

OTO PERK

Denso CR Injector & Pump Repair Kits



EURODIESEL

OTO PERK A.S.

Şair Eşref Bulvarı Mo: 27/2 K : 401 34210 İzmir - Türkiye

Tel : 232. 478 2990 Fax : 232. 478 30 10

www.eurodiesel.com

otoperk@eurodiesel.com

Denso C/R Injector Repair Kits

① Valvola - Valve

② Pompante - Plunger

③ Dado - Nut

①

②

③



CAR MAKER	MODEL	INJECTOR	R9F. DENSO	VALVE	PLUNGER	NUT
CITROEN	JUMPER	6C1Q-9K546-AC	095000-580#	A1-30001	A1-31001	P2-04210
FIAT	DUCATO					
FORD	TRANSIT					
PEUGEOT	BOXER					
		CA6DL-32	095000-622#	A1-30014	A1-31018	P2-04197
DONGFENF	XICHA					
		23670-E0341	095000-522#	A1-30004	A1-31023	P2-04247
HINO	700-SERIES					
		23910-1252	095000-521#	A1-30012	A1-31020	P2-04247
HINO	P11C					
		23670-E0010	095000-659#	A1-30004	A1-31024	P2-04248
HINO	J08E					

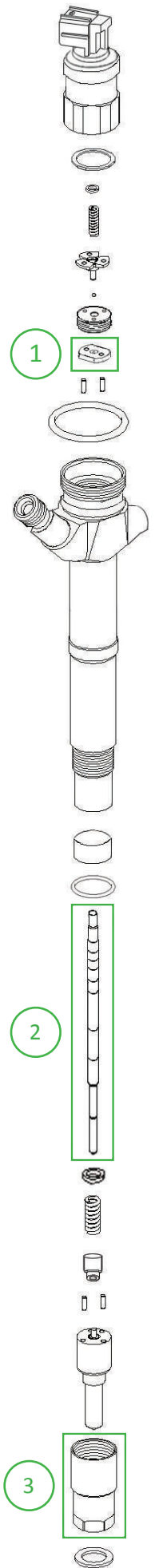
1

2

3

Denso C/R Injector Repair Kits

				①	②	③
CAR MAKER	MODEL	INJECTOR	R9F. DENSO	VALVE	PLUNGER	NUT
ISUZU	N-SERIES	8-97329703-1	095000-547#	A1-30006	A1-31006	P2-04245
ISUZU	N-SERIES	8-98151837-0	095000-890#	A1-30006	A1-31006	P2-04209
ISUZU	N-SERIES	8-97603415-#	095000-551#	A1-30006	A1-31013	P2-04209
ISUZU	GIGA-SERIES	8-98030550-0	095000-665#	A1-30006	A1-31013	P2-04209
ISUZU	FOWARD	8-97609788-#	095000-636#	A1-30011	A1-31006	P2-04209
KOBELCO Excavator	SK200-8	23670-E0050	095000-635#	A1-30004	A1-31024	P2-04248
	SK260-8					



Denso C/R Injector Repair Kits

① Valvola - Valve

② Pompante - Plunger

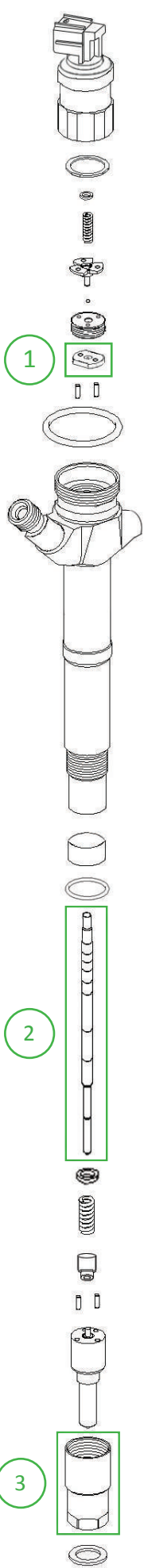
③ Dado - Nut

①

②

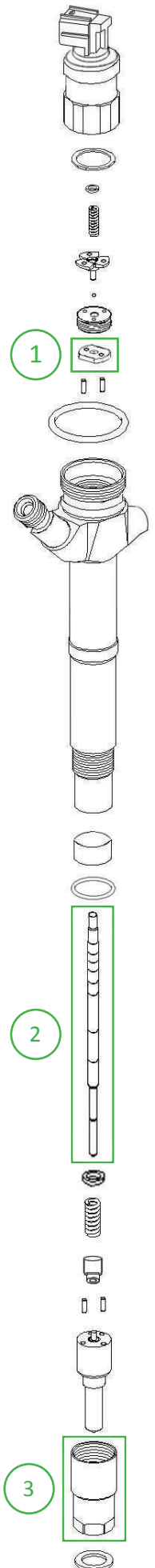
③

MODEL		INJECTOR		VALVE		NUT	
CAR MAKER	MODEL	INJECTOR	R9F. DENSO	VALVE	PLUNGER	NUT	
MAZDA	3	RF7J13H50	095000-578#	A1-30015	A1-31012	P2-04234	
	5						
	6						
MAZDA	MPV	RF5C13H50A	095000-503#A 095000-785#	A1-30004	A1-31004	P2-04234	
	6						
MAZDA	3	R2AA13H50	295050-001#	A1-30007	A1-31017	P2-04210	
	6						
	CX-7						
MITSUBISHI	L200	1465A041	095000-560#	A1-30018	A1-31011	P2-04210	
MITSUBISHI	PAJERO MONTERO	1465A054	095000-576#	A1-30003	A1-31003	P2-04210	



