

PARTS LIST

MARINE DIESEL ENGINE

35C

35D

MARINE DIESEL GENERATORS

8.0 BTDA-60 Hz 6.0 BTDA-50 Hz

10.0 BTDA-60 Hz 7.5 BTDA-50 Hz

PUBLICATION NO. 048220

1ST Edition

March 2003



WESTERBEKE CORPORATION
150 JOHN HANCOCK ROAD
TAUNTON, MA 02780-7319 U.S.A.
WWW.WESTERBEKE.COM

PARTS LIST

MARINE DIESEL ENGINE

35C

35D

MARINE DIESEL GENERATORS

8.0 BTDA-60 Hz 6.0 BTDA-50 Hz

10.0 BTDA-60 Hz 7.5 BTDA-50 Hz

PUBLICATION NO. 048220

1ST Edition

March 2003



WESTERBEKE CORPORATION
150 JOHN HANCOCK ROAD
TAUNTON, MA 02780-7319 U.S.A.
WWW.WESTERBEKE.COM

Parts List

Westerbeke

7.5 BTDA	Generator
6.0 BTDA	Generator
8.0 BTDA	Generator
10.0 BTDA	Generator
35D	Propulsion
35C	Propulsion

Publication # 048220
Edition 1ST
MARCH 2003



Westerbeke Corporation
Myles Standish Industrial Park
150 John Hancock Rd.
Taunton, MA 02780-7319
www.westerbeke.com

IMPORTANT

Product Software Disclaimer

Product software of all kinds, such as brochures, drawing, technical data, operator's and workshop manuals, parts lists and parts price lists, and other information, instructions and specifications provided from sources other than Westerbeke, is not within Westerbeke's control and; accordingly, is provided to Westerbeke customers only as a courtesy and service. Westerbeke cannot be responsible for the content of such software, makes no warranties or representations with respect thereto, including the accuracy, timeliness or completeness thereof, and will in no event be liable for any type of damages or injury incurred in connection with, or arising out of, the furnishing or use of such software.

For example, components and subassemblies incorporated in Westerbeke's products and supplied by others (such as engine blocks, fuel systems and components, transmissions, electrical components, pumps and other products) are generally supported by their manufacturers with their own software, and Westerbeke must depend on such software for the design of Westerbeke's own product software. Such software may be outdated and no longer accurate. Routine changes made by Westerbeke's suppliers, of which Westerbeke rarely has notice in advance, are frequently not reflected in the supplier's software until after such changes take place.

Westerbeke customers should also keep in mind the time span between printings of Westerbeke product software and the unavoidable existence of earlier, non-current, Westerbeke software editions in the field. Additionally, most Westerbeke products include customer-requested special features that frequently do not include complete documentation.

In summation, product software provided with Westerbeke products, whether from Westerbeke or other suppliers, must not and cannot be relied upon exclusively as the definitive authority on the respective product. It not only makes good sense but is imperative that appropriate representatives of Westerbeke or the supplier in question be consulted to determine the accuracy and currency of the product software being consulted by the customer.

Table of Contents

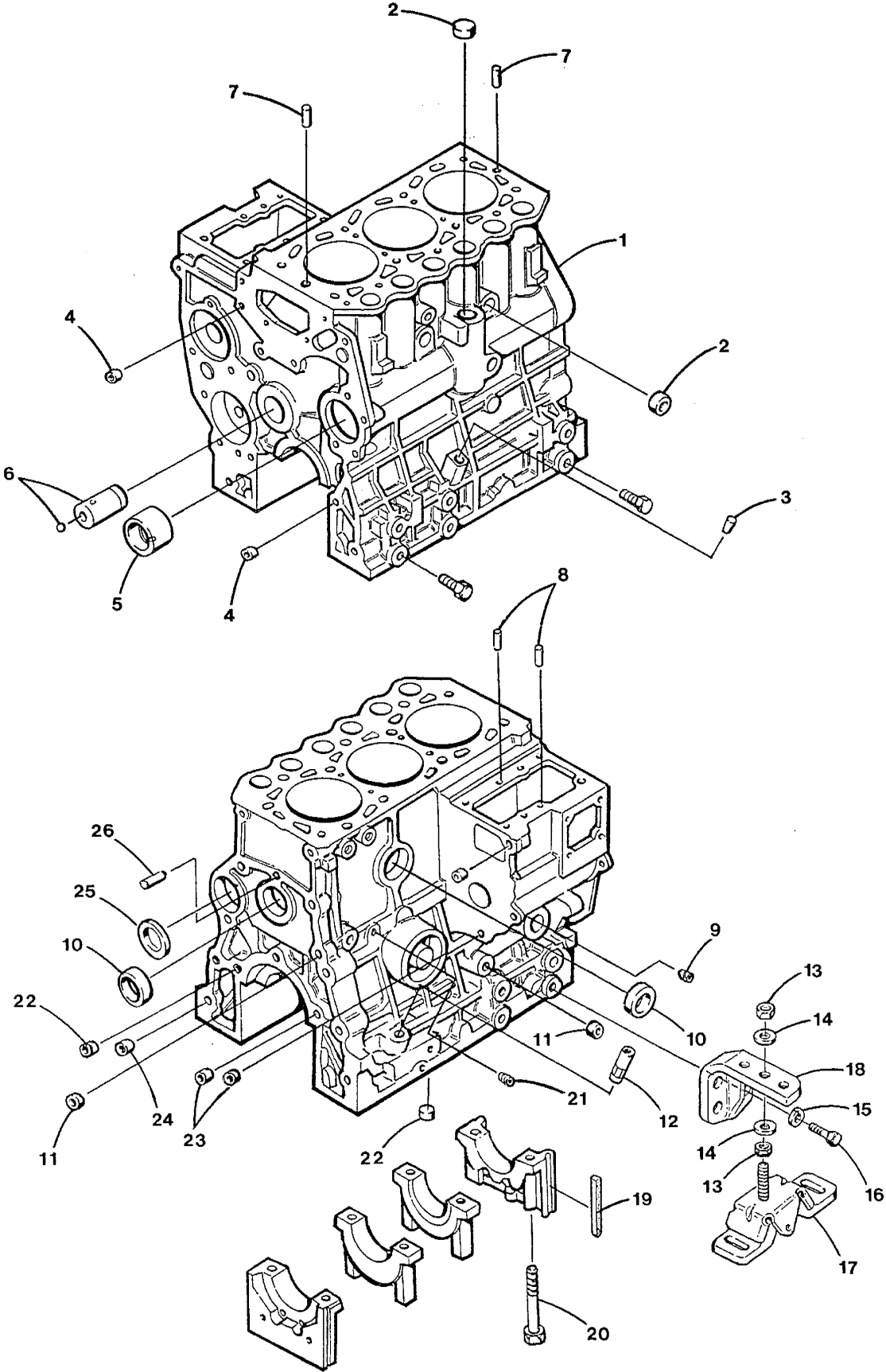
35 C/D MARINE DIESEL ENGINE
 8.0 BTDA - 60 HZ 6.0 BTDA - 50 HZ MARINE DIESEL GENERATORS
 10.0 BTDA - 60 HZ 7.5 BTDA - 50 HZ MARINE DIESEL GENERATORS

Model	Model Type	KW	Fuel	Frequency
10.0 BTDA	Generator		Diesel	60 Hz
8.0 BTDA	Generator		Diesel	60 Hz
35C	Propulsion		Diesel	
35D	Propulsion		Diesel	
6.0 BTDA	Generator		Diesel	50 Hz
7.5 BTDA	Generator		Diesel	50 Hz

Page	Description
2	CYLINDER BLOCK & CRANKCASE ASSEMBLY- 35C/D - 8.0 - 10.0 BTDA
4	CYLINDER HEAD - 35C/D - 8.0 - 10.0 BTDA
6	VALVE MECHANISM - 35C/D - 8.0 - 10.0 BTDA
8	ROCKER COVER & CAMSHAFT - 35C/D - 8.0 - 10.0 BTDA
10	CRANKCASE - 35C/D - 8.0 - 10.0 BTDA
12	PISTONS & CRANKSHAFT - 35C/D - 8.0 - 10.0 BTDA
14	TIMING GEAR CASE ASSEMBLY - 35C/D - 8.0 - 10.0 BTDA
16	INLET MANIFOLD & AIR INTAKE SILENCER - 35C/D - 8.0-10.0 BTDA
18	OIL SYSTEM - 35C/D - 8.0 - 10.0 BTDA
20	OIL PUMP - 35C/D - 8.0 - 10.0 BTDA
22	OIL COOLER ASSEMBLY & FILTER - 35C/D - 8.0 - 10.0 BTDA
24	REMOTE LUBE OIL FILTER ASSY - 35C/D - 8.0 - 10.0 BTDA
26	FUEL SYSTEM & NOZZLE ASSEMBLY - 35C/D - 8.0 - 10.0 BTDA
28	FUEL SYSTEM & NOZZLE ASSEMBLY - 35C/D - 8.0 - 10.0 BTDA
30	FUEL LIFT PUMP & FUEL FILTER - 35C/D
32	FUEL LIFT PUMP & FUEL FILTER - 8.0 - 10.0 BTDA
34	THROTTLE ASSEMBLY - 35C/D
36	GOVERNOR ASSEMBLY - 35C/D - 8.0 - 10.0 BTDA
38	GOVERNOR ASSEMBLY - 35C/D - 8.0 - 10.0 BTDA
40	EXHAUST MANIFOLD & HEAT EXCHANGER - 35C/D
42	EXHAUST MANIFOLD & HEAT EXCHANGER - 8.0 - 10.0 BTDA
44	RECOVERY COOLANT TANK & EXHAUST ELBOWS- 35C/D- 8.0-10.0 BTD
46	THERMOSTAT & FRESH WATER PUMP - 35C/D - 8.0 - 10.0 BTDA
48	RAW WATER PUMP - 35C/D - 8.0 - 10.0 BTDA
50	ALTERNATOR ASSEMBLY - 50/72/90 AMP - 35C/D - 8.0 - 10.0 BTDA
52	ELECTRICAL SYSTEM - 35C/D
54	PROPULSION INSTRUMENT PANEL - 35C/D
56	HBW (HURTH) TRANSMISSION - 35C/D
58	HBW (HURTH) TRANSMISSION - 35C/D
60	JS TRANSMISSION - 35C/D
62	BW7 TRANSMISSION - 35C/D
64	BW7 & JS TRANSMISSION SHIFTING BRACKET - 35C/D
66	ELECTRICAL SYSTEM - 8.0 - 10.0 BTDA
68	ELECTRICAL SYSTEM - 8.0 - 10.0 BTDA
70	CONTROL PANEL - 8.0 - 10.0 BTDA
72	CONTROL PANEL - 8.0 - 10.0 BTDA

74	CONTROL PANEL - ELECTRONIC GOVERNOR - 8.0 - 10.0 BTDA
76	CONTROL PANEL - ELECTRONIC GOVERNOR - 8.0 - 10.0 BTDA
78	GENERATOR START/STOP PANELS - 8.0 - 10.0 BTDA
80	MOUNTING ASSEMBLY - 8.0 - 10.0 BTDA
82	BACK END - 8.0 - 10.0 BTDA
84	BACK END - 8.0 - 10.0 BTDA
86	AC OUTPUT & REGULATOR - SINGLE PHASE - 8.0 BTDA
88	AC OUTPUT & REGULATOR - SINGLE PHASE - 10.0 BTDA
90	AC OUTPUT & REGULATOR - THREE PHASE - 10.0 BTDA
92	CIRCUIT BREAKER ASSEMBLY - 8.0 BTDA
94	CIRCUIT BREAKER ASSEMBLY - 10.0 BTDA
96	SOUND GUARD ASSEMBLY - 8.0 - 10.0 BTDA
98	BELT GUARD ASSEMBLY - 8.0 - 10.0 BTDA
100	MISCELLANEOUS AND EXTRA AVAILABLE OPTIONS

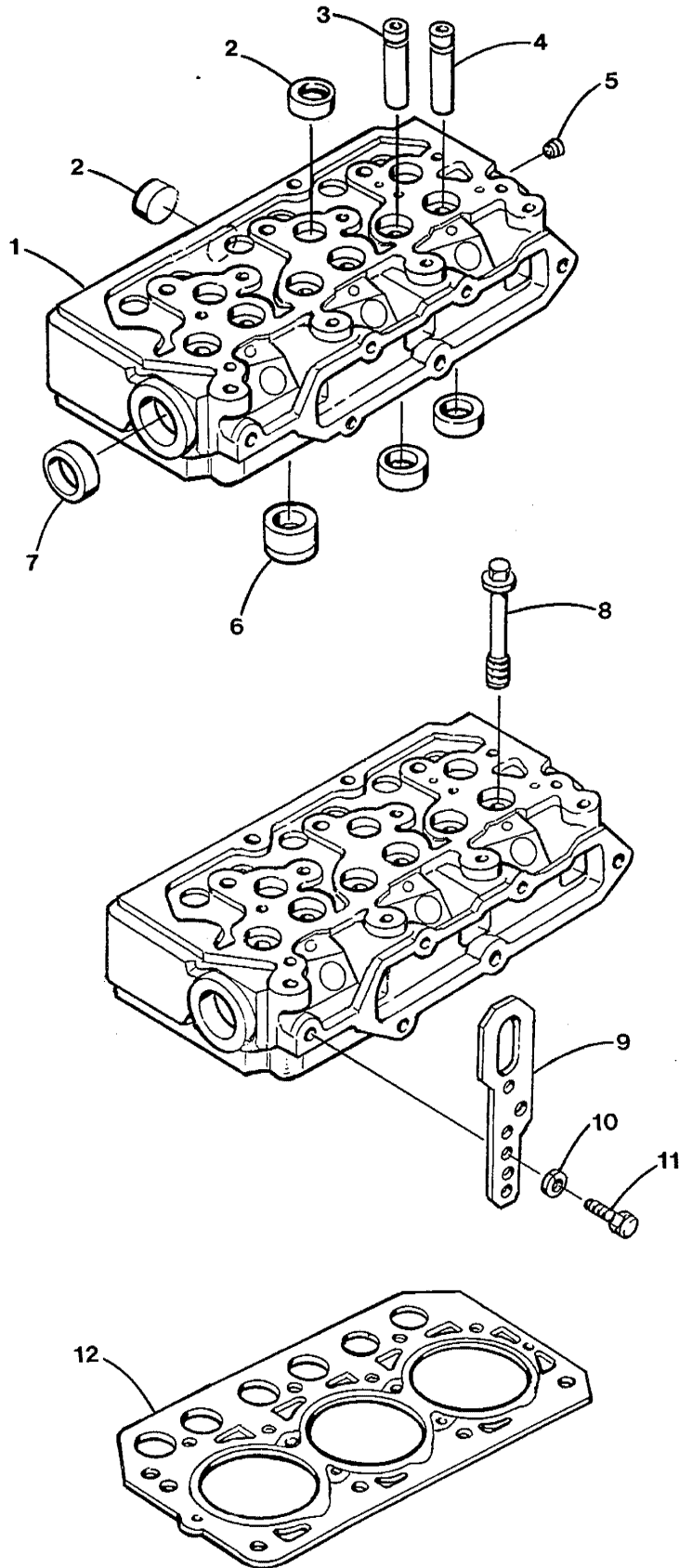
CYLINDER BLOCK & CRANKCASE ASSEMBLY- 35C/D - 8.0 - 10.0 BTDA



CYLINDER BLOCK & CRANKCASE ASSEMBLY- 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1-1	048219	ENGINE	BLOCK ASSEMBLY - 35D	1
1-2	044084	ENGINE	BLOCK ASSEMBLY - 8.0 - 10.0 BTDA	1
2	037653	PLUG	EXPANSION 22MM DIN 443	4
3	045396	PLUG	TAPER	1
4	030707	DOWEL	TUBULAR 8 X 13	2
5	045193	BUSHING	CAMSHAFT	1
6	045213	SHAFT	IDLER GEAR	1
7	045394	DOWEL		2
8	036943	DOWEL		2
9	030711	PLUG	1/8 BSPT - PROP ONLY	1
10	024349	PLUG	EXPANSION 35MM DIN 443	2
11	045397	PLUG	EXPANSION 14MM DIN 443	3
12	046909	TUBE	DIPSTICK	1
13	040966	NUT	JAM M16 SELF-LOCKING	2
14	031828	WASHER	FLAT 5/8	2
15	031792	LOCKWASHER	M12 DIN 127	8
16	032014	CAPSCREW	M12 X 1.25 X 30 JIS	4
17	040510	ISOLATOR	PROPOPULSION	4
18-1	042030	MOUNT	REAR LEFT - PROP - SEE PAGE 58	1
18-2	042032	MOUNT	REAR RIGHT - PROP - SEE PAGE 58	1
18-3	042235	MOUNT	FRONT - PROP	2
19	045197	SEAL	SIDE	4
20	045191	BOLT	MAIN BEARING CAP	8
21	030711	PLUG	1/8 BSPT	1
22	033625	PLUG	EXPANSION 12MM DIN 443	1
23	030706	DOWEL	TUBULAR	4
24	030709	DOWEL	TUBULAR	1
25	030286	PLUG	EXPANSION 40MM DIN 470	1
26	030272	DOWEL		1

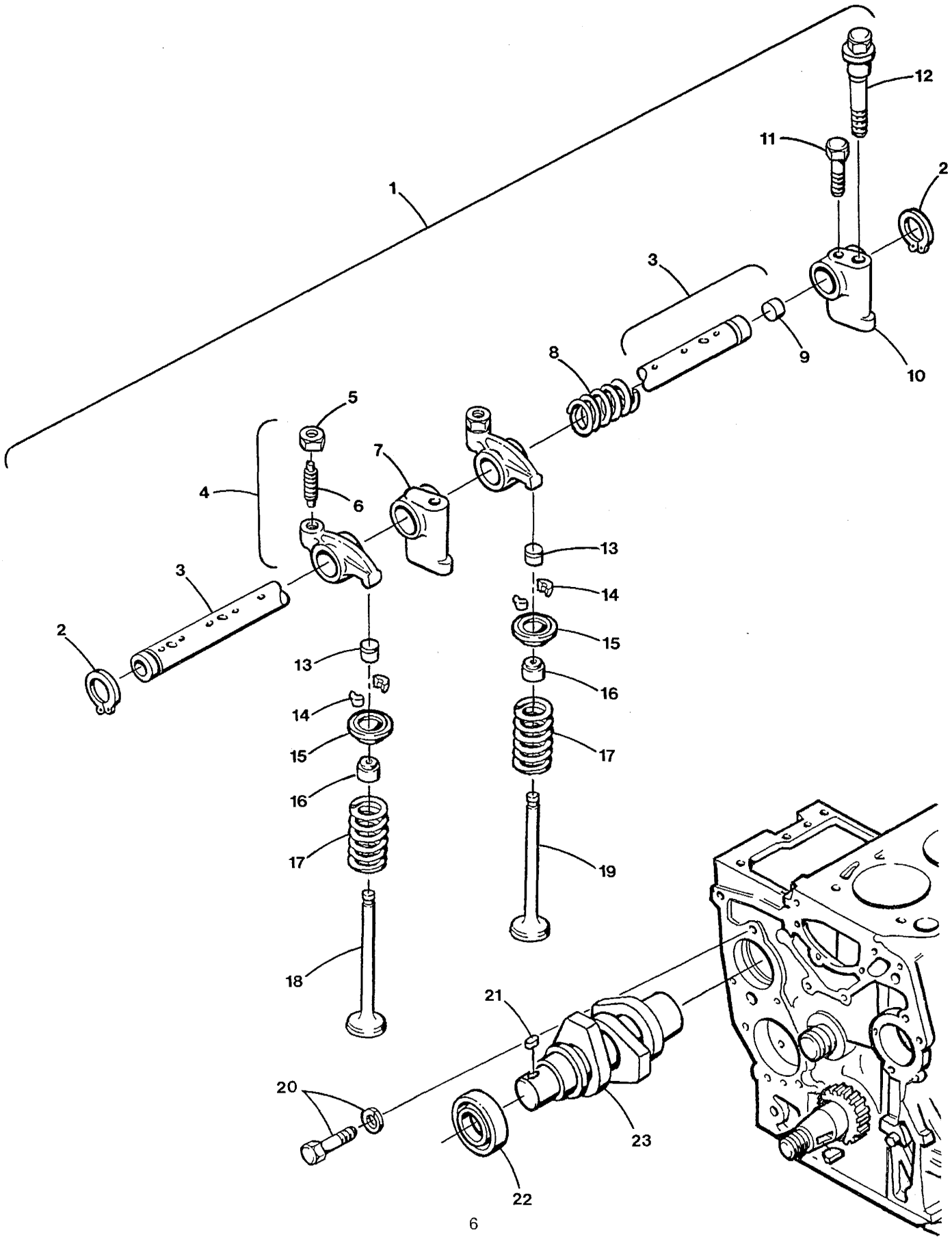
CYLINDER HEAD - 35C/D - 8.0 - 10.0 BTDA



CYLINDER HEAD - 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1-1	048096	HEAD	CYLINDER - GENSET	1
1-2	048095	HEAD	CYLINDER - 35C/D	1
2	024373	PLUG	EXPANSION 25MM	5
3	045173	GUIDE	VALVE EXHAUST	3
4-1	045174	GUIDE	VALVE INTAKE - PROP	3
4-2	048091	GUIDE	VALVE INTAKE - GENSET	3
5	030711	PLUG	1/8 BSPT	1
6-1	045178	INSERT	COMBUSTION - PROP	3
6-2	047127	INSERT	COMBUSTION - GENSET	3
7	024349	PLUG	EXPANSION 35MM DIN 443	1
8	045175	BOLT	CYLINDER HEAD	11
9-1	030131	EYE	LIFTING - PROP	1
9-2	030131	EYE	LIFTING - GENSET	2
10-1	019262	LOCKWASHER	M10 DIN 127 - PROP	2
10-2	019262	LOCKWASHER	M10 DIN 127 - GENSET	4
11-1	024951	CAPSCREW	M10 X 1.25 X 20 DIN 961 - PROP	2
11-2	024951	CAPSCREW	M10 X 1.25 X 20 DIN 961 - GENSET	4
12	046914	GASKET	CYLINDER HEAD	1

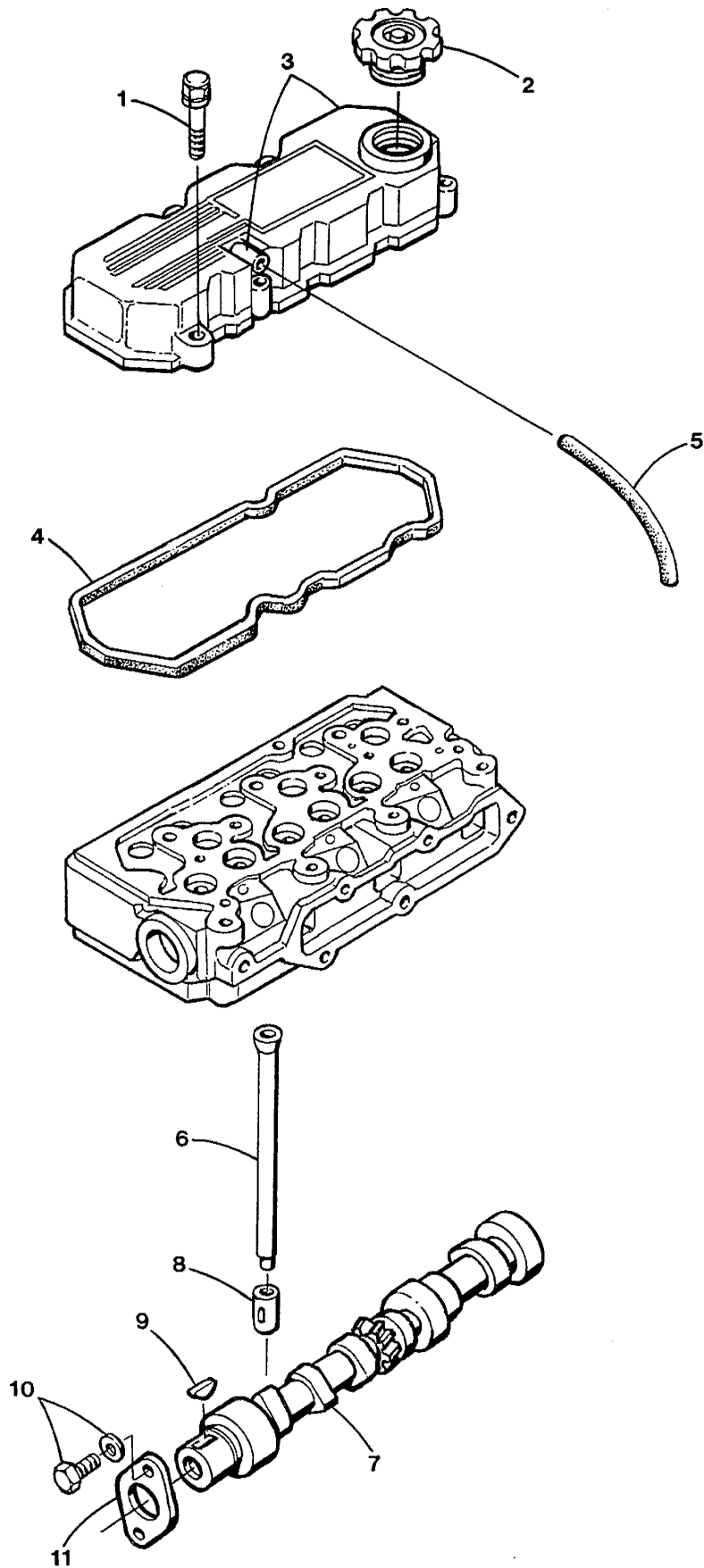
VALVE MECHANISM - 35C/D - 8.0 - 10.0 BTDA



VALVE MECHANISM - 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	048097	SHAFT	ROCKER ASSY	1
2	030279	RING	RETAINING	2
3	048098	SHAFT	ROCKER	1
4	045183	ROCKER		6
5	031802	NUT	M8 DIN 936 JAM	6
6	045270	SCREW	ROCKER ADJUSTING	6
7	045277	BRACKET	ROCKER SHAFT	2
8	045273	SPRING	ROCKER SHAFT	2
9	045170	PLUG	EXPANSION	1
10	045188	BRACKET	ROCKER	1
11	039336	CAPSCREW	M5 X 12 DIN 933	1
12	045274	BOLT	ROCKER BRACKET	3
13	045181	CAP	VALVE	6
14	030241	COLLET	VALVE	12
15	033149	SEAT	VALVE SPRING	6
16	030242	SEAL	VALVE STEM	6
17	045182	SPRING	VALVE	6
18-1	048093	VALVE	EXHAUST - GENSET	3
18-2	045180	VALVE	EXHAUST - PROP	3
19-1	048092	VALVE	INTAKE - GENSET	3
19-2	045179	VALVE	INTAKE - PROP	3
20	035792	CAPSCREW	M8 X 16 JIS 6 W/LW	1
21	030273	KEY	5 X 12	1
22	030434	BEARING	BALL	1
23	048114	CAMSHAFT	INJECTION PUMP	1

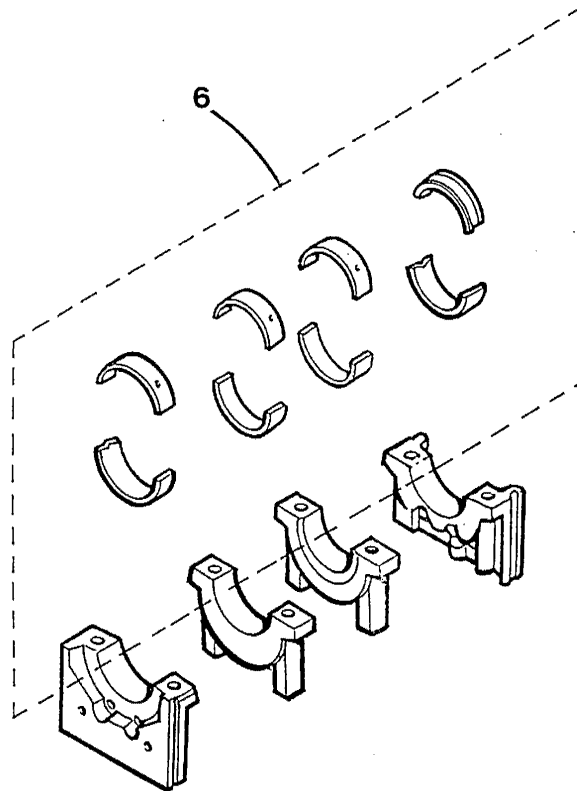
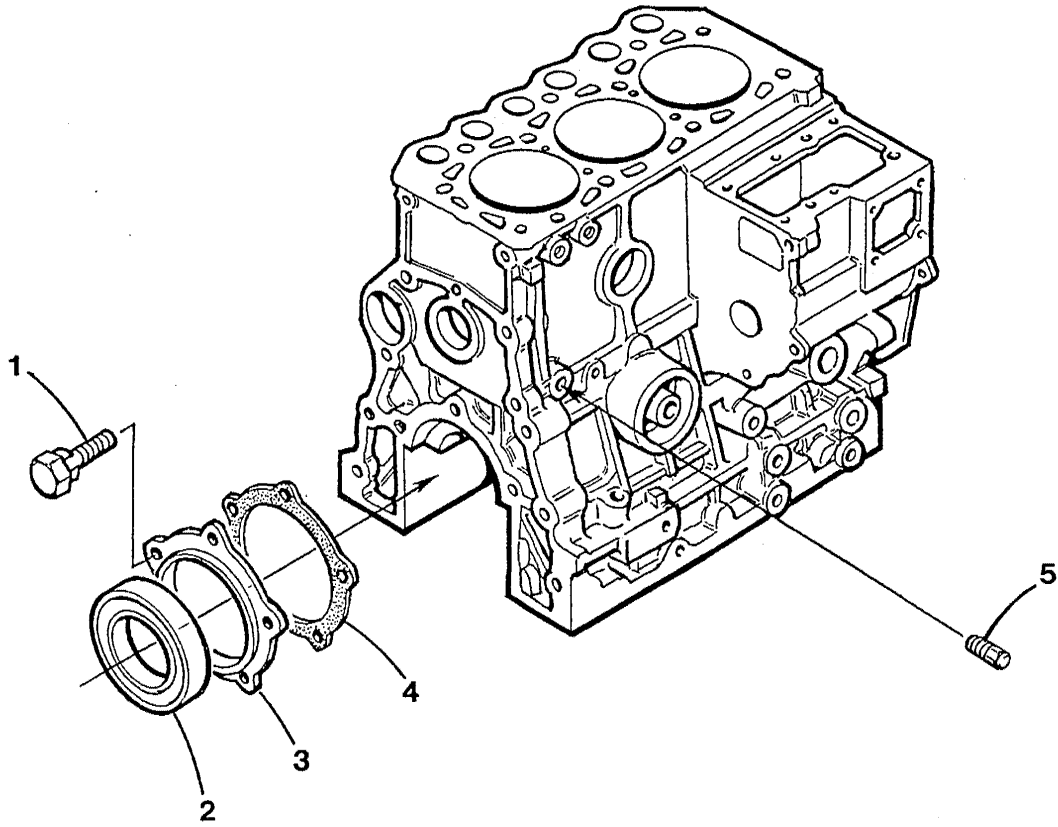
ROCKER COVER & CAMSHAFT - 35C/D - 8.0 - 10.0 BTDA



ROCKER COVER & CAMSHAFT - 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	035796	CAPSCREW	M8 X 40 JIS 6 W/LW	4
2	030237	CAP	OIL FILL TOP	1
3	048099	COVER	ROCKER	1
4	046915	GASKET	ROCKER COVER	1
5	036045	HOSE	BREATHER - INCHES REQUIRED	6
6	045190	PUSHROD		6
7-1	048100	CAMSHAFT	35C - 8.0 - 10.0 BTDA	1
7-2	048332	CAMSHAFT	35D	1
8	030361	TAPPET		6
9	030275	KEY	WOODRUFF	1
10	035792	CAPSCREW	M8 X 16 JIS 6 W/LW	2
11	034265	PLATE	CAMSHAFT THRUST	1

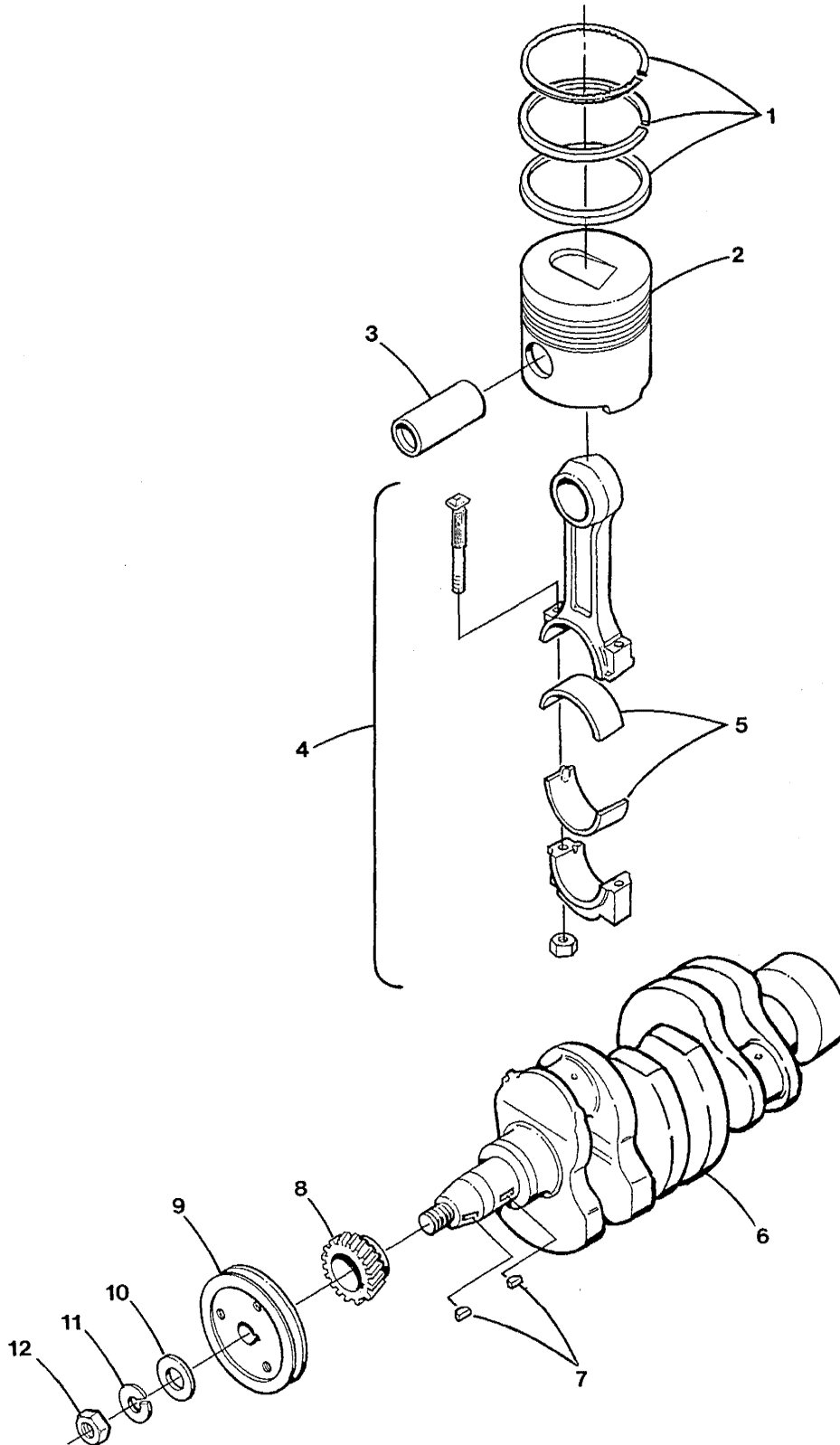
CRANKCASE - 35C/D - 8.0 - 10.0 BTDA



CRANKCASE - 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	017196	CAPSCREW	M8 X 20 DIN 933	5
2	030395	SEAL	OIL	1
3	045194	FLANGE	REAR OIL SEAL	1
4	045195	GASKET	OIL SEAL FLANGE	1
5	045395	PLUG	1/4 BSPT HEX HEAD - GENSET ONLY	1
6-1	030479	BEARING	SET- MAIN - STD	1
6-2	030480	BEARING	SET- MAIN - 0.25	1
6-3	030481	BEARING	SET- MAIN - 0.50	1
6-4	030482	BEARING	SET- MAIN - 0.75	1

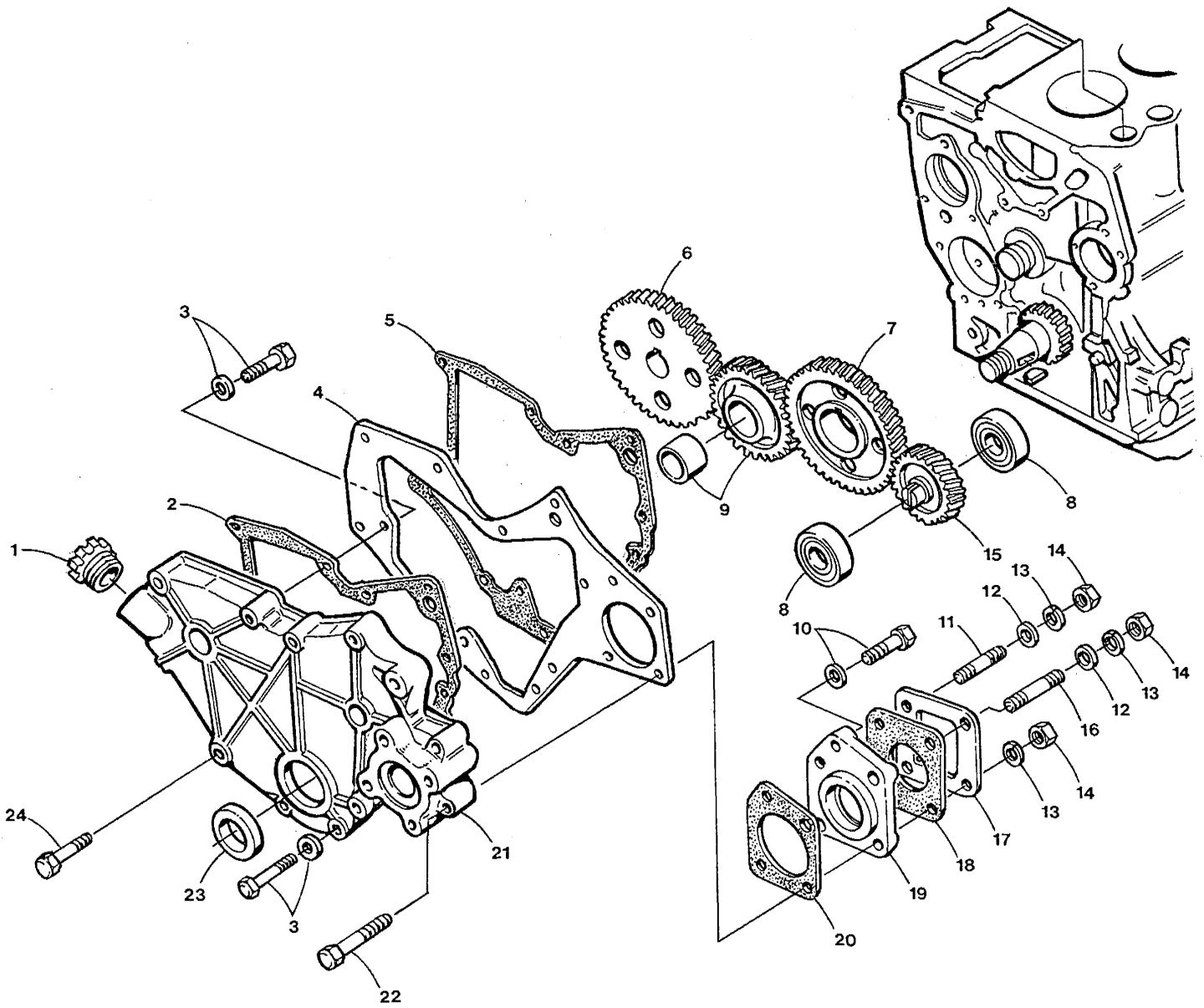
PISTONS & CRANKSHAFT - 35C/D - 8.0 - 10.0 BTDA



