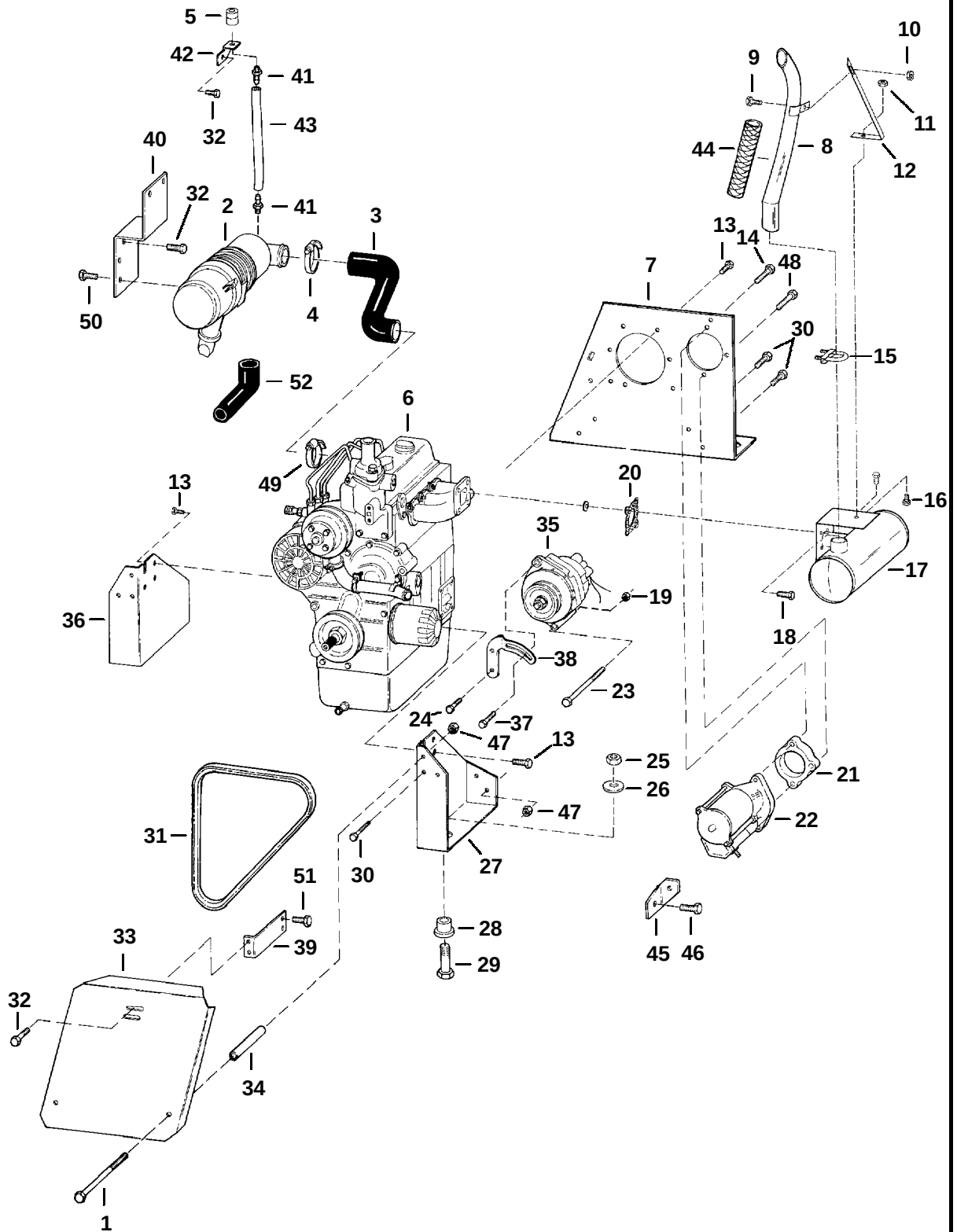


STARTER (Cont'd)
(1.4 KW) (Nippondenso - 228000-5740)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6667987	STARTER			1
2	6671976	YOKE ASSY.	W/Ref. 3 - 8 & 42		1
3	6671977	YOKE	W/Ref. 4		1
4	6671978	BRUSH KIT			2
5	6671979	BRUSH KIT			2
6	6671980	HOLDER	W/Ref. 7		1
7	6671981	SPRING			4
8	6671982	O-RING			2
9	6671983	ARMATURE	W/Ref. 10 - 13		1
10	6671984	BEARING			1
11	6671985	BEARING			1
12	6671986	BEARING			1
13	6671987	BEARING			1
14	6671988	CLUTCH	W/Ref. 15 & 16		1
15	6671989	BEARING			1
16	6671990	BEARING			1
17	6671991	SPRING			1
18	6671992	SHAFT			1
19	6671993	HOUSING			1
20	6671994	PLUNGER			1
21	6671995	GASKET			1
22	6671996	COVER			1
23	6671997	BOLT			1
24	6632435	BALL			1
25	6671998	SPRING			1
26	6671999	ROLLER			5
27	6672000	RETAINER			1
28	6672001	PINION			1
29	6672002	HOUSING			1
30	6672003	FRAME			1
31	6672004	BOLT			2
32	6672005	SCREW	W/ O-rings		2
33	6672006	NUT			1
34	6672007	BUSHING			1
35	6672008	NUT			1
36	6672009	BOLT			2
37	6672010	WASHER			2
38	6666631	O-RING			2
39	6672011	NUT			1
40	6672012	WASHER			1
41	6672013	O-RING			1
42	6672205	COVER			1
43	6672172	KIT			1

ENGINE & ATTACHING PARTS

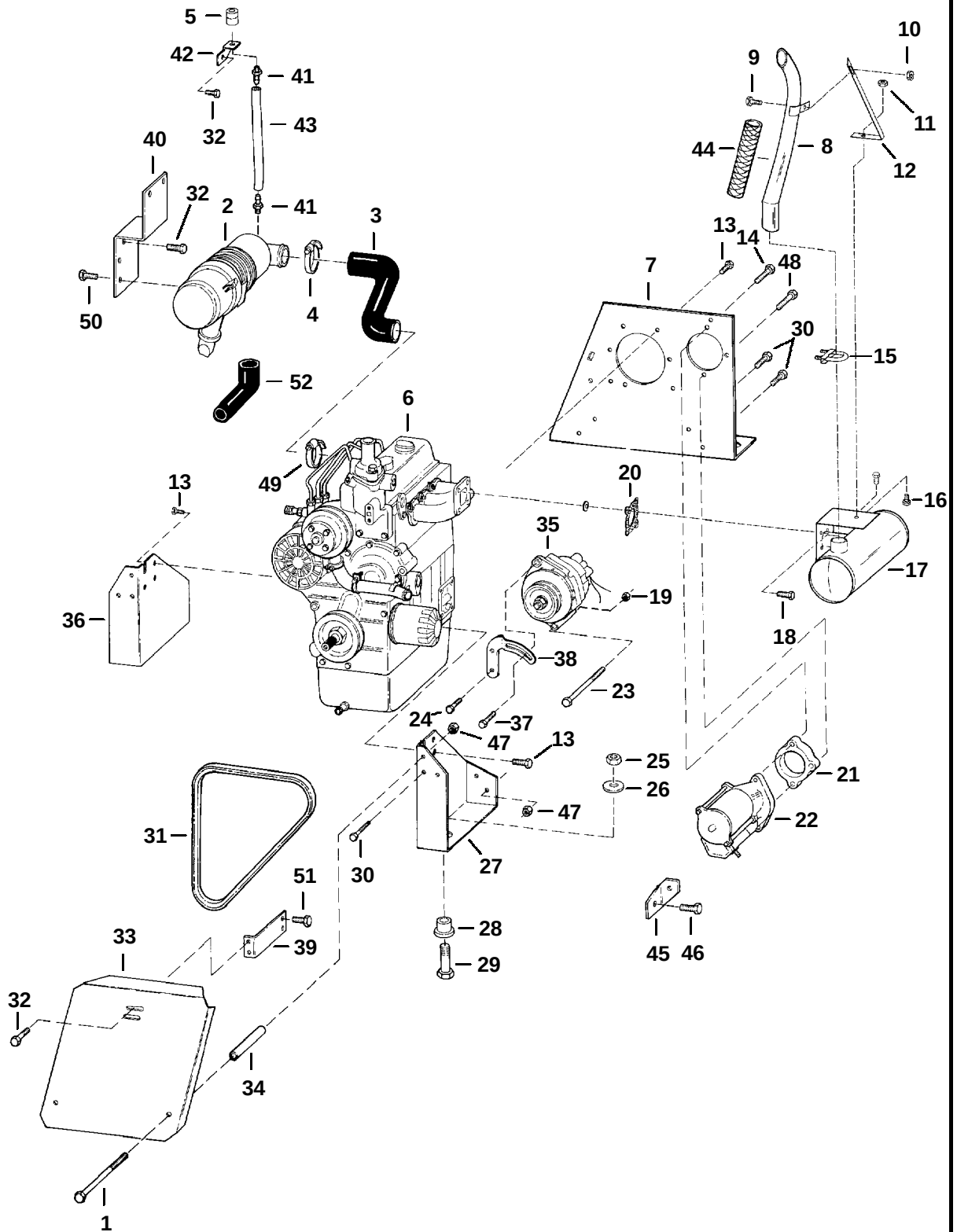


E-2399

ENGINE & ATTACHING PARTS (Cont'd)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	17C-6104	BOLT			2
2		AIR CLEANER	See Page 143		1
3	6714055	HOSE			1
4	42HL-300	CLAMP			1
5	6515007	INDICATOR			1
6		ENGINE	See Page 99		1
7	6713987	MOUNT			1
8	6676236	PIPE			1
9	31C-512	BOLT			1
10	83D-5	NUT			1
11	85D-5	NUT			5
12	6715921	BRACE			1
13	6733378	BOLT			11
14	17C-644	BOLT			1
15	710706	CLAMP			1
16	17C-512	BOLT			1
17	6680166	MUFFLER			1
	6672536	MUFFLER	purifier		1
18	6701123	BOLT			4
19	83D-6	NUT			1
20	6575580	GASKET			1
21	6562198	SPACER			1
22		STARTER	See Page 87		1
23	17C-652	BOLT			1
24	4CM-616	BOLT			2
25	61D-8	NUT			4
26	6515817	WASHER			4
27	6713988	MOUNT			1
28	6677919	MOUNT	rubber		4
29	35C-840	BOLT			4
30	17C-616	BOLT			4
31	6715547	BELT			1
32	84G-3712	BOLT			4
33	6714602	SHIELD			1
34	6731844	TUBE			2
35		ALTERNATOR	See Page 85		1
36	6714035	MOUNT			1
37	29CM-820	BOLT			1
38	6672481	BRACKET			1
39	6731843	BRACKET			1
40	6714054	MOUNT			1
41	6505813	FITTING			2
42	6704823	BRACKET			1
43	6557720	HOSE	18"(457mm) long - sold per ft.		x
44	6716088	HEAT SHIELD			1
45	6715743	BRACKET	starter		1
46	6719825	BOLT			1
47	61D-6	NUT			8
48	17C-652	BOLT			1
49	42HL-250	CLAMP			1
50	55CM-816	BOLT			2

ENGINE & ATTACHING PARTS (Cont'd)



E-2399

ENGINE & ATTACHING PARTS (Cont'd)

[illegible]

Diagram illustrating the assembly of a pump system, showing various components and their connections. The components are numbered 1 through 46.

