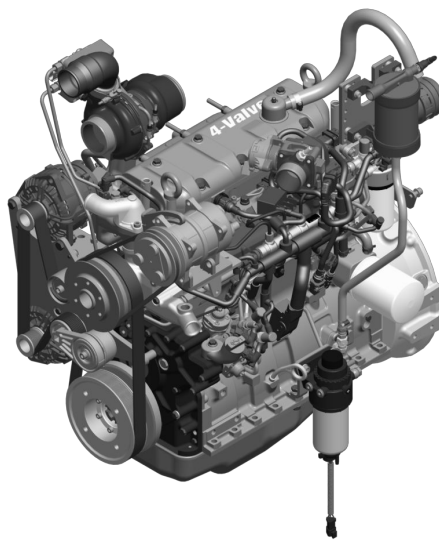




PARTS CATALOG



49 AWF

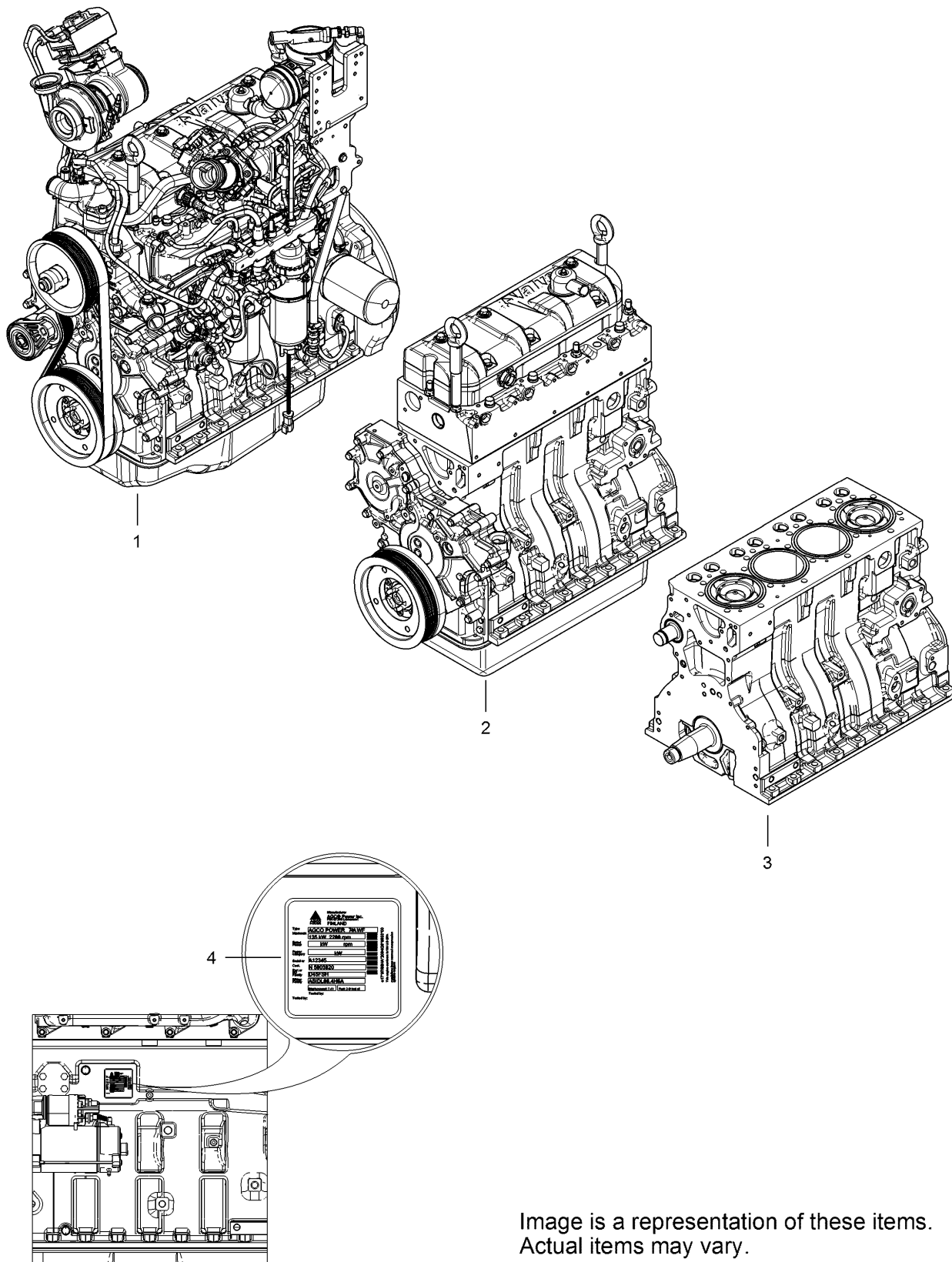
EMISSION STANDARD
TIER 4 FINAL

EBOM REVISION U



ENGINE, FUEL AND EXHAUST SYSTEM**01-000-TOC**

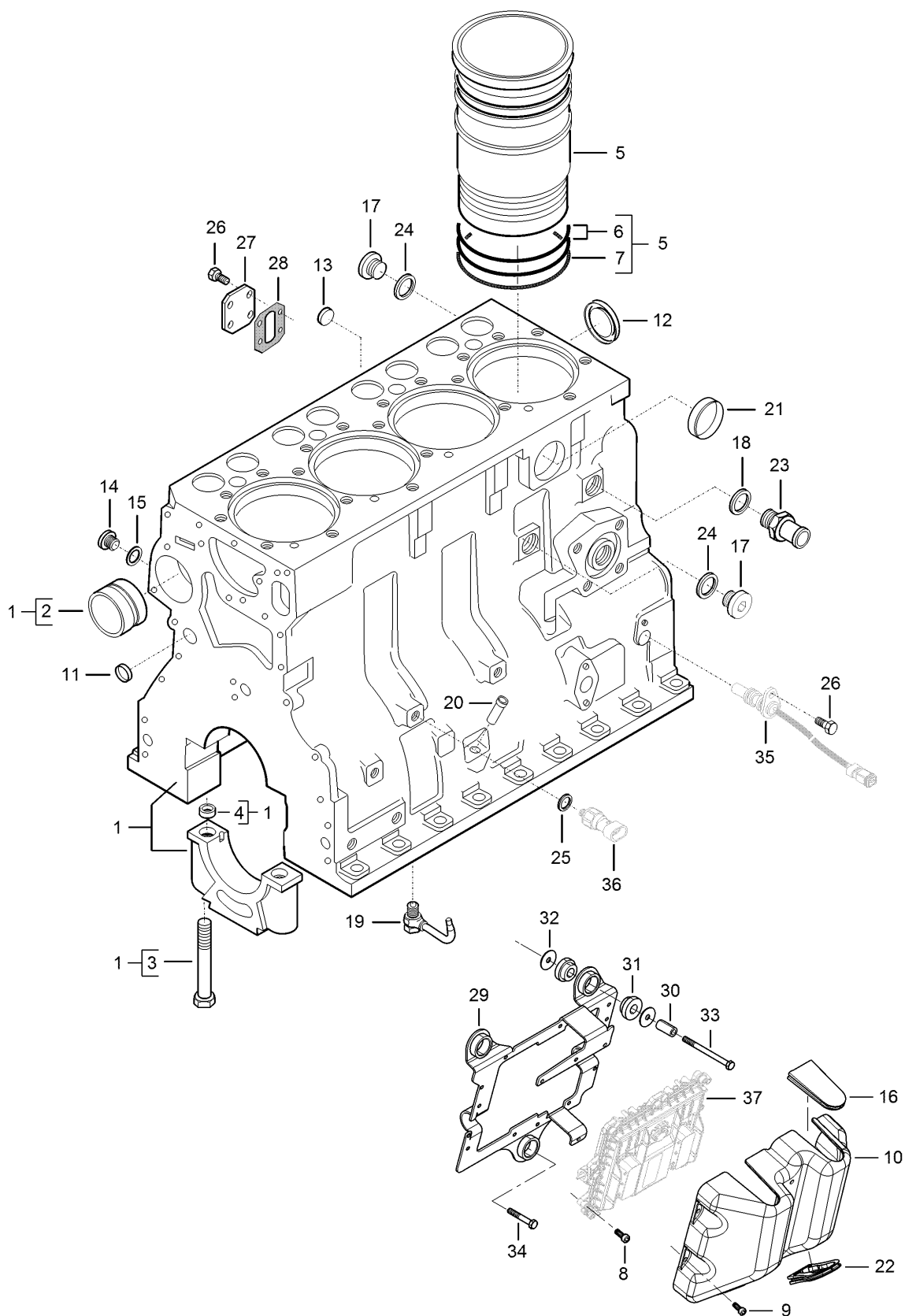
ENGINE ASSEMBLIES	01-0001
CYLINDER BLOCK	01-0002
TIMING GEARS AND HOUSING	01-0003
FLYWHEEL AND HOUSING	01-0004
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ENGINE ASSEMBLIES

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V834677367	1	ENGINE 124/2100 (KW/RPM)	49 AWF
2	V864677367V	1	LONG BLOCK ENGINE	49 AWF
3	V864677367X	1	SHORT BLOCK ENGINE	49 AWF
4	V837079921	1	LABEL ENGINE TYPE PLATE	

AP1C1707



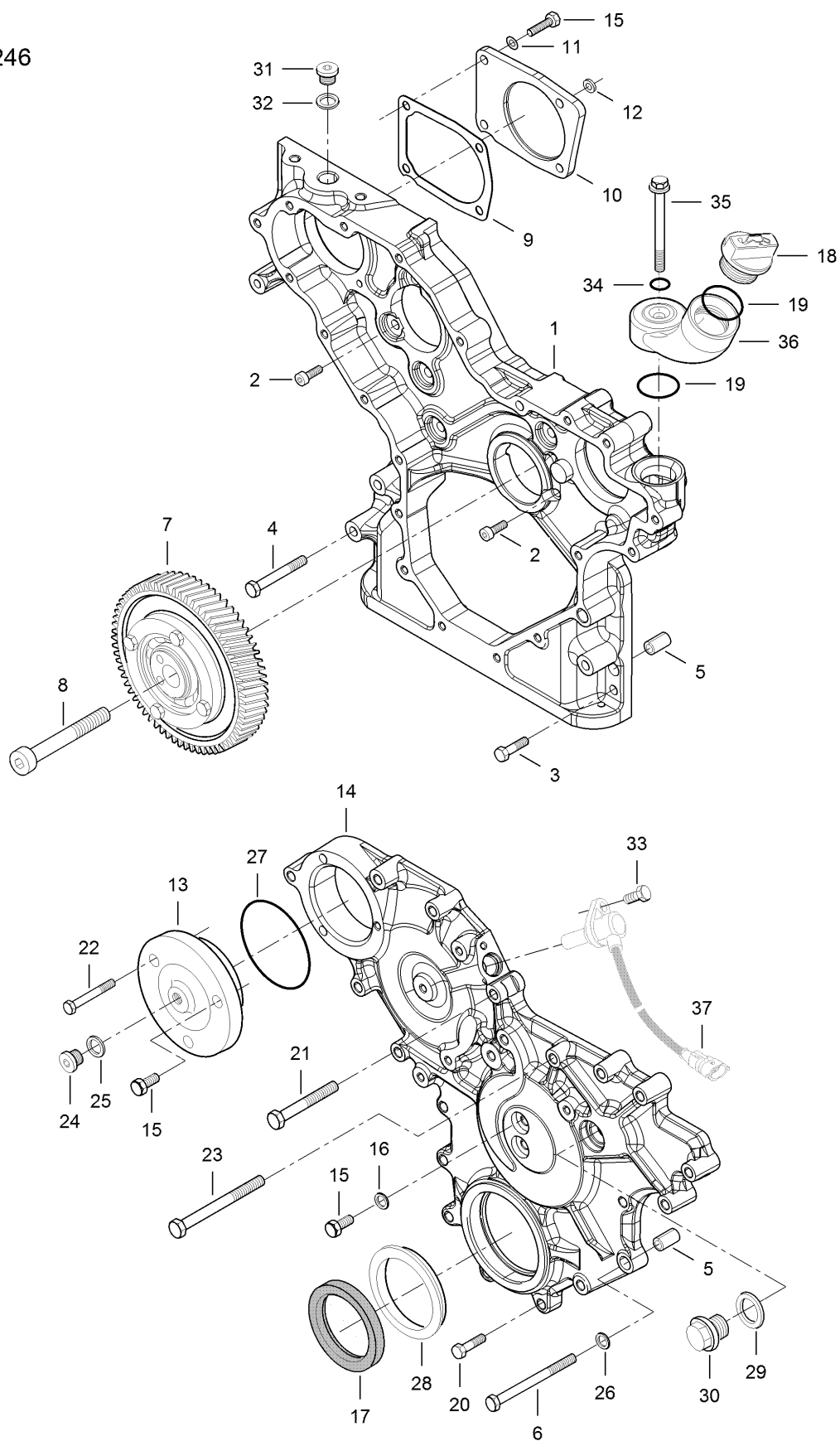
CYLINDER BLOCK

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V836773437	1	CYLINDER BLOCK	
2	V836866069	1	CAMSHAFT BEARING BUSH (1)	
3	V835329030	10	HEX CAP SCREW (1)	
4	V836214478	8	GUIDE SLEEVE (1)	
5	V836673191	4	LINER	
6	V836647502	8	CYLINDER LINER O-RING (5) [B]	
7	V836647503	4	CYLINDER LINER O-RING (5) [B]	
8	V581804222	8	HEX SOCKET SCREW	
9	V581804182	6	HEX SOCKET SCREW	
10	V837084080	1	COVER	
11	V640016016	4	PLUG [B]	
12	V836529872	1	PLUG	
13	V640016018	1	PLUG	
14	V640325110	4	PLUG	
15	V615871014	4	SEALING WASHER [B]	
16	V837084136	2	SHIELD	
17	V640325018	2	PLUG	
18	V615881822	1	SEALING WASHER [B]	
19	V837074224	4	PISTON COOLING JET	
20	V837070393	1	SLEEVE	
21	V640016040	1	PLUG	
22	V837084661	1	SHIELD	
23	V836119837	1	HOSE COUPLER	
24	V615881824	2	SEALING WASHER [B]	
25	V615871016	1	SEALING WASHER [B]	
26	V528801362	5	HEX CAP SCREW	
27	V836866957	1	COVER	
28	V836866958	1	GASKET [B]	
29	ACW1444390	1	ECU BRACKET	
30	V836855626	3	SPACER	
31	V837084129	6	DAMPER	
32	V500750842	6	WASHER	
33	V529801562	2	HEX CAP SCREW	
34	V529801440	1	HEX CAP SCREW	
35		1	SEE PAGE 01-0017	
36		1	SEE PAGE 01-0017	
37		1	SEE PAGE 01-0017	
			[B] INCLUDED IN COMPLETE ENGINE GASKET KIT 2	

