
SERVICE BULLETIN

FUEL INJECTION PUMP

March, 2015

DENSO AUTHORIZED SERVICE DEALER ONLY

Subject: ECD application list, March 2015

The following application list identifies service systems as a function of ECD product and automobile manufacturer. Please insert this overview as the first page in your ECD binder.

Notes:

1.) SOS: Start of Sales

S/D: DENSO Service Dealer

C/D: DENSO Central Distributor

VM: Vehicle Manufacturer

2.) The fact that certain partnumbers are mentioned in this bulletin, does not mean that they are available.

3.) The service system for injectors has been changed in some cases, this is related to the introduction of common rail injector repair.

4.) The policy for the return of defective common rail parts remains the same, this means that all non-repairable parts have to be returned to DENSO:

- Pumps / Injectors which are not repairable

- Pumps / Injectors which have not been repaired (In case the dealer is not capable/allowed to repair)

- Pumps / Injectors which have been replaced within Vehicle Warranty, when the IN warranty repair program is not introduced.

i.e. This means that CR-injector repair dealers have to return the defective parts which they can not repair (no approved offset / testplan in testbench).

5.) The DENSO dealer & DENSO Central Distributor are obliged to keep administration of the parts which have been returned to DENSO. This means that it should be possible to inform DENSO at all times the following details per case:

- (i-)ROS number / copy

- part number

- parts quantity

- serial numbers

- the date parts were shipped to the Central Distributor / DENSO

- transportdetails (tracking number, DENSO pick-up request reference number, etc.)

6.) DENSO commonrail parts are supplied/sold as exchange units, this means that the prices and delivery are based on having the defective parts returned to DENSO. This is valid for all commonrail exchange unit partnumbers, both for IN and OUT of warranty. In case defective parts are not returned to DENSO, this will have an effect on the prices and supply policy DENSO is currently offering. So please make sure to follow this policy.

SERVICE BULLETIN

FUEL INJECTION PUMP

March, 2015

DENSO AUTHORIZED SERVICE DEALER ONLY

7.) Defective parts return table:

	Return				Transport Costs					
	Type <i>[VM to DENSO]</i>	Method			VM to S/D		S/D to C/D		C/D to DENSO	
		VM to S/D	S/D to C/D	CD to DENSO	Toyota	Mitsubishi MAZDA SUBARU Others	Toyota	Mitsubishi MAZDA SUBARU Others	Toyota	Mitsubishi MAZDA SUBARU Others
i-ROS	Slow (warranty) <i>[30 days]</i>	Shipped to S/D	Shipped to C/D	Pick-up request to DENSO	Return logistics paid by S/D & Invoiced to VM	Paid by VM & Claimed via VM-channel	Paid by C/D & Covered by C/D Mark-up	Paid by S/D & Claimed by S/D via i-claim	Paid by DENSO & Done via Pick-up request	
	Quick (warranty) <i>[1 day]</i>	Direct shipment VM-dealer to DENSO			Paid by DENSO. Automatic pick-up at VM-dealer via i-ROS.					
	Non-warranty <i>[60 days]</i>	Shipped to S/D	Shipped to C/D OR Pick-up by C/D	Pick-up request to DENSO	Local agreements between VM and S/D		Paid by C/D Shipment can be combined with warranty returns.		Paid by DENSO. & Done via Pick-up request	
Paper ROS	Slow (warranty) <i>[30 days]</i>	Shipped to S/D	Shipped to C/D	Pick-up request to DENSO	Return logistics paid by S/D & Invoiced to VM	Paid by VM & Claimed via VM-channel	Paid by C/D & Covered by Mark-up	Paid by S/D & Claimed by S/D via i-claim	Paid by DENSO. & Done via Pick-up request	
	Quick* (warranty) <i>[5 days]</i>	Shipped to S/D	Direct shipment S/D to DENSO				Paid by DENSO & Done via Pick-up request		n.a.	n.a.
	Non-warranty <i>[60 days]</i>	Shipped to S/D	Shipped to C/D OR Pick-up by C/D	Pick-up request to DENSO	Local agreements between VM and S/D		Paid by C/D Shipment can be combined with warranty returns.		Paid by DENSO. & Done via Pick-up request	

ECD V3, V4 and V5 Applications

Model	Engine Type	SOS	Denso System Name	Denso Part No.	Carmaker Part No.	Service System	Warranty (mth/km)	Quick Return	DST
MAZDA									
323, 626, Premacy	RF-TDI	1998/08	V5	096500-500#	RF2A13800A	Repair	36/100k	No	DST-1 / yes
323, 626, Premacy	RF-TDI	2000/08	V5	096500-502#	RF4F13800	Repair	36/100k	No	DST-1 / yes
MITSUBISHI									
Galant	4D68	1996/10	V3	096500-016#	MD329376	Repair	36/100k	No	DST-1
Space runner	4D68	1996/07	V3	096500-017#	MD321175	Repair	36/100k	No	DST-1
Canter	4D34T6	2000/11	V4 24V	098000-031#	ME215114	098000-067#	36/100k	No	DST-1
Canter	4D34T6	2001/06	V4 24V	098000-131#	ME221132	098000-067#	36/100k	No	DST-1
Canter	4D34T6	2001/12	V4 24V	098000-231#	ME221063	098000-067#	36/100k	No	DST-1
Canter	4D34T6	2010/06	V4 24V	098000-067#	ME221063	Repair	36/100k	No	DST-1
OPEL/SUZUKI									
Corsa, Astra, Combo, Meriva	Y17DT	1999/06	V5 pilot	HU096500-600#	5819037 8-97185242-1	Repair	Via Opel	No	DST-1 / yes
Corsa, Astra, Combo, Meriva	Y17DT	1999/06	V5 pilot	HU096500-602#	5819037 8-97185242-1	Repair	Via Opel	No	DST-1 / yes
SUZUKI									
Grand Vitara / Escudo	RF-TI	1996/08	V3	096500-018#	RF1L13800A	Repair	12	No	DST-1
TOYOTA									
Land Cruiser 90	1KZ-TE	1999/12	V3	096500-013#	22100-67070	Repair	36/100k	No	DST-1
Corolla	2C-E	1996/08	V3	096500-020#	22100-6E150	Repair	36/100k	No	DST-1 / yes
Carina, Avensis	2C-TE	1997/08	V3ROM	096500-200#	22100-6E140	Repair	36/100k	No	DST-1 / yes
Picnic	3C-TE	1997/07	V3ROM	096500-201#	22100-6E190	Repair	36/100k	No	DST-1
Land Cruiser 100	1HD-FTE	1998/04	V4	098000-001#	22100-1C170	098000-201#	36/100k	No	DST-1 / yes
Land Cruiser 100	1HD-FTE	2001/08	V4	098000-201#	22100-1C420	Repair	36/100k	No	DST-1 / yes
Coaster, Optimo	15B-FTE	2001/10	V4	098000-032#	22100-5C660-D	Repair	36/100k	No	DST-1 / yes
Land Cruiser 100	1HD-FTE	2001/10	V4 (pre-stroke)	098000-033#	22100-1C400-C	Repair	36/100k	No	DST-1 / yes

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST					
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT								
						W/O gasket	With gasket	W/O gasket	With gasket										
Chevrolet																			
Cruze	A17DTS	EURO5	2012/09	5-5567740C-A	HU294000-100#	5-5567729C-A	-	HU295050-005#	-	Repair	- / Sales	via Opel	--	yes					
Trax	A17DTS	EURO5	2013/06	5-5567740C-A	HU294000-100#	5-5567729C-A	-	HU295050-005#	-	Repair	- / Sales	via Opel	--	yes					
Citroen																			
C4 Aircross	4N13	Euro5	2012/01	16 081 665 80	294000-099#	16 078 541 80	-	295050-012#	-	Repair	Sales / Repair	via Citroen	--						
Jumper / Relay	4HU/4HV (PUMA)	2.2L (HDi)	2006/01	6C1Q-9B395-AB (1920.KW)	HU294000-0400	6C1Q-9K546-AC (1980.J7)	-	HU095000-580#	-	Repair	- / Repair	via Citroen	--	yes					
			2007/02	6C1Q-9B395-AD (1920.KW)	HU294000-0402					Repair		via Citroen	--	yes					
Fiat																			
Ducato	DCU102 (PUMA)	2.2L (JTD)	2006/01	6C1Q-9B395-AB	HU294000-0400	6C1Q-9K546-AC (71724128) (71794621)	-	HU095000-580#	-	Repair	- / Repair	via Fiat	--	yes					
			2007/02	6C1Q-9B395-AD	HU294000-0402					Repair		via Fiat	--	yes					
Ford																			
NEW NEW NEW	2.2L TDCi PUMA (I4)	85PS 110PS	2006/01	6C1Q-9B395-AB	HU294000-0400	6C1Q-9K546-AC	-	HU095000-580#	-	Repair	- / Repair	via Ford	--	yes					
			2007/02							Repair		via Ford	--	yes					
		115PS 130PS 140PS	2006/01	6C1Q-9B395-AD	HU294000-0402					6C1Q-9K546-BB		-	HU095000-581#	-	Repair	Discontinued / Repair (095000-706#)	via Ford	--	yes
			2008/04							6C1Q-9K546-BC		-	HU095000-706#	-	Repair	- / Repair	via Ford	--	yes
	2.2L TDCi PUMA (I4)	100PS 115PS 120PS	2006/01	6C1Q-9B395-BB	HU294000-041#	6C1Q-9K546-AC	-	HU095000-580#	-	Repair (294000-095#)	- / Repair	via Ford	--	yes					
												135PS 140PS	2006/01	6C1Q-9K546-BB	-	HU095000-581#	-	Repair	Discontinued / Repair (095000-706#)
		2008/04	6C1Q-9K546-BC	-	HU095000-706#					-	Repair							- / Repair	via Ford
		135PS 140PS +DPF	2009/06	6C1Q-9B395-BD	HU294000-095#					9C1Q-9K546-BA	-	HU095000-793#	-	Repair	- / Sales	via Ford	--	yes	
	PUMA (I5)	3.2L (TDCi)	2008/01	6C1Q-9B395-BD	HU294000-095#	7C16-9K546-AB	-	HU095000-662#	-	Repair	- / Repair	via Ford	--	yes					