Note: For engine to pump coupler, see drive coupler page

The diagram shows the following components and their assembly relationships:

- 1**: Main pump housing or frame.
- 2**: Small pin or screw.
- 3**: Small bracket or plate.
- 4**: Small bracket or plate.
- 5**: Small bracket or plate.
- 6**: Small pin or screw.
- 7**: Small pin or screw.
- 8**: Small bracket or plate.
- 9**: Small pin or screw.
- 10**: Small cap or plug.
- 11**: Small bracket or plate.
- 12**: Small pin or screw.
- 13**: Small pin or screw.
- 14**: Small pin or screw.
- 15**: Small pin or screw.
- 16**: Small pin or screw.
- 17**: Small pin or screw.
- 18**: Small pin or screw.
- 19**: Small pin or screw.
- 20**: Small pin or screw.
- 21**: Small pin or screw.
- 22**: Small pin or screw.
- 23**: Small pin or screw.
- 24**: Small pin or screw.
- 25**: Small pin or screw.
- 26**: Small pin or screw.
- 27**: Small pin or screw.
- 28**: Small pin or screw.
- 29**: Small pin or screw.
- 30**: Small pin or screw.
- 31**: Small pin or screw.
- 32**: Small pin or screw.
- 33**: Small pin or screw.
- 34**: Small pin or screw.
- 35**: Small pin or screw.
- 36**: Small pin or screw.
- 37**: Small pin or screw.
- 38**: Small pin or screw.
- 39**: Small pin or screw.
- 40**: Small pin or screw.
- 41**: Small pin or screw.
- 42**: Small pin or screw.
- 43**: Small pin or screw.
- 44**: Small pin or screw.
- 45**: Small pin or screw.
- 46**: Small pin or screw.

The diagram shows the assembly of the pump housing (1) with various internal components (2-10) and external components (11-19). The pump is connected to a drive shaft (20) via a coupler (21). The pump is also connected to a hose (22) which leads to a filter (23). The filter is connected to a pump (24) which is driven by an engine (25). The engine is connected to a drive shaft (26) via a coupler (27). The drive shaft (26) is connected to a pump (28) which is driven by an engine (29). The pump (28) is connected to a hose (30) which leads to a filter (31). The filter (31) is connected to a pump (32) which is driven by an engine (33). The pump (32) is connected to a hose (34) which leads to a filter (35). The filter (35) is connected to a pump (36) which is driven by an engine (37). The pump (36) is connected to a hose (38) which leads to a filter (39). The filter (39) is connected to a pump (40) which is driven by an engine (41). The pump (40) is connected to a hose (42) which leads to a filter (43). The filter (43) is connected to a pump (44) which is driven by an engine (45). The pump (44) is connected to a hose (46) which leads to a filter (47).

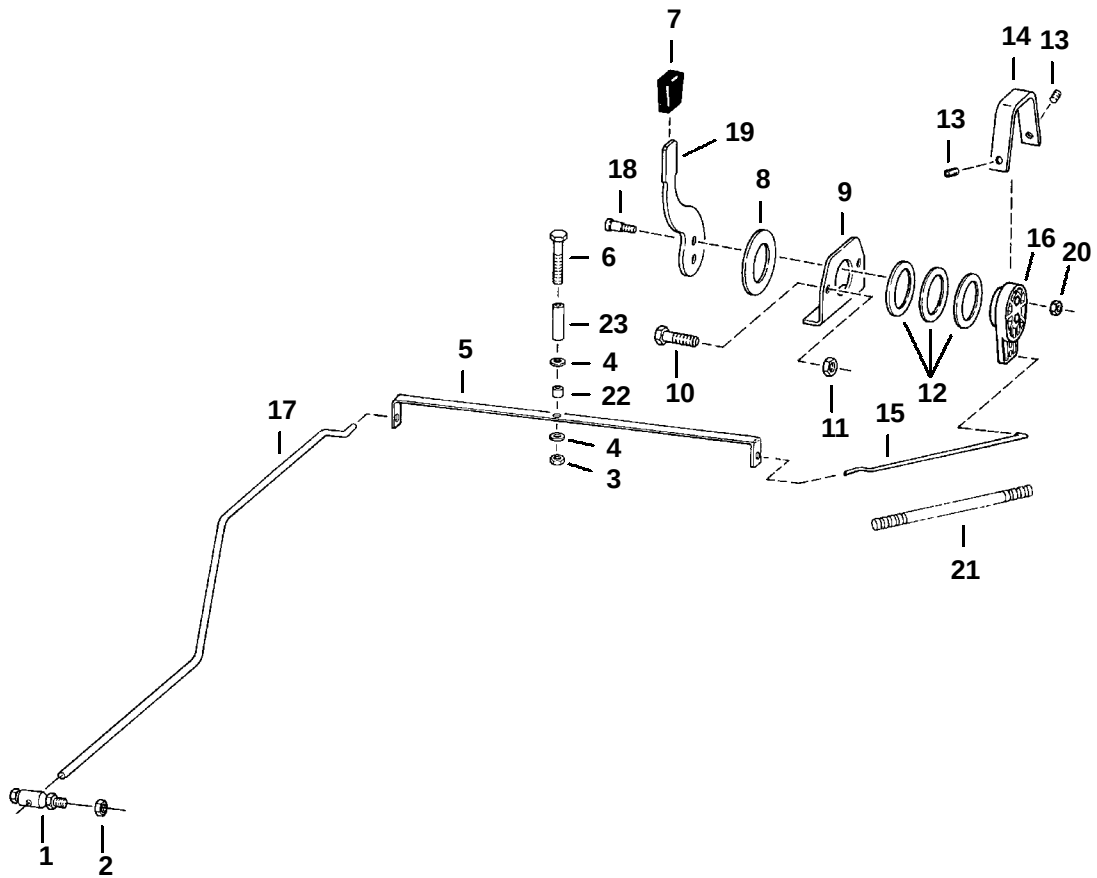
93

Model 553AF Loader Parts

ENGINE & ATTACHING PARTS (Cont'd)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6714663	GRILL			1
2	84G-3716	BOLT			2
3	1323182	NUT			5
4	6678820	RADIATOR			1
5	6731063	MOUNT			1
6	37C-516	BOLT			2
7	774220	NUT			4
8	83D-5	NUT			4
9	35C-510	BOLT			2
10	6702797	CAP			1
11	6576660	TANK			1
12	5HM-20	CLAMP			1
13	NAP	SEAL	11.40"(290mm) lg. - order ref. 39		2
14	6715561	HEAT SHIELD			1
15	6577822	HOSE	bulk-Sold Per Foot		x
16	1303932	GROMMET			1
17	30H-34	CLAMP			1
18	57D-5	NUT			2
19	6714054	MOUNT			1
20	6564969	STRIP	foam		1
21	6715182	COVER			1
22	35C-512	BOLT			5
23	6578684	HOUSING			1
24	35C-620	BOLT			1
25	6678755	KNOB			2
26	6678785	NUT	retaining		2
27	25E-15	WASHER			2
28	17C-616	BOLT			4
29	35C-614	BOLT			4
30	83D-6	NUT			4
31	42HS-4	CLAMP			2
32	6578682	BLOWER WHEEL			1
33	6714076	FLYWHEEL	W/Ring Gear		1
	6510470	GEAR			1
34	6714059	HOSE			1
35	5HM-35	CLAMP			4
36		OIL FILTER	See Page 111		1
37		ENGINE	See Page 99		1
38	6715530	HOSE	drain		1
39	6512686	SEAL	bulk - sold per foot		x
40	6714058	HOSE			1
41	84G-3112	BOLT			2
42	6714976	COVER			1
43	6666606	RADIATOR CAP	7 psi		1
	6646678	RADIATOR CAP	14 psi		1
44	10C-512	BOLT			2
45	36K-6	CAP			1
46	59D-6	NUT			1

THROTTLE & CHOKE

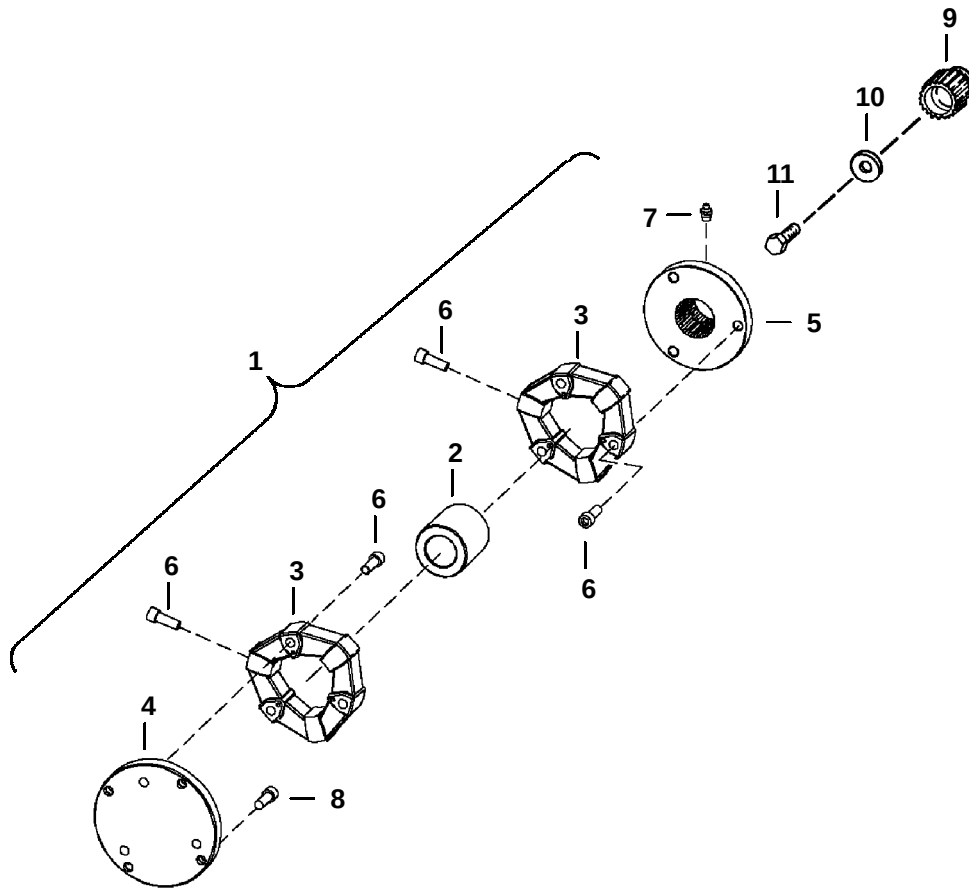


D-2406

THROTTLE & CHOKE (Cont'd)

[illegible]

DRIVE COUPLER



B-5715

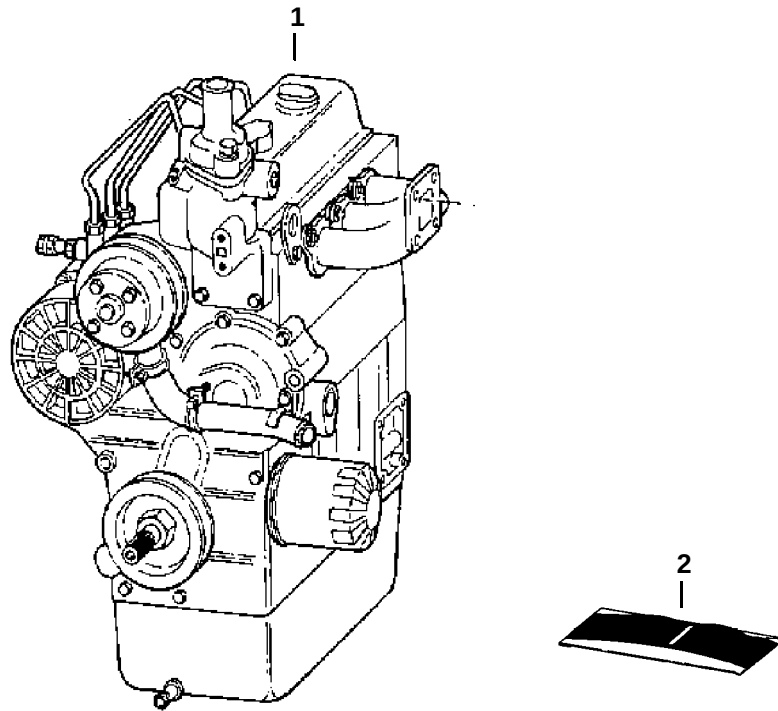
PE-1603

PE-1344

DRIVE COUPLER (Cont'd)