Denso C/R Injector Repair Kits

						
CAR MAKER	MODEL	INJECTOR	REF. DENSO	VALVE	PLUNGER	NUT
NISSAN	NAVARA	16600-EC00#	095000-625#	A1-30010	A1-31021	P2-04210
	PATHFINDER	16600-EB30#	095000-565#			
NISSAN	ALMERA	16600-AW40#	095000-513#	A1-30008	A1-31025	P2-04210
	PRIMERA	16600-BN80#	095000-518#			
	X-TRAIL					
NISSAN	X-TRAIL	16600-ES60A	095000-602#	A1-30008	A1-31008	P2-04210
OPEL	ASTRA	8-97376270-1	095000-613#	A1-30016	A1-31007	P2-04235
	CORSA					
	MERIVA					
	ZAFIRA					
OPEL	COMBO	8-97313861-2	095000-508#	A1-30020	A1-31010	P2-04235
	CORSA					
	MERIVA					

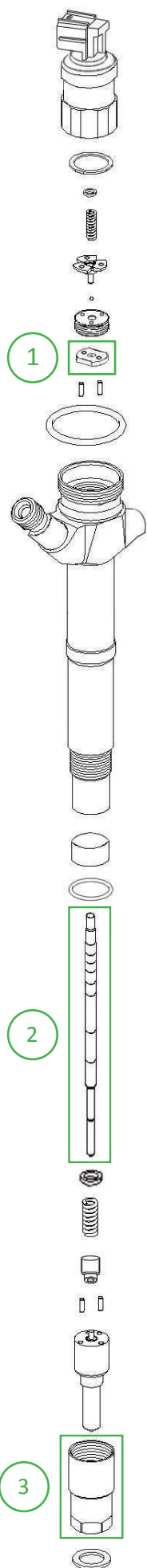


Denso C/R Injector Repair Kits

1 Valvola - Valve

2 Pompante - Plunger

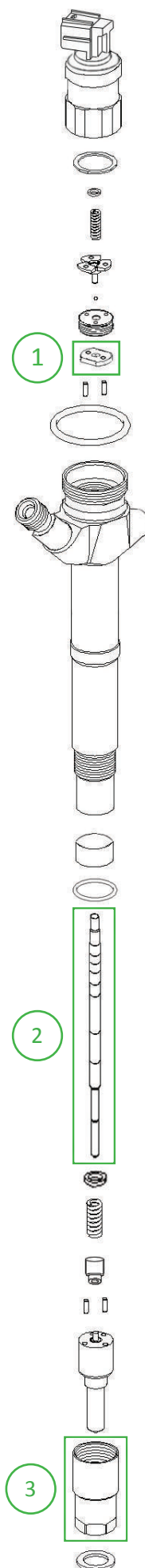
3 Dado - Nut



MODEL				1	2	3
CAR MAKER		INJECTOR	R9F. DENSO	VALVE	PLUNGER	NUT
OPEL	SIGNUM	8-97353080-0	095000-583#	A1-30008	A1-31016	P2-04210
	VECTRA					
RENAULT	ESPACE					
	VEL SATIS					
SAAB	9-5					
	9-6					
SINOTRUCK	-	801*	095000-801#	A1-30013	A1-31014	P2-04209
SINOTRUCK	HOWO	810*	095000-810#	A1-30013	A1-31019	P2-04209
SUBARU	IMPREZA	16613AA020	095000-789#	A1-30004	A1-31009	P2-04234
	FORESTER					
	LEGACY					
	OUTBACK					
TOYOTA	DYNA 200 (HINO)	23670-79026	095000-652#	A1-30008	A1-31015	P2-04211
		23670-E0091				

Denso C/R Injector Repair Kits

				①	②	③
MODEL						
CAR MAKER	MODEL	INJECTOR	R9F. DENSO	VALVE	PLUNGER	NUT
TOYOTA	AVENSIS	23670-0R160	095000-761#	A1-30019		
		23670-09260				
		23670-0R110	095000-725#			
		23670-09200				
		23670-0R060	095000-690#			
		23670-09200				
		23670-0R010	095000-561#			
		23670-09130	095000-611#			
TOYOTA	HILUX (2.5) LAND CRUISER	23670-30280	095000-778#	A1-30005		
		23670-39315	095000-829#			
			095000-592#			
		23670-30220	095000-741#			
		23670-39215				
		23670-30140	095000-676#			
		23670-39185	095000-703#			
	HILUX (3.0) HIACE	23670-30300	095000-776#			
		23670-39275				
		23670-30240	095000-739#			
		23670-39235				
		23670-0L010	095000-552#			
		23670-09060	095000-593#			