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST	
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT				
						W/O gasket	With gasket	W/O gasket	With gasket						
Hino															
Dutro	N04C	24V	2011/05	22100-E0560	294000-1460	23670-E0510	-	095000-951#	-	-	- / Sales	via Hino	-		
Truck	J09C		2003/05	22100-E0270	294050-001#	-	-	-	-	Repair (294050-053#)	-	via Hino	-		
			2011/04	22100-E0273	294050-053#	-	-	-	-	Repair					
	J08E		2006/08	-	-	23670-E0030	-	095000-675#	-	-	Discontinued (295050-117#)	via Hino			
			2012/01			23670-E0031	-	295050-117#	-	-	- / Sales				
	J08E-TM		2005/09	-	-	-	-	095000-634#	-	-	Discontinued (095000-659#)	via Hino	-		
			2011/01	-	-	-	-	095000-659#	-	-	- / Sales				
			2010/05	-	-	23670-E0450	-	295050-024#	-	-	Discontinued (295050-092#)	via Hino			
			2011/11	-	-	23670-E0540	-	295050-092#	-	-	- / Sales	via Hino			
Hyundai															
Mighty	3.9L	Euro4	2008/01	33100-48000	294000-073#	33800-5200#	-	095000-714#	-	Repair	-	via Hyundai	--		
		Euro3	2006/12	33100-45700	294000-029#	33800-4570#	-	095000-831# (095000-555#)	-	Repair	-	via Hyundai	--		
Mega Truck	5.9L	Euro4	2008/02	33100-52000	294050-020#	33800-5200#	-	095000-714#	-	Repair	-	via Hyundai	--		
County	3.9L	Euro4	2008/02	33100-48000	294000-073#	33800-5200#	-	095000-714#	-	Repair	-	via Hyundai	--		
		Euro3	2006/12	33100-45700	294000-029#	33800-4570#	-	095000-831# (095000-555#)	-	Repair	-	via Hyundai	--		

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT			
						W/O gasket	With gasket	W/O gasket [Exchange Part]	With gasket [Exchange Part]					
Isuzu														
D-max / Rodeo	4JJ1	3.0L	2007/01	8-97311373-7	SM294000-023#	8-97311372-#	-	SM095000-543#	-	Repair-Kit(730) [0230 -> 1210] (294000-121#)	- / Sales	via Isuzu	--	yes
			2007/01			8-98011604-0	-	SM095000-610# [970950-0610]	-		Discontinued (095000-698#)	via Isuzu	--	yes
		2009/05	8-97311373-9	SM294000-121#	8-98011604-1	-	SM095000-698# [970950-0698]	-	Repair	- / Sales	via Isuzu	--	yes	
		3.0L Euro5	2009/10	8-98155988-0	SM294000-140#	8-98074909-0	-	095000-803# [970950-0803]	-	Repair	- / Sales	via Isuzu	--	
	4JK1	2.5L	2007/01	8-97311373-7	SM294000-023#	8-97354811-#	-	SM095000-575#	-	Repair-Kit(730) [0230 -> 1210] (294000-121#)	- / Sales	via Isuzu	--	yes
			2007/01			8-98011605-0	-	SM095000-617#	-		Discontinued (095000-699#)	via Isuzu	--	yes
		2009/05	8-97311373-9	SM294000-121#	8-98011605-1	-	SM095000-699#	-	Repair	- / Sales	via Isuzu	--	yes	
		2010/06	8-98155988-0	SM294000-140#	8-98011605-1	-	SM095000-699#	-	Repair	- / Sales	via Isuzu	--		
		2.5L Euro5	2011/11	8-98151213-0	SM294000-152#	8-98159583-0	-	SM295050-091#	-	Sales	- / Sales	via Isuzu	--	
		2.5L	2013/11	--	--	8-98260109-0	-	SM295050-190#	-	Sales	- / Sales	via Isuzu	--	
NEW Forward	4HK1	5.2L	2004/01	8-97386557-0	294000-057#	8-97609788-3	-	095000-636# [970950-0636]	-	Repair-Kit(1150) (294000-119#)	Discontinued (095000-893#)	via Isuzu	--	
			2009/05	8-97386557-4	294000-119#	8-98160061-0	-	095000-893#	-	--	- / Sales	via Isuzu	--	
N-Series	4HK1	5.2L	2004/01	8-97328886-0	294000-026#	8-97329703-#	-	095000-547# [970950-0547]	-	Repair	- / Sales	via Isuzu	--	
	4HK1	5.2L	2007/01	8-97306044-8	294000-003#	8-97329703-#	-	095000-547# [970950-0547]	-	Repair	- / Sales	via Isuzu	--	
						8-98151837-0	-	095000-890# [970950-0890]	-		n.a.	via Isuzu	--	
	4JJ1	3.0L	2007/01	8-97381555-2	294000-049#	8-97329703-#	-	095000-547# [970950-0547]	-	Repair-Kit(1140) [0490 -> 1200] (294000-120#)	- / Sales	via Isuzu	--	
			2010/06	8-97351555-4	294000-120#					Repair				
	6HK1	7.8L	2007/01	1-15603508-1	294050-010#	8-97329703-2	-	095000-547# [970950-0547]	-	Repair	- / Sales	via Isuzu	--	
						8-98151837-0	-	095000-890# [970950-0890]	-		n.a.	via Isuzu	--	

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST	
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT				
						W/O gasket	With gasket	W/O gasket [Exchange Part]	With gasket [Exchange Part]						
Isuzu															
	6UZ1	14.3L	2007/01	8-97617997-0	094000-069#	8-97610254-0	-	095000-627#	-	Repair	- / Sales	via Isuzu	--		
	6WG1	15.7L	2007/01	8-97603414-0	094000-048#	8-97603415-2	-	095000-551# [970950-0551]	-	Repair	- / Sales	via Isuzu	--		
	6WA1	15.7L	2007/01	8-97603414-0	094000-048#	1-15300436-0	-	095000-630# [97095-0630]	-	Repair	- / Sales	via Isuzu	--		
John Deere															
Tractor	6045	S350 Tier2	2002/06	RE507959	294000-005#	RE507860	RE516540	095000-505#	-	Repair	-	via John Deere	--		
						RE518772	-	095000-537#	-		-				
						RE520240	RE520333	095000-548#	-		-				
						RE520241	RE520334	095000-549#	-		-				
	4045T 6068T	S350 Tier3 (4 cyl.)	2005/12	2005/05	RE522595	294000-039#	RE529117	RE529414	HU095000-872# (095000-650#)	-	Repair	-	via John Deere	--	
				2005/12	RE529118	RE524382	HU095000-880# (095000-649#)	-	Repair (294000-0750)	-	-				
					RE529475	-	095000-653#	-		-					
					RE532216	RE533454	HU095000-881# (095000-688#)	-		-					
					RE530362	RE531209	095000-631#	-		-					
					RE530361	RE531210	095000-632#	-		-					
					RE533507	294000-075#	-	-		Repair	-				
				2007/10	RE533508	294050-025#	RE533505	-	095000-715#	-	Repair	-			via John Deere

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST		
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT					
						W/O inlet	With inlet	W/O inlet	With inlet							
John Deere																
Tractor		S450	2006/02	RE534165	294050-006#	RE529149	-	095000-648#	-	Repair	-	via John Deere	--			
						RE529150	-	095000-646#	-		-		--			
			RE529151			-	095000-647#	-	-		--					
			RE536001			-	095000-757#	-	-		--					
			2008/10			RE537393	294050-030#	RE537392	-	095000-808#	-	Repair	-	via John Deere	--	
								RE539818	-	095000-855#	-		-		--	
			2010/02			RE543262	294050-048#	RE536271	-	295050-027#	-	Repair	-	via John Deere	--	
								RE536316	-	295050-028#	-		-		--	
Agriculture Industrial	6081T	12V	2001/01	RE501640	094000-031#	--	-	--	-	Repair	-	via John Deere	--			
		24V	2001/01	RE508233 RE518807	094000-036#	--	-	--	-	Repair	-	via John Deere	--			
		12V	2004/12	RE521422	094000-049#	--	-	--	-	Repair	-	via John Deere	--			
		24V	2004/12	RE521423	094000-050#	--	-	--	-	Repair	-	via John Deere	--			
	6081T			-	-	RE504181	-	095000-054#	-	-	-	via John Deere	--			
				-	-	RE501010	-	095000-055#	-	-	-	via John Deere	--			
				-	-	RE508825	-	095000-082#	-	-	-	via John Deere	--			
				-	-	RE508824	-	095000-083#	-	-	-	via John Deere	--			
				-	-	RE518726	-	095000-515#	-	-	-	(095000-7560)	via John Deere	--		
				-	-	RE535961	-	095000-756#	-	-	-	-	via John Deere	--		
				-	-	RE518725	-	095000-516#	-	-	-	-	via John Deere	--		
				-	-	RE518723	-	095000-519#	-	-	-	-	via John Deere	--		

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT			
						W/O gasket	With gasket	W/O gasket	With gasket					
Kubota														
Industrial	V3800DI		2006/11	1J574-50502	294000-069#	1J574-53051	-	095000-680#	-	Repair	-	via Kubota	--	
	A68TI		2008/02	1G410-50501	294000-084#	1G410-53051	-	095000-751#	-	Repair	-	via Kubota	--	
Wheel loader	V3800DI		2009/12	1G381-50501	294000-129#	-	-	-	-	-	-	via Kubota	--	
	V6108		2010/03	1G421-50501	294000-141#	1G410-53051	-	095000-751#	-	-	-	via Kubota	--	
Construction Machine	V3800DI		2011/11	1J500-50501	294000-172#	-	-	--	-	-	-	via Kubota	--	
	V3800		2011/11	1J502-50501	294000-173#	1J500-53051	-	095000-9696	-	-	-	via Kubota	--	
	V6108		2011/11	1J520-50501	294000-174#	-	-	-	-	-	-	via Kubota	--	
Land Rover														
Defender	PUMA (I4)	2.4TD	2006/01	6C1Q-9B395-BB	HU294000-041#	6C1Q-9K546-BB	-	HU095000-581#	-	Repair (294000-095#)	Discontinued (095000-706#)	via Land Rover	--	yes
			2007/02	6C1Q-9B395-BD	HU294000-095#	6C1Q-9K546-BC	-	HU095000-706#	-	Repair	Sales	via Land Rover	--	yes

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT			
						W/O gasket	With gasket	W/O gasket	With gasket					
Nissan														
Almera (Tino)	YD22	82kW	2003/01	16700-AW40#	294000-012#	16600-BN80#	-	095000-518#	-	Repair (294000-047#)	- / Sales	via Nissan	--	yes
			2004/01	16700-AW42#	HU294000-016#	16600-BN82#	-	HU095000-517#	-	Repair (294000-047#)	095000-518#	via Nissan	--	yes
		93kW 100kW	2003/01	16700-AW40#	294000-012#	16600-AW40#	-	095000-513#	-	Repair (294000-047#)	- / Sales	via Nissan	--	yes
			2004/01	16700-AW42#	HU294000-016#	16600-AW42#	-	HU095000-507#	-	Repair (294000-047#)	095000-513#	via Nissan	--	yes
NEW NEW Cabstar	YD25	Euro4	2006/10	16700-EC00#	HU294000-053#	16600-MB40#	-	HU095000-624#	-	Repair	- / Repair	via Nissan	--	yes
			2006/10	16700-EB70#	SM294000-053#	16600-VM00#	-	SM095000-624#	-	Repair	- / Repair			
			2006/10	16700-VM00#	SM294000-078#					Repair				
		Euro5	2011/10	16700-LC10#	HU294000-160#	16600-LC10#	-	HU295050-090#	-	Repair (294000-1220)	- / Sales	via Nissan	--	
			2011/10	16700-5X00#	HU294000-122#					Repair			--	
Pathfinder	YD25	Euro3	2005/03	16700-EB30#	HU294000-037#	16600-EB30#	-	HU095000-565#	-	Repair	- / Repair	via Nissan	--	yes
			Euro4	2006/10	16700-EC00#	HU294000-053#	16600-EC00#	-	HU095000-625#	-	Repair	- / Repair	via Nissan	--
		2006/10		16700-EB70#	SM294000-053#	16600-EB70#	-	SM095000-625#	-	Repair	- / Repair			
		2006/10		16700-VM00#	SM294000-078#					Repair				
		Euro5	2010/01	16700-5X00#	HU294000-122#	16600-5X00#	-	HU295050-030#	-	Repair	- / Sales	via Nissan	--	
			2011/09	16700-5X00#	HU294000-122#	16600-5X30#	-	HU295050-105#	-	Repair	- / Sales	via Nissan	--	
			Euro5	2012/09	16700-5X00#	HU294000-122#	16600-3XN0#	-	HU295050-106#	-	Repair	- / Sales	via Nissan	--

