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GROUP B

ENGINE

ENGINE

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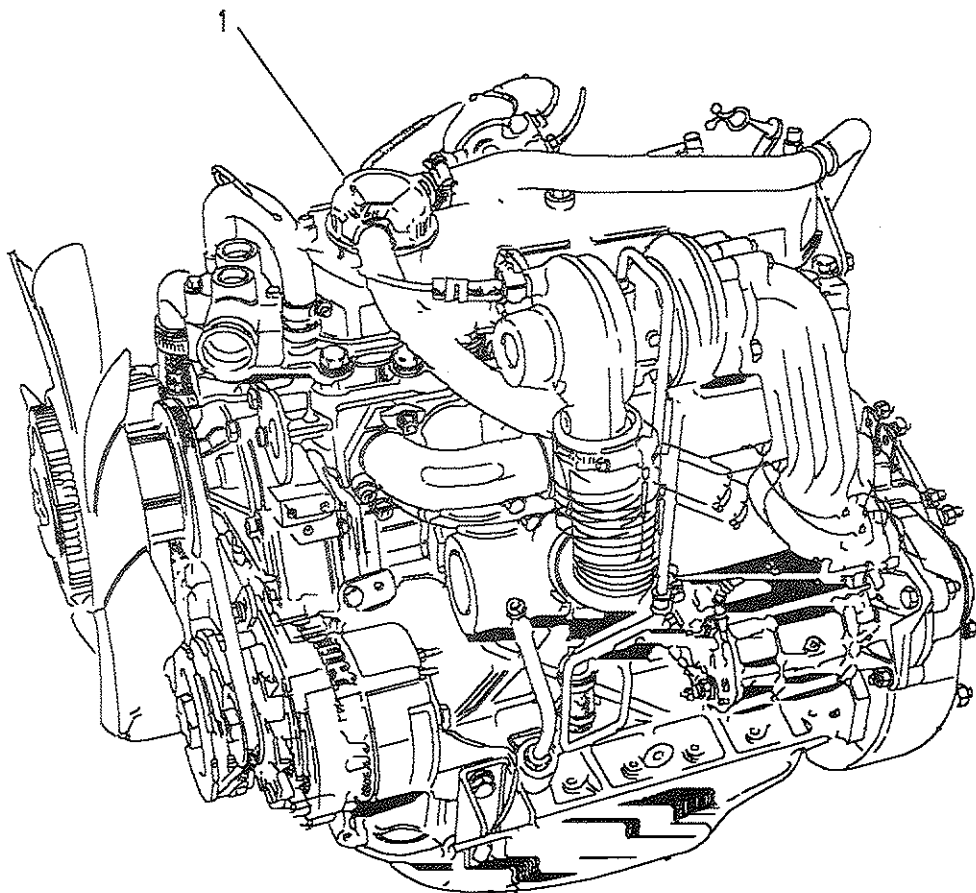
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ENGINE - ENGINE COMPLETE - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 ETC5700	Engine complete assembly	1	Note(1)
ETC6881	Engine complete assembly	1	Note(2)
ETC6882	Engine complete assembly	1	Note(3)
ETC6883	Engine complete assembly	1	Note(4)
ETC6884	Engine complete assembly	1	Note(5)
ETC6885	Engine complete assembly	1	Note(6)
ETC6886	Engine complete assembly	1	Note(7)
ETC6887	Engine complete assembly	1	Note(8)

Note(1)	Serial Number 19J00001C BASIC UK/EUROPE
Note(2)	Serial Number 19J00001C with P.A.S. UK/EUROPE
Note(3)	Serial Number 19J00001C with AIR CON UK/EUROPE
Note(4)	Serial Number 19J00001C with P.A.S. & AIR CON UK/EUROPE
Note(5)	Serial Number 19J00001C BASIC REST OF WORLD
Note(6)	Serial Number 19J00001C with P.A.S. REST OF WORLD
Note(7)	Serial Number 19J00001C with AIR CON REST OF WORLD
Note(8)	Serial Number 19J00001C with P.A.S. & AIR CON REST OF WORLD

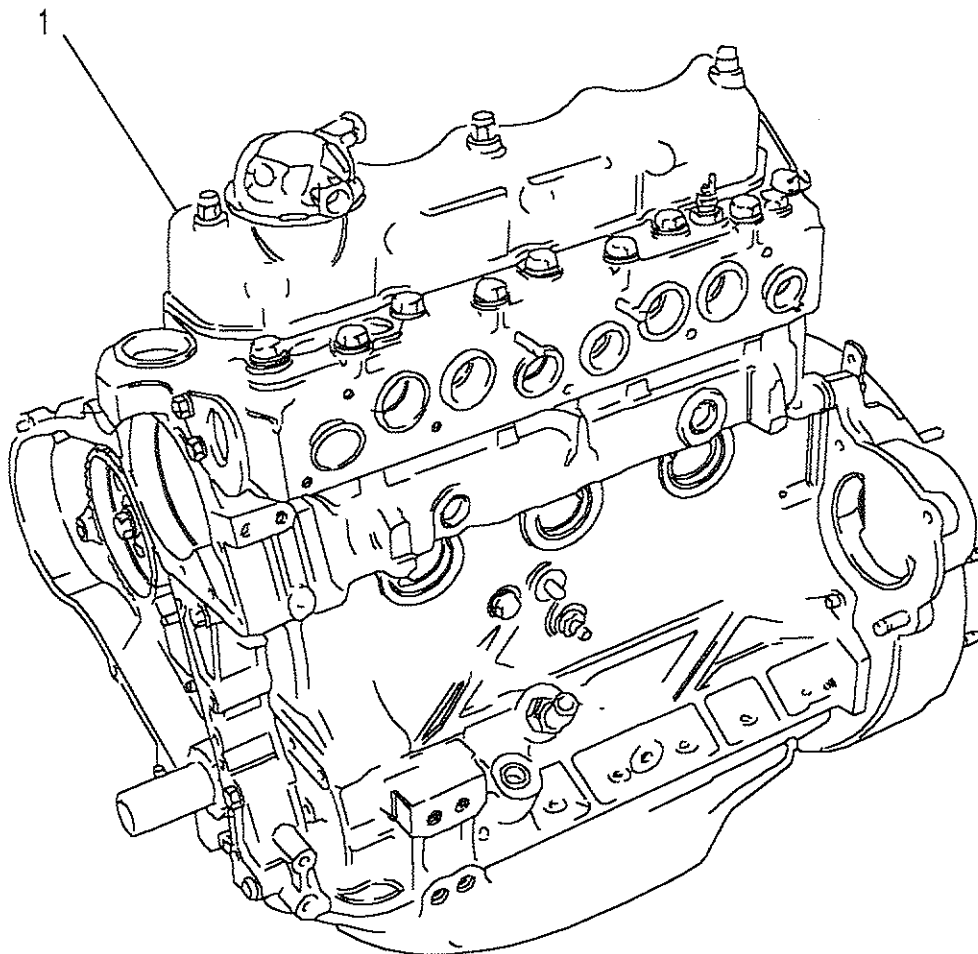


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ENGINE - ENGINE STRIPPED - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 RTC6802N	Engine stripped assy	1	
RTC5265R	Engine stripped-recon	1	Note(1)
RTC6802R	Engine stripped-recon	1	Note(2)

Note(1) Reconditioned unit available up to ENGINE No 19J15451C
 Note(2) Reconditioned unit available from ENGINE No 19J15452C





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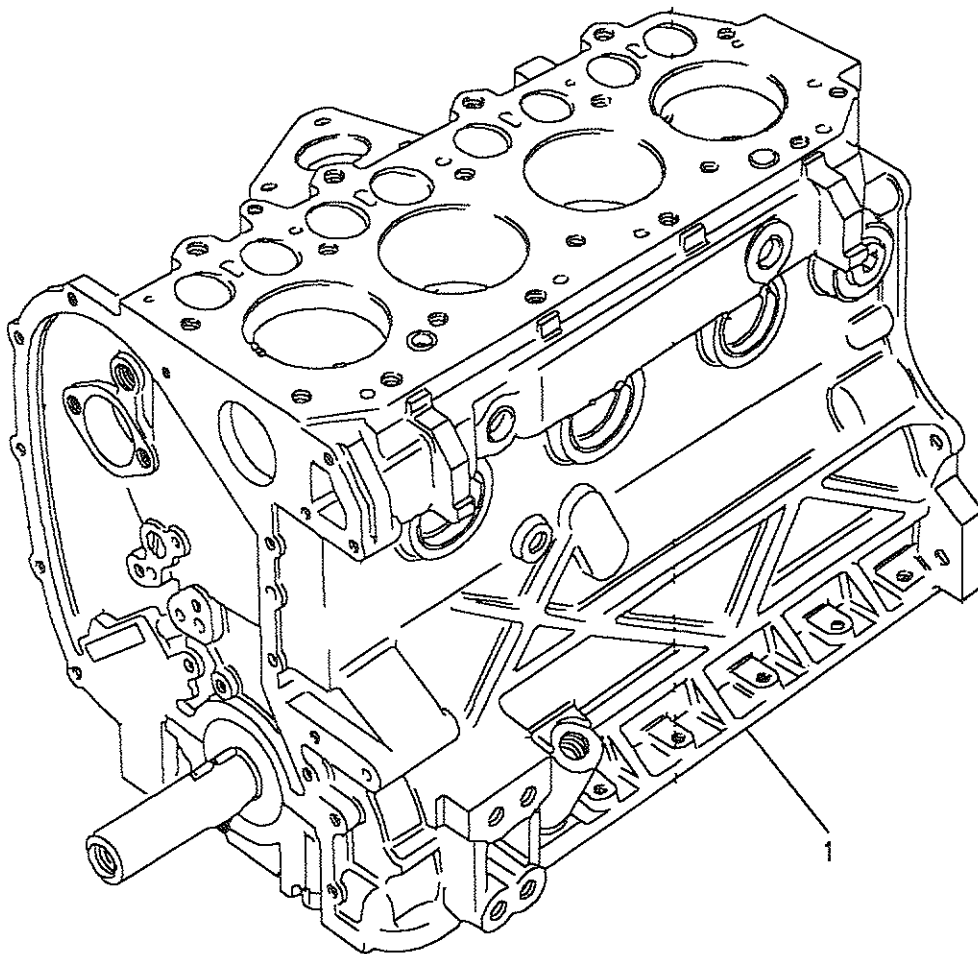
ENGINE

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ENGINE - ENGINE SHORT - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 RTC6795	Engine short assembly	1	

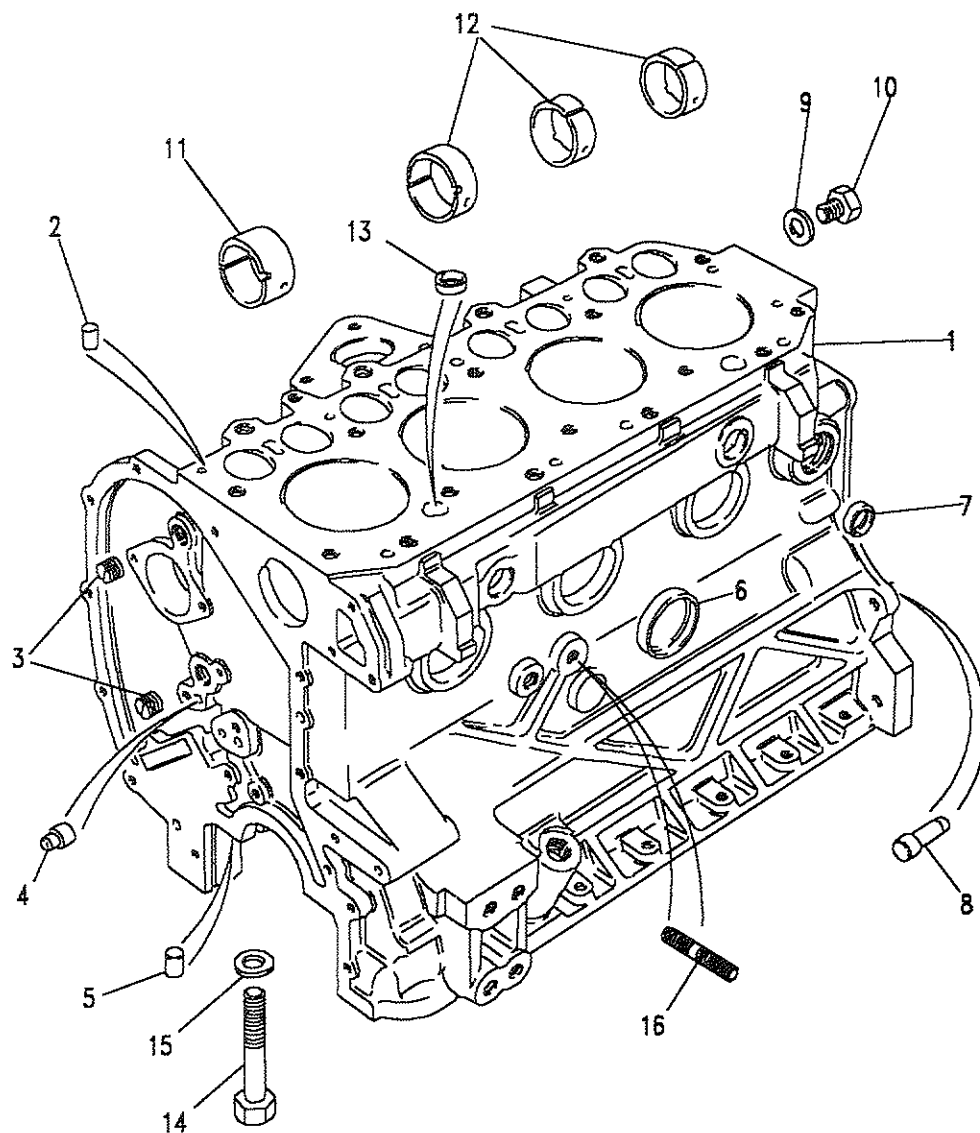


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ENGINE - CYLINDER BLOCK - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 ETC8767	Cylinder block assembly	1	Note(1)
2 247965	Plug-tappet feed hole	1	
3 247127	Plug-oil gallery	2	
4 ETC4529	Cup plug	1	
5 501593	Dowel-bearing caps	10	
6 ERC4996	Cup plug-side/ends	5	
7 597586	Cup plug-water rail-ends	3	
8 ERC4644	Dowel flywheel housing	2	
9 243959	Washer joint	2	
10 536577	Plug-gallery pipe	2	
11 90519054	Bearing-camshaft	1	
12 90519055	Bearing-camshaft	3	
13 ERC4995	Cup plug-top	2	
14 ETC7596	Bolt flanged	10	
15 504006	Washer-main bearing cap	10	
ERR5034	Plug-camshaft oil feed	3	
16 TE108031L	Stud-starter motor	1	

Note(1) This block used up to 19J27514C page 178

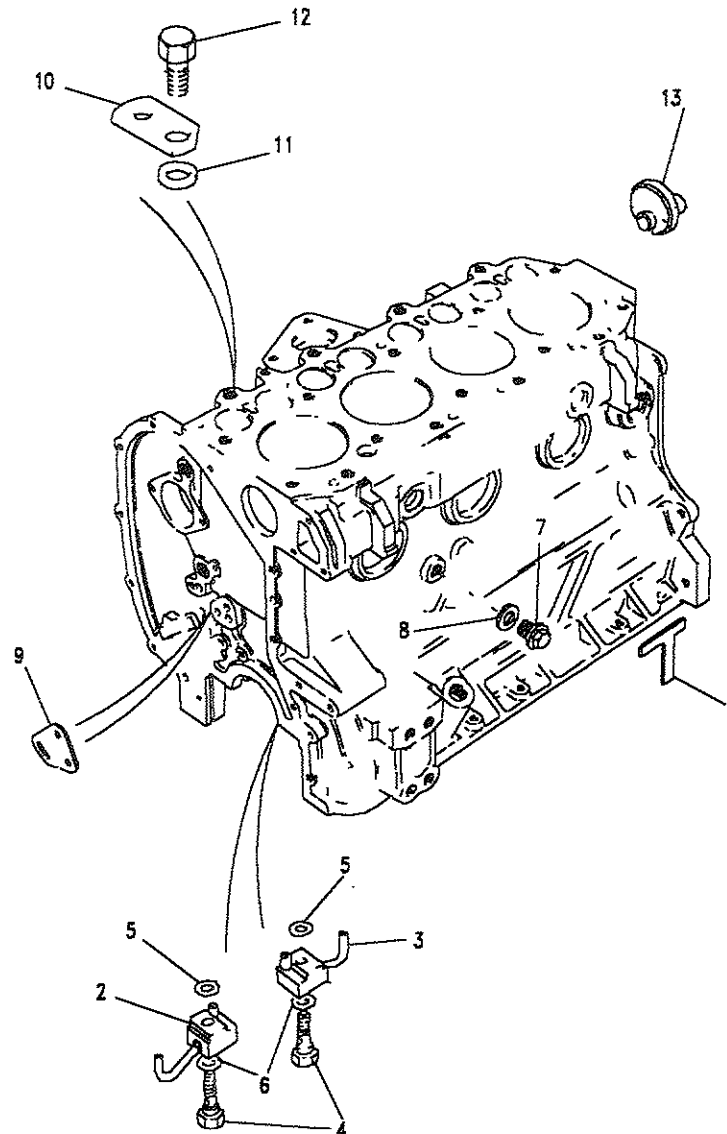




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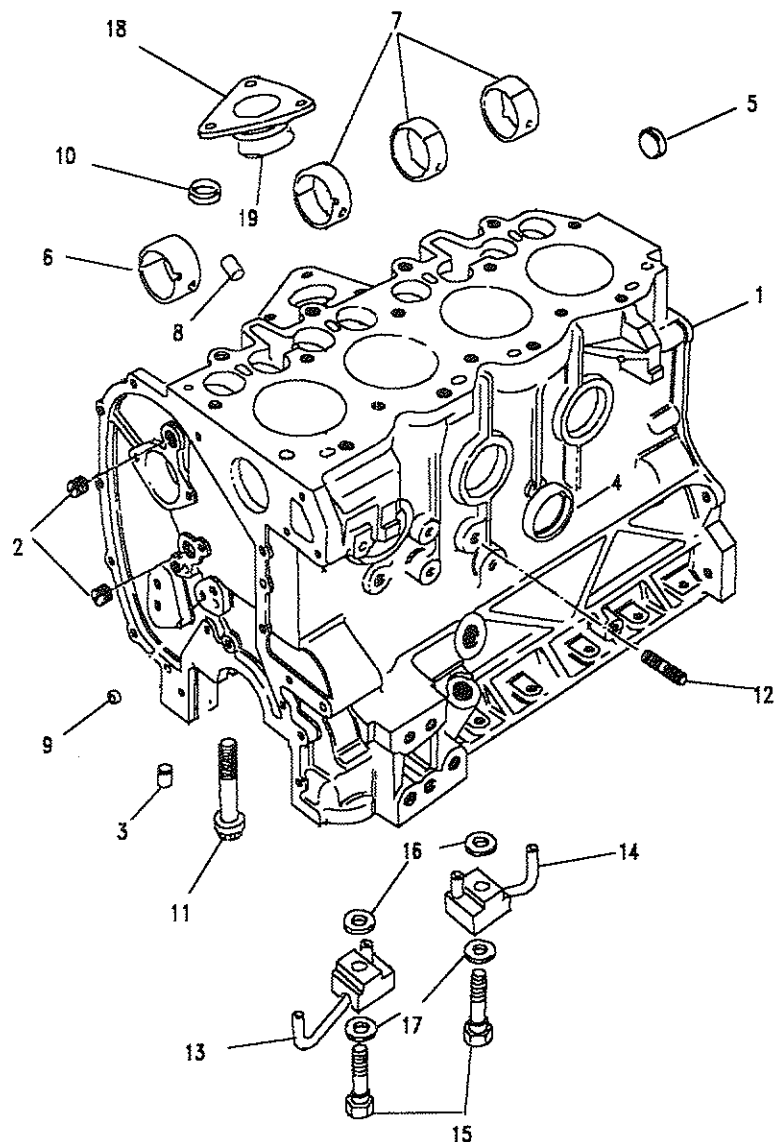
ENGINE - CYLINDER BLOCK - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 ERC5086	Strip packing	2	
2 ETC6531	Jet assembly No1&No3 cyl	2	
3 ETC6532	Jet assembly No2&No4 cyl	2	
4 ETC5592	Valve relief	4	
5 AFU1879L	Washer joint	4	
6 AFU1887L	Washer joint	4	
7 ERC9410	Plug drain	1	
8 AFU1882L	Washer joint	1	
9 ERC8864	Gasket	1	
10 ERC9404	Bracket-cable clip	1	
11 WA108051L	Washer-bracket to block	1	
12 SH108161L	Screw-bracket to block	1	
13 ETC8530	Breather assembly	1	
ETC5755	Adaptor-oil feed to turbo	1	



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ENGINE - CYLINDER BLOCK - 2.5 DIESEL TURBO



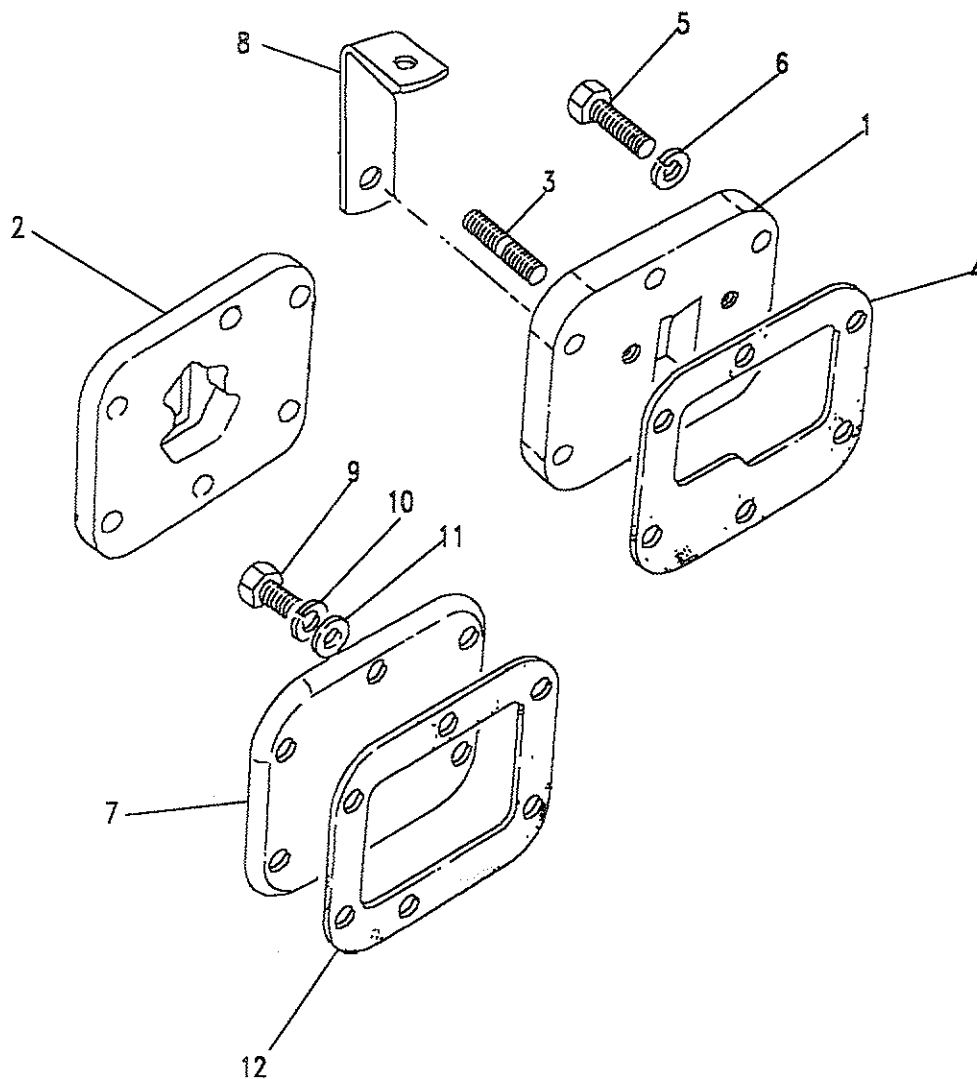
III. Part No.	Description	Qty	Remarks
1 ERR479	Cylinder block assembly	1	Note(1)
2 247127	Plug-oil gallery	1	
3 501593	Dowel-bearing caps	10	
4 ERC4996	Cup plug-sides/ends	6	
5 597586	Cup plug-water rail ends	3	
6 ETC8442	Bearing-camshaft	1	
7 90519055	Bearing-camshaft	3	
8 ERR5034	Plug camshaft oil feed	3	
9 ETC4529	Cup plug	1	
10 ERC4995	Cup plug	2	
11 ETC8074	Bolt-main bearing cap	10	
12 TE108031L	Stud-starter motor	1	
13 ETC6531	Jet assembly No1&No3 cyl	2	
14 ETC6532	Jet assembly No2&No4 cyl	2	
15 ETC5592	Valve relief	4	
16 AFU1879L	Washer joint	4	
17 AFU1887L	Washer joint	4	
18 ERR586	Adaptor-cylinder block	1	
19 ERR531	O ring-adaptor	1	

Note(1) This block used from 19J27515C page 176

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ENGINE - SIDE COVER - 2.5 DIESEL TURBO

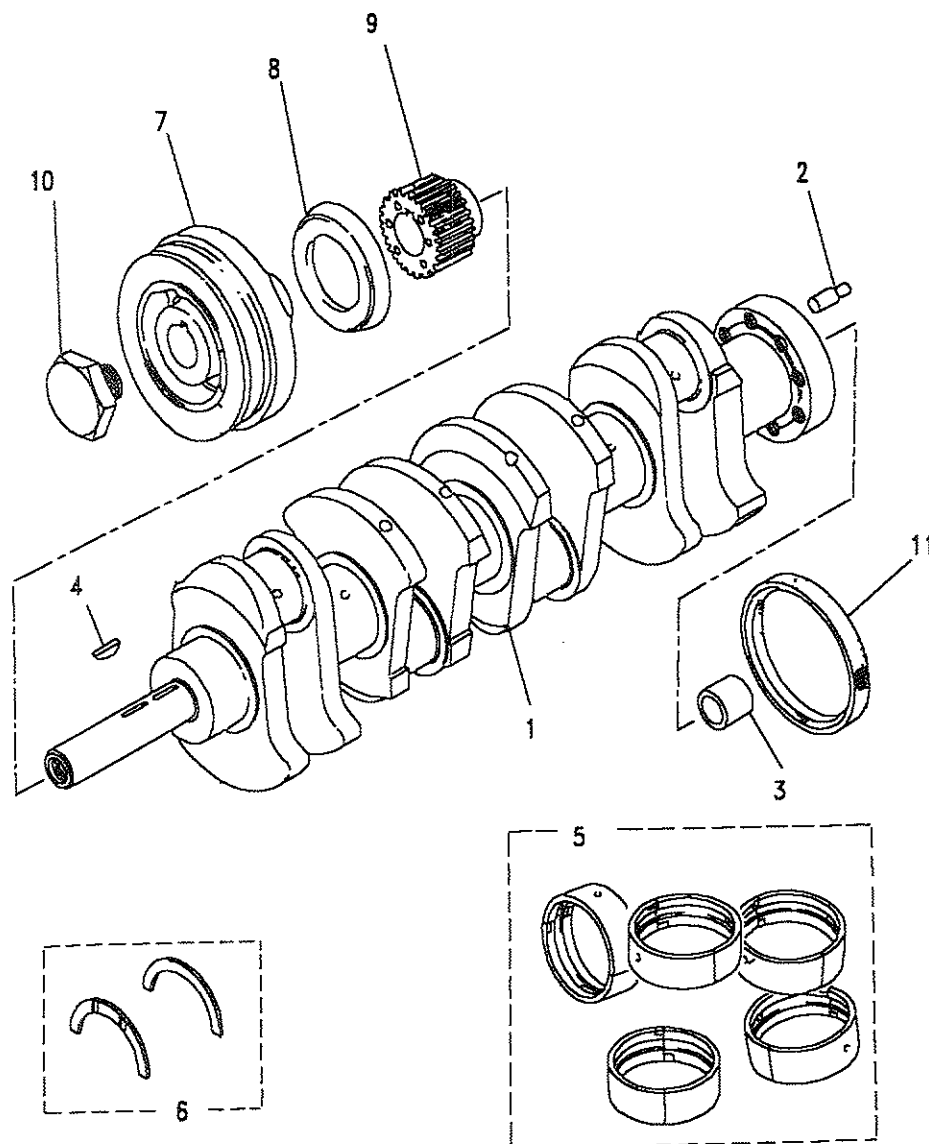
III. Part No.	Description	Qty	Remarks
1 ERC9073	Plate cover	1	Upto19J14097C
2 ETC7929	Plate cover	1	From19J14098C
3 TE108041L	Stud	2	
4 ERR1475	Washer joint	1	
5 SH108251L	Screw cover to block	6	
6 WL108001L	Washer	6	
7 541010	Cover side	1	
8 ERC9480	Bracket	1	
9 FS108201L	Screw	3	
SH108251L	Screw	3	
10 WA108051L	Washer plain	3	
11 WL108001L	Washer spring	6	
12 ERR3605	Gasket side cover	1	



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ENGINE - CRANKSHAFT - 2.5 DIESEL TURBO



III. Part No.	Description	Qty	Remarks
1 ETC8829	Crankshaft	1	UptoAUG1989
ERR1181	Crankshaft	1	FromAUG1989
2 ERR1630	Dowel crankshaft	1	
3 8566L	Bush-crankshaft	1	
4 235770	Key	2	
5 RTC4783	Kit main bearing	1	
RTC478310	Kit main bearing-010"	1	
	KIT-THRUST WASHER-PAIRS		
6 RTC2825	Standard	A/R	
538131	0.0025" oversize	A/R	
538132	0.0050" oversize	A/R	
538134	0.010" oversize	A/R	
7 ETC4077	Damper & pulley assy	1	BASIC
ETC4105	Damper vibration	1	Note(1)
ERC6860	Pulley AIR CON	1	
ERC6859	Pulley AIR CON/P.A.S.	1	
ERC6861	Pulley P.A.S.	1	
SH108251L	Screw	4	
WL108001L	Washer spring	4	
8 ETC4390	Flinger-T.V damper	1	
9 ERC9765	Pulley-crankshaft	1	
10 ETC7934	Bolt-crankshaft	1	
ERR605	Bolt-crankshaft	1	)FromAUG1989
ERR705	Washer thrust-crankshaft	1	
11 ERR1535	Seal oil-crankshaft rear	1	

Note(1) Use with appropriate pulley when AIR CON or P.A.S. is fitted



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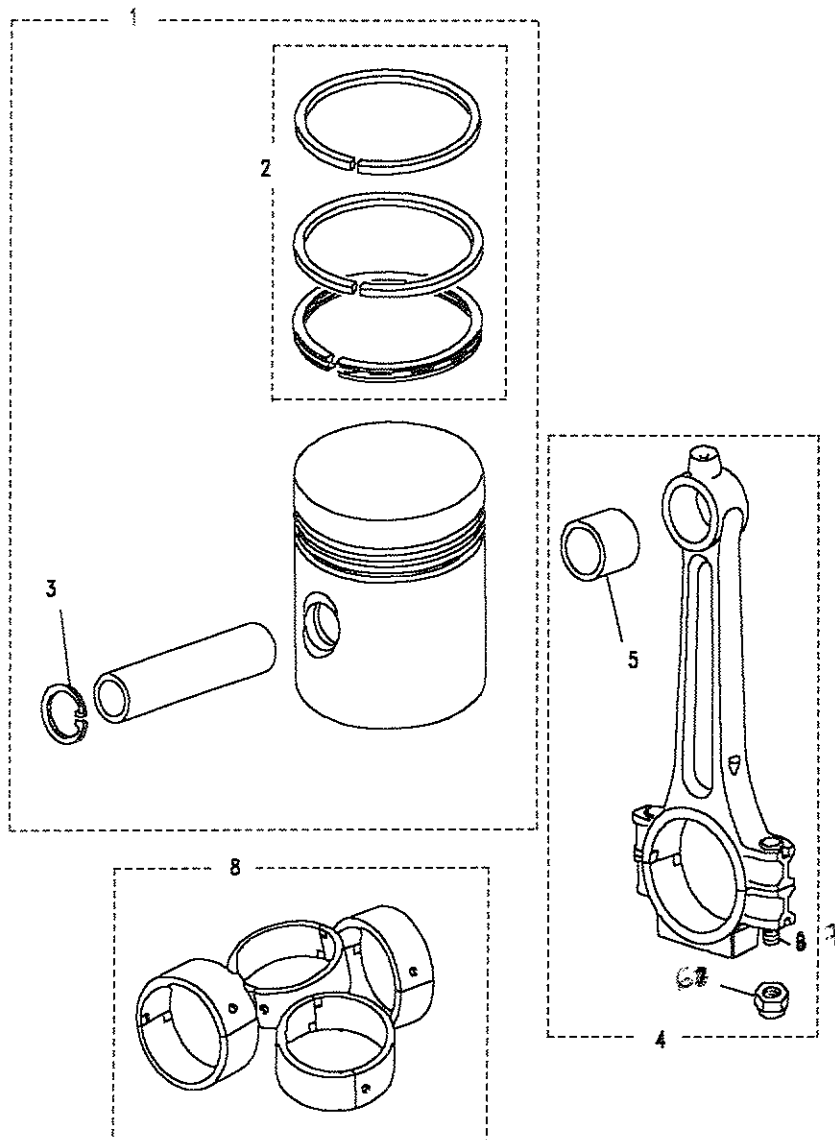
Page ADBHCC1A

ENGINE - PISTONS - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 ETC8676	Piston assy standard	4	
RTC599320	Piston assy 0.020"o/s	4	
2 RTC6174S	Kit piston rings std	4	
RTC617420	Kit piston rings 0.020"	4	
3 266945	Circlip	8	
4 ERR593	Con rod assembly	4	
5 247583	Bush	4	
6 ETC8191	Nut conn rod	8	
7 ETC7357	Bolt	8	

Con Rod Bearing: Engine Set

8 RTC2993	Bearing set big end	1	
RTC299310	Bearing set big end	1	0.010 o/s

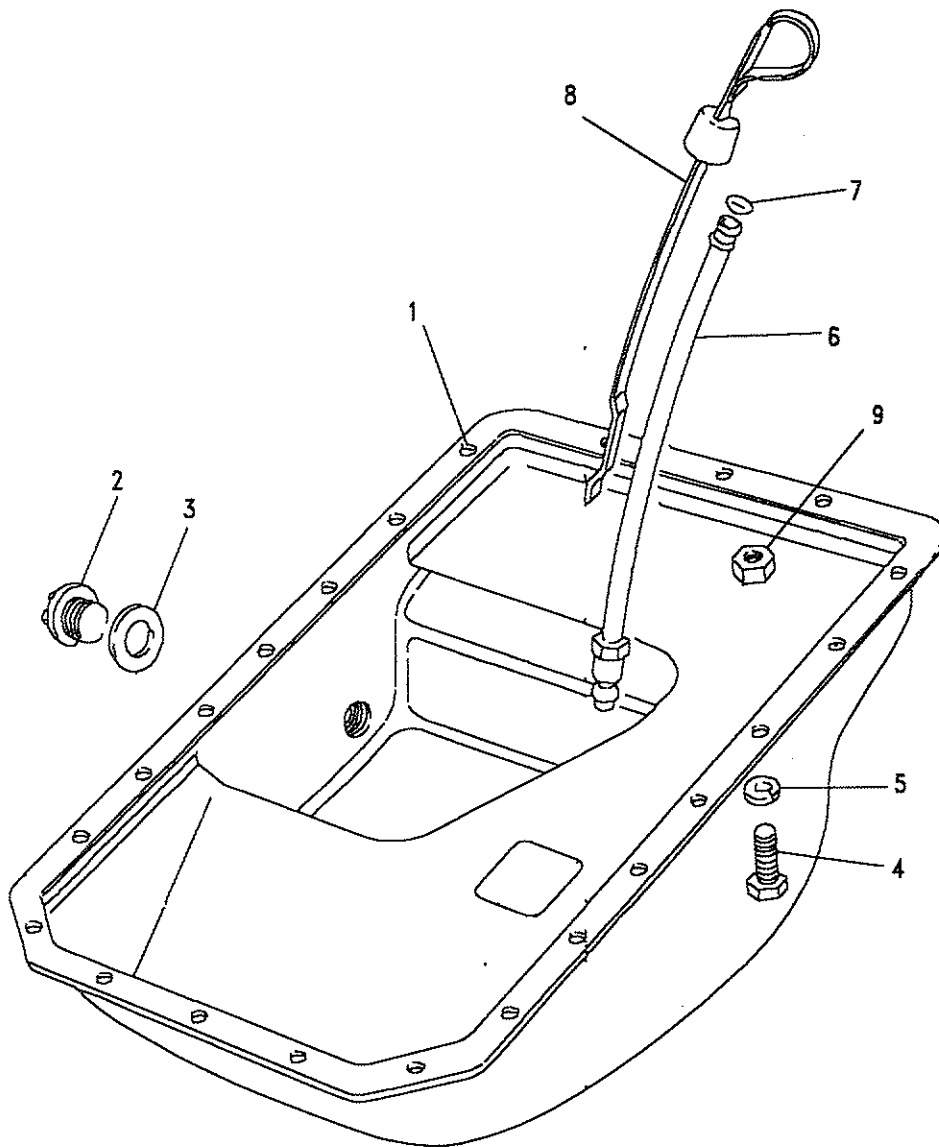


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ENGINE - SUMP - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1	ERR4716	1	Sump
2	599552	1	Plug drain
3	FRC4808	1	Washer joint plug
4	SH108161L	22	Screw
5	WL108001L	22	Washer spring
6	ERC8980	1	Tube dipstick
7	532387	1	Ring sealing tube
8	ETC7867	1	Dipstick





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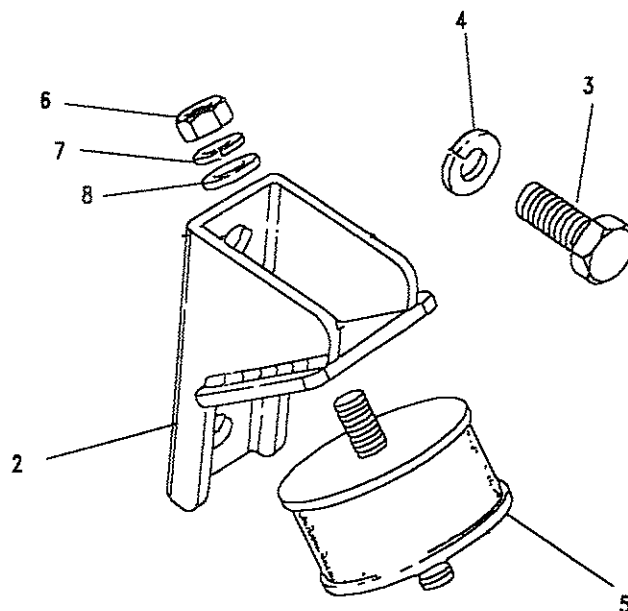
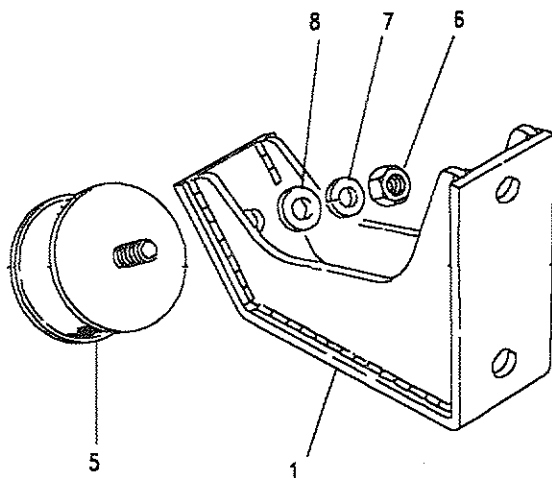
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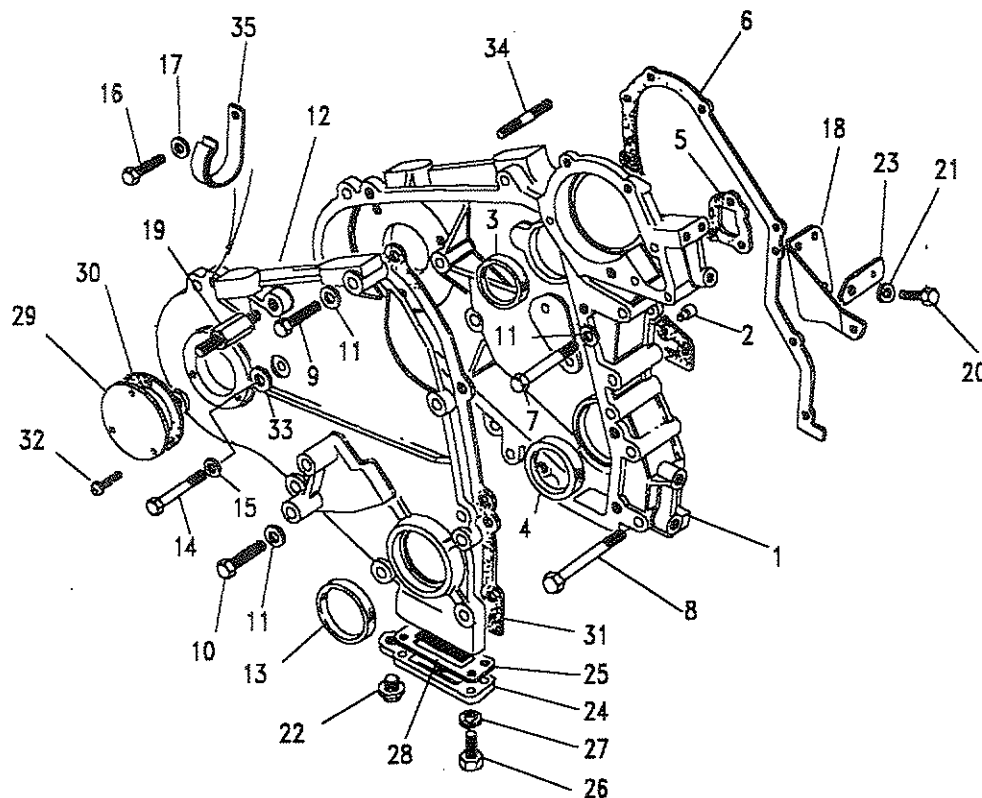
ENGINE - MOUNTINGS - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 NRC5434	Mounting foot-RH	1	
2 NRC9557	Mounting foot-LH	1	
3 SH112251L	Screw-foot to block	4	
4 WL112001L	Washer-foot to block	4	
5 ANR1808	Mounting rubber	1	
6 NH110041L	Nut-rubber to foot	4	
7 WC110061L	Washer-rubber to foot	2	
8 WL110001L	Washer-rubber to foot	4	