Denso C/R Injector Repair Kits

1 Valvola - Valve

2 Pompante - Plunger

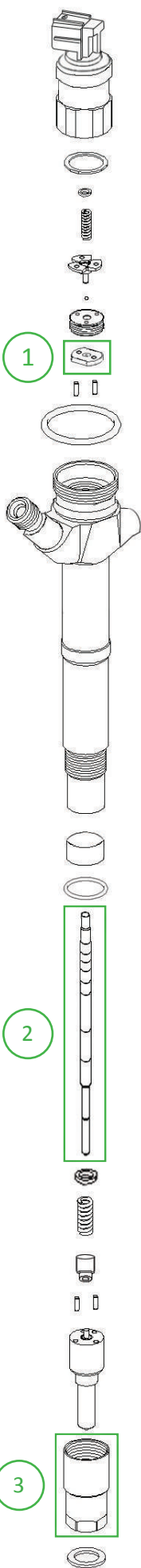
3 Dado - Nut

1

2

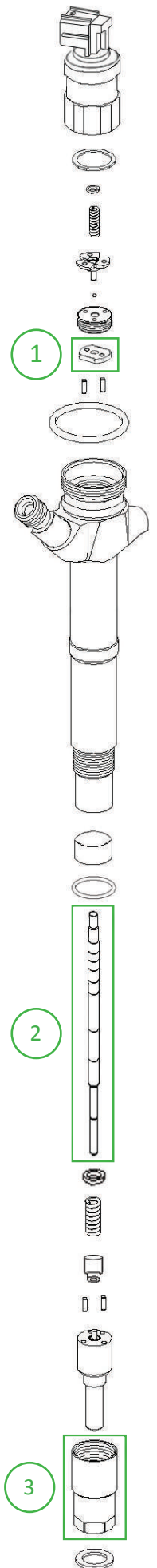
3

MODEL						
CAR MAKER	MODEL	INJECTOR	REF. DENSO	VALVE	PLUNGER	NUT
TOYOTA	AVENSIS AURIS COROLLA COROLLA VERSO RAV4	23670-0R180	095000-769#	A1-30017	A1-31002	P2-04233
		23670-09270				
		23670-0R130				
			095000-733#			
		23670-09230				
		23670-0R050	095000-668#			
		23670-09190	095000-697#			
TOYOTA	LAND CRUISER 200	23670-51030	095000-770#	-	A1-31002	P2-04233
		23670-59035	095000-771#			
		23670-51020A	095000-673#			
		23670-59025	095000-753#			



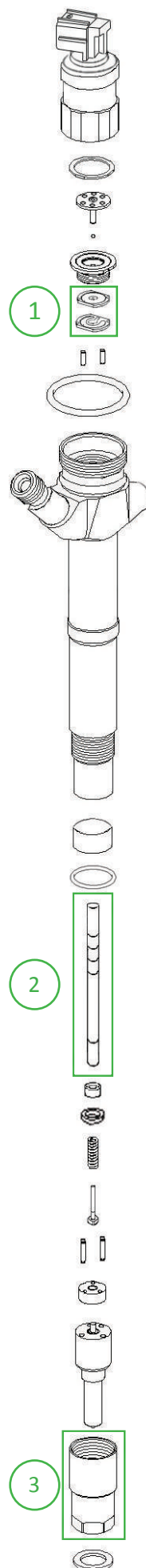
Denso C/R Injector Repair Kits

				①	②	③	
		MODEL					
CAR MAKER	MODEL	INJECTOR	R9F. DENSO	VALVE	PLUNGER	NUT	
TOYOTA	AURIS AVENSIS COROLLA	23670-0R190	095000-767#	A1-30009	A1-31002	P2-04233	
		23670-09280					
		23670-0R140	095000-731#				
		23670-09240					
		23670-0R030	095000-641#				
		23670-09180	095000-696#				
TOYOTA	COROLLA VERSO	23670-0R170	095000-764#	A1-30002	A1-31002	P2-04233	
		23670-09290					
		23670-0R120	095000-728#				
		23670-09210					
		23670-0R070	095000-691#				
		23670-09210					
		23670-0R020	095000-604#				
		23670-09140	095000-623#				
	RAV4						
XCMG	-	D28-001-801+C	095000-679#	A1-30004	A1-31022	P2-04210	
LIUGONG							
SHANTUI							
SDLG							

