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PARTS LIST

WESTERBEKE 60 Marine Diesel Engine

WESTERBEKE WPDS-20 Marine Diesel Generator

Publication #13316

Edition Four

April 1978



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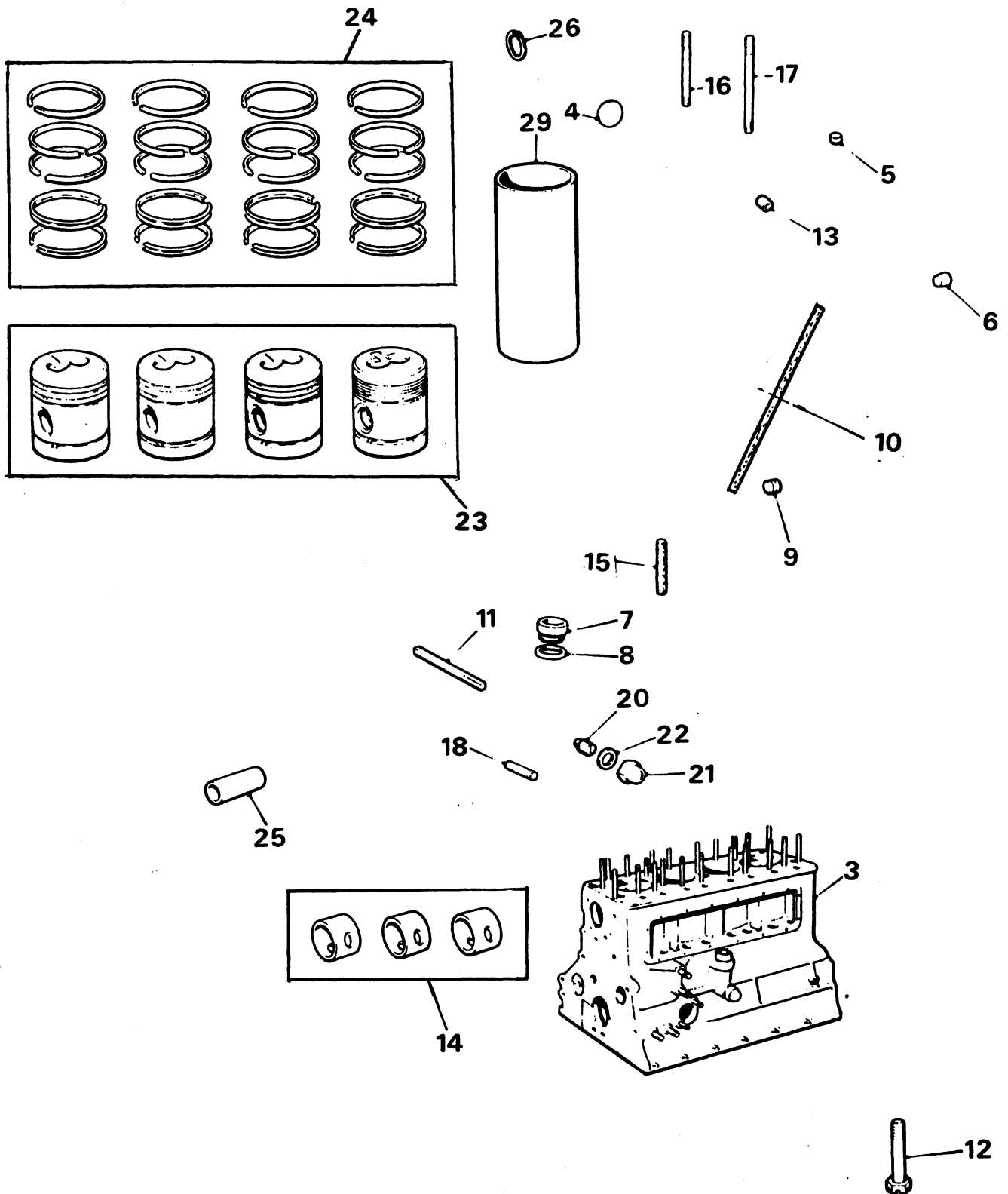
NOTES ON USING THIS PARTS LIST

1. Unit of issue for all linear commodities is inches (not feet or yards).
2. Start looking in the contents -- if you cannot find any item, check miscellaneous page.
3. Please -- Report errors and omissions to us via speed letter.
(Attention: PUBLICATIONS DEPARTMENT)
4. Quantity codes:
NA - Not applicable
AR - As required

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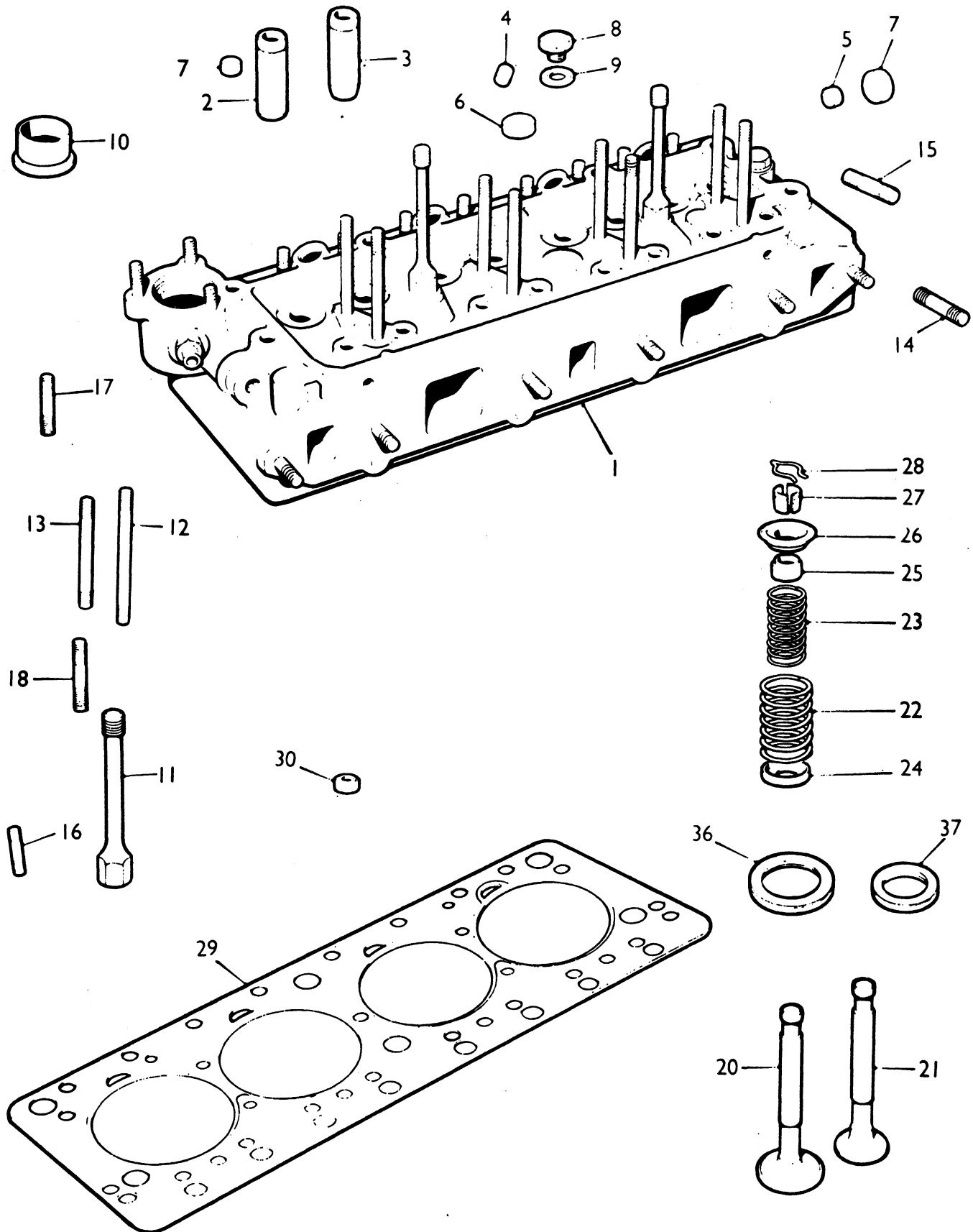
WESTERBEKE 60-CYLINDER BLOCK



WESTERBEKE 60-CYLINDER BLOCK

REF	PN	NAME	REMARKS	QUAN
3- 1	17914	BLOCK		1
3- 2	17915	BLOCK	ASSEMBLY	1
3- 3	16389	ENGINE	COMPLETE LESS FLYWHEEL & MANIFOLDS	1
4	17745	PLUG	CORE	5
5	14433	PLUG	WATER GALLERY & OIL CHAMBER	5
6	17894	PLUG	MAIN OIL CHANNEL	2
7	17893	PLUG	OIL PUMP SPINDLE BORE	1
8	17994	WASHER	OIL PUMP SPINDLE BORE PLUG	1
9	14595	PLUG	OIL PASSAGE	2
10	17998	GASKET	FRONT & REAR MAIN BEARING CAP SIDES	4
11	17980	GASKET	REAR MAIN BEARING CAP	1
12	17736	SCREW	MAIN BEARING CAP	6
13	14433	PLUG	CHAIN TENSIONER - OIL FEED	1
14	17896	LINER	SET - CAMSHAFT BEARING	1
15	17581	STUD	CYLINDER HEAD - SHORT	8
16	14482	STUD	CYLINDER HEAD - LONG	AR
17	17801	STUD	CYLINDER HEAD	2
18	18006	STUD	FUEL PUMP	2
20	17692	SCREW	OIL PUMP LOCATING	1
21	17693	NUT	OIL PUMP LOCATING SCREW	1
22	17995	WASHER	OIL PUMP LOCATING SCREW	1
23	17911	PISTON	ASSEMBLY - STANDARD	4
24	17907	RING SET	STANDARD	4
25	17737	PIN	PISTON	4
26	17760	CIRCLIP	PISTON PIN	8
29	17739	LINER	CYLINDER	4

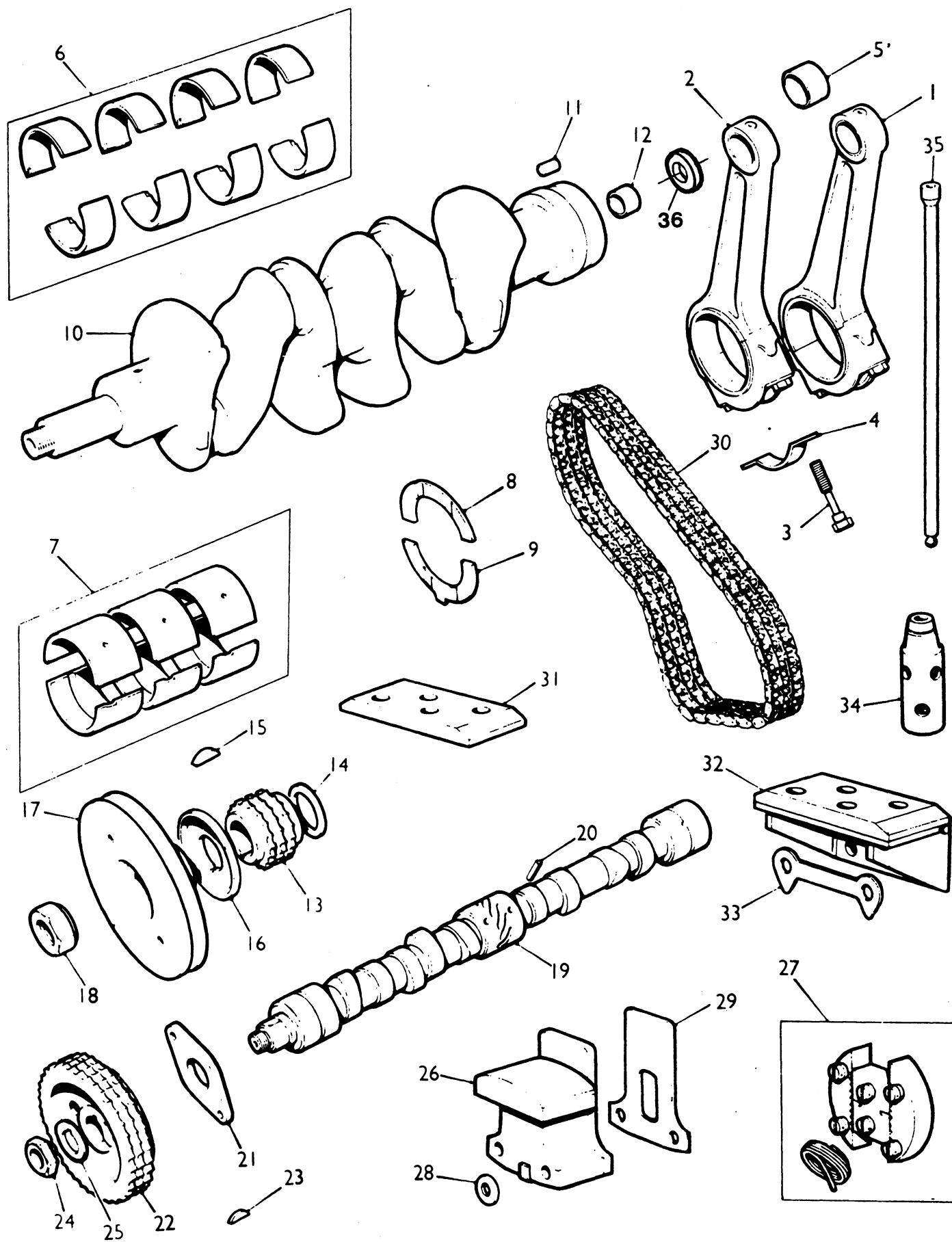
WESTERBEKE 60-CYLINDER HEAD



WESTERBEKE 60-CYLINDER HEAD

REF	PN	NAME	REMARKS	QUAN
1	17913	HEAD	ASSEMBLY	1
2	17730	GUIDE	INLET VALVE - STANDARD	4
3	17731	GUIDE	EXHAUST VALVE - STANDARD	4
4	14595	PLUG	WATER	4
5	15481	PLUG	OIL HOLE TO ROCKER BRACKET	1
6	17712	PLUG	CORE - TAPERED - 1/8 DIAMETER	1
7	14500	PLUG	CORE - 3/4 DIAMETER	8
8	17981	PLUG	HEATER	1
9	17984	WASHER	FIBER - HEATER PLUG	1
10	17723	INSERT	COMBUSTION CHAMBER	4
11	17714	STUD	EXTENSION - VALVE ROCKER COVER	2
12	18001	STUD	VALVE ROCKER BRACKET - LONG	4
13	18000	STUD	VALVE ROCKER BRACKET - SHORT	4
14	17763	STUD	EXHAUST MANIFOLD	2
15	18009	STUD	EXHAUST MANIFOLD	4
16	17584	STUD	NOZZLE HOLDER	8
17	18004	STUD	WATER OUTLET ELBOW	2
18	18005	STUD	WATER OUTLET ELBOW	1
20	17724	VALVE	INLET	4
21	17725	VALVE	EXHAUST	4
22	17710	SPRING	VALVE - OUTER	8
23	17711	SPRING	VALVE - INNER	8
24	17682	COLLAR	VALVE SPRING - BOTTOM	8
25	17729	SEAL	OIL - VALVE	8
26	17735	CUP	VALVE SPRING	8
27	14526	COTTER	VALVE - COMPLETE	8
28	14514	CIRCLIP	COTTER	8
29	17941	GASKET	CYLINDER HEAD	1
30	14445	NUT	CYLINDER HEAD STUD	AR
36	17743	INSERT	VALVE SEAT - INLET	4
37	17744	INSERT	VALVE SEAT - EXHAUST	4