PISTONS & CRANKSHAFT - 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1-1	045204	RING SET	STD - PROP	3
1-2	045205	RING SET	0.25 - PROP	3
1-3	045206	RING SET	0.50 - PROP	3
1-4	046911	RING SET	STD - GENSET	3
1-5	046912	RING SET	0.25 - GENSET	3
1-6	046913	RING SET	0.50 - GENSET	3
2-1	045207	PISTON	STD - PROP	3
2-2	045208	PISTON	0.25 - PROP	3
2-3	045209	PISTON	0.50 - PROP	3
2-4	047131	PISTON	STD - GENSET	3
2-5	047132	PISTON	0.25 - GENSET	3
2-6	047133	PISTON	0.50 - GENSET	3
3	045210	PIN	PISTON	3
4	048102	ROD	CONNECTING	3
5-1	047012	BEARING SET	ROD - STD	3
5-2	045167	BEARING SET	ROD - 0.25	3
5-3	045168	BEARING SET	ROD - 0.50	3
5-4	045169	BEARING SET	ROD - 0.75	3
6	048103	CRANKSHAFT		1
7	030275	KEY	WOODRUFF	2
8	045216	GEAR	CRANKSHAFT	1
9	048104	PULLEY	CRANKSHAFT	1
10	032175	WASHER	FLAT M18	1
11	032176	LOCKWASHER	M18	1
12	032172	NUT	M18	1

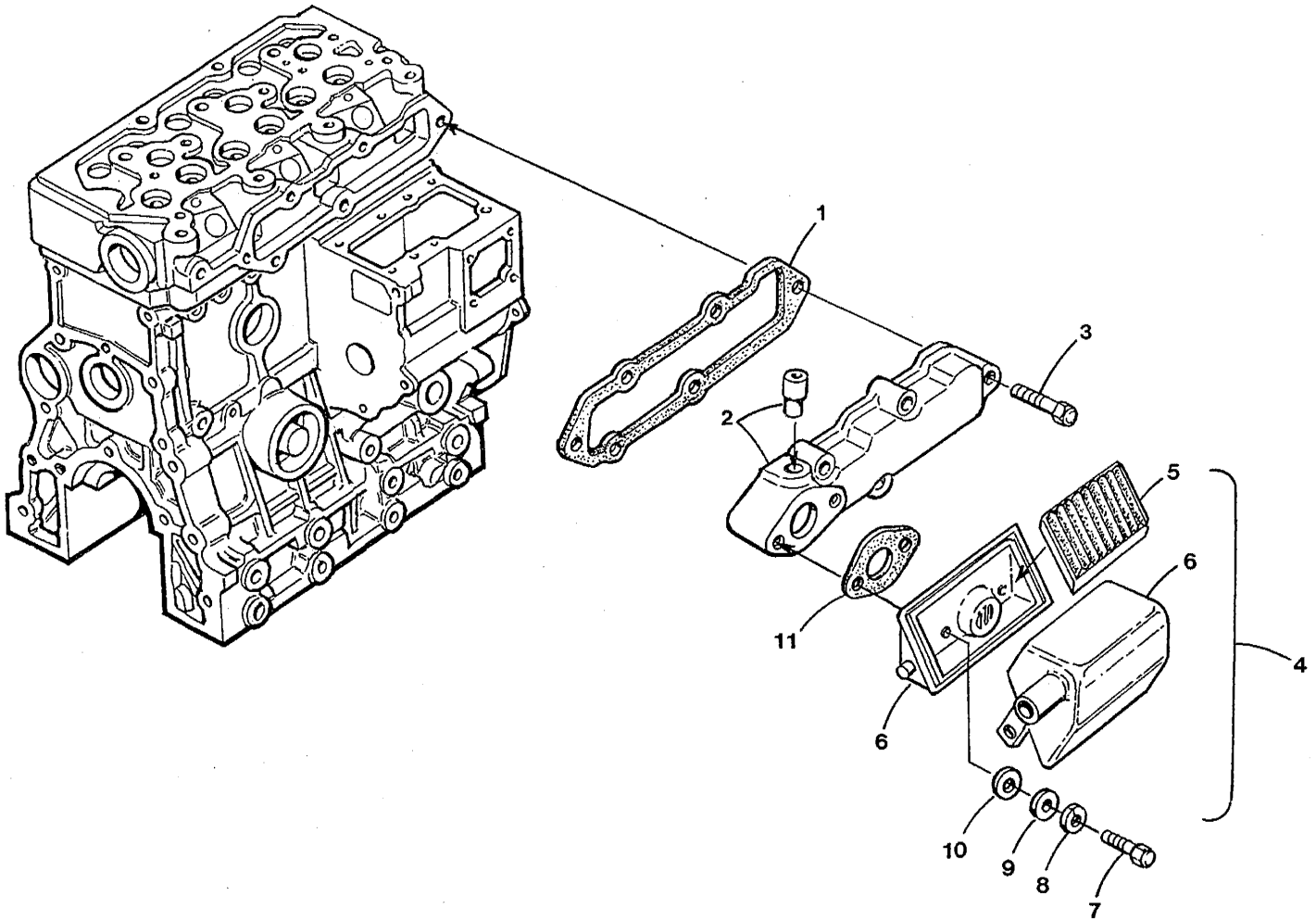
TIMING GEAR CASE ASSEMBLY - 35C/D - 8.0 - 10.0 BTDA



TIMING GEAR CASE ASSEMBLY - 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	041487	CAP	OIL FILLER - PUSH IN	1
2	045202	GASKET	TIMING CASE TO PLATE	1
3	035792	CAPSCREW	M8 X 16 JIS 6 W/LW	9
4	045198	PLATE	FRONT	1
5	045196	GASKET	FRONT PLATE	1
6	045214	GEAR	INJECTION PUMP DRIVE	1
7	045217	GEAR	CAMSHAFT	1
8	030198	BEARING	BALL	2
9	045215	GEAR	IDLER WITH BUSHING	1
10	035794	CAPSCREW	M8 X 30 JIS 6 W/LW	1
11	015828	STUD	M8 X 22 DIN 939	1
12	031787	WASHER	M8 DIN 125	4
13	031786	LOCKWASHER	M8 DIN 127	4
14	018242	NUT	M8 DIN 934	4
15	045218	GEAR	OIL PUMP DRIVE	1
16	031281	STUD	M8 X 40 DIN 939	1
17	030203	COVER	OIL PUMP	1
18	030326	GASKET	OIL PUMP COVER	1
19	045199	HOUSING	BEARING-OIL PUMP GEAR	1
20	045200	GASKET	BEARING HOUSING	1
21	045201	CASE	TIMING	1
22	299981	CAPSCREW	M8 X 70 JIS	2
23	030209	SEAL	OIL	1
24	024948	CAPSCREW	M8 X 45 DIN 931	8

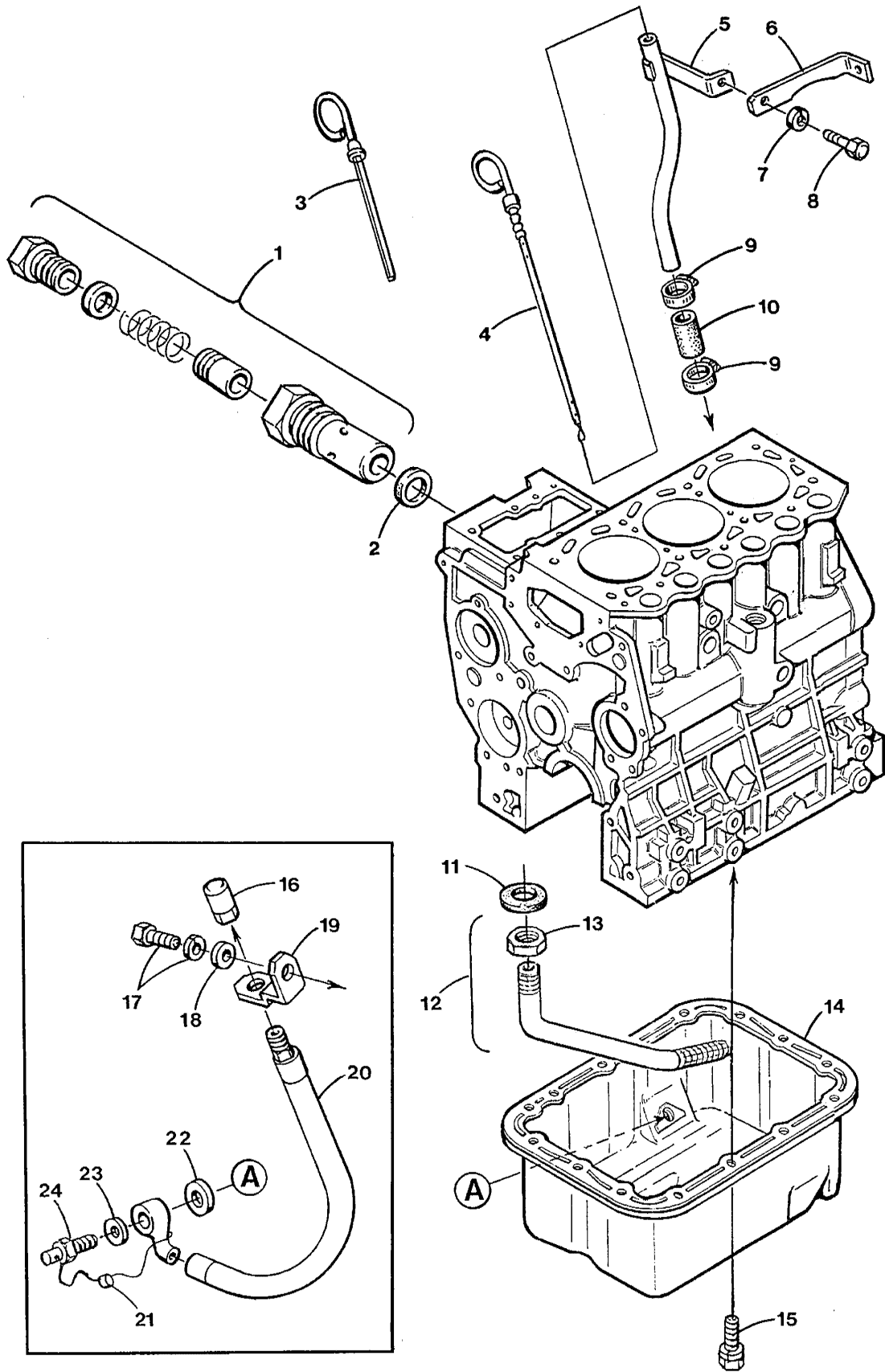
INLET MANIFOLD & AIR INTAKE SILENCER - 35C/D - 8.0-10.0 BTDA



INLET MANIFOLD & AIR INTAKE SILENCER - 35C/D - 8.0-10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	046916	GASKET	INTAKE MANIFOLD	1
2	048105	MANIFOLD	INTAKE	1
3	035795	CAPSCREW	M 8 X 35 JIS 6 W/LW	5
4	043823	HOUSING	AIR INTAKE/FILTER - INCL. REF #S 5 & 6	1
5	039705	FILTER	AIR	1
6	044723	HOUSING	AIR INTAKE- 2 PIECES	1
7-1	017196	CAPSCREW	M8 X 20 DIN 933	1
7-2	031225	CAPSCREW	M8 X 60 DIN 931	1
8	031786	LOCKWASHER	M8 DIN 127	2
9	031787	WASHER	M8 DIN 125	2
10	043882	WASHER	SILENCER ANTI-CRUSH	2
11	044324	GASKET	AIR FILTER TO MANIFOLD	1

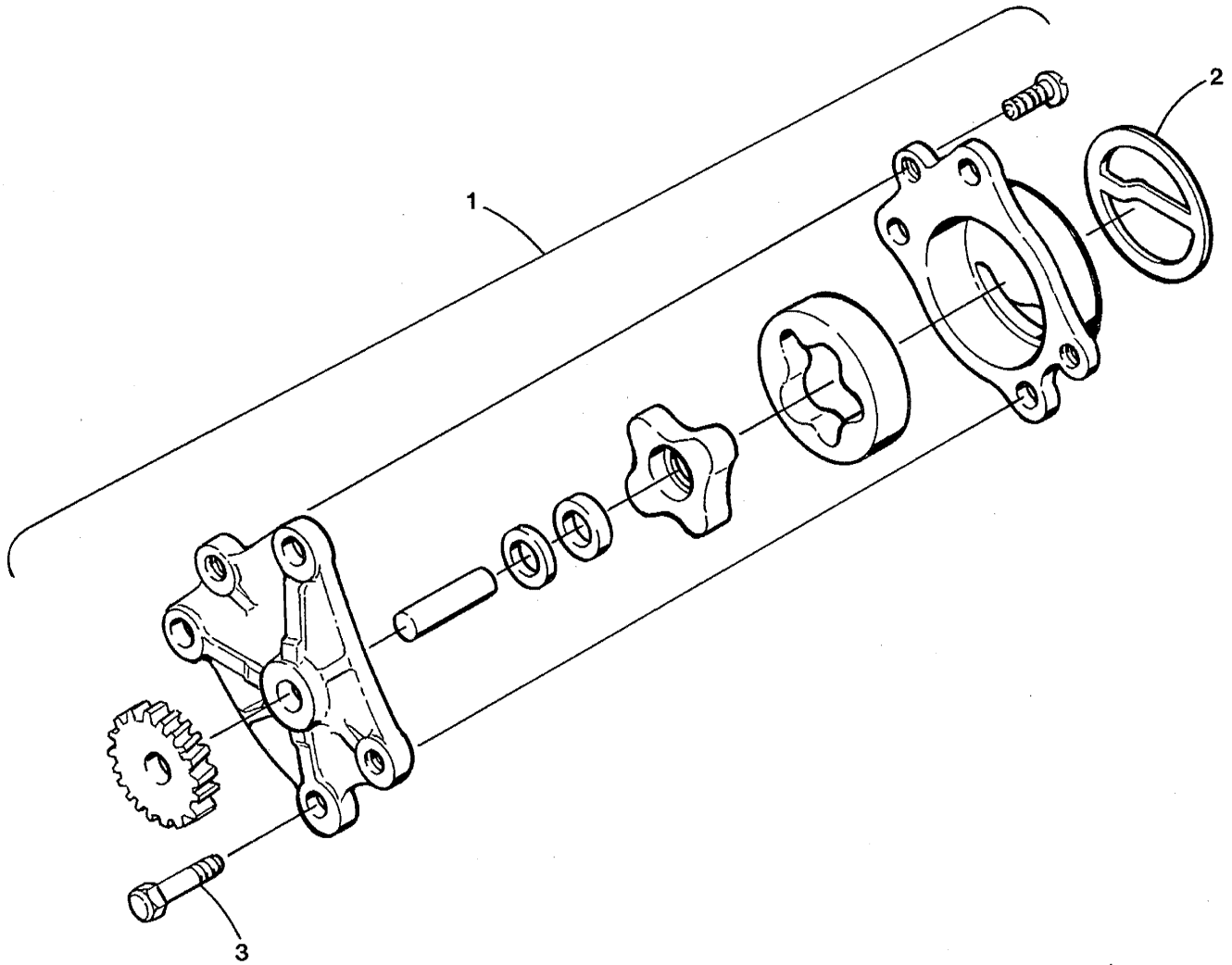
OIL SYSTEM - 35C/D - 8.0 - 10.0 BTDA



OIL SYSTEM - 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	045225	VALVE	OIL RELIEF	1
2	046908	GASKET	OIL RELIEF VALVE	1
3	045230	DIPSTICK		1
4-1	044256	DIPSTICK	OPTIONAL - PROP	1
4-2	044066	DIPSTICK	OPTIONAL - GENSET	1
5-1	044255	TUBE	DIPSTICK OPTIONAL EXTEND - PROP	1
5-2	043762	TUBE	DIPSTICK OPTIONAL EXTEND - GENSET	1
6	044074	BRACKET	SUPPORT LIFT PUMP/FILTER	1
7	019262	LOCKWASHER	M10 DIN 127	1
8	024952	CAPSCREW	M10 X 1.25 X 25 DIN 961	1
9	024906	CLAMP	HOSE 04 MINI	2
10	036045	HOSE	INCHES REQUIRED	2
11	033280	WASHER	OIL PICKUP	1
12	048094	STRAINER	OIL PICKUP	1
13	040966	NUT	JAM M16, SELF-LOCKING	1
14	048101	SUMP	OIL	1
15	035792	CAPSCREW	M8 X 16 JIS 6 W/LW	15
16	024905	CAP	1/4 NPT BRASS	1
17	035792	CAPSCREW	M8 X 16 JIS 6 W/LW	1
18	031787	WASHER	M8 DIN 125	1
19	024922	BRACKET	SUMP DRAIN HOSE	1
20	043904	HOSE	SUMP DRAIN	1
21	037393	SEAL	LEAD WIRE	1
22	030291	WASHER	BANJO M14	1
23	036493	WASHER	BANJO	1
24	036821	BOLT	BANJO-SUMP DRAIN HOSE	1

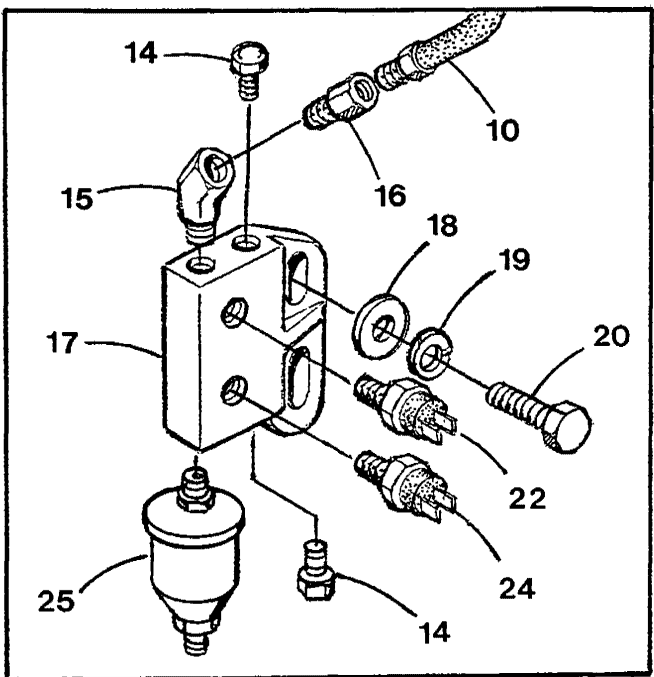
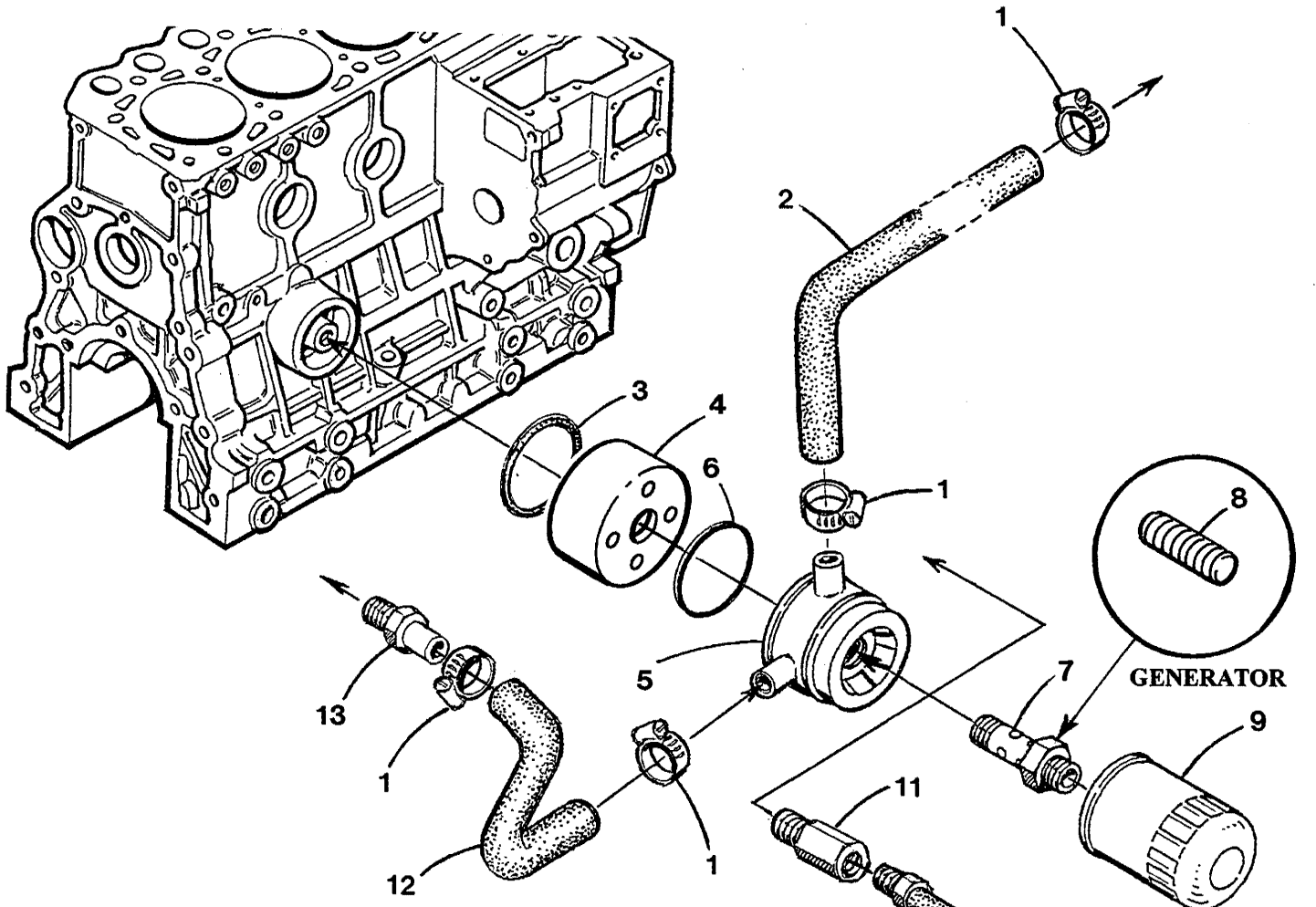
OIL PUMP - 35C/D - 8.0 - 10.0 BTDA



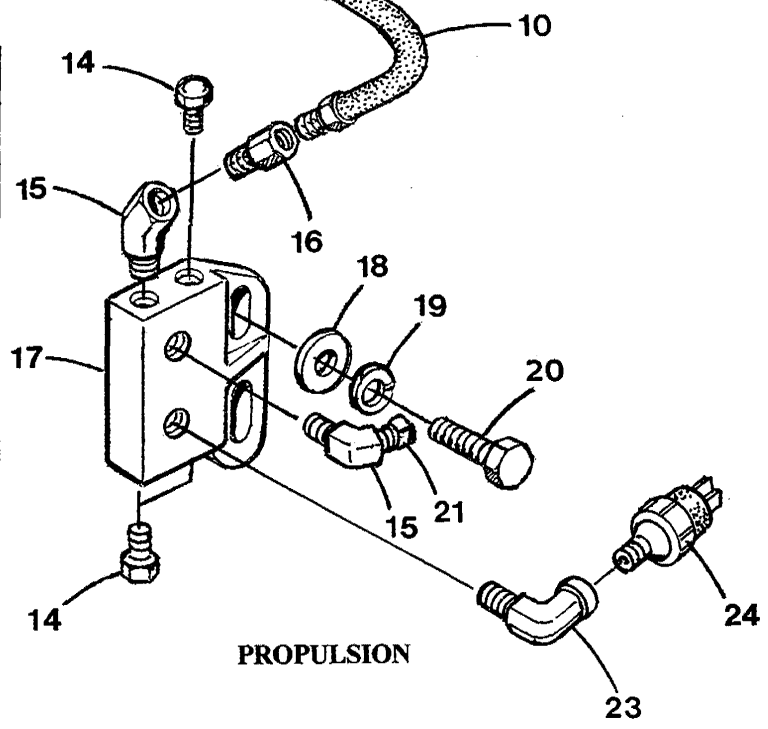
OIL PUMP - 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	045224	PUMP	OIL	1
2	045223	GASKET	OIL PUMP	1
3	299527	CAPSCREW	M8 X 22 JIS	3

OIL COOLER ASSEMBLY & FILTER - 35C/D - 8.0 - 10.0 BTDA



GENERATOR

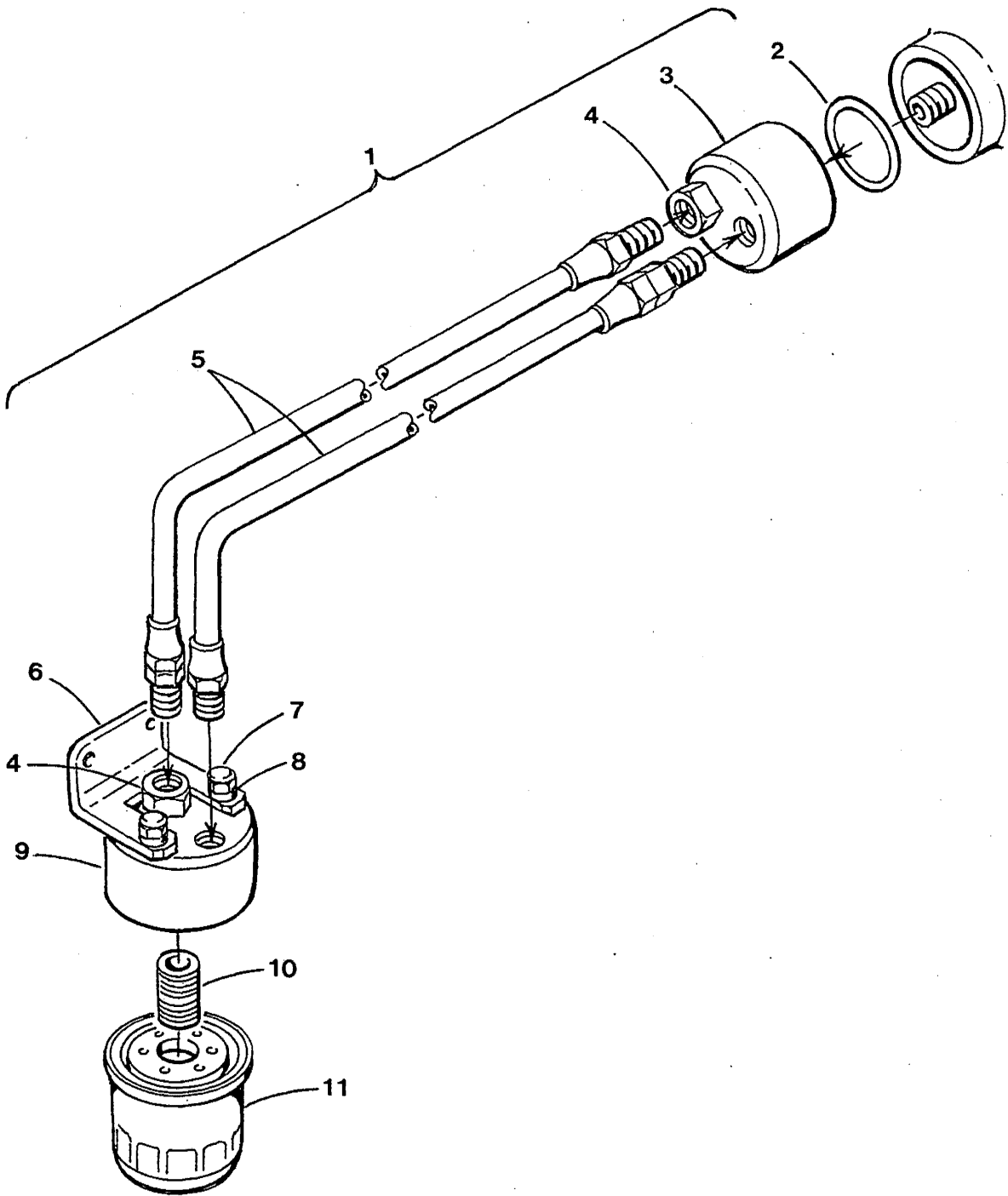


PROPULSION

OIL COOLER ASSEMBLY & FILTER - 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	017298	CLAMP	HOSE	4
2	046919	HOSE	OIL COOLER TO FRESH WATER PUMP	1
3	046297	O-RING	OIL COOLER	1
4	048106	SPACER	OIL COOLER	1
5	046295	COOLER	OIL INCL REF # 6	1
6	045275	O-RING	OIL COOLER	1
7	048107	BOLT	OIL COOLER	1
8	047123	NIPPLE	OIL FILTER - GENSET ONLY	1
9	036918	FILTER	LUBE OIL	1
10-1	039385	HOSE	OIL - PROP	1
10-2	040907	HOSE	OIL - GENSET	1
11	024844	ADAPTER	1/8 BSPT TO 1/8 NPT	1
12	045269	HOSE	BLOCK TO OIL COOLER	1
13	045228	CONNECTOR	HOSE TO BLOCK	1
14	019369	PLUG	1/8NPT HEX HEAD BRASS	4
15-1	015122	ELBOW	1/8NPT45 STREET STEEL - GENSET	1
15-2	013340	ELBOW	1/8NPT 90 STREET BRASS - PROP	3
16-1	015289	ADAPTER	MALE 1/8NPT X 5/16 - GENSET	1
16-2	013339	ADAPTER	1/8NPT - PROP	1
17	043902	HEADER	OIL PRESSURE SENDER AND SWITCHES	1
18	031793	WASHER	M12 DIN 125	2
19	031792	LOCKWASHER	M12 DIN 127	2
20	024959	CAPSCREW	M12 X 1.25 X 25 DIN 961	2
21	011615	PLUG	1/8NPT STEEL (WHEN SENDER NOT INSTALL)	1
22	011552	SWITCH	OIL PRESSURE - AUXILARY	1
23	011984	ELBOW	1/8NPT 90 STREET STEEL	1
24	037323	SWITCH	OIL PRESSURE	1
25-1	024132	SENDER	OIL PRESSURE 100 PSI 12 VDC	1
25-2	042161	SENDER	OIL PRESSURE 80 PSI 24 VDC	1
25-3	011916	SENDER	OIL PRESSURE 150 PSI UNGND	1
25-4	024975	SENDER	OIL PRESSURE 100 PSI DUAL PANEL	1
25-5	034911	SENDER	OIL PRESSURE 150 PSI DUAL PANEL UNGND	1

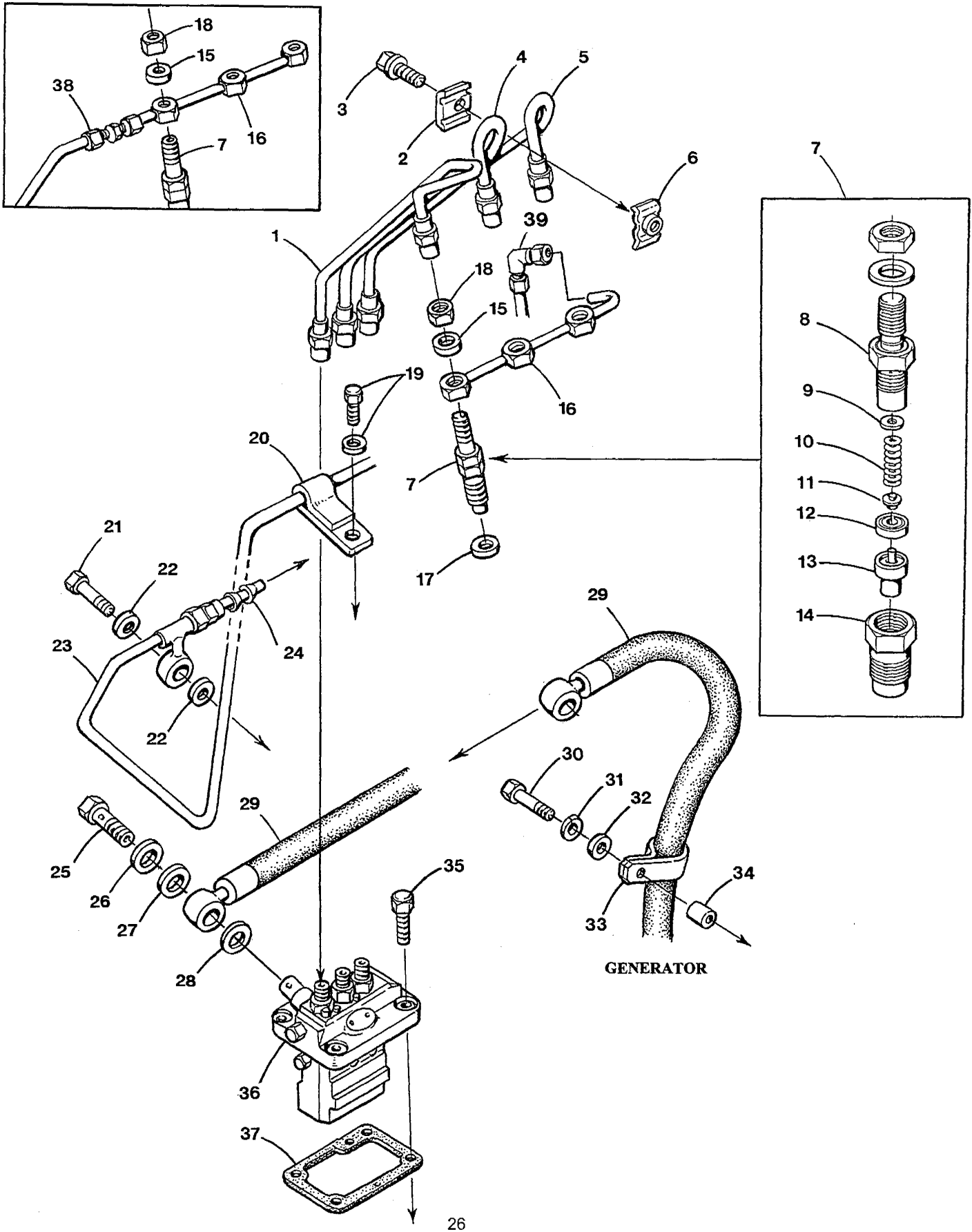
REMOTE LUBE OIL FILTER ASSY - 35C/D - 8.0 - 10.0 BTDA



REMOTE LUBE OIL FILTER ASSY - 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	040078	FILTER KIT	REMOTE LUBE OIL - INCL. REF #S 2 THRU 12	1
2	302842	O-RING		1
3	040075	ADAPTER	REMOTE OIL FILTER	1
4	013348	CONNECTOR	HOSE	2
5	011925	HOSE	OIL 40-1/4" LG	2
6	040074	BRACKET	REMOTE OIL FILTER	1
7	031503	CAPSCREW	1/4 NC X 3/4	2
8	031752	LOCKWASHER	1/4 SPLIT MED STEEL	2
9	040073	ADAPTER	REMOTE OIL FILTER	1
10	034663	NIPPLE	OIL FILTER TO ADAPTER	1
11	036918	FILTER	LUBE OIL	1
12	040076	DGINSTALL	REMOTE OIL FILTER	1

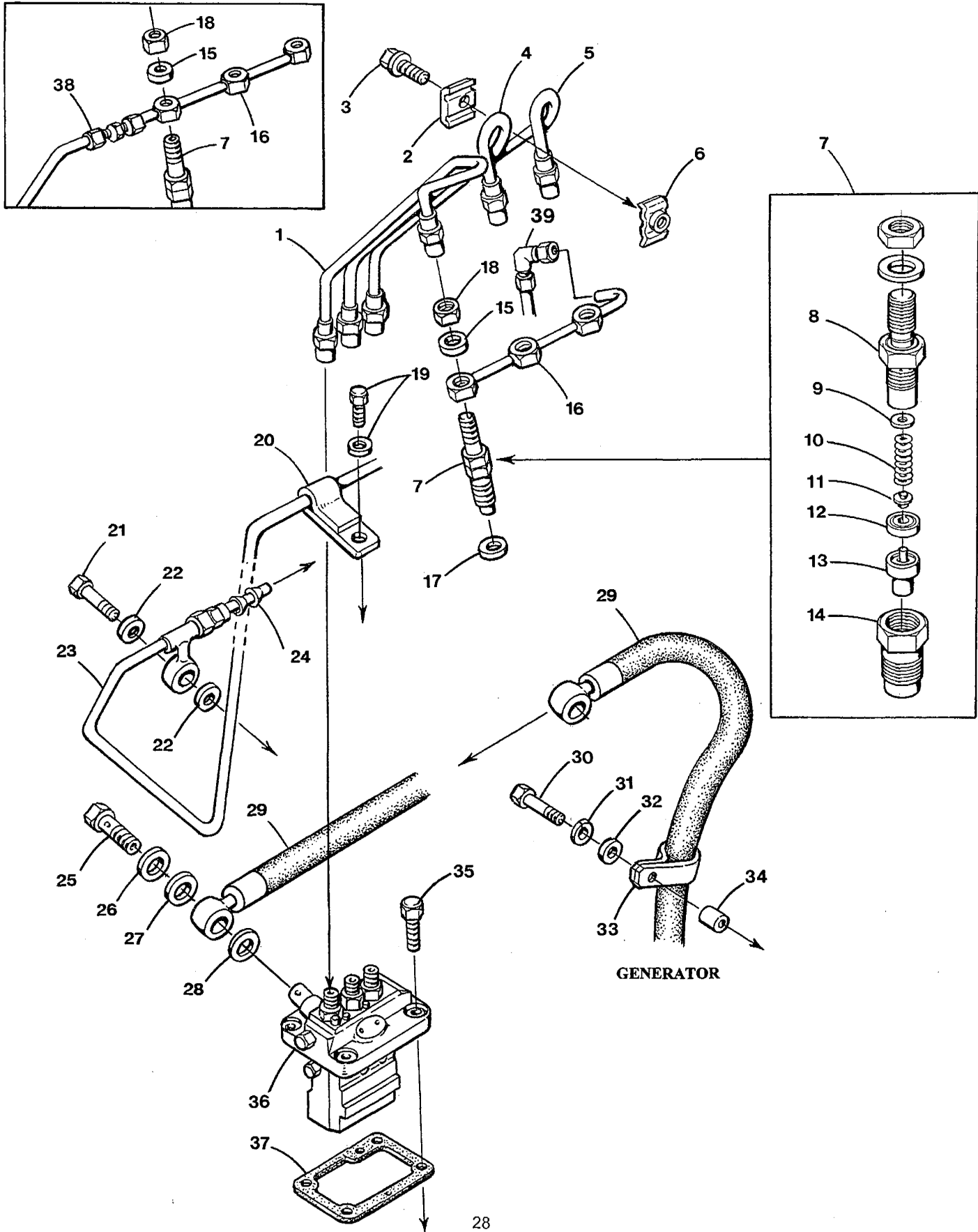
FUEL SYSTEM & NOZZLE ASSEMBLY - 35C/D - 8.0 - 10.0 BTDA



