PARTS LIST

Universal

MARINE DIESEL ENGINE

M-25XPB

M-35B

M-40B

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Universal
MARINE POWER

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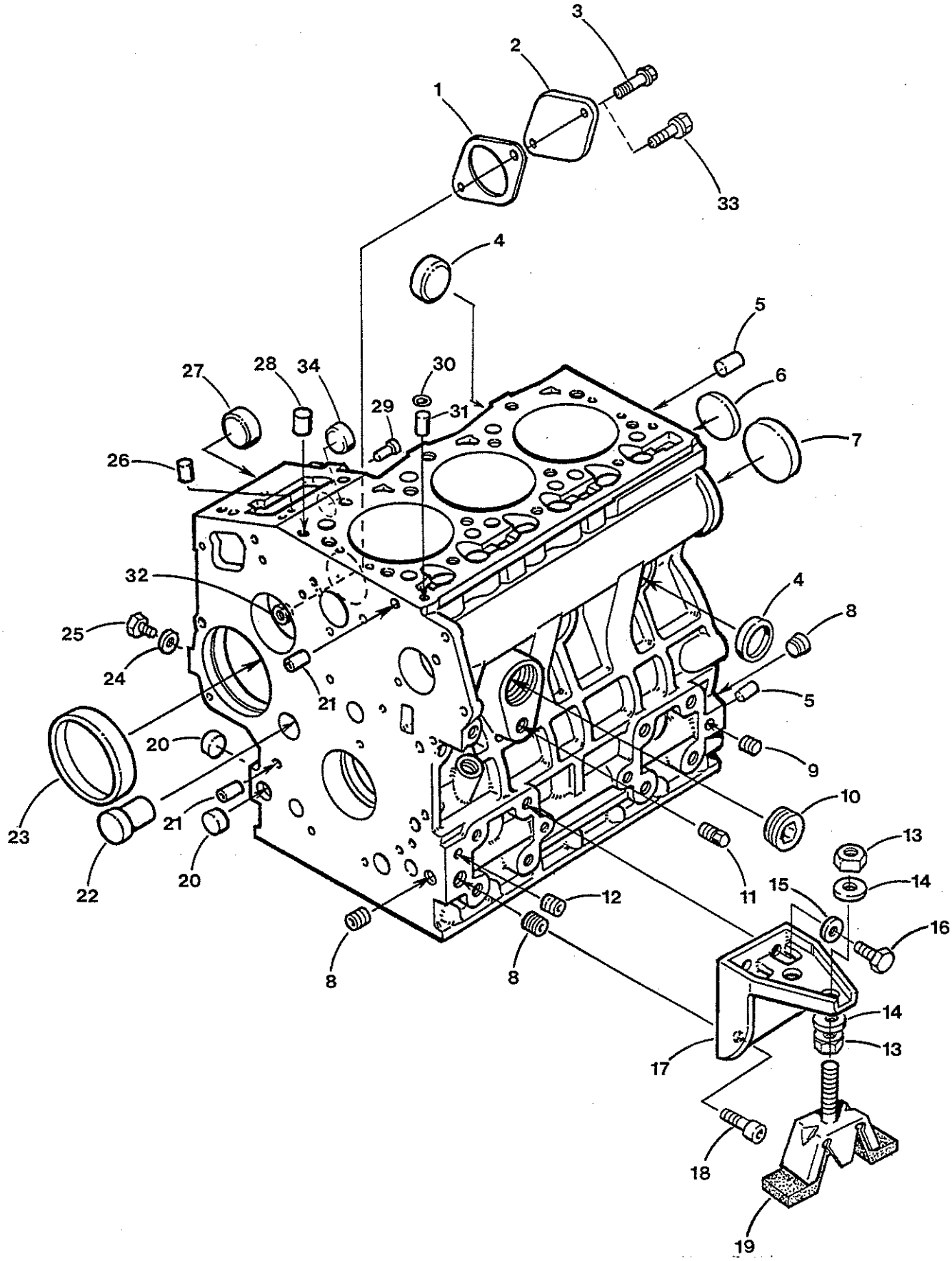
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UNIVERSAL DIESEL ENGINES - B SERIES

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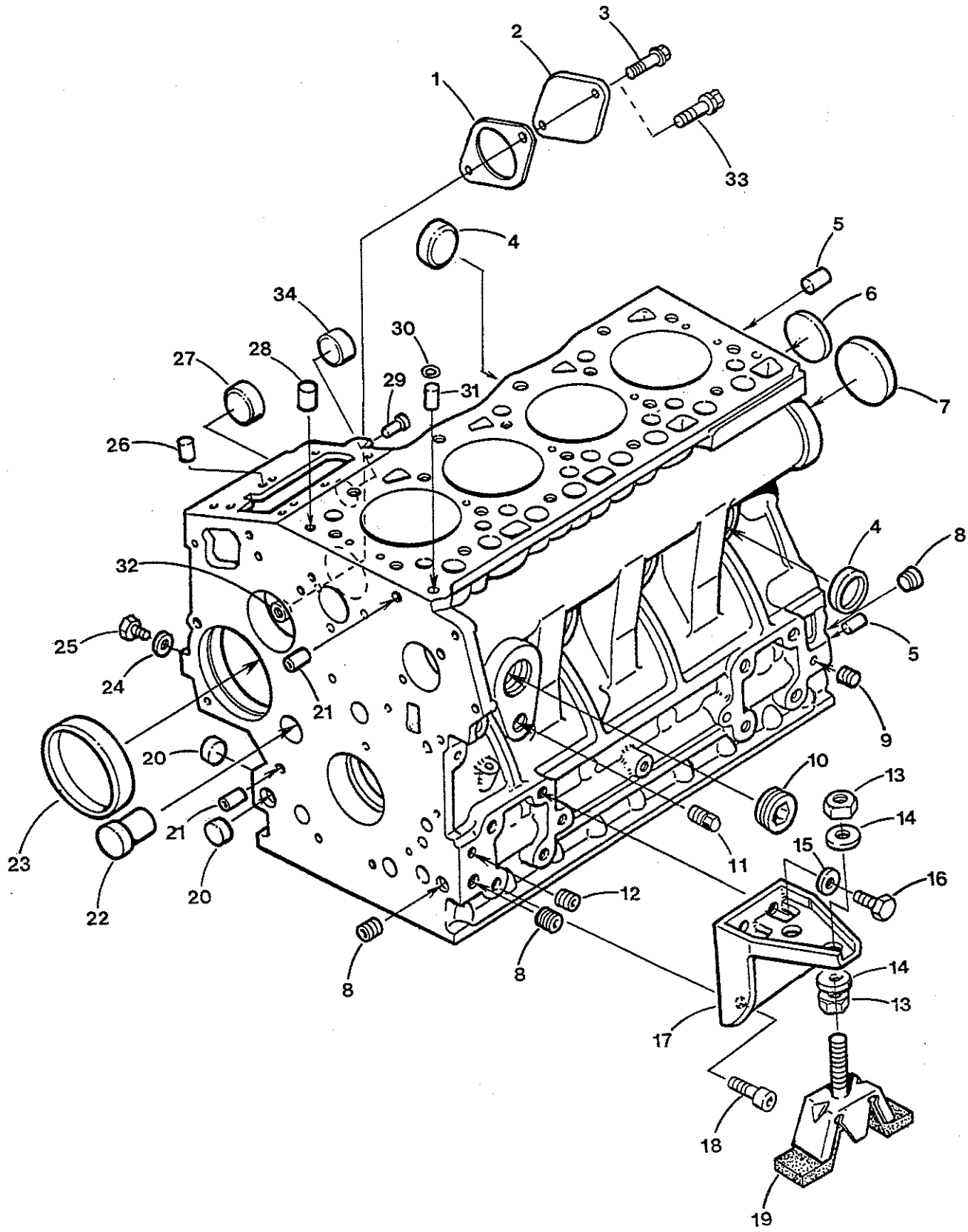
CYLINDER BLOCK ASSEMBLY - M-25XPB



CYLINDER BLOCK ASSEMBLY - M-25XPB

Reference #	Part #	Part Name	Remarks	Quantity
1	200916	GASKET	PUMP COVER	1
2	200905	COVER	PUMP	1
3-1	017196	CAPSCREW	M 8 X 20 DIN 933	1
3-2	031786	LOCKWASHER	M 8 DIN 127	1
4	301201	PLUG	EXPANSION	4
5	299360	DOWEL		2
6	299355	PLUG	EXPANSION	1
7	200896	PLUG	EXPANSION	1
8	200835	PLUG		3
9	302589	PLUG		3
10	200956	PLUG		1
11	013341	PLUG	1/4 NPT HEX HEAD (BRASS)	1
12	302587	PLUG		2
13	040966	NUT	JAM M 16, SELF-LOCKING	2
14	031828	WASHER	FLAT, 5/8 SAE (STEEL)	2
15	019262	LOCKWASHER	M 10 DIN 127	4
16	024951	CAPSCREW	M 10 X 1.25 X 20 DIN 961	4
17	200435	MOUNT	FRONT	2
18	200442	CAPSCREW	M 10 X 1.25 X 20 DIN 7991	4
19	040510	ISOLATOR	MARINE 75-130 LB.	2
20	200978	PLUG	EXPANSION	3
21	300716	DOWEL	TUBULAR	2
22	200906	PLUG		1
23	200885	BUSHING	GOVERNOR GEAR	1
24	298659	GASKET		1
25	298658	PLUG		1
26	301543	DOWEL		2
27	200837	PLUG		1
28	200636	DOWEL		2
29	200854	PIN	START SPRING	1
30	299362	O-RING		1
31	200797	DOWEL	TUBULAR	1
32	301297	NUT	M 8 SELF-LOCKING	1
33	301729	CAPSCREW	M 8 X 32 JIS 7 W/LW	1
34	200641	PLUG	EXPANSION	1
35	200456	BLOCK	ASSEMBLY INCL. HEAD - M-25XPB	1

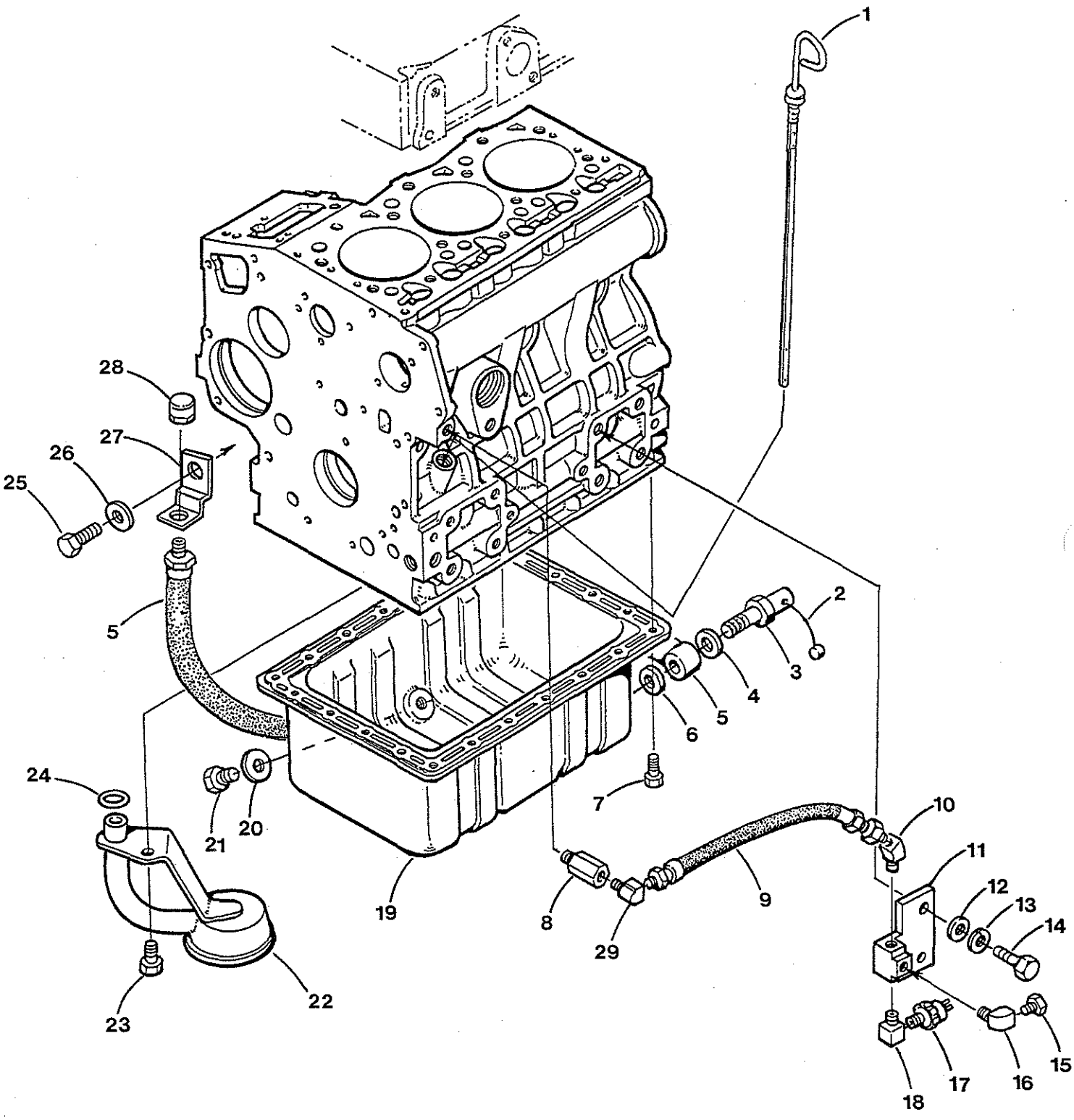
CYLINDER BLOCK ASSEMBLY - M-35B / M-40B



CYLINDER BLOCK ASSEMBLY - M-35B / M-40B

Reference #	Part #	Part Name	Remarks	Quantity
1	200916	GASKET	PUMP COVER	1
2	200905	COVER	PUMP	1
3-1	017196	CAPSCREW	M 8 X 20 DIN 933	2
3-2	031786	LOCKWASHER	M 8 DIN 127	2
4	301201	PLUG	EXPANSION	6
5	200725	DOWEL		2
6	299355	PLUG	EXPANSION	1
7	200896	PLUG	EXPANSION	1
8	200835	PLUG		3
9	302589	PLUG		4
10	200956	PLUG		1
11	013341	PLUG	1/4 NPT HEX HEAD (BRASS)	1
12	302587	PLUG		2
13	040966	NUT	JAM M 16, SELF-LOCKING	2
14	031828	WASHER	FLAT, 5/8 SAE (STEEL)	2
15	019262	LOCKWASHER	M 10 DIN 127	4
16	024951	CAPSCREW	M 10 X 1.25 X 20 DIN 961	4
17	200435	MOUNT	FRONT	2
18	200442	CAPSCREW	M 10 X 1.25 X 20 DIN 7991	4
19	040510	ISOLATOR	MARINE 75-130 LB.	2
20	200978	PLUG	EXPANSION	3
21	300716	DOWEL	TUBULAR	2
22	200906	PLUG		1
23	200885	BUSHING	GOVERNOR GEAR	1
24	298659	GASKET		1
25	298658	PLUG		1
26	200729	DOWEL		2
27	200837	PLUG		1
28	200724	DOWEL		2
29	200722	PIN	START SPRING	1
30	299362	O-RING		1
31	200797	DOWEL	TUBULAR	1
32	301297	NUT	M 8 SELF-LOCKING	1
33	301729	CAPSCREW	M 8 X 32 JIS 7 W/LW	1
34	200641	PLUG	EXPANSION	1
35-1	200457	BLOCK	ASSEMBLY INCL. HEAD - M-35B	1
35-2	201028	BLOCK	ASSEMBLY INCL .HEAD - M-40B	1

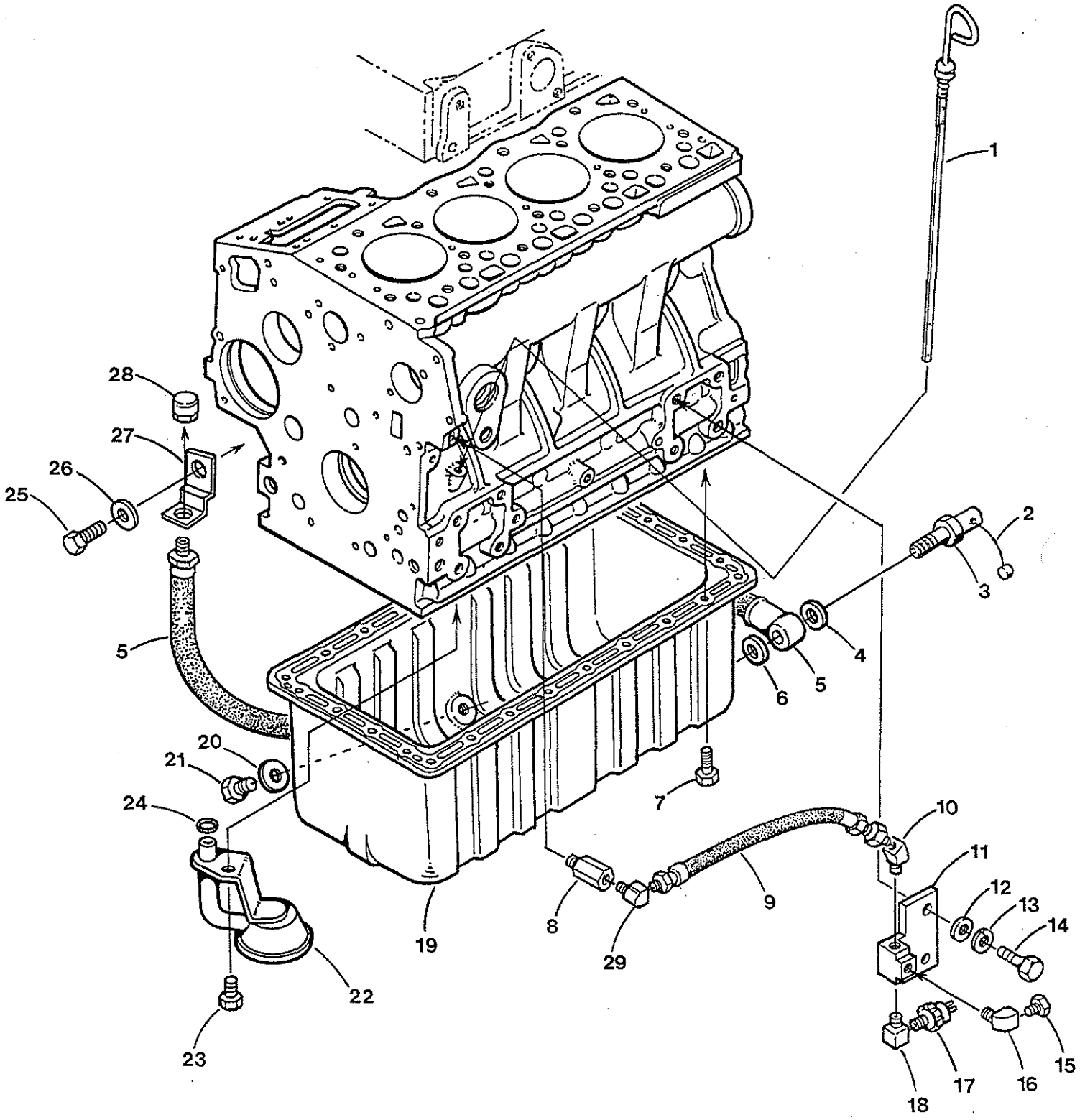
OIL PAN ASSEMBLY, OIL PRESSURE SWITCH - M-25XPB



OIL PAN ASSEMBLY, OIL PRESSURE SWITCH - M-25XPB

Reference #	Part #	Part Name	Remarks	Quantity
1	200901	DIPSTICK		1
2	037393	SEAL	LEAD WIRE	1
3	036823	BOLT	BANJO-SUMP M 12 X 1.25	1
4	036493	WASHER		1
5	030848	HOSE	SUMP DRAIN 24 INCH	1
6	036647	WASHER		1
7	035785	CAPSCREW	M 6 X 12 JIS 6 W/LW	22
8	024844	ADAPTER	1/8 BSPT TO 1/8 NPT	1
9	039385	HOSE	OIL	1
10	015122	ELBOW	1/8NPT TO 45 DEG STREET (STEEL)	1
11	032480	BRACKET	OIL PRESSURE SENDER	1
12	031789	WASHER	M 10 DIN 125	1
13	019262	LOCKWASHER	M 10 DIN 127	2
14	024951	CAPSCREW	M 10 X 1.25 X 20 DIN 961	2
15	019369	PLUG	HEX HEAD, 1/8 NPT (BRASS)	1
16	015122	ELBOW	1/8NPT TO 45 DEG STREET (STEEL)	1
17	037323	SWITCH	OIL PRESSURE, NO. 5	1
18	013340	ELBOW	1/8 NPT 90 DEG STREET (BRASS)	1
19	201003	SUMP	OIL	1
20	299371	GASKET	DRAIN PLUG	1
21	298660	PLUG	DRAIN	1
22	201041	STRAINER	OIL PICK-UP	1
23-1	016789	CAPSCREW	M 8 X 16 DIN 933	1
23-2	031786	LOCKWASHER	M 8 DIN 127	1
24	299967	O-RING		1
25-1	035789	CAPSCREW	M 6 X 45 JIS 6 W/LW	1
25-2	013629	CAPSCREW	M 10 X 25 DIN 933 - V-DRIVE OPTION	1
26	031753	WASHER	FLAT, 1/4" SAE (STEEL)	1
27	024922	BRACKET	SUMP DRAIN HOSE	1
28	024905	CAP	1/4 NPT (BRASS)	1
29	013340	ELBOW	1/8 NPT 90 DEG STREET (BRASS)	1