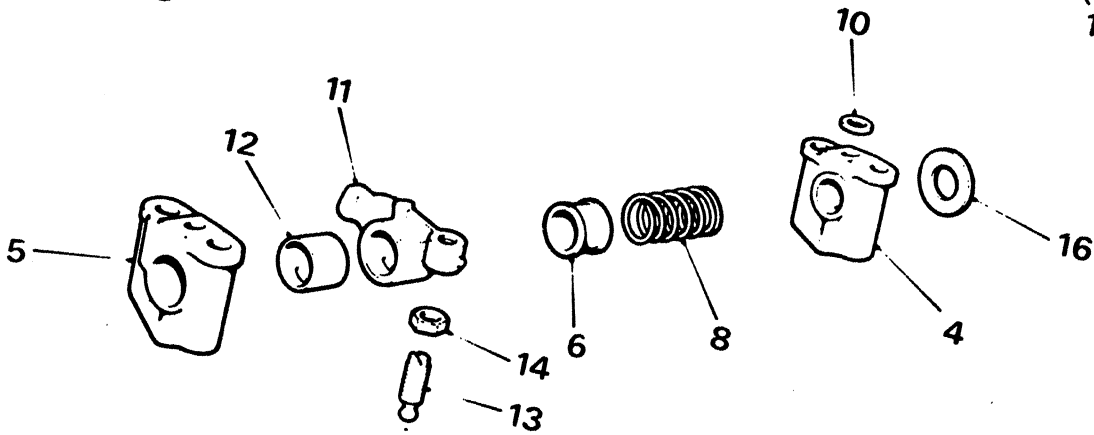
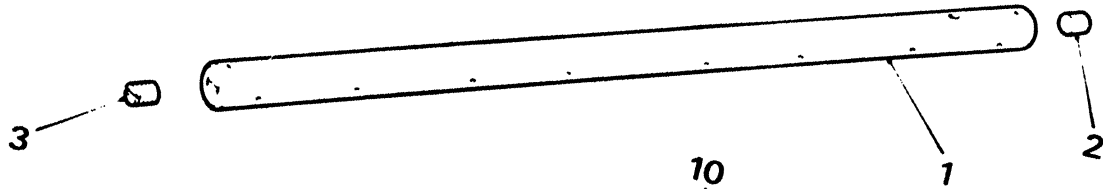
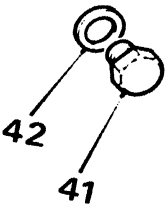
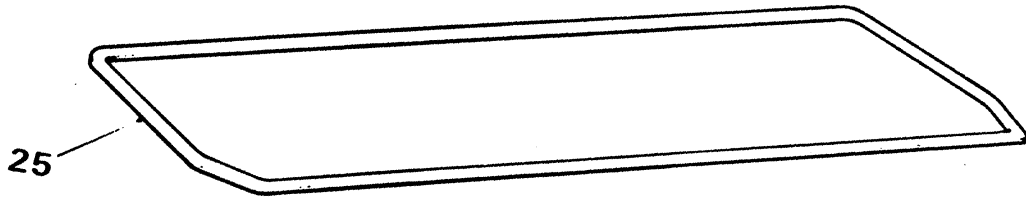
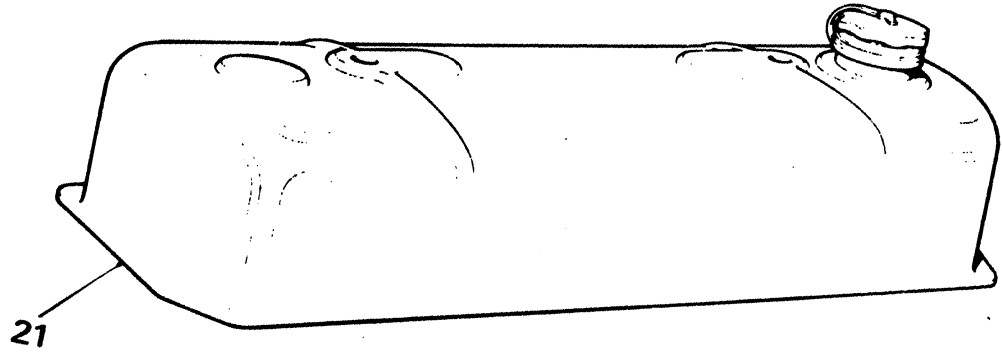
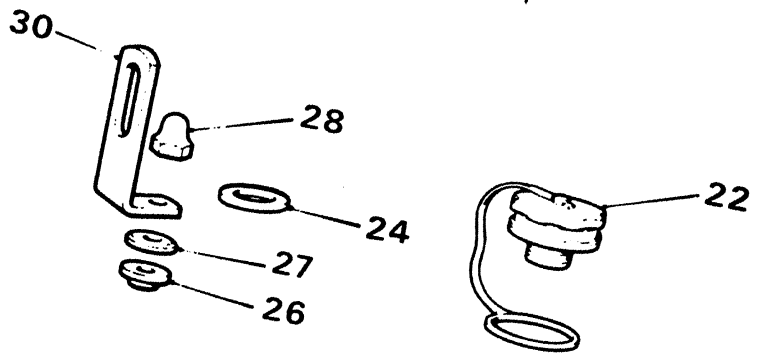
WESTERBEKE 60-CRANKSHAFT-ROD-PISTON



WESTERBEKE 60-CRANKSHAFT-ROD-PISTON

REF	PN	NAME	REMARKS	QUAN
1	17686	ROD	ASSEMBLY-CYLINDERS #1 & #3	2
2	17685	ROD	ASSEMBLY-CYLINDERS #2 & #4	2
3	17688	SCREW	CONNECTING ROD CAPS	8
4	17689	TABWASHER	CONNECTING ROD CAPS	4
5	17687	BUSHING	CONNECTING ROD	4
6	17897	BEARING	SET-CONNECTING ROD-STANDARD	1
7	17908	BEARING	SET-MAIN-STANDARD	1
8	17684	WASHER	THRUST-STANDARD-UPPER HALF	2
9	17675	WASHER	THRUST-STANDARD-LOWER HALF	2
10	17726	CRANKSHAFT		1
11	17722	DOWEL	CRANKSHAFT TO FLYWHEEL	2
12	17977	BUSHING	CRANKSHAFT	1
13	17706	GEAR	CRANKSHAFT	1
14	17992	WASHER	PACKING-CRANKSHAFT GEAR	AR
15	18072	KEY	CRANKSHAFT GEAR	1
16	17874	SLINGER	OIL-CRANKSHAFT-FRONT	1
17- 1	17750	PULLEY	CRANKSHAFT 4-154	1
17- 2	21560	PULLEY	CRANKSHAFT 3 GROOVE W-60 TO APR 78	1
17- 3	23454	PULLEY	CRANKSHAFT 3 GROOVE W-60 FROM APR 78	1
17- 4	23453	COUPLING	MOUNT 23454 PULLEY	1
18	17728	NUT	CRANKSHAFT PULLEY	1
19	17690	CAMSHAFT		1
20	17979	NOZZLE	OIL FEED-CAMSHAFT	2
21	17978	PLATE	CAMSHAFT LOCATING	1
22	17705	GEAR	CAMSHAFT	1
23	18071	KEY	CAMSHAFT GEAR	1
24	17988	NUT	CAMSHAFT GEAR	1
25	17678	WASHER	CAMSHAFT GEAR	1
26	17876	TENSIONER	CHAIN-ASSEMBLY	1
27	17945	RATCHET	SET-TENSIONER	1
28	17878	LOCKWASHER	TENSIONER ASSEMBLY	2
29	17877	GASKET	CHAIN TENSIONER	1
30	17721	CHAIN	TIMING	1
31	17708	PAD	TIMING CHAIN	1
32	17720	DAMPER	TIMING CHAIN	1
33	17709	TABWASHER	TIMING CHAIN DAMPER	1
34	17740	TAPPET	STANDARD	8
35	17591	PUSHROD		8
36	17936	SEAL	OIL-CRANKSHAFT-REAR	1

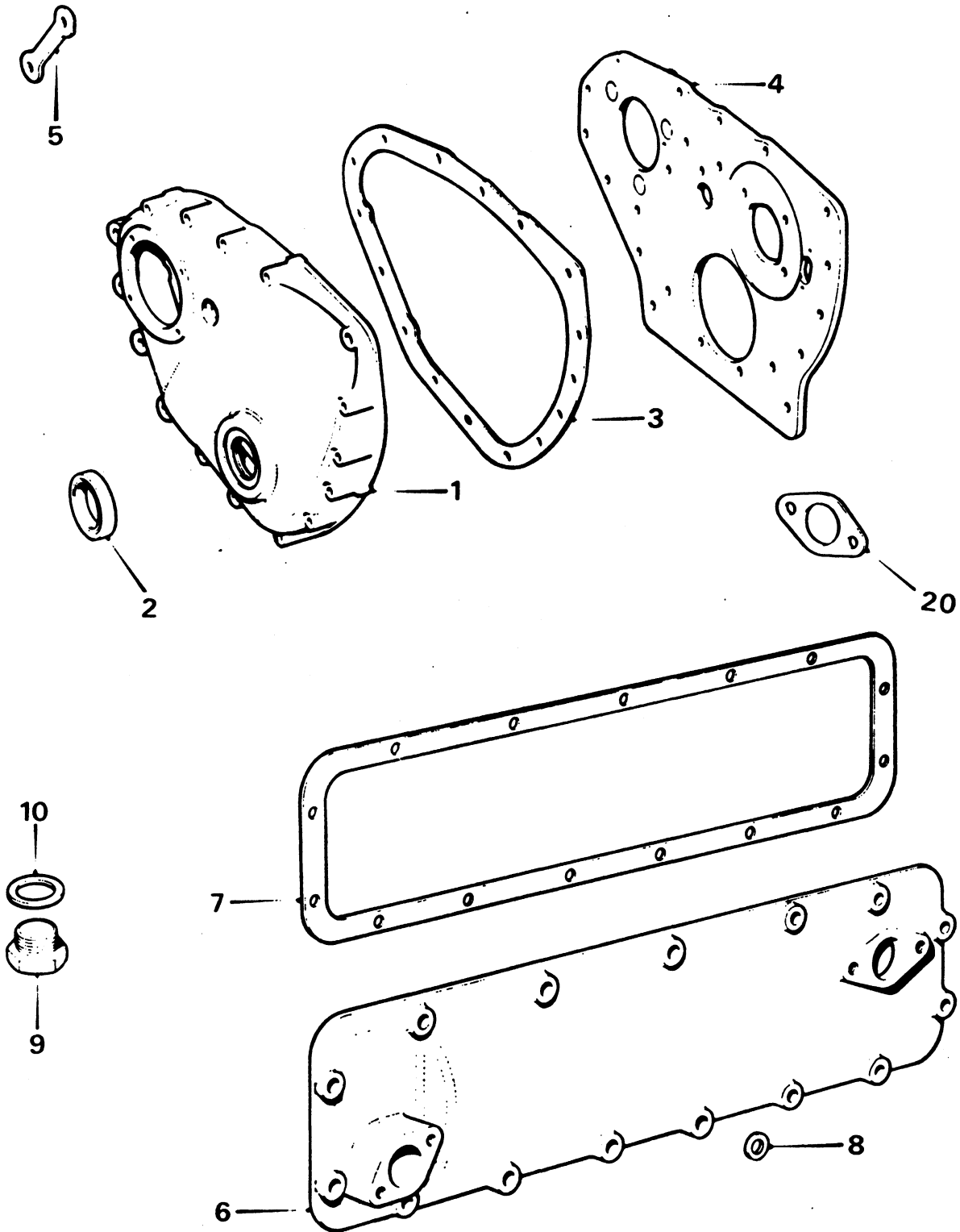
WESTERBEKE 60-ROCKER SHAFT



WESTERBEKE 60-ROCKER SHAFT

REF	PN	NAME	REMARKS	QUAN
1	17695	SHAFT	ROCKER	1
2	17803	PLUG	VALVE ROCKER SHAFT - PLAIN	1
3	17987	PLUG	VALVE ROCKER SHAFT - THREADED	1
4	17704	BRACKET	ROCKER - TAPPED	1
5	17696	BRACKET	ROCKER - PLAIN	3
6	17974	SPACER	ROCKER SHAFT	1
8	17985	SPRING	ROCKER SHAFT	1
10	17715	LOCKWASHER	VALVE ROCKER BRACKET	1
11	17716	ROCKER	ASSEMBLY	8
12	17717	BUSHING	ROCKER ASSEMBLY	8
13	17895	SCREW	ADJUSTING- TAPPED	8
14	17991	LOCKNUT	ADJUSTING SCREW	8
16	17982	WASHER	ROCKER BRACKET	2
21- 1	17751	COVER	VALVE ROCKER 4-154	1
21- 2	23021	COVER	WITH ELBOW FOR BREATHER LINE W-60	1
21- 3	23020	ELBOW	COVER W-60	1
22	17935	CAP	ASSEMBLY - OIL FILL	1
24	13356	WASHER	SPACER W-60	2
25	17679	GASKET	VALVE ROCKER COVER	1
26	17996	BUSHING	VALVE COVER	2
27	14809	WASHER	CUP - VALVE COVER	2
28	17699	NUT	VALVE COVER	2
30- 1	15299	EYE	LIFTING - FRONT & REAR MARINE 4-154	2
30- 2	13162	EYE	LIFTING - REAR GENERATOR	1
30- 3	21708	EYE	LIFTING - FRONT END W-60	1
30- 4		EYE	LIFTING - REAR W-60 SEE COOLING SECTION	
41	14455	PLUG	WATER PASSAGE	1
42	14642	WASHER	PLUG	1