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ENGINE - FRONT COVER - 2.5 DIESEL TURBO



III. Part No.	Description	Qty	Remarks
1 ETC4421	Cover front	1	NON AIR CON
ETC5672	Cover front	1	AIR CON
2 6395L	Dowel front cover	1	
3 ETC5064	Seal oil camshaft	1	
4 ETC5065	Seal oil crankshaft	1	
5 538038	Gasket	1	
ERR1607	Gasket	1	Asbestos free
6 538039	Gasket	1	
7 FB108111L	Bolt cover to block	1	
8 FB108121L	Bolt cover to block	4	
9 BH108201L	Screw cover to block	1	
10 BH108251L	Screw cover to block	2	
11 WA108051L	Washer cover to block	8	
12 ETC4422	Plate front cover	1	NON AIR CON
ETC5675	Plate front cover	1	AIR CON
13 ETC4154	Seal cover plate	1	
14 BH108131L	Bolt plate to block	1	
15 WA108051L	Washer plate to block	1	
16 SH108121L	Screw	1	
SH108251L	Screw	7	
17 WA108051L	Washer	8	
18 ERC6479	Bracket cowl mounting	1	
19 ETC4996	Bolt bracket to Cover	1	
20 FS108201L	Screw	3	
21 WL108001L	Washer	3	
22 ERC7295	Plug	1	
23 ERC9404	Bracket harness clip	1	



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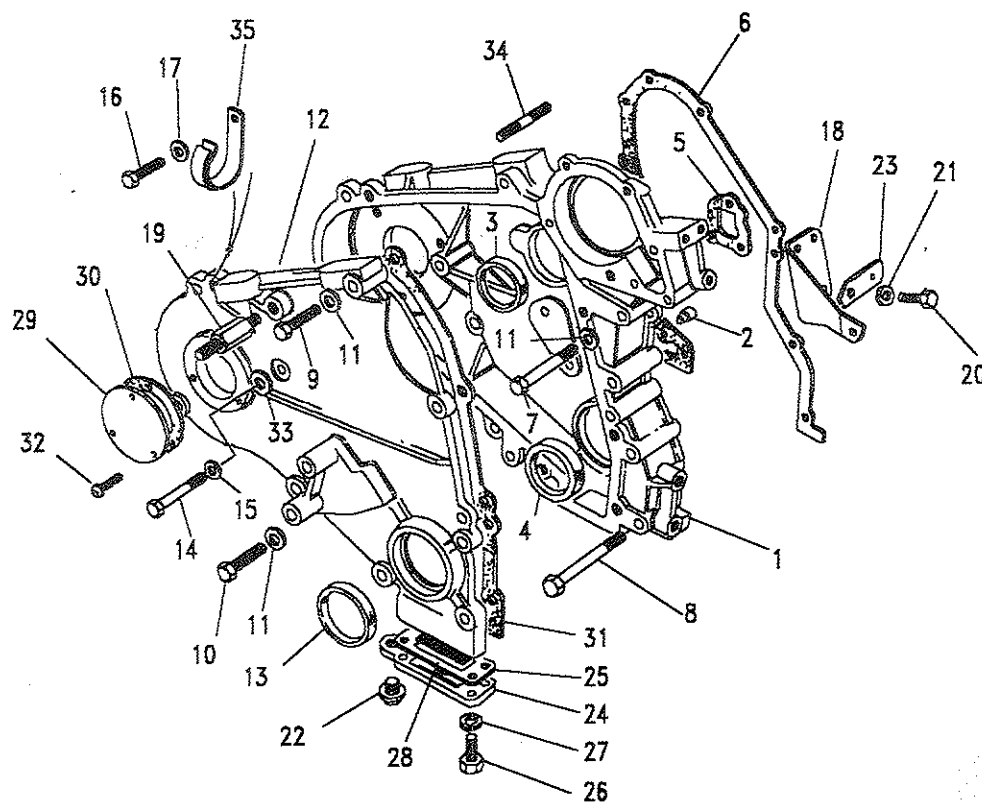
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ENGINE - FRONT COVER - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
24 ETC4058	Drain plate	1	
25 ETC4122	Gasket	1	
ERR3615	Gasket	1	Asbestos free
26 FS106207	Screw m6 x 20	4	
27 WA106041L	Washer plate to cover	4	
28 ETC4063	Strainer	1	
29 ERC9199	Plate cover	1	
30 ERC9201	Gasket	1	
ERR3614	Gasket	1	Asbestos free
31 ETC4420	Gasket	1	
ERR3616	Gasket	1	Asbestos free
32 SE106121L	Screw	3	
33 ETC4124	Gasket	1	
ERR3604	Gasket	1	Asbestos free
34 ETC4873	Stud DPS to front cover	3	
35 ETC4630	Bracket mounting	1	





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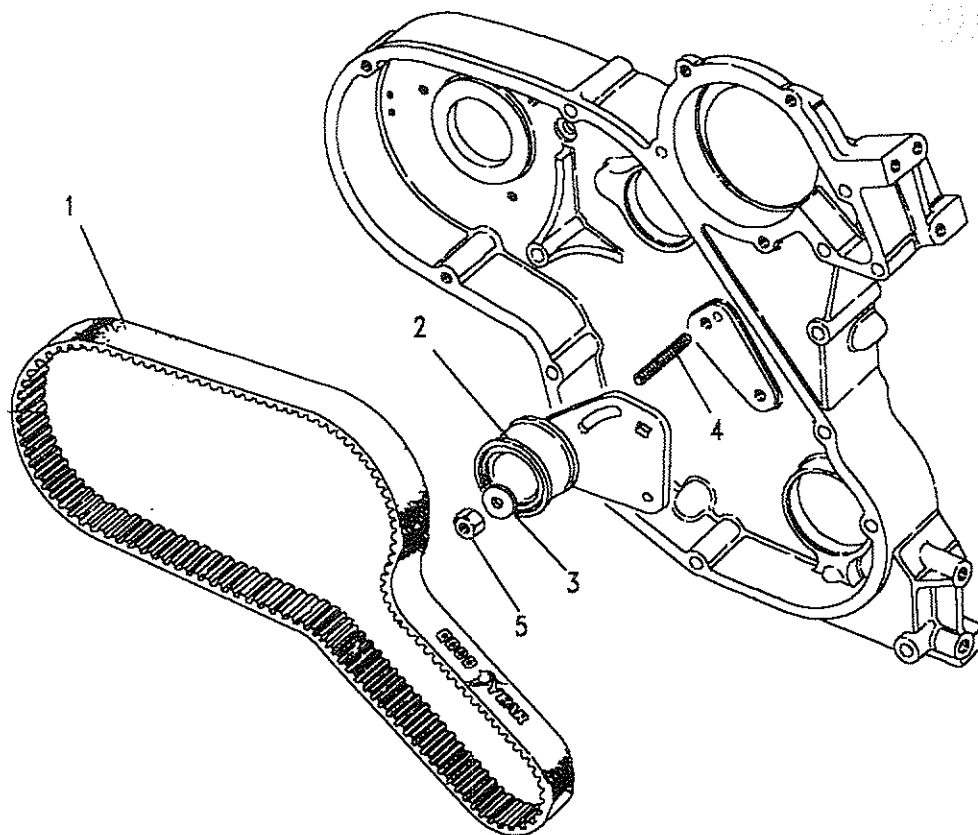
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ENGINE - TIMING BELT - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 ETC7333	Belt timing	1	
2 ERC8861	Tensioner assembly	1	
3 4594L	Washer	2	
4 TE108061L	Stud	2	
5 NY108041L	Nut	2	

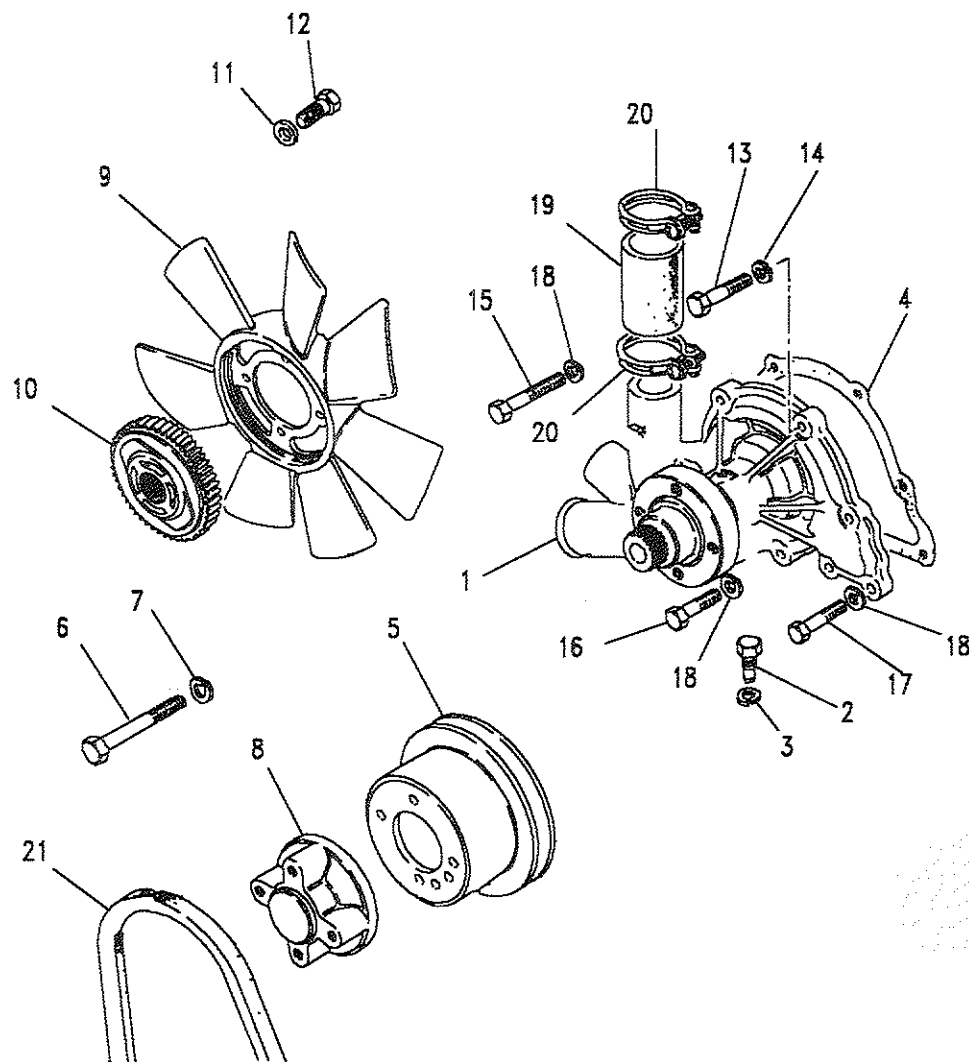


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ENGINE - WATER PUMP - 2.5 DIESEL TURBO - NON AIR CON

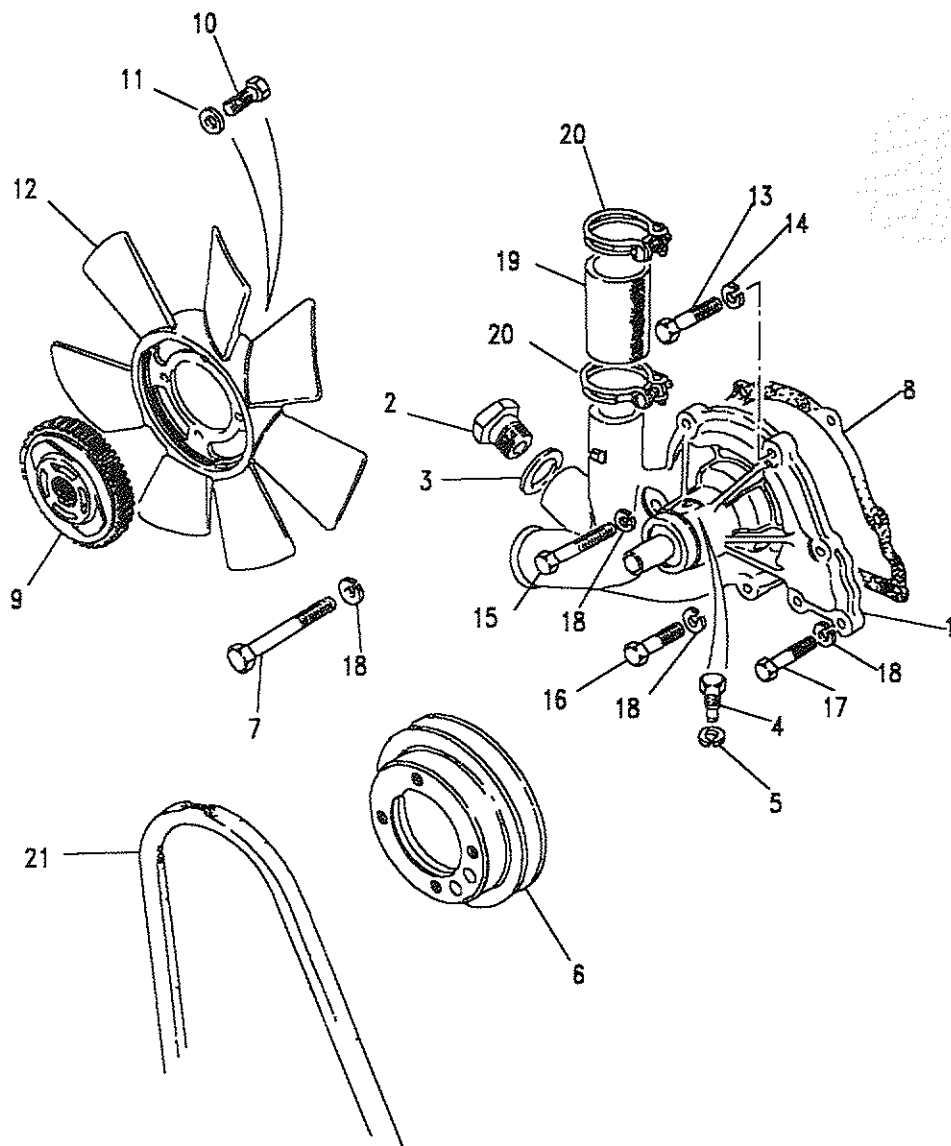
III. Part No.	Description	Qty	Remarks
1	RTC6332	1	Pump water assembly
2	ERC5600	1	Bolt
3	WL106001L	1	Washer spring
4	ERC5655	1	Gasket
5	ETC4785	1	Pulley
6	SH108161L	4	Screw
7	WL108001L	4	Washer spring
8	ERC7489	1	Spacer-pump to fan
9	ERR3380	1	Fan
10	ETC7238	1	Viscous unit
11	4589L	4	Washer
12	ERC5709	4	Bolt
9	ETC6852	1	Fan
10	ETC6841	1	Viscous unit
11	587405	4	Washer
12	SH505051L	4	Bolt
13	FB108061	3	Bolt
14	WL108001L	3	Washer spring
15	BH108151L	1	Bolt
16	BH108161L	2	Bolt
17	BH108171L	1	Bolt
18	WL108001L	4	Washer spring
19	ERC5654	1	Hose-by pass outlet
20	CN100408L	2	Clip-hose
21	ETC7939	1	Belt fan



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ENGINE - WATER PUMP - 2.5 DIESEL TURBO - AIR CON



III. Part No.

Description

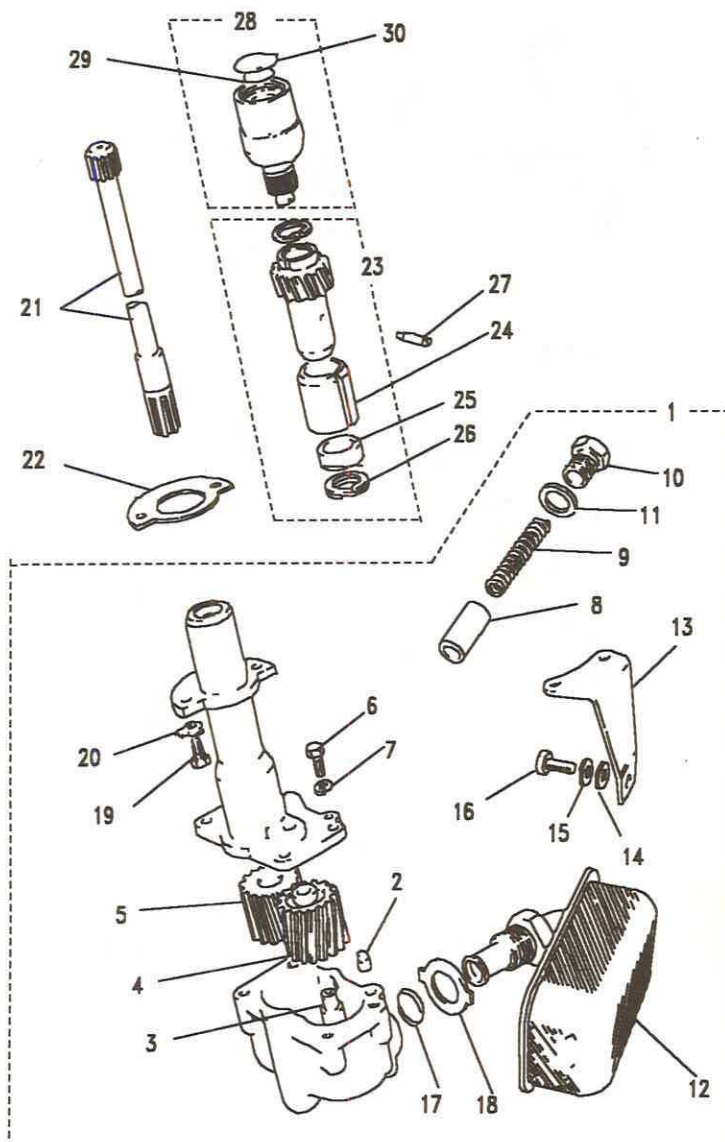
Qty Remarks

1	RTC6332	Pump water assembly	1	
2	ERC7312	Plug	1	
3	232046	Washer joint	1	
4	ERC5600	Bolt special	1	
5	WL106001L	Washer spring	1	
6	ETC4457	Pulley	1	
7	BH106051L	Bolt-pulley to hub	4	
8	ERC5655	Gasket	1	
9	ETC7238	Viscous unit	1	)
10	ERC5709	Bolt	4	)UK/EUROPE
11	4589L	Washer	4	)
12	ERC7834	Fan	1	)
9	ETC6841	Viscous unit	1	)
10	SH505051L	Bolt	4	)R.O.W.
11	587405	Washer	4	)
12	ETC6852	Fan	1	)
13	FB108061	Bolt	3	
14	WL108001L	Washer spring	3	
15	BH108151L	Bolt	1	
16	BH108161L	Bolt	2	
17	BH108171L	Bolt	1	
18	WL108001L	Washer spring	4	
19	ERC5654	Hose-by pass water outlet	1	
20	CN100408L	Clip-hose	2	
21	ERC6504	Belt fan	1	

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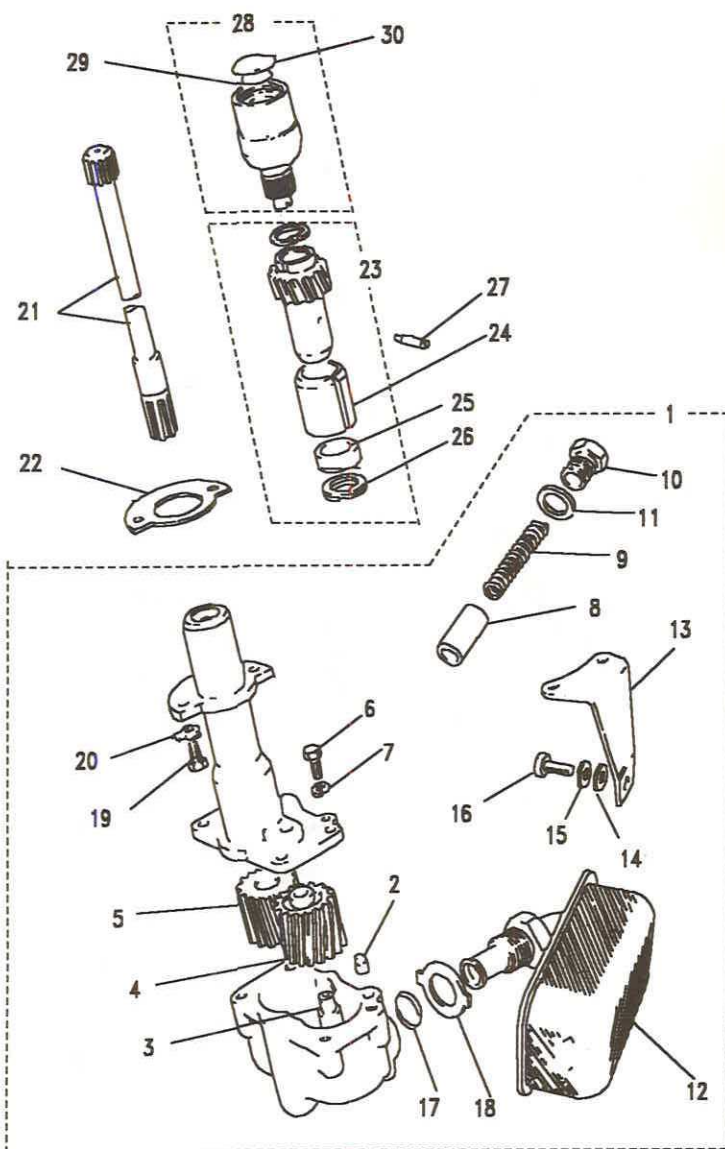
ENGINE - OIL PUMP - 2.5 DIESEL TURBO



III. Part No.	Description	Qty	Remarks
1 ERR1117	Pump oil assembly	1	
2 236257	Dowel	2	
3 ERR1063	Spindle idler wheel	1	
4 ERR1088	Idler wheel	1	
5 ERC9706	Drive wheel	1	
6 FS108201L	Screw cover to block	4	
7 WL108001L	Washer spring	4	
8 ETC4880	Plunger oil relief	1	
9 564456	Spring oil relief	1	
10 564455	Plug oil relief	1	
11 232044	Washer joint	1	
12 ERC7530	Filter	1	
13 ERC7940	Bracket support filter	1	
14 WA108051L	Washer	1	
15 WL108001L	Washer spring	1	
16 FS108201L	Screw	1	

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ENGINE - OIL PUMP - 2.5 DIESEL TURBO



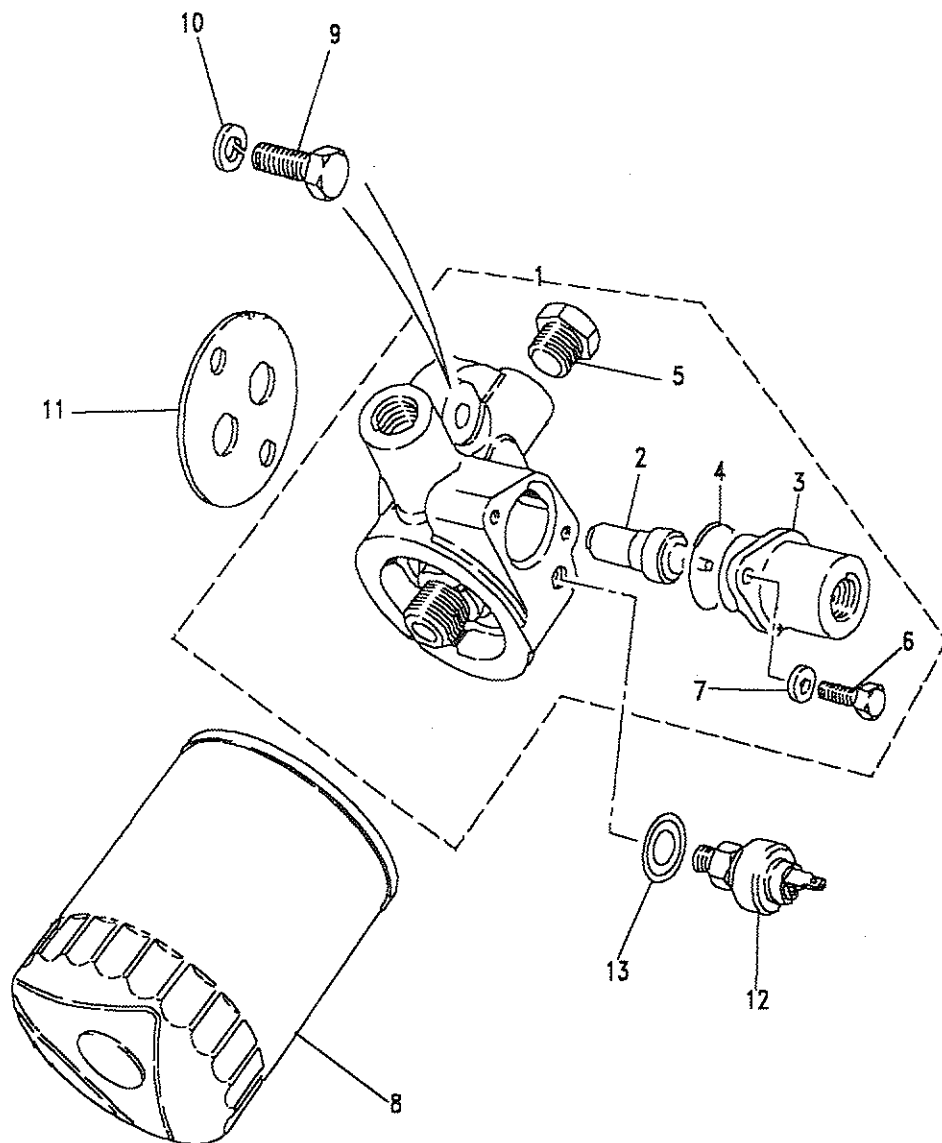
III. Part No.	Description	Qty	Remarks
17 244488	'O'ring	1	
18 244487	Washer lock	1	
19 SH108251L	Screw	2	
20 247665	Washer lock	2	
21 ERR850	Shaft	1	
22 ERC8408	Gasket	1	
ERR3606	Gasket	1	Asbestos free
23 ETC6139	Gear bush assembly	1	Note(1)
24 522745	Bush	1	
25 ETC6137	Washer thrust	1	
26 ETC6138	Ring locking	1	
27 ETC6142	Screw locating shaft	1	
28 ETC4706	Coupling	1	
29 RTC6167	O ring inner	1	
30 RTC6168	O ring outer	1	



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ENGINE - OIL FILTER - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 ERR1347	Adaptor oil assembly	1	
2 ERC5923	Thermostat bulb	1	
3 ETC4022	Adaptor	1	
4 ERC5913	O'ring	1	
5 ETC4021	Plug	1	
PRC4372	Transmitter	1	OPTIONAL
6 SH106141L	Screw	2	
7 WA106041L	Washer	2	
8 ERR3340	Filter oil	1	
9 SH110301L	Screw	2	
10 WL110001L	Washer spring	2	
11 ETC5276	Gasket oil filter	1	
ERR3607	Gasket oil filter	1	Asbestos free
12 PRC6387	Switch oil pressure	1	
13 232039	Washer joint-switch	1	
PRC4043	Transmitter	1	} OPTIONAL
ETC4033	Adaptor oil pressure	1	
ETC4034	Banjo oil pressure switch	1	

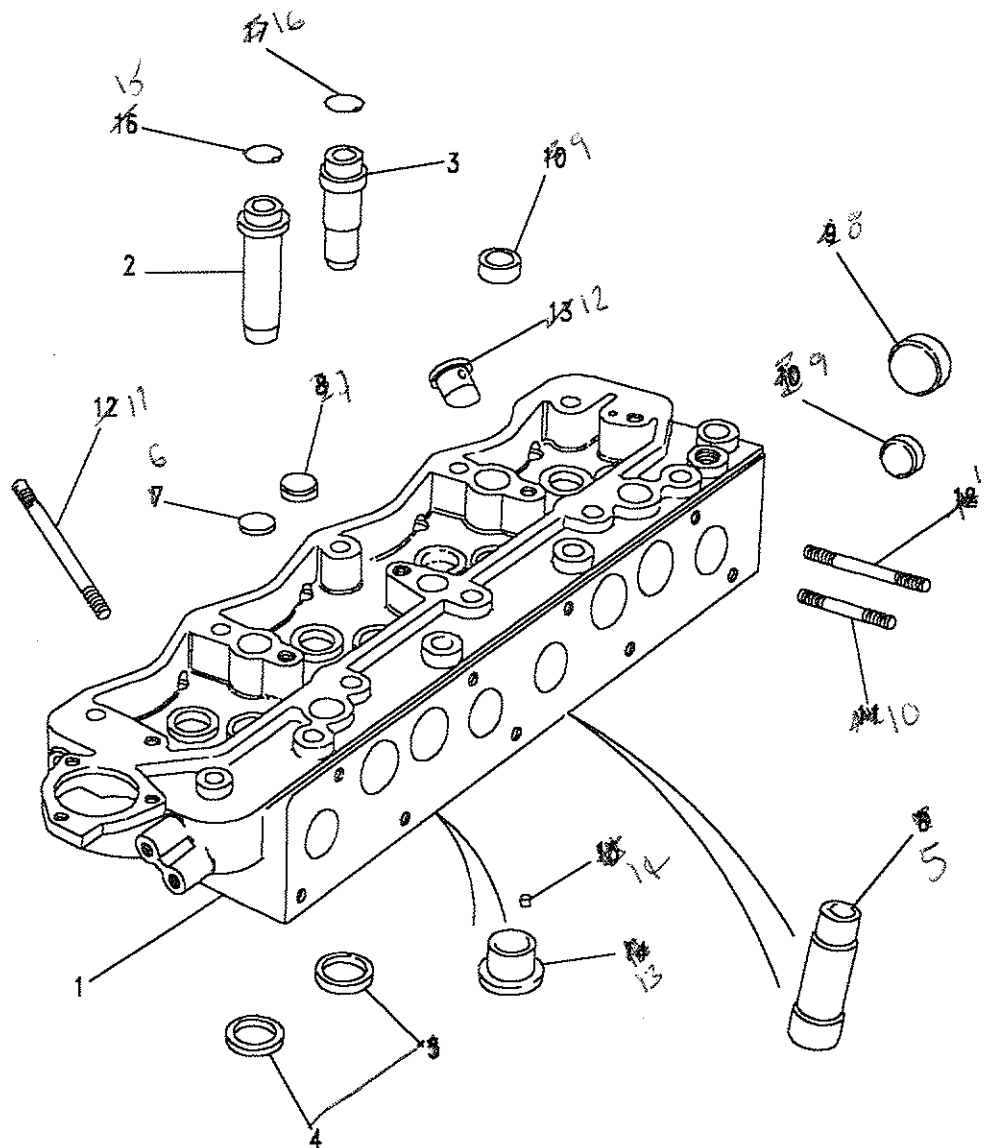


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ENGINE - CYLINDER HEAD - 2.5 DIESEL TURBO

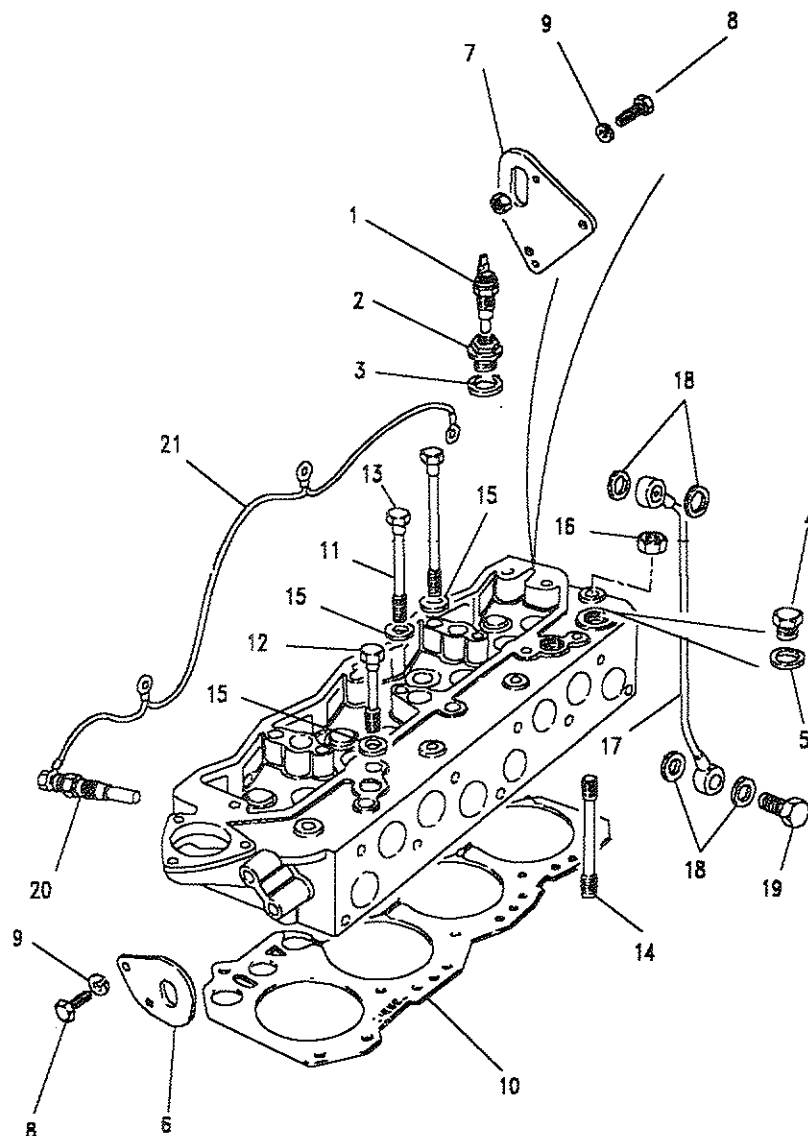
III. Part No.	Description	Qty	Remarks
1 ETC4649	Cylinder head assembly	1	Upto19J25183C
STC803	Cylinder head assembly	1	From19J25184C
2 568688	Guide valve-inlet	4	
ERR2861	Guide valve-inlet	4	Note(1)
3 568689	Guide valve-exhaust	4	
ERR2860	Guide valve-exhaust	4	Note(1)
4 ERC9631	Insert-valve seat-exh	4	
ERR3081	Insert-valve seat-exh	4	Note(1)
ETC4643	Insert-valve seat-inlet	4	
ERR3082	Insert-valve seat-inlet	4	Note(1)
5 ERC8663	Tube-push rod	8	
6 250830	Welch plug	2	
7 525497	Cup plug	9	
8 524765	Cup Plug	1	
9 602289	Cup plug	2	
10 ETC7190	Stud-manifold	1	
11 TE108071L	Stud	8	
12 ERC9501	Shroud injector	4	
13 ETC8620	Hot plug	4	
14 PA105101L	Peg locating-hot plug	4	
15 ERR1510	Seal-inlet valve	4	
16 ETC4751	Seal-exhaust valve	4	

Note(1) Fitted from November 1992



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ENGINE - CYLINDER HEAD - 2.5 DIESEL TURBO

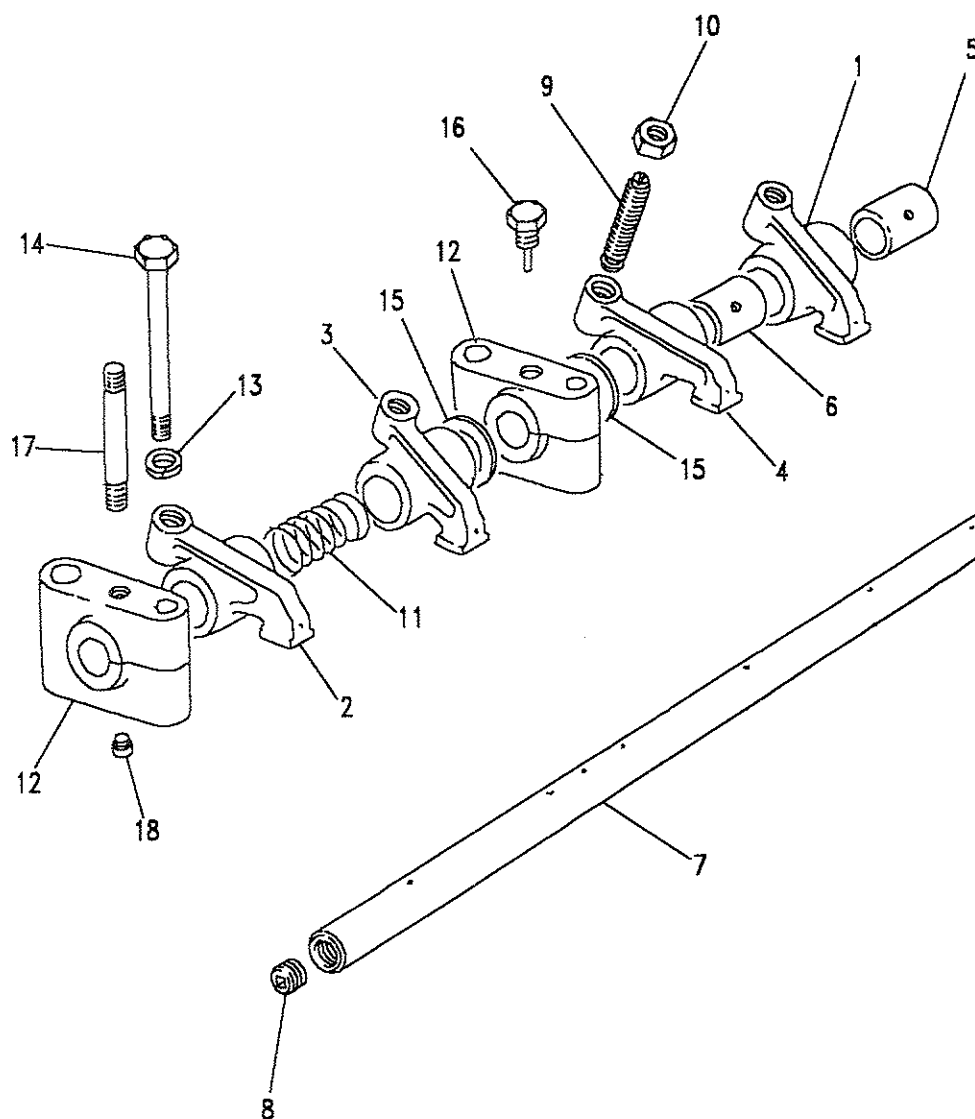


III. Part No.	Description	Qty	Remarks
1 PRC2505	Transmitter-water temp	1	Upto19J25183C
PRC6663	Transmitter-water Temp	1	From19J25184C
2 ERC9432	Adaptor transmitter	1	Upto19J25183C
3 10802070	Washer-adaptor	1	
4 ERC9448	Plug-rear heater hole	1	
RTC6851	Plug	1	From19J25184C
5 AFU1890L	Washer joint-plug	2	
243960	Washer joint	1	From19J25184C
6 ERC2254	Bracket lifting-front	1	
7 ETC5816	Bracket lifting-rear	1	
8 FS108201L	Screw bracket to head	4	
9 WL108001L	Washer spring	4	
10 ERR3618	Gasket-block to head	1	
11 247051	Bolt head to block	9	
12 247683	Bolt head to block	2	
13 247723	Bolt head to block	5	
14 90518466	Stud head to block	2	
15 ERC6821	Washer head to block	18	
16 NH608061L	Nut head to block	2	
17 275679	Pipe-oil lead to rockers	1	
18 ETC6510	Washer joint	4	
19 ETC4498	Bolt banjo	2	
20 ERC8450	Glow plug	4	
21 PRC6295	Cable assembly-glow plugs	1	