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT			
						W/O gasket	With gasket	W/O gasket	With gasket					
Nissan														
Primera	YD22		2001/12	16700-8H80#	097300-005#	16600-AU600	-	095000-088#	-	Repair	- / Sales	via Nissan	--	DST-1 / yes
		82kW	2003/01	16700-AW40#	294000-012#	16600-BN80#	-	095000-518#	-	Repair (294000-047#)	- / Sales	via Nissan	--	yes
			2004/01	16700-AW42#	HU294000-016#	16600-BN82#	-	HU095000-517#	-	Repair (294000-047#)	095000-518#	via Nissan	--	yes
		93kW 100kW	2003/01	16700-AW40#	294000-012#	16600-AW40#	-	095000-513#	-	Repair (294000-047#)	- / Sales	via Nissan	--	yes
			2004/01	16700-AW42#	HU294000-016#	16600-AW42#	-	HU095000-507#	-	Repair (294000-047#)	095000-513#	via Nissan	--	yes
Murano	YD25	Euro5	2010/02	16700-5X00#	HU294000-122#	16600-5X00#	-	HU295050-030#	-	Repair	- / Sales	via Nissan	--	
Navara	YD25	Euro3	2005/07	16700-EB30#	HU294000-037#	16600-EB30#	-	HU095000-565#	-	Repair	- / Repair	via Nissan	--	yes
		Euro4	2006/10	16700-EC00#	HU294000-053#	16600-EC00#	-	HU095000-625#	-	Repair	- / Repair	via Nissan	--	yes
		Euro4	2006/10	16700-EB70#	SM294000-053#	16600-EB70#	-	SM095000-625#	-	Repair	- / Repair			
		Euro4	2006/10	16700-VM00#	SM294000-078#					Repair				
		Euro5	2010/01	16700-5X00#	HU294000-122#	16600-5X00#	-	HU295050-030#	-	Sales	- / Sales	via Nissan	--	
		Euro5	2011/09	16700-5X00#	HU294000-122#	16600-5X30#	-	HU295050-105#	-	Repair	- / Sales	via Nissan	--	
Euro5	2012/09	16700-5X00#	HU294000-122#	16600-3XN0#	-	HU295050-106#	-	Repair	- / Sales	via Nissan	--			

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST	
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT				
						W/O gasket	With gasket	W/O gasket	With gasket						
Nissan															
NEW	NP300	YD25	Euro4	2008/01	16700-EC00#	HU294000-053#	16600-EC00#	-	HU095000-625#	-	Repair	- / Repair	via Nissan	--	yes
NEW			Euro4	2008/01	16700-EB70#	SM294000-053#	16600-EB70#	-	SM095000-625#	-	Repair	- / Repair			
NEW			Euro4	2008/01	16700-VM00#	SM294000-078#					Repair				
NEW			Euro5	2010/01	16700-5X00#	HU294000-122#	16600-5X00#	-	HU295050-030#	-	Sales	- / Sales	via Nissan	--	
NEW			Euro5	2011/09	16700-5X00#	HU294000-122#	16600-5X30#	-	HU295050-105#	-	Repair	- / Sales	via Nissan	--	
NEW			Euro5	2012/09	16700-5X00#	HU294000-122#	16600-3XN0#	-	HU295050-106#	-	Repair	- / Sales	via Nissan	--	
	X-trail	YD22		2001/09	16700-8H80#	097300-005#	16600-8H80#	-	095000-051#	-	Repair	- / Sales	via Nissan	--	DST-1 / yes
				2003/09	16700-AW40#	294000-012#	16600-AW40#	-	095000-513#	-	Repair (294000-047#)	- / Sales	via Nissan	--	yes
			Euro3	2005/10	16700-ES60#	294000-047#	16600-AW40#	-	095000-513#	-	Repair	- / Sales	via Nissan	--	yes
			Euro4	2006/02	16700-ES60#	294000-047#	16600-ES60#	-	095000-602#	-	Repair	- / Repair	via Nissan	--	yes
					16600-ES61#	-	-	yes							

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT			
						W/O gasket	With gasket	W/O gasket	With gasket					
Opel (Vauxhall)														
Astra-H	Z17DTJ Z17DTR	EURO4	2007/01	8-97376269-#	HU294000-0501	8-97376270-#	-	HU095000-613#	-	Repair	- / Repair	via Opel	--	yes
			2008/04	8-98103028-#	HU294000-0502					Repair				
			2010/01	8-98092467-#	HU294000-101#					Repair				
	A17DTJ A17DTR	EURO5		8-97376269-#	HU294000-0501	8-97376270-#	-	HU095000-613#	-	Repair	- / Repair	via Opel	--	yes
				8-98103028-#	HU294000-0502					Repair				
			2010/01	8-98092467-#	HU294000-101#					Repair				
Astra-J	A17DTJ A17DTR A17DTL	EURO5	2009/01	8-98092467-#	HU294000-101#	8-97376270-#	-	HU095000-613#	-	Repair	- / Repair	via Opel	--	yes
	A17DTS A17DTC A17DTE A17DTF	EURO5	2010/01	5-5567740C-A	HU294000-100#	5-5567729C-A	-	HU295050-005#	-	Repair	- / Sales	via Opel	--	yes
	B16DTN LVL-81kw	EURO6	2014/01	55570040FB	HU294000-147#	55570012FB	-	HU295050-077#	-	Sales	- / Sales	via Opel	--	
	B16DTC LVM-70kw	EURO6	2014/01	55570040FB 55590942AA	HU294000-147# HU294000-197#	55578075	-	HU295050-103#	-	Sales Sales	- / Sales	via Opel	--	
Combo-C	Z17DTH	EURO4	2003/08	8-97313862-#	HU294000-007#	8-97313861-#	-	HU095000-508#	-	Repair	- / Repair	via Opel	--	yes
Corsa-C	Z17DTH	EURO4	2003/08	8-97313862-#	HU294000-007#	8-97313861-#	-	HU095000-508#	-	Repair	- / Repair	via Opel	--	yes
Corsa-D	Z17DTR	EURO4	2007/01	8-97376269-#	HU294000-0501	8-97376270-#	-	HU095000-613#	-	Repair	- / Repair	via Opel	--	yes
			2008/04	8-98103028-#	HU294000-0502					Repair				
Corsa-D	A17DTS	EURO5	2010/01	5-5567740C-A	HU294000-100#	5-5567729C-A	-	HU295050-005#	-	Repair	- / Sales	via Opel	--	yes
Meriva-A	Z17DTH	EURO4	2003/08	8-97313862-#	HU294000-007#	8-97313861-#	-	HU095000-508#	-	Repair	- / Repair	via Opel	--	yes
	Z17DT Z17DTR	EURO4	2007/01	8-97376269-#	HU294000-0501	8-97376270-#	-	HU095000-613#	-	Repair	- / Repair	via Opel	--	yes
			2008/04	8-98103028-#	HU294000-0502					Repair				

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT			
						W/O gasket	With gasket	W/O gasket	With gasket					
Opel														
NEW Meriva-B	A17DT A17DTI	EURO5	2009/06	8-98092467-#	HU294000-101#	8-97376270-#	-	HU095000-613#	-	Repair	- / Repair	via Opel	--	yes
	A17DTS A17DTC A17DTE A17DTF	EURO5	2010/01	5-5567740C-A	HU294000-100#	5-5567729C-A	-	HU295050-005#	-	Repair	- / Sales	via Opel	--	yes
	B16DTN LVL-81kw	EURO6	2014/01	55570040FB	HU294000-147#	55570012FB	-	HU295050-077#	-	Sales	- / Sales	via Opel	--	
	B16DTC LVM-70kw	EURO6	2014/01	55570040FB	HU294000-147#	55578075	-	HU295050-103#	-	Sales	- / Sales	via Opel	--	
				55590942AA	HU294000-197#					Sales				
B16DTE LWQ-70kw	EURO6	2015/01	55570040FB	HU294000-147#	55578075	-	HU295050-103#	-	Sales	- / Sales	via Opel	--		
NEW Mokka-A	A17DTS	EURO5	2012/06	5-5567740C-A	HU294000-100#	5-5567729C-A	-	HU295050-005#	-	Repair	- / Sales	via Opel	--	yes
	B16DTH 100kw	EURO6	2014/1	55570040FB	HU294000-147#	55570012FB	-	HU295050-077#	-	Sales	- / Sales	via Opel	--	
Signum	Y30DT	EURO3	2001/10	8-97228919-4	097300-002#	8-97239161-7	-	095000-036#	-	Repair	- / Sales	via Opel	--	yes
	Z30DT	EURO4	2004/08			8-97353080-0		095000-583#						yes
Vectra	Y30DT	EURO3	2001/10	8-97228919-4	097300-002#	8-97239161-7	-	095000-036#	-	Repair	- / Sales	via Opel	--	yes
	Z30DT	EURO4	2004/08			8-97353080-0		095000-583#						yes
Zafira-B	Z17DTJ Z17DTR	EURO4	2007/01	8-97376269-#	HU294000-0501	8-97376270-#	-	HU095000-613#	-	Repair	- / Repair	via Opel	--	yes
			2008/04	8-98103028-#	HU294000-0502					Repair				
			2010/01	8-98092467-#	HU294000-101#					Repair				
	A17DTJ A17DTR	EURO5	2009/06	8-98103028-#	HU294000-0502	8-97376270-#	-	HU095000-613#	-	Repair	- / Repair	via Opel	--	yes
			2010/01	8-98092467-#	HU294000-101#									
NEW Zafira-C	B16DTJ LVL-88kw	EURO6	2014/01	55570040FB	HU294000-147#	55570012FB	-	HU295050-077#	-	Sales	- / Sales	via Opel	--	