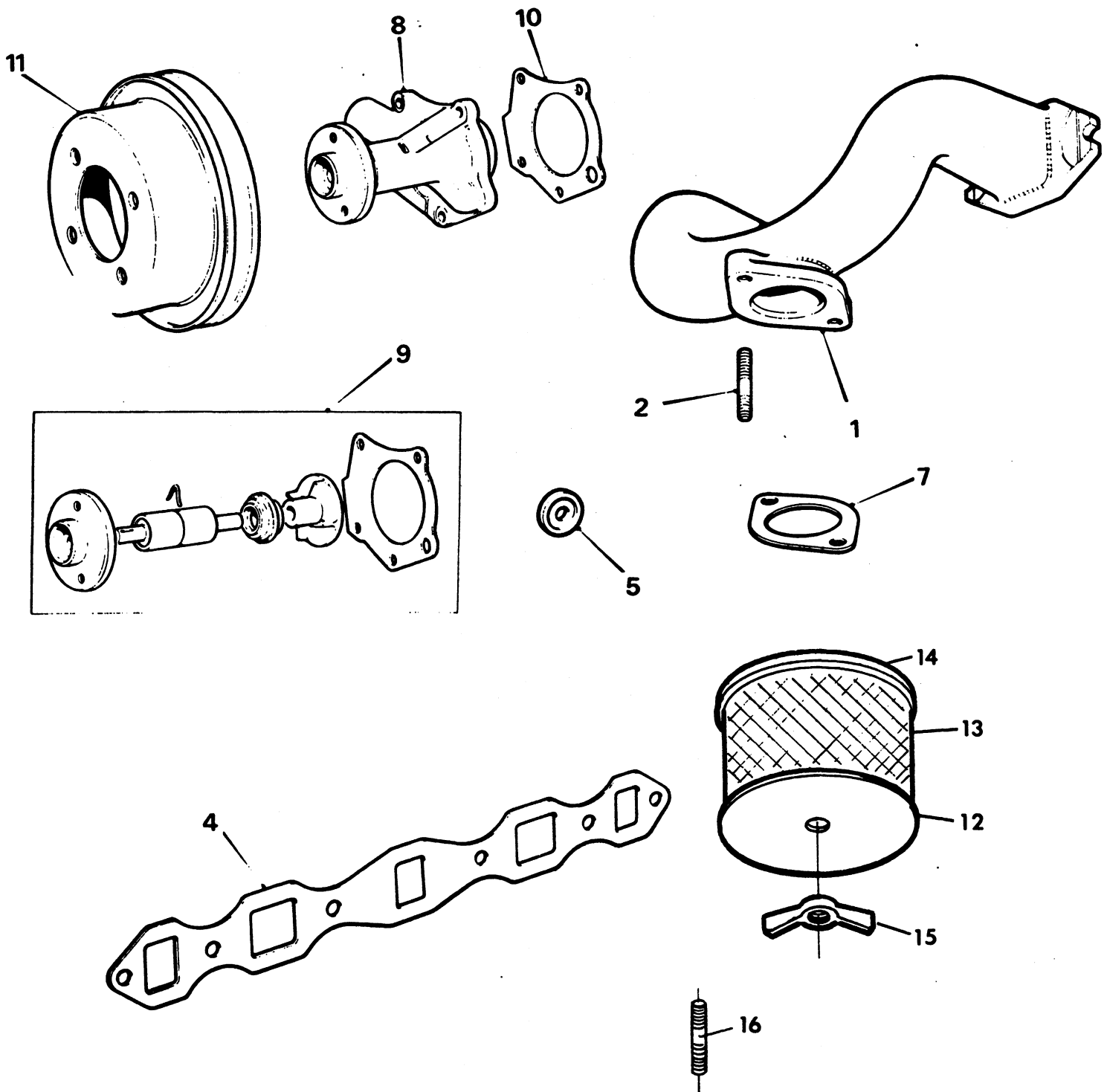
WESTERBEKE 60-TIMING COVER



WESTERBEKE 60-TIMING COVER

REF	PN	NAME	REMARKS	QUAN
1	17875	COVER	TIMING	1
2	17940	SEAL	OIL - TIMING COVER	1
3	17747	GASKET	TIMING COVER	1
4	17719	PLATE	FRONT	1
5	17683	TABWASHER	TIMING COVER	1
6	17733	COVER	SIDE	1
7	17741	GASKET	SIDE COVER	1
8	17997	WASHER	COPPER - SIDE COVER	14
9	14649	PLUG	CYLINDER DRAIN	1
10	14541	WASHER	PLUG - CYLINDER DRAIN	1
20	17734	GASKET	OIL SEPARATOR	1

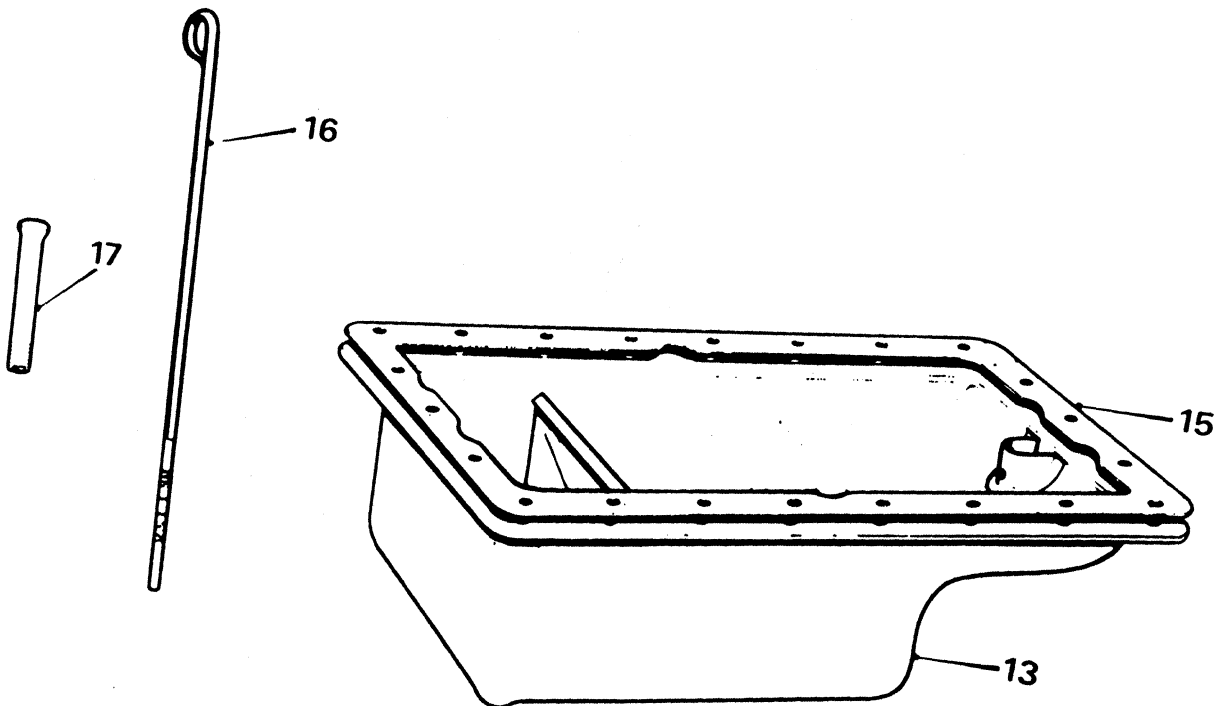
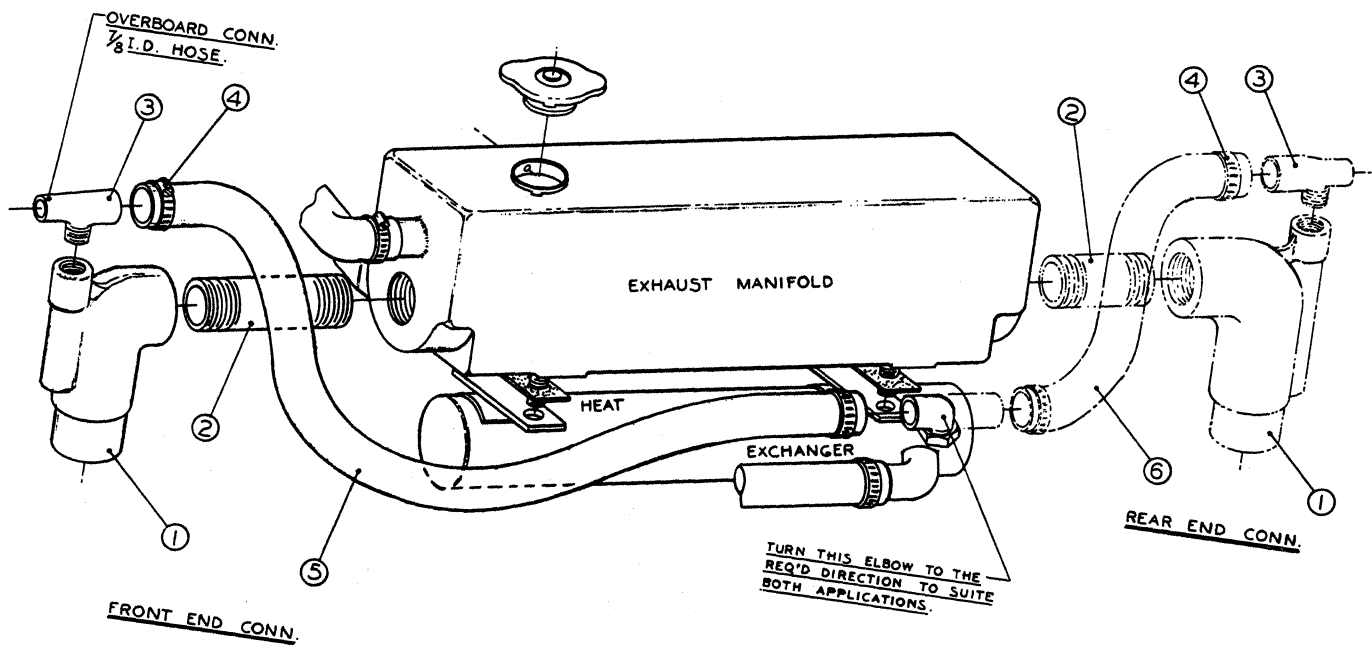
WESTERBEKE 60-INTAKE MANIFOLD-FRESH WATER PUMP



WESTERBEKE 60-INTAKE MANIFOLD-FRESH WATER PUMP

REF	PN	NAME	REMARKS	QUAN
1- 1	17700	MANIFOLD	INTAKE 4-154	1
1- 2		MANIFOLD	W-60 SEE COOLING SECTION	
2	18007	STUD	AIR INTAKE TO MANIFOLD 4-154	2
4	17698	GASKET	EXHAUST MANIFOLD TO BLOCK	1
5	17680	WASHER	CLAMPING-AIR AND EXHAUST MANIFOLDS 4-154	4
7	17701	GASKET	AIR INTAKE TO MANIFOLD 4-154	1
8	17752	PUMP	FRESH WATER	1
9		KIT	REPAIR - WATER PUMP - NOT AVAILABLE	
10	17920	GASKET	WATER PUMP TO CRANKCASE	1
11- 1	17757	PULLEY	WATER PUMP 4-154	1
11- 2	21670	PULLEY	WATER PUMP W-60	1
12	16372	COVER	TOP - AIR INTAKE FILTER 4-154	1
13	16569	FILTER	AIR INLET 4-154	1
14	16371	COVER	BOTTOM - AIR INTAKE FILTER 4-154	1
15	16680	WINGNUT	AIR INLET FILTER 4-154	2
16	19008	STUD	TOP COVER TO BOTTOM COVER 4-154	2