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ENGINE - ROCKER SHAFT - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1	ERC9060	2	Rocker arm exhaust RH
2	ERC9059	2	Rocker arm exhaust LH
3	247738	4	Bush exhaust rockers
4	ERC9056	2	Rocker arm inlet RH
5	ERC9055	2	Rocker arm inlet LH
6	247737	4	Bush inlet rockers
7	ERC6341	1	Shaft
8	ERC6337	2	Plug shaft
9	ERC9054	8	Screw tappet adjuster
10	NT108041L	8	Lock nut M8
11	247040	4	Spring
12	ERC9137	5	Bracket rocker shaft
13	WL108001L	5	Washer spring
14	FB108111L	5	Bolt M8x55mm
15	247153	8	Washer rocker shaft
16	ETC4460	1	Screw shaft location
17	TD108091L	3	Stud M8 rocker cover
18	277956	3	Dowel rocker





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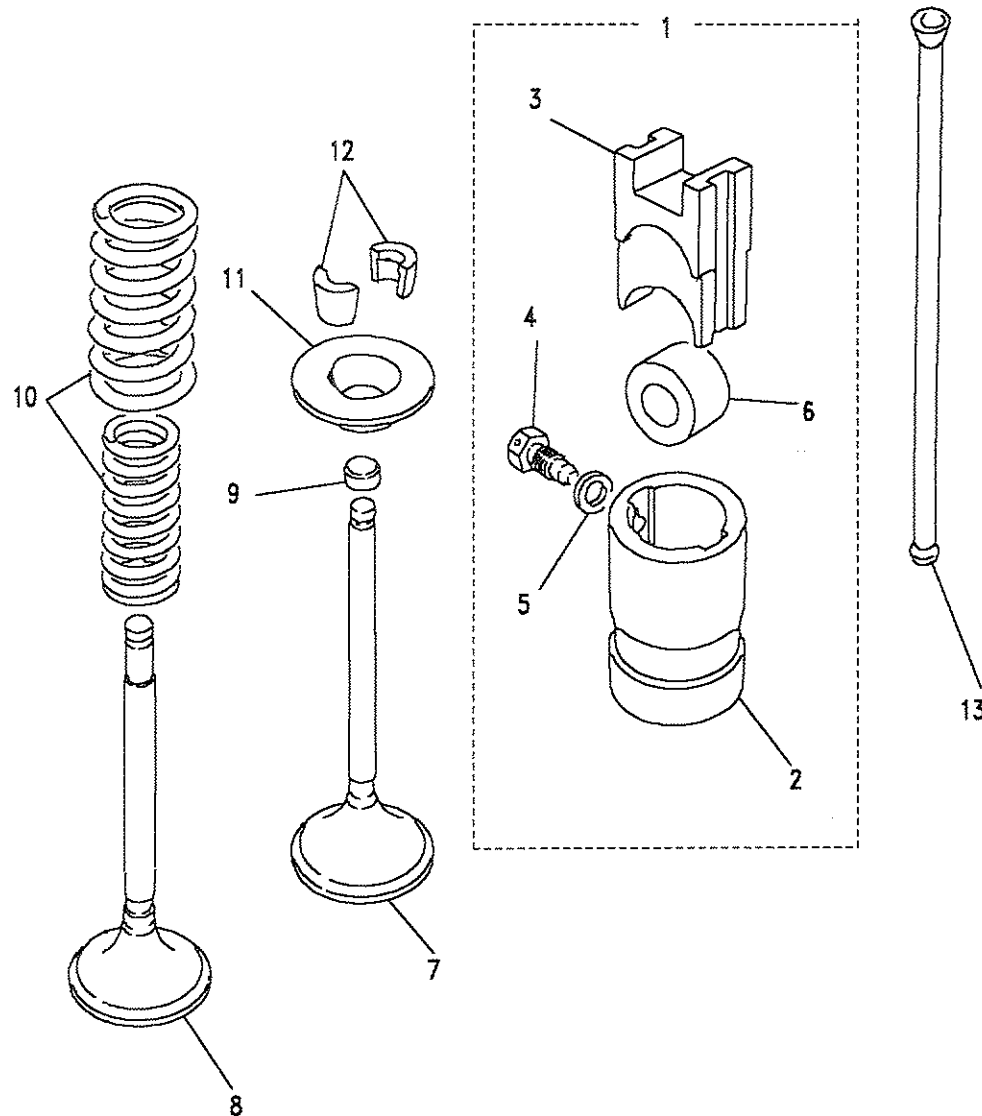
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ENGINE - VALVES AND TAPPETS - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 507829	Tappet assembly	8	
2 502473	Guide tappet	8	
3 ETC4246	Set bolt	8	
4 273069	Washer-tappet guide	8	
5 ERR561	Roller follower	8	
6 ERR607	Tappet slide	8	
7 ETC5739	Valve inlet	4	
8 ETC5740	Valve exhaust	4	
9 ERR4175	Cap-valve stem	8	
10 ERR4640	Spring valve	8	
11 ETC4068	Cup-valve-spring	8	
12 ETC4069	Cotter split	16	
13 546799	Push rod	8	

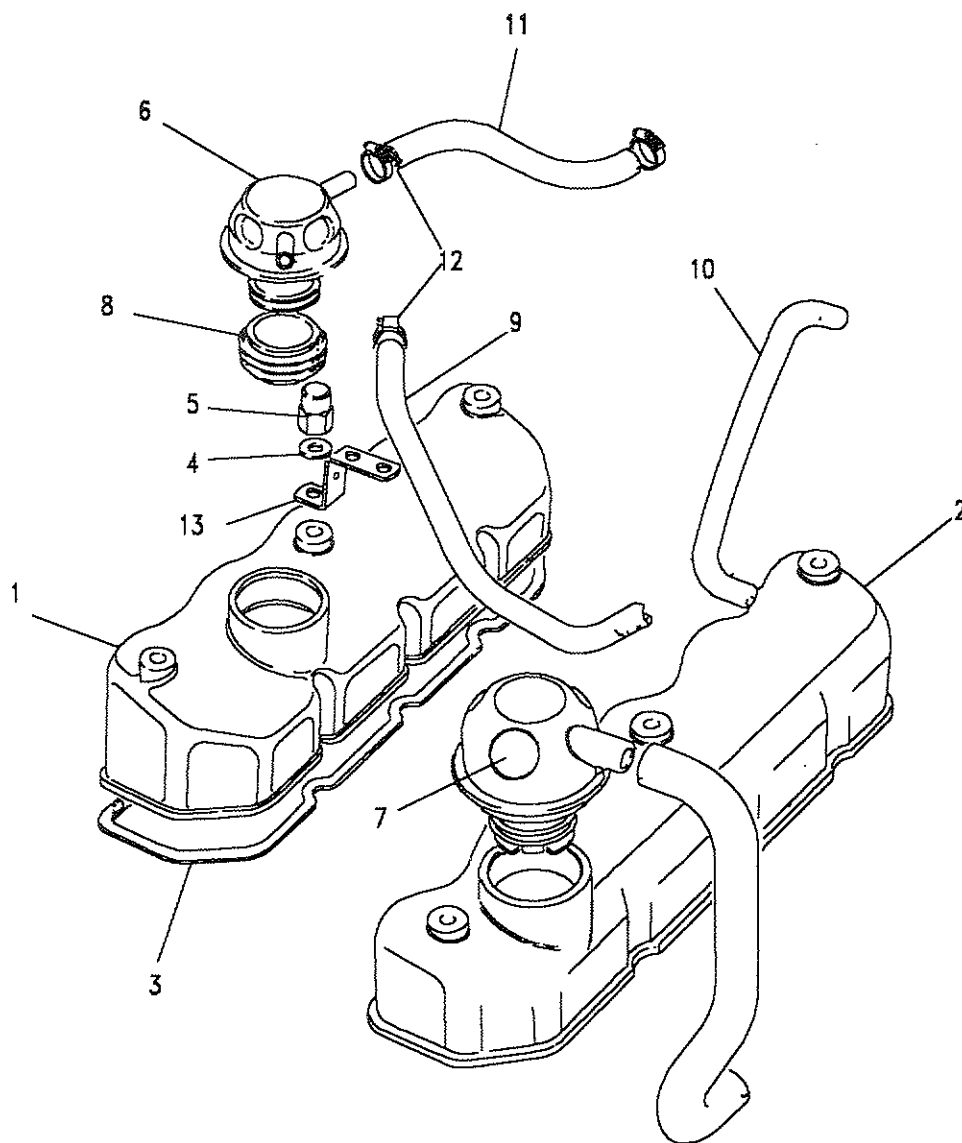


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ENGINE - ROCKER COVER - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 ETC6924	Rocker cover assembly	1	Upto 19J15451C
2 ETC8600	Rocker cover assembly	1	From 19J15452C
3 ETC6438	Gasket-cover to head	1	
4 273069	Washer joint	3	
5 ERC9220	Nut dome	3	
6 ETC7774	Filter breather	1	Upto 19J15451C
7 ETC7909	Filter breather	1	From 19J15452C
8 ERC8049	'O'ring	1	Upto 19J15451C
ERR736	'O'ring	1	From 19J15452C
9 ETC7187	Hose-block to breather	1	Upto 19J15451C
10 ETC8636	Hose-block to cover	1	From 19J15452C
11 ETC7059	Hose-breather to A/C	1	
RRC5728	Hose-breather to A/C	1	Note(1)
12 CJ600224	Hose-clip	2	
13 ETC5588	Bracket-compressor pipe	1	

Note(1) For vehicles with raised air intake.





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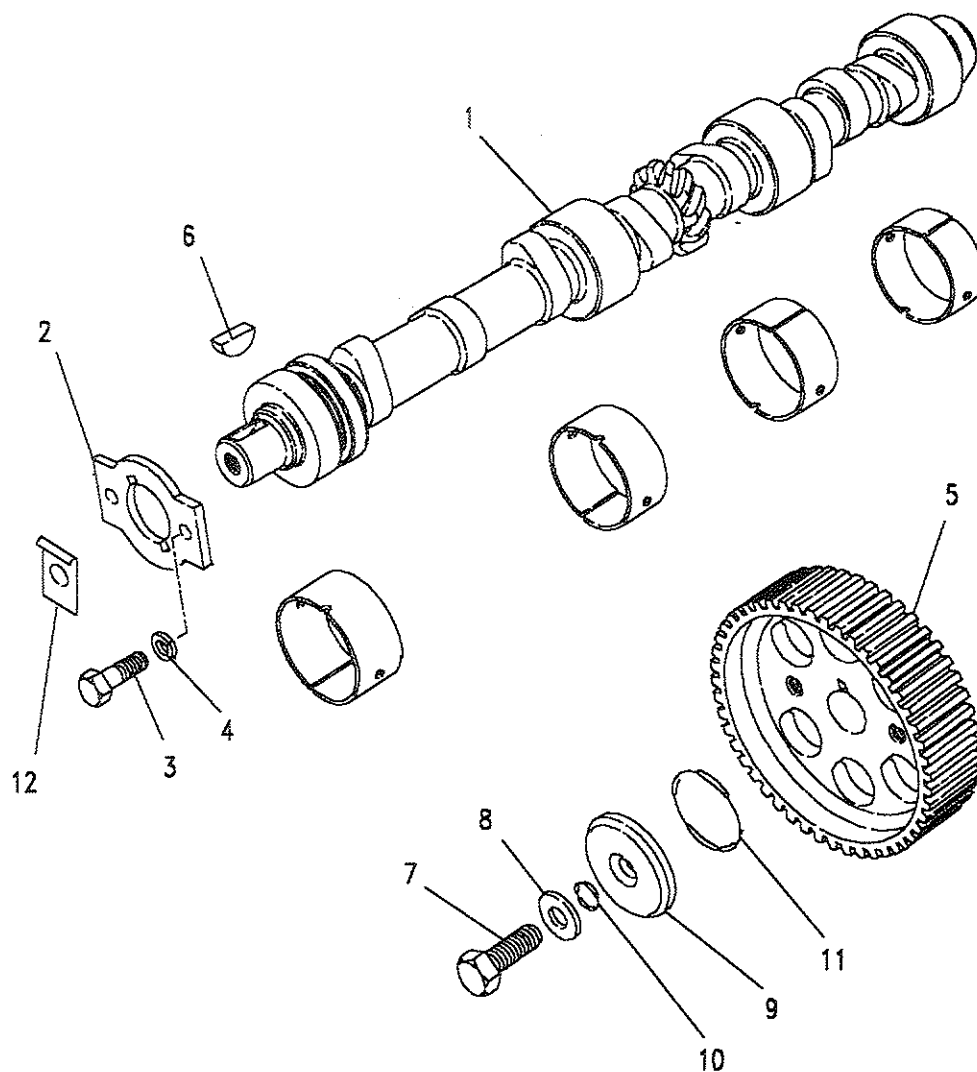
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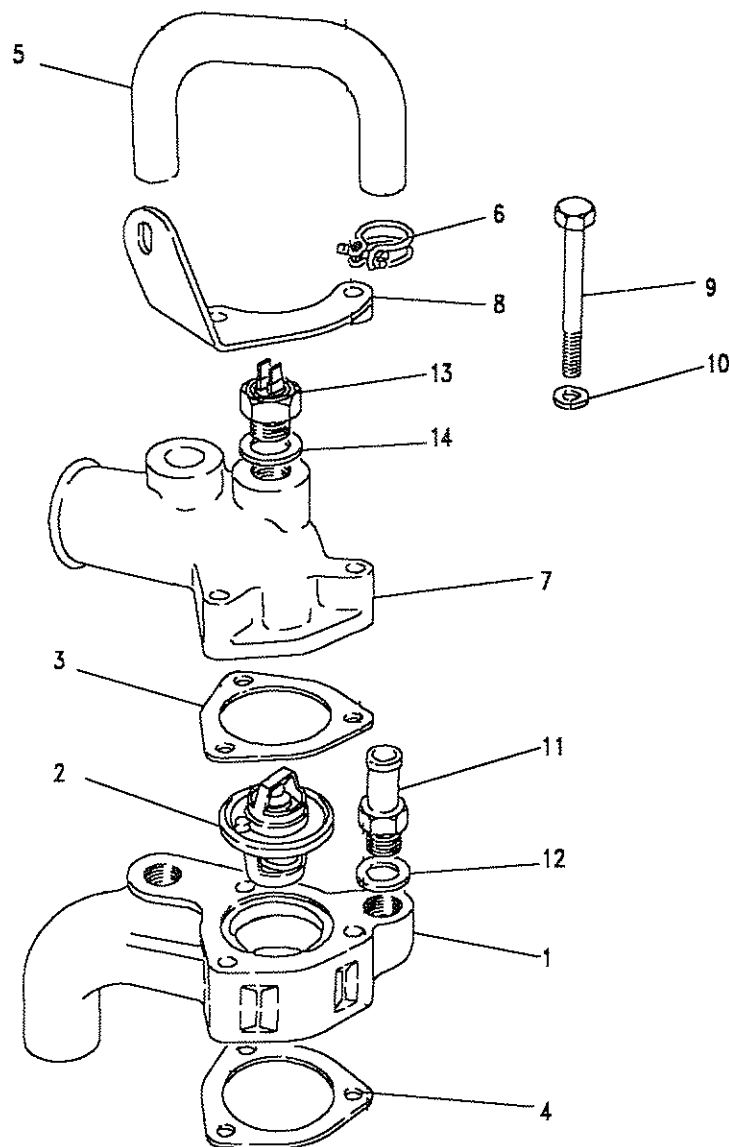
ENGINE

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ENGINE - CAMSHAFT - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 ETC7128	Camshaft	1	
2 ERC1561	Thrust Plate camshaft	1	
3 FS106167	Screw plate to block	2	
4 WL106001L	Washer spring	2	
5 ETC4014	Pulley	1	
6 230313	Key woodruff	1	
7 BX110071L	Bolt	1	
8 ETC4670	Washer	1	
9 ERC8847	Plate retaining	1	
10 ERC8849	'O' ring	1	
11 ETC4076	'O' ring	1	
12 2995	Locker	2	





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ENGINE - THERMOSTAT HOUSING - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 ERC8758	Housing thermostat	1	
2 602687	Thermostat 82o	1	
ETC4761	Thermostat 74o	1	OPTIONAL
3 ERR977	Gasket	1	
ERR3682	Gasket	1	Asbestos free
4 247874	Gasket thermo housing	1	
5 ERC7510	Hose connecting adaptors	1	
6 CN100258L	Clip hose	2	
7 ETC5967	Outlet water connector	1	NON AIR CON
ETC5958	Outlet water connector	1	AIR CON
8 ETC5965	Bracket cowl mounting	1	
9 BH106151L	Bolt cover to head	3	
10 WL106001L	Washer joint	3	
11 624091	Adaptor	2	
12 243959	Washer joint	2	
13 PRC3359	Switch temperature sensor	1	Note(1)
PRC3505	Switch temperature sensor	1	Note(2)
14 C45759L	Washer switches	1	

Note(1) Identified by GREEN paint
 Note(2) Identified by RED paint

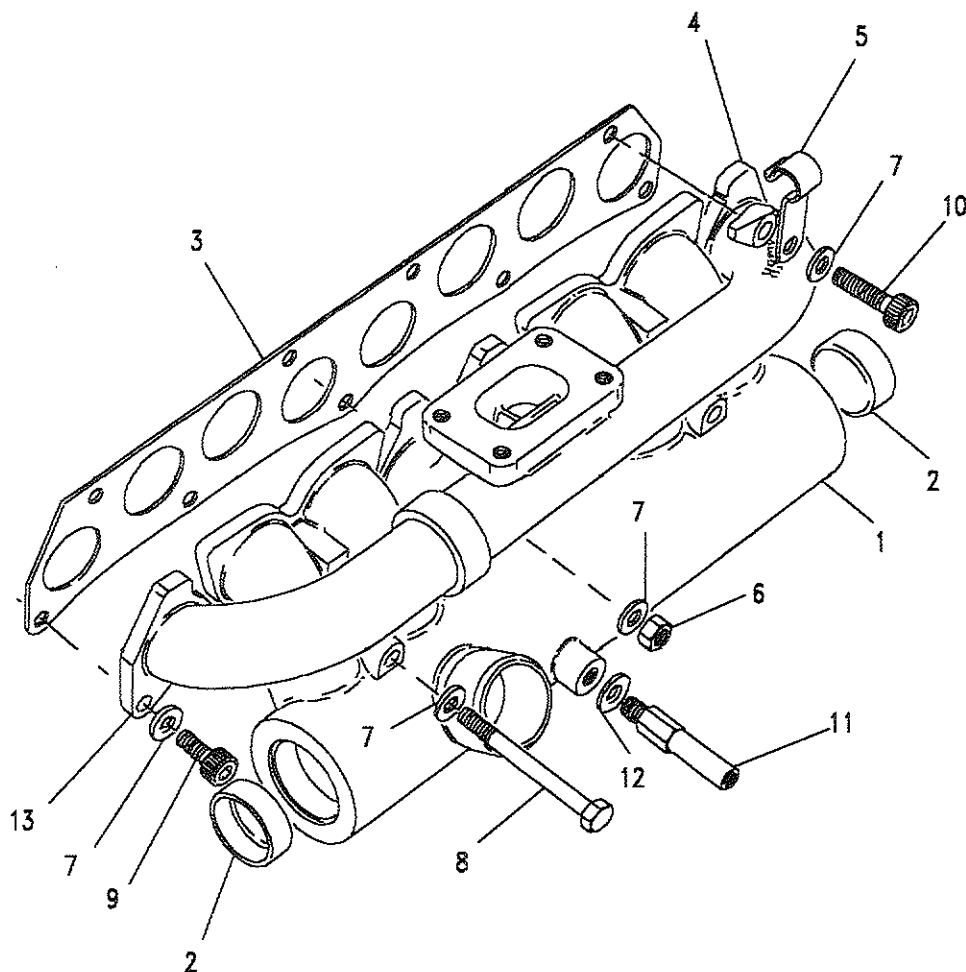
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ENGINE - MANIFOLD - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 ETC6492	Manifold inlet	1	
2 525428	Cup plug	2	
3 ETC7750	Gasket-manifold to head	1	
4 564308	Clamp-manifold to head	4	
5 574654	Clip-manifold clamp	1	
6 NH108065L	Nut	1	
7 WA108051L	Washer	9	
8 ETC6910	Bolt	2	
9 ETC7917	Screw socket M8x35mm	3	Note(1)
ETC7503	Spacer	3	
10 ETC7917	Screw socket M8x35mm	2	
11 ETC7395	Bolt support-heat shield	1	
12 WJ108001L	Washer	2	
13 ETC7633	Manifold exhaust	1	
ETC6970	Stud	2	
NH108065L	Nut	2	

Note(1) Only used on engines up to 19J15397C



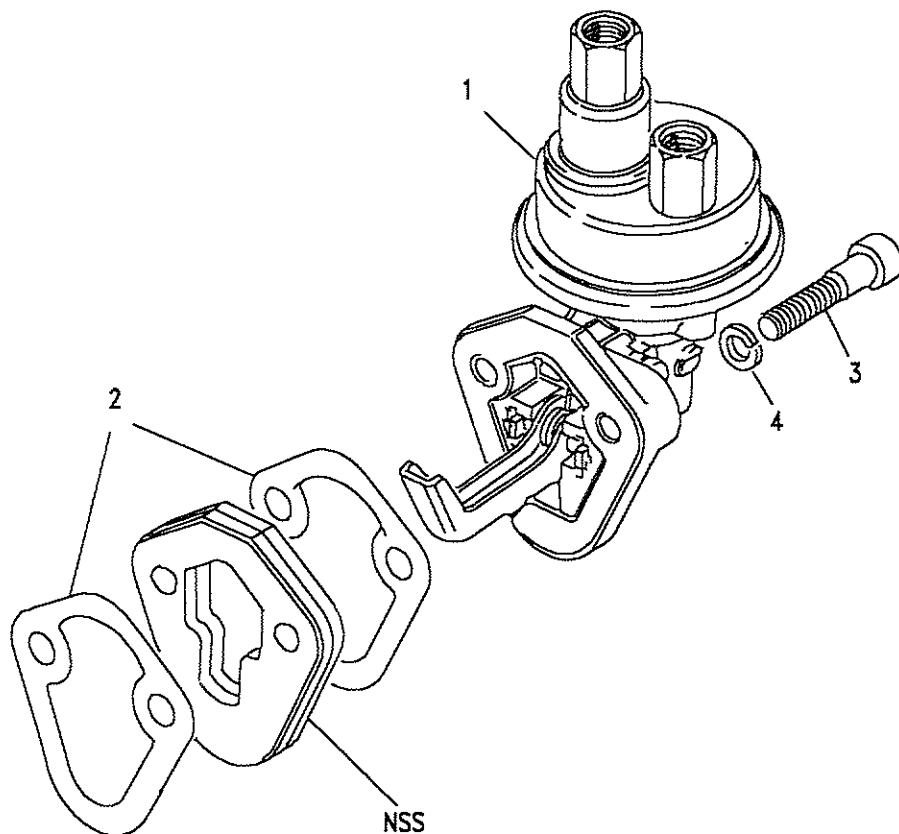


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ENGINE - FUEL PUMP - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 ETC7869	Pump fuel	1	Note(1)
2 ETC7970	Gasket-fuel pump/side cov	1	
3 SS108301L	Screw socket	2	
4 WA108051L	Washer	2	

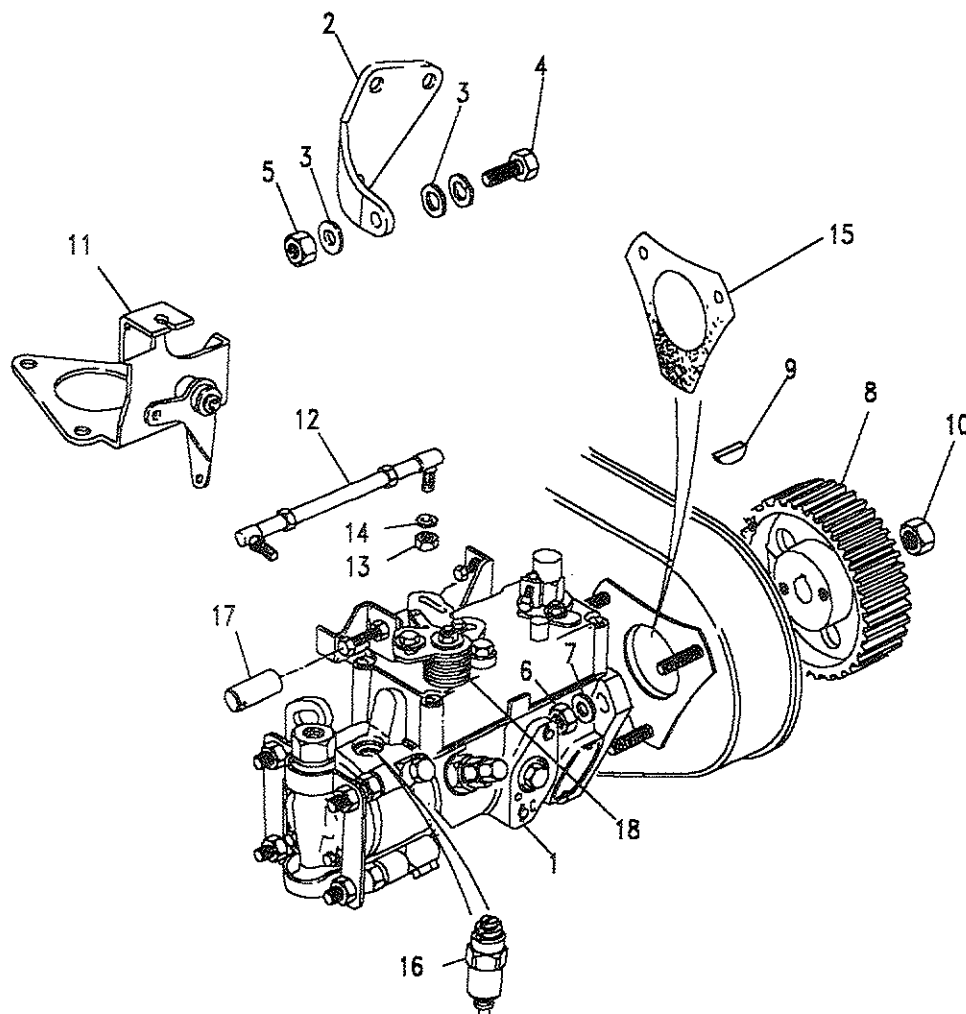
Note(1) Use RTC6180 Fuel Pump Kit up to 19J14097C



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ENGINE - INJECTOR PUMP - 2.5 DIESEL TURBO



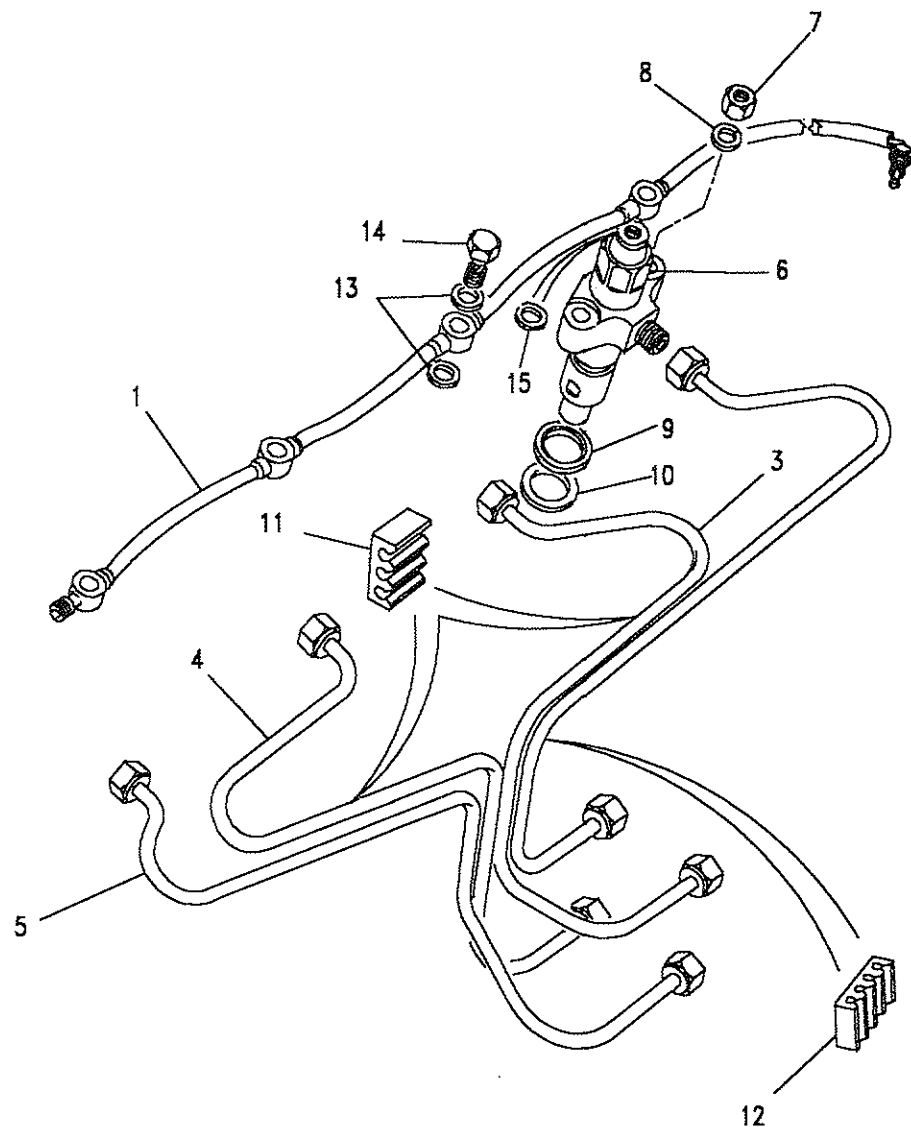
III. Part No.	Description	Qty	Remarks
1 ETC7136	Pump distributor	1	
ETC7136E	Pump distributor-exchange	1	
2 ETC4070	Bracket support pump	1	
3 WA108051L	Washer-pump to bracket	2	
4 SH108251L	Screw-pump to bracket	1	
5 NY108041L	Nut-pump to bracket	1	
6 NH108041L	Nut	3	
7 WA108051L	Washer	3	
8 ETC5717	Pulley	1	
9 RTC5077	Key-pulley	1	
10 NH112041L	Nut-fixing pulley	1	
11 ETC6675	Lever throttle	1	
12 ETC4417	Link throttle assembly	1	
13 NH105041L	Nut	2	
14 WA105001L	Washer	3	
15 ERR3617	Gasket injection pump	1	
16 BAU4611L	Switch-fuel cut off	1	
17 ETC4752	Sleeve-locking speed stop	1	
ETC7091	Bolt banjo	2	
517976	Washer joint	2	
18 RTC5891	Spring-throttle return	1	

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ENGINE - INJECTORS AND PIPES - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 ERR1259	Spill return assembly	1	Note(1)
2 ETC4291	Pipe-injector No.1	1	
3 ETC4292	Pipe-injector No.2	1	
4 ETC4293	Pipe-injector No.3	1	
5 ETC4294	Pipe-injector No.4	1	
6 564332	Injector	4	
564332E	Injector exchange	4	
247726	Nozzle	4	
7 NH108041L	Nut	8	
8 WL108001L	Washer spring	8	
9 12H220L	Washer	4	
10 247179	Washer joint	4	
11 ETC4156	Clip-injector pipes	2	
12 ETC4308	Clip-injector pipes	1	
13 273069	Washer joint	8	
14 273521	Banjo-injectors	4	
15 517976	Washer joint -banjos	4	

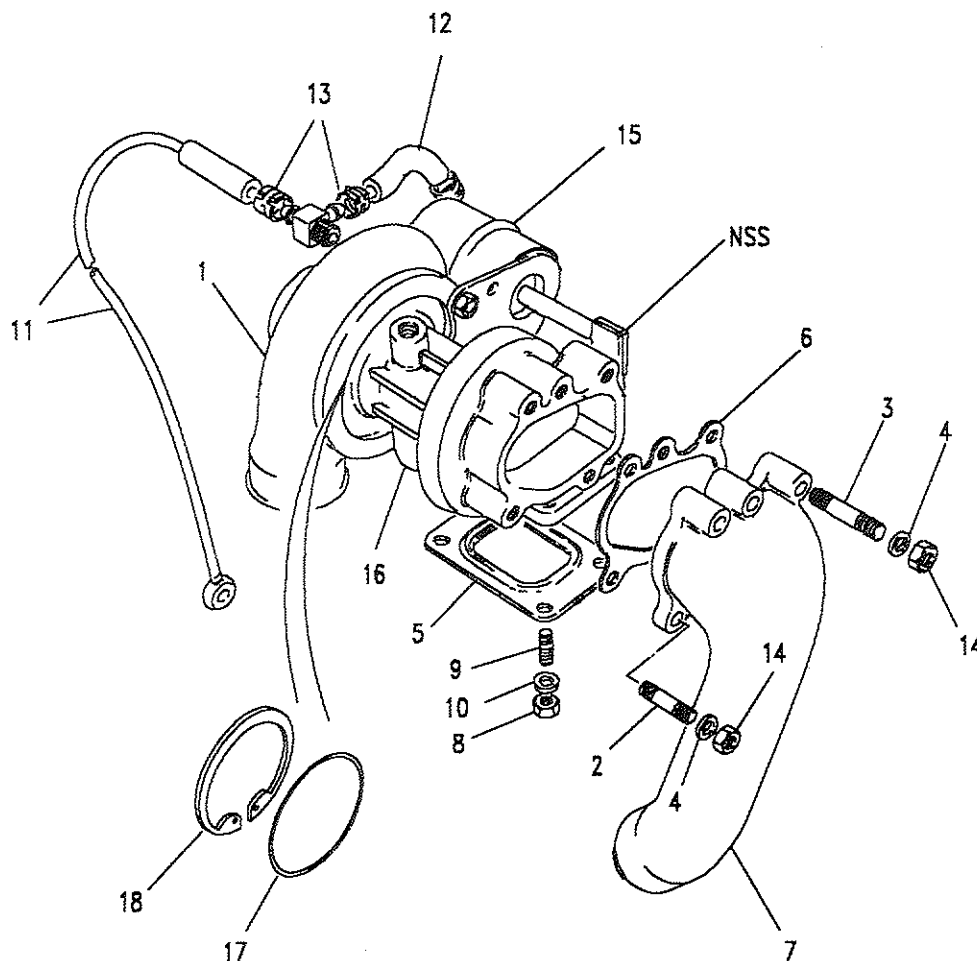
Note(1) ERR1259 screws directly into pump-olive and male nut.



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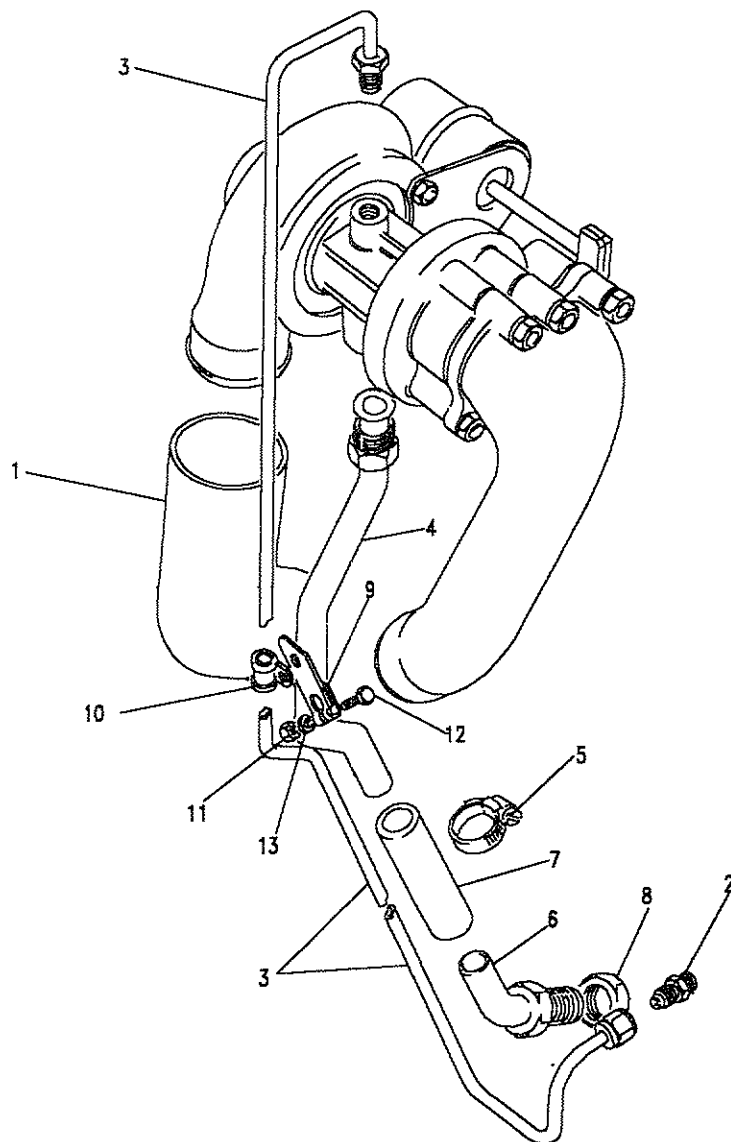
ENGINE - TURBO CHARGER - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 STC99N	Turbo charger	1	
2 STC99E	Turbo charger - exchange	1	
3 RTC6094	Stud-M8x32	1	
4 RTC6093	Stud-M8x48	4	
ERR1125	Bolt banjo-turbo charger	1	
FRC4808	Washer joint	2	
4 WA108051L	Washer-stud	5	
5 ETC5710	Gasket-turbo to exhaust	1	
6 ETC5898	Gasket	1	
7 ETC7058	Elbow-exhaust outlet	1	
8 ETC7184	Nut	4	
9 ETC7667	Stud	4	
10 WA108051L	Washer	4	
ETC7186	Lockplate-fix/exh-man	2	
11 ETC7331	Pipe assembly	1	Upto19J35152C
ERR1260	Pipe assembly	1	From19J35153C
12 RTC5099	Hose comp/to actuator	1	
13 UKC3803L	Hose band	3	
14 NH108041L	Nut-turbo exhaust outlet	4	
15 RTC6543	Actuator assembly	1	
16 RTC6540	Housing centre	1	
17 RTC6541	O ring	1	
18 RTC6542	Snap ring	1	



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ENGINE - TURBO CHARGER - 2.5 DIESEL TURBO

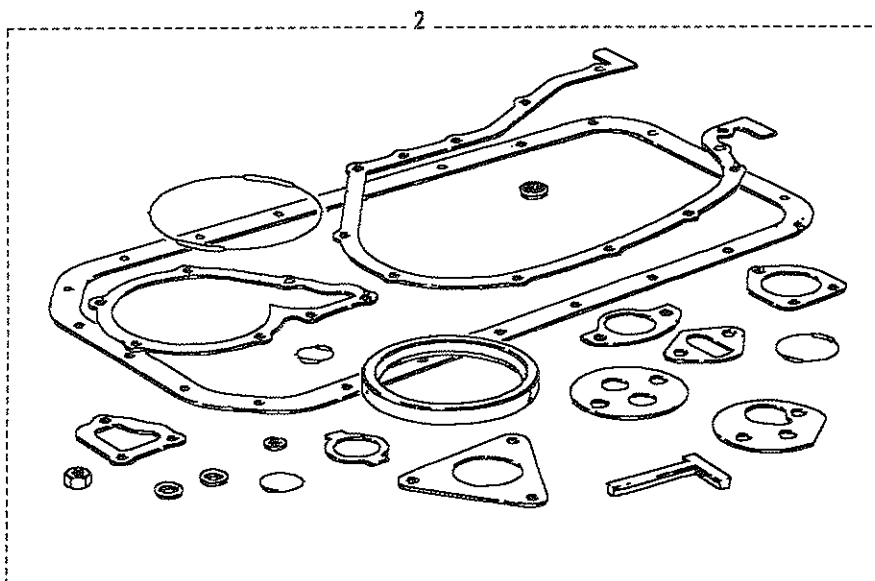
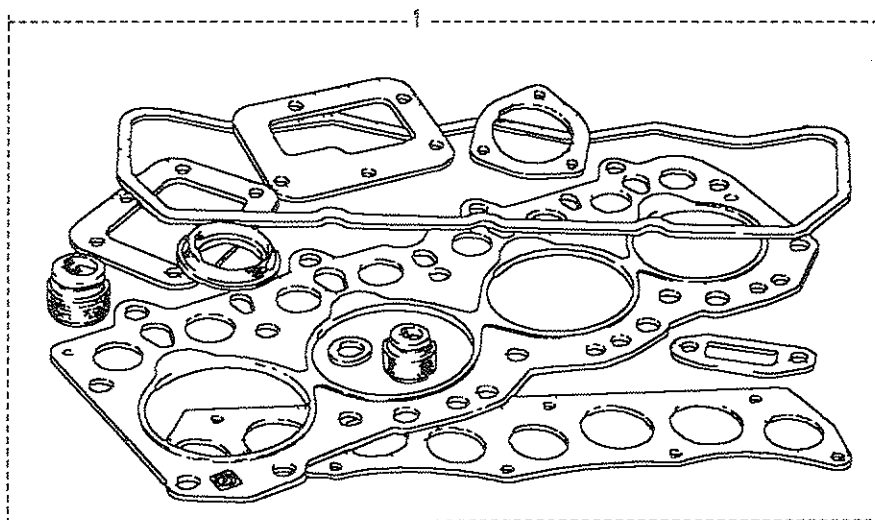


