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Stardiesel.com

Identification:

A	31.600	Cover torx screw
B	31.600/5	Drv torx screw
C	31.600/10	Flange torx screw
M	31.600/12	3°element torx screw

Applications:

PUMP CP1S+CP1K

Identification:

A	31.600	Cover torx screw
C	31.600/10	Flange torx screw
D	31.600/30	Drv torx screw

Applications:

PUMP CP1H

Identification:

B	31.600/5	Sensors torx screw
G	31.600/45	Flange torx screw
P	31.600/85	Pump gear <i>exagonal</i> screw

Applications:

PUMP CP2

Identification:

L	31.600/65	Drv torx screw
N	31.600/75	Flange torx screw

Applications:

PUMP CP3

Identification:

COMING SOON

Applications:

PUMP CP4-1 PLUNGER
Nr.PUMP 0.445.010.507

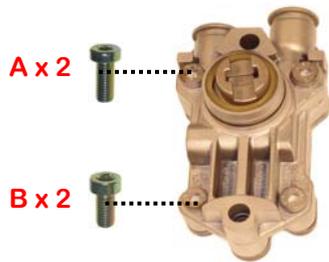
Identification:

COMING SOON

Applications:

PUMP CP4-2 PLUNGERS
Nr.PUMP 0.445.010.611

PA CP1 K



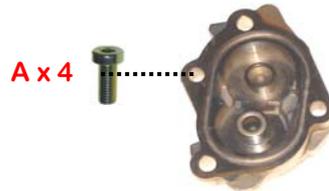
Identification:

- A** 31.600/35 PA torx screw
- B** 31.600/75 AP torx screw

Applications:

FP Nr.0.440.020.088

PA CP1H



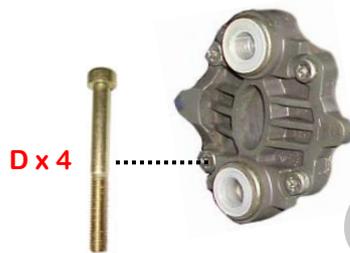
Identification:

- A** 31.600/35 PA torx screw

Applications:

FP Nr.0.440.020.060

PA CP2



Identification:

- D** 31.600/80 PA exagonal screw

Applications:

FP Nr.0.440.020.060

PA CP3



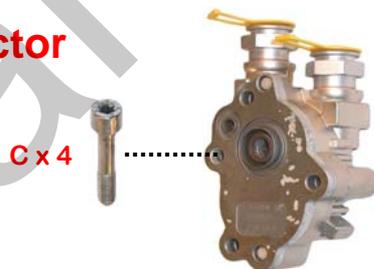
Identification:

- A** 31.600/35 PA torx screw

Applications:

FP Nr.0.440.020.038

PA CP3 Tector



Identification:

- C** 31.600/70 PA torx screw

Applications:

FP Nr.0.440.020.095

Identification:

Applications:



Ref/ 30.460

SPECIAL HAND RIVETING TOOLS
 for CLOSING A HIGHT PRESSURE
 PUMP COMMON-RAIL

Ref/ 30.450

SPECIAL BLIND RIVET-ZINC COATED
 for ASSEMBLY A HIGHT PRESSURE
 PUMP COMMON-RAIL **CP3**
50 pcs bag



59.030



31.087



30.941



30.942

Code nr. **60.146**

Repair kit

Applications:

PA CP1 K-Nr.0.440.020.088 MERCEDES



30.692
 o'ring

Code nr. **30.814**

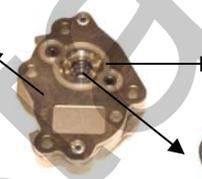
Viton O'ring

10 PCS BAG

Applications:

**PA CP1 H-Nr.0.440.020.060 CITROEN/PEUGEOT/FORD/
 MAZDA/KIA**

30.960



60.096/11



30.450



31.949

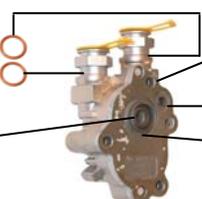
Code nr. **60.146/4**

Repair kit

Applications:

**PA CP3-Nr.0.440.020.038 CITROEN/PEUGEOT/FORD/
 MAZDA/NISSAN/RENAULT**

52.255



30.816



30.450



30.952

30.958

31.949

Code nr. **60.146/5**

Repair kit

Applications:

PA CP3 Tector-Nr.0.440.020.095 IVECO EUROCARGO Tector

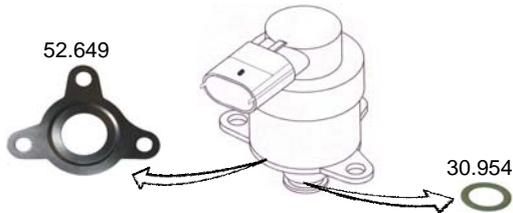


Code nr. **60.141** Repair kit

Ref/ F.01M.100.278

Applications:

Bosch DRV CP1 S+CP1 K



Code nr. **60.141/3** Repair kit

Pump nr.0.445.010.150 ALFA=FIAT=LANCIA

Applications:

Bosch DRV CP1 H



Code nr. **60.141/4** Repair kit

Drv nr.0.281.002.872 CITROEN=PEUGEOT=SUZUKI

Applications:

Bosch DRV CP1 S

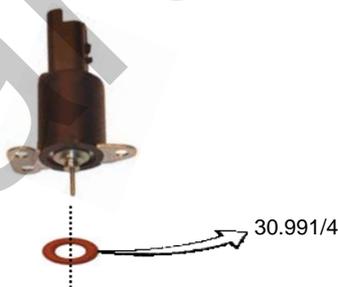


Code nr. **60.141/5** Repair kit

Drv nr.0.928.400.481 Iveco Eurocargo=Ford Cargo

Applications:

Bosch DRV CP3

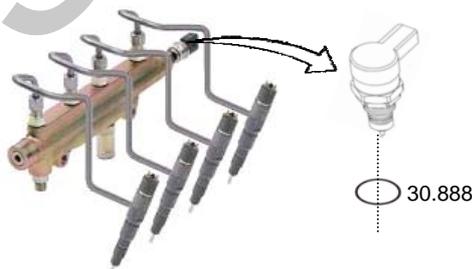


Code nr. **30.991/4** Viton O'ring

Valve nr.0.928.400.366+0.928.400.323

Applications:

Viton o'ring exclusion 3th element pump CP1 S=CP1 K

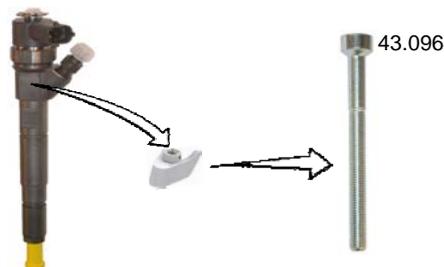


Code nr. **30.888** Viton o'ring

Nr.flaute 0.445.214.030 BMW

Applications:

Viton o'ring DRV on Flaute common-rail Bosch



Code nr. **43.096** Screw injectors Bh

mm.85

Applications:

Mercedes injectors common-rail



Code nr. **53.504** Base washer box set

Total pcs 1082 Total items 15 Kg.2,500
For details see page 6-57A

Applications:

Injectors common-rail Bosch



Code nr. **53.505** Adjustment shims box set

diameter mm. 5,43 x3,40
Total pcs 425 Total items 17 Kg.0,500
For details see page 6-45A

Applications:

Injectors common-rail Bosch



Code nr. **53.505/5** Adjustment shims box set

diameter mm. 4,5 x2,00
Total pcs 240 Total items 24 Kg.0,500
from 1,20 mm. To 1,70 mm. Cut 0,02 mm.

Applications:

Injectors common-rail Bosch
Nr.injector complete 0.445.110.168 RENAULT=NISSAN



Code nr. **53.505/10** Adjustment shims box set

diameter mm. 4,5 x2,00
Total pcs 110 Total items 11 Kg.0,500
from 1,20 mm. To 1,70 mm. Cut 0,05 mm.

Applications:

Injectors common-rail Bosch
Nr.injector complete 0.445.110.168 RENAULT=NISSAN



Code nr. **53.505/MJ** Adjustment shims box set

Total pcs 275 Total items 8 Kg.0,400
7 different shims and a special sphere, 25 pcs bag for each shims
size from 1,50 to 1,80 Cut: 0,05 mm Sphere 100 pcs

Applications:

mm.5x2,80 for injectors Multijet common-rail Bosch

**Code nr. 53.506** Adjustment shims box set

Total pcs 220 Total items 21 Kg.0,800
10 pcs bag for each size, except size mm.1,00 it's 20 pcs bag
shims size from 0,90 to 1,10 Cut: 0,01 mm

Applications:

mm.23,50x19 for injectors common-rail Bosch

**Code nr. 53.507** Adjustment shims box set

Total pcs 110 Total items 11 Kg.0,400
10 pcs bag for each size
shims size from 1,20 to 1,30 Cut: 0,01 mm

Applications:

mm.15,7x10,50 for injectors common-rail Bosch

**Code nr. 53.508** Adjustment shims box set

Total pcs 220 Total items 21 Kg.0,800
10 pcs bag for each size, except size mm.1,00 it's 20 pcs bag
shims size from 0,90 to 1,10 Cut: 0,01 mm

Applications:

mm.22,0x19 for injectors common-rail Bosch

**Code nr. 53.509** Adjustment shims box set

Total pcs 110 Total items 11 Kg.0,400
10 pcs bag for each size,
shims size from 1,30 to 1,40 Cut: 0,01 mm

Applications:

mm.22,0x19 for injectors common-rail Bosch

**Code nr. 53.510** Adjustment tastators box set

Total pcs 110 Total items 11 Kg.0,500
tastators size from 8,40 to 8,50 Cut: 0,01 mm

Applications:

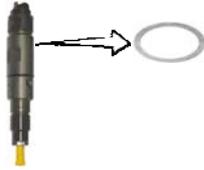
mm.5,90 for Injectors common-rail Bosch

**Code nr. 53.511** Adjustment plate box set

Total pcs 310 Total items 31 Kg.0,400
plate size from 0,95 to 1,25 Cut: 0,01 mm

Applications:

mm.2,25 for injectors common-rail Bosch



Code nr. **53.513**

Adjustment shims box set for
MAN Engine

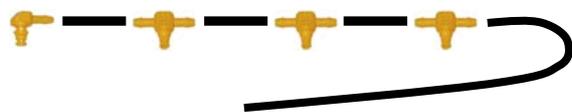
Total pcs 220 Total items 21 Kg.0,800
10 pcs bag for each size, except size mm.1,00 it's 20 pcs bag
shims size from 1,34 to 1,76 Cut: 0,02 mm

Applications:

mm.23x19,5 for MAN injectors common-rail Bosch

Code nr.

Applications:



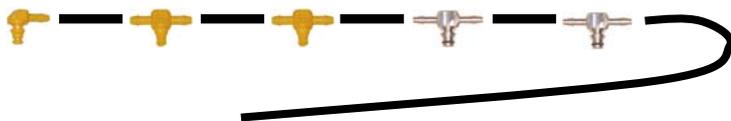
Code nr: **51.118/5**

Waste pipe injector set 4 cyl.

Original reference: 0.928.400.317

Applications:

Alfa Romeo 145/146/147/156=Fiato Bravo/Brava/
Multipla/Punto=Lancia Lybra 1.9 jtd



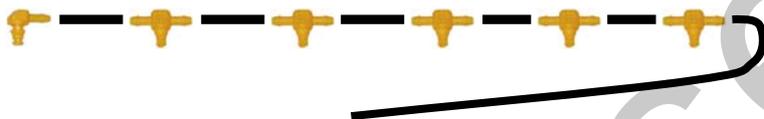
Code nr: **51.118/10**

Waste pipe injector set 4/8 cyl.

Original ref/ 0.928.402.033 Ex 0.928.400.293

Applications:

Mercedes Vito/Sprinter/S class/V 2.2/4.0 cdi



Code nr: **51.118/15**

Waste pipe injector set 6 cyl.

Original reference: 0.928.400.295

Applications:

Mercedes S class 320 cdi



Code nr: **51.118/20**

Waste pipe injector set 6 cyl.

Original reference: 0.928.400.528

Applications:

Bmw 525d/530d/730d/x5 3.0d



Code nr: **51.118/25**

Waste pipe injector set 5 cyl.

Original reference: 0.928.400.318

Applications:

Lancia k/Lybra/Thesis=
Alfa romeo 156/166 2.4 jtd



Code nr: **51.118/30**

Waste pipe injector set 4 cyl.

Original reference: 0.928.400.474

Applications:

Alfa romeo 147/156/Gt=Fiato Doblo/Idea/Punto
Stilo/Strada 1.9 jtd



Code nr: 51.118/35

Waste pipe injector set **4 cyl.**

Original reference: 0.928.400.381

Applications:

Fiat Ducato 2.8 jtd



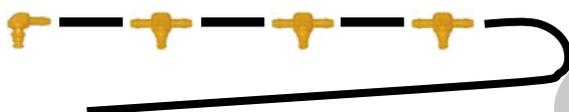
Code nr: 51.118/40

Waste pipe injector set **4 cyl.**

Original reference: 0.928.400.599

Applications:

Fiat Doblo/Grande punto 1.3 jtd
Opel Astra 1.3 cdti



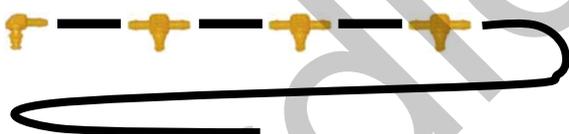
Code nr: 51.118/45

Waste pipe injector set **4 cyl.**

Original reference: 0.928.400.541

Applications:

Fiat Panda/Punto/Doblo' 1.3 jtd=Lancia Musa/Y
Opel Agila/Tigra 1.3 cdti



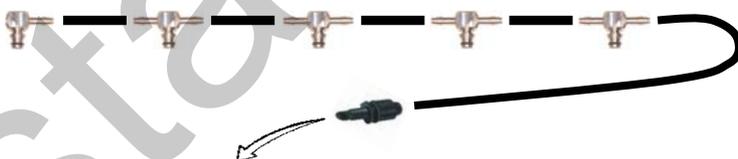
Code nr: 51.118/50

Waste pipe injector set **4 cyl.**

Original reference: 0.928.400.507

Applications:

Fiat Ducato 2.3 jtd 11/15/17/18/maxi 17/20



Code nr: 51.118/55

Waste pipe injector set **5 cyl.**

Original reference: 0.928.400.480

Applications:

Volvo S60/S80/V70 II/Xc70/Xc90 D5 2.4d



Code nr: 51.118/60

Waste pipe injector set **8 cyl.**

Original reference: 0.928.400.413

Applications:



Code nr: **51.118/65**

Waste pipe injector set 4 cyl.

Original ref/ 0.928.402.044

Applications:

Mercedes cdi



Code nr: **51.118/70**

Waste pipe injector set 5 cyl.

Original reference: 0.928.400.589=0.928.402.045

Applications:

Mercedes



Code nr: **60.151/2**

Waste plastic connection mm.4

3 ways in plastic white color

Applications:

Bosch system common-rail

Code nr: **60.151**

Waste plastic connection mm.4

4 ways in plastic white color

Applications:

Bosch system common-rail



Code nr: **56.263**

LOW PRESSURE TEXTILE HOSE

mm.3,2x7 (qty pack 50 mt.)



Code nr: **56.263/5**

LOW PRESSURE TEXTILE HOSE

mm.3x7 (qty pack 20 mt.)

C/RAIL WASTE JOINT INJECTOR (BH Type) SPARE PARTS



Cod: **31.086**
O'ring WASTE JOINT



Cod: **60.150/13**
FORK WASTE JOINT



Cod: **51.270** PLASTIC WASTE JOINT SET 1 WAY



Cod: **51.271** PLASTIC WASTE JOINT SET 2 WAYS



Cod: **60.150/7** ALUMINUM WASTE JOINT 2 WAYS LONG WITH O'ring ONLY (Appl/ ENGINE 2.8 JTD)



Cod: **60.150/10** ALUMINUM WASTE JOINT 2 WAYS WITH O'ring ONLY (Appl/ MERCEDES CDI)



Cod: **60.150/15** ALUMINUM WASTE JOINT 1 WAY WITH O'ring ONLY (Appl/ MERCEDES CDI)



1 Pcs bag
 Example of identification and comparison:
R831 on original valve, our Code **80.004**
 Our Valves are new and in minor size.
 Not necessarily a new Pin.
For assembly using a old pin.



1 Pcs bag
 For identify a pin, use a original number of complete injector. Example Nr. injector 0.445.110.055, our Code **90.010**

Pos.	Our Code	Applications
1	80.004	Valve reference R831 Applications: all Ford Cargo Nr. Injector 0.445.120.025
1	80.006	Valve reference T048 Applications: Fiat Albea, Doblo', Idea, Palio, Panda, Punto 1.3 jtd/jtdm=Lancia Musa, Ypsilon 1.3 Multijet Opel Agila, Combo, Corsa, Meriva, Tigra 1.3 dti Nr. Injector 0.445.110.083
1	80.008	Valve reference V043 Applications: Nissan Interstar 2.5 Dci 100/120=Opel Movano 2.5 dti=Renault Master 2.5dci 16v.=Hyundai Starex=Kia Sorento=Bmc Mega Star Nr. Injector 0.445.110.141
1	80.010	Valve reference R158 Applications: Man Tga from 2004 to 2006 Nr. Injector 0.445.120.030
1	80.011	Valve reference T334 Applications: Fiat 500, Doblo', Fiorino, Qubo, Grande Punto, Idea, Linea, Panda, Strada 1.3 jtdm=Ford Ka'II 1.3 tdc= Lancia Musa, Ypsilon 1.3 Multijet=Opel Astra, Corsa, Meriva 1.3 cdti=Hyundai=Kia=Nr. Injector 0.445.110.183
1	80.012	Valve reference R297 Applications: Renault Premium, Kerax dci 370/420 with pump CP2, Nr. Injector 0.445.120.019
1	80.004/1	Valve reference R831 Applications: all Ford Cargo Nr. Injector 0.445.120.025 IN MINOR STEP 1
1	80.004/2	Valve reference R831 Applications: all Ford Cargo Nr. Injector 0.445.120.025 IN MINOR STEP 2
1	80.014	Valve reference / Applications: Alfa Romeo 145, 146, 156, 166 1.9/2.4 jtd= Fiat Brava, Bravo, Marea, Multipla=1.9/2.4 jtd= Lancia K, Lybra 1.9/2.4 jtd Nr. Injector 0.445.110.002
1	80.016	Valve reference / Applications: Fiat Doblo', Marea, Marengo, Multipla, Stilo 1.9 jtd=Lancia Lybra, Thesis 1.9/2.4 jtd Nr. Injector: 0.445.110.119
1	80.018	Valve reference / Applications: Mercedes Sprinter 208, 308, 408 cdi Nr. Injector: 0.445.110.034
1	80.020	Valve reference / Applications: Mercedes A Class 160, 170 cdi Nr. Injector: 0.445.110.014
1	80.022	Valve reference / Applications: Mercedes E Class 220, 270 cdi=Nissan Primastar 1.9 dci 80/100=Opel Movano=Vivaro 1.9 dti= Renault Laguna I, II, Scenic, Trafic, Espace IV 1.9 dci Nr. Injector: 0.445.110.055=054=056
1	80.024	Valve reference / Applications: Bmw 320, 330, 530, 730, x5 D Nr. Injector: 0.445.110.131
1	80.026	Valve reference / Applications: Fiat Stilo 1.9 jtd 16v.=Lancia Thesis 2.4 jtd 20v. Nr. Injector: 0.445.110.111
1	80.028	Valve reference / Applications: Citroen Jumper 2.8 hdi= Fiat Ducato, Iveco Daily, Cityclass 2.8 jtd= Peugeot=Boxer 2.8 hdi= Renault Mascott 110, 130, 140, 150 Nr. Injector: 0.445.120.002
		Coming-soon

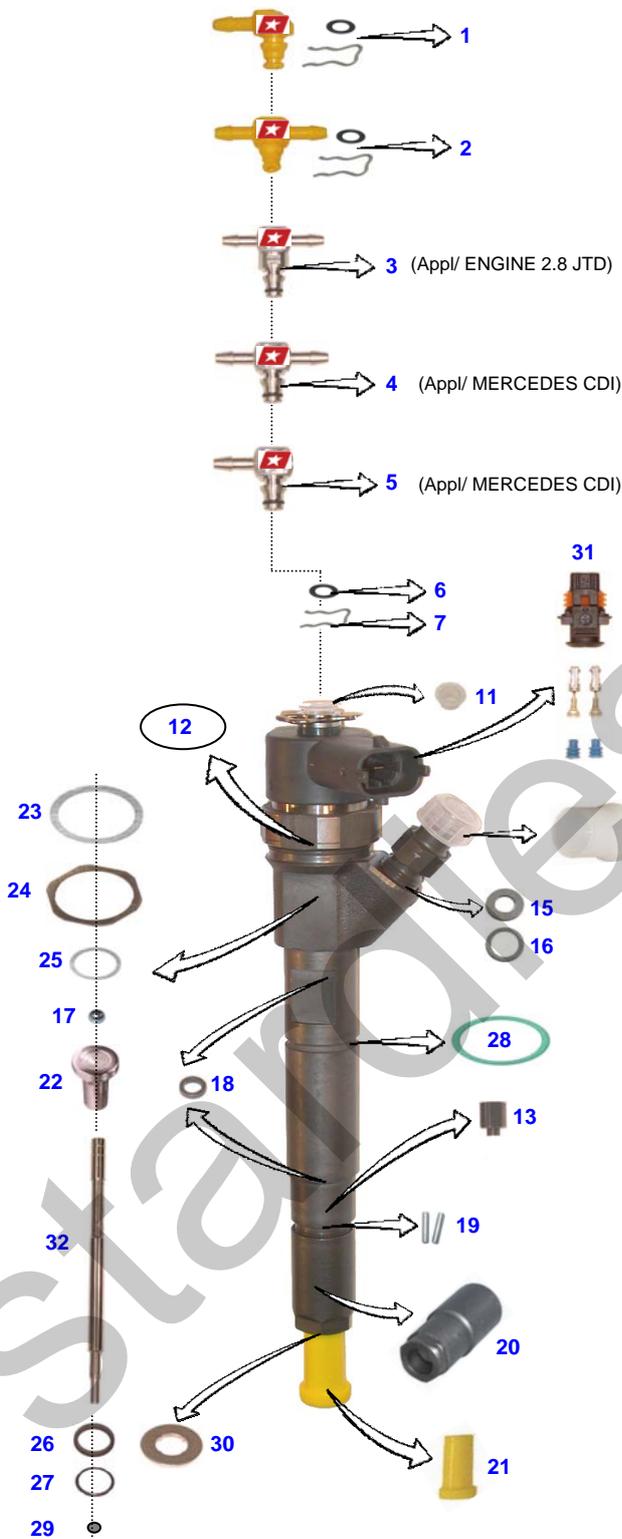
Pos.	Our Code	Applications
2	90.000	Pin for injector Ref/ 0.445.110.021=056=146 for Renault/Opel
2	90.002	Pin for injector Ref/ 0.445.110.036 for Citroen/Peugeot
2	90.004	Pin for injector Ref/ 0.445.110.038 for Renault
2	90.006	Pin for injector Ref/ 0.445.110.047=266 Short type for Bmw/L. Rover
2	90.008	Pin for injector Ref/ 0.445.110.047 Long type for Bmw/L. Rover
2	90.010	Pin for injector Ref/ 0.445.110.055=054 for Mercedes
2	90.012	Pin for injector Ref/ 0.445.110.057 for Citroen/Peugeot
2	90.014	Pin for injector Ref/ 0.445.110.059 for Chrysler
2	90.016	Pin for injector Ref/ 0.445.110.076=062 for Citroen/Fiat/Peugeot
2	90.018	Pin for injector Ref/ 0.445.110.078=077 for Volvo
2	90.020	Pin for injector Ref/ 0.445.110.085 for Toyota Rav 4 Did
2	90.022	Pin for injector Ref/ 0.445.110.131=080 for Bmw
2	90.024	Pin for injector Ref/ 0.445.110.135 for Citroen/Peugeot
2	90.026	Pin for injector Ref/ 0.445.120.002 for Citroen/Fiat/Iveco/Peugeot/Renault
2	90.028	Pin for injector Ref/ 0.445.110.002 for Fiat/Lancia/Alfa Romeo
2	90.030	Pin for injector Ref/ 0.445.110.072=071 for Mercedes Class C/Clk/E 200/220/270 cdi
2	90.032	Pin for injector Ref/ 0.445.110.126=290 for Hyundai/Kia
2	90.034	Pin for injector Ref/ 0.445.110.175 for Opel Astra 1.7 CDTi
2	90.036	Pin for injector Ref/ 0.445.110.214 for Toyota Yaris 1.4 d4d
2	90.038	Pin for injector Ref/ 0.445.110.230=150 for Renault Laguna/Megane/Scenic II 1.9 Dci

(mm.3,2x7 50 mt.bag) **8**

(3 ways) **9**

(4 ways) **10**

Injector common-rail system BOSCH (Traditional injector)

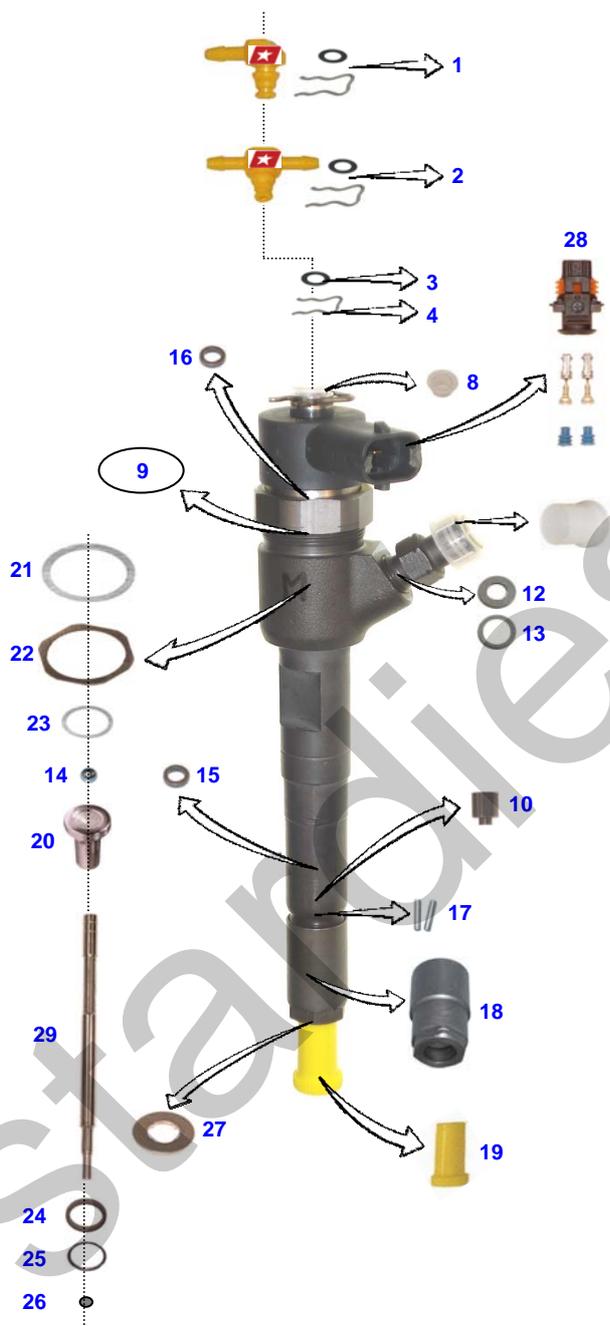


Position	Our Code	Description
1	51.270	Plastic joint set 1way
2	51.271	Plastic joint set 2ways
3	60.150/7	Aluminium joint 2 ways long
4	60.150/10	Aluminium joint 2 ways
5	60.150/15	Aluminium joint 1 way
6	31.086	O'ring waste joint
7	60.150/13	Fork waste joint
8	56.263	Low pressure textile hose
9	60.151/2	Plastic connection mm.4
10	60.151	Plastic connection mm.4
11	59.002	Plastic protection plug
12	30.989	O'ring spool
13	Pointer	See page 13-7
14	59.011/12	Plastic protection plug
15	53.074/15	Iron gasket
16	53.074/20	Iron gasket Ref/ F00R0P0004
17	60.096/15	Sphere injector mm.1,25
17	60.096/17	Sphere.Ø1,33 Ref/F00VC05001
18	Shims	See page 13-6
19	53.065/5	Dowel pin Ref/2433201024=31
20	53.059/50	Nozzle nut PSA
20	53.059/55	Nozzle nut Ref/F00VC14018
20	53.059/60	Nozzle nut Ref/F00VC14012
20	53.059/70	Nozzle nut Ref/F00RJ00842
20	53.059/108	Nozzle nut Ref/F00RJ00215
21	59.134/5	Plastic protection plug
22	Valves	See page 13-12
23	Shims	See page 13-6
24	Shims	See page 13-6
25	Shims	See page 13-6
26	33.607/10	Bakelite washer
27	33.037/20	Washer
28	30.890	Viton o'ring
29	Shims	See page 13-7
30	Washer	See page 6-57A
31	49.276/50	Electric connector set
32	Pins	See page 13-12

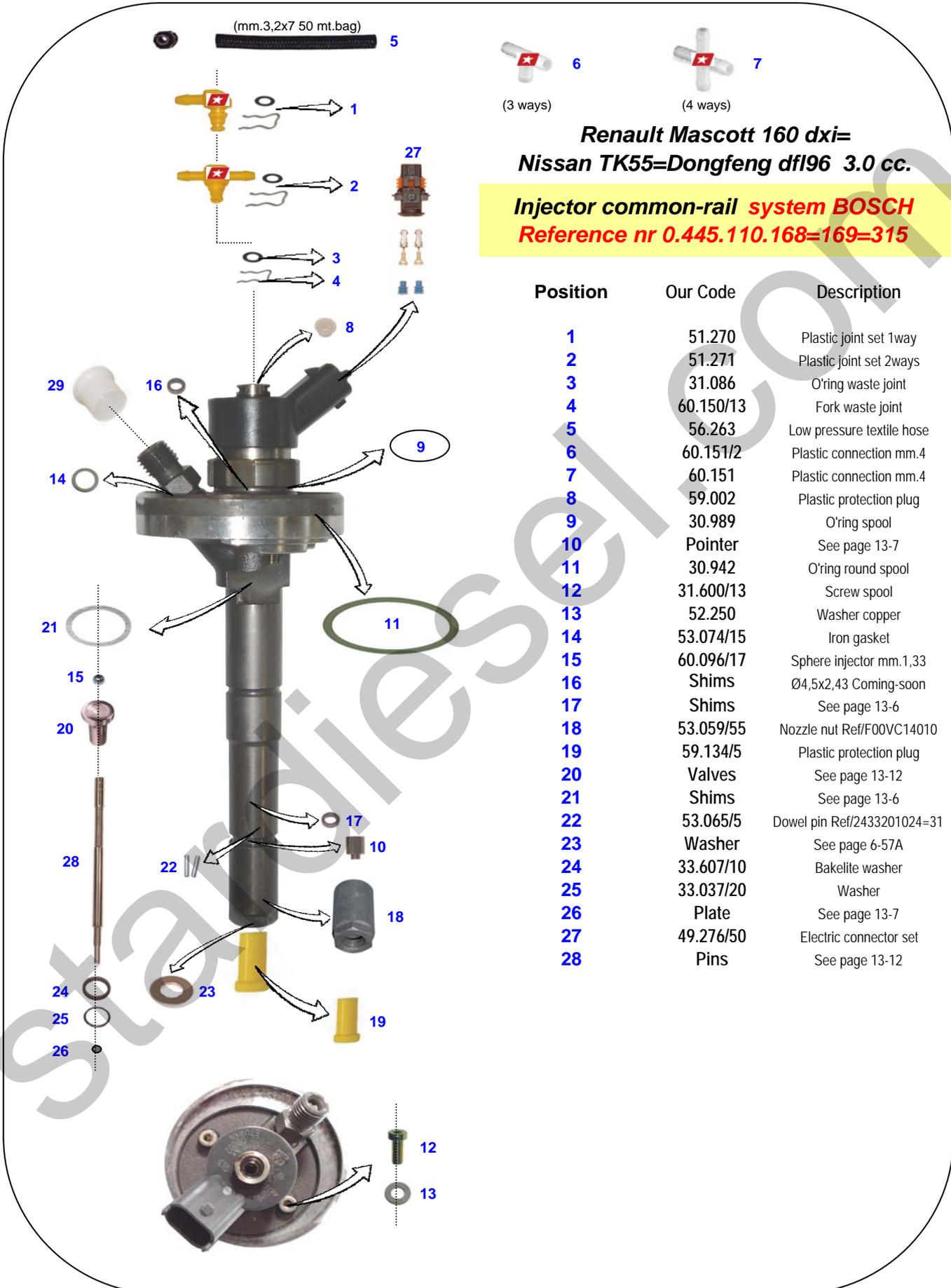
(mm.3,2x7 50 mt.bag) **5**



Injector common-rail system BOSCH
Multijet Reference nr.0.445.110.183



Position	Our Code	Description
1	51.270	Plastic joint set 1way
2	51.271	Plastic joint set 2ways
3	31.086	O'ring waste joint
4	60.150/13	Fork waste joint
5	56.263	Low pressure textile hose
6	60.151/2	Plastic connection mm.4
7	60.151	Plastic connection mm.4
8	59.002	Plastic protection plug
9	30.989	O'ring spool
10	Pointer	See page 13-7
11	59.011/12	Plastic protection plug
12	53.074/15	Iron gasket
13	53.074/20	Iron gasket Ref/ F00R0P0004
14	60.096/18	Sphere injector mm.1,50
15	Shims	See page 13-6
16	Shims Ø5	See page 13-6
17	53.065/5	Dowel pin Ref/2433201024=31
18	53.059/55	Nozzle nut Ref/F00VC14018
19	59.134/5	Plastic protection plug
20	Valves	See page 13-12
21	Shims	See page 13-6
22	Shims	See page 13-6
23	Shims	See page 13-6
24	33.607/10	Bakelite washer
25	33.037/20	Washer
26	Plate	See page 13-7
27	Washer	See page 6-57A
28	49.276/50	Electric connector set
29	Pins	See page 13-12



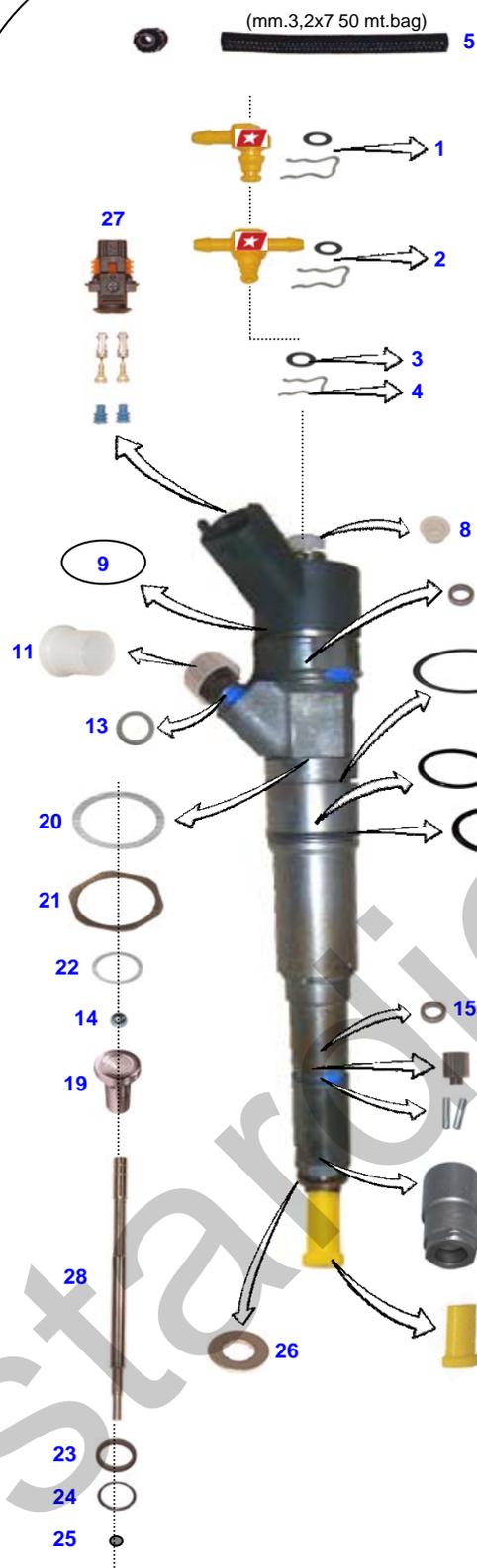
(mm.3,2x7 50 mt.bag) 5



Renault Mascott 160 dxi=
Nissan TK55=Dongfeng dfl96 3.0 cc.