01-0002

ENGINE, FUEL AND EXHAUST SYSTEM

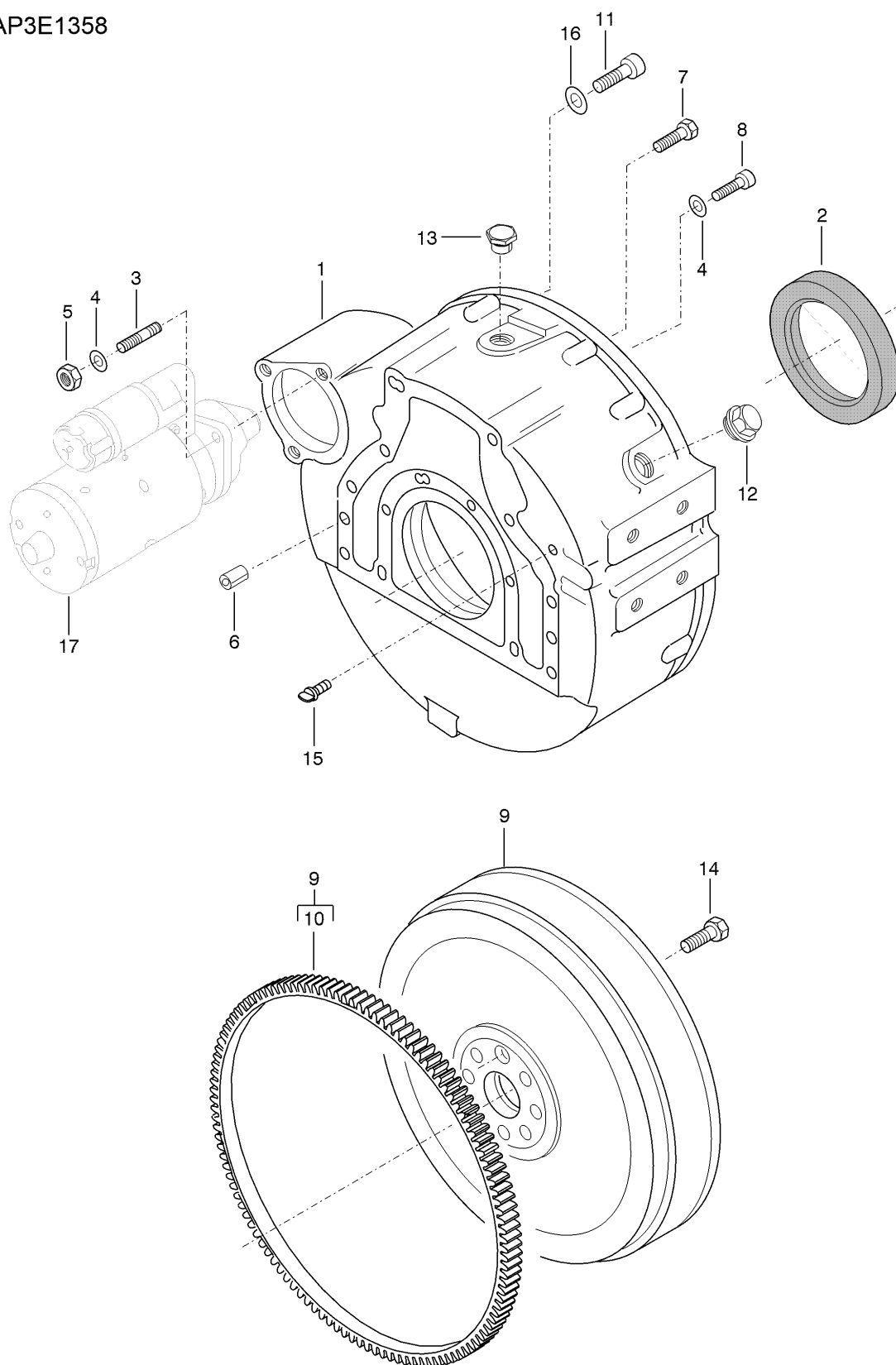
AP2D1246



TIMING GEARS AND HOUSING

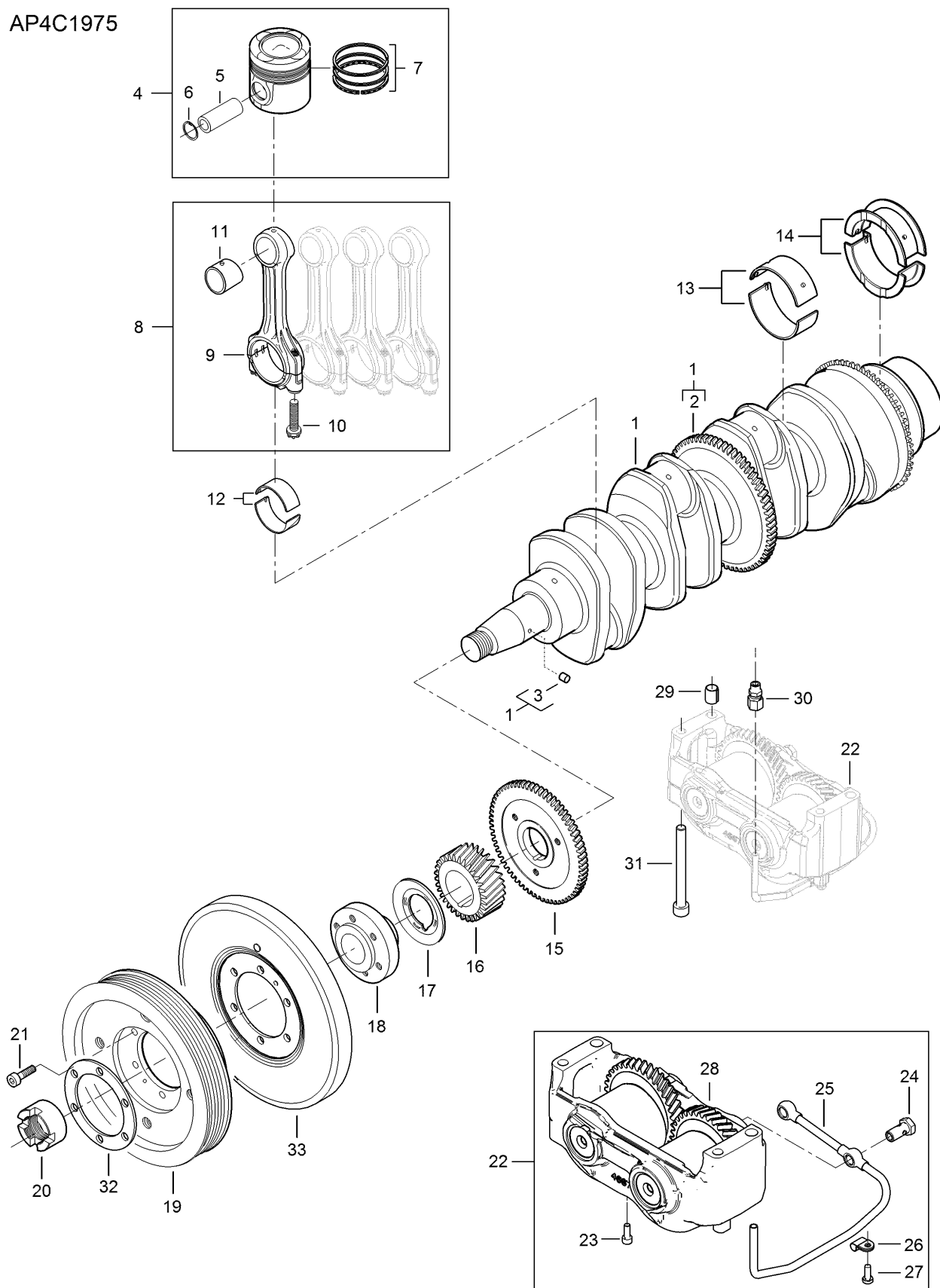
ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V837074709	1	TIMING GEAR CASE	
2	V581804602	10	HEX SOCKET SCREW	
3	V528801402	2	HEX CAP SCREW	
4	V529801470	3	HEX CAP SCREW	
5	V598359850	3	PIN	
6	V529801520	1	HEX CAP SCREW	
7	V837073583	1	IDLER GEAR	
8	V581705910	1	HEX SOCKET SCREW	
9	V836022077	1	GASKET [B]	
10	V837074618	1	COVER	
11	V500950800	3	SPRING WASHER	
12	V836015967	1	SEALING WASHER [B]	
13	V837070160	1	COVER	
14	V837074710	1	GEAR HOUSING FRONT COVER	
15	V528801382	7	HEX CAP SCREW	
16	V615870814	2	SEALING WASHER [B]	
17	V836840883	1	CRANKSHAFT SEAL [B]	
18	V837081106	1	OIL FILLER CAP	
19	V614603540	2	O-RING [B]	
20	V528801410	7	HEX CAP SCREW	
21	V529801440	8	HEX CAP SCREW	
22	V529801450	2	HEX CAP SCREW	
23	V529801540	1	HEX CAP SCREW	
24	V640325110	1	PLUG	
25	V615871014	1	SEALING WASHER [B]	
26	V836120989	1	WASHER	
27	V614606825	1	O-RING [B]	
28	V836855636	1	SHIELD	
29	V615882227	1	SEALING WASHER	
30	V640045022	1	PLUG	
31	V640325018	1	PLUG	
32	V615881822	1	SEALING WASHER [B]	
33	V528801082	1	HEX CAP SCREW	
34	V614901030	1	O-RING [B]	
35	V540801910	1	SCREW	
36	V837084014	1	ENGINE OIL FILL PIPE	
37		1	SEE PAGE 01-0017 [B] INCLUDED IN COMPLETE ENGINE GASKET KIT 2	

AP3E1358



FLYWHEEL AND HOUSING

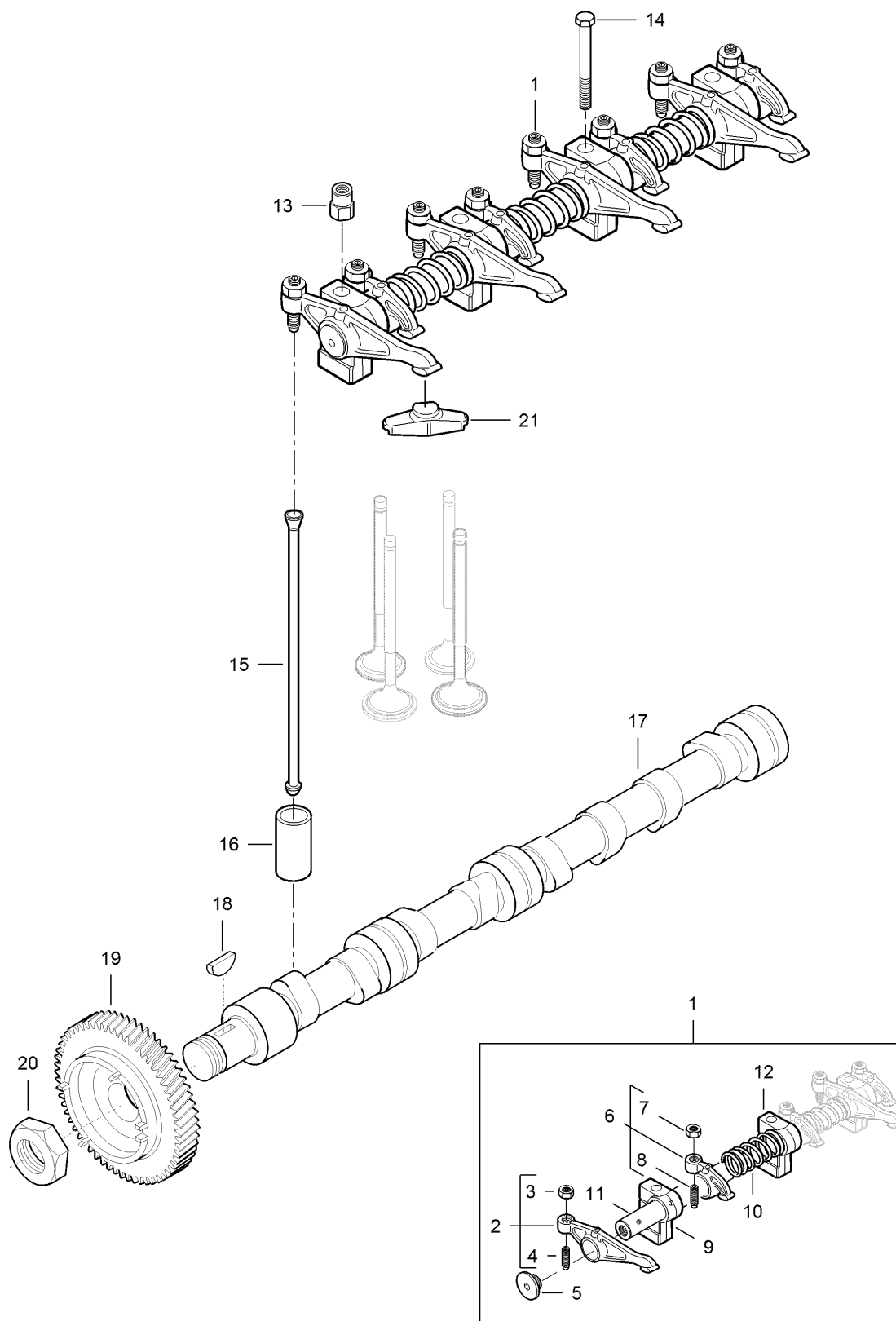
ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V836647440	1	FLYWHEEL HOUSING	
2	V837091172	1	CRANKSHAFT SEAL [B]	
3	V546801815	3	STUD BOLT	
4	V500951000	6	SPRING WASHER	
5	V504601000	3	NUT	
6	V598359850	2	PIN	
7	V528702220	6	HEX CAP SCREW	
8	V581705030	6	HEX SOCKET SCREW	
9	V836655066	1	FLYWHEEL	
10	V836117970	1	STARTER RING (9)	
11	V581705440	2	HEX SOCKET SCREW	
12	V640045126	1	PLUG	
13	V836019756	1	PLUG	
14	V528702230	8	HEX CAP SCREW	
15	V836859311	1	PLUG	
16	V500951200	1	SPRING WASHER	
17		1	SEE PAGE 01-0019 [B] INCLUDED IN COMPLETE ENGINE GASKET KIT 2	



CRANKSHAFT AND PISTONS

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V837073824	1	CRANKSHAFT	
2	V836124524	1	GEAR (1)	
3	V836867857	1	KEY (1)	
4	V837086209	4	PISTON	
5		4	NOT AVAILABLE AS SINGLE PART (4)	
6		8	NOT AVAILABLE AS SINGLE PART (4)	
7	V837079460	4	PISTON RING KIT (4)	
8	V836740859	1	CONNECTING ROD KIT	
9		4	NOT AVAILABLE AS SINGLE PART (8)	
10	V836864141	8	SCREW SPECIAL (8)	
11	V836110646	4	BEARING BUSH (8),(9)	
12	V836179781	4	CONROD BEARING	
13	V836655514	4	MAIN BEARING	
14	V836679154	1	MAIN BEARING	
15	V836674069	1	GEAR,CRANKSHAFT	
16	V837073560	1	GEAR,CRANKSHAFT	
17	V836855637	1	RING	
18	V837073677	1	CRANKSHAFT HUB	
19	V837084301	1	CRANKSHAFT PULLEY	
20	V836847641	1	CRANKSHAFT NUT	
21	V581804670	6	HEX SOCKET SCREW	
22	V837084821	1	COUNTERWEIGHT	
23	V581804182	2	HEX SOCKET SCREW (22)	
24	V640435008	2	BANJO BOLT (22)	
25	V836747478	1	OIL PIPE (22)	
26	V602071608	1	HOSE CLIP (22)	
27	V528801062	1	HEX CAP SCREW (22)	
28			NOT AVAILABLE AS SINGLE PART (22)	
29	V598359850	2	PIN	
30	V641016008	1	STRAIGHT FITTING	
31	V581805170	4	HEX SOCKET SCREW	
32	V837084248	1	INSTALLATION RING	
33	V837084282	1	DAMPER	

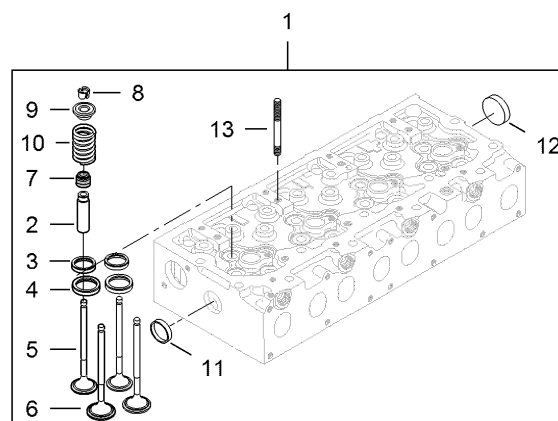
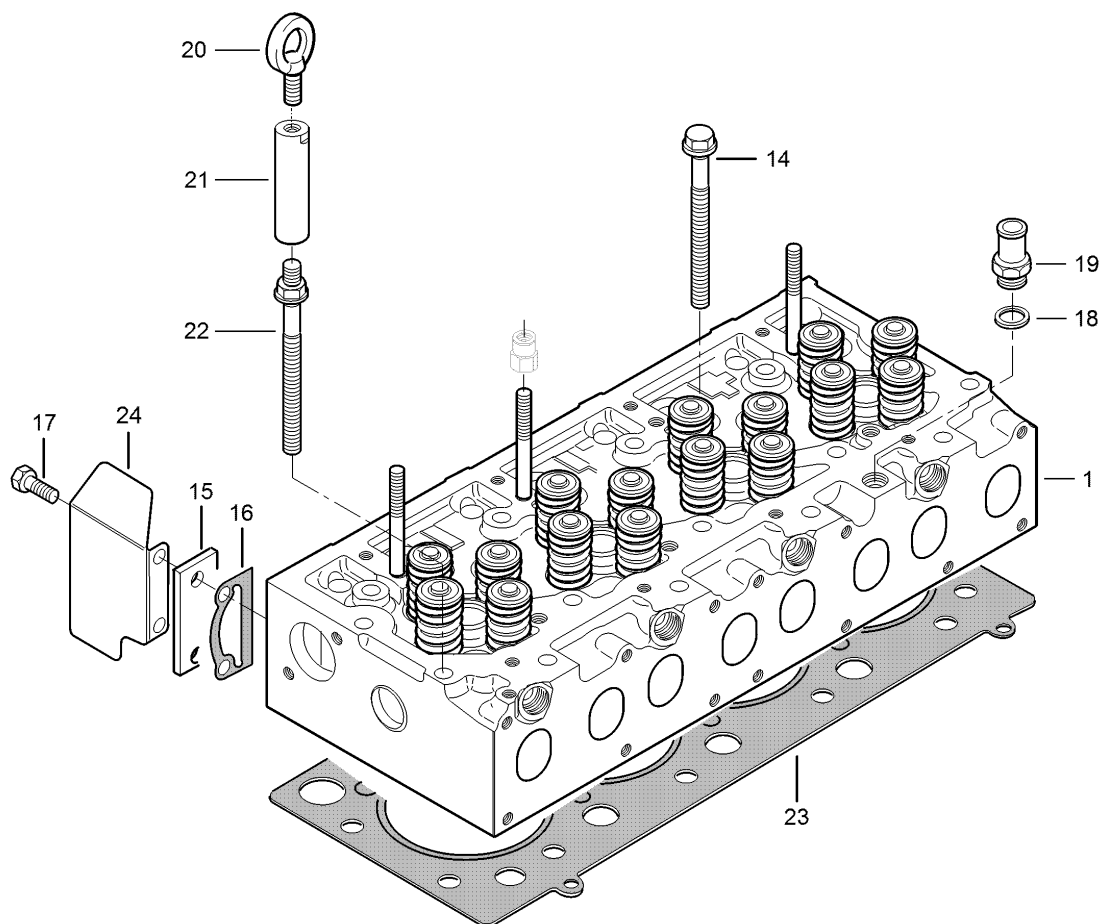
AP5B1960