III. Part No.	Description	Qty	Remarks
1 ETC5752	Hose	1	
2 ETC5755	Adaptor	1	
ETC8820	Adaptor	1	From19J29574C
3 ETC7207	Pipe oil feed	1	
ERR3495	Pipe oil feed	1	From19J29574C
4 ETC7654	Pipe oil drain	1	
ERR3494	Pipe oil drain	1	From19J29574C
5 CN100258L	Clip hose	2	
6 ETC6640	Adaptor	1	
ERR335	Adaptor	1	)From19J29574C
ERR896	Washer	1	
CP110161	P Clip	1	
7 ETC6663	Hose-oil drain	1	
UKC3796L	Clamp hose	1	
8 ETC6669	Lock nut	1	
9 ETC8666	Bracket-oil feed pipe	1	
ETC7351	Bracket-oil feed pipe	1	From19J29574C
10 ETC7558	Clip cable	1	
ETC8843	Clip cable	1	From19J29574C
11 NH105041L	Nut	1	
12 SH105251L	Screw	1	
13 WA105001L	Washer	1	

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ENGINE - GASKET KIT - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 RTC5774	Kit gasket decarbonising	1	
2 STC1558	Kit gasket overhaul	1	

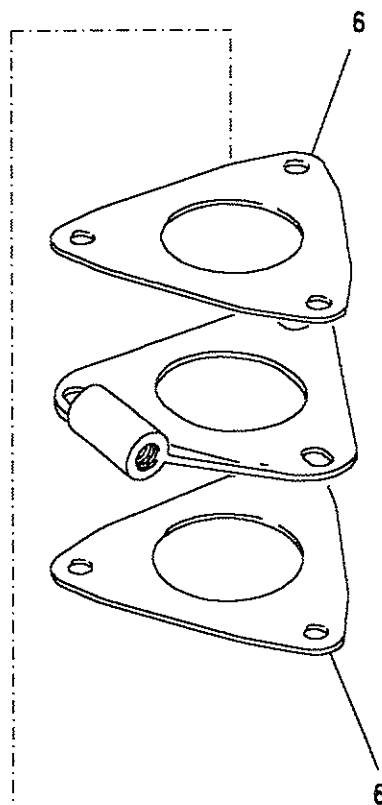
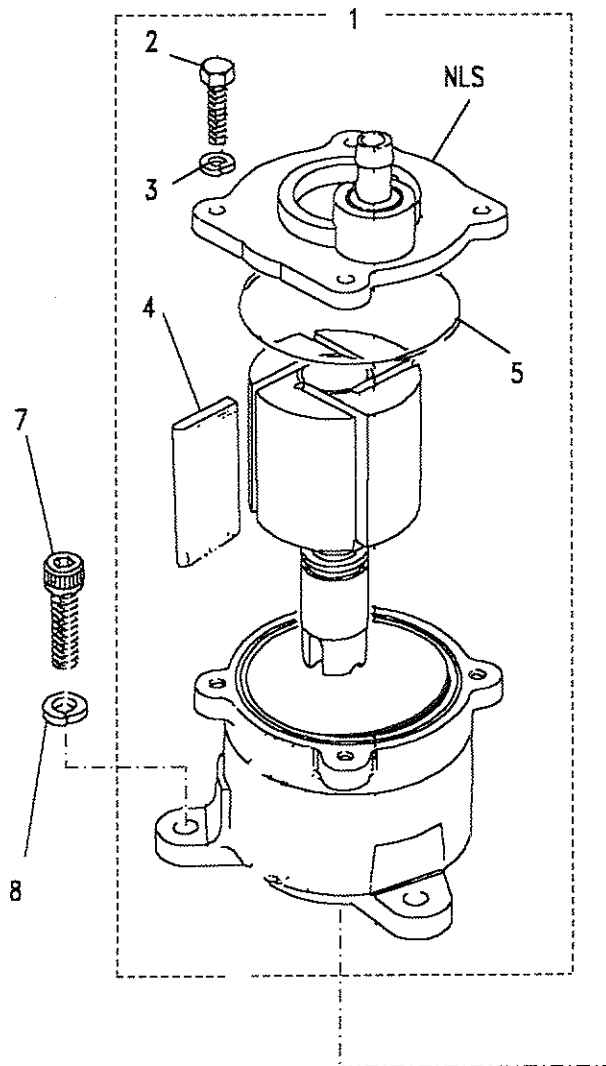


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ENGINE - VACUUM PUMP - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1	ERR535	1	Pump vacuum assembly
2	AEU2720	4	Bolt
3	WL106001L	4	Washer-spring-end/plate
4	AEU2718	4	Blades rotor
5	AEU2719	1	O ring-end plate to body
6	ETC4616	2	Gasket
7	SS108301L	3	Bolt
8	WM600051L	3	Washer

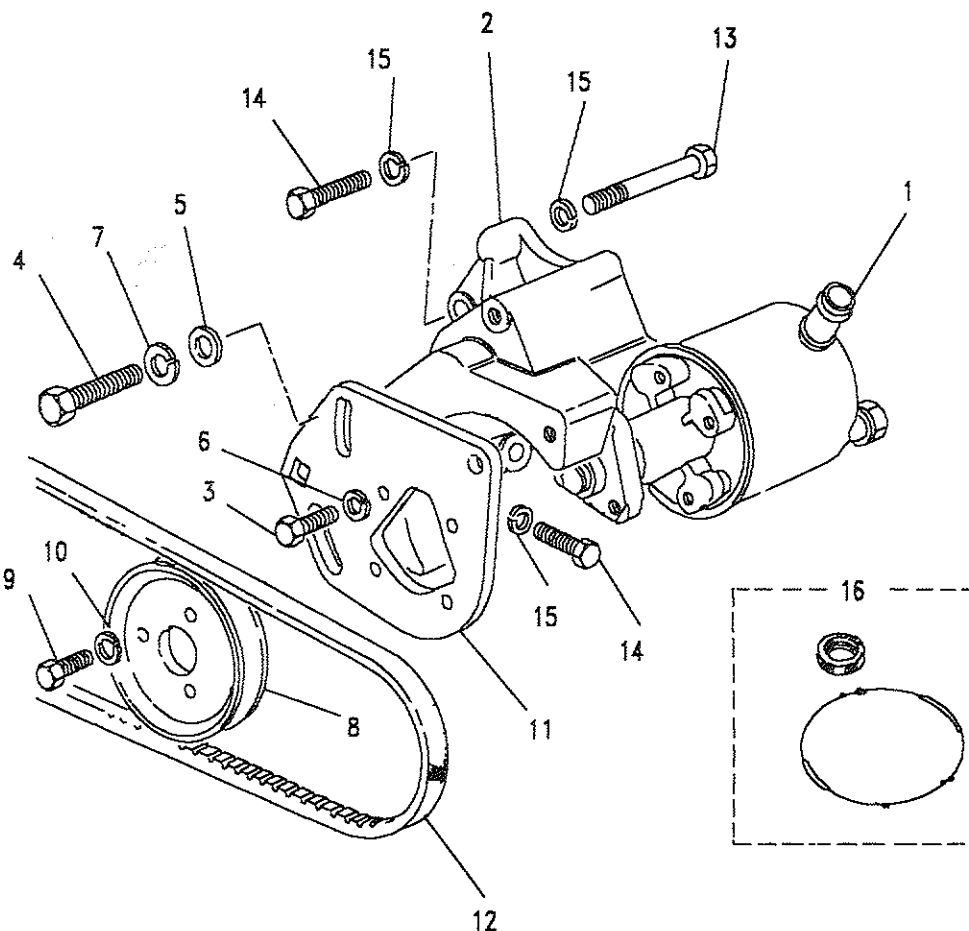


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ENGINE - POWER STEERING PUMP - 2.5 DIESEL TURBO

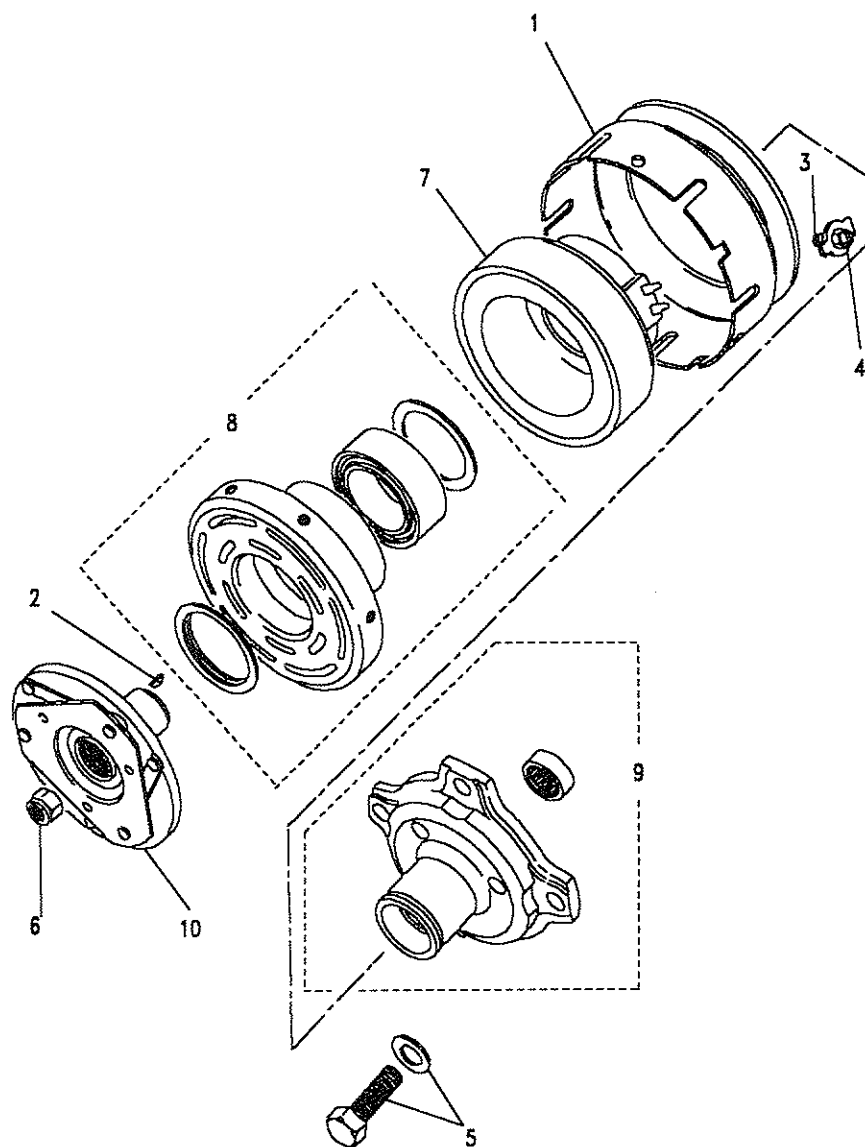
III. Part No.	Description	Qty	Remarks
1 ETC9077	Pump power steering	1	)Upto19J27245C)))
RTC5674	Banjo	1	
RTC5675	Washer sealing	1	
1 NTC8287	Pump power steering	1	
			)From
			)19J27246C
			)Upto JULY 92
NTC9070	Pump power steering	1	From JULY 1992
2 ERC6974	Bracket	1	Upto19J27245C
ETC8854	Bracket	1	From19J27246C
3 FS106201L	Flange screw	4	
4 SH108251L	Screw-pump to bracket	3	
5 WA108051L	Washer-pump to bracket	2	
6 WL106001L	Washer spring	4	
7 WL108001L	Washer spring	3	
8 ETC5783	Pulley	1	
9 SH108141L	Screw-pulley to pump	3	
10 WL108001L	Washer spring	3	
11 ERR1976	Plate mounting	1	Upto JULY 1992
ERR2605	Plate mounting	1	From JULY 1992
12 ETC5815	Belt-power steering pump	1	
13 BH108181L	Bolt	1	
14 SH108251L	Screw	2	
SH108301L	Screw	1	
15 WL108001L	Washer spring	4	
16 STC1633	Kit seal (ETC9077)	1	



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ENGINE - AIR CONDITIONING COMPRESSOR - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
ERC6480	Compressor assembly	1	
1 AEU1782	Pulley Rim	1	
2 AEU1694	Key clutch hub	1	
3 AEU1780	Screw rim mounting	6	
4 AEU1779	Washer rim mounting	6	
5 AEU1784	Screw	4	
6 AEU1775	Nut shaft	1	
7 AEU1778	Coil	1	
8 AEU1777	Rotor	1	
9 AEU1785	Bearing assembly	1	
10 AEU1776	Clutch assembly	1	



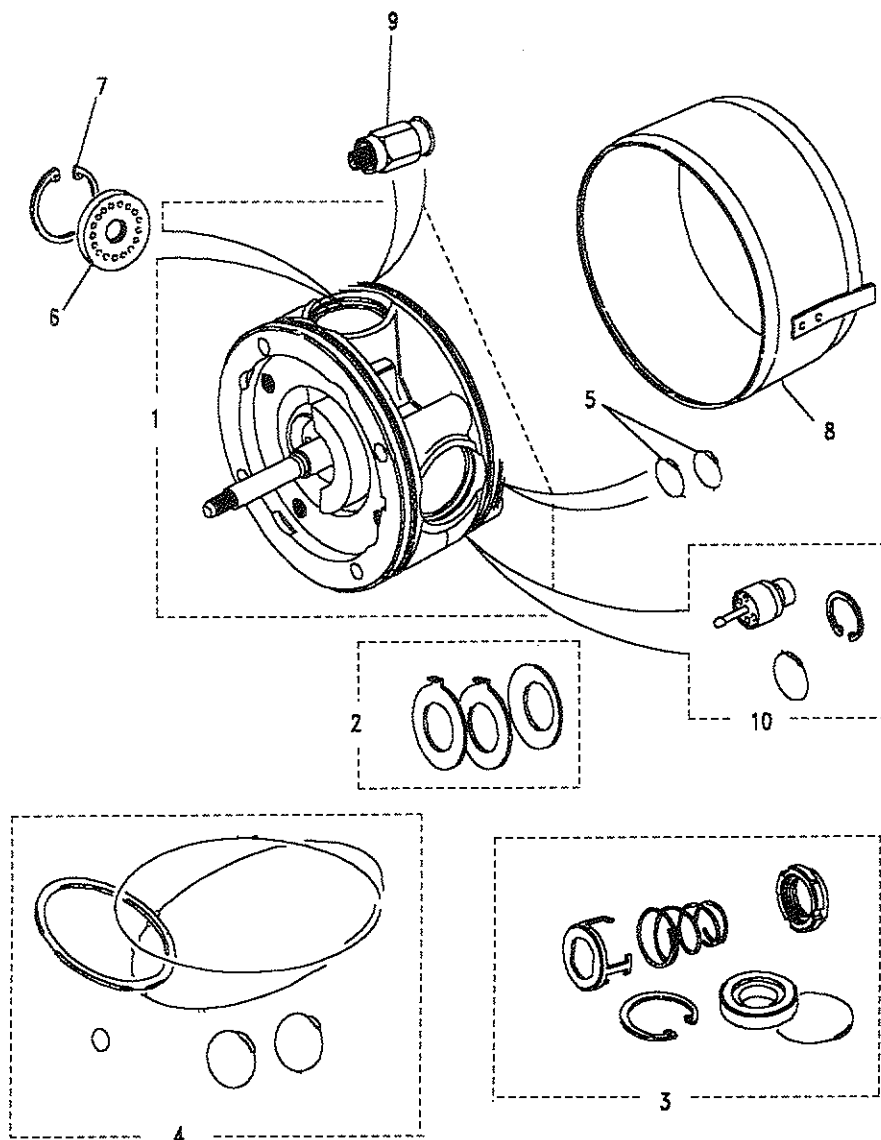


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ENGINE - AIR CONDITIONING COMPRESSOR - 2.5 DIESEL TURBO

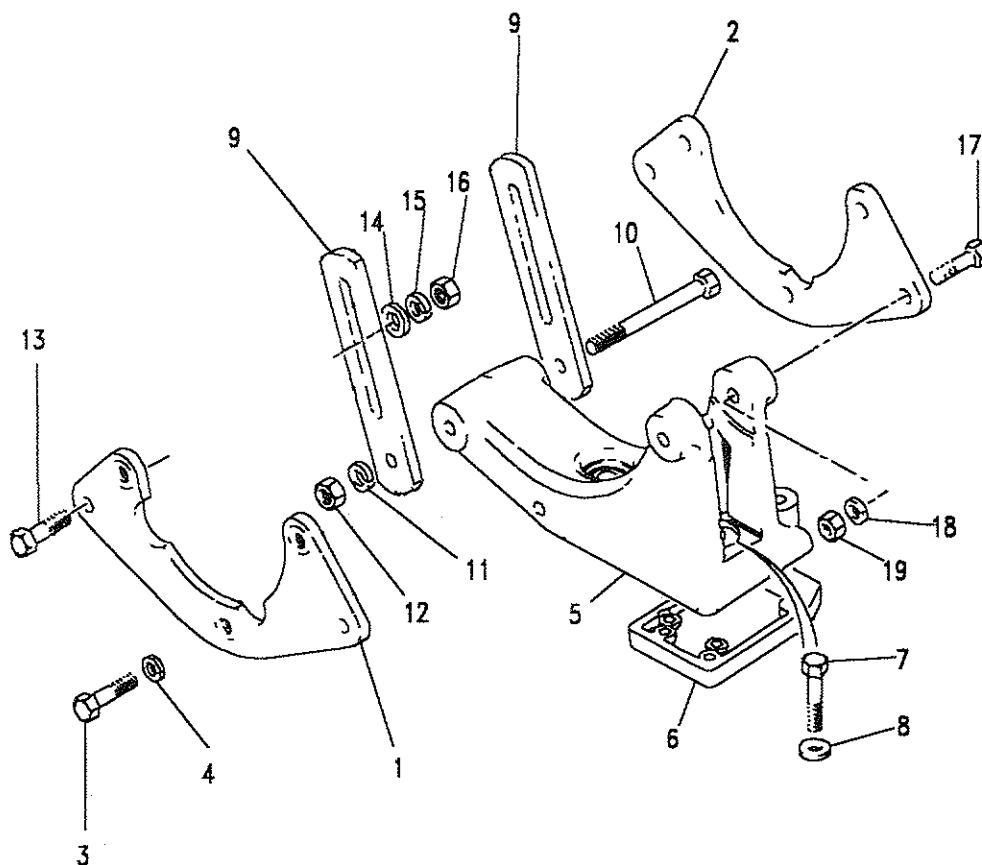
III. Part No.	Description	Qty	Remarks
ERC6480	Compressor assembly	1	
1 AEU1792	Kit cylinder/shaft assy	1	
2 AEU1791	Kit thrust washers	1	
3 AEU1790	Kit shaft seal	1	
4 AEU1192	Kit 'O'rings	1	
5 AEU1690	'O'rings	2	
6 AEU1788	Valve plate assembly	4	
7 AEU1787	Ring retaining	4	
8 AEU1786	Shell assembly	1	
9 AEU1689	Valve pressure	1	
10 AEU1688	Kit superheat switch	1	
ETC4371	Belt driving	1	
AEU1691	Oil 525 Vis/2pt (1136ml)	A/R	



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ENGINE - COMPRESSOR FIXINGS - 2.5 DIESEL - TURBO



III. Part No.	Description	Qty	Remarks
1	ERC7082	1	Plate mounting front
2	ERC5152	1	Plate mounting rear
3	BH110201L	3	Bolt compressor to plate
4	WL110001L	3	Washer spring
5	ETC4882	1	Bracket
6	ETC4197	1	Plate adaptor bracket
7	BH110101L	4	Bolt bracket to cover
8	WA110061L	4	Washer
9	ERC5155	2	Adjusting link
10	BH108181L	1	Bolt link to bracket
11	WL108001L	1	Washer spring
12	NH108041L	1	Nut
13	SH108251L	2	Screw link to plate
14	WA108051L	2	Washer
15	WL108001L	2	Washer spring
16	NH108041L	2	Nut
17	FB108081L	2	Bolt bracket to plate
18	WL108001L	2	Washer spring
19	NH108041L	2	Nut



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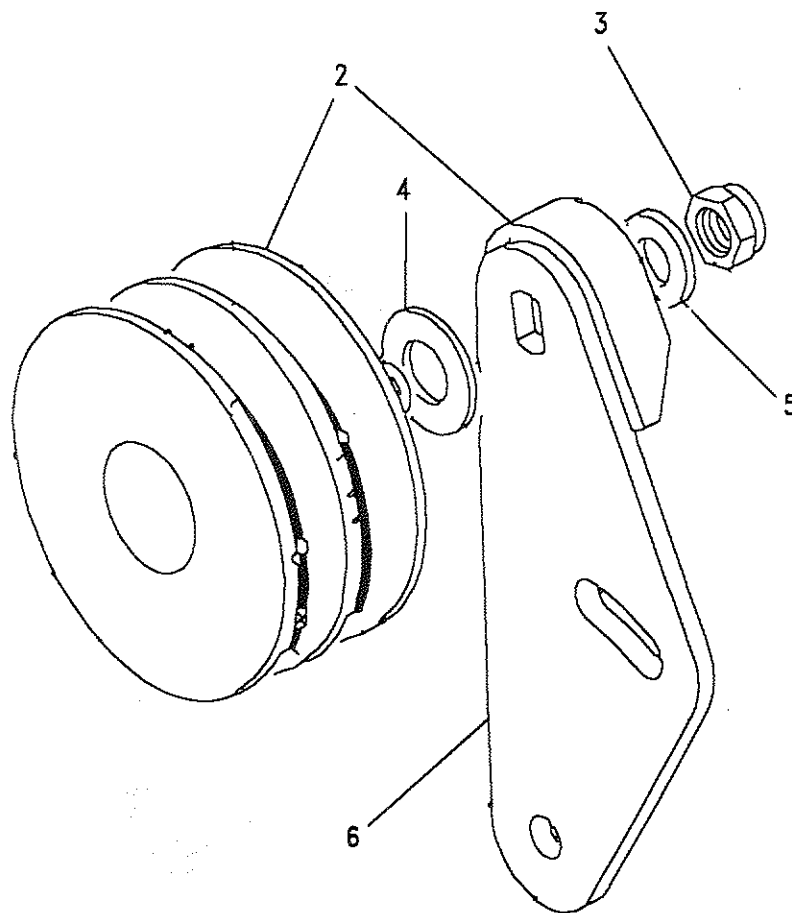
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ENGINE - AIR CON IDLER PULLEY - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 ETC7756	Pulley damper assembly	1	
2 554971	Pulley	1	
3 RTC6077	Nut	1	
4 4095	Washer plain	1	
5 WB108051L	Washer plain	1	
6 ETC4212	Plate mounting	1	

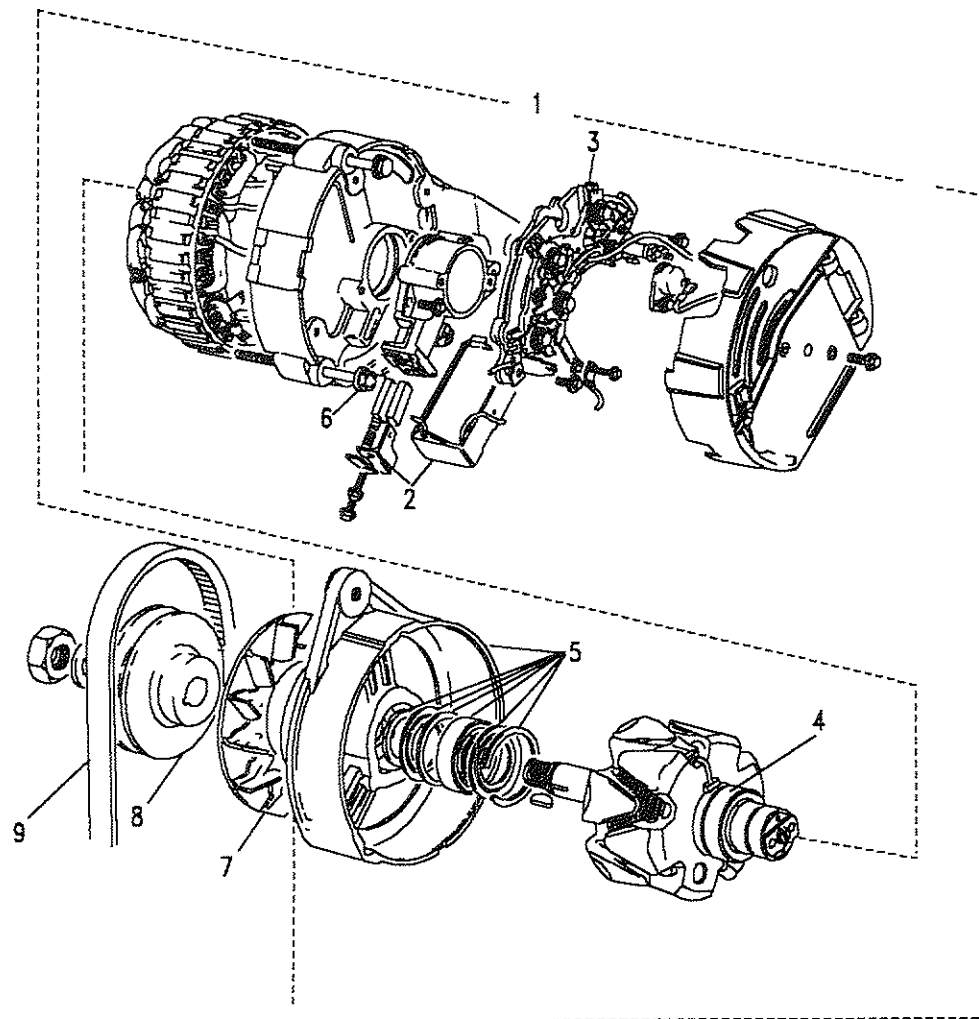


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ENGINE - ALTERNATOR - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 RTC5682N	Alternator A127/45AMP	1	Note(1)
RTC5682E	Alternator A127/45AMP	1	
2 RTC5670	Regulator and brush box	1	
3 RTC5684	Rectifier	1	
4 RTC5047	Bearing slip ring end	1	
5 RTC5687	Bracket & bearing drive	1	
6 RTC5046	Kit through bolts	1	
7 RTC5685	Fan	1	
8 RTC5686	Pulley	1	
9 ETC7939	Belt fan	1	
RTC5689	Spacer pulley	1	

Note(1) LUCAS number 24199

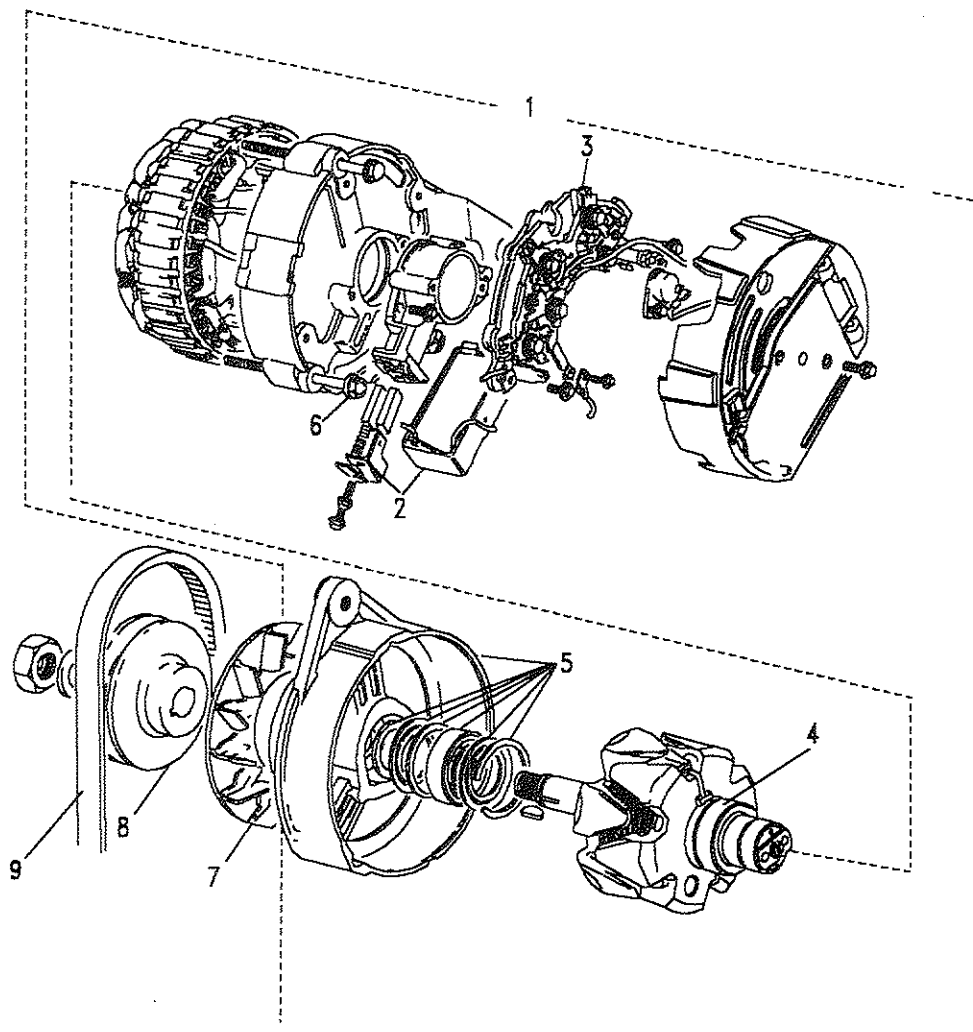


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Page ADBHPC2A

ENGINE - ALTERNATOR - 2.5 DIESEL TURBO - AIR CON

III. Part No.	Description	Qty	Remarks
1 RTC5680N	Alternator A127/65AMP	1	Note(1)
RTC5680E	Alternator A127/65AMP	1	
2 RTC5670	Regulator and brush box	1	
3 RTC5671	Rectifier	1	
4 RTC5047	Bearing slip ring end	1	
5 RTC5687	Bracket & bearing-drive	1	
6 RTC5046	Kit through bolts	1	
7 AAU2249L	Fan alternator	1	
8 RTC5686	Pulley	1	
9 ETC7939	Belt fan	1	
RTC5689	Spacer pulley	1	

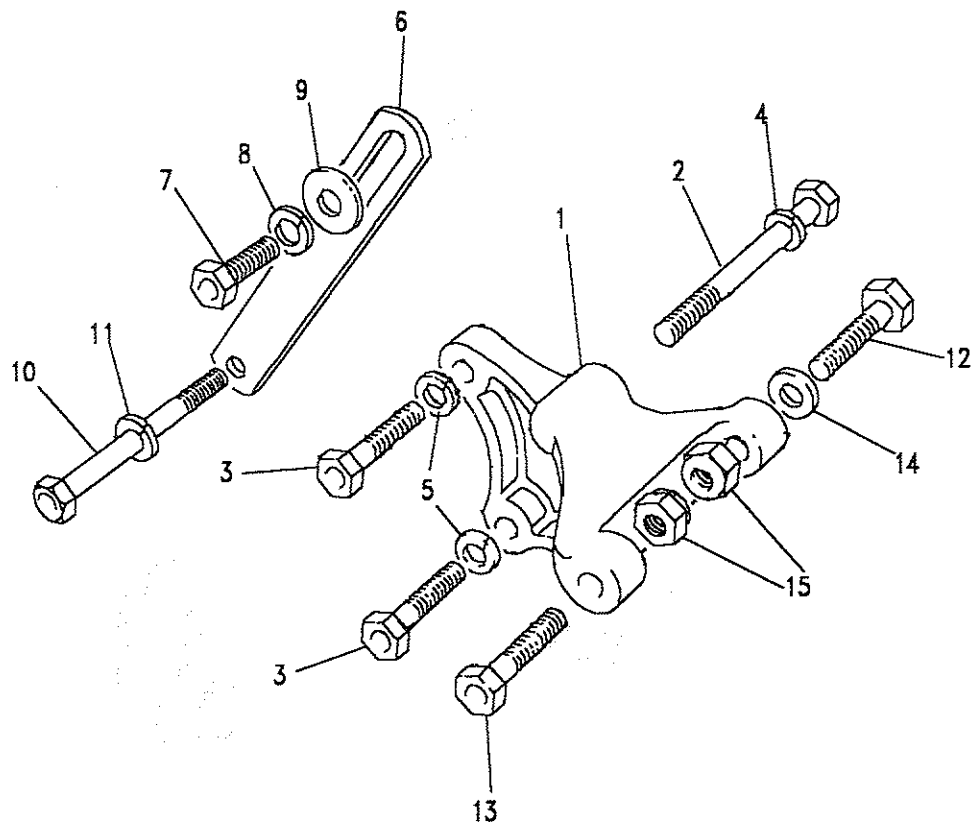
Note(1) LUCAS number 24220



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Page ADBHPC3A

ENGINE - FIXINGS ALTERNATOR - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1 ETC4357	Bracket Mounting	1	
2 BH108161L	Bolt bracket to block	1	
3 SH110301L	Bolt bracket to block	2	
4 WL108001L	Washer spring	1	
5 WL108001L	Washer spring	2	
6 ERC5139	Link adjusting	1	
7 FS108201L	Screw link to alternator	1	
8 WL108001L	Washer spring	1	
9 2266L	Washer	1	
10 ERC8964	Bolt link to block	1	
11 WL108001L	Washer spring	1	
12 FB108081L	Bolt bracket to block	1	
13 BH108091L	Bolt bracket to block	1	
16 ERC7974	Spacer	1	
14 WC108051L	Washer	1	
15 NY108041L	Nut nyloc	2	





DEFENDER 90

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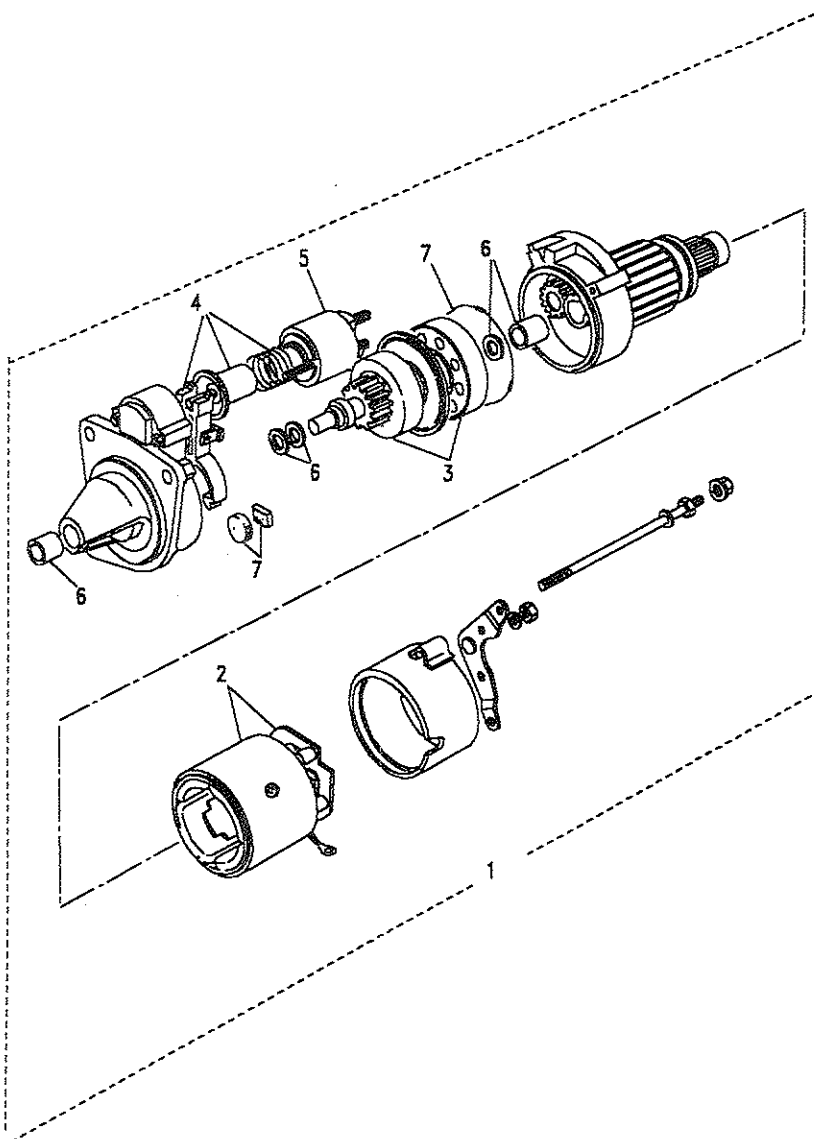
ENGINE

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ENGINE - STARTER MOTOR - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
Used up to JAN 1993			
1 PRC5109N	Starter motor	1	PARIS RHONE
PRC5109E	Starter motor exchange	1	
2 RTC4981	Inductor	1	
3 RTC4982	Pinion drive assembly	1	
4 RTC4979	Lever shift assembly	1	
5 RTC4978	Solenoid	1	
6 RTC4980	Kit repair	1	
7 RTC4983	Kit gasket	1	
PRC5538	Earth cable	1	
SH110301L	Screw-starter to flywheel	1	
NH110041L	Nut-starter to flywheel	2	
WL110001L	Washer spring	3	
BH110091L	Bolt-starter to flywheel	4	

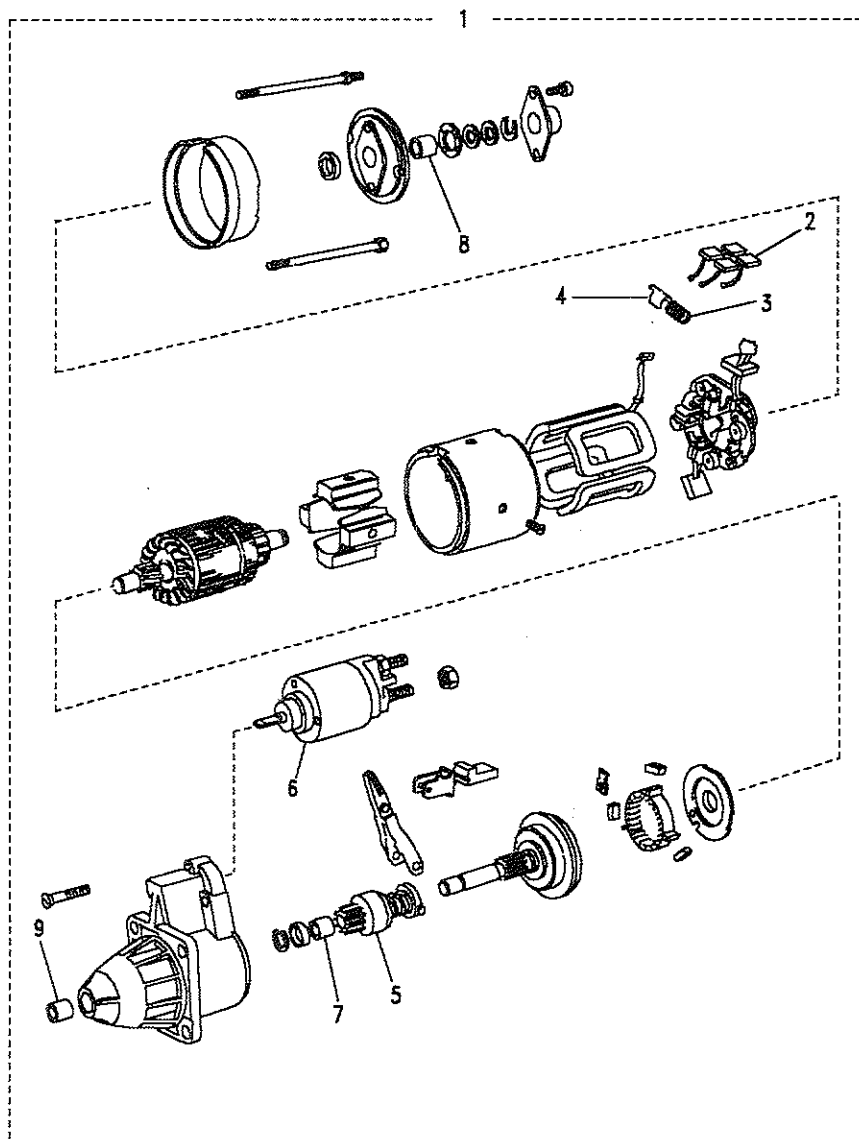


Model DEFENDER 90

Page ADBHPE2A

ENGINE - STARTER MOTOR - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
Used from JAN 1993			
1 ERR5009	Starter motor	1	
2 STC1246	Brush set	1	
3 STC1254	Spring compression	4	
4 STC1247	Guide brush	4	
5 STC1244	Drive assembly	1	
6 STC1245	Solenoid	1	
7 STC1250	Bush	2	
8 STC1251	Bush	1	
9 STC1255	Bush	1	