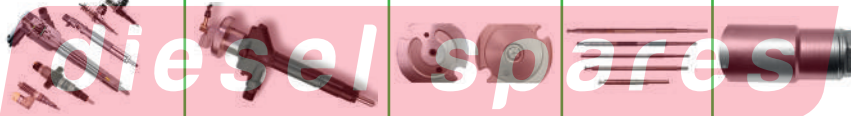


Denso C/R Injector Repair Kits

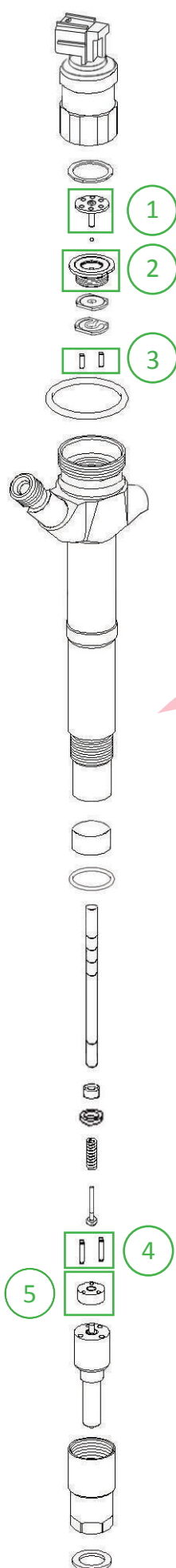
				
CODE KIT	NUT	SHUTTER	Sphere	VALVE
A1-23457/1	A1-23448	A1-23459	A1-23449	A1-30001
A1-23457/2				A1-30002
A1-23457/3				A1-30003
A1-23457/4				A1-30004
A1-23457/5				A1-30005
A1-23457/6				A1-30006
A1-23457/7				A1-30007
A1-23457/8				A1-30008
A1-23457/9				A1-30009
A1-23457/10				A1-30010
A1-23457/11				A1-30011
A1-23457/12				A1-30012
A1-23457/13				A1-30013
A1-23457/14				A1-30014
A1-23457/15				A1-30015
A1-23457/16				A1-30016
A1-23457/17				A1-30017
A1-23457/18				A1-30018
A1-23457/19				A1-30019
A1-23457/20				A1-30020



1 **Valvola - Valve**
 2 **Pompante - Plunger**
 3 **Dado - Nut**

						
CAR MAKER	MODEL	INJECTOR	R9F. DENSO	VALVE	PLUNGER	NUT
TOYOTA	LAND CRUISER	23670-30010	095000-052#	A1-32001	A1-31027	P2-04197
		23670-30020	095000-053#			
		23670-39015	095000-074#			
		23670-39025	095000-075#			
	AVENIS AVENIS VERSO PREVIA RAV4	23670-27030	095000-057#	A1-32001	A1-31029	P2-04211
		23670-29035	095000-042#			
	COROLLA COROLLA VERSO	23670-27020	095000-043#	A1-32001	A1-31028	P2-04211
		23670-29025	095000-064#			
	4RUNNER DYNA HIACE HILUX	23670-30030	095000-077#	A1-32001	A1-31029	P2-04211
		23670-30040	095000-063#			
		23670-39035	095000-094#			
		23670-39045	095000-095#			
NISSAN	PRIMERA	16600-AU600	095000-088#	A1-32001	A1-31030	P2-04210
OPEL	SIGNUM	8-97239161-7	095000-036#	A1-32001	A1-31031	P2-04211
	VECTRA					
RENAULT	ESPACE					
	VEL SATIS					
SAAB	9-5	RE501010	095000-055#	A1-32002	A1-31032	P2-04210
JOHN DEERE	6081T					