Injector common-rail system BOSCH
Reference nr 0.445.110.168=169=315

Position	Our Code	Description
1	51.270	Plastic joint set 1way
2	51.271	Plastic joint set 2ways
3	31.086	O'ring waste joint
4	60.150/13	Fork waste joint
5	56.263	Low pressure textile hose
6	60.151/2	Plastic connection mm.4
7	60.151	Plastic connection mm.4
8	59.002	Plastic protection plug
9	30.989	O'ring spool
10	Pointer	See page 13-7
11	30.942	O'ring round spool
12	31.600/13	Screw spool
13	52.250	Washer copper
14	53.074/15	Iron gasket
15	60.096/17	Sphere injector mm.1,33
16	Shims	Ø4,5x2,43 Coming-soon
17	Shims	See page 13-6
18	53.059/55	Nozzle nut Ref/F00VC14010
19	59.134/5	Plastic protection plug
20	Valves	See page 13-12
21	Shims	See page 13-6
22	53.065/5	Dowel pin Ref/2433201024=31
23	Washer	See page 6-57A
24	33.607/10	Bakelite washer
25	33.037/20	Washer
26	Plate	See page 13-7
27	49.276/50	Electric connector set
28	Pins	See page 13-12

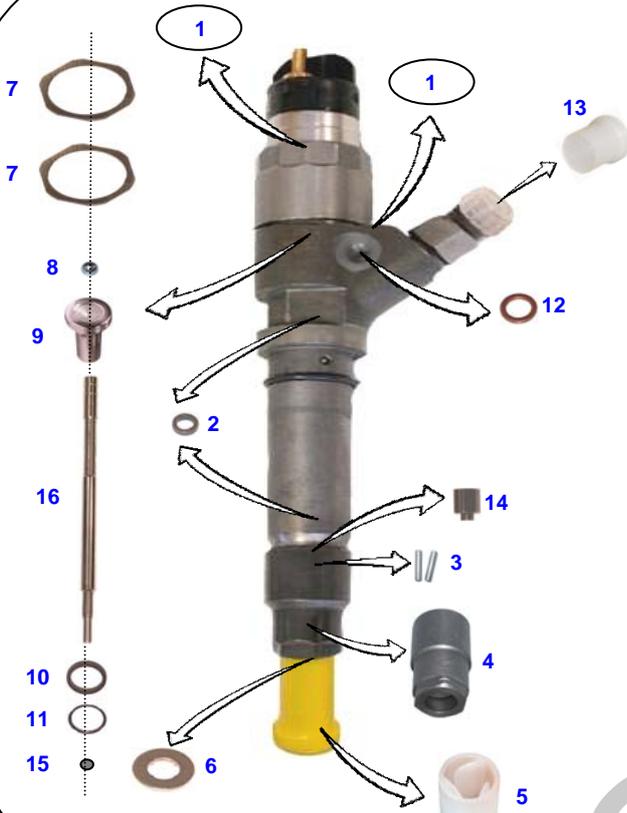


Bmw 330/530/730/X5 3.0d
Injector common-rail system BOSCH
Reference nr.0.445.110.266=047

Position	Our Code	Description
1	51.270	Plastic joint set 1way
2	51.271	Plastic joint set 2ways
3	31.086	O'ring waste joint
4	60.150/13	Fork waste joint
5	56.263	Low pressure textile hose
6	60.151/2	Plastic connection mm.4
7	60.151	Plastic connection mm.4
8	59.002	Plastic protection plug
9	30.989	O'ring spool
10	Pointer	See page 13-7
11	59.011/12	Plastic protection plug
12	O'ring	Coming-soon
12A	O'ring	Coming-soon
13	53.074/20	Iron gasket Ref/ F00R0P0004
13A	Clip	Coming-soon
14	60.096/17	Sphere injector mm.1,33
15	Shims	See page 13-6
16	53.065/5	Dowel pin Ref/2433201024=31
17	53.059/55	Nozzle nut Ref/F00VC14018
18	59.134/5	Plastic protection plug
19	Valves	See page 13-12
20	Shims	See page 13-6
21	Shims	See page 13-6
22	Shims	See page 13-6
23	33.607/10	Bakelite washer
24	33.037/20	Washer
25	Plate	See page 13-7
26	52.385	Washer injector
27	49.276/50	Electric connector set
28	Pins	See page 13-12

Renault Premium I 4.0/6.2 cc.

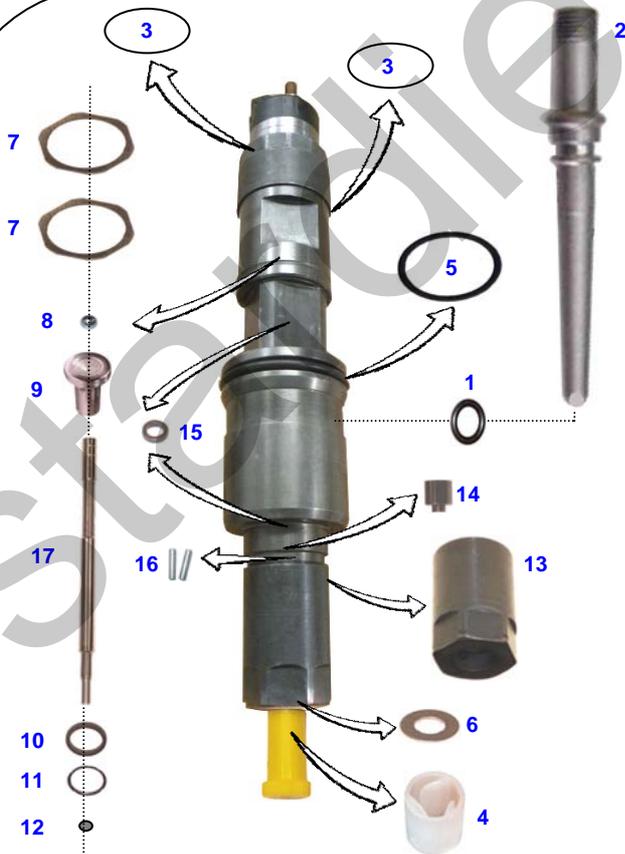
Injector common-rail system BOSCH
Reference nr.0.445.120.013=012



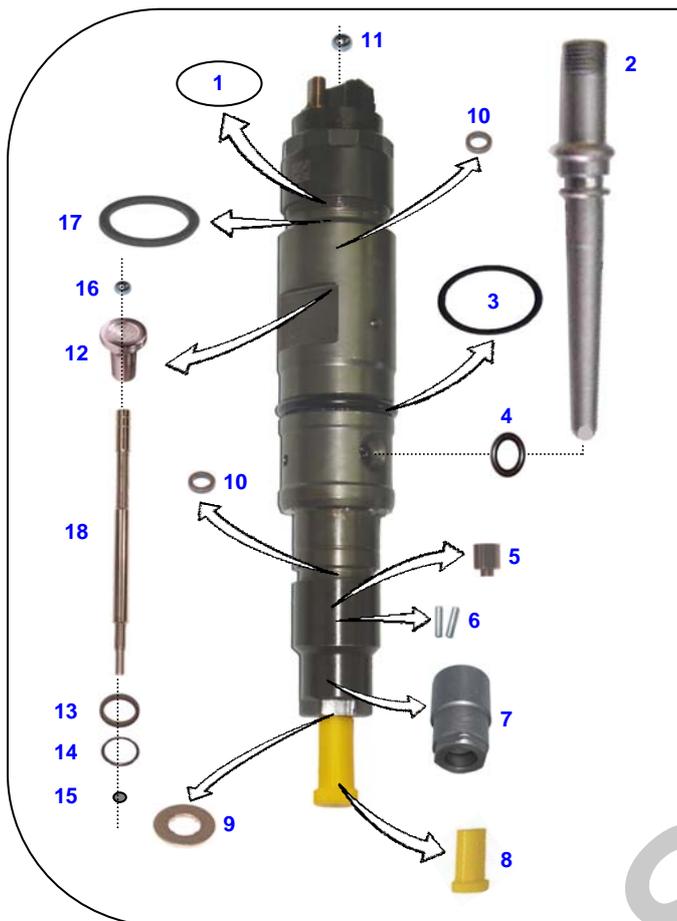
Position	Our Code	Description
1	30.912	O'ring spool
2	Shims	See page 13-6
3	53.065/5	Dowel pin Ref/2433201024=31
4	53.021	Nozzle nut
5	59.137	Plastic protection plug
6	Washer	See page 6-57A
7	Shims	See page 13-6
8	60.096/17	Sphere injector mm.1,33
9	Valves	See page 13-12
10	33.607/10	Bakelite washer
11	33.037/20	Washer
12	52.250	Washer copper
13	59.011/12	Plastic protection plug
14	Pointer	See page 13-7
15	Plate	See page 13-7
16	Pins	See page 13-12

Renault Premium I 11.1 cc.

Injector common-rail system BOSCH
Reference nr 0.445.120.020=019



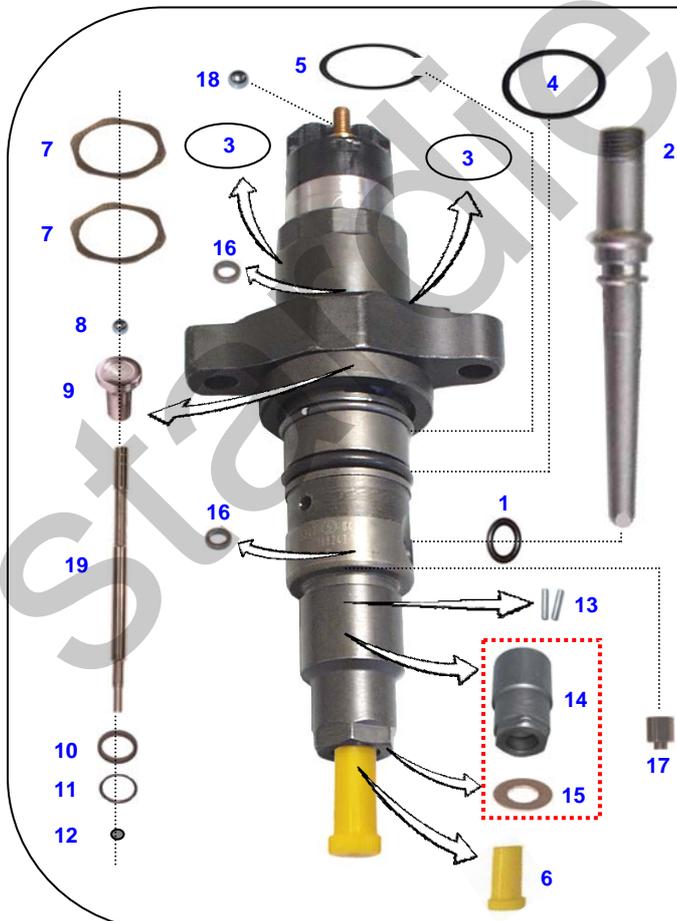
Position	Our Code	Description
1	30.992/30	O'ring tube
2	Tube	Coming-soon
3	30.912	O'ring spool
4	59.137	Plastic protection plug
5	30.788	O'ring exterior
6	52.329	Base washer copper
7	Shims	See page 13-6
8	60.096/17	Sphere injector mm.1,33
9	Valves	See page 13-12
10	33.607/10	Bakelite washer
11	33.037/20	Washer
12	Plate	See page 13-7
13	59.059/108	Nozzle nut
14	Pointer	See page 13-7
15	Shims	See page 13-6
16	53.065/5	Dowel pin Ref/2433201024
17	Pins	See page 13-12



Renault Premium/Midlum II

Injector common-rail system BOSCH
Reference nr 0.445.120.064

Position	Our Code	Description
1	30.990/2	O'ring spool
2	Tube	Coming-soon
3	30.786	O'ring exterior
4	30.992/30	O'ring tube
5	Pointer	See page 13-7
6	53.065/5	Dowel pin Ref/2433201024
7	53.021	Nozzle nut
8	59.134/5	Plastic protection plug
9	Washer	See page 6-56
10	Shims	See page 6-45C
11	31.493/30	Sphere injector mm.3
12	Valves	See page 13-12
13	33.607/10	Bakelite washer
14	33.037/20	Washer
15	Plate	See page 13-7
16	60.096/17	Sphere injector mm.1,33
17	Washer	Coming-soon
18	Pins	See page 13-12



Iveco Eurocargo 2003 1°Series

Injector common-rail system BOSCH
Reference nr 0.445.120.007

Position	Our Code	Description
1	30.992/30	O'ring tube
2	Tube	Coming-soon
3	30.912	O'ring spool
4	30.990	O'ring exterior
5	33.084/2	Clip body
6	59.134/5	Plastic protection plug
7	Shims	See page 13-6
8	60.096/17	Sphere injector mm.1,33
9	Valves	See page 13-12
10	33.607/10	Bakelite washer
11	33.037/20	Washer
12	Plate	See page 13-7
13	53.065/5	Dowel pin Ref/2433201024
14	59.059/85	Nozzle nut
15	52.384	Washer mm.1,5
A original Washer is mm. 3,with our nozzle nut use mm.1,5		
16	Shims	See page 13-6
17	Pointer	See page 13-7
18	Sphere	Coming-soon
19	Pins	See page 13-12

Iveco Eurocargo 2°Series

Injector common-rail system BOSCH
Reference nr.0.445.120.054

Position	Our Code	Description
1	30.992/30	O'ring tube
2	Tube	Coming-soon
3	30.989	O'ring spool
4	30.990	O'ring exterior
5	59.134/5	Plastic protection plug
6	60.096/17	Sphere injector mm.1,33
7	Valves	See page 13-12
8	33.607/10	Bakelite washer
9	33.037/20	Washer
10	Plate	See page 13-7
11	Shims	See page 13-6
12	53.065/5	Dowel pin Ref/2433201024
13	59.059/85	Nozzle nut
14	Pointer	See page 13-7
15	52.384	Washer mm.1,5
16	Sphere	Coming-soon
17	Washer	Coming-soon
18	Pins	See page 13-12

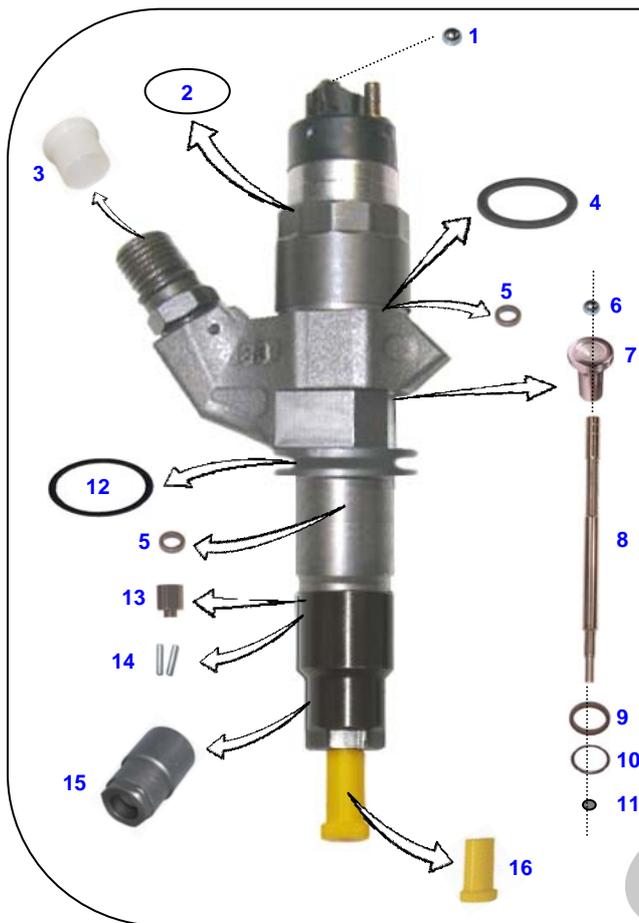
Duramax engine 6.6 cc.

Injector common-rail system BOSCH
Reference nr.0.445.120.008

Position	Our Code	Description
1	Sphere	Coming-soon
2	30.912	O'ring spool
3	59.011/12	Plastic protection plug
4	Shims	See page 13-6
5	60.096/17	Sphere injector mm.1,33
6	Shims	See page 6-45C
7	Valves	See page 13-12
8	53.065/5	Dowel pin Ref/2433201024
9	52.384	Washer mm.1,5
10	33.607/10	Bakelite washer
11	33.037/20	Washer
12	Plate	See page 13-7
13	59.137	Plastic protection plug
14	Nut	Coming-soon
15	Pointer	See page 13-7
16	Pins	See page 13-12

New Holland CR Series 9060 6 Cyl.
Engine cursor 9 - 8,7 cc. 260 Kw

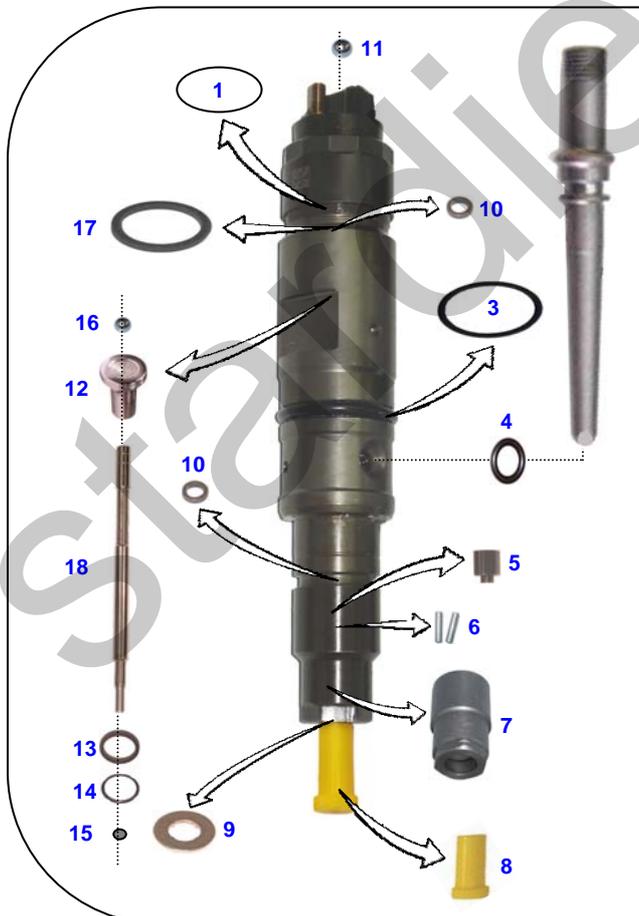
Injector common-rail system BOSCH
Reference nr.0.445.120.092



Position	Our Code	Description
1	31.493/30	Sphere injector mm.5
2	30.990/2	O'ring spool
3	59.011/12	Plastic protection plug
4	Washer	Coming-soon
5	Shims	See page 13-6
6	60.096/17	Sphere injector mm.1,33
7	Valve	Coming-soon
8	Pins	See page 13-12
9	33.607/10	Bakelite washer
10	33.037/20	Washer
11	Plate	See page 13-7
12	30.690	O'ring exterior brown color
13	Pointer	See page 13-7
14	53.065/5	Dowel pin Ref/2433201024
15	53.059/70	Nozzle nut
16	59.134/5	Plastic protection plug

Man engine D20

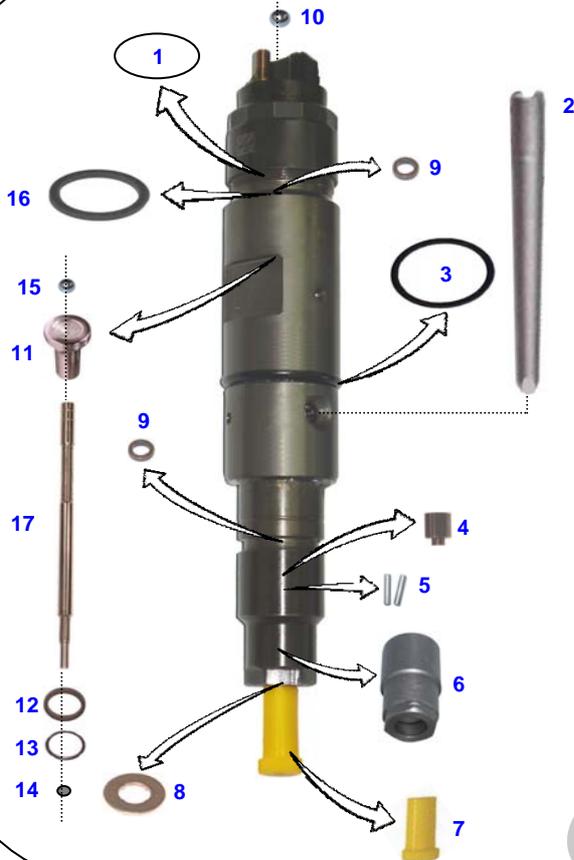
Injector common-rail system BOSCH
Reference nr.0.445.120.218=030



Position	Our Code	Description
1	30.990/2	O'ring spool
2	Tube	Coming-soon
3	30.990	O'ring exterior
4	30.992/40	O'ring tube
5	Pointer	See page 13-7
6	53.065/5	Dowel pin Ref/2433201024
7	53.021	Nozzle nut
8	59.134/5	Plastic protection plug
9	Washer	See page 6-45C
10	Shims	See page 13-6
11	31.493/30	Sphere injector mm.3
12	80.010	Valve injector
13	33.607/10	Bakelite washer
14	33.037/20	Washer
15	Plate	See page 13-7
16	60.096/17	Sphere injector mm.1,33
17	Washer	Coming-soon
18	Pins	See page 13-12

Man engine D28

Injector common-rail system BOSCH
Reference nr.0.445.120.044



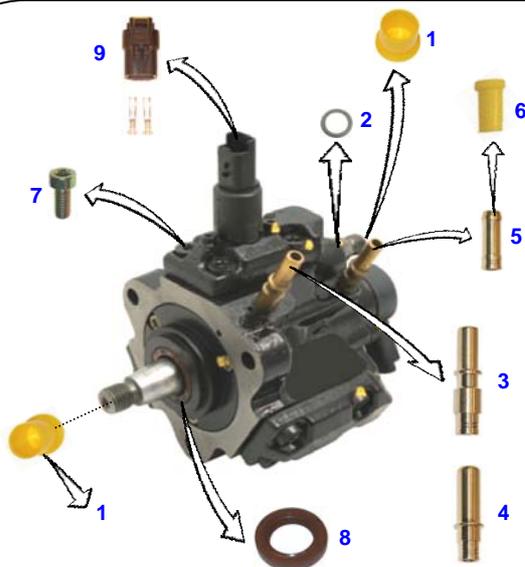
Position	Our Code	Description
1	30.992/30	O'ring tube
2	Tube	Coming-soon
3	30.990/4	O'ring exterior
4	Pointer	See page 13-7
5	53.065/5	Dowel pin Ref/2433201024
6	53.021	Nozzle nut
7	59.134/5	Plastic protection plug
8	Washer	See page 6-45C
9	Shims	See page 13-6
10	31.493/30	Sphere injector mm.3
11	Valves	See page 13-12
12	33.607/10	Bakelite washer
13	33.037/20	Washer
14	Plate	See page 13-7
15	60.096/17	Sphere injector mm.1,33
16	Washer	Coming-soon
17	Pins	See page 13-12

Audi Q7 3.0d

Injector common-rail Piezo
system BOSCH
Reference nr.0.445.115.051

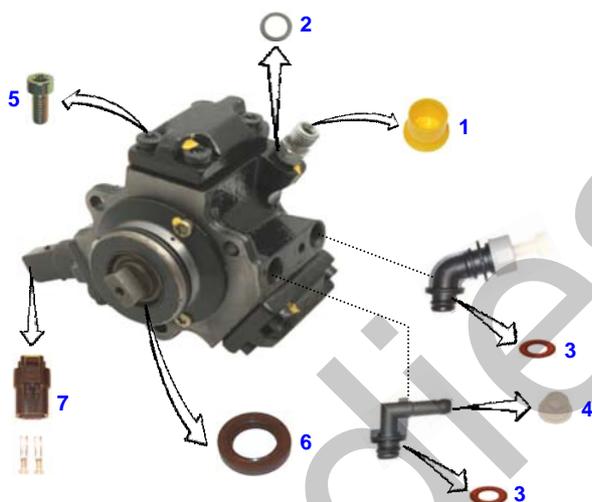


Position	Our Code	Description
1	30.992/30	O'ring connector
2	59.011	Plastic protection plug Ø 14
3	59.002	Plastic protection plug
4	59.134/5	Plastic protection plug
5	Spring	Coming-soon
6	Shims	Coming-soon
7	Washer	Coming-soon
8	Spacer	Coming-soon
9	52.299	Washer copper



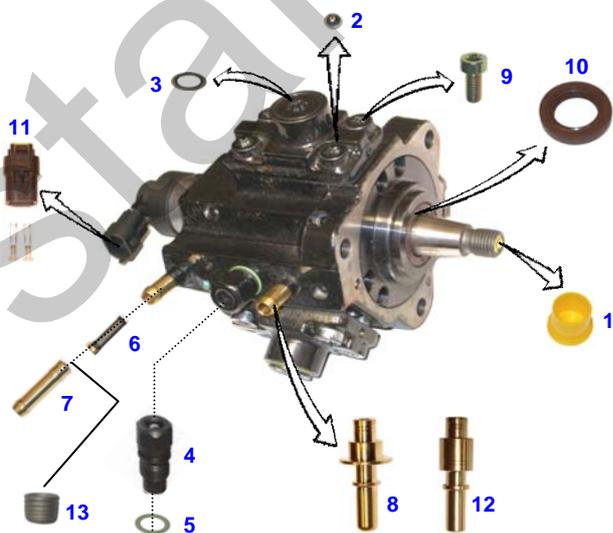
Injection pump CP1 S

Position	Our Code	Description
1	59.011	Plastic protection plug
2	53.074/20	Iron washer
3	56.113	Brass connection
4	56.112	Brass connection
5	56.112/5	Brass connection
6	59.134/5	Plastic protection plug
7	Screws	See page 13-2
8	31.947	Oil seal Ref/ F00R0P0253
9	Connector	See category nr.18



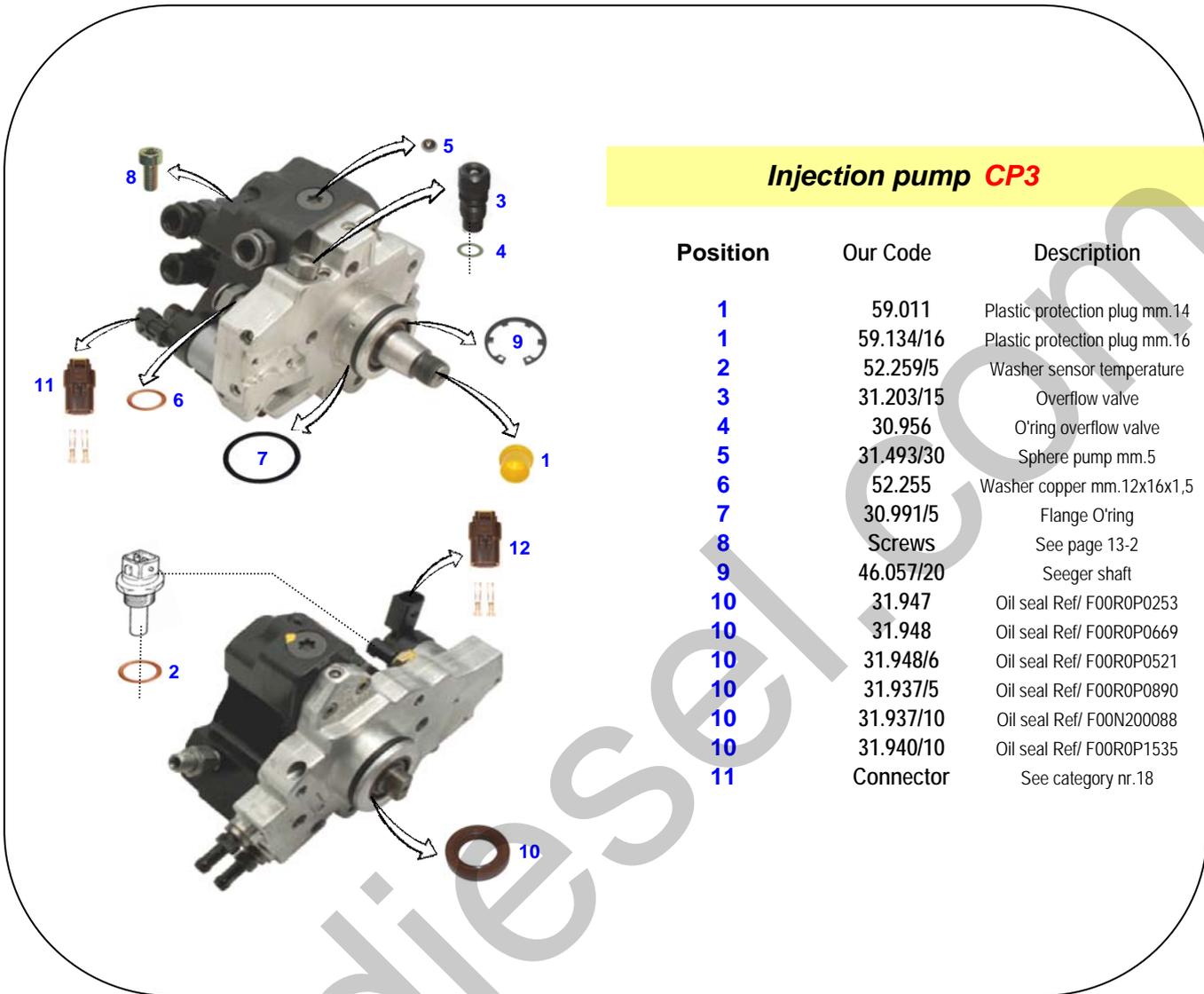
Injection pump CP1 K

Position	Our Code	Description
1	59.011	Plastic protection plug
2	53.074/20	Iron washer
3	31.057	O'ring plastic connectors
4	59.004	Plastic protection plug
5	Screws	See page 13-2
6	31.947	Oil seal Ref/ F00R0P053
7	Connector	See category nr.18



Injection pump CP1 H

Position	Our Code	Description
1	59.011	Plastic protection plug
2	31.497/35	Sphere pump mm.3,5
3	36.131/5	Bonded seal
4	31.203/15	Overflow valve
5	30.956	O'ring overflow valve
6	31.709	Filter
7	56.112/5	Brass connection
8	56.113/5	Brass connection
9	Screws	See page 13-2
10	31.947	Oil seal Ref/ F00R0P053
11	Connector	See category nr.18
12	56.113/10	Brass connection
13	31.709/5	Plug filter



Injection pump CP3

Position	Our Code	Description
1	59.011	Plastic protection plug mm.14
1	59.134/16	Plastic protection plug mm.16
2	52.259/5	Washer sensor temperature
3	31.203/15	Overflow valve
4	30.956	O'ring overflow valve
5	31.493/30	Sphere pump mm.5
6	52.255	Washer copper mm.12x16x1,5
7	30.991/5	Flange O'ring
8	Screws	See page 13-2
9	46.057/20	Seeger shaft
10	31.947	Oil seal Ref/ F00R0P0253
10	31.948	Oil seal Ref/ F00R0P0669
10	31.948/6	Oil seal Ref/ F00R0P0521
10	31.937/5	Oil seal Ref/ F00R0P0890
10	31.937/10	Oil seal Ref/ F00N200088
10	31.940/10	Oil seal Ref/ F00R0P1535
11	Connector	See category nr.18

Cod: 31.937/5
Ref/ F 00R 0P0 890=F 00N 202 338=F 00N 201 618



Applications: CP3
Size: mm.20x32x7
Material:VITON LINENIZED
Pack qty: 10 pcs

Cod: 31.947
Ref/ F 00R 0P0 253=F 00N 201 617



Applications: CP3
Size: mm.20x31x7,3
Material:VITON
Pack qty: 10 pcs

Cod: 31.937/10 Ref/ F 00N 200 088



Applications: CP3+CP4
Toyota d4d BH
Only nr.pump 0.445.010.105=134=113=112
Size: mm.20x32x7 double linenized
Material:VITON
Pack qty: 10 pcs

Applications: CP3
Material:VITON LINENIZED



Cod: 31.948
Ref/ F 00R 0P0 669=F 00N 202 337
Size: mm.25x37x7 Pack qty: 10 pcs

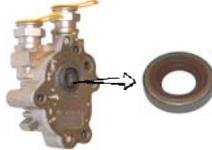
Cod: 31.948/6
Ref/ F 00R 0P0 521
Size: mm.25x36x7,3 Pack qty: 10 pcs

Cod: 31.940/10 Ref/ F 00R 0P1 535



Applications: CP3 0.445.010.043
VOLVO
Size: DOUBLE SEAL
Material:VITON
Pack qty: 10 pcs

Cod: 31.949 Ref/ 2 440 281 012



Applications: CP3 FUEL PUMP
Size: mm.18,8x10x5,2
Material:VITON
Pack qty: 10 pcs

Set for all injector Bosch System

Our Code	60.124/10	Ref/ F00VC99002 Ref/ F00RJ02176
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Traditional injector

Our Code	60.124/5	Ref/ F00VC99176S
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Multijet injector

Our Code	60.124/7	Ref/ F00VC99176S
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Injector Nr.0.445.120.012

Our Code **60.124/9** Ref/ F00VC99176S

Applications: Renault Premium/Midlum CP2

59.020 59.137

33.037/20

33.607/10

30.990 52.250

30.992/30

30.912 60.096/17



Injector Nr.0.445.120.044

Our Code **60.170** Ref/

Applications: Man TGA Engine D28

60.096/17 mm.1,33

33.607/10

33.037/20

52.378

59.134/5

30.990/2

30.990/4



Injector Nr.0.445.120.030=218

Our Code **60170/5** Ref/

Applications: Man TGA Engine D20

30.992/40 60.096/17 mm.1,33

33.607/10

33.037/20

52.378

59.134/5

30.990/2

30.990



Injector Nr.0.445.120.007 Tector

Our Code	60.144	Ref/
Applications:	Iveco Eurocargo 2003 1°Series	

- 30.912
- 30.992/30
- 30.990
- 60.096/17 mm.1,33
- 33.607/10
- 33.037/20
- 52.378
- 59.134/5



Injector Nr.0.445.120.054 Tector

Our Code	60.144/5	Ref/
Applications:	Iveco Eurocargo 2°Series	

- 30.989
- 30.992/30
- 30.990
- 60.096/17 mm.1,33
- 33.607/10
- 33.037/20
- 52.378
- 59.134/5



Injector Nr.0.445.120.004=020=019

Our Code	60.206	Ref/
Applications:	Renault Premium I dci	

- 33.037/20
- 33.607/10
- 59.137
- 30.788
- 30.912
- 60.096/17
- 30.992/30

Injector Nr.0.445.120.064 Euro 4/5

Our Code **60.208** Ref/

Applications: Renault Premium II dxi

Injector Nr./ - Euro 4/5 4.5/6.7 cc.

Our Code **60.210** Ref/

Applications: DAF LF Engine FR/GR **Paccar**

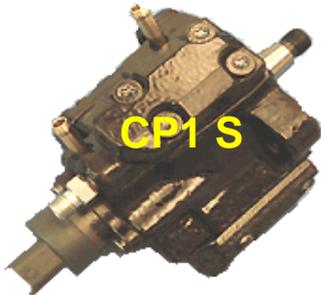
Injector Nr.