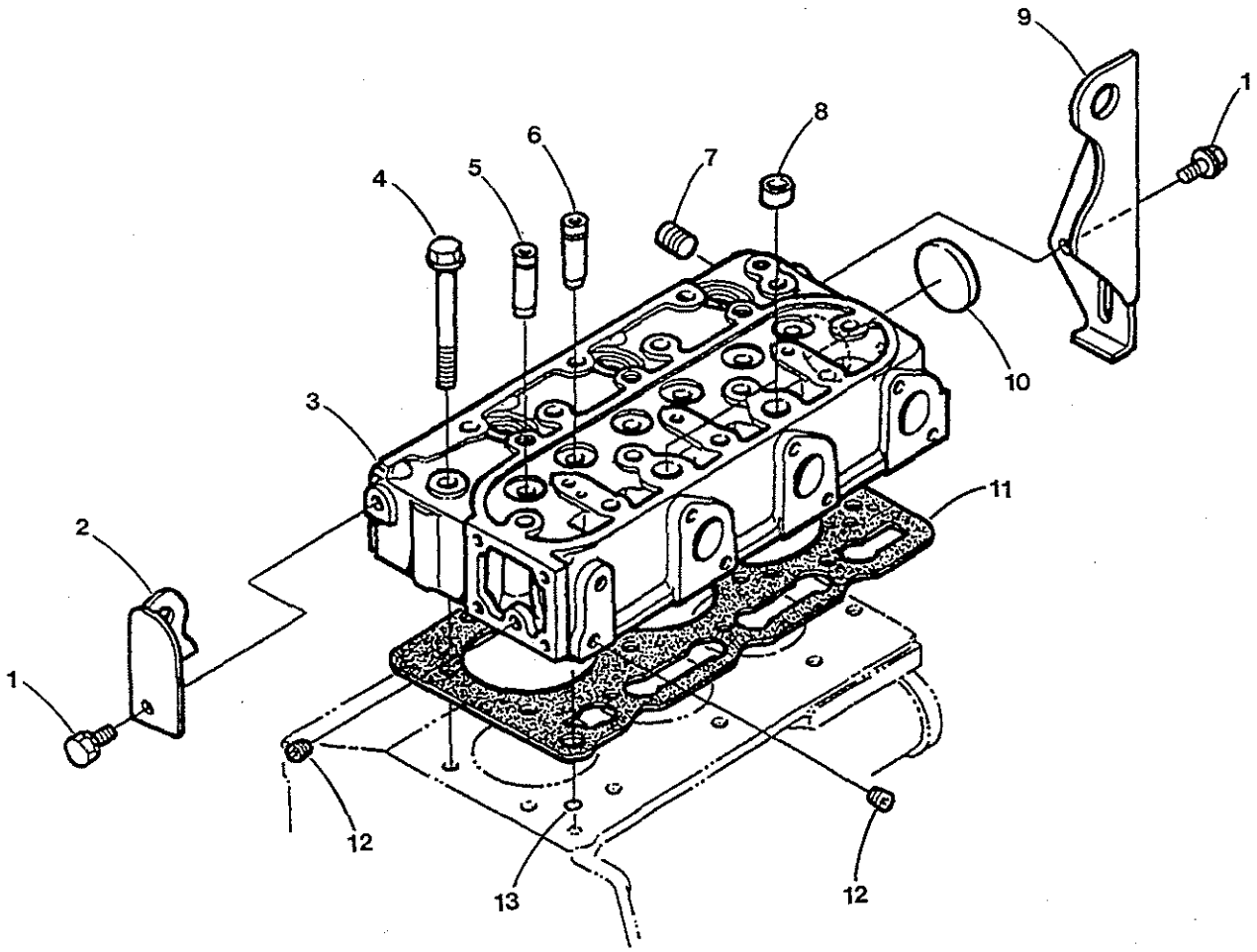
OIL PAN ASSEMBLY, OIL PRESSURE SWITCH - M-35B / M-40B



OIL PAN ASSEMBLY, OIL PRESSURE SWITCH - M-35B / M-40B

Reference #	Part #	Part Name	Remarks	Quantity
1	200728	DIPSTICK		1
2	037393	SEAL	LEAD WIRE	1
3	036823	BOLT	BANJO-SUMP M 12 X 1.25	1
4	036493	WASHER	1.00 OD X 0.708 ID	1
5	030848	HOSE	SUMP DRAIN 24 INCH	1
6	036647	WASHER	1.00 OD X 0.473 ID	1
7	035785	CAPSCREW	M 6 X 12 JIS 6 W/LW	26
8	024844	ADAPTER	1/8 BSPT TO 1/8 NPT	1
9	039385	HOSE	OIL	1
10	015122	ELBOW	1/8NPT TO 45 DEG STREET (STEEL)	1
11	032480	BRACKET	OIL PRESSURE SENDER	1
12	031789	WASHER	M 10 DIN 125	2
13	019262	LOCKWASHER	M 10 DIN 127	2
14	024951	CAPSCREW	M 10 X 1.25 X 20 DIN 961	2
15	019369	PLUG	HEX HEAD, 1/8 NPT (BRASS)	1
16	015122	ELBOW	1/8NPT TO 45 DEG STREET (STEEL)	1
17	037323	SWITCH	OIL PRESSURE, NO. 5	1
18	013340	ELBOW	1/8 NPT 90 DEG STREET (BRASS)	1
19	201004	SUMP	OIL	1
20	201008	GASKET	SUMP	1
21	298660	PLUG	DRAIN	1
22	200900	STRAINER	OIL PICK-UP	1
23-1	016789	CAPSCREW	M 8 X 16 DIN 933	1
23-2	031786	LOCKWASHER	M 8 DIN 127	1
24	200632	O-RING		1
25-1	035789	CAPSCREW	M 6 X 45 JIS 6 W/LW	1
25-2	013629	CAPSCREW	M 10 X 25 DIN 933 - V-DRIVE OPTION	1
26	031753	WASHER	FLAT, 1/4" SAE (STEEL)	1
27	024922	BRACKET	SUMP DRAIN HOSE	1
28	024905	CAP	1/4 NPT (BRASS)	1
29	013340	ELBOW	1/8 NPT 90 DEG STREET (BRASS)	1

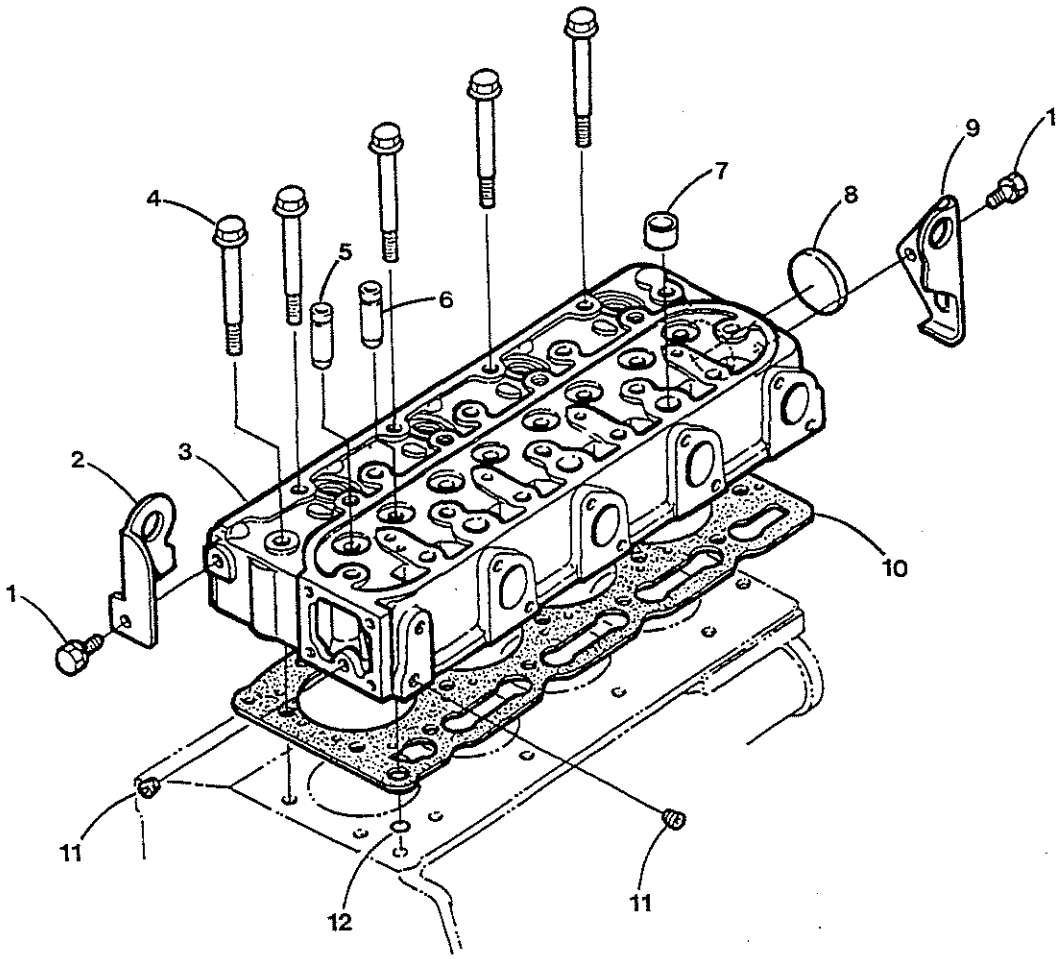
CYLINDER HEAD ASSEMBLY - M-25XPB



CYLINDER HEAD ASSEMBLY - M-25XPB

Reference #	Part #	Part Name	Remarks	Quantity
1-1	016789	CAPSCREW	M 8 X 16 DIN 933	2
1-2	031786	LOCKWASHER	M 8 DIN 127	2
2	301549	EYE	LIFTING	1
3	200697	HEAD	CYLINDER	1
4	200735	BOLT	CYLINDER HEAD	14
5	200753	GUIDE	INTAKE VALVE	3
6	200754	GUIDE	EXHAUST VALVE	3
7	301550	PLUG		1
8	302690	PLUG	EXPANSION	2
9	200734	EYE	LIFTING	1
10	299906	PLUG	EXPANSION 30MM DIN 443 BRASS	1
11	200731	GASKET	CYLINDER HEAD	1
12	302593	PLUG		2
13	299362	O-RING		1

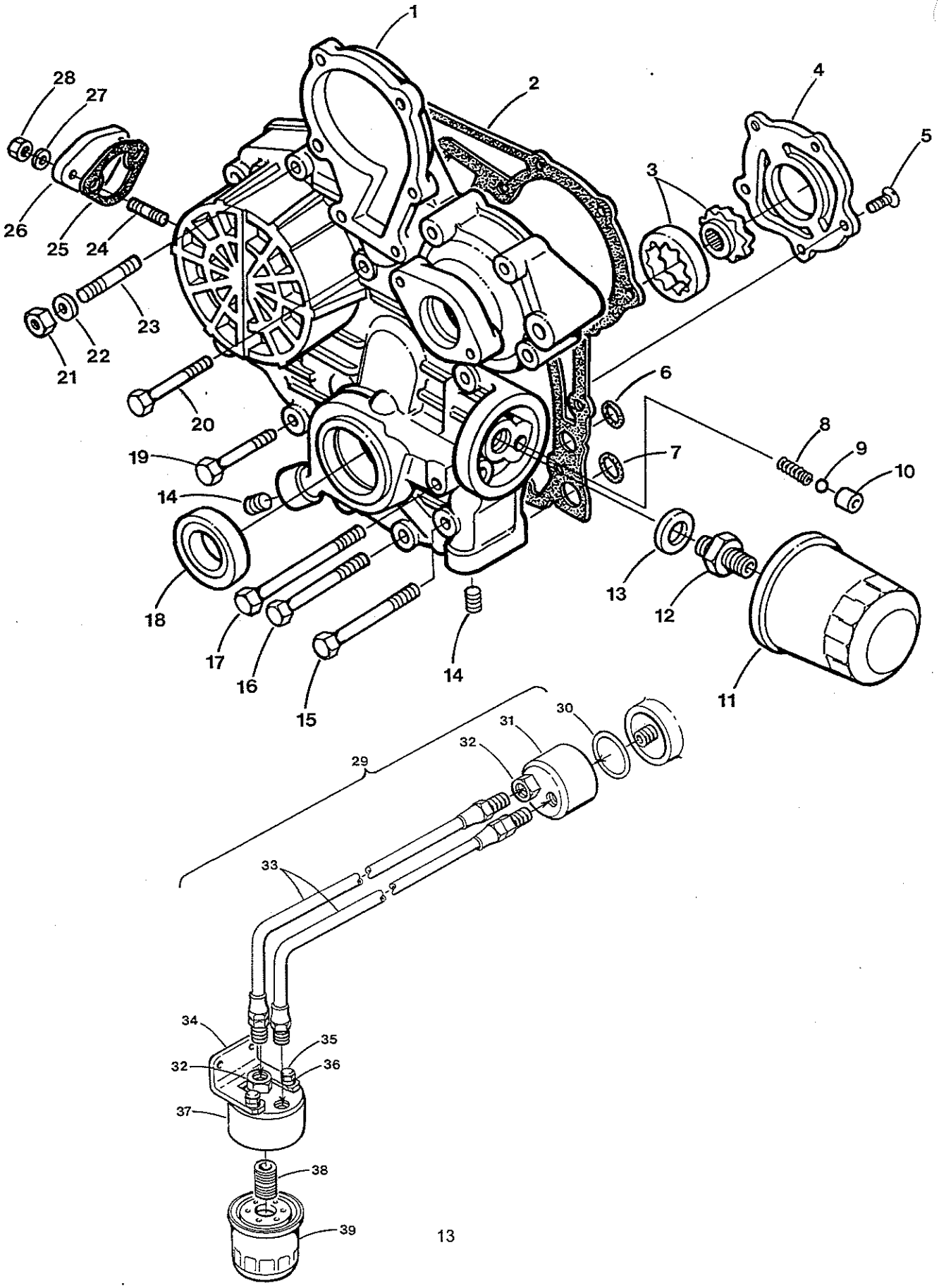
CYLINDER HEAD ASSEMBLY - M-35B / M-40B



CYLINDER HEAD ASSEMBLY - M-35B / M-40B

Reference #	Part #	Part Name	Remarks	Quantity
1-1	016789	CAPSCREW	M 8 X 16 DIN 933 W/LW	2
1-2	031786	LOCKWASHER	M 8 DIN 127	2
2	200733	EYE	LIFTING	1
3-1	200709	HEAD	CYLINDER - M-35B	1
3-2	200712	HEAD	CYLINDER - M-40B	1
4	200735	BOLT	CYLINDER HEAD	18
5	200753	GUIDE	INTAKE VALVE	4
6	200754	GUIDE	EXHAUST VALVE	4
7	302690	PLUG	EXPANSION	3
8	299906	PLUG	EXPANSION 30MM DIN 443 BRASS	1
9	200734	EYE	LIFTING	1
10-1	200867	GASKET	CYLINDER HEAD - M-35B	1
10-2	200910	GASKET	CYLINDER HEAD - M-40B	1
11	302593	PLUG		2
12	299362	O-RING		1

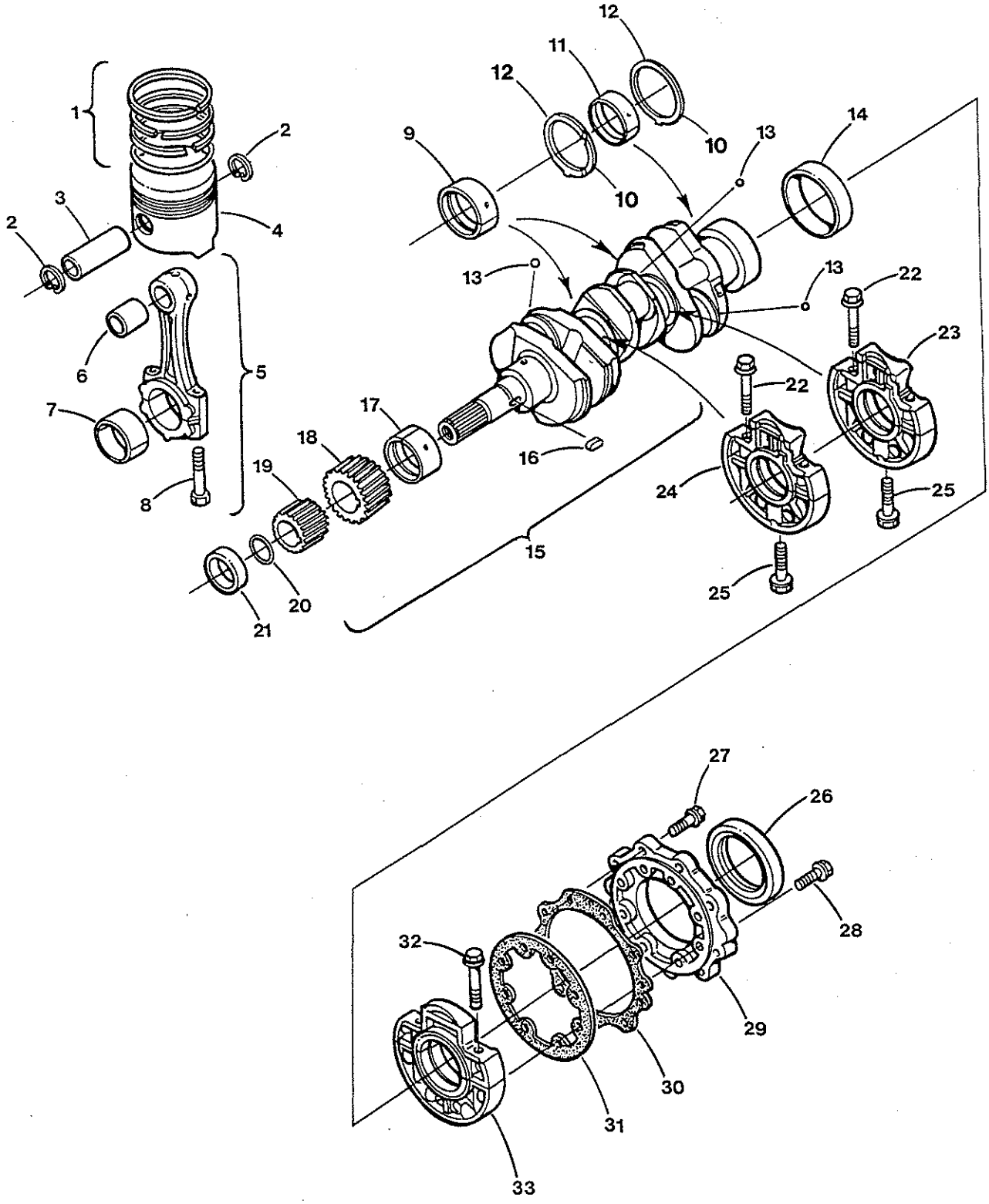
GEAR CASE ASSEMBLY - M-25XPB / M-35B / M-40B



GEAR CASE ASSEMBLY - M-25XPB / M-35B / M-40B

Reference #	Part #	Part Name	Remarks	Quantity
1	200868	ASSEMBLY	GEAR CASE	1
2	200858	GASKET	GEAR CASE	1
3	200798	PUMP	OIL	1
4	200799	COVER	OIL PUMP	1
5	200832	SCREW	OIL PUMP COVER	5
6-1	298738	O-RING	M-25XPB	2
6-2	200633	O-RING	M-35B / M-40B	2
7-1	299559	O-RING	M-25XPB	2
7-2	200631	O-RING	M-35B / M-40B	2
8	200802	SPRING	OIL RELIEF VALVE	1
9	200642	BALL		1
10	200801	CAP	OIL RELIEF VALVE	1
11	300209	FILTER	OIL	1
12	301490	ADAPTER	OIL FILTER	1
13	032175	WASHER	FLAT M 18	1
14	200836	PLUG		2
15-1	030146	CAPSCREW	M 6 X 55 DIN 931	2
15-2	031783	LOCKWASHER	M 6 DIN 127	2
16-1	300330	CAPSCREW	M 6 X 50 DIN 931	6
16-2	031783	LOCKWASHER	M 6 DIN 127	6
17	200830	BOLT	TIMING CASE	1
18	200737	SEAL	OIL	1
19	200689	BOLT	TIMING CASE	1
20	035789	CAPSCREW	M 6 X 45 JIS 6 W/LW	3
21	015812	NUT	M 6 DIN 934	1
22	031783	LOCKWASHER	M 6 DIN 127	1
23-1	200624	STUD	TIMING CASE - M-25XPB	1
23-2	200838	STUD	TIMING CASE - M-35B / M-40B	1
24-1	301507	STUD	TIMING CASE - M-25XPB	2
24-2	200839	STUD	TIMING CASE- M-35B / M-40B	2
25	200861	GASKET	FUEL PUMP	1
26	302744	COVER	FUEL PUMP	1
27	031783	LOCKWASHER	M 6 DIN 127	2
28	015812	NUT	M 6 DIN 934	2
29	040078	FILTER KIT	REMOTE LUBE OIL - INCLUDES REF #'S 30 - 39	1
30	302842	O-RING		1
31	040075	ADAPTER	REMOTE OIL FILTER	1
32	013348	CONNECTOR	HOSE	2
33	011925	HOSE	OIL 40-1/4 LG	2
34	040074	BRACKET	REMOTE OIL FILTER	1
35	031503	CAPSCREW	1/4 NC x 3/4	2
36	031752	LOCKWASHER	SPLIT 1/4 MED (STEEL)	2
37	040073	ADAPTER	REMOTE OIL FILTER	1
38	034663	NIPPLE	OIL FILTER TO ADAPTER	1
39	036918	FILTER	LUBE OIL	1

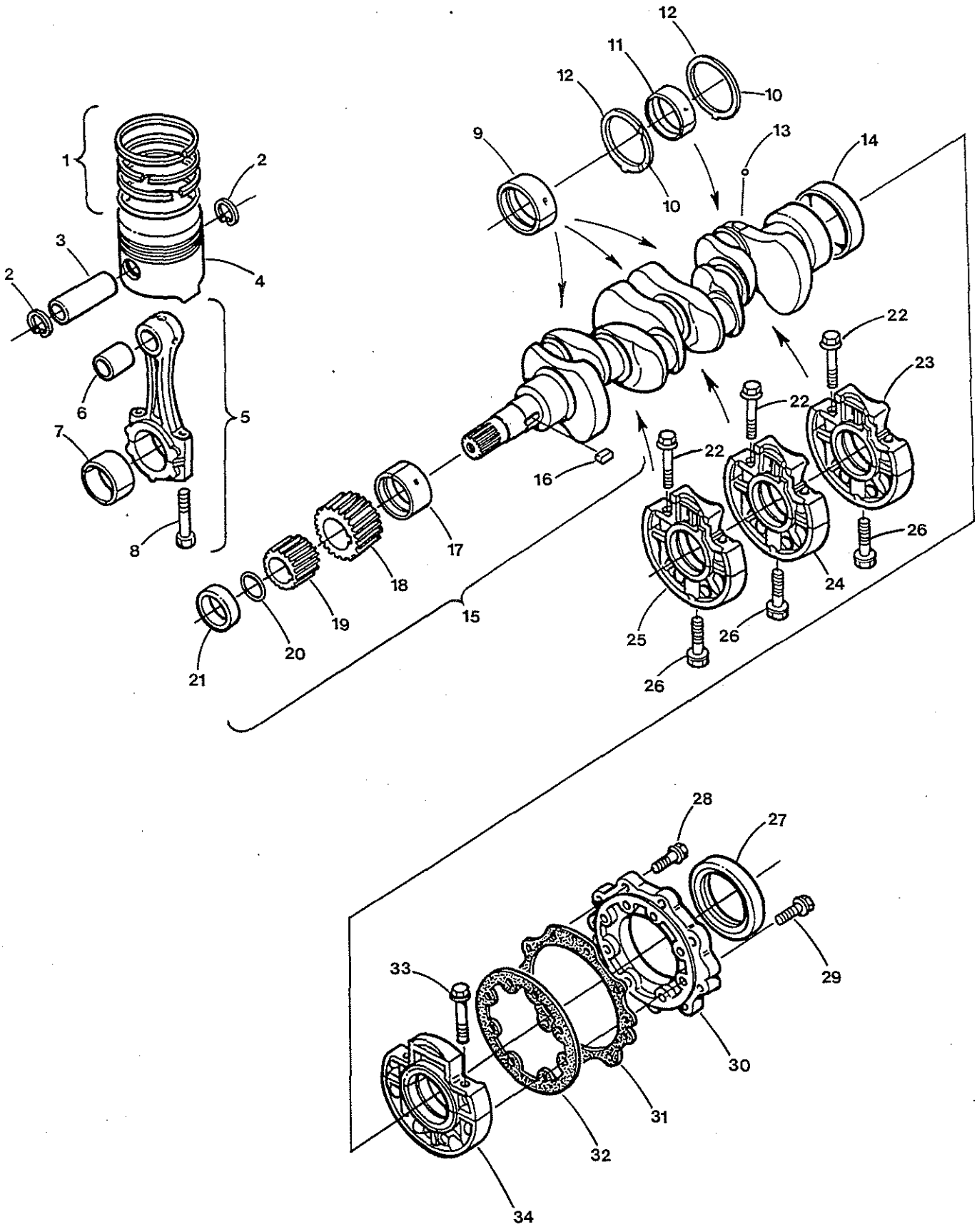
PISTONS, CRANKSHAFT AND MAIN BEARINGS - M-25XPB