Denso C/R Injector Repair Kits



1

Shutter with ball



CODE: A1-23452

2

Nut



CODE: A1-23453

1

2

3

3

Pin

Ø 2,5 lungh. 8,7



CODE: A1-23445

4

Pin

Ø 1,8 lungh. 14,1



CODE: A1-23460

5

Intermediate disc spacer

Ø 15,3x8



CODE: P2-03081

Ø 16,3x8



CODE: P2-03065

Ø 16,3x8



CODE: P2-03069



**Denso Piezo (Euro 5) Injector Valves
are available Now !**

CODE : A1-32005

4

5



CODE: A1-23451

1 A4-10237

1 A4-10240



CODE: A1-23458

1 A4-10237

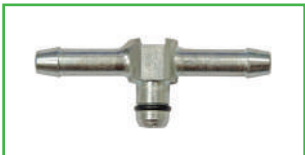
1 A4-10239

Denso C/R Injector Repair Kits

Waste Return



CODE: P2-07079



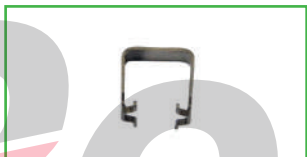
CODE: P2-07080

Denso washer



CODE: P2-07078

Clip



CODE: P2-07077

O-ring



CODE: A4-10044



CODE: A4-10248



KIT: t2-07081

1	P2-07077
1	P2-07078
1	P2-07080
1	A4-10044
1	A4-10248

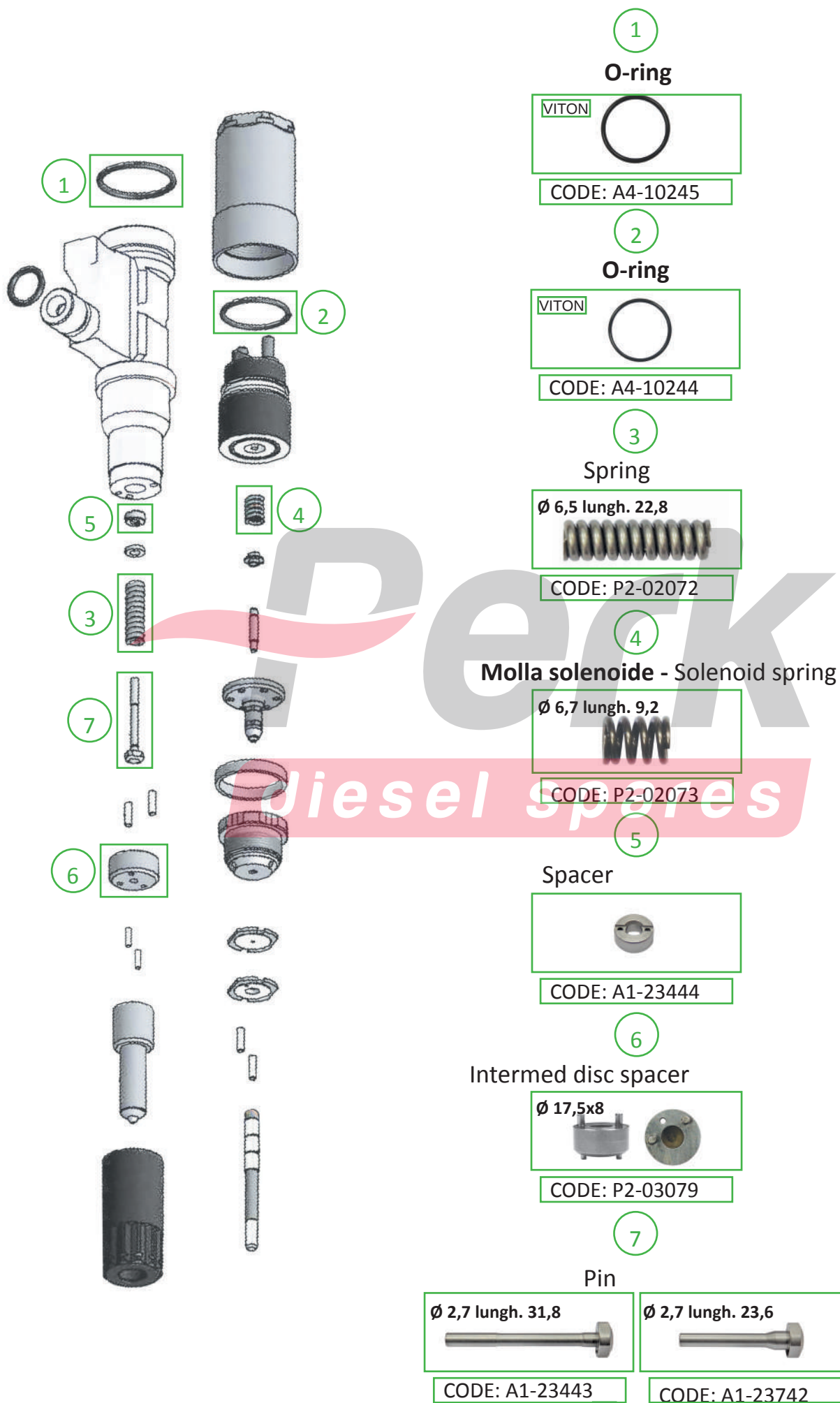


KIT: t2-07076

1	P2-07077
1	P2-07078
1	P2-07079
1	A4-10044
1	A4-10248

To all our costumers we'll supply technical application information detail on separate brochure

Denso C/R Injector Repair Kits



Denso C/R Injector Repair Kits

1

Pin



CODE: A1-23226

2

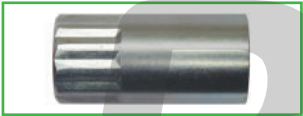
Pin



CODE: A1-23445

3

Cup nuts



CODE: P2-04242

For injectors

095000-056#	095000-500#	095000-670#	095000-810#
095000-080#	095000-501#	095000-801#	
095000-121#	095000-551#	614007L0127	



CODE: P2-04247

MARCA	CAR MAKER	COD. INIETTORE DENSO
ISUZU	HINO	095000-522#



CODE: P2-04248

For injectors

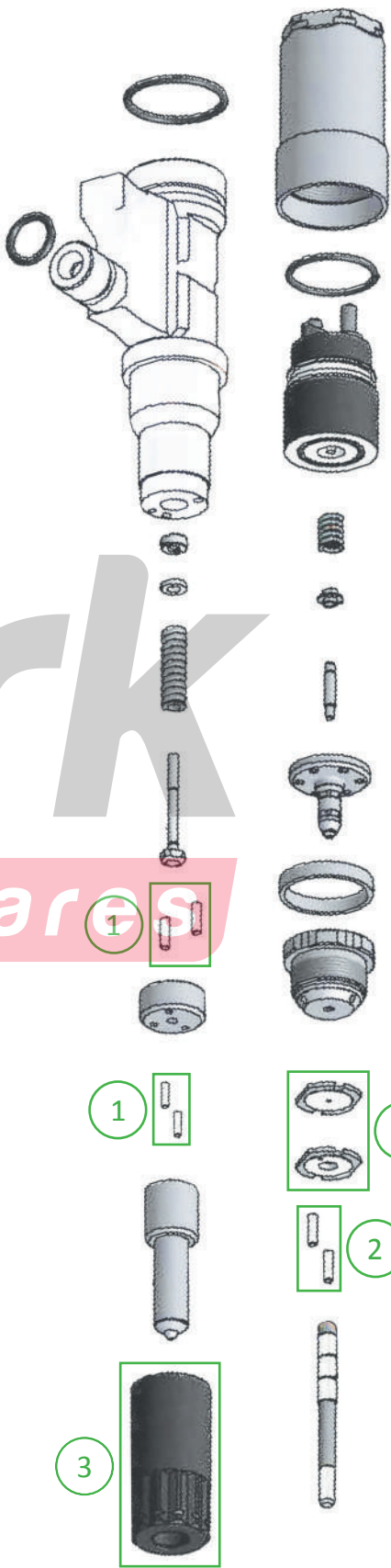
095000-058#	095000-658#
095000-635#	095000-659#