Our Code Ref/

Applications:

Code: 60.096

Ref/ F 01M 100 275



CP1 S



Reference complete pump: **0.445.010.006**

ALFA ROMEO 156/166 2.4 JTD=FIAT MAREA 2.4 JTD=LANCIA K/LYBRA/THESIS 2.4 JTD

Code: 60.096/30

Ref/ F 01M 100 275 S



CP1 K



CP1 K

Ref/complete pump
0.445.010.008
=004=015

Ref/complete pump
0.445.010.025



MERCEDES SPRINTER 2.1/2.2=VANEQ 1.7CDI+A160/170CDI E/C 200/220 CDI=SMART FORTWO 800 cc.CDI
IVECO DAILY Appl. 2 OIL SEALS

Code: 60.096/32

Ref/ F01M 100 275=276=277



CP1 K



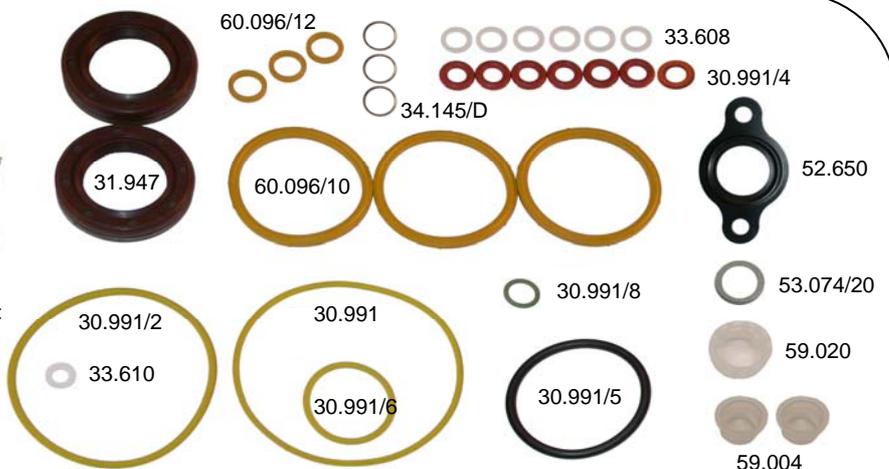
CP1 S

Ref/complete pump
0.445.010.080=019

Ref/complete pump:
0.445.010.009



PLASTIC CONNECTORS ARE NOT INCLUDED



FIAT 500/ALBEA/DOBLO'/FIORINO/GRANDE PUNTO/IDEA/PALIO/PANDA/PUNTO 1.3 JTD/JTDm=FIAT DUCATO 2.8 JTD
IVECO DAILY=LANCIA MUSA/YPSILON 1.3 JTD/JTDm=BMW X5 3.0D+330+525+530+730d=CITROEN JUMPER=PEUGEOT BOXER
=RENAULT MASCOTT 2.8 HD=FORD KA' II 1.3 TDCi=MERCEDES C+CLK+E+G+ML 270 CDI=RANGE ROVER III TD6

Code: 60.096/35



CP1 H



Reference complete pump: **0.445.010.150=156=097=123=130**

ALFA ROMEO 147/156/159 1.9 JTDm=FIAT BRAVO/CROMA/DOBLO'/MULTIPLA/STILO/SEDICI 1.9 JTD
LANCIA MUSA 1.3 JTDm=AUDI 2.7/3.0 TDI=VW TUAREG 3.0 TDI=OPEL ASTRA+SIGNUM+VECTRA+ZAFIRA 1.9 CDTI

Code: 60.096/37



CP1 H



Reference complete pump: **0.445.010.139=0.445.020.083**

CITROEN C-CROSSER/C8 2.2 Ddi=FIAT ULYSSE+LANCIA PHEDRA 2.2 16v JTD
FORD GALAXY/MONDEO/S-MAX 2.2 TDCi=LAND R.FREELANDER II 2.2 TD4=PEUGEOT 4007+407+607+807 2.2 HDi

Code: 60.096/40



CP1 H



Reference complete pump: **0.445.010.157=122**

FIAT DOBLO'/GRANDE PUNTO/IDEA/LINEA/STRADA+LANCIA MUSA/YPSILON 1.3 JTD/JTDm 16v.
ALFA ROMEO MITO 1.3 JTD+OPEL ASTRA/CORSA 1.3 CDTI

Code: **60.096/50**



CP1 H



Reference complete pump: **0.445.010.171=154=102**

AUDI A4 2.7/3.0 Tdi=AUDI A5 3.0 Tdi=A6 2.7/3.0 Tdi=Q7 3.0 Tdi=AUDI A8 3.0 TDi

Code: **60.190**



CP1 H



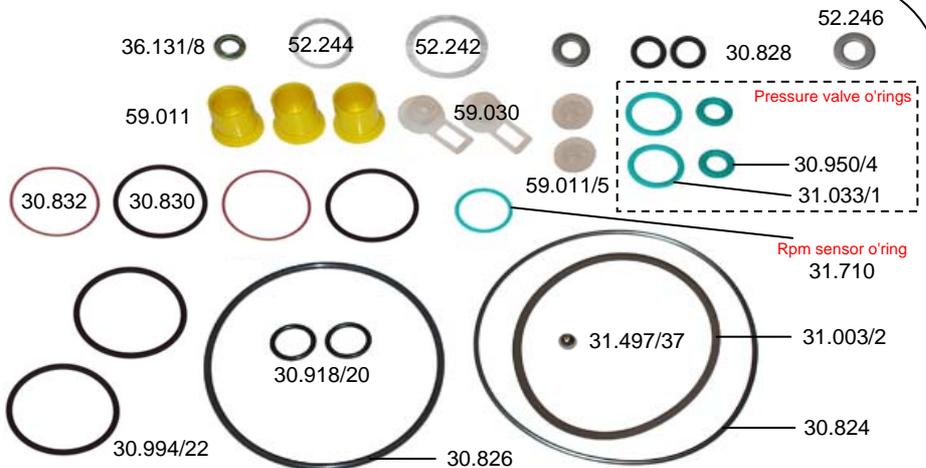
Reference complete pump: **0.445.010.170**

RENAULT Koleos/Laguna III 2.0 DCi

Code: **60.137/5**



CP 2



Reference complete pump: **0.445.020.012**

RENAULT MIDLUM II+PREMIUM II 160/190/220/240/280/320=VOLVO FE 240/280/320

Code: **60.137**



CP 3



Reference complete pump: **0.445.020.007**

CASE 821 E=IVECO EUROCARGO TECTOR 3.9+5.9=VW COSTELLATION=FORD F250 4X4

Code: **60.137/2**



CP 3



Reference complete pump: **0.445.020.030**

HUMMER H1 Alpha=CHEVY SILVERADO/GMC SIERRA 2500HD/3500 PICKUPS=GMC SAVANA
DURAMAX 6.6 engine Type LLY+LBZ Ref/ GM 97303762

Code: **60.137/6**



CP 3



Reference complete pump: **0.445.020.031**

DAEWOO

Code: 60.138

Ref/ F 00N 201 973=974=975=976



Reference complete pump: **0.445.010.143**

BMW 318+320+330+530+X5+X3 2.0=3.0D - IVECO DAILY 35+40+50+65 C Series - RENAULT ESPACE IV+LAGUNA+VEL SATIS 2.2 Dci=MERCEDES VITO=VIANO=SPRINTER=C=CLK=S=E=ML=CLS 210/220/270/280/320

Code: 60.138/5



Reference complete pump: **0.445.010.036**

AUDI A8 3.3 TDI QUATTRO

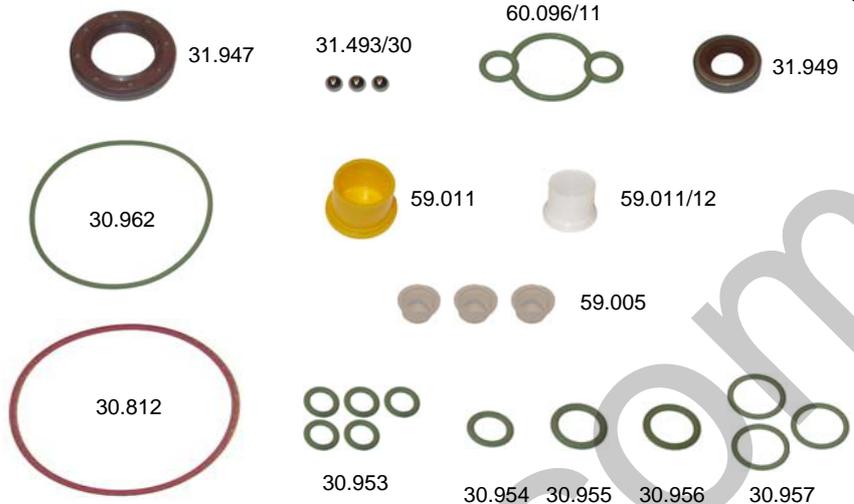
Code: 60.139



Reference complete pump: **0.445.010.029**

VW LT 28/35/46 2.8 TDI=AUDI A8 4.0=4.2 TDI - MERCEDES C 30 AMG CDI=E=G=ML=S 400 CDI

Code: **60.139/1**



Reference complete pump: **0.445.020.008**

FIAT Ducato 11/15/18 2.3 JTD/EGR=IVECO Daily 29/35/50 2.3 JTD

Code: **60.139/2**



Reference complete pump: **0.445.010.121**

HYUNDAI Santa fe/Tucson/i30/Sonata=KIA Carens/Sportage new 2.0/2.2 CRDi

Code: **60.139/3**



Reference complete pump: **0.445.010.108**

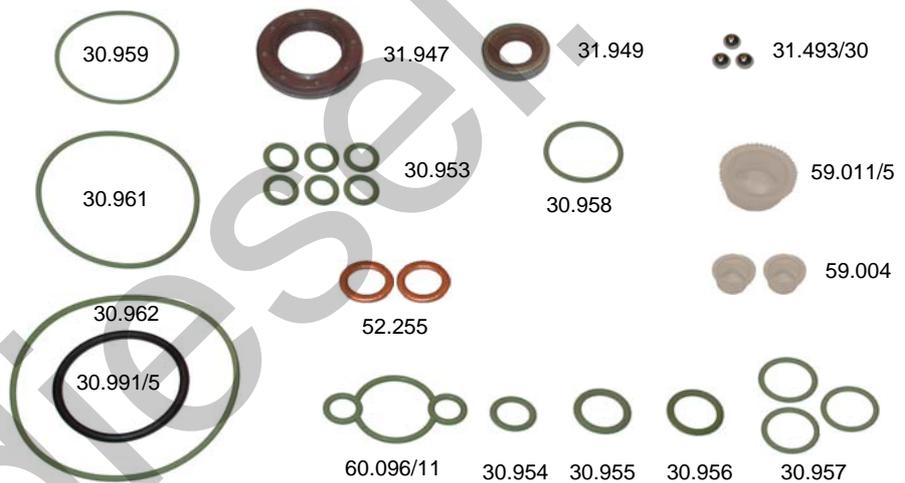
BMW 740 D ENGINE 398 D1 E 38/E65

Code: **60.139/4**



Reference complete pump: **0.445.010.045**
MERCEDES CLK/CLS 320CDI+E 280/320 CDI+ML 280/320 CDI+R/S 280/320 CDI+S 320 CDI
VITO 120 CDI+SPRINTER 218/318/418/518 CDI+VIANO 3.0 CDI

Code: **60.139/5**



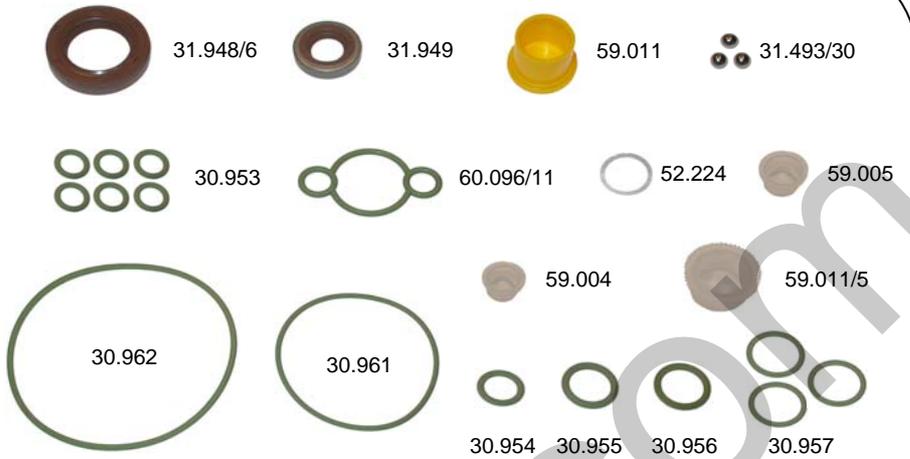
Reference complete pump: **0.445.010.075**
RENAULT ESPACE IV+LAGUNA II+MASTER+TRAFIC 1.9 Dci

Code: **60.139/6**



Reference complete pump: **0.445.010.043**
VOLVO S60+S80+V70+XC70+XC90 2.4D5=2.4D

Code: 60.139/8



Reference complete pump: **0.445.010.082**
AUDI A8 4.0 TDI QUATTRO 202 Kw. FROM 2003 TO 2005

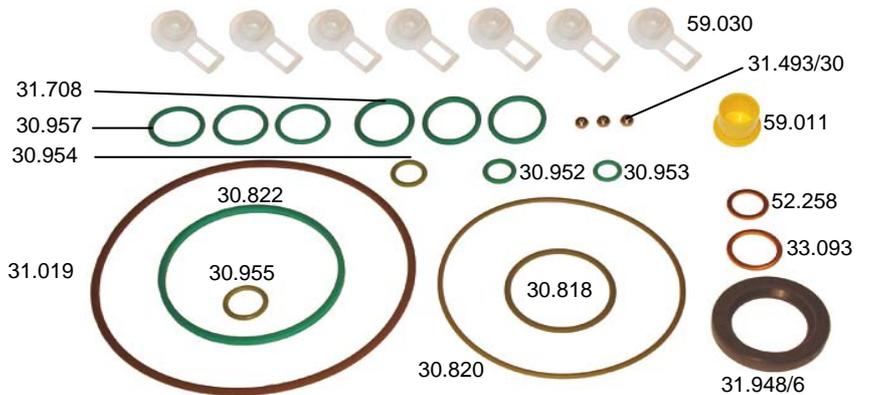
Code: 60.139/9



Reference complete pump: **0.445.010.052=101**
HYUNDAI Starex/Libero/Porter II/Avante/Matrix=KIA Cerato/Sorento 1.5/2.5 CRDi

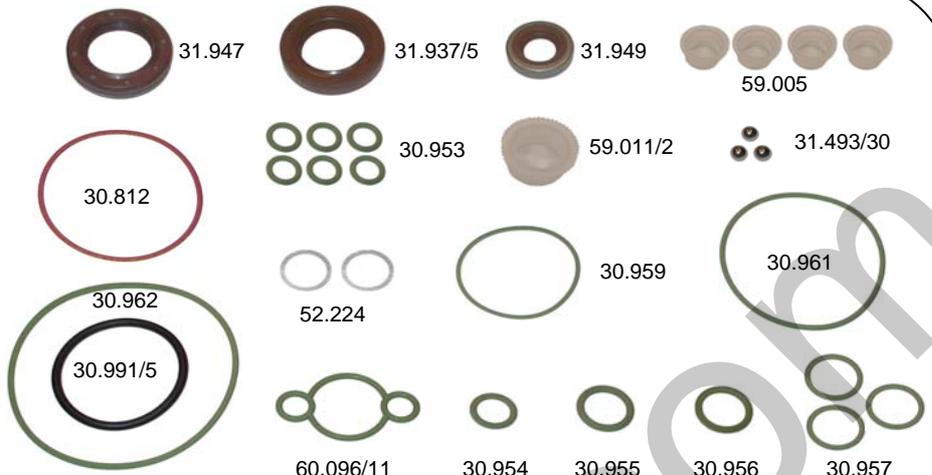
Code: 60.183

Reference complete pump: **0.445.020.018**
Engine D28 Common-rail YEAR 2002/2006
MAN TGA
Reference complete pump: **0.445.020.023**
Engine D20 Common-rail YEAR 2006/2007
MAN TGA/TGS/TGX



MAN D20 + D28 COMMON-RAIL

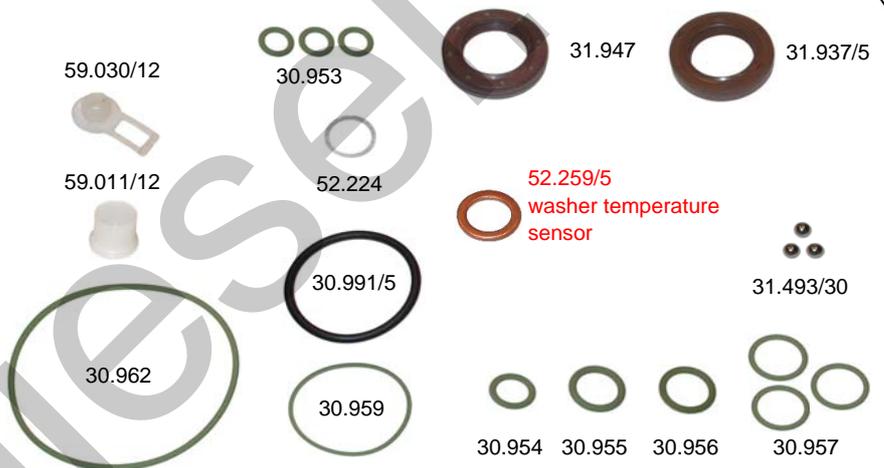
Code: **60.185**



Reference complete pump: **0.445.010.098+073+081+091+107+135+167+213**

IVECO DAILY 29/35/40/50/65 C14/17 2.3/3.0 JTD=FIAT DUCATO 2.3 JTD=MAZDA BT-50 2.5/3.0 TD
BMW 330+530+535+X3+X5 3.0D+MERCEDES E 270+280+320 CDI=G320 CDI+RENAULT VEL SATIS

Code: **60.186**



Reference complete pump: **0.445.010.096=120**

MERCEDES A+B 160/180/200 CDI=SMART FORFOUR 1.5 CDI

Code: **60.187**



Reference complete pump: **0.445.010.105=134=113=112**

TOYOTA AURIS/COROLLA/YARIS 1.4 D4D Engine 1NDTV

Code: 60.188



CP 3



Reference complete pump: **0.445.010.099**

RENAULT Espace IV/Laguna II/III/Megane II/Scenic II/Trafic/Vel Satis 2.0 Dci=NISSAN Primastar 2.0 DCi

Code: 60.189



CP 3



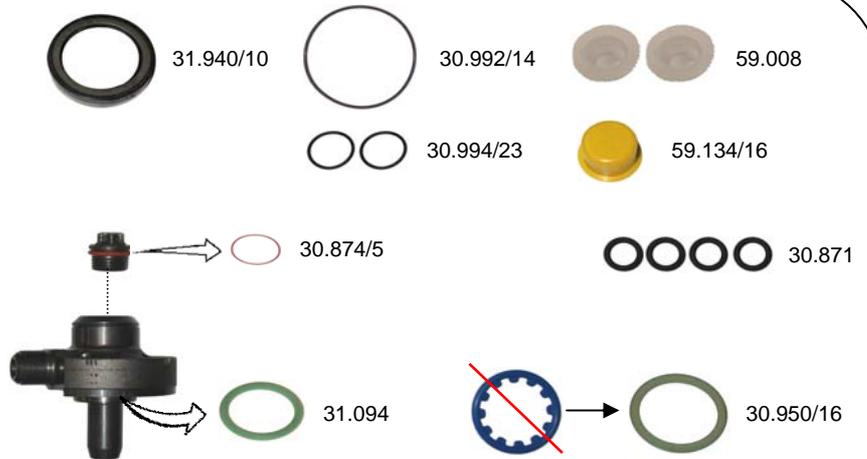
Reference complete pump: **0.445.020.043**

KOMATSU=CUMMINS 6.7 cc DIESEL

Code: 60.230
1 Plunger



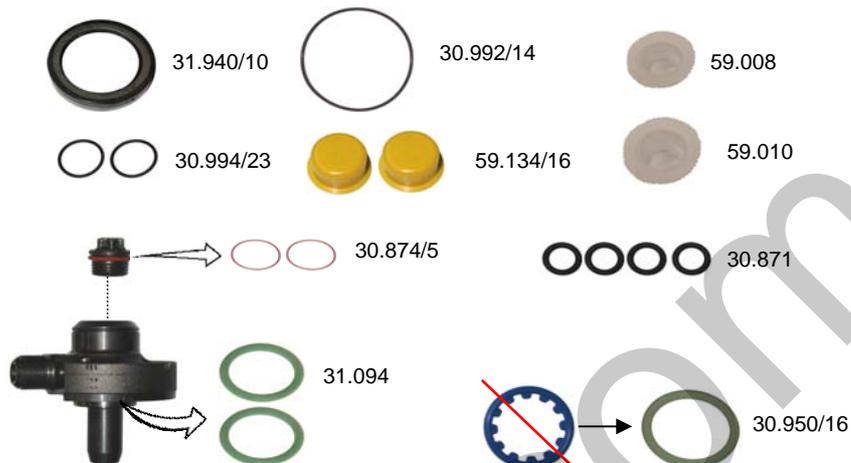
CP 4



Reference complete pump: **0.445.010.507**

AUDI A3/A4/A5/A6/Q5/TT=SEAT Leon/Exeo=SKODA Octavia/Superb/Yeti 2.0 TDI
VW Eos/Golf V/VI/Jetta/Multivan/Passat/Scirocco/Tiguan/Transporter T5 2.0 TDI

Code: 60.232
2 Plungers

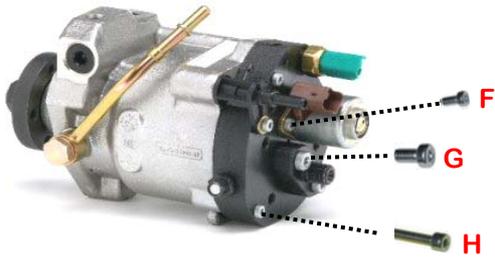


Reference complete pump: **0.445.010.611**
 AUDI A4/A5/A6/Q5/Q7 2.7/3.0 TDI=VW Phaeton/Tuareg 3.0 TDI

Code:

Reference complete pump:

SCREWS



Identification:

F	31.600/40	Drv torx screw
G	31.600/45	Plate torx screw
H	31.600/50	Head torx screw

Applications:

PUMP DELPHI

PARTS FOR TUBE



Code nr: **60.151/2**
Waste plastic connection mm.4

3 ways in plastic white color

Applications:

Bosch system common-rail

Code nr: **60.151**
Waste plastic connection mm.4

4 ways in plastic white color

Applications:

Bosch system common-rail



Code nr: **56.263**
LOW PRESSURE TEXTILE HOSE
mm.3,2x7 (qty pack 50 mt.)



Code nr: **56.263/5**
LOW PRESSURE TEXTILE HOSE
mm.3x7 (qty pack 20 mt.)

WASTE JOINT INJECTOR

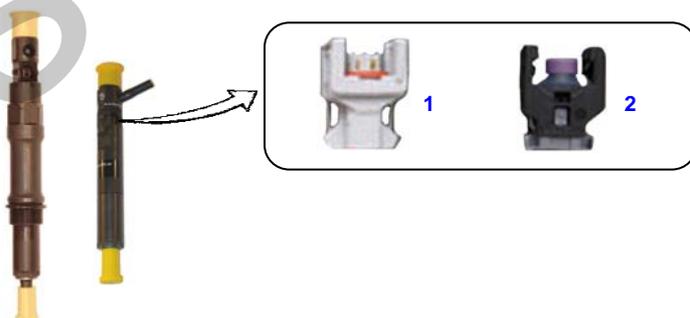


Code nr: **60.151/30**
Aluminium waste joint

2 ways 45°

Applications:

Delphi injectors



Electronic plastic connectors

1	Connector	Coming-soon
2	Connector	Coming-soon

Ford Mondeo III 16v. 2.0 Duratorq tdcj

Injector common-rail system DELPHI
Reference nr. EJDR00301Z=EJDR00101Z

Position	Our Code	Description
1	60.151/30	Plastic waste joint
2	30.920	O'ring plastic joint
3	30.790	Body o'ring (exterior)
4	80.002	Valve Ref/ 9308-621C
5	59.134/5	Plastic protection plug
6	59.011	Plastic protection plug Ø 14
7	Connector	Coming-soon
8	Connector	Coming-soon

Coming-soon

Nissan Almera/Micra 1.5 Dci

Injector common-rail system DELPHI
Reference nr.EJBR0180A

Position	Our Code	Description
1	53.267	Protection cup
2	59.011	Plastic protection plug Ø 14
3	59.134/5	Plastic protection plug
4	53.059/104	Nut Ref/ 9308-002C
4	53.059/106	Nut Ref/ 9308-002D
5	80.002	Valve Ref/ 9308-621C
6	Connector	Coming-soon
7	Connector	Coming-soon

Coming-soon

INJECTION PUMPS SPARE PARTS

Injection pump **DELPHI**

Position	Our Code	Description
1	59.011	Plastic protection plug
2	56.216	Drilled bolt mm.12x1,5
3	52.256	Washer copper mm.12x18x1,5
4	59.134/5	Plastic protection plug
5	Screws	See page 13-40
6	31.949/5	Oil seal Ref/ 9307-401A
6	31.949/10	Oil seal Ref/ 9307-402A
6	31.949/15	Oil seal Ref/ 9307-408A
6	31.949/20	Oil seal Ref/ 9307-410A=409A
7	Connector	See category nr.18

59.136
Protection
Ø 9/10

59.137
Protection
Ø 7/8

59.137/5
Protection Ø 5 mm.24,4

59.137/10
Protection Ø 9,9 mm.26

INJECTION PUMPS REPAIR KIT

Code: 60.139/7
Ref/ 7135-479=7135-539

Ref/complete pump:
9044A 013A

Ref/complete pump:
9042A 000A

Oil seal are not included

30.914/5
Or hydraulic head

59.011

59.136

59.137

52.314

30.872

59.137/5

59.137/10

43.011

30.868

30.860

30.866

30.858

30.854

30.955

CITROEN C3+FORD FOCUS TDCi=NISSAN MICRA+XTRAIL+ALMERA=RENAULT+NISSAN+FORD+KIA+MERCEDES

Cod: 31.949/5 Ref/ 9307-401A

Applications: **DELPHI**
FORD FOCUS TDCi 115 hp.
RENAULT=NISSAN=KIA=HYUNDAI

Size: mm.20x32x6
Material:VITON LINENIZED
Pack qty: 10 pcs

Cod: 31.949/15 Ref/ 9307-408A

Applications: **DELPHI**
FORD MONDEO TDCi 130 hp.

Size: mm.22,5x34,5x6
Material:VITON LINENIZED
Pack qty: 10 pcs

Cod: 31.949/10 Ref/ 9307-402A

Applications: **DELPHI**
FORD FOCUS TDCi 115 hp.

Size: mm.20x33x6
Material:VITON LINENIZED
Pack qty: 10 pcs

Cod: 31.949/20

Ref/ 9307-410A ex 409A

Applications: **DELPHI**
FORD FOCUS TDCi 130 hp.

Size: mm.22,5x35,5x6
Material:VITON LINENIZED
Pack qty: 10 pcs

Identification:

Applications:

Identification:

Applications:

Identification:

Applications:

Identification:

Applications:

Identification:

Applications:

Identification:

Applications:

SCREWS



Identification:

COMING-SOON

Applications:

DENSO HP0

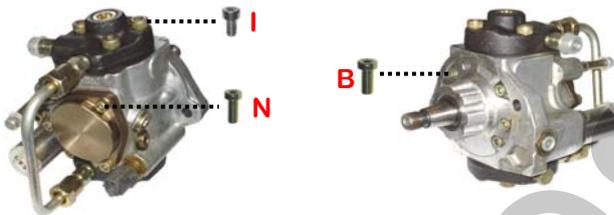


Identification:

- C** 31.600/10 Sensor torx screw
- D** 31.600/30 Head torx screw
- N** 31.600/75 Flange torx screw

Applications:

DENSO HP2

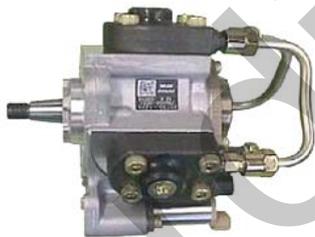


Identification:

- B** 31.600/5 Plunger torx screw
- I** 31.600/90 Cover torx screw
- N** 31.600/75 Cover torx screw

Applications:

DENSO HP3



Identification:

COMING-SOON

Applications:

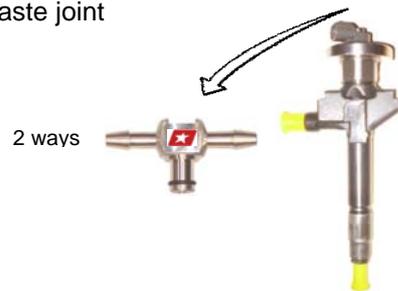
DENSO HP4

WASTE JOINT INJECTOR

Code nr: **60.151/35**
Steel waste joint



Code nr: **60.151/40**
Steel waste joint



Mazda 6 td 136 hp

Injector common-rail system DENSO
Reference nr.5031 08D 07474- 1pin

Position	Our Code	Description
1	60.151/35	Aluminum waste joint 1 way
2	60.151/40	Aluminum waste joint 2 ways
3	31.086	O'ring Aluminum joint
4	52.385	Washer mm.2
5	31.084/4	O'ring spool injector
6	59.011	Plastic protection plug Ø 14
7	59.134/5	Plastic protection plug
8	Valve	Coming-soon
9	Pin	Coming-soon

Toyota Rav 4 d4d engine

Injector common-rail system DENSO
Reference nr.23670-30030- 2pin

Position	Our Code	Description
1	30.794	O'ring spool injector
2	59.002	Plastic protection plug
3	59.134/5	Plastic protection plug
4	59.011/12	Plastic protection plug
5	52.384	Washer mm.1,5
6	Valve	Coming-soon
7	Pin	Coming-soon
8	53.179/26	Spring
9	Shims	See page 6-44 mm.6,8x3,2
10	31.000/5	Body o'ring (exterior)
11	53.264/18	Spacer
12	Dowel pin	Coming-soon
13	53.059/96	Nozzle nut



Injection pump DENSO HP 0

Position	Our Code	Description
COMING-SOON		



Injection pump DENSO HP 2

Position	Our Code	Description
COMING-SOON		



Injection pump DENSO HP 3

Position	Our Code	Description
COMING-SOON		

Injection pump DENSO HP 4



Position	Our Code	Description
COMING-SOON		



Cod: 31.902/5 Ref/ 294197-0010

Applications: **DENSO HP3**
 Size: mm.20x30x6/7
 Material: NBR
 Pack qty: 10 pcs



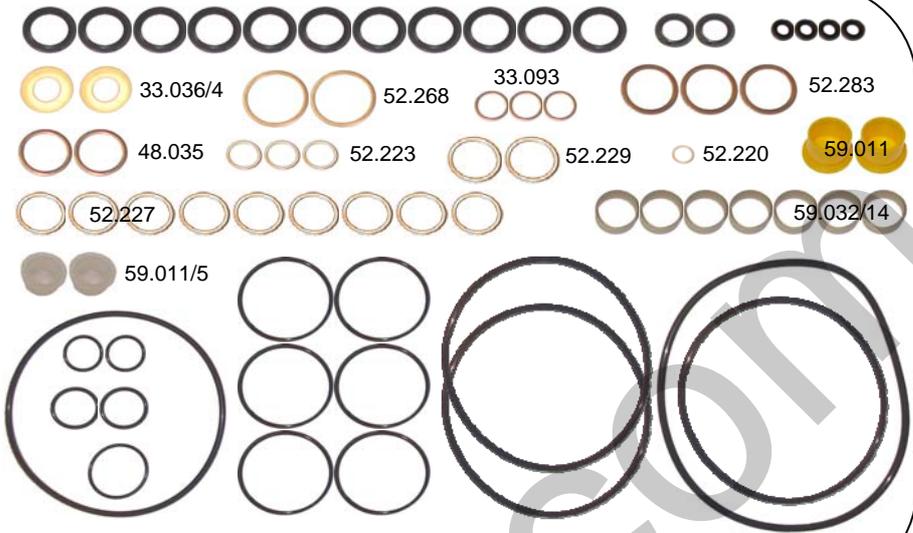
Cod: 31.940/15 Ref/ 097397-0010

Applications: **DENSO HP2**
 Size: mm.25x38x6,5
 Material: VITON
 Pack qty: 10 pcs

Code: 60.166/2
Ref/ 094040-0010



HP0

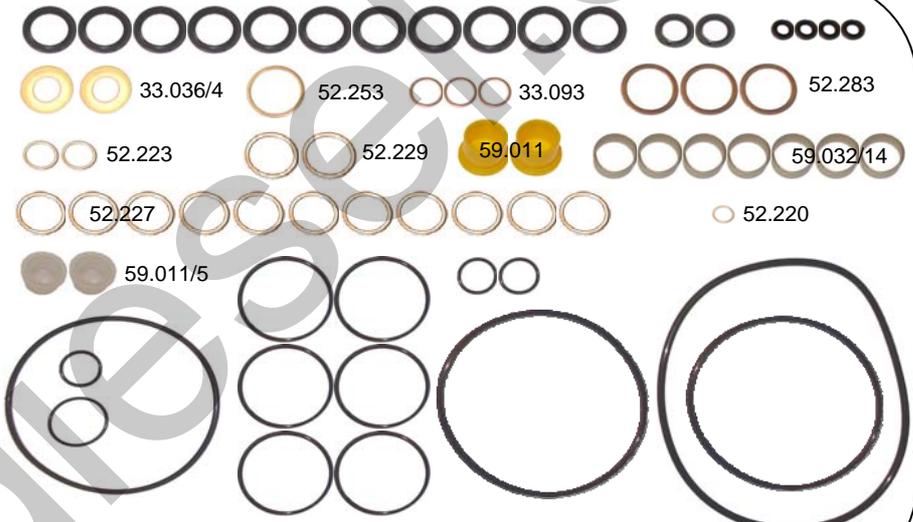


Reference complete pump: **094000-0055**
Mitsubishi Great

Code: 60.166/3
Ref/ 094040-0030



HP0

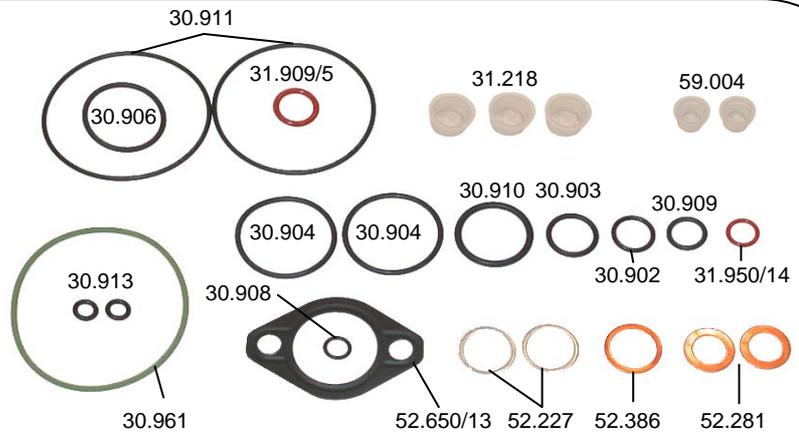


Reference complete pump: **094000-0310 John Deere RE501640=RE518423**
John Deere tractor series 20

Code: 60.166
Ref/ 294009-0030



HP3



Oil seal our code **31.902/5** Ref/ 294197-0010 are not included.

TOYOTA=NISSAN ALMERA+PRIMERA 2.2

Code: 60.166/5

Ref/ 097490-0010



TOYOTA AVENSIS+COROLLA+PREVIA+RAV 4 D4D Engine

Code: 60.166/4

Ref/ 294009-0050=0051



Reference complete pump: 294050-0060 John Deere RE519597
John Deere tractor series 30

Identification:

- B** 31.600/5 Cover torx screw
- E** 31.600/35 Flange torx screw
- D** 31.600/30 Secure valve torx screw

Applications: **SIEMENS**

Identification:

- D** 31.600/30 Secure valve torx screw
- G** 31.600/45 PA torx screw

Applications: **SIEMENS NR.PUMP 5WS40273**

Identification:

- G** 31.600/45 PA torx screw
- Q** 31.600/98 Flange torx screw

Applications: **SIEMENS VDO PCR 2.3 LION V6 EURO 4**

Identification:

COMING-SOON

Applications: **FORD FOCUS 1.8 TDCI**
Reference complete pump: **5WS40094=4M5Q9B395AD**

PA Siemens

Identification:

- E** 31.600/30 Secure valve torx screw
- F** 31.600/45 PA Cover torx screw

Applications: **Pump Nr. 5WS40273**

Identification:

Applications:



Code nr. **30.914/10** Viton O'ring

Applications:

Secure valve SIEMENS pump



Code nr. **30.950/18** Viton o'ring

Applications:

Secure valve SIEMENS pump



Code nr. **31.000/5** Viton o'ring

Applications:

Secure valve SIEMENS pump



Code nr. **30.950/18** Viton o'ring

Applications:

Secure valve SIEMENS pump



Code nr. **30.910** Viton o'ring

Applications:

Secure valve SIEMENS pump

Code nr.

Applications:

PARTS FOR TUBE



Code nr: 60.151/2
 Waste plastic connection mm.4
 3 ways in plastic white color
Applications:

Siemens system common-rail



Code nr: 60.151
 Waste plastic connection mm.4
 4 ways in plastic white color
Applications:

Siemens system common-rail



Code nr: 56.263
LOW PRESSURE TEXTILE HOSE
 mm.3,2x7 (qty pack 50 mt.)



Code nr: 56.263/5
LOW PRESSURE TEXTILE HOSE
 mm.3x7 (qty pack 20 mt.)