CAMSHAFT AND VALVE MECHANISM

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V837070105	1	ROCKER SHAFT ASM	
2	V837069011	4	ROCKER ARM (1)	
3	V512861000	4	NUT (1),(2)	
4	V837069023	4	VALVE ROCKER ADJUSTMENT SCREW (1),(2)	
5	V837069020	2	PLUG (1)	
6	V837069013	4	ROCKER ARM (1)	
7	V512861000	4	NUT (1),(6)	
8	V837069023	4	VALVE ROCKER ADJUSTMENT SCREW (1),(6)	
9	V837069017	3	ROCKER SHAFT BRACKET (1)	
10	V837069019	3	SPRING (1)	
11	V837070104	1	SHAFT (1)	
12	V837069018	1	ROCKER SHAFT BRACKET (1)	
13	V836655406	3	NUT	
14	V529801910	1	HEX CAP SCREW	
15	V837084417	8	PUSH ROD	
16	V836014264	8	TAPPET	
17	V837073039	1	CAMSHAFT	
18	V603305760	1	WOODRUFF KEY	
19	V837073674	1	GEAR,CAMSHAFT	
20	V837069085	1	NUT	
21	V837073089	8	GUIDE	

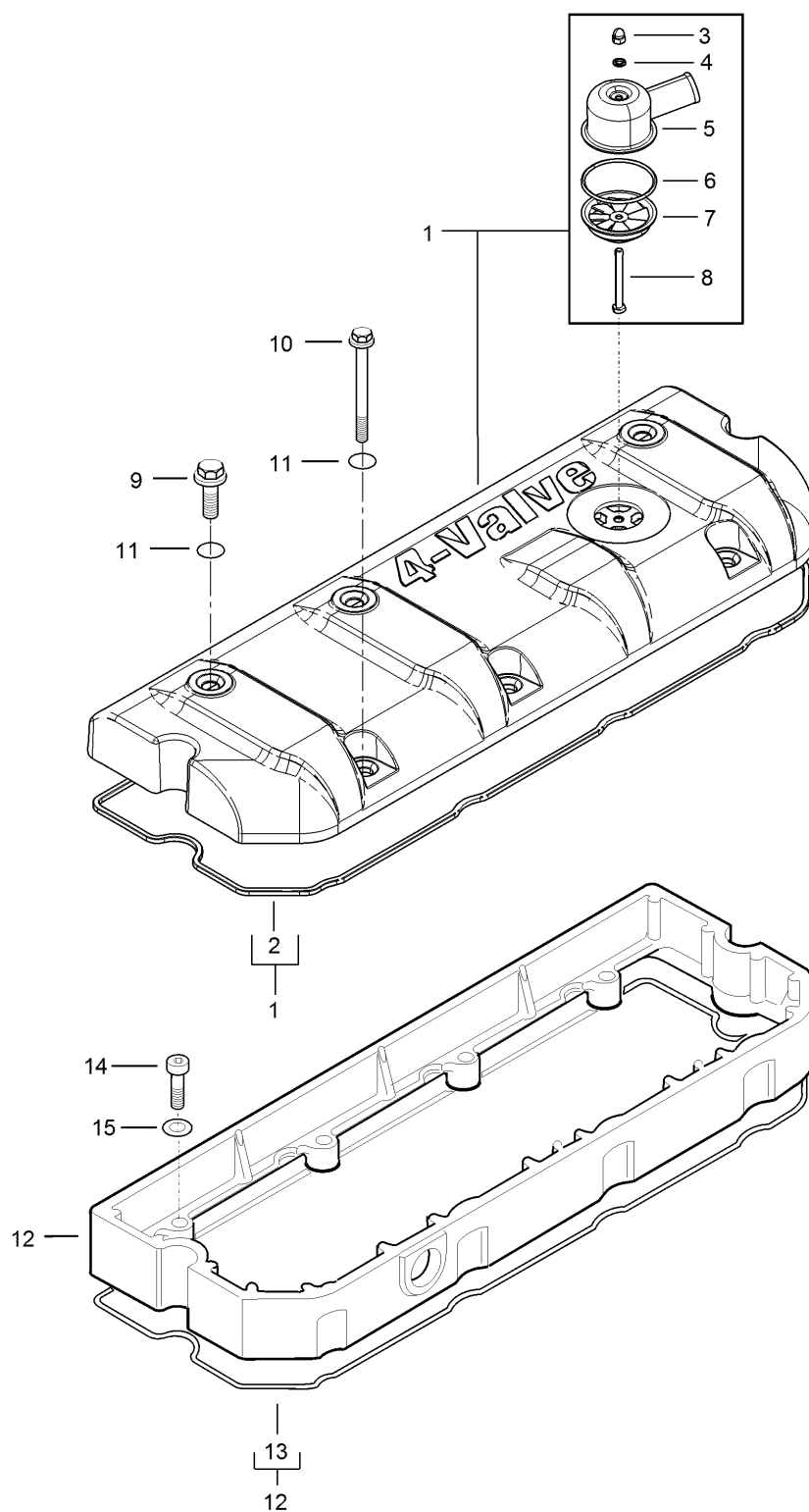
AP6C1976



CYLINDER HEAD

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V837073202	1	CYLINDER HEAD	
2	V837073174	16	VALVE GUIDE (1)	
3	V837064907	8	VALVE SEAT (1)	
4	V837064908	8	VALVE SEAT (1)	
5	V837069002	8	EXHAUST VALVE (1)	
6	V837069003	8	INTAKE VALVE (1)	
7	V837073165	16	VALVE STEM GASKET (1) [A]	
8	V837064910	32	COTTER (1)	
9	V837069004	16	SPRING PLATE (1)	
10	V837069005	16	VALVE SPRING (1)	
11	V836647942	5	PLUG (1)	
12	V640016045	1	PLUG (1)	
13	V546801900	3	STUD BOLT (1)	
14	V837069025	18	CYLINDER HEAD BOLT	
15	V836855350	1	COVER	
16	V836867753	1	GASKET [A]	
17	V528801800	2	HEX CAP SCREW	
18	V615881822	1	SEALING WASHER [A]	
19	V836119837	1	HOSE COUPLER	
20	V836640752	2	LIFT EYE	
21	V836867567	4	LIFTING EYE EXTENSION	
22	V837073571	4	CYLINDER HEAD BOLT	
23	V837084524	1	CYLINDER HEAD GASKET [A]	
24	V836759450	1	HEATSHIELD [A] INCLUDED IN CYLINDER HEAD GASKET KIT 1	

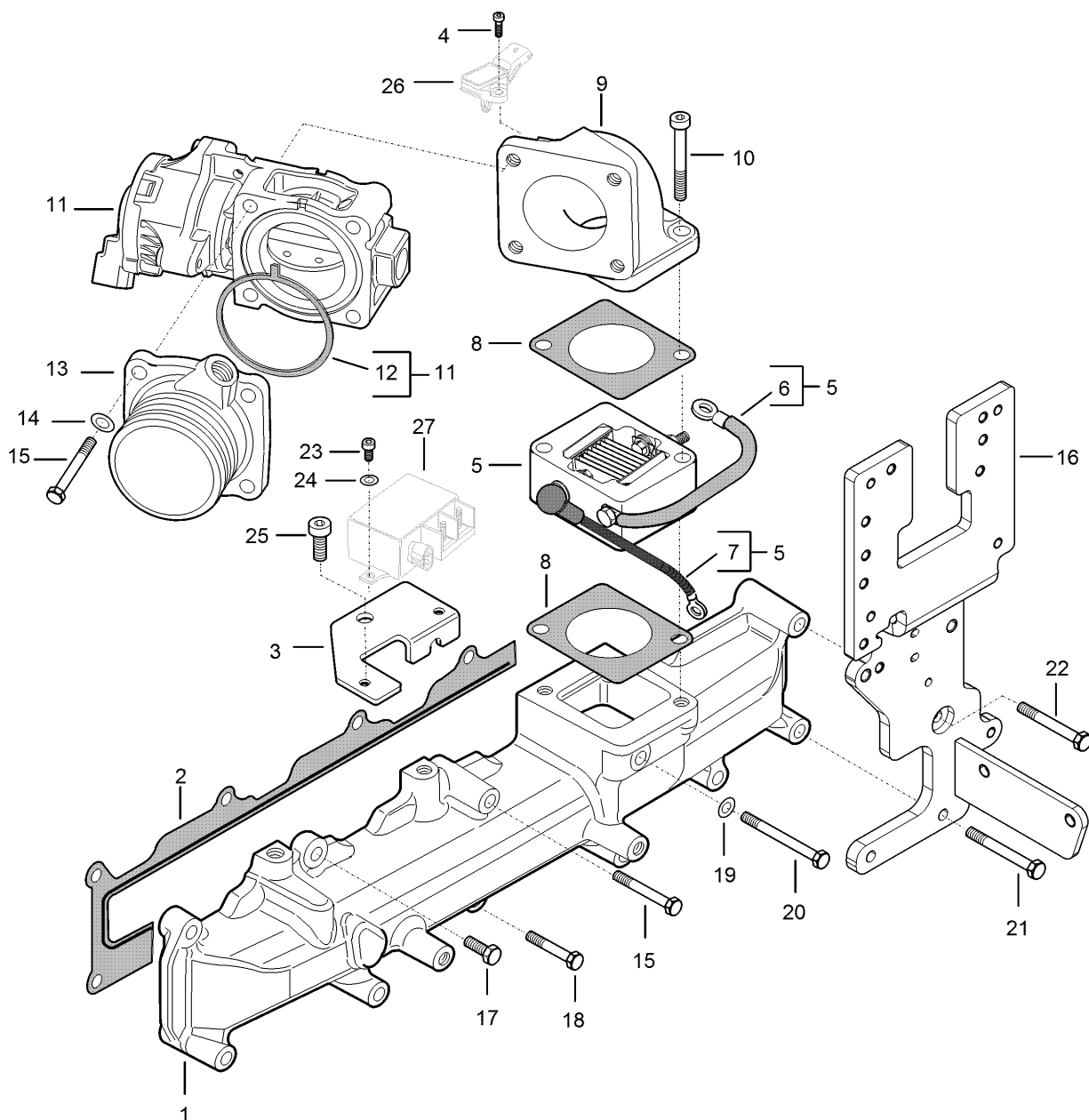
AP35B1963



VALVE ROCKER COVER

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V837086138	1	VALVE ROCKER COVER	
2	V837070128	1	VALVE ROCKER COVER GASKET (1) [A]	
3	V519600602	1	NUT (1)	
4	V836684766	1	SEALING WASHER (1)	
5	V837070442	1	BREATHER (1)	
6	V614605930	1	O-RING (1)	
7	V837070443	1	BREATHER (1)	
8	V528801172	1	HEX CAP SCREW (1)	
9	V540801780	3	HEX CAP SCREW	
10	V540801910	3	SCREW	
11	V614901030	6	O-RING [A]	
12	V837084224	1	VALVE ROCKER COVER FRAME	
13	V837070128	1	VALVE ROCKER COVER GASKET (12) [A]	
14	V581804630	4	HEX SOCKET SCREW	
15	V500950800	4	SPRING WASHER	
			[A] INCLUDED IN CYLINDER HEAD GASKET KIT 1	

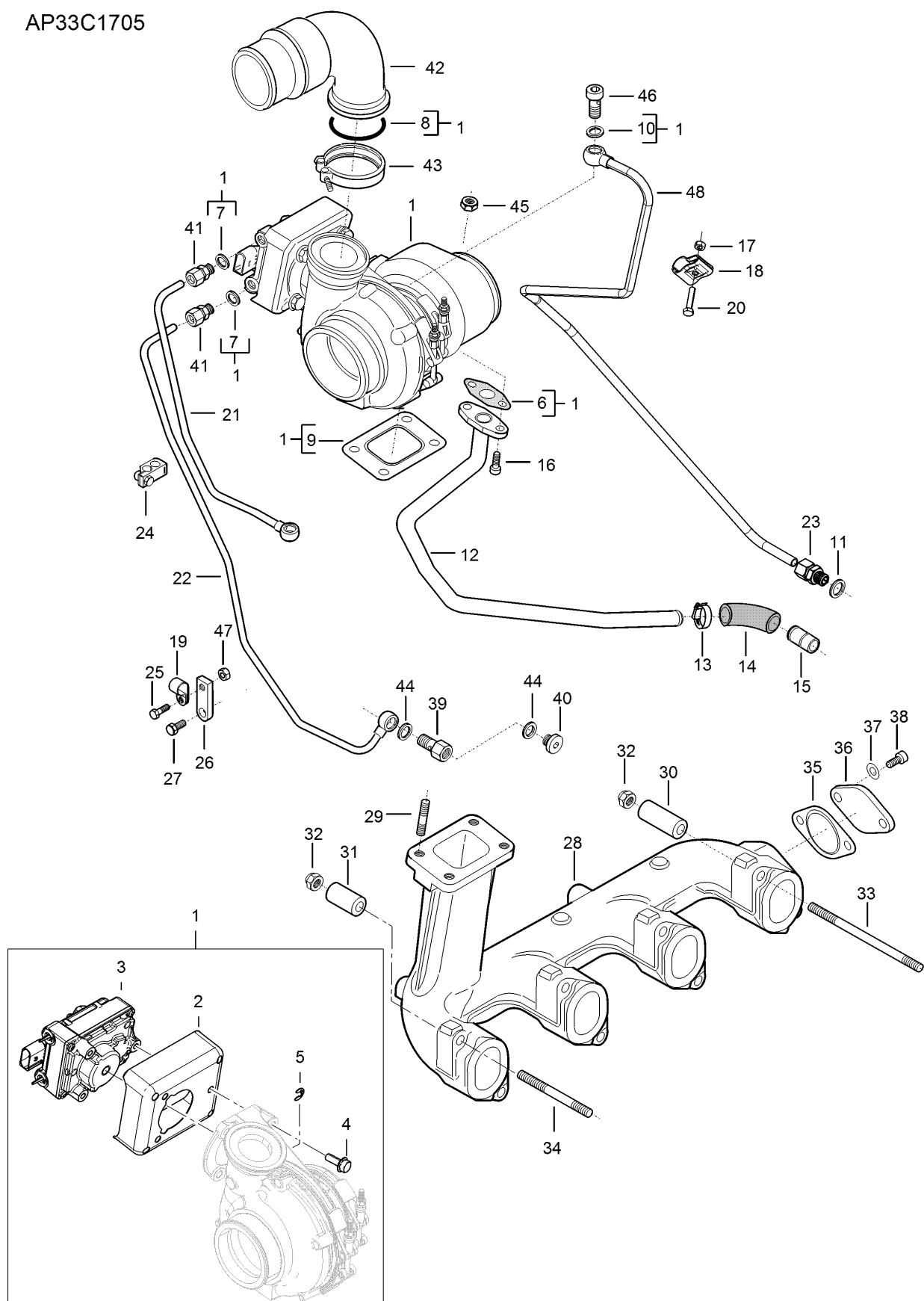
AP7C1977



INTAKE MANIFOLD

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V837084512	1	INTAKE MANIFOLD	
2	V837070364	1	INTAKE MANIFOLD GASKET [A]	
3	V837084566	1	BRACKET	
4	V528801082	1	HEX CAP SCREW	
5	V836674525	1	INTAKE AIR PREHEATER	
6	V836767085	1	GROUND WIRE (5)	
7	V836866713	1	WIRE (5)	
8	V836666074	2	GASKET [A]	
9	V837084545	1	AIR PIPE	
10	V581705110	2	HEX SOCKET SCREW	
11	V837084473	1	THROTTLE FLAP	
12	V837079937	2	GASKET (11) [A]	
13	V837084187	1	AIR PIPE	
14	V500150842	4	WASHER	
15	V529801470	6	HEX CAP SCREW	
16	V837086260	1	FUEL FILTER BRACKET	
17	V528801402	1	HEX CAP SCREW	
18	V529801450	1	HEX CAP SCREW	
19	V836015967	1	SEALING WASHER [A]	
20	V529801540	1	HEX CAP SCREW	
21	V529801490	2	HEX CAP SCREW	
22	V529801480	1	HEX CAP SCREW	
23	V581804182	2	HEX SOCKET SCREW	
24	V500050642	2	WASHER	
25	V581804980	1	HEX SOCKET SCREW	
26		1	SEE PAGE 01-0017	
27		1	SEE PAGE 01-0017 [A] INCLUDED IN CYLINDER HEAD GASKET KIT 1	