PISTONS, CRANKSHAFT AND MAIN BEARINGS - M-25XPB

Reference #	Part #	Part Name	Remarks	Quantity
1-1	200875	RING SET	STD	3
1-2	200876	RING SET	0.5 MM	3
2	200772	RING	RETAINING	6
3	200771	PIN	PISTON	3
4-1	200710	PISTON	STD	3
4-2	200711	PISTON	0.5 MM	3
5	200774	ROD	CONNECTING ASSEMBLY	3
6	200773	BUSHING	CONNECTING ROD	3
7-1	200776	BEARING SET	CONNECTING ROD, STD	3
7-2	200777	BEARING SET	CONNECTING ROD, 0.2MM	3
7-3	200778	BEARING SET	CONNECTING ROD, 0.4MM	3
8	200775	BOLT	CONNECTING ROD	6
9-1	200783	BEARING SET	MAIN STD	2
9-2	200789	BEARING SET	MAIN 0.2MM	2
9-3	200790	BEARING SET	MAIN 0.4MM	2
10-1	301780	THRUSTWASHER	STD	2
10-2	302613	THRUSTWASHER	0.2MM	2
10-3	302542	THRUSTWASHER	0.4MM	2
11-1	200784	BEARING SET	MAIN STD	1
11-2	200785	BEARING SET	MAIN 0.2MM	1
11-3	200786	BEARING SET	MAIN 0.4MM	1
12-1	302612	THRUSTWASHER	STD	2
12-2	200676	THRUSTWASHER	0.2MM	2
12-3	200677	THRUSTWASHER	0.4MM	2
13	302470	BALL	1/4	3
14	200781	BUSHING	CRANKSHAFT	1
15-1	200732	CRANKSHAFT	ASSEMBLY - INCLUDES REF #'S 13, 14, 16 - 19	1
16	200895	KEY	WOODRUFF	1
17-1	200782	BEARING SET	MAIN STD	1
17-2	200787	BEARING SET	MAIN 0.2MM	1
17-3	200788	BEARING SET	MAIN 0.4MM	1
18	200791	GEAR	CRANKSHAFT	1
19	200800	GEAR	OIL PUMP	1
20	200628	O-RING		1
21	200780	COLLAR	CRANKSHAFT	1
22	200739	BOLT	BEARING CASE	4
23	200870	CASE	ASSEMBLY, MAIN BEARING	1
24	200869	CASE	ASSEMBLY, MAIN BEARING	1
25	200740	BOLT	BEARING CASE	2
26	200738	SEAL	OIL	1
27-1	018804	CAPSCREW	M 6 X 20 DIN 933	9
27-2	031783	LOCKWASHER	M 6 DIN 127	9
28-1	020628	CAPSCREW	M 6 X 25 DIN 933	8
28-2	031783	LOCKWASHER	M 6 DIN 127	8
29	200742	COVER	BEARING CASE	1
30	200860	GASKET	BEARING COVER	1
31	200859	GASKET	BEARING CASE	1
32	200739	BOLT	BEARING CASE	2
33	200736	CASE	ASSEMBLY, MAIN BEARING	1

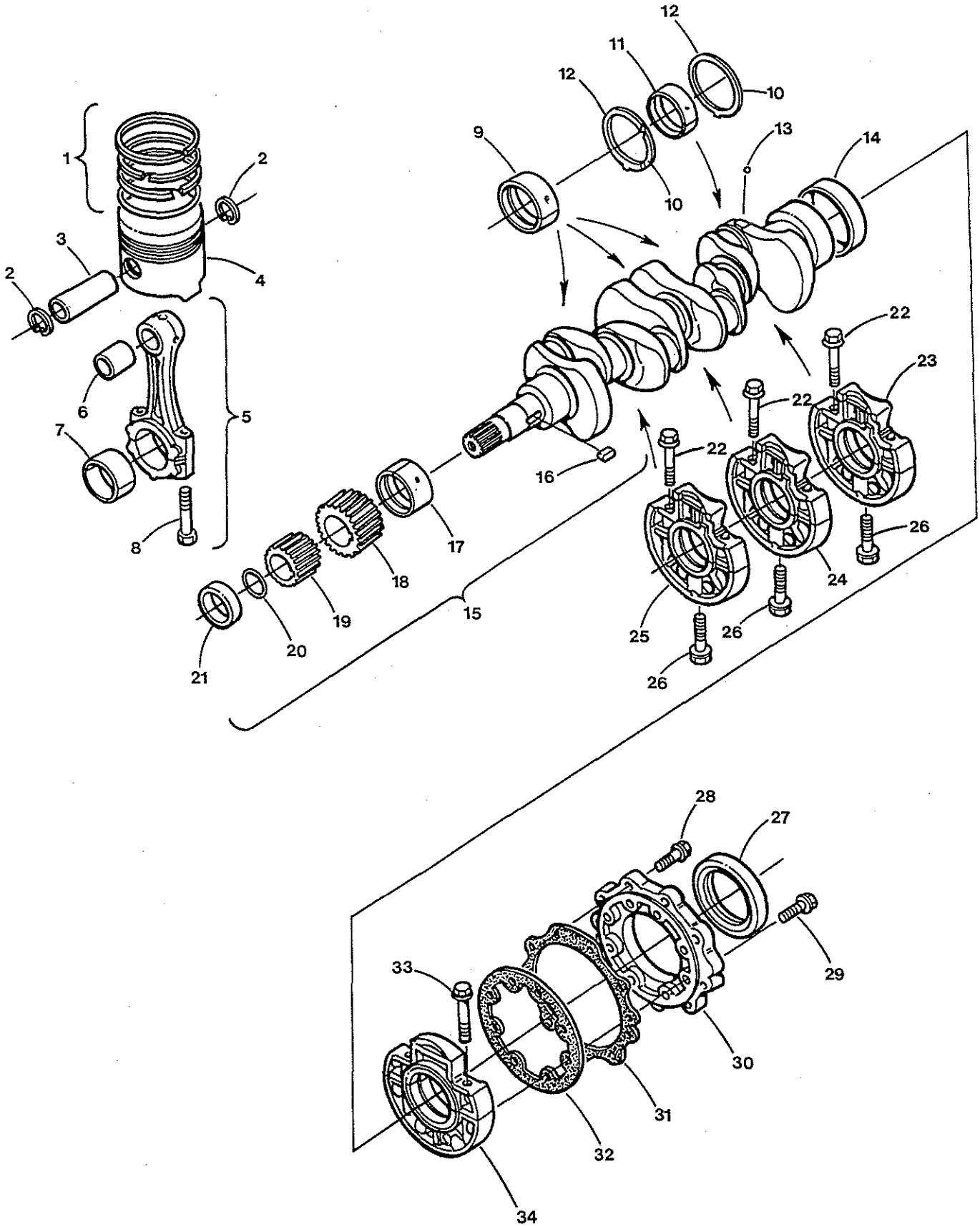
PISTONS, CRANKSHAFT AND MAIN BEARINGS - M-35B / M-40B



PISTONS, CRANKSHAFT AND MAIN BEARINGS - M-35B / M-40B

Reference #	Part #	Part Name	Remarks	Quantity
1-1	200875	RING SET	STD - M-35B	4
1-2	200851	RING SET	STD - M-40B	4
1-3	200876	RING SET	0.5 MM - M-35B	4
1-4	200852	RING SET	0.5 MM - M-40B	4
2	200772	RING	RETAINING	8
3	200771	PIN	PISTON	4
4-1	200710	PISTON	STD - M-35B	4
4-2	200713	PISTON	STD - M-40B	4
4-3	200711	PISTON	0.5 MM - M-35B	4
4-4	200714	PISTON	0.5 MM - M-40B	4
5	200774	ROD	CONNECTING ASSEMBLY	4
6	200773	BUSHING	CONNECTING ROD	4
7-1	200776	BEARING SET	CONNECTING ROD, STD	4
7-2	200777	BEARING SET	CONNECTING ROD, 0.2MM	4
7-3	200778	BEARING SET	CONNECTING ROD, 0.4MM	4
8	200775	BOLT	CONNECTING ROD	8
9-1	200783	BEARING SET	MAIN STD	3
9-2	200789	BEARING SET	MAIN 0.2MM	3
9-3	200790	BEARING SET	MAIN 0.4MM	3
10-1	301780	THRUSTWASHER	STD	2
10-2	302613	THRUSTWASHER	0.2MM	2
10-3	302542	THRUSTWASHER	0.4MM	2
11-1	200911	BEARING SET	MAIN STD	1
11-2	200785	BEARING SET	MAIN 0.2MM	1
11-3	200786	BEARING SET	MAIN 0.4MM	1
12-1	302612	THRUSTWASHER	STD	2
12-2	200676	THRUSTWASHER	0.2MM	2
12-3	200677	THRUSTWASHER	0.4MM	2
13	302470	BALL	1/4	4
14	200781	BUSHING	CRANKSHAFT	1
15-1	200779	CRANKSHAFT	ASSEMBLY- M-35B INCL. REF #'S 13,14,16-19	1
15-2	200899	CRANKSHAFT	ASSEMBLY- M-40B INCL. REF #'S 13,14,16-19	1
16	200895	KEY	WOODRUFF	1
17-1	200782	BEARING SET	MAIN STD	1
17-2	200787	BEARING SET	MAIN 0.2MM	1
17-3	200788	BEARING SET	MAIN 0.4MM	1
18	200791	GEAR	CRANKSHAFT	1
19	200800	GEAR	OIL PUMP	1
20	200634	O-RING		1
21	200780	COLLAR	CRANKSHAFT	1
22	200739	BOLT	BEARING CASE	6
23-1	200871	CASE	ASSEMBLY, MAIN BEARING - M-35B	1
23-2	200898	CASE	ASSEMBLY, MAIN BEARING - M-40B	1
24-1	200870	CASE	ASSEMBLY, MAIN BEARING - M-35B	1
24-2	200842	CASE	ASSEMBLY, MAIN BEARING - M-40B	1
25-1	200869	CASE	ASSEMBLY, MAIN BEARING - M-35B	1
25-2	200841	CASE	ASSEMBLY, MAIN BEARING - M-40B	1
26	200740	BOLT	BEARING CASE	3
27	200738	SEAL	OIL	1
28-1	018804	CAPSCREW	M 6 X 20 DIN 933	9
28-2	031783	LOCKWASHER	M 6 DIN 127	9
29-1	020628	CAPSCREW	M 6 X 25 DIN 933	8
29-2	031783	LOCKWASHER	M 6 DIN 127	8

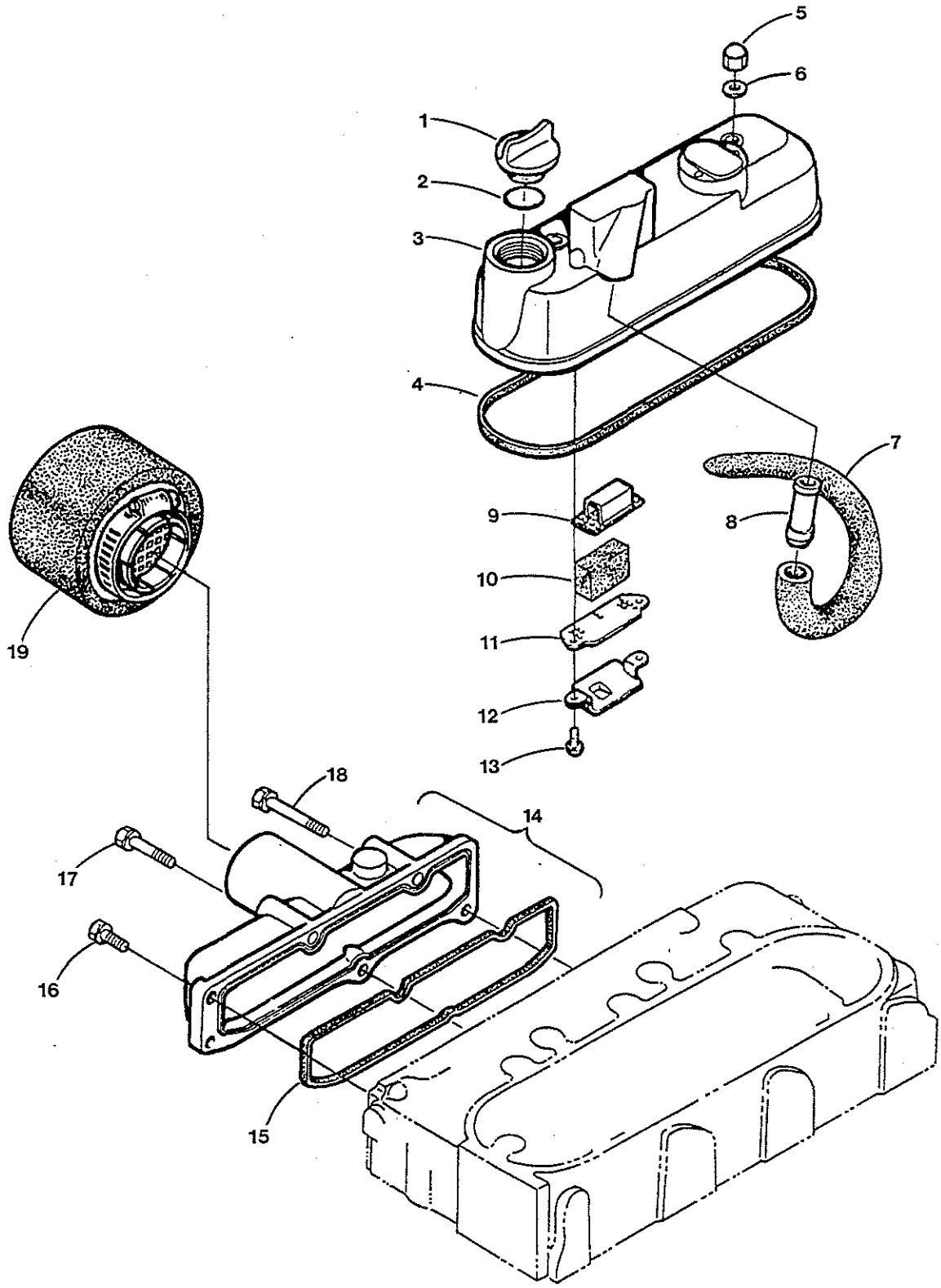
PISTONS, CRANKSHAFT AND MAIN BEARINGS - M-35B / M-40B



PISTONS, CRANKSHAFT AND MAIN BEARINGS - M-35B / M-40B

Reference #	Part #	Part Name	Remarks	Quantity
30	200742	COVER	BEARING CASE	1
31	200860	GASKET	BEARING COVER	1
32	200859	GASKET	BEARING CASE	1
33	200739	BOLT	BEARING CASE	2
34	200736	CASE	ASSEMBLY, MAIN BEARING	1

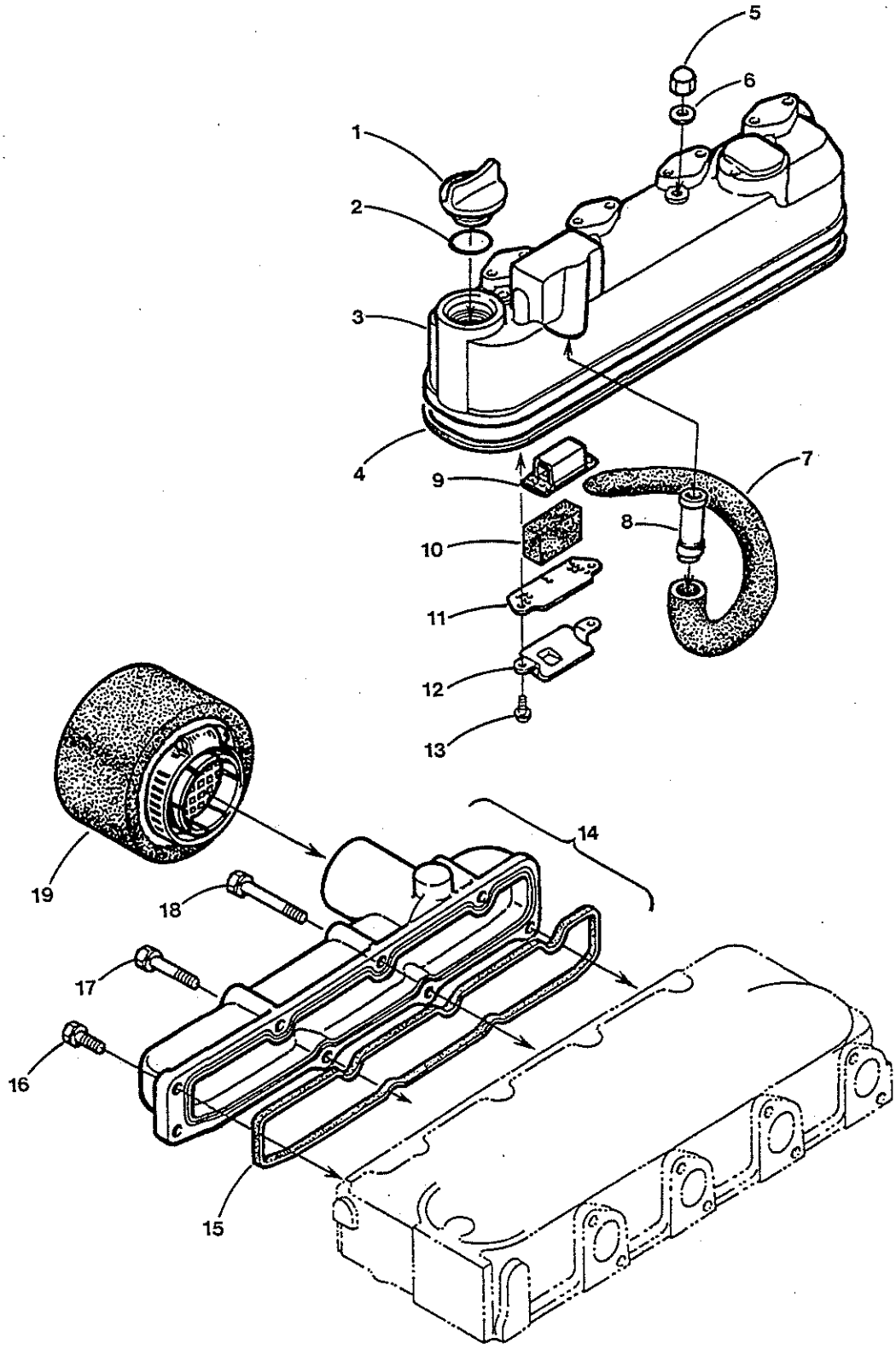
VALVE HEAD COVER AND AIR INTAKE MANIFOLD - M-25XPB



VALVE HEAD COVER AND AIR INTAKE MANIFOLD - M-25XPB

Reference #	Part #	Part Name	Remarks	Quantity
1	302707	CAP	OIL FILTER	1
2	298740	O-RING		1
3	200847	COVER	CYLINDER HEAD, ASSEMBLY	1
4	200848	GASKET	HEAD COVER	1
5	239457	NUT	CAP	3
6	299459	GASKET	ROCKER COVER STUD	3
7	200429	HOSE	BREATHER	1
8	200747	CONNECTOR	BREATHER HOSE	1
9	200744	PLATE	BREATHER ELEMENT	1
10	200748	ELEMENT	BREATHER	1
11	200743	PLATE	BREATHER ELEMENT	1
12	200745	SHIELD	OIL BREATHER	1
13	301399	SCREW	M 5 X 10 W/LW	2
14	200843	MANIFOLD	INTAKE ASSEMBLY	1
15	200844	GASKET	INTAKE MANIFOLD	1
16	043065	CAPSCREW	M 6 X 18 JIS 7 W/LW	3
17	043066	CAPSCREW	M 6 X 30 JIS 7 W/LW	1
18-1	300330	CAPSCREW	M 6 X 50 DIN 931	2
18-2	031783	LOCKWASHER	M 6 DIN 127	2
19	302181	SILENCER	INTAKE	1

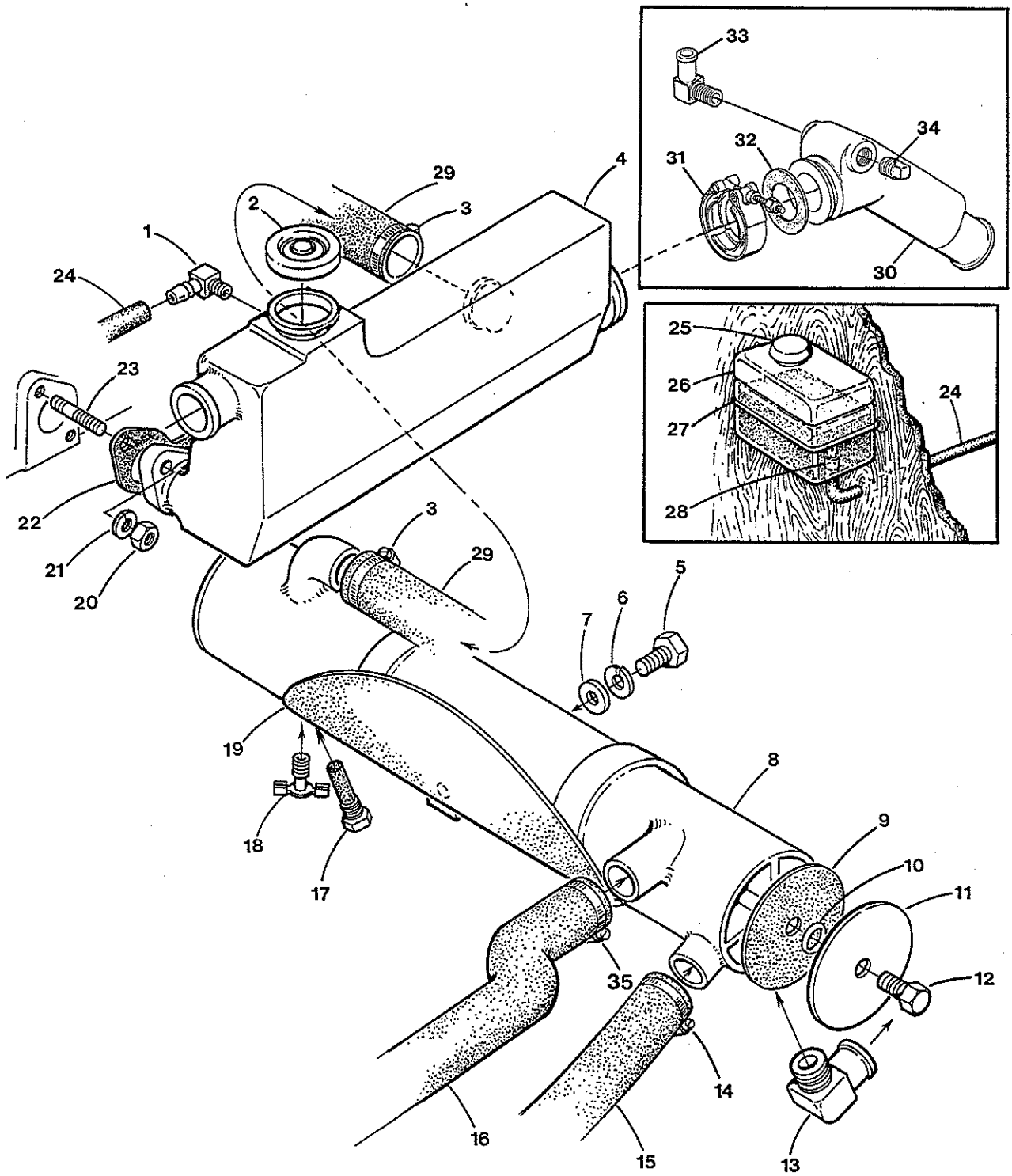
VALVE HEAD COVER AND AIR INTAKE MANIFOLD - M-35B / M-40B