FUEL SYSTEM & NOZZLE ASSEMBLY - 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	045237	LINE	INJECTOR 1	1
2	030315	CLAMP	FUEL LINE	2
3	035810	CAPSCREW	M 6 X 25 JIS 6 W/LW-FW	2
4	045238	LINE	INJECTOR 2	1
5	045239	LINE	INJECTOR 3	1
6	046910	CLAMP	FUEL LINE	2
7	037091	INJECTOR	INCLUDING REF 8 THRU 14	3
8	037112	HOLDER	INJECTOR	3
9-1	036925	SHIM	INJECTOR 1.25	AR
9-2	036926	SHIM	INJECTOR 1.30	AR
9-3	036927	SHIM	INJECTOR 1.35	AR
9-4	036928	SHIM	INJECTOR 1.40	AR
9-5	036929	SHIM	INJECTOR 1.45	AR
9-6	036930	SHIM	INJECTOR 1.50	AR
9-7	036931	SHIM	INJECTOR 1.55	AR
9-8	036932	SHIM	INJECTOR 1.60	AR
9-9	036933	SHIM	INJECTOR 1.65	AR
9-10	036934	SHIM	INJECTOR 1.70	AR
10	037106	SPRING	INJECTOR	3
11	037107	PIN	INJECTOR SPRING	3
12	037108	SPACER	INJECTOR	3
13	036935	NOZZLE	INJECTOR	3
14	037109	NUT	INJECTOR NOZZLE	3
15	036922	GASKET	INJECTOR RETURN	3
16-1	048108	LINE	INJECTOR LEAKOFF TO JULY 2002	1
16-2	048333	LINE	INJECTOR LEAKOFF FROM JULY 2002	1
17	038841	GASKET	INJECTOR TO HEAD	3
18	036921	NUT	INJECTOR	3
19	035796	CAPSCREW	M8 X 40 JIS 6 W/LW TO JULY 2002	1
20	044069	STRAP	CLAMP FUEL RETURN LINE TO JULY 2002	1
21	016988	BOLT	BANJO M8	1
22	030289	WASHER	BANJO M8	2
23-1	046311	LINE	INJECTOR RETURN FROM JULY 2002	1
23-2	044500	LINE	INJECTOR RETURN TO JULY 2002	1
24	034641	CONNECTOR	FUEL RETURN HOSE	1
25	024916	BOLT	BANJO M12	1
26	024972	WASHER	BANJO M14 ALUMINUM	1
27	030291	WASHER	BANJO M14	1
28	030290	WASHER	BANJO 12	1
29-1	043780	HOSE	FILTER TO INJECTION PUMP - PROP	1
29-2	044214	HOSE	FILTER TO INJECTION PUMP - GENSET	1

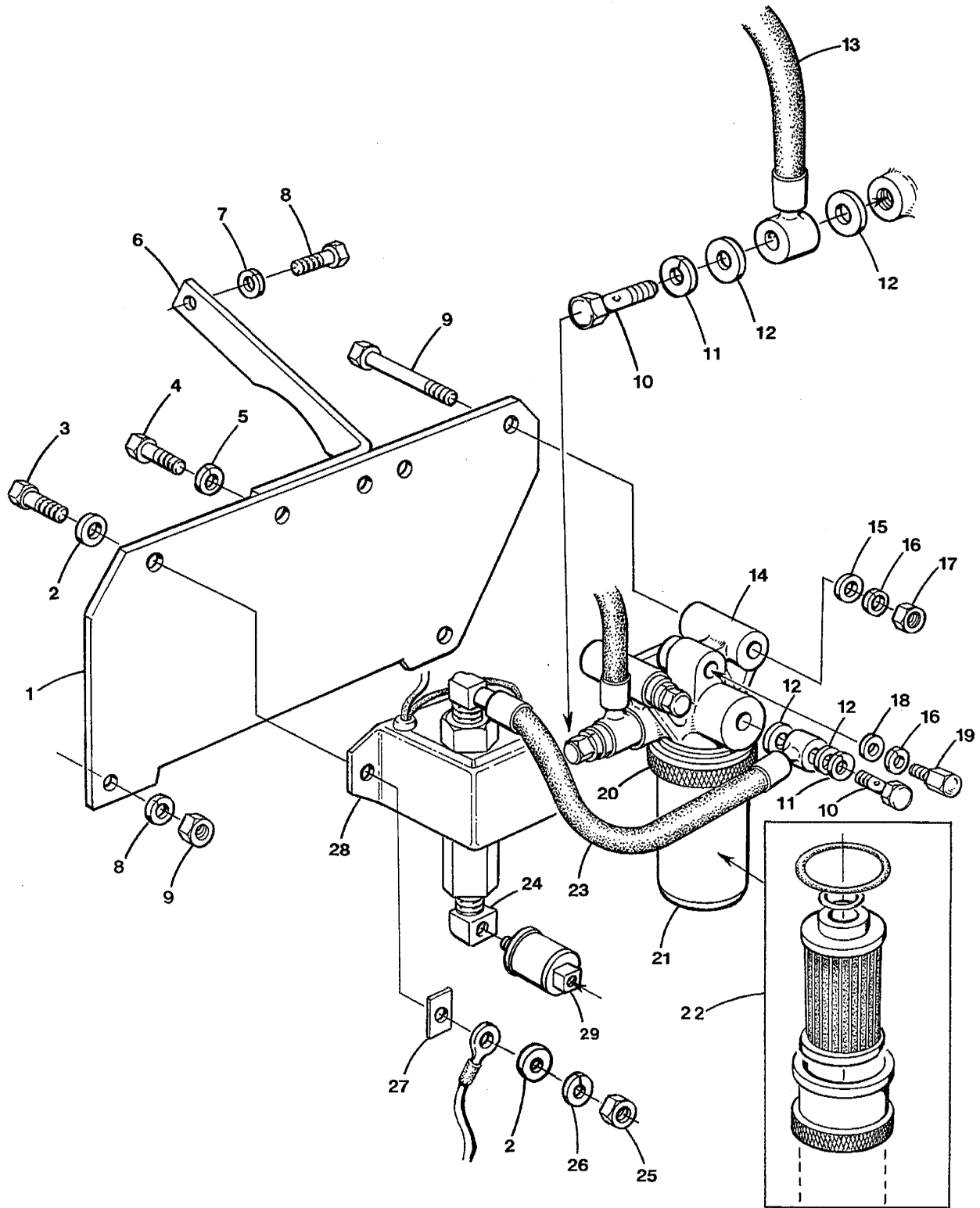
FUEL SYSTEM & NOZZLE ASSEMBLY - 35C/D - 8.0 - 10.0 BTDA



FUEL SYSTEM & NOZZLE ASSEMBLY - 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
30	013590	CAPSCREW	M6 X 30 DIN 933 - GENSET ONLY	1
31	031783	LOCKWASHER	M6 DIN 127 - GENSET ONLY	1
32	031753	WASHER	FLAT 1/4 - GENSET ONLY	1
33	021676	CLAMP	SUPPORT HOSE - GENSET ONLY	1
34	033052	SPACER	SOLENOID TO BRACKET - GENSET ONLY	1
35	017196	CAPSCREW	M8 X 20 DIN 933	4
36-1	048116	PUMP	INJECTION - PROP	1
36-2	048115	PUMP	INJECTION - GENSET	1
37-1	030565	SHIM	ADJUSTING 0.7MM	AR
37-2	030566	SHIM	ADJUSTING 0.8MM	AR
37-3	030567	SHIM	ADJUSTING 0.9MM	AR
37-4	030568	SHIM	ADJUSTING 1.0MM	AR
37-5	030560	SHIM	ADJUSTING 0.2MM	AR
38-1	024600	UNION	COMPRESSION INCL 38-2&3 FROM JULY 2002	1
38-2	013344	NUT	COMPRESSION 3/16 FROM JULY 2002	2
38-3	013343	FERRULE	COMPRESSION 3/16 FROM JULY 2002	2
39	043993	ELBOW	UNION 3/16 COMPRESSION TO JULY 2002	1

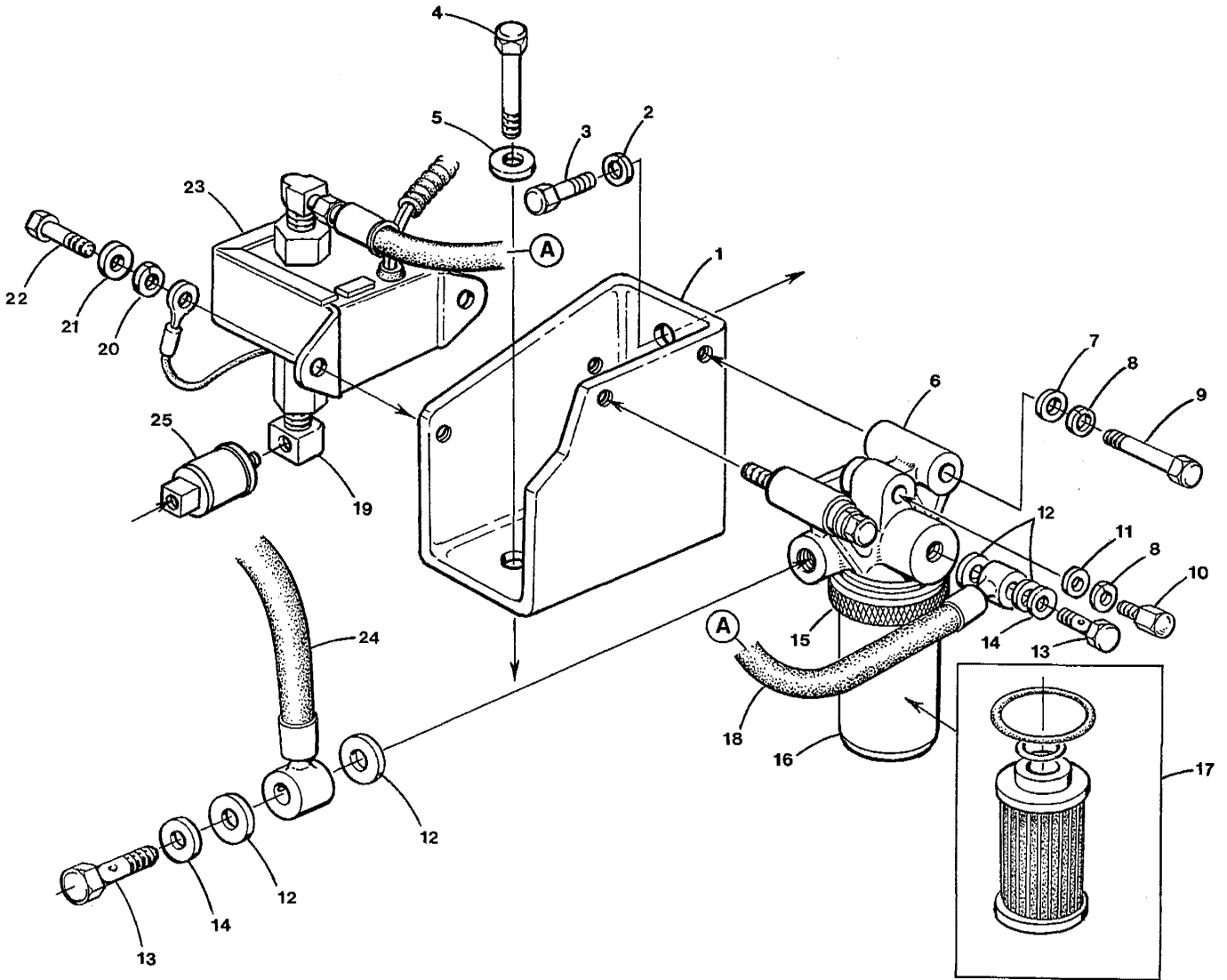
FUEL LIFT PUMP & FUEL FILTER - 35C/D



FUEL LIFT PUMP & FUEL FILTER - 35C/D

Reference #	Part #	Part Name	Remarks	Quantity
1-1	034422	BRACKET	LIFT PUMP AND FILTER - JS TRANS.	1
1-2	039959	BRACKET	LIFT PUMP AND FILTER - HBW/BW7 TRANS.	1
2	031784	WASHER	M6 DIN 125	3
3	018804	CAPSCREW	M6 X 20 DIN 933	1
4	020628	CAPSCREW	M6 X 25 DIN 933	1
5	031753	WASHER	FLAT 1/4	1
6	044074	BRACKET	SUPPORT LIFT PUMP BRACKET	1
7	019262	LOCKWASHER	M10 DIN 127	1
8	024951	CAPSCREW	M10 X 1.25 X 20 DIN 961	1
9	031225	CAPSCREW	M8 X 60 DIN 931	2
10	024984	BOLT	BANJO M14	2
11	024972	WASHER	BANJO M14 ALUMINUM	2
12	030291	WASHER	BANJO M14	4
13	043780	HOSE	FILTER TO INJECTION PUMP	1
14	030210	FILTER	FUEL	1
15	031787	WASHER	M8 DIN 125	2
16	031786	LOCKWASHER	M8 DIN 127	2
17	018242	NUT	M8 DIN 934	2
18	030289	WASHER	BANJO M8	1
19	030213	SCREW	FUEL FILTER BLEED	1
20	046669	RETAINER	FUEL FILTER	1
21	030199	CUP	FUEL FILTER	1
22	030200	ELEMENT	FUEL FILTER INCL O-RINGS	1
23	034741	HOSE	LIFT PUMP TO FILTER INCL ELBOW	1
24	013340	ELBOW	1/8 NPT STREET 90 BRASS	1
25	015812	NUT	M6 DIN 934	2
26	031783	LOCKWASHER	M6 DIN 127	2
27	044164	PLATE	LIFT PUMP SUPPORT	2
28	039275	PUMP	FUEL LIFT 12 VDC	1
29	048076	FILTER	LIFT PUMP INLET FROM MARCH 2003	1

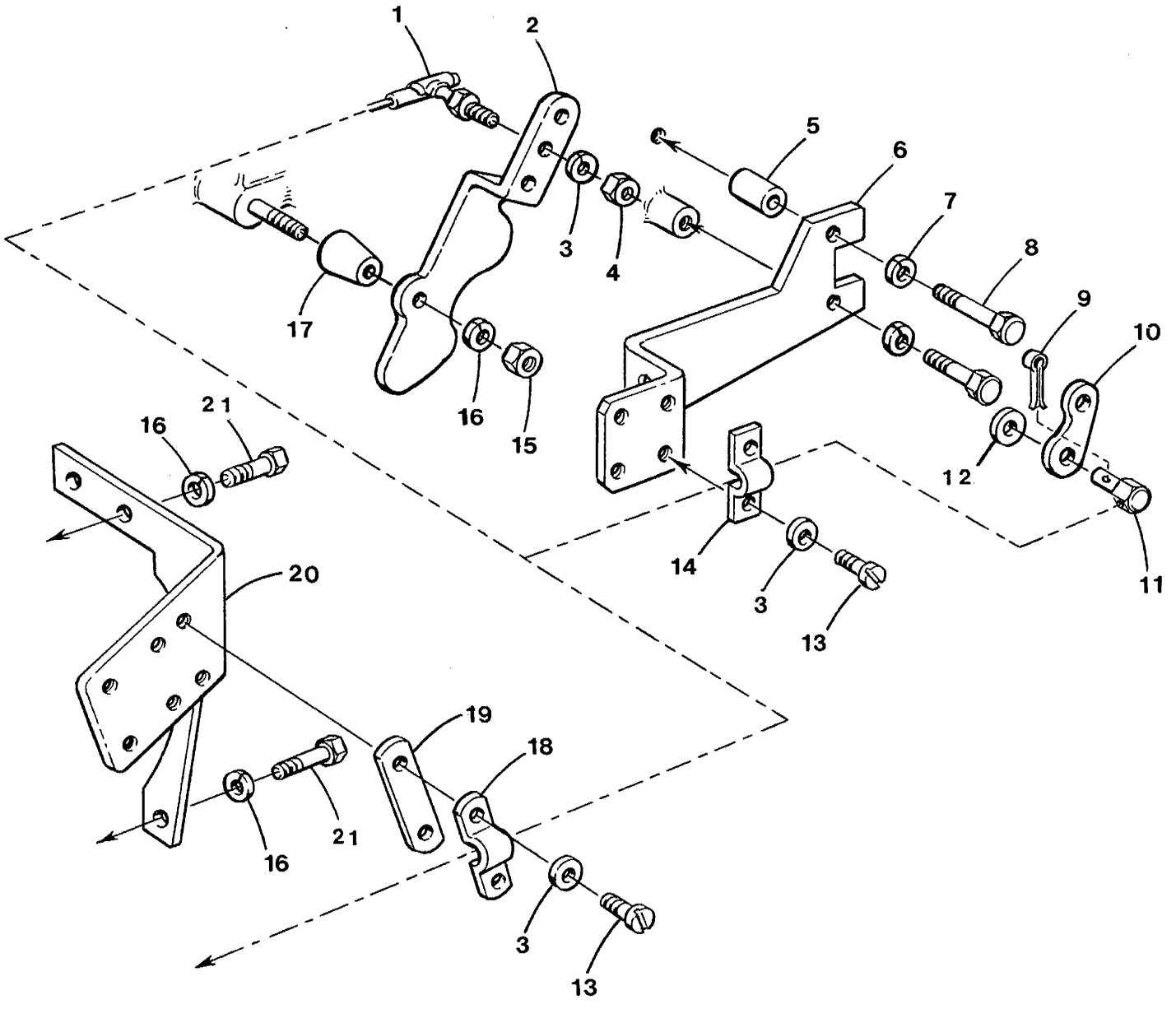
FUEL LIFT PUMP & FUEL FILTER - 8.0 - 10.0 BTDA



FUEL LIFT PUMP & FUEL FILTER - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	043899	MOUNT	FRONT RIGHT-LIFT PUMP & FILTER BRACKET	1
2	031792	LOCKWASHER	M12 DIN 127	2
3	024959	CAPSCREW	M12 X 1.25 X 25 DIN 961	2
4	031713	CAPSCREW	1/2NC X 3	1
5	031777	WASHER	FLAT 1/2	1
6	030210	FILTER	FUEL	1
7	031787	WASHER	M8 DIN 125	3
8	031786	LOCKWASHER	M8 DIN 127	2
9	031811	CAPSCREW	M8 X 55 DIN 931	2
10	044243	CAPSCREW	M8 X 14 DIN 933	1
11	030289	WASHER	BANJO M8	1
12	030291	WASHER	BANJO M14	4
13	024984	BOLT	BANJO M14	2
14	024972	WASHER	BANJO M14 ALUMINUM	2
15	046669	RETAINER	FUEL FILTER	1
16	030199	CUP	FUEL FILTER	1
17	030200	ELEMENT	FUEL FILTER INCL O-RINGS	1
18	038606	HOSE	LIFT PUMP TO FILTER	1
19	013340	ELBOW	1/8 NPT 90 STREET BRASS	1
20	031784	WASHER	M6 DIN 125	2
21	031783	LOCKWASHER	M6 DIN 127	2
22	017012	CAPSCREW	M6 X 16 DIN 933	2
23-1	039275	PUMP	FUEL LIFT 12 VDC	1
23-2	046631	PUMP	FUEL LIFT 24 VDC	1
24	044214	HOSE	FILTER TO INJECTION PUMP	1
25	048076	FILTER	LIFT PUMP INLET FROM MARCH 2003	1

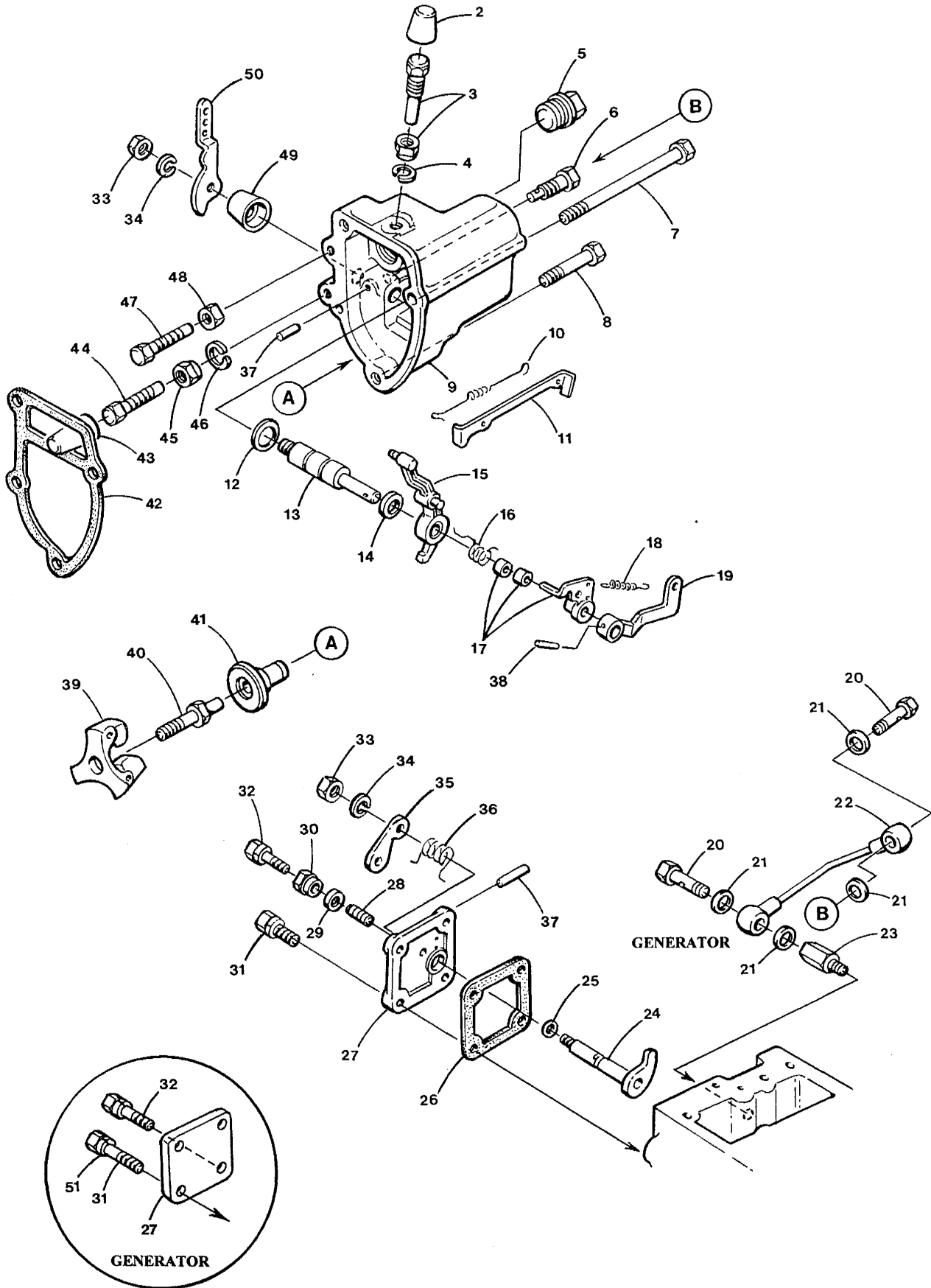
THROTTLE ASSEMBLY - 35C/D



THROTTLE ASSEMBLY - 35C/D

Reference #	Part #	Part Name	Remarks	Quantity
1	019364	BALL JOINT		1
2	045259	LEVER	THROTTLE	1
3	031849	LOCKWASHER	10 SS	5
4	031847	NUT	10-32 SS HEX	1
5	033052	SPACER	SOLENOID TO BRACKET	1
6	043957	BRACKET	STOP CABLE	1
7	031783	LOCKWASHER	M6 DIN 127	2
8	013590	CAPSCREW	M6 X 30 DIN 933	2
9	011796	PIN	COTTER, 1/16 X 1/2	1
10	045272	LEVER	STOP	1
11	299864	PIVOT	STOP LEVER WITH SCREW	1
12	031784	WASHER	M6 DIN 125	1
13	031872	SCREW	10-32 X 1/2 SS BINDING HEAD	4
14	013871	CLAMP	SHUT-OFF CABLE	1
15	031802	NUT	M8 DIN 936 JAM	1
16	031786	LOCKWASHER	M8 DIN 127	3
17	045247	COVER	GOVERNOR SHAFT	1
18	013325	CLAMP	CABLE	1
19	013870	SHIM	CABLE CLAMP	1
20	043441	BRACKET	THROTTLE CABLE	1
21	017196	CAPSCREW	M8 X 20 DIN 933	2

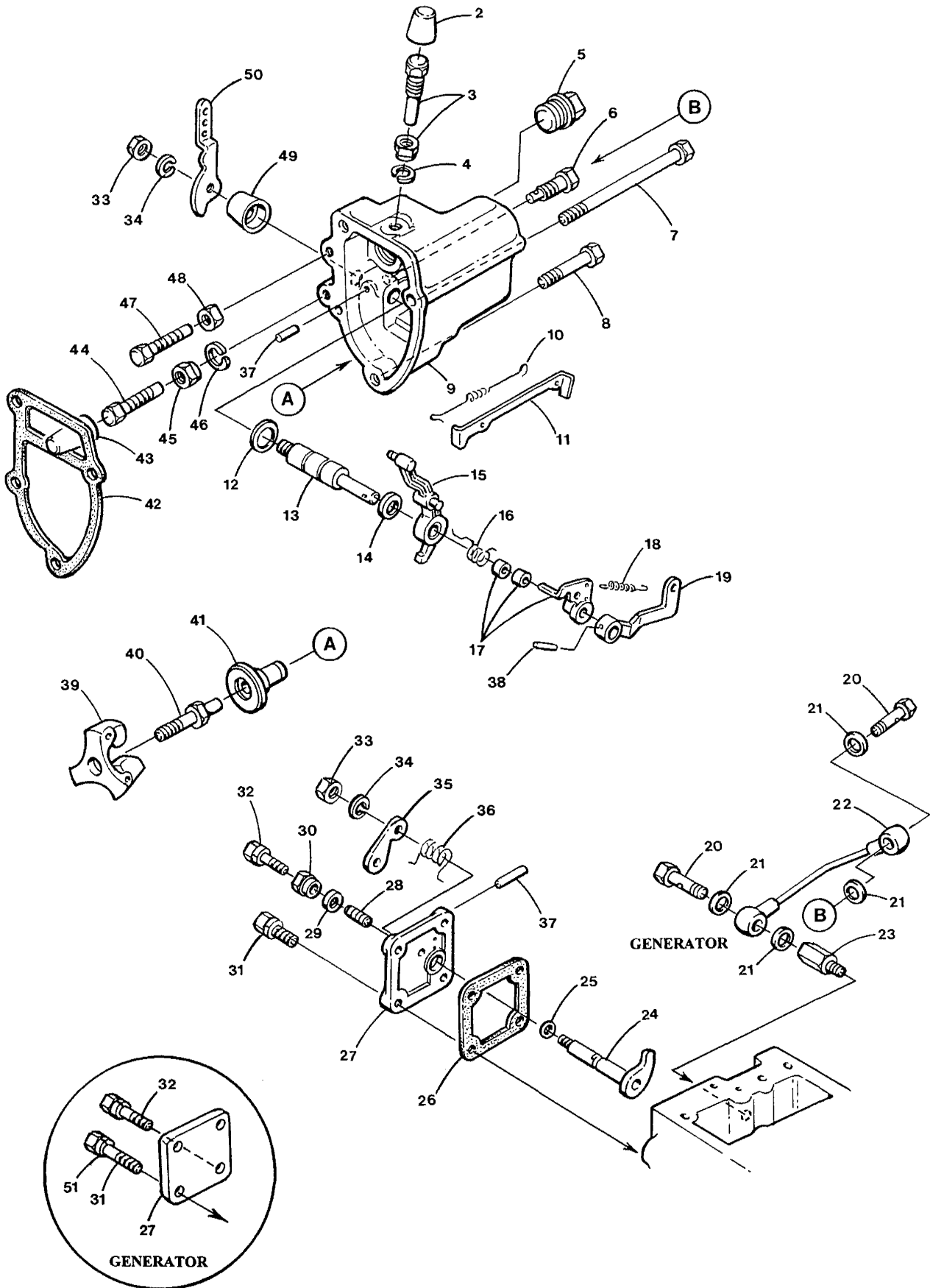
GOVERNOR ASSEMBLY - 35C/D - 8.0 - 10.0 BTDA



GOVERNOR ASSEMBLY - 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1-1	048111	GOVERNOR ASSY	PROP - 35C	1
1-2	048113	GOVERNOR ASSY	PROP - 35D	1
1-3	048112	GOVERNOR ASSY	GENERATOR	1
2	043981	COVER	TORQUE SET ANTI-TAMPER	1
3	043977	SCREW SET	RACK SET	1
4	043980	C-RING	TORQUE SET	1
5	036944	PLUG	M30 X 1.5 - WHEN SOLENOID NOT INSTALLED	1
6	045398	CONNECTOR	OIL LINE TO GOVERNOR - GENSET	1
7	045248	BOLT	GOVERNOR CASE	1
8	024948	CAPSCREW	M8 X 45 DIN 931	3
9-1	047139	HOUSING	GOVERNOR - GENSET	1
9-2	045263	HOUSING	GOVERNOR - PROP	1
10	048109	SPRING	TIE ROD	1
11	048110	ROD	TIE - GOVERNOR	1
12	047147	O-RING		1
13	045249	SHAFT	GOVERNOR	1
14	045261	SHIM	GOVERNOR SHAFT	1
15-1	047140	LEVER	GOVERNOR - GENSET	1
15-2	045262	LEVER	GOVERNOR - PROP	1
16	045252	SPRING	START	1
17	045245	LEVER ASSY	TENSION	1
18-1	047137	SPRING	GOVERNOR - GENSET	1
18-2	045251	SPRING	GOVERNOR - 35C	1
18-3	048020	SPRING	GOVERNOR - 35D	1
19-1	045250	LEVER	GOVERNOR SPRING - 35C	1
19-2	047136	LEVER	GOVERNOR SPRING - 35D & GENSET	1
20	045234	BOLT	BANJO M10 OIL LINE - GENSET ONLY	2
21	046920	WASHER	M10 - GENSET ONLY	4
22	047141	LINE	OIL - GENSET ONLY	1
23	047138	CONNECTOR	OIL LINE TO BLOCK - GENSET ONLY	1
24	045243	LEVER	STOP	1
25	030277	O-RING		1
26	030578	GASKET	TIE ROD COVER	1
27-1	045242	COVER	TIE ROD INCL. REF #S 28 - 30 - PROP	1
27-2	030577	COVER	TIE ROD - GENSET	1
28	045235	SCREW	ADJUSTING-TIE ROD COVER - PROP	1
29	048019	WASHER	STOP LEVER - PROP	1
30	045267	NUT	TIE ROD COVER - PROP	1
31-1	043065	CAPSCREW	M6 X 18 JIS 7 W/LW - PROP	3
31-2	031810	CAPSCREW	M6 X 14 DIN 933 - GENSET	3
32-1	035794	CAPSCREW	M8 X 30 JIS 6 W/LW - PROP	1
32-2	013590	CAPSCREW	M6 X 30 DIN 933 - GENSET	1
33	031802	NUT	M8 DIN 936 JAM - PROP	2
34-1	031786	LOCKWASHER	M8 DIN 127 - PROP	2
35	045272	LEVER	STOP - PROP	1
36	046907	SPRING	RETURN - PROP	1
37	030208	PIN	GROOVED	1
38	047146	PIN	SPRING	1
39-1	047135	WEIGHT	GOVERNOR - GENSET	1
39-2	045246	WEIGHT	GOVERNOR - 35C	1
39-3	048023	WEIGHT	GOVERNOR - 35D	1
40	045258	SHAFT	GOVERNOR SLIDING	1

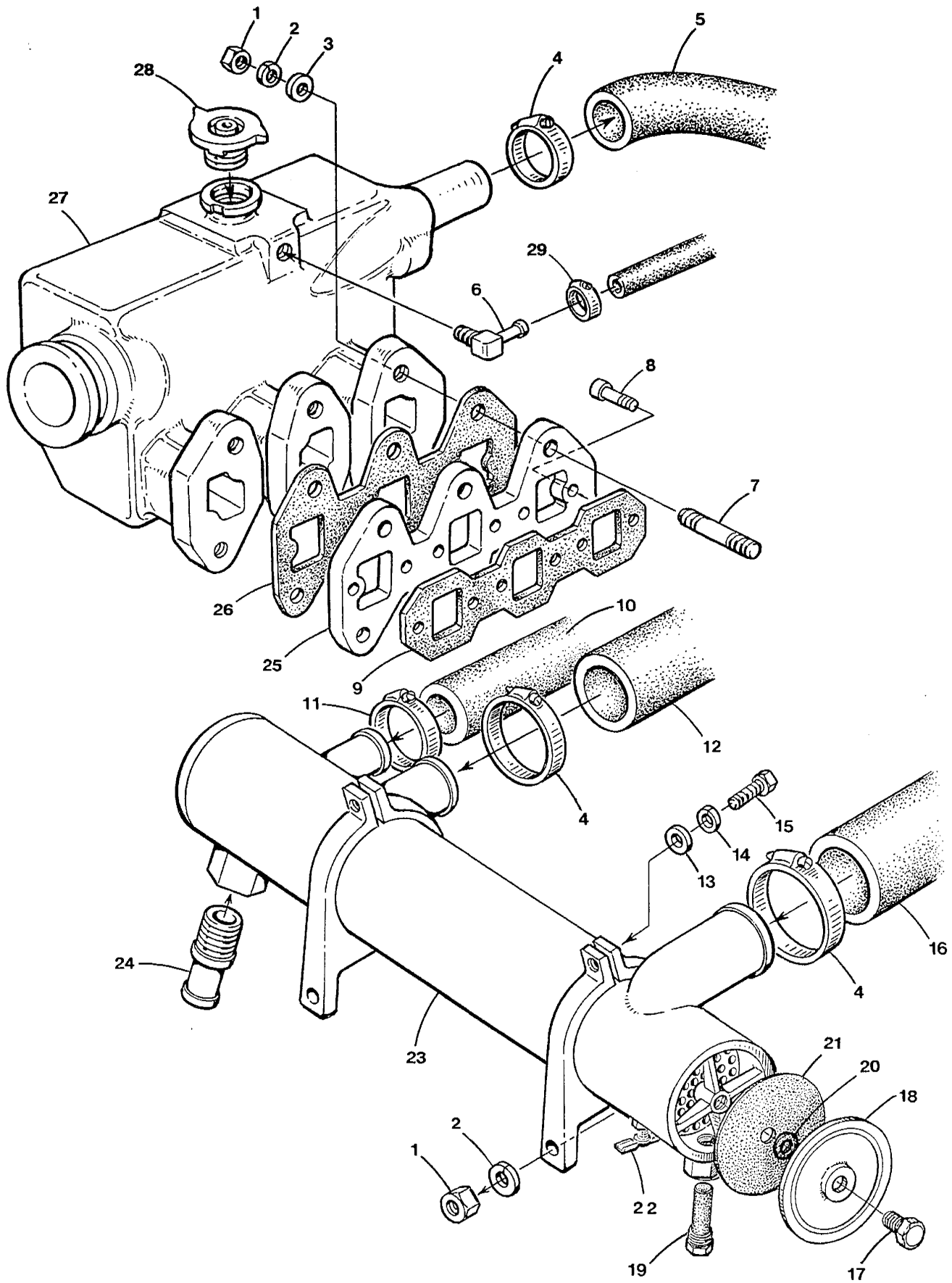
GOVERNOR ASSEMBLY - 35C/D - 8.0 - 10.0 BTDA



GOVERNOR ASSEMBLY - 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
41-1	047143	SLEEVE	SLIDING - GENSET	1
41-2	045256	SLEEVE	SLIDING - 35C	1
41-3	048024	SLEEVE	SLIDING - 35D	1
42	045260	GASKET	GOVERNOR HOUSING	1
43	043983	COVER	HIGH SPEED SET SCREW ANTI-TAMPER	1
44	045171	BOLT	HIGH SPEED INCL. REF #45	1
45	047125	NUT	HIGH SPEED SET	1
46	043984	C-RING	RETAINING	1
47-1	045255	BOLT	LOW IDLE SET - 35C	1
47-2	048090	BOLT	LOW IDLE SET - 35D	1
48	015812	NUT	M6 DIN 934	1
49	045247	COVER	GOVERNOR	1
50	045259	LEVER	THROTTLE	1
51	031783	LOCKWASHER	M6 DIN 127 - GENSET	4

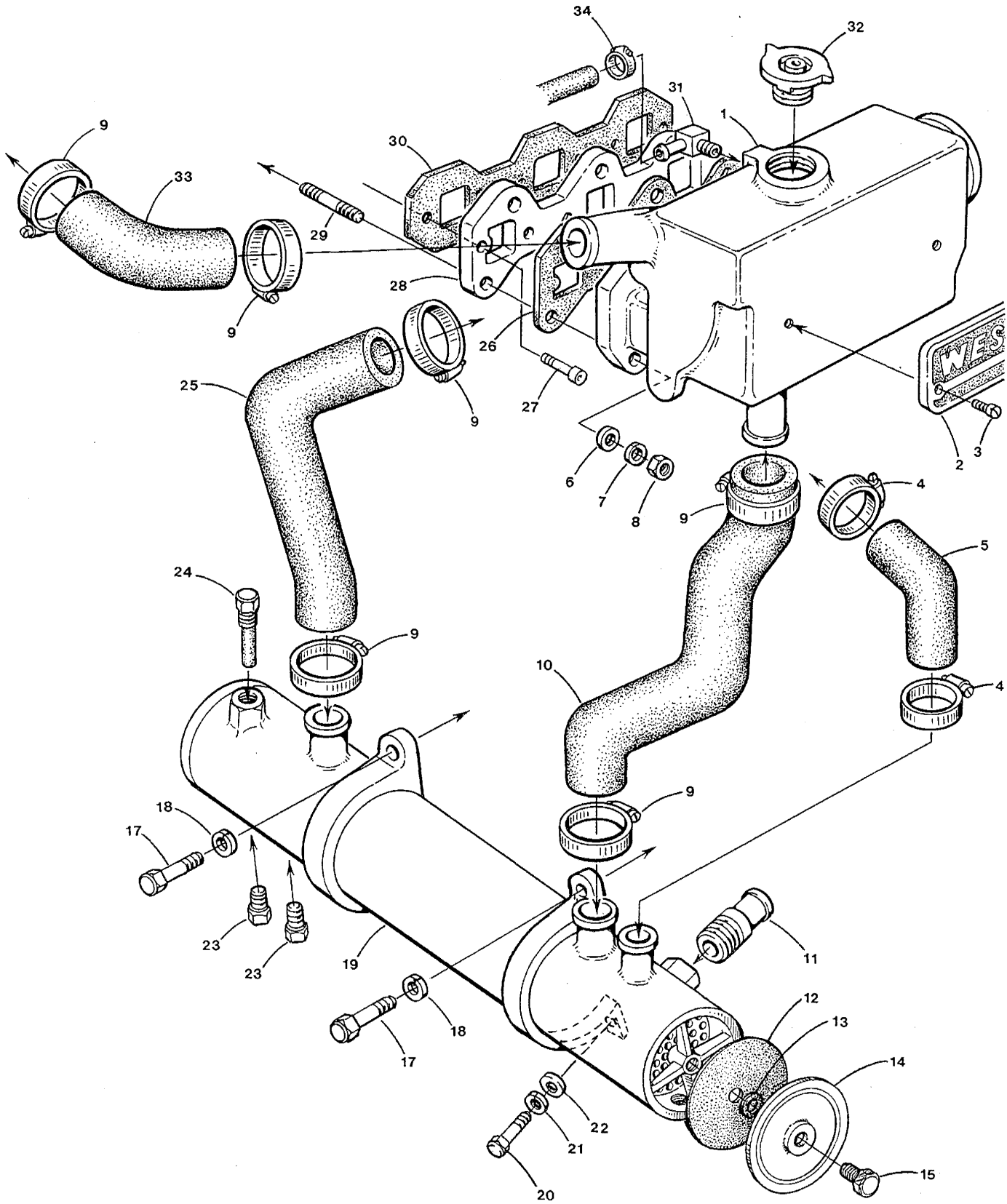
EXHAUST MANIFOLD & HEAT EXCHANGER - 35C/D