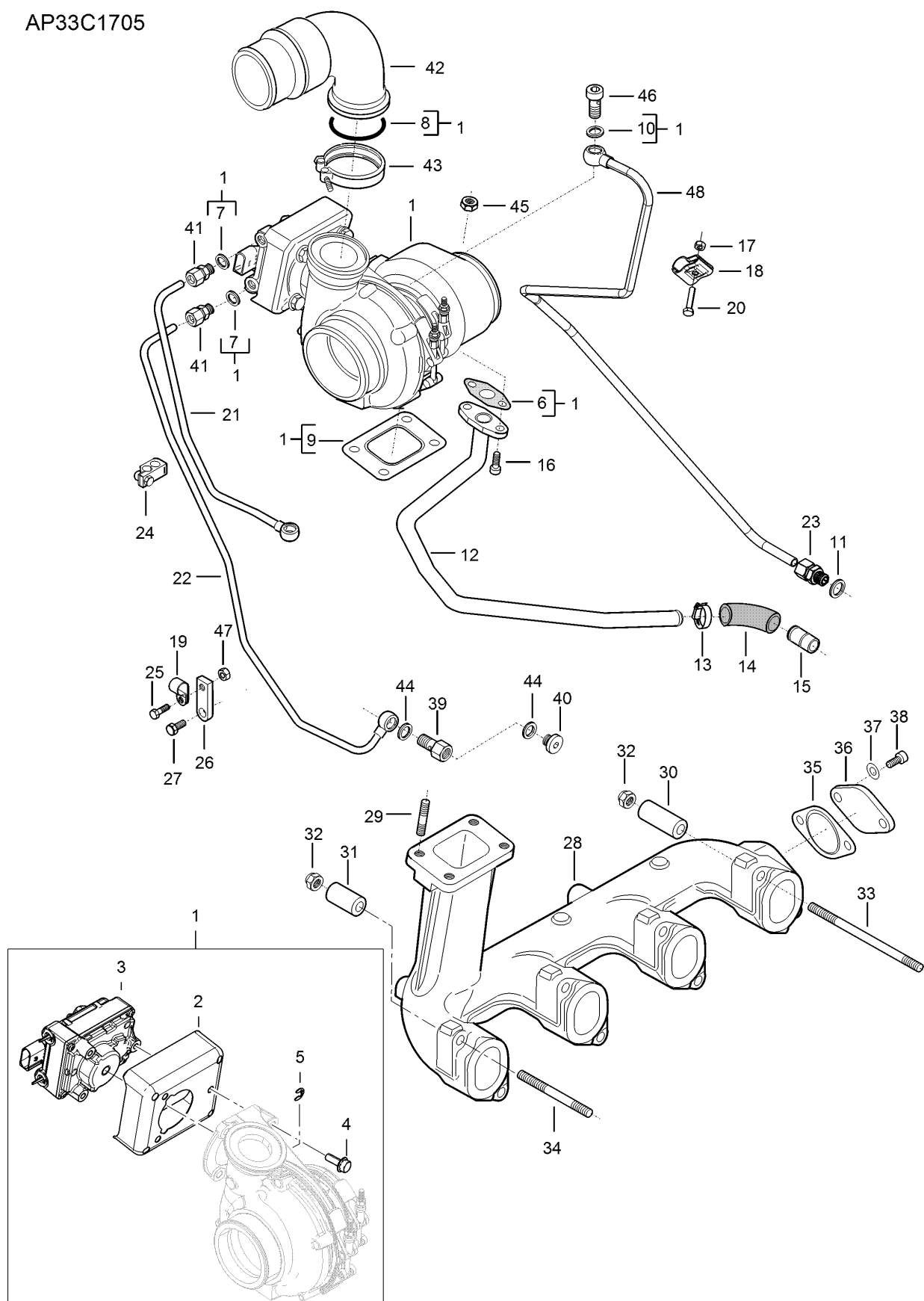
AP33C1705



TURBOCHARGER AND EXHAUST MANIFOLD

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V837079938	1	KIT, TURBOCHARGR	
2	V837091123	1	HEATSHIELD (1)	
3	V837091110	1	ACTUATOR (1)	
4	V837091127	3	SCREW (1)	
5	V837079945	1	LOCK RING (1)	
6	V837084638	1	GASKET (1) [A]	
7	V615881218	2	SEALING WASHER (1) [A]	
8	V614606225	1	O-RING (1) [A]	
9	V836784847	1	GASKET (1) [A]	
10	V615881216	2	SEALING WASHER (1) [A]	
11	V615881620	1	SEALING WASHER [A]	
12	V837084624	1	TURBOCHARGER LUBRICATION OIL PIPE	
13	V602087528	2	HOSE CLIP	
14	V836647576	1	RUBBER ELBOW	
15	V837084240	1	OIL PIPE	
16	V581804602	2	HEX SOCKET SCREW	
17	V504600602	1	NUT	
18	V836773645	2	BAND	
19	V602074608	1	HOSE CLIP	
20	V529801112	1	HEX CAP SCREW	
21	V837084410	1	WATER PIPE	
22	V837084411	1	WATER PIPE	
23	V641876008	1	STRAIGHT FITTING	
24	V837073721	1	BAND	
25	V528801082	1	HEX CAP SCREW	
26	V837088104	1	SUPPORT	
27	V528801362	1	HEX CAP SCREW	
28	V837074734	1	EXHAUST MANIFOLD	
29	V546701380	4	STUD BOLT	
30	V836673013	7	SPACER PIECE	
31	V836664012	1	SPACER PIECE	
32	V513601002	8	NUT	
33	V836667960	7	STUD BOLT	
34	V836859188	1	STUD BOLT [A] INCLUDED IN CYLINDER HEAD GASKET KIT 1	

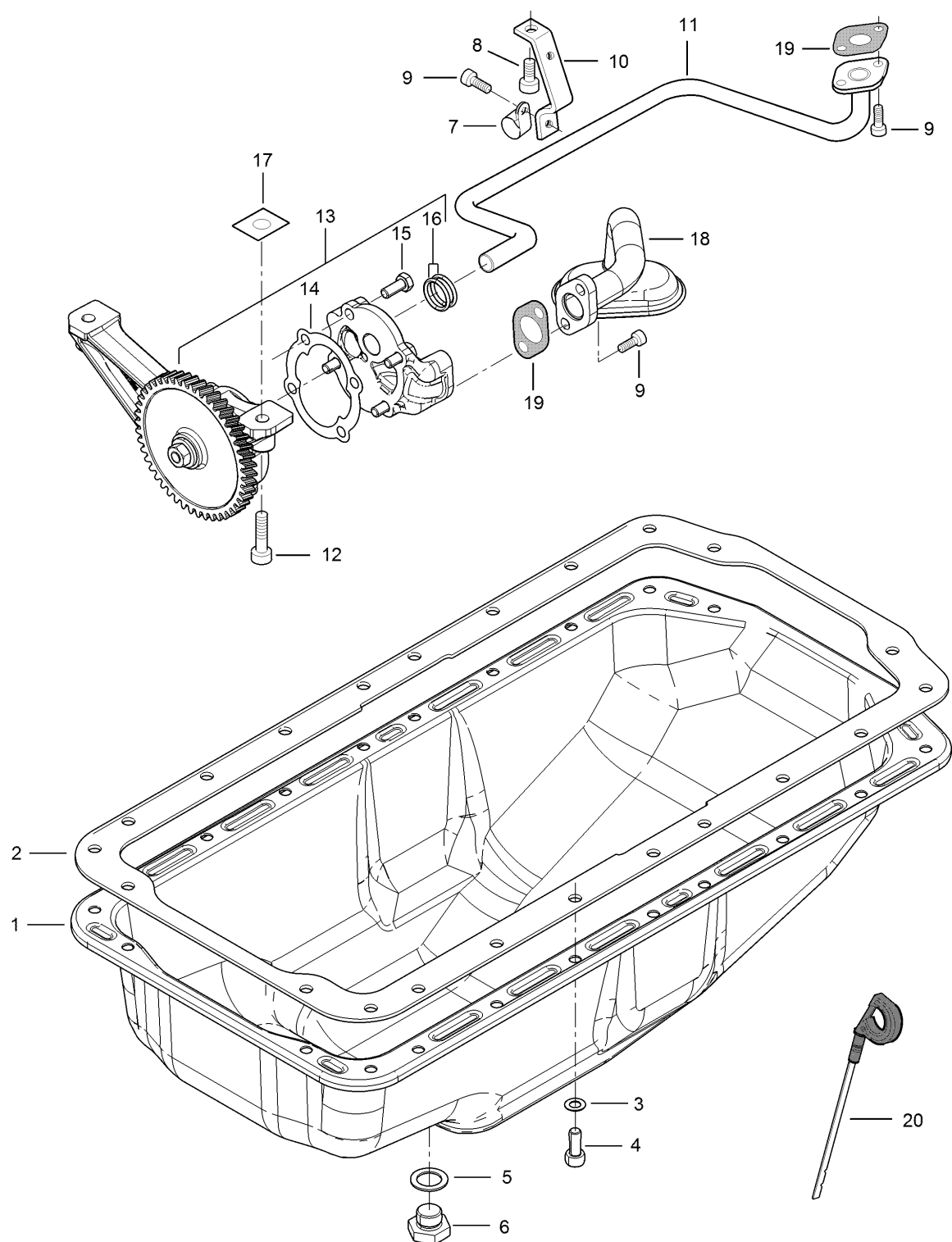
AP33C1705



TURBOCHARGER AND EXHAUST MANIFOLD

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
35	V837073460	1	GASKET [A]	
36	V837084364	1	PLATE	
37	V500150842	2	WASHER	
38	V581804582	2	HEX SOCKET SCREW	
39	V837084064	1	BANJO BOLT	
40	V640325014	1	PLUG	
41	V641086008	2	STRAIGHT FITTING	
42	V836866381	1	AIR PIPE	
43	V836866454	1	CLAMP	
44	V615881420	3	SEALING WASHER [A]	
45	V513800802	4	NUT	
46	V837084078	1	BANJO BOLT	
47	V510600602	1	NUT	
48	V837084941	1	TURBOCHARGER LUBRICATION OIL PIPE	
[A] INCLUDED IN CYLINDER HEAD GASKET KIT 1				

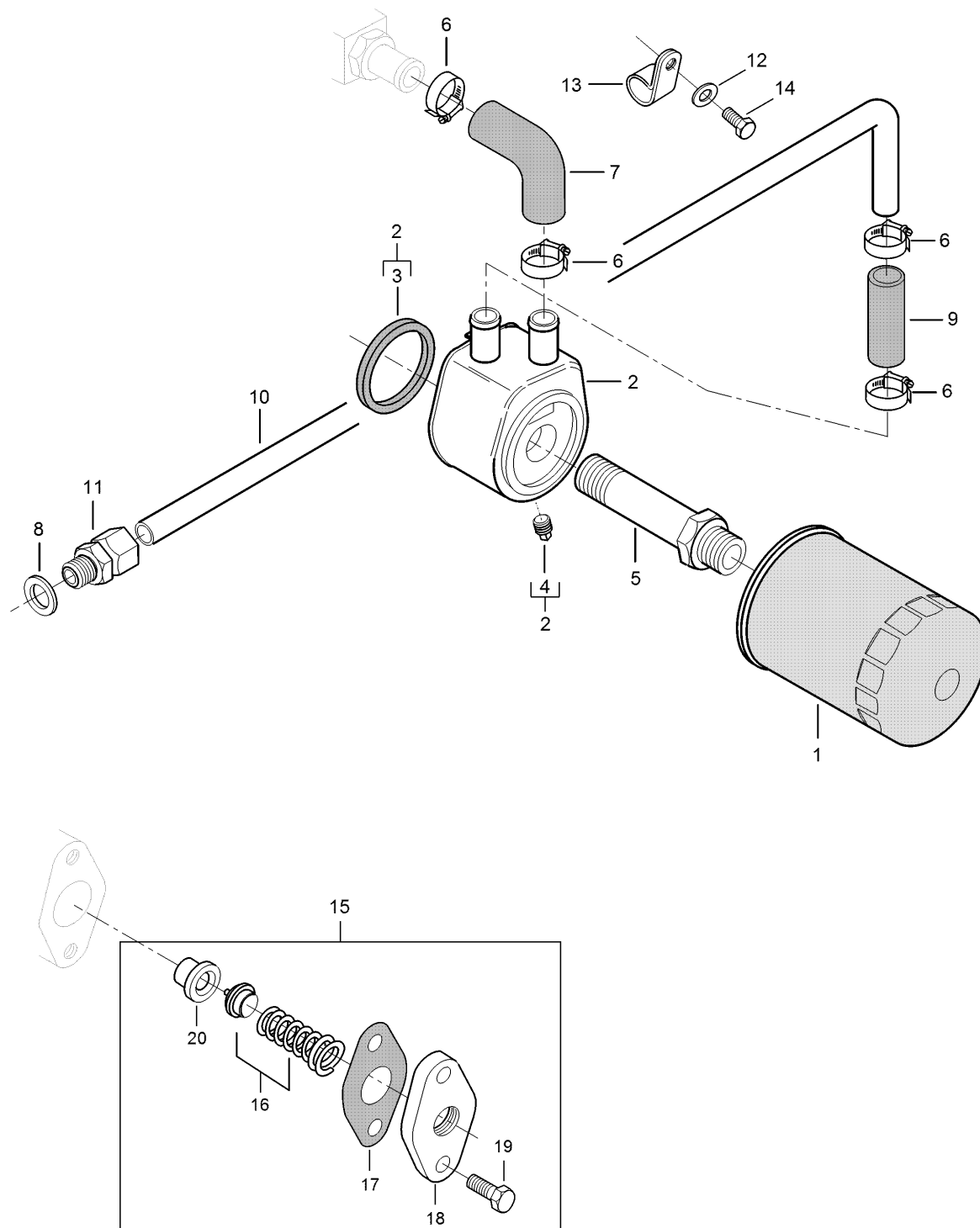
AP13B1966



OIL PUMP AND SUMP

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V836120641	1	OIL SUMP	
2	V836107726	1	OIL SUMP GASKET [B]	
3	V500950800	22	SPRING WASHER	
4	V580804600	22	HEX SOCKET SCREW	
5	V615881827	1	SEALING WASHER [B]	
6	V836655493	1	PLUG	
7	V602074522	1	HOSE CLIP	
8	V581705000	1	HEX SOCKET SCREW	
9	V581804602	5	HEX SOCKET SCREW	
10	V836673150	1	SUPPORT	
11	V836773149	1	OIL PIPE	
12	V581805050	2	HEX SOCKET SCREW	
13	V836773146	1	LUBRICATING OIL PUMP	
14	V836119796	1	GASKET (13) [B]	
15	V528801382	4	HEX CAP SCREW (13)	
16	V614702230	2	O-RING (13) [B]	
17	V836007871		SHIM AS REQUIRED, REFER TO WORKSHOP MANUAL	
18	V836746529	1	OIL PUMP SUCTION PIPE	
19	V836008449	2	GASKET [B]	
20	V837084584	1	DIPSTICK [B] INCLUDED IN COMPLETE ENGINE GASKET KIT 2	