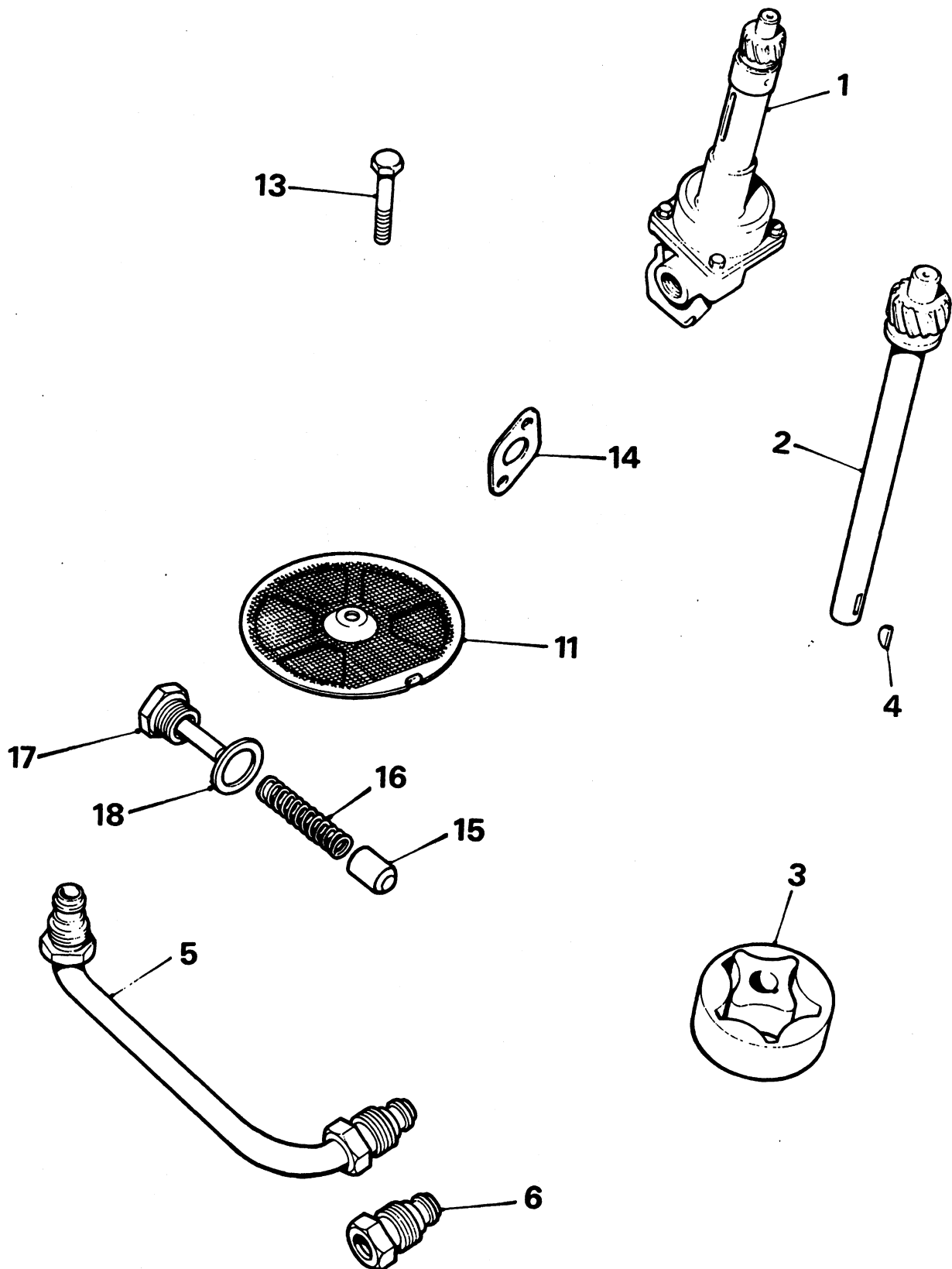
WESTERBEKE 60-EXHAUST ELBOW & OIL SUMP



WESTERBEKE 60-EXHAUST ELBOW & OIL SUMP

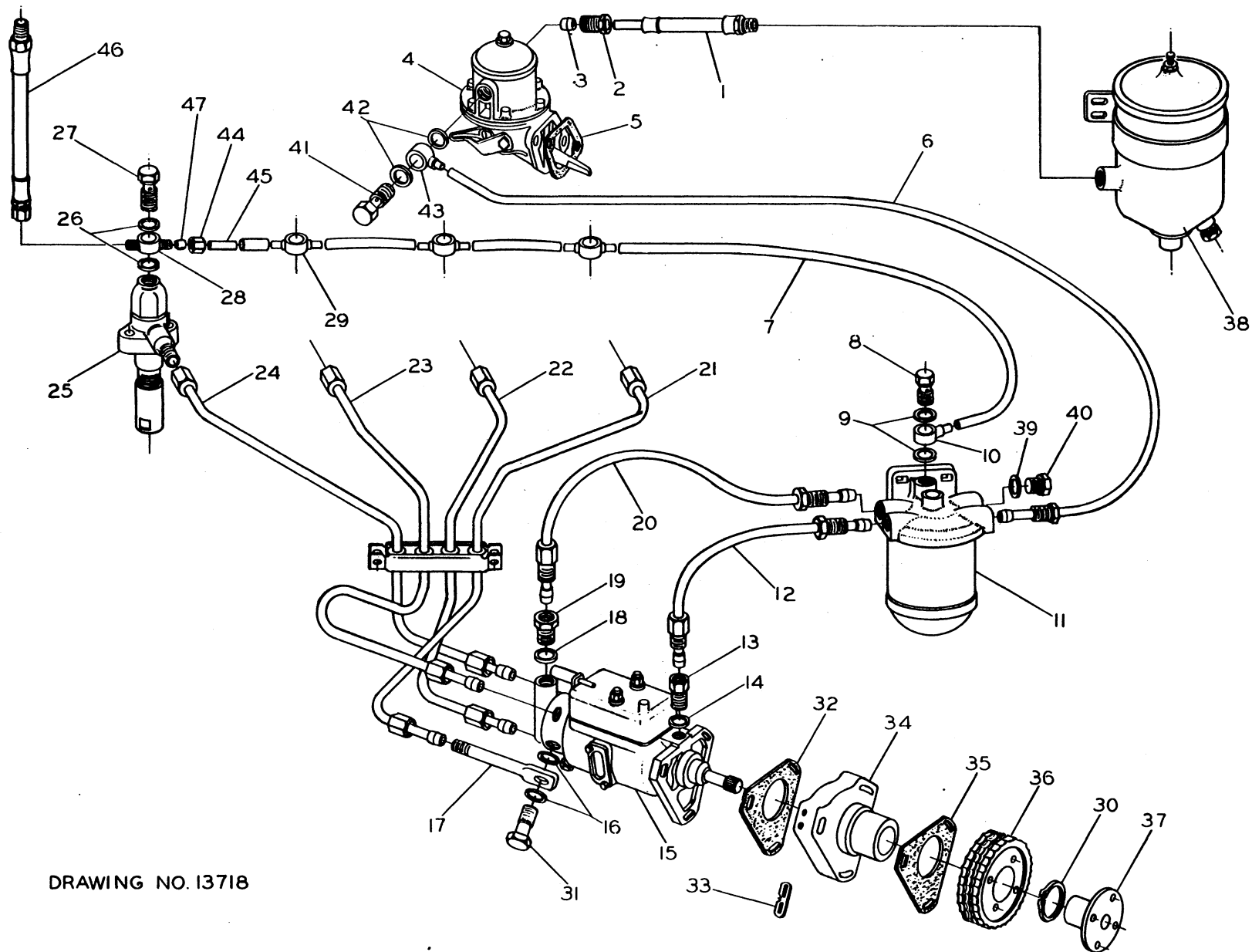
REF	PN	NAME	REMARKS	QUAN
1	15985	ELBOW	WATER INJECTED EXHAUST	1
2	22923	NIPPLE		1
3	23008	TEE		1
4	11405	CLAMP	HOSE	2
5	11779	HOSE	INCHES REQUIRED	30
6	11779	HOSE	INCHES REQUIRED	17
13- 1	16540	SUMP	OIL - 4-154	1
13- 2	21514	SUMP	OIL - WITH DIPSTICK BOSSES ON SIDES W-60	1
14	14528	WASHER	COPPER - DRAIN PLUG 4-154	1
15- 1	17742	GASKET	SUMP 4-154	1
15- 2	21742	GASKET	OIL SUMP W-60	1
16- 1	14439	DIPSTICK	LUBE OIL 4-154	1
16- 2	23289	DIPSTICK	LUBE OIL W-60	1
17- 1	17713	TUBE	DIPSTICK 4-154	1
17- 2	22229	TUBE	DIPSTICK ASSEMBLY W-60	1
18	13716	PLUG	UNUSED DIPSTICK BOSS	1

WESTERBEKE 60-LUBE OIL PUMP



WESTERBEKE 60-LUBE OIL PUMP

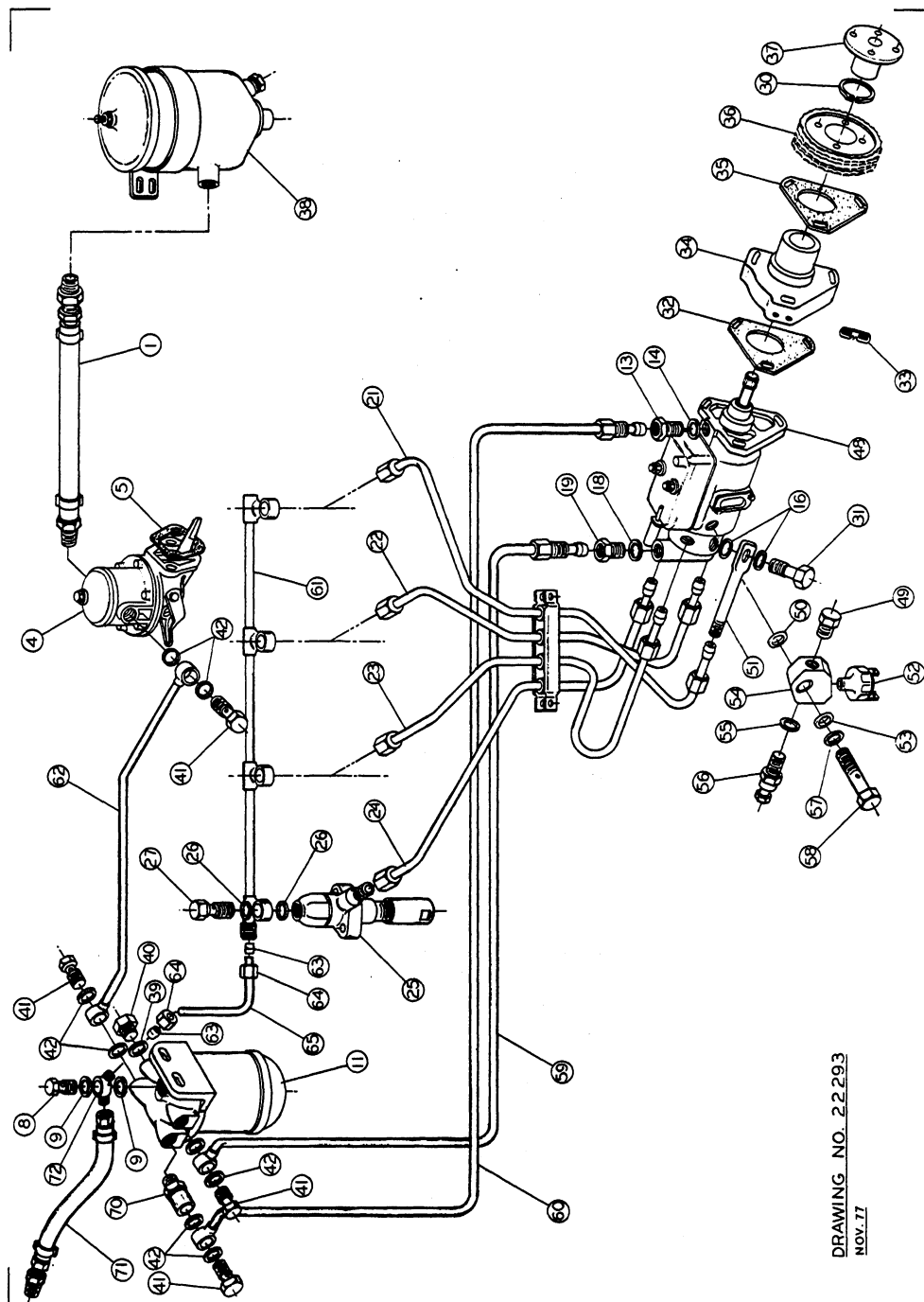
REF	PN	NAME	REMARKS	QUAN
1	17691	PUMP	ASSEMBLY - OIL	1
2	17944	SHAFT		1
3	17753	ROTOR	PAIR	1
4	17943	KEY	SHAFT	1
5	17694	LINE	OIL DELIVERY	1
6	17976	ADAPTER	OIL DELIVERY LINE	2
11	17891	SCREEN	BOTTOM - OIL STRAINER	1
13	17999	BOLT	OIL STRAINER	1
14	17934	GASKET	OIL STRAINER TO PUMP	1
15	14550	VALVE	OIL RELEASE	1
16	17989	SPRING	OIL RELEASE VALVE	1
17	17718	PLUG	OIL RELEASE VALVE	1
18	14528	WASHER	PLUG - OIL RELEASE VALVE	1
22	21677	EXTENTION	OIL PICKUP SCREEN - BOTTOM OF PUMP	1



DRAWING NO. 13718

FOUR-154-FUEL SYSTEM

REF	PN	NAME	REMARKS	QUAN
1	20938	HOSE	FUEL FEED TO LIFT PUMP	1
4- 1	17755	PUMP	FUEL LIFT	1
4- 2	14660	KIT	FUEL LIFT PUMP REPAIR-MINOR	1
5	17856	GASKET	FUEL LIFT PUMP TO BLOCK	1
6	17756	LINE	FUEL LIFT PUMP TO FILTER	1
7	17732	LINE	INJECTOR RETURN TO FILTER	AR 1
8	17650	BOLT	BANJO	1
9	11943	WASHER	BANJO BOLT	2
10	17589	BANJO	FUEL FILTER TOP	1
11- 1	14777	FILTER	FUEL-COMPLETE	1
11- 2	14776	ELEMENT	FUEL FILTER	1
12	17766	LINE	INJECTION PUMP TO FUEL FILTER	1
15	17942	PUMP	FUEL INJECTION-WHEN ORDERING SPECIFY IF	1
15			MARINE ENGINE OR GENERATOR FOR PROPER	
15			SETTING	
20	17766	LINE	FUEL FILTER TO PUMP	1
21	17784	LINE	INJECTOR 1	1
22	17785	LINE	INJECTOR 2	1
23	17786	LINE	INJECTOR 3	1
24	17802	LINE	INJECTOR 4	1
25	17808	INJECTOR	ASSEMBLY	4
26	11943	WASHER	BANJO	8
27	11935	BOLT	INJECTOR BANJO	4
28	11936	BANJO		1
29	15424	BANJO		3
32	17929	GASKET		1
33	17930	INDICATOR	TIMING	1
34	17746	HUB		1
35	17749	GASKET		1
36	17883	GEAR	DRIVING	1
37	17738	FLANGE	DRIVING	1
38	11598	FILTER	PRIMARY FUEL	1
44	13344	NUT		1
45	11783	TUBING	3/16 IN OD	1
46	20950	HOSE	FUEL RETURN	1
47	13343	FERRULE		1

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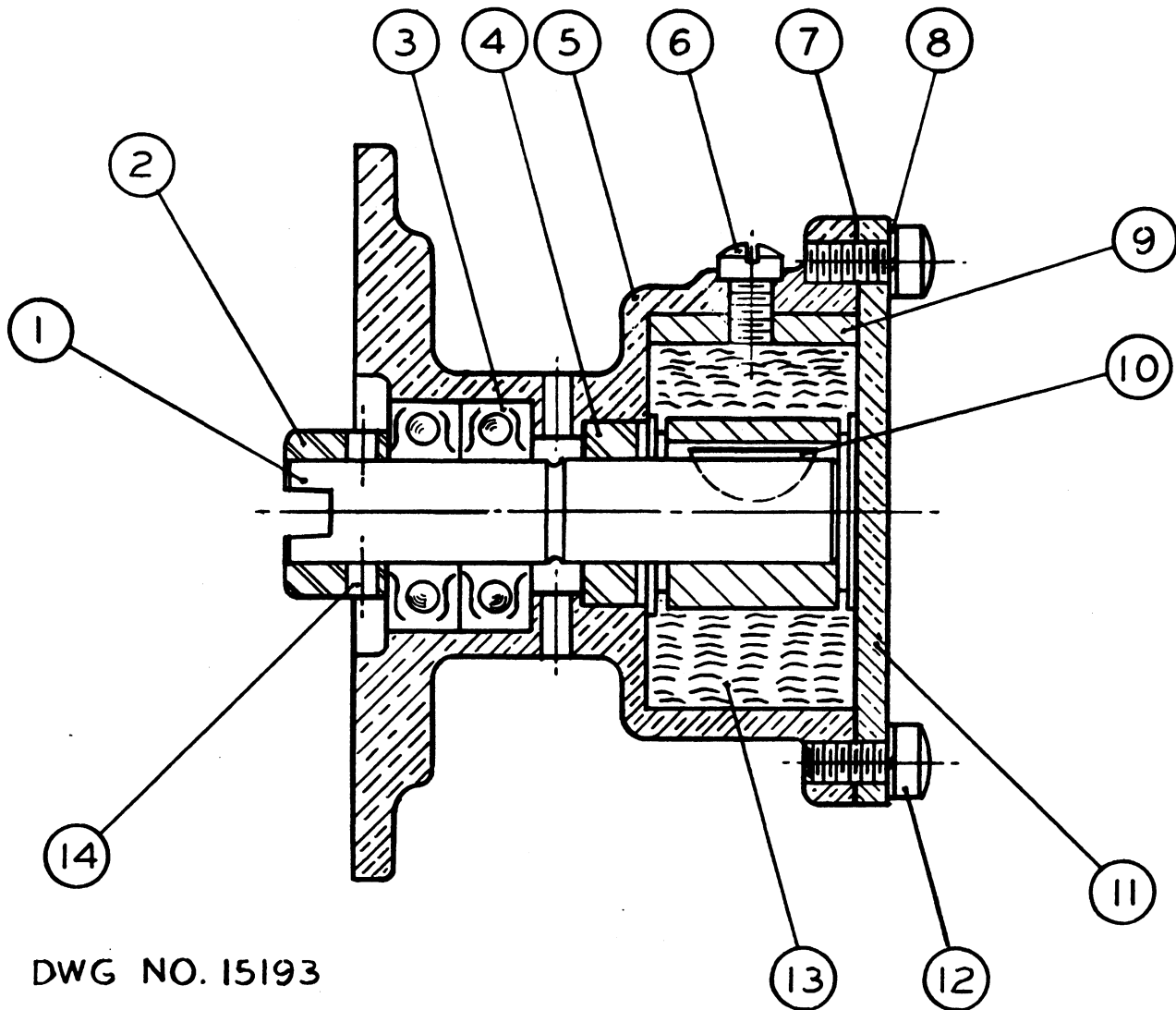
DRAWING NO. 22293
NOV. 77

TOLENCANES INFORMED BY REPORT	J. H. WESTERBEKE CORP.	AVON, MA 02122	DATE 10/25/82	NAME J. H. WESTERBEKE	ADDRESS 100 WESTERBEKE 60 FUEL SYSTEM ILLUSTRATION MANUAL..	DATE 3-31-77	QUANTITY 22293
1	2	3	4	5	6	7	8

MADE IN U.S.A.