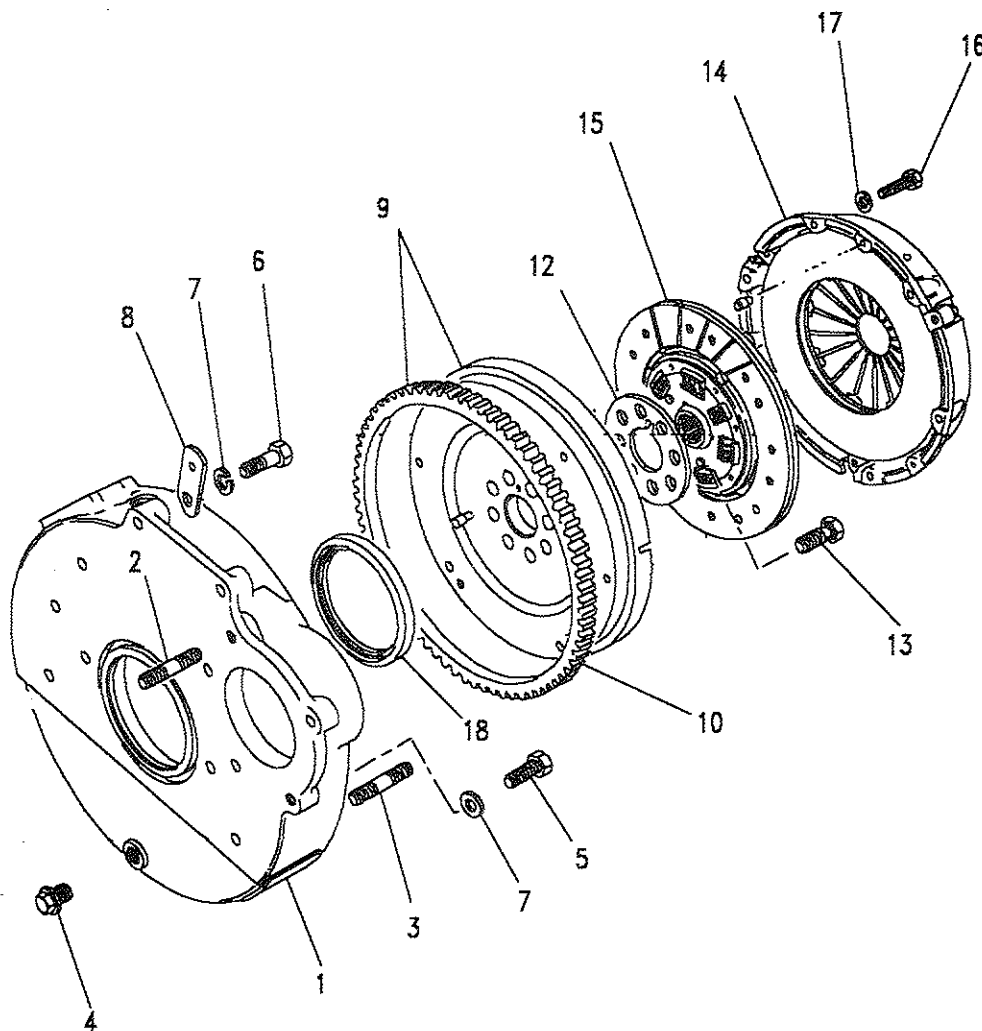


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Page ADBHRA1A

ENGINE - FLYWHEEL AND CLUTCH - 2.5 DIESEL TURBO

III. Part No.	Description	Qty	Remarks
1	ETC7336	1	Housing flywheel assembly
2	TE110061L	11	Stud-bell housing
3	ERC9240	1	Stud-starter motor
4	ERC7295	1	Plug
5	SH110301L	6	Screw-housing to block
6	BH110091L	2	Bolt-housing to block
7	WA110061L	8	Washer-housing to block
8	ERC9404	2	Bracket-harness clip
9	ETC5780	1	Flywheel assembly
10	568431	1	Starter ring
11	502116	3	Dowel
12	ERC4658	1	Plate reinforcement
13	ERC6551	8	Bolt-flywheel to crank
14	FTC575	1	Cover clutch
15	FTC2149	1	Plate clutch
	STC8358	1	Kit clutch
	FTC2149	1	Plate
	FTC575	1	Cover
	FRC9568	1	Bearing
16	SX108201L	6	Screw
17	WL108001L	6	Washer spring
18	ERR1535	1	Seal oil





MASTER INDEX

GROUP B

ENGINE

ENGINE

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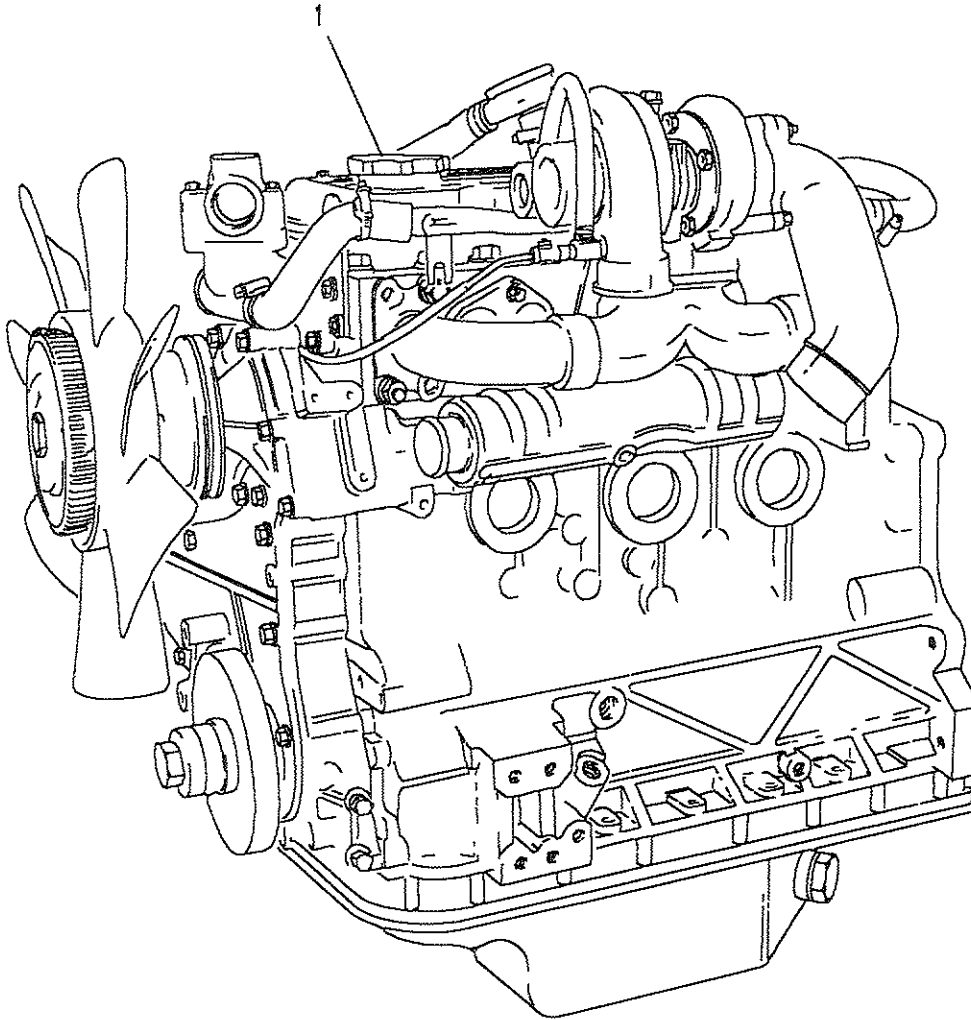
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ENGINE

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ENGINE - ENGINE COMPLETE - 200 TDI

III. Part No.	Description	Qty	Remarks
1 STC308	Engine complete assembly	1	11L00001





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ENGINE

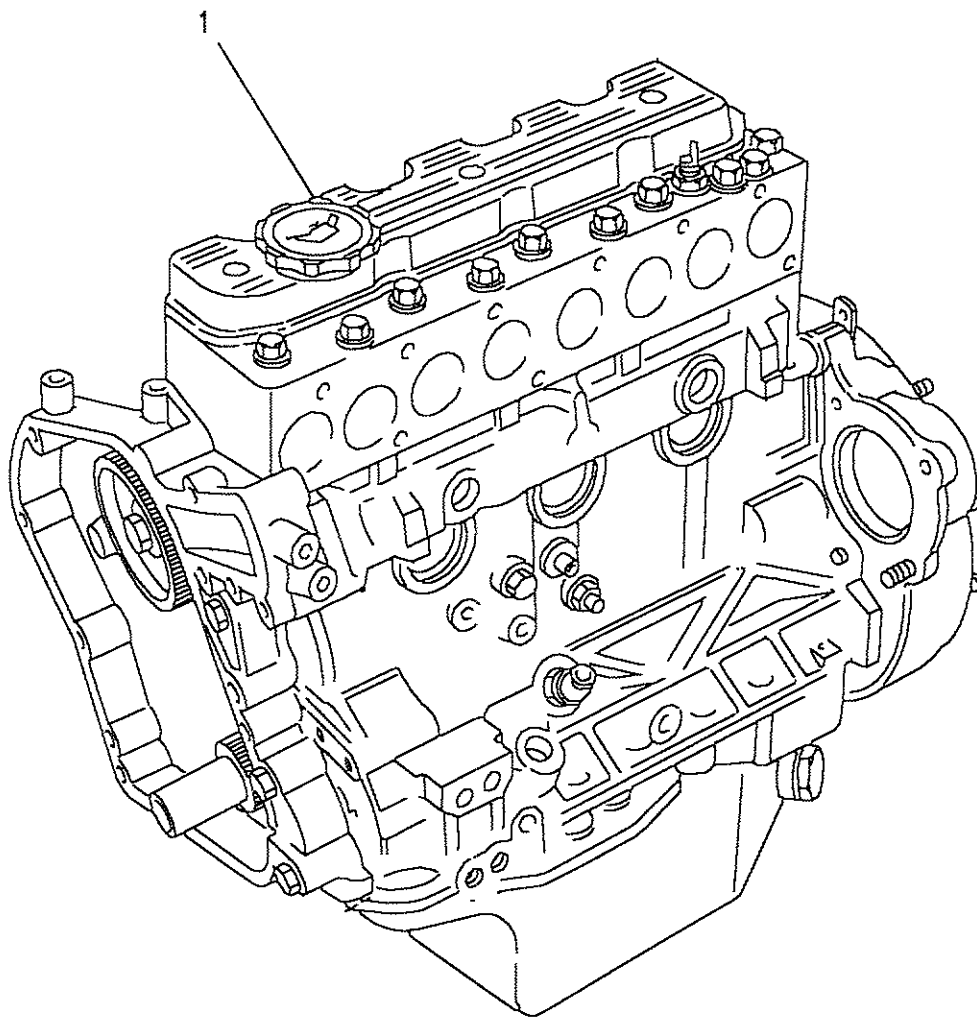
11L00001

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ENGINE - ENGINE STRIPPED - 200 TDI

III. Part No.	Description	Qty	Remarks
1 STC309N	Engine stripped assembly	1	11L00001

Note(1) Engine less ancillary equipment



11L00001





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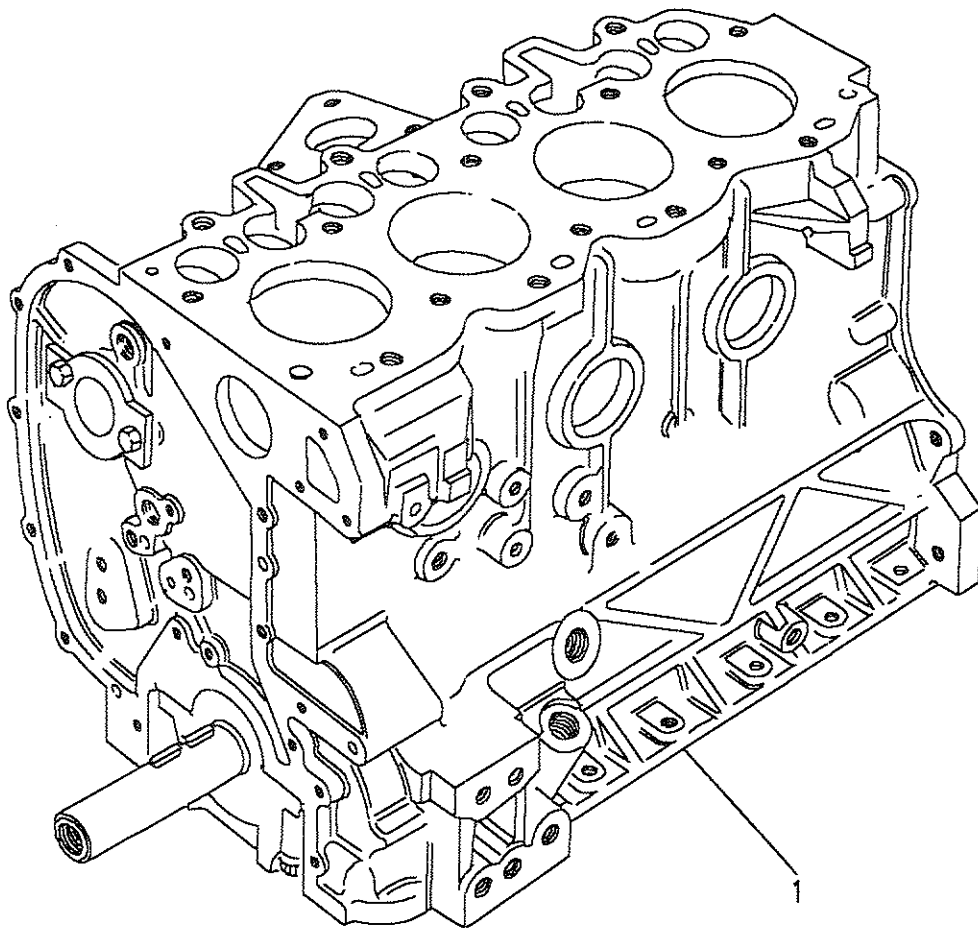
ENGINE

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Page ADBMAE1A

ENGINE - ENGINE SHORT - 200 TDI

III. Part No.	Description	Qty	Remarks
1 RTC6635	Engine short assembly	1	11L00001

Note(1) Cyl block/Crank/Main bearings/Con rod/Pistons

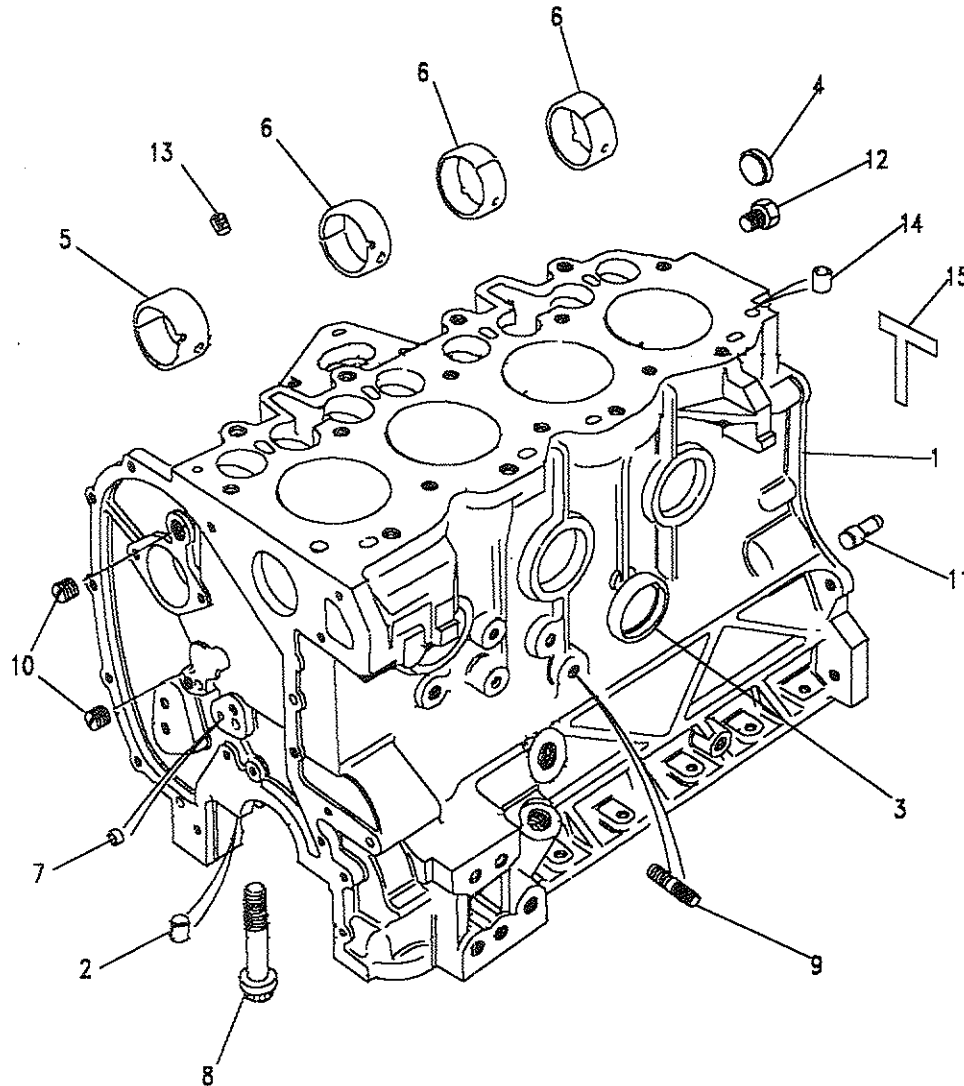


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ENGINE - CYLINDER BLOCK - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ERR3	Cylinder block assembly	1	
2 501593	Dowel-bearing caps	10	
3 ERC4996	Cup plug	6	
4 597586	Cup plug	1	
5 ETC8442	Bearing-cam	1	
6 90519055	Bearing-cam	3	
7 ETC4529	Plug-cup	1	
8 ETC8074	Bolt-main bearing cap	10	
9 TE108031L	Stud-starter motor	1	
10 247127	Plug-oil gallery	1	
11 ERC4644	Dowel flywheel housing	2	
12 ETC4922	Plug-gallery pipe	1	
13 ERR5034	Plug camshaft oil feed	3	
14 ETC8352	Ring-dowel head/block	2	
15 ERR913	Packing strip	2	Note(1)

Note(1) Part of gasket kit STC363





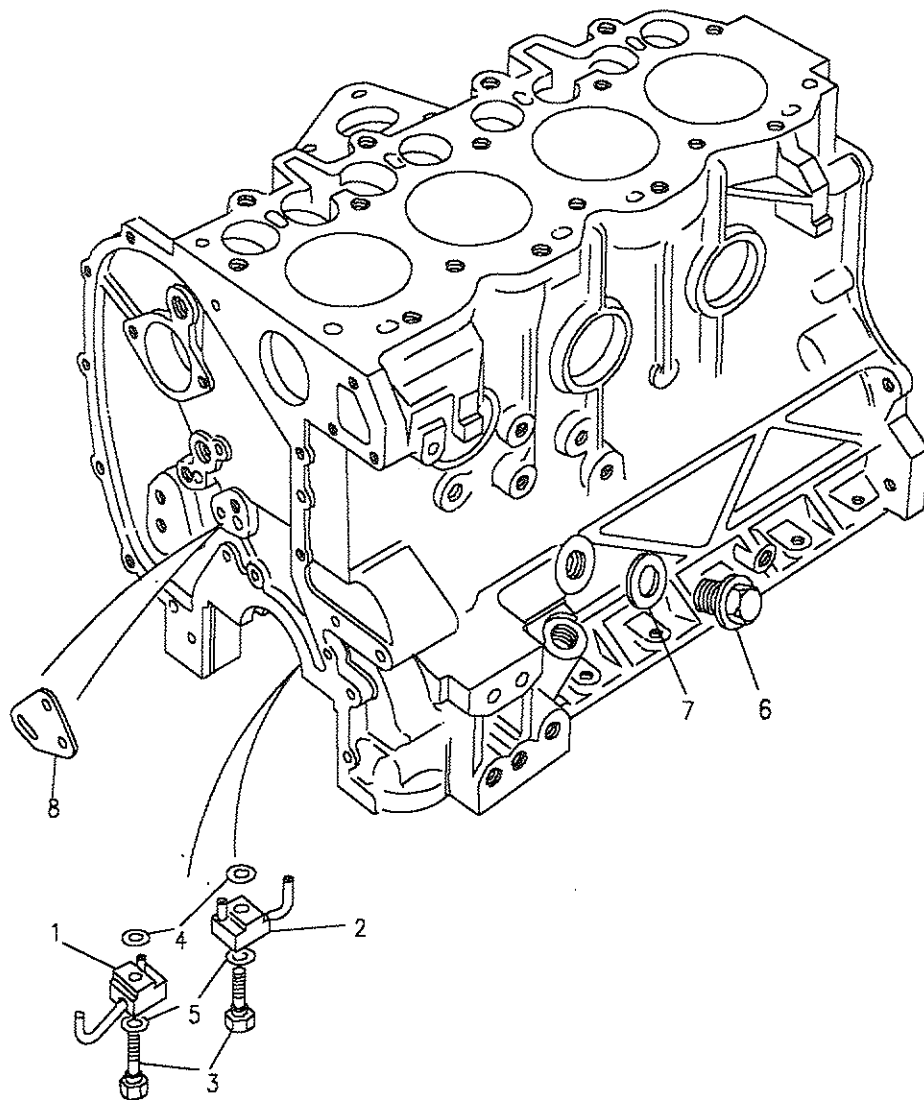
Model DEFENDER 90

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ENGINE - JET ADAPTORS - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ETC6531	Jet assembly No1&No3 cyl	2	
2 ETC6532	Jet assembly No2&No4 cyl	2	
3 ETC5592	Valve relief	4	
4 AFU1879L	Washer joint	4	Note(1)
5 AFU1887L	Washer joint	4	Note(1)
6 ERC9410	Plug drain	1	
7 AFU1882L	Washer joint	1	Note(1)
8 ERC8864	Gasket	1	Note(1)(2)

Note(1) Part of gasket kit STC363
Note(2) No longer fitted



TS6692

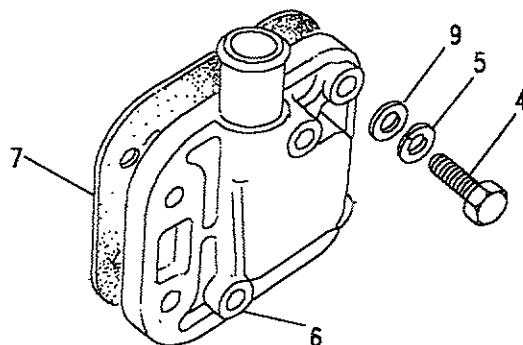
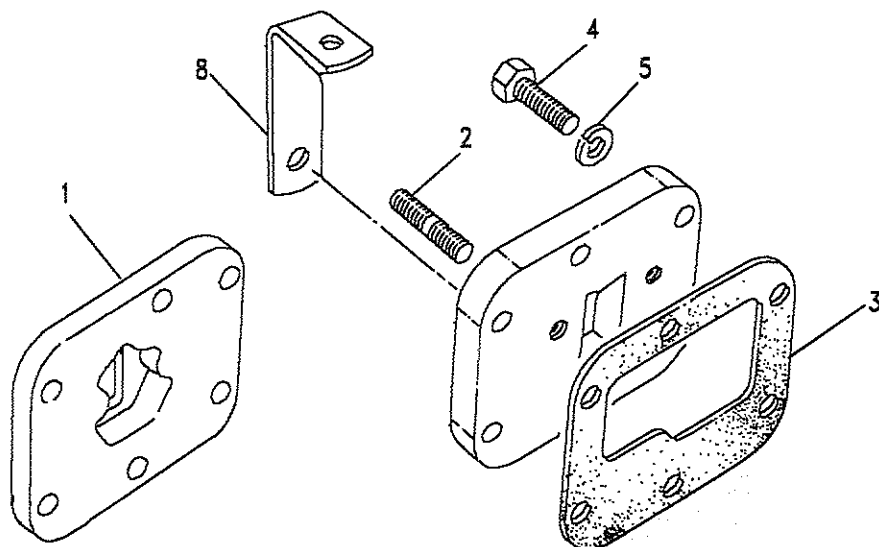


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ENGINE - SIDE COVER - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ETC7929	Plate cover	1	
2 TE108041L	Stud	2	
3 ERR1475	Washer joint	1	Note(1)
4 FS108251L	Screw	9	
5 WL108001L	Washer spring	12	
6 ERR506	Cover side	1	
7 247555	Gasket side cover	1	Note(1)
ERR3605	Gasket side cover	1	Asbestos free
8 ERC9480	Bracket harness clip	1	
9 WA108051L	Washer plain	3	

Note(1) Part of gasket kit STC363



TS6825

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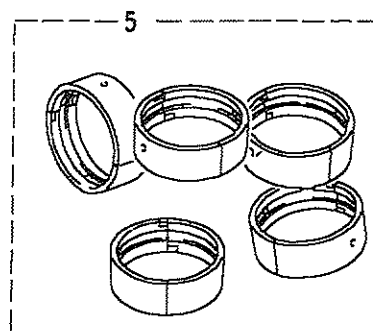
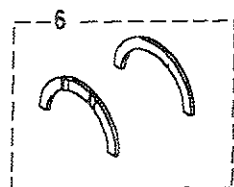
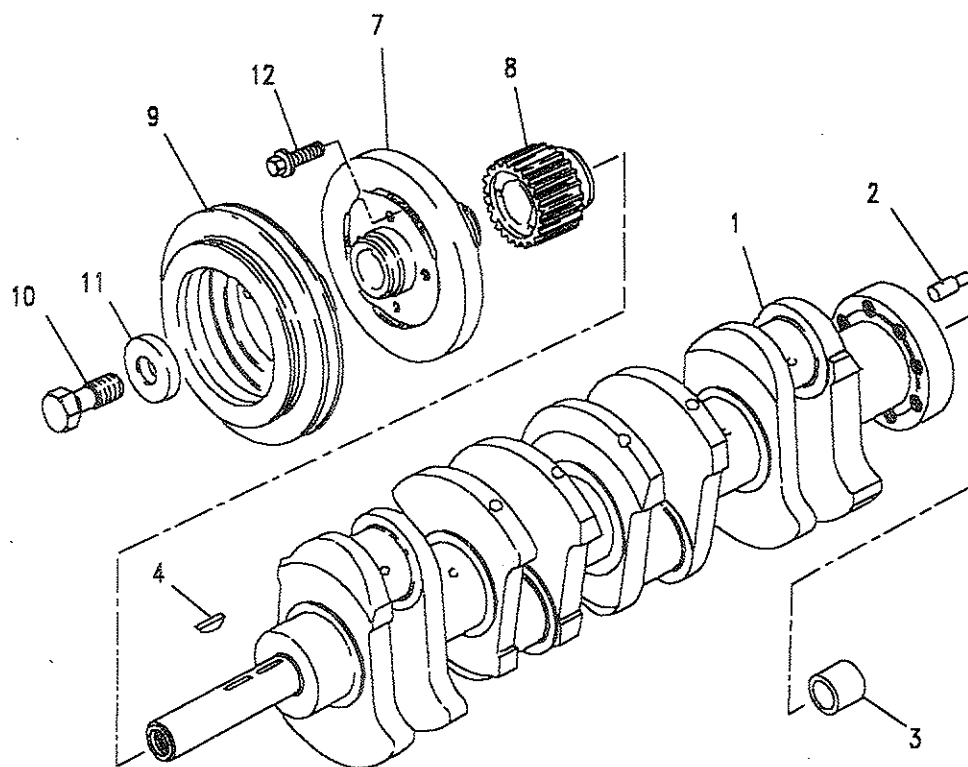
Page ADBMCA1A

ENGINE - CRANKSHAFT - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ERR1181	Crankshaft	1	
2 ERR1630	Dowel crankshaft	1	
3 8566L	Bush crankshaft	1	
4 235770	Key	2	
5 RTC4783	Bearing kit main	1	
RTC478310	Bearing kit main 010"	1	
	KIT THRUST WASHER PAIRS		
6 RTC2825	Standard	A/R	
538131	0.0025" oversize	A/R	
538132	0.0050" oversize	A/R	
538133	0.0075" oversize	A/R	NLA Use 538134
538134	0.010" oversize	A/R	
7 ETC4077	Damper & pulley assembly	1	BASIC
ERR751	Damper & flinger assy	1	AIR CON & PAS
ETC4390	Flinger t/v damper	1	
8 ERR1642	Pulley crankshaft timing	1	
9 ERC6861	Pulley PAS	1	)Note(1)
ERC6859	Pulley AIR CON & PAS	1	)
10 ERR605	Bolt crankshaft	1	
11 ERR705	Washer thrust	1	
12 FS108201L	Screw flange M8x20	4	

Note(1) When power steering or air conditioned is fitted use ERR751 torsional vibration damper and bolt together with appropriate pulley

Note(2) From DEC1992 ERR3093 replaces ERC6861/ERC6859 this must be used with fan ERR3380.



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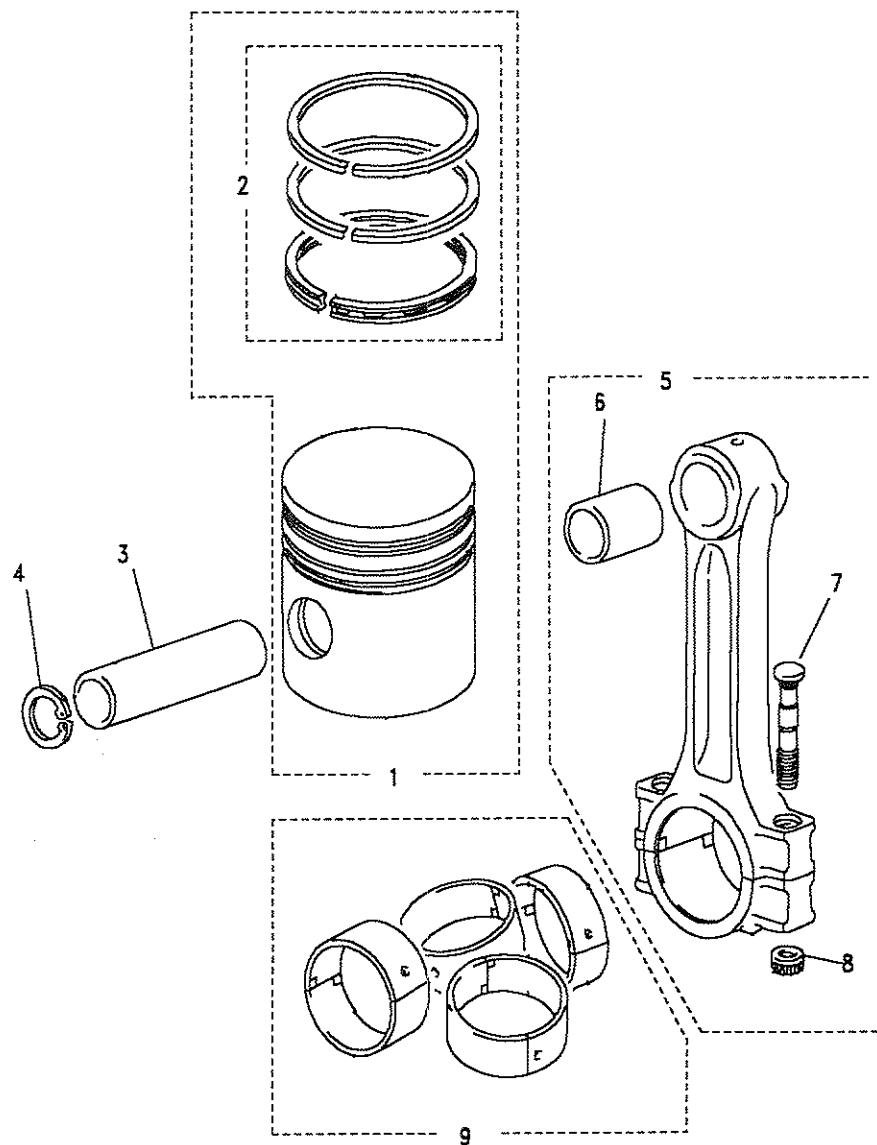
ENGINE - PISTONS AND RINGS - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ERR1390	Piston assembly GX	4	Note(1)
1 ERR1391	Piston assembly GY	4	Note(2)
2 RTC6457	Kit piston ring	4	
3 ERR703	Gudgeon pin	4	
4 266945	Circlip	2	
5 ETC8086	Connecting rod assembly	4	
6 ETC7286	Bush	4	
7 ETC7357	Bolt	2	
8 ETC8191	Nut conn rod	2	

Con Rod Bearing: Engine Set

9 RTC2993	Bearing set big end	1	Standard
RTC299310	Bearing set big end	1	0.010"o/size

Note(1) Grade X Piston is For Cylinder Bore 90.487-90.475(see Note 3)
 Note(2) Grade Y Piston is For Cylinder Bore 90.500-90.487(see Note 3)
 Note(3) PISTONS MUST BE CHANGED AS COMPLETE SETS.



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ENGINE - SUMP/LADDER FRAME - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ERR1790	Sump	1	Note(2)
ERR3277	Sump	1	Note(3)
ETC7398	Washer copper	1	Note(3)
2 603659	Plug drain	1	
3 213961	Washer joint plug	1	Note(1)
4 ETC7867	Rod oil level	1	
5 ERC8980	Tube dipstick	1	
6 236408	Olive	1	
7 532387	Ring seal	1	Note(1)
8 ERR1291	Ladder frame	1	Note(4)

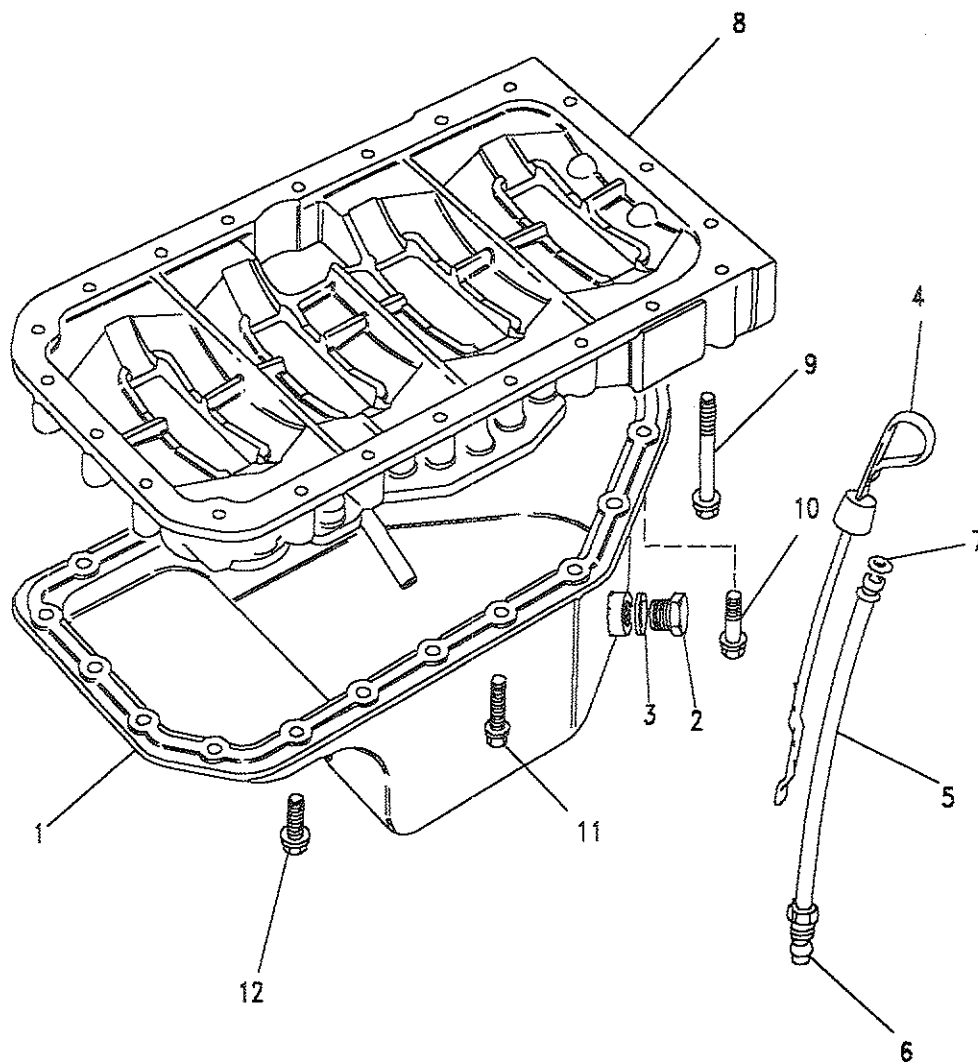
Ladder Frame to Block

9 FB108251	Bolt flange M8x125	2	
10 FB108121L	Bolt flange M8x60	4	
11 FS108301L	Bolt	3	

Sump to Ladder Frame/Block

10 FB108121L	Bolt flange M8x60	12	
12 FS108251L	Screw flange M8x25	8	
STC611	Sealant Hylomar 2000	1	Note(4)

Note(1) Part of gasket kit STC363
 Note(2) Up to 11L38389A
 Note(3) From 11L38390A
 Note(4) Sealant to be used between LADDER FRAME and SUMP

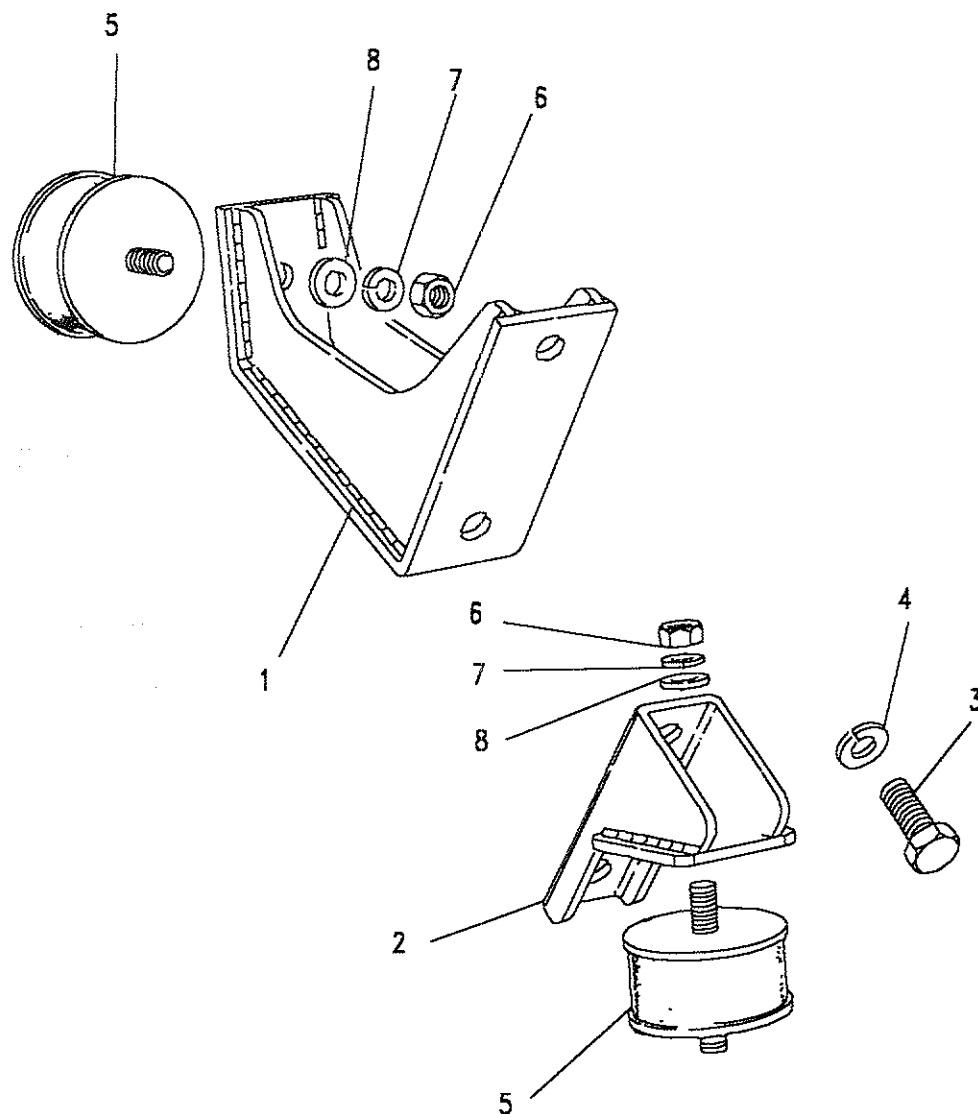


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ENGINE - MOUNTINGS - 200 TDI

III. Part No.	Description	Qty	Remarks
1 NRC5434	Mounting foot-RH	1	
2 NRC9557	Mounting foot-LH	1	
3 SH112251L	Screw-foot to block	4	
4 WL112001L	Washer-foot to block	4	
5 NRC9560	Rubber mounting	2	Note(1)
ANR1808	Mounting rubber	2	Note(2)
6 NH110041L	Nut-rubber to foot	4	
7 WC110061L	Washer-rubber to foot	2	
8 WL110001L	Washer-rubber to foot	4	