[illegible]

ENGINE

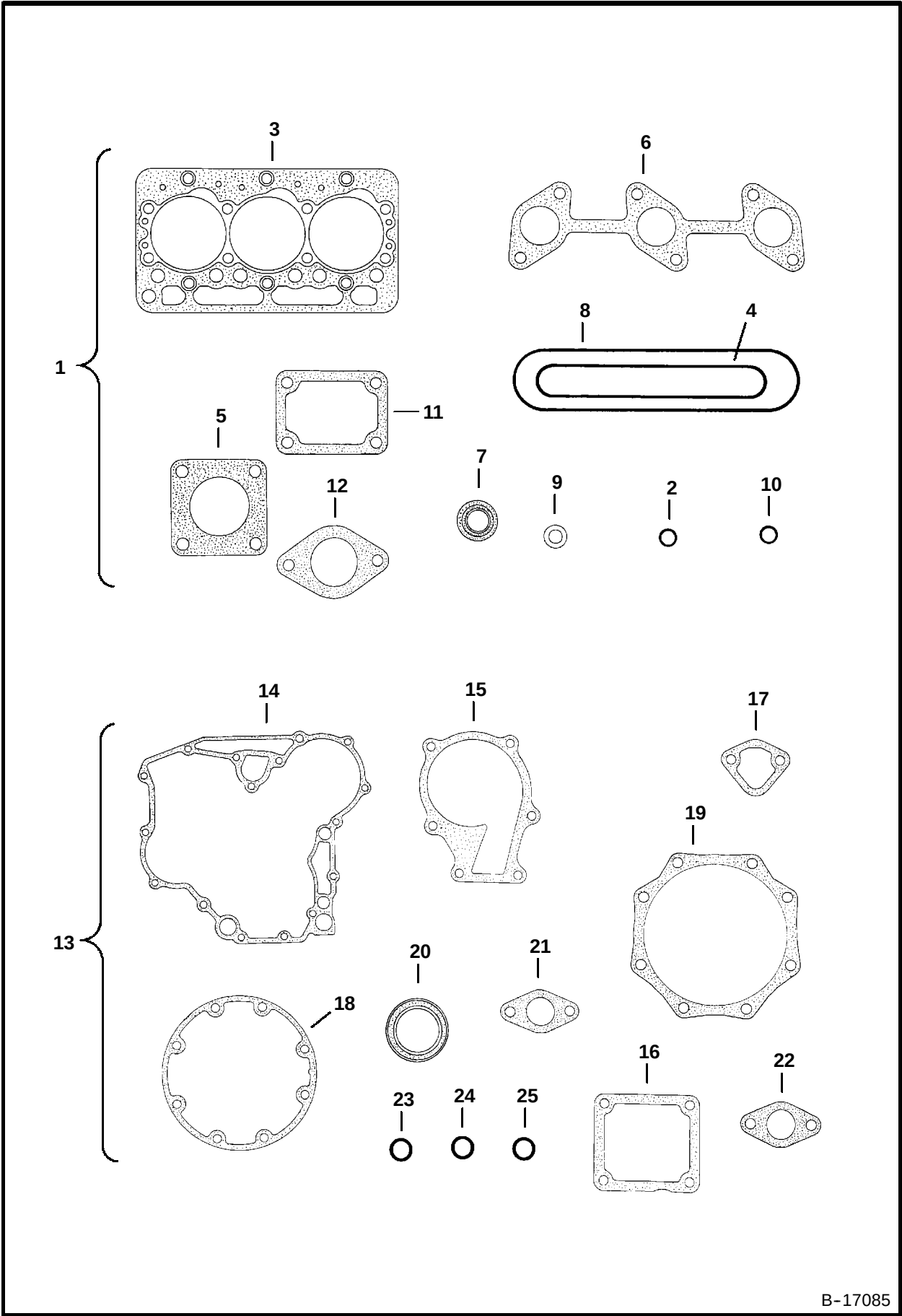


B-17086

ENGINE (Cont'd)

[illegible]

GASKET KITS

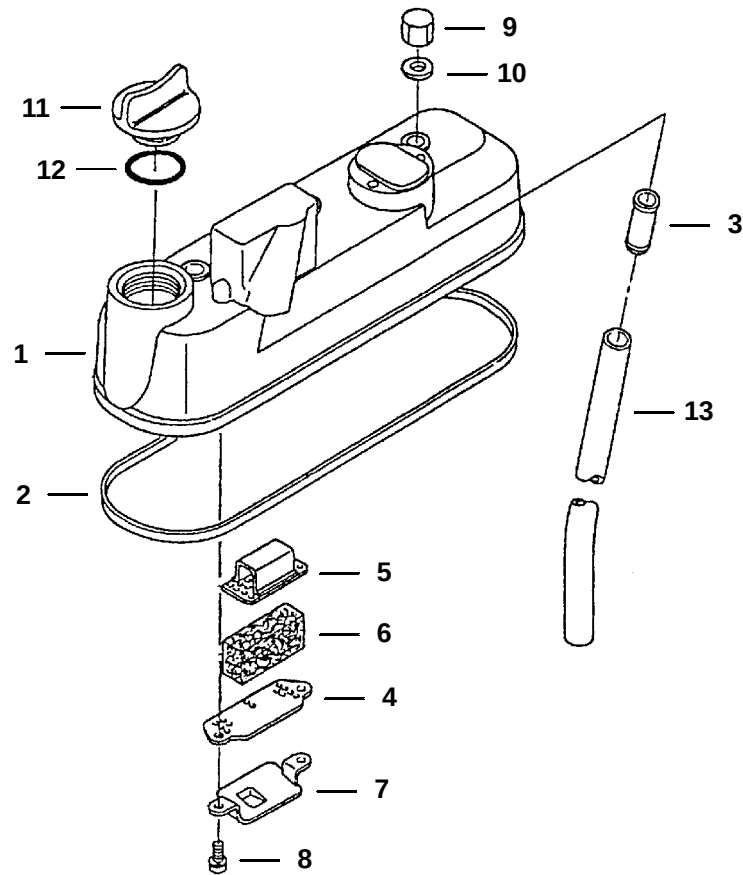


B-17085

GASKET KITS (Cont'd)

[illegible]

ROCKER ARM COVER

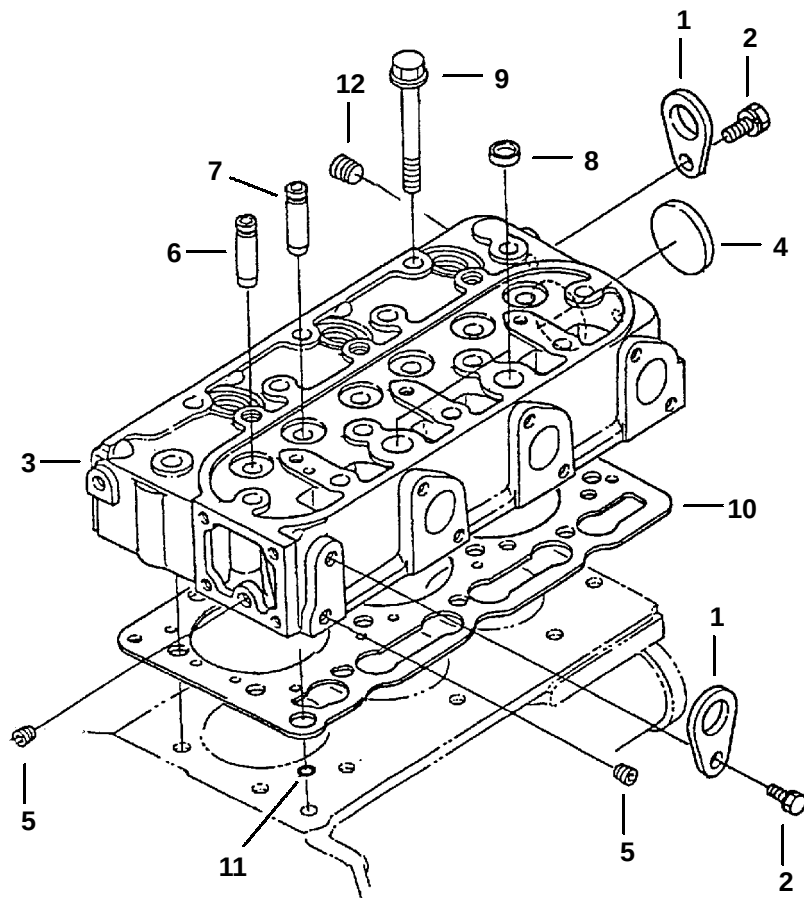


B-15030

ROCKER ARM COVER (Cont'd)

[illegible]

CYLINDER HEAD

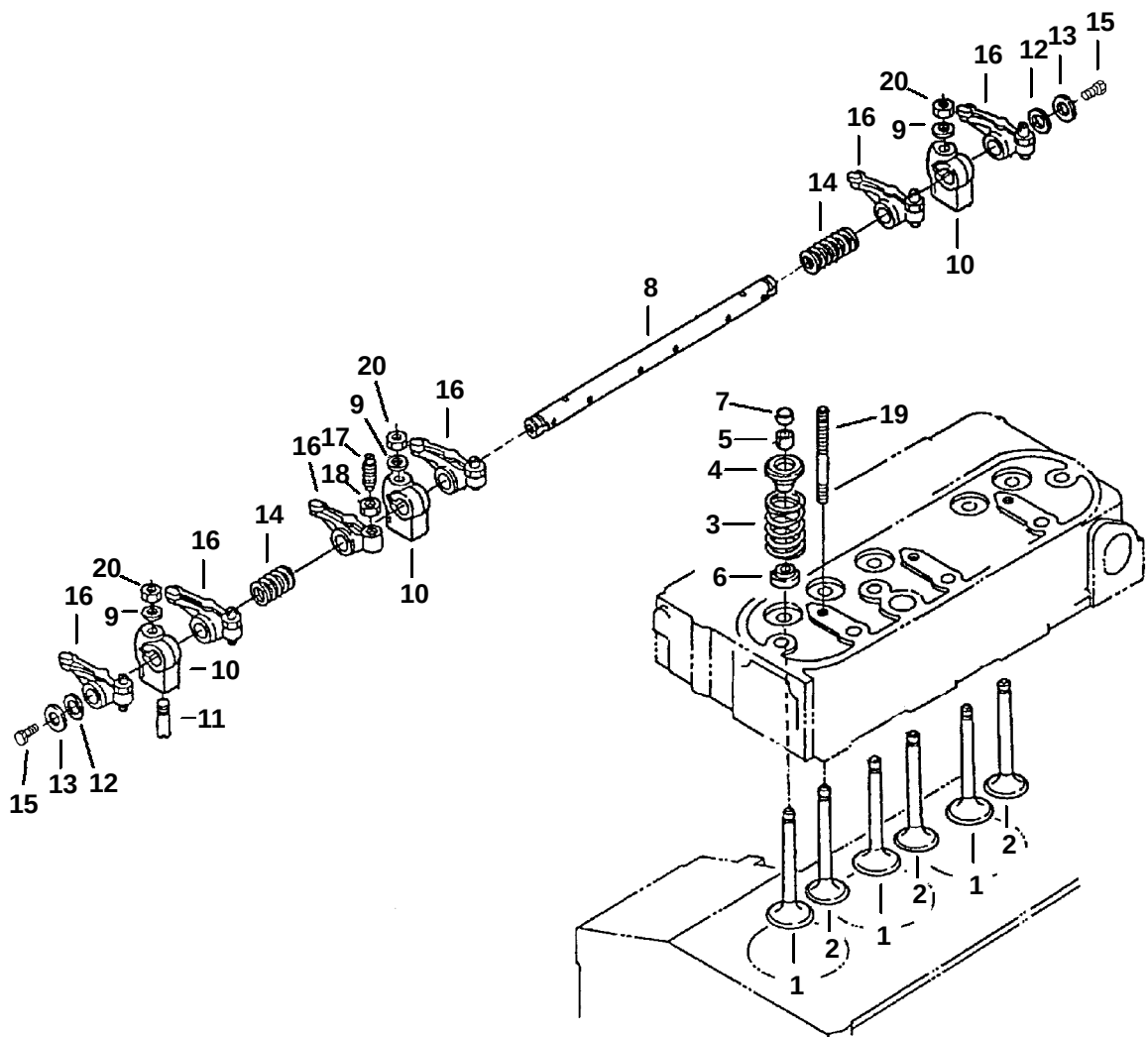


B-15028

CYLINDER HEAD (Cont'd)