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST	
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT				
						W/O gasket	With gasket	W/O gasket	With gasket						
Perkins															
	C7.1	12V	09/13	3689040	HU294050-051#	3425761	-	HU295050-033#	-	-	-	via Perkins	--		
						3425762	-	HU295050-036#	-	-	-	via Perkins	--		
		24V	09/13	3689041	HU294050-052#	3425761	-	HU295050-033#	-	-	-	via Perkins	--		
						3425762	-	HU295050-036#	-	-	-	via Perkins	--		
	C6.6	12V	09/13	3689040	HU294050-051#	3425763	-	HU295050-040#	-	-	-	via Perkins	--		
		24V	09/13	3689041	HU294050-052#	3425763	-	HU295050-040#	-	-	-	via Perkins	--		
	C4.4	12V	06/11	3559905	HU-294000-1381	3454124	-	HU295050-041#	-	-	-	via Perkins	--		
						3454125	-	HU295050-042#	-	-	via Perkins	--			
						3462926	-	HU295050-043#	-	-	via Perkins	--			
						3425761	-	HU295050-033#	-	-	via Perkins	--			
		24V	06/11	3559906	HU-294000-1391	3454124	-	HU295050-041#	-	-	-	via Perkins	--		
						3454125	-	HU295050-042#	-	-	via Perkins	--			
3462926						-	HU295050-043#	-	-	via Perkins	--				
3425761						-	HU295050-033#	-	-	via Perkins	--				
Peugeot															
NEW	4008	4N13	Euro5	2012/01	16 081 665 80	294000-099#	16 078 541 80	-	295050-012#	-	Repair	Sales / Repair	via Peugeot	--	
Boxer	4HU/4HV (PUMA)	2.2L (HDi)	2006/01	6C1Q-9B395-AB (1920.KW)	HU294000-0400	6C1Q-9K546-AC	-	HU095000-580#	-	Repair	- / Repair	via Peugeot	--	yes	
			2007/02	6C1Q-9B395-AD (1920.KW)	HU294000-0402					Repair		via Peugeot	--	yes	
Renault															
Espace	P9X-701 (6DE1)	3.0L V6 (euro3)	2001/10	8-97228919-4	097300-002#	8-97239161-7	-	095000-036#	-	Repair	- / Sales	via Renault	--	DST-1 / yes	
	P9X-715 (6DE1)	3.0L V6 (euro4)	2004/08			8-97353080-0		095000-583#						yes	
Vel Satis	P9X-715 (6DE1)	3.0L V6 (euro3)	2001/10	8-97228919-4	097300-002#	8-97239161-7	-	095000-036#	---	Repair	- / Sales	via Renault	--	DST-1 / yes	
	P9X-715 (6DE1)	3.0L V6 (euro4)	2004/08			8-97353080-0		095000-583#						yes	

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT			
						W/O gasket	With gasket	W/O gasket	With gasket					
Saab														
9-5	D308L (6DE1)	3.0L V6	2001/10	8-97228919-4	097300-002#	8-97239161-7	-	095000-036#	-	Repair	- / Sales	via Saab	--	DST-1
			2004/08			8-97353080-0		095000-583#						yes

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST	
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT				
						W/O gasket	With gasket	W/O gasket	With gasket						
Lexus															
NEW	IS200	2AD-FTV	110KW Euro5	2010/10	22100-0R060	HU294000-128#	23670-26060	23670-29125	295900-005#	295900-017#	Repair-Kit -1450 [1280 -> 1570] (294000-1570)	295900-0420	36/100k [PUMP]	No	
				2011/01	22100-0R061	HU294000-157#					Repair				- / Sales
				2015/01			23670-26061	23670-29126	HU295900-036#	295900-042#					
NEW	IS220	2AD-FHV	130KW Euro4	2006/01	22100-0R030	HU294000-032#	23670-26011	23670-29055	295900-001# 295900-003#	295900-002#	Repair-Kit -1450 [0320 -> 1570] (294000-1570)	Discontinued (295900-011#)	36/100k [PUMP]	No	yes
				2008/01	22100-0R031	HU294000-088#	23670-26020	23670-29105	295900-010#	295900-011#	Repair-Kit -1450 [0880 -> 1570] (294000-1570)	- / Sales		No	yes
				2011/01	22100-0R061	HU294000-157#	Repair		No						
			2010/10	22100-0R060	HU294000-128#	23670-26050	23670-29135	295900-004#	295900-016#	Repair-Kit -1450 [1280 -> 1570] (294000-1570)	295900-0410	36/100k [PUMP]	No		
						2011/01	22100-0R061	HU294000-157#	Repair	- / Sales	Yes [INJ]				
						2015/01							23670-26051	23670-29136	295900-035#

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT			
						W/O gasket	With gasket	W/O gasket [Exchange Part]	With gasket [Exchange Part]					
Mazda														
MPV	RF5C		2002/06	RF5C13800	294000-004#	RF5C13H50A	-	095000-503#	-	Repair	Sales (095000-785#)	36/100k	No	yes
			2005/02			RF5C13H50B	-	095000-587#	-		Sales (095000-785#)			yes
			2009/12			RFY013H50A	-	095000-883#	-		Sales (095000-785#)			yes
			2009/12			RFY013H50B	-	095000-785#	-		Sales			yes
NEW 2	SkyactiveD	EURO6	2015/01	S55013800	HU294000-204#	S55013H50	-	295700-021# [972957-0021]	-	Sales	Sales	36/100k	Yes	
3	RF7J		2005/06	RF7J13800	294000-042#	RF7J13H50	-	095000-578#	-	Repair	Sales / Repair	36/100k	No	yes
			2008/06			RF8G13H50	-	095000-786#	-		Sales / Repair			yes
	R2	200MPa	2009/04	R2AA13800	294000-062#	R2AA13H50	-	295050-001#	-	Repair	Sales / Repair	36/100k	No	yes
	SkyactiveD	200MPa	2013/10	SH0113800	294000-166#	SH0113H50	-	295900-026#	-	Sales	Sales	36/100k	Yes	
5	RF7J		2005/06	RF7J13800	294000-042#	RF7J13H50	-	095000-578#	-	Repair	Sales / Repair	36/100k	No	yes
			2008/06			RF8G13H50	-	095000-786#	-		Sales / Repair			yes
6	RF5C		2002/06	RF5C13800	294000-004#	RF5C13H50A	-	095000-503#	-	Repair	Sales (095000-785#)	36/100k	No	yes
			2005/02			RF5C13H50B	-	095000-587#	-		Sales (095000-785#)			yes
			2009/12			RFY013H50A	-	095000-883#	-		Sales (095000-785#)			yes
			2009/12			RFY013H50B	-	095000-785#	-		Sales			yes
	RF7J		2005/06	RF7J13800	294000-042#	RF7J13H50	-	095000-578#	-	Repair	Sales / Repair	36/100k	No	yes
			2008/06			RF8G13H50	-	095000-786#	-		Sales / Repair			yes
	R2	200MPa	2009/01	R2AA13800	294000-062#	R2AA13H50	-	295050-001#	-	Repair	Sales / Repair	36/100k	No	yes
	SkyactiveD	200MPa	2012/12	SH0113800	294000-166#	SH0113H50	-	295900-026#	-	Sales	Sales	36/100k	Yes	
CX-5	SkyactiveD	200MPa	2012/03	SH0113800	294000-166#	SH0113H50	-	295900-026#	-	Sales	Sales	36/100k	Yes	
CX-7	R2	200MPa	2009/01	R2AA13800	294000-062#	R2AA13H50	-	295050-001#	-	Repair	Sales / Repair	36/100k	No	yes

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST	
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT				
						W/O gasket	With gasket	W/O gasket	With gasket						
Mitsubishi															
NEW	ASX	4N13	Euro5	2010/06	1460A043	294000-099#	1465A323	-	295050-012#	-	Repair	Sales / Repair	36/100k 24/UNL.	No	yes
		4N14	Euro5	2010/06	1460A043	294000-099#	1465A323	-	295050-012#	-	Repair	Sales / Repair	36/100k 24/UNL.	No	yes
	Lancer	4N13	Euro5	2010/06	1460A043	294000-099#	1465A323	-	295050-012#	-	Repair	Sales / Repair	36/100k 24/UNL.	No	yes
L200	4D56	Euro4	2006/02	1460A001	SM294000-033#	1465A041	-	SM095000-560#	-	Repair (294000-1370)	Sales / Repair	36/100k 24/UNL.	No	yes	
			2010/01	1460A057	SM294000-124#					Repair (294000-1370)				yes	
			2010/06	1460A053	SM294000-137#					Repair				yes	
		Euro5	2011/08	1460A053	SM294000-137#	1465A367	-	SM295050-089#	-	Repair	Sales	36/100k 24/UNL.	No	yes	
	Euro3	2007/03	1460A019	SM294000-064#	1465A041	-	SM095000-560#	-	Repair (294000-1370)	Sales / Repair	36/100k 24/UNL.	No	yes		
		2010/01	1460A057	SM294000-124#					Repair (294000-1370)				yes		
		2010/06	1460A053	SM294000-137#					Repair				yes		
	4D56 DI-DC	High Power	2009/01	1460A047	SM294000-0333	1465A297	-	SM095000-749#	-	Repair (294000-1370)	Discontinued / Repair (095000-956#)	36/100k 24/UNL.	No	yes	
			2010/06	1460A053	SM294000-137#					1465A257				-	SM095000-956#
			2011/10			Sales	36/100k 24/UNL.	No	yes						
	NEW NEW NEW NEW NEW	4M41	Euro4	2006/12	1460A003	SM294000-034#	1465A054	-	SM095000-576#	-	Repair (294000-1250)	Sales / Repair	36/100k 24/UNL.	No	
				2010/06	1460A052	SM294000-136#					Repair			No	
Euro3		2007/03	1460A022	SM294000-066#	1465A054	-	SM095000-576#	-	Repair (294000-1250)	Sales / Repair	36/100k 24/UNL.	No			
		2010/01	1460A058	SM294000-125#					Repair						
		2010/06	1460A052	SM294000-136#					Repair				No		
Outlander	4N14	Euro5	2010/06	1460A043	294000-099#	1465A353	-	295050-034#	-	Repair	Sales / Repair	36/100k 24/UNL.	No	yes	
Outlander	4N14	Euro5	2010/06	1460A043	294000-099#	1465A323	-	295050-012#	-	Repair	Sales / Repair	36/100k 24/UNL.	No	yes	