Note(1) Up to JA920702
 Note(2) From JA920703

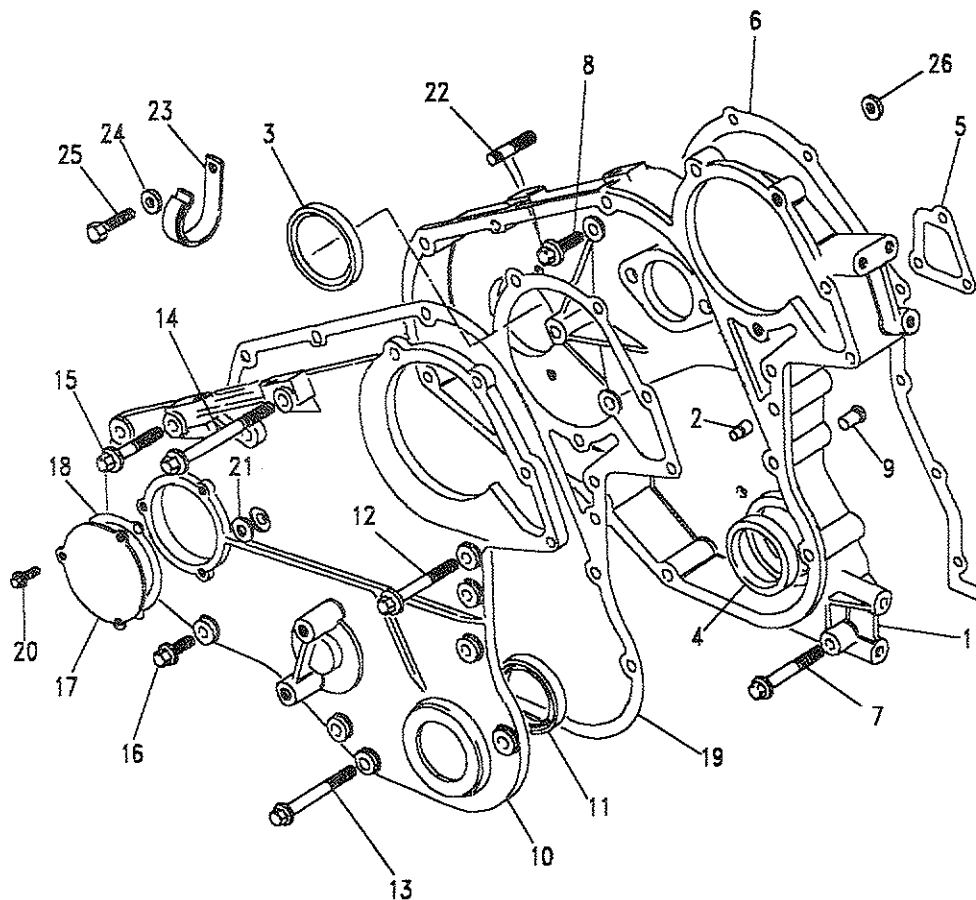


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ENGINE - FRONT COVER - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ERR1273	Cover front	1	NON AIR CON
ERR1274	Cover front	1	AIR CON
2 6395L	Dowel front cover	4	
3 ETC5064	Seal oil camshaft	1	Note(1)
4 ETC5065	Seal oil crankshaft	1	Note(1)
5 538038	Gasket front cover	1	Note(1)
ERR1607	Gasket water pump	1	Asbestos free
6 538039	Gasket front cover	1	Note(1)
7 FB108131L	Bolt cover to block	1	
8 FS108201L	Screw cover to block	2	
9 ERR2375	Pin tensioner pivot	1	
10 ERR1253	Plate front cover	1	NON AIR CON
ERR1256	Plate front cover	1	AIR CON
11 ETC4154	Seal cover plate	1	Note(1)
12 FB108141L	Bolt flange M8x70	2	
13 FB108151L	Bolt flange M8x75	4	
14 FB108201L	Bolt flange M8x100	1	
15 FB108101	Bolt flange M8x50	1	
16 FS108251L	Screw flange M8x25	3	
17 ERR25	Plate cover NON AIR CON	1	
ETC8853	Plate cover AIR CON	1	

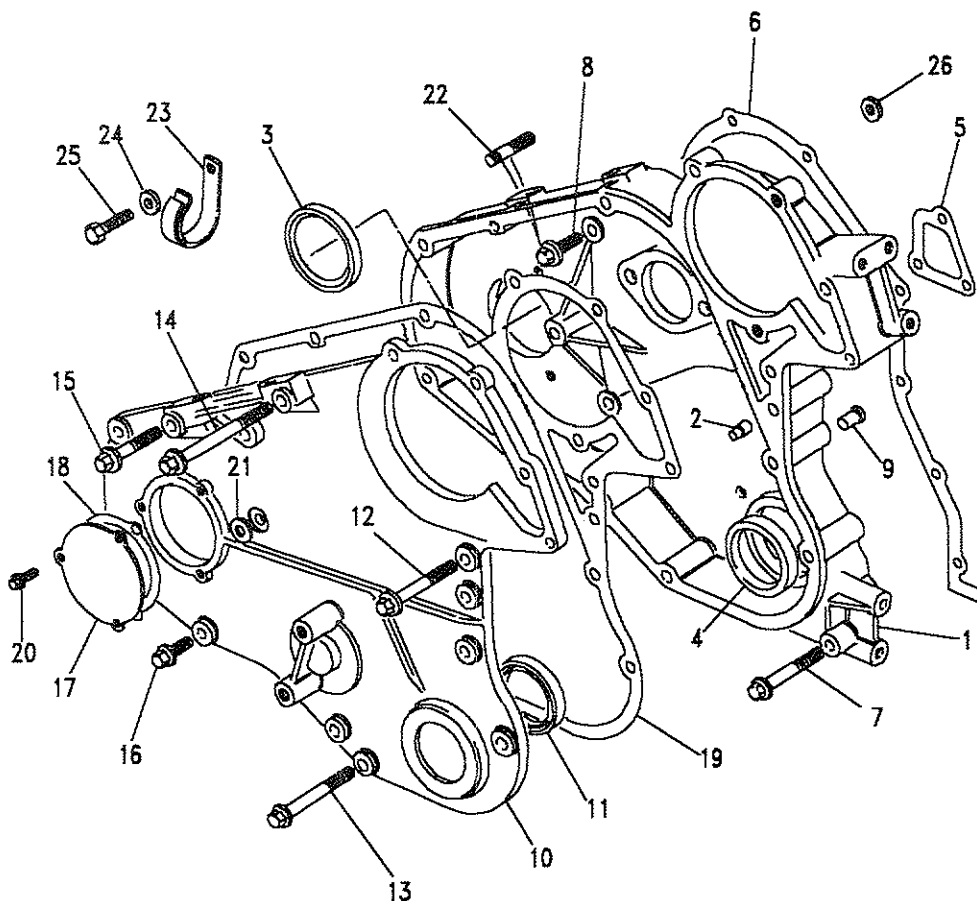


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ENGINE - FRONT COVER - 200 TDI

III. Part No.	Description	Qty	Remarks
18 ERR635	Gasket cover plate	1	Note(1)
19 ERR1553	Gasket cov/plate frt/cov	1	Note(1)
20 SE106101L	Screw M6x10	3	
21 ETC4124	Washer joint	1	
ERR3604	Gasket front cover	1	Asbestos free
22 TE108061L	Stud	3	
23 ETC4630	Bracket mounting	1	
24 WA108051L	Washer	1	
25 SH108121L	Screw	1	
26 ERR394	Gasket cover/block	1	Note(1)

Note(1) Part of gasket kit STC363





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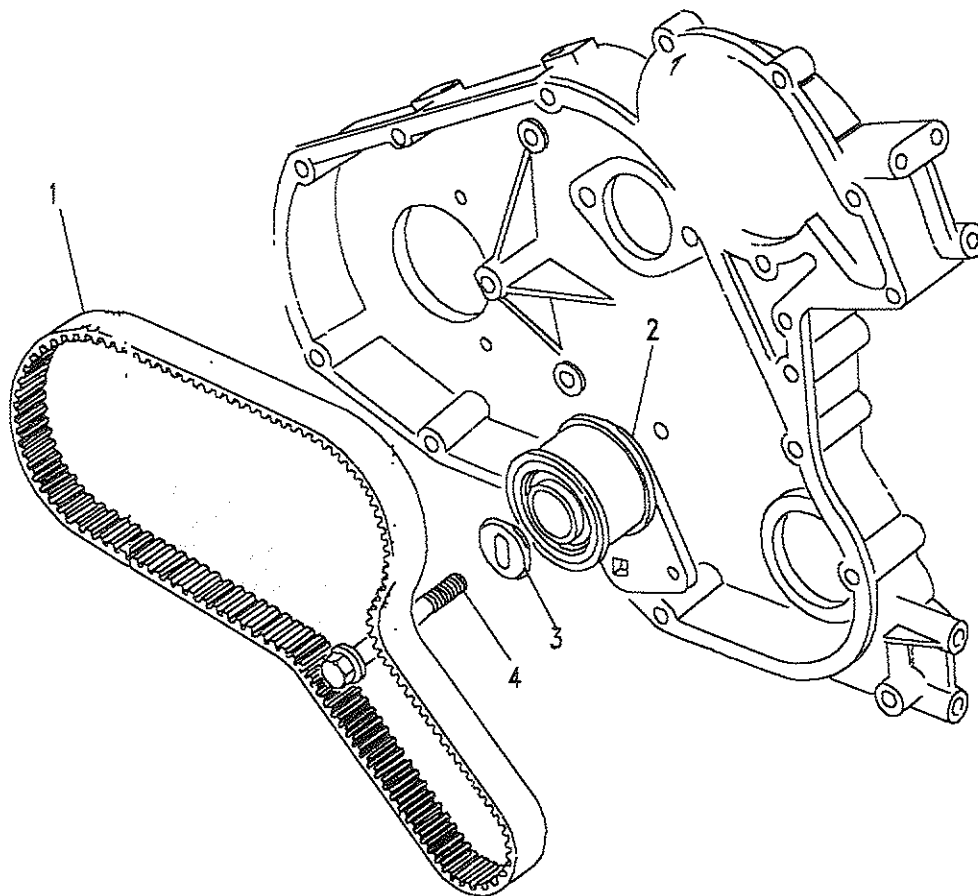
ENGINE

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ENGINE - TIMING BELT - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ETC8550	Belt timing	1	
2 ERR118	Tensioner assembly	1	
3 ERR900	Washer	1	
4 FB110141L	Bolt flange M10x70	1	



Model DEFENDER 90

Page ADBMEE1A

ENGINE - WATER PUMP - 200 TDI

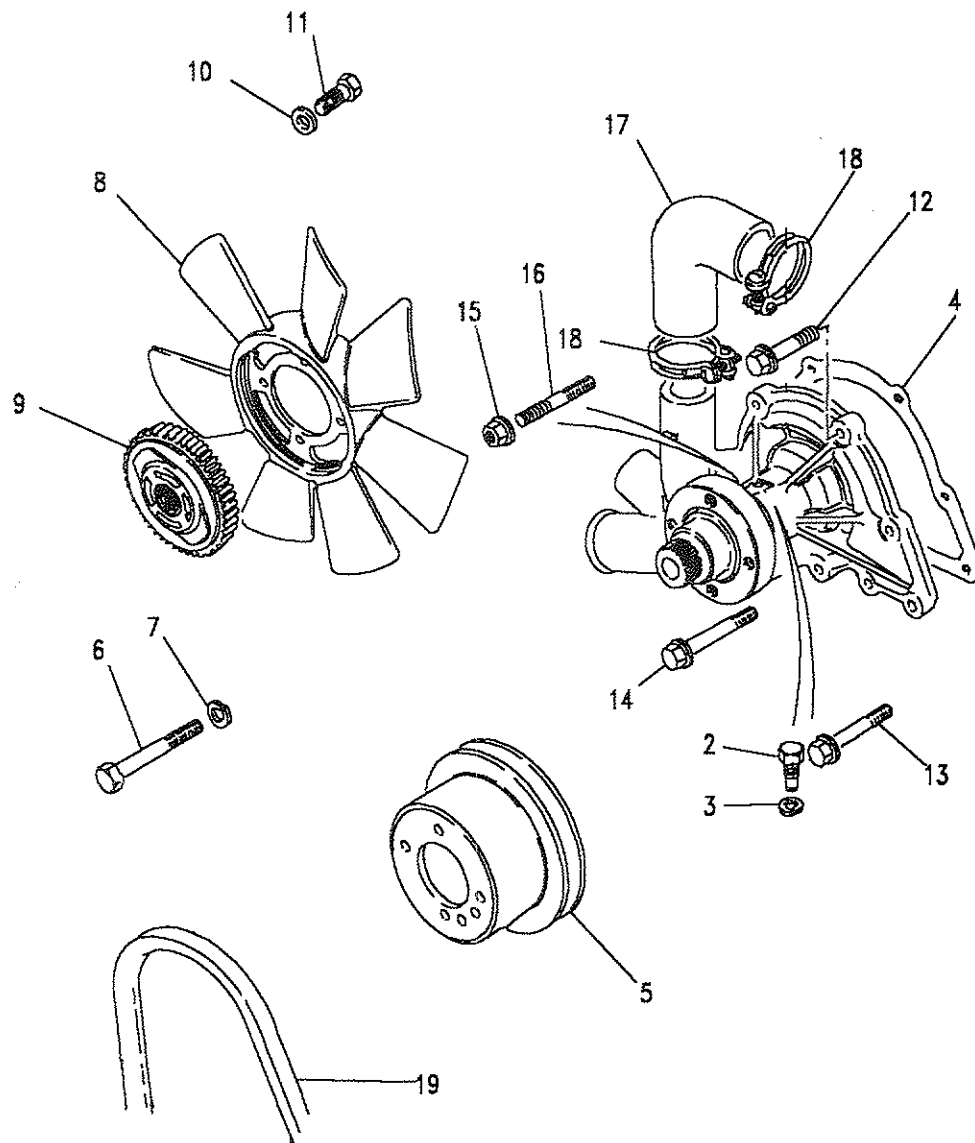
III. Part No.	Description	Qty	Remarks
1	STC639	1	Pump water assembly
2	ERC5600	1	Bolt
3	WL108001L	1	Washer spring
4	ERC5655	1	Gasket
5	ETC4785	1	Pulley
6	FS108161L	4	Screw
7	WL108001L	4	Washer spring
8	ETC7554	1	Fan-7 blade
9	ERR3380	1	Fan
10	ETC7238	1	Viscous unit
11	4589L	4	Washer
12	ERC5709	4	Bolt
13	FB108071L	3	Bolt flange M8x35
14	FB108151L	1	Bolt flange M8x75
15	FB108171L	2	Bolt flange M8x85
16	FN108041L	1	Nut flange M8
17	TD108181	1	Stud M8x90
18	ERR1424	1	Hose-by pass outlet
19	CN100408L	2	Clip-hose
	ETC7939	1	Belt fan

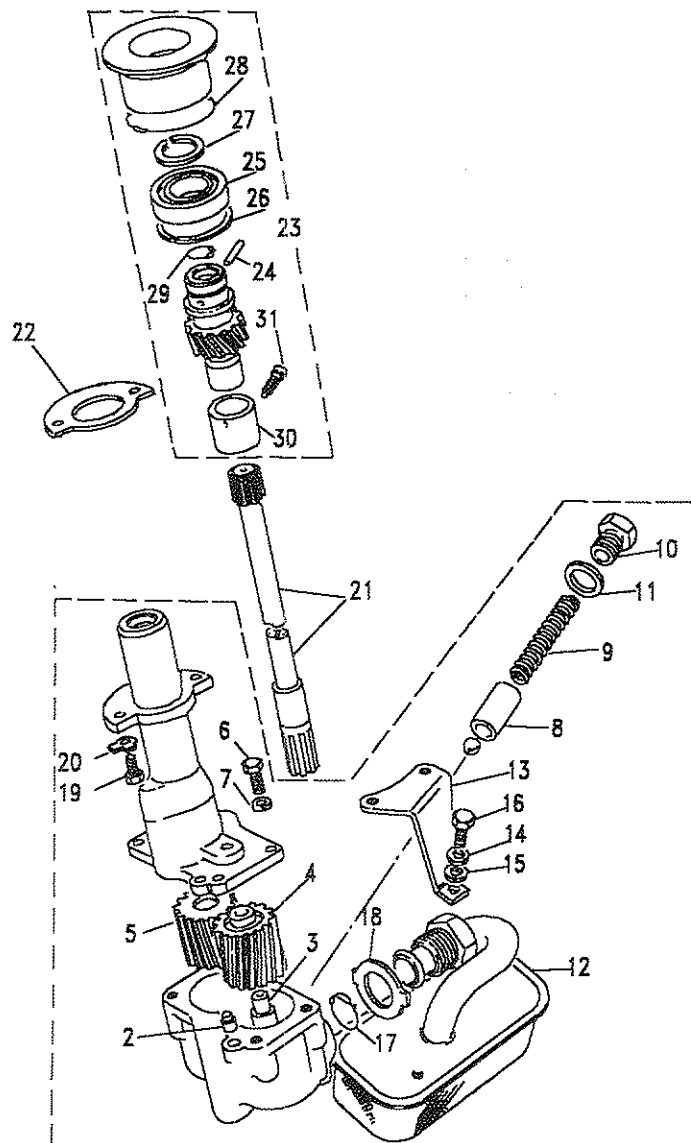
Note(1)

Note(2)

Part of gasket kit STC363

From DEC1992 use new fan with C/SHAFT pulley ERR3093.





Model DEFENDER 90

Page ADBMFA1A

ENGINE - OIL PUMP - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ERR1178	Pump oil assembly	1	
2 236257	Dowel	2	
3 ERR1063	Spindle-idler wheel	1	
4 ERR1088	Wheel idler	1	
5 ERC9706	Wheel drive	1	
6 FS108201L	Screw-cover to block	4	
7 WL108001L	Washer spring	4	
8 ETC4880	Plunger-oil relief	1	
9 564456	Spring-oil relief	1	
10 564455	Plug-oil relief	1	
11 232044	Washer joint	1	Note(1)
12 ERR1521	Filter	1	
13 ERR541	Bracket support	1	
14 WA108051L	Washer	1	
15 WL108001L	Washer spring	1	
16 FS108201L	Screw	1	
17 244488	O ring	1	Note(1)

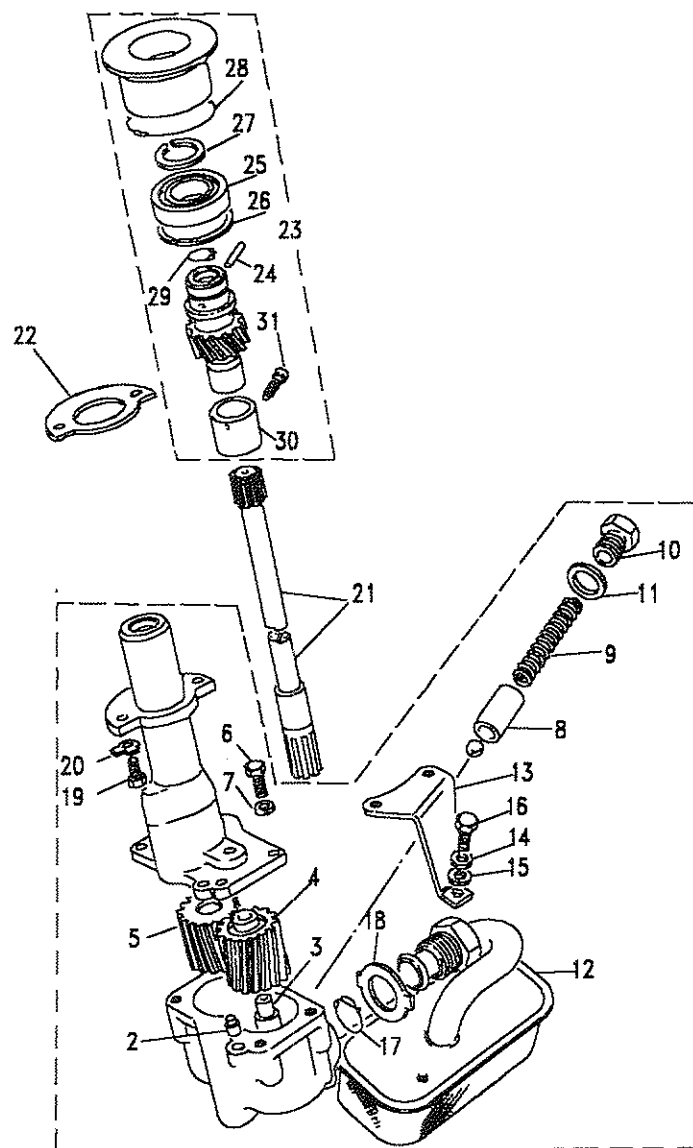
Note(1)

Part of gasket kit STC363

Model DEFENDER 90

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ENGINE - OIL PUMP - 200 TDI



III. Part No.	Description	Qty	Remarks
18 244487	Washer locking	1	
19 FS108251L	Screw	2	
20 247665	Washer locking	2	
21 ERR850	Drive shaft	1	
22 ERR3606	Gasket	1	Note(1)
23 ERR928	Drive shaft assembly	1	
24 ERR309	Pin dowel	1	
25 ERR528	Deep Groove Bearing	1	
26 CR120305	Snap Ring-External	1	
27 ERR530	Snap Ring-Internal	1	
28 ERR531	O ring bearing housing	1	Note(1)
29 ERR532	O ring	1	Note(1)
30 ERR500	Bush bottom V/D/S/ gear	1	
31 ERR848	Screw locking	1	

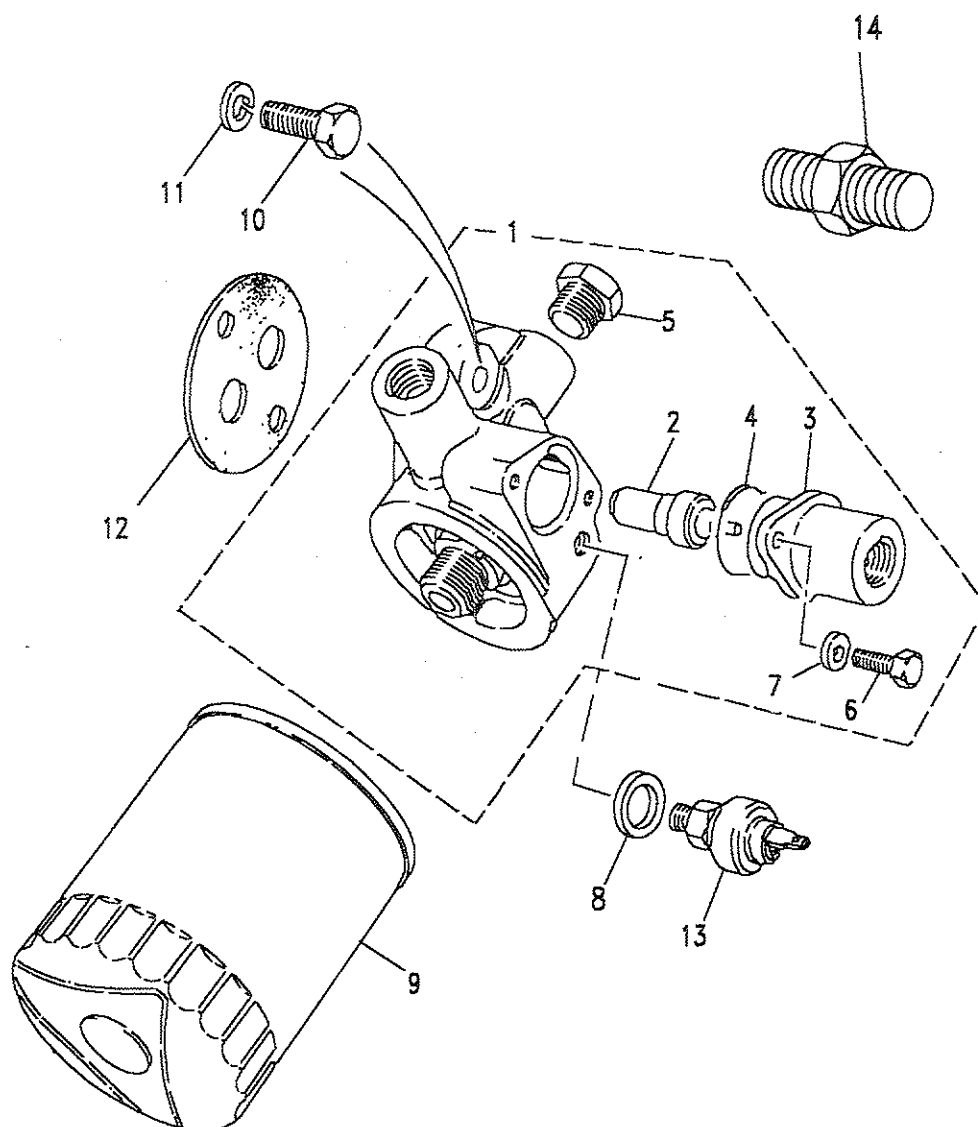
Note(1) Part of gasket kit STC363

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ENGINE - OIL FILTER - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ERR1299	Filter oil assembly	1	Upto 11L25129A
ERR3459	Filter oil assembly	1	)From
ERR2623	Adaptor and insert	1	)11L25130A
2 ERC5923	Bulb thermostat	1	
3 ETC4022	Adaptor	1	
4 ERC5913	O ring	1	Note(1)
5 ETC4021	Plug	1	Upto 11L25129A
ERR3458	Plug	1	From 11L25130A
6 SH106141L	Screw	2	
7 WA106041L	Washer	2	
8 ETC7398	Washer copper	2	Note(1)
9 ERR3340	Element oil filter	1	
10 FS110301L	Screw	2	
11 WL110001L	Washer spring	2	
12 ERR3607	Gasket-oil filter	1	Note(1)
13 PRC6387	Switch-oil pressure	1	
14 NRC8618	Coupling	2	

Note(1) Part of gasket kit STC363



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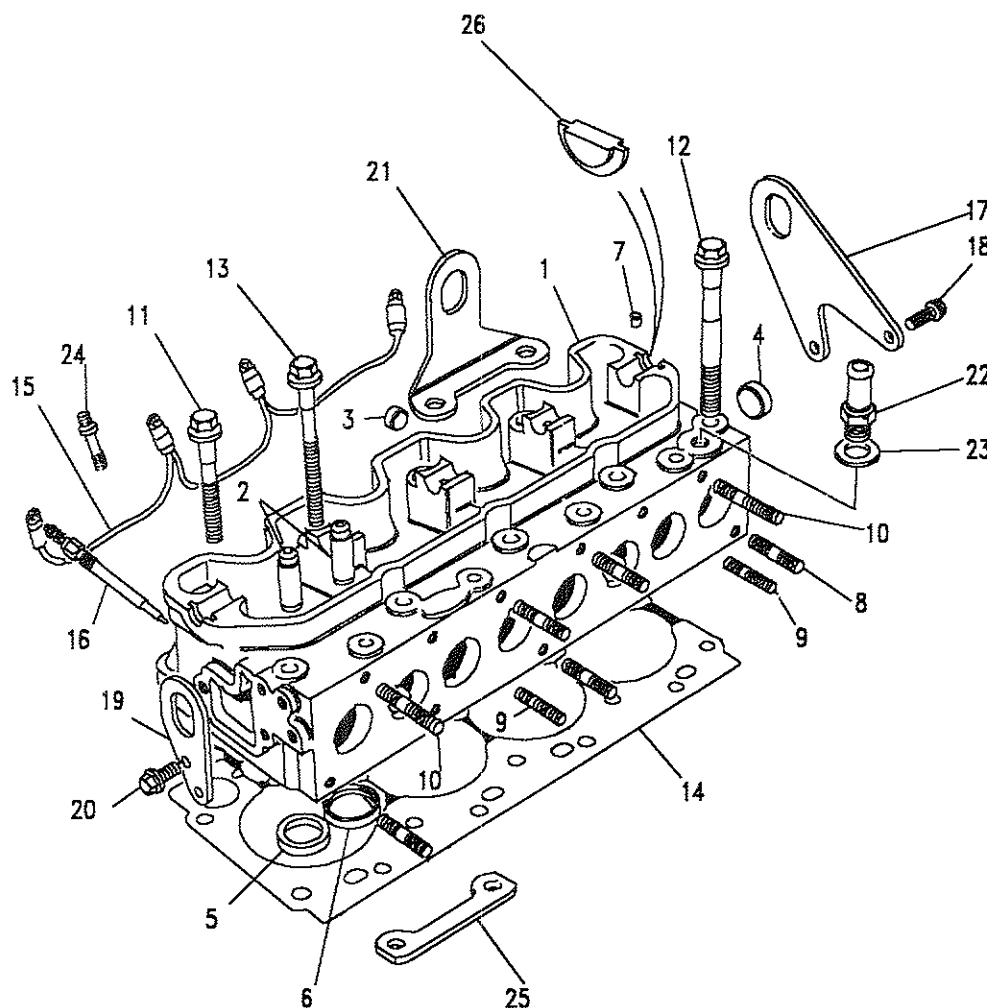
Model DEFENDER 90

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ENGINE - CYLINDER HEAD - 200 TDI

III. Part No.	Description	Qty	Remarks
1	RTC6896	1	Cylinder head assembly
2	ETC8003	8	Guide valve
3	525497	1	Plug cup
4	524765	1	Plug cup
5	ETC8002	4	Insert valve seat
6	ETC8001	4	Insert valve seat
7	ETC8194	1	Dowel ring cyl/head
8	TE110051L	5	Stud M10x25 long
9	TE108051L	2	Stud M8x25 long
10	TE110071L	2	Stud M10x35 long
11	ETC8808	4	Bolt Short cyl/head
12	ETC8809	10	Bolt Long cyl/head
13	ETC8810	4	Bolt M10 cyl/head
14	ERR5261	1	Gasket cyl head 1.3mm
	ERR5262	1	Gasket cyl head 1.4mm
	ERR5263	1	Gasket cyl head 1.5mm
15	PRC6947	1	Cable assy glow plugs
	AMR2425	1	Cable assy glow plugs
16	ETC8847	4	Glow plug
17	ETC8036	1	Bracket lifting rear
18	FS108251L	2	Screw flange M8x25

Note(1) Part of gasket kit STC362



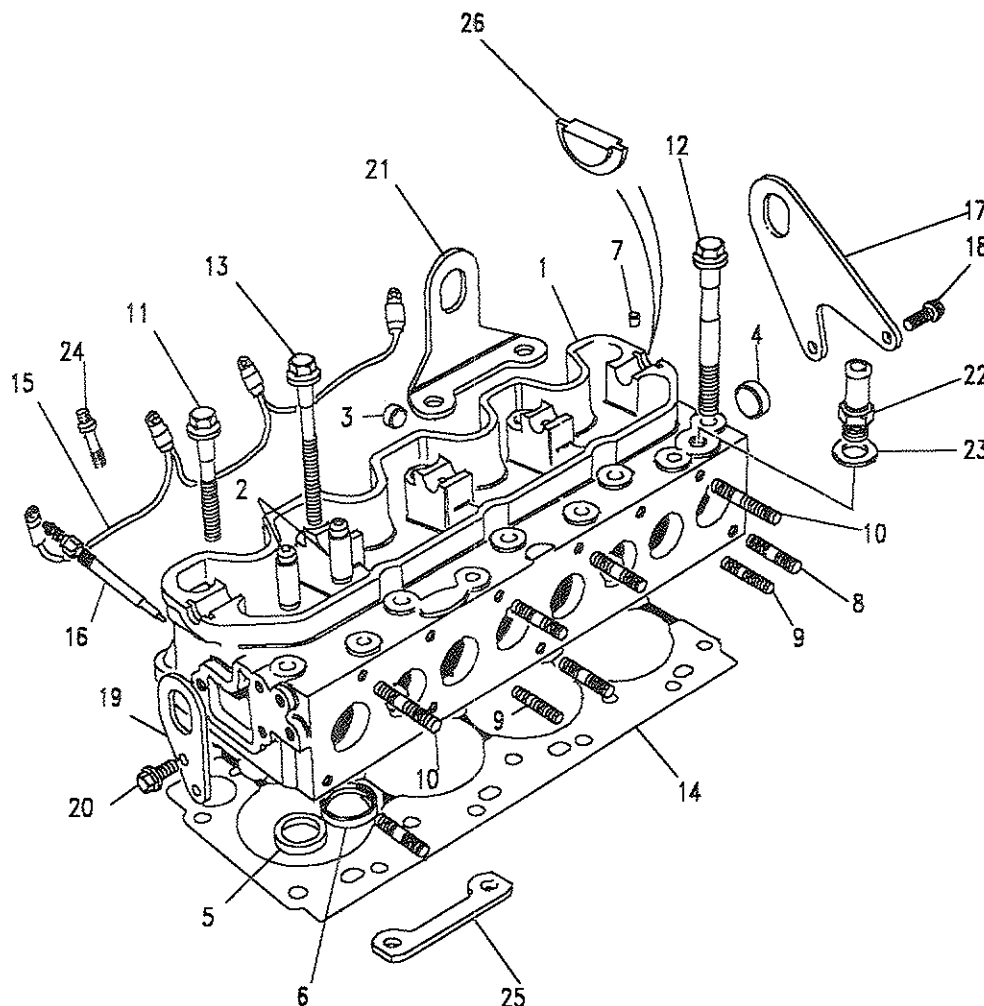
Model DEFENDER 90

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ENGINE - CYLINDER HEAD - 200 TDI

III. Part No.	Description	Qty	Remarks
19 ETC8031	Bracket lifting front	1	
20 FS108251L	Screw flange M8x25	2	
21 ERR978	Bracket engine lifting	1	
22 624091	Adaptor	1	
23 243959	Washer joint	1	
24 ERR1019	Stud injector clamp	1	
25 ERR1536	Spacer bracket	1	
26 ERR765	Plug rubber	2	Note(1)

Note(1) Part of gasket kit STC363



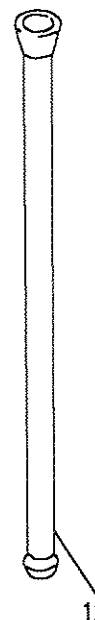
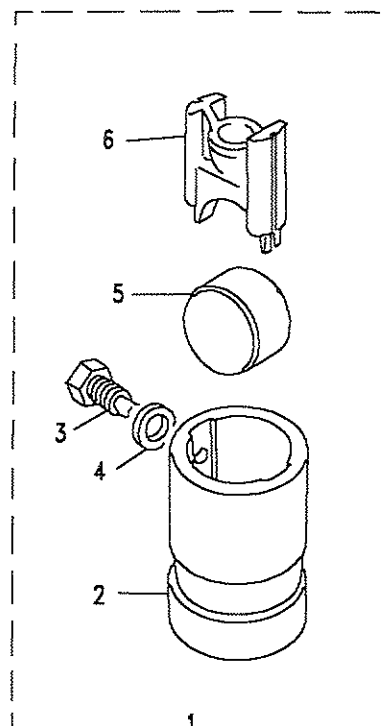
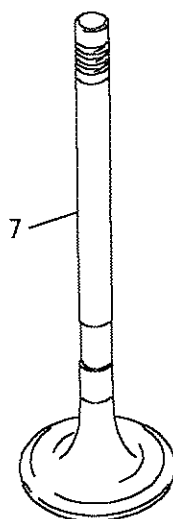
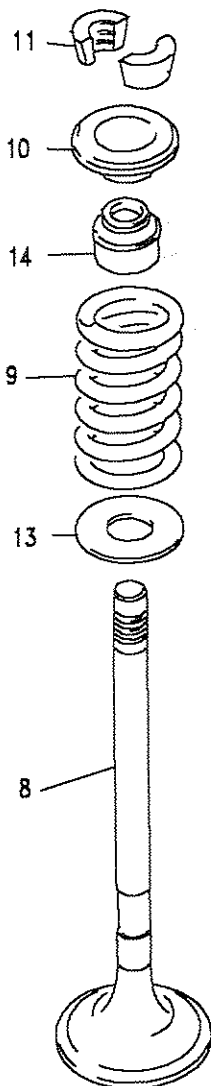
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ENGINE - VALVES AND TAPPETS - 200 TDI

III. Part No.	Description	Qty	Remarks
1	RTC6564	8	Tappet assembly
2	502473	8	Guide tappet
3	ETC4246	8	Set bolt
4	273069	8	Washer
5	ERR561	8	Follower roller
6	ERR607	8	Tappet slide
7	ERR1157	4	Valve inlet
8	ERR1156	4	Valve exhaust
9	ERR314	8	Spring valve
	ERR4640	8	Valve spring
10	ETC4068	8	Cup valve spring
11	ETC4069	16	Split cotter
12	546799	8	Push rod
13	ETC8193	8	Valve spring seat
14	ETC8663	8	Seal valve stem
	ERR4175	8	Cap valve stem protection

Note(1) Part of gasket kit STC362
 Note(2) Up to 11L37880A
 Note(3) From 11L37881A





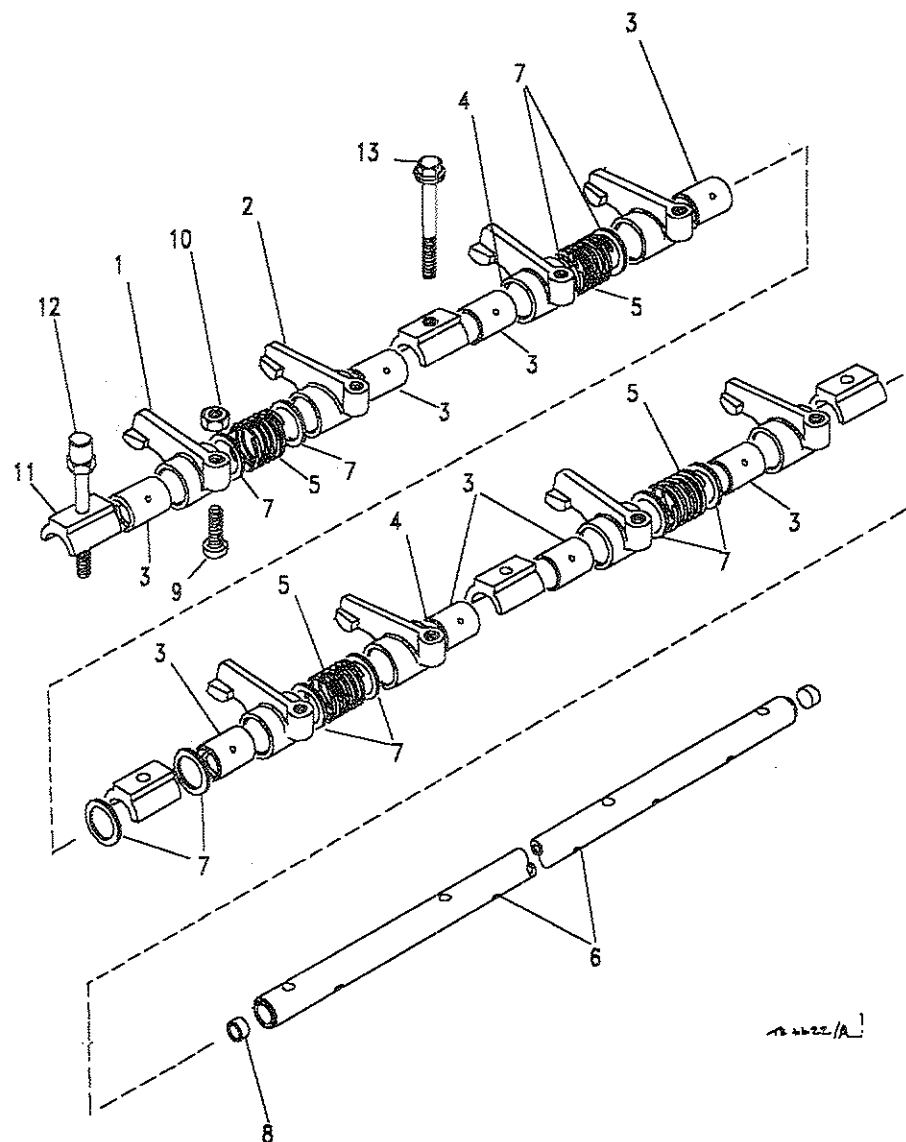
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ENGINE - ROCKER SHAFT - 200 TDI



III. Part No.	Description	Qty	Remarks
1 ERR1202	Rocker arm assy RH	4	
2 ERR1201	Rocker arm assy LH	4	
3 ERR1203	Bush rockers	1	
4 ERR1209	Washer rocker shaft	6	
5 ETC8095	Spring	1	
6 ERR4682	Shaft valve rockers	1	
7 ERR1210	Spacer rocker shaft	10	
8 ETC8103	Plug shaft	2	
9 ERR559	Screw tappet adjuster	8	
10 ERR560	Nut locker	8	
11 ERR1107	Clamp rocker shaft	5	
12 ETC7530	Bolt rocker shaft	3	
13 FB108101	Bolt flange	2	