[illegible]

ROCKER ARM & VALVES

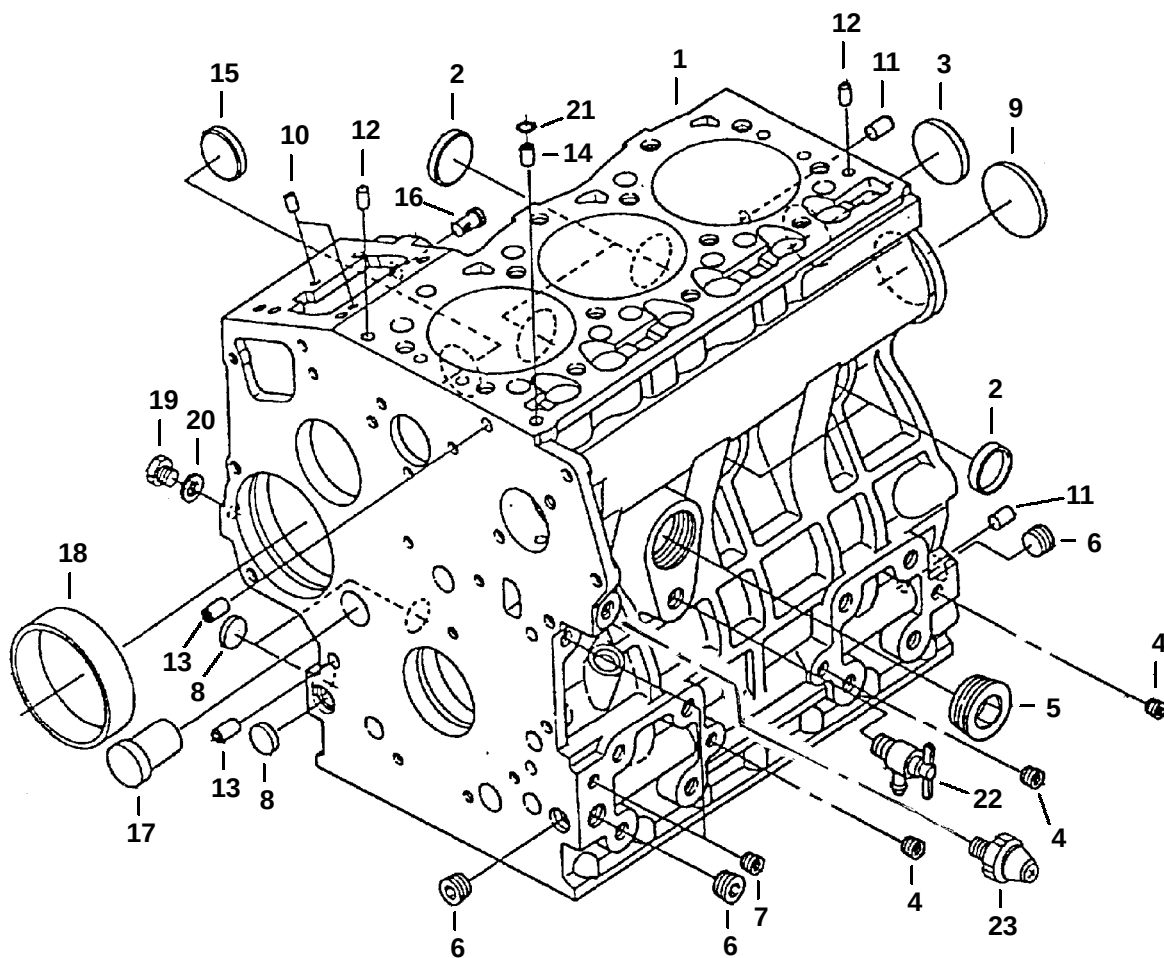


B-17087

ROCKER ARM & VALVES (Cont'd)

[illegible]

CRANKCASE

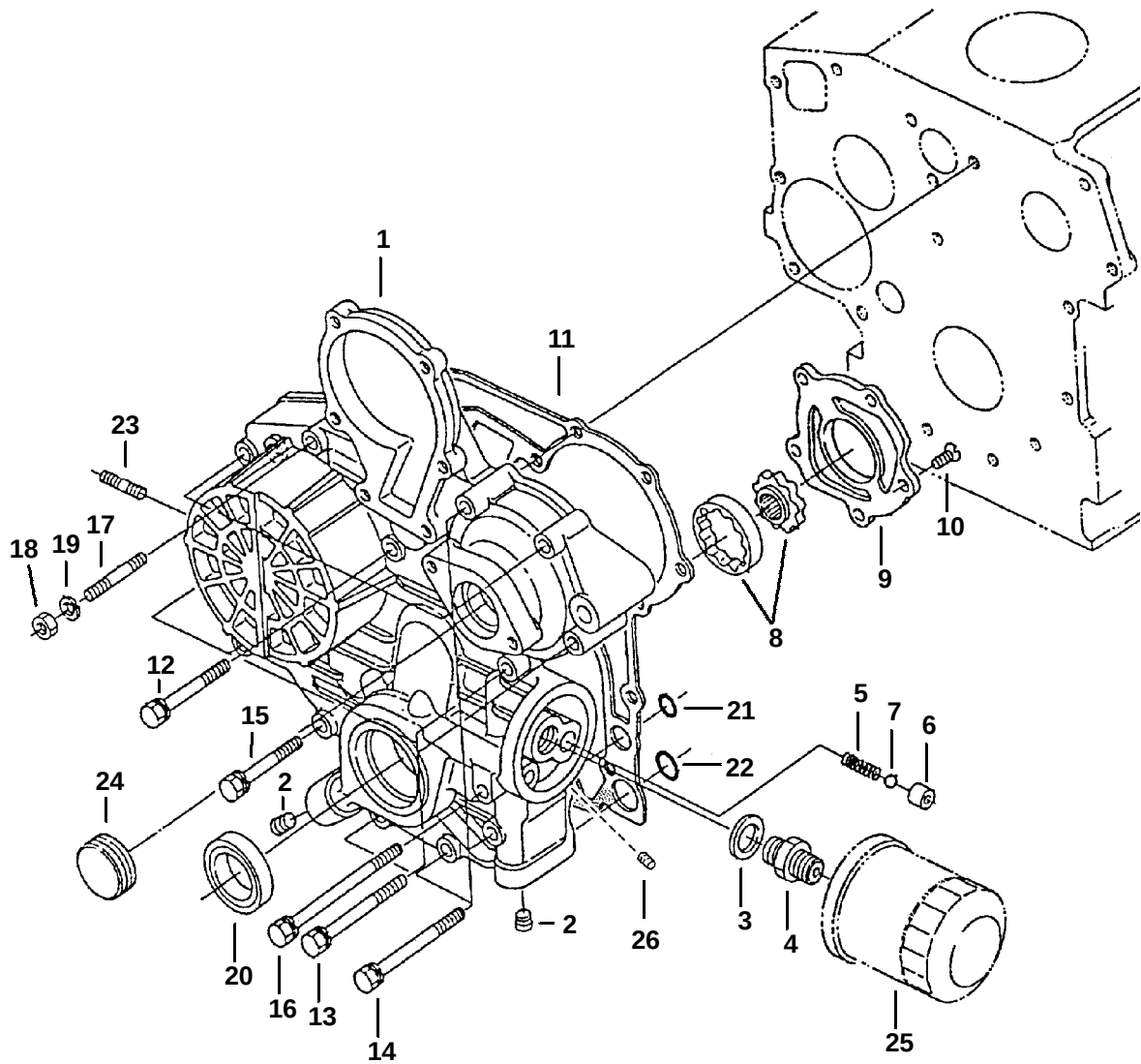


B-15026

CRANKCASE (Cont'd)

[illegible]

GEAR CASE

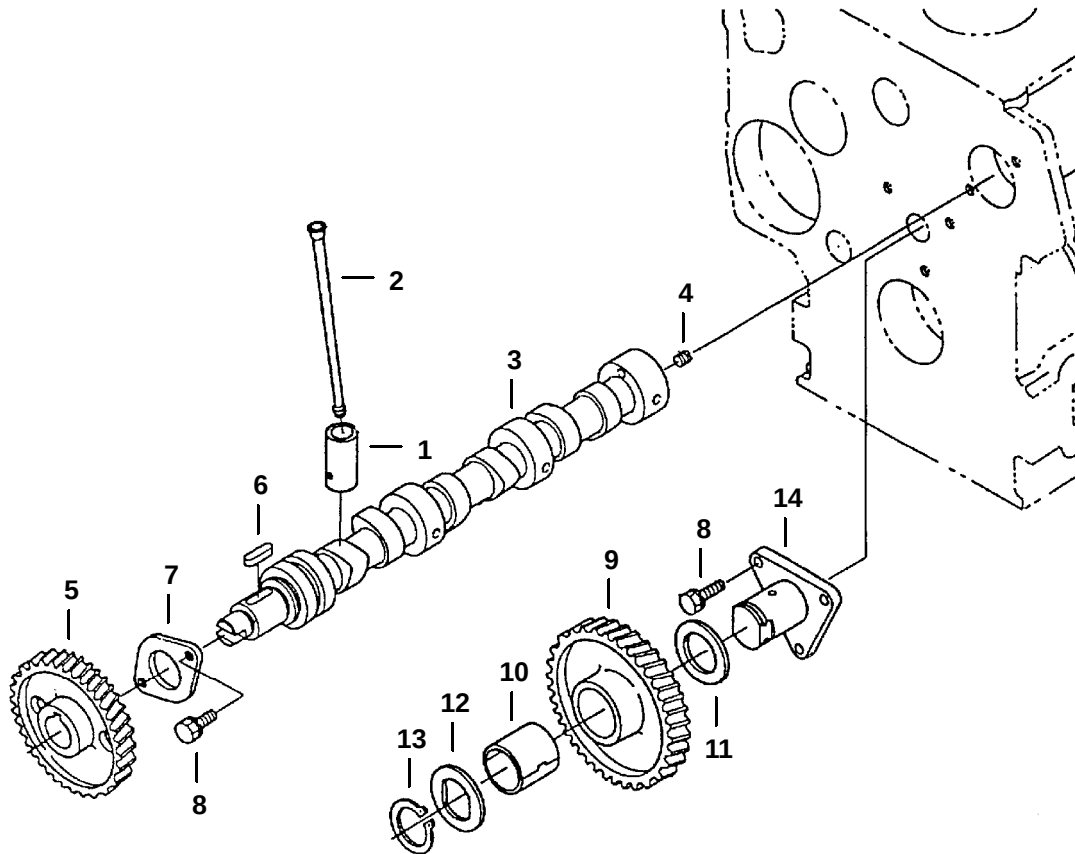


B-17088

GEAR CASE (Cont'd)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6680261	GEARCASE ASSY	W/Ref. 2 - 10		1
2	6672360	PLUG			2
3	15EM-180	WASHER			1
4	3974114	JOINT			1
5	6657554	SPRING			1
6	6657553	SEAT			1
7	6657426	BALL			1
8	6657549	ROTOR ASSY	oil pump		1
9	6672361	COVER	oil pump		1
10	6680262	BOLT			5
11	6672362	GASKET			1
12	6657412	BOLT			3
13	6670770	BOLT			4
14	6657413	BOLT			4
15	6657457	BOLT			1
16	6657589	BOLT			1
17	6680263	STUD			1
18	1DM-6	NUT			1
19	6667419	WASHER			1
20	6657603	SEAL			1
21	6598097	O-RING			2
22	3966515	O-RING			2
23	6680264	STUD			2
24	6672363	COVER			1
25	6657635	OIL FILTER			1
26	6652574	PLUG			1