VALVE HEAD COVER AND AIR INTAKE MANIFOLD - M-35B / M-40B

Reference #	Part #	Part Name	Remarks	Quantity
1	302707	CAP	OIL FILTER	1
2	200635	O-RING		1
3	200765	COVER	CYLINDER HEAD, ASSEMBLY	1
4	200766	GASKET	HEAD COVER	1
5	239457	NUT	CAP	4
6	299459	GASKET	ROCKER COVER STUD	4
7	200429	HOSE	BREATHER	1
8	200747	CONNECTOR	BREATHER HOSE	1
9	200744	PLATE	BREATHER ELEMENT	1
10	200748	ELEMENT	BREATHER	1
11	200743	PLATE	BREATHER ELEMENT	1
12	200745	SHIELD	OIL BREATHER	1
13	301399	SCREW	M 5 X 10 W/LW	2
14	200872	MANIFOLD	INTAKE ASSEMBLY	1
15	200749	GASKET	INTAKE MANIFOLD	1
16	043065	CAPSCREW	M 6 X 18 JIS 7 W/LW	3
17	043066	CAPSCREW	M 6 X 30 JIS 7 W/LW	2
18-1	300330	CAPSCREW	M 6 X 50 DIN 931	2
18-2	031783	LOCKWASHER	M 6 DIN 127	2
19	302181	SILENCER	INTAKE	1

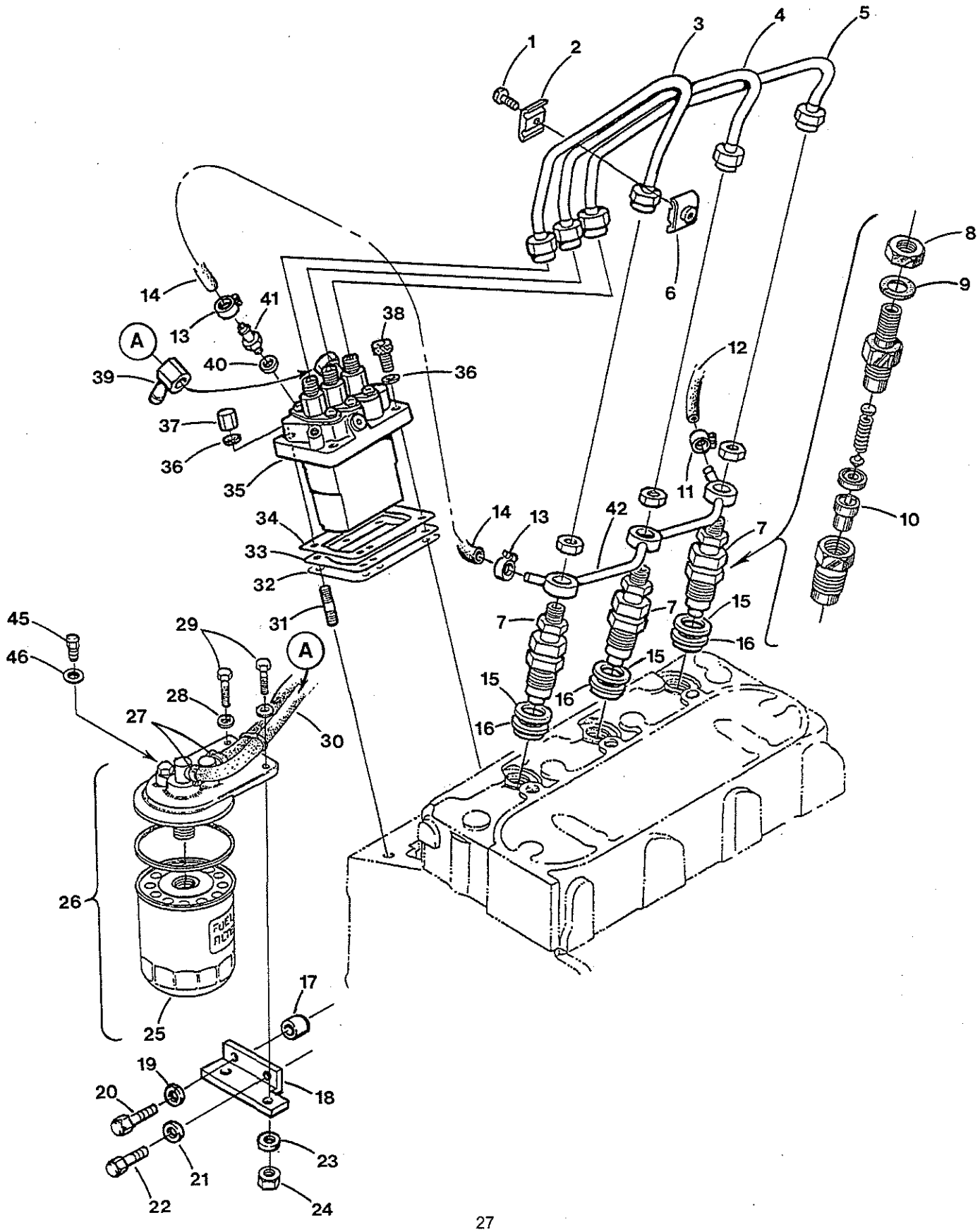
EXHAUST MANIFOLD AND HEAT EXCHANGER - M-25XPB/ M-35B/ M-40B



EXHAUST MANIFOLD AND HEAT EXCHANGER - M-25XPB/ M-35B/ M-40B

Reference #	Part #	Part Name	Remarks	Quantity
1	024907	ELBOW	1/8NPT X 5/16 HOSE	1
2	024306	CAP	PRESSURE 15 PSI	1
3	011405	CLAMP	HOSE 16	2
4-1	201025	MANIFOLD	EXHAUST - M-25XPB	1
4-2	201026	MANIFOLD	EXHAUST - M-35B/M-40B	1
5	018813	CAPSCREW	M 10 X 20 DIN 933	2
6	019262	LOCKWASHER	M 10 DIN 127	2
7	031789	WASHER	M 10 DIN 125	2
8	201027	EXCHANGER	HEAT	1
9	022851	GASKET	EXCHANGER END COVER 2-3/4"	1
10	019321	O-RING	EXCHANGER END COVER 2-3/4"	1
11	022850	COVER	EXCHANGER END	1
12	022852	CAPSCREW	3/8 NC X 3/4 (BRASS)	1
13	036614	ELBOW	HOSE 3/8NPT TO 1	1
14	011386	CLAMP	HOSE 12	1
15	019059	HOSE	7/8 INCH WIRE INSERTED - INCHES REQ'D	26
16-1	200421	HOSE	EXCHANGER TO PUMP - M-25XPB	1
16-2	200439	HOSE	EXCHANGER TO PUMP - M-35B / M-40B	1
17	011885	ZINC		1
18	011471	PETCOCK	1/8NPT EXT SEAT (BRASS)	1
19	303147	PAD	EXCHANGER MOUNT	1
20-1	200446	NUT	M 7 DIN 934 - M-25XPB	6
20-2	200446	NUT	M 7 DIN 934 - M-35B / M-40B	8
21-1	042296	LOCKWASHER	M 7 DIN 127 - M-25XPB	6
21-2	042296	LOCKWASHER	M 7 DIN 127 - M-35B / M-40B	8
22-1	200845	GASKET	EXHAUST MANIFOLD - M-25XPB	1
22-2	200912	GASKET	EXHAUST MANIFOLD - M-35B / M-40B	1
23-1	200432	STUD	M 7 - M-25XPB	6
23-2	200432	STUD	M 7 - M-35B / M-40B	8
24	024637	TUBING	MANIFOLD TO TANK - INCHES REQ'D	72
25	024858	CAP	COOLANT	1
26	024786	STRAP	COOLANT	1
27-1	024977	TANK KIT	INCL REF # 24 THRU 28	1
27-2	024704	TANK	COOLANT RECOVERY	1
28	024906	CLAMP	HOSE 04 MINI	2
29	015774	HOSE	1-1/8 WIRE INSERTED - INCHES REQ'D	11
30-1	200488	KIT	ELBOW, WATER INJ EXHAUST 90 DEG - OPTION	1
30-2	200486	KIT	ELBOW, WATER INJ EXHAUST 45 DEG - OPTION	1
31	036541	CLAMP	EXHAUST ELBOW	1
32	036425	GASKET	EXHAUST ELBOW	1
33-1	036614	ELBOW	HOSE 3/8NPT TO 1 - 90 DEGREE	1
33-2	036616	ELBOW	1/2NPT TO 1" HOSE - 45 DEGREE	1
34-1	036849	PLUG	3/4 NPT SQ HD 90 DEG ELBOW (BRASS)	1
34-2	035747	PLUG	1/2 NPT SQ HD (BRASS)	1
35	021878	CLAMP	HOSE 20	2
36	042289	NAMEPLATE		1
37	031935	SCREW	8-32 X 1/4 SS OVAL HEAD	2

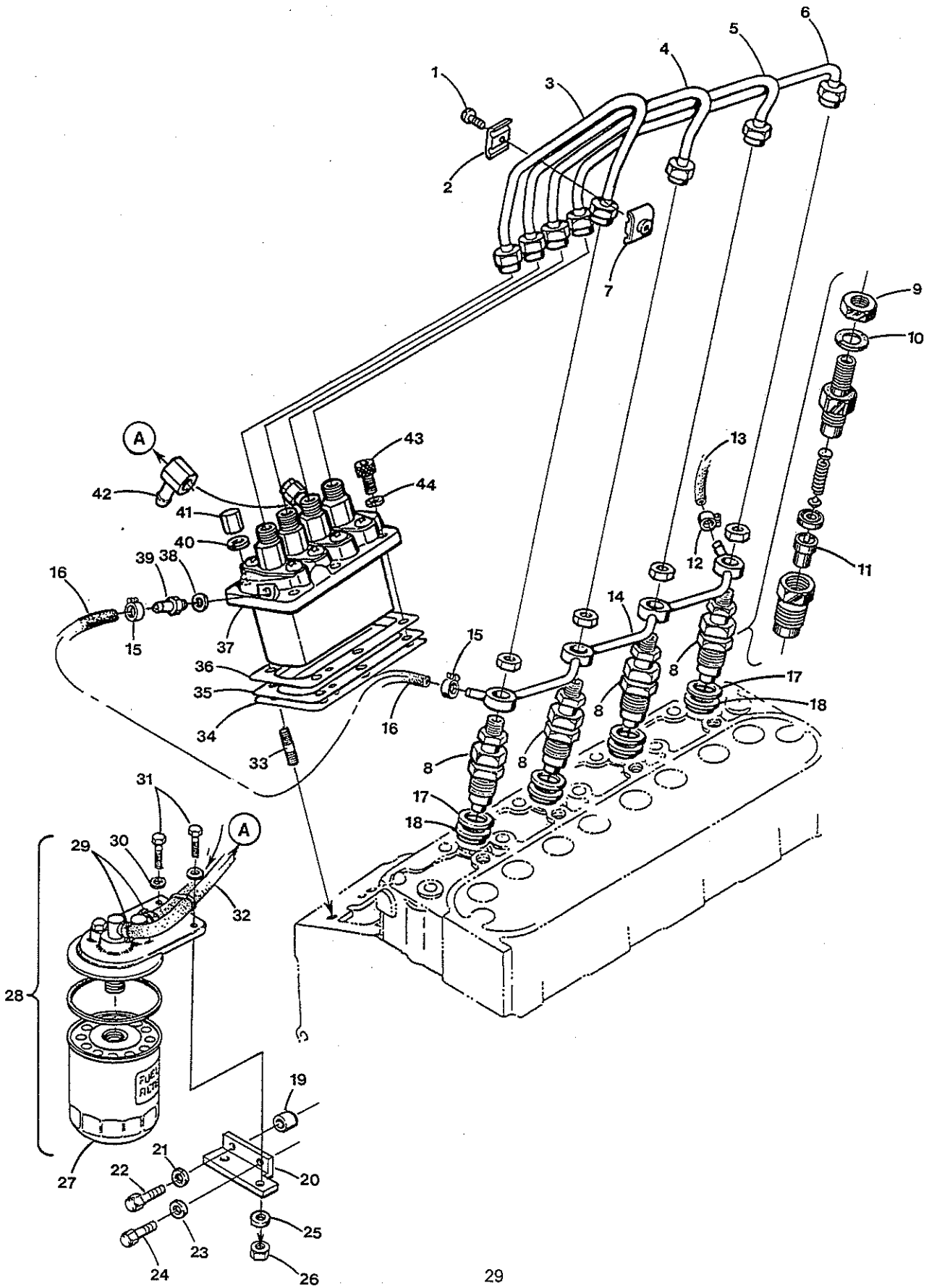
FUEL FILTER, NOZZLE HOLDERS AND INJECTORS - M-25XPB



FUEL FILTER, NOZZLE HOLDERS AND INJECTORS - M-25XPB

Reference #	Part #	Part Name	Remarks	Quantity
1	298794	SCREW	M 5 X 20 PHILLIPS HD W/LW	2
2	301307	CLAMP	FUEL LINE	2
3	200880	LINE	INJECTOR 1	1
4	200881	LINE	INJECTOR 2	1
5	200882	LINE	INJECTOR 3	1
6	301306	CLAMP	FUEL LINE	2
7	200701	INJECTOR		3
8	200703	NUT	INJECTOR LEAK-OFF	3
9	200704	WASHER	INJECTOR	3
10	200702	NOZZLE	INJECTOR	3
11	040384	CLAMP	HOSE, MINI	1
12	036869	HOSE	FUEL, 3/16 ID - INCHES REQ'D	7
13	040622	CLAMP	HOSE, MINI	2
14	301299	LINE	RETURN	1
15	301303	GASKET	INJECTOR	3
16	200617	SHIELD	HEAT INJECTOR	3
17	042225	SPACER		1
18	300103	BRACKET	FUEL FILTER	1
19	031786	LOCKWASHER	M 8 DIN 127	1
20	017196	CAPSCREW	M 8 X 20 DIN 933	1
21	019262	LOCKWASHER	M 10 DIN 127	1
22	024952	CAPSCREW	M 10 X 1.25 X 25 DIN 961	1
23	031758	LOCKWASHER	SPLIT, 5/16 MED (STEEL)	2
24	031756	NUT	HEX 5/16-18 NC (STEEL ZINC)	2
25	298854	FILTER	FUEL	1
26	298853	FILTER	FUEL ASSEMBLY	1
27	017298	CLAMP	HOSE	2
28	031759	WASHER	FLAT, 5/16 SAE (STEEL)	2
29	031555	CAPSCREW	5/16NC X 1	2
30	039140	HOSE	FUEL,5/16 ID - INCHES REQ'D	10
31	301312	STUD	INJECTION PUMP	2
32	200575	SHIM	INJECTION PUMP .30MM	1
33	200574	SHIM	INJECTION PUMP .25MM	1
34	200573	SHIM	INJECTION PUMP .20MM	1
35	200698	PUMP	INJECTION ASSEMBLY	1
36	031783	LOCKWASHER	M 6 DIN 127	4
37	301313	NUT	CAP	2
38	039874	CAPSCREW	M 6 X 20 DIN 912	2
39	200834	BANJO	INJECTION PUMP	1
40	301241	GASKET		1
41	301300	SCREW	BLEED	1
42	200853	LINE	INJECTOR RETURN	1
45	299855	SCREW	BLEED	1
46	299856	O-RING		1

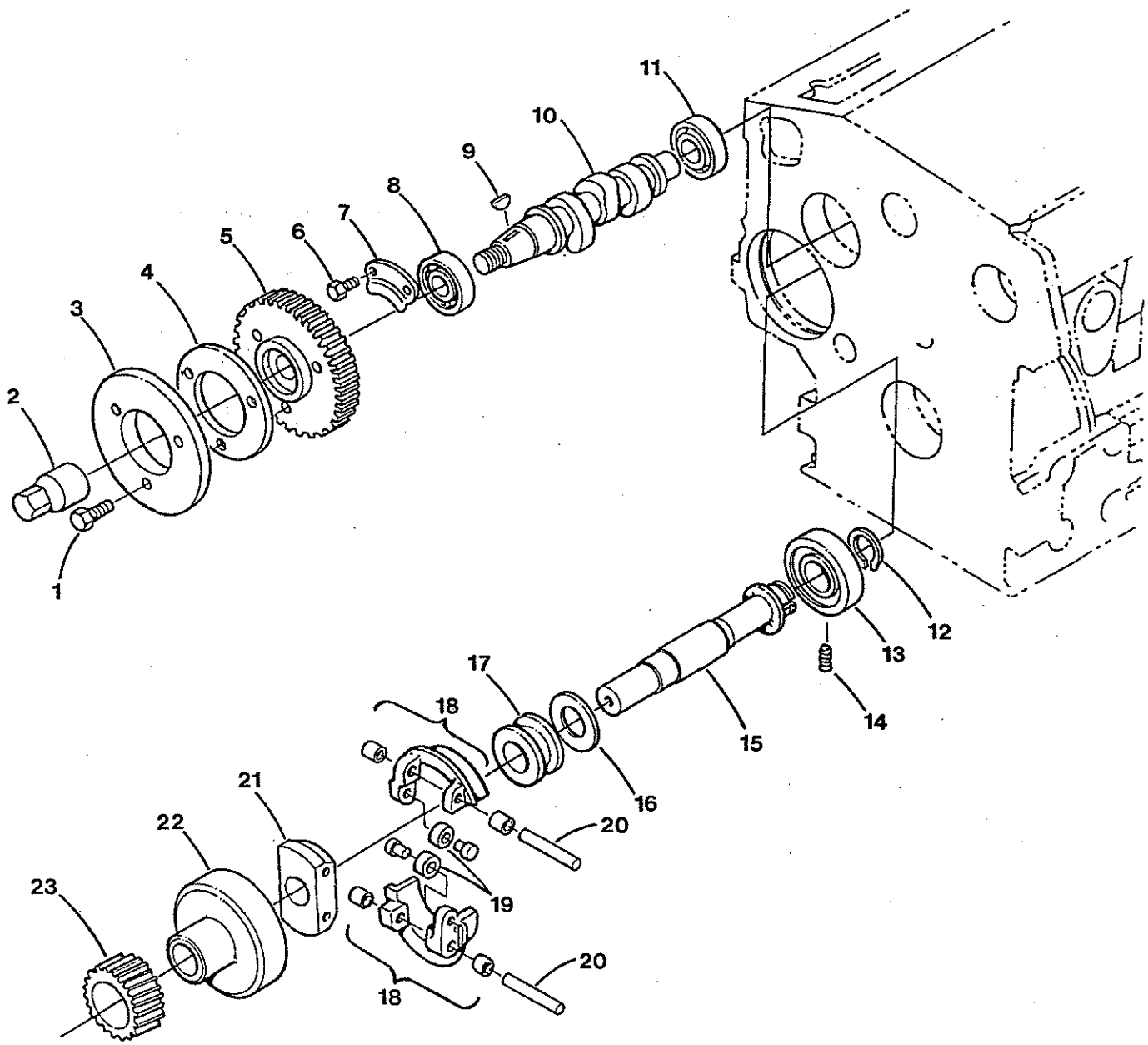
FUEL FILTER, NOZZLE HOLDERS AND INJECTORS - M-35B / M-40B



FUEL FILTER, NOZZLE HOLDERS AND INJECTORS - M-35B / M-40B

Reference #	Part #	Part Name	Remarks	Quantity
1	298794	SCREW	M 5 X 20 PHILLIPS HD W/LW	3
2	301307	CLAMP	FUEL LINE	3
3	200880	LINE	INJECTOR 1	1
4	200881	LINE	INJECTOR 2	1
5	200882	LINE	INJECTOR 3	1
6	200883	LINE	INJECTOR 4	1
7	301306	CLAMP	FUEL LINE	3
8	200701	INJECTOR		4
9	200703	NUT	INJECTOR LEAK-OFF	4
10	200704	WASHER	INJECTOR	4
11	200702	NOZZLE	INJECTOR	4
12	040384	CLAMP	HOSE, MINI	1
13	036869	HOSE	FUEL, 3/16 ID - INCHES REQ'D	7
14	200879	LINE	INJECTOR RETURN	1
15	040622	CLAMP	HOSE, MINI	2
16	301299	LINE	RETURN	1
17	301303	GASKET	INJECTOR	4
18	200617	SHIELD	HEAT INJECTOR	4
19	042225	SPACER		1
20	300103	BRACKET	FUEL FILTER	1
21	031786	LOCKWASHER	M 8 DIN 127	1
22	017196	CAPSCREW	M 8 X 20 DIN 933	1
23	019262	LOCKWASHER	M 10 DIN 127	1
24	024952	CAPSCREW	M 10 X 1.25 X 25 DIN 961	1
25	031758	LOCKWASHER	SPLIT, 5/16 MED (STEEL)	2
26	031756	NUT	HEX 5/16-18 NC (STEEL ZINC)	2
27	298854	FILTER	FUEL	1
28	298853	FILTER	FUEL ASSEMBLY	1
29	017298	CLAMP	HOSE	2
30	031759	WASHER	FLAT, 5/16 SAE (STEEL)	2
31	031555	CAPSCREW	5/16NC X 1	2
32	039140	HOSE	FUEL,5/16 ID - INCHES REQ'D	21
33	301312	STUD	INJECTION PUMP	3
34	200708	SHIM	INJECTION PUMP .30MM	1
35	200707	SHIM	INJECTION PUMP .25MM	1
36	200706	SHIM	INJECTION PUMP .20MM	1
37	200715	PUMP	INJECTION ASSEMBLY	1
38	301241	GASKET		1
39	301300	SCREW	BLEED	1
40	031783	LOCKWASHER	M 6 DIN 127	6
41	301313	NUT	CAP	3
42	200834	BANJO	INJECTION PUMP	1
43	039874	CAPSCREW	M 6 X 20 DIN 912	3
44	031783	LOCKWASHER	M 6 DIN 127	6
45	299855	SCREW	BLEED	1
46	299856	O-RING		1