EXHAUST MANIFOLD & HEAT EXCHANGER - 35C/D

Reference #	Part #	Part Name	Remarks	Quantity
1	018242	NUT	M8 DIN 934	8
2	031786	LOCKWASHER	M8 DIN 127	8
3	031787	WASHER	M8 DIN 125	6
4	021878	CLAMP	HOSE 20	3
5	043952	HOSE	THERMOSTAT TO MANIFOLD	1
6	024907	ELBOW	1/8NPT X 5/16 HOSE	1
7	015830	STUD	M8 X 25 DIN 939	8
8	048298	CAPSCREW	M 8 X 18 DIN 912	6
9	043956	GASKET	EXHAUST TO HEAD	1
10	043942	HOSE	SEA PUMP TO EXCHANGER	1
11	011386	CLAMP	HOSE 12	1
12	043997	HOSE	MANIFOLD TO EXCHANGER	1
13	031753	WASHER	FLAT 1/4	2
14	031752	LOCKWASHER	1/4	2
15	031505	CAPSCREW	1/4NC X 1	2
16	043718	HOSE	EXCHANGER TO PUMP	1
17	022852	CAPSCREW	3/8 NC X 3/4 BRASS	2
18	022850	COVER	EXCHANGER END	2
19	011885	ZINC		1
20	019321	O-RING	EXCHANGER END COVER	2
21	022851	GASKET	EXCHANGER END COVER	2
22	011471	PETCOCK	1/8NPT	1
23	036899	EXCHANGER	HEAT	1
24	036622	NIPPLE	3/4NPT TO 1" HOSE	1
25	043670	ADAPTER	MANIFOLD TO HEAD	1
26	043817	GASKET	EXHAUST MANIFOLD TO ADAPTER	1
27	048221	MANIFOLD	EXHAUST	1
28	024306	CAP	PRESSURE 15 PSI	1
29	024906	CLAMP	HOSE 04 MINI	1
30	031935	SCREW	8-32 X 1/4 SS OVAL HD - SEE P.42 REF #3	2
31	035411	NAMEPLATE	SEE P.42 REF #2	1

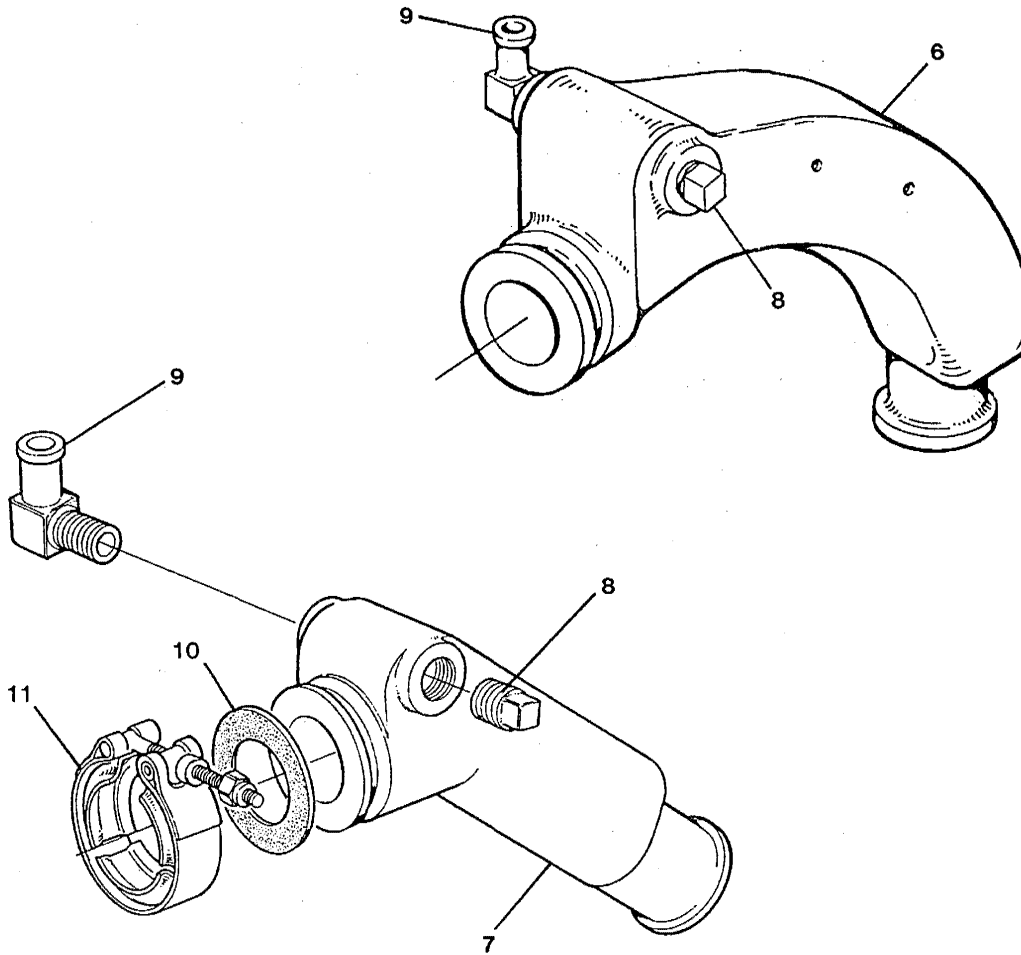
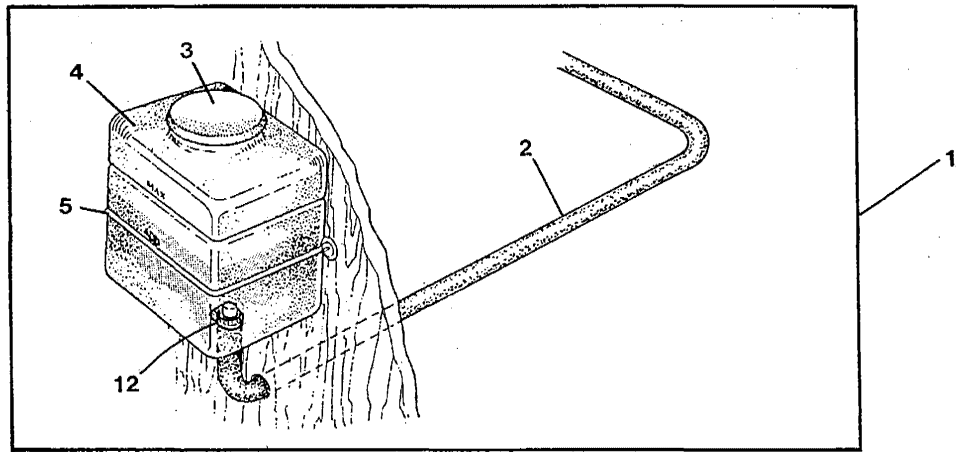
EXHAUST MANIFOLD & HEAT EXCHANGER - 8.0 - 10.0 BTDA



EXHAUST MANIFOLD & HEAT EXCHANGER - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	048221	MANIFOLD	EXHAUST	1
2	035411	NAMEPLATE		1
3	031935	SCREW	8-32 X 1/4 SS OVAL HEAD	2
4	011386	CLAMP	HOSE 12	2
5	043940	HOSE	SEA PUMP TO EXCHANGER	1
6	031787	WASHER	M8 DIN 125	6
7	031786	LOCKWASHER	M8 DIN 127	6
8	018242	NUT	M8 DIN 934	6
9	021878	CLAMP	HOSE 20	6
10	043679	HOSE	MANIFOLD TO EXCHANGER	1
11	036622	NIPPLE	3/4NPT TO 1" HOSE	1
12	022851	GASKET	EXCHANGER END COVER	2
13	019321	O-RING	EXCHANGER END COVER	2
14	022850	COVER	EXCHANGER END	2
15	022852	CAPSCREW	3/8 NC X 3/4 BRASS	2
17-1	046778	CAPSCREW	M12 X 1.25 X 30 DIN 912	2
17-2	032014	CAPSCREW	M12 X 1.25 X 30 JIS - USED ON 45374 CU NICKEL	2
18	031792	LOCKWASHER	M12 DIN 127	2
19-1	045528	EXCHANGER	HEAT	1
19-2	045374	EXCHANGER	HEAT- CUPRO NICKEL	1
20	031506	CAPSCREW	1/4NC X 1-1/4	2
21	031752	LOCKWASHER	1/4	2
22	031753	WASHER	FLAT 1/4	2
23	019369	PLUG	1/8NPT HEX HEAD BRASS	2
24	011885	ZINC		1
25	034228	HOSE	EXCHANGER TO FRESH WATER PUMP	1
26	043817	GASKET	EXHAUST MANIFOLD TO ADAPTER	1
27	048298	CAPSCREW	M 8 X 18 DIN 912	6
28	043670	ADAPTER	MANIFOLD TO HEAD	1
29	015830	STUD	M8 X 25 DIN 939	6
30	043956	GASKET	EXHAUST TO HEAD	1
31	024907	ELBOW	1/8NPT X 5/16 HOSE	1
32	024306	CAP	PRESSURE 15 PSI	1
33	043952	HOSE	THERMOSTAT TO MANIFOLD	1
34	024906	CLAMP	HOSE 04 MINI	1

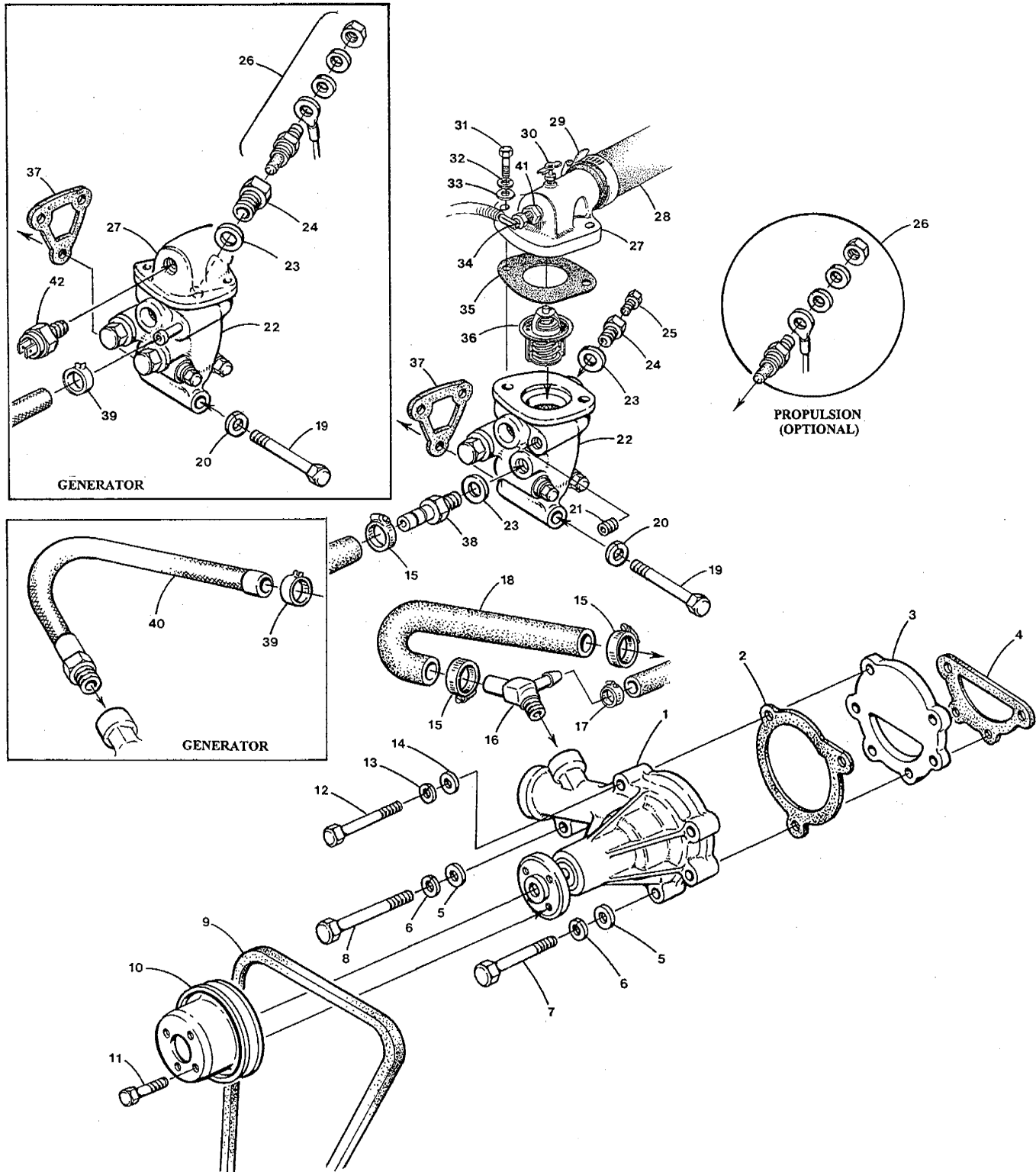
RECOVERY COOLANT TANK & EXHAUST ELBOWS- 35C/D- 8.0-10.0 BTDA



RECOVERY COOLANT TANK & EXHAUST ELBOWS- 35C/D- 8.0-10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	024977	TANK KIT	COOLANT RECOVERY INCL. REF#S 1-5	1
2	024637	TUBING	MANIFOLD TO TANK - INCHES REQUIRED	72
3	024858	CAP	COOLANT RECOVERY TANK	1
4	024704	TANK	COOLANT RECOVERY	1
5	024786	STRAP	COOLANT RECOVERY TANK	1
6	037401	ELBOW KIT	WATER INJECTED 90 DEG INCL REF#S 8-11	1
7	037402	ELBOW KIT	WATER INJECTED 45 DEG INCL REF#S 8-11	1
8-1	035747	PLUG	1/2NPT SQ HD BRASS - 45 DEG ELBOW	1
8-2	036849	PLUG	3/4NPT SQ HD BRASS - 90 DEG ELBOW	1
8-3	046777	PLUG	1/2NPT SOCKET BRASS - GENSET	1
9-1	036616	ELBOW	1/2NPT TO 1" HOSE - 45 DEG ELBOW	1
9-2	036614	ELBOW	3/8NPT TO 1" HOSE - 90 DEG ELBOW	1
10	036425	GASKET	EXHAUST ELBOW	1
11	036541	CLAMP	EXHAUST ELBOW	1
12	024906	CLAMP	HOSE 04 MINI	2
13-1	036660	ADAPTER	V-CLAMP TO 1.5NPT MALE - NOT SHOWN	1
13-2	037230	ADAPTER	V-CLAMP TO 1.5NPT FEMALE - NOT SHOWN	1

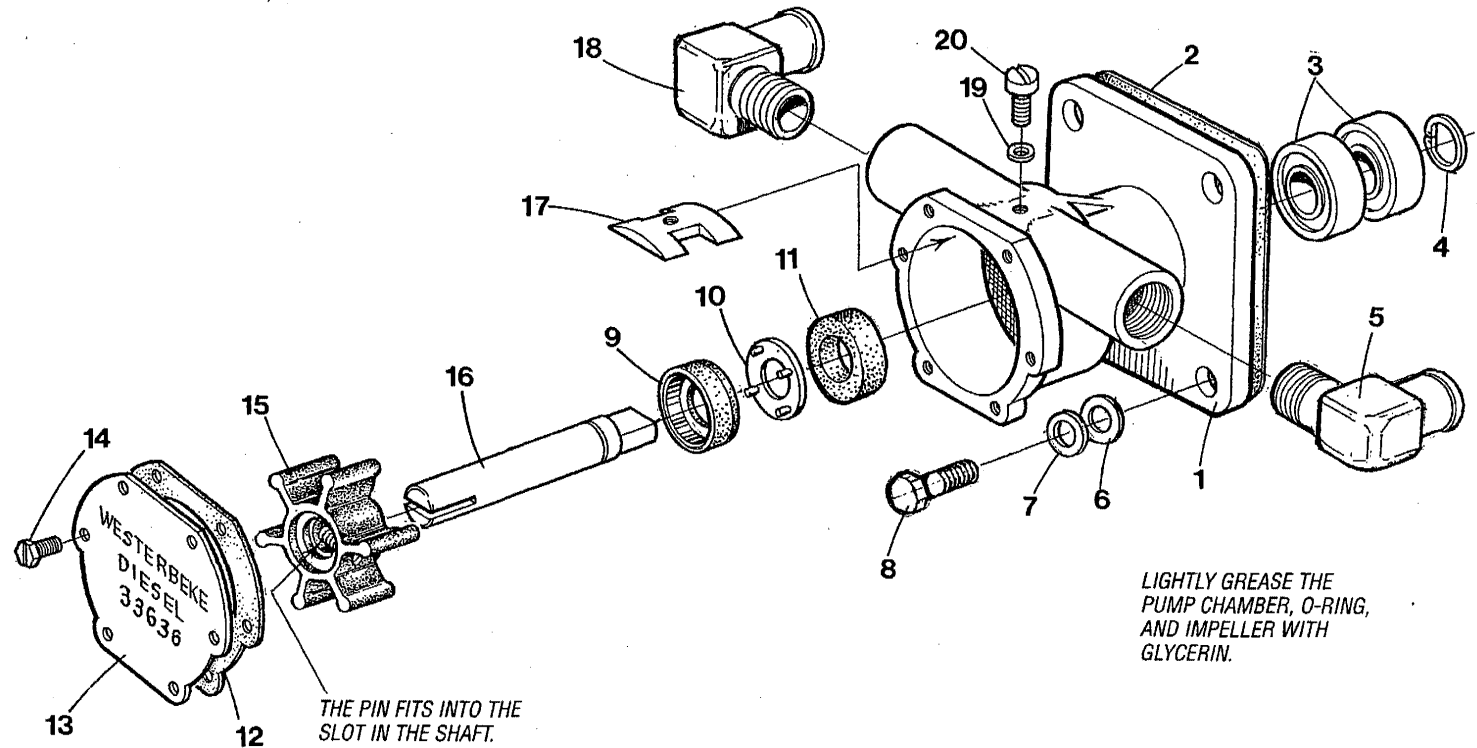
THERMOSTAT & FRESH WATER PUMP - 35C/D - 8.0 - 10.0 BTDA



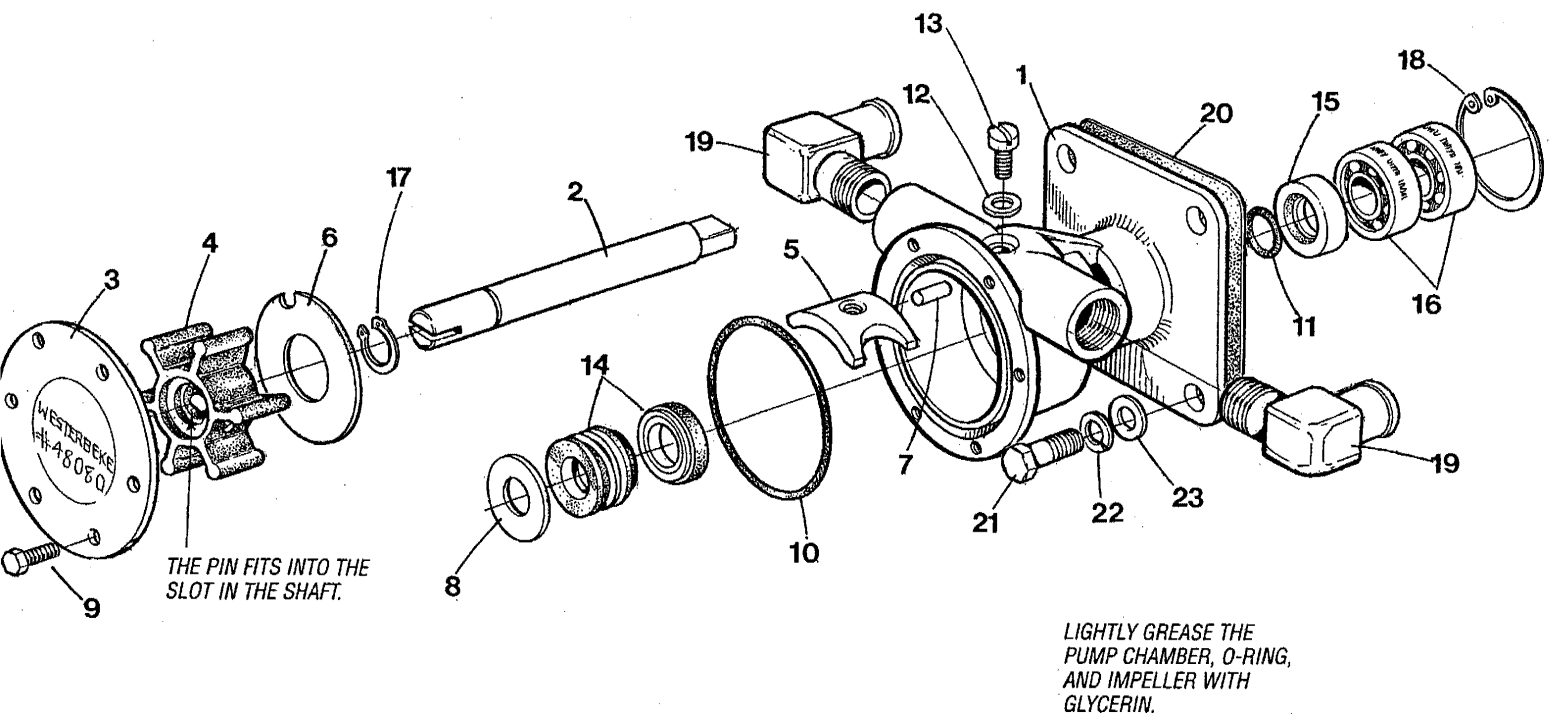
THERMOSTAT & FRESH WATER PUMP - 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	045231	PUMP	FRESH WATER	1
2	044082	GASKET	FRESH WATER PUMP PLATE	1
3	044083	PLATE	FRESH WATER PUMP	1
4	030474	GASKET	WATER PUMP TO BLOCK	1
5	031787	WASHER	M8 DIN 125	4
6	031786	LOCKWASHER	M8 DIN 127	4
7	024948	CAPSCREW	M8 X 45 DIN 931	3
8	031225	CAPSCREW	M8 X 60 DIN 931	1
9	045232	BELT		1
10	047134	PULLEY	FRESH WATER PUMP	1
11	035785	CAPSCREW	M6 X 12 JIS 6 W/LW	4
12	013590	CAPSCREW	M6 X 30 DIN 933	2
13	031783	LOCKWASHER	M6 DIN 127	2
14	031784	WASHER	M6 DIN 125	2
15	011341	CLAMP	HOSE 08 - PROP	1
16	044184	ELBOW	BYPASS - PROP	1
17	017298	CLAMP	HOSE 06	2
18	043876	HOSE	BYPASS - PROP	1
19	031812	CAPSCREW	M8 X 65 DIN 931	3
20	031786	LOCKWASHER	M8 DIN 127	3
21	043482	PLUG	BYPASS - PROP	1
22-1	045233	HOUSING	THERMOSTAT LOWER - GENSET	1
22-2	047894	HOUSING	THERMOSTAT LOWER - PROP	1
23	033280	WASHER	BANJO M16 ALUMINUM	2
24	024602	ADAPTER	M16 X 1.5 TO 1/8NPT	1
25	019369	PLUG	1/8NPT HEX HEAD BRASS	1
26-1	035109	SENDER	WATER TEMPERATURE (STD ON GENSET)	1
26-2	011915	SENDER	WATER TEMPERATURE UNGROUNDED	1
26-3	022124	SENDER	WATER TEMPERATURE 12 VDC DUAL PANEL	1
26-4	034912	SENDER	WATER TEMPERATURE UNGRND DUAL PANEL	1
27	043434	HOUSING	THERMOSTAT UPPER	1
28	043952	HOSE	THERMOSTAT TO MANIFOLD	1
29	021878	CLAMP	HOSE 20	2
30	011471	PETCOCK	1/8NPT	1
31	013619	CAPSCREW	M8 X 30 DIN 933	2
32	031786	LOCKWASHER	M8 DIN 127	2
33	031787	WASHER	M8 DIN 125	2
34	030125	SWITCH	WATER TEMPERATURE ALARM - PROP	1
35	034196	GASKET	THERMOSTAT	1
36	024688	THERMOSTAT		1
37	045236	GASKET	THERMOSTAT LOWER HOUSING	1
38	043870	CONNECTOR	MALE M16 X 1.5 TO 5/8 HOSE - PROP	1
39	024906	CLAMP	HOSE 04 MINI	2
40	035435	HOSE	5/16 ID - INCHES REQUIRED - GENSET	9
41	037453	BUSHING	1/4NPT X 1/8NPT - PROP	1
42	039550	SWITCH	WATER TEMPERATURE - GENSET	1

RAW WATER PUMP - 35C/D - 8.0 - 10.0 BTDA



RAW WATER PUMP - 35C/D - 8.0 - 10.0 BTDA (from March 2004)



REV 3 05

WESTERBEKE
Engines & Generators

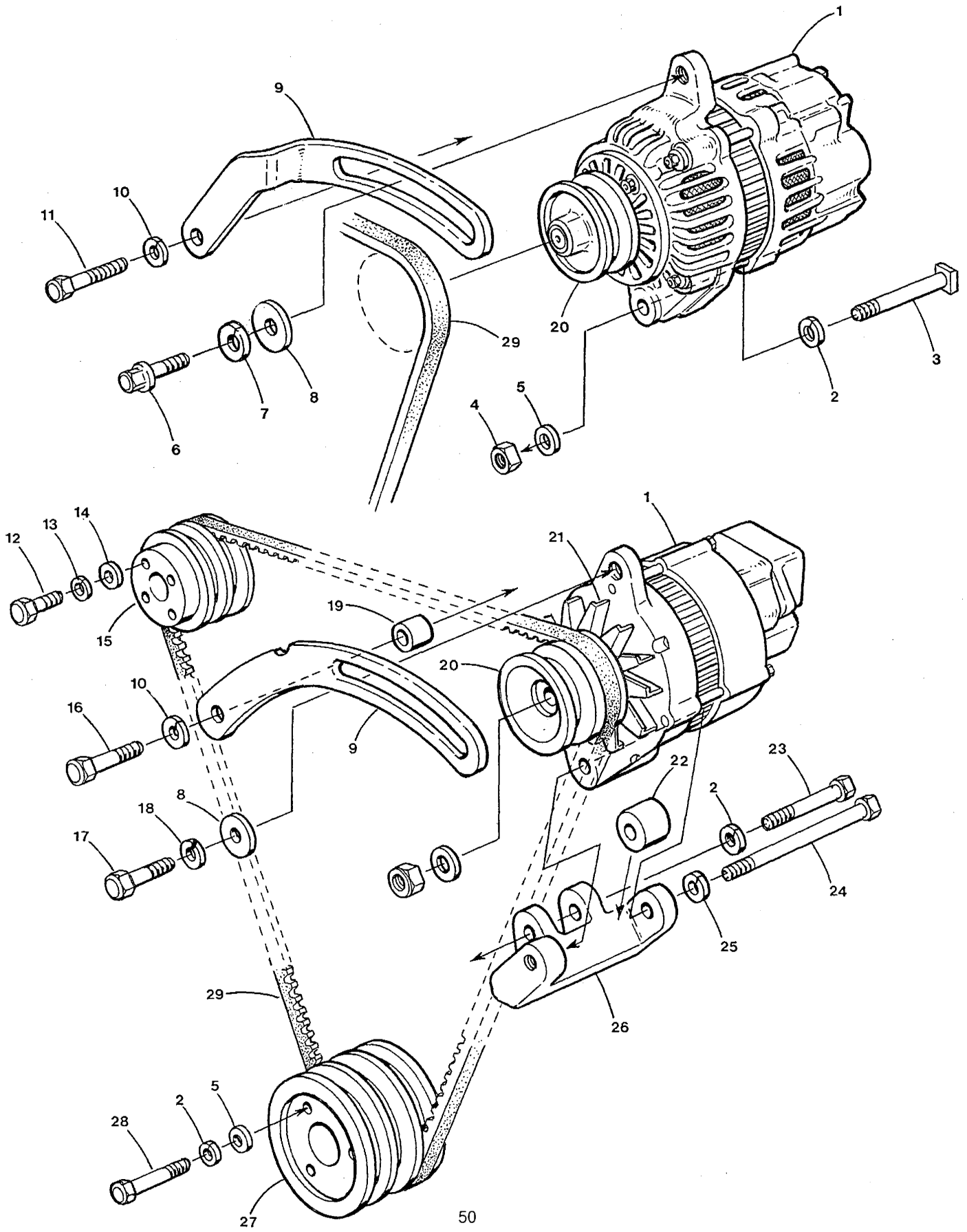
RAW WATER PUMP - 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Quantity
1-1	033636	RAW WATER PUMP	1
1-2	034457	HOUSING	1
1-3	034466	PUMP KIT	1
2	030326	GASKET	1
3	034464	BEARING	2
4	033044	RING RETAINING	1
5	034710	ELBOW 3/8NPT TO 7/8 HOSE (NOT INCL. W/PUMP)	1
6	031787	WASHER M8 DIN 125	4
7	031786	LOCKWASHER M8 DIN 127	4
8	017196	CAPSCREW M8 X 20 DIN 933	4
9	048013	SEAL	1
10	038678	SPACER	1
11	033043	OIL SEAL	1
12	034459	GASKET	1
13	034461	COVER	1
14	034463	SCREW	6
15	034440	IMPELLER - SCREW-GASKET KIT	1
16	034460	SHAFT	1
17	034458	CAM	1
18	036612	ELBOW 3/8NPT TO 1" HOSE (NOT INCL. W/PUMP)	1
19	033037	WASHER	1
20	034462	SCREW	1

RAW WATER PUMP - 35C/D - 8.0 - 10.0 BTDA (from March 2004)

Reference #	Part #	Part Name	Quantity
1	048080	RAW WATER PUMP	1
2	049172	SHAFT	1
3	049170	IMPELLER COVER	1
4	048500	IMPELLER KIT (O-RING & GLYCERIN)	1
5	034458	CAM	1
6	049171	WEAR PLATE	1
7	0302575	DOWEL	1
8	048253	SPRING SEAL WASHER	1
9	034463	IMPELLER COVER SCREW	6
10	048359	IMPELLER COVER O-RING	1
11	033041	O-RING	1
12	033037	CAM WASHER	1
13	046662	CAM SCREW	1
14	048254	SPRING SEAL	1
15	049169	LIP SEAL	1
16	034464	BALL BEARING	2
17	033045	RETAINING INTERNAL RING	1
18	033044	RETAINING EXTERNAL RING	1
19	034710	ELBOW 3/8" NPT TP 7/8" HOSE	1
	036612	ELBOW 3/8" NPT TO 1" HOSE	1
20	030326	MOUNTING GASKET	1
	049000	PUMP REPAIR KIT (INCLUDES ALL COMPONENTS EXCEPT ITEMS 1,7, AND 19)	1
	037431	PUMP KIT (PUMP MOUNTING GASKET AND FITTINGS)	1

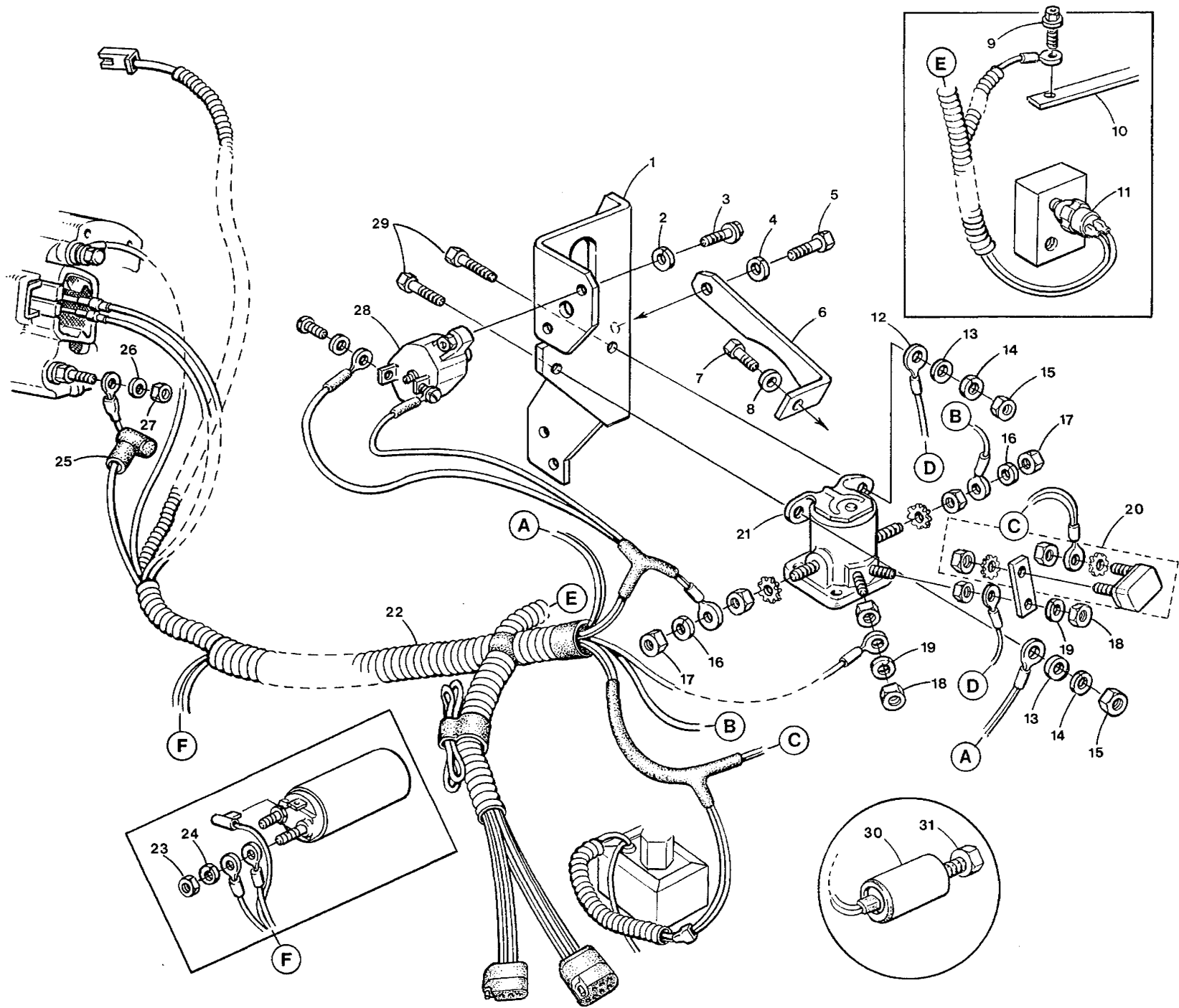
ALTERNATOR ASSEMBLY - 50/72/90 AMP - 35C/D - 8.0 - 10.0 BTDA



ALTERNATOR ASSEMBLY - 50/72/90 AMP - 35C/D - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1-1	043953	ALTERNATOR	12VDC 50 AMP	1
1-2	044895	ALTERNATOR	24VDC 42 AMP	1
1-3	300746	ALTERNATOR	12VDC 72 AMP	1
1-4	042065	ALTERNATOR	12VDC 90 AMP	1
1-5	034922	ALTERNATOR	12VDC 51 AMP UNGROUNDED	1
1-6	044338	ALTERNATOR	24VDC 35 AMP UNGROUNDED	1
2	019262	LOCKWASHER	M10 DIN 127	1
3	043954	BOLT	ALTERNATOR 43953 MOUNTING	1
4	024950	NUT	M10 X 1.25 DIN 934	1
5	031789	WASHER	M10 DIN 125	1
6-1	013630	CAPSCREW	M8 X 25 DIN 933 - ALTERNATOR 43953	1
6-2	031555	CAPSCREW	5/16NC x 1" - ALTERNATOR 300746	1
7-1	031786	LOCKWASHER	M8 DIN 127	1
7-2	031758	LOCKWASHER	5/16	1
8	033381	WASHER	FLAT	1
9-1	047145	STRAP	ALTERNATOR 43953 ADJUST	1
9-2	043998	STRAP	ALTERNATOR ADJUST	1
9-3	040030	STRAP	ALTERNATOR 44338 ADJUST	1
10	031786	LOCKWASHER	M8 DIN 127	1
11	018812	CAPSCREW	M8 X 70 DIN 931	1
12	017012	CAPSCREW	M6 X 16 DIN 933	4
13	031783	LOCKWASHER	M6 DIN 127	4
14	031784	WASHER	M6 DIN 125	4
15	043832	PULLEY	FRESH WATER PUMP 2 GROOVE 90 AMP	1
16	024983	CAPSCREW	M8 X 75 DIN 931	1
17	031555	CAPSCREW	5/16NC X 1	1
18	031758	LOCKWASHER	5/16	1
19	040406	SPACER		1
20-1	048021	PULLEY	ALTERNATOR 43953	1
20-2	043838	PULLEY	ALTERNATOR 42065	1
20-3	011548	PULLEY	ALTERNATOR 34922 - 44338 - 44895 - 300746	1
21	042066	FAN	ALTERNATOR 42065	1
22-1	043844	SPACER	ALTERNATOR 300746	1
22-2	033473	SPACER	ALTERNATOR 42065	1
23	031819	CAPSCREW	M10 X 1.25 X 60 DIN 961	1
24-1	031718	CAPSCREW	1/2NC X 4-1/4 - BRACKET 43824	1
24-2	031618	CAPSCREW	3/8NC X 4-1/4 - BRACKET 43848	1
25-1	031776	LOCKWASHER	1/2	1
25-2	031764	LOCKWASHER	3/8	1
26-1	043824	BRACKET	ALTERNATOR 24VDC -12/24VDC UNG 72 AMP	1
26-2	043848	BRACKET	ALTERNATOR 90-190 AMP	1
27	043830	PULLEY	CRANKSHAFT 3 GROOVE 90 AMP	1
28	031822	CAPSCREW	M10 X 1.25 X 75 DIN 960	3
29-1	045232	BELT	ALTERNATOR 43953 & 34922	1
29-2	037830	BELT	ALTERNATOR 300746 & 44338	1
29-3	035299	BELT	ALTERNATOR 42065	2
29-4	030475	BELT	ALTERNATOR 44895	1
30	021611	REGULATOR	ALTERNATOR 44338 - NOT SHOWN	1