WASTE JOINT INJECTOR



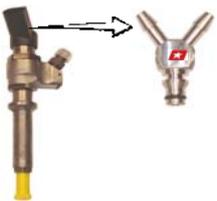
Code nr: 60.151/20
 Aluminium waste joint
 1 way
Applications:

Siemens injectors



Code nr: 60.151/27
 Aluminium waste joint
 2 ways 45°
Applications:

Siemens injectors



Code nr: 60.151/23
 Aluminium waste joint
 2 ways Y type
Applications:

Siemens injectors for Psa engine



Code nr: 60.151/29
 Aluminium waste joint
 2 ways 45°
Applications:

Siemens injectors



Code nr: 60.151/25
 Aluminium waste joint
 2 ways
Applications:

Siemens injectorse



O'ring Cod: 31.086



60.151/5 Clip Ref/ 11800-001-001Z
 Injector nr.5WS40148-Z euro 3 - Peugeot 307=1007+Citroen C1=C2=C3+Ford Fiesta Fusion
 Injector nr.5WS40149-Z euro 4 - Peugeot 307=1007+Citroen C1=C2=C3+Ford Fiesta Fusion



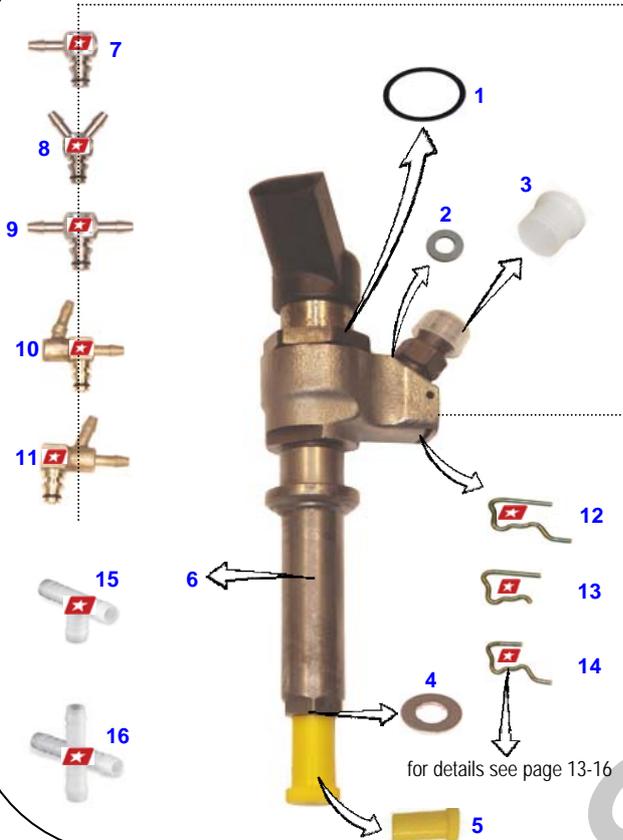
60.151/10 Clip Ref/ 11800-001-002Z
 Injector nr.5WS40156-4Z class 4 - Peugeot 307=407=607=807+Citroen C5=C8=Xsara+Ford C max+Volvo V50=V60
 Injector nr.5WS40156-Z class 5 - Peugeot 307=407=607=807+Citroen C5=C8=Xsara+Ford C max+Volvo V50=V60



60.151/15 Clip Ref/ 11800-001-003Z
 Injector nr.5WS40000-Z - Peugeot 307=Partner=406=Facelift=407+Citroen Berlingo=Xsara=C5

Citroen C5/Berlingo 2.0 hdi

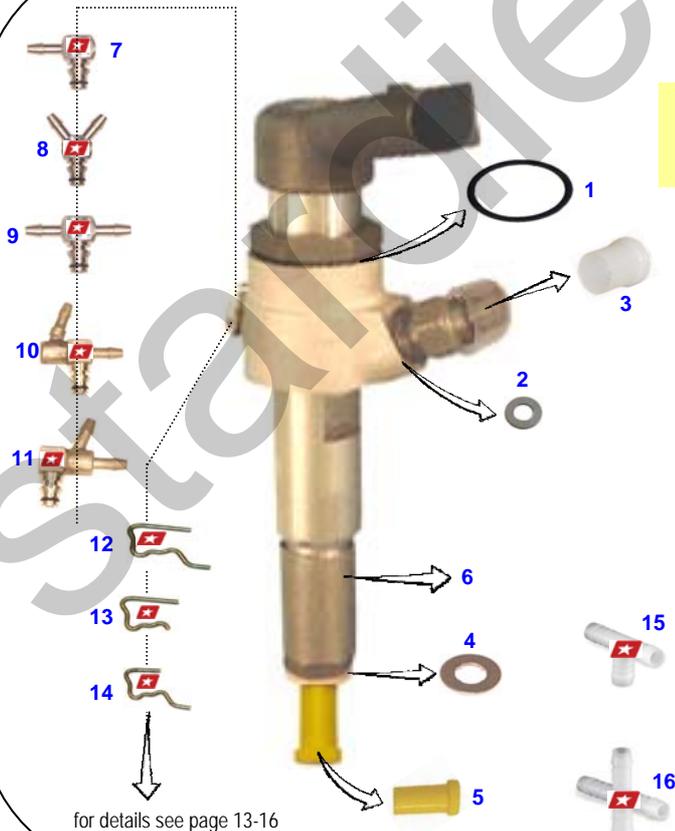
Injector common-rail system SIEMENS Reference nr.5WS4000-Z



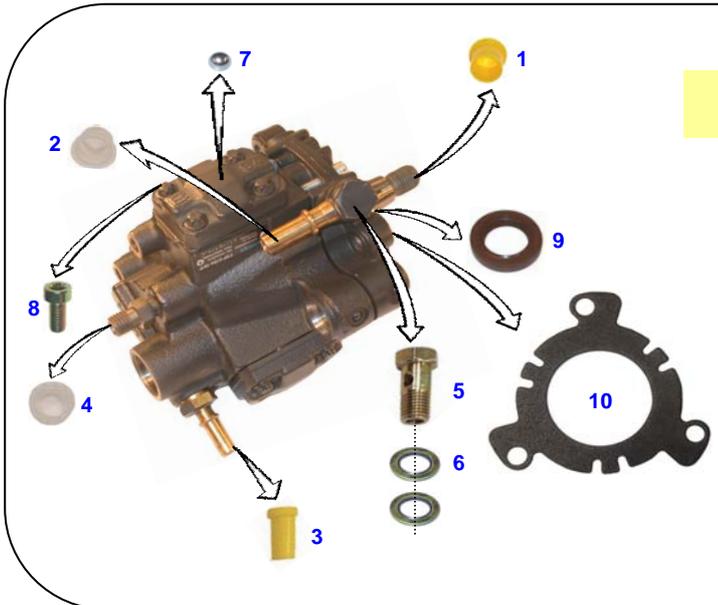
Position	Our Code	Description
1	30.792	O'ring spool injector
2	53.073	Iron washer mm.10x5x1,5
3	59.011/12	Plastic protection plug
4	Washer	See page 6-56
5	59.134/5	Plastic protection plug
6	53.059/114	Nozzle nut
7	60.151/20	Aluminium waste joint 1 way
8	60.151/23	Aluminium waste joint 2 ways
9	60.151/25	Aluminium waste joint 2 ways
10	60.151/27	Aluminium waste joint 2 ways
11	60.151/29	Aluminium waste joint 2 ways
12	60.151/5	Clip Ref/ 11800-001-001Z
13	60.151/10	Clip Ref/ 11800-001-002Z
14	60.151/15	Clip Ref/ 11800-001-003Z
15	60.151/2	Plastic connection 3 ways
16	60.151	Plastic connection 4 ways

Citroen/Ford/Mazda/Toyota 1.4 cc. Euro 4

Injector common-rail system SIEMENS Reference nr.5WS40148-Z

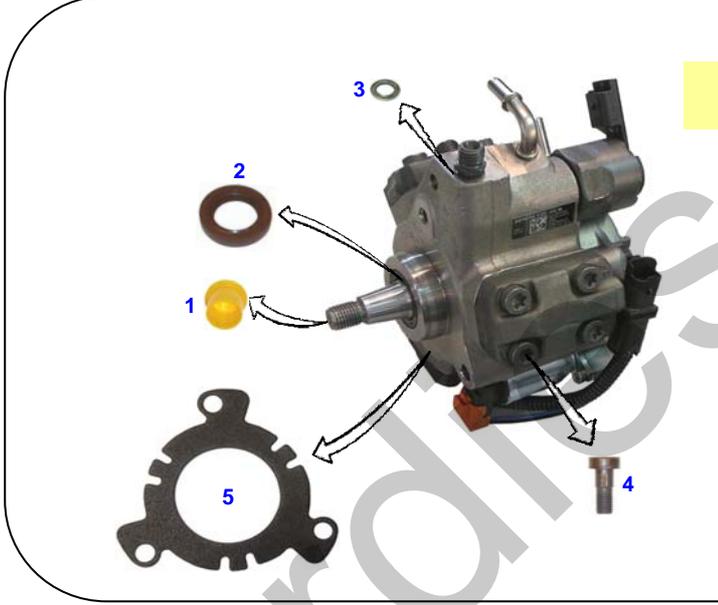


Position	Our Code	Description
1	30.792	O'ring spool injector
2	53.073	Iron washer mm.10x5x1,5
3	59.011/12	Plastic protection plug
4	Washer	See page 6-56
5	59.134/5	Plastic protection plug
6	53.059/112	Nozzle nut
7	60.151/20	Aluminium waste joint 1 way
8	60.151/23	Aluminium waste joint 2 ways
9	60.151/25	Aluminium waste joint 2 ways
10	60.151/27	Aluminium waste joint 2 ways
11	60.151/29	Aluminium waste joint 2 ways
12	60.151/5	Clip Ref/ 11800-001-001Z
13	60.151/10	Clip Ref/ 11800-001-002Z
14	60.151/15	Clip Ref/ 11800-001-003Z
15	60.151/2	Plastic connection 3 ways
16	60.151	Plastic connection 4 ways



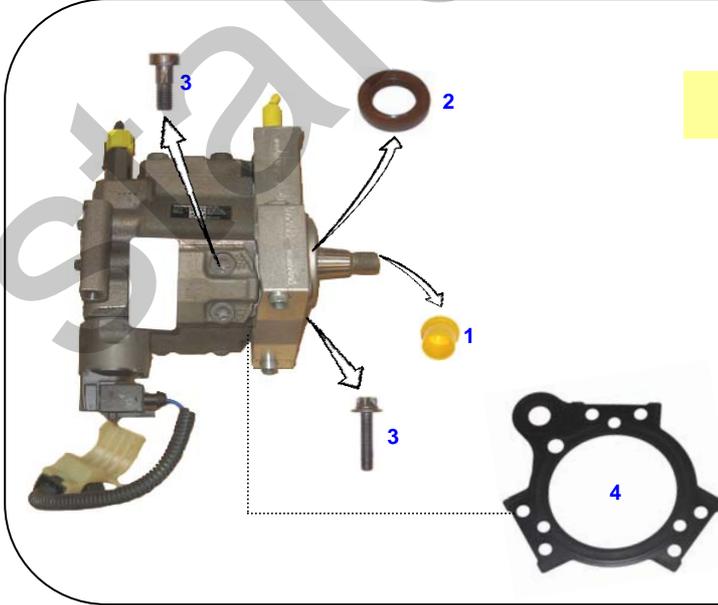
Injection pump SIEMENS

Position	Our Code	Description
1	59.011	Plastic protection plug
2	59.005	Plastic protection plug
3	59.134/5	Plastic protection plug
4	59.020	Plastic protection plug
5	56.216	Drilled bolt mm.12x1,5
6	36.131/12	Bonded seal mm.12
7	60.096/20	Sphere pump mm.3
8	Screws	See page 13-50
9	31.937/5	Oil seal mm.20x32x7
9	31.947	Oil seal mm.20x31x7,3
10	52.650/22	Flange washer



Injection pump SIEMENS 5WS 40273

Position	Our Code	Description
1	59.011	Plastic protection plug
2	Oil seal	Coming soon
3	53.074/5	Iron washer
4	Screws	See page 13-50
5	52.650/22	Flange washer

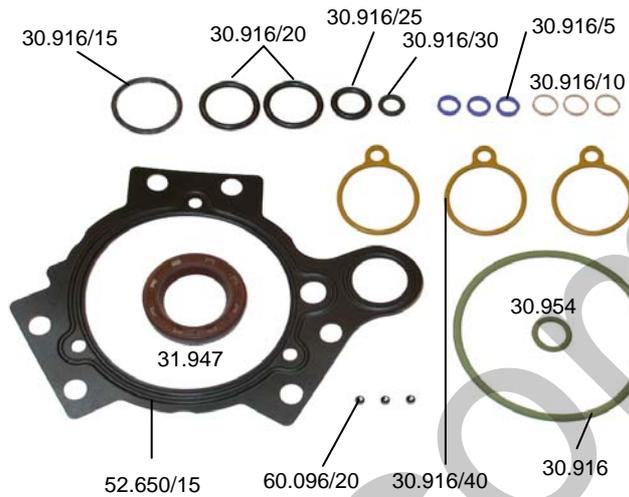
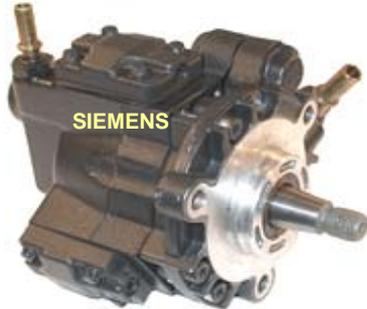


Injection pump SIEMENS 5WS 40157

Position	Our Code	Description
1	59.011	Plastic protection plug
2	31.947	Oil seal
3	Screws	See page 13-50
4	52.650/23	Gasket

Code: 60.143

Ref/ X39-800-300-001Z

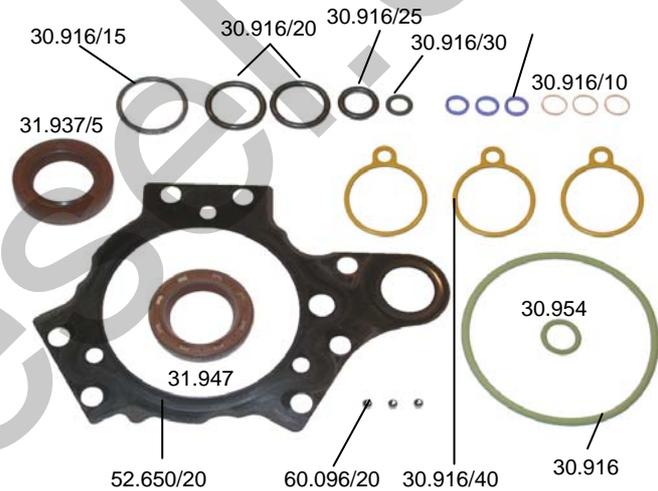
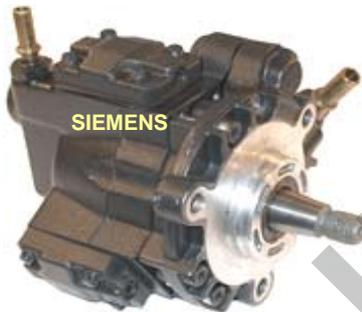


Reference complete pump: **5WS40018-Z +A2C59511605+A2C59511609**

Peugeot Partner,406,307,407+Citroen Berlingo,C5=Renault Clio,Scenic,Megane=Ford S-max,Galaxy,C-max,Mondeo,Connect
 Engine DW10TD 2.0 cc. 8 VALVES

Code: 60.143/3

Ref/ X39-800-300-020Z

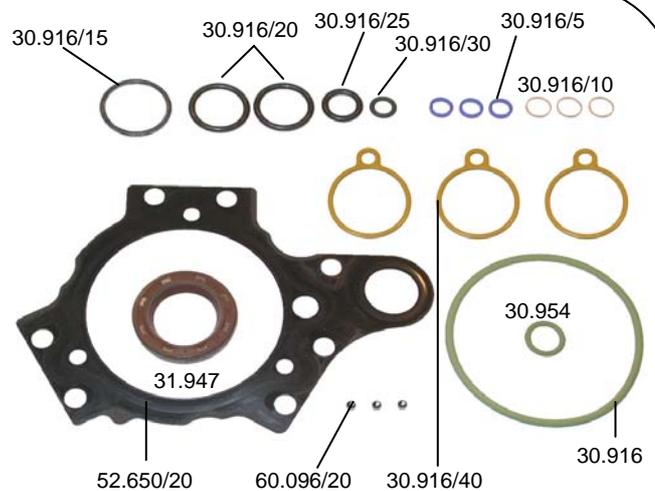


Reference complete pump: **2 oil seals 5WS40019-Z=5WS40163Z=A2C59511600**

Peugeot 307,407,607,807+Citroen C4,C5,C8,Picasso=Ford C-MAX+Volvo C30,S40,V50
 Engine DW10BTED 2.0 cc. 16 VALVES

Code: 60.143/5

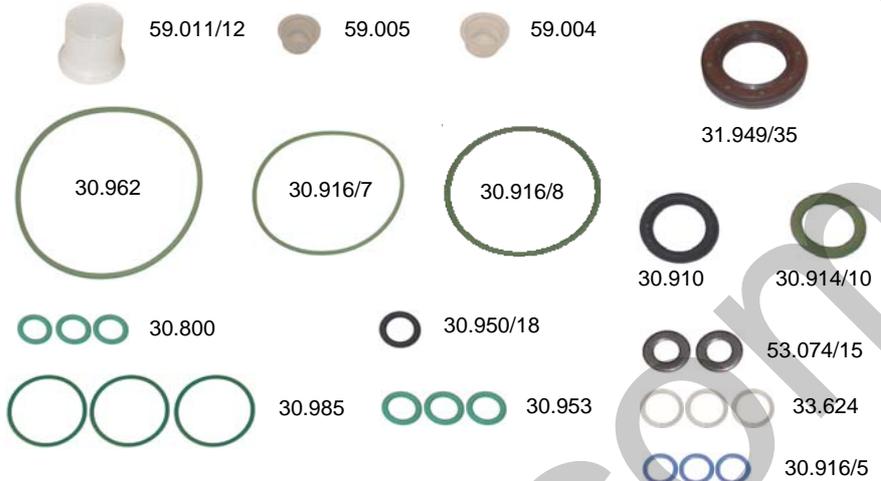
Ref/ X39-800-300-019Z



Reference complete pump: **5WS40008-Z**

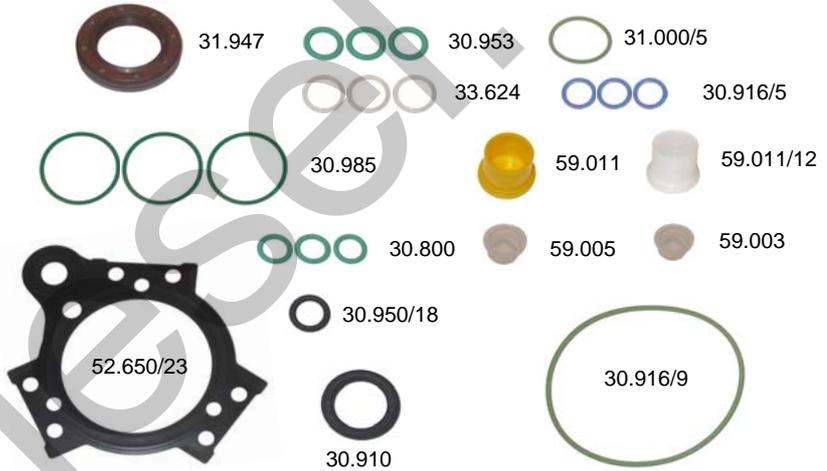
Ford Fiesta,Fusion+Citroen C1,C2,C3=Peugeot 307,1007+Mazda 2+Toyota Aygo
 Engine DV4TD 1.4 cc. Euro 4

Code: 60.143/6



Reference complete pump: **5WS40273**
Land rover Discovery=Ford

Code: 60.143/8



Reference complete pump: **5WS40157=A2C59511314**
Range rover Sport, Land rover Discovery=Jaguar S-Type=Peugeot 407/607=Citroen C6 Blue 2.7 cc. Euro 3/4

Code: 60.214



Reference complete pump: **5WS40094=4M5Q9B395AD**
FORD Focus 1.8 TDCi



SIEMENS



DELPHI



DENSO



BOSCH

AFTL128

ALLA118P1357 ★
 ALLA133P814-J
 ALLA139P851-J
 ALLA142P793-J
 ALLA142PM604
 ALLA143P761-J
 ALLA143P1404 ★
 ALLA143P1069/ ★
 ALLA145P864-J
 ALLA145P870-J
 ALLA145P926+
 ALLA145P928+
 ALLA145P978
 ALLA145P999
 ALLA146P768-J
 ALLA146P1296
 ALLA146P1405/ ★
 ALLA146P1406/ ★
 ALLA146P1545 ★
 ALLA146P1581 ★
 ALLA147P747-J
 ALLA147P788
 ALLA148P765-J
 ALLA148P800-J
 ALLA148P817-J
 ALLA148P826-J
 ALLA148P924-J ★
 ALLA148P1067
 ALLA148P1334 ★
 ALLA148P1347
 ALLA149P1471/ ★
 ALLA149P786-J
 ALLA150FL121
 ALLA150P815-J
 ALLA150P866-J
 ALLA150P1011/
 ALLA150P1076
 ALLA150P1197/
 ALLA150P1224
 ALLA150P1437 ★
 ALLA150P815-J
 ALLA150P866-J
 ALLA150P914-J
 ALLA150PM1600
 ALLA152P805-J
 ALLA152P862-J
 ALLA152P980-J
 ALLA153P884-J

FORD TRANSIT Ref/ L128PBD

CUMMINS Ref/ 0433171843=3965721
 DENSO DLLA133P814
 DENSO DLLA139P851 Ref/ 095000-5480 JOHN DEERE Applications
 DENSO Ref/ 095000-0801
 PEUGEOT 1007+CITROEN C1/C2/C3+FORD FIESTA Ref/ M0604P142
 DENSO DLLA143P761 Ref/ 095000-0562
 VW VAN Ref/ 0433171870
 RENAULT Ref/ 820084534
 DENSO DLLA145P864 TOYOTA VIGO
 DENSO DLLA145P870 MITSUBISHI TRITON
 BMW 330D/XD/530D/730D/X5 3.0D
 BMW 13537785983+ LAND ROVER FREELANDER I 2.0 TD4
 CHRYSLER VOYAGER 2.5/2.8 CRD Ref/ 05066820AA
 RENAULT KERAX/PREMIUM 370 Dci with pump CP2
 DENSO DLLA146P768
 OPEL MOVANO+RENAULT MASTER 2.5 Dci 16v.
 SUITABLE ON INJECTOR NR.0445120040
 SUITABLE ON INJECTOR NR.0445120041
 CUMMINS Ref/ 0433171953=3999834
 KHD Ref/ 0433171968=04290987
 TOYOTA AVENSIS 2.0 D4D Ref/ 095000-0570
 TOYOTA SR
 NISSAN XTRAIL 2.2 Ref/ 095000-0510
 DENSO DLLA148P800 NISSAN PRIMERA
 OPEL ASTRA 1.7 Cdti Ref/ 095000-5084
 DENSO DLLA148P826
 OPEL MERIVA
 VW LT 28/35/46 2.8 Tdi+CHEVY BLAZER 2.8 DE+NISSAN FRONTIER 2.8
 ISUZU Ref/ 897363 812-0-2-3
 FIAT=OPEL ASTRA/VECTRA/ZAFIRA 1.9 Cdti Ref/ 0433171838
 CITROEN C3/C4/XSARA/BERLINGO+FOCUS/FUSION+PEUGEOT 307 1.6cc.
 DENSO Ref/ 095000-0761
 FORD FOCUS 1.8 Tdci Ref/ L121PBD
 DENSO Ref/ 095000-0761 TOYOTA AVENSIS VERSO 2.0
 DENSO DLLA150P866
 HYUNDAI ACCENT II/MATRIX 1.5 CRDi/SANTA FE'/TRAJET 2.0 CRDi
 RENAULT KERAX/PREMIUM 370/420 Dci with pump CP2
 HYUNDAI SANTA FE'/TUCSON+KIA 2.0 CRDi-VGT
 FIAT DOBLO'/IDEA/PANDA/G.PUNTO+LANCIA MUSA/Y 1.3 MULTIJET
 ALFA MITO+FIAT 500/PANDA/QUBO+OPEL CORSA 1.3 Ref/ 0433171889
 TOYOTA AVENSIS VERSO 2.0 D4D Ref/ 095000-7580
 DENSO Ref/ DLLA150P866
 DENSO Ref/ DLLA150P914
 FORD RANGER 3.0 Ref/ M1600P150
 MAZDA 5/6 2.0 Ref/ 095000-5030
 DENSO Ref/ DLLA152P862
 DENSO Ref/ DLLA152P980
 DENSO Ref/ DLLA153P884

(Manufacturer's reference numbers have only an indicative purpose)

**SIEMENS****DELPHI****DENSO****BOSCH**

ALLA153P1270+		MERCEDES C/E/S/ 200/220/270/280/320 CDI
ALLA153PM003		PEUGEOT +CITROEN+VOLVO V50/V60 EURO 4/5 Ref/ M0003P153
ALLA155P750-J	★	DENSO DLLA155P750
ALLA155P753-J		TOYOTA LAND CRUISER Ref/ 095000-0750
ALLA155P818-J		DENSO Ref/ DLLA155P818
ALLA155P848-J	★	DENSO DLLA155P848
ALLA155P863-J		DENSO DLLA155P863 Ref/ 095000-5921
ALLA155P880-J		DENSO DLLA155P880 Ref/ 095000-7030
ALLA155P965-J	★	DENSO DLLA155P965
ALLA155P985-J		TOYOTA LAND CRUISER DENSO DLLA155P985 Ref/ 095000-5890
ALLA156P1107+		MERCEDES VITO 108/110/112/E/ML/S/V/CLK 200/220/320/370 CDI
ALLA156P1111		MERCEDES G 270 CDI/E/ML/S 400 CDI/SPRINTER
ALLA156P1114		HYUNDAI H1/STAREX (INJ.0 445 110 091) KIA SORENTO 2.5 CRDI
ALLA156P1265+		MERCEDES C30 CDI AMG/C30 CDI AMG Ref/ MB6120700287
ALLA156P1367	★	HYUNDAI PORTER II 2.5 CRDi Ref/ 0433171847=F01G00100F
ALLA156P1368		HYUNDAI LIBERO/STAREX+KIA SORENTO 2.5 CRDI
ALLA156P889/		MERCEDES SPRITER 208/308/408 CDI 2.2cc
ALLA158P844-J		DENSO DLLA158P844 Ref/ 095000-5342
ALLA158P854-J		DENSO DLLA158P854 Ref/ 95000-5471
ALLA158P1385		ISUZU Ref/ 897303657C
ALLA160P1032+		MERCEDES CITARO
ALLA160P1063+		BMW 320D/330D/530D/730D/740D
ALLA160P1308	★	BMW Ref/ 7791518
ASLA124P1309		CUMMINS Ref/ 0433175390=470=3964273=3968158
ASLA124P1659		DODGE RAM 2500/3500 CUMMINS Ref/ 4937700=4940051
ASLA136P804		IVECO DAILY/DUCATO 2.8/ RENAULT MASTER 2.8
ASLA140P1033/		IVECO DAILY 29L 10/L12/35C10/C12/35S10/S12//RENAULT MASTER
ASLA140P1061+		VOLVO Ref/ 8627319
ASLA140P1124		RENAULT/MACK TRUCKS
ASLA140P1142		RENAULT ESPACE IV+LAGUNA II+MASTER+MEGANE+SCENIC 1.9 DCI
ASLA140P862+		REMAULT MEGANE/ LAGUNA 1.9 DCI
ASLA142P1474		FIAT ULYSSE/DUCATO 2.0 JTD ENGINE PSA
ASLA142P795		CITROEN XANTIA+PEUGEOT 406 2.0 HDI
ASLA142P988+		FIAT ULYSSE 2.0 JTD (MOTORE PEUGEOT)
ASLA142PM604	★	PEUGEOT 307/1007+CITROEN C1/C2/C3+FIESTA FUSION Ref/M0604P142
ASLA142PV600		PEUGEOT 406/407+CITROEN BERLINGO/XSARA/C5 Ref/ M0600P142
ASLA143P970		IVECO 100 E 17/65+CUMMINS Ref/ 4 897 271/4 897 040+2 830 224
ASLA143P1058		CUMMINS Ref/ 0433175309=4640589
ASLA143P1404		VW CONTELLATION+VOLKSBUS+13.180/15.190 ELECTRONIC
ASLA144FL087		RENAULT CLIO/DELPHI EQUIP. L087PBD
ASLA144FL120		RENAULT/DELPHI EQUIP. L120PBD
ASLA144P1021		JTD/FIAT,LANCIA,ALFA ROMEO
ASLA144P1295		ALFA ROMEO 147/156/166(1.9/2.4 JTD)
ASLA144P971+		CITROEN 2.0 HDI/PEUGEOT 2.0 HDI
ASLA144P973+		FIAT PUNTO JTD
ASLA144PV602		TOYOTA AYGOMAZDA 2=PEUGEOT/CITROEN 2.2 HDI Ref/ V0602P144
ASLA144PV605	★	PEUGEOT 307/1007+CITROEN C1/C3+FIESTA FUSION Ref/V0605P144
ASLA145P1091		OPEL MOVANO/VIVANO+RENAULT MASTER+TRAFIC 2.5 DCI
ASLA145P763+		ALFA ROMEO 166+FIAT BRAVO/BRAVA+MULTIPLA+LANCIA 1.9/2.4 JTD

(Manufacturer's reference numbers have only an indicative purpose)



SIEMENS



DELPHI



DENSO



BOSCH

ASLA145P864+	★	BMW 530D+730D ENGINE E39
ASLA145P864/J		TOYOTA HILUX VIGO 3.0 TD
ASLA145P868+		BMW Ref/ 13 53 2 248 880+13 53 2 354 045
ASLA145P979		OPEL MOVANO 2.2 DTI
ASLA146FL109		CITROEN C3 1.4 HDI Ref/ L109PBD
ASLA146FL138		SSANYONG/REXTON CRDI
ASLA146P1055/		PEUGEOT 206.307 1.4 HDI=CITROEN XSARA 1.4 HDI
ASLA148FL157	★	DELPHI Ref/ L0157PBD
ASLA150FL097		KIA CARNIVAL Ref/ L097PBD
ASLA152PV203		VW 2.0 TDI Ref/ V203P152
ASLA153FL096		FORD MONDEO 2.0 TDCI Ref/ L096PBD
ASLA154FL133		FORD MONDEO 2.0 TDCI (130) Ref/ L133PBD
ASLA154FL134		FORD MONDEO 2.0 TDCI (115) Ref/ L133PBD
ASLA154FL135		FORD MONDEO 2.0 TDCI (EU4) Ref/ L135PBD
ASLA154FL145		FORD TRANSIT 2.4 (EU3) Ref/ L145PBD
ASLA158FL137	★	HYUNDAI CARNIVAL II/TERRACAN 2.9 CRDI
ASLA154P1034		MERCEDES CDI VARIE CC./SPRINTER VARIE
ASLA154P1320		MERCEDES 316CDI SPRINTER/VITO 108/110/112 CDI/V200/220 CDI
ASLA156P1079/+		MERCEDES E 200 CDI / E 220 CDI / E 270 CDI
ASLA156P1155+		MERCEDES CLASSE A 160/170 CDI
ASLA156P736/		MERCEDES C/E/VITO/SPINTER 220/270 CDI
ASLA156P737		MERCEDES CLASSE A 160/170 CDI
ASLA158P974+		GM 97208074/ISUZU Ref/ 2900009130

Stardie.com

(Manufacturer's reference numbers have only an indicative purpose)

**SIEMENS****DELPHI****DENSO****BOSCH**

Stardiesel.com

COMMON-RAIL diesel TESTER

Ref/ 30.500

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SCHEDA TECNICA:
Alimentazione:12v.
Potenza:36W
Peso:kg.0,5
Dutycycle:Regolabile
Range di pressione:0-1.500 bar
Range iniettori:0-10 hz
Time iniezione:0,3-1 msec

**Diagnostica dell'efficienza dell'impianto
COMMON-RAIL, senza somontarlo.**

Controllo efficienza pompa alta pressione

Tenuta iniettori

Efficienza regolatori di pressione/flusso

Funzionalita'sensore pressione gasolio

**Manometro alta pressione
Gestione pompe Common-rail Bosch/Delphi
Comando iniettori Common-rail Bosch/Delphi**



Opzionali:



30.500/5
**kit comando iniettori
Siemens piezo**



30.500/10
**kit comando drv
pompa Siemens**



Manometro in glicerina 0/600 bar

**Il nostro 30.500, affiancato ad una nostra pompa
prova iniettori 57.001-3, e' in grado di verificare le
funzionalita' dell'iniettore multijet, controllando:**

**Iniezione pilota/preiniezione/iniezione
principale**

Pressione apertura

Getto di spruzzata

Tenuta e quantita' di recupero gasolio

COMMON-RAIL diesel TESTER

Ref/ 30.500

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TECHNICAL SHEET:

Input:12v.
Power:36W
Weight:kg.0,5
Dutycycle: adjustable
Pressure range:0-1.500 bar
Injectors Range:0-10 hz
Injection Time:0,3-1 msec

Diagnostic of COMMON-RAIL System efficiency, without disassemble it

Efficiency checking of High pressure pump

Injectors Seal

Efficiency pressure/flow control

Functionality of Fuel pressure sensor

High pressure Manometer
Management of Common-rail Bosch/Delphi pumps
Common-rail Bosch/Delphi injectors control



Opzionali:



30.500/5
kit control injector
Siemens piezo



30.500/10
kit control drv
pump Siemens



Glycerine pressure gauge 0/600 bar

Our ref. 30.500, together with our 57.001-3 injector tester pump, it is able to verify the functionality of multijet injector, checking the following:

Pilot Injection/pre-injection/main injection

Release Pressure

Spray jet

Fuel Seal and recover quantity

RILEVATORE IMMEDIATO DI SEGNALI Ref/ 30.600

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SCHEDA TECNICA:

Alimentazione: 12v.

Potenza: 1 W

**Permette di testare l'alimentazione di componenti come:
elettroiniettori common-rail, elettroiniettori benzina/gpl, iniettori piezoelettrici,
elettrovalvole regolatrici di flusso/elettrovalvole egr/elettrovalvole a geometria variabile/bobine Ecc.**

**Nel testare componenti elettromeccanici/elettronici di un motore comandato da una centralina
permette di stabilire che:**

La centralina di gestione e'alimentata ed assolve al suo compito di comando.

Il cablaggio della centralina al componente e'efficiente.

Il componente in esame non e' corrotto.

Il componente in esame non e' in cortocircuito verso massa.

Il componente in esame non e'in cortocircuito verso il positivo.

Il componente in esame e'elettricamente funzionante.

**PER EFFETTUARE LA DIAGNOSI DEI SINGOLI COMPONENTI DELL'IMPIANTO ELETTRICO
E' SUFFICIENTE AVVICINARE LA SONDA AL COMPONENTE IN ESAME.**



IMMEDIATE SIGNAL DETECTORS

Ref/ 30.600

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TECHNICAL SHEET:

Input: 12v.

Power: 1 W

Allows you to test the input for components such as:
Common-rail electro-injectors, petrol/gpl electro-injectors, piezo-electric injectors,
flow regulator solenoid valves/egr solenoid valves/variable geometry solenoid valves/
coils/Etc.

In testing the electromechanical/electronic components of a box controlled motor allows
you to establish that:

The box is being fed and performs its control function.

The wiring of the box to a component is in good working order.

The component in question is not interrupted.

The component in question is not in short-circuit towards negative.

The component in question is not in short-circuit towards positive.

The component in question is functioning electrically.

**IN ORDER TO PERFORM THE DIAGNOSIS ON THE INDIVIDUAL COMPONENTS OF THE ELECTRICAL
SYSTEM ALL YOU NEED TO DO IS BRING THE PROBE NEAR TO THE COMPONENT IN QUESTION.**



Identification:

A	31.600	Cover torx screw
B	31.600/5	Drv torx screw
C	31.600/10	Flange torx screw
M	31.600/12	3°element torx screw

Applications:

PUMP CP1S+CP1K

Identification:

A	31.600	Cover torx screw
C	31.600/10	Flange torx screw
D	31.600/30	Drv torx screw

Applications:

PUMP CP1H

Identification:

B	31.600/5	Sensors torx screw
G	31.600/45	Flange torx screw
P	31.600/85	Pump gear <i>exagonal</i> screw

Applications:

PUMP CP2

Identification:

L	31.600/65	Drv torx screw
N	31.600/75	Flange torx screw

Applications:

PUMP CP3

Identification:

COMING SOON

Applications:

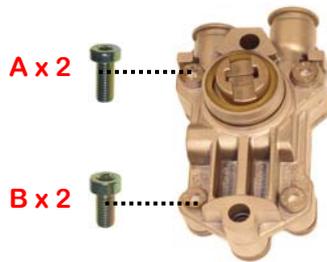
PUMP CP4-1 PLUNGER
Nr.PUMP 0.445.010.507

Identification:

COMING SOON

Applications:

PUMP CP4-2 PLUNGERS
Nr.PUMP 0.445.010.611

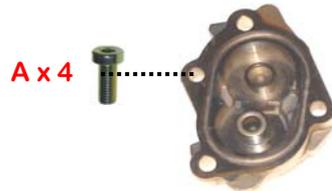
PA CP1 K

Identification:

- A** 31.600/35 PA torx screw
- B** 31.600/75 AP torx screw

Applications:

FP Nr.0.440.020.088

PA CP1H

Identification:

- A** 31.600/35 PA torx screw

Applications:

FP Nr.0.440.020.060

PA CP2

Identification:

- D** 31.600/80 PA exagonal screw

Applications:

FP Nr.0.440.020.060

PA CP3

Identification:

- A** 31.600/35 PA torx screw

Applications:

FP Nr.0.440.020.038

PA CP3 Tector

Identification:

- C** 31.600/70 PA torx screw

Applications:

FP Nr.0.440.020.095

Identification:

Applications:



Ref/ 30.460
SPECIAL HAND RIVETING TOOLS
 for CLOSING A HIGHT PRESSURE
 PUMP COMMON-RAIL

Ref/ 30.450
SPECIAL BLIND RIVET-ZINC COATED
 for ASSEMBLY A HIGHT PRESSURE
 PUMP COMMON-RAIL **CP3**
50 pcs bag



59.030



31.087



30.941



30.942

Code nr. **60.146**

Repair kit

Applications:

PA CP1 K-Nr.0.440.020.088 MERCEDES



30.692
 o'ring

Code nr. **30.814**

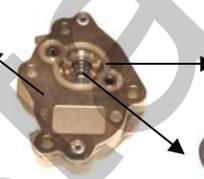
Viton O'ring

10 PCS BAG

Applications:

PA CP1 H-Nr.0.440.020.060 CITROEN/PEUGEOT/FORD/
 MAZDA/KIA

30.960



60.096/11

30.450

31.949



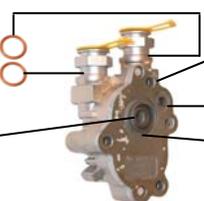
Code nr. **60.146/4**

Repair kit

Applications:

PA CP3-Nr.0.440.020.038 CITROEN/PEUGEOT/FORD/
 MAZDA/NISSAN/RENAULT

52.255



30.816

30.450

30.952

30.958



Code nr. **60.146/5**

Repair kit

Applications:

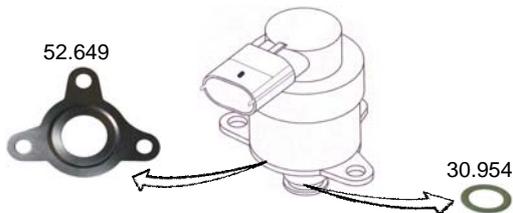
PA CP3 Tector-Nr.0.440.020.095 IVECO EUROCARGO Tector


Code nr. 60.141
Repair kit

Ref/ F.01M.100.278

Applications:

Bosch DRV CP1 S+CP1 K


Code nr. 60.141/3
Repair kit

Pump nr.0.445.010.150 ALFA=FIAT=LANCIA

Applications:

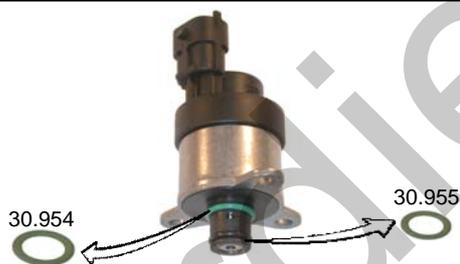
Bosch DRV CP1 H


Code nr. 60.141/4
Repair kit

Drv nr.0.281.002.872 CITROEN=PEUGEOT=SUZUKI

Applications:

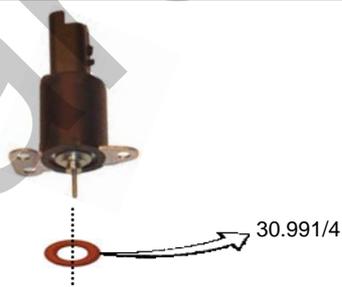
Bosch DRV CP1 S


Code nr. 60.141/5
Repair kit

Drv nr.0.928.400.481 Iveco Eurocargo=Ford Cargo

Applications:

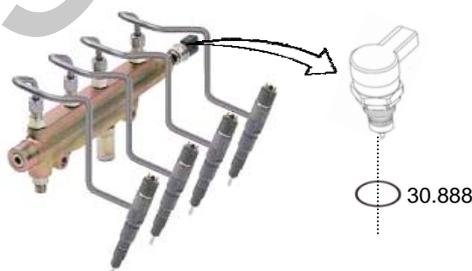
Bosch DRV CP3


Code nr. 30.991/4
Viton O'ring

Valve nr.0.928.400.366+0.928.400.323

Applications:

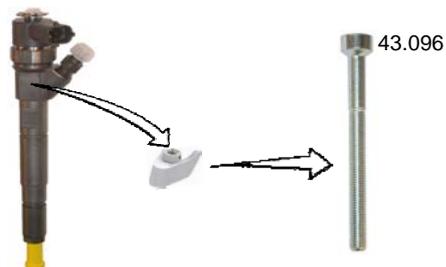
Viton o'ring exclusion 3th element pump CP1 S=CP1 K


Code nr. 30.888
Viton o'ring

Nr.flaute 0.445.214.030 BMW

Applications:

Viton o'ring DRV on Flaute common-rail Bosch



Code nr. **43.096** Screw injectors Bh

mm.85

Applications:

Mercedes injectors common-rail



Code nr. **53.504** Base washer box set

Total pcs 1082 Total items 15 Kg.2,500
For details see page 6-57A

Applications:

Injectors common-rail Bosch



Code nr. **53.505** Adjustment shims box set

diameter mm. 5,43 x3,40
Total pcs 425 Total items 17 Kg.0,500
For details see page 6-45A

Applications:

Injectors common-rail Bosch



Code nr. **53.505/5** Adjustment shims box set

diameter mm. 4,5 x2,00
Total pcs 240 Total items 24 Kg.0,500
from 1,20 mm. To 1,70 mm. Cut 0,02 mm.

Applications:

Injectors common-rail Bosch
Nr.injector complete 0.445.110.168 RENAULT=NISSAN



Code nr. **53.505/10** Adjustment shims box set

diameter mm. 4,5 x2,00
Total pcs 110 Total items 11 Kg.0,500
from 1,20 mm. To 1,70 mm. Cut 0,05 mm.