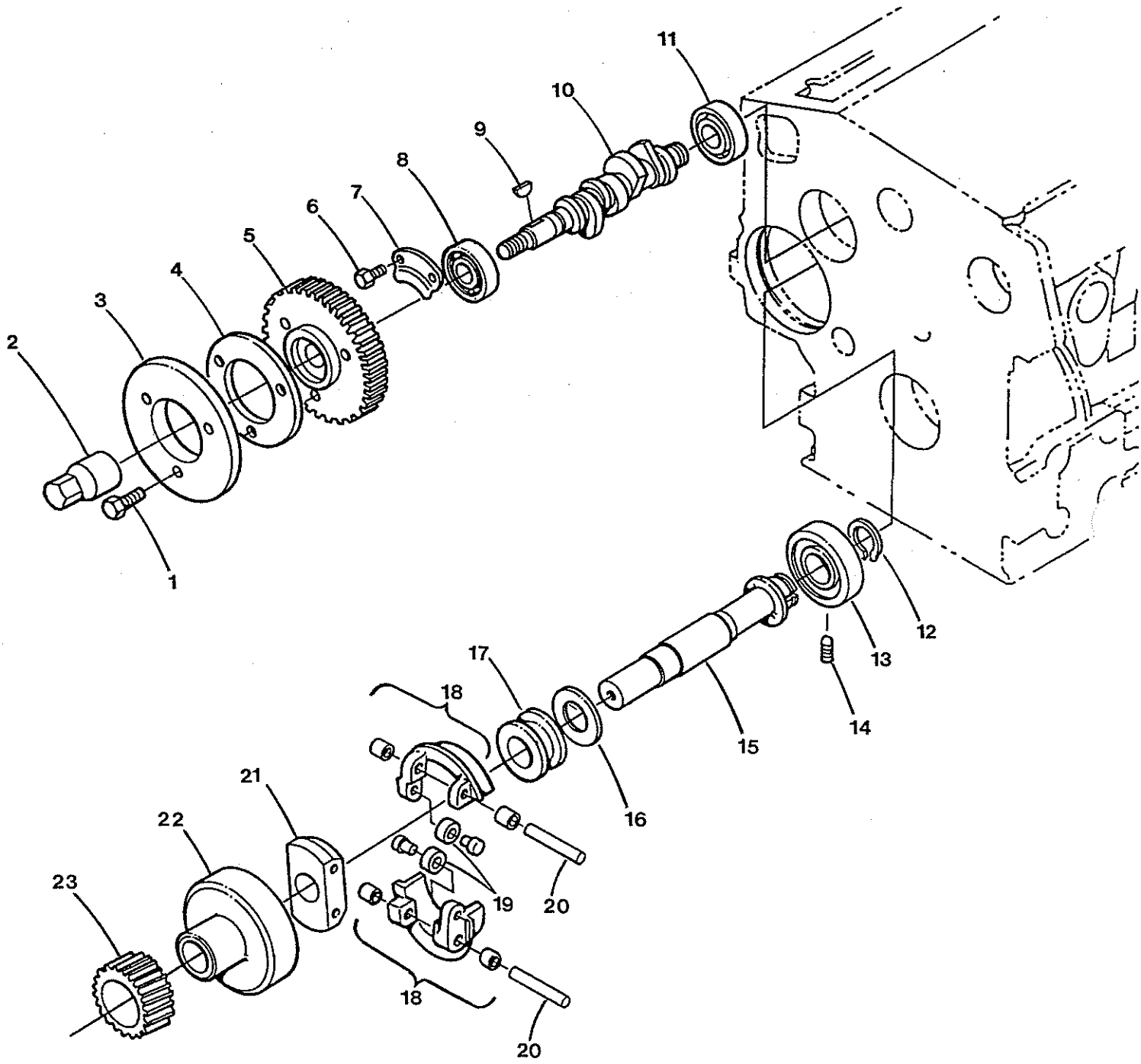
FUEL CAMSHAFT AND GOVERNOR SHAFT - M-25XPB



FUEL CAMSHAFT AND GOVERNOR SHAFT - M-25XPB

Reference #	Part #	Part Name	Remarks	Quantity
1	043065	CAPSCREW	M 6 X 18 JIS 7 W/LW	3
2	200831	NUT	CAP	1
3	200803	CAM	FUEL	1
4	200804	WASHER	INJECTION PUMP DRIVE GEAR	1
5	200897	GEAR	INJECTION PUMP	1
6	035785	CAPSCREW	M 6 X 12 JIS 6 W/LW	2
7	200769	STOPPER	FUEL CAMSHAFT	1
8	200646	BEARING	BALL	1
9	200833	KEY	WOODRUFF	1
10	200696	CAMSHAFT	FUEL	1
11	200645	BEARING	BALL	1
12	200886	RING	RETAINING (EXTERNAL)	1
13	200644	BEARING	BALL	1
14	200812	SETSCREW	ASSEMBLY	1
15	200866	SHAFT	GOVERNOR, ASSY - INCLUDES REF #'S 16-23	1
16	200811	THRUSTWASHER		1
17	200810	SLEEVE	GOVERNOR	1
18	200806	WEIGHT	GOVERNOR ASSEMBLY	2
19	201002	ROLLER	GOVERNOR	2
20	200807	SHAFT	GOVERNOR WEIGHT	2
21	200808	HOLDER	GOVERNOR WEIGHT	1
22	200809	HOLDER	GOVERNOR GEAR	1
23	200904	GEAR	GOVERNOR	1

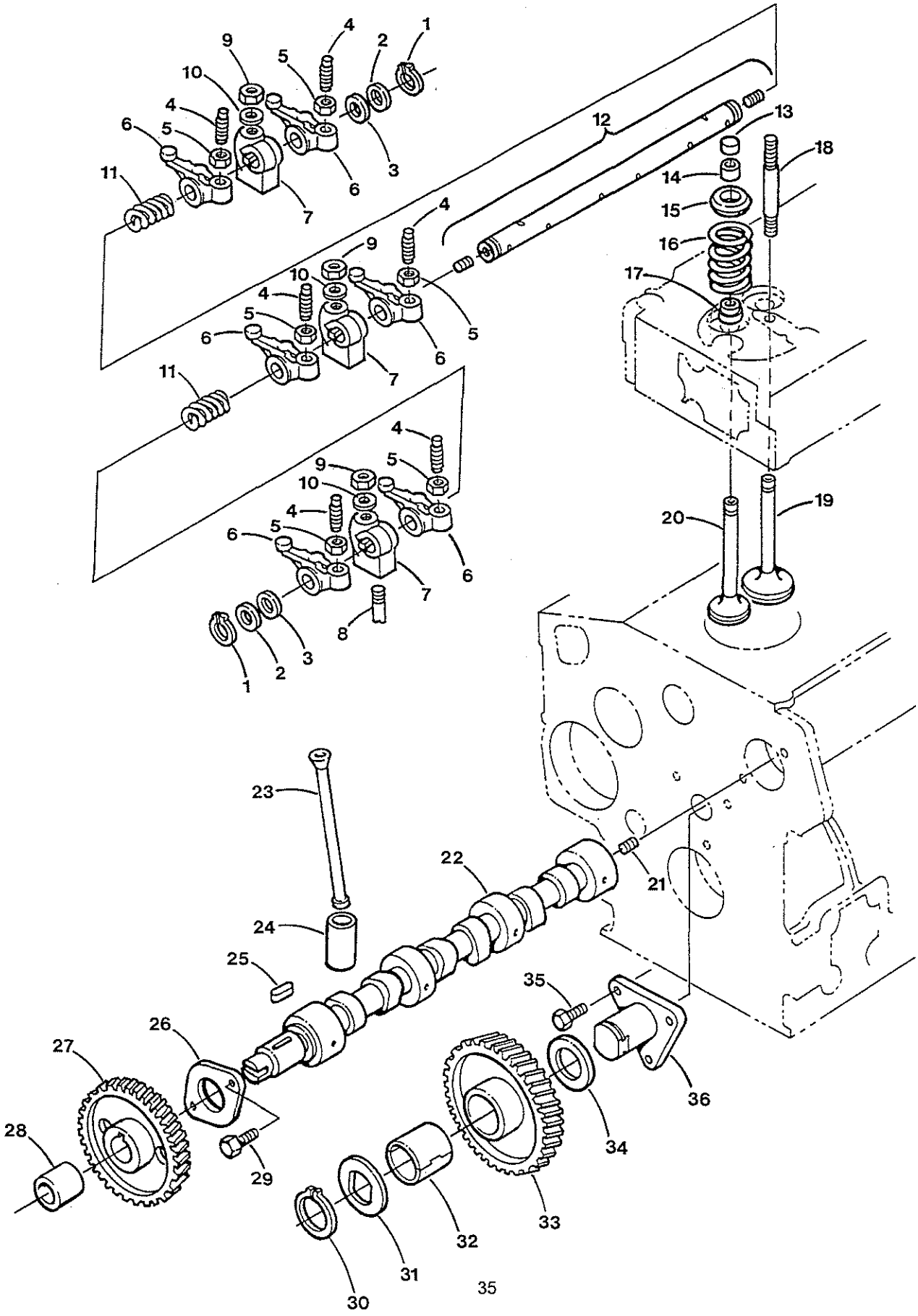
FUEL CAMSHAFT AND GOVERNOR SHAFT - M-35B / M-40B



FUEL CAMSHAFT AND GOVERNOR SHAFT - M-35B / M-40B

Reference #	Part #	Part Name	Remarks	Quantity
1	043065	CAPSCREW	M 6 X 18 JIS 7 W/LW	3
2	200831	NUT	CAP	1
3	200803	CAM	FUEL	1
4	200804	WASHER	INJECTION PUMP DRIVE GEAR	1
5	200897	GEAR	INJECTION PUMP	1
6	035785	CAPSCREW	M 6 X 12 JIS 6 W/LW	2
7	200769	STOPPER	FUEL CAMSHAFT	1
8	200646	BEARING	BALL	1
9	200833	KEY	WOODRUFF	1
10	200705	CAMSHAFT	FUEL	1
11	200645	BEARING	BALL	1
12	200886	RING	RETAINING (EXTERNAL)	1
13	200644	BEARING	BALL	1
14	200812	SETSCREW		1
15-1	200903	SHAFT	GOVERNOR ASSY-INCL REF#'S 15-2 THRU 23	1
15-2	200884	SHAFT	GOVERNOR	1
16	200811	THRUSTWASHER		1
17	200810	SLEEVE	GOVERNOR	1
18	200806	WEIGHT	GOVERNOR ASSEMBLY	2
19	201002	ROLLER	GOVERNOR	2
20	200807	SHAFT	GOVERNOR WEIGHT	2
21	200808	HOLDER	GOVERNOR WEIGHT	1
22	200809	HOLDER	GOVERNOR GEAR	1
23	200904	GEAR	GOVERNOR	1

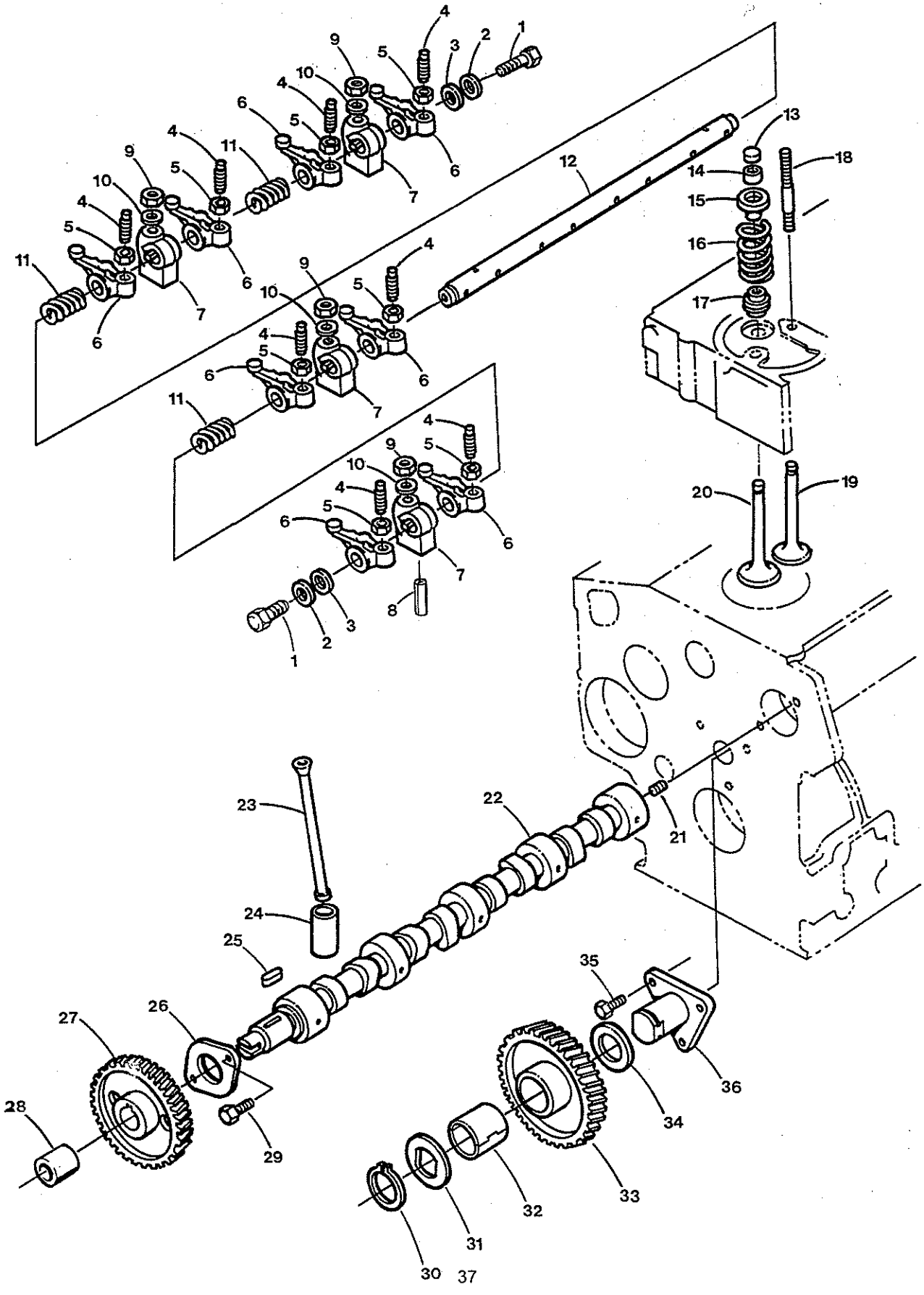
VALVES, ROCKER ARMS AND CAMSHAFTS - M-25XPB



VALVES, ROCKER ARMS AND CAMSHAFTS - M-25XPB

Reference #	Part #	Part Name	Remarks	Quantity
1	200626	RING	RETAINING (EXTERNAL)	2
2	200764	WASHER	ROCKER ARM SHAFT	2
3	200763	WASHER	ROCKER ARM SHAFT	2
4	200757	SCREW	ADJUSTING	6
5	200758	NUT	ROCKER ARM	6
6	200755	ROCKER ARM	ASSEMBLY - INCLUDES REF #'S 4 & 5	6
7	200761	BRACKET	ROCKER ARM	3
8	299447	SETSCREW	ROCKER ARM	1
9	299446	NUT	ROCKER BRACKET	3
10	300156	WASHER	ROCKER BRACKET	3
11	200760	SPRING	ROCKER SHAFT	2
12	200846	SHAFT	ROCKER ARM ASSY-INCLUDES SETSCREW	0
13	299442	CAP	VALVE	6
14	299440	COLLET	VALVE SPRING	6
15	302453	SEAT	VALVE SPRING UPPER	6
16	200873	SPRING	VALVE	6
17	200647	SEAL	VALVE STEM	6
18	299445	STUD	ROCKER BRACKET	3
19	200750	VALVE	INLET	3
20	200751	VALVE	EXHAUST	3
21	301713	SETSCREW		1
22	200850	CAMSHAFT	ASSEMBLY - INCLUDES REF #'S 21,25-27 & 29	0
23	200767	PUSHROD		6
24	200849	TAPPET		6
25	301568	KEY	WOODRUFF	1
26	200768	STOPPER	CAMSHAFT	1
27	200770	GEAR	CAMSHAFT	1
28	044497	SLEEVE	RAW WATER PUMP	1
29	035799	CAPSCREW	M 6 X 14 JIS W/LW	2
30	200793	RING	RETAINING (EXTERNAL)	1
31	200795	THRUSTWASHER	IDLER GEAR	1
32	200878	BUSHING	IDLER GEAR	1
33	200877	GEAR	IDLER ASSEMBLY - INCLUDES REF # 32	0
34	200794	THRUSTWASHER	IDLER GEAR	1
35	035800	CAPSCREW	M 6 X 16 JIS 6 W/ LW	3
36	200792	SHAFT	IDLER GEAR	1

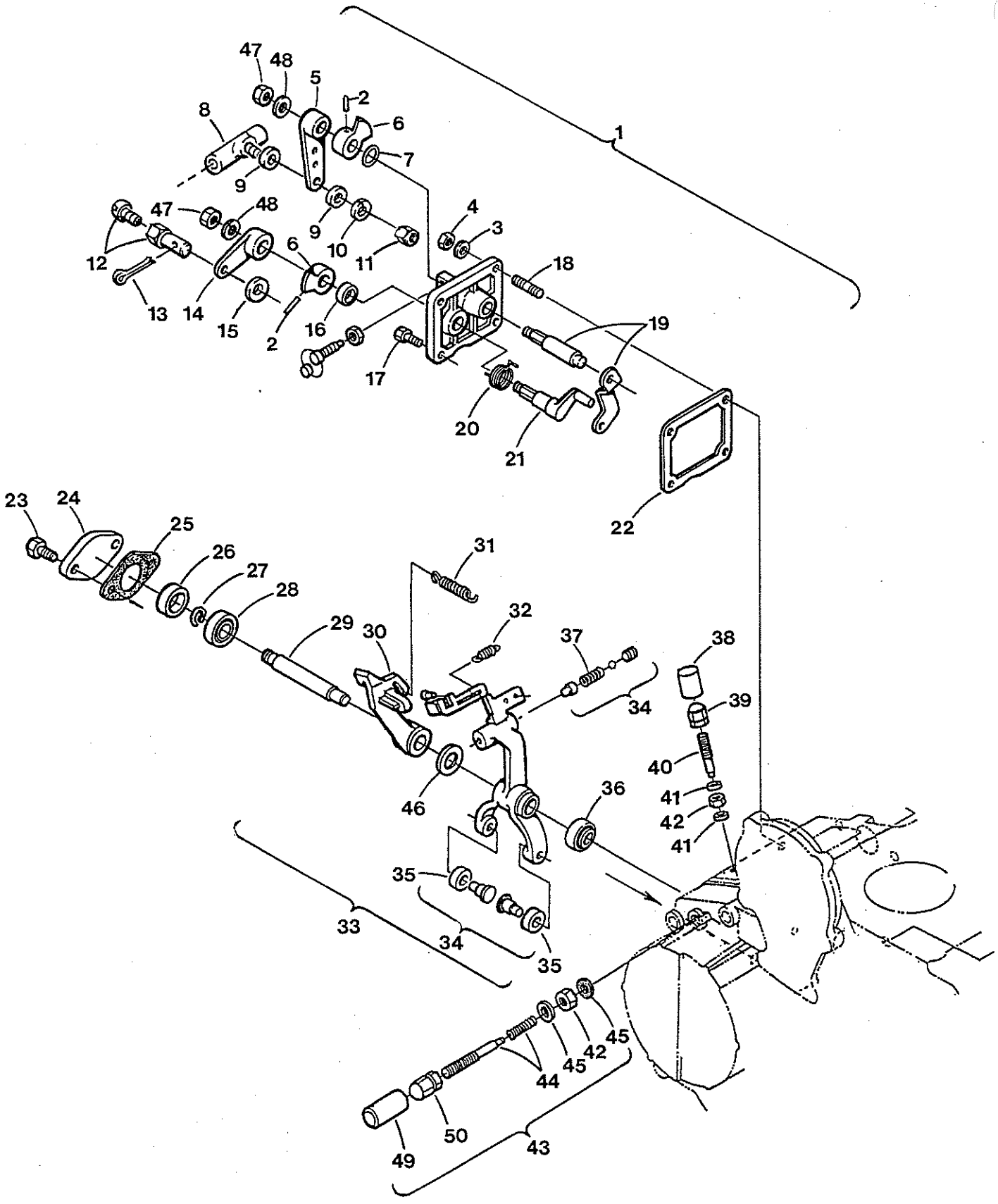
VALVES, ROCKER ARMS AND CAMSHAFTS - M-35B / M-40B



VALVES, ROCKER ARMS AND CAMSHAFTS - M-35B / M-40B

Reference #	Part #	Part Name	Remarks	Quantity
1	301256	CAPSCREW	M 6 X 10 JIS W/LW	2
2	301255	WASHER	PLAIN	2
3	200763	WASHER	ROCKER ARM SHAFT	2
4	200757	SCREW	ADJUSTING	8
5	200758	NUT	ROCKER ARM	8
6	200756	ROCKER ARM	ASSEMBLY - INCLUDES REF #'S 4 & 5	8
7	200761	BRACKET	ROCKER ARM	4
8	200637	PIN	SPRING	1
9	299446	NUT	ROCKER BRACKET	4
10	300156	WASHER	ROCKER BRACKET	4
11	200760	SPRING	ROCKER SHAFT	3
12	200759	SHAFT	ROCKER ARM	1
13	299442	CAP	VALVE	8
14	299440	COLLET	VALVE SPRING	8
15	302453	SEAT	VALVE SPRING UPPER	8
16	200873	SPRING	VALVE	8
17	200647	SEAL	VALVE STEM	8
18	299445	STUD	ROCKER BRACKET	4
19	200751	VALVE	EXHAUST	4
20	200750	VALVE	INLET	4
21	301713	SETSCREW		1
22	200874	CAMSHAFT	ASSEMBLY - INCLUDES REF #'S 21, 25-27 & 29	1
23	200767	PUSHROD		8
24	200849	TAPPET		8
26	200768	STOPPER	CAMSHAFT	1
27	200770	GEAR	CAMSHAFT	1
28	044497	SLEEVE	RAW WATER PUMP	1
29	035799	CAPSCREW	M 6 X 14 JIS W/LW	2
30	200793	RING	RETAINING (EXTERNAL)	1
31	200795	THRUSTWASHER	IDLER GEAR	1
32	200878	BUSHING	IDLER GEAR	1
33	200877	GEAR	IDLER ASSEMBLY - INCLUDES REF # 32	0
34	200794	THRUSTWASHER	IDLER GEAR	1
35	035800	CAPSCREW	M 6 X 16 JIS 6 W/ LW	3
36	200792	SHAFT	IDLER GEAR	1