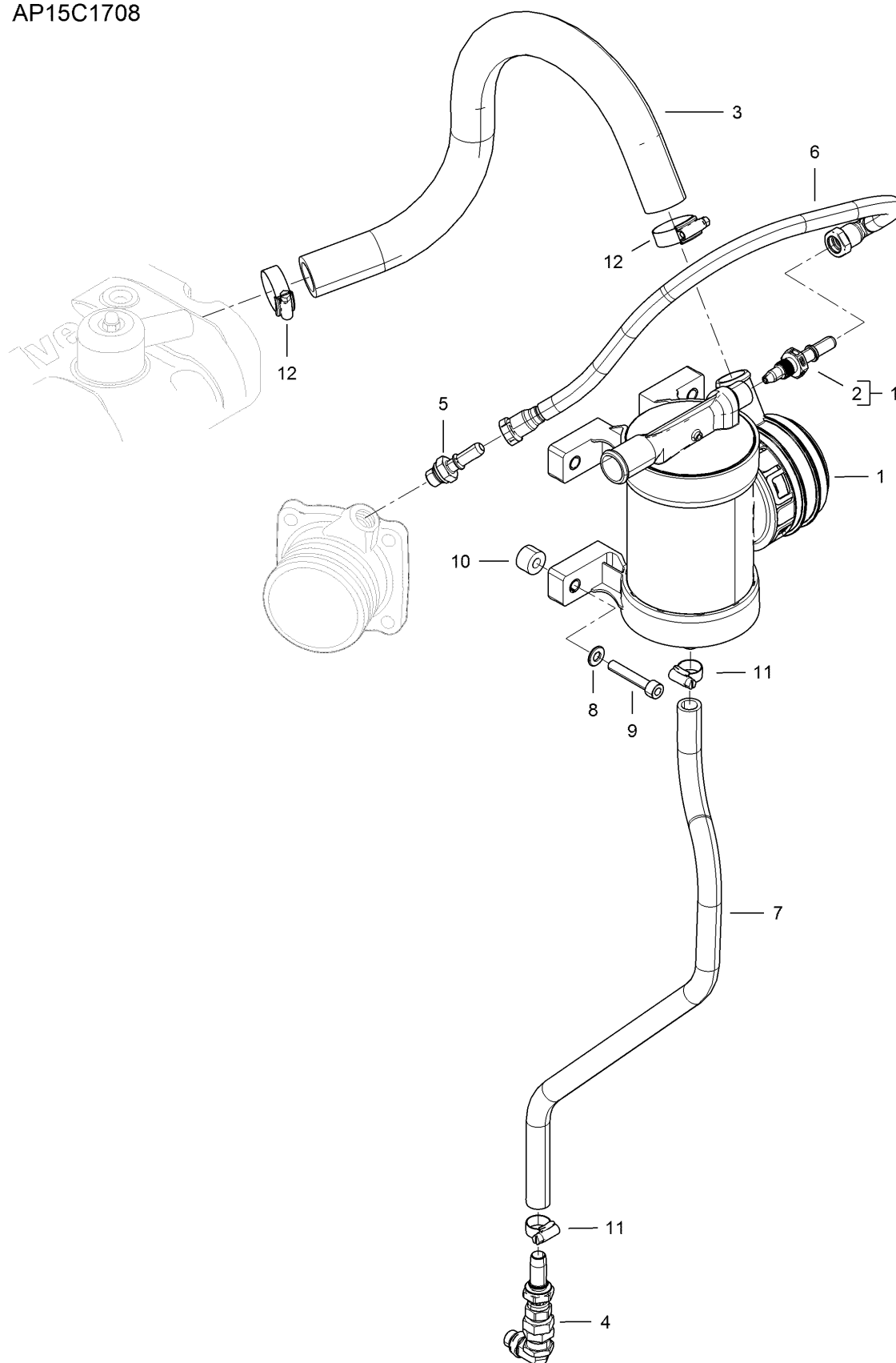
AP14B1333



OIL COOLER AND FILTER

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V836679586	1	OIL FILTER	
2	V836859699	1	OIL COOLER	
3	V836862235	1	SEAL (2)	
4	V640004004	1	PLUG (2)	
5	V836859700	1	UNION	
6	V602079516	4	HOSE CLIP	
7	V836859899	1	RUBBER ELBOW	
8	V615881822	1	SEALING WASHER [B]	
9	V836673590	1	RUBBER HOSE	
10	V836773587	1	PIPE	
11	V641086015	1	STRAIGHT FITTING	
12	V500050642	1	WASHER	
13	V602074615	1	HOSE CLIP	
14	V528801062	1	HEX CAP SCREW	
15	V837091147	1	REGULATING VALVE	
16		1	NOT AVAILABLE AS SINGLE PART (15)	
17	V836322190	1	GASKET (15) [B]	
18	V837074289	1	COVER (15)	
19	V528801382	2	HEX CAP SCREW (15)	
20		1	NOT AVAILABLE AS SINGLE PART (15) [B] INCLUDED IN COMPLETE ENGINE GASKET KIT 2	

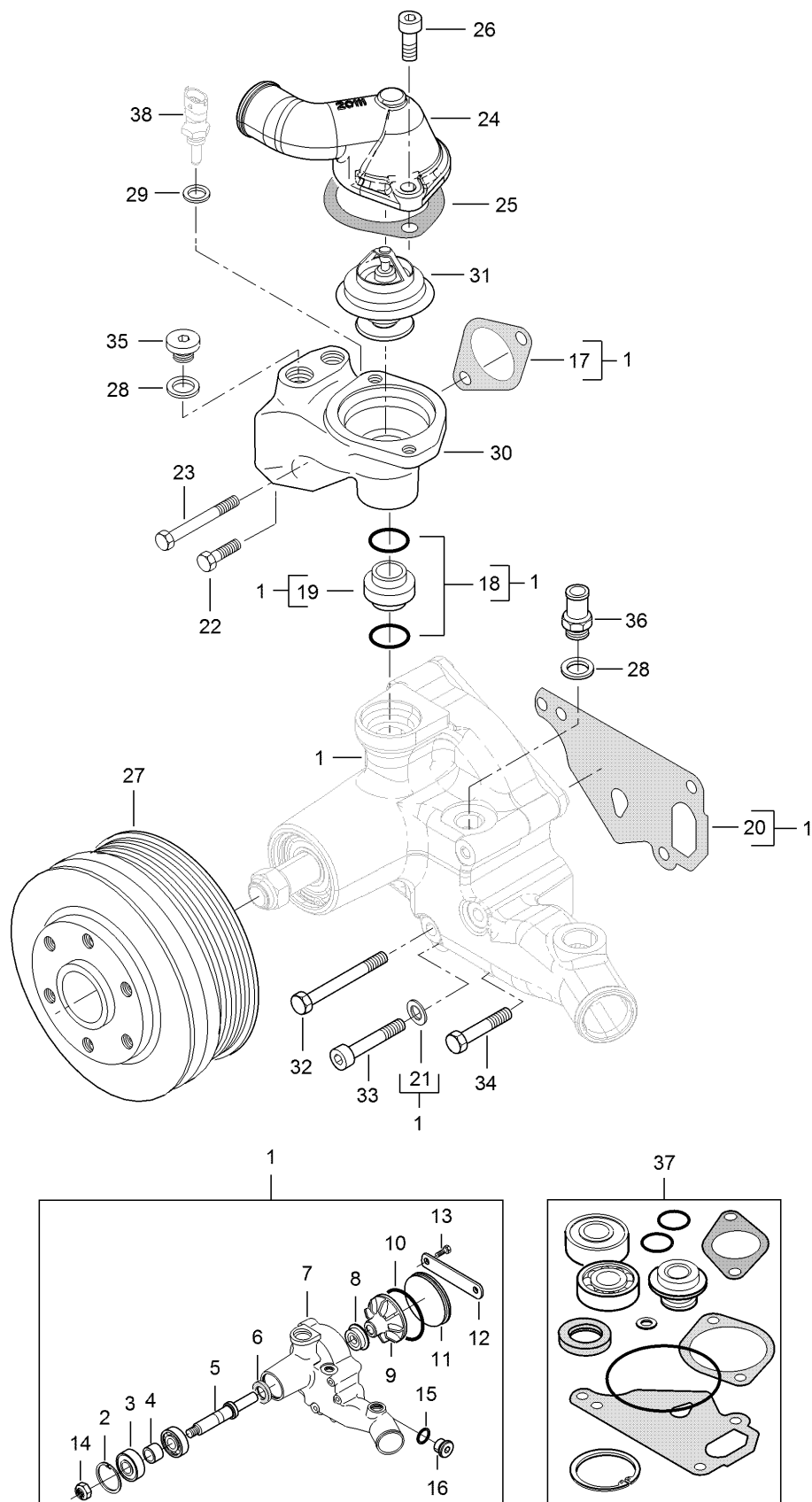
AP15C1708



CLOSED CRANKCASE VENTILATION (CCV)

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V837084877	1	CCV FILTER	
2	V837091136	1	MALE COUPLER (1)	
3	V837074052	1	HOSE	
4	V837074234	1	CHECK VALVE	
5	V837067936	1	QUICK COUPLER	
6	V837074633	1	HOSE	
7	V837074335	1	HOSE	
8	V500150842	4	WASHER	
9	V581804660	4	HEX SOCKET SCREW	
10	V836136337	4	SPACER PIECE	
11	V602079516	2	HOSE CLIP	
12	V602078538	2	HOSE CLIP	

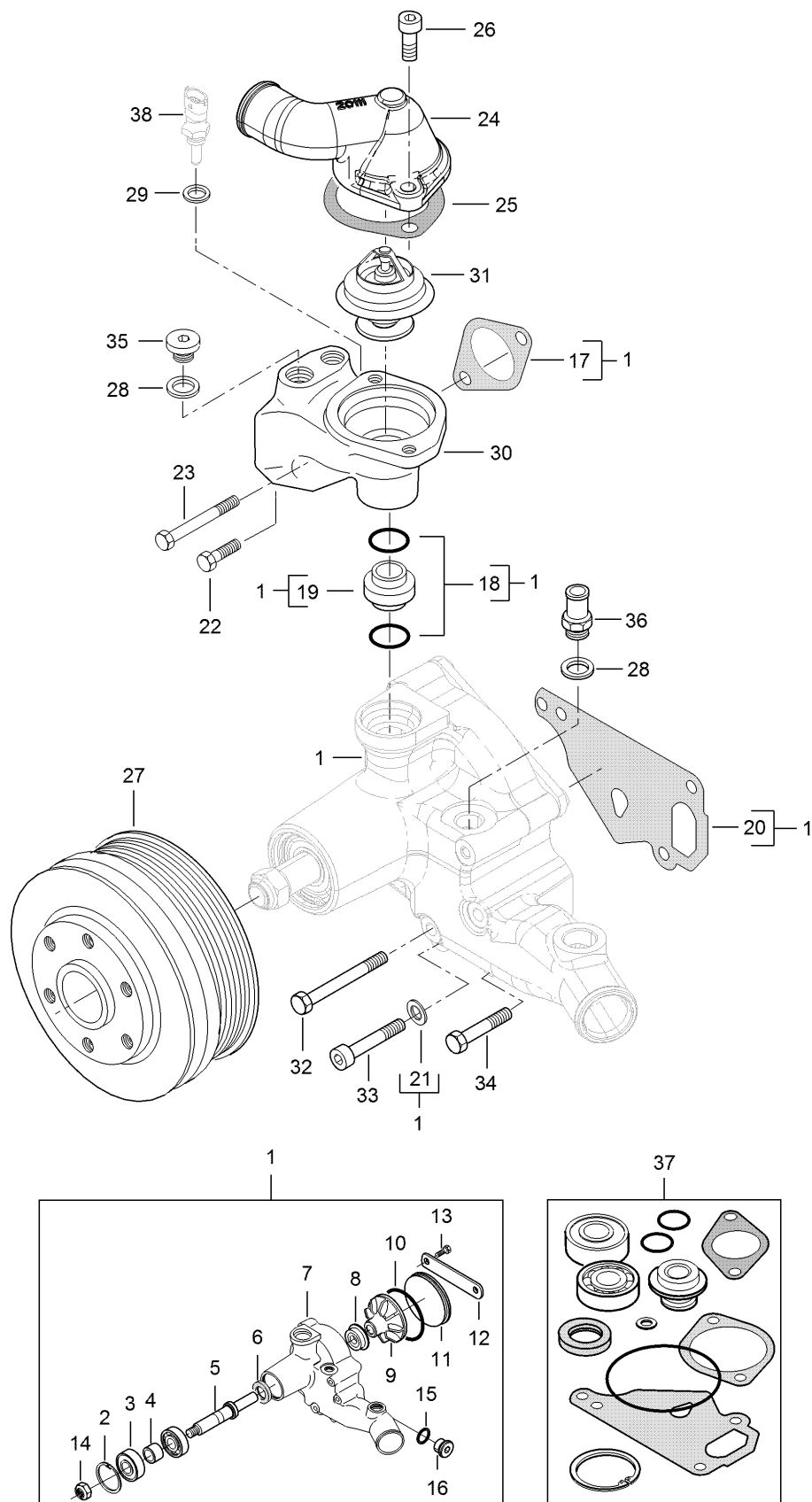
AP17C1979



COOLANT PUMP AND THERMOSTAT

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V837079939	1	KIT,WATER PUMP	
2	V617330052	1	LOCK RING (1),(37)	
3	V610063044	2	BALL BEARING (1),(37)	
4	V836755964	1	SLEEVE (1)	
5		1	NOT AVAILABLE AS SINGLE PART (1)	
6	V614102636	1	SHAFT SEAL (1),(37)	
7		1	NOT AVAILABLE AS SINGLE PART (1)	
8	V837073981	1	WATER PUMP CARTRIDGE GASKET (1),(37)	
9		1	NOT AVAILABLE AS SINGLE PART (1)	
10	V614610130	1	O-RING (1),(37)	
11	V836767002	1	PLATE (1)	
12		1	NOT AVAILABLE AS SINGLE PART (1)	
13	V528801360	2	HEX CAP SCREW (1)	
14	V510611602	1	NUT (1),(37)	
15	V615881420	1	SEALING WASHER (1) [B]	
16	V640325014	1	PLUG (1)	
17	V837084792	1	GASKET (1),(37) [A]	
18	V614602950	2	O-RING (1),(37) [A]	
19	V836873423	1	WATER PIPE (1)	
20	V836120129	1	GASKET (1),(37) [B]	
21	V836015967	1	SEALING WASHER (1),(37) [B]	
22	V528801402	1	HEX CAP SCREW	
23	V529801500	1	HEX CAP SCREW	
24	V836120111	1	WATER PIPE	
25	V836119849	1	GASKET [A]	
			[A] INCLUDED IN CYLINDER HEAD GASKET KIT 1	
			[B] INCLUDED IN COMPLETE ENGINE GASKET KIT 2	

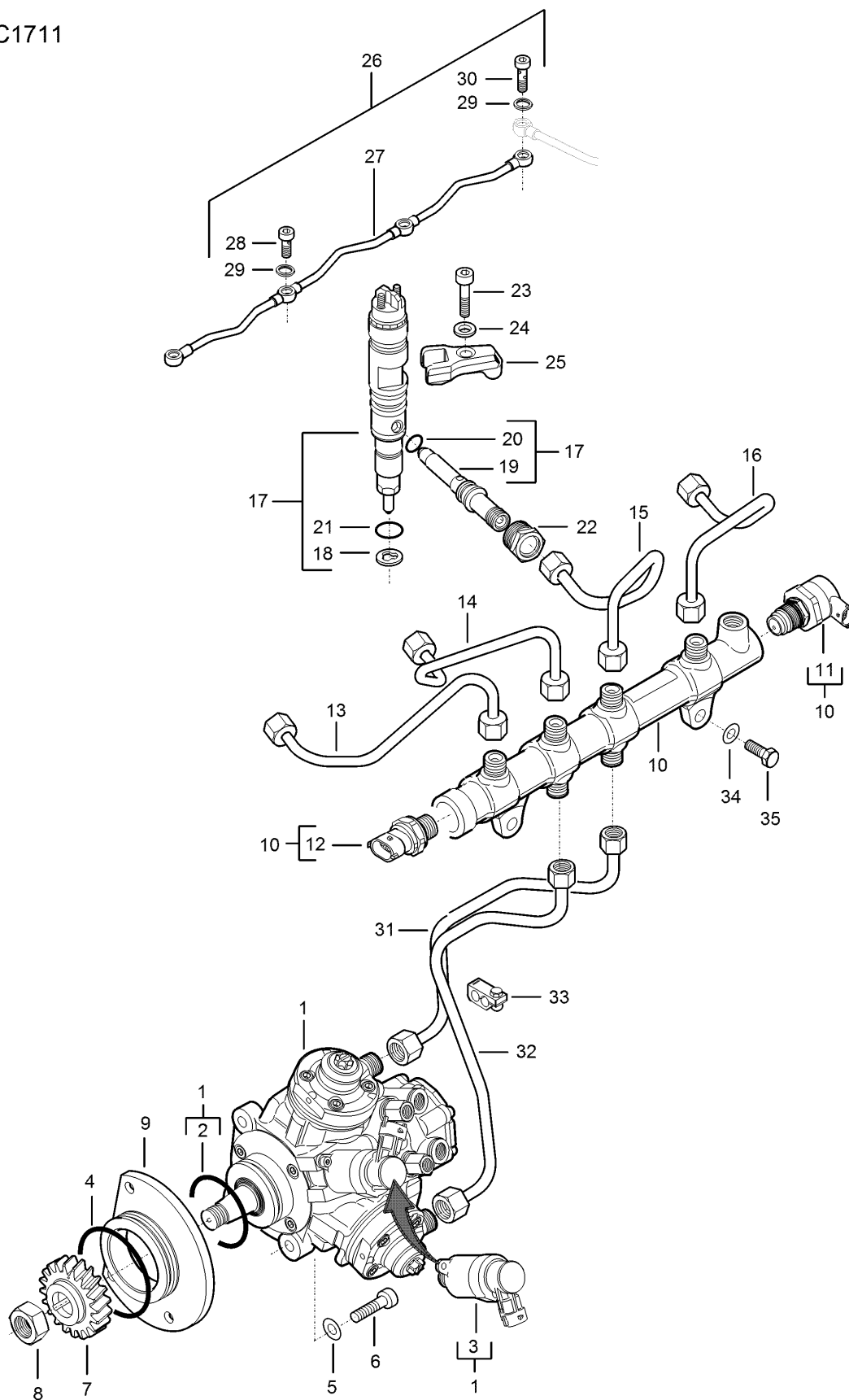
AP17C1979



COOLANT PUMP AND THERMOSTAT

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
26	V581805020	2	HEX SOCKET SCREW	
27	V837073667	1	WATER PUMP MULTI-RIBBED PULLEY	
28	V615881822	2	SEALING WASHER [A]	
29	V615881418	1	SEALING WASHER [A]	
30	V837070324	1	THERM. HOUSING	
31	V836666334	1	THERMOSTAT	
32	V529801520	2	HEX CAP SCREW	
33	V580704670	1	HEX SOCKET SCREW	
34	V529801440	2	HEX CAP SCREW	
35	V640325018	1	PLUG	
36	V836119837	1	HOSE COUPLER	
37	V836762631	1	WATER PUMP REPAIR KIT	
38		1	SEE PAGE 01-0017 [A] INCLUDED IN CYLINDER HEAD GASKET KIT 1 [B] INCLUDED IN COMPLETE ENGINE GASKET KIT 2	