4

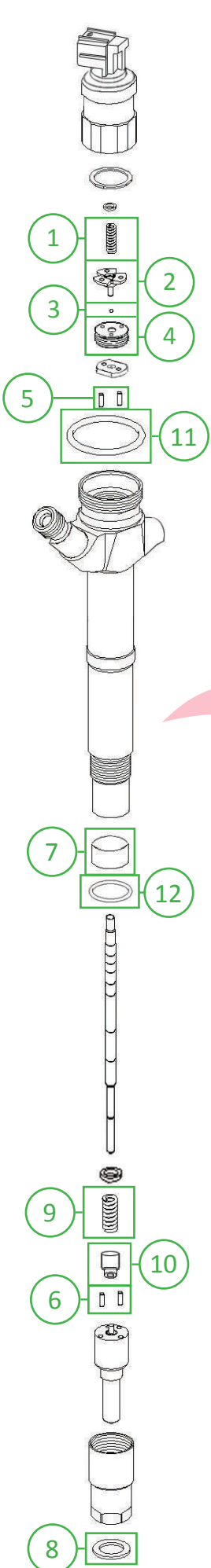
Valve



CODE: 11-33001



Denso C/R Injector Repair Kits



1

Solenoid spring

Ø 3,7 lungh. 18,8

CODE: P2-02069

2

Shutter with sphere

CODE: A1-23459

3

1/2 Sphere

ceramic
ceramic

CODE: A1-23449

4

Nut

CODE: A1-23448

5

Pin

Ø 2 lungh. 6,7

CODE: A1-23461

6

Pin

Ø 1,8 lungh. 6

CODE: A1-23226

7

Plastic bush

8

Heat shield

9

Nozzle spring

Ø 5,5 lungh. 13

CODE: P2-02070

10

Bush

Ø 6,5 lungh. 15,3

CODE: P2-02071

11

O-ring

NBR

CODE: A4-10237

12

O-ring

NBR

DIA	CODE
Ø 17 x 2	A4-10239
Ø 15 x 2,3	A4-10240

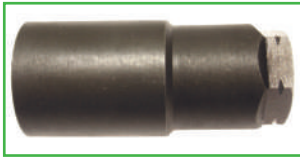
CODE	Ref. original
P2-24032	23256-27010
P2-24033	23256-27020
P2-24034	23256-30010

CODE	Ref. original	Description
A4-05303	11176-30011	-
P2-09101	11176-26010	Ø 17 sp. 3,0
A4-05317	11176-30010	Ø 16 sp. 2,0
A4-05318	11176-26030	-
P2-09084	11176-27010	Ø 17 sp. 3,5
A4-05329	11176-26020	-

Denso C/R Injector Repair Kits

1

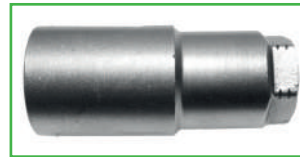
Cup nuts



CODE: P2-04210

APPLICATION

MARCA	CAR MAKER	COD. INJECTOR DENSO
MITUBISHI	1465A041	095000-560#
MITUBISHI	1465A054	095000-576#
NISSAN	16600-AW40	095000-513#
NISSAN	16600-ES60	095000-602#



CODE: P2-04233

APPLICATION

MARCA	CAR MAKER	COD. INJECTOR DENSO
TOYOTA	23670-0R010	095000-561#
TOYOTA	23670-30140	095000-676#
TOYOTA	23670-0R050	095000-668#
TOYOTA	23670-30300	095000-776#
TOYOTA	23670-30280	095000-778#



CODE: P2-04211

APPLICATION

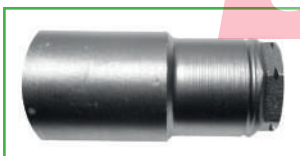
MARCA	CAR MAKER	COD. INJECTOR DENSO
TOYOTA	23670-27030	095000-057#



CODE: P2-04197

APPLICATION

MARCA	CAR MAKER	COD. INJECTOR DENSO
TOYOTA	23670-30020	095000-053#



CODE: P2-04234

APPLICATION

MARCA	CAR MAKER	COD. INJECTOR DENSO
SUBARU	16613AA020	095000-789#
MAZDA	RF5C13H50A	095000-503#
MAZDA	RF7J13H50	095000-578#