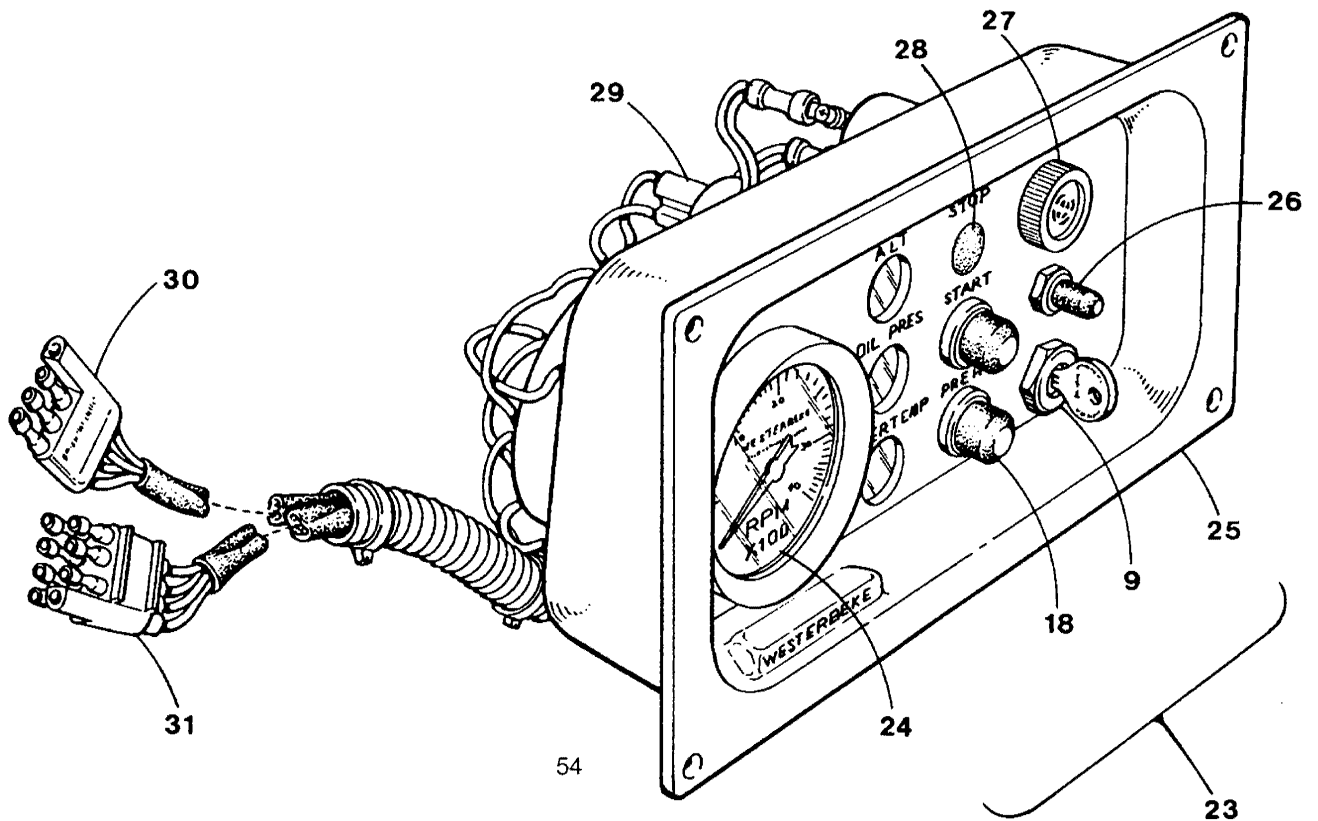
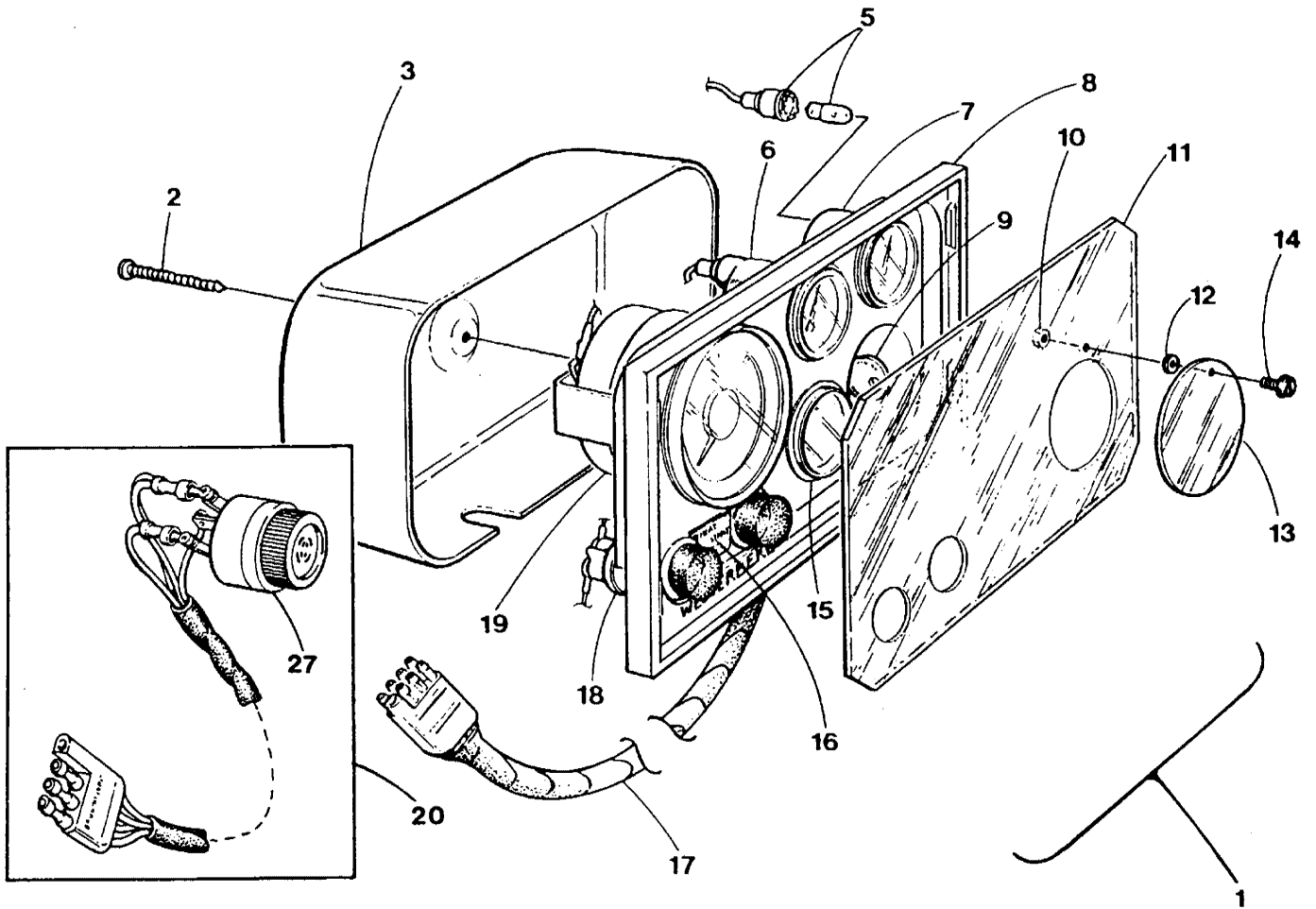
ELECTRICAL SYSTEM - 35C/D



ELECTRICAL SYSTEM - 35C/D

Reference #	Part #	Part Name	Remarks	Quantity
1	034418	BRACKET	CIRCUIT BREAKER & SOLENOID	1
2	031843	WASHER	FLAT 8 SS	2
3	043480	SCREW	8-32 X 7/8 SS HEX WASHER HEAD	2
4	019262	LOCKWASHER	M10 DIN 127	1
5	024951	CAPSCREW	M10 X 1.25 X 20 DIN 961	1
6	044074	BRACKET	SUPPORT	1
7	018804	CAPSCREW	M6 X 20 DIN 933	1
8	031784	WASHER	M6 DIN 125	1
9	024353	GLOWPLUG	12 VDC	3
10	048117	STRAP	GLOWPLUG CONNECTING	1
11	037323	SWITCH	OIL PRESSURE	1
12	039806	RESISTOR	ASSEMBLY	1
13	031753	WASHER	FLAT 1/4	2
14	031752	LOCKWASHER	1/4	2
15	031750	NUT	1/4NC	2
16	031758	LOCKWASHER	5/16	2
17	031760	NUT	5/16NF	2
18	031847	NUT	10-32 SS HEX	2
19	031849	LOCKWASHER	10 SS	2
20	036563	BREAKER	CIRCUIT 10 AMP	1
21	024639	SOLENOID	PREHEAT 12 VDC	1
22	043906	HARNESS	ENGINE	1
23	031786	LOCKWASHER	M8 DIN 127	2
24	018242	NUT	M8 DIN 934	2
25	035449	BOOT		1
26	031784	WASHER	M6 DIN 125	2
27	015812	NUT	M6 DIN 934	2
28	024683	BREAKER	CIRCUIT 20 AMP 12 VDC	1
29	031503	CAPSCREW	1/4 NC X 3/4	2
30	037100	SOLENOID	FUEL SHUT-OFF 12 VDC	1
31	034669	NUT	SOLENOID	1
32	046746	MODULE	CURRENT TIMING FOR SOLENOID	1

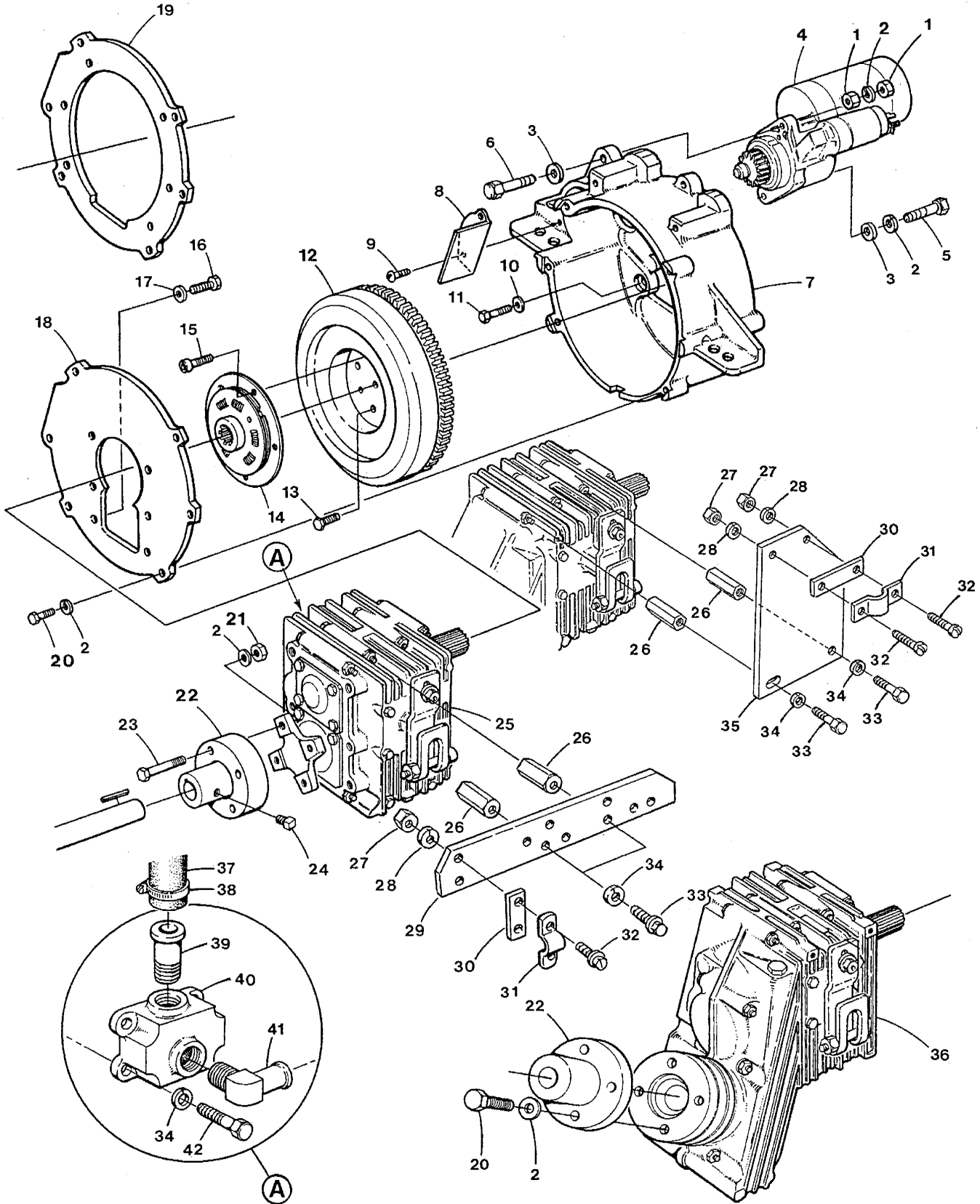
PROPULSION INSTRUMENT PANEL - 35C/D



PROPULSION INSTRUMENT PANEL - 35C/D

Reference #	Part #	Part Name	Remarks	Quantity
1	036843	PANEL	ADMIRAL 12 VDC INCL. SENDERS AND ALARM	1
2	030913	SCREW	10 X 2 SS	1
3	030119	COVER	PANEL REAR	1
5	042893	LAMP	INSTRUMENT 12 VDC INCL. HOLDER	3
6	037601	METER	WATER TEMPERATURE	1
7	037603	METER	OIL PRESSURE	1
8	033865	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	12 VDC	1
16	033682	DECAL	SWITCH IDENTIFICATION	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	ENGINE WIRING	1
23	036473	PANEL	CAPTAIN	1
24	036590	METER	TACHOMETER	1
25	047256	PANEL	PLATE - INSTRUMENT CAPTAIN WITH LENS	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	12 VDC	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	ASSEMBLY	TERMINAL-DIODE	1
33	036544	SPACER	TERMINAL-DIODE ASSEMBLY	2
34	036545	SCREW	6-32 X 3/4 TAPPING SS	2
35	036630	DRAWING	TEMPLATE TO INSTALL EITHER PANEL	1

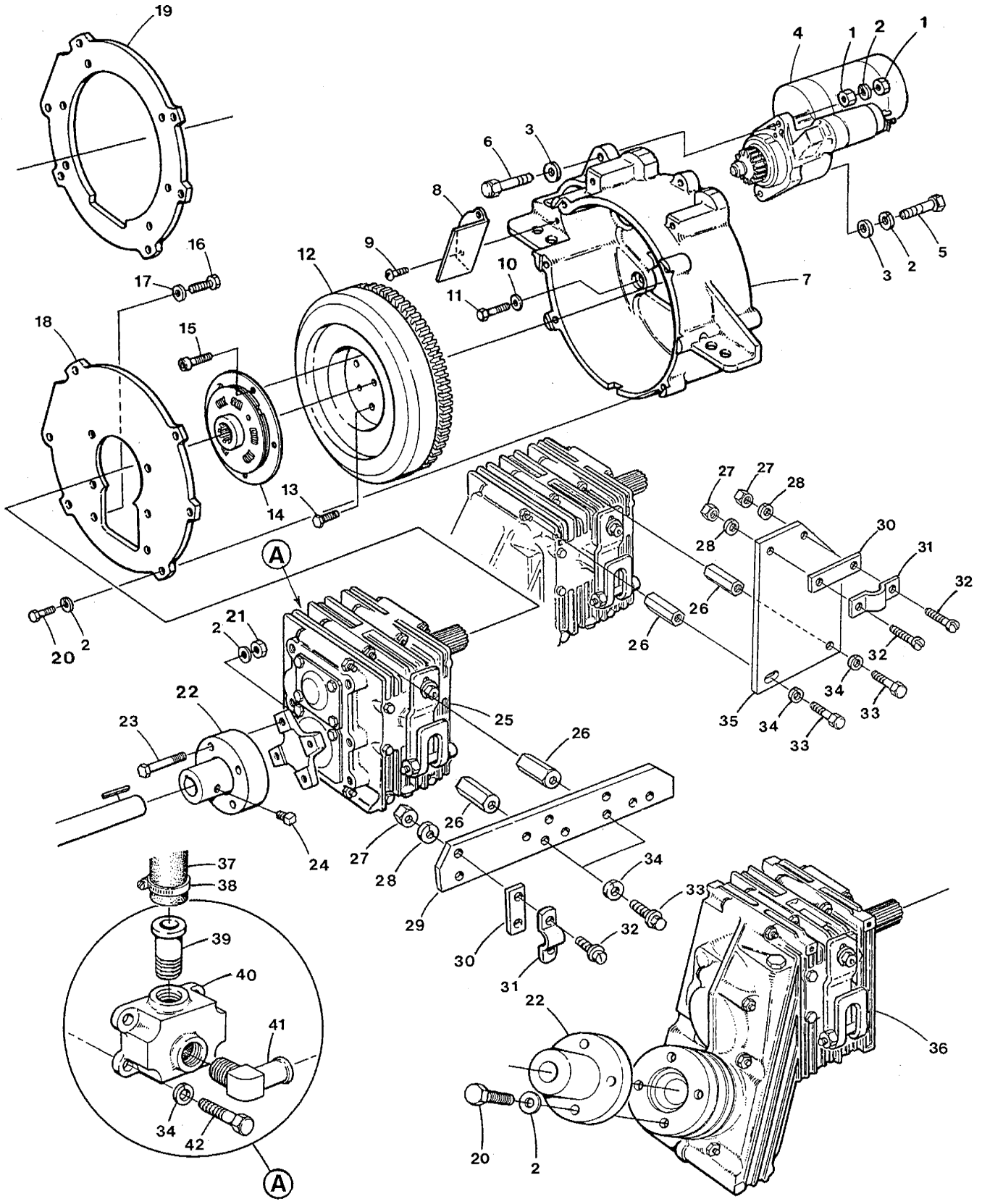
HBW (HURTH) TRANSMISSION - 35C/D



HBW (HURTH) TRANSMISSION - 35C/D

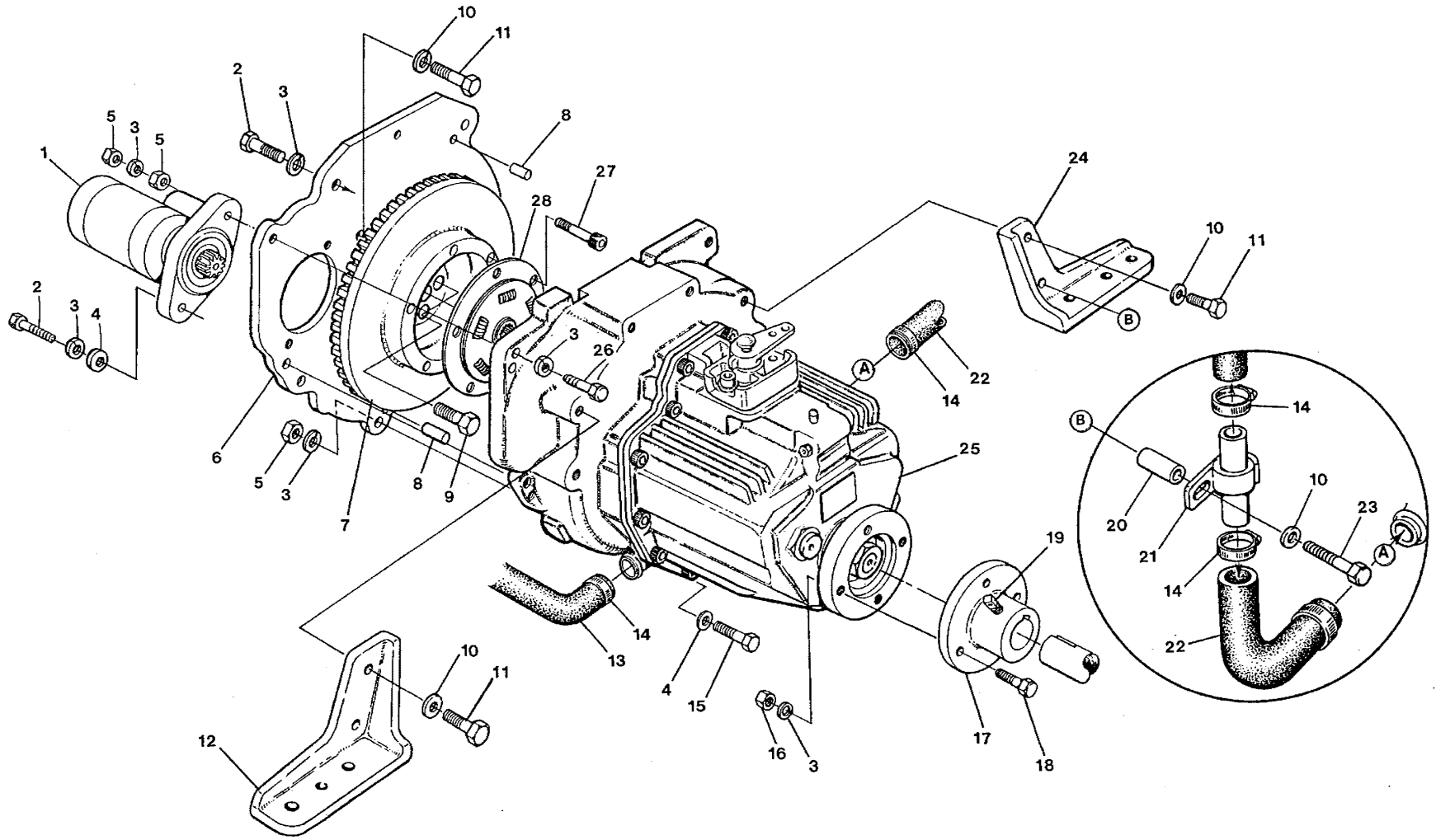
Reference #	Part #	Part Name	Remarks	Quantity
1	015887	NUT	M10 DIN 934	2
2	019262	LOCKWASHER	M10 DIN 127	12
3	031789	WASHER	M10 DIN 125	2
4	030593	MOTOR	STARTER 12 VDC	1
5	034589	CAPSCREW	M10 X 30 DIN 933	1
6	034833	CAPSCREW	M10 X 60 DIN 912	1
7	043097	HOUSING	FLYWHEEL	1
8	039830	COVER	STARTER ACCESS	1
9	039578	SCREW	M5 X 12 HEX WASHER HEAD	2
10	031792	LOCKWASHER	M12 DIN 127	6
11	031834	CAPSCREW	M12 X 1.25 X 30 DIN 961	6
12	043778	FLYWHEEL	WITH RING GEAR 30230	1
13	033279	BOLT	FLYWHEEL	4
14	019398	DAMPER	HBW TRANSMISSION	1
15	024778	SCREW	DAMPER	5
16-1	020650	CAPSCREW	M8 X 18 DIN 933	6
16-2	018813	CAPSCREW	M10 X 20 DIN 933 - V-DRIVE	6
17-1	031786	LOCKWASHER	M8 DIN 127	6
17-2	019262	LOCKWASHER	M10 DIN 127 - V-DRIVE	6
18-1	039762	ADAPTER	TRANSMISSION TO HOUSING	1
18-2	040008	ADAPTER	TRANSMISSION TO HOUSING - V-DRIVE	1
19	040407	ADAPTER	TRANSMISSION TO HSG - WARNER HYDRAULIC	1
20	013629	CAPSCREW	M10 X 25 DIN 933	10
21	024950	NUT	M10 X 1.25 DIN 934	4
22-1	023706	COUPLING	0.75 BORE	1
22-2	023707	COUPLING	0.875 BORE	1
22-3	023708	COUPLING	1.0 BORE	1
22-4	023709	COUPLING	1.125 BORE	1
22-5	023710	COUPLING	1.25 BORE	1
22-6	023711	COUPLING	1.375 BORE	1
22-7	023712	COUPLING	1.5 BORE	1
23	031228	CAPSCREW	M10 X 1.25 X 30 DIN 961	4
24-1	023450	SETSCREW	COUPLING 7/16NC X 1	2
24-2	023651	SETSCREW	COUPLING 3/8NC X 3/4	2
24-3	023652	SETSCREW	COUPLING 3/8NC X 1	2
25-1	030140	HBW GEAR	MODEL 100 1 . 5 : 1	1
25-2	024630	HBW GEAR	MODEL 100 1 . 8 : 1	1
25-3	030095	HBW GEAR	MODEL 100 2 . 7 : 1	1
25-4	043402	HBW GEAR	MODEL 150A 1 . 9 : 1	1
25-5	039586	HBW GEAR	MODEL 150A 2 . 5 : 1	1
26	030756	NUT	PILLAR	2
27	031847	NUT	10-32 SS HEX	2
28	031849	LOCKWASHER	10 SS	2
29	032161	BRACKET	SHIFT CABLE	1
30	013870	SHIM	CABLE CLAMP	1

HBW (HURTH) TRANSMISSION - 35C/D



HBW (HURTH) TRANSMISSION - 35C/D

Reference #	Part #	Part Name	Remarks	Quantity
31	013325	CLAMP	CABLE	1
32	031873	SCREW	10-32 X 5/8 SS	2
33	013630	CAPSCREW	M8 X 25 DIN 933	4
34	031786	LOCKWASHER	M8 DIN 127	6
35	030181	BRACKET	SHIFT CABLE-TOP ENTRY - V-DRIVE	1
36-1	030048	HBW GEAR	V-DRIVE 2 . 1 : 1	1
36-2	031250	HBW GEAR	V-DRIVE 3 : 1	1
37	011779	HOSE	1" WIRE INSERTED - INCHES REQUIRED	24
38	011405	CLAMP	HOSE 16	2
39	036622	NIPPLE	3/4NPT TO 1" HOSE	1
40	040036	COOLER	HBW TRANSMISSION - HBW125/150/150A/150V	1
41	036614	ELBOW	3/4NPT TO 1" HOSE	1
42	017196	CAPSCREW	M8 X 20 DIN 933	4

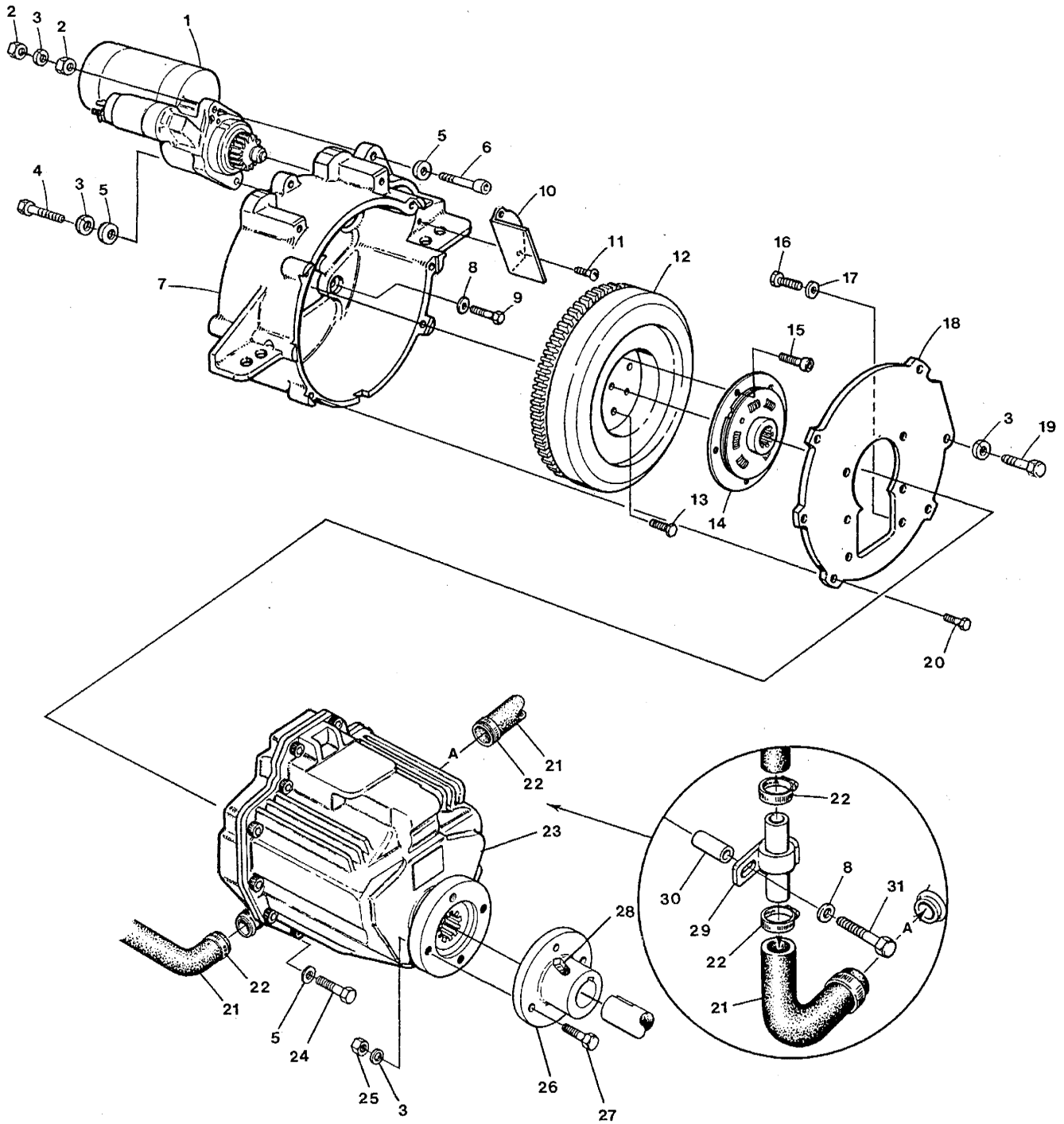


JS TRANSMISSION - 35C/D

JS TRANSMISSION - 35C/D

Reference #	Part #	Part Name	Remarks	Quantity
1	030593	MOTOR	STARTER 12 VDC	1
2	034589	CAPSCREW	M10 X 30 DIN 933	5
3	019262	LOCKWASHER	M10 DIN 127	14
4	031789	WASHER	M10 DIN 125	5
5	015887	NUT	M10 DIN 934	4
6	043416	PLATE	BACK	1
7	043778	FLYWHEEL	WITH RING GEAR 30230	1
8	013919	DOWEL	BACKPLATE TO HOUSING	2
9	033279	BOLT	FLYWHEEL	4
10	031792	LOCKWASHER	M12 DIN 127	12
11	031834	CAPSCREW	M12 X 1.25 X 30 DIN 961	11
12	042030	MOUNT	REAR LEFT	1
13	044379	HOSE	RAW WATER PUMP TO TRANSMISSION	1
14	011405	CLAMP	HOSE 16	4
15	034470	CAPSCREW	M10 X 45 DIN 931	2
16	024950	NUT	M10 X 1.25 DIN 934	4
17-1	023706	COUPLING	0.75 BORE	1
17-2	023707	COUPLING	0.875 BORE	1
17-3	023708	COUPLING	1.0 BORE	1
17-4	023709	COUPLING	1.125 BORE	1
17-5	023710	COUPLING	1.25 BORE	1
17-6	023711	COUPLING	1.375 BORE	1
17-7	023712	COUPLING	1.5 BORE	1
18	031228	CAPSCREW	M10 X 1.25 X 30 DIN 961	4
19-1	023651	SETSCREW	COUPLING 3/8NC X 3/4	2
19-2	023652	SETSCREW	COUPLING 3/8NC X 1	2
20	034189	SPACER	BRACKET	1
21	037504	CONNECTOR	INCLUDING BRACKET - RAW WATER INLET	1
22	037456	HOSE	TRANSMISSION TO CONNECTOR	1
23	037507	CAPSCREW	M12 X 1.25 X 80 DIN 960	1
24	042032	MOUNT	REAR RIGHT	1
25	035822	GEAR	MODEL JS 2 . 47 : 1	1
26	035307	CAPSCREW	M10 X 65 DIN 912	1
27	024778	SCREW	DAMPER	5
28	030940	DAMPER	BW/JS TRANSMISSION	1

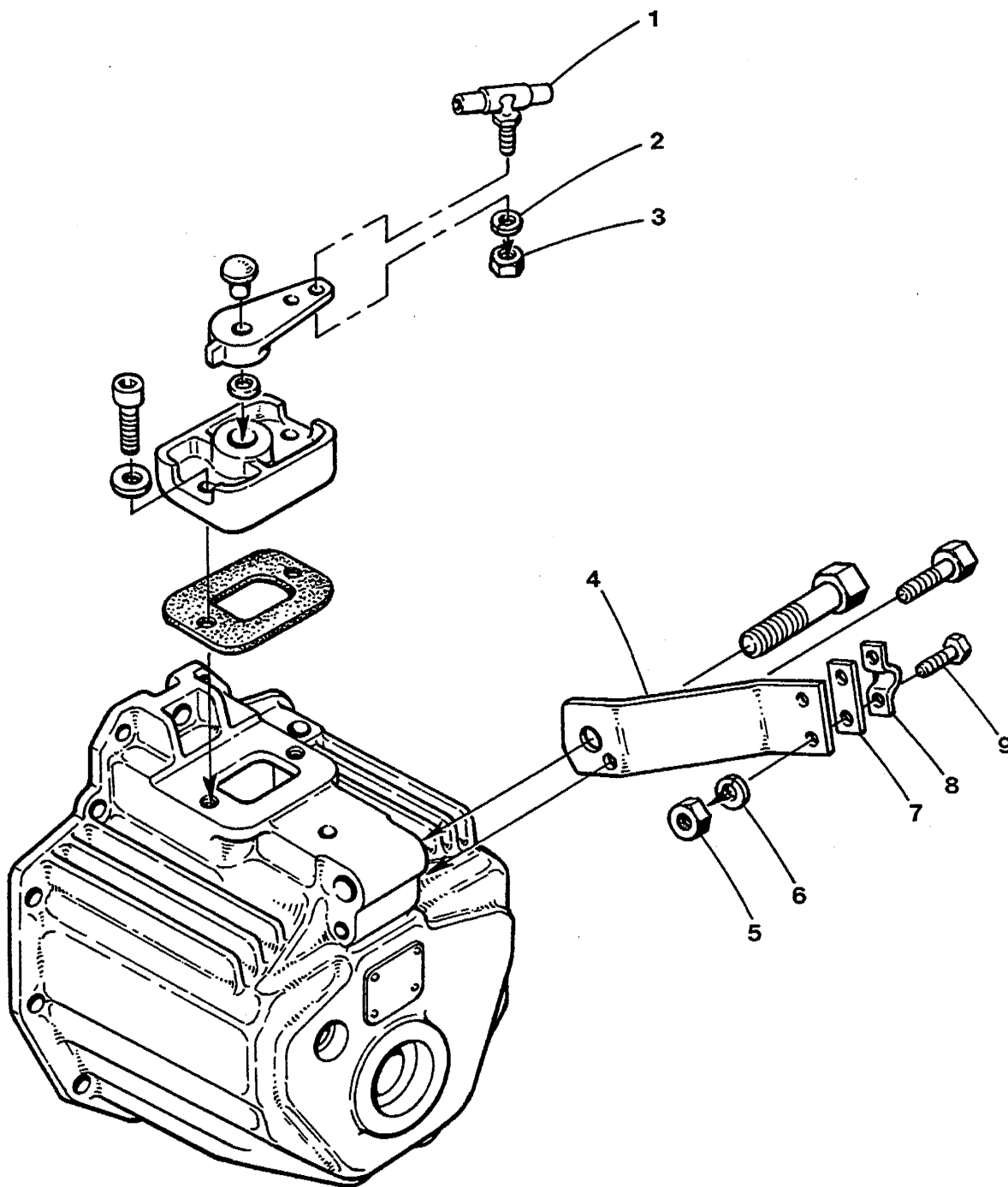
BW7 TRANSMISSION - 35C/D



BW7 TRANSMISSION - 35C/D

Reference #	Part #	Part Name	Remarks	Quantity
1	030593	MOTOR	STARTER 12 VDC	1
2	015887	NUT	M10 DIN 934	2
3	019262	LOCKWASHER	M10 DIN 127	11
4	034589	CAPSCREW	M10 X 30 DIN 933	1
5	031789	WASHER	M10 DIN 125	4
6	013631	CAPSCREW	M10 X 55 DIN 933	1
7	043097	HOUSING	FLYWHEEL	1
8	031792	LOCKWASHER	M12 DIN 127	7
9	031834	CAPSCREW	M12 X 1.25 X 30 DIN 961	6
10	039830	COVER	STARTER ACCESS	1
11	039578	SCREW	M5 X 12 HEX WASHER HEAD	2
12	043778	FLYWHEEL	WITH RING GEAR 30230	1
13	033279	BOLT	FLYWHEEL	4
14	030940	DAMPER	BW TRANSMISSION	1
15	024778	SCREW	DAMPER	5
16	020650	CAPSCREW	M8 X 18 DIN 933	6
17	031786	LOCKWASHER	M8 DIN 127	6
18	039762	ADAPTER	TRANSMISSION TO HOUSING	1
19	013629	CAPSCREW	M10 X 25 DIN 933	4
20	039218	CAPSCREW	M10 X 25 LOW HEAD	2
21	030166	HOSE	7/8"	1
22	011405	CLAMP	HOSE 16	4
23-1	030951	BW7 GEAR	2 : 1	1
23-2	039906	BW7 GEAR	2 .47 : 1	1
24	034470	CAPSCREW	M10 X 45 DIN 931	2
25	024950	NUT	M10 X 1.25 DIN 934	4
26-1	023706	COUPLING	0.75 BORE	1
26-2	023707	COUPLING	0.875 BORE	1
26-3	023708	COUPLING	1.0 BORE	1
26-4	023709	COUPLING	1.125 BORE	1
26-5	023710	COUPLING	1.25 BORE	1
26-6	023711	COUPLING	1.375 BORE	1
26-7	023712	COUPLING	1.5 BORE	1
27	031228	CAPSCREW	M10 X 1.25 X 30 DIN 961	4
28-1	023652	SETSCREW	COUPLING 3/8NC X 1	2
28-2	023651	SETSCREW	COUPLING 3/8NC X 3/4	2
29	037504	CONNECTOR	INCLUDING BRACKET- RAW WATER INLET	1
30	034189	SPACER	BRACKET	1
31	037507	CAPSCREW	M12 X 1.25 X 80 DIN 960	1

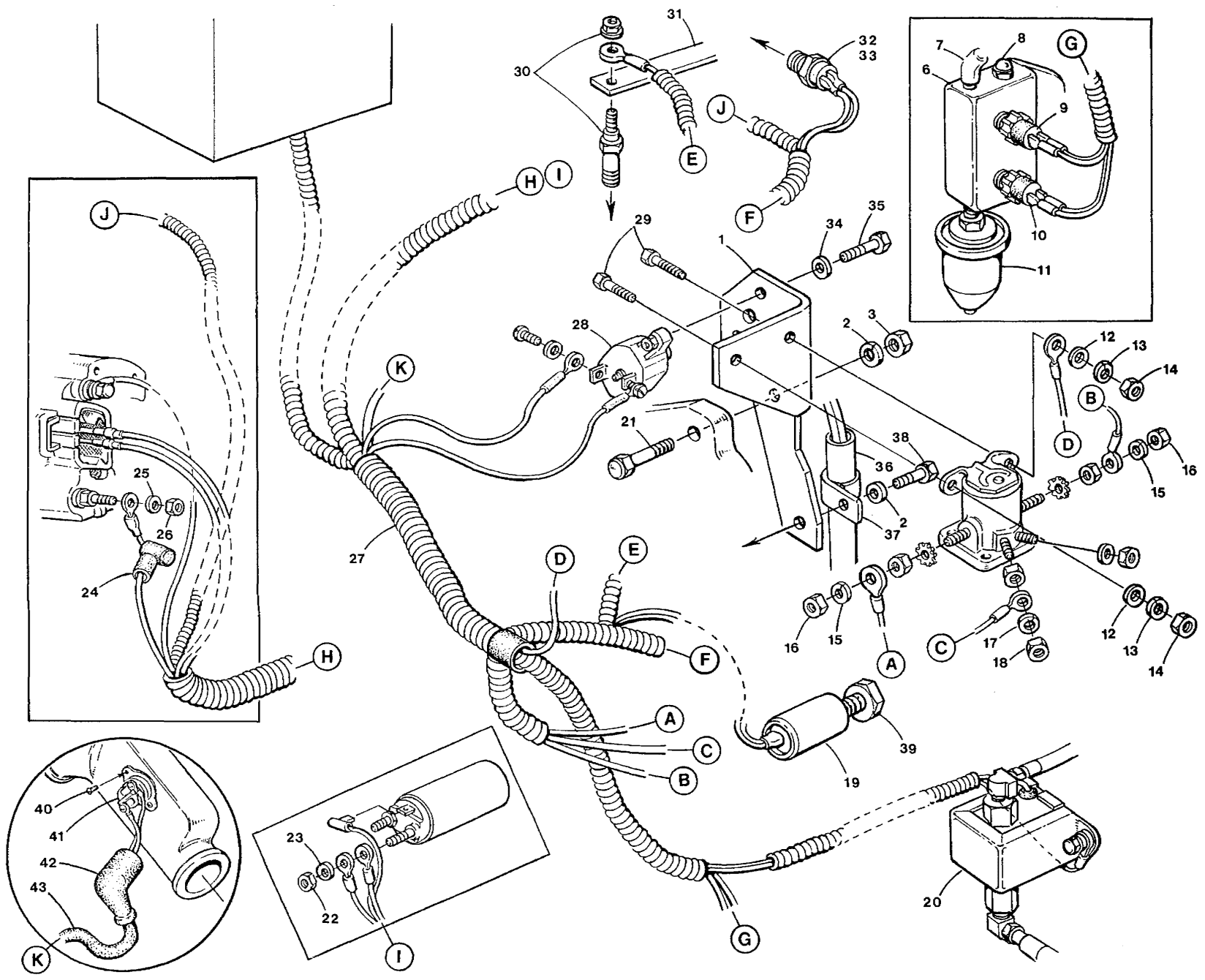
BW7 & JS TRANSMISSION SHIFTING BRACKET - 35C/D



BW7 & JS TRANSMISSION SHIFTING BRACKET - 35C/D

Reference #	Part #	Part Name	Remarks	Quantity
1	033482	BALLJOINT	SHIFT CABLE	1
2	031752	LOCKWASHER	1/4	1
3	031754	NUT	1/4NF	1
4	031451	BRACKET	SHIFT CABLE	1
5	031847	NUT	10-32 SS HEX	2
6	031849	LOCKWASHER	10 SS	2
7	013870	SHIM	CABLE CLAMP	1
8	013325	CLAMP	CABLE	1
9	031873	SCREW	10-32 X 5/8 SS BINDING HEAD	2