WESTERBEKE 60-FUEL SYSTEM

REF	PN	NAME	REMARKS	QUAN
1	20938	HOSE	FUEL FEED TO LIFT PUMP	1
4- 1	17775	PUMP	FUEL LIFT	1
4- 2	14660	KIT	FUEL LIFT PUMP REPAIR	1
5	17856	GASKET	FUEL LIFT PUMP TO BLOCK	1
8	12351	BOLT	BANJO	1
9	11944	WASHER	BANJO	2
11- 1	14777	FILTER	FUEL-COMPLETE	1
11- 2	14776	ELEMENT	FUEL FILTER	1
11- 3	14583	BRACKET		1
21	17784	LINE	INJECTOR 1	1
22	17785	LINE	INJECTOR 2	1
23	17786	LINE	INJECTOR 3	1
24	17802	LINE	INJECTOR 4	1
25	17808	INJECTOR		4
26	11943	WASHER	BANJO	8
27	11935	BOLT	INJECTOR BANJO	4
32	17929	GASKET		1
33	17930	INDICATOR	TIMING	1
34	17746	HUB		1
35	17749	GASKET		1
36	17883	GEAR	DRIVING	1
37	17738	FLANGE	DRIVING	1
38	11598	FILTER	PRIMARY FUEL	1
39	14541	WASHER		1
40	14664	BOLT	FUEL FILTER	1
41	11999	BOLT	BANJO	4
42	11998	WASHER	BANJO	8
48	17942	PUMP	FUEL INJECTION-WHEN ORDERING SPECIFY IF	1
48			MARINE ENGINE OR GENERATOR FOR PROPER	
48			SETTING	
49	11615	PLUG		1
50	19321	O-RING		1
52	11383	SWITCH	FUEL PRESSURE	1
53	19320	O-RING		1
54	19185	ADAPTER		1
55	19261	WASHER	COPPER	1
56	19204	SCREW	BLEED-ASSEMBLY	1
57	19442	WASHER		1
58	19187	SCREW		1
59	21893	LINE	FILTER TO INJECTION PUMP	1
60	21892	LINE	INJECTION PUMP LEAK-OFF TO FILTER	1
61	23300	LINE	INJECTOR RETURN TO FILTER	1
62	22223	LINE	LIFT PUMP TO FILTER	1
63	13343	FERRULE		2
64	13344	NUT		2
65	23006	TUBE	INJECTOR RETURN TO FILTER	1
71	20950	HOSE	FUEL RETURN	1
72	11936	BANJO	FUEL FILTER	1

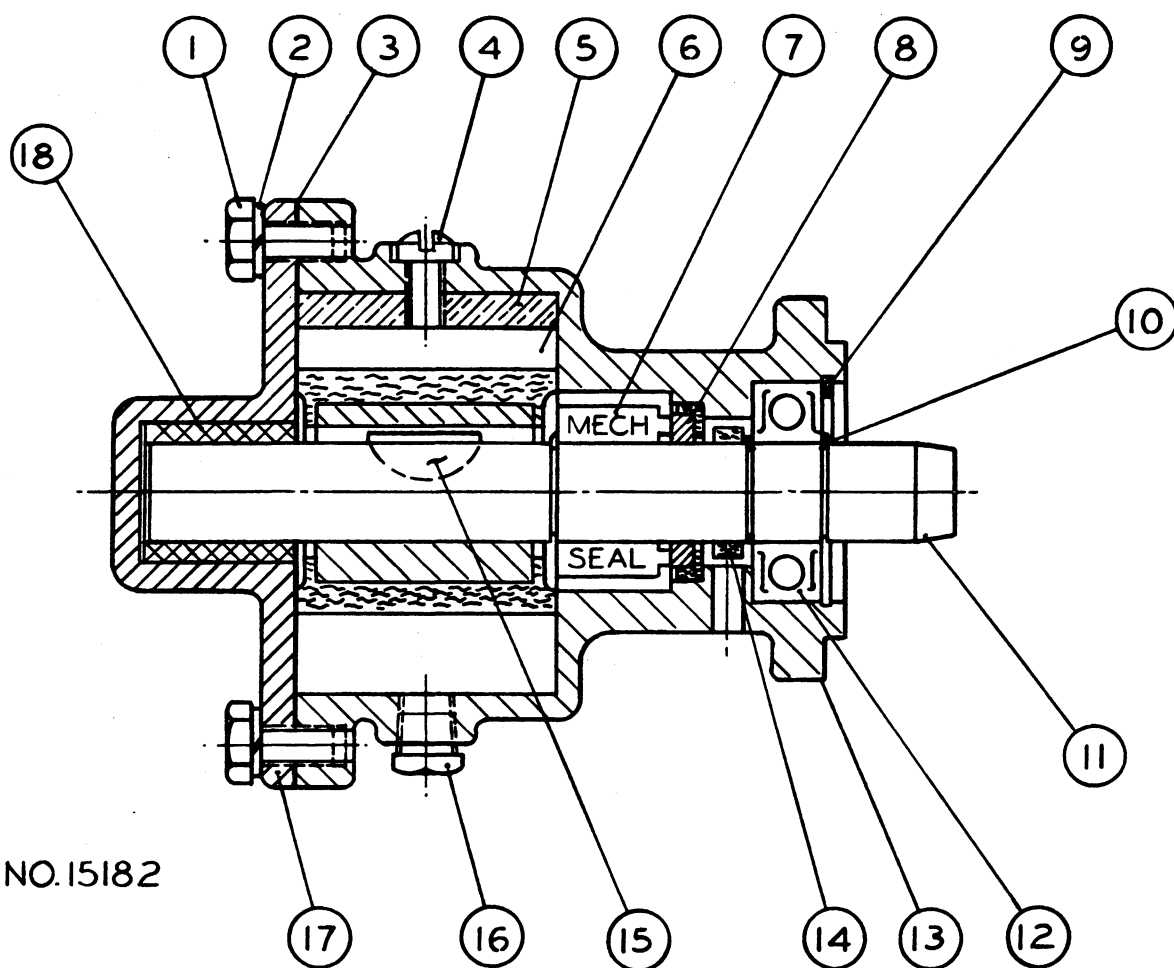


DWG NO. 15193

FOUR-154-SEA WATER PUMP TO APRIL 1974

REF	PN	NAME	REMARKS	QUAN
1	18176	SHAFT		1
2	18138	COUPLING		1
3	18170	BEARING		2
4	18159	SEAL	PRIMARY	1
5- 1	18169	HOUSING	PUMP	1
5- 2	16423	PUMP	COMPLETE	1
5- 3	18172	KIT	MAJOR REPAIR	1
6	18160	SCREW	PUMP HOUSING TO CAM	1
7	15153	GASKET	COVER TO PUMP HOUSING	1
9	12916	CAM		1
10	18148	KEY		1
11	18171	COVER		1
12	18151	SCREW	COVER TO PUMP HOUSING	4
13	11418	IMPELLER		1
14	18141	PIN	COUPLING	1

FOUR-154-SEA WATER PUMP FROM APRIL 1974

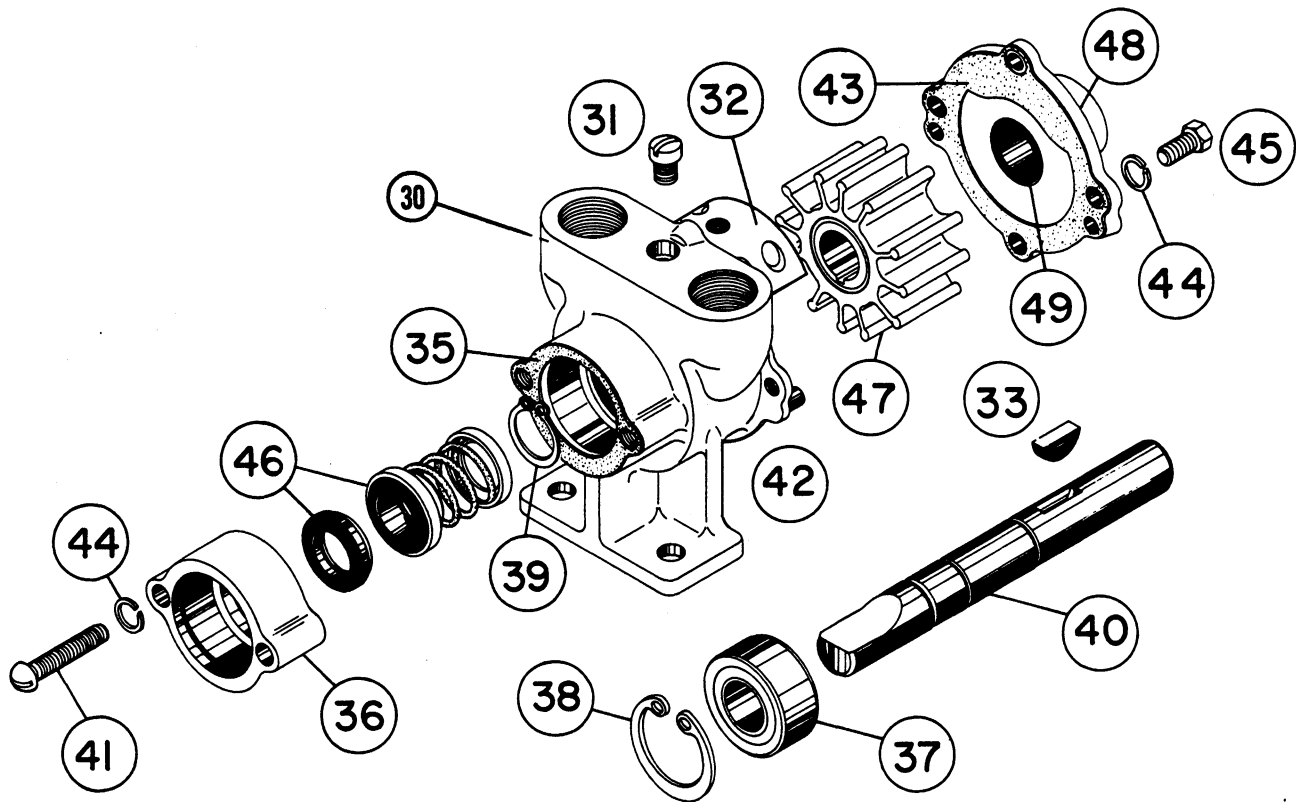


DWG NO.15182

FOUR-154-SEA WATER PUMP FROM APRIL 1974

REF	PN	NAME	REMARKS	QUAN
1	18143	SCREW	COVER TO PUMP HOUSING	4
2	18142	DOWEL	COVER TO PUMP HOUSING	2
3	13954	GASKET	COVER TO PUMP HOUSING	1
4	18160	SCREW	PUMP HOUSING TO CAM	1
5	18166	CAM		1
6	13930	IMPELLER		1
7	14774	SEAL	PRIMARY	1
9	18146	SNAPRING	OUTBOARD BEARING	1
10	18145	SNAPRING	INBOARD BEARING	3
11	18174	SHAFT		1
12	18144	BEARING		1
13- 1	18173	HOUSING	PUMP	1
13- 2	16432	PUMP	COMPLETE	1
13- 3	15131	KIT	REPAIR	1
14	18150	SLINGER		1
15	18148	KEY	IMPELLER TO SHAFT	1
16	18139	DRAINPLUG		1
17	18155	COVER	ASSEMBLY	1
18	18149	BUSHING	SHAFT END	1
19	12290	COLLAR	SHAFT SUPPORT	1
20	13697	DRIVE	SPLINED	1