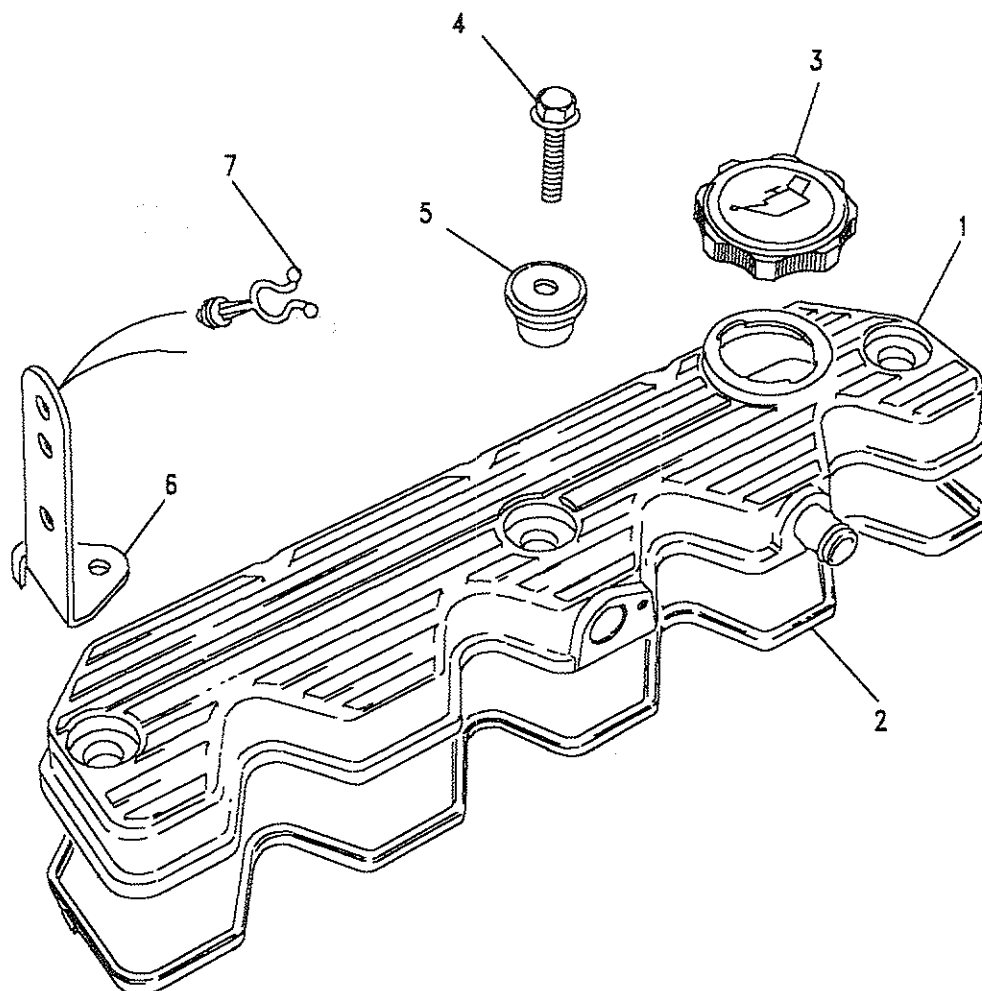


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ENGINE - ROCKER COVER - 200 TDI

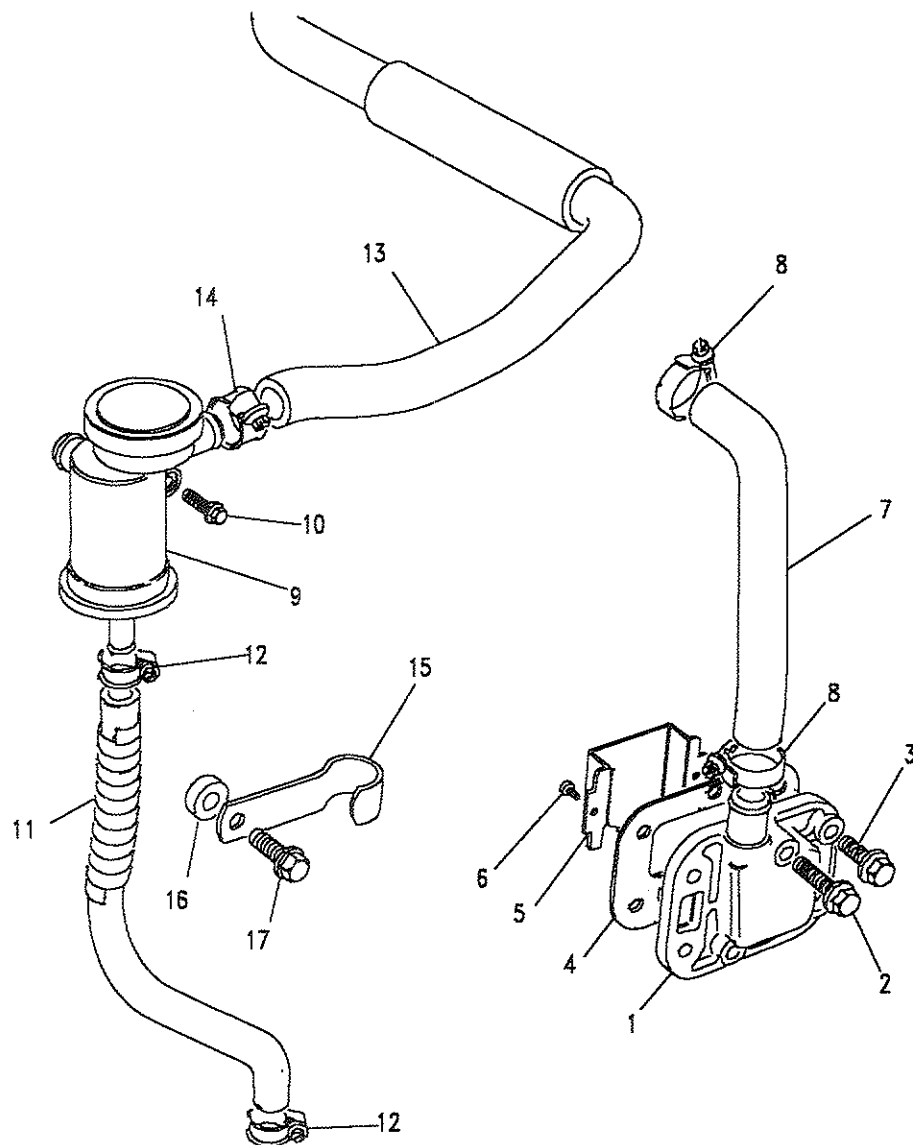
III. Part No.	Description	Qty	Remarks
1 ERR1530	Rocker cover assembly	1	UptoAPRIL1992
ERR3368	Rocker cover assembly	1	FromAPRIL1992
2 ERR2393	Gasket-rocker cover	1	
3 ERR455	Cap oil filler	1	UptoAPRIL1992
ERR2529	Cap oil filler	1	FromAPRIL1992
4 FS106255L	Screw flange M6x25	3	
5 ERR663	Washer sealing	3	Note(1)
6 ERR1621	Bracket mounting	1	
7 NRC8332	Clip cable	1	

Note(1) Part of gasket kit STC362



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ENGINE - CYCLONE BREATHER ASSEMBLY - 200 TDI



III. Part No.	Description	Qty	Remarks
1 ERR506	Cover side breather assy	1	UptoAPRIL1992
541010	Cover side breather assy	1	FromAPRIL1992
2 FB108081L	Bolt flanged	1	
3 FS108251L	Screw flange M8x25	5	
4 ERR3605	Gasket-side cover	1	
5 ERR874	Baffle plate-side cover	1	Note(1)
6 79026	Screw No6	1	Note(1)
7 ERR877	Hose-side to rock/cover	1	Note(1)
8 CN100258L	Clip-worm-hose	2	Note(1)
9 ERR1471	Breather cyclone	1	
10 FB106121L	Screw flange M6x60	2	
11 ERR1605	Hose-cyclone oil drain	1	
12 CN100208L	Clip-worm-hose	2	
13 ERR1729	Hose-cyclone to air/clean	1	
14 CN100258L	Clip-worm-hose	2	
15 ERR878	Clip-oil drain hose	1	
16 ERR879	Spacer-clip-oil drain	1	
17 SH110201L	Screw flange M10x20	1	

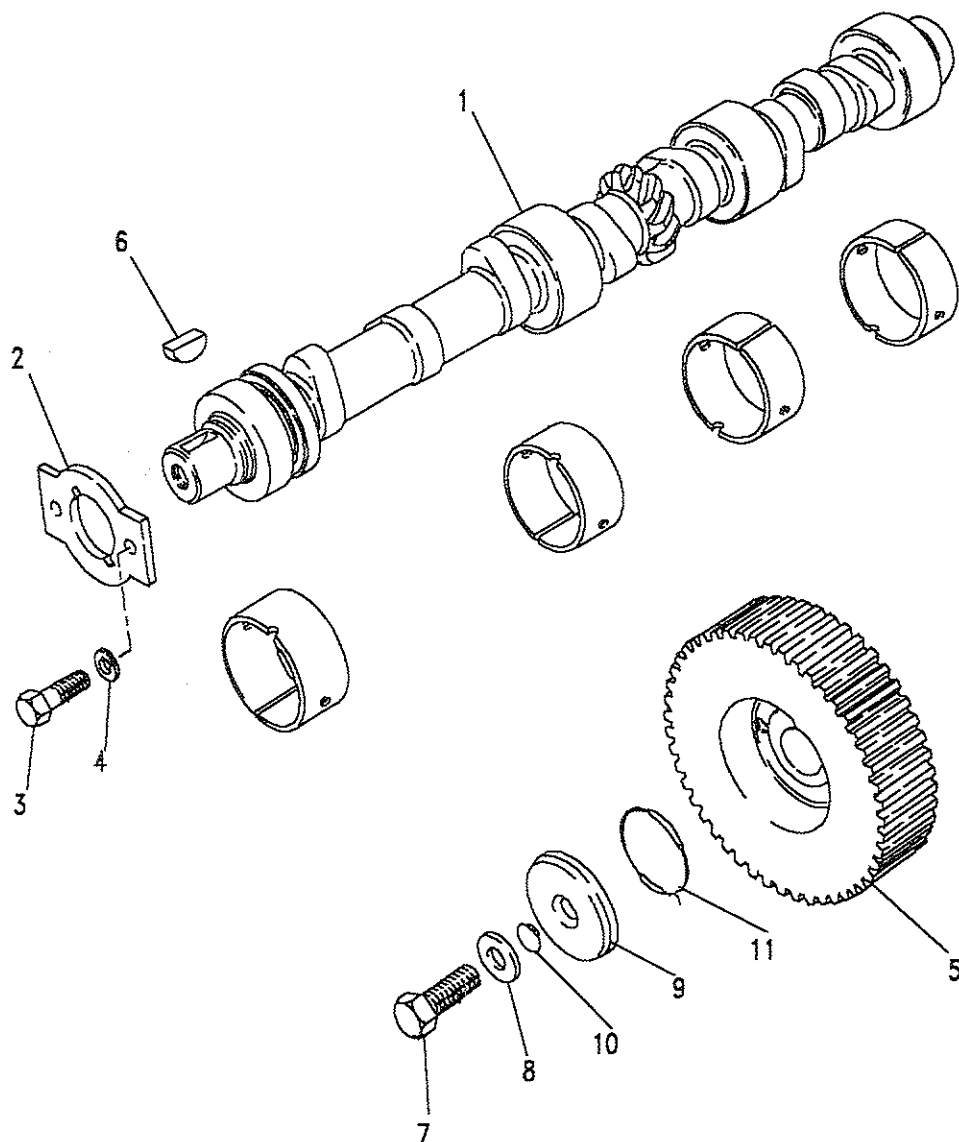
Note(1) Not used on ERR3368 rocker cover without breather side plate

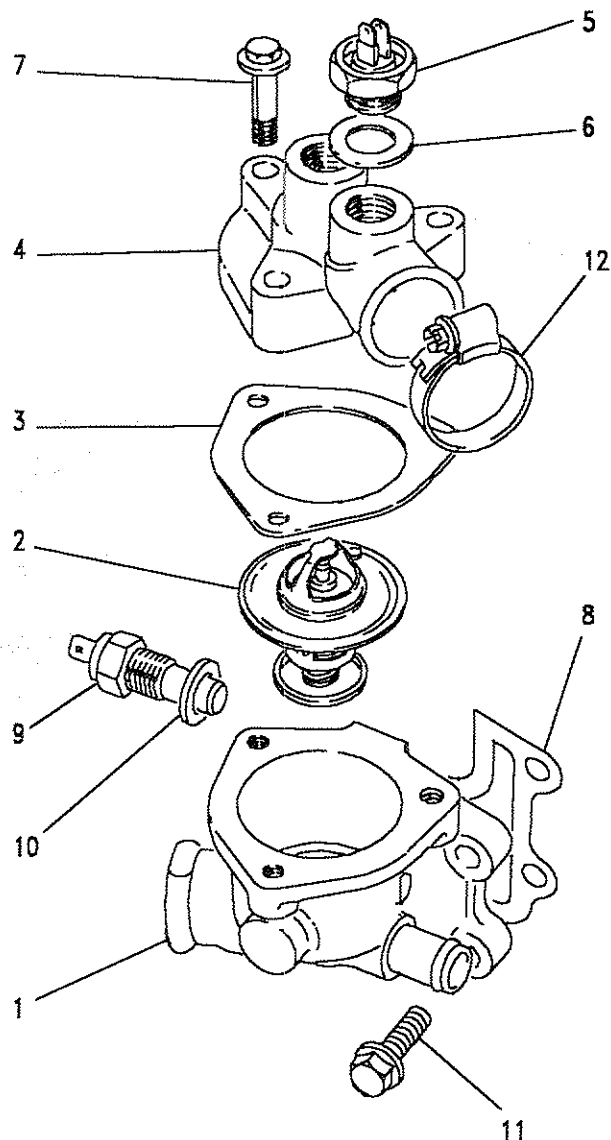
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ENGINE - CAMSHAFT - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ETC7128	Camshaft	1	
2 ERC1561	Thrust Plate-Camshaft	1	
3 FS106167L	Screw	2	
4 WL106001L	Spring Washer-Plate to BI	2	
5 ERR666	Pulley	1	
6 230313	Woodruff Key-Chainwheel/S	1	
7 BX110071L	Bolt	1	
8 ETC4670	Washer	1	
9 ERC8847	Plate-Retaining	1	
10 ERC8849	O Ring	1	Note(1)
11 ETC4076	O Ring	1	Note(1)

Note(1) Part of gasket kit STC363





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ENGINE - THERMOSTAT HOUSING - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ERR1499	Thermostat housing	1	
2 ERR2803	Thermostat 88o	1	
3 ERR3682	Gasket-outlet-ther/house	1	
4 ETC5967	Connection-water outlet	1	NON AIR CON
ETC5958	Connection-water outlet	1	AIR CON
BTR6141	Hose-by pass-no heater	1	
5 PRC3359	Switch-temperature sensor	1	
6 ERR696	Washer copper M14	1	Note(1)
7 FB106081L	Bolt flange M6x40	3	
8 ETC8007	Gasket-thermostat housing	1	Note(1)
9 PRC8593	Transmitter thermal	1	
10 90568054	Washer sealing	1	
11 FS108251L	Bolt flange-M8x25	3	
12 CJ600304L	Clip top hose	1	

Note(1) Part of gasket kit STC362

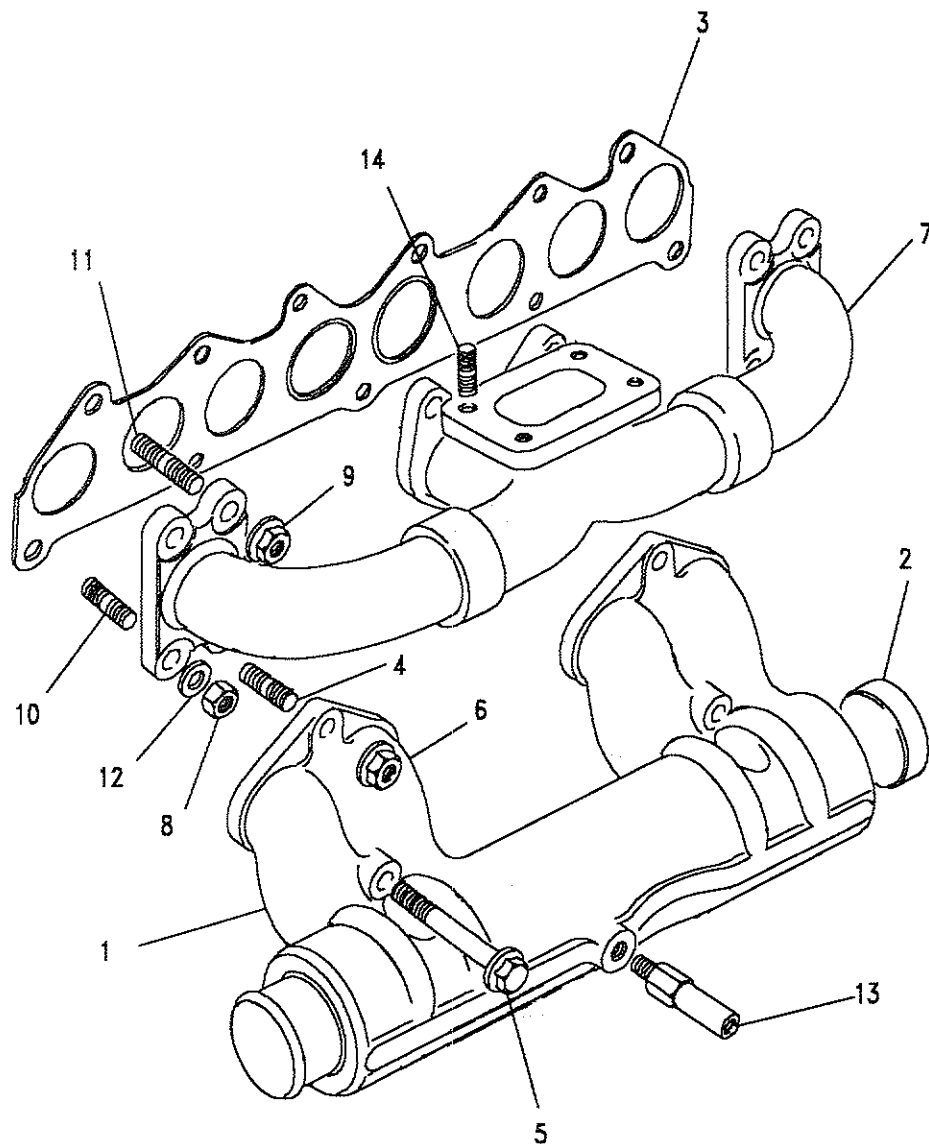


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ENGINE - MANIFOLDS - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ERR1435	Manifold inlet	1	
2 525428	Plug cup	1	
3 ERR1208	Gasket-manifold/head	1	Note(1)
4 TE108051L	Stud M8x25	2	
5 FB108161L	Bolt flange M8x80	2	
6 FN108041L	Nut flange M8	2	
7 ERR678	Manifold exhaust	1	
8 ERR597	Nut self/lock M10	2	
9 NT110041L	Nut M10	2	
10 TE110051L	Stud M10x25	5	
11 TE110071L	Stud M10x35	2	
12 WA110061L	Washer plain M10	7	
13 ETC7395	Bolt-support heatshield	1	
14 ERR551	Stud M8x20	4	

Note(1) Part of gasket kit STC362





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7.2.1

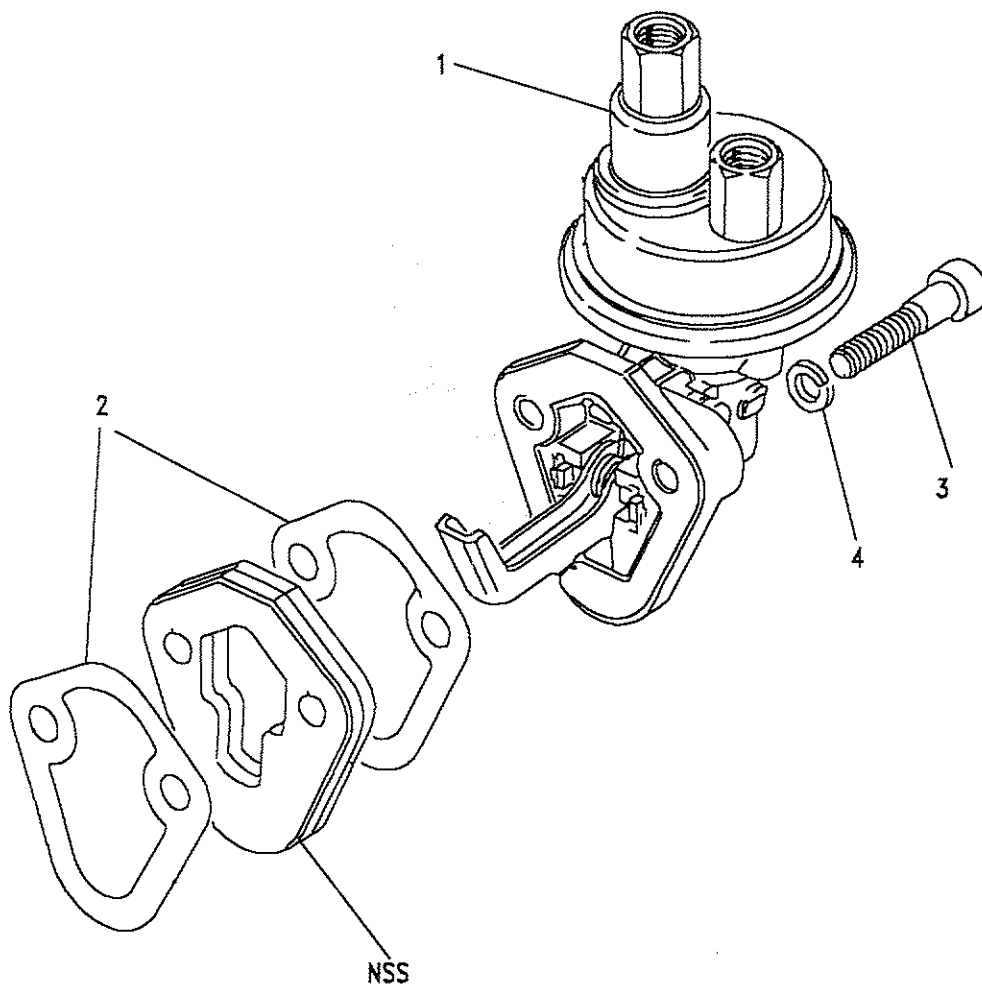
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ENGINE - FUEL PUMP - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ETC7869	Pump fuel	1	
2 ETC7970	Gasket-fuel Pump	2	Note(1)
ERR2028	Gasket-fuel Pump	2	From Jan 94
3 SS108301L	Screw socket	2	
4 WA108051L	Washer	2	

Note(1) Part of gasket kit STC363



7.2.1



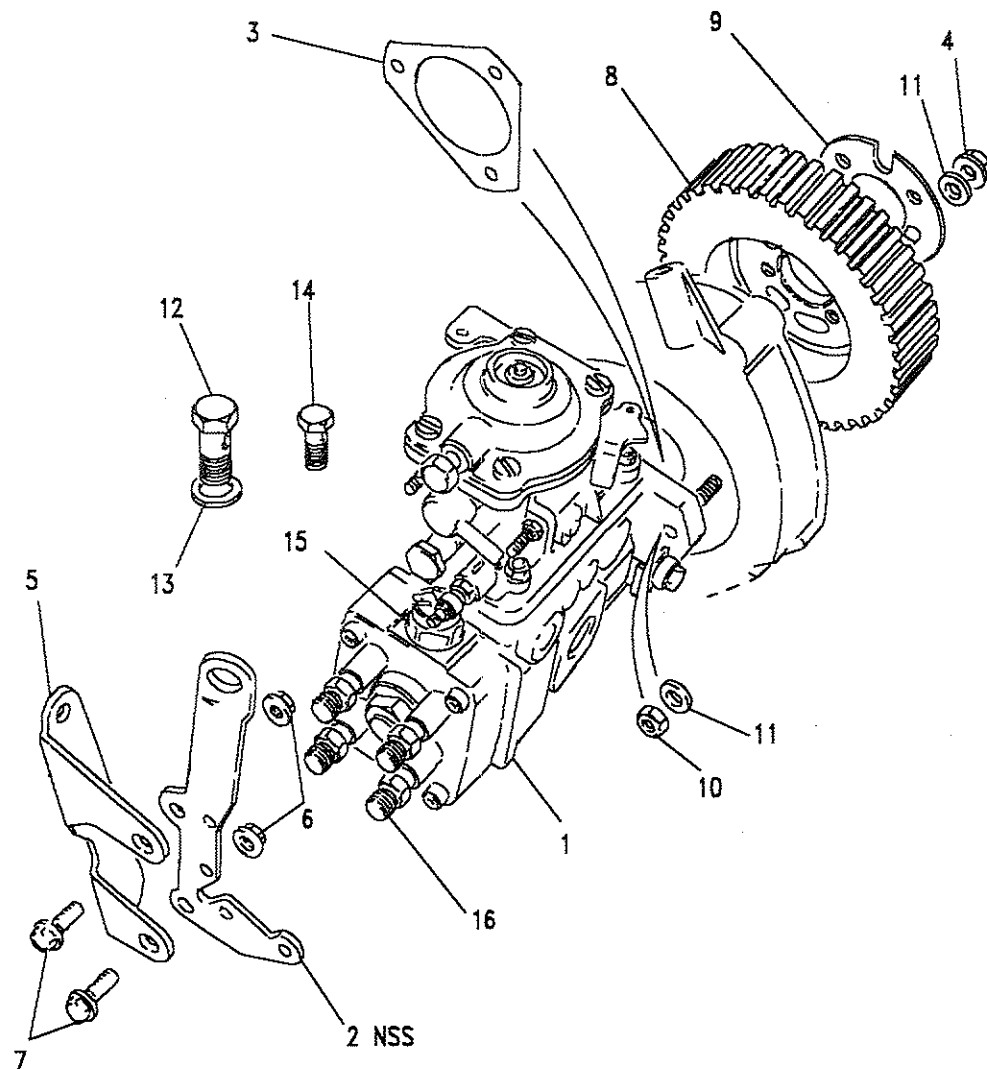
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ENGINE - INJECTION PUMP - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ERR1333	Pump fuel injection	1	
2	Bracket-F.I.E. abutment	1	Note(1)
3 ERR631	Gasket-fuel pump	1	Note(2)
4 FN108041L	Nut flange M8	3	
5 ERR1662	Bracket-F.I.E.	1	
6 FN108041L	Nut flange M8	2	
7 FS108207L	Screw flange M8x20	2	
8 ERR667	Pulley	1	
9 ERR359	Plate retaining-pulley	1	
10 FN108041L	Nut	3	
11 WA108051L	Washer plain	6	
12 ERR886	Bolt banjo	1	
13 ERR894	Washer copper	2	Note(2)
14 ERR1125	Bolt banjo-fuel inlet	1	
15 RTC6702	Switch fuel cut off	1	
16 STC262	Adaptors-F.I.E.pump	4	

Note(1) Not stocked separately-part of pump assembly

Note(2) Part of gasket kit STC363

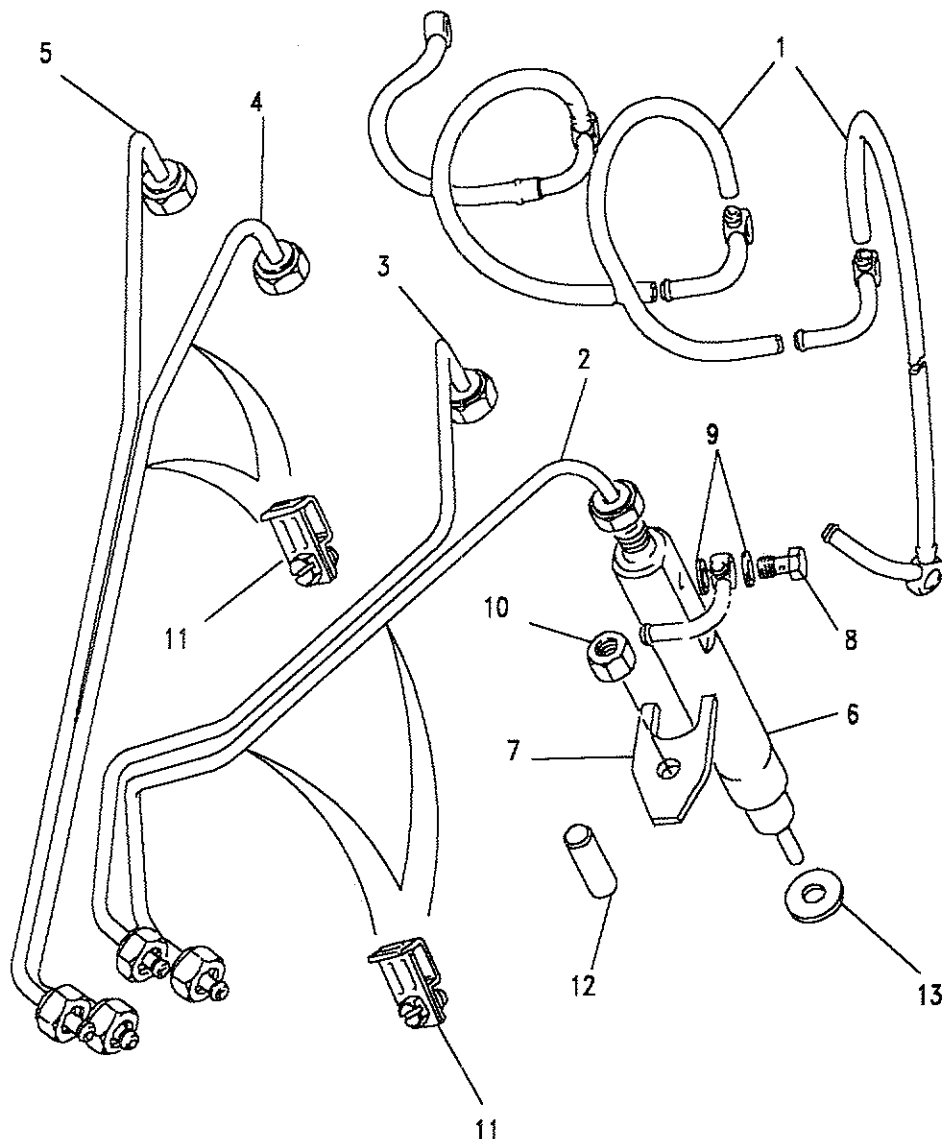


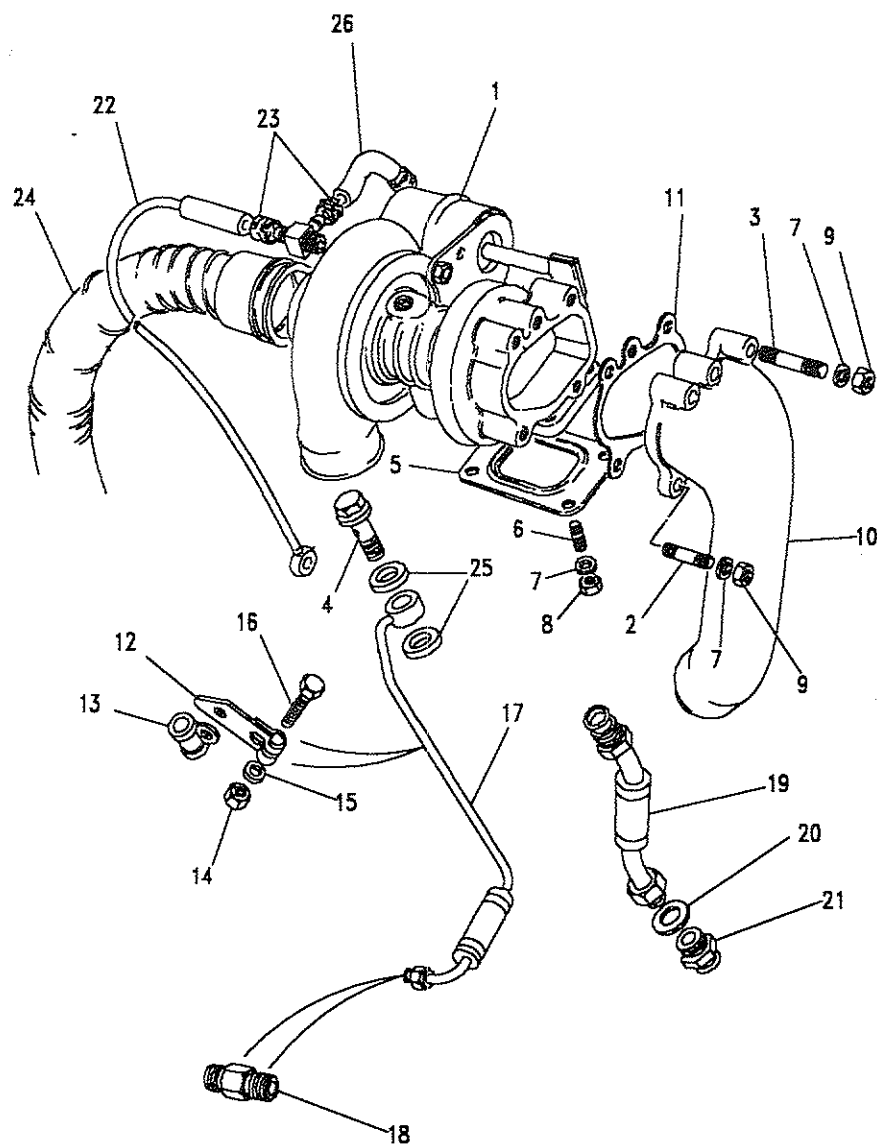
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ENGINE - INJECTORS AND PIPES - 200 TDI

III. Part No.	Description	Qty	Remarks
1	ERR3652	1	Spill return assembly
2	STC793	1	Pipe injectors No.1
3	STC794	1	Pipe injectors No.2
4	STC795	1	Pipe injectors No.3
5	STC796	1	Pipe injectors No.4
6	ETC8412	4	Injectors
7	ERR1509	4	Clamp injectors
8	ERR1200	4	Bolt banjo 6mm
9	ERR1304	8	Washer copper
10	FN108041L	1	Nut
11	AEU2129L	4	Clip 2 pipes
12	ETC8470	4	Dowel injector clamp
13	ETC8042	1	Washer sealing injector
	ERR4621	1	Washer sealing

Note(1) Up to 11L38460A
 Note(2) From 11L38461A
 Note(3) Part of gasket kit STC362





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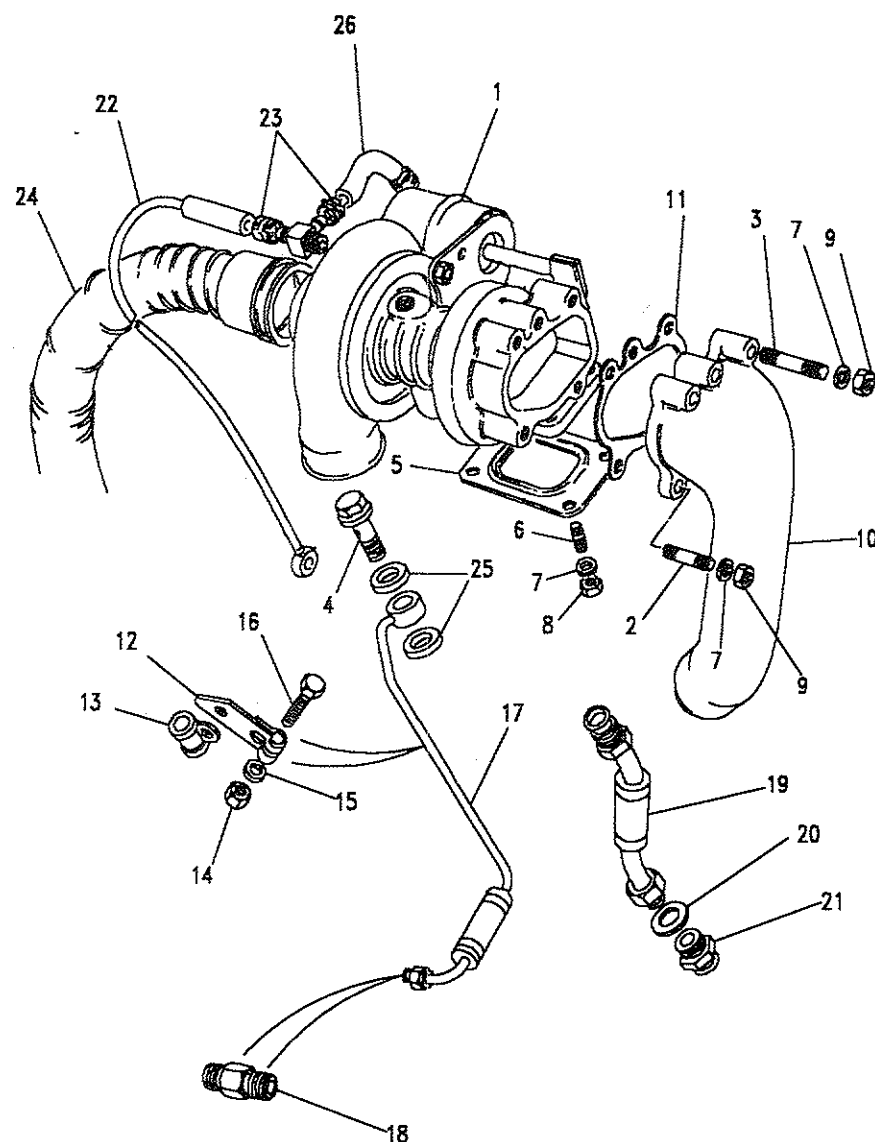
ENGINE - TURBO CHARGER - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ETC8751	Turbo charger	1	
ETC8751E	Turbo charger-exchange	1	
STC960	Actuator	1	
2 RTC6094	Stud M8x32	1	
3 RTC6093	Stud M8x48	4	
4 ERR1125	Bolt-banjo-oil feed	1	
5 ETC5710	Gasket-turbo to Exh/man	1	Note(1)
6 ERR551	Stud	4	
7 WA108051L	Washer M8	9	
8 ETC7184	Nut	4	
9 NH108065L	Nut M8	5	
10 ETC7058	Elbow-exhaust outlet	1	
11 ETC5898	Gasket-turbo to elbow out	1	Note(1)
12 ETC7351	Bracket-oil feed	1	
13 ETC8843	Clip cable	1	
14 NH105041L	Nut	1	

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ENGINE - TURBO CHARGER - 200 TDI



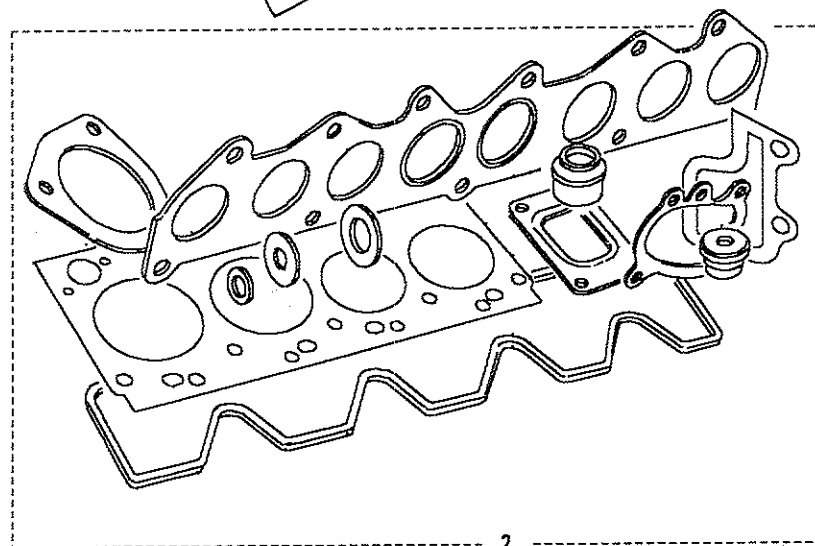
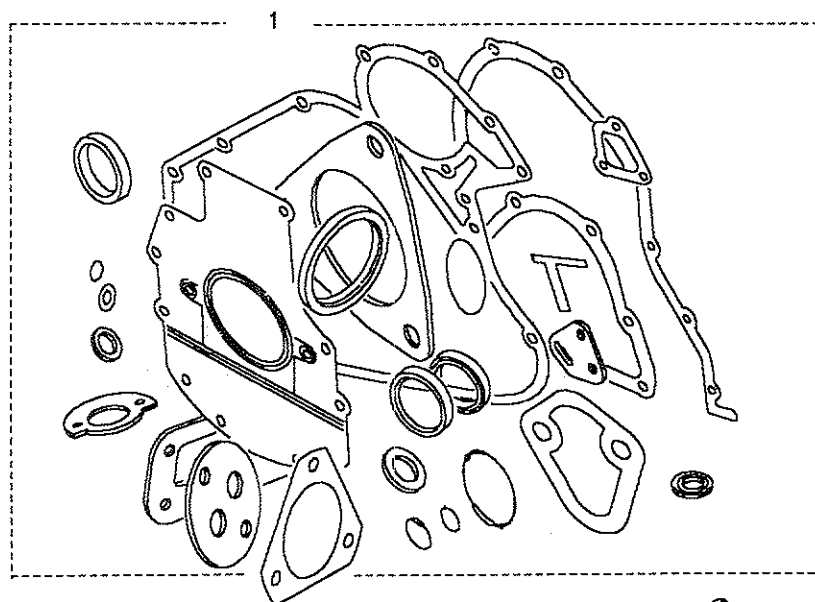
III. Part No.	Description	Qty	Remarks
15 WA105001L	Washer	1	
16 SH105251L	Screw	1	
17 ERR333	Pipe oil feed	1	UptoJAN1993
ERR3495	Pipe oil inlet	1	FromJAN1993
18 ETC8820	Adaptor oil feed	1	
19 ERR334	Pipe oil drain	1	UptoJAN1993
ERR3494	Pipe oil drain	1	FromJAN1993
20 ERR896	Washer-adaptor-oil drain	1	Note(1)
21 ERR335	Adaptor oil drain	1	
22 ERR1458	Pipe-turbo to inj/pump	1	
23 UKC3803L	Clamp-hose	2	
24 ESR415	Hose-turbo to cleaner	1	
25 FRC4808	Washer-sealing	2	
26 RTC5099	Hose-turbo-actuator	1	)Note(2)
STC1896	Hose-turbo-actuator	1	

Note(1)

Note(2)

Part of gasket kit STC362

Alternatives, RTC5099 is a 90 degree formed hose 60mm long and STC1896 is a loose hose 233mm long.