CAMSHAFT

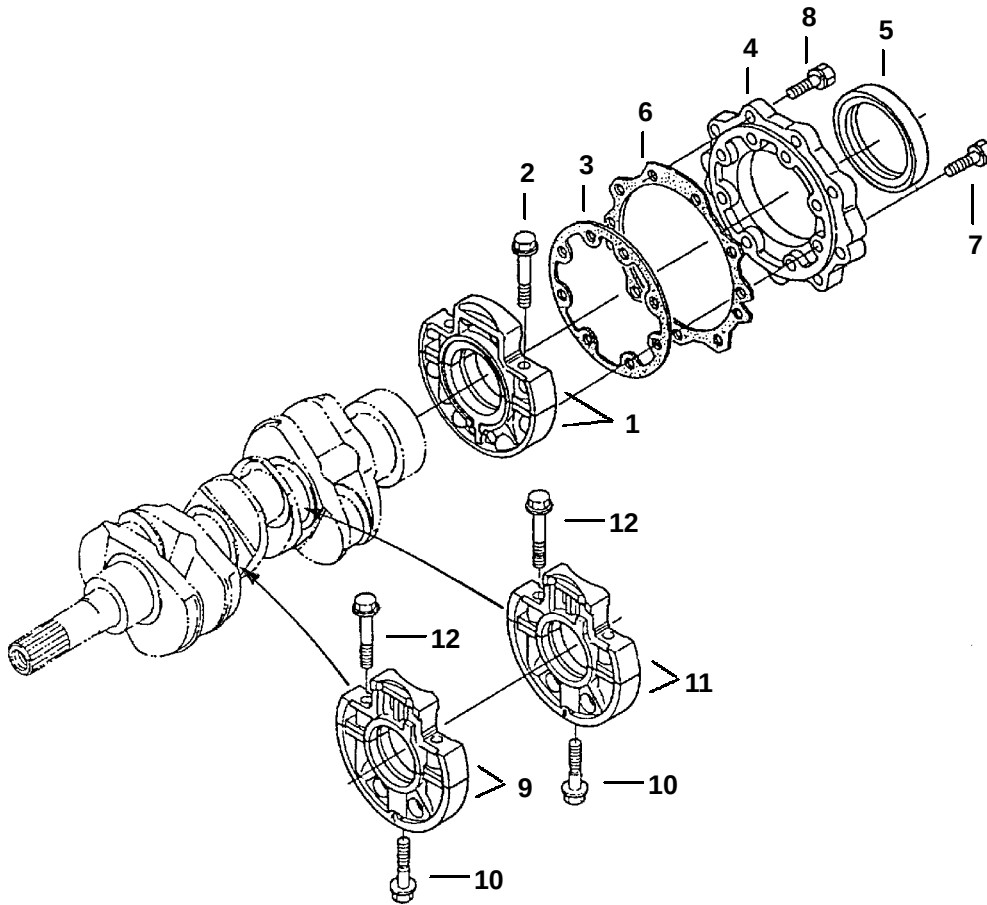


B-17089

CAMSHAFT (Cont'd)

[illegible]

MAIN BEARING CASE

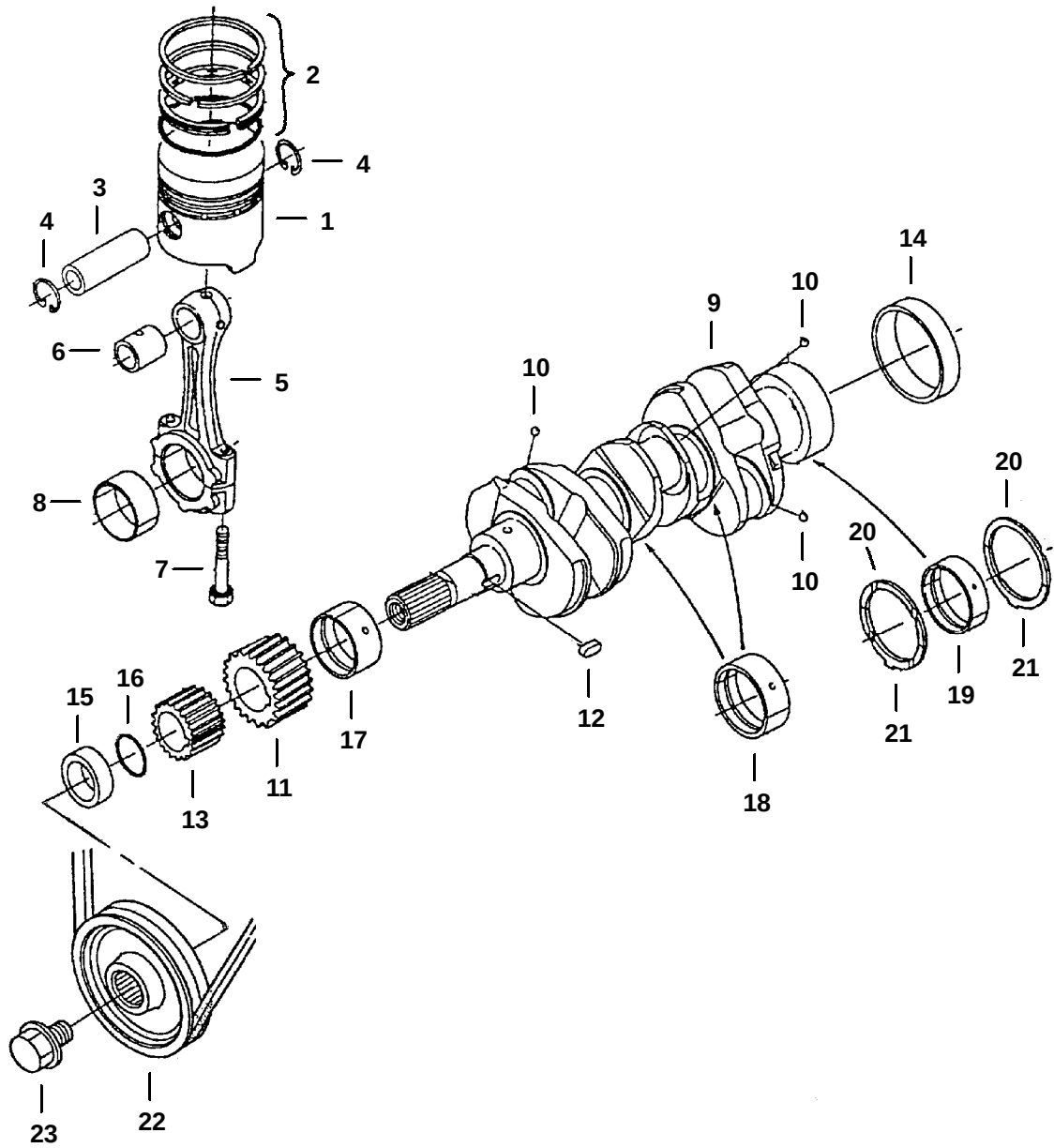


B-17090

MAIN BEARING CASE (Cont'd)

[illegible]

PISTON & CRANKSHAFT

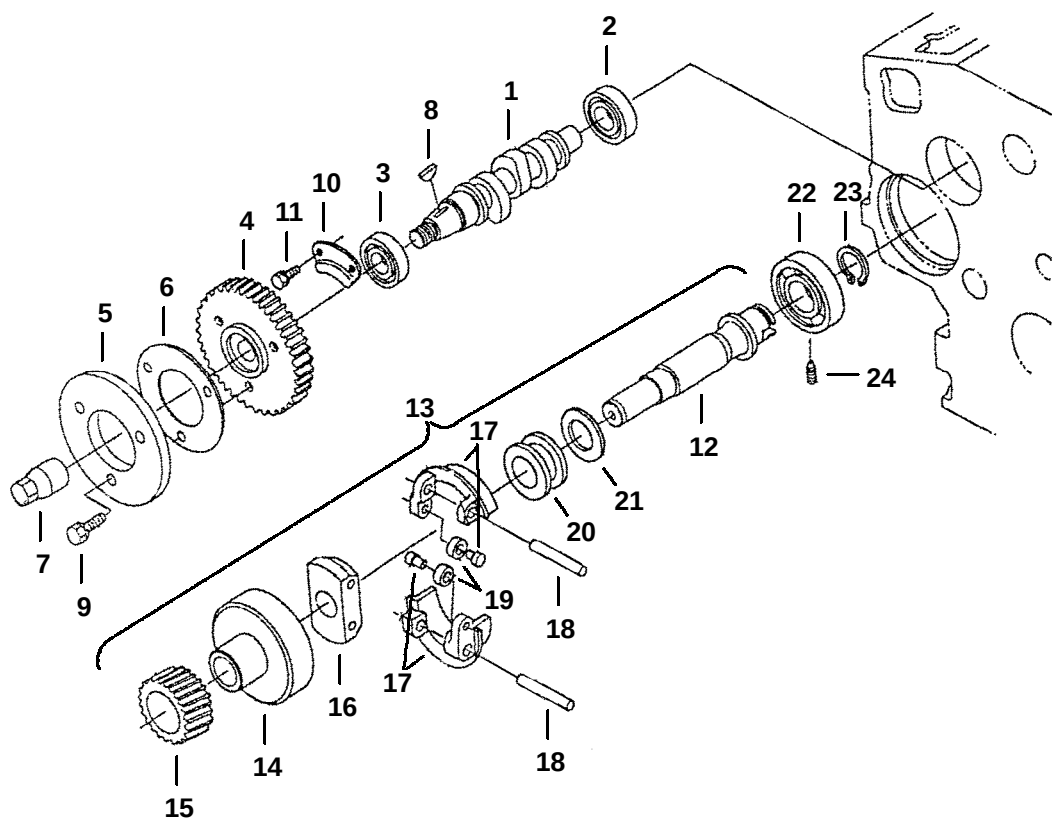


B-15033

PISTON & CRANKSHAFT (Cont'd)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6680265	PISTON	standard		3
	6680266	PISTON	+0.5mm		3
2	6657618	RING ASSY	standard		3
	6657619	RING ASSY	+0.5mm		3
3	6657521	PIN			3
4	6657522	SNAP RING			6
5	6672377	ROD ASSY	W/Ref. 6 - 8		3
6	6657524	BUSHING			3
7	6657526	BOLT			6
8	6657527	ROD BEARING	standard		3
	6657528	ROD BEARING	-0.2mm		3
	6657529	ROD BEARING	-0.4mm		3
9	6680267	CRANKSHAFT	W/Ref. 10 - 14		1
10	6652633	BALL			3
11	6657541	GEAR			1
12	6657661	KEY			1
13	6657552	GEAR			1
14	6657531	SLEEVE			1
15	6657530	COLLAR			1
16	6680268	O-RING			1
17	6657532	BEARING	standard		1
	6657537	BEARING	-0.2mm		1
	6657538	BEARING	-0.4mm		1
18	6657533	BEARING	standard		2
	6657539	BEARING	-0.2mm		2
	6657540	BEARING	-0.4mm		2
19	6680269	BEARING	standard		1
	6680270	BEARING	-0.2mm		1
	6680271	BEARING	-0.4mm		1
20	3974945	WASHER	standard		2
	6654715	WASHER	+0.2mm		2
	3975022	WASHER	+0.4mm		2
21	6653865	WASHER	standard		2
	6654002	WASHER	+0.2mm		2
	6654003	WASHER	+0.4mm		2
22	6672428	PULLEY			1
23	6657588	BOLT			1