Applications:

Injectors common-rail Bosch
Nr.injector complete 0.445.110.168 RENAULT=NISSAN



Code nr. **53.505/MJ** Adjustment shims box set

Total pcs 275 Total items 8 Kg.0,400
7 different shims and a special sphere, 25 pcs bag for each shims
size from 1,50 to 1,80 Cut: 0,05 mm Sphere 100 pcs

Applications:

mm.5x2,80 for injectors Multijet common-rail Bosch

**Code nr. 53.506** Adjustment shims box set

Total pcs 220 Total items 21 Kg.0,800
10 pcs bag for each size, except size mm.1,00 it's 20 pcs bag
shims size from 0,90 to 1,10 Cut: 0,01 mm

Applications:

mm.23,50x19 for injectors common-rail Bosch

**Code nr. 53.507** Adjustment shims box set

Total pcs 110 Total items 11 Kg.0,400
10 pcs bag for each size
shims size from 1,20 to 1,30 Cut: 0,01 mm

Applications:

mm.15,7x10,50 for injectors common-rail Bosch

**Code nr. 53.508** Adjustment shims box set

Total pcs 220 Total items 21 Kg.0,800
10 pcs bag for each size, except size mm.1,00 it's 20 pcs bag
shims size from 0,90 to 1,10 Cut: 0,01 mm

Applications:

mm.22,0x19 for injectors common-rail Bosch

**Code nr. 53.509** Adjustment shims box set

Total pcs 110 Total items 11 Kg.0,400
10 pcs bag for each size,
shims size from 1,30 to 1,40 Cut: 0,01 mm

Applications:

mm.22,0x19 for injectors common-rail Bosch

**Code nr. 53.510** Adjustment tastators box set

Total pcs 110 Total items 11 Kg.0,500
tastators size from 8,40 to 8,50 Cut: 0,01 mm

Applications:

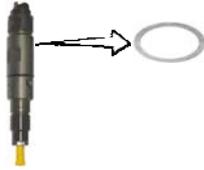
mm.5,90 for Injectors common-rail Bosch

**Code nr. 53.511** Adjustment plate box set

Total pcs 310 Total items 31 Kg.0,400
plate size from 0,95 to 1,25 Cut: 0,01 mm

Applications:

mm.2,25 for injectors common-rail Bosch



Code nr. **53.513**

Adjustment shims box set for
MAN Engine

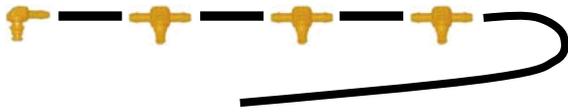
Total pcs 220 Total items 21 Kg.0,800
10 pcs bag for each size, except size mm.1,00 it's 20 pcs bag
shims size from 1,34 to 1,76 Cut: 0,02 mm

Applications:

mm.23x19,5 for MAN injectors common-rail Bosch

Code nr.

Applications:

**Code nr: 51.118/5**Waste pipe injector set **4 cyl.**

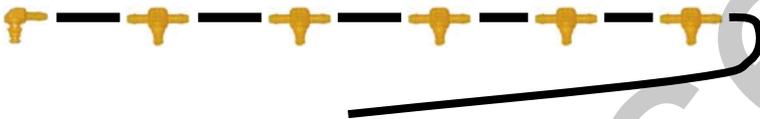
Original reference: 0.928.400.317

Applications:Alfa Romeo 145/146/147/156=Fiata Bravo/Brava/
Multipla/Punto=Lancia Lybra 1.9 jtd**Code nr: 51.118/10**Waste pipe injector set **4/8 cyl.**

Original ref/ 0.928.402.033 Ex 0.928.400.293

Applications:

Mercedes Vito/Sprinter/S class/V 2.2/4.0 cdi

**Code nr: 51.118/15**Waste pipe injector set **6 cyl.**

Original reference: 0.928.400.295

Applications:

Mercedes S class 320 cdi

**Code nr: 51.118/20**Waste pipe injector set **6 cyl.**

Original reference: 0.928.400.528

Applications:

Bmw 525d/530d/730d/x5 3.0d

**Code nr: 51.118/25**Waste pipe injector set **5 cyl.**

Original reference: 0.928.400.318

Applications:Lancia k/Lybra/Thesis=
Alfa romeo 156/166 2.4 jtd**Code nr: 51.118/30**Waste pipe injector set **4 cyl.**

Original reference: 0.928.400.474

Applications:Alfa romeo 147/156/Gt=Fiata Doblo/Idea/Punto
Stilo/Strada 1.9 jtd



Code nr: 51.118/35

Waste pipe injector set **4 cyl.**

Original reference: 0.928.400.381

Applications:

Fiat Ducato 2.8 jtd



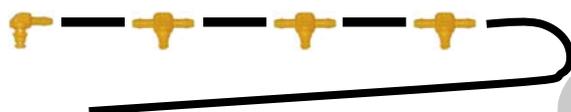
Code nr: 51.118/40

Waste pipe injector set **4 cyl.**

Original reference: 0.928.400.599

Applications:

Fiat Doblo/Grande punto 1.3 jtd
Opel Astra 1.3 cdti



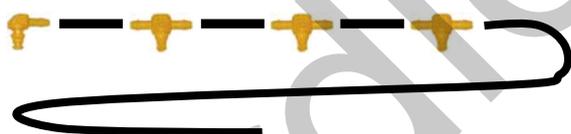
Code nr: 51.118/45

Waste pipe injector set **4 cyl.**

Original reference: 0.928.400.541

Applications:

Fiat Panda/Punto/Doblo' 1.3 jtd=Lancia Musa/Y
Opel Agila/Tigra 1.3 cdti



Code nr: 51.118/50

Waste pipe injector set **4 cyl.**

Original reference: 0.928.400.507

Applications:

Fiat Ducato 2.3 jtd 11/15/17/18/maxi 17/20



Code nr: 51.118/55

Waste pipe injector set **5 cyl.**

Original reference: 0.928.400.480

Applications:

Volvo S60/S80/V70 II/Xc70/Xc90 D5 2.4d



Code nr: 51.118/60

Waste pipe injector set **8 cyl.**

Original reference: 0.928.400.413

Applications:



Code nr: **51.118/65**

Waste pipe injector set 4 cyl.

Original ref/ 0.928.402.044

Applications:

Mercedes cdi



Code nr: **51.118/70**

Waste pipe injector set 5 cyl.

Original reference: 0.928.400.589=0.928.402.045

Applications:

Mercedes



Code nr: **60.151/2**

Waste plastic connection mm.4

3 ways in plastic white color

Applications:

Bosch system common-rail

Code nr: **60.151**

Waste plastic connection mm.4

4 ways in plastic white color

Applications:

Bosch system common-rail



Code nr: **56.263**

LOW PRESSURE TEXTILE HOSE

mm.3,2x7 (qty pack 50 mt.)



Code nr: **56.263/5**

LOW PRESSURE TEXTILE HOSE

mm.3x7 (qty pack 20 mt.)

C/RAIL WASTE JOINT INJECTOR (BH Type) SPARE PARTS

Cod: **31.086**
O'ring WASTE JOINT

Cod: **60.150/13**
FORK WASTE JOINT



Cod: **51.270** PLASTIC WASTE JOINT SET 1 WAY



Cod: **51.271** PLASTIC WASTE JOINT SET 2 WAYS



Cod: **60.150/7** ALUMINUM WASTE JOINT 2 WAYS LONG WITH O'ring ONLY (Appl/ ENGINE 2.8 JTD)



Cod: **60.150/10** ALUMINUM WASTE JOINT 2 WAYS WITH O'ring ONLY (Appl/ MERCEDES CDI)



Cod: **60.150/15** ALUMINUM WASTE JOINT 1 WAY WITH O'ring ONLY (Appl/ MERCEDES CDI)



1 Pcs bag
 Example of identification and comparison:
R831 on original valve, our Code **80.004**
 Our Valves are new and in **minor size**.
 Not necessarily a new Pin.
For assembly using a old pin.



1 Pcs bag
 For identify a pin, use a original number of
 complete injector. Example Nr. injector
 0.445.110.055, our Code **90.010**

Pos.	Our Code	Applications
1	80.004	Valve reference R831 Applications: all Ford Cargo Nr. Injector 0.445.120.025
1	80.006	Valve reference T048 Applications: Fiat Albea, Doblo', Idea, Palio, Panda, Punto 1.3 jtd/jtdm=Lancia Musa, Ypsilon 1.3 Multijet Opel Agila, Combo, Corsa, Meriva, Tigra 1.3 dti Nr. Injector 0.445.110.083
1	80.008	Valve reference V043 Applications: Nissan Interstar 2.5 Dci 100/120=Opel Movano 2.5 dti=Renault Master 2.5dci 16v.=Hyundai Starex=Kia Sorento=Bmc Mega Star Nr. Injector 0.445.110.141
1	80.010	Valve reference R158 Applications: Man Tga from 2004 to 2006 Nr. Injector 0.445.120.030
1	80.011	Valve reference T334 Applications: Fiat 500, Doblo', Fiorino, Qubo, Grande Punto, Idea, Linea, Panda, Strada 1.3 jtdm=Ford Ka'II 1.3 tdc= Lancia Musa, Ypsilon 1.3 Multijet=Opel Astra, Corsa, Meriva 1.3 cdti=Hyundai=Kia=Nr. Injector 0.445.110.183
1	80.012	Valve reference R297 Applications: Renault Premium, Kerax dci 370/420 with pump CP2, Nr. Injector 0.445.120.019
1	80.004/1	Valve reference R831 Applications: all Ford Cargo Nr. Injector 0.445.120.025 IN MINOR STEP 1
1	80.004/2	Valve reference R831 Applications: all Ford Cargo Nr. Injector 0.445.120.025 IN MINOR STEP 2
1	80.014	Valve reference / Applications: Alfa Romeo 145, 146, 156, 166 1.9/2.4 jtd= Fiat Brava, Bravo, Marea, Multipla=1.9/2.4 jtd= Lancia K, Lybra 1.9/2.4 jtd Nr. Injector 0.445.110.002
1	80.016	Valve reference / Applications: Fiat Doblo', Marea, Marengo, Multipla, Stilo 1.9 jtd=Lancia Lybra, Thesis 1.9/2.4 jtd Nr. Injector: 0.445.110.119
1	80.018	Valve reference / Applications: Mercedes Sprinter 208, 308, 408 cdi Nr. Injector: 0.445.110.034
1	80.020	Valve reference / Applications: Mercedes A Class 160, 170 cdi Nr. Injector: 0.445.110.014
1	80.022	Valve reference / Applications: Mercedes E Class 220, 270 cdi=Nissan Primastar 1.9 dci 80/100=Opel Movano=Vivaro 1.9 dti= Renault Laguna I, II, Scenic, Trafic, Espace IV 1.9 dci Nr. Injector: 0.445.110.055=054=056
1	80.024	Valve reference / Applications: Bmw 320, 330, 530, 730, x5 D Nr. Injector: 0.445.110.131
1	80.026	Valve reference / Applications: Fiat Stilo 1.9 jtd 16v.=Lancia Thesis 2.4 jtd 20v. Nr. Injector: 0.445.110.111
1	80.028	Valve reference / Applications: Citroen Jumper 2.8 hdi= Fiat Ducato, Iveco Daily, Cityclass 2.8 jtd=Peugeot=Boxer 2.8 hdi= Renault Mascott 110, 130, 140, 150 Nr. Injector: 0.445.120.002
		Coming-soon

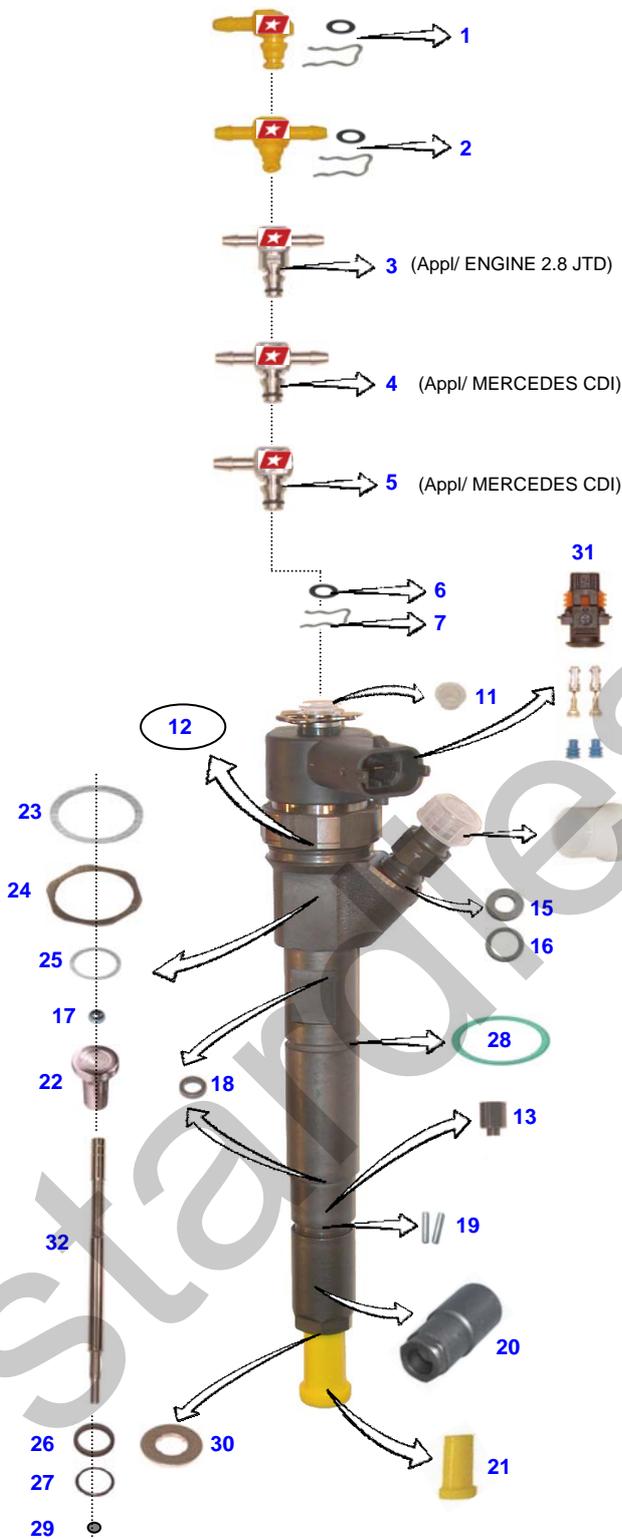
Pos.	Our Code	Applications
2	90.000	Pin for injector Ref/ 0.445.110.021=056=146 for Renault/Opel
2	90.002	Pin for injector Ref/ 0.445.110.036 for Citroen/Peugeot
2	90.004	Pin for injector Ref/ 0.445.110.038 for Renault
2	90.006	Pin for injector Ref/ 0.445.110.047=266 Short type for Bmw/L. Rover
2	90.008	Pin for injector Ref/ 0.445.110.047 Long type for Bmw/L. Rover
2	90.010	Pin for injector Ref/ 0.445.110.055=054 for Mercedes
2	90.012	Pin for injector Ref/ 0.445.110.057 for Citroen/Peugeot
2	90.014	Pin for injector Ref/ 0.445.110.059 for Chrysler
2	90.016	Pin for injector Ref/ 0.445.110.076=062 for Citroen/Fiat/Peugeot
2	90.018	Pin for injector Ref/ 0.445.110.078=077 for Volvo
2	90.020	Pin for injector Ref/ 0.445.110.085 for Toyota Rav 4 Did
2	90.022	Pin for injector Ref/ 0.445.110.131=080 for Bmw
2	90.024	Pin for injector Ref/ 0.445.110.135 for Citroen/Peugeot
2	90.026	Pin for injector Ref/ 0.445.120.002 for Citroen/Fiat/Iveco/Peugeot/Renault
2	90.028	Pin for injector Ref/ 0.445.110.002 for Fiat/Lancia/Alfa Romeo
2	90.030	Pin for injector Ref/ 0.445.110.072=071 for Mercedes Class C/Clk/E 200/220/270 cdi
2	90.032	Pin for injector Ref/ 0.445.110.126=290 for Hyundai/Kia
2	90.034	Pin for injector Ref/ 0.445.110.175 for Opel Astra 1.7 CDTi
2	90.036	Pin for injector Ref/ 0.445.110.214 for Toyota Yaris 1.4 d4d
2	90.038	Pin for injector Ref/ 0.445.110.230=150 for Renault Laguna/Megane/Scenic II 1.9 Dci

(mm.3,2x7 50 mt.bag) **8**

(3 ways) **9**

(4 ways) **10**

Injector common-rail system BOSCH (Traditional injector)



Position	Our Code	Description
1	51.270	Plastic joint set 1way
2	51.271	Plastic joint set 2ways
3	60.150/7	Aluminium joint 2 ways long
4	60.150/10	Aluminium joint 2 ways
5	60.150/15	Aluminium joint 1 way
6	31.086	O'ring waste joint
7	60.150/13	Fork waste joint
8	56.263	Low pressure textile hose
9	60.151/2	Plastic connection mm.4
10	60.151	Plastic connection mm.4
11	59.002	Plastic protection plug
12	30.989	O'ring spool
13	Pointer	See page 13-7
14	59.011/12	Plastic protection plug
15	53.074/15	Iron gasket
16	53.074/20	Iron gasket Ref/ F00R0P0004
17	60.096/15	Sphere injector mm.1,25
17	60.096/17	Sphere.Ø1,33 Ref/F00VC05001
18	Shims	See page 13-6
19	53.065/5	Dowel pin Ref/2433201024=31
20	53.059/50	Nozzle nut PSA
20	53.059/55	Nozzle nut Ref/F00VC14018
20	53.059/60	Nozzle nut Ref/F00VC14012
20	53.059/70	Nozzle nut Ref/F00RJ00842
20	53.059/108	Nozzle nut Ref/F00RJ00215
21	59.134/5	Plastic protection plug
22	Valves	See page 13-12
23	Shims	See page 13-6
24	Shims	See page 13-6
25	Shims	See page 13-6
26	33.607/10	Bakelite washer
27	33.037/20	Washer
28	30.890	Viton o'ring
29	Shims	See page 13-7
30	Washer	See page 6-57A
31	49.276/50	Electric connector set
32	Pins	See page 13-12

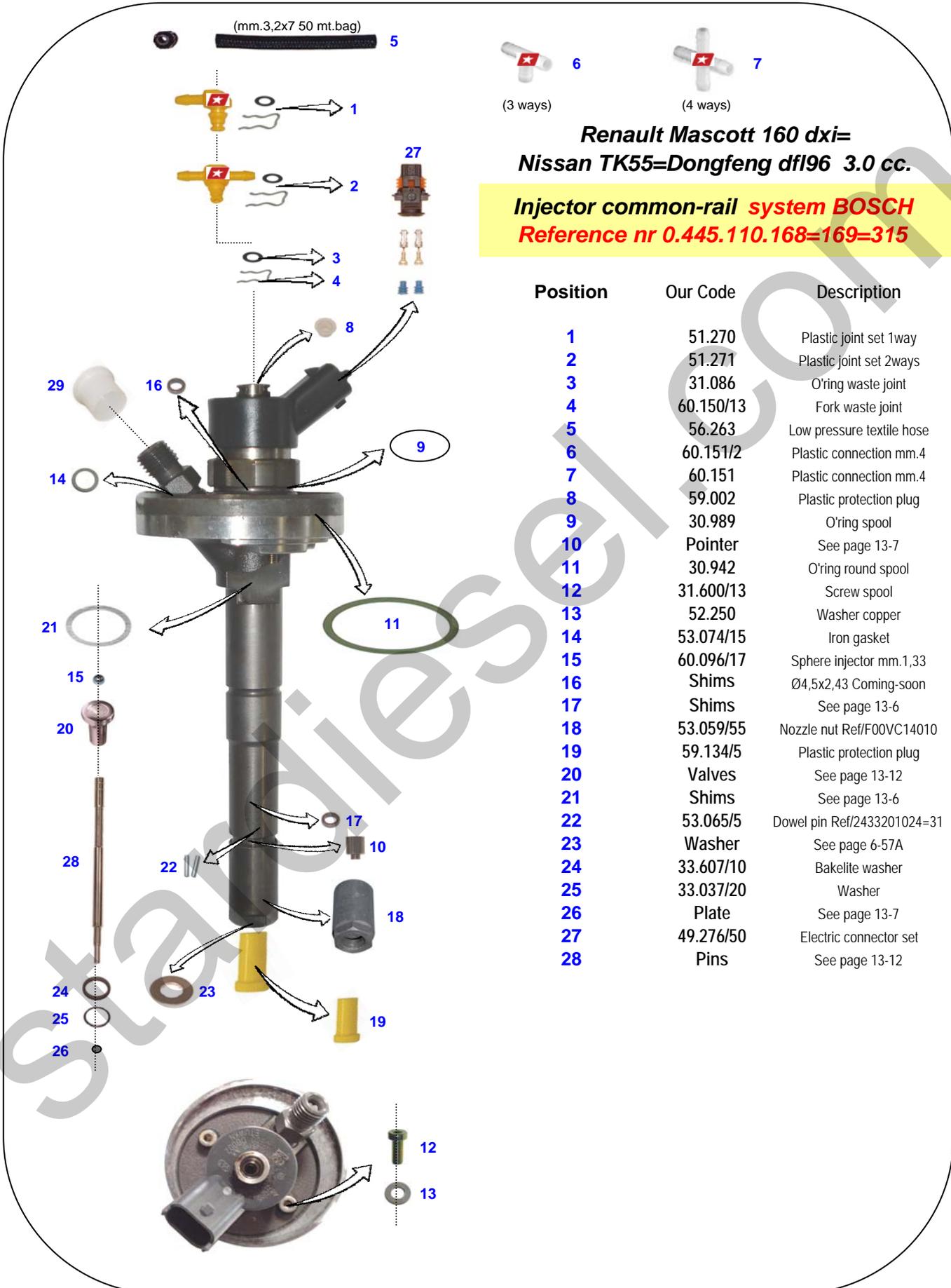
(mm.3,2x7 50 mt.bag) **5**



Injector common-rail system BOSCH
Multijet Reference nr.0.445.110.183



Position	Our Code	Description
1	51.270	Plastic joint set 1way
2	51.271	Plastic joint set 2ways
3	31.086	O'ring waste joint
4	60.150/13	Fork waste joint
5	56.263	Low pressure textile hose
6	60.151/2	Plastic connection mm.4
7	60.151	Plastic connection mm.4
8	59.002	Plastic protection plug
9	30.989	O'ring spool
10	Pointer	See page 13-7
11	59.011/12	Plastic protection plug
12	53.074/15	Iron gasket
13	53.074/20	Iron gasket Ref/ F00R0P0004
14	60.096/18	Sphere injector mm.1,50
15	Shims	See page 13-6
16	Shims Ø5	See page 13-6
17	53.065/5	Dowel pin Ref/2433201024=31
18	53.059/55	Nozzle nut Ref/F00VC14018
19	59.134/5	Plastic protection plug
20	Valves	See page 13-12
21	Shims	See page 13-6
22	Shims	See page 13-6
23	Shims	See page 13-6
24	33.607/10	Bakelite washer
25	33.037/20	Washer
26	Plate	See page 13-7
27	Washer	See page 6-57A
28	49.276/50	Electric connector set
29	Pins	See page 13-12



Renault Mascott 160 dxi=
Nissan TK55=Dongfeng dfl96 3.0 cc.

Injector common-rail system BOSCH
Reference nr 0.445.110.168=169=315

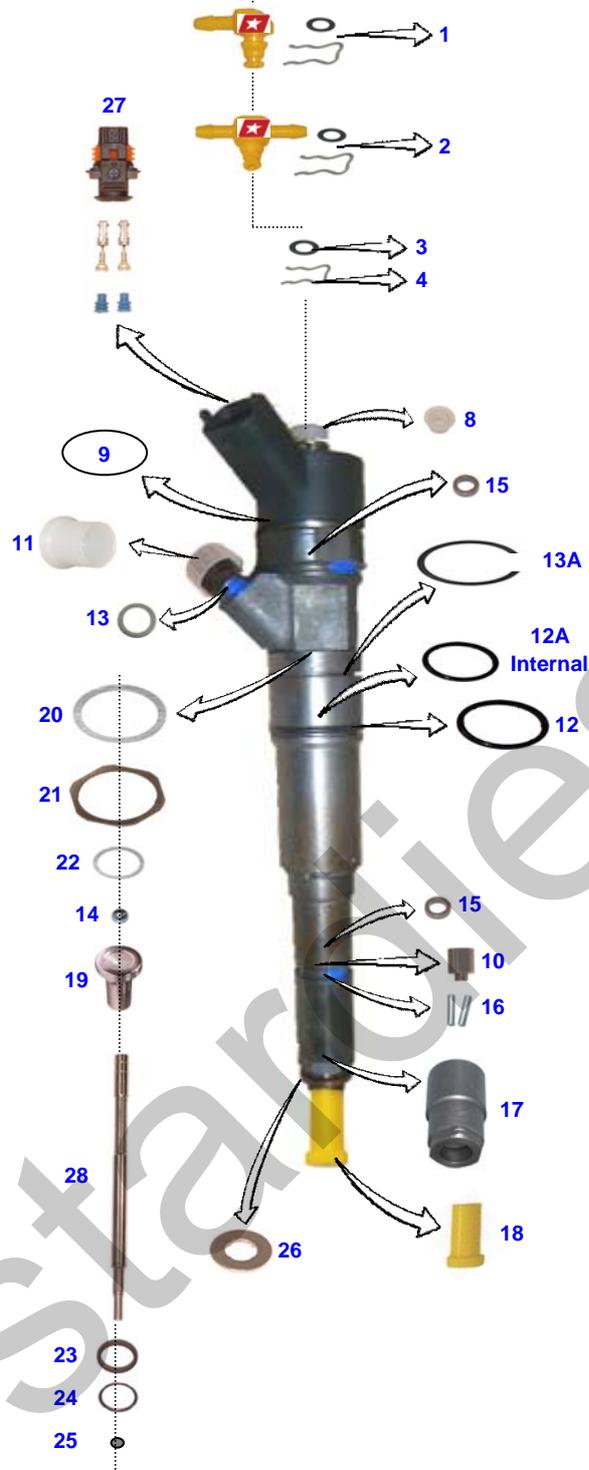
Position	Our Code	Description
1	51.270	Plastic joint set 1way
2	51.271	Plastic joint set 2ways
3	31.086	O'ring waste joint
4	60.150/13	Fork waste joint
5	56.263	Low pressure textile hose
6	60.151/2	Plastic connection mm.4
7	60.151	Plastic connection mm.4
8	59.002	Plastic protection plug
9	30.989	O'ring spool
10	Pointer	See page 13-7
11	30.942	O'ring round spool
12	31.600/13	Screw spool
13	52.250	Washer copper
14	53.074/15	Iron gasket
15	60.096/17	Sphere injector mm.1,33
16	Shims	Ø4,5x2,43 Coming-soon
17	Shims	See page 13-6
18	53.059/55	Nozzle nut Ref/F00VC14010
19	59.134/5	Plastic protection plug
20	Valves	See page 13-12
21	Shims	See page 13-6
22	53.065/5	Dowel pin Ref/2433201024=31
23	Washer	See page 6-57A
24	33.607/10	Bakelite washer
25	33.037/20	Washer
26	Plate	See page 13-7
27	49.276/50	Electric connector set
28	Pins	See page 13-12

(mm.3,2x7 50 mt.bag) 5



Bmw 330/530/730/X5 3.0d

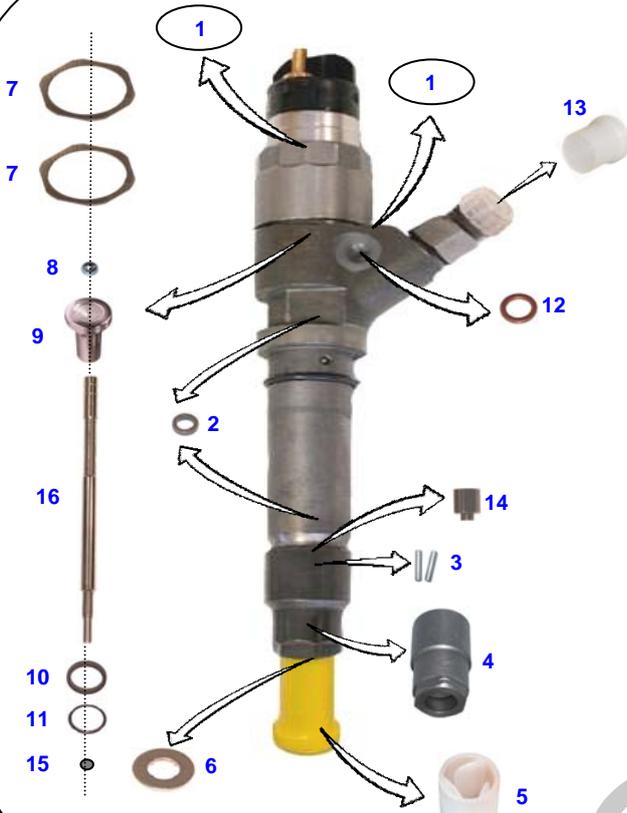
Injector common-rail system BOSCH
Reference nr.0.445.110.266=047



Position	Our Code	Description
1	51.270	Plastic joint set 1way
2	51.271	Plastic joint set 2ways
3	31.086	O'ring waste joint
4	60.150/13	Fork waste joint
5	56.263	Low pressure textile hose
6	60.151/2	Plastic connection mm.4
7	60.151	Plastic connection mm.4
8	59.002	Plastic protection plug
9	30.989	O'ring spool
10	Pointer	See page 13-7
11	59.011/12	Plastic protection plug
12	O'ring	Coming-soon
12A	O'ring	Coming-soon
13	53.074/20	Iron gasket Ref/ F00R0P0004
13A	Clip	Coming-soon
14	60.096/17	Sphere injector mm.1,33
15	Shims	See page 13-6
16	53.065/5	Dowel pin Ref/2433201024=31
17	53.059/55	Nozzle nut Ref/F00VC14018
18	59.134/5	Plastic protection plug
19	Valves	See page 13-12
20	Shims	See page 13-6
21	Shims	See page 13-6
22	Shims	See page 13-6
23	33.607/10	Bakelite washer
24	33.037/20	Washer
25	Plate	See page 13-7
26	52.385	Washer injector
27	49.276/50	Electric connector set
28	Pins	See page 13-12

Renault Premium I 4.0/6.2 cc.

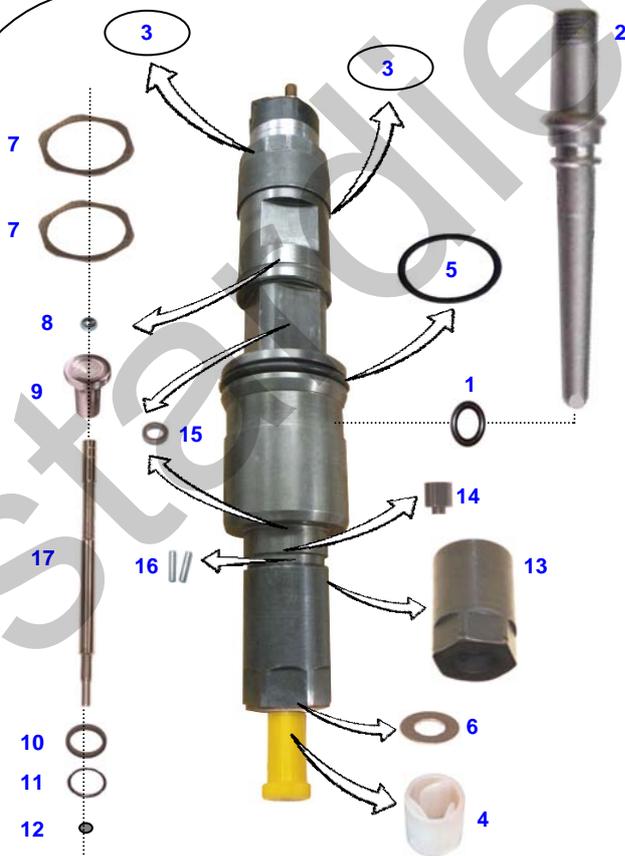
Injector common-rail system BOSCH
Reference nr.0.445.120.013=012



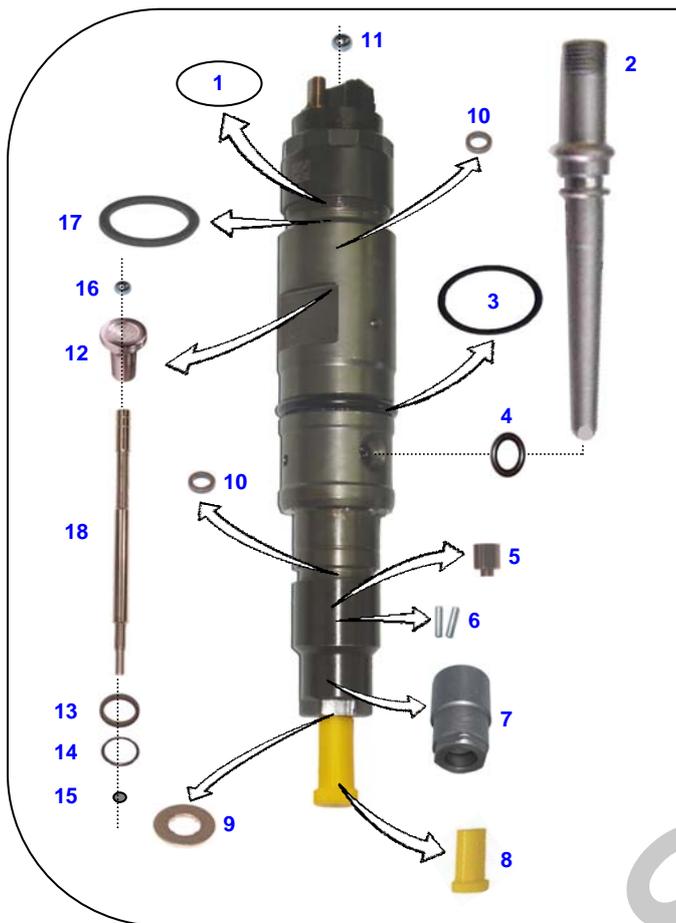
Position	Our Code	Description
1	30.912	O'ring spool
2	Shims	See page 13-6
3	53.065/5	Dowel pin Ref/2433201024=31
4	53.021	Nozzle nut
5	59.137	Plastic protection plug
6	Washer	See page 6-57A
7	Shims	See page 13-6
8	60.096/17	Sphere injector mm.1,33
9	Valves	See page 13-12
10	33.607/10	Bakelite washer
11	33.037/20	Washer
12	52.250	Washer copper
13	59.011/12	Plastic protection plug
14	Pointer	See page 13-7
15	Plate	See page 13-7
16	Pins	See page 13-12

Renault Premium I 11.1 cc.

Injector common-rail system BOSCH
Reference nr 0.445.120.020=019



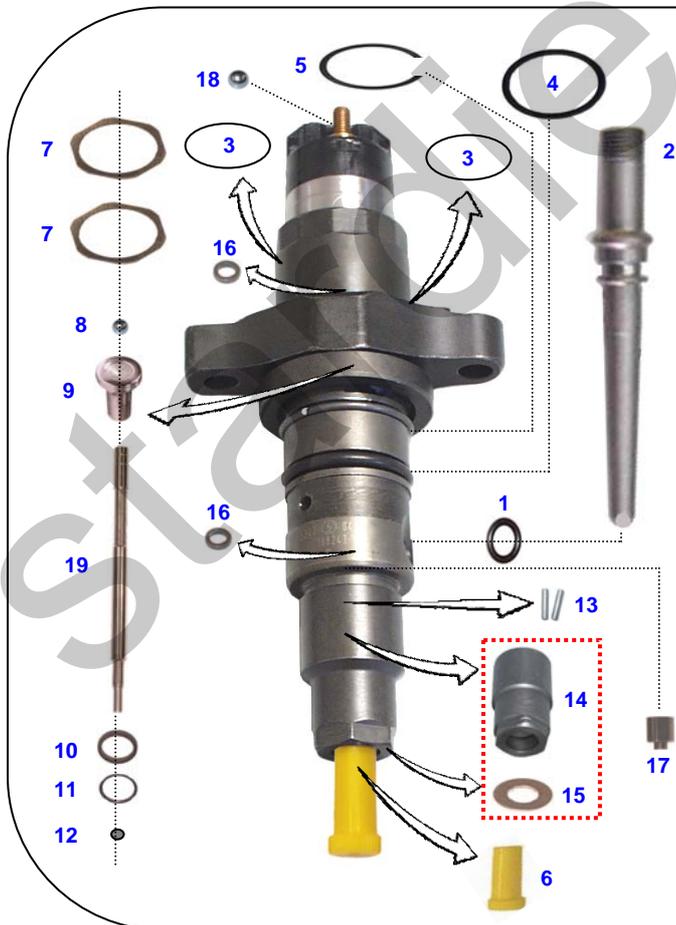
Position	Our Code	Description
1	30.992/30	O'ring tube
2	Tube	Coming-soon
3	30.912	O'ring spool
4	59.137	Plastic protection plug
5	30.788	O'ring exterior
6	52.329	Base washer copper
7	Shims	See page 13-6
8	60.096/17	Sphere injector mm.1,33
9	Valves	See page 13-12
10	33.607/10	Bakelite washer
11	33.037/20	Washer
12	Plate	See page 13-7
13	59.059/108	Nozzle nut
14	Pointer	See page 13-7
15	Shims	See page 13-6
16	53.065/5	Dowel pin Ref/2433201024
17	Pins	See page 13-12



Renault Premium/Midlum II

Injector common-rail system BOSCH
Reference nr 0.445.120.064

Position	Our Code	Description
1	30.990/2	O'ring spool
2	Tube	Coming-soon
3	30.786	O'ring exterior
4	30.992/30	O'ring tube
5	Pointer	See page 13-7
6	53.065/5	Dowel pin Ref/2433201024
7	53.021	Nozzle nut
8	59.134/5	Plastic protection plug
9	Washer	See page 6-56
10	Shims	See page 6-45C
11	31.493/30	Sphere injector mm.3
12	Valves	See page 13-12
13	33.607/10	Bakelite washer
14	33.037/20	Washer
15	Plate	See page 13-7
16	60.096/17	Sphere injector mm.1,33
17	Washer	Coming-soon
18	Pins	See page 13-12



Iveco Eurocargo 2003 1°Series

Injector common-rail system BOSCH
Reference nr 0.445.120.007

Position	Our Code	Description
1	30.992/30	O'ring tube
2	Tube	Coming-soon
3	30.912	O'ring spool
4	30.990	O'ring exterior
5	33.084/2	Clip body
6	59.134/5	Plastic protection plug
7	Shims	See page 13-6
8	60.096/17	Sphere injector mm.1,33
9	Valves	See page 13-12
10	33.607/10	Bakelite washer
11	33.037/20	Washer
12	Plate	See page 13-7
13	53.065/5	Dowel pin Ref/2433201024
14	59.059/85	Nozzle nut
15	52.384	Washer mm.1,5
A original Washer is mm. 3,with our nozzle nut use mm.1,5		
16	Shims	See page 13-6
17	Pointer	See page 13-7
18	Sphere	Coming-soon
19	Pins	See page 13-12

Iveco Eurocargo 2°Series

Injector common-rail system BOSCH
Reference nr.0.445.120.054

Position	Our Code	Description
1	30.992/30	O'ring tube
2	Tube	Coming-soon
3	30.989	O'ring spool
4	30.990	O'ring exterior
5	59.134/5	Plastic protection plug
6	60.096/17	Sphere injector mm.1,33
7	Valves	See page 13-12
8	33.607/10	Bakelite washer
9	33.037/20	Washer
10	Plate	See page 13-7
11	Shims	See page 13-6
12	53.065/5	Dowel pin Ref/2433201024
13	59.059/85	Nozzle nut
14	Pointer	See page 13-7
15	52.384	Washer mm.1,5
16	Sphere	Coming-soon
17	Washer	Coming-soon
18	Pins	See page 13-12

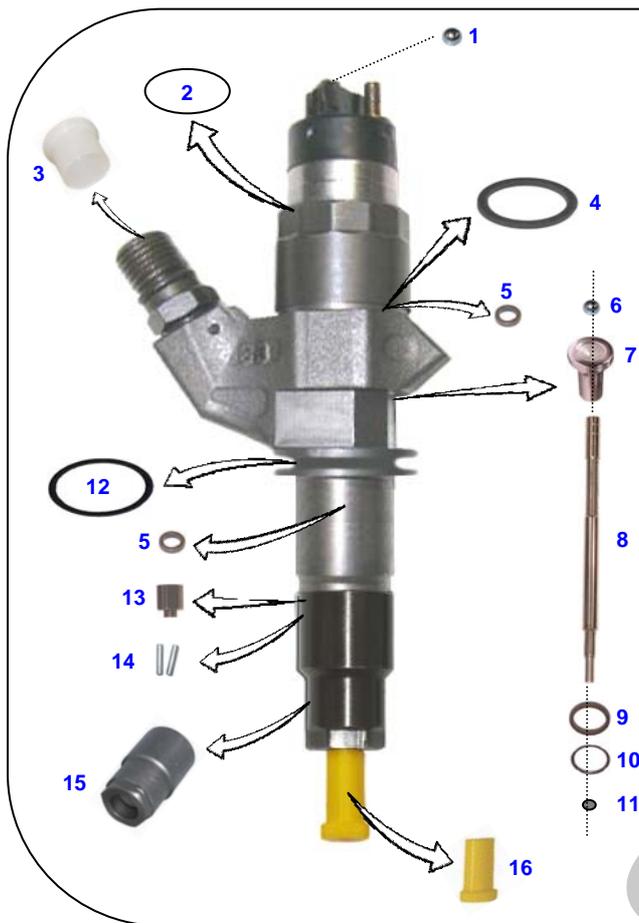
Duramax engine 6.6 cc.