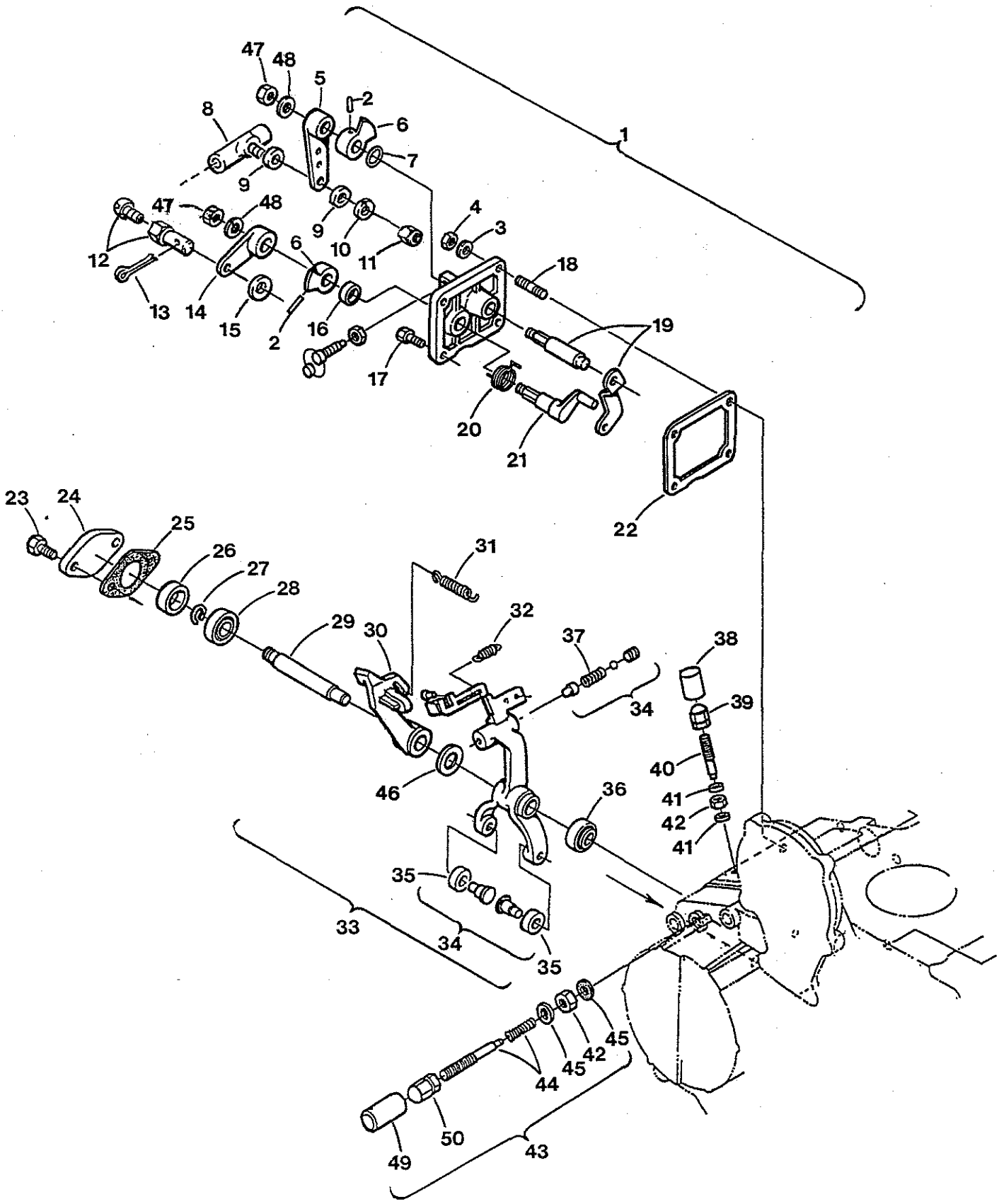
THROTTLE AND GOVERNOR ASSEMBLIES



THROTTLE AND GOVERNOR ASSEMBLIES

Reference #	Part #	Part Name	Remarks	Quantity
1-1	200890	LEVER	THROTTLE ASSY-M-25XPB-REF# 2-7,14,16,19-21	1
1-2	200914	LEVER	THROTTLE ASSY-M35/40B-REF# 2-7,14,16,19-21	1
2	301498	PIN	SPRING	2
3	015812	NUT	M 6 DIN 934	2
4	031783	LOCKWASHER	M 6 DIN 127	2
5	200891	LEVER	THROTTLE	1
6	200818	LEVER	THROTTLE	1
7-1	298680	O-RING	M-25XPB	1
7-2	200630	O-RING	M-35B / M-40B	1
8	033482	BALLJOINT	1/4" NF MALE 10-32 FEM	1
9	031753	WASHER	FLAT, 1/4" SAE (STEEL)	2
10	031752	LOCKWASHER	SPLIT 1/4 MED (STEEL)	1
11	031754	NUT	1/4-28 NF HEX (STEEL ZINC)	1
12	299864	PIVOT	STOP LEVER	1
13	011796	PIN	COTTER, 1/16 X 1/2	1
14	200892	LEVER	ENGINE STOP	1
15	031784	WASHER	M 6 DIN 125	1
16	200673	SEAL	OIL	1
17-1	035800	CAPSCREW	M 6 X 16 JIS 6 W/ LW - M-25XPB	2
17-2	038500	CAPSCREW	M 6 X 16 JIS W/LW - M-35B / M-40B	1
17-3	299365	CAPSCREW	M 6 X 18 JIS - M-35B / M-40B	1
17-4	301241	GASKET	M-35B / M-40B	1
18-1	301507	STUD	M-25XPB	2
18-2	200839	STUD	M-35B / M-40B	2
19	200887	LEVER	GOVERNOR ASSEMBLY	1
20	200727	SPRING	RETURN	1
21	200893	SHAFT	STOP LEVER	1
22	200862	GASKET	THROTTLE LEVER PLATE	1
23	035799	CAPSCREW	M 6 X 14 JIS W/LW	2
24	200815	COVER	FORK LEVER SHAFT	1
25	200913	GASKET	GOVERNOR COVER	1
26	200814	COLLAR		1
27	200625	RING	RETAINING (EXTERNAL)	1
28	200816	BEARING	BALL	1
29	200813	SHAFT	FORK LEVER	1
30-1	200888	LEVER	FORK - M-25XPB	1
30-2	200726	LEVER	FORK - M-35B / M-40B	1
31	200909	SPRING	GOVERNOR	1
32-1	200855	SPRING	START - M-25XPB	1
32-2	200889	SPRING	START - M-35B / M-40B	1
33-1	200719	LEVER	GOV ASSY-M-25XPB-INC REF 29,30,34,35,37,46	1
33-2	200720	LEVER	GOV ASSY-M35/40B-INC REF# 29,30,34,35,37,46	1
34-1	200717	LEVER	FORK ASSEMBLY-M-25XPB	1
34-2	200718	LEVER	FORK ASSEMBLY - M-35B / M-40B	1
35	201002	ROLLER	GOVERNOR	2
36	200817	BEARING	BALL	1
37	200716	SPRING	M-25XPB	1
38-1	200721	CAP	IDLE ADJUSTING SCREW - M-25XPB	1
38-2	200648	CAP	LOCK - M-35B/M-40B	1
39	302746	NUT	CAP	1
40	200805	BOLT	ADJUSTING	1
41-1	301241	GASKET	M-25XPB	2
41-2	301241	GASKET	M-35B / M-40B	1

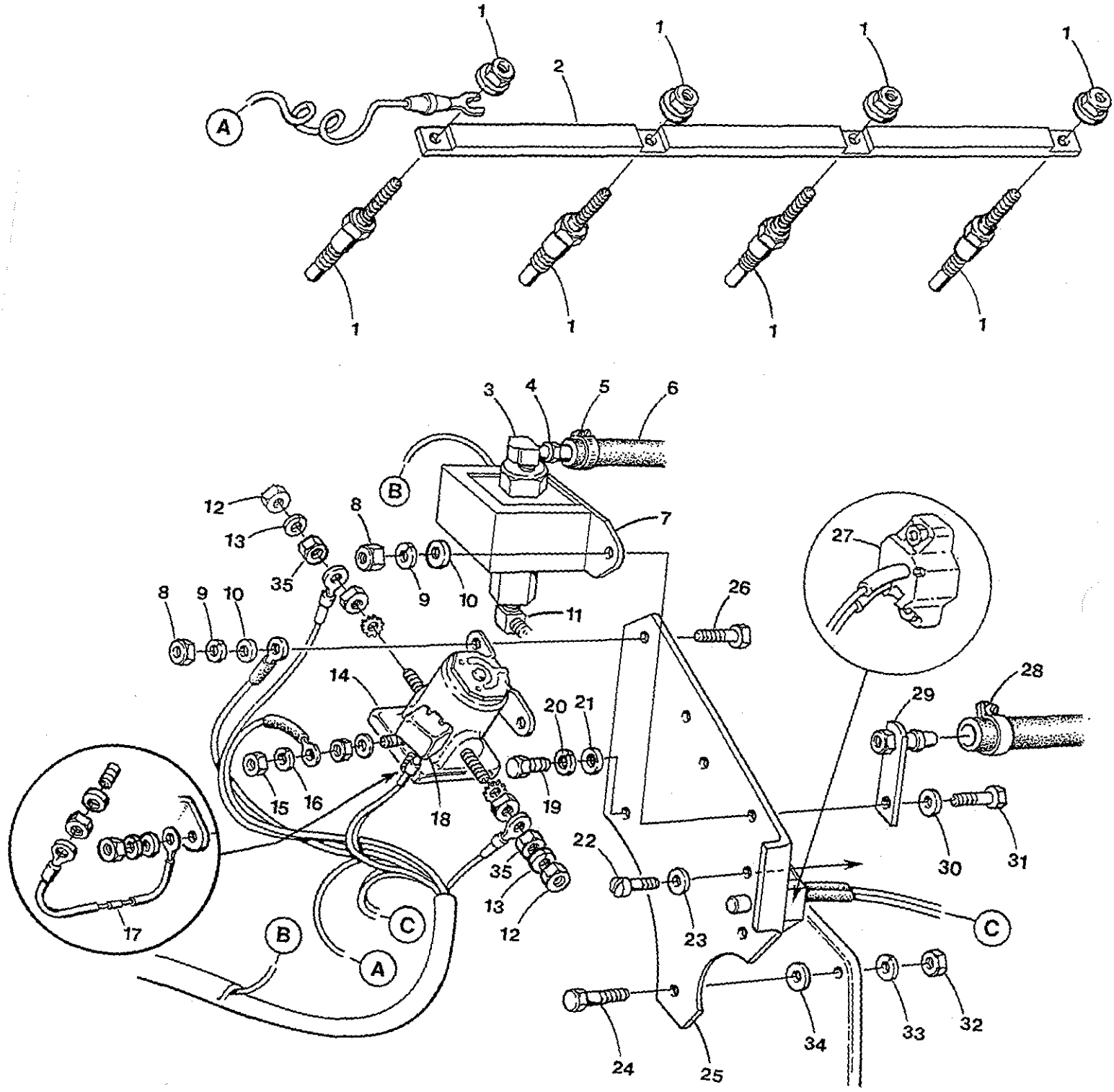
THROTTLE AND GOVERNOR ASSEMBLIES



THROTTLE AND GOVERNOR ASSEMBLIES

Reference #	Part #	Part Name	Remarks	Quantity
41-3	200650	WASHER	COPPER - M-35B / M-40B	1
42-1	301581	NUT	HEX - M-25XPB	2
42-2	200649	NUT	LOCKING - M-35B / M-40B	1
42-3	301581	NUT	HEX - M-35B / M-40B	1
43	200907	IDLER	ADJUSTING, ASSEMBLY	1
44	200908	BOLT	ADJUSTING	1
45	301241	GASKET		2
46	201023	WASHER	FORK LEVER	1
47	045545	NUT	M 6 KEPS	2
48	031753	WASHER	1/4 FLAT	2
49	200721	CAP	LOCKING	1
50	302746	NUT	CAP	1

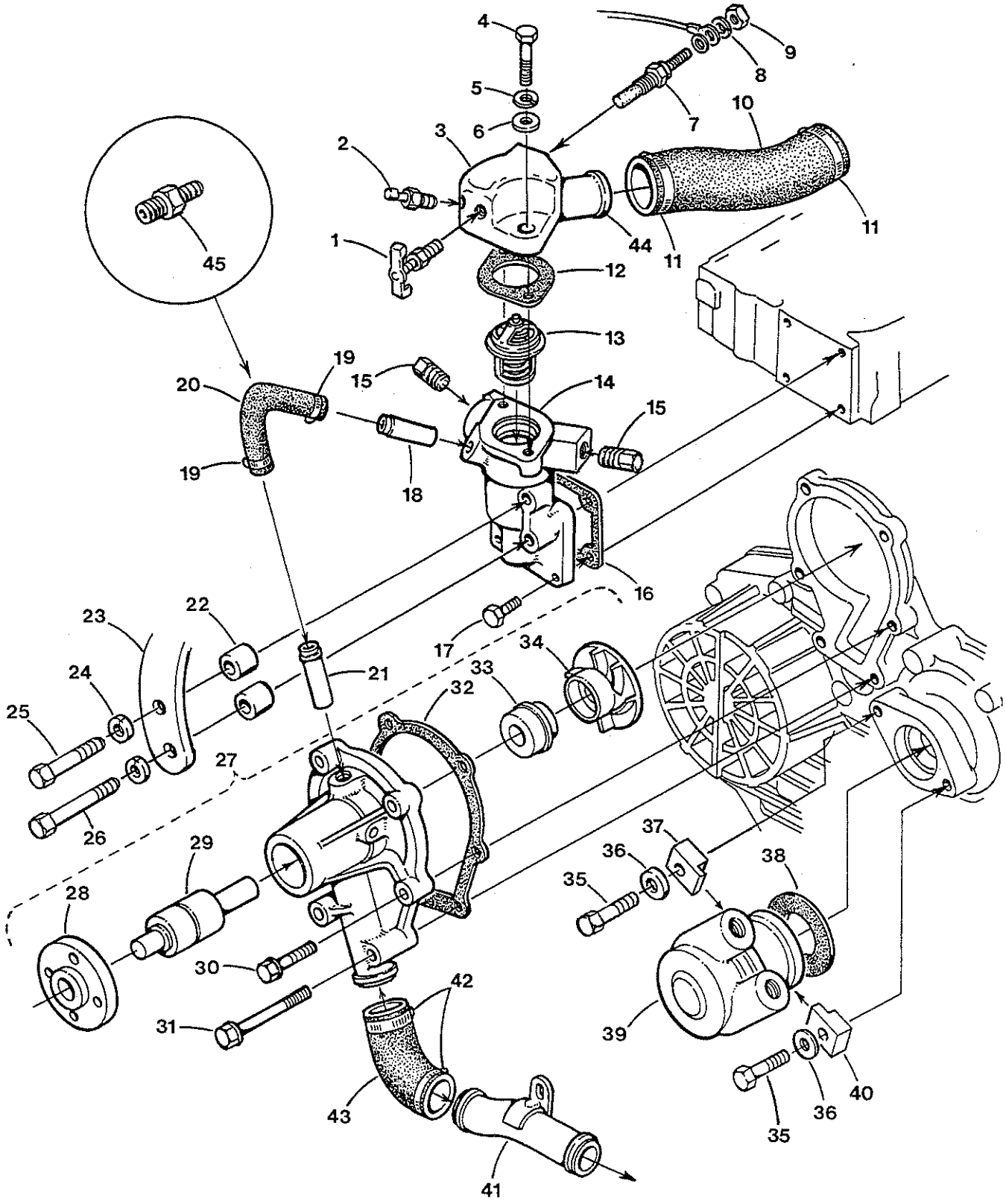
FUEL LIFT PUMP, SOLENOID AND FUEL RETURN



FUEL LIFT PUMP, SOLENOID AND FUEL RETURN

Reference #	Part #	Part Name	Remarks	Quantity
1-1	200595	GLOWPLUG	12VDC - M-25XPB	3
1-2	200595	GLOWPLUG	12VDC - M-35B / M-40B	4
2-1	200856	STRAP	GLOW PLUG CONNECTING - M-25XPB	1
2-2	200894	STRAP	GLOWPLUG CONNECTING - M-35B / M-40B	1
3	022513	ELBOW	ADAPTER	1
4	021485	ADAPTER	5/16 TUBE 1/2-20 MALE SW	1
5	017298	CLAMP	HOSE	1
6-1	039140	HOSE	FUEL,5/16 ID - M-25XPB - INCHES REQ'D	15
6-2	039140	HOSE	FUEL,5/16 ID - M-35B / M-40B - INCHES REQ'D	13
7	039275	PUMP	FUEL LIFT 12VDC	1
8	031750	NUT	HEX,1/4-20 MED (STEEL)	4
9	031752	LOCKWASHER	SPLIT 1/4 MED (STEEL)	4
10	031753	WASHER	FLAT, 1/4" SAE (STEEL)	4
11	013340	ELBOW	1/8 NPT 90 DEG STREET (BRASS)	1
12	031760	NUT	5/16-24 NF HEX (STEEL) ZINC	2
13	031758	LOCKWASHER	SPLIT, 5/16 MED (STEEL)	2
14	024639	SOLENOID	PREHEAT,24VDC	1
15	031847	NUT	HEX,10-32 MACHINE (STAINLESS)	2
16	031849	LOCKWASHER	SPLIT, 10 MED (STAINLESS)	2
17	039806	RESISTOR	ASSEMBLY, PROPULSION ALARM	1
18	036563	BREAKER	CIRCUIT,10 AMP	1
19	024955	CAPSCREW	M 10 X 1.25 X 45 DIN 960	1
20	019262	LOCKWASHER	M 10 DIN 127	1
21	031789	WASHER	M 10 DIN 125	1
22	043480	SCREW	HEX WASHER HD,8-32 X 7/8 SS	2
23	031843	WASHER	FLAT, 8 SS AN960	1
24	018811	CAPSCREW	M 8 X 40 DIN 931	1
25	200258	BRACKET	SOLENOID BREAKER PUMP	1
26	031503	CAPSCREW	1/4 NC X 3/4	3
27	024683	BREAKER	CIRCUIT,20 AMP,12VDC	1
28	040384	CLAMP	HOSE, MINI	1
29	299830	CONNECTOR	FUEL RETURN ASSEMBLY	1
30	031753	WASHER	FLAT, 1/4" SAE (STEEL)	1
31	031505	CAPSCREW	1/4 NC X 1"	1
32	018242	NUT	M 8 DIN 934	1
33	031786	LOCKWASHER	M 8 DIN 127	1
34	042225	SPACER		2
35	031760	NUT	HEX 5/16 NF (STEEL ZINC)	2

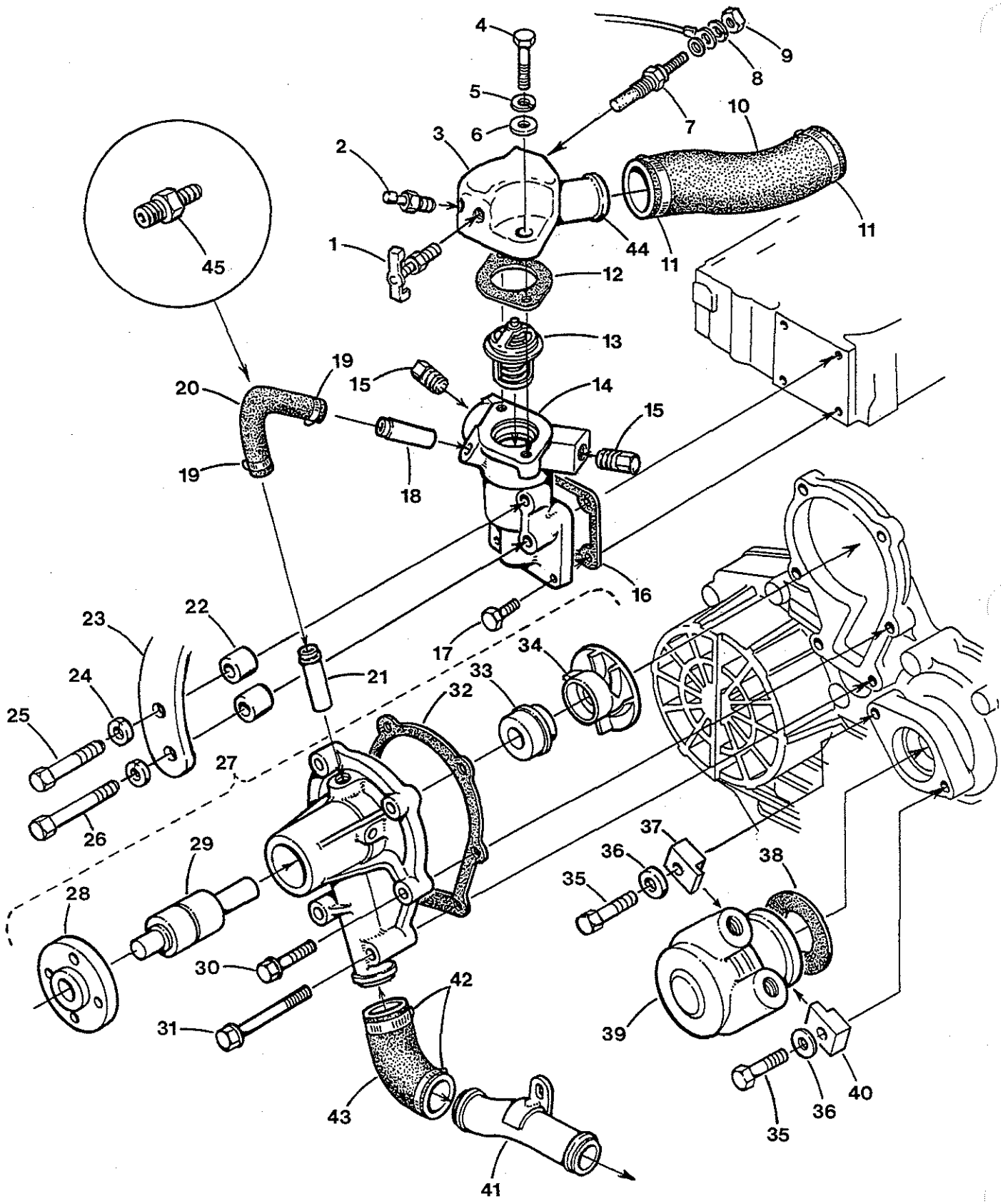
FRESH WATER COOLING SYSTEM



FRESH WATER COOLING SYSTEM

Reference #	Part #	Part Name	Remarks	Quantity
1	011471	PETCOCK	1/8NPT EXT SEAT (BRASS)	1
2	030125	SWITCH	WATER TEMPERATURE ALARM	1
3-1	200422	HOUSING	THERMOSTAT TO MAR 1998 - 38 MM	1
3-2	200502	HOUSING	THERMOSTAT FROM MAR 1998 - 44 MM	1
4-1	035790	CAPSCREW	M 6 X 50 JIS 4 W/LW TO MAR 1998	2
4-2	021558	CAPSCREW	M 8 X 35 DIN 933 FROM MAR 1998	2
5	031786	LOCKWASHER	M 8 DIN 127	2
6-1	031784	WASHER	M 6 DIN 125 TO MAR 1998	2
6-2	031787	WASHER	M 8 DIN 125 FROM MAR 1998	2
7-1	035109	SENDER	WATER TEMPERATURE	1
7-2	019369	PLUG	1/8 NPT	1
7-3	022131	BUSHING	1/4NPT TO 1/8NPT	1
8	031849	LOCKWASHER	10	1
9	031847	NUT	10-32	1
10-1	200428	HOSE	THERM TO MANIFOLD TO MAR 1998	1
10-2	015774	HOSE	1-1/8 WIRE INSERTED FROM MAR 1998	1
11	011405	CLAMP	HOSE 16	2
12-1	300237	GASKET	THERM - 301358 -38 MM - TO MAR 1998	1
12-2	298843	GASKET	THERM - 201001 -44 MM - FROM MAR 1998	1
13-1	301358	THERMOSTAT	160F - 38 MM OD TO MAR 1998	1
13-2	201001	THERMOSTAT	160F - 44 MM OD FROM MAR 1998	1
14-1	200952	HOUSING	LOWER THERM INC #18-38 MM TO MAR 1998	1
14-2	200949	HOUSING	LOWER THERM INC #18-44 MM FROM MAR 1998	1
15	201000	PLUG	HEX HEAD	2
16	200863	GASKET	LOWER THERMOSTAT	1
17	035800	CAPSCREW	M 6 X 16 JIS 6 W/ LW	3
18	200824	NIPPLE	BYPASS	1
19	024906	CLAMP	HOSE 04 MINI	2
20-1	200823	HOSE	THERMOSTAT BYPASS	1
20-2	300236	HOSE	WATER HEATER OPTION	2
21	200822	NIPPLE	WATER PUMP BYPASS	1
22	044098	SPACER		2
23	200438	STRAP	ALTERNATOR ADJUSTING	1
24	031783	LOCKWASHER	M 6 DIN 127	2
25	031824	CAPSCREW	M 6 X 35 DIN 933	1
26	034212	CAPSCREW	M 6 X 75 DIN 931	1
27	200820	PUMP	FRESH WATER	1
28	200826	FLANGE	WATER PUMP PULLEY	1
29	200827	BEARING	WATER PUMP	1
30-1	043066	CAPSCREW	M 6 X 30 JIS 7 W/LOCKWASHER - M-25XPB	4
30-2	041424	CAPSCREW	M 6 X 25 JIS-FLANGE DOG POINT - M-35B/M-40B	4
31-1	034398	CAPSCREW	M 6 X 80 DIN 931	2
31-2	031783	LOCKWASHER	M 6 DIN 127	2
32	200857	GASKET	FRESH WATER PUMP	1
33	200821	SEAL	WATER PUMP	1
34	200825	IMPELLER	WATER PUMP	1
35	020628	CAPSCREW	M 6 X 25 DIN 933	2
36	031783	LOCKWASHER	M 6 DIN 127	2
37	200419	CLAMP	RAW WATER PUMP MOUNT	1
38	302678	GASKET	RAW WATER PUMP MOUNT	1
39	042175	PUMP	RAW WATER	1
40	200418	CLAMP	RAW WATER MOUNT	1
41	200961	LINE	FRESH WATER PUMP	1