FUEL CAMSHAFT

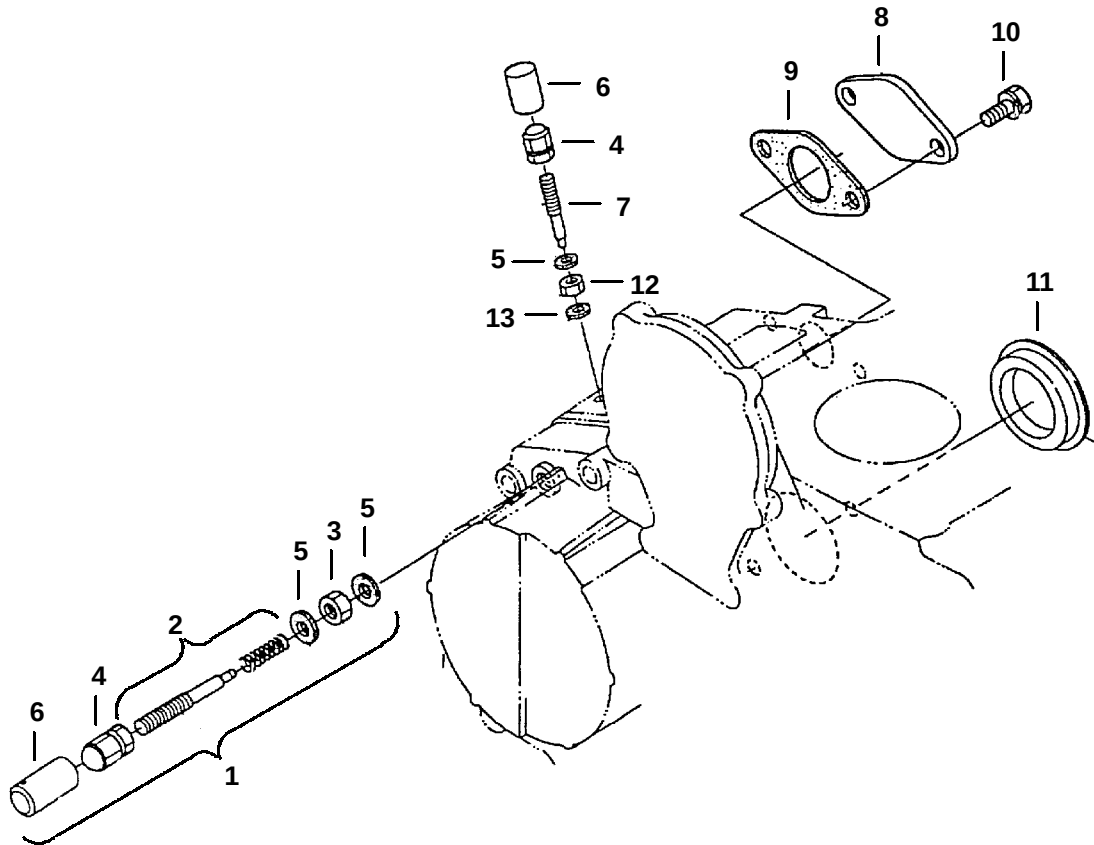


B-15034

FUEL CAMSHAFT (Cont'd)

[illegible]

ENGINE STOP LEVER

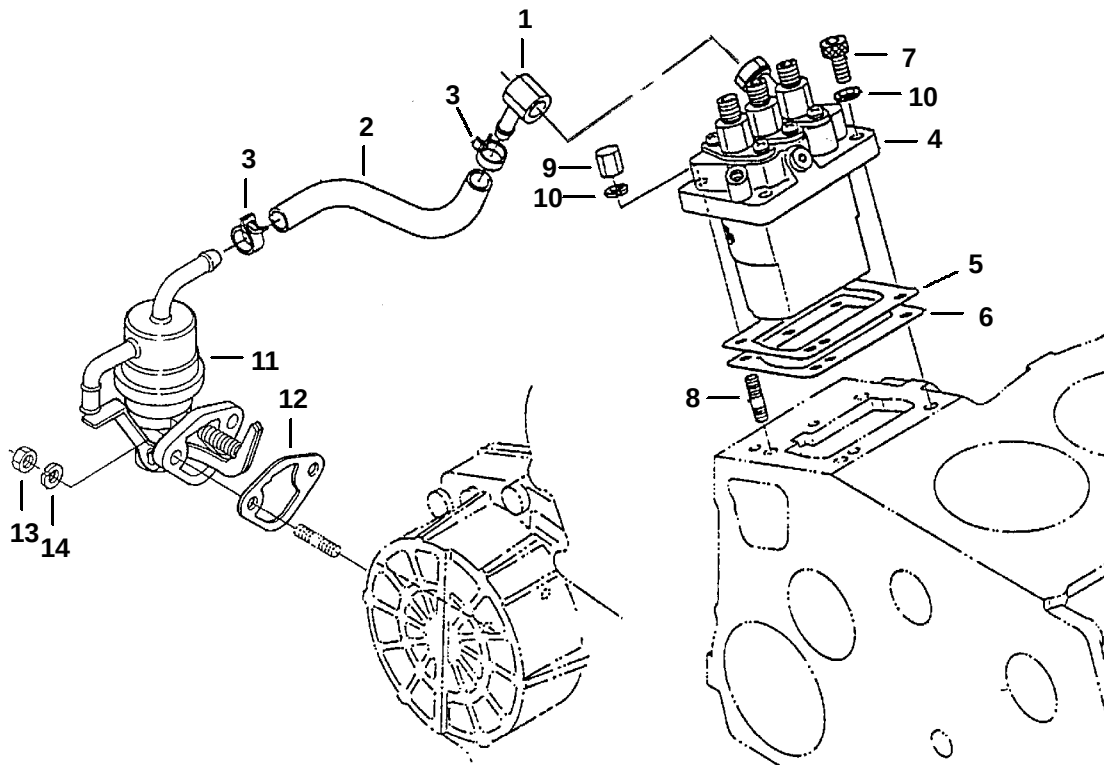


B-17091

ENGINE STOP LEVER (Cont'd)

[illegible]

INJECTION PUMP & FUEL PUMP

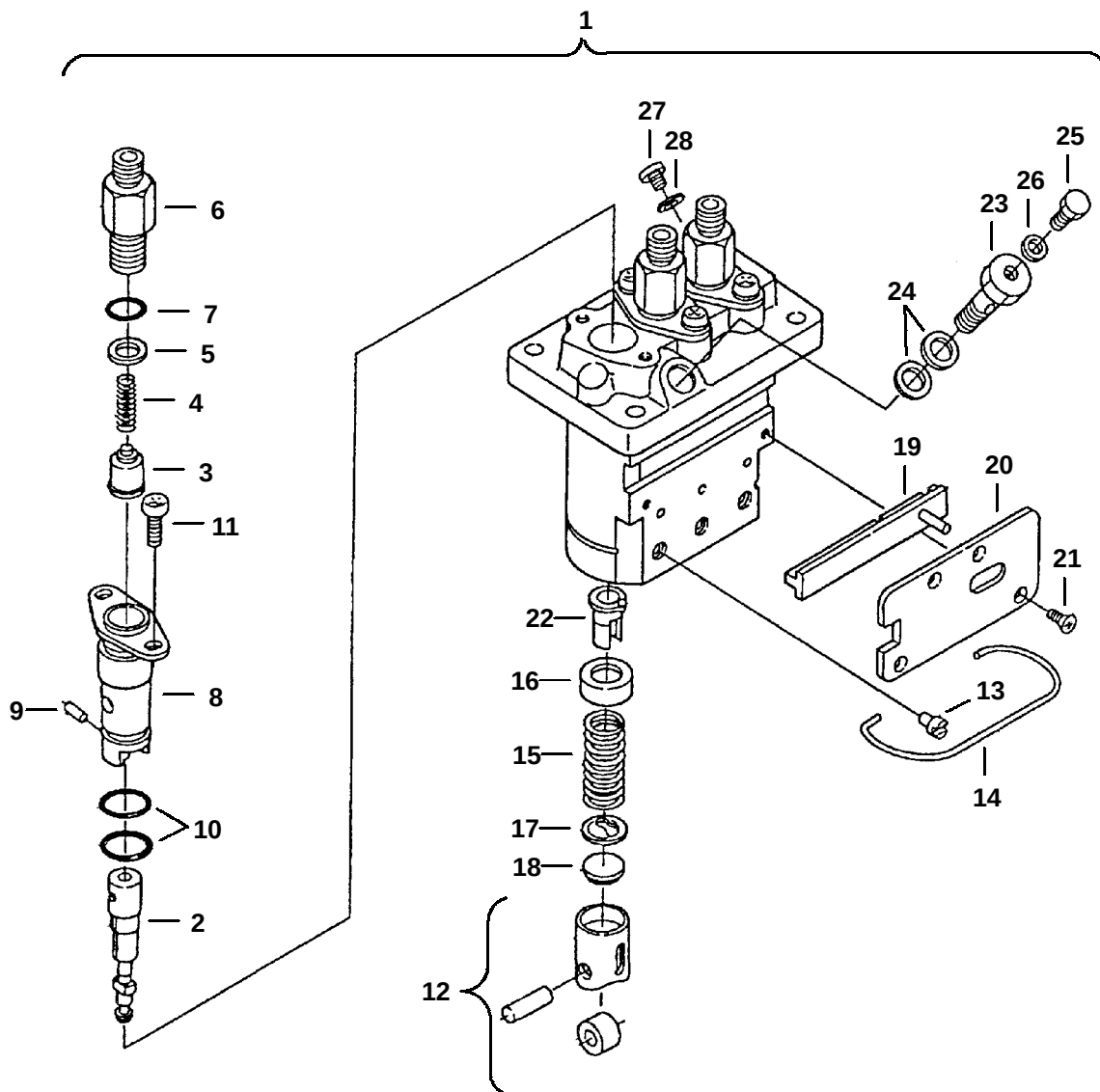


B-15036

INJECTION PUMP & FUEL PUMP (Cont'd)

[illegible]