Injector common-rail system BOSCH
Reference nr.0.445.120.008

Position	Our Code	Description
1	Sphere	Coming-soon
2	30.912	O'ring spool
3	59.011/12	Plastic protection plug
4	Shims	See page 13-6
5	60.096/17	Sphere injector mm.1,33
6	Shims	See page 6-45C
7	Valves	See page 13-12
8	53.065/5	Dowel pin Ref/2433201024
9	52.384	Washer mm.1,5
10	33.607/10	Bakelite washer
11	33.037/20	Washer
12	Plate	See page 13-7
13	59.137	Plastic protection plug
14	Nut	Coming-soon
15	Pointer	See page 13-7
16	Pins	See page 13-12

New Holland CR Series 9060 6 Cyl.
Engine cursor 9 - 8,7 cc. 260 Kw

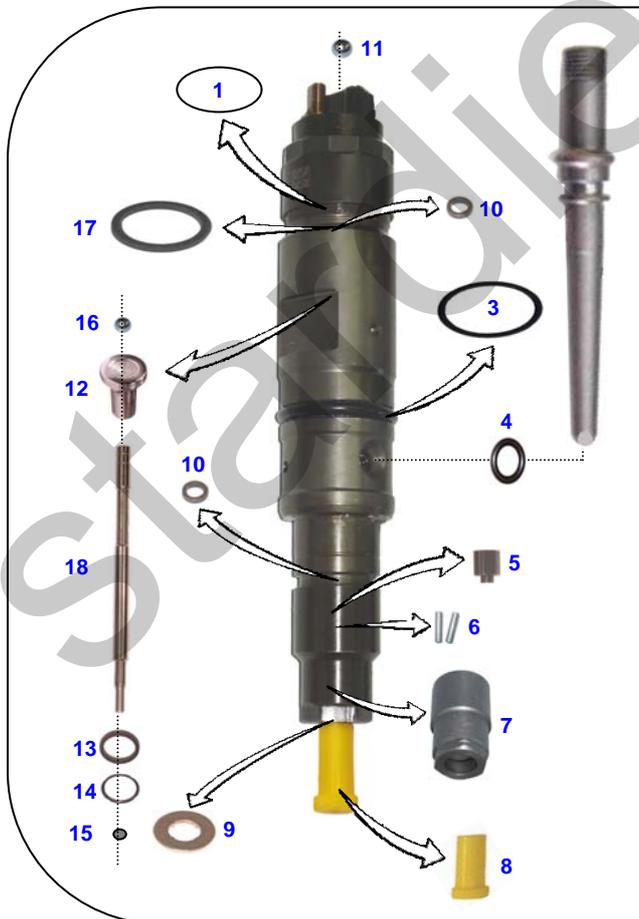
Injector common-rail system BOSCH
Reference nr.0.445.120.092



Position	Our Code	Description
1	31.493/30	Sphere injector mm.5
2	30.990/2	O'ring spool
3	59.011/12	Plastic protection plug
4	Washer	Coming-soon
5	Shims	See page 13-6
6	60.096/17	Sphere injector mm.1,33
7	Valve	Coming-soon
8	Pins	See page 13-12
9	33.607/10	Bakelite washer
10	33.037/20	Washer
11	Plate	See page 13-7
12	30.690	O'ring exterior brown color
13	Pointer	See page 13-7
14	53.065/5	Dowel pin Ref/2433201024
15	53.059/70	Nozzle nut
16	59.134/5	Plastic protection plug

Man engine D20

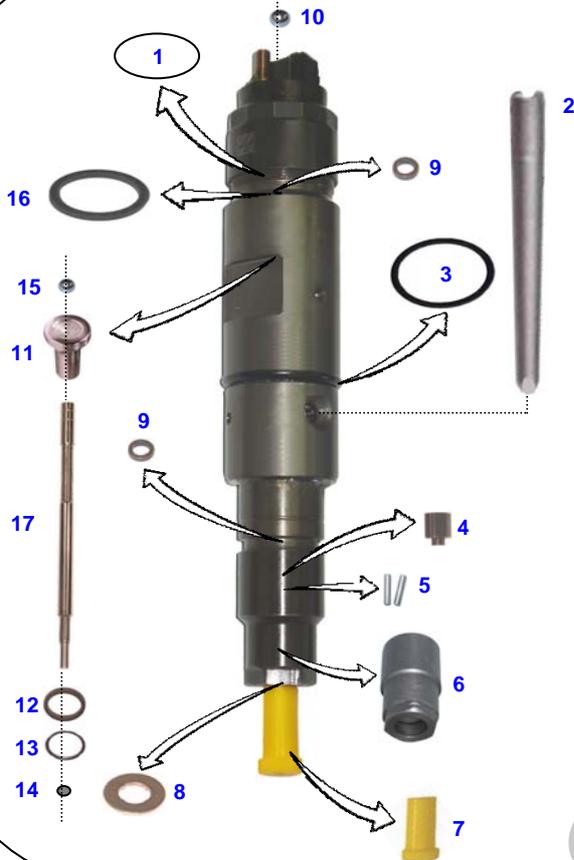
Injector common-rail system BOSCH
Reference nr.0.445.120.218=030



Position	Our Code	Description
1	30.990/2	O'ring spool
2	Tube	Coming-soon
3	30.990	O'ring exterior
4	30.992/40	O'ring tube
5	Pointer	See page 13-7
6	53.065/5	Dowel pin Ref/2433201024
7	53.021	Nozzle nut
8	59.134/5	Plastic protection plug
9	Washer	See page 6-45C
10	Shims	See page 13-6
11	31.493/30	Sphere injector mm.3
12	80.010	Valve injector
13	33.607/10	Bakelite washer
14	33.037/20	Washer
15	Plate	See page 13-7
16	60.096/17	Sphere injector mm.1,33
17	Washer	Coming-soon
18	Pins	See page 13-12

Man engine D28

Injector common-rail system BOSCH
Reference nr.0.445.120.044



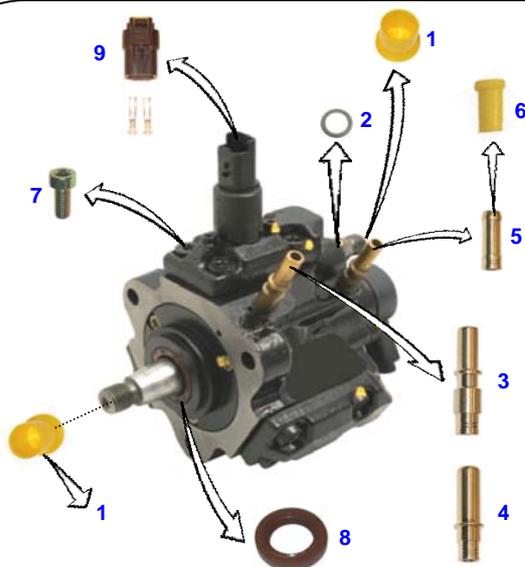
Position	Our Code	Description
1	30.992/30	O'ring tube
2	Tube	Coming-soon
3	30.990/4	O'ring exterior
4	Pointer	See page 13-7
5	53.065/5	Dowel pin Ref/2433201024
6	53.021	Nozzle nut
7	59.134/5	Plastic protection plug
8	Washer	See page 6-45C
9	Shims	See page 13-6
10	31.493/30	Sphere injector mm.3
11	Valves	See page 13-12
12	33.607/10	Bakelite washer
13	33.037/20	Washer
14	Plate	See page 13-7
15	60.096/17	Sphere injector mm.1,33
16	Washer	Coming-soon
17	Pins	See page 13-12

Audi Q7 3.0d

Injector common-rail Piezo
system BOSCH
Reference nr.0.445.115.051

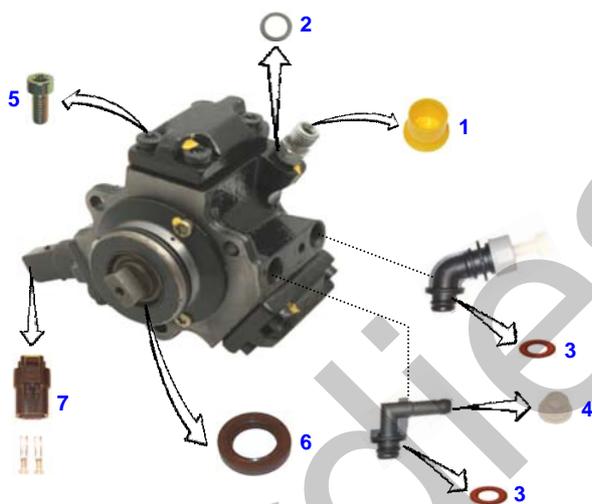


Position	Our Code	Description
1	30.992/30	O'ring connector
2	59.011	Plastic protection plug Ø 14
3	59.002	Plastic protection plug
4	59.134/5	Plastic protection plug
5	Spring	Coming-soon
6	Shims	Coming-soon
7	Washer	Coming-soon
8	Spacer	Coming-soon
9	52.299	Washer copper



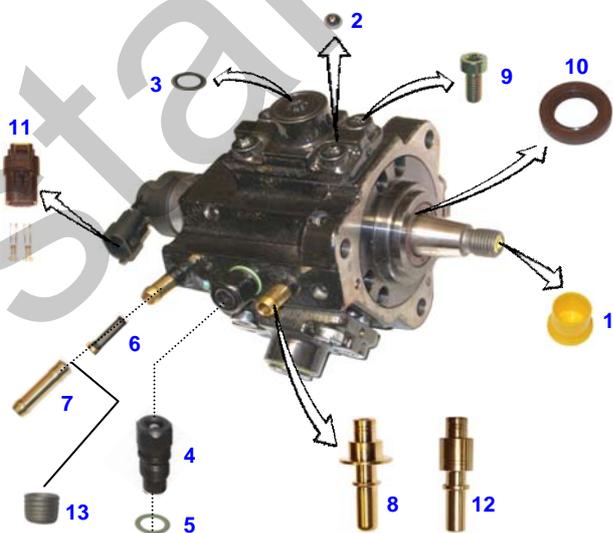
Injection pump CP1 S

Position	Our Code	Description
1	59.011	Plastic protection plug
2	53.074/20	Iron washer
3	56.113	Brass connection
4	56.112	Brass connection
5	56.112/5	Brass connection
6	59.134/5	Plastic protection plug
7	Screws	See page 13-2
8	31.947	Oil seal Ref/ F00R0P0253
9	Connector	See category nr.18



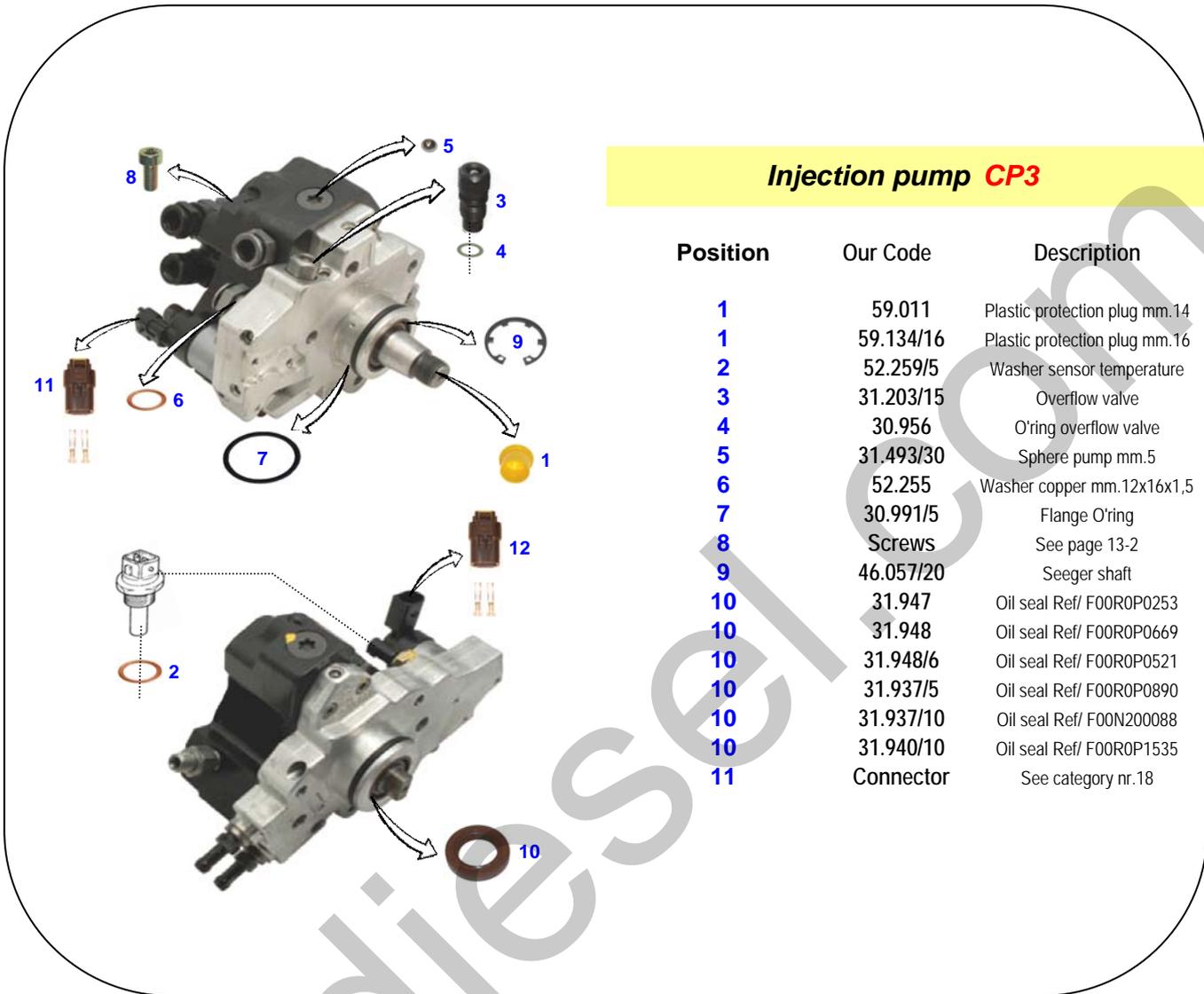
Injection pump CP1 K

Position	Our Code	Description
1	59.011	Plastic protection plug
2	53.074/20	Iron washer
3	31.057	O'ring plastic connectors
4	59.004	Plastic protection plug
5	Screws	See page 13-2
6	31.947	Oil seal Ref/ F00R0P053
7	Connector	See category nr.18



Injection pump CP1 H

Position	Our Code	Description
1	59.011	Plastic protection plug
2	31.497/35	Sphere pump mm.3,5
3	36.131/5	Bonded seal
4	31.203/15	Overflow valve
5	30.956	O'ring overflow valve
6	31.709	Filter
7	56.112/5	Brass connection
8	56.113/5	Brass connection
9	Screws	See page 13-2
10	31.947	Oil seal Ref/ F00R0P053
11	Connector	See category nr.18
12	56.113/10	Brass connection
13	31.709/5	Plug filter



Injection pump CP3

Position	Our Code	Description
1	59.011	Plastic protection plug mm.14
1	59.134/16	Plastic protection plug mm.16
2	52.259/5	Washer sensor temperature
3	31.203/15	Overflow valve
4	30.956	O'ring overflow valve
5	31.493/30	Sphere pump mm.5
6	52.255	Washer copper mm.12x16x1,5
7	30.991/5	Flange O'ring
8	Screws	See page 13-2
9	46.057/20	Seeger shaft
10	31.947	Oil seal Ref/ F00R0P0253
10	31.948	Oil seal Ref/ F00R0P0669
10	31.948/6	Oil seal Ref/ F00R0P0521
10	31.937/5	Oil seal Ref/ F00R0P0890
10	31.937/10	Oil seal Ref/ F00N200088
10	31.940/10	Oil seal Ref/ F00R0P1535
11	Connector	See category nr.18

Cod: 31.937/5
Ref/ F 00R 0P0 890=F 00N 202 338=F 00N 201 618



Applications: CP3
Size: mm.20x32x7
Material:VITON LINENIZED
Pack qty: 10 pcs

Cod: 31.947
Ref/ F 00R 0P0 253=F 00N 201 617



Applications: CP3
Size: mm.20x31x7,3
Material:VITON
Pack qty: 10 pcs

Cod: 31.937/10 Ref/ F 00N 200 088



Applications: CP3+CP4
Toyota d4d BH
Only nr.pump 0.445.010.105=134=113=112
Size: mm.20x32x7 double linenized
Material:VITON
Pack qty: 10 pcs

Applications: CP3
Material:VITON LINENIZED



Cod: 31.948
Ref/ F 00R 0P0 669=F 00N 202 337
Size: mm.25x37x7 Pack qty: 10 pcs

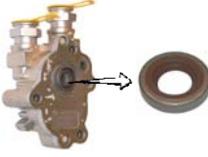
Cod: 31.948/6
Ref/ F 00R 0P0 521
Size: mm.25x36x7,3 Pack qty: 10 pcs

Cod: 31.940/10 Ref/ F 00R 0P1 535



Applications: CP3 0.445.010.043
VOLVO
Size: DOUBLE SEAL
Material:VITON
Pack qty: 10 pcs

Cod: 31.949 Ref/ 2 440 281 012



Applications: CP3 FUEL PUMP
Size: mm.18,8x10x5,2
Material:VITON
Pack qty: 10 pcs



Set for all injector Bosch System

Our Code	60.124/10	Ref/ F00VC99002 Ref/ F00RJ02176
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Tradictional injector

Our Code	60.124/5	Ref/ F00VC99176S
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Multijet injector

Our Code	60.124/7	Ref/ F00VC99176S
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Injector Nr.0.445.120.012

Our Code **60.124/9** Ref/ F00VC99176S

Applications: Renault Premium/Midlum CP2

Injector Nr.0.445.120.044

Our Code **60.170** Ref/

Applications: Man TGA Engine D28

Injector Nr.0.445.120.030=218

Our Code **60170/5** Ref/

Applications: Man TGA Engine D20



Injector Nr.0.445.120.007 Tector

Our Code: **60.144** Ref/

Applications: Iveco Eurocargo 2003 1°Series

Parts list:

- 30.912
- 30.992/30
- 30.990
- 60.096/17 mm.1,33
- 33.607/10
- 33.037/20
- 52.378
- 59.134/5



Injector Nr.0.445.120.054 Tector

Our Code: **60.144/5** Ref/

Applications: Iveco Eurocargo 2°Series

Parts list:

- 30.989
- 30.992/30
- 30.990
- 60.096/17 mm.1,33
- 33.607/10
- 33.037/20
- 52.378
- 59.134/5



Injector Nr.0.445.120.004=020=019

Our Code: **60.206** Ref/

Applications: Renault Premium I dci

Parts list:

- 33.037/20
- 33.607/10
- 59.137
- 30.788
- 30.912
- 60.096/17
- 30.992/30

Injector Nr.0.445.120.064 Euro 4/5

Our Code **60.208** Ref/

Applications: Renault Premium II dxi

Injector Nr./ - Euro 4/5 4.5/6.7 cc.

Our Code **60.210** Ref/

Applications: DAF LF Engine FR/GR **Paccar**

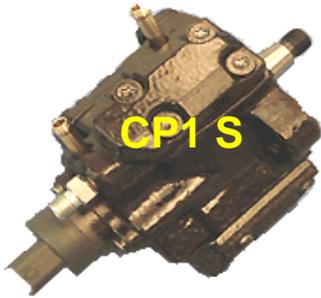
Injector Nr.

Our Code Ref/

Applications:

Code: 60.096

Ref/ F 01M 100 275



CP1 S



Reference complete pump: **0.445.010.006**

ALFA ROMEO 156/166 2.4 JTD=FIAT MAREA 2.4 JTD=LANCIA K/LYBRA/THESIS 2.4 JTD

Code: 60.096/30

Ref/ F 01M 100 275 S



CP1 K



CP1 K

Ref/complete pump
0.445.010.008
=004=015

Ref/complete pump
0.445.010.025



MERCEDES SPRINTER 2.1/2.2=VANEQ 1.7CDI+A160/170CDI E/C 200/220 CDI=SMART FORTWO 800 cc.CDI
IVECO DAILY Appl. 2 OIL SEALS

Code: 60.096/32

Ref/ F01M 100 275=276=277



CP1 K



CP1 S

Ref/complete pump
0.445.010.080=019

Ref/complete pump:
0.445.010.009



PLASTIC CONNECTORS ARE NOT INCLUDED



FIAT 500/ALBEA/DOBLO'/FIORINO/GRANDE PUNTO/IDEA/PALIO/PANDA/PUNTO 1.3 JTD/JTDm=FIAT DUCATO 2.8 JTD
IVECO DAILY=LANCIA MUSA/YPSILON 1.3 JTD/JTDm=BMW X5 3.0D+330+525+530+730d=CITROEN JUMPER=PEUGEOT BOXER
=RENAULT MASCOTT 2.8 HD=FORD KA' II 1.3 TDCi=MERCEDES C+CLK+E+G+ML 270 CDI=RANGE ROVER III TD6

Code: 60.096/35



CP1 H



Reference complete pump: **0.445.010.150=156=097=123=130**

ALFA ROMEO 147/156/159 1.9 JTDm=FIAT BRAVO/CROMA/DOBLO'/MULTIPLA/STILO/SEDICI 1.9 JTD
LANCIA MUSA 1.3 JTDm=AUDI 2.7/3.0 TDI=VW TUAREG 3.0 TDI=OPEL ASTRA+SIGNUM+VECTRA+ZAFIRA 1.9 CDTI

Code: 60.096/37



CP1 H



Reference complete pump: **0.445.010.139=0.445.020.083**

CITROEN C-CROSSER/C8 2.2 Ddi=FIAT ULYSSE+LANCIA PHEDRA 2.2 16v JTD
FORD GALAXY/MONDEO/S-MAX 2.2 TDCi=LAND R.FREELANDER II 2.2 TD4=PEUGEOT 4007+407+607+807 2.2 HDi

Code: 60.096/40



CP1 H



Reference complete pump: **0.445.010.157=122**

FIAT DOBLO'/GRANDE PUNTO/IDEA/LINEA/STRADA+LANCIA MUSA/YPSILON 1.3 JTD/JTDm 16v.
ALFA ROMEO MITO 1.3 JTD+OPEL ASTRA/CORSA 1.3 CDTI

Code: 60.096/50



Reference complete pump: **0.445.010.171=154=102**

AUDI A4 2.7/3.0 Tdi=AUDI A5 3.0 Tdi=A6 2.7/3.0 Tdi=Q7 3.0 Tdi=AUDI A8 3.0 TDi

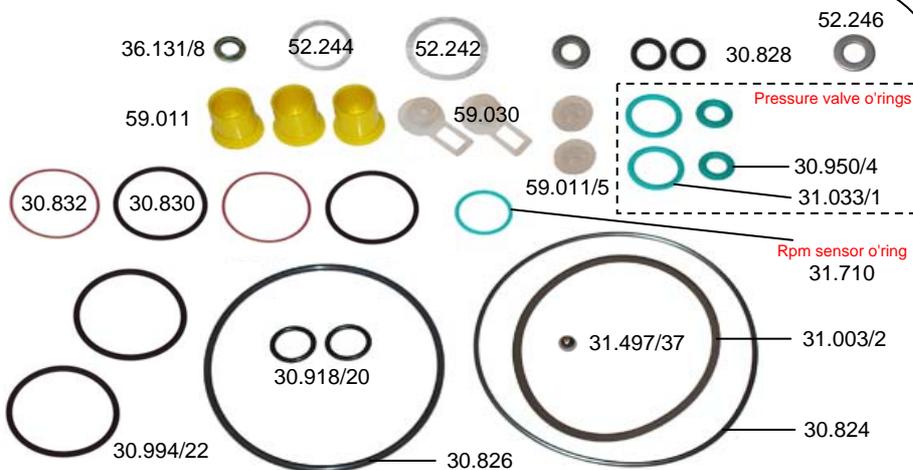
Code: 60.190



Reference complete pump: **0.445.010.170**

RENAULT Koleos/Laguna III 2.0 DCi

Code: 60.137/5



Reference complete pump: **0.445.020.012**

RENAULT MIDLUM II+PREMIUM II 160/190/220/240/280/320=VOLVO FE 240/280/320

Code: **60.137**



Reference complete pump: **0.445.020.007**

CASE 821 E=IVECO EUROCARGO TECTOR 3.9+5.9=VW COSTELLATION=FORD F250 4X4

Code: **60.137/2**



Reference complete pump: **0.445.020.030**

HUMMER H1 Alpha=CHEVY SILVERADO/GMC SIERRA 2500HD/3500 PICKUPS=GMC SAVANA
DURAMAX 6.6 engine Type LLY+LBZ Ref/ GM 97303762

Code: **60.137/6**



Reference complete pump: **0.445.020.031**

DAEWOO

Code: 60.138

Ref/ F 00N 201 973=974=975=976



CP 3



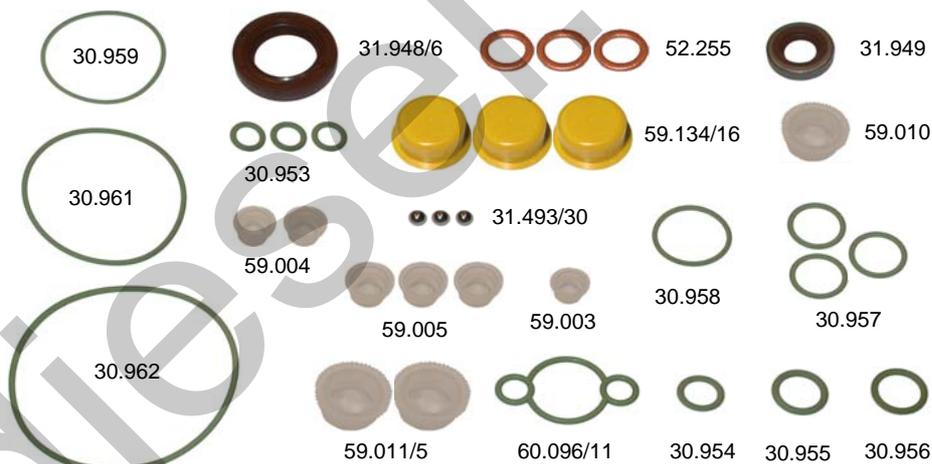
Reference complete pump: **0.445.010.143**

BMW 318+320+330+530+X5+X3 2.0=3.0D - IVECO DAILY 35+40+50+65 C Series - RENAULT ESPACE IV+LAGUNA+VEL SATIS 2.2 Dci=MERCEDES VITO=VIANO=SPRINTER=C=CLK=S=E=ML=CLS 210/220/270/280/320

Code: 60.138/5



CP 3



Reference complete pump: **0.445.010.036**

AUDI A8 3.3 TDI QUATTRO

Code: 60.139



CP 3



Reference complete pump: **0.445.010.029**

VW LT 28/35/46 2.8 TDI=AUDI A8 4.0=4.2 TDI - MERCEDES C 30 AMG CDI=E=G=ML=S 400 CDI

Code: **60.139/1**



Reference complete pump: **0.445.020.008**

FIAT Ducato 11/15/18 2.3 JTD/EGR=IVECO Daily 29/35/50 2.3 JTD

Code: **60.139/2**



Reference complete pump: **0.445.010.121**

HYUNDAI Santa fe/Tucson/i30/Sonata=KIA Carens/Sportage new 2.0/2.2 CRDi

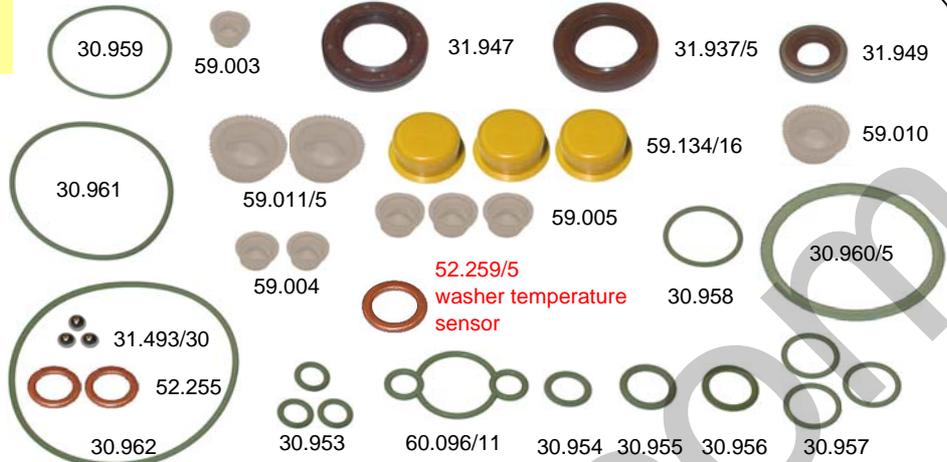
Code: **60.139/3**



Reference complete pump: **0.445.010.108**

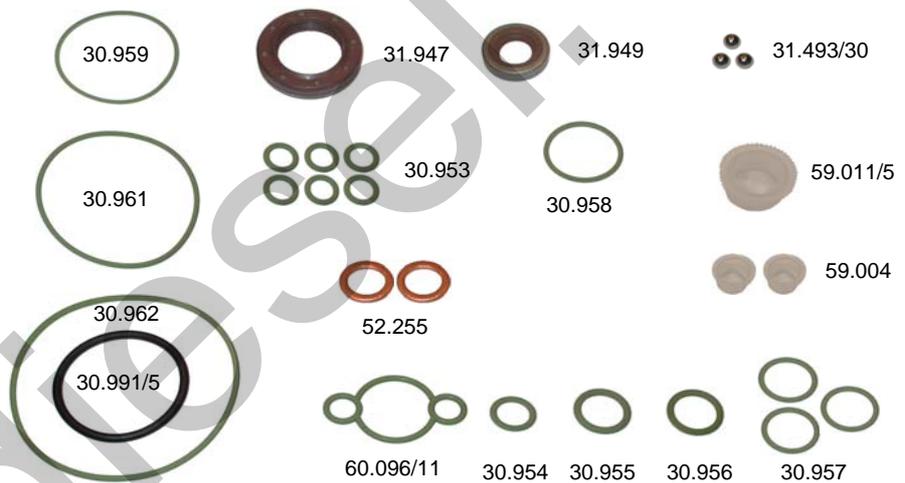
BMW 740 D ENGINE 398 D1 E 38/E65

Code: 60.139/4



Reference complete pump: **0.445.010.045**
MERCEDES CLK/CLS 320CDI+E 280/320 CDI+ML 280/320 CDI+R/S 280/320 CDI+S 320 CDI
VITO 120 CDI+SPRINTER 218/318/418/518 CDI+VIANO 3.0 CDI

Code: 60.139/5



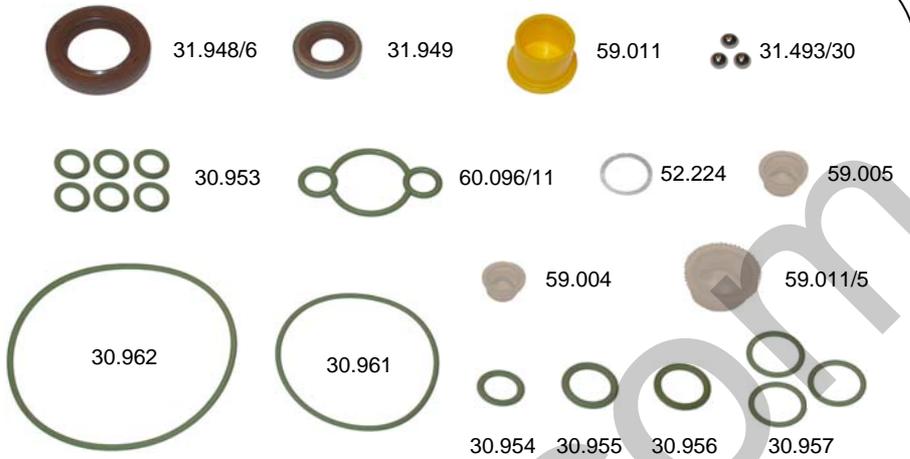
Reference complete pump: **0.445.010.075**
RENAULT ESPACE IV+LAGUNA II+MASTER+TRAFIC 1.9 Dci

Code: 60.139/6



Reference complete pump: **0.445.010.043**
VOLVO S60+S80+V70+XC70+XC90 2.4D5=2.4D

Code: 60.139/8



Reference complete pump: **0.445.010.082**
AUDI A8 4.0 TDI QUATTRO 202 Kw. FROM 2003 TO 2005

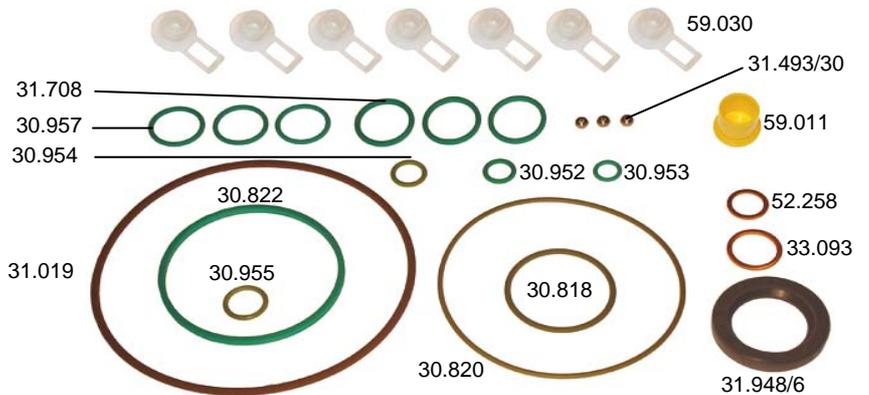
Code: 60.139/9



Reference complete pump: **0.445.010.052=101**
HYUNDAI Starex/Libero/Porter II/Avante/Matrix=KIA Cerato/Sorento 1.5/2.5 CRDi

Code: 60.183

Reference complete pump: **0.445.020.018**
Engine D28 Common-rail YEAR 2002/2006
MAN TGA
Reference complete pump: **0.445.020.023**
Engine D20 Common-rail YEAR 2006/2007
MAN TGA/TGS/TGX



MAN D20 + D28 COMMON-RAIL

Code: **60.185**



CP 3



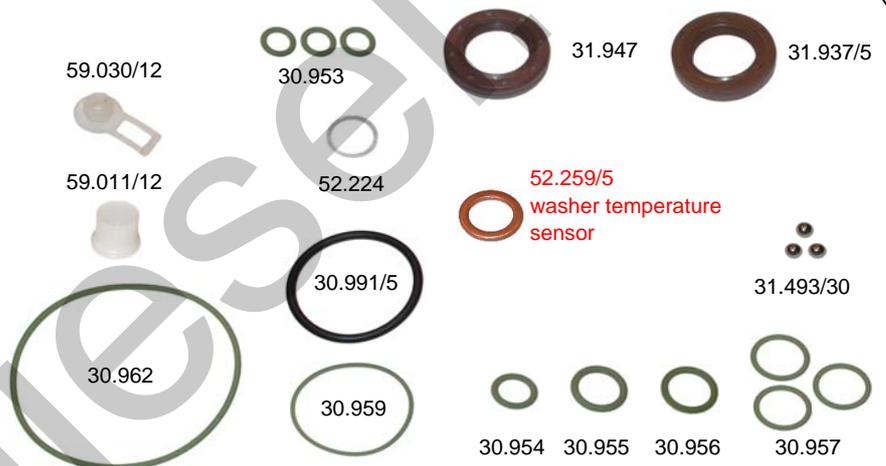
Reference complete pump: **0.445.010.098+073+081+091+107+135+167+213**

IVECO DAILY 29/35/40/50/65 C14/17 2.3/3.0 JTD=FIAT DUCATO 2.3 JTD=MAZDA BT-50 2.5/3.0 TD
BMW 330+530+535+X3+X5 3.0D+MERCEDES E 270+280+320 CDI=G320 CDI+RENAULT VEL SATIS