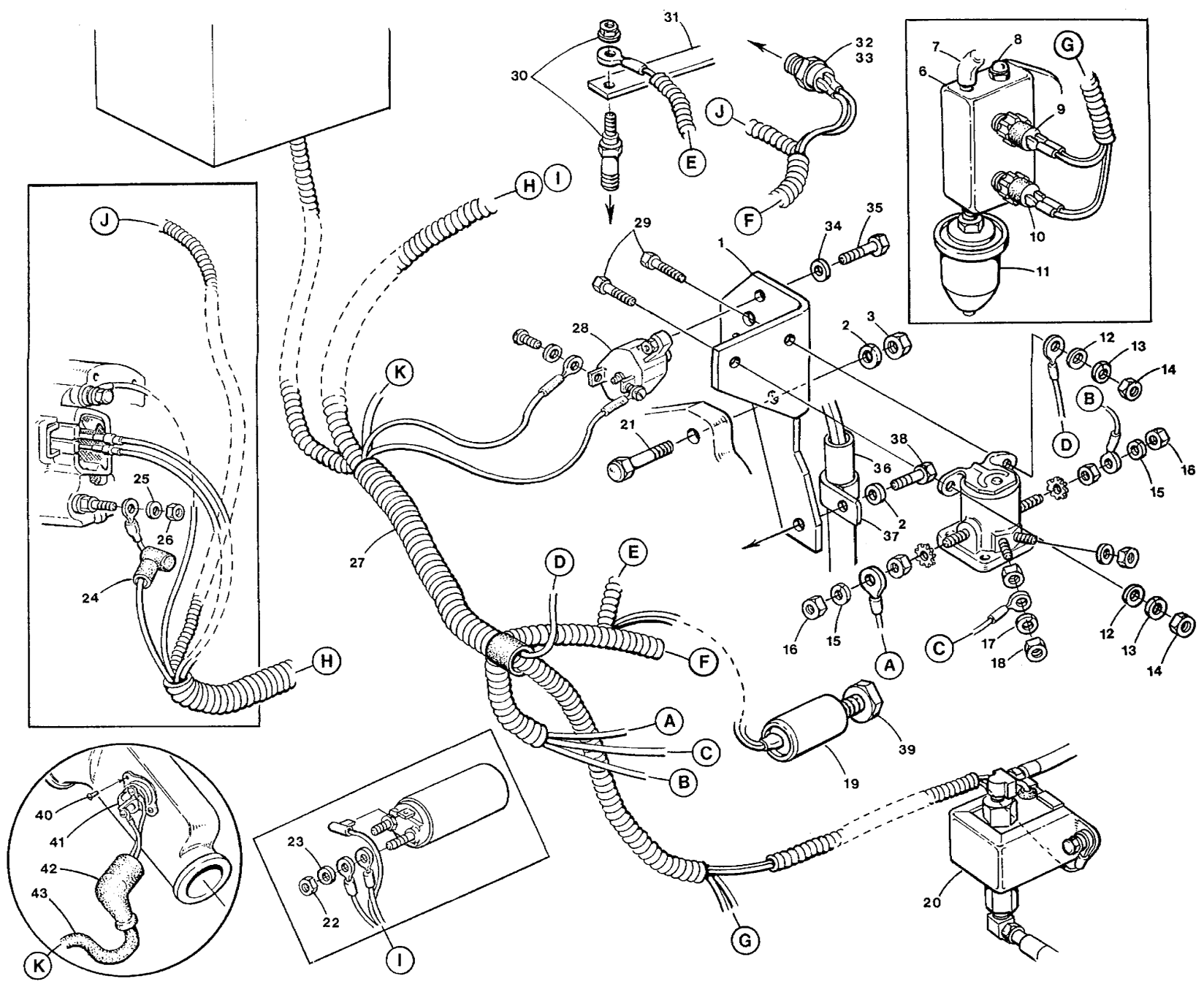
ELECTRICAL SYSTEM - 8.0 - 10.0 BTDA



ELECTRICAL SYSTEM - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1-1	044364	BRACKET	SOLENOID-BREAKER	1
1-2	044248	BRACKET	SOLENOID-BREAKER - UNGROUNDED UNITS	1
2	019262	LOCKWASHER	M10 DIN 127	3
3	015887	NUT	M10 DIN 934	2
4-1	024639	SOLENOID	PREHEAT 12 VDC	1
4-2	022249	SOLENOID	PREHEAT 24 VDC	1
4-3	011489	SOLENOID	PREHEAT & GROUND 12 VDC UNGROUNDED	2
4-4	022249	SOLENOID	PREHEAT & GROUND 24 VDC UNGROUNDED	2
6	043902	HEADER	OIL PRESSURE SENDER AND SWITCHES	1
7	015122	ELBOW	1/8NPT45 STREET STEEL	1
8	019369	PLUG	1/8NPT HEX HEAD BRASS	2
9	011552	SWITCH	OIL PRESSURE- AUXILIARY	1
10	037323	SWITCH	OIL PRESSURE	1
11-1	024132	SENDER	OIL PRESSURE 100 PSI 12 VDC	1
11-2	042161	SENDER	OIL PRESSURE 80 PSI 24 VDC	1
11-3	011916	SENDER	OIL PRESSURE 150 PSI UNGROUNDED	1
11-4	024975	SENDER	OIL PRESSURE 100 PSI 12 VDC DUAL PANEL	1
11-5	034911	SENDER	OIL PRESSURE 150 PSI UNGROUND DUAL PNL	1
12	031753	WASHER	FLAT 1/4	2
13	031752	LOCKWASHER	1/4	2
14	031750	NUT	1/4NC	2
15	031758	LOCKWASHER	5/16	2
16	031760	NUT	5/16NF	2
17	031849	LOCKWASHER	10 SS	2
18	031847	NUT	10-32 SS HEX	2
19-1	037100	SOLENOID	FUEL SHUTOFF 12 VDC	1
19-2	044225	SOLENOID	FUEL SHUTOFF 24 VDC	1
19-3	044990	ACTUATOR	ELECTRONIC GOVERNOR 12 VDC	1
19-4	044991	ACTUATOR	ELECTRONIC GOVERNOR 24 VDC	1
20-1	039275	PUMP	FUEL LIFT 12 VDC	1
20-2	046631	PUMP	FUEL LIFT 24 VDC	1
21	034470	CAPSCREW	M10 X 45 DIN 931	2
22	018242	NUT	M8 DIN 934	2
23	031786	LOCKWASHER	M8 DIN 127	2
24	035449	BOOT		1
25	031784	WASHER	M6 DIN 125	2
26	015812	NUT	M6 DIN 934	2
27-1	044241	HARNESS	GENSET	1
27-2	044340	HARNESS	GENSET - UNGROUNDED UNITS	1
28-1	024683	BREAKER	CIRCUIT 20 AMP 12 VDC	1
28-2	020946	BREAKER	CIRCUIT 10 AMP 24 VDC	1
29	031503	CAPSCREW	1/4NC X 3/4	2
30-1	024353	GLOWPLUG	12 VDC	3
30-2	034467	GLOWPLUG	24 VDC	3
31	045266	STRAP	GLOWPLUG CONNECTING	1
32	039550	SWITCH	WATER TEMPERATURE	1

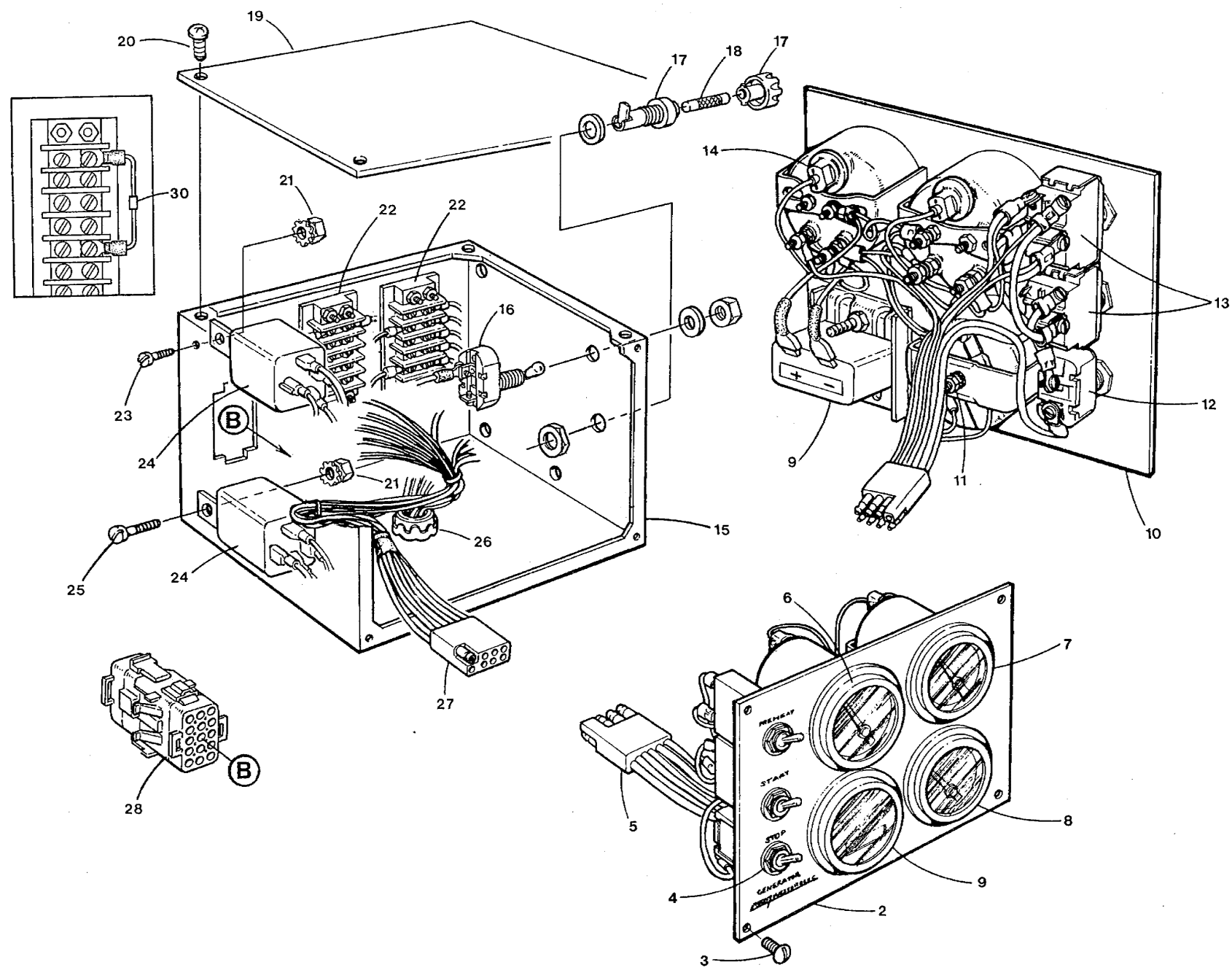
ELECTRICAL SYSTEM - 8.0 - 10.0 BTDA



ELECTRICAL SYSTEM - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
33	024602	ADAPTER	M16 X 1.5 TO 1/8NPT	1
34	031843	WASHER	FLAT 8 SS	2
35	043480	SCREW	8-32 X 7/8 SS HEX WASHER HEAD	2
36-1	046739	MODULE	CURRENT TIMING 9-36 VDC	1
36-2	046741	MODULE	CURRENT TIMING UNGROUNDED UNITS	1
37	013737	CLAMP	CABLE	1
38	034589	CAPSCREW	M10 X 30 DIN 933	1
39	034669	NUT	M30	1
40	035711	SCREW	6-20 X 1/4 TAPPING	2
41	032923	SWITCH	EXHAUST TEMPERATURE	1
42	035754	BOOT	EXHAUST TEMPERATURE SWITCH	1
43	033213	TUBING	TEFLON-PROTECT WIRE - INCHES REQUIRED	12
44-1	035109	SENDER	WATER TEMPERATURE 1/8NPT 12 VDC	1
44-2	011915	SENDER	WATER TEMPERATURE 1/4NPT UNGROUNDED	1
44-3	022124	SENDER	WATER TEMPERATURE DUAL PANEL	1
44-4	034912	SENDER	WATER TEMPERATURE DUAL PANEL UNGRND	1

CONTROL PANEL - 8.0 - 10.0 BTDA

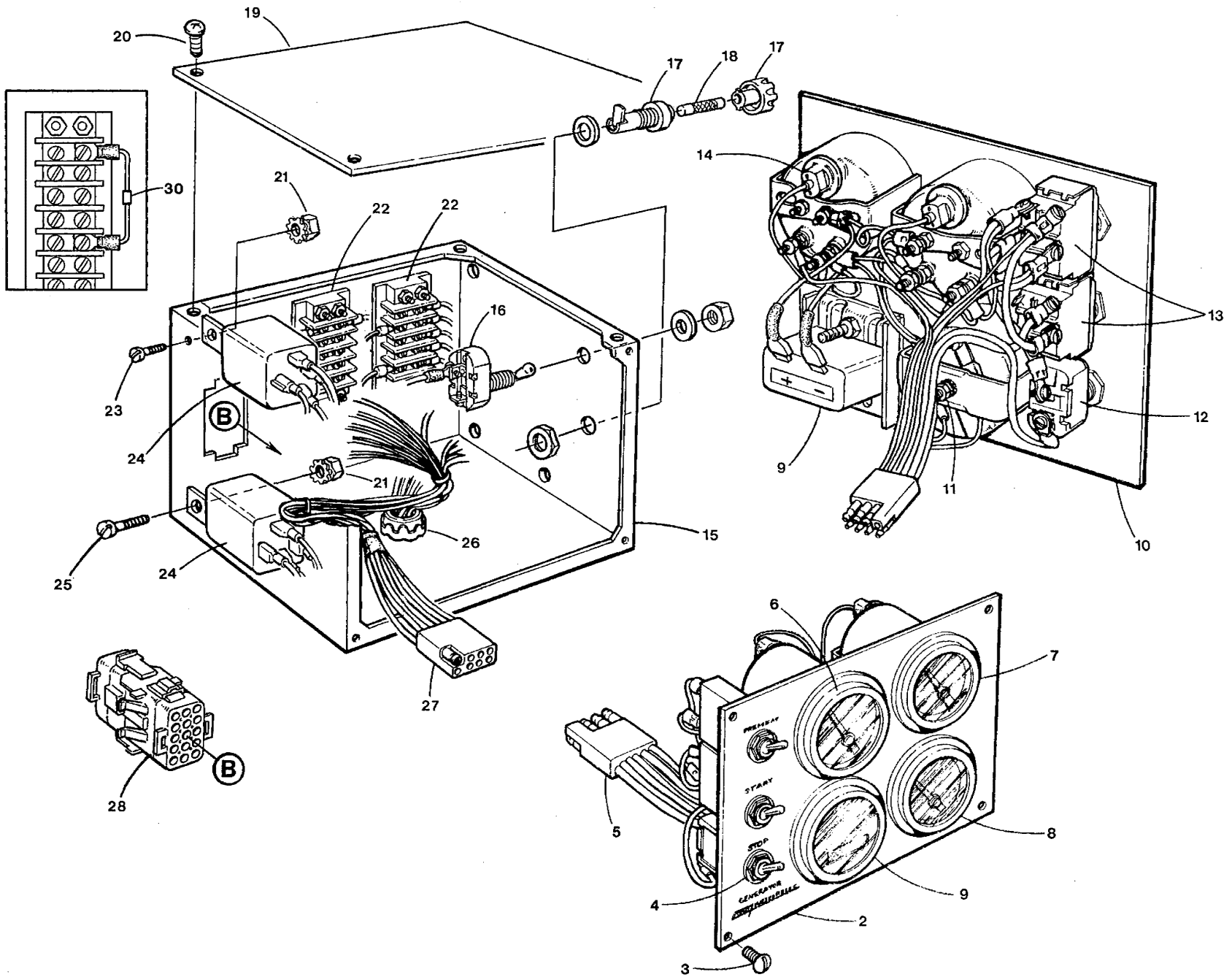


70

CONTROL PANEL - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1-1	044360	PANEL	BOX & HARNESS 12 VDC	1
1-2	044877	PANEL	BOX & HARNESS 12 VDC UNGROUNDED	1
1-3	044363	PANEL	BOX & HARNESS 24 VDC	1
1-4	044878	PANEL	BOX & HARNESS 24 VDC UNGROUNDED	1
2-1	036539	PANEL	GENSET CONTROL 12 VDC	1
2-2	046775	PANEL	GENSET CONTROL 12 VDC UNGROUNDED	1
2-3	046887	PANEL	REMOTE CONTRL 12 VDC UNG W/15 PIN PLUG	1
2-4	042162	PANEL	GENSET CONTROL 24 VDC	1
2-5	046776	PANEL	GENSET CONTROL 24 VDC UNGROUNDED	1
2-6	046888	PANEL	REMOTE CONTRL 24 VDC UNG W/15 PIN PLUG	1
2-7	044246	PANEL	REMOTE CONTROL 12 VDC W/15 PIN PLUG	1
3	034421	SCREW	8-32 X 3/8 TRUSS HEAD BLACK SS	4
4	031999	RING	TOGGLE SWITCH MOUNT LOCKING	3
5-1	036538	HARNESS	GENSET PANEL	1
5-2	046885	HARNESS	GENSET PANEL UNGROUNDED	1
5-3	044252	HARNESS	GENSET PANEL W/15 PIN CONNECTOR	1
5-4	046886	HARNESS	GENSET PANEL UNG W/15 PIN CONNECTOR	1
6-1	037601	METER	WATER TEMPERATURE 12 VDC	1
6-2	042158	METER	WATER TEMPERATURE 24 VDC	1
6-3	046754	METER	WATER TEMPERATURE 12/24 VDC UNGROUND	1
7-1	037603	METER	OIL PRESSURE 12 VDC	1
7-2	042157	METER	OIL PRESSURE 24 VDC 80 PSI	1
7-3	046674	METER	OIL PRESSURE 12/24 VDC UNGROUNDED	1
8-1	037605	VOLTMETER	12 VDC	1
8-2	042156	VOLTMETER	24 VDC	1
8-3	046755	VOLTMETER	12 VDC UNGROUNDED	1
8-4	046675	VOLTMETER	24 VDC UNGROUNDED	1
9-1	036192	HOURMETER	12 VDC	1
9-2	042159	HOURMETER	24 VDC	1
9-3	046676	HOURMETER	12/24 VDC UNGROUNDED	1
10	034485	PLATE	PANEL	1
11	031904	NUT	10-24 KEPS	1
12	024731	SWITCH	STOP	1
13	024732	SWITCH	PREHEAT AND START	2
14-1	042893	LAMP	INSTRUMENT 12 VDC INCLUDING HOLDER	3
14-2	035825	WIRE	POWER TO METER LAMPS	3
14-3	045094	LAMP KIT	24 VDC	1
15	043840	BOX	GENSET CONTROL PANEL	1
16	033259	SWITCH	EMERGENCY STOP	1
17	043747	HOLDER	FUSE	1
18	033769	FUSE	8 AMP	1
19	040185	COVER	PANEL BOX	1
20	031891	SCREW	8-32 X 3/8 SS TRUSS HEAD	4
21	200125	NUT	10-32 KEPS	2
22-1	039928	BLOCK	TERMINAL 10 POSITION	2
22-2	039929	MARKER	TERMINAL BLOCK	2
22-3	015222	SCREW PLATE	TERMINAL BLOCK	4
22-4	015223	JUMPER	TERMINAL BLOCK	3
22-5	031855	SCREW	6-32 X 5/8 SS BINDING HEAD	7
22-6	031857	SCREW	6-32 X 7/8 SS BINDING HEAD	1
22-7	050234	NUT	6-32 KEPS	8

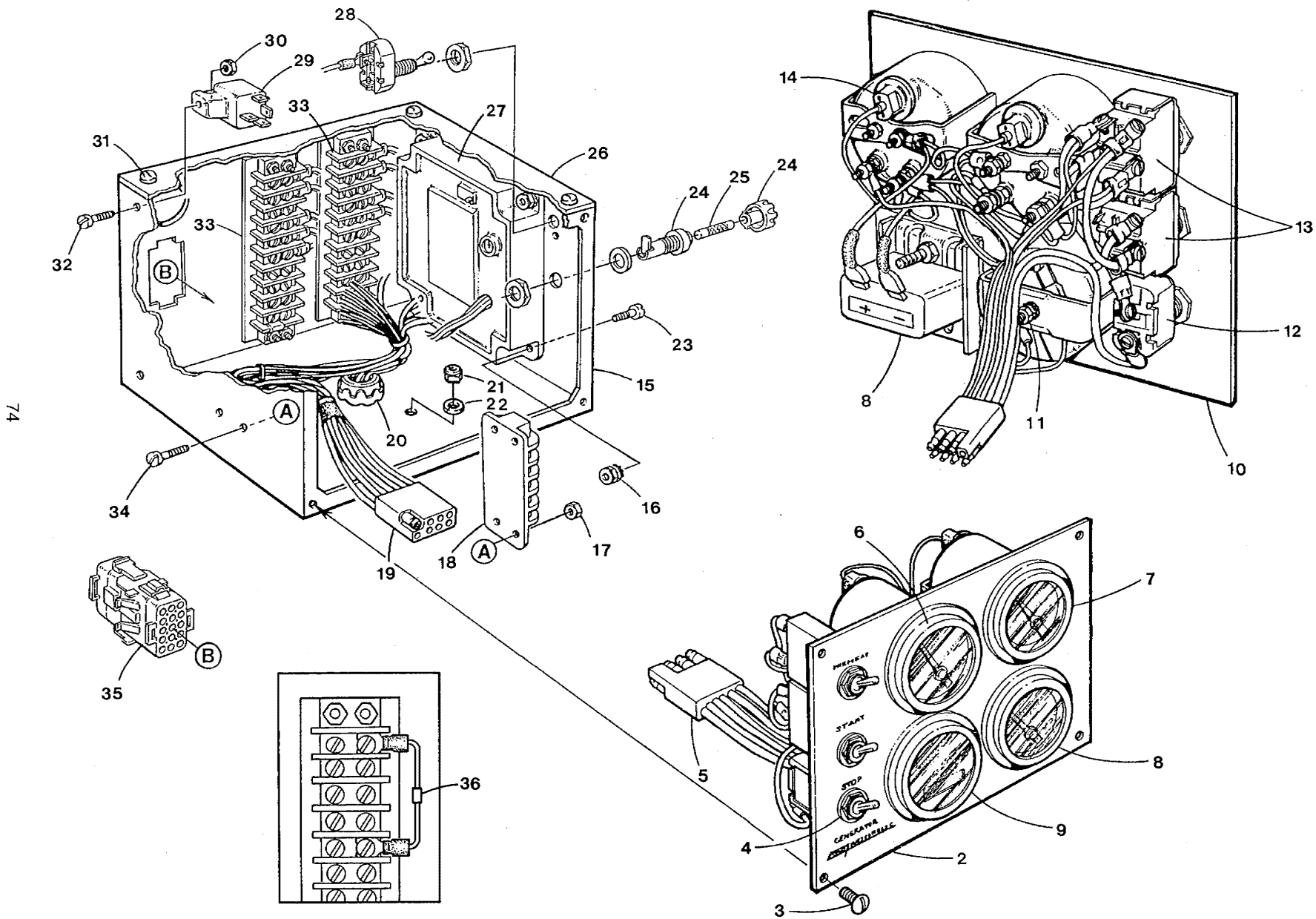
CONTROL PANEL - 8.0 - 10.0 BTDA



CONTROL PANEL - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
23	031872	SCREW	10-32 X 1/2 SS BINDING HEAD	1
24-1	037833	RELAY	12 VDC	2
24-2	039858	RELAY	24 VDC	2
25	031872	SCREW	10-32 X 1/2 SS BINDING HEAD	1
26	023937	BUSHING		1
27	043737	HARNESS	GENSET PANEL BOX	1
28-1	043818	CONNECTOR	MALE JUMPER-IF REMOTE PNL NOT INSTALLED	1
28-2	043746	CONNECTOR	ASSEMBLY FEMALE FOR REMOTE PANEL	1
29	039461	RESISTOR	GAUGE 24 TO 12 VDC FOR UNGROUND PANEL	2
30	041081	DIODE		1

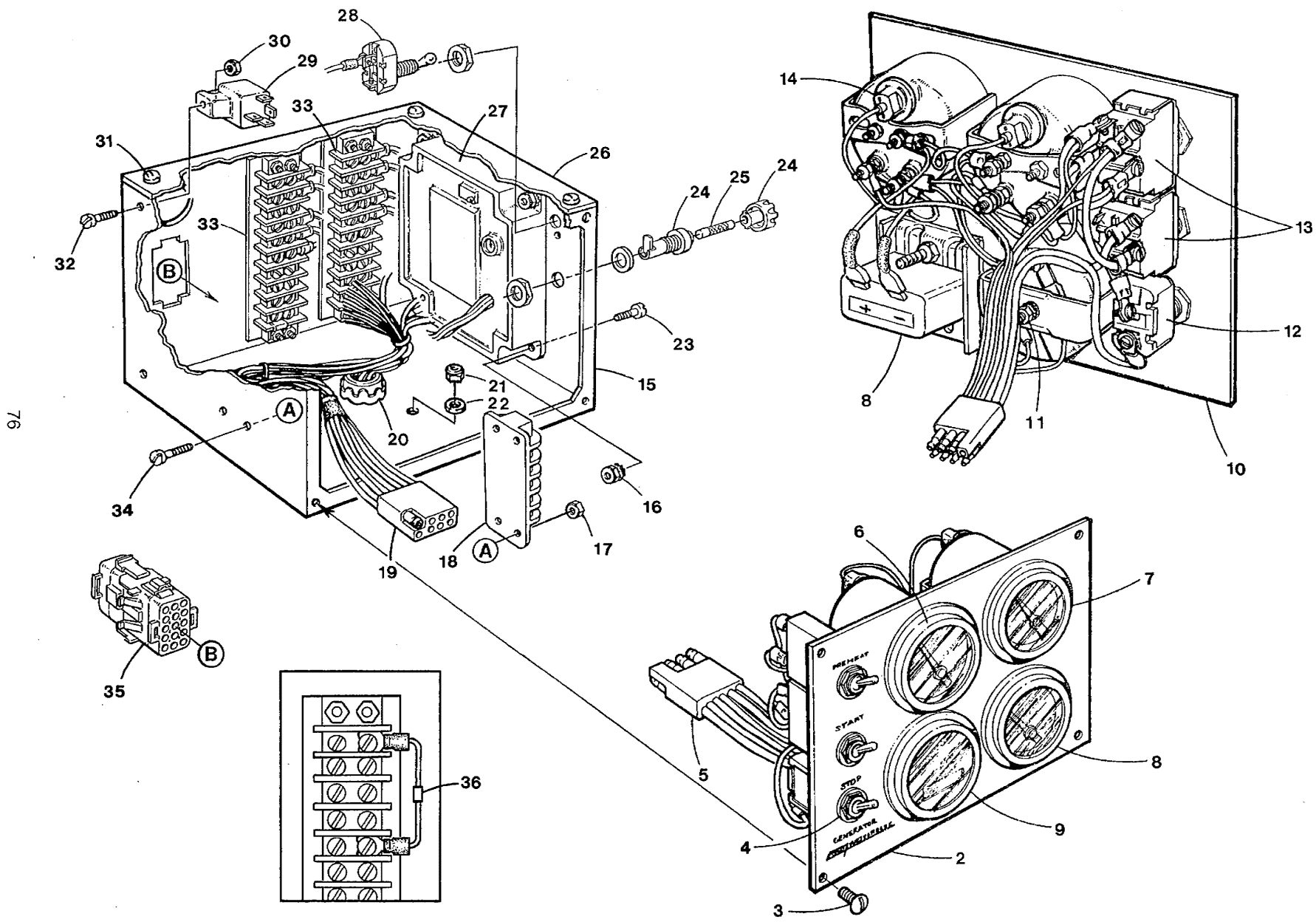
CONTROL PANEL - ELECTRONIC GOVERNOR - 8.0 - 10.0 BTDA



CONTROL PANEL - ELECTRONIC GOVERNOR - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1-1	044925	PANEL	BOX & HARNESS 12 VDC ELECTRONIC GOVERN	1
1-2	044926	PANEL	BOX & HARNESS 24 VDC ELECTRONIC GOVERN	1
1-3	044966	PANEL	BOX & HARNESS 12 VDC ELECT. GOV. UNGRND	1
1-4	044967	PANEL	BOX & HARNESS 24 VDC ELECT. GOV. UNGRND	1
2-1	036539	PANEL	GENSET CONTROL 12 VDC	1
2-2	046775	PANEL	GENSET CONTROL 12 VDC UNGROUNDED	1
2-3	042162	PANEL	GENSET CONTROL 24 VDC	1
2-4	046776	PANEL	GENSET CONTROL 24 VDC UNGROUNDED	1
2-5	044246	PANEL	REMOTE CONTROL 12 VDC W/15 PIN PLUG	1
2-6	046887	PANEL	REMOTE CONTRL 12 VDC UNG W/15 PIN PLUG	1
2-7	046888	PANEL	REMOTE CONTRL 24 VDC UNG W/15 PIN PLUG	1
3	034421	SCREW	8-32 X 3/8 SS TRUSS HEAD BLACK	4
4	031999	RING	TOGGLE SWITCH MOUNT LOCKING	3
5-1	036538	HARNESS	GENSET PANEL	1
5-2	046885	HARNESS	GENSET PANEL UNGROUNDED	1
5-3	044252	HARNESS	GENSET PANEL W/15 PIN CONNECTOR	1
5-4	046886	HARNESS	GENSET PANEL UNG W/15 PIN CONNECTOR	1
6-1	037601	METER	WATER TEMPERATURE 12 VDC	1
6-2	042158	METER	WATER TEMPERATURE 24 VDC	1
6-3	046754	METER	WATER TEMPERATURE 12/24 VDC UNGROUND	1
7-1	037603	METER	OIL PRESSURE 12 VDC	1
7-2	042157	METER	OIL PRESSURE 24 VDC 80 PSI	1
7-3	046674	METER	OIL PRESSURE 12/24 VDC UNGROUNDED	1
8-1	037605	VOLTMETER	12 VDC	1
8-2	042156	VOLTMETER	24 VDC	1
8-3	046755	VOLTMETER	12 VDC UNGROUNDED	1
8-4	046675	VOLTMETER	24 VDC UNGROUNDED	1
9-1	036192	HOURLMETER	12 VDC	1
9-2	042159	HOURLMETER	24 VDC	1
9-3	046676	HOURLMETER	12/24 VDC UNGROUNDED	1
10	034485	PLATE	PANEL	1
11	031904	NUT	10-24 KEPS SS	1
12	024731	SWITCH	STOP	1
13	024732	SWITCH	PREHEAT AND START	2
14-1	042893	LAMP	INSTRUMENT 12 VDC INCLUDING HOLDER	3
14-2	035825	WIRE	POWER TO METER LAMPS	3
14-3	045094	LAMP KIT	24 VDC	1
15	043840	BOX	GENSET CONTROL PANEL	1
16	200125	NUT	10-32 KEPS	4
17	050234	NUT	6-32 KEPS	4
18-1	050201	BLOCK	TERMINAL 6 POSITION	1
18-2	050374	MARKER	TERMINAL BLOCK	1
19	043737	HARNESS	GENSET PANEL BOX	1
20	023937	BUSHING		1
21	015812	NUT	M6 DIN 934	4
22	031783	LOCKWASHER	M6 DIN 127	4
23	031872	SCREW	10-32 X 1/2 SS BINDING HEAD	4
24	043747	HOLDER	FUSE	1
25	033769	FUSE	8 AMP	1
26	040185	COVER	PANEL BOX	1

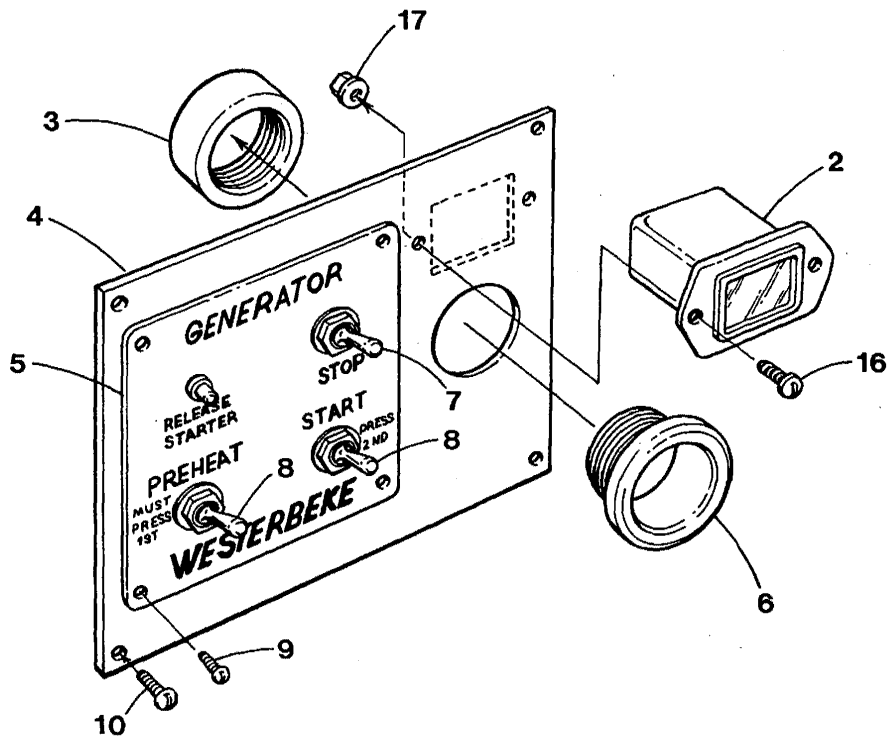
CONTROL PANEL - ELECTRONIC GOVERNOR - 8.0 - 10.0 BTDA



CONTROL PANEL - ELECTRONIC GOVERNOR - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
27-1	303008	CONTROLLER	GOVERNOR 12 VDC	1
27-2	039747	CONTROLLER	GOVERNOR 24 VDC	1
28	033259	SWITCH	EMERGENCY STOP	1
29-1	037833	RELAY	12 VDC	2
29-2	037833	RELAY	12 VDC UNG	3
29-3	039858	RELAY	24 VDC	2
29-4	039858	RELAY	24 VDC UNG	3
30	050234	NUT	6-32 KEPS	2
31	031891	SCREW	8-32 X 3/8 TRUSS HEAD SS	4
32	031872	SCREW	10-32 X 1/2 SS BINDING HEAD	2
33-1	039928	BLOCK	TERMINAL 10 POSITION	2
33-2	039929	MARKER	TERMINAL BLOCK	2
33-3	015222	SCREW PLATE	TERMINAL BLOCK	4
33-4	015223	JUMPER	TERMINAL BLOCK	3
33-5	031855	SCREW	6-32 X 5/8 SS BINDING HEAD	7
33-6	031857	SCREW	6-32 X 7/8 SS BINDING HEAD	1
33-7	050234	NUT	6-32 KEPS	8
34	031855	SCREW	6-32 X 5/8 SS BINDING HEAD	2
35-1	043818	CONNECTOR	MALE JUMPER-IF REMOTE PNL NOT INSTALLED	1
35-2	043746	CONNECTOR	ASSEMBLY FEMALE FOR REMOTE PANEL	1
36	041081	DIODE		1
37	039461	RESISTOR	GAUGE 24 TO 12 VDC FOR UNGROUND PANEL	2

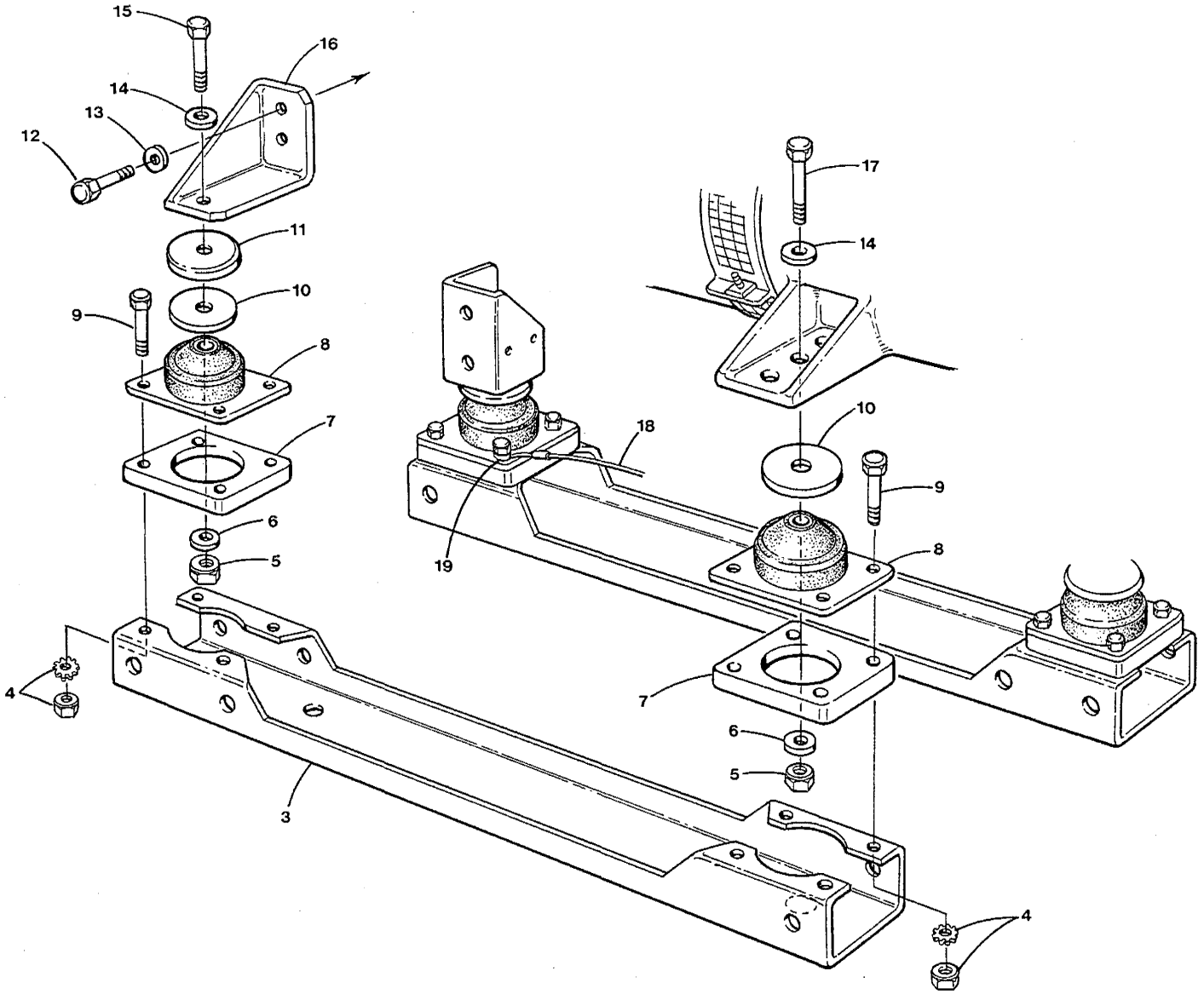
GENERATOR START/STOP PANELS - 8.0 - 10.0 BTDA