INJECTION PUMP

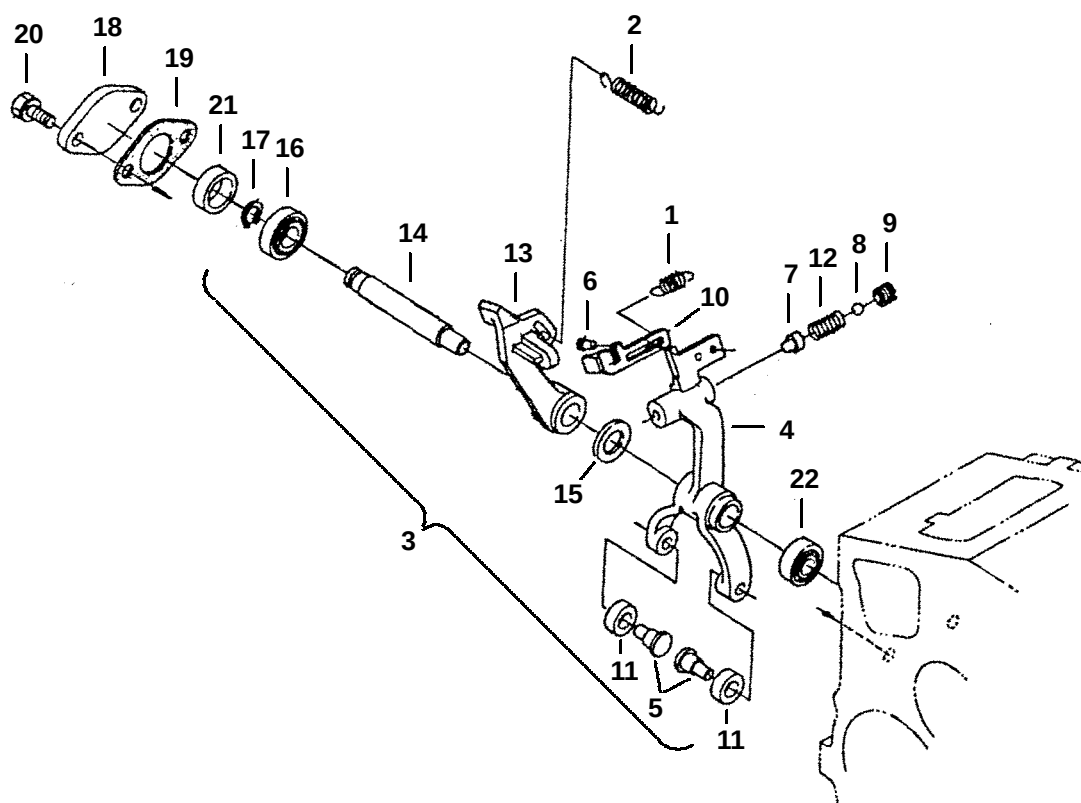


B-15037

INJECTION PUMP (Cont'd)

Ref. No.	Part Number	Description	Remarks	Serial Number	Qty.
1	6672389	INJECTION PUMP	W/Ref. 2 - 28		1
2	6672392	PLUNGER			3
3	6657436	VALVE	delivery		3
4	6657439	SPRING			3
5	6657440	GASKET			3
6	6657639	HOLDER			3
7	6657468	O-RING			3
8	6657449	FLANGE			3
9	6657464	PIN			3
10	6657438	O-RING			6
11	6657471	SCREW			6
12	6657437	TAPPET ASSY			3
13	6657441	PIN			3
14	6670441	PIN			1
15	6657443	SPRING			3
16	6657442	SEAT			3
17	6657444	SEAT			3
18	6657448	SHIM			3
19	6672393	RACK			1
20	6672394	PLATE			1
21	6657462	SCREW			4
22	6657447	SLEEVE			3
23	6672395	BOLT			1
24	6657466	GASKET			2
25	6657445	SCREW			1
26	6657467	GASKET			1
27	6672396	PLUG			1
28	6657466	GASKET			1

GOVERNOR

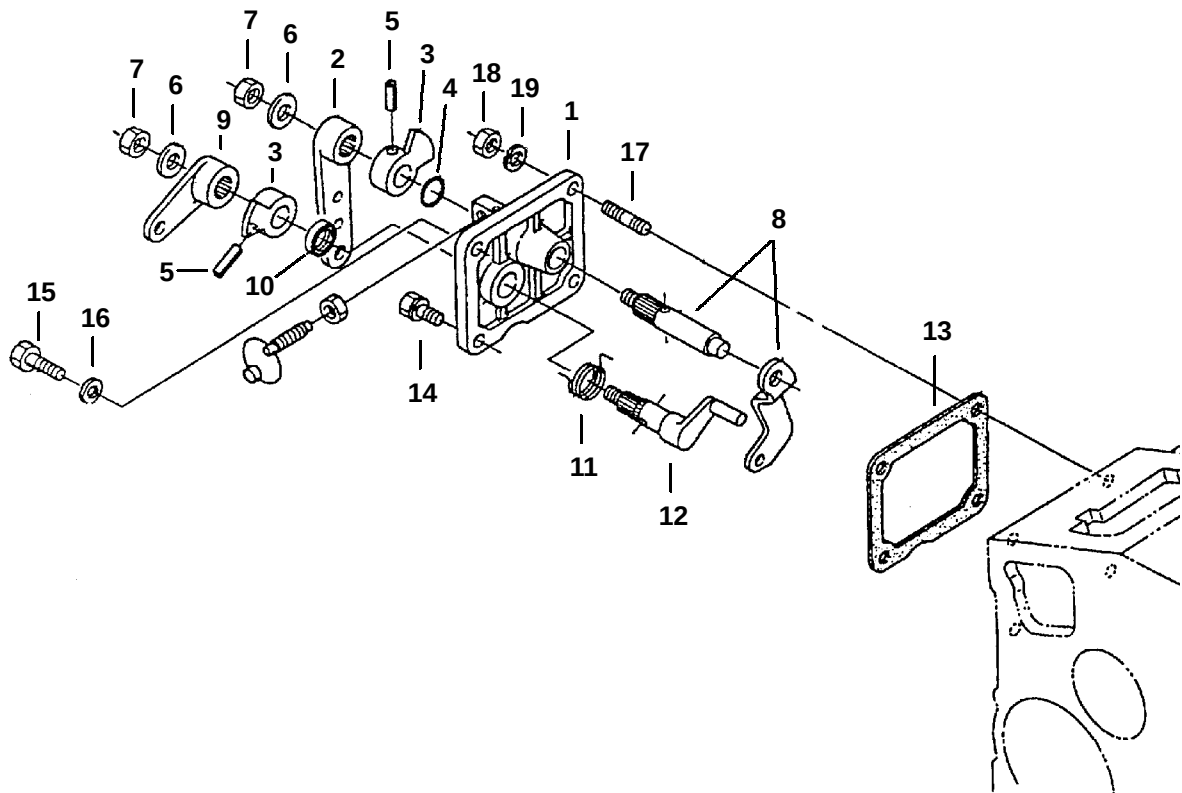


B-15038

GOVERNOR (Cont'd)

[illegible]

SPEED CONTROL PLATE



B-15039

SPEED CONTROL PLATE (Cont'd)

[illegible]

This technical diagram illustrates the exploded view of a 4-cylinder engine assembly. The components are numbered as follows:

- 1**: Spark plug
- 2**: Spark plug
- 3**: Spark plug
- 4**: Spark plug
- 5**: Spark plug
- 6**: Spark plug
- 7**: Spark plug
- 8**: Spark plug
- 9**: Spark plug
- 10**: Spark plug
- 11**: Spark plug
- 12**: Spark plug
- 13**: Spark plug
- 14**: Spark plug
- 15**: Spark plug
- 16**: Spark plug

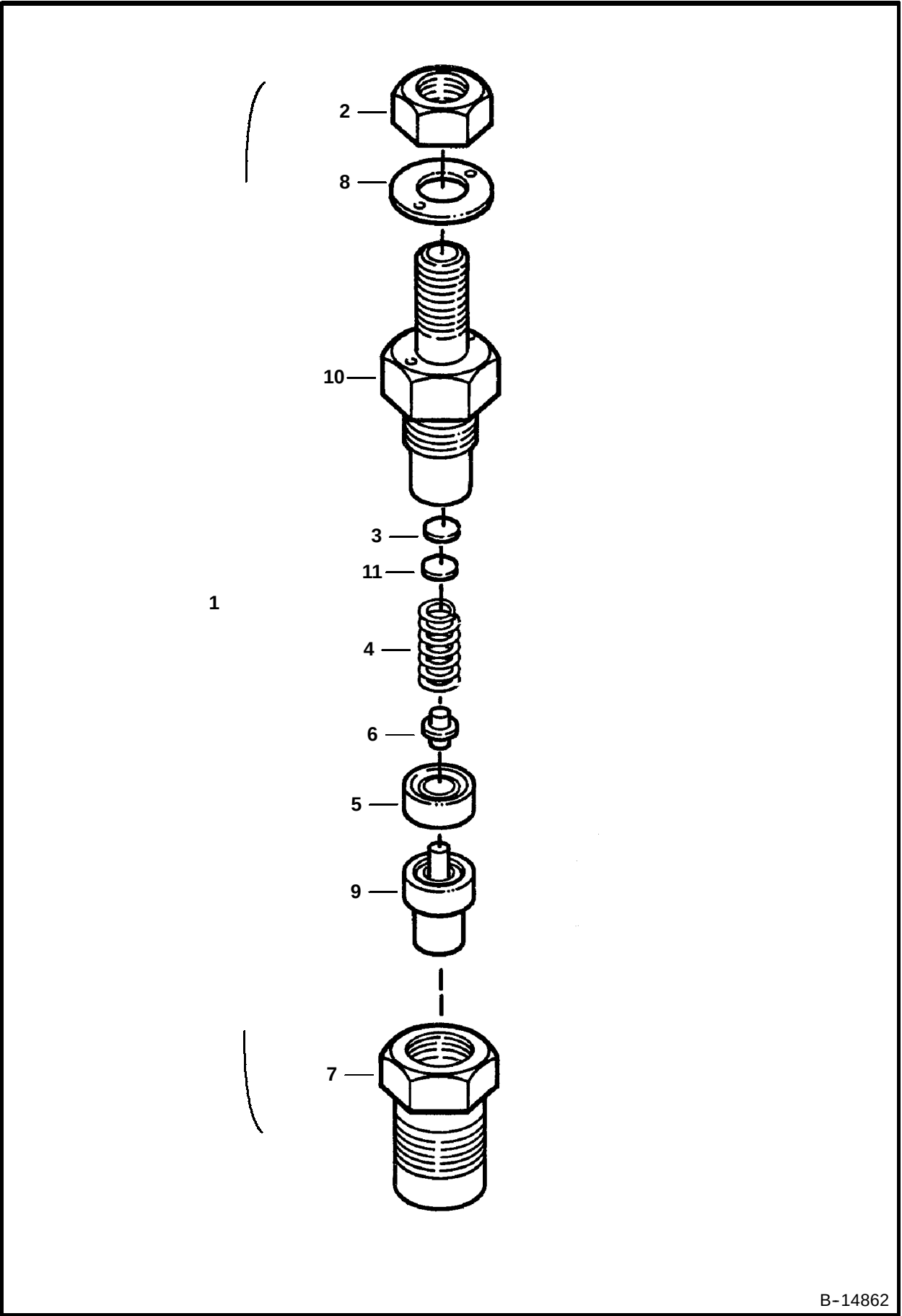
The diagram shows the engine block with four cylinders. Each cylinder has a spark plug (1-4) and a corresponding spark plug (5-8). The spark plugs are shown in their respective positions, with some labeled with 'A' and 'B' to indicate specific orientations or types. The spark plug wires (9-16) are shown connecting the spark plugs to the distributor. The distributor is shown at the bottom left, with the spark plug wires connected to its terminals. The spark plug wires are labeled 9, 10, 11, 12, 13, 14, 15, and 16. The spark plugs are labeled 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, and 16. The diagram is a black and white line drawing.