CODE: P2-04235

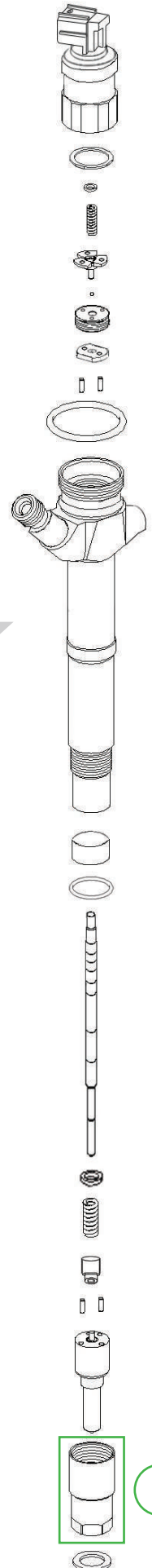
APPLICATION

MARCA	CAR MAKER	COD. INJECTOR DENSO
OPEL	8-97313861-2	095000-508#
OPEL	8-97376270-1	095000-613#



CODE: P2-04236

FOR PIEZO INJECTOR



1

Denso C/R Injector Tools

Filter for delivery connector



CODE: A4-13028

For Injectors			
095000-560#	095000-624#	095000-679#	095000-778#
095000-565#	095000-625#	095000-698#	095000-801#
095000-580#	095000-635#	095000-699#	095000-810#
095000-581#	095000-636#	095000-750#	23670-0R010
095000-592#	095000-658#	095000-753#	23670-0R070
095000-593#	095000-659#	095000-773#	295050-1170
095000-613#	095000-670#	095000-776#	R2AA-13H50



CODE: A6-01063

For the filter assembling / disassembling operations use the tool kit.

Bar filter for delivery connector



CODE: A4-13029

LENGHT = 27 mm

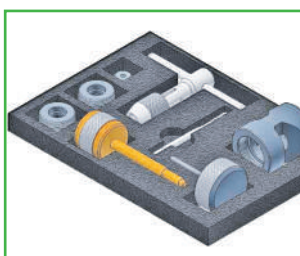


CODE: A4-13030

LENGHT = 30 mm

For Injectors

095000-056#
095000-057#
095000-075#
095000-094#
095000-121#
095000-508#
095000-521#
095000-522#
095000-534#
095000-545#
095000-547#
095000-547#
095000-551#
095000-555#
095000-663#
095000-717#
095000-758#
6140 07L 0127



CODE: A6-01064

For the filter assembling / disassembling operations use the tool kit.

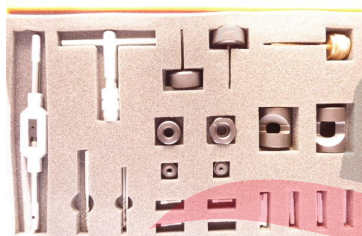
Denso C/R Injector Tools



CODE	description
A6-01024	Tool for mounting & Dismantling for Valve Seat Use = Denso CR Injectors

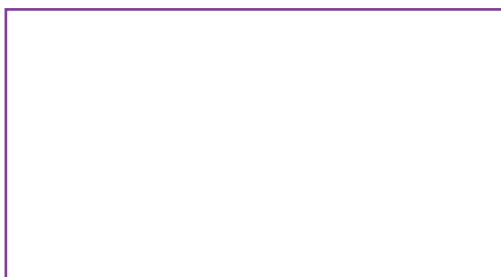


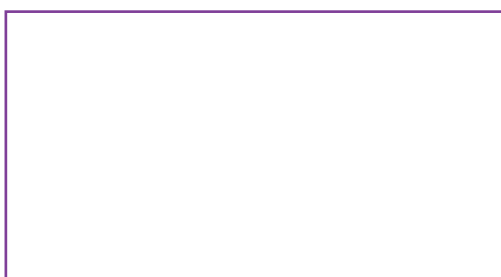
CODE	description
A6-01004	Denso CR Injector Inner nut opening tool Denso type CR Injectors



CODE	description
A6-0163/1	Denso CR Injector Filter removal tool. Complete Denso type CR Injectors







Denso C/R Injector Tools



Pls ask for other tools in our stock

DENSO Type CR Injector Nozzle Cap Nuts

		
Perk ref P2-04242	Perk ref: P2-04247	Perk ref: P2-04248
Oem Injectors Used	Manufacturer	Oem Injectors Used
095000-056#	ISUZU	095000-058#
095000-080#	Manufacturer	095000-635#
095000-121#	HINO	095000-658#
095000-500#	Injector No	095000-659#
095000-501#	095000-522#	
095000-551#		
095000-670#		
095000-801#		
095000-810#		
614007L0127		

DENSO Type CR Injector Nozzle Cap Nuts



Perk ref : P2-04210

CAR MAKER	DENSO INJ REF
1465A041	095000-5600
1465A054	095000-5760
16600-AW40	095000-5130
16600-ES60	095000-6020

NISSAN

NISSAN



Perk ref: P2-04233

MARCA	CAR MAKER	DENSO INJ REF
TOYOTA	23670-0R010	095000-5600
TOYOTA	23670-30140	095000-5760
TOYOTA	23670-0R050	095000-5130
TOYOTA	23670-30300	095000-6020
TOYOTA	23670-30280	095000-0530