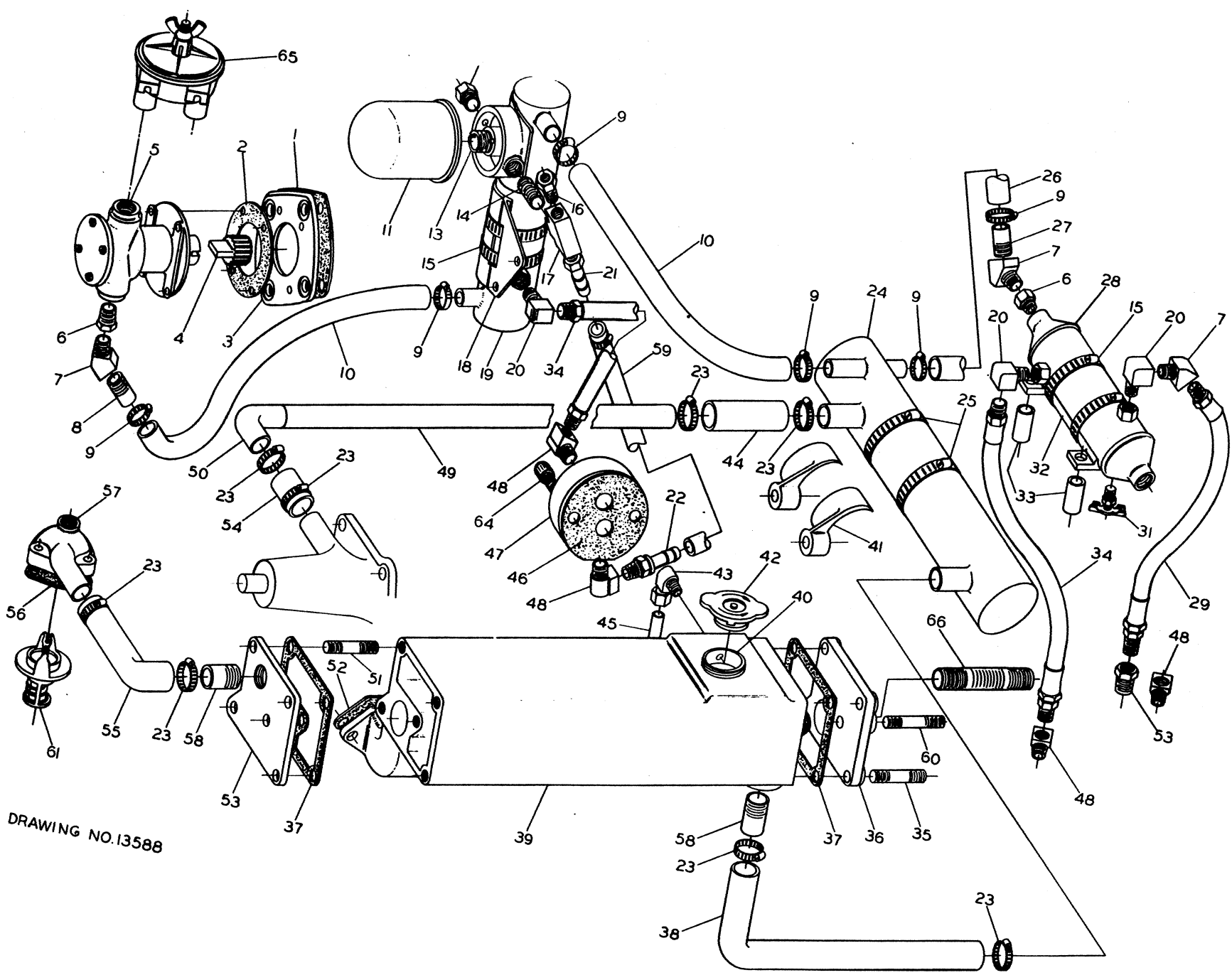
WESTERBEKE 60-SEA WATER PUMP



WESTERBEKE 60-SEA WATER PUMP

REF	PN	NAME	REMARKS	QUAN
30- 1	11353	PUMP	COMPLETE	1
30- 2	18179	HOUSING	PUMP	1
30- 3	11907	KIT	IMPELLER REPLACEMENT	1
31	18151	SCREW	PUMP HOUSING TO CAM	1
32	18152	CAM		1
33	18148	KEY	IMPELLER TO SHAFT	1
34	18139	PLUG	DRAIN	1
35	18154	GASKET	BEARING TO PUMP HOUSINGS	1
36	18180	HOUSING	BEARING	1
37	18144	BEARING		1
38	18146	SNAPRING	OUTBOARD BEARING	1
39	18145	SNAPRING	INBOARD BEARING	3
40	18164	SHAFT		1
41	18147	SCREW	BEARING TO PUMP HOUSINGS	2
42	18142	PIN	COVER TO PUMP HOUSING	2
43	11419	GASKET	IMPELLER COVER	1
45	18143	SCREW	IMPELLER COVER	4
46	14774	SEAL	PRIMARY	1
47	11418	IMPELLER		1
48	18153	COVER	IMPELLER	1
49	18149	BUSHING	SHAFT END	1
50	22392	KEY	DRIVE PULLEY TO SHAFT	1

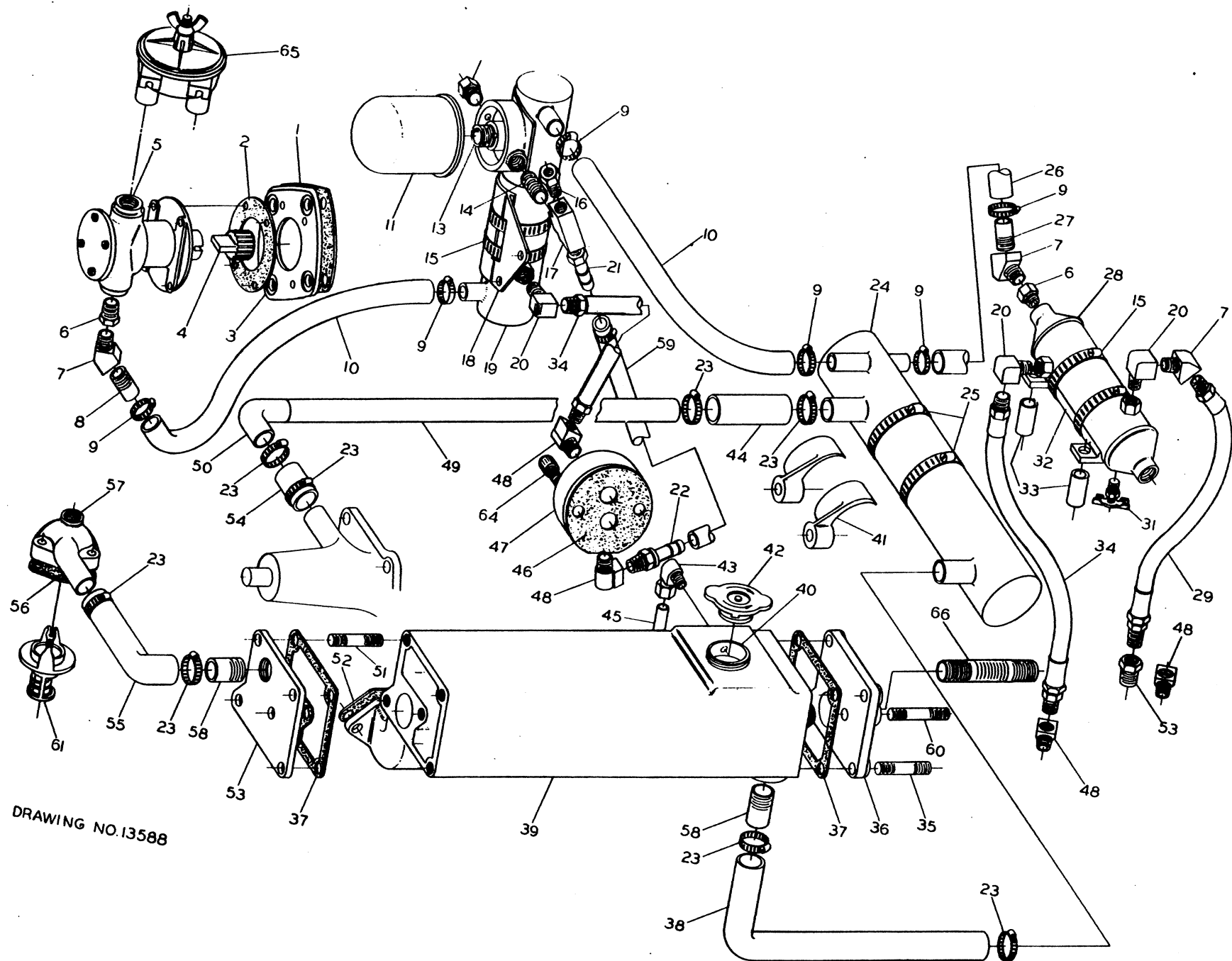
FOUR-154-COOLING SYSTEM



DRAWING NO.13588

FOUR-154-COOLING SYSTEM

REF	PN	NAME	REMARKS	QUAN
1	17587	GASKET	PUMP ADAPTER TO TIMING COVER	1
2- 1	11143	GASKET	16423 PUMP TO TIMING COVER	1
2- 2	17614	GASKET	16432 SEA WATER PUMP TO ADAPTER	1
3- 1	16634	PLATE	MOUNTING FOR PUMP 16423	1
3- 2	19060	PLATE	MOUNTING - FOR 16432 PUMP	1
4- 1	16626	DRIVE	16423 SEA WATER PUMP	1
4- 2	13697	DRIVE	16432 SEA WATER PUMP	1
5- 1	16423	PUMP	SEA WATER TO APRIL 1974	1
5- 2	16432	PUMP	SEA WATER FROM APRIL 1974	1
6	11659	BUSHING		3
7	13337	ELBOW		2
8	19065	NIPPLE	HOSE	2
9	11341	CLAMP	HOSE	6
10	19059	TUBING		3
11	16655	FILTER	LUBE OIL	1
12	13716	PLUG	HEX HEAD	1
13- 1	13610	NIPPLE		1
13- 2	13971	SCREW	OIL FILTER NIPPLE LOCKING	1
14	11650	NIPPLE		1
15	11411	CLAMP	COOLER TO BRACKET	4
16	13717	BUSHING		1
17	13715	TEE		1
18	13464	BRACKET	COOLER TO BLOCK	1
19	16403	COOLER	LUBE OIL	1
20	13338	ELBOW		4
21	11777	ADAPTER	NO SWIVEL	1
22	11776	ADAPTER	SWIVEL	1
23	11405	CLAMP	HOSE	8
24	19058	EXCHANGER		1
25	11505	CLAMP		2
26	11517	LINE	OIL	1
27	13519	NIPPLE		1
28	11657	COOLER	GEAR OIL	1
29	11926	HOSE		1
31	11471	PETCOCK		1
32	11017	BRACKET	COOLER	1
33	13621	SPACER	HEAT EXCHANGER BRACKET	2
34	11923	HOSE		1
35	16466	STUD	EXHAUST FLANGE TO MANIFOLD	3
36	16379	FLANGE	EXHAUST	1
37	16380	GASKET	EXHAUST FLANGE TO MANIFOLD	1
38	13825	HOSE	SEA WATER	1
39	16383	MANIFOLD	EXHAUST	1
40	11751	NECK	FILLER	1
41	11115	BRACKET	HEAT EXCHANGER MOUNTING	2
42	11499	CAP	FILLER	1
43	13329	ELBOW	OVERFLOW LINE	1
44	15774	HOSE		1
45	11500	TUBING	OVERFLOW	1
46	14567	GASKET	LUBE OIL ADAPTER TO BLOCK	1
47	12254	ADAPTER	ENGINE LUBE OIL BOSS	1
48	13330	ELBOW	STREET	4
49	11504	TUBING	COPPER	1

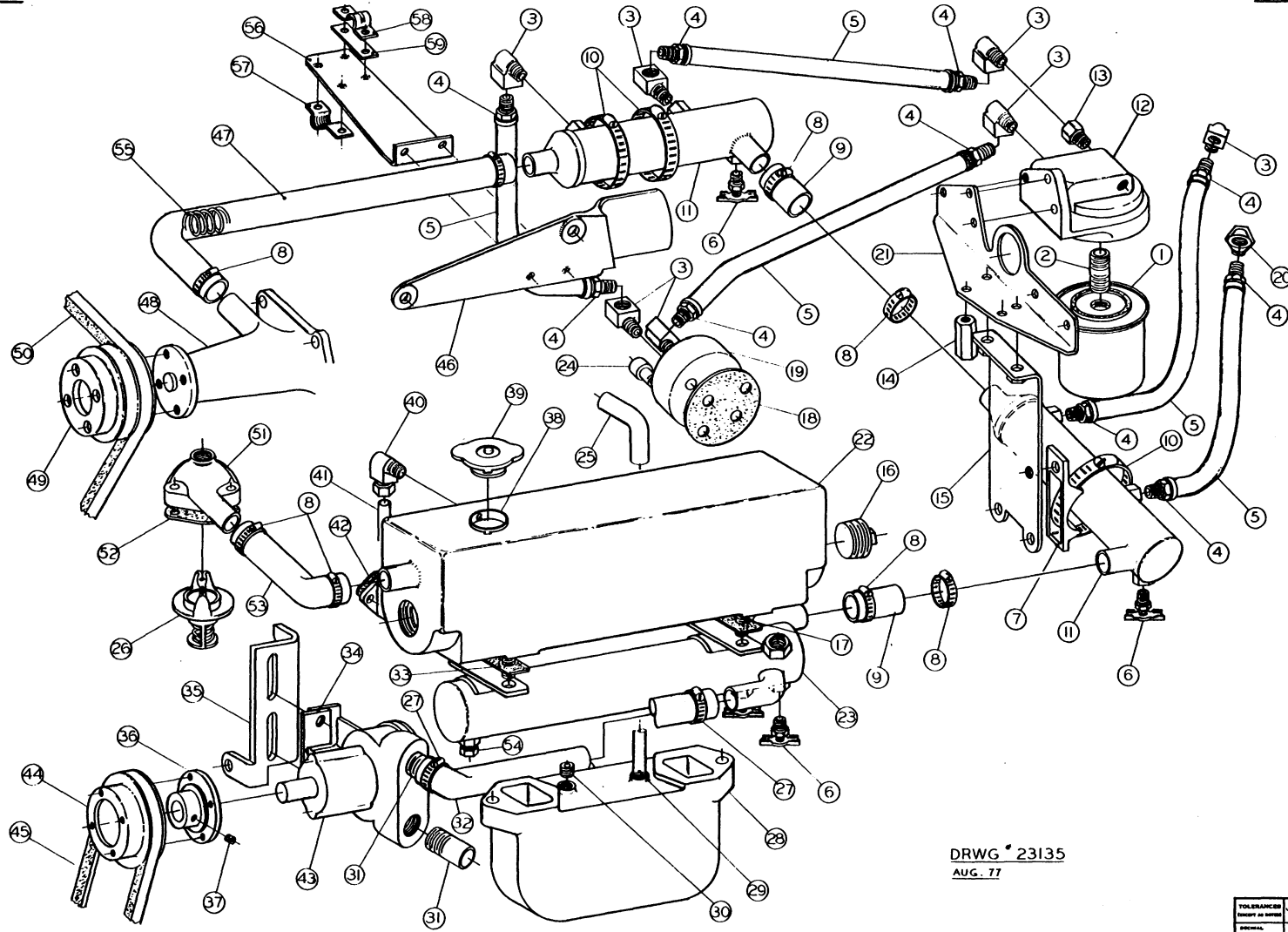


FOUR-154-COOLING SYSTEM

DRAWING NO. 13588

FOUR-154-COOLING SYSTEM

REF	PN	NAME	REMARKS	QUAN
50	11502	ELBOW	COPPER	1
51	16415	STUD	EXCHANGER TO MANIFOLD	1
52	17698	GASKET	MANIFOLD TO HEAD	1
53	16381	PLATE	MANIFOLD FRONT COVER	1
54	11501	HOSE		1
55	11652	HOSE	FRESH WATER	1
56	17703	GASKET	THERMOSTAT	1
57	16370	HOUSING	THERMOSTAT	1
58	11285	CONNECTOR		2
59	11775	HOSE	FOR LUBE AND GEAR OIL PIPING	AR
60	11157	STUD	EXHAUST FLANGE TO MANIFOLD	1
61	18136	THERMOSTAT		1
63- 1	11659	BUSHING	HOSE 11926 TO WARNER GEAR	1
63- 2	13330	ELBOW	HOSE 11926 TO PARAGON GEAR	1
64	11995	SCREW	LUBE OIL ADAPTER TO BLOCK	2
65	15010	STRAINER	SEA WATER	1
66	15105	LINE	FLEXIBLE EXHAUST - 12 IN LONG	1