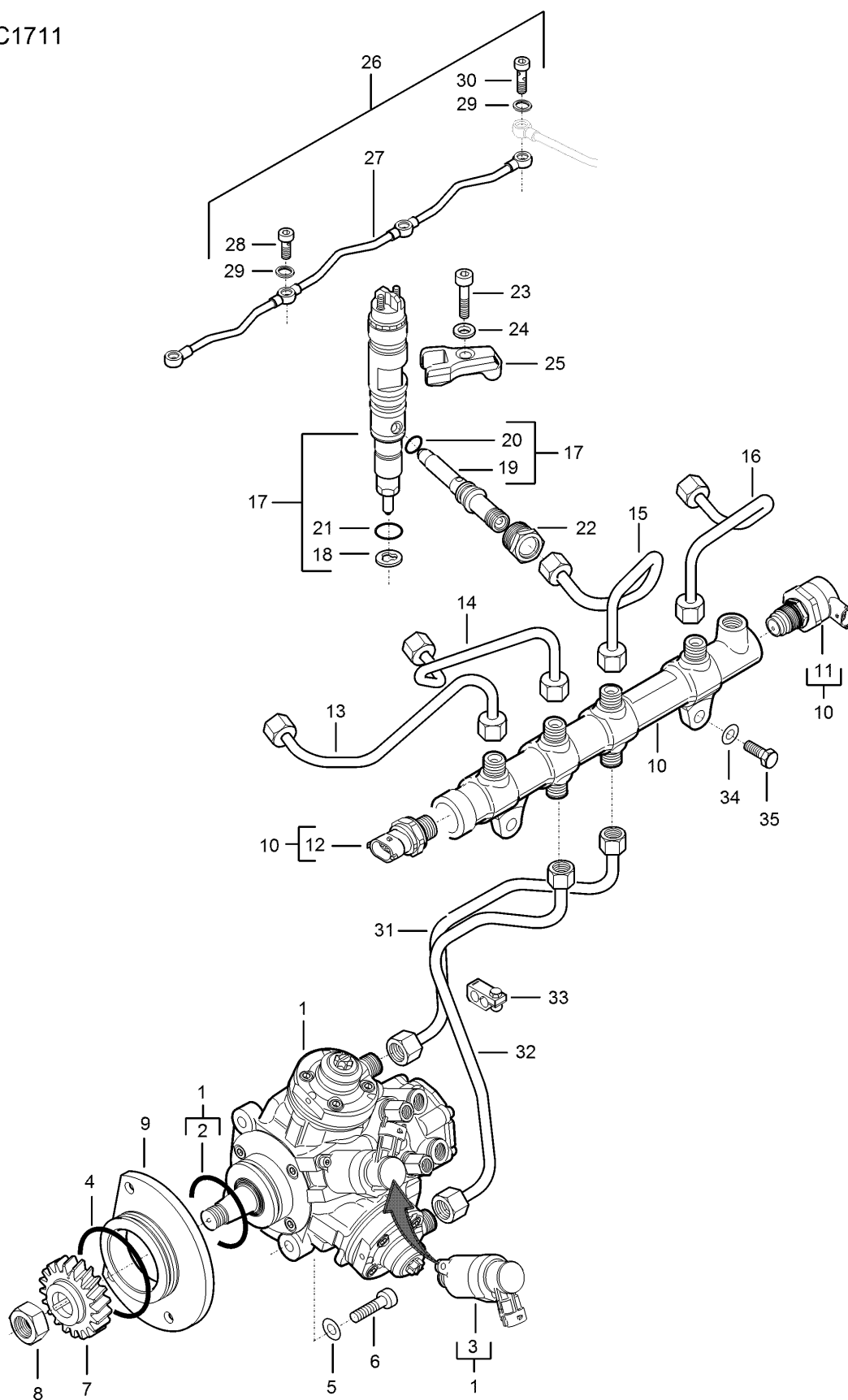
AP18C1711



FUEL INJECTION SYSTEM

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V837074805	1	HIGH PRESSURE INJECTION PUMP	
2	V837079431	1	O-RING (1) [B]	
3	V837079633	1	VALVE (1)	
4	V614606230	1	O-RING [B]	
5	V500150842	3	WASHER	
6	V581804640	3	HEX SOCKET SCREW	
7	V837073563	1	GEAR,INJ.PUMP	
8	V504611802	1	NUT	
9	V837073688	1	FLANGE	
10	V837074580	1	RAIL PIPE	
11	V837079834	1	FUEL PRESSURE VALVE (10)	
12	V837079833	1	FUEL PRESSURE SENSOR (10)	
13	V837074657	1	INJECTION PIPE	
14	V837074658	1	INJECTION PIPE	
15	V837074659	1	INJECTION PIPE	
16	V837074660	1	INJECTION PIPE	
17	V837079827	4	INJECTOR	
18	V837091049	4	SEALING RING (17) [A]	
19		4	NOT AVAILABLE AS SINGLE PART (17)	
20	V837091050	4	O-RING (17) [A]	
21	V837079978	4	O-RING (17) [A]	
22	V837069268	4	NUT	
23	V581704660	4	HEX SOCKET SCREW	
24	V837070121	4	WASHER	
25	V837069007	4	FASTENER	
26	V837073764	1	INJECTOR OVERFLOW PIPE	
27		1	NOT AVAILABLE AS SINGLE PART (26)	
28	V837073117	2	BANJO BOLT (26)	
29	V615870812	10	SEALING WASHER (26) [A]	
30	V837073118	2	DUAL BANJO BOLT (26)	
31	V837074667	1	FUEL PIPE [A] INCLUDED IN CYLINDER HEAD GASKET KIT 1 [B] INCLUDED IN COMPLETE ENGINE GASKET KIT 2	

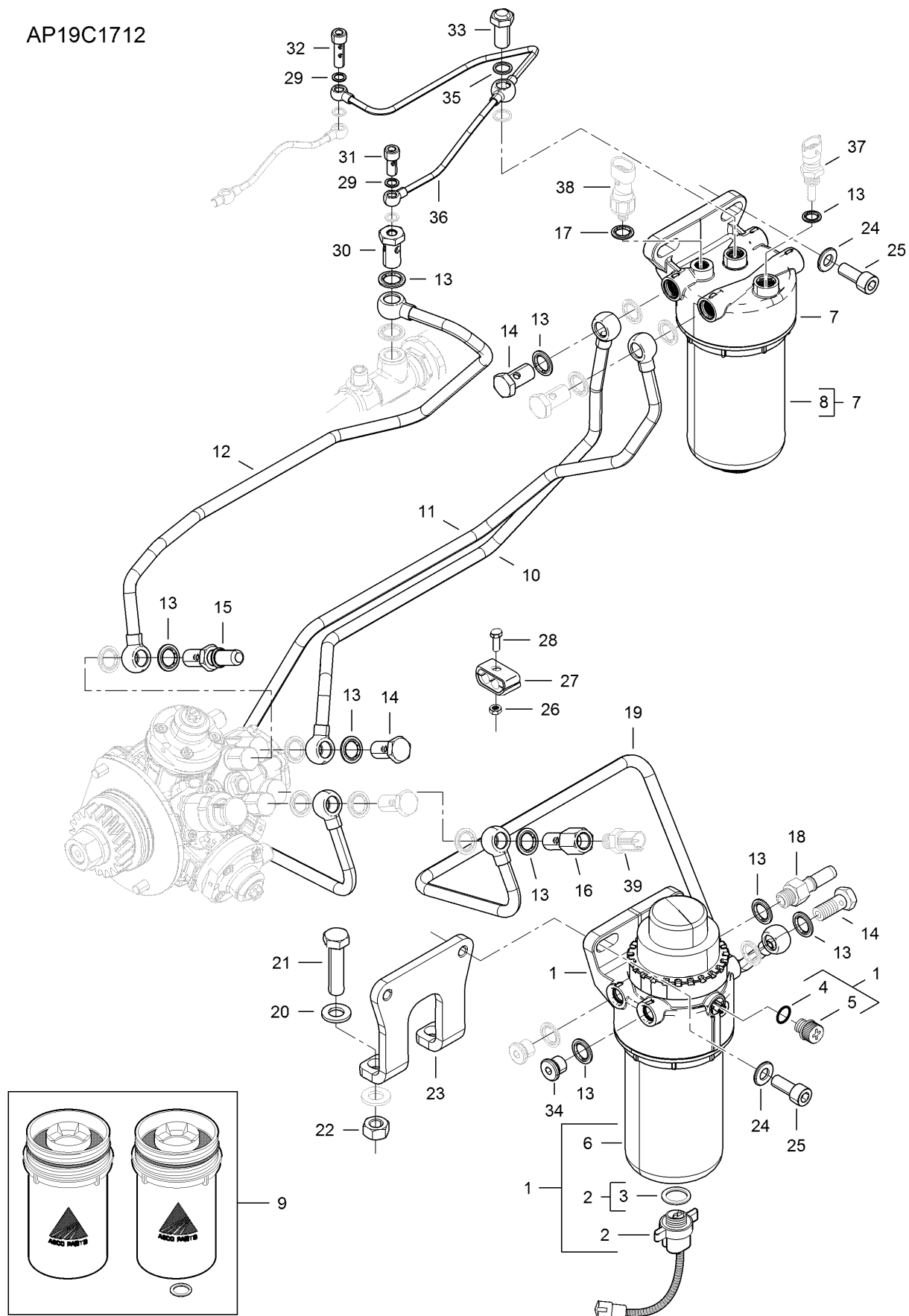
AP18C1711



FUEL INJECTION SYSTEM

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
32	V837074666	1	FUEL PIPE	
33	V837073721	1	BAND	
34	V500950800	2	SPRING WASHER	
35	V528801382	2	HEX CAP SCREW	
			[A] INCLUDED IN CYLINDER HEAD GASKET KIT 1	
			[B] INCLUDED IN COMPLETE ENGINE GASKET KIT 2	