Code: **60.186**



CP 3



Reference complete pump: **0.445.010.096=120**

MERCEDES A+B 160/180/200 CDI=SMART FORFOUR 1.5 CDI

Code: **60.187**



CP 3



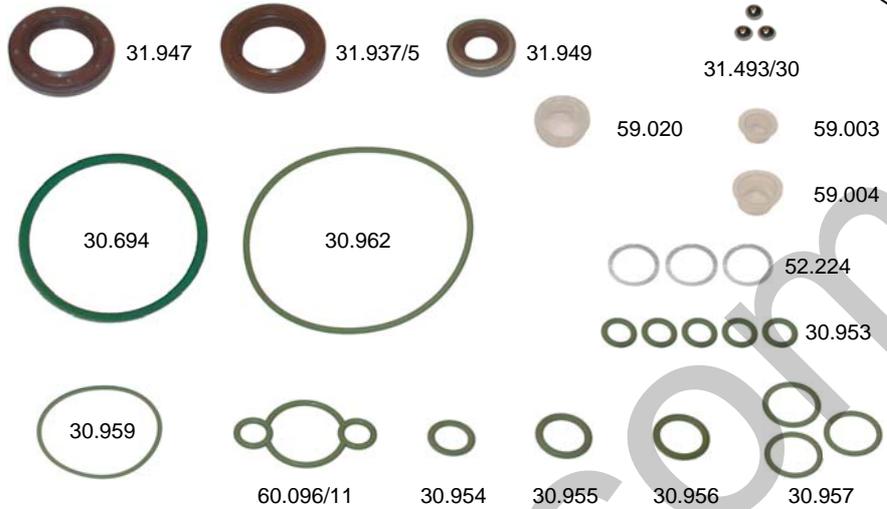
Reference complete pump: **0.445.010.105=134=113=112**

TOYOTA AURIS/COROLLA/YARIS 1.4 D4D Engine 1NDTV

Code: 60.188



CP 3



Reference complete pump: **0.445.010.099**

RENAULT Espace IV/Laguna II/III/Megane II/Scenic II/Trafic/Vel Satis 2.0 Dci=NISSAN Primastar 2.0 DCi

Code: 60.189



CP 3



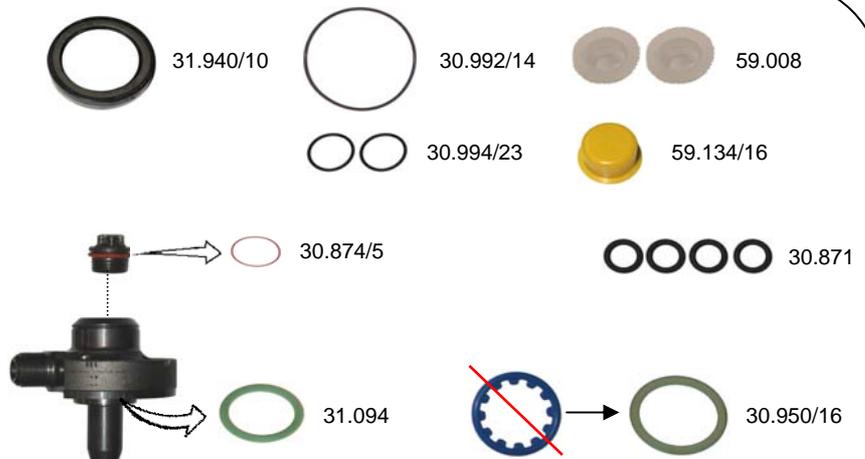
Reference complete pump: **0.445.020.043**

KOMATSU=CUMMINS 6.7 cc DIESEL

Code: 60.230
1 Plunger



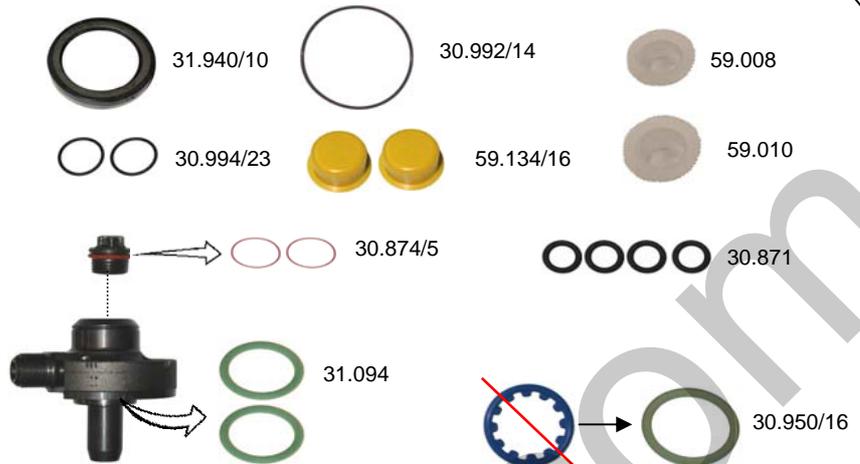
CP 4



Reference complete pump: **0.445.010.507**

AUDI A3/A4/A5/A6/Q5/TT=SEAT Leon/Exeo=SKODA Octavia/Superb/Yeti 2.0 TDI
VW Eos/Golf V/VI/Jetta/Multivan/Passat/Scirocco/Tiguan/Transporter T5 2.0 TDI

Code: 60.232
2 Plungers

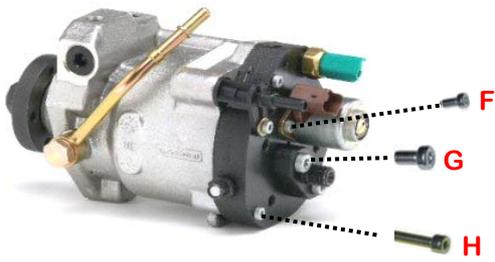


Reference complete pump: **0.445.010.611**
 AUDI A4/A5/A6/Q5/Q7 2.7/3.0 TDI=VW Phaeton/Tuareg 3.0 TDI

Code:

Reference complete pump:

SCREWS



Identification:

F	31.600/40	Drv torx screw
G	31.600/45	Plate torx screw
H	31.600/50	Head torx screw

Applications: **PUMP DELPHI**

PARTS FOR TUBE



Code nr: **60.151/2**
Waste plastic connection mm.4

3 ways in plastic white color

Applications:

Bosch system common-rail

Code nr: **60.151**
Waste plastic connection mm.4

4 ways in plastic white color

Applications:

Bosch system common-rail



Code nr: **56.263**
LOW PRESSURE TEXTILE HOSE
mm.3,2x7 (qty pack 50 mt.)



Code nr: **56.263/5**
LOW PRESSURE TEXTILE HOSE
mm.3x7 (qty pack 20 mt.)

WASTE JOINT INJECTOR

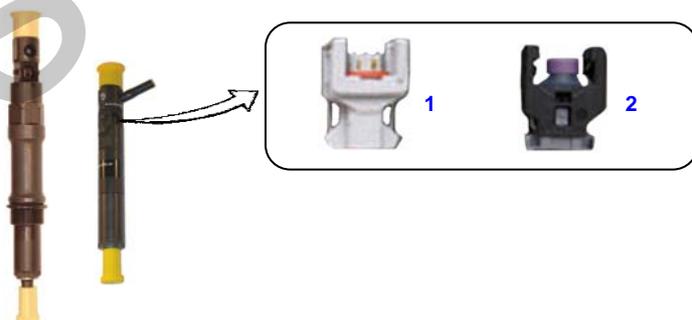


Code nr: **60.151/30**
Aluminium waste joint

2 ways 45°

Applications:

Delphi injectors



Electronic plastic connectors

1	Connector	Coming-soon
2	Connector	Coming-soon

Ford Mondeo III 16v. 2.0 Duratorq tdcj

Injector common-rail system DELPHI
Reference nr. EJDR00301Z=EJDR00101Z

Position	Our Code	Description
1	60.151/30	Plastic waste joint
2	30.920	O'ring plastic joint
3	30.790	Body o'ring (exterior)
4	80.002	Valve Ref/ 9308-621C
5	59.134/5	Plastic protection plug
6	59.011	Plastic protection plug Ø 14
7	Connector	Coming-soon
8	Connector	Coming-soon

Coming-soon

Nissan Almera/Micra 1.5 Dci

Injector common-rail system DELPHI
Reference nr. EJBR0180A

Position	Our Code	Description
1	53.267	Protection cup
2	59.011	Plastic protection plug Ø 14
3	59.134/5	Plastic protection plug
4	53.059/104	Nut Ref/ 9308-002C
4	53.059/106	Nut Ref/ 9308-002D
5	80.002	Valve Ref/ 9308-621C
6	Connector	Coming-soon
7	Connector	Coming-soon

Coming-soon

INJECTION PUMPS SPARE PARTS

Injection pump **DELPHI**

Position	Our Code	Description
1	59.011	Plastic protection plug
2	56.216	Drilled bolt mm.12x1,5
3	52.256	Washer copper mm.12x18x1,5
4	59.134/5	Plastic protection plug
5	Screws	See page 13-40
6	31.949/5	Oil seal Ref/ 9307-401A
6	31.949/10	Oil seal Ref/ 9307-402A
6	31.949/15	Oil seal Ref/ 9307-408A
6	31.949/20	Oil seal Ref/ 9307-410A=409A
7	Connector	See category nr.18

59.136
Protection
Ø 9/10

59.137
Protection
Ø 7/8

59.137/5
Protection Ø 5 mm.24,4

59.137/10
Protection Ø 9,9 mm.26

INJECTION PUMPS REPAIR KIT

Code: 60.139/7
Ref/ 7135-479=7135-539

Ref/complete pump:
9044A 013A

Ref/complete pump:
9042A 000A

Oil seal are not included

52.314

30.914/5
Or hydraulic head

59.011

59.136

59.137

30.872

59.137/5

59.137/10

43.011

30.868

30.860

30.870

30.866

30.858

30.854

30.955

CITROEN C3+FORD FOCUS TDCi=NISSAN MICRA+XTRAIL+ALMERA=RENAULT+NISSAN+FORD+KIA+MERCEDES

Cod: 31.949/5 Ref/ 9307-401A

Applications: **DELPHI**
FORD FOCUS TDCi 115 hp.
RENAULT=NISSAN=KIA=HYUNDAI

Size: mm.20x32x6
Material:VITON LINENIZED
Pack qty: 10 pcs

Cod: 31.949/15 Ref/ 9307-408A

Applications: **DELPHI**
FORD MONDEO TDCi 130 hp.

Size: mm.22,5x34,5x6
Material:VITON LINENIZED
Pack qty: 10 pcs

Cod: 31.949/10 Ref/ 9307-402A

Applications: **DELPHI**
FORD FOCUS TDCi 115 hp.

Size: mm.20x33x6
Material:VITON LINENIZED
Pack qty: 10 pcs

Cod: 31.949/20

Ref/ 9307-410A ex 409A

Applications: **DELPHI**
FORD FOCUS TDCi 130 hp.

Size: mm.22,5x35,5x6
Material:VITON LINENIZED
Pack qty: 10 pcs

Identification:

Applications:

Identification:

Applications:

Identification:

Applications:

Identification:

Applications:

Identification:

Applications:

Identification:

Applications:

SCREWS



Identification:

COMING-SOON

Applications:

DENSO HP0

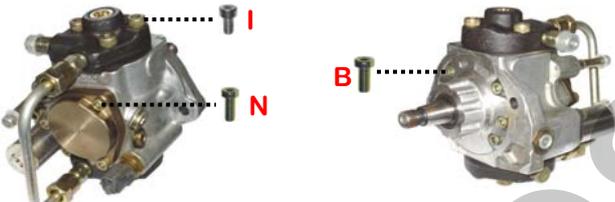


Identification:

C	31.600/10	Sensor torx screw
D	31.600/30	Head torx screw
N	31.600/75	Flange torx screw

Applications:

DENSO HP2



Identification:

B	31.600/5	Plunger torx screw
I	31.600/90	Cover torx screw
N	31.600/75	Cover torx screw

Applications:

DENSO HP3



Identification:

COMING-SOON

Applications:

DENSO HP4

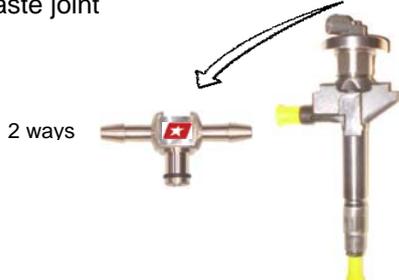
WASTE JOINT INJECTOR

Code nr: **60.151/35**
Steel waste joint



1 way

Code nr: **60.151/40**
Steel waste joint



2 ways

Mazda 6 td 136 hp

Injector common-rail system DENSO
Reference nr.5031 08D 07474- 1pin

Position	Our Code	Description
1	60.151/35	Aluminum waste joint 1 way
2	60.151/40	Aluminum waste joint 2 ways
3	31.086	O'ring Aluminum joint
4	52.385	Washer mm.2
5	31.084/4	O'ring spool injector
6	59.011	Plastic protection plug Ø 14
7	59.134/5	Plastic protection plug
8	Valve	Coming-soon
9	Pin	Coming-soon

Toyota Rav 4 d4d engine

Injector common-rail system DENSO
Reference nr.23670-30030- 2pin

Position	Our Code	Description
1	30.794	O'ring spool injector
2	59.002	Plastic protection plug
3	59.134/5	Plastic protection plug
4	59.011/12	Plastic protection plug
5	52.384	Washer mm.1,5
6	Valve	Coming-soon
7	Pin	Coming-soon
8	53.179/26	Spring
9	Shims	See page 6-44 mm.6,8x3,2
10	31.000/5	Body o'ring (exterior)
11	53.264/18	Spacer
12	Dowel pin	Coming-soon
13	53.059/96	Nozzle nut



Injection pump *DENSO HP 0*

Position	Our Code	Description
COMING-SOON		



Injection pump *DENSO HP 2*

Position	Our Code	Description
COMING-SOON		



Injection pump *DENSO HP 3*

Position	Our Code	Description
COMING-SOON		

Injection pump *DENSO HP 4*



Position	Our Code	Description
COMING-SOON		



Cod: 31.902/5 Ref/ 294197-0010

Applications: **DENSO HP3**
 Size: mm.20x30x6/7
 Material: NBR
 Pack qty: 10 pcs



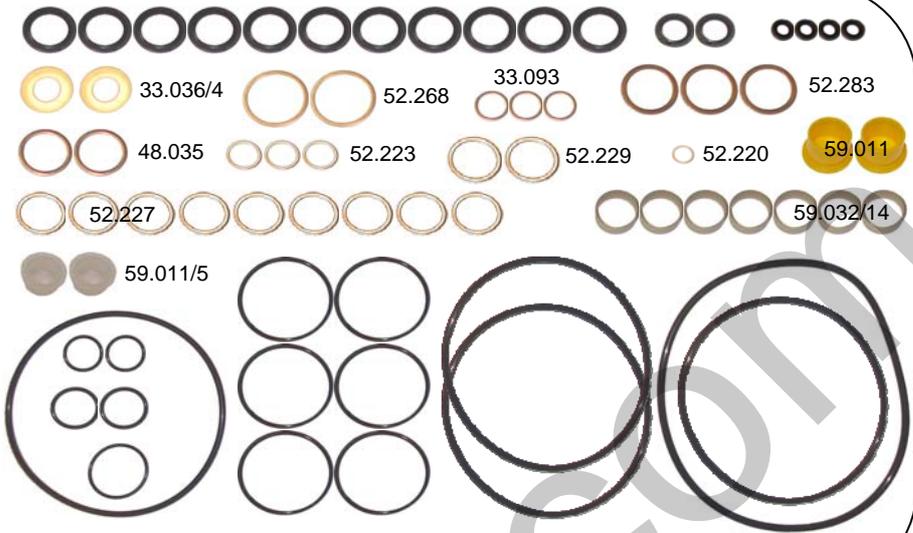
Cod: 31.940/15 Ref/ 097397-0010

Applications: **DENSO HP2**
 Size: mm.25x38x6,5
 Material: VITON
 Pack qty: 10 pcs

Code: **60.166/2**
Ref/ 094040-0010



HP0

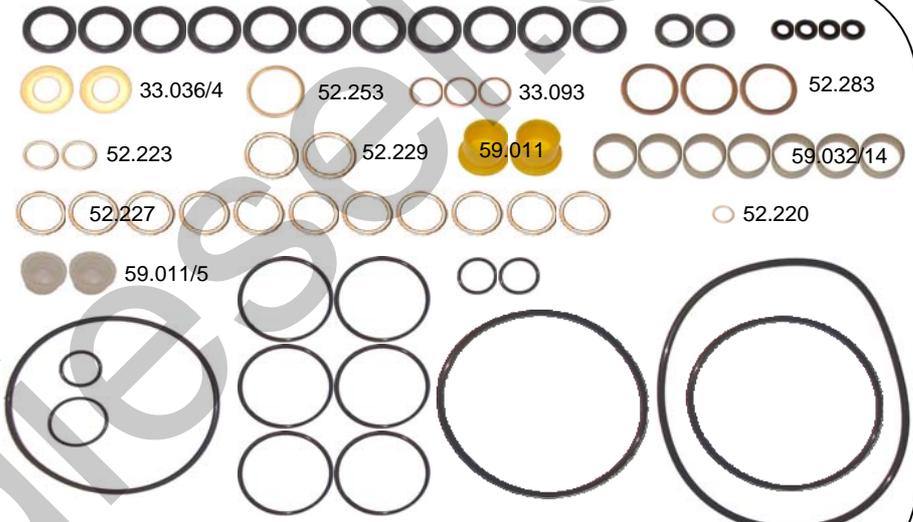


Reference complete pump: **094000-0055**
Mitsubishi Great

Code: **60.166/3**
Ref/ 094040-0030



HP0

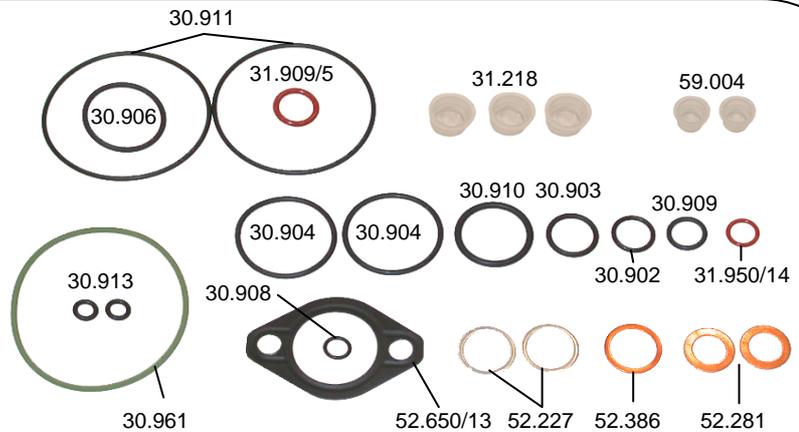


Reference complete pump: **094000-0310 John Deere RE501640=RE518423**
John Deere tractor series 20

Code: **60.166**
Ref/ 294009-0030



HP3



 Oil seal our code **31.902/5** Ref/ 294197-0010 are not included.

TOYOTA=NISSAN ALMERA+PRIMERA 2.2

Code: 60.166/5

Ref/ 097490-0010



TOYOTA AVENSIS+COROLLA+PREVIA+RAV 4 D4D Engine

Code: 60.166/4

Ref/ 294009-0050=0051



Reference complete pump: 294050-0060 John Deere RE519597

John Deere tractor series 30

Identification:

- B** 31.600/5 Cover torx screw
- E** 31.600/35 Flange torx screw
- D** 31.600/30 Secure valve torx screw

Applications:

SIEMENS

Identification:

- D** 31.600/30 Secure valve torx screw
- G** 31.600/45 PA torx screw

Applications:

SIEMENS NR.PUMP 5WS40273

Identification:

- G** 31.600/45 PA torx screw
- Q** 31.600/98 Flange torx screw

Applications:

SIEMENS VDO PCR 2.3 LION V6 EURO 4

Identification:

COMING-SOON

Applications:

FORD FOCUS 1.8 TDCI
Reference complete pump: **5WS40094=4M5Q9B395AD**

PA Siemens

Identification:

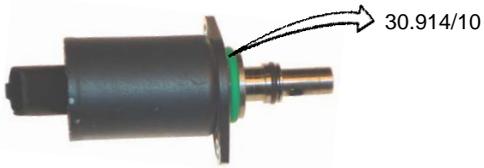
- E** 31.600/30 Secure valve torx screw
- F** 31.600/45 PA Cover torx screw

Applications:

Pump Nr. 5WS40273

Identification:

Applications:



Code nr. **30.914/10** Viton O'ring

Applications:
Secure valve SIEMENS pump



Code nr. **30.950/18** Viton o'ring

Applications:
Secure valve SIEMENS pump



Code nr. **31.000/5** Viton o'ring

Applications:
Secure valve SIEMENS pump



Code nr. **30.950/18** Viton o'ring

Applications:
Secure valve SIEMENS pump



Code nr. **30.910** Viton o'ring

Applications:
Secure valve SIEMENS pump

Code nr.

Applications:

PARTS FOR TUBE



Code nr: 60.151/2
 Waste plastic connection mm.4
 3 ways in plastic white color
Applications:

Siemens system common-rail



Code nr: 60.151
 Waste plastic connection mm.4
 4 ways in plastic white color
Applications:

Siemens system common-rail



Code nr: 56.263
LOW PRESSURE TEXTILE HOSE
 mm.3,2x7 (qty pack 50 mt.)



Code nr: 56.263/5
LOW PRESSURE TEXTILE HOSE
 mm.3x7 (qty pack 20 mt.)

WASTE JOINT INJECTOR



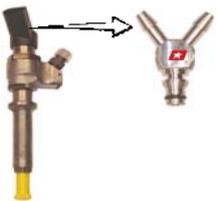
Code nr: 60.151/20
 Aluminium waste joint
 1 way
Applications:

Siemens injectors



Code nr: 60.151/27
 Aluminium waste joint
 2 ways 45°
Applications:

Siemens injectors



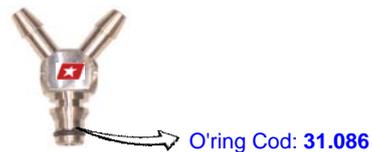
Code nr: 60.151/23
 Aluminium waste joint
 2 ways Y type
Applications:
 Siemens injectors for Psa engine



Code nr: 60.151/29
 Aluminium waste joint
 2 ways 45°
Applications:
 Siemens injectors



Code nr: 60.151/25
 Aluminium waste joint
 2 ways
Applications:
 Siemens injectorse



O'ring Cod: 31.086



60.151/5 Clip Ref/ 11800-001-001Z
 Injector nr.5WS40148-Z euro 3 - Peugeot 307=1007+Citroen C1=C2=C3+Ford Fiesta Fusion
 Injector nr.5WS40149-Z euro 4 - Peugeot 307=1007+Citroen C1=C2=C3+Ford Fiesta Fusion



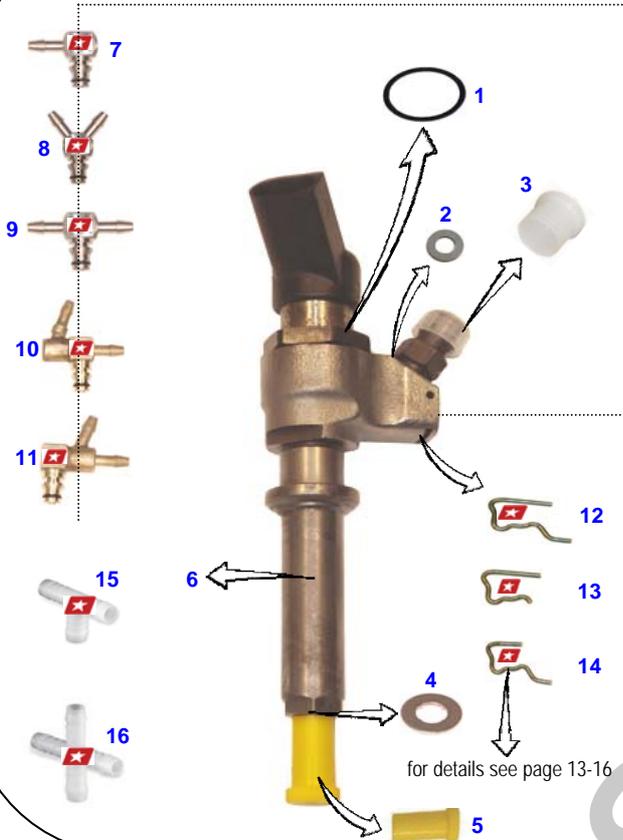
60.151/10 Clip Ref/ 11800-001-002Z
 Injector nr.5WS40156-4Z class 4 - Peugeot 307=407=607=807+Citroen C5=C8=Xsara+Ford C max+Volvo V50=V60
 Injector nr.5WS40156-Z class 5 - Peugeot 307=407=607=807+Citroen C5=C8=Xsara+Ford C max+Volvo V50=V60



60.151/15 Clip Ref/ 11800-001-003Z
 Injector nr.5WS40000-Z - Peugeot 307=Partner=406=Facelift=407+Citroen Berlingo=Xsara=C5

Citroen C5/Berlingo 2.0 hdi

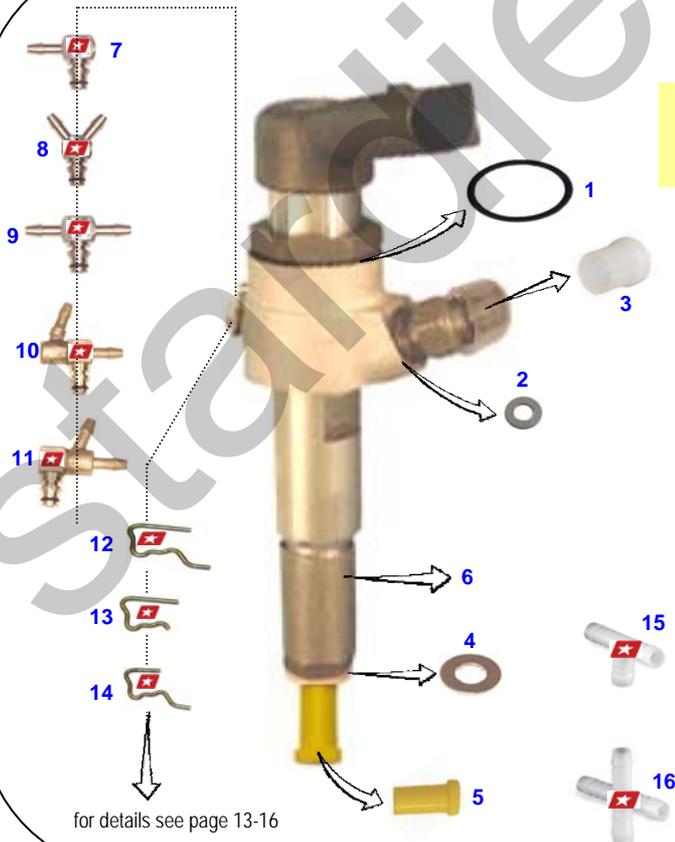
Injector common-rail system SIEMENS
Reference nr.5WS4000-Z



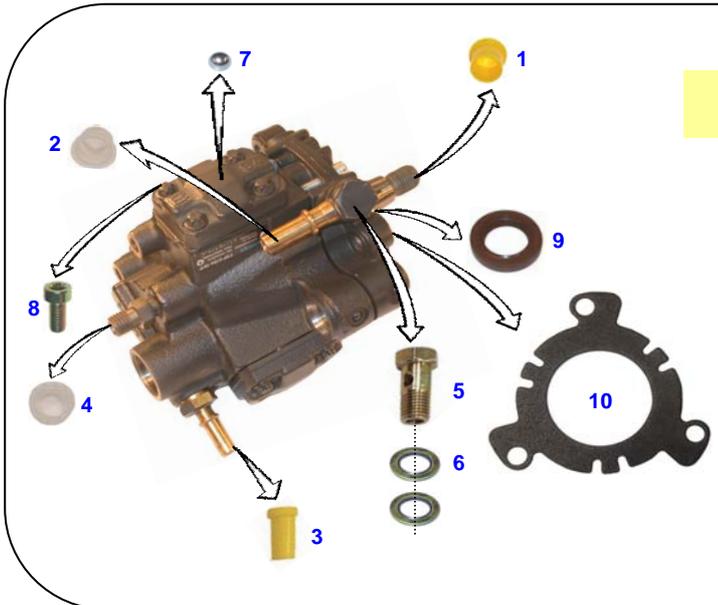
Position	Our Code	Description
1	30.792	O'ring spool injector
2	53.073	Iron washer mm.10x5x1,5
3	59.011/12	Plastic protection plug
4	Washer	See page 6-56
5	59.134/5	Plastic protection plug
6	53.059/114	Nozzle nut
7	60.151/20	Aluminium waste joint 1 way
8	60.151/23	Aluminium waste joint 2 ways
9	60.151/25	Aluminium waste joint 2 ways
10	60.151/27	Aluminium waste joint 2 ways
11	60.151/29	Aluminium waste joint 2 ways
12	60.151/5	Clip Ref/ 11800-001-001Z
13	60.151/10	Clip Ref/ 11800-001-002Z
14	60.151/15	Clip Ref/ 11800-001-003Z
15	60.151/2	Plastic connection 3 ways
16	60.151	Plastic connection 4 ways

Citroen/Ford/Mazda/Toyota 1.4 cc.
Euro 4

Injector common-rail system SIEMENS
Reference nr.5WS40148-Z

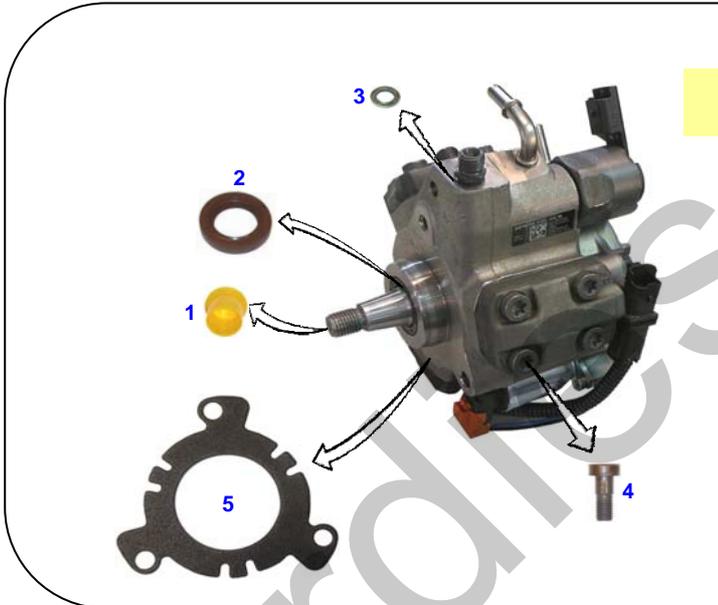


Position	Our Code	Description
1	30.792	O'ring spool injector
2	53.073	Iron washer mm.10x5x1,5
3	59.011/12	Plastic protection plug
4	Washer	See page 6-56
5	59.134/5	Plastic protection plug
6	53.059/112	Nozzle nut
7	60.151/20	Aluminium waste joint 1 way
8	60.151/23	Aluminium waste joint 2 ways
9	60.151/25	Aluminium waste joint 2 ways
10	60.151/27	Aluminium waste joint 2 ways
11	60.151/29	Aluminium waste joint 2 ways
12	60.151/5	Clip Ref/ 11800-001-001Z
13	60.151/10	Clip Ref/ 11800-001-002Z
14	60.151/15	Clip Ref/ 11800-001-003Z
15	60.151/2	Plastic connection 3 ways
16	60.151	Plastic connection 4 ways



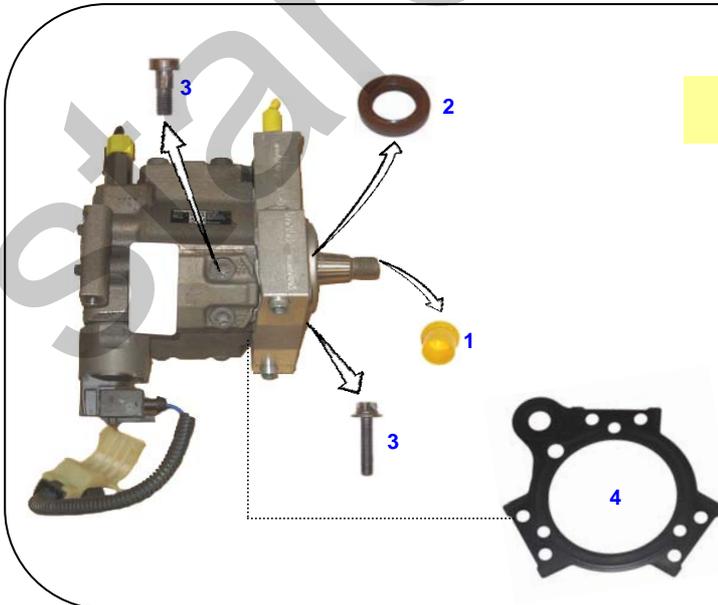
Injection pump SIEMENS

Position	Our Code	Description
1	59.011	Plastic protection plug
2	59.005	Plastic protection plug
3	59.134/5	Plastic protection plug
4	59.020	Plastic protection plug
5	56.216	Drilled bolt mm.12x1,5
6	36.131/12	Bonded seal mm.12
7	60.096/20	Sphere pump mm.3
8	Screws	See page 13-50
9	31.937/5	Oil seal mm.20x32x7
9	31.947	Oil seal mm.20x31x7,3
10	52.650/22	Flange washer



Injection pump SIEMENS 5WS 40273

Position	Our Code	Description
1	59.011	Plastic protection plug
2	Oil seal	Coming soon
3	53.074/5	Iron washer
4	Screws	See page 13-50
5	52.650/22	Flange washer

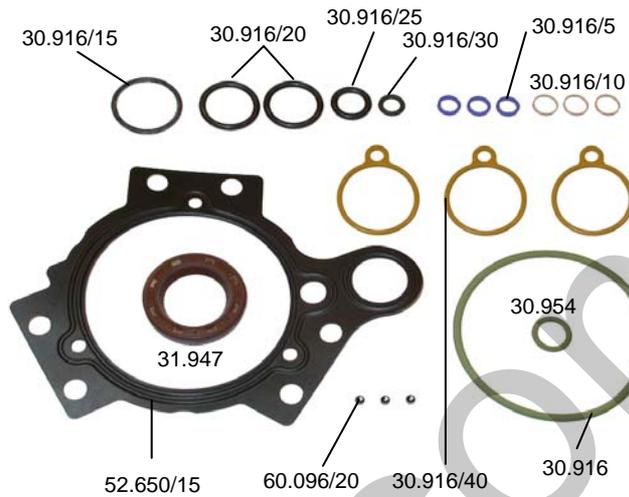
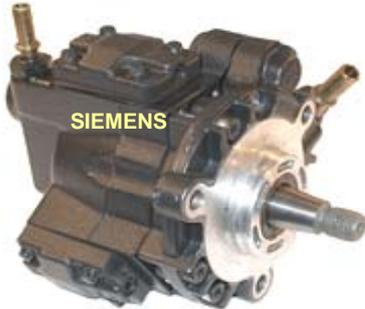


Injection pump SIEMENS 5WS 40157

1	59.011	Plastic protection plug
2	31.947	Oil seal
3	Screws	See page 13-50
4	52.650/23	Gasket

Code: 60.143

Ref/ X39-800-300-001Z

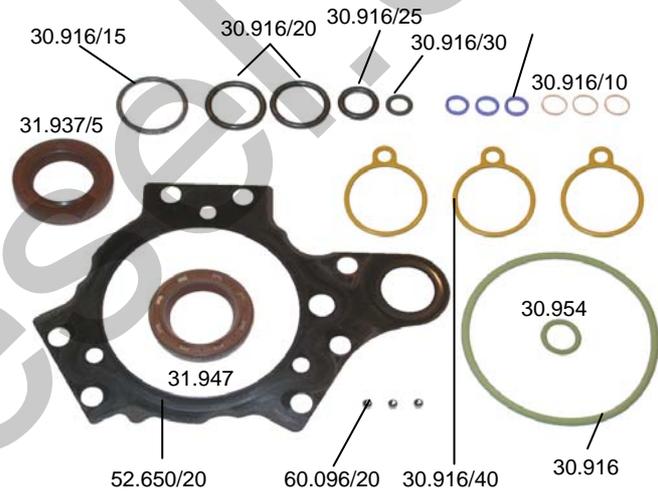
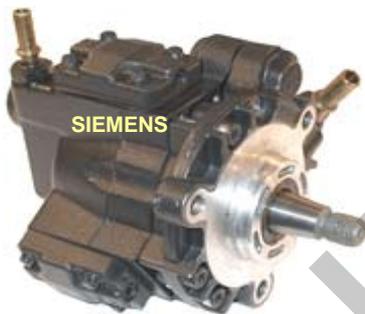


Reference complete pump: **5WS40018-Z +A2C59511605+A2C59511609**

Peugeot Partner,406,307,407+Citroen Berlingo,C5=Renault Clio,Scenic,Megane=Ford S-max,Galaxy,C-max,Mondeo,Connect
 Engine DW10TD 2.0 cc. 8 VALVES

Code: 60.143/3

Ref/ X39-800-300-020Z

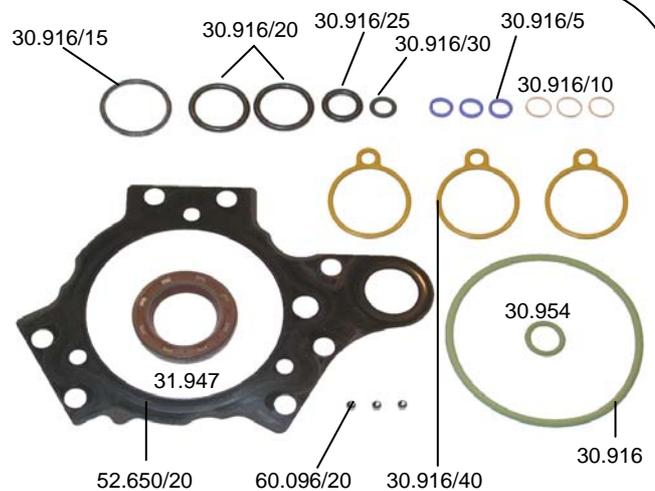


Reference complete pump: **2 oil seals 5WS40019-Z=5WS40163Z=A2C59511600**

Peugeot 307,407,607,807+Citroen C4,C5,C8,Picasso=Ford C-MAX+Volvo C30,S40,V50
 Engine DW10BTED 2.0 cc. 16 VALVES