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ENGINE - GASKET KITS - 200 TDI

III. Part No.	Description	Qty	Remarks
1 STC1557	Gasket kit overhaul	1	
2 STC1172	Gasket kit decarbonising	1	



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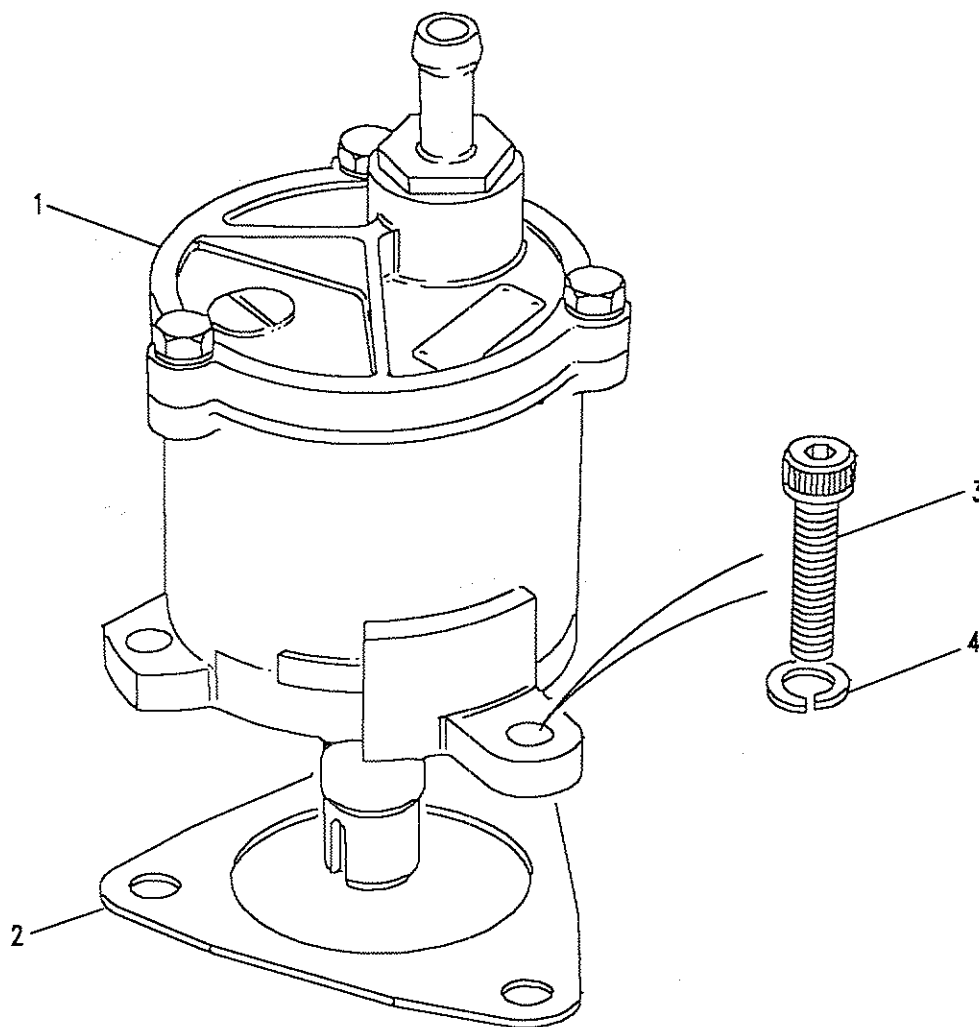
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ENGINE - VACUUM PUMP - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ERR535	Pump vacuum assembly	1	
2 SS108251L	Bolt M8x25	3	
3 WM600051L	Washer spring	3	
4 ETC4616	Gasket	1	Note(1)

Note(1) Part of gasket kit STC363

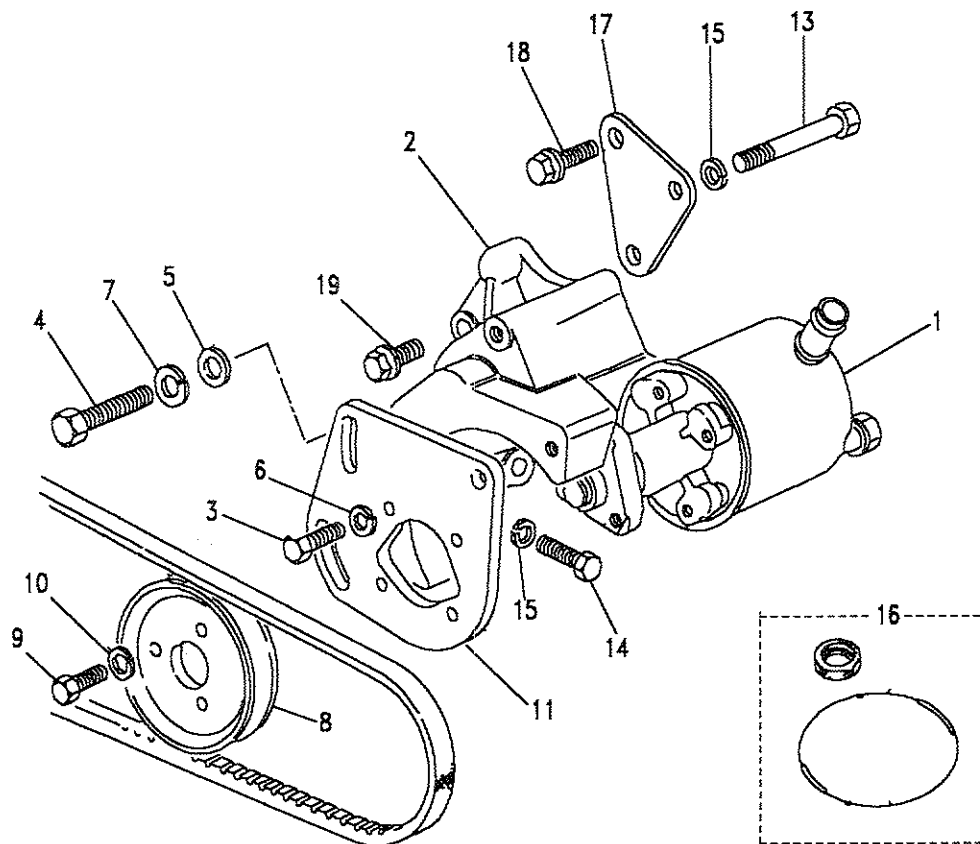




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ENGINE - POWER STEERING PUMP - 200 TDI

III. Part No.	Description	Qty	Remarks
1 NTC8287	Pump power steering	1	Upto 11L22454A
NTC9070	Pump power steering	1	From 11L22455A
2 ETC8854	Bracket	1	
3 FS106201L	Flange screw	4	
4 SH108251L	Screw-pump to bracket	3	
5 WA108051L	Washer-pump to bracket	2	
6 WL106001L	Washer spring	4	
7 WL108001L	Washer spring	3	
8 ETC5783	Pulley	1	
9 SH108141L	Screw-pulley to pump	3	
10 WL108001L	Washer spring	3	
11 ERR1976	Plate mounting	1	Upto 11L22454A
ERR2605	Plate mounting	1	From 11L22455A
12 ETC5815	Belt-power steering pump	1	
13 BH108181L	Bolt	1	
14 SH108251L	Screw	2	
SH108301L	Screw	1	
15 WL108001L	Washer spring	4	
16 RTC5935	Kit seal (NTC8287)	1	
STC1633	Kit seal (NTC9070)	1	
17 ERR1264	Plate spacer	1	
18 FS108161L	Screw	1	
19 FS108301L	Bolt	1	





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ENGINE

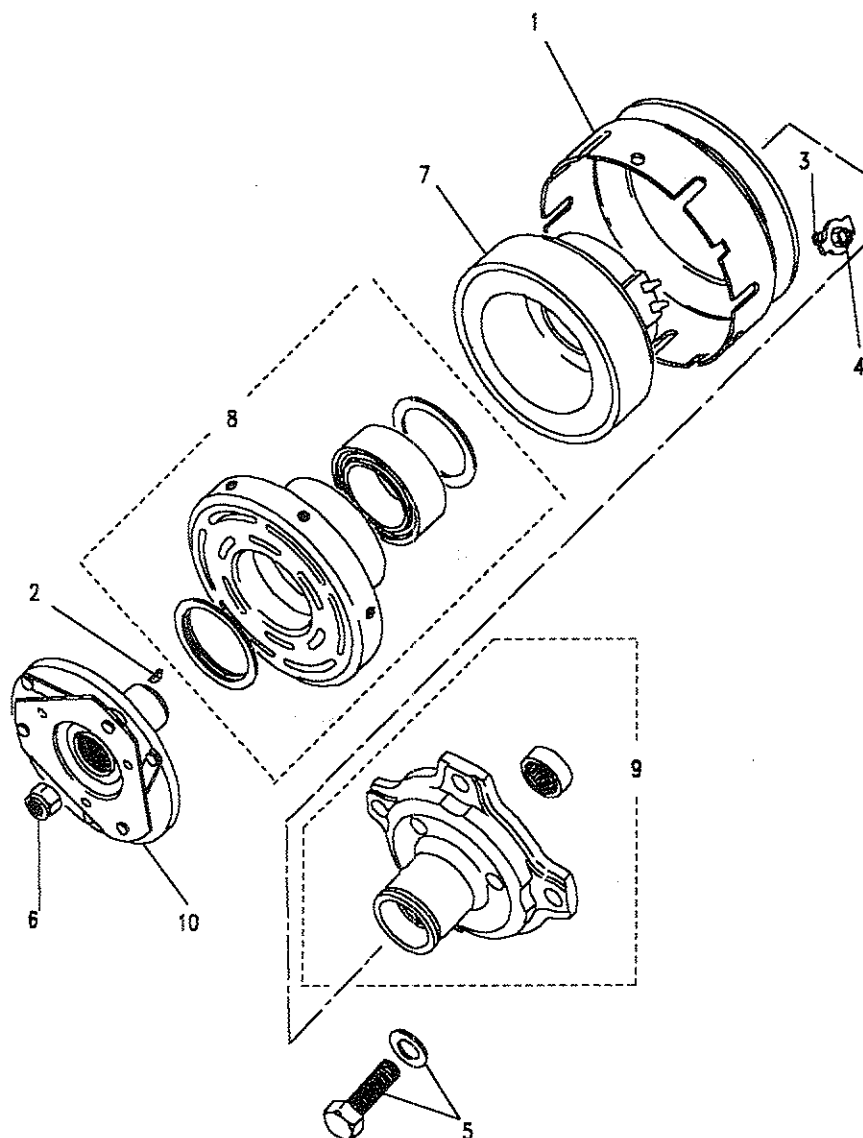


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ENGINE - AIR CONDITIONING COMPRESSOR - 200 TDI

III. Part No.	Description	Qty	Remarks
BTR9419	Compressor assembly	1	Note(2)
ERC6480	Compressor assembly	1	Note(1)
1 AEU1782	Pulley rim	1	
2 AEU1694	Key clutch hub	1	
3 AEU1780	Screw rim mounting	6	
4 AEU1779	Washer rim mounting	6	
5 AEU1784	Screw and washer assy	4	
6 AEU1775	Nut shaft	1	
7 AEU1778	Coil and housing assy	1	
8 AEU1777	Rotor and bearing assy	1	
9 AEU1785	Head front/bearing assy	1	
10 AEU1776	Clutch assembly	1	

Note(1) Up to VIN MA949374
Note(2) From VIN MA949375

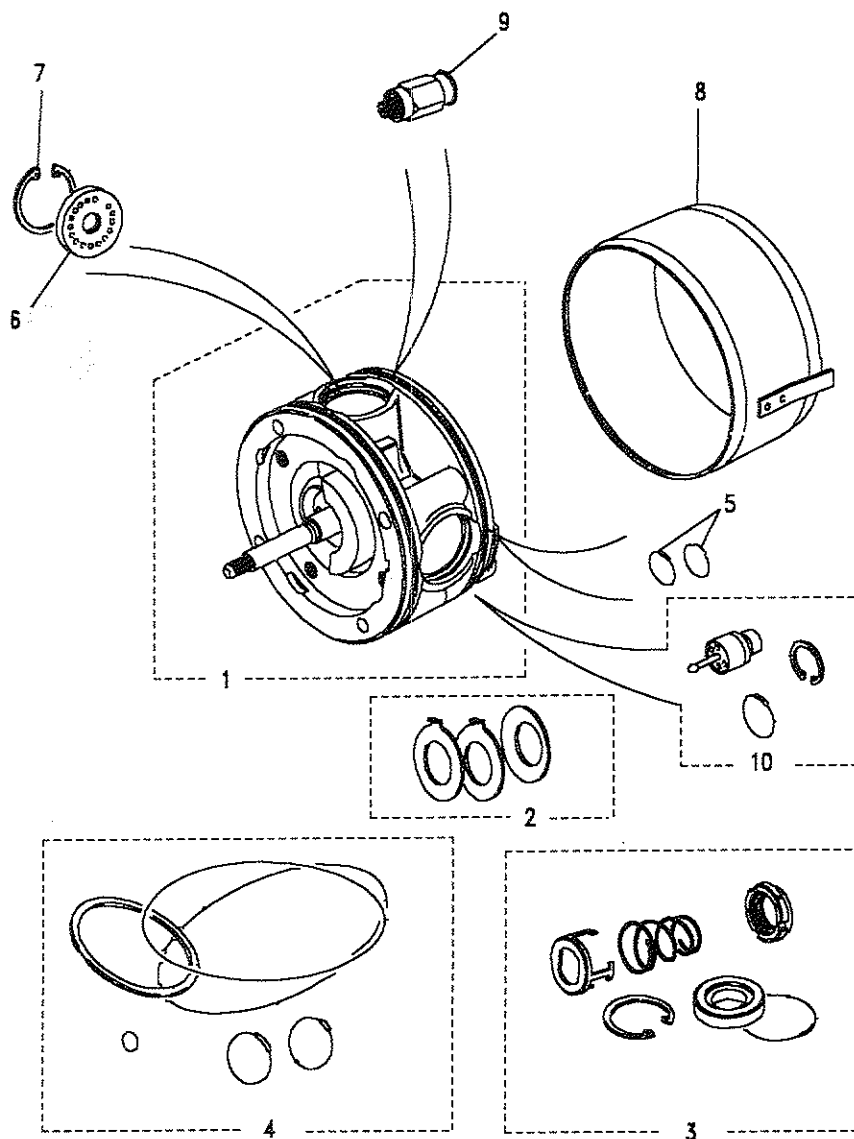


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ENGINE - KITS - COMPRESSOR - 200 TDI

III. Part No.	Description	Qty	Remarks
BTR9419	Compressor assembly	1	Note(2)
ERC6480	Compressor assembly	1	Note(1)
1 AEU1792	Kit cylinder/shaft assy	1	
2 AEU1791	Kit thrust washers	1	
3 AEU1790	Kit shaft seal	1	
4 AEU1192	Kit 'O' rings	1	
5 AEU1690	'O'ring	2	
6 AEU1788	Plate valve assembly	4	
7 AEU1787	Ring retaining	4	
8 AEU1786	Shell assembly	1	
9 AEU1689	Valve pressure release	1	
10 AEU1688	Kit superheat switch	1	
ETC4371	Belt driving	1	
AEU1691	Oil 525 visco 2pt(1136ml)	A/R	

Note(1) Up to VIN MA949374
 Note(2) From VIN MA949375

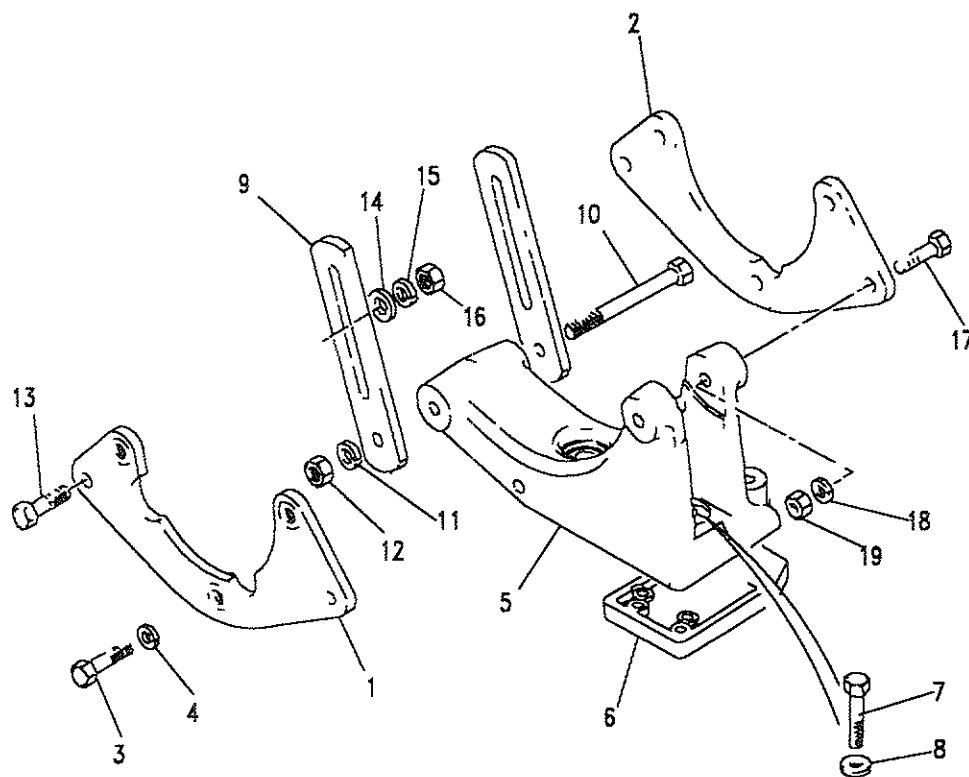


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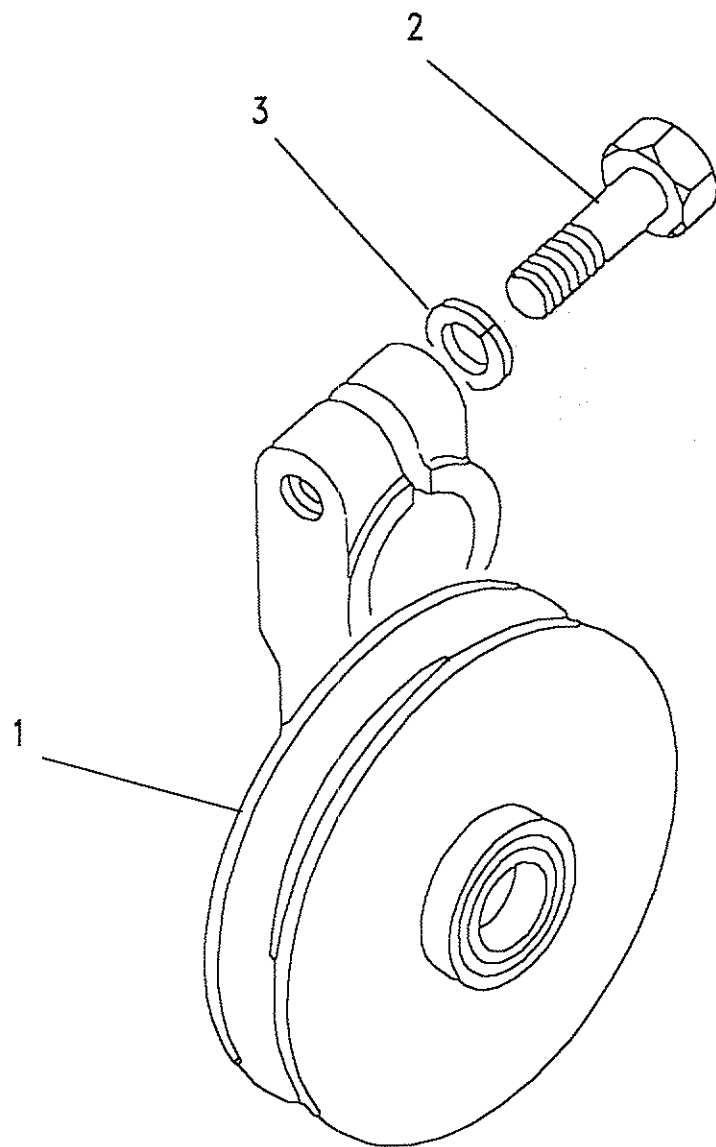
ENGINE - COMPRESSOR FIXINGS - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ERC7082	Plate mounting front	1	
2 ERC5152	Plate mounting rear	1	
3 BH110201L	Bolt compressor to plate	3	
4 WL110001L	Washer spring	3	
5 ETC4882	Bracket mounting compress	1	
6 ETC4197	Adaptor plate bracket	1	
7 BH110101L	Bolt bracket to cover	4	
8 WA110061L	Washer	4	
9 ERC5155	Link adjusting	2	
10 BH108181L	Bolt link to bracket	1	
11 WL108001L	Washer spring	1	
12 NH108041L	Nut	1	
13 SH108251L	Screw link to plate	2	
14 WA108051L	Washer	2	
15 WL108001L	Washer spring	2	
16 NH108041L	Nut	2	
17 FB108081L	Bolt bracket to plate	2	
18 WL108001L	Washer spring	2	
19 NH108041L	Nut	2	





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ENGINE - AIR CON IDLER PULLEY - 200 TDI

III. Part No.	Description	Qty	Remarks
1 614718	Pulley damper assembly	1	
2 BH605101L	Bolt	1	
3 WM600051L	Washer	1	



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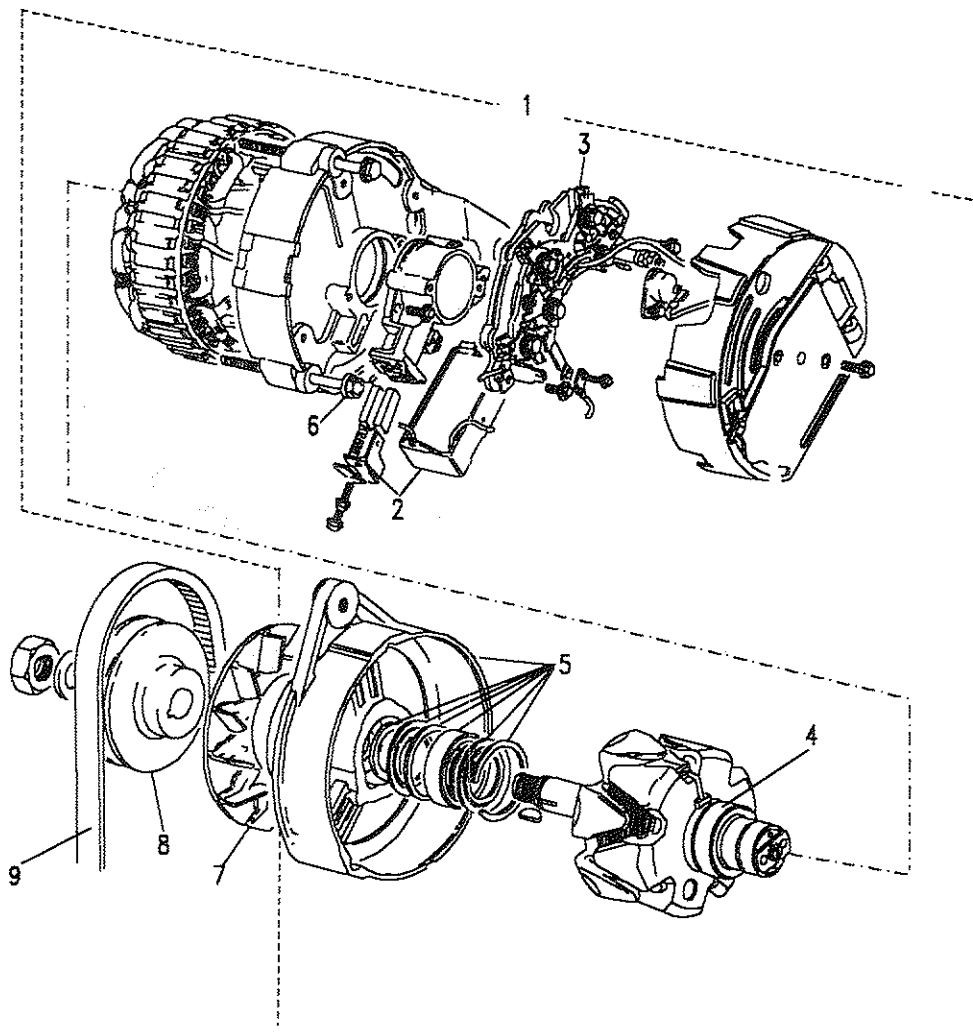
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ENGINE - ALTERNATOR - 200 TDI

III. Part No.	Description	Qty	Remarks
1 RTC5680N	Alternator A127/65AM	1	Note(1)
RTC5680E	Alternator A127/65AMP	1	
RTC5682N	Alternator A127/45AMP	1	Note(2)
RTC5682E	Alternator A127/45AMP	1	
2 RTC5670	Regulator & brush box	1	
3 RTC5671	Rectifier	1	
4 RTC5926	Bearing slip ring end	1	
5 RTC5687	Bracket & bearing-drive	1	
6 RTC5925	Kit through bolts	1	
7 AAU2249L	Fan	1	
8 RTC5686	Pulley	1	
9 ETC7939	Belt fan	1	
RTC5689	Spacer pulley	1	

Note(1) LUCAS NUMBER 24220

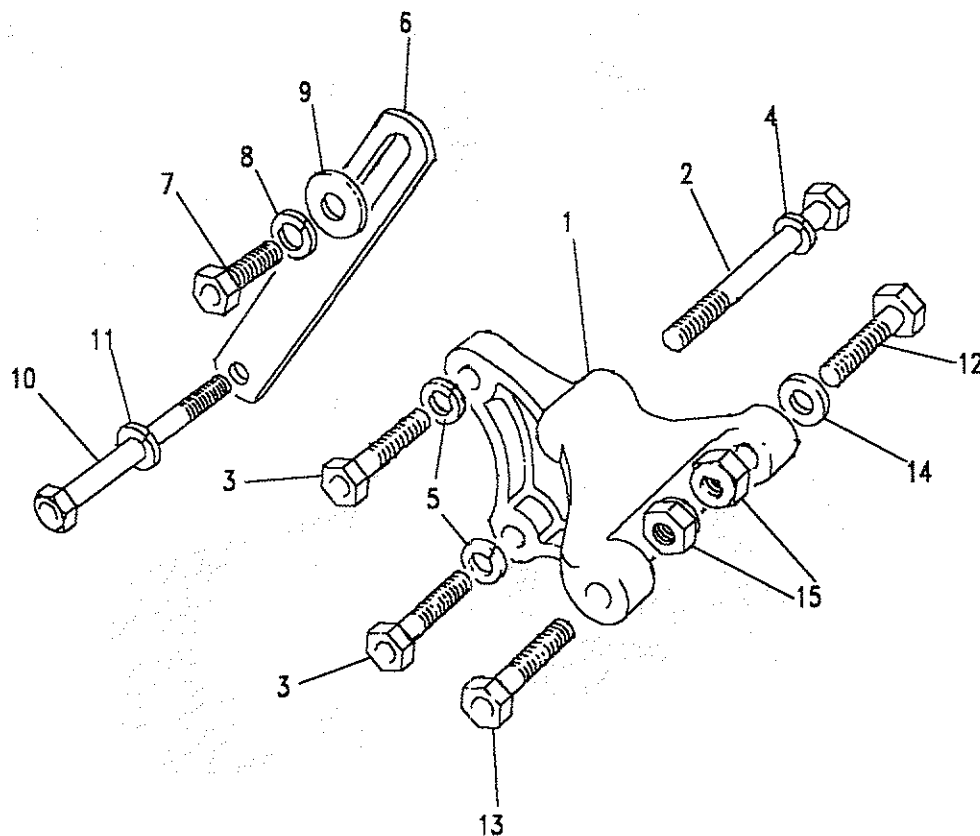
Note(2) LUCAS NUMBER 24199

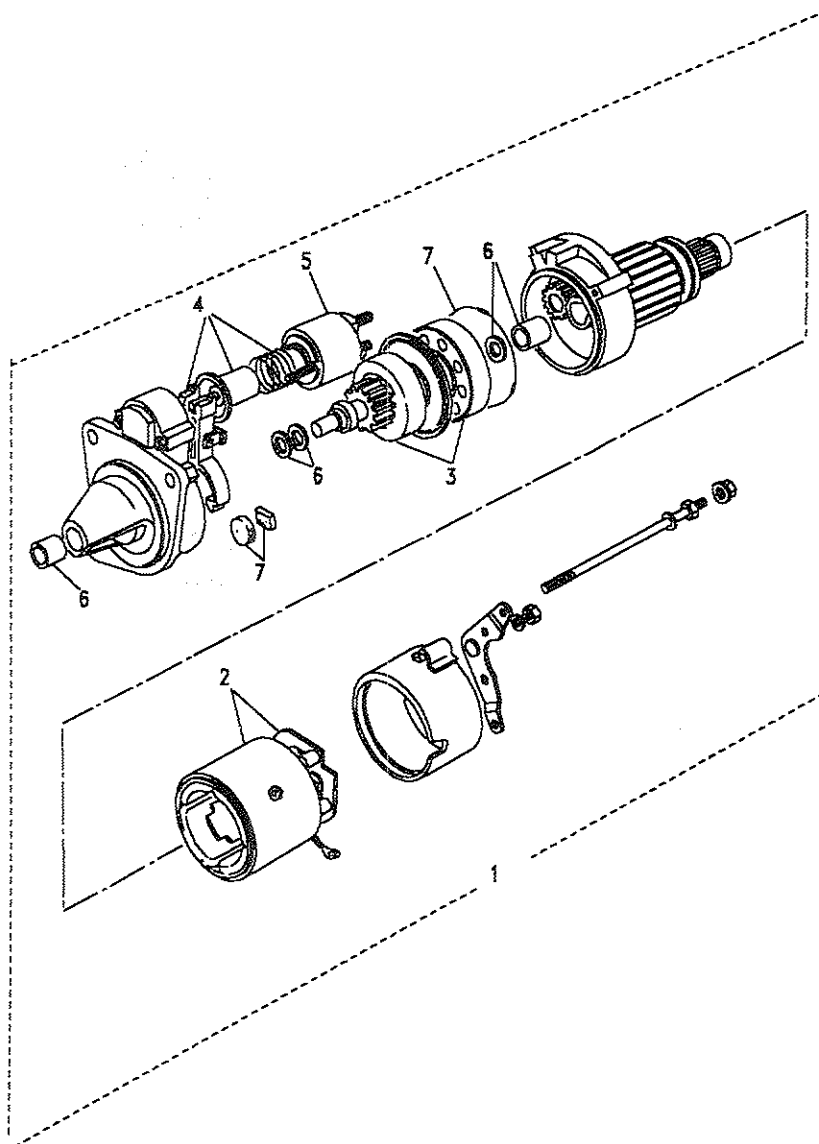


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ENGINE - FIXINGS ALTERNATOR - 200 TDI

III. Part No.	Description	Qty	Remarks
1 ETC4357	Bracket mounting	1	
2 BH108161L	Bolt bracket to block	1	
3 SH110301L	Bolt bracket to block	2	
4 WL108001L	Washer spring	1	
5 WL108001L	Washer spring	2	
6 ERC6266	Link adjusting	1	
7 FS108201L	Screw link to alternator	1	
8 WL108001L	Washer spring	1	
9 2266L	Washer	1	
10 ERC8964	Bolt link to block	1	
11 WL108001L	Washer spring	1	
12 FB108081L	Bolt bracket to block	1	
13 BH108091L	Bolt bracket to block	1	
ERC7974	Spacer	1	
14 WC108051L	Washer	1	
15 NY108041L	Nut nyloc	2	





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ENGINE - STARTER MOTOR - 200 TDI

III. Part No.	Description	Qty	Remarks
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Used up to 11L24823A

1	PRC5109N	Starter motor	1
	PRC5109E	Starter motor-exchange	1
2	RTC4981	Inductor-brush holder	1
3	RTC4982	Pinion drive assembly	1
4	RTC4979	Lever shift assembly	1
5	RTC4978	Solenoid	1
6	RTC4980	Kit repair	1
7	RTC4983	Kit gasket	1
	PRC5538	Cable earth	1

Starter Heatshield

8	ERR806	Heatshield starter motor	1
9	ERR807	Bracket	1
10	ERR808	Bracket	1
11	FS105107	Screw flanged	4

Starter To Flywheel Housing

	FS110301L	Screw	1
	FN110047	Nut m10	2
	WL110001L	Washer spring	3
	BH110091I	Bolt-starter to flywheel	1



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ENGINE

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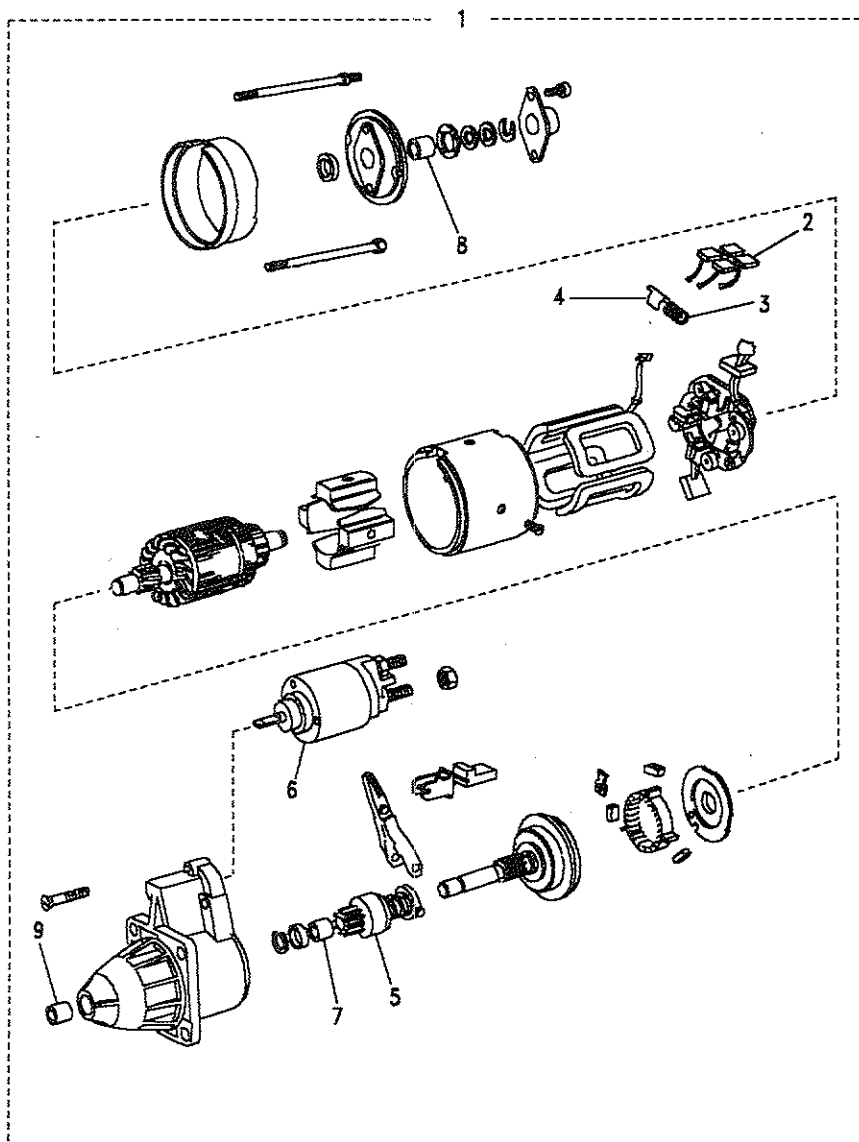
Page ADBMPE2A

ENGINE - STARTER MOTOR - 200 TDI

III. Part No.	Description	Qty	Remarks
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Used from 11L24824A

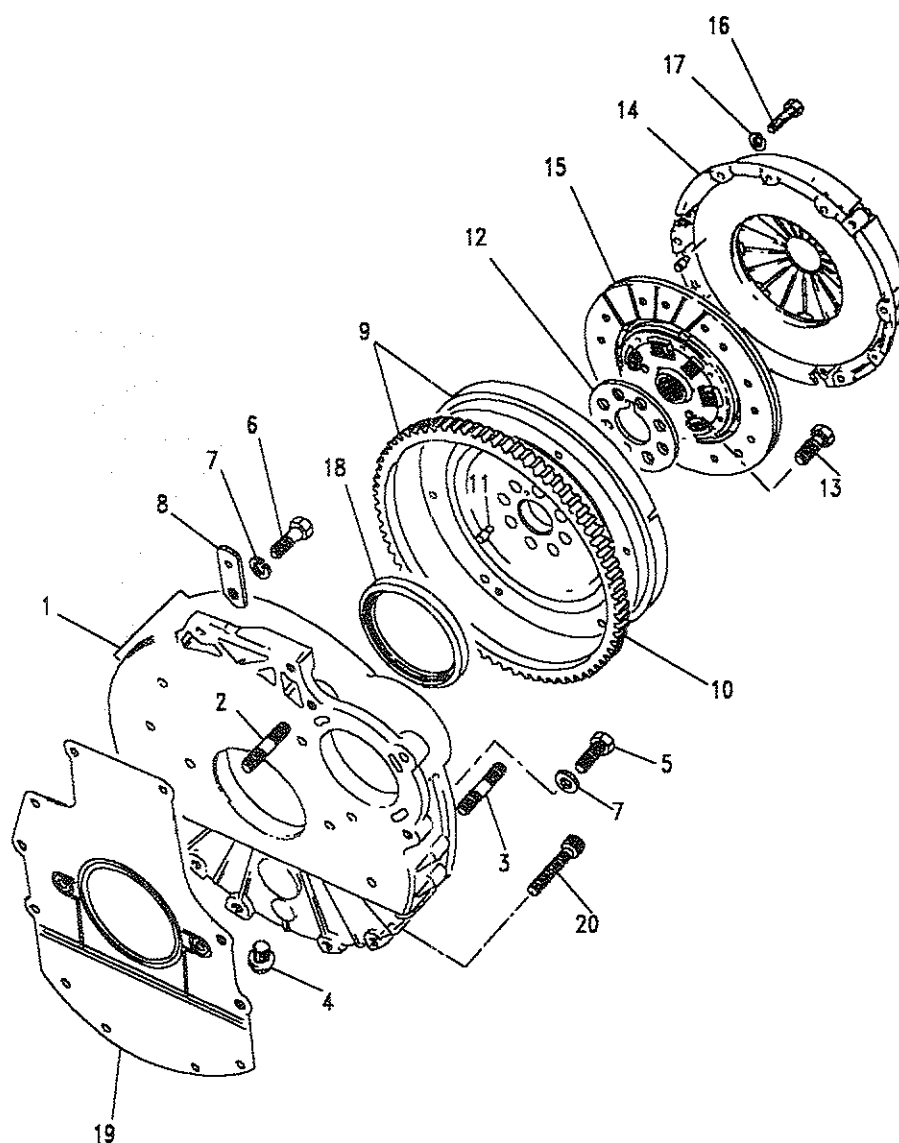
1	ERR5009	1	Starter motor
2	STC1246	1	Brush set
3	STC1254	4	Spring compression
4	STC1247	4	Guide brush
5	STC1244	1	Drive assembly
6	STC1245	1	Solenoid
7	STC1250	2	Bush
8	STC1251	1	Bush
9	STC1255	1	Bush



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ENGINE - FLYWHEEL & CLUTCH - 200 TDI



III. Part No.	Description	Qty	Remarks
1 ERR1330	Flywheel housing assy	1	Upto 60160A
ERR3924	Housing flywheel	1	From 60161A
2 TE110061L	Stud-bell housing	13	
3 ERC9240	Stud-starter motor	1	
4 ERC7295	Plug	1	
5 FS110301L	Screw	6	
6 BH110091L	Bolt-housing to block	2	
7 WA110061L	Washer-housing to block	6	
8 ERC9404	Bracket-harness clip	2	
9 ERR719	Flywheel assembly	1	
10 568431	Ring starter	1	
11 502116	Dowel	3	
12 ERC4658	Plate reinforcement	1	Note(2)
13 ERC6551	Bolt-flywheel to crank	8	Note(2)
ERR4574	Bolt-flywheel to crank	8	Note(2)
14 FTC575	Clutch cover	1	
15 FTC576	Clutch plate	1	
FTC1994	Clutch plate (Diesel 130)	1	
16 SX108201L	Screw	6	
17 WL108001L	Washer spring	6	
18 ERR1535	Oil seal	1	Note(1)
19 ERR1440	Gasket-f/wheel to/block	1	Note(1)
20 SS110801	Screw socket	4	

Note(1)

Part of gasket kit STC363

Note(2)

Plate deleted from June 93. If plate is not fitted use bolts ERR4574