Model 553AF Loader Parts

INJECTOR NOZZLES (Cont'd)

[illegible]

NOZZLE HOLDER

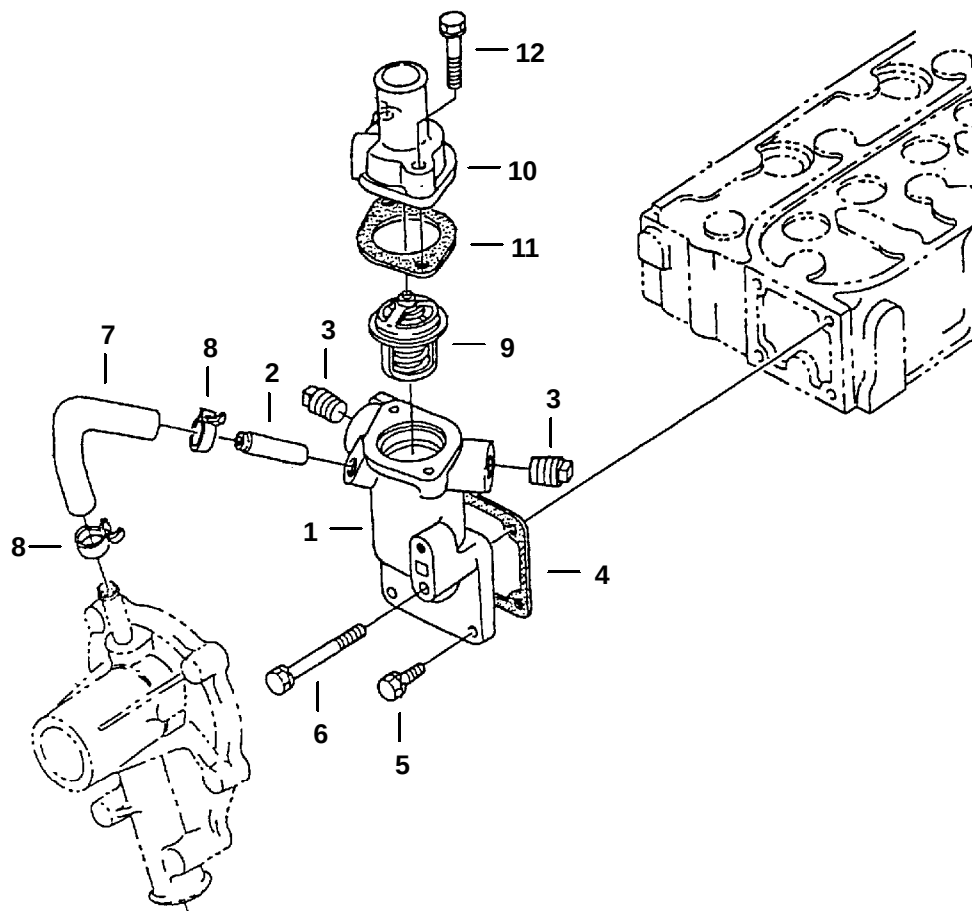


B-14862

NOZZLE HOLDER (Cont'd)

[illegible]

WATER FLANGE & THERMOSTAT

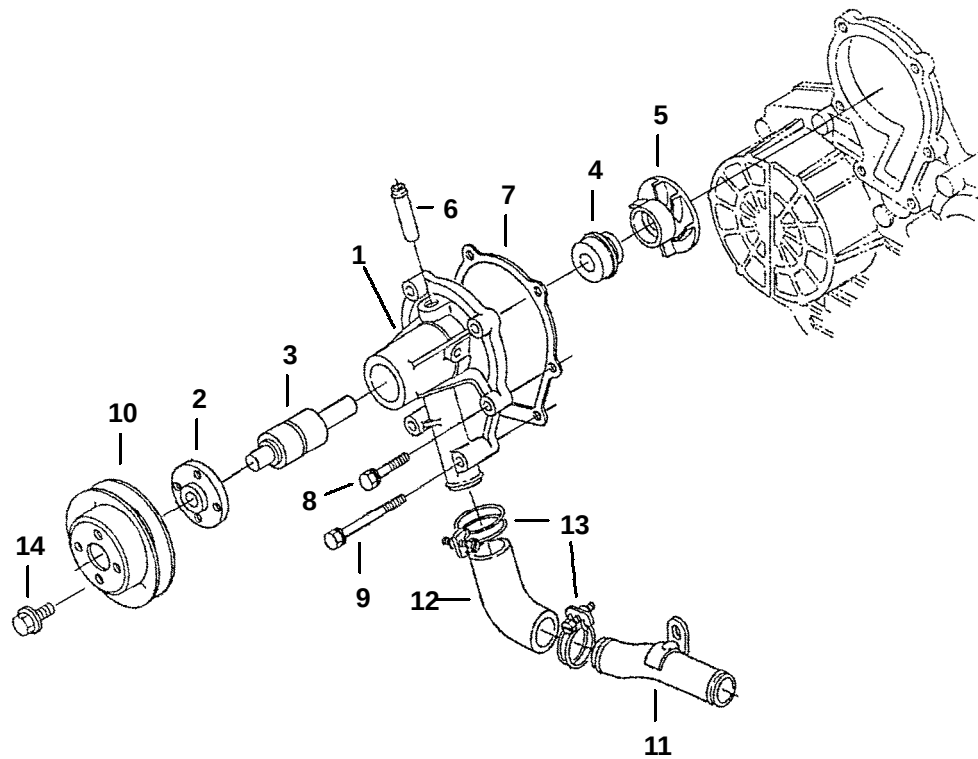


B-15041

WATER FLANGE & THERMOSTAT (Cont'd)

[illegible]

WATER PUMP

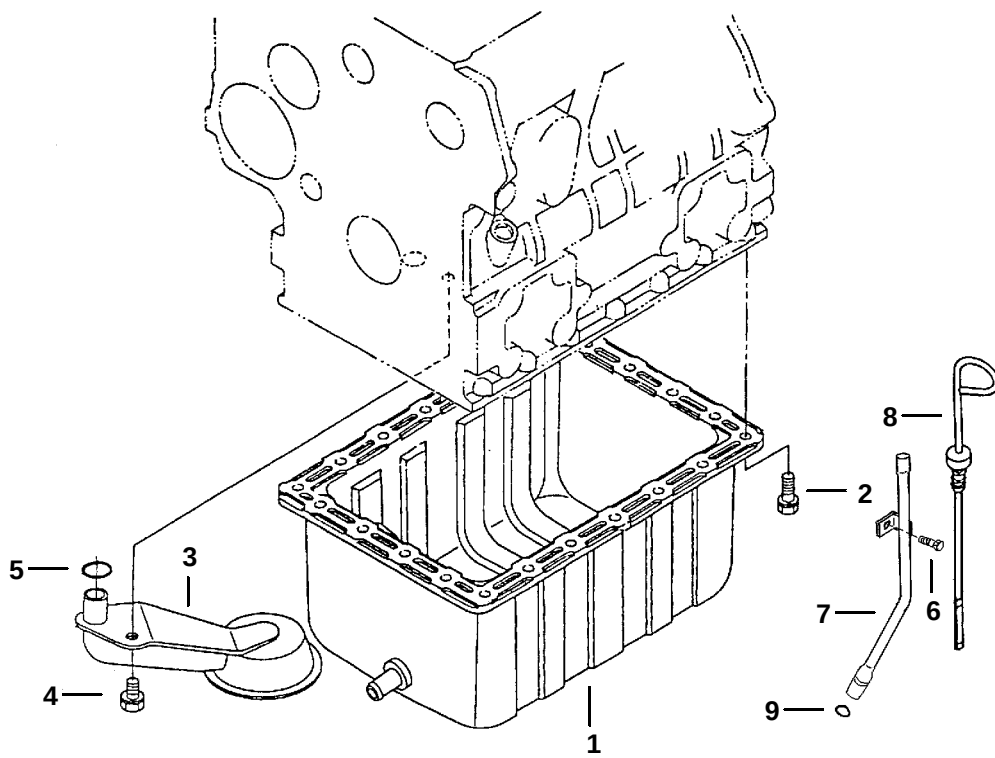


B-15042

WATER PUMP (Cont'd)

[illegible]

OIL PAN

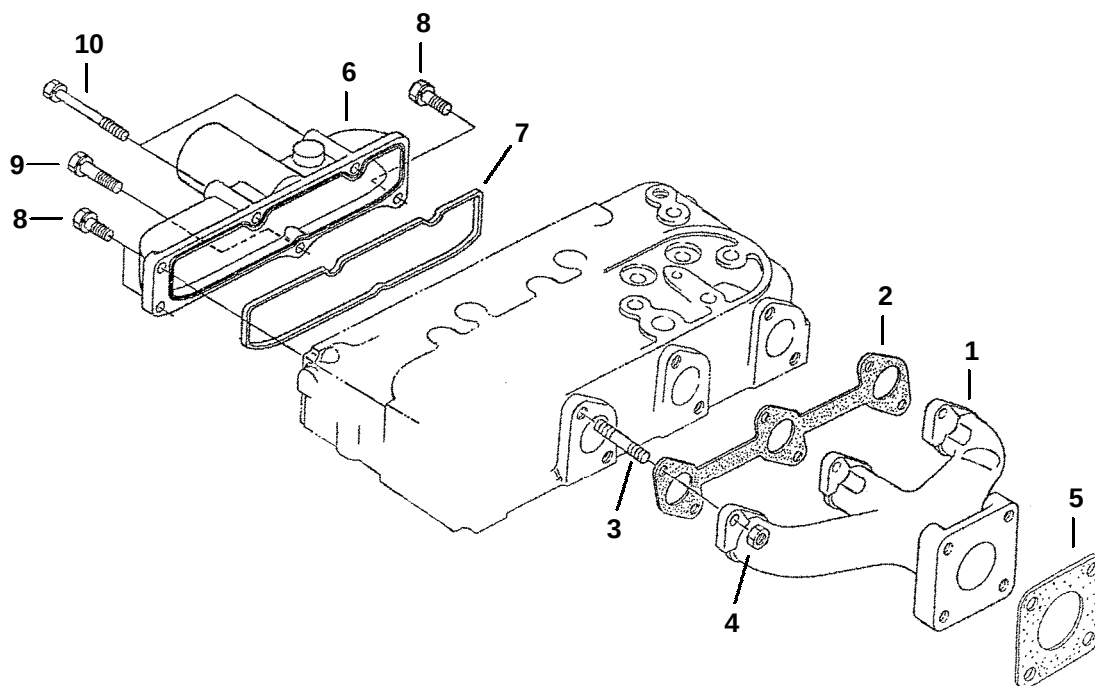


B-17092

OIL PAN (Cont'd)

[illegible]

INTAKE & EXHAUST MANIFOLDS

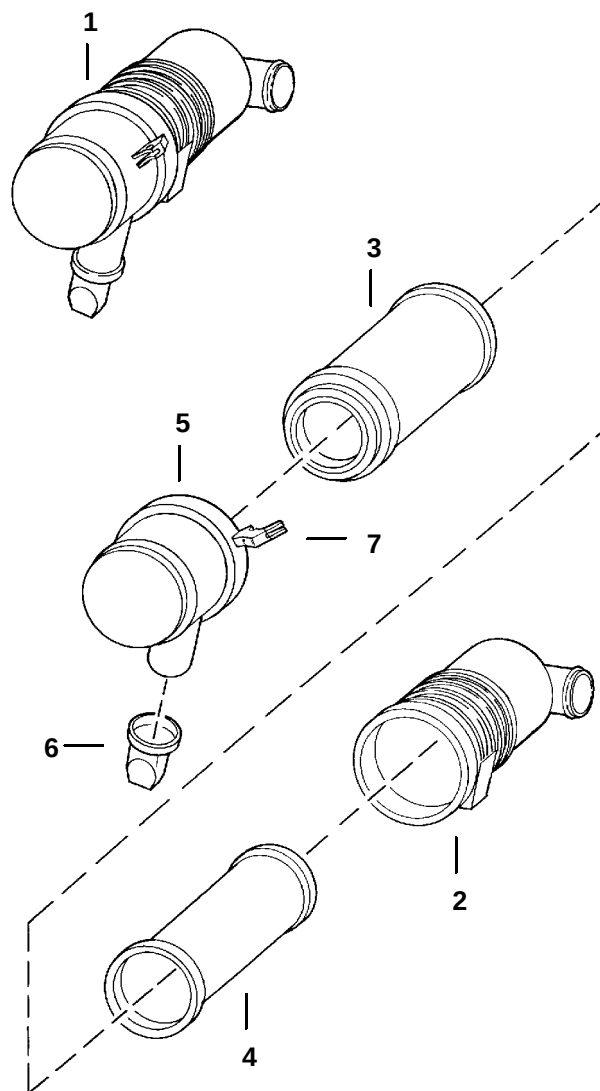


B-15044

INTAKE & EXHAUST MANIFOLDS (Cont'd)

[illegible]

AIR CLEANER



C-3490