Code: 60.143/5

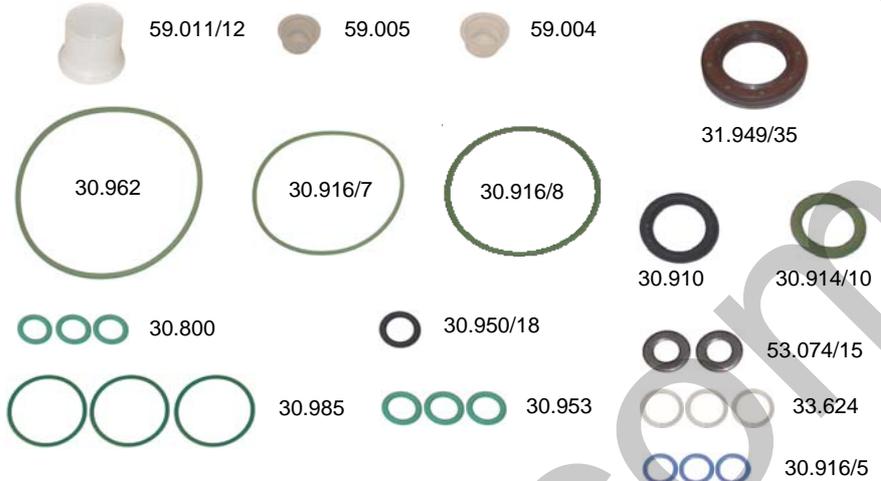
Ref/ X39-800-300-019Z



Reference complete pump: **5WS40008-Z**

Ford Fiesta,Fusion+Citroen C1,C2,C3=Peugeot 307,1007+Mazda 2+Toyota Aygo
 Engine DV4TD 1.4 cc. Euro 4

Code: 60.143/6



Reference complete pump: **5WS40273**
Land rover Discovery=Ford

Code: 60.143/8



Reference complete pump: **5WS40157=A2C59511314**
Range rover Sport, Land rover Discovery=Jaguar S-Type=Peugeot 407/607=Citroen C6 Engine 2.7 cc. Euro 3/4

Code: 60.214



Reference complete pump: **5WS40094=4M5Q9B395AD**
FORD Focus 1.8 TDCi



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Stardiesel.com

PLASTIC CONNECTORS FOR INJECTORS AND INJECTION PUMPS



Code nr. **49.276/50**

Application: **Injector and Pumps COMMON-RAIL System Bosch Type CP1H and CP3**

Description:

Complete set for electric connection



Code nr. **49.276/92**

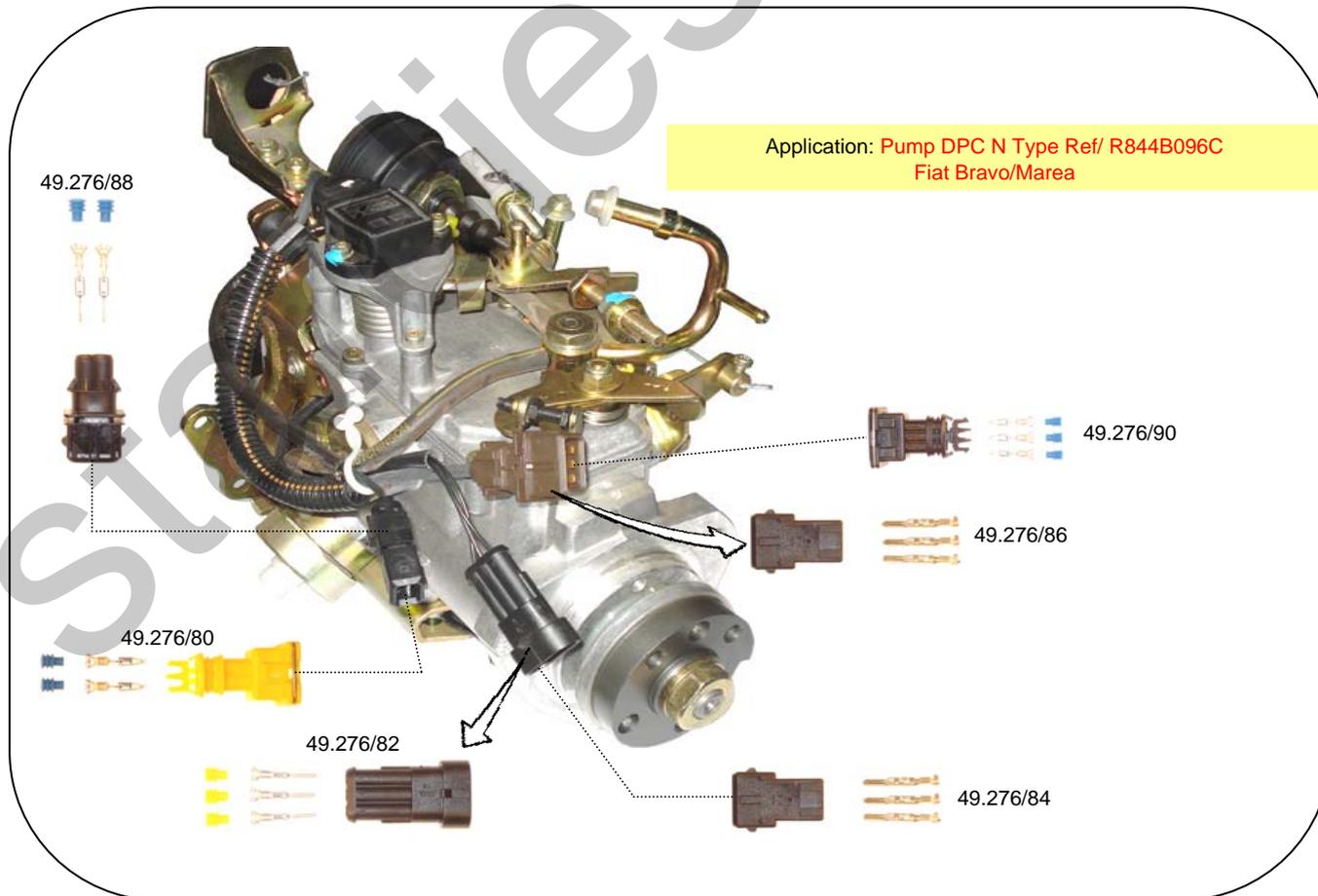
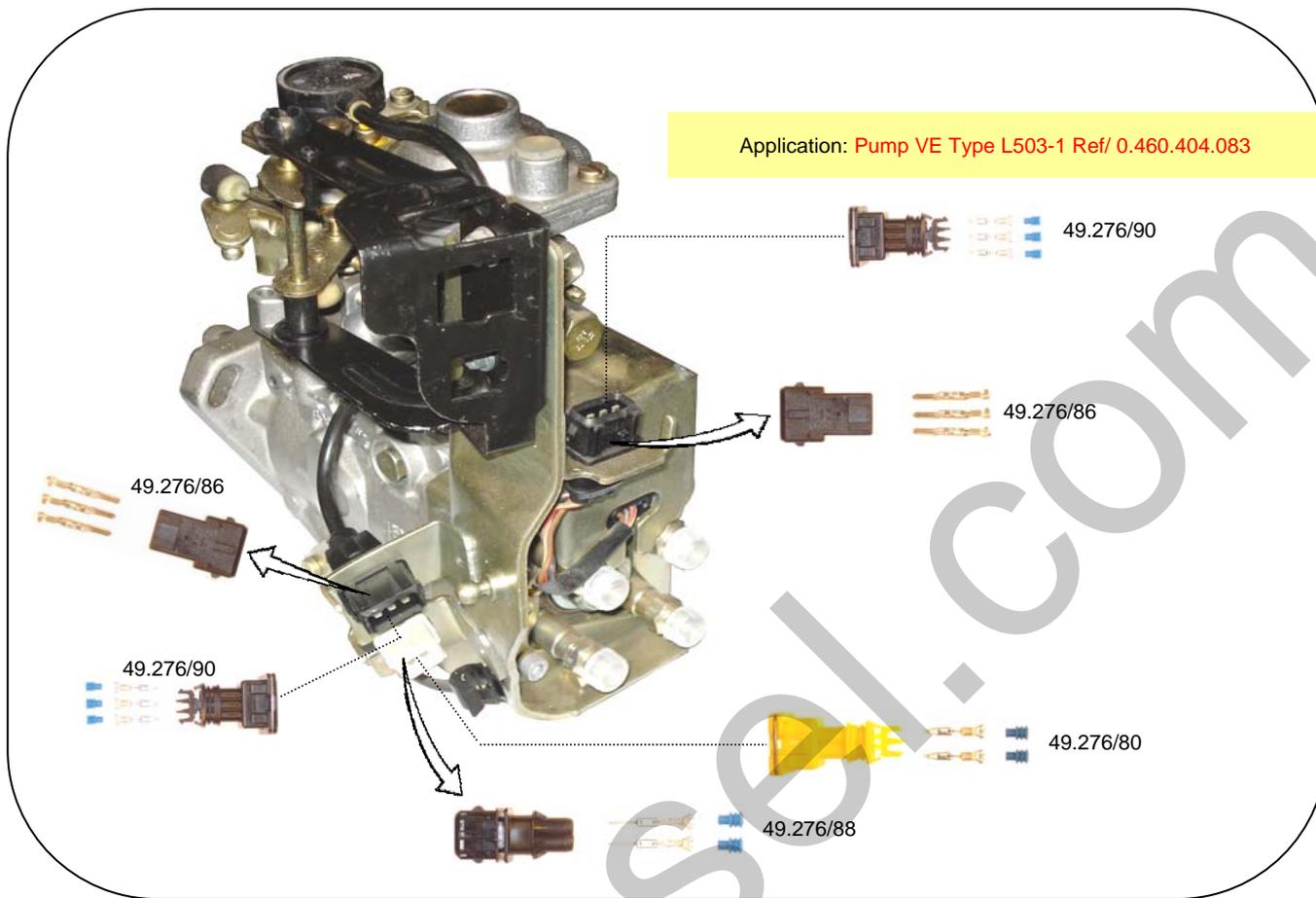
Application: **Drv System Bosch and pump CP1. Secure valves System Siemens and Delphi pump COMMON-RAIL**

Applications:

Complete set for electric connection



PLASTIC CONNECTORS FOR INJECTION PUMPS



16



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TOOLS



10 ML.

Code nr. **30.000** Qty pack 5 sticks



Application: **ALL APPLICATION FOR ASSEMBLING RUBBER PARTS.**

Description:

Special Silicon STAR for O'ring and gasket rubber



Code nr. **30.002**

Application: **COMMON-RAIL Injector**

Description:

Wrench for solenoid Iveco TECTOR

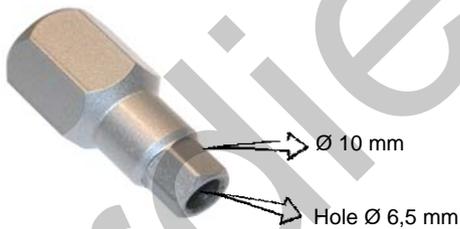


Code nr. **30.003**

Application: **PDE injector**

Applications:

Wrench for Scania and Iveco

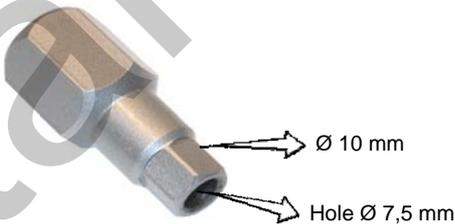


Code nr. **30.004**

Application: **COMMON-RAIL Injector**

Applications:

Wrench mm.10x6,5



Code nr. **30.004/10**

Application: **COMMON-RAIL Injector MULTIJET**

Applications:

Wrench mm.10x7,5



Code nr. **30.010**

Application: **COMMON-RAIL Injector**

Applications:

Clamp Volvo, Fiat Ducato, Bmw

TOOLS**Code nr. 30.011**

Application: COMMON-RAIL Injector

Description:

Clamp Systems Bosch and Delphi

**Code nr. 30.011/2**

Application: COMMON-RAIL Injector

Description:

Clamp mm.15x17x18x22

**Code nr. 30.012**

Application: VE / EDC Pumps

Description:

Wrench

**Code nr. 30.014**

Application: COMMON-RAIL Injector

Description:

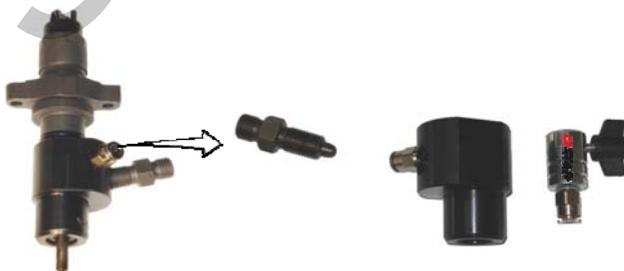
Wrench

**Code nr. 30.020**

Application: COMMON-RAIL Injector

Description:

Wrench for disassembly injector Iveco Tector

**Code nr. 30.025**

Application: COMMON-RAIL Injector

Description:

Testing Wrench for Injector Iveco TECTOR

TOOLS



Code nr. **30.030**

Application: **PDE injector**

Description:

Wrench 4 pins for injector for Land Rover TD5 Engine



4 pcs

Code nr. **30.031**

Application: **COMMON-RAIL Injector**

Description:

Milling cutter set for injector Siemens,Bosch,Delphi,Denso



Code nr. **30.031/5**

Application: **COMMON-RAIL Injector**

Applications:

Tool for Injector sphere on top valve



Code nr. **30.031/10**

Application: **COMMON-RAIL Injector**

Applications:

Tool for Bakelite washer on valve injector



Code nr. **30.034**

Application: **Modelling injection pipe tube**

Applications:

Tool for folds up straight pipes injection



Code nr. **30.032**

Application: **PDE injector**

Applications:

Adaptor for Iveco Cursor 8/10/13

TOOLS**Code nr. 30.072**Application: **P pump****Description:**

Toothed wrench with 1/2" square

Ref/ KDEP 2986

**Code nr. 30.143**Application: **Ve pump****Description:**

Wrench for housing pump

**Code nr. 30.146**Application: **Ve Pump****Description:**

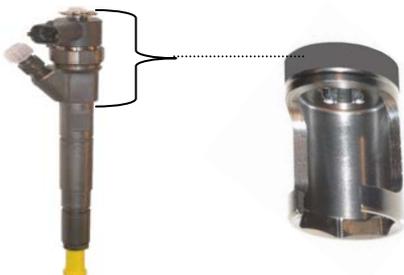
Dial gauge bearing

**Code nr. 30.166**Application: **PES.RSF..M****Description:**

Toothed wrench

**Code nr. 30.189**Application: **Nozzle holder Scania****Description:**

Nozzle holder wrench with 28 mm exag.and 1/2" square

**Code nr. 30.191**Application: **COMMON-RAIL Injector****Description:**

Extractor injector System Bosch mm.29

TOOLS



Code nr. **30.194**

Application: **Injector**

Description:

Disassembly tool mm.15x17x19x20 mm.



Code nr. **30.195**

Application: **Injector**

Description:

Disassembly tool mm.17x22x19x22



Code nr. **30.198**

Application: **Injector**

Applications:

Clamp injector for Man and Mercedes



Code nr. **30.226**

Application: **Valve Simms**

Applications:

Wrench valve



Code nr. **30.340**

Application: **Ve pump**

Applications:

Wrench for valve on housing pump VE



Code nr. **30.341**

Application: **Injector**

Applications:

Wrench for injector Mercedes

TOOLS



Code nr. **30.367**

Application: **COMMON-RAIL Injector**

Description:

Injectors service manual tools



Cod: **30.367** Including the following fixing plates.



Code nr. **30.367** *optionals not included*

30.367/2

Adaptor tool for **PDE 80.2**

30.367/4

Adaptor tool for **PDE 80**

Ref/ **30.367/2**

Ref/ **30.367/4**



Code nr. **40.000**

SIZE SHEET:11X8 cm Qty pack 5

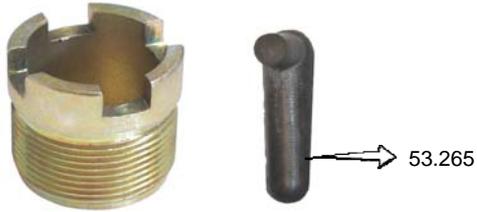
Application: **Cleaning**

Description:

Abrasive sheets for light cleaning



TOOLS



Code nr. **53.275**

Application: **Injector**

Description:

Wrench for injector Mercedes,Man
Ref/ 4030170271=2433462001



Code nr. **53.276**

Application: **Injector**

Description:

Wrench for injector Scania mm.28



Code nr. **57.250**

Qty pack 20 ml.

Application: **Various**

Applications:

Coloured sealing



Code nr. **57.251**

Qty pack 20 ml.

Application: **Various**

Applications:

Coloured sealing



Code nr. **57.260**

Qty pack 75 Gr.

Application: **For gaskets, motor parts and protection grankase**

TEMPERATURE RESISTANT (-70°C to + 260°C)

Applications:

Silicon rubber sealing



Code nr. **16489A**

Application: **Various**

Applications:

Lapping compound Stanadyne

NOZZLE TESTER STAR AND ACCESSORIES OPTIONAL



Code nr. **57.001/3**

Complete nozzle tester

Application: **For testing injectors**

Reference: 0.681.200.502

Comprehensive with Glycerine gauge 6/600 bar and pipes, filter and bowl.

OPTIONAL:

With **30.500** it's possible checking a common-rail injectors. Please see page 13-57 for a details.



PLASTIC CUP
COD.57.003 (WITH THREAD)



QUICK CONNECTOR
COD.57.002 (mm.12X4)

NIPPLES
COD.57.002/1



PIPES KIT SET for TESTER COD.57.002/2



GLYCERINE GAUGE
COD.56.999 (0/600 BAR)
Ref/ 1467231004S

FILTER for TESTER
COD.57.003/5 (WITH THREAD)

PLUNGER for TESTER COD.57.002/5

VALVE for TESTER COD.57.002/10

SPECIAL TOOLS



Code nr. **30.440**

Application: **Rebuilding injection pumps**

Description:

Pump clamping bracket



Code nr. **30.432**

Application: **Modelling a straight pipes tube**

Description:

Complete hydraulic press.
For details, please see page 8-14



Code nr. **30.193**

Applications:

INJECTORS COMMON-RAIL BOSCH mm.30



Code nr. **30.286**

Applications:

BMW mm.27

TOOLS



Code nr. **30.342**

Applications:

PULLER TOOL WITH CONNECTOR 12X14 mm.



Code nr. **30.344**

DIAMETER 8 AND 10 mm.

Applications:

FOR EXTRACT A BRASS CONNECTOR ON PUMP C/RAIL CP1



Code nr. **30.346**

FOR LUCAS ROTATIVE PUMPS

Applications:

AUTOADVANCE TOOL LUCAS Ref/ 1804-401

Code nr.

Applications:

Code nr.

Applications:



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ULTRASONIC CLEANING TANK

USE FIELD OF TANK: CAR REPAIR SHOPS AND SPECIALIST'S SHOP FOR MOTOR WITH PETROL AND DIESEL INJECTION, FOR CLEANING CARBURATORS, ELECTRIC INJECTORS, SMALL MECHANIC PARTS, ROTORS, STATORS etc.

Ref/ 30.434/4



INOX TANK SIZE Int.(mm)153x140x120h
 EXTERNAL SIZE (mm) 195x180x255h
TANK CAPACITY (lt.) 2
 STANDARD FREQUENCY (KHz) 38
 SUPPLY ALIMENTATION 220 V AC 50/60 Hz
POWER HEATING W 150 / **POWER ULTRASONIC** W 140
 WEIGHT kg. 2,5 / ABSORBED MAXIMUM TIDE A2

STANDARD EQUIPMENT: Tank with cover, basket, glass holder, 1 glass, heater and ultrasonic switch on/off

Ref/ 30.434/5



INOX TANK SIZE Int.(mm)240x137x100h
 EXTERNAL SIZE (mm) 315x175x255h
TANK CAPACITY (lt.) 2,75
 STANDARD FREQUENCY (KHz) 38
 SUPPLY ALIMENTATION 220 V AC 50/60 Hz
POWER HEATING W 200 / **POWER ULTRASONIC** W 150
 WEIGHT kg. 4,3 / ABSORBED MAXIMUM TIDE A2

STANDARD EQUIPMENT: Tank with cover, timer, regulator ultrasonic, basket, glass holder, 1 glass

Ref/ 30.434/6



INOX TANK SIZE Int.(mm)300x150x150h
 EXTERNAL SIZE (mm) 375x190x305h
TANK CAPACITY (lt.) 5,75
 STANDARD FREQUENCY (KHz) 38
 SUPPLY ALIMENTATION 220 V AC 50/60 Hz
POWER HEATING W 400 / **POWER ULTRASONIC** W 300
 WEIGHT kg. 6 / ABSORBED MAXIMUM TIDE A2

STANDARD EQUIPMENT: Tank with cover, timer, regulator ultrasonic, basket, glass holder, 1 glass

Ref/ 30.434/7



INOX TANK SIZE Int.(mm)300x240x150h
 EXTERNAL SIZE (mm) 375x280x305h
TANK CAPACITY (lt.) 9,5
 STANDARD FREQUENCY (KHz) 38
 SUPPLY ALIMENTATION 220 V AC 50/60 Hz
POWER HEATING W 600 / **POWER ULTRASONIC** W 550
 WEIGHT kg. 8 / ABSORBED MAXIMUM TIDE A2

STANDARD EQUIPMENT: Tank with cover, timer, regulator ultrasonic, basket, glass holder, 4 glasses

Ref/ 30.434/8

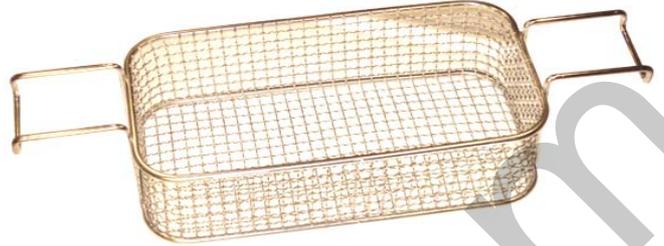


INOX TANK SIZE Int.(mm)375x175x240h
 EXTERNAL SIZE (mm) 525x295x420h
TANK CAPACITY (lt.) 16
 STANDARD FREQUENCY (KHz) 38
 SUPPLY ALIMENTATION 220 V AC 50/60 Hz
POWER HEATING W 800 / **POWER ULTRASONIC** W 800
 WEIGHT kg. 13 / ABSORBED MAXIMUM TIDE A2

STANDARD EQUIPMENT: Tank with cover, timer, regulator ultrasonic, basket

ACCESSORIES ULTRASOUNDS TANK

Ultrasonic heating tanks only



Cod: 30.433/5

ULTRASONIC LIQUID 5 Liter TO STEM

Cod: 30.435

BASKET FOR ALL USES



Cod: 30.436

STIRRUP PETROL INJECTOR

Cod:

Cod:

Cod:

(Manufacturer's reference numbers have only an indicative purpose)


DELPHI

BOSCH

ALL155P15221=789	HATZ Ref/ 50468000
ALLA124FL225	DELPHI Ref/ L225 PBC
ALLA130FL022	JOHN-DEERE 6125 H
ALLA140P826	IVECO 190 E40=EUROTECH CURSOR 10 Ref/ 500339059
ALLA140P947	IVECO 380/400/410 T42 Ref/ 0433171631
ALLA143FL011	JOHN-DEERE Ref/ L011PBB
ALLA143P894/	IVECO 180E24,E27,190224, 190E27,190E31,190E35,260E24,260E27
ALLA144P1170	KHD (INJ. 2112681)
ALLA145P580/	IVECO CURSOR 8
ALLA145P1534	IVECO STRALIS Ref/ 0433171946
ALLA147P799	SCANIA DSC Ref/ 140410
ALLA148FL216	VOLVO Ref/ L216PBC
ALLA150FL053	DAF F105 Ref/ L053PBC
ALLA150FL194	DELPHI Ref/ L194PBC
ALLA150FL229	VOLVO Ref/ L229PBC Ref/ VOLVO 3829087
ALLA150P1120+	MERCEDES ACTROS – 006 017 47 21, 005 017 39 21
ALLA150P1163+	MERCEDES ACTROS – 006 017 50 21, 005 017 45 21
ALLA150P635	SCANIA Ref/ 1497364 8075
ALLA150P847	SCANIA R420/R500/R580 Ref/ 0574381 7329
ALLA150P848	SCANIA R380/480 Ref/ 1497386 8075
ALLA150P957	MERCEDES ACTROS (INJ. 0 432 191 437)
ALLA152FL025	VOLVO Ref/ L025PBC FL 221
ALLA152FL028	VOLVO Ref/ L028PBC FL222
ALLA152FL233	DELPHI Ref/ L233PBC
ALLA154P596/	MERCEDES ACTROS/TRAVEGO
ALLA155FL210	DELPHI Ref/ L210PBC
ALLA155P572/	VOLVO FH12 / BOSCH EQUIP.
ALLA155P765	VOLVO FH 12 / EURO I-II (BOSCH - MARK2 PUMP)
ALLA155P872	VOLVO FH12 EURO II / BOSCH EQUIP.
ALLA156P1059+	MERCEDES ATEGO,CITARO Ref/ MB004 017 8121+005 017 77 21
ALLA156P819+	MERCEDES ACTROS
ALLA156P850+	MERCEDES ATEGO
ALLA156P1059+	MERCEDES ATEGO/CITARO Ref/ 004 017 8121+005 017 77 21
ALLA158P4820	VOLVO FH12 420HP / DELPHI EQUIP L014PBB
ALLA158P5040	VOLVO FH12 460HP / DELPHI EQUIP L017PBB
ALLA158P7154	VOLVO FH12 / DELPHI EQUIP LP004B
ALLA160P577	MERCEDES CITARO/AXOR/TRAVEGO
ALRL023	LAND ROVER TD5 Ref/ L023PBC
ASLA134P816	IVECO 180=190 E38 EUROSTAR=400/440 E38 EUROSTAR Ref/ 500338048
ASLA140P1100	RENAULT MAGNUM 400/440/480 E-TECH=DAF=KHD Ref/ 50 10 437 223
ASLA140P1124	RENAULT MAGNUM 400/440/480 E-TECH
ASLA142FL030	LAND ROVER Ref/ L030PBC
ASLA150P1042	AUDI A4/A6=SKODA SUPERB=VW PASSAT 1.9TDI
ASLA150P1043	AUDI A3=SEAT LEON/TOLEDO=VW BORA/PASSAT/GOLF 1.9 TDI
ASLA150P783	AUDI A2/A4/A6 1.4/1.9 TDI=SEAT AROSA 1.4 TDI=VW LUPO
ASLA150P800/	AUDIA3/A4=VW PASSAT/POLO/BORA=SKODA FABIA/SUPERB 1.9TDI
ASLA150P1247	VW 1.9 TD ENGINE AXR
ASLA156P1411	MERCEDES ACTROS / ATEGO Ref/ 028 07469 02
M001CTA	VOLVO FH12 Ref/ L001CTA+9170049A L001CTA



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DELPHI



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BOSCH

AFTL128

- ALLA118P1357 ★
- ALLA133P814-J
- ALLA139P851-J
- ALLA142P793-J
- ALLA142PM604
- ALLA143P761-J
- ALLA143P1404 ★
- ALLA143P1069/ ★
- ALLA145P864-J
- ALLA145P870-J
- ALLA145P926+
- ALLA145P928+
- ALLA145P978
- ALLA145P999
- ALLA146P768-J
- ALLA146P1296
- ALLA146P1405/ ★
- ALLA146P1406/ ★
- ALLA146P1545 ★
- ALLA146P1581 ★
- ALLA147P747-J
- ALLA147P788
- ALLA148P765-J
- ALLA148P800-J
- ALLA148P817-J
- ALLA148P826-J
- ALLA148P924-J ★
- ALLA148P1067
- ALLA148P1334 ★
- ALLA148P1347
- ALLA149P1471/ ★
- ALLA149P786-J
- ALLA150FL121
- ALLA150P815-J
- ALLA150P866-J
- ALLA150P1011/
- ALLA150P1076
- ALLA150P1197/
- ALLA150P1224
- ALLA150P1437 ★
- ALLA150P815-J
- ALLA150P866-J
- ALLA150P914-J
- ALLA150PM1600
- ALLA152P805-J
- ALLA152P862-J
- ALLA152P980-J
- ALLA153P884-J

FORD TRANSIT Ref/ L128PBD

- CUMMINS Ref/ 0433171843=3965721
- DENSO DLLA133P814
- DENSO DLLA139P851 Ref/ 095000-5480 JOHN DEERE Applications
- DENSO Ref/ 095000-0801
- PEUGEOT 1007+CITROEN C1/C2/C3+FORD FIESTA Ref/ M0604P142
- DENSO DLLA143P761 Ref/ 095000-0562
- VW VAN Ref/ 0433171870
- RENAULT Ref/ 820084534
- DENSO DLLA145P864 TOYOTA VIGO
- DENSO DLLA145P870 MITSUBISHI TRITON
- BMW 330D/XD/530D/730D/X5 3.0D
- BMW 13537785983+ LAND ROVER FREELANDER I 2.0 TD4
- CHRYSLER VOYAGER 2.5/2.8 CRD Ref/ 05066820AA
- RENAULT KERAX/PREMIUM 370 Dci with pump CP2
- DENSO DLLA146P768
- OPEL MOVANO+RENAULT MASTER 2.5 Dci 16v.
- SUITABLE ON INJECTOR NR.0445120040
- SUITABLE ON INJECTOR NR.0445120041
- CUMMINS Ref/ 0433171953=3999834
- KHD Ref/ 0433171968=04290987
- TOYOTA AVENSIS 2.0 D4D Ref/ 095000-0570
- TOYOTA SR
- NISSAN XTRAIL 2.2 Ref/ 095000-0510
- DENSO DLLA148P800 NISSAN PRIMERA
- OPEL ASTRA 1.7 Cdti Ref/ 095000-5084
- DENSO DLLA148P826
- OPEL MERIVA
- VW LT 28/35/46 2.8 Tdi+CHEVY BLAZER 2.8 DE+NISSAN FRONTIER 2.8
- ISUZU Ref/ 897363 812-0-2-3
- FIAT=OPEL ASTRA/VECTRA/ZAFIRA 1.9 Cdti Ref/ 0433171838
- CITROEN C3/C4/XSARA/BERLINGO+FOCUS/FUSION+PEUGEOT 307 1.6cc.
- DENSO Ref/ 095000-0761
- FORD FOCUS 1.8 Tdci Ref/ L121PBD
- DENSO Ref/ 095000-0761 TOYOTA AVENSIS VERSO 2.0
- DENSO DLLA150P866
- HYUNDAI ACCENT II/MATRIX 1.5 CRDi/SANTA FE'/TRAJET 2.0 CRDi
- RENAULT KERAX/PREMIUM 370/420 Dci with pump CP2
- HYUNDAI SANTA FE'/TUCSON+KIA 2.0 CRDi-VGT
- FIAT DOBLO'/IDEA/PANDA/G.PUNTO+LANCIA MUSA/Y 1.3 MULTIJET
- ALFA MITO+FIAT 500/PANDA/QUBO+OPEL CORSA 1.3 Ref/ 0433171889
- TOYOTA AVENSIS VERSO 2.0 D4D Ref/ 095000-7580
- DENSO Ref/ DLLA150P866
- DENSO Ref/ DLLA150P914
- FORD RANGER 3.0 Ref/ M1600P150
- MAZDA 5/6 2.0 Ref/ 095000-5030
- DENSO Ref/ DLLA152P862
- DENSO Ref/ DLLA152P980
- DENSO Ref/ DLLA153P884

(Manufacturer's reference numbers have only an indicative purpose)



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ALLA153P1270+		MERCEDES C/E/S/ 200/220/270/280/320 CDI
ALLA153PM003		PEUGEOT +CITROEN+VOLVO V50/V60 EURO 4/5 Ref/ M0003P153
ALLA155P750-J	★	DENSO DLLA155P750
ALLA155P753-J		TOYOTA LAND CRUISER Ref/ 095000-0750
ALLA155P818-J		DENSO Ref/ DLLA155P818
ALLA155P848-J	★	DENSO DLLA155P848
ALLA155P863-J		DENSO DLLA155P863 Ref/ 095000-5921
ALLA155P880-J		DENSO DLLA155P880 Ref/ 095000-7030
ALLA155P965-J	★	DENSO DLLA155P965
ALLA155P985-J		TOYOTA LAND CRUISER DENSO DLLA155P985 Ref/ 095000-5890
ALLA156P1107+		MERCEDES VITO 108/110/112/E/ML/S/V/CLK 200/220/320/370 CDI
ALLA156P1111		MERCEDES G 270 CDI/E/ML/S 400 CDI/SPRINTER
ALLA156P1114		HYUNDAI H1/STAREX (INJ.0 445 110 091) KIA SORENTO 2.5 CRDI
ALLA156P1265+		MERCEDES C30 CDI AMG/C30 CDI AMG Ref/ MB6120700287
ALLA156P1367	★	HYUNDAI PORTER II 2.5 CRDi Ref/ 0433171847=F01G00100F
ALLA156P1368		HYUNDAI LIBERO/STAREX+KIA SORENTO 2.5 CRDI
ALLA156P889/		MERCEDES SPRITER 208/308/408 CDI 2.2cc
ALLA158P844-J		DENSO DLLA158P844 Ref/ 095000-5342
ALLA158P854-J		DENSO DLLA158P854 Ref/ 95000-5471
ALLA158P1385		ISUZU Ref/ 897303657C
ALLA160P1032+		MERCEDES CITARO
ALLA160P1063+		BMW 320D/330D/530D/730D/740D
ALLA160P1308	★	BMW Ref/ 7791518
ASLA124P1309		CUMMINS Ref/ 0433175390=470=3964273=3968158
ASLA124P1659		DODGE RAM 2500/3500 CUMMINS Ref/ 4937700=4940051
ASLA136P804		IVECO DAILY/DUCATO 2.8/ RENAULT MASTER 2.8
ASLA140P1033/		IVECO DAILY 29L 10/L12/35C10/C12/35S10/S12//RENAULT MASTER
ASLA140P1061+		VOLVO Ref/ 8627319
ASLA140P1124		RENAULT/MACK TRUCKS
ASLA140P1142		RENAULT ESPACE IV+LAGUNA II+MASTER+MEGANE+SCENIC 1.9 DCI
ASLA140P862+		REMAULT MEGANE/ LAGUNA 1.9 DCI
ASLA142P1474		FIAT ULYSSE/DUCATO 2.0 JTD ENGINE PSA
ASLA142P795		CITROEN XANTIA+PEUGEOT 406 2.0 HDI
ASLA142P988+		FIAT ULYSSE 2.0 JTD (MOTORE PEUGEOT)
ASLA142PM604	★	PEUGEOT 307/1007+CITROEN C1/C2/C3+FIESTA FUSION Ref/M0604P142
ASLA142PV600		PEUGEOT 406/407+CITROEN BERLINGO/XSARA/C5 Ref/ M0600P142
ASLA143P970		IVECO 100 E 17/65+CUMMINS Ref/ 4 897 271/4 897 040+2 830 224
ASLA143P1058		CUMMINS Ref/ 0433175309=4640589
ASLA143P1404		VW CONTELLATION+VOLKSBUS+13.180/15.190 ELECTRONIC
ASLA144FL087		RENAULT CLIO/DELPHI EQUIP. L087PBD
ASLA144FL120		RENAULT/DELPHI EQUIP. L120PBD
ASLA144P1021		JTD/FIAT,LANCIA,ALFA ROMEO
ASLA144P1295		ALFA ROMEO 147/156/166(1.9/2.4 JTD)
ASLA144P971+		CITROEN 2.0 HDI/PEUGEOT 2.0 HDI
ASLA144P973+		FIAT PUNTO JTD
ASLA144PV602		TOYOTA AYGOMAZDA 2=PEUGEOT/CITROEN 2.2 HDI Ref/ V0602P144
ASLA144PV605	★	PEUGEOT 307/1007+CITROEN C1/C3+FIESTA FUSION Ref/V0605P144
ASLA145P1091		OPEL MOVANO/VIVANO+RENAULT MASTER+TRAFIC 2.5 DCI
ASLA145P763+		ALFA ROMEO 166+FIAT BRAVO/BRAVA+MULTIPLA+LANCIA 1.9/2.4 JTD



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ASLA145P864+ ★	BMW 530D+730D ENGINE E39
ASLA145P864/J	TOYOTA HILUX VIGO 3.0 TD
ASLA145P868+	BMW Ref/ 13 53 2 248 880+13 53 2 354 045
ASLA145P979	OPEL MOVANO 2.2 DTI
ASLA146FL109	CITROEN C3 1.4 HDI Ref/ L109PBD
ASLA146FL138	SSANYONG/REXTON CRDI
ASLA146P1055/	PEUGEOT 206.307 1.4 HDI=CITROEN XSARA 1.4 HDI
ASLA148FL157 ★	DELPHI Ref/ L0157PBD
ASLA150FL097	KIA CARNIVAL Ref/ L097PBD
ASLA152PV203	VW 2.0 TDI Ref/ V203P152
ASLA153FL096	FORD MONDEO 2.0 TDCI Ref/ L096PBD
ASLA154FL133	FORD MONDEO 2.0 TDCI (130) Ref/ L133PBD
ASLA154FL134	FORD MONDEO 2.0 TDCI (115) Ref/ L133PBD
ASLA154FL135	FORD MONDEO 2.0 TDCI (EU4) Ref/ L135PBD
ASLA154FL145	FORD TRANSIT 2.4 (EU3) Ref/ L145PBD
ASLA158FL137 ★	HYUNDAI CARNIVAL II/TERRACAN 2.9 CRDI
ASLA154P1034	MERCEDES CDI VARIE CC./SPRINTER VARIE
ASLA154P1320	MERCEDES 316CDI SPRINTER/VITO 108/110/112 CDI/V200/220 CDI
ASLA156P1079/+	MERCEDES E 200 CDI / E 220 CDI / E 270 CDI
ASLA156P1155+	MERCEDES CLASSE A 160/170 CDI
ASLA156P736/	MERCEDES C/E/VITO/SPINTER 220/270 CDI
ASLA156P737	MERCEDES CLASSE A 160/170 CDI
ASLA158P974+	GM 97208074/ISUZU Ref/ 2900009130

(Manufacturer's reference numbers have only an indicative purpose)



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DENSO



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