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST	
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT				
						W/O gasket	With gasket	W/O gasket	With gasket						
Mitsubishi															
Pajero/ Montero	4M41	Euro4	2006/12	1460A003	SM294000-034#	1465A054	-	SM095000-576#	-	Repair (294000-1250)	Sales / Repair	36/100k 24/UNL.	No	yes	
			2010/06	1460A052	SM294000-136#					Repair				No	yes
		Euro3	2007/03	1460A022	SM294000-066#	1465A054	-	SM095000-576#	-	Repair (294000-1250)	Sales / Repair	36/100k 24/UNL.	No	yes	
			2010/01	1460A058	SM294000-125#					Repair				yes	
			2010/06	1460A052	SM294000-136#					Repair				No	yes
					2010/10	1460A052	SM294000-136#	1465A351	-	SM295050-056#	-	Repair	Sales	36/100k 24/UNL.	No
	4M41 DI-DC	High Power 147kW	2009/01	1460A040	SM294000-107#	1465A279	-	SM095000-750#	-	Repair (294000-1260)	Sales / Repair	36/100k 24/UNL.	No	yes	
			2010/01	1460A059	SM294000-126#					Repair				yes	
	Pajero Sport	4M41		2009/01	1460A022	SM294000-066#	1465A307	-	SM095000-811#	-	Repair (294000-1250)	Sales / Repair	36/100k 24/UNL.	No	yes
				2010/01	1460A058	SM294000-125#					Repair				yes
			2010/06	1460A052	SM294000-136#	Repair					yes				
4D56		Euro4		2006/02	1460A001	SM294000-033#	1465A041	-	SM095000-560#	-	Repair (294000-1370)	Sales / Repair	36/100k 24/UNL.	No	yes
				2010/01	1460A057	SM294000-124#					Repair (294000-1370)				yes
				2010/06	1460A053	SM294000-137#					Repair				yes
			Euro5	2011/08	1460A053	SM294000-137#	1465A367	-	SM295050-089#	-	Repair	Sales	36/100k 24/UNL.	No	yes
		Euro3		2007/03	1460A019	SM294000-064#	1465A041	-	SM095000-560#	-	Repair (294000-1370)	Sales / Repair	36/100k 24/UNL.	No	yes
				2010/01	1460A057	SM294000-124#					Repair (294000-1370)				yes
			2010/06	1460A053	SM294000-137#	Repair					yes				
4D56 DI-DC		High Power		2009/01	1460A047	SM294000-0333	1465A297	-	SM095000-749#	-	Repair (294000-1370)	Discontinued / Repair (095000-956#)	36/100k 24/UNL.	No	yes
				2010/06							Repair				yes
					2011/10	1460A053	SM294000-137#	1465A257	-	SM095000-956#	-	Repair	Sales	36/100k 24/UNL.	No

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST
				Car Maker	DENSO [Exchange Part]	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT			
						W/O gasket	With gasket	W/O gasket [Exchange Part]	With gasket [Exchange Part]					
Subaru														
Impreza	EE20		2008/10	16625AA020	294000-098#	16613AA020	-	095000-789#	-	Repair	Repair	36/100k	No	yes
			2010/12	16625AA030	294000-108#	16613AA030	-	295050-025#	-	Repair	Repair	36/100k	No	yes
Forester	EE20		2008/07	16625AA020	294000-098#	16613AA020	-	095000-789#	-	Repair	Repair	36/100k	No	yes
			2010/12	16625AA030	294000-108#	16613AA030	-	295050-025#	-	Repair	Repair	36/100k	No	yes
NEW	EE20		2015/01	16625AA060	294000-2220 [972940-0222]	16613AA040	-	295700-023# [972957-0023]	-	Sales	Sales	36/100k	Yes	
NEW	EE20		2008/01	16625AA010	294000-076#	16613AA020	-	095000-789#	-	Repair	Repair	36/100k	No	yes
			2010/01	16625AA030	294000-108#	16613AA030	-	295050-025#	-	Repair	Repair	36/100k	No	yes
	EE20		2015/01	16625AA060	294000-2220 [972940-0222]	16613AA040	-	295700-023# [972957-0023]	-	Sales	Sales	36/100k	Yes	
Outback	EE20		2008/01	16625AA010	294000-076#	16613AA020	-	095000-789#	-	Repair	Repair	36/100k	No	yes
			2010/06	16625AA030	294000-108#	16613AA030	-	295050-025#	-	Repair	Repair	36/100k	No	yes
XV	EE20		2011/12	16625AA030	294000-108#	16613AA030	-	295050-025#	-	Repair	Repair	36/100k	No	yes

Common Rail Applications

Model	Engine Type	Details	SOS	Supply pump		Injector				Service System		Warranty (mth/km)	Quick return	DST			
				Car Maker	DENSO	Car Maker		DENSO		Supply pump	Injector Warranty IN/OUT						
						W/O gasket	With gasket	W/O gasket	With gasket								
Toyota																	
NEW	1CD-FTV		1999/10	22100-27010	097300-001#	23670-27010	23670-29015	095000-015#	095000-041#	Repair (097300-0090)	095000-057#	36/100k [PUMP]	No	DST-1 / yes			
			2000/10			23670-27030	23670-29035	095000-042#	095000-057#	- / Sales	DST-1 / yes						
			2012/01	22100-27010	097300-0090					Repair							
			2003/02	22100-0G010	HU294000-010#	23670-0G040 (23670-0G030)	23670-09250 (23670-09220)	HU095000-755# (095000-721#)	HU095000-758# (095000-722#)	HU095000-758# (095000-689#)	Repair (294000-0850)	- / Repair	36/100k [PUMP]	No	No	yes	
			2003/09		HU294000-006#	(23670-0G020)	(23670-09220)				Repair (294000-0850)					No	yes
			2008/01		22100-0G011	HU294000-085#	(23670-0G010)				(23670-09030)					Repair	No
			2003/09	22100-27020	294000-017#	23670-27050	23670-29045	095000-526#	095000-558#	Repair	095000-620#	36/100k [PUMP]	No	No	yes		
			2005/05			23670-27051	23670-29065	095000-615#	095000-620#		- / Sales				yes		
	NEW	2AD-FHV	130kW	2005/07	22100-0R020	HU294000-030#	23670-26020 (23670-26011)	23670-29105 (23670-29055)	295900-010# (295900-001#)	295900-011# (295900-002#)	Repair-Kit -1410 [0300 -> 1020] (294000-1020)	- / Sales	36/100k [PUMP]	No	yes		
				2008/01	22100-0R021	HU294000-086#	23670-0R041 (23670-0R040)	-	HU295900-013# (295900-003#)	-	Repair-Kit -1410 [0860 -> 1020] (294000-1020)				295900-011#	No	yes
				2011/01	22100-0R050	HU294000-102#					Repair					yes	
			DPNR M130kW	22100-0R040	HU294000-071#	23670-0R080	-	HU295900-007#	-	Repair	295900-041#	36/100k [PUMP]	No	Yes [INJ]	yes		
			2015/01			23670-0R081	-	HU295900-038#	-		295900-041#						
			DPNR A110kW	22100-0R040	HU294000-071#	23670-0R090	-	HU295900-008#	-	Repair	295900-0423	36/100k [PUMP]	No	Yes [INJ]	yes		
	2015/01	23670-0R091	-			HU295900-039#	-	295900-042#									
	NEW	2AD-FTV	110kW	2005/07	22100-0R010	HU294000-031#	23670-0R160 (23670-0R110) (23670-0R060) (23670-0R010)	23670-09260 (23670-09200) (23670-09200) (23670-09130)	HU095000-760# (095000-724#)	HU095000-761# (095000-725#)	HU095000-690# (095000-611#)	Repair-Kit -1420 [0310 -> 1580] (294000-1580)	- / Repair	36/100k [PUMP]	No	yes	
				2008/01	22100-0R011	HU294000-087#						Repair-Kit -1420 [0870 -> 1580] (294000-1580)				No	yes
				2011/01	22100-0R070	HU294000-158#						Repair				No	yes
			DPF	22100-0R040	HU294000-071#	23670-0R090	-	HU295900-008#	-	Repair	295900-042#	36/100k [PUMP]	No	Yes [INJ]	yes		
						2015/01	23670-0R091	-	HU295900-039#		-				295900-042#		

Common Rail Applications

Model	Engine Type	Details	SOS	Supply pump		Injector				Service System		Warranty (mth/km)	Quick return	DST				
				Car Maker	DENSO	Car Maker		DENSO		Supply pump	Injector Warranty IN/OUT							
						W/O gasket	With gasket	W/O gasket	With gasket									
Toyota																		
NEW Avensis	1AD-FTV	81kW	2006/07	22100-0R020	HU294000-030#	23670-0R180 (23670-0R130) -	23670-09270 (23670-09230) -	HU095000-768# (095000-732#) -	HU095000-769# (095000-733#) -	Repair-Kit -1410 [0300 -> 1020] (294000-1020)	- / Repair	36/100k [PUMP]	No No No	yes				
			2008/01	22100-0R021	HU294000-086#					(23670-0R050)					(23670-09190)	(095000-668#)	(095000-697#)	Repair-Kit -1410 [0860 -> 1020] (294000-1020)
			2011/01	22100-0R050	HU294000-102#												Repair	
		90kW	2006/07	22100-0R010	HU294000-031#	23670-0R190 (23670-0R140) -	23670-09280 (23670-09240) -	HU095000-766# (095000-730#) -	HU095000-767# (095000-731#) -	Repair-Kit -1420 [0310 -> 1580] (294000-1580)	- / Repair	36/100k [PUMP]	No No No	yes				
			2008/01	22100-0R011	HU294000-087#					(23670-0R030)					(23670-09180)	(095000-641#)	(095000-696#)	Repair-Kit -1420 [0870 -> 1580] (294000-1580)
			2011/01	22100-0R070	HU294000-158#												Repair	
	DPF (CCO)	2009/01	22100-0R040	HU294000-071#	23670-0R100	-	HU295900-009#	-	Repair	295900-043#	36/100k [PUMP]	No	yes					
		2015/01			23670-0R101	-	HU295900-040#	-	Repair	295900-043#		Yes [INJ]						
	Avensis Verso	1CD-FTV		2000/10	22100-27010	097300-001#	23670-29035	23670-27030	095000-042#	095000-057#	Repair	- / Sales	36/100k [PUMP]	No	DST-1 / yes			
				2003/02	22100-0G010	HU294000-010#	23670-0G040 (23670-0G030) (23670-0G020) (23670-0G010)	23670-09250 (23670-09220) (23670-09220) (23670-09030)	HU095000-755# (095000-721#) -	HU095000-758# (095000-722#) (095000-689#) (095000-542#)	Repair (294000-0850)	- / Repair	36/100k [PUMP]	No No No	yes			
2003/09				HU294000-006#												Repair (294000-0850)		
2008/01				22100-0G011	HU294000-085#				Repair									