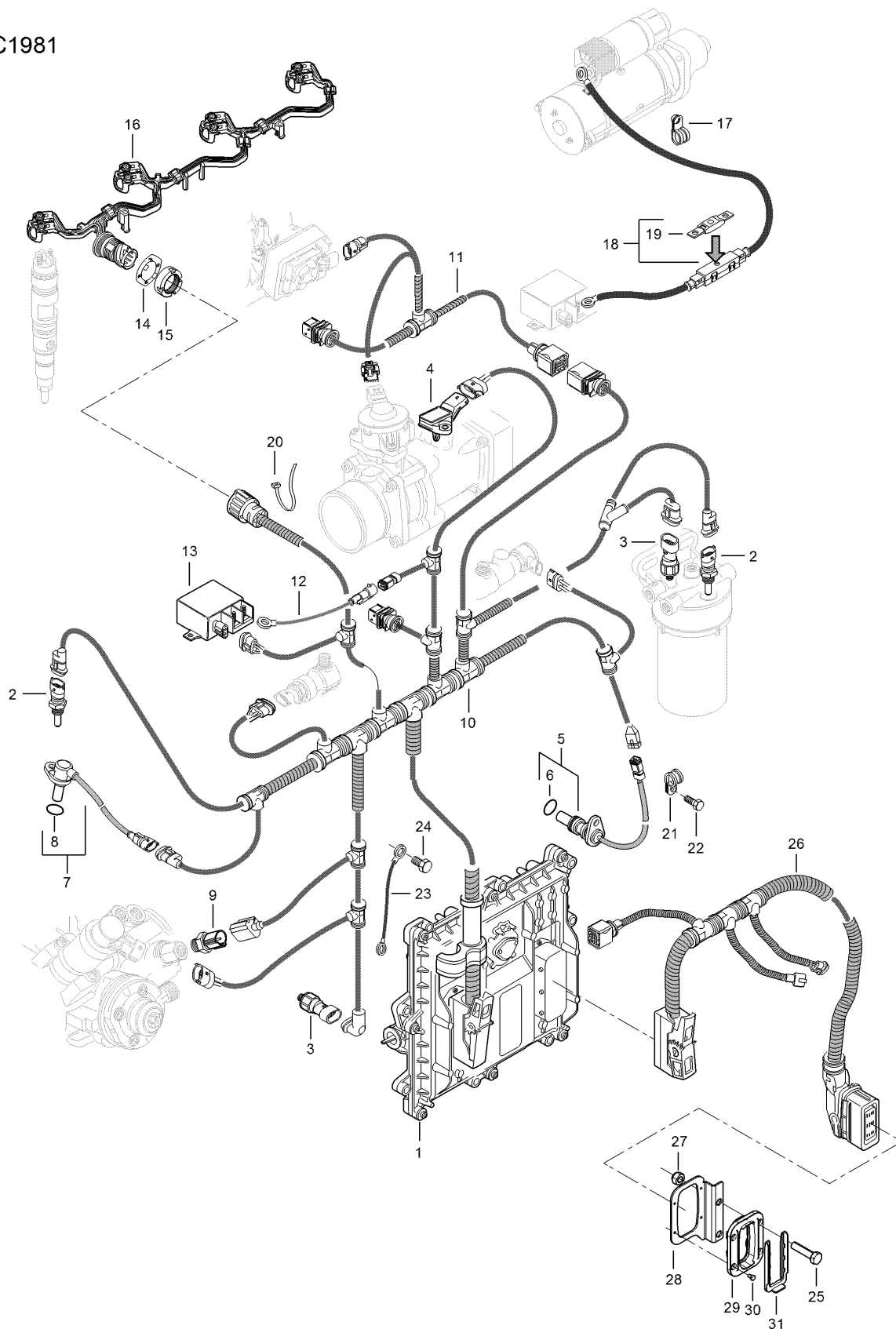
AP19C1712



FUEL FILTERS

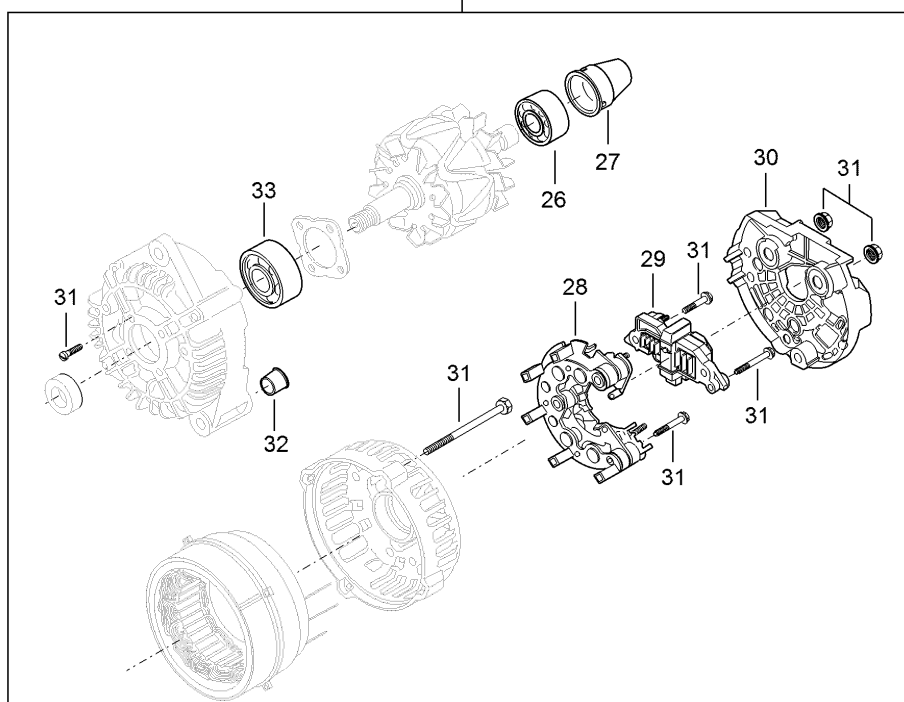
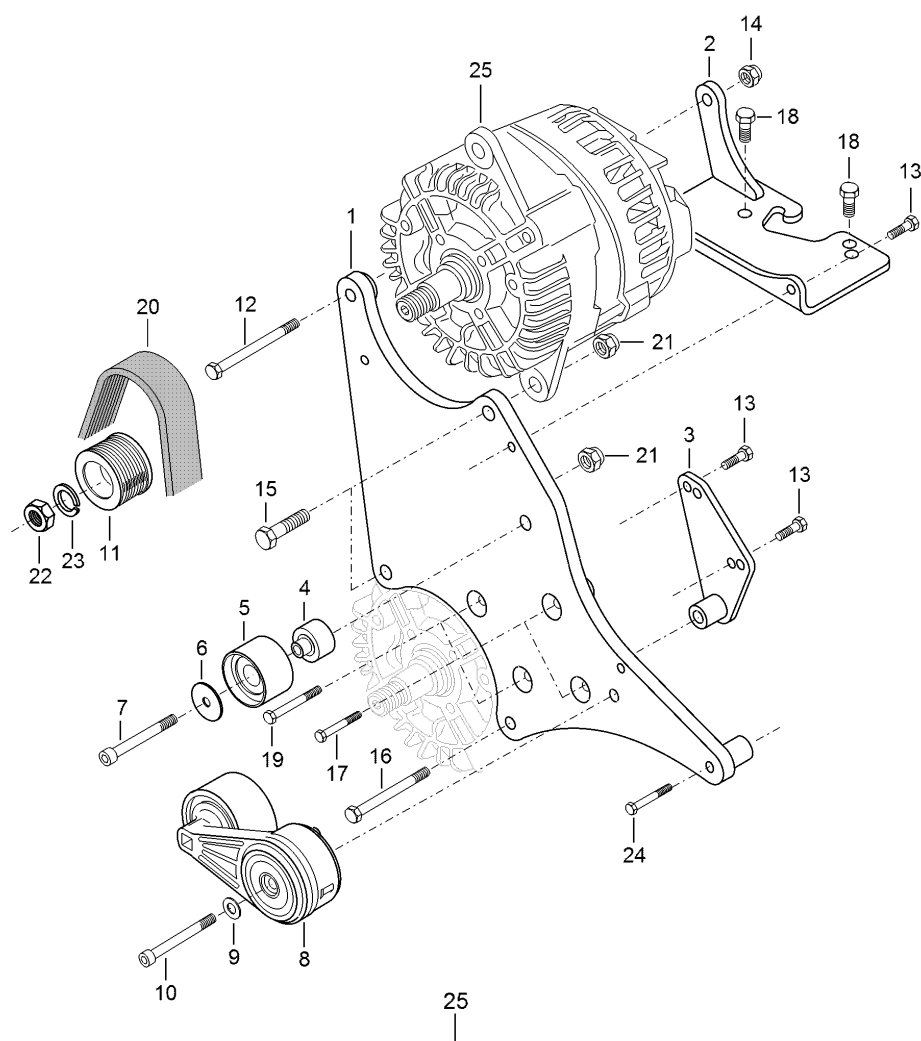
ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V837086172	1	FUEL PREFILTER	
2	V837074054	1	FUEL FILTER WATER ALARM (1)	
3	V837079695	1	SEALING WASHER (1),(2),(9)	
4	V837079628	1	O-RING (1)	
5	V837079627	1	BLEED SCREW (1)	
6		1	NOT AVAILABLE AS SINGLE PART (1),(9)	
7	V837073857	1	MAIN FUEL FILTER	
8		1	NOT AVAILABLE AS SINGLE PART (7),(9)	
9	V837079718	1	FUEL FILTER KIT	
10	V837074877	1	FUEL PIPE	
11	V837074878	1	FUEL PIPE	
12	V837074879	1	FUEL PIPE	
13	V836684360	19	SEALING WASHER [D]	
14	V640435010	5	BANJO BOLT	
15	V837074191	1	QUICK COUPLER	
16	V837084064	1	BANJO BOLT	
17	V615871016	1	SEALING WASHER [D]	
18	V837086171	1	QUICK COUPLER	
19	V837084191	1	FUEL PIPE	
20	V500051302	4	WASHER	
21	V529902250	2	HEX CAP SCREW	
22	V504601200	2	NUT	
23	V837084192	1	BRACKET	
24	V500151050	4	WASHER	
25	V581805020	4	HEX SOCKET SCREW	
26	V510600602	3	NUT	
27	V602098110	3	HOSE CLIP	
28	V529801112	3	HEX CAP SCREW	
29	V615870812	4	SEALING WASHER [D]	
30	V836007420	1	BANJO BOLT	
31	V837073117	1	BANJO BOLT	
32	V837073118	1	DUAL BANJO BOLT	
33	V837074134	1	BANJO BOLT	
34	V640325014	2	PLUG	
35	V615881216	2	SEALING WASHER [D]	
36	V837074880	1	FUEL PIPE	
37		1	SEE PAGE 01-0017	
38		1	SEE PAGE 01-0017	
39		1	SEE PAGE 01-0017	
			[D] INCLUDED IN CYLINDER HEAD GASKET KIT 1	

AP20C1981



ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V837074863	1	ENGINE CONTROL UNIT	
2	V836667732	2	TEMPERATURE SENSOR	
3	V837070201	2	PRESSURE SENSOR	
4	V837084326	1	BOOST PRESSURE SENSOR	
5	V837069150	1	SPEED SENSOR	
6	V614601524	1	O-RING (5)	
7	V837070189	1	SPEED SENSOR	
8	V614601718	1	O-RING (7)	
9	V837070209	1	PRESSURE SENSOR	
10	V837084391	1	ENGINE WIRE HARNESS	
11	V837084106	1	ENGINE WIRE HARNESS	
12	V837073594	1	WIRE	
13	V837069048	1	SOLENOID	
14	V837073922	1	LOCK WASHER	
15	V837073921	1	RING	
16	V837074692	1	ENGINE WIRE HARNESS	
17	V602060612	1	HOSE CLIP	
18	V837070053	1	WIRE	
19	V836662501	1	FUSE (18)	
20	V651754720	10	CABLE TIE	
21	V602060610	2	HOSE CLIP	
22	V528801402	1	HEX CAP SCREW	
23	V837070292	1	GROUND WIRE	
24	V528801342	1	HEX CAP SCREW	
25	V529702250	2	HEX CAP SCREW	
26	V837074046	1	ENGINE WIRE HARNESS	
27	V510601202	2	NUT	
28	V837074236	1	BRACKET	
29	V837074049	1	COLLAR	
30	V528800732	4	HEX CAP SCREW	
31	V837074130	1	HOLDER	

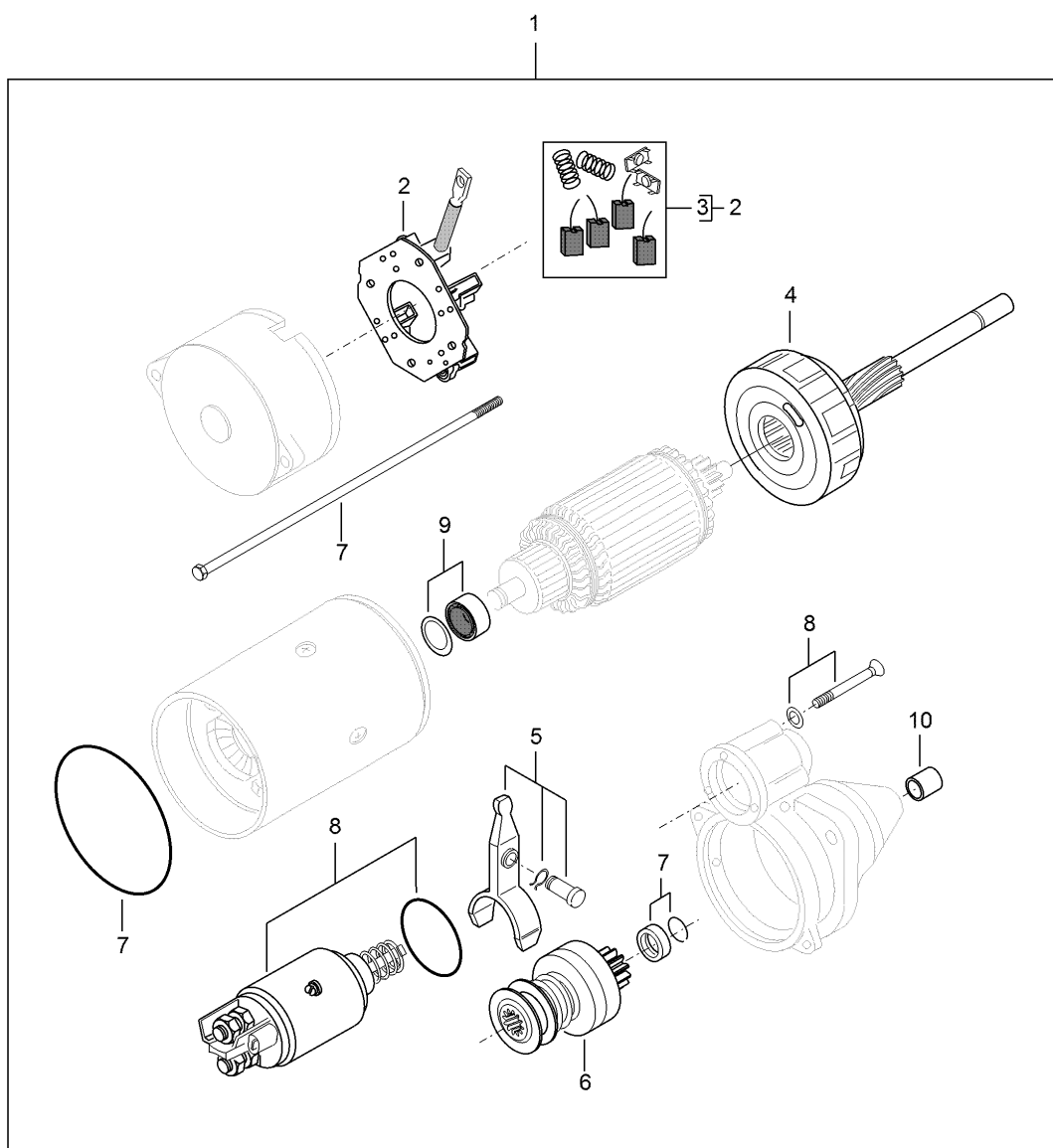
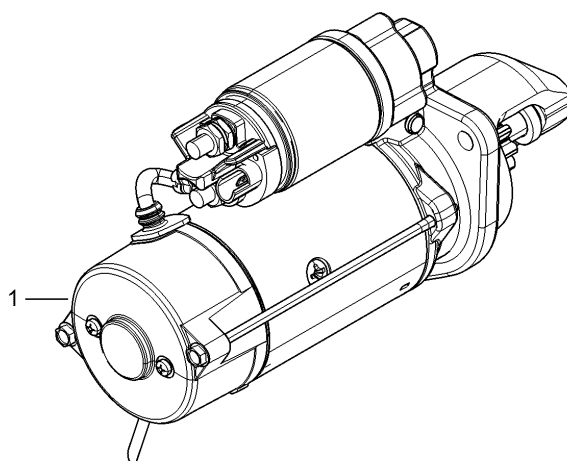
AP21D1268



ALTERNATOR

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V837074053	1	ALTERNATOR BRACKET	
2	V837073102	1	ALTERNATOR BRACKET	
3	V837073104	1	ALTERNATOR BRACKET	
4	V836866919	1	SHAFT	
5	V837074402	1	PULLEY, IDLER	
6	V836866312	1	FLANGE	
7	V581705480	1	HEX SOCKET SCREW	
8	V837086281	1	BELT TENSIONER	
9	V500951000	1	SPRING WASHER	
10	V581705130	1	HEX SOCKET SCREW	
11	V837073105	2	PULLEY, ALTERNATR	
12	V529801970	1	HEX CAP SCREW	
13	V528801382	4	HEX CAP SCREW	
14	V510601002	1	NUT	
15	V529802240	2	HEX CAP SCREW	
16	V529801960	1	HEX CAP SCREW	
17	V529801440	2	HEX CAP SCREW	
18	V581805000	2	HEX SOCKET SCREW	
19	V529801510	2	HEX CAP SCREW	
20	V685102194	1	MULTI-RIBBED BELT	
21	V510601202	2	NUT	
22	V505611602	2	NUT	
23	V500951600	2	SPRING WASHER	
24	V529801450	1	HEX CAP SCREW	
25	V836873047	2	ALTERNATOR	
26	V836879209	2	BEARING (25)	
27	V836879210	2	INSTALLATION RING (25)	
28	V836879211	2	RECTIFIER (25)	
29	V836879212	2	REGULATOR (25)	
30	V836879213	2	COVER (25)	
31	V836879214	2	PARTS KIT (25)	
32	V836879215	2	BUSH (25)	
33	V836679163	2	BALL BEARING (25)	

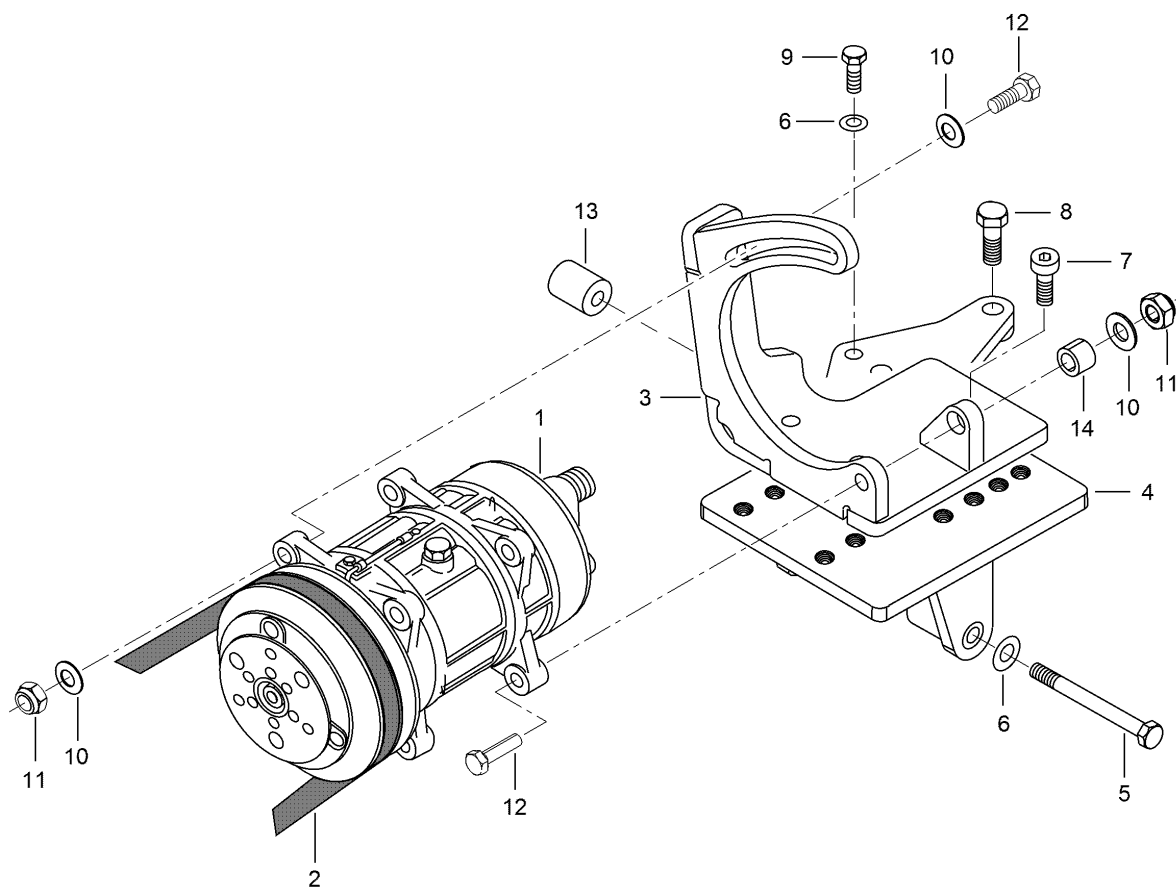
AP22D1267



STARTER MOTOR

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V836674649	1	STARTER MOTOR	
2	V836679668	1	KIT,BRUSH HOLDER (1)	
3	V836679669	1	KIT, BRUSH (1),(2)	
4	V836862458	1	GEAR,STARTERMOTR (1)	
5	V836862457	1	LEVER (1)	
6	V836679671	1	DRIVE GEAR (1)	
7	V836879469	1	PARTS KIT (1)	
8	V836679666	1	SOLENOID (1)	
9	V836862459	1	BEARING BUSH (1)	
10	V836662095	1	BEARING BUSH (1)	