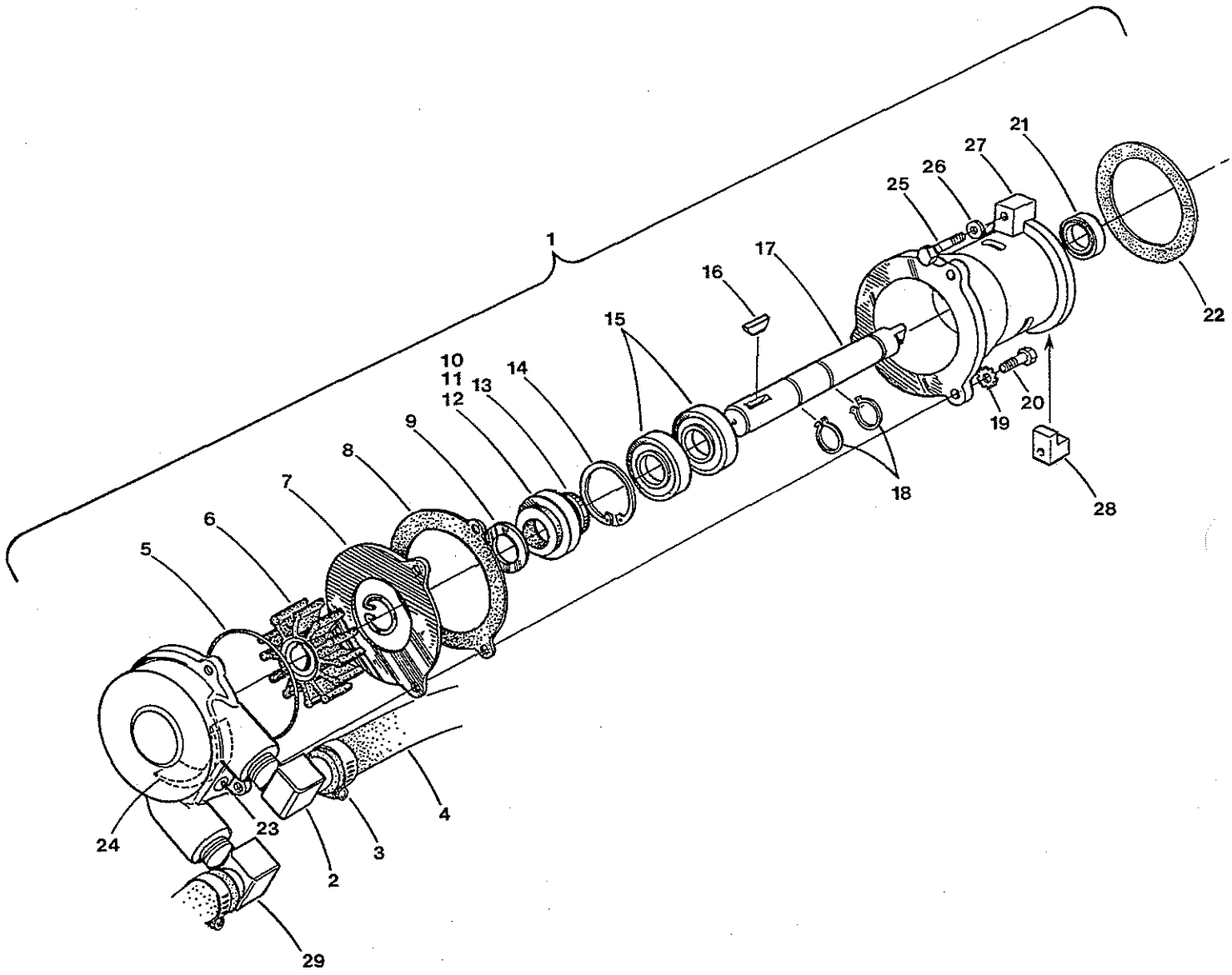
FRESH WATER COOLING SYSTEM



FRESH WATER COOLING SYSTEM

Reference #	Part #	Part Name	Remarks	Quantity
42	011405	CLAMP	HOSE 16	1
43	200819	HOSE	WATER PUMP, IN	1
44	200503	NIPPLE	3/4 NPT X 1-1/8 HOSE HOUSING 200502	1
45	302391	ADAPTER	HOSE 3/8 X 5/8 ID - HEATER OPTION	1

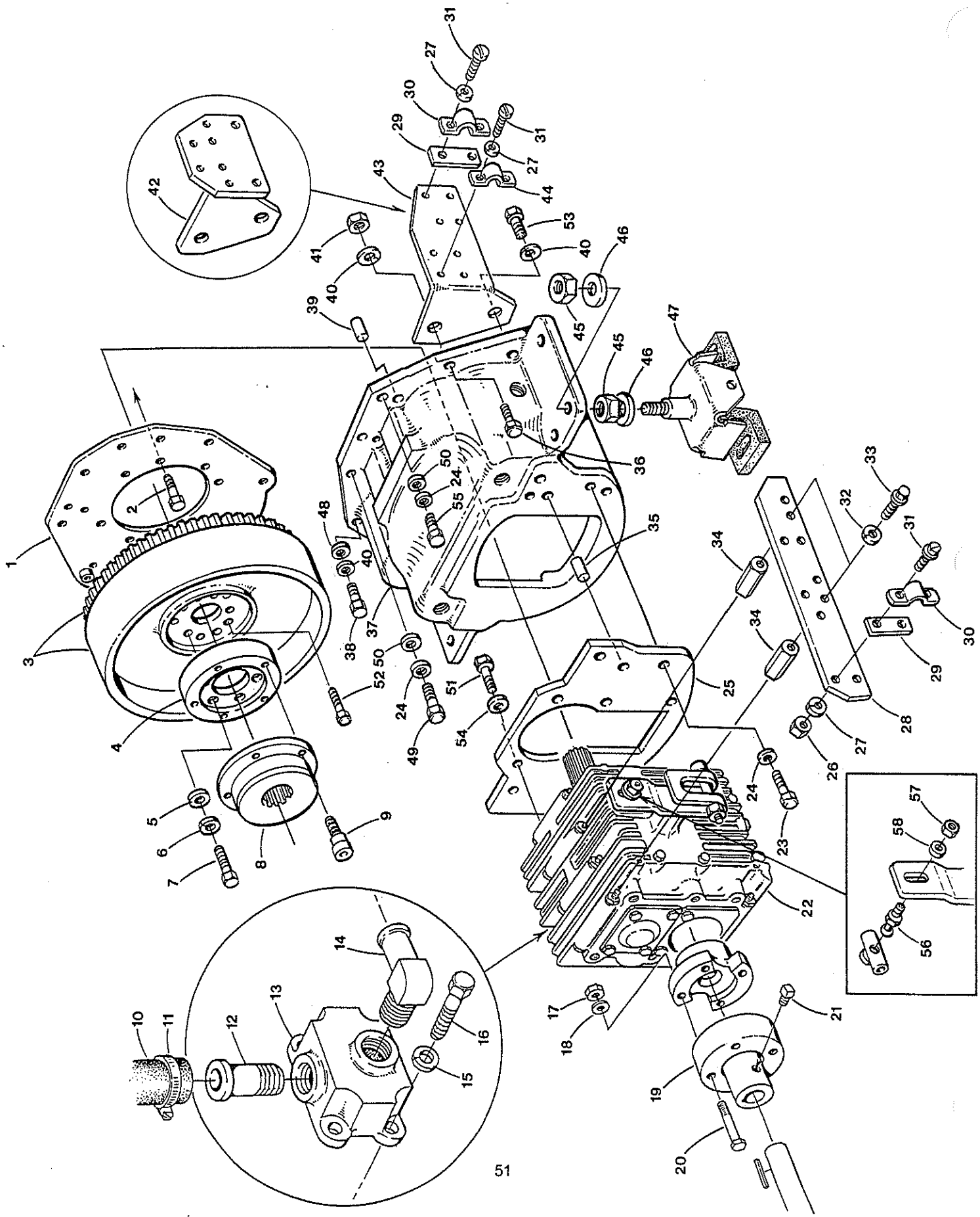
RAW WATER PUMP



RAW WATER PUMP

Reference #	Part #	Part Name	Remarks	Quantity
1	042175	PUMP	RAW WATER INCLUDES Ref.# 5-18,21,23 and 24	1
2	030183	ELBOW	1/2 NPT X 7/8 HOSE 90 DEG	1
3	011386	CLAMP	HOSE 12	1
4	019059	HOSE	7/8 INCH WIRE INSERTED - INCHES REQ'D	26
5	302877	O-RING		1
6	200175	IMPELLER KIT	INCLUDES REF #'S 5,6 & 8	1
7	302878	PLATE	PUMP END	1
8	302879	GASKET	PUMP	1
9	302876	WASHER	FLAT	1
10	302885	SEAL	PUMP,ASSEMBLY	1
11	302880	SEAT	SEAL	1
12	302881	SEAL	WATER PUMP	1
13	302866	SLINGER	PUMP	1
14	018146	RING	RETAINING (INTERNAL)	1
15	302884	BEARING	BALL	2
16	302874	KEY	WOODRUFF #61	1
17	200536	SHAFT	WATER PUMP	1
18	018145	RING	RETAINING (EXTERNAL)	3
19	032183	LOCKWASHER	1/4	3
20	018143	CAPSCREW	IMPELLER COVER	3
21	303172	SEAL	PUMP	1
22	302678	GASKET	RAW WATER PUMP MOUNT	1
23	302871	SCREW	CAM	1
24	302872	CAM	PUMP	1
25	020628	CAPSCREW	M 6 X 25 DIN 933	2
26	031783	LOCKWASHER	M 6 DIN 127	2
27	200419	CLAMP	RAW WATER PUMP MOUNT	1
28	200418	CLAMP	RAW WATER MOUNT	1
29	302217	ELBOW	1/2 NPT x 5/8 HOS, 90 DEG	1
30	200176	PUMP KIT	REBUILD	1

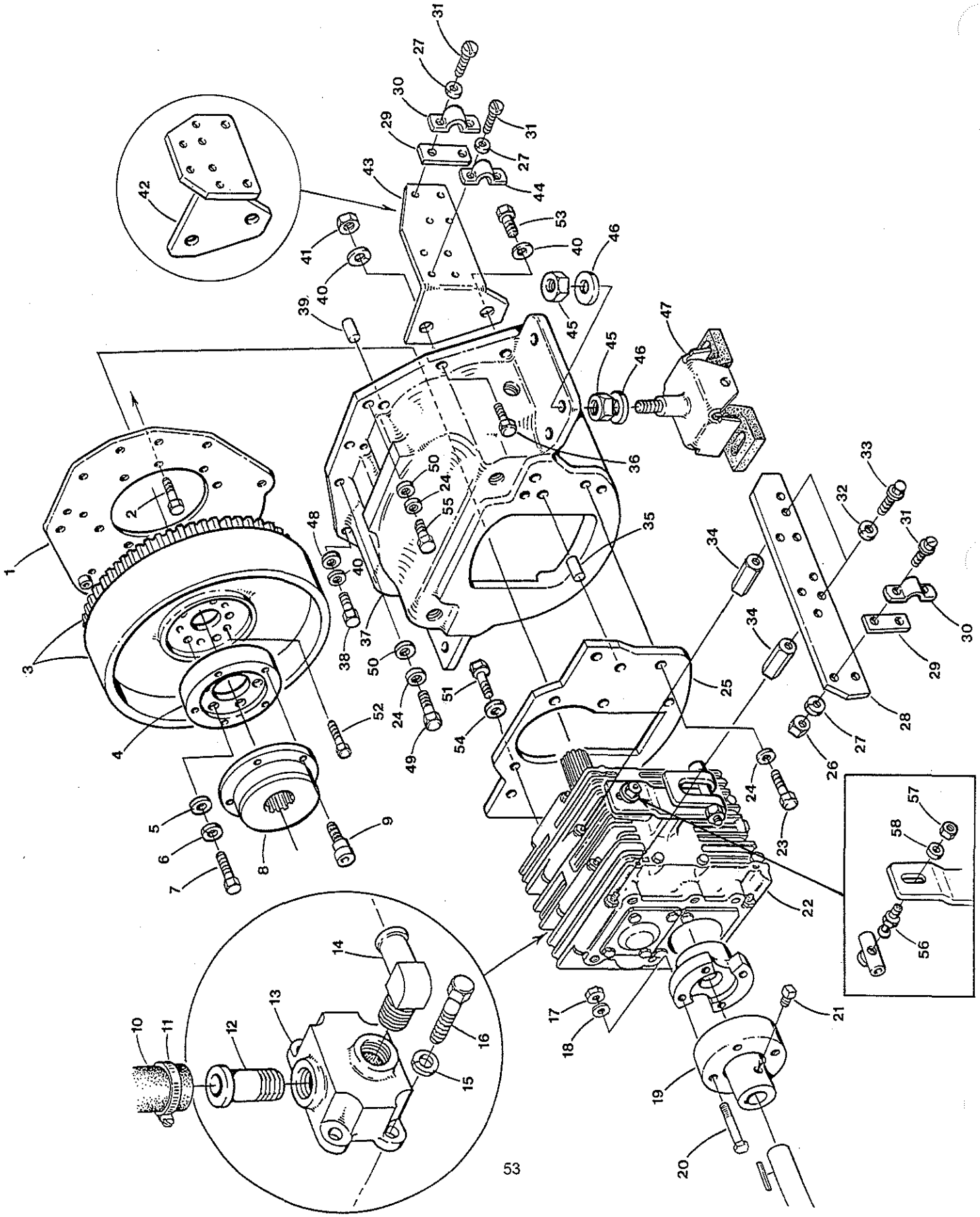
BELL HOUSING AND TRANSMISSION



BELL HOUSING AND TRANSMISSION

Reference #	Part #	Part Name	Remarks	Quantity
1	200741	PLATE	BACK END	1
2	300172	BOLT	PLATE	8
3-1	200957	FLYWHEEL	ASSEMBLY - M-25XPB	1
3-2	200950	FLYWHEEL	ASSEMBLY - M-35B / M-40B	1
3-3	299505	GEAR	RING	1
4	200444	ADAPTER	DAMPER PLATE MOUNTING	1
5	031789	WASHER	M 10 DIN 125	6
6	019262	LOCKWASHER	M 10 DIN 127	6
7	024952	CAPSCREW	M 10 X 1.25 X 25 DIN 961	6
8	044624	DAMPER		1
9	200443	SCREW	SHOULDER, DAMPER	5
10	011779	HOSE	1" WIRE INSERTED - INCHES REQ'D	21
11	011405	CLAMP	HOSE 16	2
12	036622	NIPPLE	HOSE 3/4NPT TO 1	1
13	040036	COOLER	HBW TRANSMISSION - OPTIONAL	1
14	036614	ELBOW	HOSE 3/8NPT TO 1	1
15	031786	LOCKWASHER	M 8 DIN 127	4
16	017196	CAPSCREW	M 8 X 20 DIN 933	4
17	024950	NUT	M 10 X 1.25 DIN 934	4
18	019262	LOCKWASHER	M 10 DIN 127	4
19-1	023706	COUPLING	HBW, 0.75 BORE	1
19-2	023707	COUPLING	HBW, 0.875 BORE	1
19-3	023708	COUPLING	HBW, 1.0 BORE	1
19-4	023709	COUPLING	HBW, 1.125 BORE	1
19-5	023710	COUPLING	HBW, 1.25 BORE	1
19-6	023711	COUPLING	HBW, 1.375 BORE	1
19-7	023712	COUPLING	HBW, 1.5 BORE	1
20	031228	CAPSCREW	M 10 X 1.25 X 30 DIN 961	4
21	023652	SETSCREW	COUPLING 3/8 NC X 1	2
22-1	300115	TRANSMISSION	2:1 HBW 50-2R - M-25XPB	1
22-2	300116	TRANSMISSION	1.8:1 HBW100-2R - M-35B	1
22-3	300117	TRANSMISSION	1.9:1 HBW150-2R - M-40B	1
22-4	299942	TRANSMISSION	2.1:1 HBW150V-2R - V-DRIVE OPTION	1
23	013629	CAPSCREW	M 10 X 25 DIN 933	6
24	019262	LOCKWASHER	M 10 DIN 127	8
25-1	200333	ADAPTER	HBW 35-150	1
25-2	200371	ADAPTER	HBW 150V - V-DRIVE OPTION	1
26	031847	NUT	HEX,10-32 MACHINE (STAINLESS)	2
27	031849	LOCKWASHER	SPLIT, 10 MED (STAINLESS)	6
28	032161	BRACKET	SHIFT CABLE	1
29	013870	SHIM	CABLE CLAMP	2
30	013325	CLAMP	CABLE	2
31	031873	SCREW	10-32 X 5/8 (STAINLESS)	6
32	031786	LOCKWASHER	M 8 DIN 127	2
33	013630	CAPSCREW	M 8 X 25 DIN 933	2
34	030756	NUT	PILLAR, M 8 X 1.25	2
35	019039	DOWEL		2
36	018811	CAPSCREW	M 8 X 40 DIN 931	1
37	200365	HOUSING	FLYWHEEL	1
38	298539	CAPSCREW	M 8 X 28 DIN 933	5
39	301037	DOWEL		2
40	031786	LOCKWASHER	M 8 DIN 127	7
41	018242	NUT	M 8 DIN 934	1

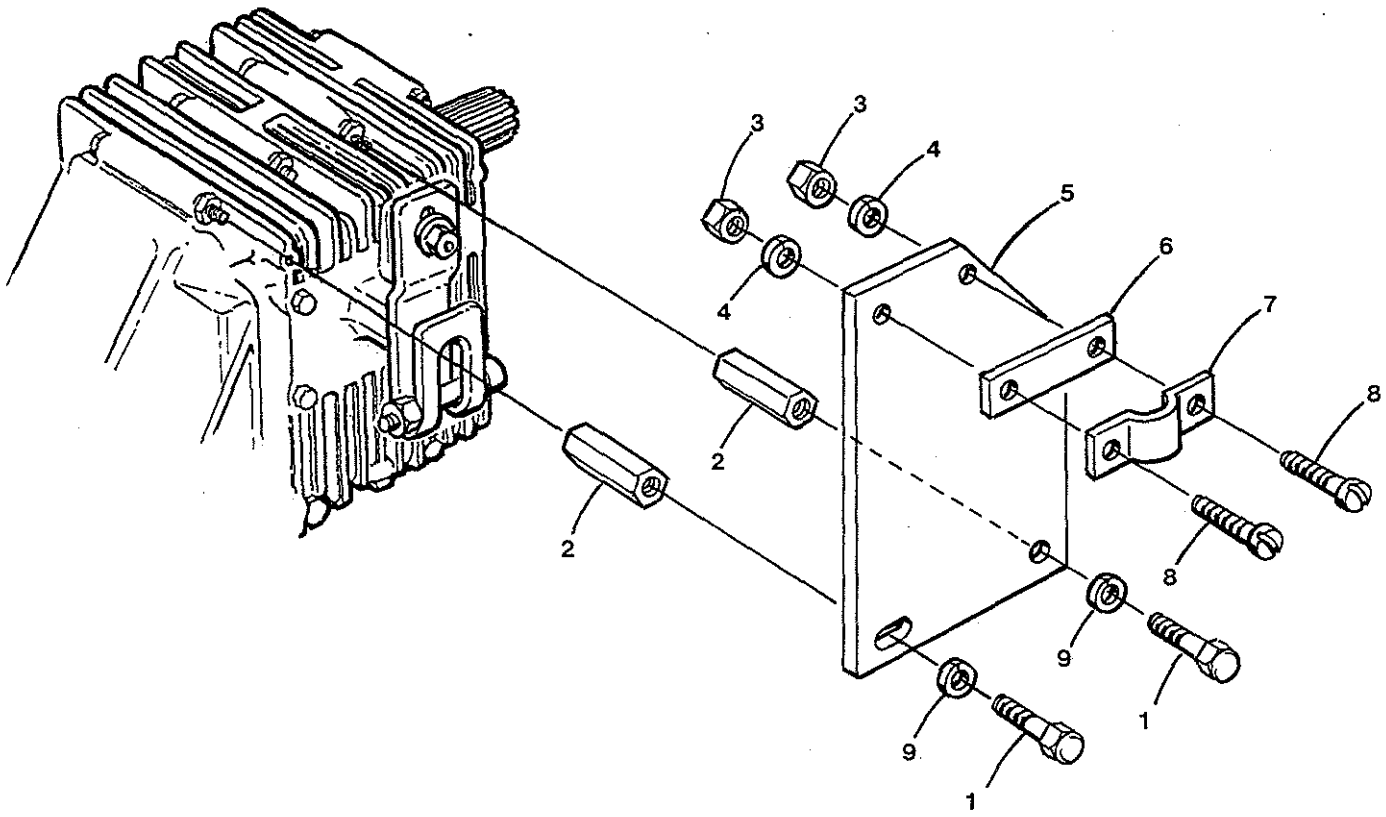
BELL HOUSING AND TRANSMISSION



BELL HOUSING AND TRANSMISSION

Reference #	Part #	Part Name	Remarks	Quantity
42	200433	BRACKET	THROTTLE CONTROL CABLE - M-25XPB	1
43	200434	BRACKET	THROTTLE CONTROL BRACKET - M-35B / M-40B	1
44	013871	CLAMP	FUEL SHUT-OFF CABLE	1
45	040966	NUT	JAM M 16, SELF-LOCKING	2
46	031828	WASHER	FLAT, 5/8 SAE (STEEL)	2
47	040510	ISOLATOR	MARINE 75-130 LB.	2
48	031787	WASHER	M 8 DIN 125	5
49	024953	CAPSCREW	M 10 X 1.25 X 35 DIN 961	1
50	031789	WASHER	M 10 DIN 125	2
51-1	020650	CAPSCREW	M 8 X 18 DIN 933	6
51-2	018813	CAPSCREW	M 10 X 20 DIN 933	6
52	200796	BOLT	FLYWHEEL	6
53	013630	CAPSCREW	M 8 X 25 DIN 933	1
54-1	031786	LOCKWASHER	M 8 DIN 127	6
54-2	019262	LOCKWASHER	M 10 DIN 127	6
55	024955	CAPSCREW	M 10 X 1.25 X 45 DIN 960	1
56	033482	BALLJOINT	SHIFT CABLE	1
57	031754	NUT	1/4 NF	1
58	031752	LOCKWASHER	1/4	1