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST	
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT				
						W/O gasket	With gasket	W/O gasket	With gasket						
Toyota															
NEW	2AD-FHV	130kW	2007/01	22100-0R020	HU294000-030#	23670-26020 (23670-26011)	23670-29105 (23670-29055)	295900-010# (295900-001#)	295900-011# (295900-002#)	Repair-Kit -1410 [0300 -> 1020] (294000-1020)	- / Sales	36/100k [PUMP]	No No	yes	
			2008/01	22100-0R021	HU294000-086#	23670-0R041 (23670-0R040)	-	HU295900-013# (295900-003#)	-	Repair-Kit -1410 [0860 -> 1020] (294000-1020)	295900-011#		No No	yes	
			2011/01	22100-0R050	HU294000-102#					Repair			yes		
		DPNR M130kW	2009/01	22100-0R040	HU294000-071#	23670-0R080	-	HU295900-007#	-	Repair	295900-041#	36/100k [PUMP]	No	yes	
			2015/01			23670-0R081	-	HU295900-038#	-		295900-041#		Yes [INJ]		
		DPNR A110kW	2009/01	22100-0R040	HU294000-071#	23670-0R090	-	HU295900-008#	-	Repair	295900-042#	36/100k [PUMP]	No	yes	
	2015/01		23670-0R091			-	HU295900-039#	-	295900-042#		Yes [INJ]				
	NEW	81kW	2007/01	22100-0R020	HU294000-030#	23670-0R180 (23670-0R130)	23670-09270 (23670-09230)	HU095000-768# (095000-732#)	HU095000-769# (095000-733#)	Repair-Kit -1410 [0300 -> 1020] (294000-1020)	- / Repair	36/100k [PUMP]	No No No	yes	
			2008/01	22100-0R021	HU294000-086#	- (23670-0R050)	- (23670-09190)	- (095000-668#)	- (095000-697#)	Repair-Kit -1410 [0860 -> 1020] (294000-1020)			yes		
			2011/01	22100-0R050	HU294000-102#				Repair	yes					
		90kW	2007/01	22100-0R010	HU294000-031#	23670-0R190 (23670-0R140)	23670-09280 (23670-09240)	HU095000-766# (095000-730#)	HU095000-767# (095000-731#)	Repair-Kit -1420 [0310 -> 1580] (294000-1580)	- / Repair	36/100k [PUMP]	No No No	yes	
			2008/01	22100-0R011	HU294000-087#	- (23670-0R030)	- (23670-09180)	- (095000-641#)	- (095000-696#)	Repair-Kit -1420 [0870 -> 1580] (294000-1580)			yes		
2011/01			22100-0R070	HU294000-158#				Repair	yes						
DPF (CCO)		2009/01	22100-0R040	HU294000-071#	23670-26070	23670-29115	295900-006#	295900-018#	Repair	- / Sales (295900-043#)	36/100k [PUMP]	No	yes		
		2015/01			23670-26071	23670-29116	HU295900-037#	295900-043#		- / Sales		Yes [INJ]			
DPF (CCO)		2009/01	22100-0R040	HU294000-071#	23670-0R100	-	HU295900-009#	-	Repair	295900-043#	36/100k [PUMP]	No	yes		
	2015/01	23670-0R101			-	HU295900-040#	-	295900-043#		Yes [INJ]					

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST	
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT				
						W/O gasket	With gasket	W/O gasket	With gasket						
Toyota															
Coaster (Hino)	N04C		2006/10	22100-78180 (22100-1261C)	294000-019#	23670-78030 (23670-E0140)	-	095000-532#	-	Repair (294000-1500)	- / Sales	36/100k [PUMP]	No	yes	
			2011/05	22100-78180 (22100-E0284)	294000-150#					Repair					
			Euro5 24V	2011/05	22100-E0560	294000-1460	n.a. (23670-E0510)	-	095000-951#	-	Sales	- / Sales	36/100k [PUMP]	No	
Corolla	1CD-FTV		2000/08	22100-27010	097300-001#	23670-27020	23670-29025	095000-043#	095000-064#	Repair (097300-0090)	- / Sales	36/100k [PUMP]	No	DST-1 / yes	
			2012/01	22100-27010	097300-0090					Repair					
			2003/02	22100-0G010	HU294000-010#	23670-0G040 (23670-0G030) (23670-0G020) (23670-0G010)	23670-09250 (23670-09220) (23670-09220) (23670-09030)	HU095000-755# (095000-721#) - (095000-512#)	HU095000-758# (095000-722#) (095000-689#) (095000-542#)	Repair (294000-0850)	- / Repair	36/100k [PUMP]	No No No No	yes yes yes	
			2003/09		HU294000-006#					Repair (294000-0850)					
			2008/01		22100-0G011					HU294000-085#					Repair
			2003/09	22100-27020	294000-017#	23670-27050	23670-29045	095000-526#	095000-558#	Repair	095000-620#	36/100k [PUMP]	No	yes	
		2005/05	23670-27051			23670-29065	095000-615#	095000-620#	- / Sales		No				yes
		2AD-FHV	130kW	2006/10	22100-0R020	HU294000-030#	23670-26020 (23670-26011)	23670-29105 (23670-29055)	295900-010# (295900-001#)	295900-011# (295900-002#)	Repair-Kit -1410 [0300 -> 1020] (294000-1020)	- / Sales	36/100k [PUMP]	No No	yes yes
				2008/01	22100-0R021	HU294000-086#	23670-0R040	-	HU295900-013# (295900-003#)	-	Repair-Kit -1410 [0860 -> 1020] (294000-1020)				
					2011/01	22100-0R050	HU294000-102#					Repair			

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST	
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT				
						W/O gasket	With gasket	W/O gasket	With gasket						
Toyota															
NEW Corolla	1AD-FTV	81kW	2006/07	22100-0R020	HU294000-030#	23670-0R180 (23670-0R130)	23670-09270 (23670-09230)	HU095000-768# (095000-732#)	HU095000-769# (095000-733#)	Repair-Kit -1410 [0300 -> 1020] (294000-1020)	- / Repair	36/100k [PUMP]	No No - No	yes	
			2008/01	22100-0R021	HU294000-086#	- (23670-0R050)	- (23670-09190)	- (095000-668#)	- (095000-697#)	Repair-Kit -1410 [0860 -> 1020] (294000-1020)				yes	
			2011/01	22100-0R050	HU294000-102#				Repair	yes					
		90kW	2006/07	22100-0R010	HU294000-031#	23670-0R190 (23670-0R140)	23670-09280 (23670-09240)	HU095000-766# (095000-730#)	HU095000-767# (095000-731#)	Repair-Kit -1420 [0310 -> 1580] (294000-1580)	- / Repair	36/100k [PUMP]	No No - No	yes	
			2008/01	22100-0R011	HU294000-087#	- (23670-0R030)	- (23670-09180)	- (095000-641#)	- (095000-696#)	Repair-Kit -1420 [0870 -> 1580] (294000-1580)				yes	
			2011/01	22100-0R070	HU294000-158#				Repair	yes					
		DPF (CCO)	2009/01	22100-0R040	HU294000-071#	23670-0R100	-	HU295900-009#	-	Repair	295900-043#	36/100k [PUMP]	No	yes	
			2015/01			23670-0R101	-	HU295900-040#	-		295900-043#			Yes [INJ]	

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST	
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT				
						W/O gasket	With gasket	W/O gasket	With gasket						
Toyota															
Corolla Verso	1CD-FTV		2000/08	22100-27010	097300-001#	23670-27020	23670-29025	095000-043#	095000-064#	Repair (097300-0090)	- / Sales	36/100k [PUMP]	No	DST-1 yes	
			2012/01	22100-27010	097300-0090					Repair					
			2003/02	22100-0G010	HU294000-010#	23670-0G040 (23670-0G030)	23670-09250 (23670-09220)	HU095000-755# (095000-721#)	HU095000-758# (095000-722#)	Repair (294000-0850)	- / Repair	36/100k [PUMP]	No	No	yes
			2003/09		HU294000-006#										
			2008/01	22100-0G011	HU294000-085#	(23670-0G010)	(23670-09030)	(095000-512#)	(095000-542#)	Repair	No	yes			
	2AD-FHV	130kW		2005/10	22100-0R020	HU294000-030#	23670-26020 (23670-26011)	23670-29105 (23670-29055)	295900-010# (295900-001#)	295900-011# (295900-002#)	Repair-Kit -1410 [0300 -> 1020] (294000-1020)	- / Sales	36/100k [PUMP]	No	yes
				2008/01	22100-0R021	HU294000-086#	23670-0R041 (23670-0R040)	-	HU295900-013# (295900-003#)	-	Repair-Kit -1410 [0860 -> 1020] (294000-1020)			295900-011#	No
				2011/01	22100-0R050	HU294000-102#					Repair		No	yes	
	2AD-FTV	100kW		2005/11	22100-0R010	HU294000-031#	23670-0R170 (23670-0R120)	23670-09290 (23670-09210)	HU095000-763# (095000-727#)	HU095000-764# (095000-728#)	Repair-Kit -1420 [0310 -> 1580] (294000-1580)	- / Repair	36/100k [PUMP]	No	yes
				-					23670-0R180 (23670-0R070)	23670-09270 (23670-09210)	HU095000-768# (095000-732#)			HU095000-769# (095000-691#)	Repair-Kit -1420 [0870 -> 1580] (294000-1580)
			2008/01	22100-0R011	HU294000-087#	(23670-0R050)	(23670-09190)	(095000-668#)	(095000-697#)	Repair		No	yes		
			2011/01	22100-0R070	HU294000-158#							No	yes		
			2008/01	22100-0R021	HU294000-086#	23670-0R180 (23670-0R130)	23670-09270 (23670-09230)	HU095000-768# (095000-732#)	HU095000-769# (095000-733#)	Repair-Kit -1410 [0860 -> 1020] (294000-1020)	- / Repair	36/100k [PUMP]	No	yes	
			2011/01	22100-0R050	HU294000-102#	(23670-0R050)	(23670-09190)	(095000-668#)	(095000-697#)	Repair			36/100k [PUMP]	No	
	1AD-FTV	81kW		2006/07	22100-0R020	HU294000-030#	23670-0R180 (23670-0R130)	23670-09270 (23670-09230)	HU095000-768# (095000-732#)	HU095000-769# (095000-733#)	Repair-Kit -1410 [0300 -> 1020] (294000-1020)	- / Repair	36/100k [PUMP]	No	yes
				2008/01	22100-0R021	HU294000-086#					(23670-0R050)				
				2011/01	22100-0R050	HU294000-102#					Repair		No	yes	

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST	
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT				
						W/O gasket	With gasket	W/O gasket	With gasket						
Toyota															
Dyna	2KD-FTV		2001/08	22100-30021	294000-001#	23670-30030	23670-39035	095000-077#	095000-094#	Repair	- / Sales	36/100k [PUMP]	No	yes	
			2005/07		294000-055#	23670-30040	23670-39045	095000-063#	095000-095#	Repair				yes	
		Standard	2010/08	22100-0L060	SM294000-090#	23670-0L110	23670-09380	295050-054#	SM295050-081#	Repair (294000-0700)	- / Sales	36/100k [PUMP]	No		
		Low Lub	2010/08	22100-0L070-A	SM294000-091#					Repair				36/100k [PUMP]	No
		Standard	2010/08	22100-30110-A	294000-093#	23670-30420	23670-39425	295050-062#	SM295050-080#	Repair (294000-0700)	- / Repair (295050-081#)	36/100k [PUMP]	No		
		Low Lub	2010/08	22100-30120	294000-094#					Repair (294000-0910)				36/100k [PUMP]	No
	1KD-FTV	Euro4		2006/10	22100-30040	294000-036#	23670-30290 (23670-30230)	23670-39265 (23670-39225)	095000-781# (095000-744#)	095000-782# (095000-745#)	Repair-Kit -0280 [0360 -> 0700] (294000-0700)	- / Sales	36/100k [PUMP]	No	yes
				2007/06	22100-30090	294000-070#	(23670-30120)	(23670-39165)	(095000-671#)	(095000-701#)	Repair				-----
		Euro4	2010/04	22100-30090	294000-070#	23670-30380	23670-39385	295050-007#	295050-082#	Repair	- / Sales	36/100k [PUMP]	No		
				23670-30390	23670-39395	295050-008#	295050-083#	Repair	- / Repair						
		Euro5	2010/10	22100-30150	294000-131#	23670-30170	23670-39445	295900-019#	295900-024#	Repair	- / Sales	36/100k [PUMP]	No		
			2014/06	22100-30151	294000-221#					Sales				Yes PUMP	
		Euro5	2011/08	22100-30160	294000-132#	23670-30440	23670-39435	295900-020#	295900-025#	Repair	- / Sales	36/100k [PUMP]	No		
			2014/10	22100-30161	HU294000-232#					Sales				Yes PUMP	