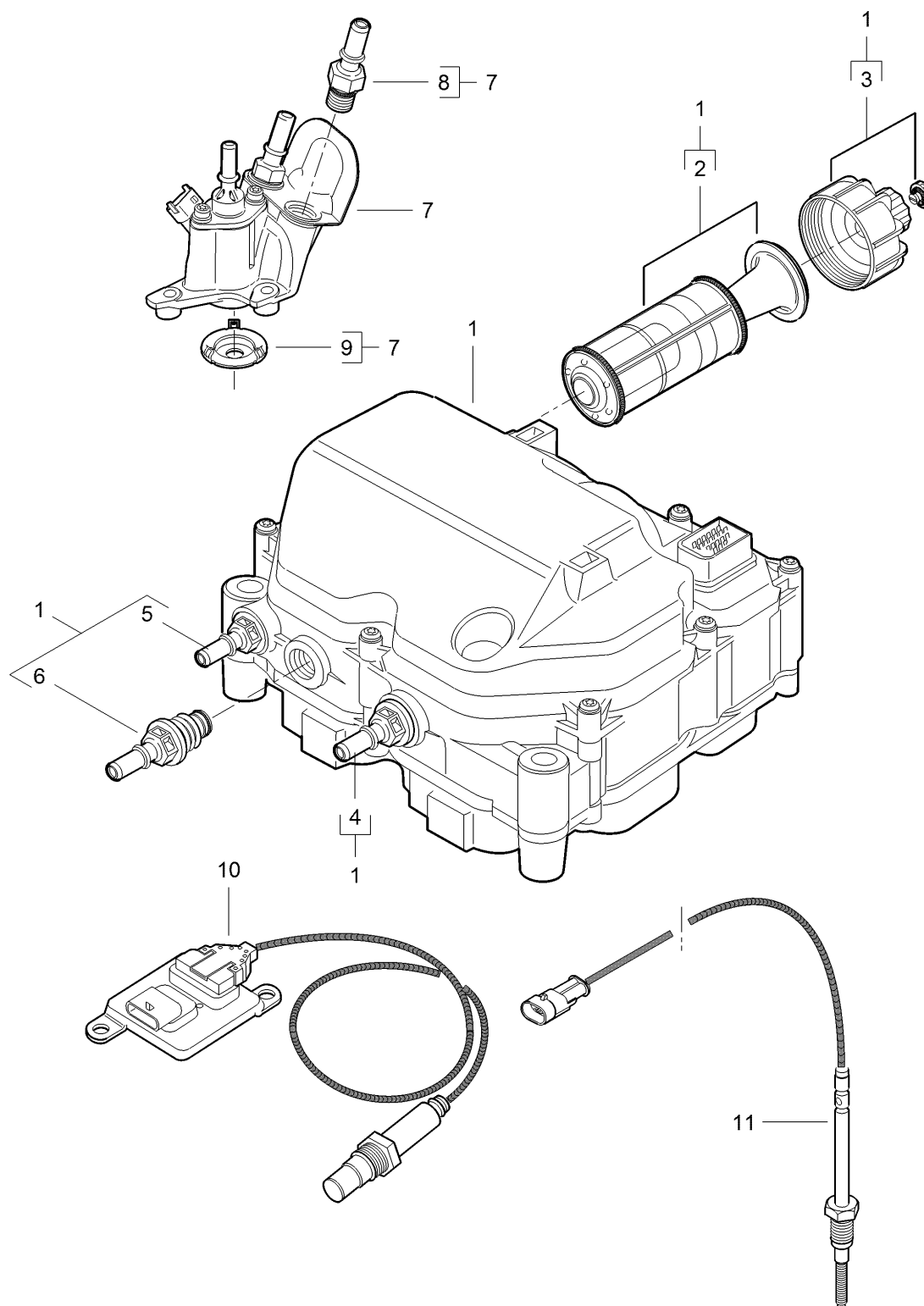
AP30C1731



AIR CONDITIONING COMPRESSOR

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V836666743	1	COMPRESSOR	
2	V684121025	1	V BELT	
3	V837074632	1	BRACKET	
4	V837073276	1	BRACKET	
5	V529801540	2	HEX CAP SCREW	
6	V500150842	2	WASHER	
7	V581805000	3	HEX SOCKET SCREW	
8	V528801800	1	HEX CAP SCREW	
9	V528801402	1	HEX CAP SCREW	
10	V500151050	5	WASHER	
11	V510601002	3	NUT	
12	V528801830	3	HEX CAP SCREW	
13	V836138015	1	SPACER PIECE	
14	V837070337	1	SPACER PIECE	

AP26H1021



EXHAUST AFTERTREATMENT

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V837074848	1	MODULE	
2	V837079423	1	DEF FILTER (1)	
3	V837079427	1	COVER (1)	
4	V837079428	1	DEF CONNECTOR (1)	
5	V837079429	1	DEF CONNECTOR (1)	
6	V837079430	1	DEF CONNECTOR (1)	
7	V837074845	1	MODULE	
8	V837079474	2	DEF CONNECTOR (7)	
9	V837079435	1	GASKET (7)	
10	V837084095	2	SENSOR	
11	V837084096	3	TEMPERATURE SENSOR	

AP27C1293

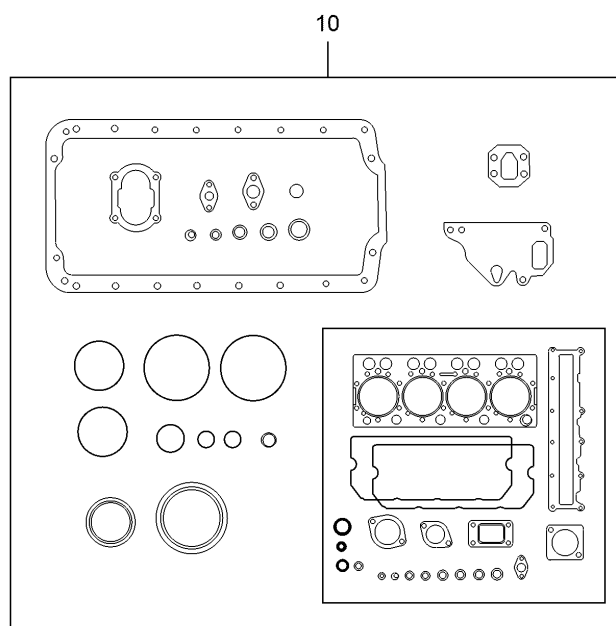
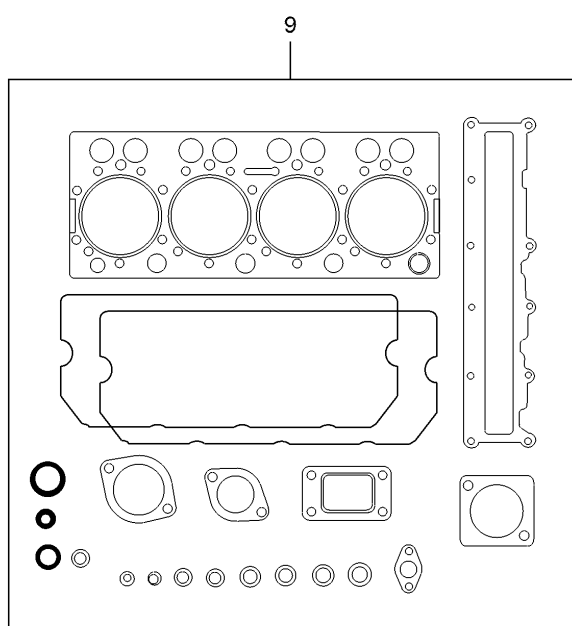
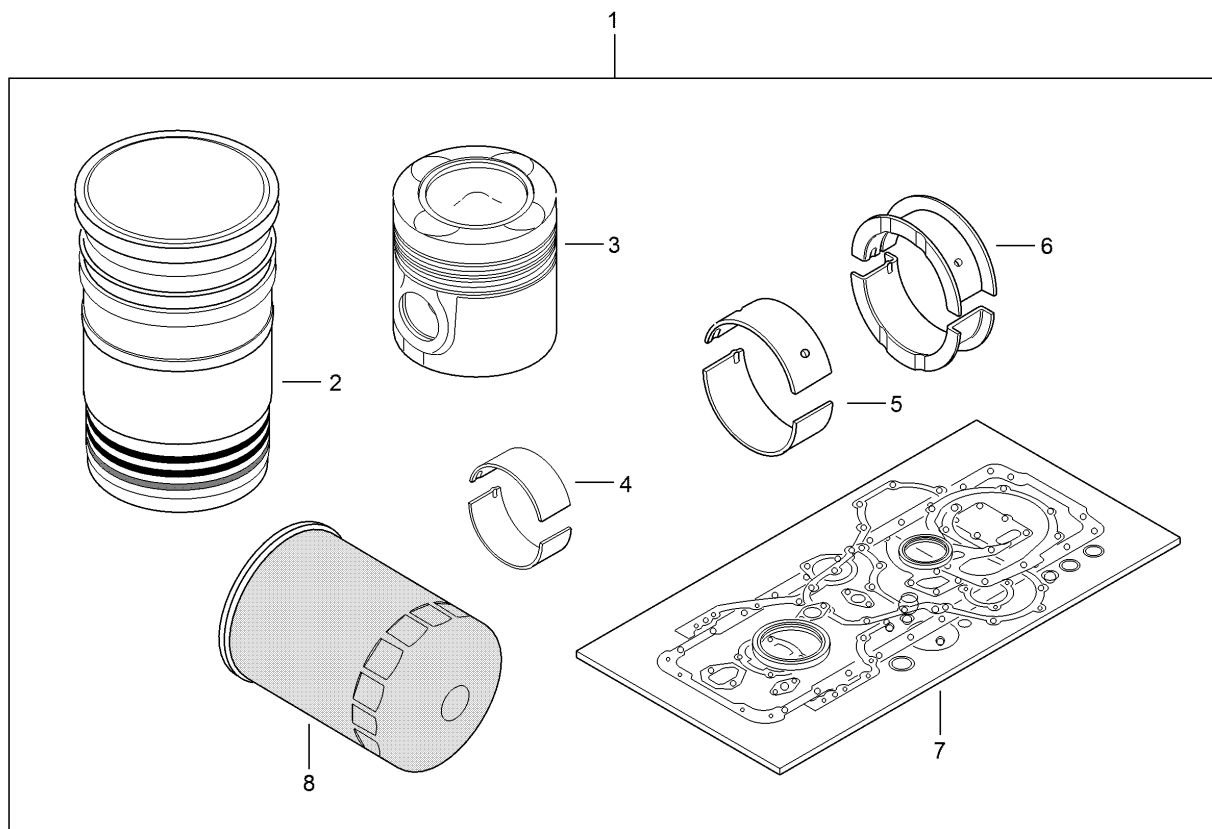
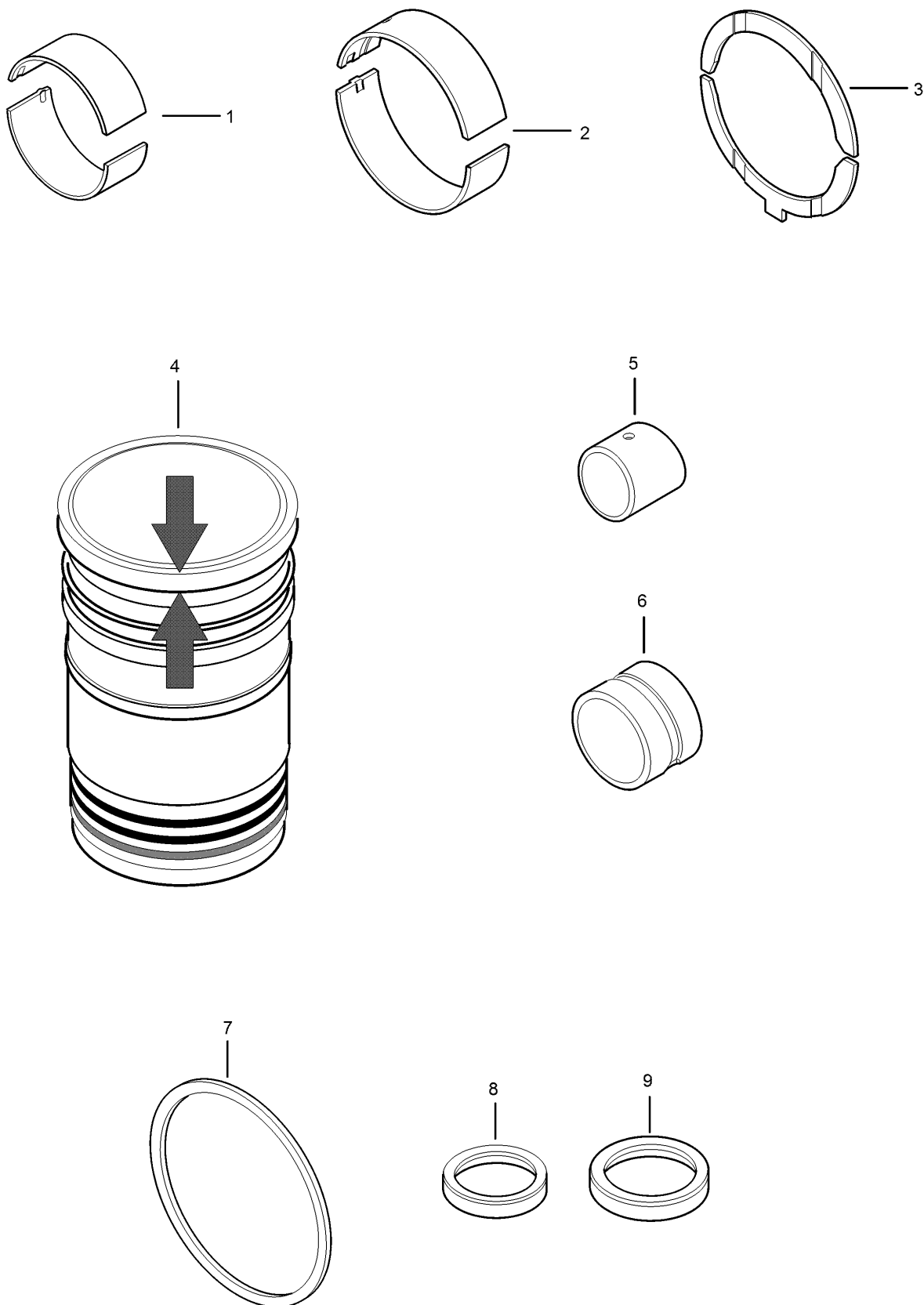


Image is a representation of these items.
Actual items may vary.

ENGINE OVERHAUL PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V837091281	1	ENGINE OVERHAUL KIT	
2	V836673191	4	LINER (1)	
3	V837086209	4	PISTON (1)	
4	V836179781	4	CONROD BEARING (1)	
5	V836655514	4	MAIN BEARING (1)	
6	V836679154	1	MAIN BEARING (1)	
7	V837079942	1	ENGINE GASKET KIT (1)	
8	V836679586	1	OIL FILTER (1)	
9	V837079941		ENGINE GASKET KIT (10)	
10	V837079942		ENGINE GASKET KIT	

AP28D1039



SPECIAL OVERHAUL PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION COMMENTS	TECHNICAL SPECIFICATION
1	V836179782		CONROD BEARING	
	V836179783		CONROD BEARING	
2	V836655536		MAIN BEARING	
	V836655537		MAIN BEARING	
3	V836120332		THRUST WASHER	
	V836120333		THRUST WASHER	
4	V836647933		LINER	
	V836647934		LINER	
	V836647935		LINER	
5	V835328326		BEARING BUSH	
6	V836866036		CAMSHAFT BEARING BUSH	
7	V836020054		SPACER	
8	V837070187		VALVE SEAT	
9	V837070188		VALVE SEAT	

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DESCRIPTION	PAGE #	DESCRIPTION	PAGE #
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AIR PIPE	01-0010	CRANKSHAFT SEAL	01-0004
ALTERNATOR	01-0018	CYLINDER BLOCK	01-0002
ALTERNATOR BRACKET	01-0018	CYLINDER HEAD	01-0007
BALL BEARING, (1),(37)	01-0014	CYLINDER HEAD BOLT	01-0007
BALL BEARING, (25)	01-0018	CYLINDER HEAD GASKET	01-0007
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BAND	01-0015	DAMPER	01-0002
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BANJO BOLT, (22)	01-0005	DEF CONNECTOR, (7)	01-0021
BANJO BOLT, (26)	01-0015	DEF FILTER, (1)	01-0021
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BEARING BUSH	01-0023	DRIVE GEAR, (1)	01-0019
BEARING BUSH, (1)	01-0019	DUAL BANJO BOLT	01-0016
BEARING BUSH, (8),(9)	01-0005	DUAL BANJO BOLT, (26)	01-0015
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BRACKET	01-0009	ENGINE GASKET KIT	01-0022
BRACKET	01-0016	ENGINE GASKET KIT, (1)	01-0022
BRACKET	01-0017	ENGINE GASKET KIT, (10)	01-0022
BRACKET	01-0020	ENGINE OIL FILL PIPE	01-0003
BREATHER, (1)	01-0008	ENGINE OVERHAUL KIT	01-0022
BUSH, (25)	01-0018	ENGINE WIRE HARNESS	01-0017
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CAMSHAFT BEARING BUSH	01-0023	FASTENER	01-0015
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CONROD BEARING	01-0023	FUEL PIPE	01-0016
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CRANKSHAFT HUB	01-0005	GASKET	01-0014
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ALPHABETICAL INDEX

DESCRIPTION	PAGE #	DESCRIPTION	PAGE #
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V837079695	01-0016	V837084941	01-0010
V837079718	01-0016	V837086138	01-0008
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V837084326	01-0017		
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V837084473	01-0009		
V837084512	01-0009		
V837084524	01-0007		
V837084545	01-0009		
V837084566	01-0009		
V837084584	01-0011		
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V837084638	01-0010		
V837084661	01-0002		
V837084792	01-0014		
V837084821	01-0005		