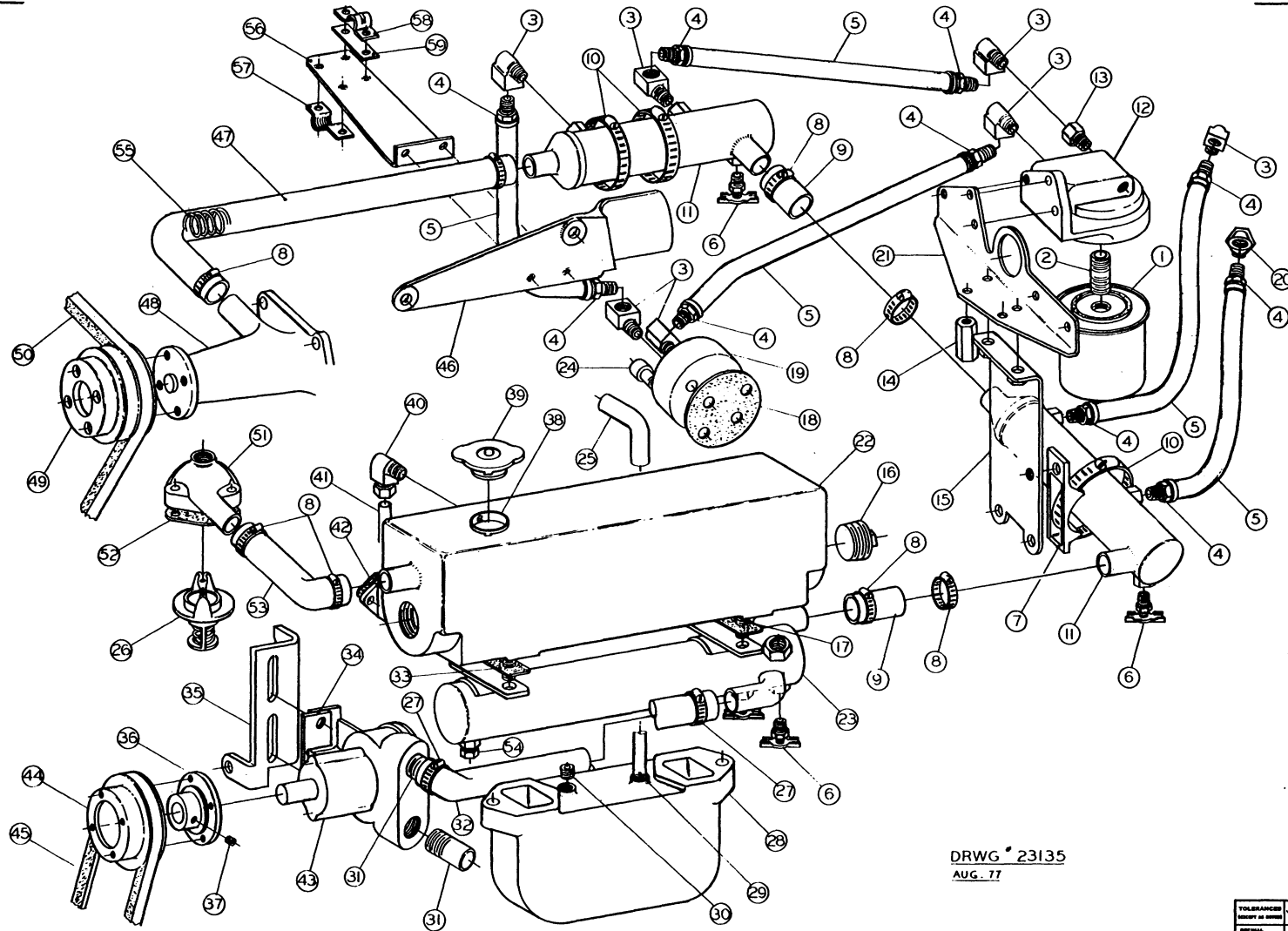
DRWG * 23135
AUG. 77

TOLERANCES UNLESS OTHERWISE SPECIFIED		J.H. WESTERBEKE CORP. AVON, MA 02322	
DIMENSION	FINISH	DATE	BY
2 ~	2 ~	8-29-77	23135
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WESTERBEKE 60-COOLING SYSTEM

WESTERBEKE 60-COOLING SYSTEM

REF	PN	NAME	REMARKS	QUAN
1	16655	FILTER	LUBE OIL	1
2	13610	NIPPLE	LUBE OIL FILTER	1
3	13330	ELBOW	OIL LINES	AR
4	11776	ADAPTER	OIL LINES	AR
5	11775	HOSE	OIL LINES	AR
6- 1	11471	PETCOCK	EXCHANGER AND COOLERS	AR
6- 2	14152	PETCOCK	BLOCK DRAIN	1
7	21467	BRACKET	TRANSMISSION OIL COOLER	1
8	21878	CLAMP	HOSE	AR
9	11501	HOSE		AR
10	11411	CLAMP	OIL COOLER MOUNT	AR
11	22032	COOLER	OIL	AR
12	21690	ADAPTER	LUBE OIL FILTER	1
13	13332	ADAPTER	LUBE OIL LINE TO FILTER	1
14	14511	PILLAR	SUPPORT LIFTING EYES AND FILTER BRACKET	4
15	21738	BRACKET		1
16	19324	PLUG	EXHAUST MANIFOLD	1
17	11928	STUD	HEAT EXCHANGER	4
18	14567	GASKET	LUBE OIL ADAPTER TO BLOCK	1
19	22320	ADAPTER	LUBE OIL LINES TO BLOCK	1
20	13331	ELBOW		AR
21	21739	BRACKET	FILTERS AND REAR LIFTING EYE	1
22- 1	21562	MANIFOLD		1
22- 2	16404	PLUG	EXPANSION 1.5 IN	1
22- 3	19334	PLUG	EXPANSION 1.25 IN	1
23	21903	EXCHANGER		1
24	11995	SCREW	LUBE OIL ADAPTER TO BLOCK	2
25	11656	HOSE	BREATHER	1
26	18136	THERMOSTAT		1
27	11405	CLAMP	HOSE	2
28	22036	SILENCER	AIR INTAKE	1
29	23016	TUBE	BREATHER	1
30	23143	PLUG	AIR SILENCER	1
31	11254	NIPPLE	SEA WATER PUMP TO HOSE	2
32	22033	HOSE	HEAT EXCHANGER TO SEA WATER PUMP	1
33	22000	GASKET	HEAT EXCHANGER	2
34	21740	BRACKET	SEA WATER PUMP	1
35	21546	BRACKET	SEA WATER PUMP	1
36	21612	COULPING	SEA WATER PUMP	1
37	11357	SCREW	COUPLING	1
38	11751	NECK		1
39	11499	CAP		1
40	13329	ELBOW	OVERFLOW LINE	1
41	11500	TUBING	OVERFLOW LINE-INCHES REQD	14
42	17698	GASKET	MANIFOLD TO HEAD	1
43	11353	PUMP	SEA WATER	1
44	17757	PULLEY	SEA WATER PUMP	1
45	22013	BELT	SEA WATER PUMP	1
46	21736	BRACKET	OIL COOLER	1
47	19315	HOSE	FW PUMP TO OIL COOLER	1



DRWG # 23135
AUG. 77

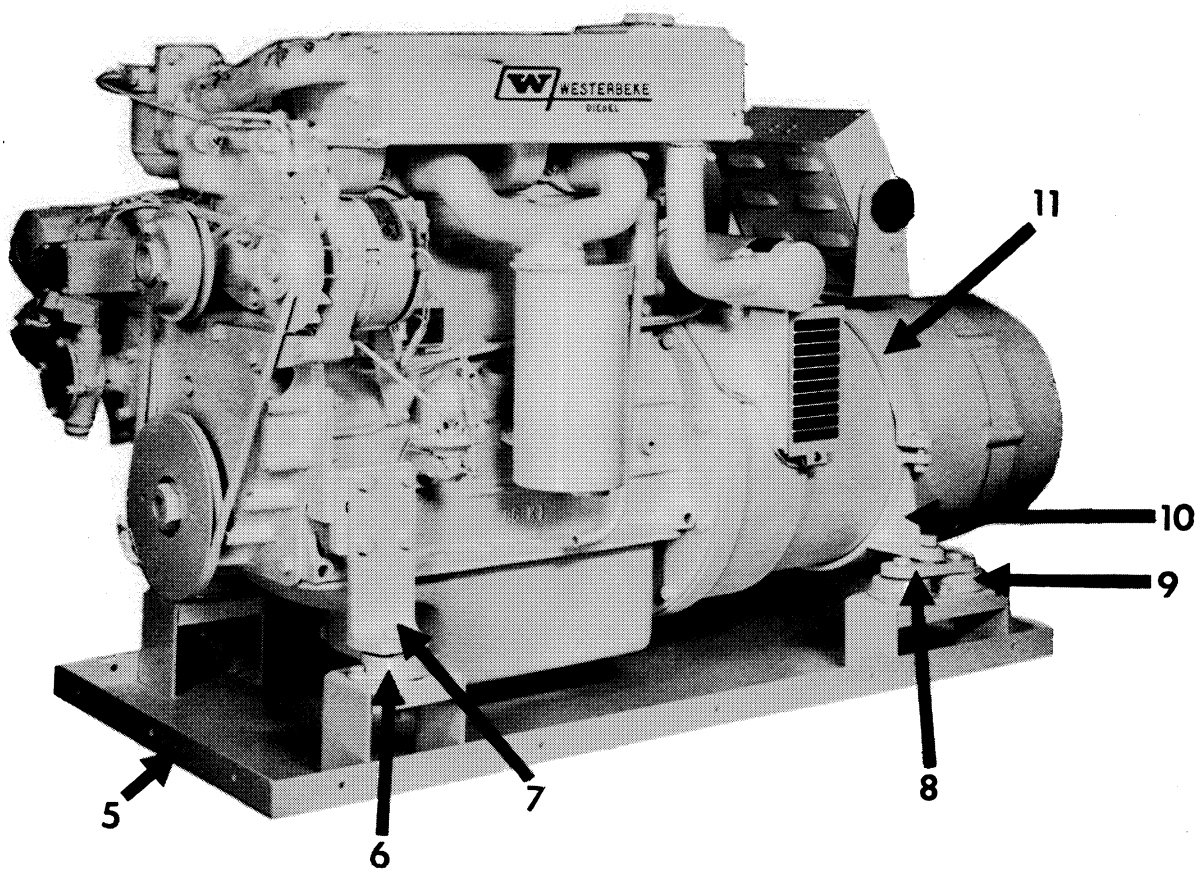
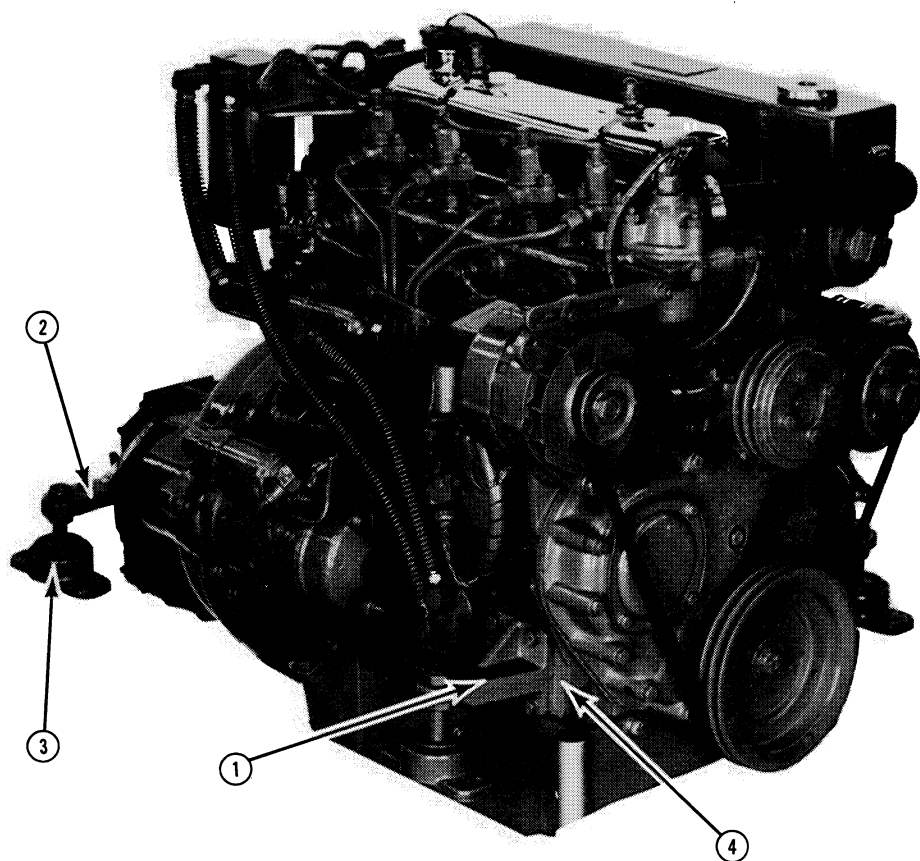
J.H. WESTERBEKE CORP. AVON, MA 02322			
TOLERANCES UNLESS OTHERWISE SPECIFIED	INCHES	MM	DECIMALS
2 ~	FRACTIONAL	NONE	UNLESS OTHERWISE SPECIFIED
2 ~	DECIMAL	23135	23135
2 ~	DATE	8-29-77	23135

WESTERBEKE 60-COOLING SYSTEM

SEE ALTERNATE TANK
DRAWING 23135-1

MADE IN U.S.A.