NEW

NEW

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT			
						W/O gasket	With gasket	W/O gasket	With gasket					
Toyota														
Dyna 200 (Hino)	S05C		2001/10	22100-78090 (22730-1200A)	094000-035#	23670-78010 (23910-1201A)	-	095000-058#	-	Repair	- / Sales	36/100k [PUMP]	No	DST-1 / yes
	P11C	Hino	-	22730-1190A	094000-033#	-	-	-	-	Repair	-	via Hino	-	
	E13C	Hino	-	22100-E0300	094000-042#	23670-E0360-A	-	095000-5971	-	Repair	- / Sales	via Hino	-	
	N04C		2006/10	22100-78180 (22100-E0280)	294000-019#	23670-78030 (23670-E0140)	-23670-79036	095000-532#	-	Repair (294000-1500)	- / Sales	36/100k [PUMP]	No	yes
			2011/05	22100-78180 (22100-E0284)	294000-150#					Repair				
		Euro4	2006/09	22100-78230 (22100-E0060)	294000-059#	23670-79016 (23670-E0081)	-	095000-651#	-	Repair	- / Sales	36/100k [PUMP]	No	
		Euro3	2006/09			23670-79026 (23670-E0091)	-	095000-652#	-	Repair	- / Sales	36/100k [PUMP]	No	
		Euro5 12V	2009/05			n.a. (23670-E0410)	23670-78160	095000-847#	-	Repair	- / Sales	36/100k [PUMP]	No	
		Euro5 24V	2009/05			23670-79086 (23670-E0420)	23670-78070	095000-848#	-	Repair	- / Sales	36/100k [PUMP]	No	
		Euro5 24V	2011/05	22100-E0560	294000-1460	n.a. (23670-E0510)	-	095000-951#	-	Sales	- / Sales	36/100k [PUMP]	No	
1KD-FTV	Euro4	2010/04	22100-30090	294000-070#	23670-30410	23670-39255	295050-021#	295050-047#	Repair	- / Repair	36/100k [PUMP]	No		
			22100-0L060	SM294000-090#	23670-0L100	23670-09340	SM295050-019#	SM295050-053#	Repair (294000-0700)	- / Repair (295050-047#)		No		
	Euro5	2010/10	22100-30150	294000-131#	23670-30170	23670-39445	295900-019#	295900-024#	Repair	- / Sales	36/100k [PUMP]	No		
	Euro5	2014/06	22100-30151	294000-221#					Sales			Yes PUMP		
Hiace		2001/08	22100-30021	294000-001#	23670-30030	23670-39035	095000-077#	095000-094#	Repair	- / Sales	36/100k [PUMP]	No	DST-1 / yes	
		2005/07		294000-055#					Repair			yes		
	2KD-FTV		2005/07	22100-0L020	SM294000-035#	23670-30300 (23670-30240 - (23670-0L010)	23670-39275 (23670-39235) - (23670-09060)	SM095000-775# (095000-738#) - (095000-552#)	SM095000-776# (095000-739#) - (095000-593#)	Repair-Kit -0450 [0350 -> 0900] (294000-0700)	- / Repair	36/100k [PUMP]	No	yes
			2005/07	22100-0L020	SM294000-035#	23670-30280 (23670-0L050) - (23670-0L020)	23670-39316 (23670-09330) - (23670-09070)	095000-754# (095000-822#) - (095000-544#)	095000-778# (095000-829#) - (095000-592#)	Repair-Kit -0450 [0510 -> 0900] (294000-0700)	- / Repair		No	yes

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST	
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT				
						W/O gasket	With gasket	W/O gasket	With gasket						
Toyota															
Hiace	2KD-FTV		2008/01	22100-0L060	SM294000-090#	-	-	-	-	Repair (294000-0700)	-	36/100k [PUMP]	No	yes	
			2007/06	22100-30090	294000-070#	-	-	-	-	Repair	-	36/100k [PUMP]	No	yes	
			2005/08	22100-30070	SM294000-051#	23670-30100	-	SM095000-619#	-	Repair-Kit -0450 [0510 -> 0900] (294000-0700)	095000-776#	36/100k [PUMP]	No	yes	
			2008/01	22100-30110	SM294000-093#	-	-	-	-	Repair (294000-0700)	-	36/100k [PUMP]	No	yes	
			2006/09	22100-30100	294000-092#	-	-	-	-	Repair (294000-0700)	-	36/100k [PUMP]	No	yes	
			2006/09	22100-30060	294000-043#	-	-	-	-	Repair-Kit -0430 [0430 -> 0920] (294000-0700)	-	36/100k [PUMP]	No	yes	
			2006/09	22100-30040	294000-104#	-	-	-	-	Repair-Kit -0280 [1040 -> 0920] (294000-0700)	-	36/100k [PUMP]	No	yes	
			Euro4	2006/10	22100-30040	294000-036#	23670-30310 (23670-30250)	23670-39285 (23670-39245)	095000-779# (095000-742#)	095000-780# (095000-743#)	Repair-Kit -0280 [0360 -> 0700] (294000-0700)	- / Repair	36/100k [PUMP]	No	yes
				2007/10	22100-30090	294000-070#	(23670-30150)	(23670-39145)	095000-677#	(095000-704#)	Repair				yes
			Standard	2010/08	22100-0L060	SM294000-090#	23670-0L110	23670-09380	295050-054#	SM295050-081#	Repair (294000-0700)	- / Sales	36/100k [PUMP]	No	yes
			Low Lub	2010/08	22100-0L070-A	SM294000-091#					Repair				36/100k [PUMP]
			Standard	2010/08	22100-30110-A	294000-093#	23670-30420	23670-39425	295050-062#	SM295050-080#	Repair (294000-0700)	- / Repair (295050-081#)	36/100k [PUMP]	No	yes
			Low Lub	2010/08	22100-30120	294000-094#					Repair (294000-0910)				36/100k [PUMP]

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST	
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT				
						W/O gasket	With gasket	W/O gasket	With gasket						
Toyota															
Hilux	2KD-FTV		2001/08	22100-30021	294000-001#	23670-30030	23670-39035	095000-077#	095000-094#	Repair	- / Sales	36/100k [PUMP]	No	DST-1 / yes	
			2005/07		294000-055#					Repair		36/100k [PUMP]		yes	
			2005/07	22100-0L020	SM294000-035#	23670-30300 (23670-30240 - (23670-0L010)	23670-39275 (23670-39235) - (23670-09060)	SM095000-775# (095000-738#) - (095000-552#)	SM095000-776# (095000-739#) - (095000-593#)	Repair-Kit -0450 [0350 -> 0900] (294000-0700)	- / Repair	36/100k [PUMP]	No	yes	
			2005/07	22100-0L020	SM294000-035#	23670-30280 (23670-0L050) - (23670-0L020)	23670-39316 (23670-09330) - (23670-09070)	095000-754# (095000-822#) - (095000-544#)	095000-778# (095000-829#) - (095000-592#)	Repair-Kit -0450 [0510 -> 0900] (294000-0700)	- / Repair		No	yes	
			2008/01	22100-0L060	SM294000-090#	-	-	-	-	Repair (294000-0700)	-		No	yes	
			2007/06	22100-30090	294000-070#	-	-	-	-	Repair	-		No	yes	
			2005/08	22100-30070	SM294000-051#	23670-30100	-	SM095000-619#	-	Repair-Kit -0450 [0510 -> 0900] (294000-0700)	095000-776#		36/100k [PUMP]	No	yes
			2008/01	22100-30110	SM294000-093#	-	-	-	-	Repair (294000-0700)	-	36/100k [PUMP]	No	yes	
			2008/01	22100-0L050	SM294000-089#	-	-	-	-	Repair (294000-0700)	-	36/100k [PUMP]	No	yes	
			2006/09	22100-30100	294000-092#	-	-	-	-	Repair (294000-0700)	-	36/100k [PUMP]	No	yes	
			2006/09	22100-30060	294000-043#	-	-	-	-	Repair-Kit -0430 [0430 -> 0920] (294000-0700)	-	36/100k [PUMP]	No	yes	
			2006/09	22100-30040	294000-104#	-	-	-	-	Repair-Kit -0280 [1040 -> 0920] (294000-0700)	-	36/100k [PUMP]	No	yes	
			Euro4	2006/10	22100-30040	294000-036#	23670-30280 (23670-30220) - (23670-30140)	23670-39315 (23670-39215) - (23670-39185)	095000-754# (095000-740#) - (095000-676#)	095000-778# (095000-741#) - (095000-703#)	Repair-Kit -0280 [0360 -> 0700] (294000-0700)	- / Repair	36/100k [PUMP]	No No No	yes
				2007/06	22100-30090	294000-070#	Repair	No	yes						

Common Rail Applications

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST	
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT				
						W/O gasket	With gasket	W/O gasket	With gasket						
Toyota															
NEW	Hilux	2KD-FTV	Euro4	2010/04	22100-30120	294000-094#	23670-30400	23670-39365	295050-020#	295050-046#	Repair (294000-0910)	- / Sales	36/100k [PUMP]	Yes [INJ]	yes
					22100-0L070	SM294000-091#	23670-0L090	23670-09350	SM295050-018#	SM295050-052#	Repair	- / Repair (295050-046#)		yes	
			Euro5	2011/08 2012/06	22100-30160	294000-132#	23670-30450	23670-39455	295900-021#	295900-028#	Repair	- / Sales	36/100k [PUMP]	No	yes
					22100-30160	HU294000-132#					Repair			Yes PUMP	
			Euro5	2014/10	22100-30161	HU294000-232#	Sales	No	yes						
			2004/06	22100-0L030	SM294000-044#	23670-30300 (23670-0L070 - (23670-0L010)	23670-39275 (23670-09360) - (23670-09060)	SM095000-775# (095000-853#) - (095000-552#)	SM095000-776# (095000-874#) - (095000-593#)	Repair-Kit -0460 [0440 -> 0910] (294000-0910)	- / Repair	36/100k [PUMP]	No	yes	
			2004/06	22100-30080	SM294000-052#	23670-30300 (23670-0L070 - (23670-0L010)	23670-39275 (23670-09360) - (23670-09060)	SM095000-775# (095000-853#) - (095000-552#)	SM095000-776# (095000-874#) - (095000-593#)	Repair-Kit -0460 [0440 -> 0910] (294000-0910)	- / Repair	36/100k [PUMP]	No	yes	
		2KD-FTV	Standard	2010/08	22100-0L060	SM294000-090#	23670-0L110	23670-09380	295050-054#	SM295050-081#	Repair (294000-0700)	- / Sales	36/100k [PUMP]	No	yes
			Low Lub	2010/08	22100-0L070-A	SM294000-091#					Repair			No	yes
			Standard	2010/08	22100-30110-A	294000-093#	23670-30420	23670-39425	295050-062#	SM295050-080#	Repair (294000-0700)	- / Repair (295050-081#)	36/100k [PUMP]	No	yes
	Low Lub		2010/08	22100-30120	294000-094#	Repair (294000-0910)					yes				
	1KD-FTV	Euro4	2006/10	22100-30040	294000-036#	23670-30280 (23670-30220) - (23670-30140)	23670-39315 (23670-39215) - (23670-39185)	095000-754# (095000-740#) - (095000-676#)	095000-778# (095000-741#) - (095000-703#)	Repair-Kit -0280 [0360 -> 0700] (294000-0700)	- / Repair	36/100k [PUMP]	No	yes	
			2007/06	22100-30090	294000-070#	Repair	yes								
		Euro4	2010/04	22100-30090	294000-070#	23670-30400	23670-39365	295050-020#	295050-046#	Repair	- / Sales	36/100k [PUMP]	No	yes	
				22100-0L060	SM294000-090#	23670-0L090	23670-09350	SM295050-018#	SM295050-052#	Repair (294000-0700)	- / Repair (295050-046#)			yes	
		Euro5	2011/08 2012/06	22100-30160	294000-132#	23670-30170	23670-39445	295900-019#	295900-024#	Repair	- / Sales	36/100k [PUMP]	No	yes	
				22100-30160	HU294000-132#					Repair					
	Euro5	2014/10	22100-30161	HU294000-232#	Sales	Yes PUMP									