GENERATOR START/STOP PANELS - 8.0 - 10.0 BTDA

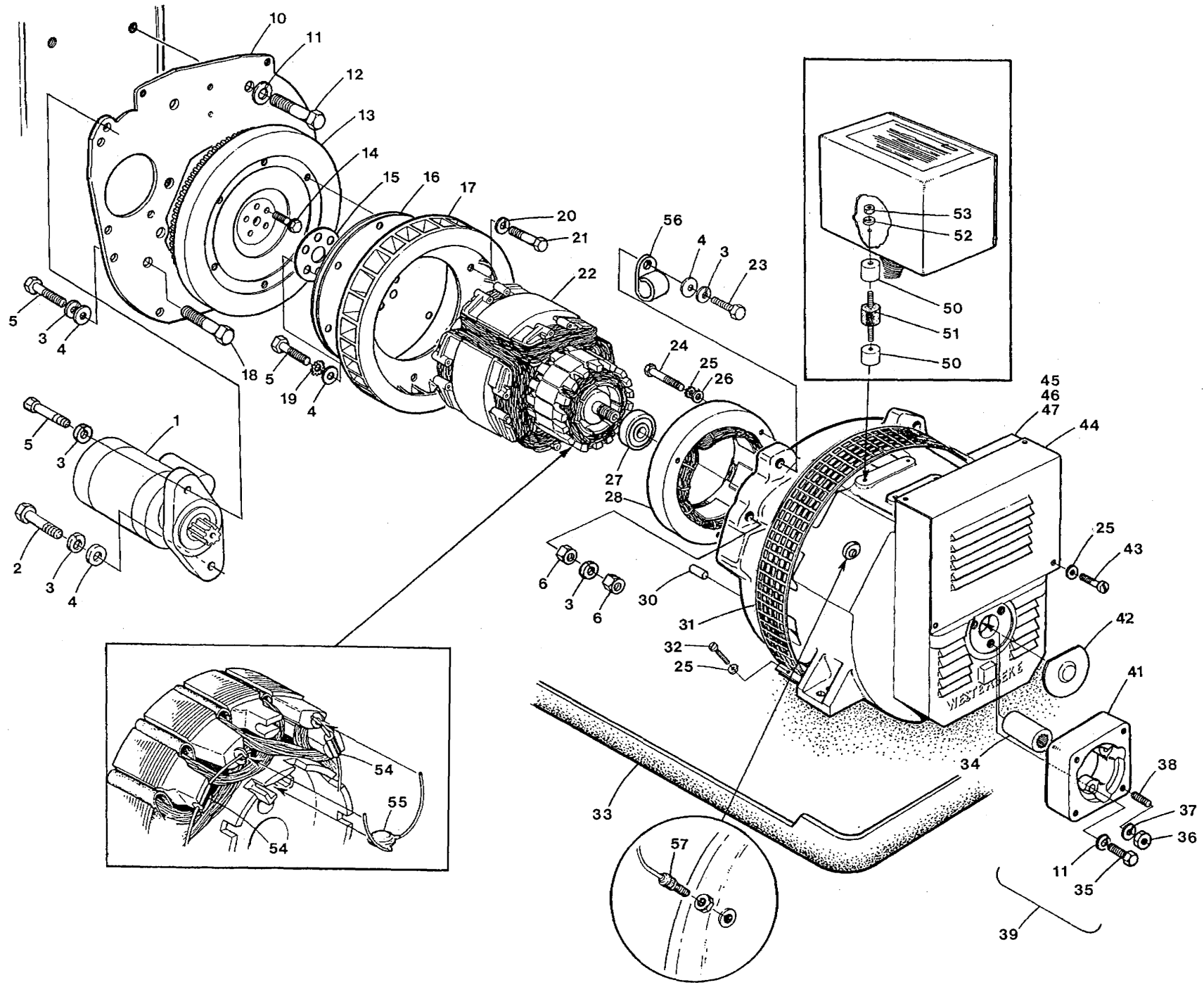
Reference #	Part #	Part Name	Remarks	Quantity
1-1	042448	PANEL	START-STOP 12 VDC 8 PIN PLUG	1
1-2	044826	PANEL	START-STOP 12 VDC W/HRMETER 8 PIN PLUG	1
1-3	042620	PANEL	START-STOP 24 VDC W/HRMETER 8 PIN PLUG	1
2	042388	HOURMETER	12/24 VDC	1
3	011812	BUSHING	INSULATED FEMALE 1.25	1
4-1	043950	PLATE	PANEL BOX RED	1
4-2	043929	PLATE	PANEL BOX WHITE	1
5-1	024943	PANEL	START-STOP CONTROL 12 VDC NO HARNESS	1
5-2	044336	PANEL	START-STOP CONTROL 12 VDC 15 PIN PLUG	1
5-3	044586	PANEL	START-STOP CONTROL 24 VDC 15 PIN PLUG	1
6	011811	BUSHING	INSULATED MALE 1.25	1
7	024731	SWITCH	STOP	1
8	024732	SWITCH	PREHEAT AND START	2
9	039004	SCREW	6-32 X 1/4 SS FLAT HEAD BLACK	4
10	034421	SCREW	8-32 X 3/8 SS TRUSS HEAD BLACK	4
11	032975	LED		1
12-1	013723	RESISTOR	12 VDC	1
12-2	042621	RESISTOR	24 VDC	1
13	013724	DIODE		1
14-1	042447	CABLE	8 PIN FOR PANEL 42448 - 42620 - 44826	1
14-2	043913	CABLE	15 PIN FOR PANEL 44336 - 44586	1
15-1	038220	DIAGRAM	WIRING 24943 START-STOP PANEL	1
15-2	044442	DIAGRAM	WIRING START-STOP PANELS 8 PIN PLUG	1
16	031853	SCREW	6-32 X 3/8 SS BINDING HEAD	2
17	050234	NUT	6-32 KEPS	2

MOUNTING ASSEMBLY - 8.0 - 10.0 BTDA



MOUNTING ASSEMBLY - 8.0 - 10.0 BTDA

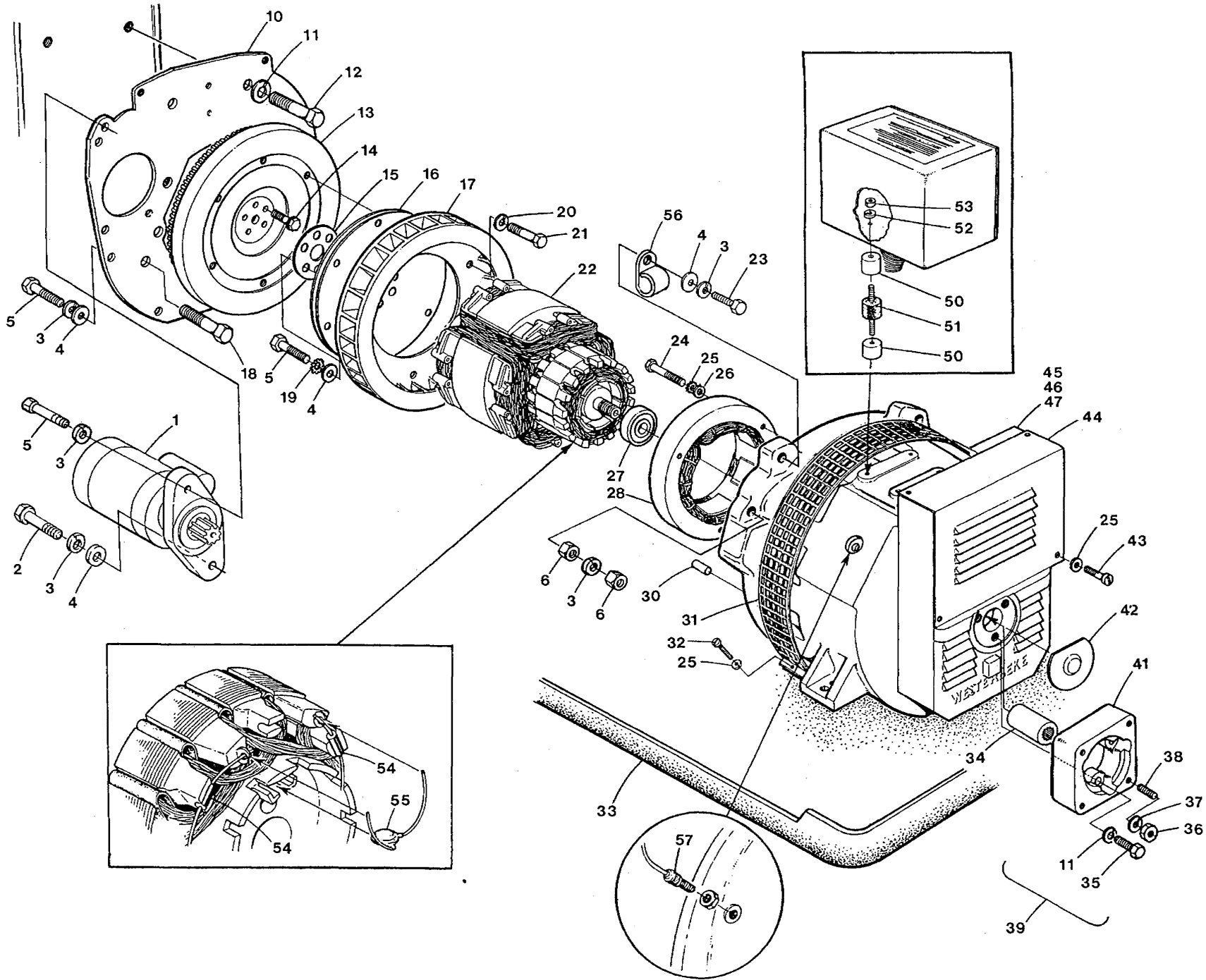
Reference #	Part #	Part Name	Remarks	Quantity
1	044333	RAIL ASSEMBLY	LEFT - INCL. REF #S 3 - 9	1
2	044334	RAIL ASSEMBLY	RIGHT - INCL. REF #S 3 - 9 & 18	1
3	043662	RAIL	GENSET	2
4	200127	NUT	5/16 KEPS	16
5	031774	NUT	1/2NC	4
6	031776	LOCKWASHER	1/2	4
7	035271	PLATE	SPACER	4
8	015238	ISOLATOR		4
9	031557	CAPSCREW	5/16NC X 1-1/2	16
10	024674	WASHER	ISOLATOR SNUBBING	8
11	033530	SHIELD	ISOLATOR	2
12	024959	CAPSCREW	M12 X 1.25 X 25 DIN 961	4
13	031792	LOCKWASHER	M12 DIN 127	4
14	031777	WASHER	FLAT 1/2	4
15	031713	CAPSCREW	1/2NC X 3	2
16	043660	MOUNT	FRONT LEFT	1
17	031714	CAPSCREW	1/2NC X 3-1/4	2
18	034593	STRAP	GROUND	1
19	031759	WASHER	FLAT 5/16	1



BACK END - 8.0 - 10.0 BTDA

BACK END - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1-1	030593	MOTOR	STARTER 12 VDC	1
1-2	042111	MOTOR	STARTER 24 VDC	1
2	034589	CAPSCREW	M10 X 30 DIN 933	1
3	019262	LOCKWASHER	M10 DIN 127	14
4	031789	WASHER	M10 DIN 125	9
5	013629	CAPSCREW	M10 X 25 DIN 933	11
6	015887	NUT	M10 DIN 934	2
10-1	043407	PLATE	BACK - 8.0 BTDA	1
10-2	043409	PLATE	BACK - 10.0 BTDA	1
11	031792	LOCKWASHER	M12 DIN 127	11
12	031834	CAPSCREW	M12 X 1.25 X 30 DIN 961	8
13-1	044644	FLYWHEEL	WITH RING GEAR 30230 - 8.0 BTDA	1
13-2	043666	FLYWHEEL	WITH RING GEAR 30230 - 10.0 BTDA	1
14	033279	BOLT	FLYWHEEL	4
15	035928	PLATE	DRIVE DISC TO ARMATURE	1
16-1	035927	PLATE	DISC DRIVE - 8.0 BTDA	2
16-2	035927	PLATE	DISC DRIVE - 10.0 BTDA	3
17	035929	FAN		1
18	024959	CAPSCREW	M12 X 1.25 X 25 DIN 961	2
19	031915	LOCKWASHER	M10 DIN 6797A	6
20-1	031835	LOCKWASHER	M8 DIN 6797J - 8.0 BTDA	8
20-2	031786	LOCKWASHER	M8 DIN 127 - 10.0 BTDA	8
21-1	037338	CAPSCREW	M8 X 20 - 8.0 BTDA	8
21-2	017196	CAPSCREW	M8 X 20 DIN 933 - 10.0 BTDA	8
22-1	035930	ARMATURE	1 PHASE - 8.0 BTDA	1
22-2	037464	ARMATURE	1 PHASE - 10.0 BTDA	1
22-3	039908	ARMATURE	3 PHASE - 10.0 BTDA	1
23	034590	CAPSCREW	M10 X 40 DIN 933	2
24	031919	CAPSCREW	M5 X 35 DIN 912	3
25	031914	LOCKWASHER	M5 DIN 6797A	8
26	031781	WASHER	M5 DIN 125	3
27-1	035932	BEARING	BALL - 8.0 BTDA	1
27-2	037460	BEARING	BALL - 10.0 BTDA	1
28-1	038354	STATOR	EXCITER 1 PHASE - 8.0 BTDA	1
28-2	037467	STATOR	EXCITER 1 PHASE - 10.0 BTDA	1
28-3	039912	STATOR	EXCITER 3 PHASE - 10.0 BTDA	1
30	019039	DOWEL		3
31	035935	GUARD	AIR	1
32	031920	SCREW	M5 X 20 DIN 84A	1
33	036376	DRIPTRAY		1
34-1	034737	DRIVE	PTO SAE-B SPLINE - 8.0 BTDA	1
34-2	037188	DRIVE	PTO SAE-B SPLINE - 10.0 BTDA	1
35	013589	CAPSCREW	M12 X 40 DIN 933	3
36	031774	NUT	1/2NC	4
37	031776	LOCKWASHER	1/2	4
38	034867	STUD	1/2NC X 2-3/16	4
39-1	034786	KIT	PTO INCL REF#S 11, 34 THRU 41 - 8.0 BTDA	1
39-2	037134	KIT	PTO INCL REF#S 11, 34 THRU 41 - 10.0 BTDA	1
40-1	034742	DRAWING	PTO INSTALLATION - 8.0 BTDA	1
40-2	037197	DRAWING	PTO INSTALLATION - 10.0 BTDA	1
41	034738	ADAPTER	PTO	1

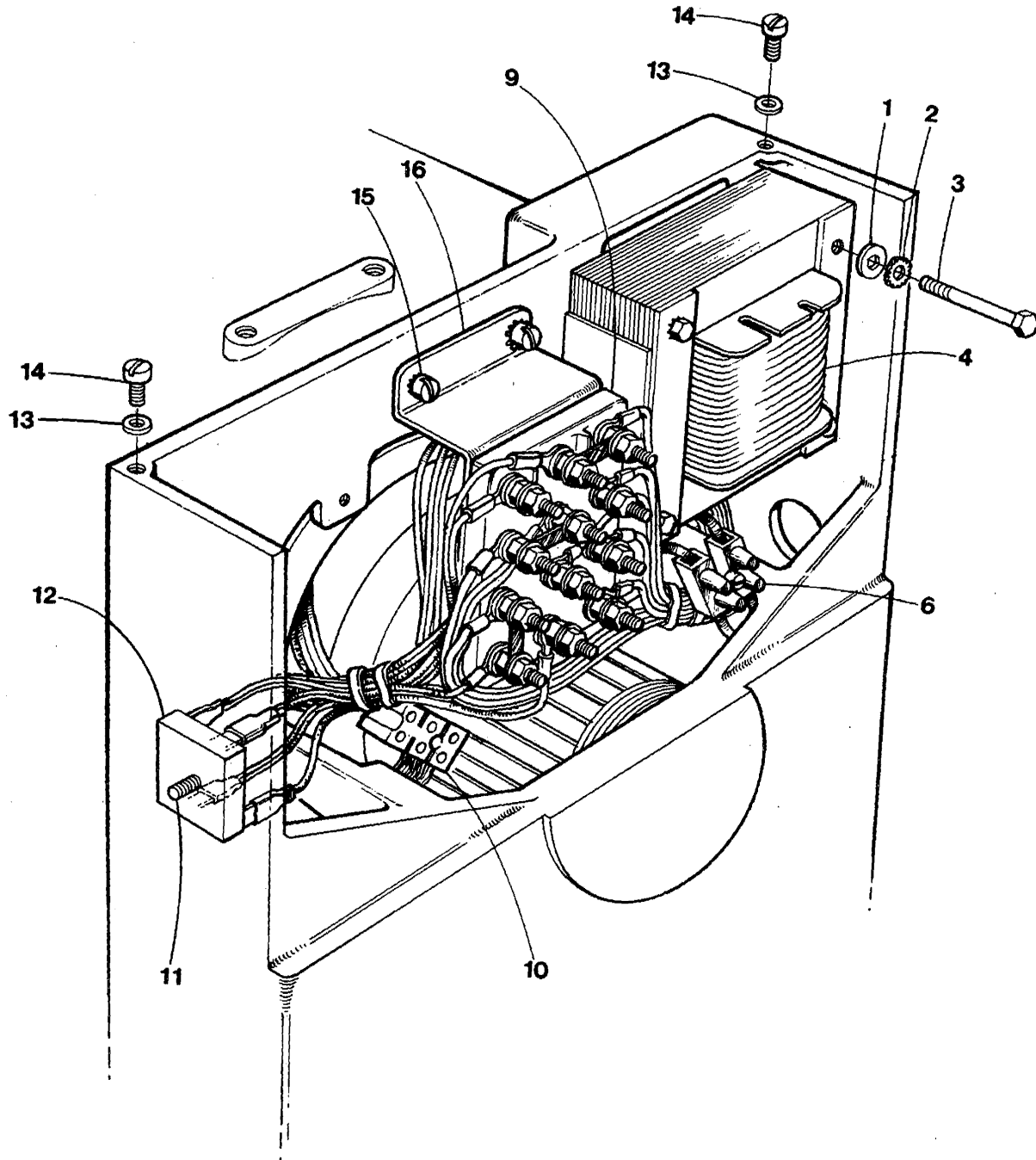


BACK END - 8.0 - 10.0 BTDA

BACK END - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
42-1	034182	COVER	PTO INTERFACE - 8.0 BTDA	1
42-2	036701	COVER	PTO INTERFACE - 10.0 BTDA	1
43	031918	SCREW	M5 X 10 DIN 84A	4
44-1	042417	COVER	8.0 BTDA	1
44-2	037851	COVER	10.0 BTDA	1
45-1	037428	GENERATOR	1 PHASE - 8.0 BTDA	1
45-2	035934	STATOR	INCLUDING HOUSING 1 PHASE - 8.0 BTDA	1
45-3	037723	STATOR	1 PHASE - 8.0 BTDA	1
46-1	037437	GENERATOR	1 PHASE - 10.0 BTDA	1
46-2	037465	STATOR	INCLUDING HOUSING 1 PHASE - 10.0 BTDA	1
46-3	037466	STATOR	1 PHASE - 10.0 BTDA	1
47-1	039913	GENERATOR	3 PHASE - 10.0 BTDA	1
47-2	039911	STATOR	INCLUDING HOUSING 3 PHASE - 10.0 BTDA	1
47-3	039910	STATOR	3 PHASE - 10.0 BTDA	1
48	046345	GENERATOR	1 PHASE FOR ELECT. GOVERNOR - 8.0 BTDA	1
49	046306	GENERATOR	1 PHASE FOR ELECT. GOVERNOR - 10.0 BTDA	1
50	024836	SPACER		8
51	034731	ISOLATOR	PANEL MOUNT	4
52	031783	LOCKWASHER	M6 DIN 127	4
53	015812	NUT	M6 DIN 934	4
54	035931	DIODE		6
55	035943	TERMINAL	INSULATED	1
56	013760	CLAMP		1
57	044989	SENSOR	MAGNETIC 3/8NF FOR ELECT. GOVERNOR	1

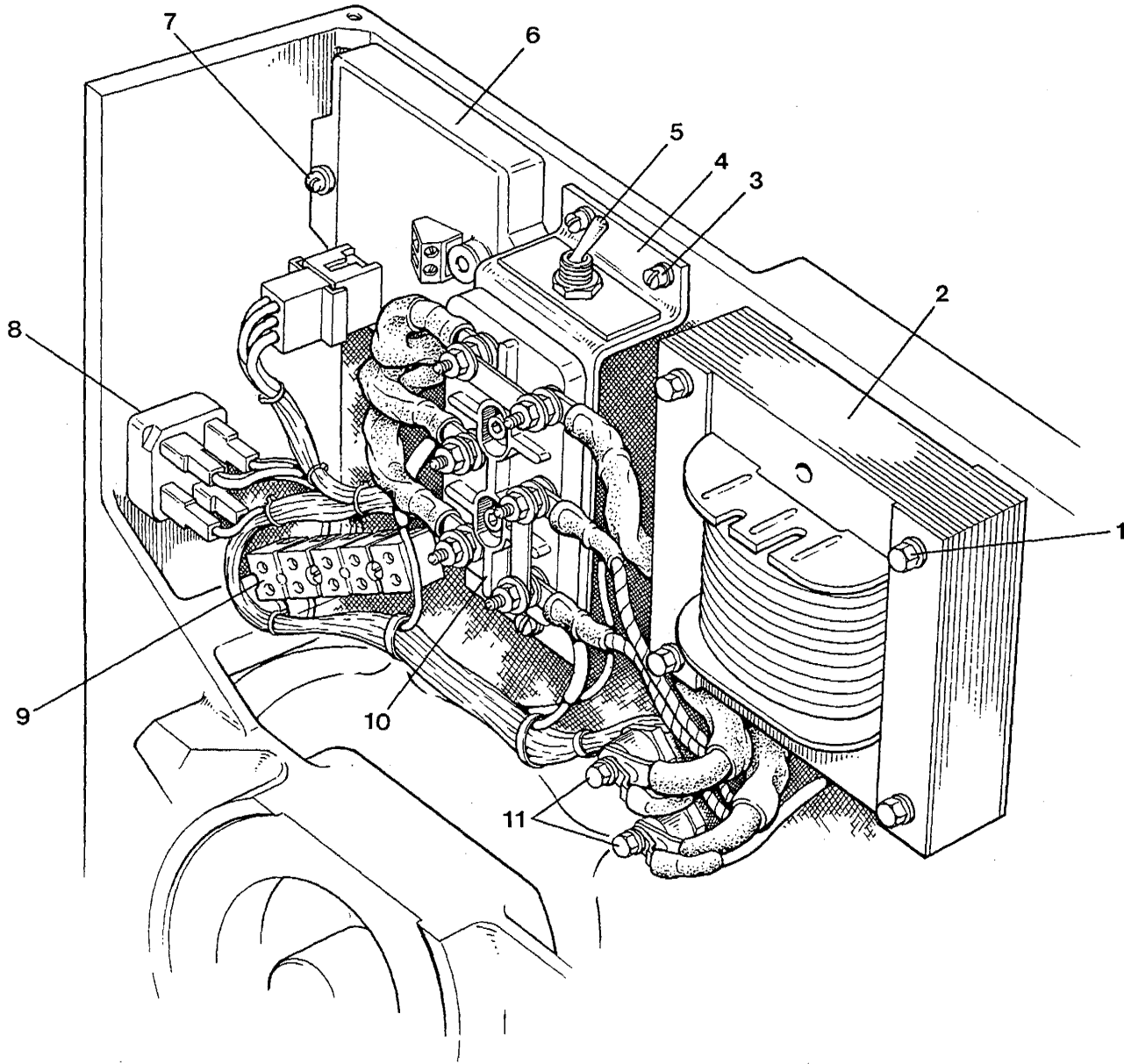
AC OUTPUT & REGULATOR - SINGLE PHASE - 8.0 BTDA



AC OUTPUT & REGULATOR - SINGLE PHASE - 8.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	031781	WASHER	M5 DIN 125	4
2	031914	LOCKWASHER	M5 DIN 6797A	4
3	031916	CAPSCREW	M5 X 50 DIN 933	4
4	035937	TRANSFORMR	VOLTAGE REGULATION	1
6	035941	BLOCK	TERMINAL 2 POLE	1
9-1	035940	BLOCK	TERMINAL AC OUTPUT	1
9-2	038348	NUT	M 5 BRASS	AR
9-3	038349	BAR	BUSS	AR
10	035942	BLOCK	TERMINAL 3 POLE	1
11-1	031931	SCREW	M5 X 16 DIN 84A	1
11-2	031914	LOCKWASHER	M5 DIN 6797A	1
12	043649	RECTIFIER	BRIDGE	1
13	031914	LOCKWASHER	M5 DIN 6797A	4
14	031918	SCREW	M5 X 10 DIN 84A	4
15-1	031914	LOCKWASHER	M5 DIN 6797A	2
15-2	031918	SCREW	M5 X 10 DIN 84A	2
16	035939	BRACKET		1
17	035144	LABEL	AC OUTPUT CONNECTIONS (NOT SHOWN)	1

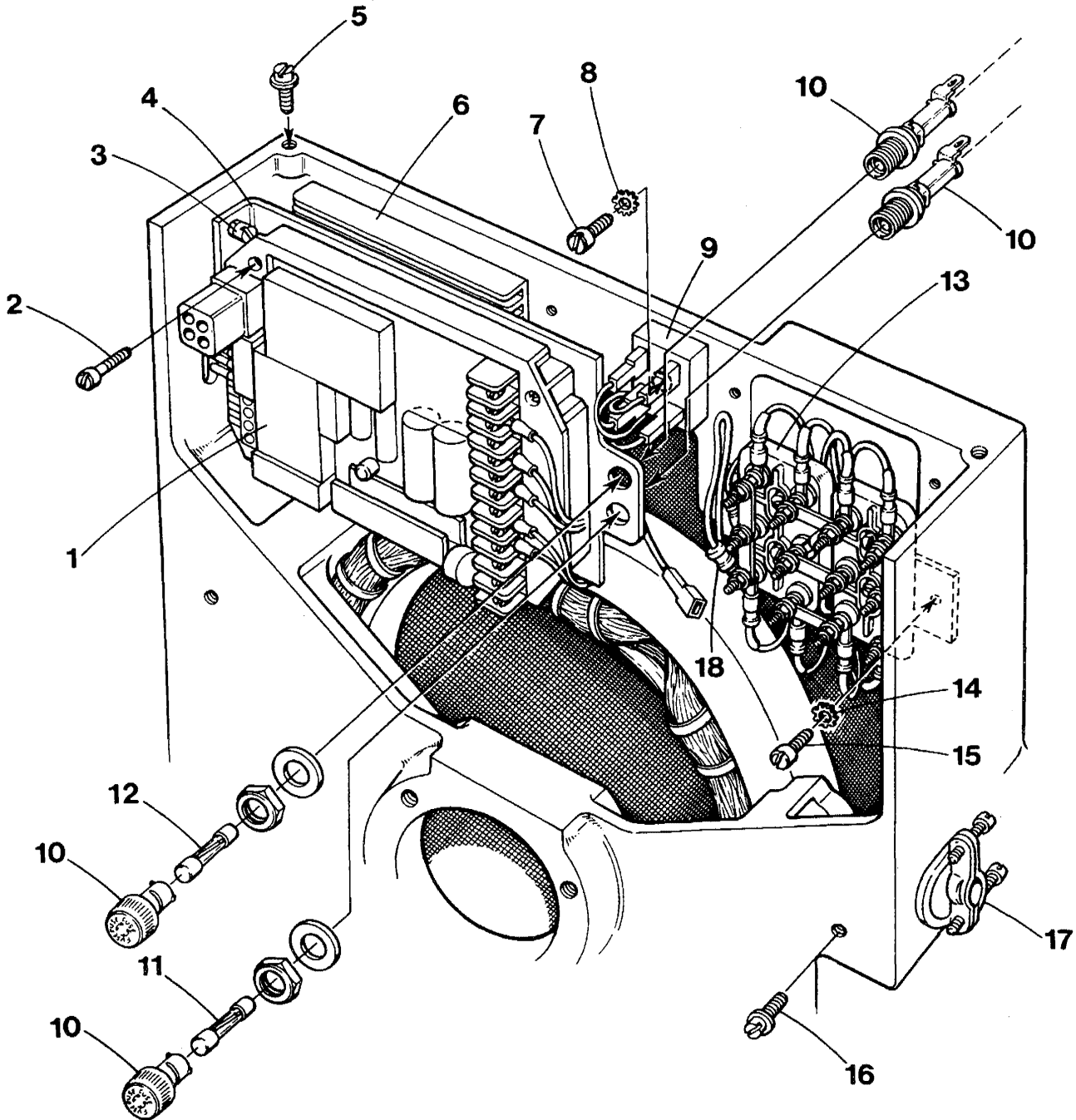
AC OUTPUT & REGULATOR - SINGLE PHASE - 10.0 BTDA



AC OUTPUT & REGULATOR - SINGLE PHASE - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1-1	031916	CAPSCREW	M5 X 50 DIN 933	4
1-2	031914	LOCKWASHER	M5 DIN 6797A	4
1-3	031781	WASHER	M5 DIN 125	4
2	037463	TRANSFORMR	VOLTAGE REGULATION	1
3-1	031918	SCREW	M5 X 10 DIN 84A	2
3-2	031914	LOCKWASHER	M5 DIN 6797A	2
4	038345	BRACKET	SWITCH & AC TERMINAL	1
5	038346	SWITCH	REGULATION SELECTION	1
6	034410	REGULATOR	ELECTRONIC VOLTAGE (OPT)	1
7-1	031917	LOCKWASHER	M4 DIN 6797A EXT	2
7-2	031934	SCREW	M4 X 20 DIN 84A	2
8-1	043649	RECTIFIER	BRIDGE	1
8-2	031931	SCREW	M5 X 16 DIN 84A	1
8-3	031914	LOCKWASHER	M5 DIN 6797A	1
9	038347	BLOCK	TERMINAL 5 POLE	1
10-1	038342	BLOCK	TERMINAL AC OUTPUT	1
10-2	038343	NUT	M6 BRASS	AR
10-3	038344	BAR	BUSS	AR
11	035943	TERMINAL	INSULATED	2
12	036702	LABEL	AC OUTPUT CONNECTIONS (NOT SHOWN)	1

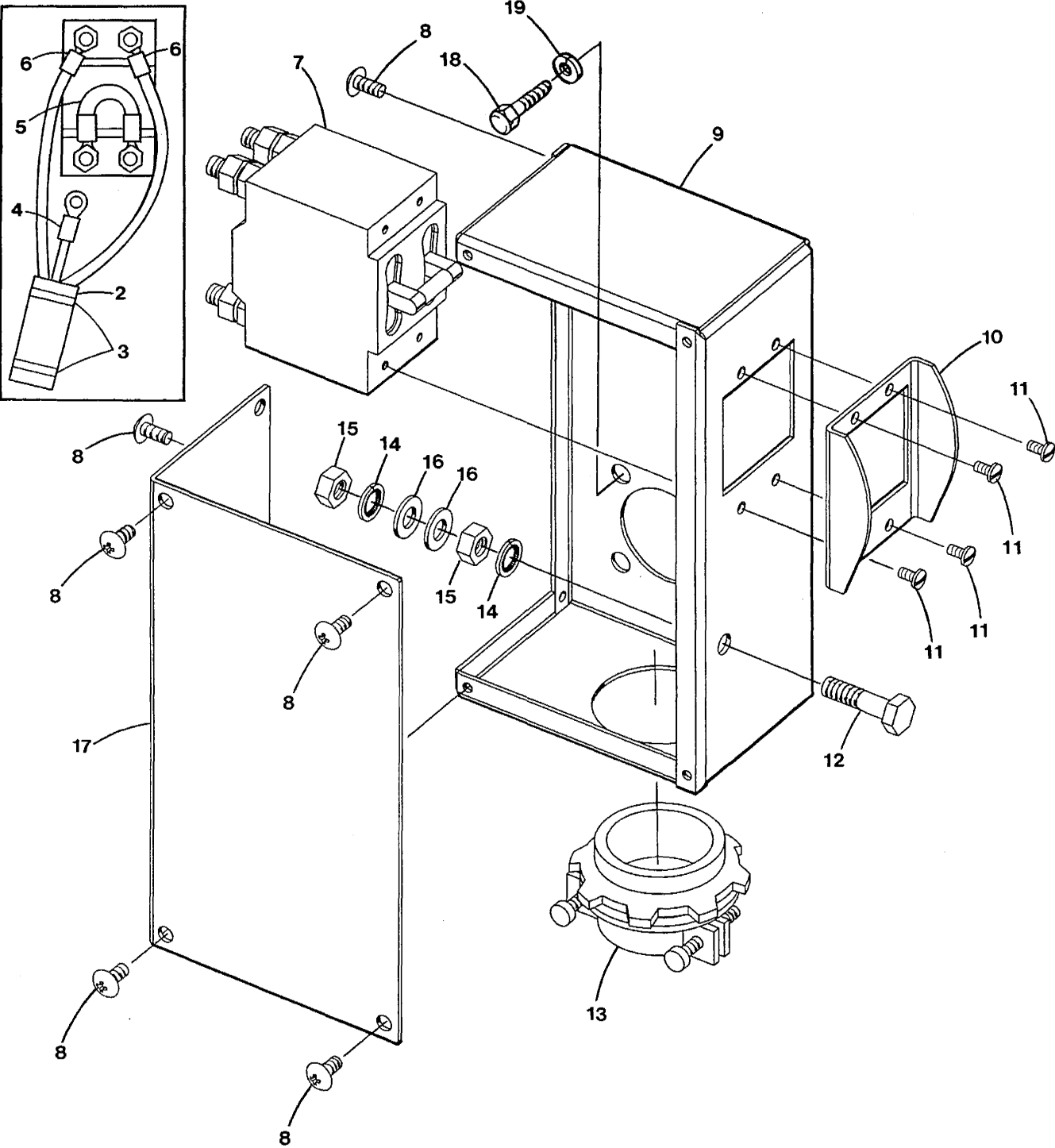
AC OUTPUT & REGULATOR - THREE PHASE - 10.0 BTDA



AC OUTPUT & REGULATOR - THREE PHASE - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	038468	REGULATOR	ELECTRONIC VOLTAGE	1
2	031934	SCREW	M4 X 20 DIN 84A	2
3	031918	SCREW	M5 X 10 DIN 84A	2
4	038470	BRACKET	REGULATOR	1
5	031918	SCREW	M 5 X 10 DIN 84A	2
6	038469	CHARGER	BATTERY	1
7	031920	SCREW	M5 X 20 DIN 84A	1
8	031914	LOCKWASHER	M5 DIN 6797A	1
9	043649	RECTIFIER	BRIDGE	1
10	038472	HOLDER	FUSE	2
11	038471	FUSE	20 AMP	1
12	033769	FUSE	8 AMP	1
13-1	038464	BLOCK	TERMINAL AC OUTPUT	1
13-2	038348	NUT	M5 BRASS	AR
13-3	038349	BAR	BUSS	AR
14	031914	LOCKWASHER	M5 DIN 6797A	2
15	031920	SCREW	M5 X 20 DIN 84A	2
16	015816	CAPSCREW	M6 X 10 DIN 933	2
17	036737	CONNECTOR	BOX 1-1/4" INSULATED	1
18	038676	LABEL	AC OUTPUT CONNECTIONS (NOT SHOWN)	1
19	039341	BRACKET	AC TERMINAL BLOCK (NOT SHOWN)	1

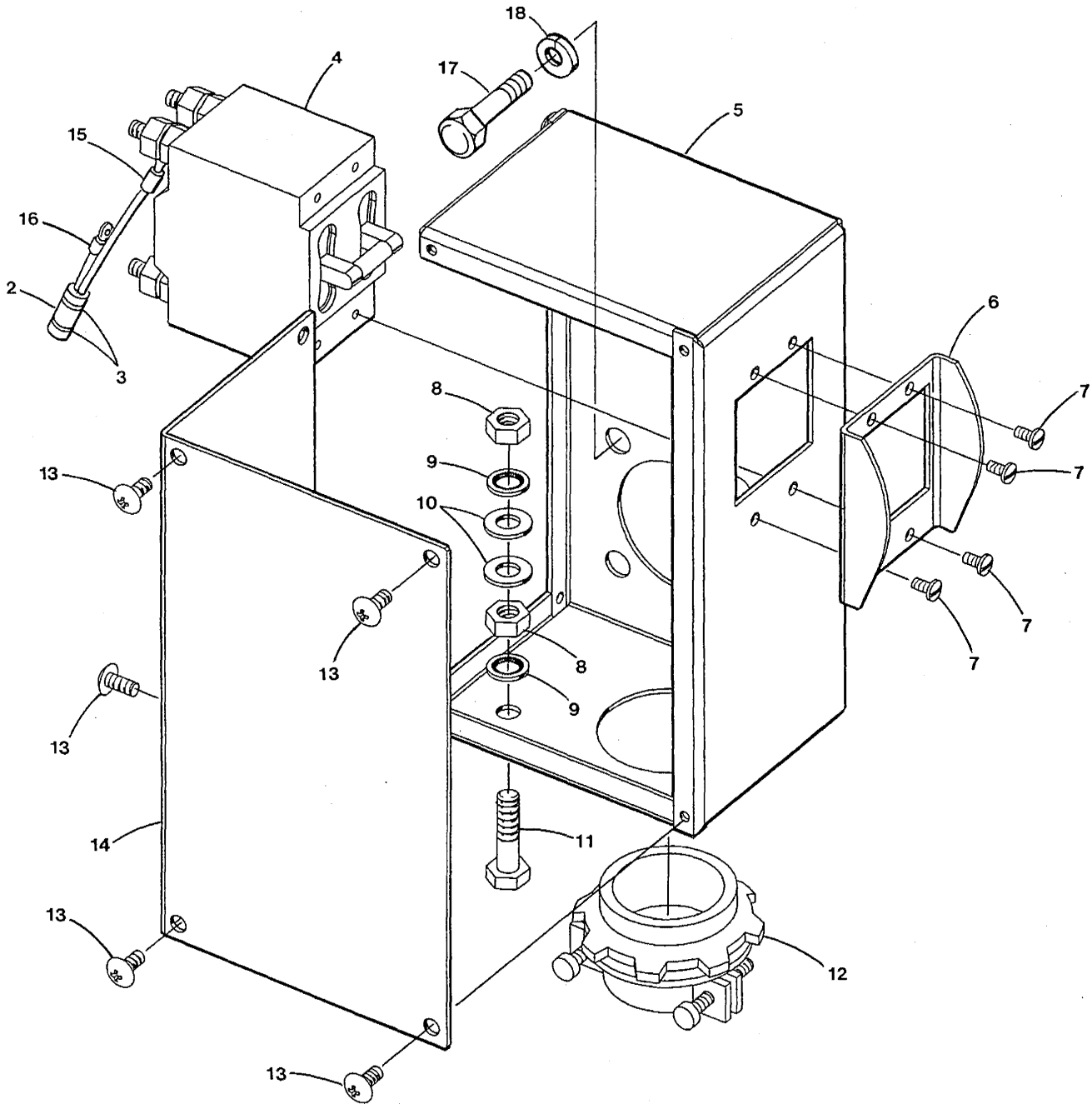
CIRCUIT BREAKER ASSEMBLY - 8.0 BTDA



CIRCUIT BREAKER ASSEMBLY - 8.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1-1	038617	KIT	AC OUTPUT CIRCUIT BREAKER 60HZ - 8.0 BTDA	1
1-2	042314	KIT	AC OUTPUT CIRCUIT BREAKER 50HZ - 6.0 BTDA	1
2	030066	CONDUIT	FLEX-GARD - INCHES REQUIRED	4
3	013776	TIEWRAP	3.5" LONG	2
4-1	038648	WIRE	GEN TO BOX WHITE 8GA 60HZ	1
4-2	042337	WIRE	GEN TO BREAKER WHITE 12GA 50HZ	1
5	039606	WIRE	AC OUTPUT JUMPER 60HZ	1
6-1	038641	WIRE	GEN TO BREAKER BLACK 10GA 60HZ	2
6-2	038641	WIRE	GEN TO BREAKER BLACK 10GA 50HZ	1
7-1	042707	BREAKER	CIRCUIT 35 AMP 60HZ - 8.0 BTDA	1
7-2	042706	BREAKER	CIRCUIT 25 AMP 50HZ - 6.0 BTDA	1
8	031891	SCREW	8-32 X 3/8 SS TRUSS HEAD	6
9	043720	BOX	CIRCUIT BREAKER	1
10	039082	GUARD	CIRCUIT BREAKER HANDLE	1
11	031852	SCREW	6-32 X 1/4 SS BINDING HEAD	4
12	038622	CAPSCREW	1/4NC X 1 BRONZE FULLY THREADED	1
13	036737	CONNECTOR	BOX 1-1/4" INSULATED	1
14	032493	LOCKWASHER	1/4 INTERNAL TOOTH BRONZE	2
15	032498	NUT	1/4NC BRASS	2
16	032499	WASHER	FLAT 1/4 BRASS	2
17	043721	COVER	BREAKER BOX 43720	1
18	031810	CAPSCREW	M6 X 14 DIN 933	4
19	031783	LOCKWASHER	M6 DIN 127	4
20	042719	DIAGRAM	AC OUTPUT & CIRCUIT BREAKER WIRING	1