Perk Ref: P2-04211

MARCA	CAR MAKER	DENSO INJ REF
TOYOTA	23670-27030	095000-0570



Perk ref : P2-04197

CAR MAKER	DENSO INJ REF
23670-27030	095000-0530

TOYOTA



Perk ref : P2-04234

MARCA	CAR MAKER	DENSO INJ. REF
SUBARU	16613AA020	095000-7890
MAZDA	RF5C13H50A	095000-5031
MAZDA	RF7J13H50	095000-5780



Perk ref: P2-04235

MARCA	CAR MAKE	DENSO INJ REF
OPEL	8-97313861-2	095000-0570
OPEL	8-97376270-1	095000-6130



Perk ref: 02-04-236

CAR MAKER	DENSO INJ REF
23670-0R040	-

TOYOTA



Perk ref: 02-04-247

MARCA	CAR MAKER	DENSO INJ. REF
ISUZU	HINO	095000-522



Perk ref: 02-04-248

FOR INJECTORS	
095000-058#	095000-658#
095000-635#	095000-659#

FOR INJECTORS

DENSO PIEZO

MICRO ABRASIVE BRUSHES

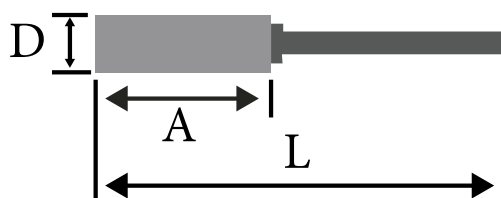


FEATURES:

CORE OF GALVANIZED STEEL WIRE ,
SINGLE SPIRAL . AVAILABLE IN SILICON
CARBIDE OR ALUMINUM OXIDE NYLON FILL
MATERIAL . FLEXIBILITY PROVIDES EXCELLENT
CLEANING ACTION .

APPLICATIONS:

DEBURRING CROSS HOLES , VALVES AND
SMALL WIRES CLEAN

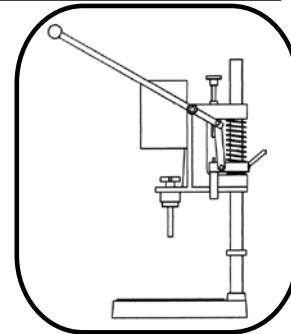


DIMENSIONS			DIAMETER SHAFT Ø MM	MATERIAL		QT.
D (MM)	A (MM)	L (MM)		SILICON CARBIDE GRIT : 1000	NYLON-ALUMINIUM OXIDE GRIT : 600	
3,5	25	100	1,66	A6-02001	-	12
4,2	25	125	2,20	-	A6-02002	
4,8	25	125	2,20	-	A6-02003	
5,5	25	125	2,20	-	A6-02004	

**USER GUIDE TO
CLEAN BODY INJECTOR
AND THE NUT**



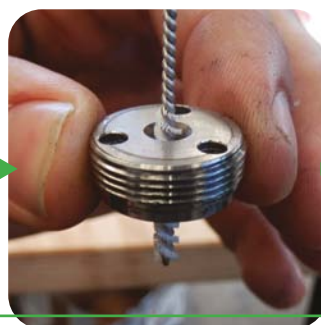
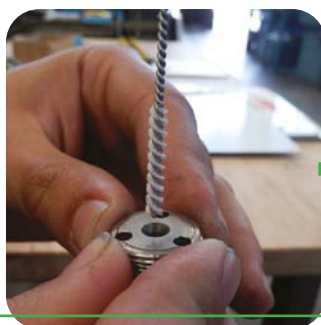
**HAND-
DRILL**



**DRILL PRESS
MACHINE**

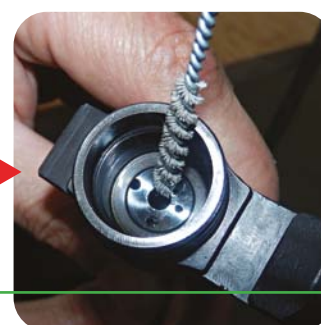
NUT CLEANING

BRUSHES LITTLE VERSION



INJECTOR BODY CLEANING

BRUSHES BIG VERSION



Results after cleaning

treatment performed on the injector body hole surface diameter: 7.5 mm

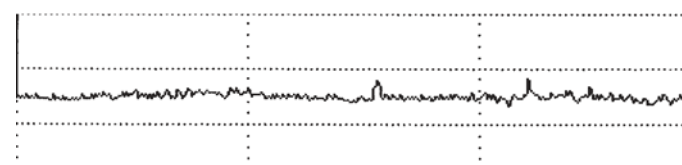
**Before the
treatment**

LT	4,8	MM
RA	1,00	µm
RZ	2,96	µm
RMAX	3,54	µm
RPM	1,13	µm
PC<.13>	040	CM
VER	5	µm
HOR LC	80	µm



**After
Treatment**

LT	4,8	MM
RA	0,21	µm
RZ	1,72	µm
RMAX	2,26	µm
RPM	0,60	µm
PC<.13>	202	CM
VER	5	µm
HOR LC	80	µm





Delphi
Technologies

**Please ask for our competitive prices
on GENUINE PARTS**

New Common Rail Injectors & Nozzles

New Piezo Injectors

DRV – M Probe Sensors

Actuators for Unit Injectors

Complete New Unit Injectors & Nozzles

Mechanical Pump Repair Kits



Scania – IVECO - Volvo
Brand new UNIT INJECTORS
Repair Kits



Delphi
Technologies

Unit Pump Repair kits – Nozzles
Actuators
Complete VOLVO INJECTORS



Brand new INJECTORS
Piezo – Common Rail



New Unit Pumps
Repair Kits



BOSCH

Delphi
Technologies

Repair Kits & Parts For New Generation Diesel Systems

Oto Perk A.S.



**Diesel Fuel Injection
Spareparts**



www.eurodiesel.com

OTO PERK