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST	
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT				
						W/O gasket	With gasket	W/O gasket	With gasket						
Toyota															
NEW	Land Cruiser	1KD-FTV	90 / 95	2000/08	22100-30010	097300-004#	23670-30010 23670-30020	23670-39015 23670-39025	095000-052# 095000-053#	095000-074# 095000-075#	Repair	- / Sales	36/100k [PUMP]	No	DST-1 yes
			120	2002/08	22100-30030	097300-007#	23670-30020	23670-39025	095000-053#	095000-075#	Repair	- / Sales	36/100k [PUMP]	No	DST-1 yes
			Euro3	2004/09	22100-30050	294000-038#	23670-30320 (23670-30210) (23670-30180) (23670-30080)	23670-39295 (23670-39155) (23670-39155) (23670-39135)	095000-772# (095000-735#) - (095000-574#)	095000-773# (095000-736#) (095000-687#) (095000-589#)	Repair	- / Repair	36/100k [PUMP]	No No No No	yes
			Euro4	2006/10	22100-30040	294000-036#	23670-30280 (23670-30220) -	23670-39315 (23670-39215) -	095000-754# (095000-740#) -	095000-778# (095000-741#) -	Repair-Kit -0280 [0360 -> 0700] (294000-0700)	- / Repair	36/100k [PUMP]	No	yes
				2007/06	22100-30090	294000-070#	(23670-30140)	(23670-39185)	(095000-676#)	(095000-703#)	Repair				yes
			Euro4	2010/04	22100-30140	294000-110#	23670-30400	23670-39365	295050-020#	295050-046#	Repair	- / Sales	36/100k [PUMP]	No	yes
			Euro5	2010/10	22100-30150	294000-131#	23670-30170	23670-39445	295900-019#	295900-024#	Repair (294000-2210)	- / Sales	36/100k [PUMP]	No	yes
	Euro5	2014/06	22100-30151	294000-221#	Sales	Yes PUMP					yes				
	Land Cruiser 200	1VD-FTV	V8	2008/01	22100-51040-A	294050-0240	23670-51030 -	23670-59035 -	095000-770# -	095000-771# -	Repair (294050-0280)	- / Repair (095000-978#)	36/100k [PUMP]	No	yes
				2008/03	22100-51041	294050-0280	(23670-51020-A)	(23670-59025)	(095000-673#)	(095000-753#)	Repair				yes
				2012/12			23670-51031	23670-59037	095000-983#	095000-978#	Repair	- / Sales	36/100k [PUMP]		
			V8 Low Spec.	2008/01	22100-51030	294050-0230	23670-51030 -	23670-59035 -	095000-770# -	095000-771# -	Repair (294050-0280)	- / Repair (095000-978#)	36/100k [PUMP]	No	yes
				2008/03	22100-51031	294050-0270	(23670-51020-A)	(23670-59025)	(095000-673#)	(095000-753#)	Repair (294050-0280)				yes
2012/10				23670-51031			23670-59037	095000-983#	095000-978#	Repair	- / Sales	36/100k [PUMP]			
Australia			2008/03	-	-	23670-51040	23670-59016	095000-805#	095000-806#	-	- / Sales (095000-977#)	--	No	yes	
			2012/10	-	-	23670-51041	23670-59018	095000-974#	095000-977#	-	- / Sales	--	No		
Russia			2012/01	-	-	23670-51070	23670-59055	095000-979#	095000-984#	Sales	- / Sales	--	No		
Euro5			2012/04	22100-51070	294050-0560	23670-51060	23670-59045	295900-022#	295900-030#	Sales	- / Sales	36/100k [PUMP]	Yes PUMP		

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST		
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT					
						W/O gasket	With gasket	W/O gasket	With gasket							
Toyota																
Previa	1CD-FTV		2000/10	22100-27010	097300-001#	23670-27030	23670-29035	095000-042#	095000-057#	Repair (097300-0090)	- / Sales	36/100k [PUMP]	No	DST-1 yes		
			2012/01	22100-27010	097300-0090					Repair						
RAV4	1CD-FTV		2000/10	22100-27010	097300-001#	23670-27030	23670-29035	095000-042#	095000-057#	Repair (097300-0090)	- / Sales	36/100k [PUMP]	No	DST-1 yes		
			2012/01	22100-27010	097300-0090					Repair						
	2AD-FHV	130kW		2005/07	22100-0R020	HU294000-030#	23670-26020 (23670-26011)	23670-29105 (23670-29055)	295900-010# (295900-001#)	295900-011# (295900-002#)	Repair-Kit -1410 [0300 -> 1020] (294000-1020)	- / Sales	36/100k [PUMP]	No	yes	
				2008/01	22100-0R021	HU294000-086#	23670-0R041 (23670-0R040)	-	HU295900-013# (295900-003#)	-	Repair-Kit -1410 [0860 -> 1020] (294000-1020)			295900-011#	No	yes
				2011/01	22100-0R050	HU294000-102#					Repair				No	yes
	DPNR			2009/01	22100-0R050	HU294000-102#	23670-26050	23670-29135	295900-004#	295900-016#	Repair	295900-041#	36/100k [PUMP]	No	yes	
				2015/01			23670-26051	23670-29136	295900-035#	295900-041#	Repair	- / Sales		Yes [INJ]		
	DPNR			2009/01	22100-0R050	HU294000-102#	23670-26060	23670-29125	295900-005#	295900-017#	Repair	295900-042#	36/100k [PUMP]	No	yes	
				2015/01			23670-26061	23670-29126	HU295900-036#	295900-042#	Repair	- / Sales		Yes [INJ]		

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT			
						W/O gasket	With gasket	W/O gasket	With gasket					
Toyota														
NEW RAV4	2AD-FTV	100kW	2005/12	22100-0R010	HU294000-031#	23670-0R170 (23670-0R120) (23670-0R070) (23670-0R020)	23670-09290 (23670-09210) (23670-09210) (23670-09140)	HU095000-763# (095000-727#) - (095000-604#)	HU095000-764# (095000-728#) (095000-691#) (095000-623#)	Repair-Kit -1420 [0310 -> 1580] (294000-1580)	- / Repair	36/100k [PUMP]	No No No No	yes
		-	-			23670-0R180 (23670-0R130) - (23670-0R050)	23670-09270 (23670-09230) - (23670-09190)	HU095000-768# (095000-732#) - (095000-668#)	HU095000-769# (095000-733#) - (095000-697#)	Repair-Kit -1420 [0870 -> 1580] (294000-1580)	- / Sales	36/100k [PUMP]	No No - No	yes yes yes
		DPF (CCO)	2009/01 2015/01	22100-0R050	HU294000-102#	23670-26060	23670-29125	295900-005#	295900-017#	Repair	295900-042#	36/100k [PUMP]	No No	yes
		2015/01	23670-26061			23670-29126	HU295900-036#	295900-042#	- / Sales		No			
			2008/01	22100-0R021	HU294000-086#	23670-0R180 (23670-0R130) - (23670-0R050)	23670-09270 (23670-09230) - (23670-09190)	HU095000-768# (095000-732#) - (095000-668#)	HU095000-769# (095000-733#) - (095000-697#)	Repair-Kit -1410 [0860 -> 1020] (294000-1020)	- / Repair	36/100k [PUMP]	No No - No	yes yes
		1AD-FTV	81kW	2006/07	22100-0R020	HU294000-030#	23670-0R180 (23670-0R130) - (23670-0R050)	23670-09270 (23670-09230) - (23670-09190)	HU095000-768# (095000-732#) - (095000-668#)	HU095000-769# (095000-733#) - (095000-697#)	Repair-Kit -1410 [0300 -> 1020] (294000-1020)	- / Repair	36/100k [PUMP]	No No - No
	2008/01			22100-0R021	HU294000-086#	Repair-Kit -1410 [0860 -> 1020] (294000-1020)								
	2011/01			22100-0R050	HU294000-102#	Repair								

Model	Engine Type	Details	SOS	Supplypump		Injector				Service System		Warranty (mth/km)	Quick return	DST					
				Car Maker	DENSO	Car Maker		DENSO		Supplypump	Injector Warranty IN/OUT								
						W/O gasket	With gasket	W/O gasket	With gasket										
Toyota																			
NEW	Verso	DPNR	2009/01	22100-0R040	HU294000-071#	23670-0R080	-	HU295900-007#	-	Repair	295900-041#	36/100k [PUMP]	No	yes					
NEW			2015/01			23670-0R081	-	HU295900-038#	-		295900-041#		Yes [INJ]						
NEW			DPF			2009/01	22100-0R040	HU294000-071#	23670-0R090		-		HU295900-008#	-	Repair	295900-042#	36/100k [PUMP]	No	yes
NEW						2015/01			23670-0R091		-		HU295900-039#	-		295900-042#		Yes [INJ]	
NEW		1AD-FTV	DPF (CCO)	2009/01	22100-0R040	HU294000-071#	23670-26070	23670-29115	295900-006#	295900-018#	Repair	295900-043#	36/100k [PUMP]	No	yes				
NEW				2015/01			23670-26071	23670-29116	HU295900-037#	295900-043#		- / Sales		Yes [INJ]					
NEW			DPF (CCO)	2009/01			22100-0R040	HU294000-071#	23670-0R100	-		HU295900-009#		-	Repair	295900-043#	36/100k [PUMP]	No	yes
NEW				2015/01					23670-0R101	-		HU295900-040#		-		295900-043#		Yes [INJ]	
	4Runner	2KD-FTV	2001/08	22100-30021	294000-001#	23670-30030	23670-39035	095000-077#	095000-094#	Repair	- / Sales	36/100k [PUMP]	No	yes					
			2005/07		294000-055#					Repair				yes					