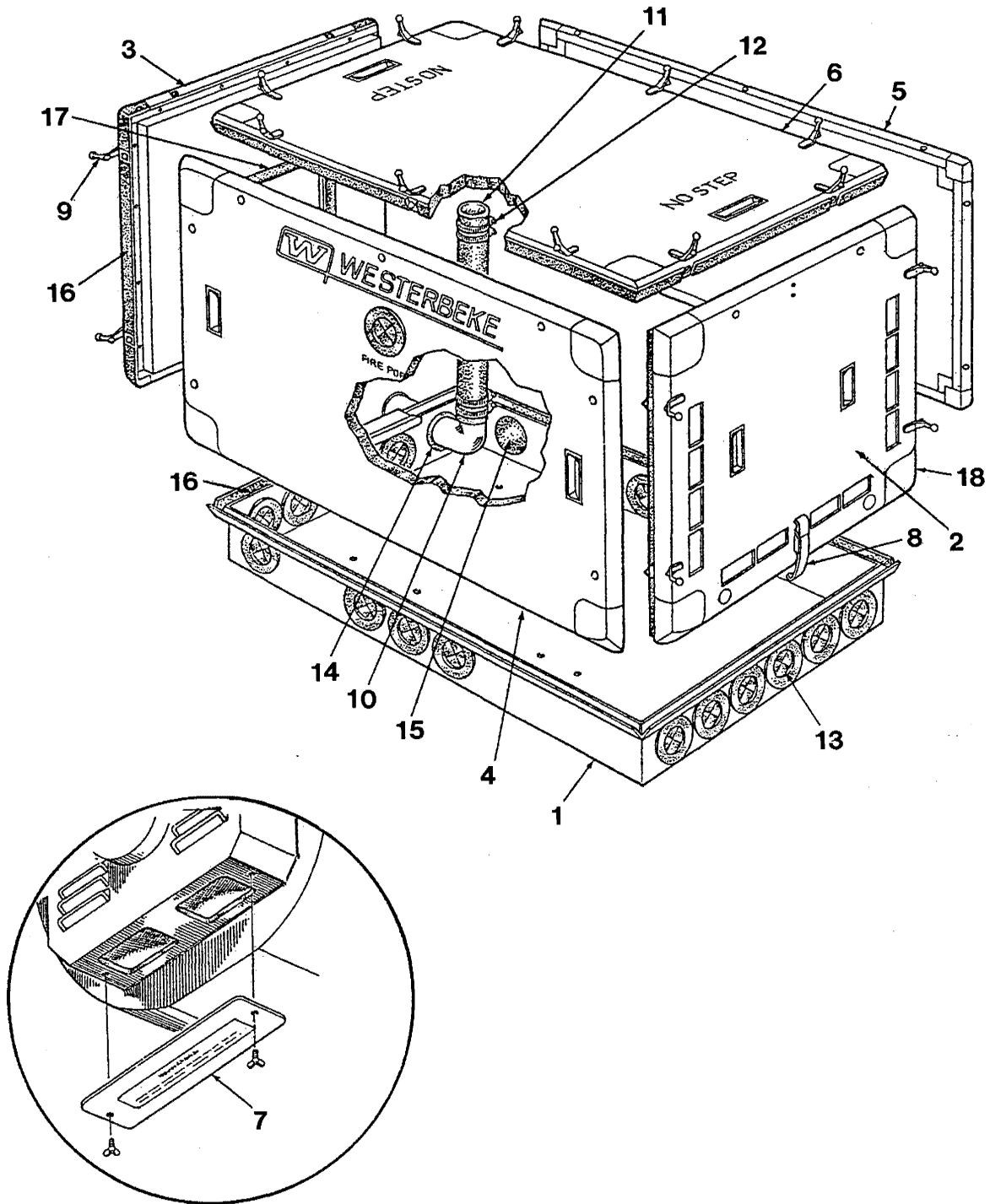
CIRCUIT BREAKER ASSEMBLY - 10.0 BTDA



CIRCUIT BREAKER ASSEMBLY - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1-1	038618	KIT	AC OUTPUT CIRCUIT BREAKER 60HZ-10.0 BTDA	1
1-2	042315	KIT	AC OUTPUT CIRCUIT BREAKER 50HZ-7.5 BTDA	1
2	030067	CONDUIT	FLEX-GARD - INCHES REQUIRED	4
3	013776	TIEWRAP	3.5" LONG	2
4-1	042698	BREAKER	CIRCUIT 50 AMP 60HZ - 10.0 BTDA	1
4-2	042707	BREAKER	CIRCUIT 35 AMP 50HZ - 7.5 BTDA	1
5	043722	BOX	CIRCUIT BREAKER	1
6	039082	GUARD	CIRCUIT BREAKER HANDLE	1
7	031852	SCREW	6-32 X 1/4 SS BINDING HEAD	4
8	032498	NUT	1/4NC BRASS	2
9	032493	LOCKWASHER	1/4 INTERNAL TOOTH BRONZE	2
10	032499	WASHER	FLAT 1/4 BRASS	2
11	038622	CAPSCREW	1/4NC X 1 BRONZE FULLY THREADED	1
12	036737	CONNECTOR	BOX 1-1/4" INSULATED	1
13	031891	SCREW	8-32 X 3/8 SS TRUSS HEAD	6
14	043723	COVER	BREAKER BOX 43722	1
15-1	038642	WIRE	GEN TO BREAKER BLACK 8GA 60HZ - 10.0 BTDA	2
15-2	042340	WIRE	GEN TO BREAKER BLACK 10GA 50HZ - 7.5 BTDA	1
16-1	038649	WIRE	GEN TO BOX WHITE 6GA 60HZ - 10.0 BTDA	1
16-2	038646	WIRE	GEN TO BREAKER WHITE 10GA 50HZ - 7.5 BTDA	1
17	044243	CAPSCREW	M8 X 14 DIN 933	4
18	031786	LOCKWASHER	M8 DIN 127	4
19	042719	DIAGRAM	AC OUTPUT & CIRCUIT BREAKER WIRING	1

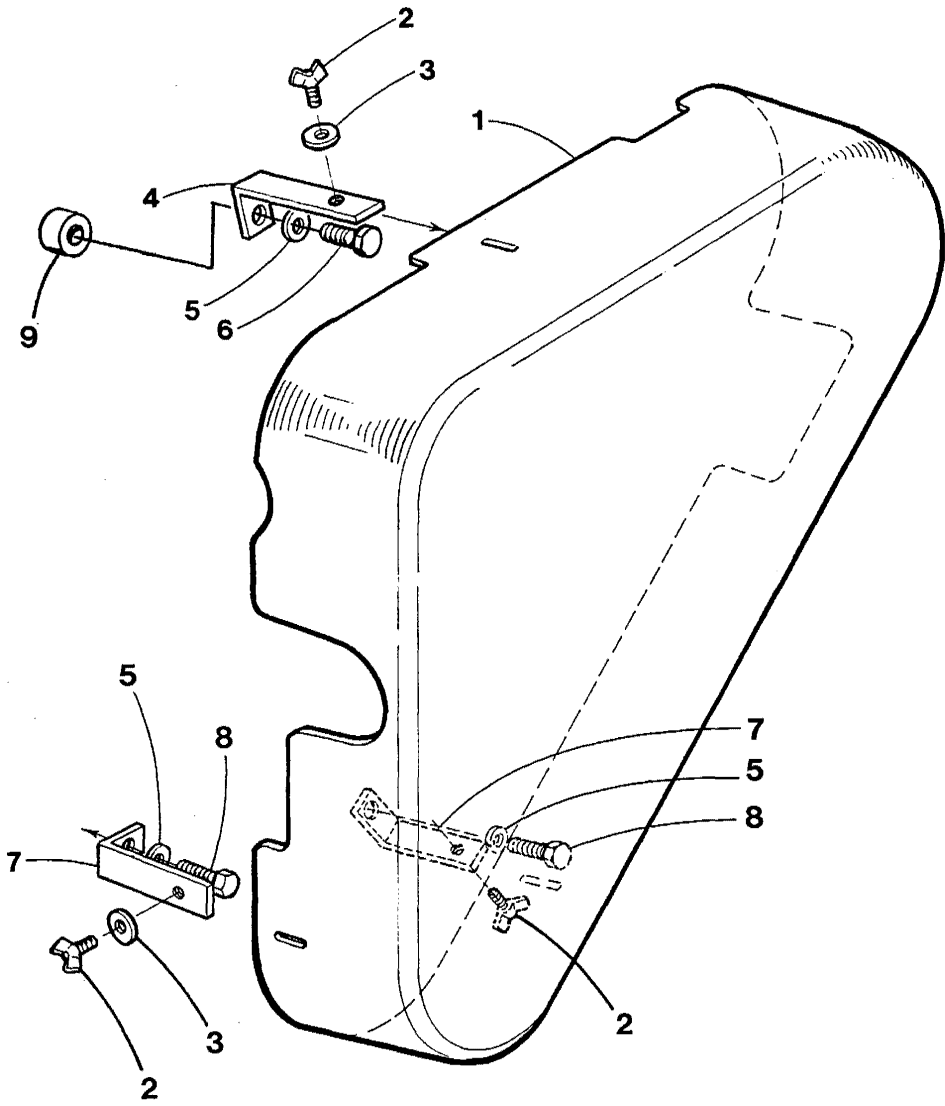
SOUND GUARD ASSEMBLY - 8.0 - 10.0 BTDA



SOUND GUARD ASSEMBLY - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	043384	BASE	SOUND GUARD	1
2	043386	PANEL	SOUND GUARD FRONT	1
3	043387	PANEL	SOUND GUARD REAR	1
4	047653	PANEL	SOUND GUARD SERVICE SIDE	1
5	043383	PANEL	SOUND GUARD SIDE	1
6	043385	PANEL	SOUND GUARD TOP	1
7	037298	COVER KIT	BOTTOM OF GENSET VENT INCL SCREWS	1
8	044080	CLASP		2
9	043775	LATCH	NEOPRENE	18
10	046729	ELBOW	EXHAUST OUTLET 70 DEG	1
11	030901	HOSE	2" WIRE INSERTED - INCHES REQUIRED	19
12	011411	CLAMP	HOSE 32	4
13	039498	BUSHING		16
14	042782	GROMMET	EXHAUST ELBOW	1
15	044065	PLUG	BUTTON	1
16	043248	GASKET	PANEL EDGE SEAL - INCHES REQUIRED	AR
17	043574	GASKET	NEOPRENE - INCHES REQUIRED	AR
18	042638	CORNER	PANEL	20

BELT GUARD ASSEMBLY - 8.0 - 10.0 BTDA



BELT GUARD ASSEMBLY - 8.0 - 10.0 BTDA

Reference #	Part #	Part Name	Remarks	Quantity
1	044365	GUARD	BELT	1
2	033228	SCREW	WING 10-32 X 1/2	3
3	033372	WASHER	FLAT	3
4-1	044168	BRACKET	BELT GUARD TOP	1
4-2	033699	BRACKET	BELT GUARD TOP 24 VDC	1
5	031849	LOCKWASHER	10 SS	3
6	024983	CAPSCREW	M8 X 75 DIN 931	1
7-1	037828	BRACKET	BELT GUARD	2
7-2	037828	BRACKET	BELT GUARD - LEFT 24 VDC	1
7-3	044894	BRACKET	BELT GUARD - RIGHT 24 VDC	1
8	024949	CAPSCREW	M8 X 50 DIN 931	2
9	042225	SPACER		1

MISCELLANEOUS AND EXTRA AVAILABLE OPTIONS

MISCELLANEOUS AND EXTRA AVAILABLE OPTIONS

Reference #	Part #	Part Name	Remarks	Quantity
1	046420	KIT A	SPARE PARTS	1
2	047157	KIT B	SPARE PARTS - EXTENDED CRUISING	1
3	046901	GASKET SET	COMPLETE	1
4	046900	GASKET SET	UPPER	1
5-1	044256	DIPSTICK	EXTENSION KIT - 35C/D	1
5-2	045090	DIPSTICK	EXTENSION KIT - 8.0 -10.0 BTDA	1
6	046419	KIT	FUEL HARDWARE	1
7	044085	PULLEY KIT	ACCESSORY 3 GROOVE CRANKSHAFT	1
8	044436	MOUNT KIT	FIELD INSTALLATION FOR COMPRESSOR	1
9-1	045498	GOVERNOR	KIT 12 VDC - CONVERTS TO ELECT. GOVNR	1
9-2	045499	GOVERNOR	KIT 24 VDC - CONVERTS TO ELECT. GOVNR	1
10	032974	FILTER	PRIMARY FUEL SEPARATOR	1
11	015010	STRAINER	RAW WATER	1
12	033327	VALVE	ANTI-SIPHON	1
13-1	013758	PAINT	RED AEROSOL SPRAY CAN	1
13-2	042307	PAINT	WHITE AEROSOL SPRAY CAN	1
14	043474	MUFFLER	HYDRO-HUSH FIBERGLASS	1
15	020654	SPLITTER	ALTERNATOR OUTPUT	1
16-1	030760	HARNESS	15 FT. PANEL EXTENSION 8 PIN	1
16-2	036557	HARNESS	15 FT. PANEL EXTENSION 4 PIN	1
16-3	044347	HARNESS	15 FT. PANEL EXTENSION 15 PIN	1
16-4	044799	HARNESS	30 FT. PANEL EXTENSION 15 PIN	1
17	040078	FILTER KIT	REMOTE LUBE OIL - SHOWN ON PG'S 24 & 25	1
18	024177	TANK KIT	REMOTE FRESH WATER EXPANSION	1
19	045100	MANUAL	SERVICE	1
20-1	044180	MANUAL	OPERATOR 35C/D	1
20-2	044800	MANUAL	OPERATOR 8.0 - 10.0 BTDA	1
21-1	044735	DIAGRAM	GENSET WIRING	1
21-2	044807	DIAGRAM	GENSET WIRING UNGROUNDED	1
21-3	044927	DIAGRAM	GENSET WIRING ELECTRONIC GOVERNOR	1
21-4	044970	DIAGRAM	GENSET WIRING UNG ELECTRONIC GOVERNOR	1
21-5	039144	DIAGRAM	PROPULSION ENGINE WIRING	1

Numerical Parts Index

Part #	Page	Ref	Part #	Page	Ref	Part #	Page	Ref
011341	46	15	013590	36	32-2	015828	14	11
011386	42	4	013590	28	30	015830	40	7
011386	40	11	013590	46	12	015830	42	29
011405	60	14	013590	34	8	015887	56	1
011405	62	22	013619	46	31	015887	82	6
011405	58	38	013629	82	5	015887	60	5
011411	96	12	013629	62	19	015887	66	3
011471	40	22	013629	56	20	015887	62	2
011471	46	30	013630	50	6-1	016988	26	21
011489	66	4-3	013630	58	33	017012	50	12
011548	50	20-3	013631	62	6	017012	32	22
011552	22	22	013723	78	12-1	017196	82	21-2
011552	66	9	013724	78	13	017196	28	35
011615	22	21	013737	68	37	017196	34	21
011779	58	37	013758	100	13-1	017196	48	8
011796	34	9	013760	84	56	017196	16	7-1
011811	78	6	013776	92	3	017196	10	1
011812	78	3	013776	94	3	017196	58	42
011885	42	24	013870	64	7	017298	22	1
011885	40	19	013870	34	19	017298	46	17
011915	68	44-2	013870	56	30	018242	52	24
011915	46	26-2	013871	34	14	018242	40	1
011916	66	11-3	013919	60	8	018242	42	8
011916	22	25-3	015010	100	11	018242	14	14
011917	54	19	015122	22	15-1	018242	30	17
011925	24	5	015122	66	7	018242	66	22
011984	22	23	015222	70	22-3	018804	30	3
013325	58	31	015222	76	33-3	018804	52	7
013325	64	8	015223	70	22-4	018812	50	11
013325	34	18	015223	76	33-4	018813	56	16-2
013339	22	16-2	015238	80	8	019031	54	18-2
013340	32	19	015289	22	16-1	019039	82	30
013340	30	24	015812	30	25	019262	60	3
013340	22	15-2	015812	84	53	019262	56	17-2
013343	28	38-3	015812	38	48	019262	4	10-2
013344	28	38-2	015812	66	26	019262	4	10-1
013348	24	4	015812	74	21	019262	30	7
013355	54	27	015812	52	27	019262	18	7
013589	82	35	015816	90	16	019262	52	4

Numerical Parts Index

Part #	Page	Ref	Part #	Page	Ref	Part #	Page	Ref
019262	62	3	023652	56	24-3	024639	66	4-1
019262	66	2	023706	60	17-1	024639	52	21
019262	56	2	023706	56	22-1	024674	80	10
019262	50	2	023706	62	26-1	024683	52	28
019262	82	3	023707	60	17-2	024683	66	28-1
019321	40	20	023707	56	22-2	024688	46	36
019321	42	13	023707	62	26-2	024704	44	4
019364	34	1	023708	60	17-3	024731	74	12
019369	66	8	023708	62	26-3	024731	78	7
019369	22	14	023708	56	22-3	024731	70	12
019369	42	23	023709	60	17-4	024732	74	13
019369	46	25	023709	56	22-4	024732	70	13
019398	56	14	023709	62	26-4	024732	78	8
020628	30	4	023710	60	17-5	024778	56	15
020650	62	16	023710	56	22-5	024778	62	15
020650	56	16-1	023710	62	26-5	024778	60	27
020654	100	15	023711	56	22-6	024786	44	5
020946	66	28-2	023711	62	26-6	024836	84	50
021611	50	30	023711	60	17-6	024844	22	11
021676	28	33	023712	56	22-7	024858	44	3
021878	40	4	023712	62	26-7	024905	18	16
021878	42	9	023712	60	17-7	024906	46	39
021878	46	29	023937	74	20	024906	42	34
022124	46	26-3	023937	72	26	024906	40	29
022124	68	44-3	024132	66	11-1	024906	18	9
022249	66	4-4	024132	22	25-1	024906	44	12
022249	66	4-2	024177	100	18	024907	40	6
022850	42	14	024306	42	32	024907	42	31
022850	40	18	024306	40	28	024916	26	25
022851	42	12	024349	2	10	024922	18	19
022851	40	21	024349	4	7	024943	78	5-1
022852	42	15	024353	52	9	024947	54	29-1
022852	40	17	024353	66	30-1	024948	36	8
023450	56	24-1	024373	4	2	024948	14	24
023651	62	28-2	024600	28	38-1	024948	46	7
023651	60	19-1	024602	46	24	024949	98	8
023651	56	24-2	024602	68	33	024950	50	4
023652	62	28-1	024630	56	25-2	024950	60	16
023652	60	19-2	024637	44	2	024950	56	21

Numerical Parts Index

Part #	Page	Ref	Part #	Page	Ref	Part #	Page	Ref
024950	62	25	030200	32	17	030565	28	37-1
024951	52	5	030200	30	22	030566	28	37-2
024951	4	11-2	030203	14	17	030567	28	37-3
024951	30	8	030208	36	37	030568	28	37-4
024951	4	11-1	030209	14	23	030577	36	27-2
024952	18	8	030210	32	6	030578	36	26
024959	32	3	030210	30	14	030593	56	4
024959	80	12	030213	30	19	030593	82	1-1
024959	82	18	030237	8	2	030593	60	1
024959	22	20	030241	6	14	030593	62	1
024972	32	14	030242	6	16	030706	2	23
024972	26	26	030272	2	26	030707	2	4
024972	30	11	030273	6	21	030709	2	24
024975	66	11-4	030275	12	7	030711	4	5
024975	22	25-4	030275	8	9	030711	2	9
024977	44	1	030277	36	25	030711	2	21
024983	98	6	030279	6	2	030756	56	26
024983	50	16	030286	2	25	030760	100	16-1
024984	30	10	030289	32	11	030901	96	11
024984	32	13	030289	30	18	030913	54	2
024996	54	13	030289	26	22	030940	62	14
030001	54	14	030290	26	28	030940	60	28
030002	54	12	030291	32	12	030946	54	28
030003	54	10	030291	18	22	030951	62	23-1
030048	58	36-1	030291	30	12	031225	16	7-2
030066	92	2	030291	26	27	031225	46	8
030067	94	2	030315	26	2	031225	30	9
030095	56	25-3	030326	48	2	031228	60	18
030119	54	3	030326	14	18	031228	56	23
030125	46	34	030361	8	8	031228	62	27
030131	4	9-2	030395	10	2	031250	58	36-2
030131	4	9-1	030434	6	22	031281	14	16
030140	56	25-1	030474	46	4	031451	64	4
030148	54	17	030475	50	29-4	031503	24	7
030166	62	21	030479	10	6-1	031503	52	29
030181	58	35	030480	10	6-2	031503	66	29
030198	14	8	030481	10	6-3	031505	40	15
030199	32	16	030482	10	6-4	031506	42	20
030199	30	21	030560	28	37-5	031555	50	17

Numerical Parts Index

Part #	Page	Ref	Part #	Page	Ref	Part #	Page	Ref
031555	50	6-2	031781	82	26	031786	34	16
031557	80	9	031783	74	22	031787	30	15
031618	50	24-2	031783	30	26	031787	18	18
031713	32	4	031783	84	52	031787	14	12
031713	80	15	031783	38	51	031787	16	9
031714	80	17	031783	28	31	031787	48	6
031718	50	24-1	031783	92	19	031787	42	6
031750	66	14	031783	50	13	031787	46	5
031750	52	15	031783	46	13	031787	40	3
031752	66	13	031783	34	7	031787	32	7
031752	42	21	031783	32	21	031787	46	33
031752	40	14	031784	32	20	031789	62	5
031752	24	8	031784	66	25	031789	56	3
031752	64	2	031784	50	14	031789	60	4
031752	52	14	031784	34	12	031789	82	4
031753	30	5	031784	52	8	031789	50	5
031753	66	12	031784	30	2	031792	22	19
031753	40	13	031784	46	14	031792	42	18
031753	52	13	031784	52	26	031792	2	15
031753	42	22	031786	46	32	031792	80	13
031753	28	32	031786	56	17-1	031792	82	11
031754	64	3	031786	94	18	031792	60	10
031758	50	18	031786	46	20	031792	56	10
031758	50	7-2	031786	82	20-2	031792	32	2
031758	66	15	031786	52	23	031792	62	8
031758	52	16	031786	46	6	031793	22	18
031759	80	19	031786	58	34	031802	6	5
031760	66	16	031786	36	34-1	031802	36	33
031760	52	17	031786	62	17	031802	34	15
031764	50	25-2	031786	66	23	031810	92	18
031774	80	5	031786	30	16	031810	36	31-2
031774	82	36	031786	14	13	031811	32	9
031776	50	25-1	031786	50	10	031812	46	19
031776	82	37	031786	32	8	031819	50	23
031776	80	6	031786	16	8	031822	50	28
031777	80	14	031786	50	7-1	031828	2	14
031777	32	5	031786	42	7	031834	82	12
031781	86	1	031786	48	7	031834	60	11
031781	88	1-3	031786	40	2	031834	62	9

Numerical Parts Index

Part #	Page	Ref	Part #	Page	Ref	Part #	Page	Ref
031834	56	11	031914	90	14	032499	94	10
031835	82	20-1	031914	86	13	032499	92	16
031843	52	2	031914	90	8	032923	68	41
031843	68	34	031914	88	3-2	032974	100	10
031847	64	5	031914	86	2	032975	78	11
031847	56	27	031914	88	1-2	033037	48	19
031847	34	4	031914	88	8-3	033043	48	11
031847	66	18	031915	82	19	033044	48	4
031847	52	18	031916	88	1-1	033052	34	5
031849	56	28	031916	86	3	033052	28	34
031849	34	3	031917	88	7-1	033149	6	15
031849	98	5	031918	90	5	033213	68	43
031849	64	6	031918	84	43	033228	98	2
031849	66	17	031918	86	14	033259	70	16
031849	52	19	031918	88	3-1	033259	76	28
031852	94	7	031918	90	3	033279	82	14
031852	92	11	031918	86	15-2	033279	60	9
031853	78	16	031919	82	24	033279	56	13
031855	70	22-5	031920	90	7	033279	62	13
031855	76	33-5	031920	90	15	033280	18	11
031855	76	34	031920	82	32	033280	46	23
031857	70	22-6	031931	88	8-2	033327	100	12
031857	76	33-6	031931	86	11-1	033372	98	3
031872	74	23	031934	90	2	033381	50	8
031872	72	25	031934	88	7-2	033473	50	22-2
031872	34	13	031935	40	30	033482	64	1
031872	76	32	031935	42	3	033530	80	11
031872	72	23	031999	74	4	033625	2	22
031873	64	9	031999	70	4	033636	48	1-1
031873	58	32	032014	2	16	033682	54	16
031891	70	20	032014	42	17-2	033684	54	11
031891	76	31	032161	56	29	033693	54	9
031891	94	13	032172	12	12	033699	98	4-2
031891	92	8	032175	12	10	033764	54	18-1
031904	74	11	032176	12	11	033769	90	12
031904	70	11	032493	92	14	033769	70	18
031914	86	15-1	032493	94	9	033769	74	25
031914	86	11-2	032498	94	8	033865	54	8
031914	82	25	032498	92	15	034182	84	42-1

Numerical Parts Index

Part #	Page	Ref	Part #	Page	Ref	Part #	Page	Ref
034189	60	20	034731	84	51	035822	60	25
034189	62	30	034737	82	34-1	035825	70	14-2
034196	46	35	034738	82	41	035825	74	14-2
034228	42	25	034741	30	23	035825	54	21
034265	8	11	034742	82	40-1	035927	82	16-2
034410	88	6	034786	82	39-1	035927	82	16-1
034418	52	1	034833	56	6	035928	82	15
034421	70	3	034867	82	38	035929	82	17
034421	74	3	034911	66	11-5	035930	82	22-1
034421	78	10	034911	22	25-5	035931	84	54
034422	30	1-1	034912	46	26-4	035932	82	27-1
034440	48	15	034912	68	44-4	035933	82	28-1
034457	48	1-2	034922	50	1-5	035934	84	45-2
034458	48	17	035109	46	26-1	035935	82	31
034459	48	12	035109	68	44-1	035937	86	4
034460	48	16	035144	86	17	035939	86	16
034461	48	13	035271	80	7	035940	86	9-1
034462	48	20	035299	50	29-3	035941	86	6
034463	48	14	035307	60	26	035942	86	10
034464	48	3	035411	42	2	035943	88	11
034466	48	1-3	035411	40	31	035943	84	55
034467	66	30-2	035435	46	40	036045	8	5
034470	66	21	035449	52	25	036045	18	10
034470	62	24	035449	66	24	036192	70	9-1
034470	60	15	035711	68	40	036192	74	9-1
034485	70	10	035747	44	8-1	036376	82	33
034485	74	10	035754	68	42	036425	44	10
034589	68	38	035785	46	11	036473	54	23
034589	60	2	035792	14	3	036477	54	32
034589	82	2	035792	8	10	036479	54	26-1
034589	62	4	035792	18	15	036483	54	29-2
034589	56	5	035792	18	17	036490	54	26-2
034590	82	23	035792	6	20	036493	18	23
034593	80	18	035794	36	32-1	036538	70	5-1
034641	26	24	035794	14	10	036538	74	5-1
034663	24	10	035795	16	3	036539	74	2-1
034669	52	31	035796	8	1	036539	70	2-1
034669	68	39	035796	26	19	036541	44	11
034710	48	5	035810	26	3	036544	54	33

Numerical Parts Index

Part #	Page	Ref	Part #	Page	Ref	Part #	Page	Ref
036545	54	34	036935	26	13	037601	74	6-1
036557	100	16-2	036943	2	8	037603	54	7
036563	52	20	036944	36	5	037603	74	7-1
036590	54	24	037091	26	7	037603	70	7-1
036612	48	18	037100	66	19-1	037605	70	8-1
036614	44	9-2	037100	52	30	037605	74	8-1
036614	58	41	037106	26	10	037605	54	15
036616	44	9-1	037107	26	11	037653	2	2
036622	58	39	037108	26	12	037723	84	45-3
036622	42	11	037109	26	14	037828	98	7-1
036622	40	24	037112	26	8	037828	98	7-2
036626	54	30	037134	82	39-2	037830	50	29-2
036627	54	31	037188	82	34-2	037833	76	29-2
036630	54	35	037197	82	40-2	037833	72	24-1
036660	44	13-1	037230	44	13-2	037833	76	29-1
036701	84	42-2	037298	96	7	037851	84	44-2
036702	88	12	037323	66	10	038220	78	15-1
036737	94	12	037323	52	11	038342	88	10-1
036737	90	17	037323	22	24	038343	88	10-2
036737	92	13	037338	82	21-1	038344	88	10-3
036821	18	24	037393	18	21	038345	88	4
036829	54	20	037401	44	6	038346	88	5
036843	54	1	037402	44	7	038347	88	9
036849	44	8-2	037428	84	45-1	038348	90	13-2
036899	40	23	037437	84	46-1	038348	86	9-2
036918	22	9	037453	46	41	038349	86	9-3
036918	24	11	037456	60	22	038349	90	13-3
036921	26	18	037460	82	27-2	038464	90	13-1
036922	26	15	037463	88	2	038468	90	1
036925	26	9-1	037464	82	22-2	038469	90	6
036926	26	9-2	037465	84	46-2	038470	90	4
036927	26	9-3	037466	84	46-3	038471	90	11
036928	26	9-4	037467	82	28-2	038472	90	10
036929	26	9-5	037504	60	21	038606	32	18
036930	26	9-6	037504	62	29	038617	92	1-1
036931	26	9-7	037507	60	23	038618	94	1-1
036932	26	9-8	037507	62	31	038622	94	11
036933	26	9-9	037601	54	6	038622	92	12
036934	26	9-10	037601	70	6-1	038641	92	6-1

Numerical Parts Index

Part #	Page	Ref	Part #	Page	Ref	Part #	Page	Ref
038641	92	6-2	039906	62	23-2	042156	70	8-2
038642	94	15-1	039908	82	22-3	042157	70	7-2
038646	94	16-2	039910	84	47-3	042157	74	7-2
038648	92	4-1	039911	84	47-2	042158	70	6-2
038649	94	16-1	039912	82	28-3	042158	74	6-2
038676	90	18	039913	84	47-1	042159	70	9-2
038678	48	10	039928	70	22-1	042159	74	9-2
038841	26	17	039928	76	33-1	042161	22	25-2
039004	78	9	039929	70	22-2	042161	66	11-2
039082	94	6	039929	76	33-2	042162	70	2-4
039082	92	10	039959	30	1-2	042162	74	2-3
039144	100	21-5	040008	56	18-2	042225	98	9
039144	54	22	040030	50	9-3	042235	2	18-3
039218	62	20	040036	58	40	042307	100	13-2
039275	66	20-1	040073	24	9	042314	92	1-2
039275	32	23-1	040074	24	6	042315	94	1-2
039275	30	28	040075	24	3	042337	92	4-2
039336	6	11	040076	24	12	042340	94	15-2
039341	90	19	040078	100	17	042388	78	2
039385	22	10-1	040078	24	1	042417	84	44-1
039461	72	29	040185	70	19	042447	78	14-1
039461	76	37	040185	74	26	042448	78	1-1
039498	96	13	040406	50	19	042620	78	1-3
039550	46	42	040407	56	19	042621	78	12-2
039550	66	32	040510	2	17	042638	96	18
039578	62	11	040907	22	10-2	042698	94	4-1
039578	56	9	040966	2	13	042706	92	7-2
039586	56	25-5	040966	18	13	042707	92	7-1
039606	92	5	041081	72	30	042707	94	4-2
039705	16	5	041081	76	36	042719	92	20
039747	76	27-2	041487	14	1	042719	94	19
039762	62	18	042030	60	12	042782	96	14
039762	56	18-1	042030	2	18-1	042893	54	5
039806	52	12	042032	2	18-2	042893	70	14-1
039830	56	8	042032	60	24	042893	74	14-1
039830	62	10	042065	50	1-4	043065	36	31-1
039858	76	29-3	042066	50	21	043097	56	7
039858	76	29-4	042111	82	1-2	043097	62	7
039858	72	24-2	042156	74	8-2	043248	96	16

Numerical Parts Index

Part #	Page	Ref	Part #	Page	Ref	Part #	Page	Ref
043383	96	5	043778	56	12	043980	36	4
043384	96	1	043778	62	12	043981	36	2
043385	96	6	043780	30	13	043983	38	43
043386	96	2	043780	26	29-1	043984	38	46
043387	96	3	043817	42	26	043993	28	39
043402	56	25-4	043817	40	26	043997	40	12
043407	82	10-1	043818	72	28-1	043998	50	9-2
043409	82	10-2	043818	76	35-1	044065	96	15
043416	60	6	043823	16	4	044066	18	4-2
043434	46	27	043824	50	26-1	044069	26	20
043441	34	20	043830	50	27	044074	18	6
043474	100	14	043832	50	15	044074	30	6
043480	52	3	043838	50	20-2	044074	52	6
043480	68	35	043840	70	15	044080	96	8
043482	46	21	043840	74	15	044082	46	2
043574	96	17	043844	50	22-1	044083	46	3
043649	88	8-1	043848	50	26-2	044084	2	1-2
043649	90	9	043870	46	38	044085	100	7
043649	86	12	043876	46	18	044164	30	27
043660	80	16	043882	16	10	044168	98	4-1
043662	80	3	043899	32	1	044180	100	20-1
043666	82	13-2	043902	66	6	044184	46	16
043670	42	28	043902	22	17	044214	32	24
043670	40	25	043904	18	20	044214	26	29-2
043679	42	10	043906	52	22	044225	66	19-2
043718	40	16	043913	78	14-2	044241	66	27-1
043720	92	9	043929	78	4-2	044243	32	10
043721	92	17	043940	42	5	044243	94	17
043722	94	5	043942	40	10	044246	74	2-5
043723	94	14	043950	78	4-1	044246	70	2-7
043737	72	27	043952	40	5	044248	66	1-2
043737	74	19	043952	46	28	044252	70	5-3
043746	76	35-2	043952	42	33	044252	74	5-3
043746	72	28-2	043953	50	1-1	044255	18	5-1
043747	70	17	043954	50	3	044256	100	5-1
043747	74	24	043956	40	9	044256	18	4-1
043762	18	5-2	043956	42	30	044324	16	11
043775	96	9	043957	34	6	044333	80	1
043778	60	7	043977	36	3	044334	80	2

Numerical Parts Index

Part #	Page	Ref	Part #	Page	Ref	Part #	Page	Ref
044336	78	5-2	045169	12	5-4	045224	20	1
044338	50	1-6	045170	6	9	045225	18	1
044340	66	27-2	045171	38	44	045228	22	13
044347	100	16-3	045173	4	3	045230	18	3
044360	70	1-1	045174	4	4-1	045231	46	1
044363	70	1-3	045175	4	8	045232	46	9
044364	66	1-1	045178	4	6-1	045232	50	29-1
044365	98	1	045179	6	19-2	045233	46	22-1
044379	60	13	045180	6	18-2	045234	36	20
044436	100	8	045181	6	13	045235	36	28
044442	78	15-2	045182	6	17	045236	46	37
044500	26	23-2	045183	6	4	045237	26	1
044586	78	5-3	045188	6	10	045238	26	4
044644	82	13-1	045190	8	6	045239	26	5
044723	16	6	045191	2	20	045242	36	27-1
044735	100	21-1	045193	2	5	045243	36	24
044799	100	16-4	045194	10	3	045245	36	17
044800	100	20-2	045195	10	4	045246	36	39-2
044807	100	21-2	045196	14	5	045247	34	17
044826	78	1-2	045197	2	19	045247	38	49
044877	70	1-2	045198	14	4	045248	36	7
044878	70	1-4	045199	14	19	045249	36	13
044894	98	7-3	045200	14	20	045250	36	19-1
044895	50	1-2	045201	14	21	045251	36	18-2
044925	74	1-1	045202	14	2	045252	36	16
044926	74	1-2	045204	12	1-1	045255	38	47-1
044927	100	21-3	045205	12	1-2	045256	38	41-2
044966	74	1-3	045206	12	1-3	045258	36	40
044967	74	1-4	045207	12	2-1	045259	34	2
044970	100	21-4	045208	12	2-2	045259	38	50
044989	84	57	045209	12	2-3	045260	38	42
044990	66	19-3	045210	12	3	045261	36	14
044991	66	19-4	045213	2	6	045262	36	15-2
045090	100	5-2	045214	14	6	045263	36	9-2
045094	70	14-3	045215	14	9	045266	66	31
045094	74	14-3	045216	12	8	045267	36	30
045100	100	19	045217	14	7	045269	22	12
045167	12	5-2	045218	14	15	045270	6	6
045168	12	5-3	045223	20	2	045272	34	10

Numerical Parts Index

Part #	Page	Ref	Part #	Page	Ref	Part #	Page	Ref
045272	36	35	046775	70	2-2	047138	36	23
045273	6	8	046775	74	2-2	047139	36	9-1
045274	6	12	046776	74	2-4	047140	36	15-1
045275	22	6	046776	70	2-5	047141	36	22
045277	6	7	046777	44	8-3	047143	38	41-1
045374	42	19-2	046778	42	17-1	047145	50	9-1
045394	2	7	046885	74	5-2	047146	36	38
045395	10	5	046885	70	5-2	047147	36	12
045396	2	3	046886	70	5-4	047157	100	2
045397	2	11	046886	74	5-4	047256	54	25
045398	36	6	046887	70	2-3	047653	96	4
045498	100	9-1	046887	74	2-6	047894	46	22-2
045499	100	9-2	046888	70	2-6	048013	48	9
045528	42	19-1	046888	74	2-7	048019	36	29
046295	22	5	046900	100	4	048020	36	18-3
046297	22	3	046901	100	3	048021	50	20-1
046306	84	49	046907	36	36	048023	36	39-3
046311	26	23-1	046908	18	2	048024	38	41-3
046345	84	48	046909	2	12	048076	32	25
046419	100	6	046910	26	6	048076	30	29
046420	100	1	046911	12	1-4	048090	38	47-2
046631	66	20-2	046912	12	1-5	048091	4	4-2
046631	32	23-2	046913	12	1-6	048092	6	19-1
046669	30	20	046914	4	12	048093	6	18-1
046669	32	15	046915	8	4	048094	18	12
046674	74	7-3	046916	16	1	048095	4	1-2
046674	70	7-3	046919	22	2	048096	4	1-1
046675	70	8-4	046920	36	21	048097	6	1
046675	74	8-4	047012	12	5-1	048098	6	3
046676	70	9-3	047123	22	8	048099	8	3
046676	74	9-3	047125	38	45	048100	8	7-1
046729	96	10	047127	4	6-2	048101	18	14
046739	68	36-1	047131	12	2-4	048102	12	4
046741	68	36-2	047132	12	2-5	048103	12	6
046746	52	32	047133	12	2-6	048104	12	9
046754	70	6-3	047134	46	10	048105	16	2
046754	74	6-3	047135	36	39-1	048106	22	4
046755	70	8-3	047136	36	19-2	048107	22	7
046755	74	8-3	047137	36	18-1	048108	26	16-1

Numerical Parts Index

Part #	Page	Ref	Part #	Page	Ref	Part #	Page	Ref
048109	36	10						
048110	36	11						
048111	36	1-1						
048112	36	1-3						
048113	36	1-2						
048114	6	23						
048115	28	36-2						
048116	28	36-1						
048117	52	10						
048219	2	1-1						
048221	42	1						
048221	40	27						
048332	8	7-2						
048333	26	16-2						
050201	74	18-1						
050234	74	17						
050234	78	17						
050234	70	22-7						
050234	76	30						
050234	76	33-7						
050374	74	18-2						
200125	74	16						
200125	70	21						
200127	80	4						
299031	40	8						
299031	42	27						
299527	20	3						
299864	34	11						
299981	14	22						
300746	50	1-3						
302842	24	2						
303008	76	27-1						



J.L./S.C.