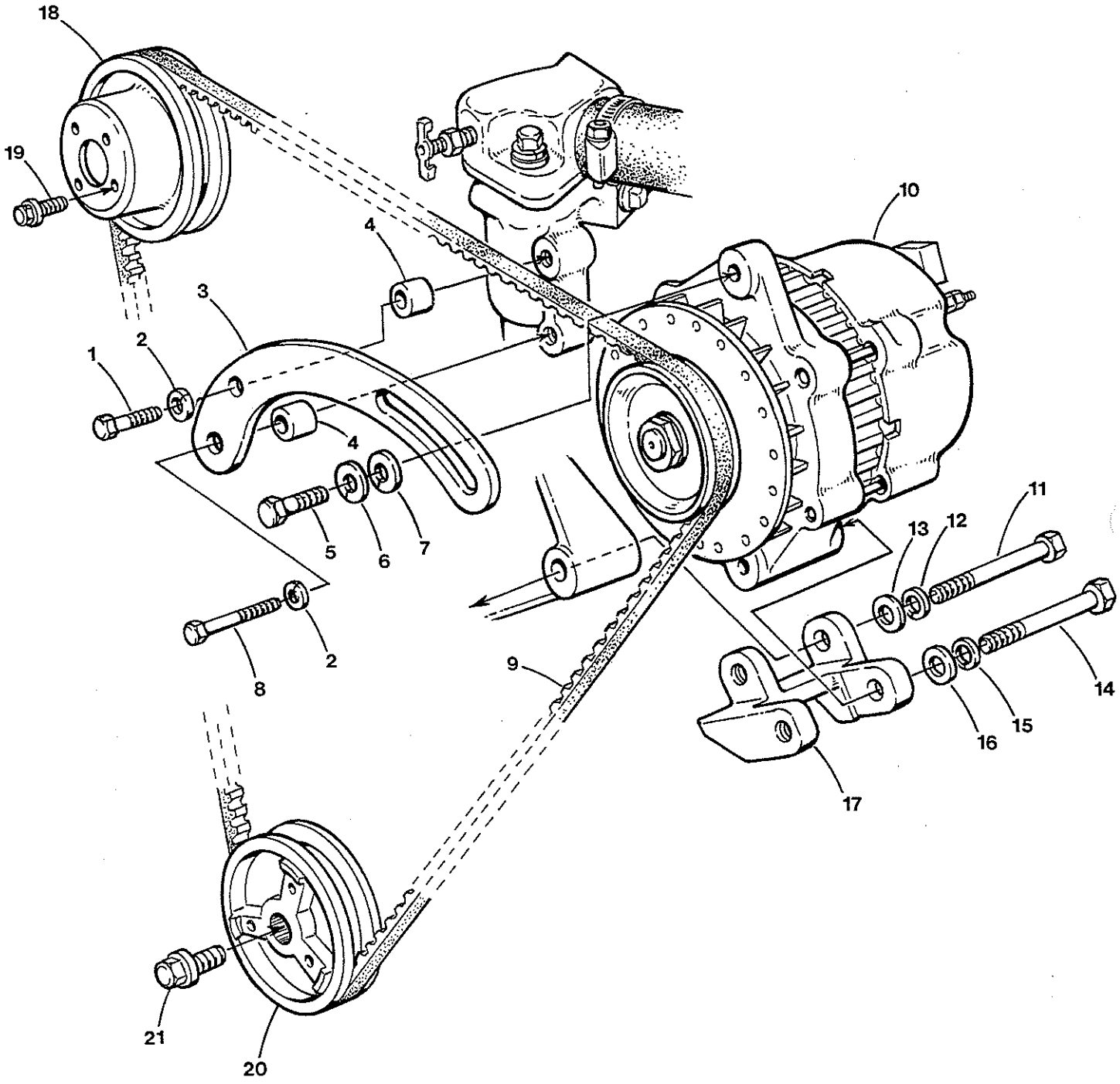
MODEL HBW VERTICAL SHIFTING BRACKET



MODEL HBW VERTICAL SHIFTING BRACKET

Reference #	Part #	Part Name	Remarks	Quantity
1	013630	CAPSCREW	M 8 X 25 DIN 933	2
2	030756	NUT	PILLAR, M 8 X 1.25	2
3	031847	NUT	HEX,10-32 MACHINE (STAINLESS)	2
4	031849	LOCKWASHER	SPLIT, 10 MED (STAINLESS)	2
5	030181	BRACKET	SHIFT CABLE-TOP ENTRY-HBW GEAR	1
6	013870	SHIM	SHIFT CABLE CLAMP BOTTOM	1
7	013325	CLAMP	SHIFT CABLE	1
8	031873	SCREW	10-32 X 5/8 (STAINLESS)	2
9	031786	LOCKWASHER	M 8 DIN 127	2

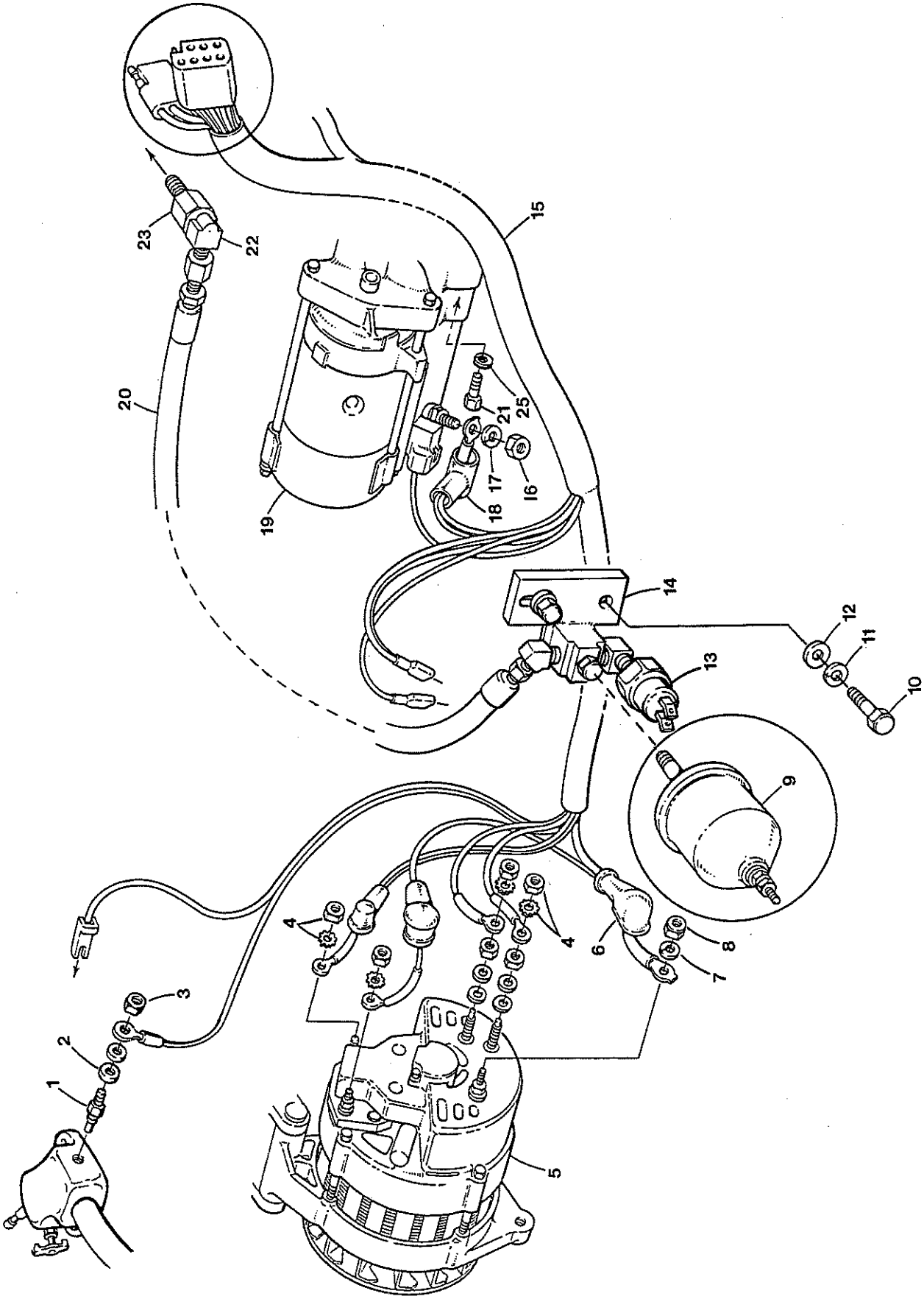
ALTERNATOR ASSEMBLY



ALTERNATOR ASSEMBLY

Reference #	Part #	Part Name	Remarks	Quantity
1	031824	CAPSCREW	M 6 X 35 DIN 933	1
2	031783	LOCKWASHER	M 6 DIN 127	2
3	200438	STRAP	ALTERNATOR ADJUSTING	1
4	044098	SPACER		2
5	031555	CAPSCREW	5/16NC X 1	1
6	031758	LOCKWASHER	SPLIT, 5/16 MED (STEEL)	1
7	033381	WASHER	FLAT	1
8	034212	CAPSCREW	M 6 X 75 DIN 931	1
9	030475	BELT	FAN, 39.5 X 0	1
10-1	041017	ALTERNATOR	12VDC, 51A	1
10-2	300746	ALTERNATOR	12VDC, 72A W/AC TAP - OPTIONAL	1
11	031822	CAPSCREW	M 10 X 1.25 X 75 DIN 960	1
12	019262	LOCKWASHER	M 10 DIN 127	1
13	031789	WASHER	M 10 DIN 125	1
14	031613	CAPSCREW	3/8NC X 3	1
15	031764	LOCKWASHER	SPLIT 3/8 (STEEL)	1
16	031765	WASHER	FLAT, 3/8 (STEEL)	1
17	200436	BRACKET	ALTERNATOR	1
18	200828	PULLEY	FRESH WATER PUMP	1
19	034565	CAPSCREW	M 6 X 10 JIS-FLANGE	4
20-1	200730	PULLEY	CRANKSHAFT - M-25XPB	1
20-2	200840	PULLEY	CRANKSHAFT - M-35B/M-40B	1
21	200829	BOLT	CRANKSHAFT PULLEY	1

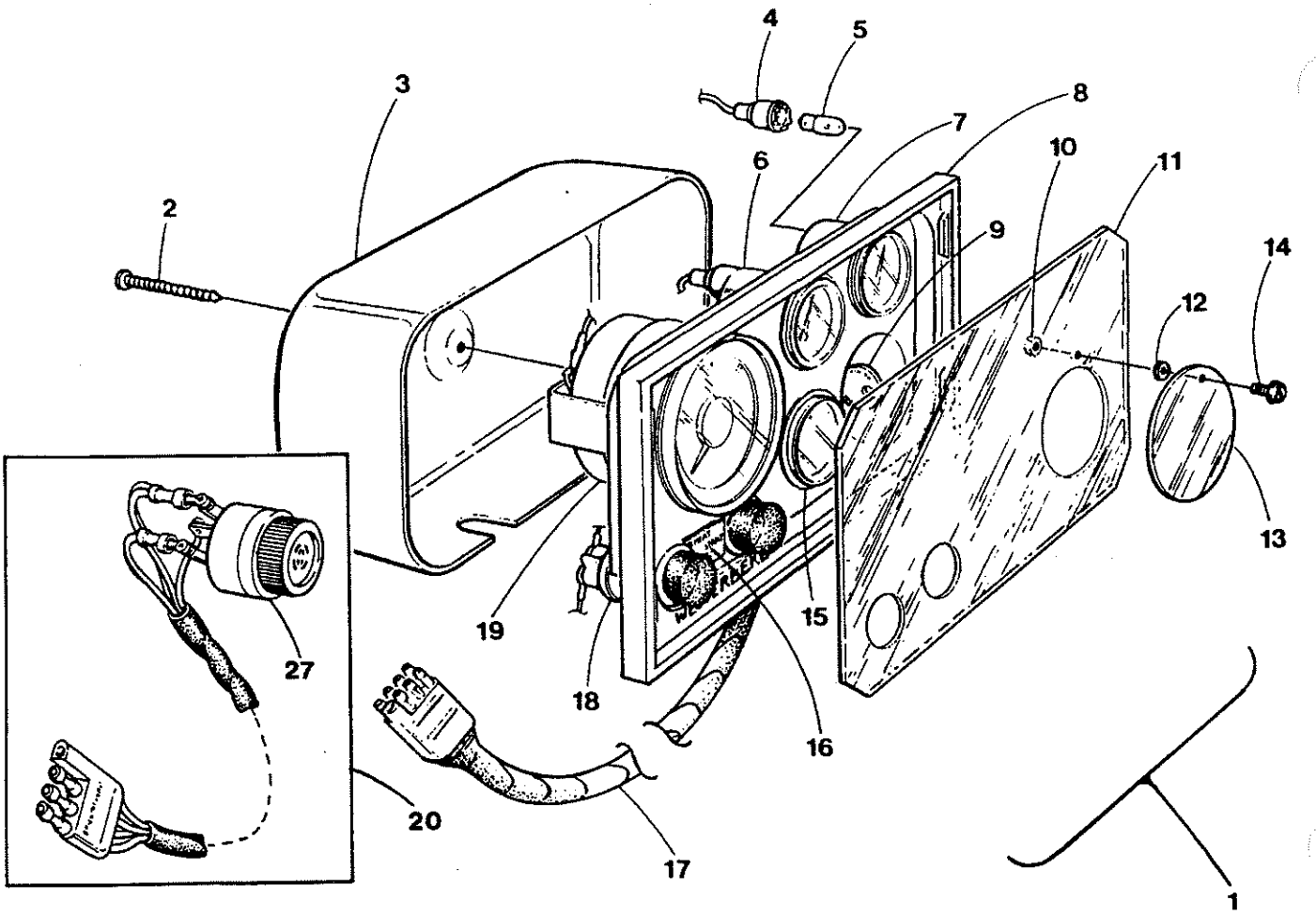
ELECTRICAL SYSTEM

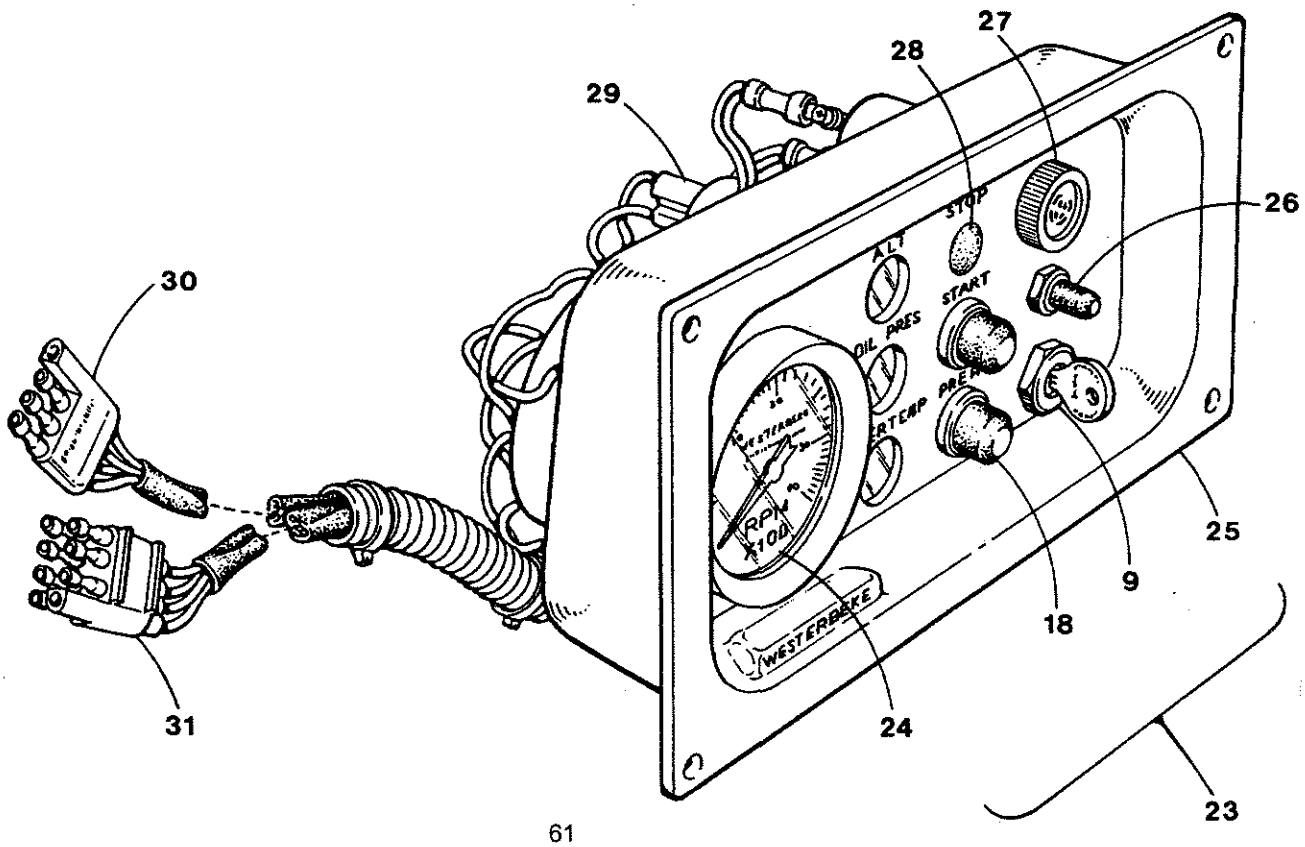


ELECTRICAL SYSTEM

Reference #	Part #	Part Name	Remarks	Quantity
1	035109	SENDER	WATER TEMPERATURE	1
2	031849	LOCKWASHER	10	1
3	031847	NUT	10-32	1
4	031904	NUT	10-24, KEPS (STAINLESS)	4
5-1	041017	ALTERNATOR	12VDC, 51A	1
5-2	300746	ALTERNATOR	12VDC, 72A W/AC TAP	1
6-1	303109	BOOT	ALTERNATOR	2
6-2	034472	BOOT	TERMINAL - NOT SHOWN	1
7	031752	LOCKWASHER	SPLIT 1/4 MED (STEEL)	1
8	031750	NUT	HEX, 1/4-20 MED (STEEL)	1
9	024132	SENDER	OIL PRESSURE,12VDC,100 PSI	1
10	024951	CAPSCREW	M 10 X 1.25 X 20 DIN 961	2
11	019262	LOCKWASHER	M 10 DIN 127	2
12	031789	WASHER	M 10 DIN 125	2
13	037323	SWITCH	OIL PRESSURE, NO. 5	1
14	032480	BRACKET	OIL PRESSURE SENDER	1
15-1	200260	HARNESS	MARINE	1
15-2	200268	HARNESS	MARINE - CATALINA OPTION	1
16	018242	NUT	M 8 DIN 934	1
17	031786	LOCKWASHER	M 8 DIN 127	1
18	303107	BOOT	STARTER	1
19-1	200948	MOTOR	STARTER - M-25XPB	1
19-2	200546	MOTOR	STARTER - M-35B / M-40B	1
20	039385	HOSE	OIL	1
21	013619	CAPSCREW	M 8 X 30 DIN 933	2
22	015122	ELBOW	1/8NPT TO 45 DEG STREET (STEEL)	1
23	024844	ADAPTER	1/8 BSPT TO 1/8 NPT	1
25	031786	LOCKWASHER	M 8 DIN 127	2

PROPULSION INSTRUMENT PANELS





PROPULSION INSTRUMENT PANELS

Reference #	Part #	Part Name	Remarks	Quantity
1	200350	PANEL	ADMIRAL W/ALARM & SENDERS	1
2	030913	SCREW	SLOTTED PAN HEAD 10 X 2 SS	1
3	030119	COVER	PANEL REAR	1
5	042893	LAMP	INSTRUMENT 12VDC INCL HOLDER	3
6	037601	METER	WATER TEMPERATURE	1
7	037603	METER	OIL PRESSURE	1
8	039827	PANEL	PLATE	1
9	033693	KEYSWITCH	OFF/ON	1
10	030003	NUT	NYLON LOCKING 6-32	1
11	033684	COVER	FACEPLATE	1
12	030002	SPACER	NYLON	1
13	024996	WINDOW	KEYSWITCH COVER	1
14	030001	SCREW	NYLON 6-32 X 1/2 WASHER HD	1
15	037605	VOLTMETER	12VDC	1
16	033682	DECAL	SWITCH INDENTIFICATION	1
17	030148	CABLE	PANEL TO ENGINE 8 PIN	1
18-1	033764	SWITCH	PUSHBUTTON START/PREHEAT	2
18-2	019031	CAP	SWITCH COVER REPLACEMENT	2
19	011917	METER	TACHOMETER-HOUR	1
20	036829	ALARM	ASSEMBLY	1
21	035825	WIRE	POWER TO METER LAMPS	3
22	039144	DIAGRAM	WIRING ENGINE	1
23	200362	PANEL	CAPTAIN	1
24	036590	METER	TACHOMETER	1
25	039828	PANEL	PLATE	1
26-1	036479	SWITCH	TEST	1
26-2	036490	CAP	SWITCH	1
27	013355	BUZZER	ALARM	1
28	030946	PLUG	NYLON	1
29-1	024947	LAMP	12VDC	3
29-2	036483	HOLDER	LAMP	3
30	036626	HARNESS	PANEL TO ENGINE 4 PIN	1
31	036627	HARNESS	PANEL TO ENGINE 8 PIN	1
32	036477	TERMINAL-DIODE	ASSEMBLY	1
33	038049	SPACER	TERMINAL-DIODE ASSEMBLY	2
34	039769	PLATE	UNIVERSAL LOGO	1
35	200360	DIAGRAM	WIRING ENGINE - CATALINA	1
36	036630	DRAWING	TEMPLATE TO INSTALL EITHER PANEL	1

NOTES

MISCELLANEOUS

Reference #	Part #	Part Name	Remarks	Quantity
1	200522	KIT A	M-25XPB, M-35B, M-40B SPARE PARTS	1
2-1	201038	KIT B	M-25XPB - EXTENDED CRUISE	1
2-2	201039	KIT B	M-35B - EXTENDED CRUISE	1
2-3	201040	KIT B	M-40B- EXTENDED CRUISE	1
3-1	201030	GASKET SET	UPPER - M-25XPB	1
3-2	201029	GASKET SET	COMPLETE - M-25XPB	1
3-3	201034	GASKET SET	UPPER - M-35B	1
4-1	201032	GASKET SET	COMPLETE- M-35B	1
4-2	201035	GASKET SET	UPPER - M-40B	1
4-3	201037	GASKET SET	COMPLETE - M-40B	1
5	032974	FILTER	PRIMARY FUEL SEPERATOR	1
6	015010	STRAINER	RAW WATER	1
7	033327	VALVE	ANTI-SIPHON	1
8	302981	PAINT	BLUE AEROSOL SPRAY CAN	1
9	201016	KIT	FUEL HARDWARE	1
10-1	030760	HARNESS	15 FT. PANEL EXTENSION 8 PIN	1
10-2	036557	HARNESS	15 FT. PANEL EXTENSION 4 PIN	1
11	040078	FILTER KIT	REMOTE LUBE OIL	1
13	200550	MANUAL	OPERATOR - UNIVERSAL "B" SERIES	1
14	200554	MANUAL	SERVICE - M-25XPB/M-35B/M-40B	1
15	024177	KIT	REMOTE FRESH WATER SURGE TANK	1

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