WESTERBEKE 60 AND WPDS 20-MOUNTS



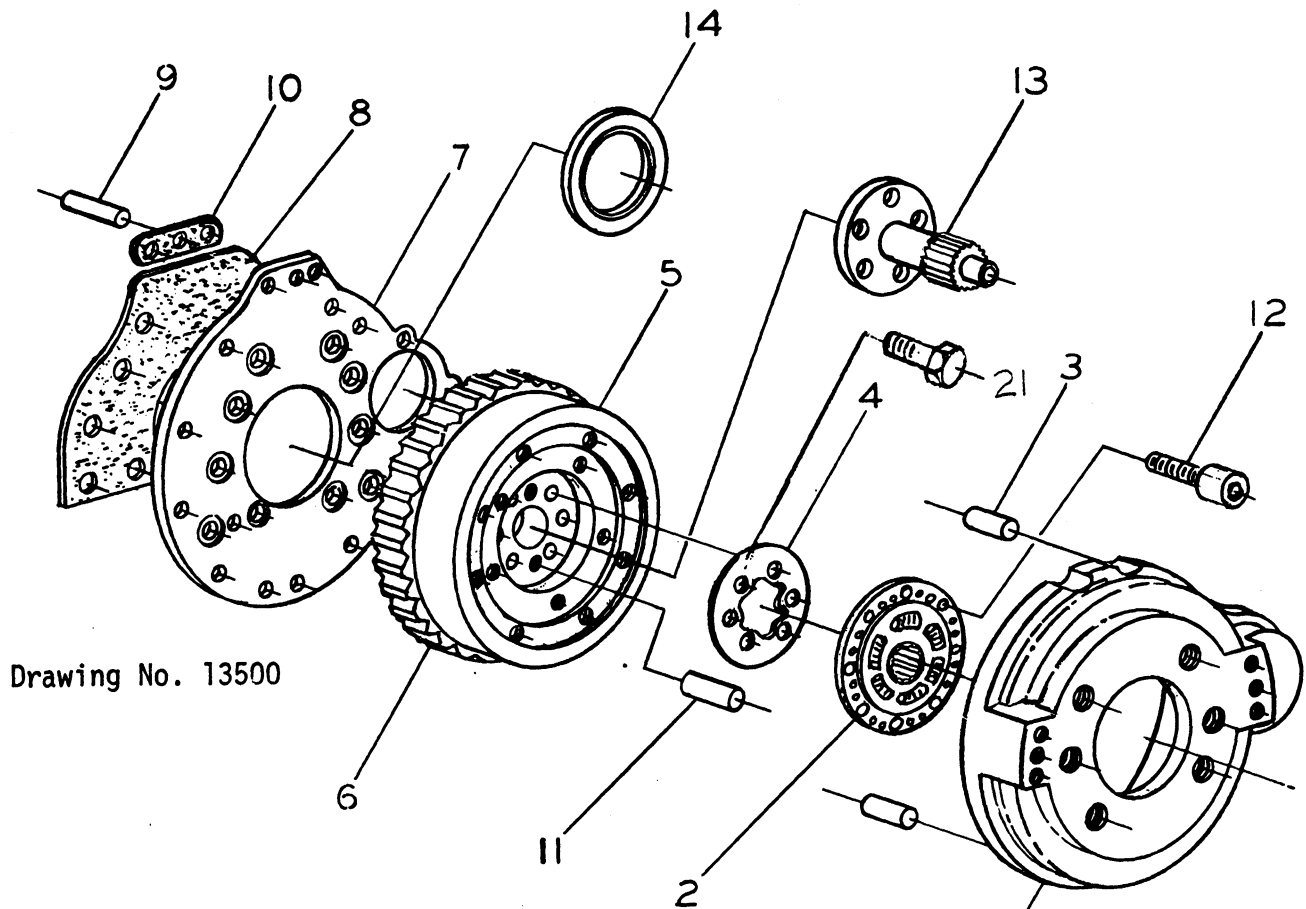
WESTERBEKE 60-COOLING SYSTEM

REF	PN	NAME	REMARKS	QUAN
48	17752	PUMP	FRESH WATER	1
49	21670	PULLEY	FRESH WATER PUMP	1
50	22030	BELT	ALTERNATOR AND FW PUMP	1
51	21724	HOUSING	THERMOSTAT	1
52	17703	GASKET	THERMOSTAT	1
53	19315	HOSE	THERMOSTAT	1
54	11885	ZINC		1
55	23134	SPRING	SUPPORT HOSE FW PUMP TO COOLER	1
56	23427	BRACKET	THROTTLE CABLE SUPPORT	1
57	13325	CLAMP		1
58	13871	CLAMP		1
59	13870	SHIM		1
70	15010	STRAINER	SEA WATER-OPTIONAL	1
71	21513	FILTER	REMOTE LUBE OIL-OPTIONAL	1
72	12169	LINE	FLEXIBLE EXHAUST 12 IN LONG	1

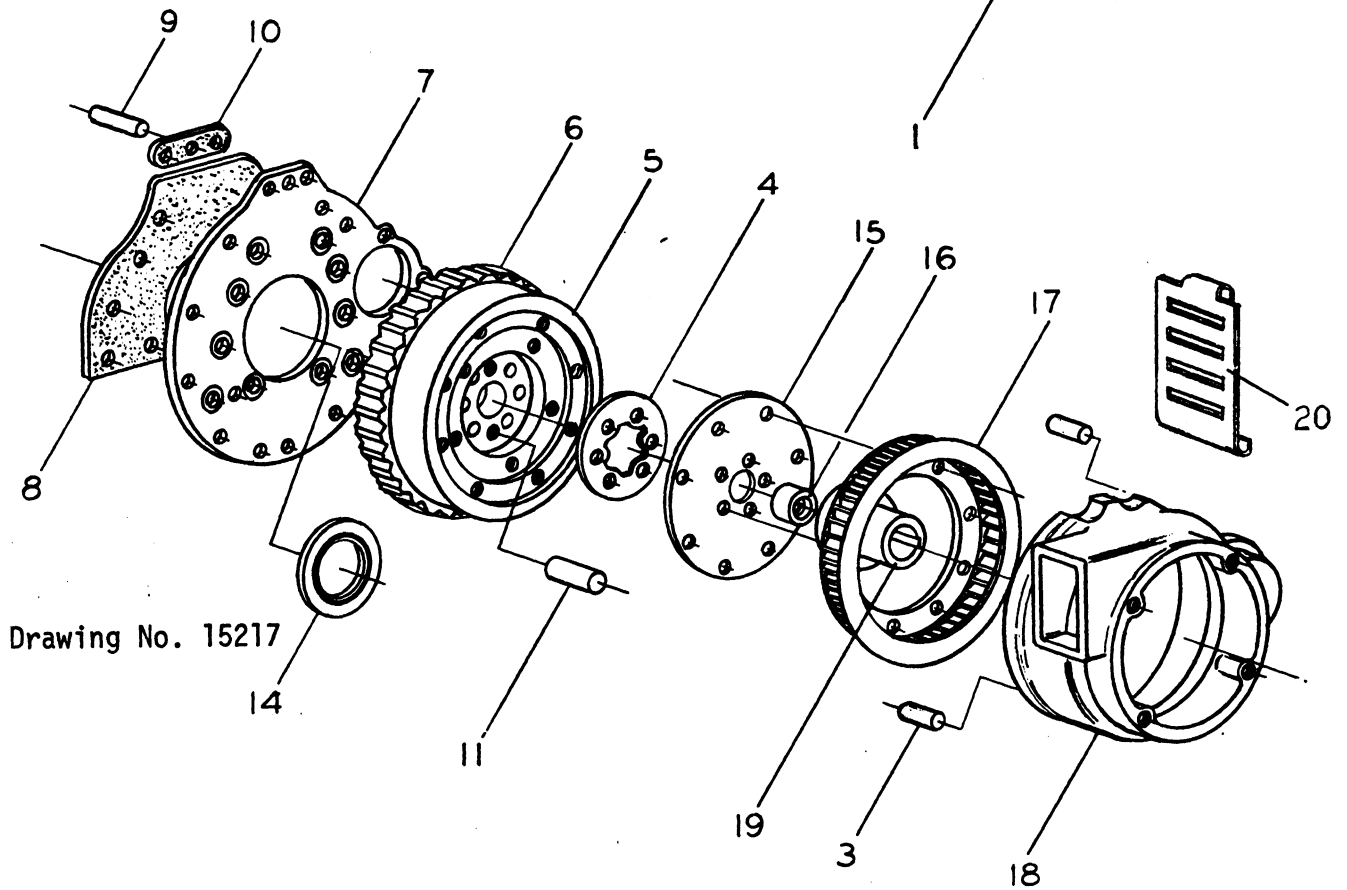
WESTERBEKE 60 AND WPDS 20-MOUNTS

REF	PN	NAME	REMARKS	QUAN
1	16660	MOUNT	FRONT	2
2- 1	13055	MOUNT	REAR - ATTACH TO TRANSMISSION	2
2- 2	15078	MOUNT	REAR - ATTACH TO BELLHOUSING	2
3	11687	ISOLATOR		4
4- 1	16646	ADAPTER	FRONT LEFT MOUNT	1
4- 2	16648	ADAPTER	FRONT RIGHT MOUNT	1
5- 1	21528	BASE	GENERATOR YD SERIES	1
5- 2	12167	BASE	GENERATOR JC SERIES	1
6	15238	ISOLATOR	FRONT	2
7	17248	MOUNT	FRONT	2
8	13107	PLATE	MOUNTING- REAR JC SERIES	2
9- 1	21530	ISOLATOR	REAR YD SERIES	2
9- 2	15239	ISOLATOR	REAR JC SERIES	2
10	12988	BAND	LOWER JC SERIES	1
11	12925	BAND	UPPER JC SERIES	1

WESTERBEKE 60-BACK END ARRANGEMENTS



Drawing No. 13500

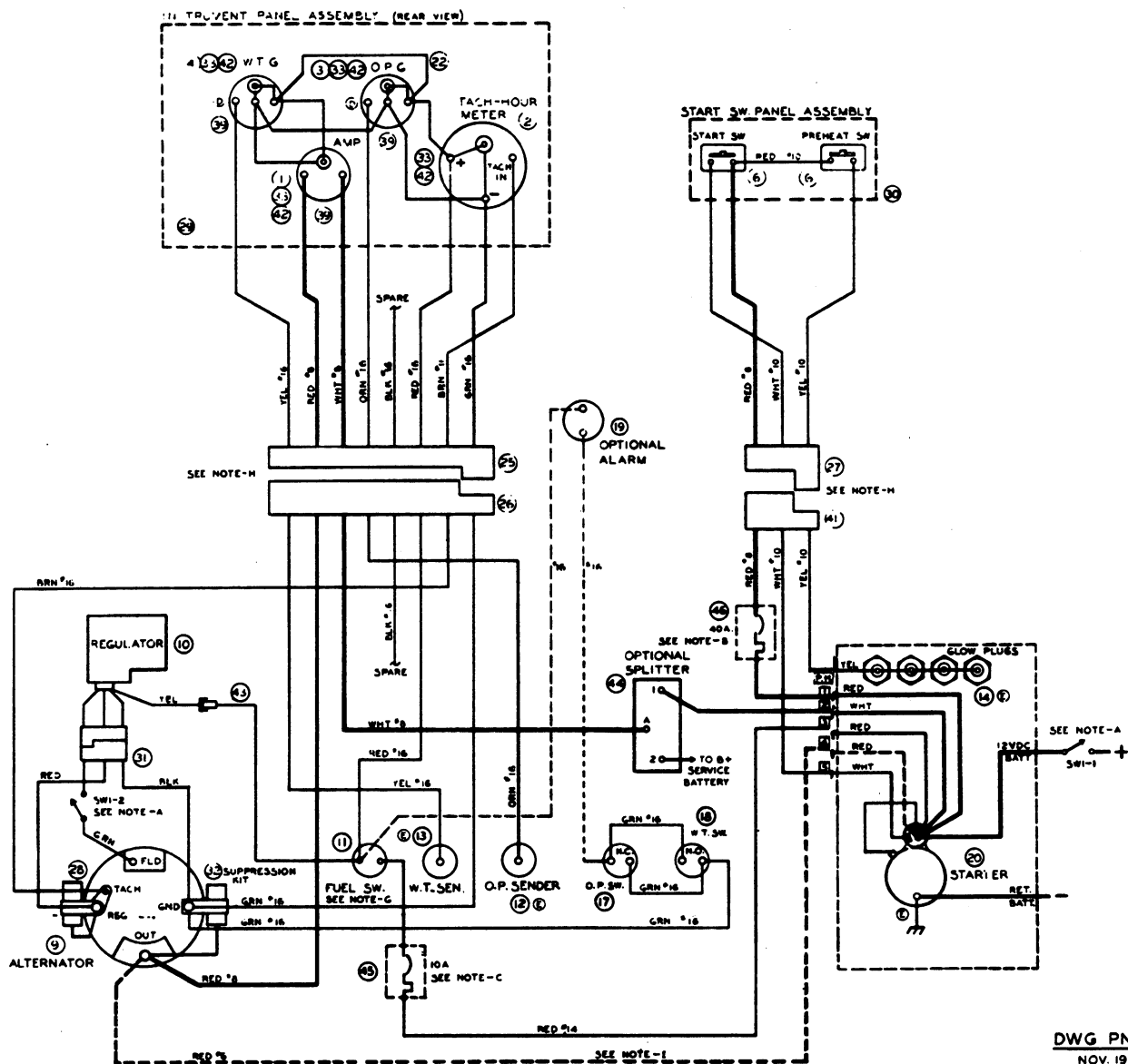


Drawing No. 15217

WESTERBEKE 60-BACK END ARRANGEMENTS

REF	PN	NAME	REMARKS	QUAN
1	16488	HOUSING	TRANSMISSION	1
2	11989	DAMPER		1
3	11498	DOWEL	HOUSING TO BACKPLATE	2
4	13072	WASHER	FLYWHEEL	1
5- 1	22996	FLYWHEEL	WITH RING GEAR	1
5- 2	16430	FLYWHEEL	GENERATOR JC SERIES	1
6	16652	RING GEAR		1
7- 1	16384	BACKPLATE		1
7- 2	22931	BACKPLATE	WITH OIL SEAL	1
8	17583	GASKET	BACKPLATE TO BLOCK	1
9	11955	DOWEL	BACKPLATE TO BLOCK	1
10	17748	GASKET	HOUSING TO BLOCK - TOP	1
11	17847	DOWEL	FLYWHEEL TO CRANKSHAFT	2
12	13555	SCREW	DAMPER TO FLYWHEEL	5
13	16431	GEAR	MANUAL TRANSMISSION DRIVING	1
14	16519	SEAL	OIL-BACKPLATE	1
15	12004	PLATE	DRIVE	1
16	11086	WASHER		1
17	12001	FAN		1
18- 1	20688	HOUSING	GENERATOR YD SERIES	1
18- 2	16638	HOUSING	GENERATOR JC SERIES	1
19- 1	20944	COUPLING	DRIVE HUB YD SERIES	1
19- 2	12070	COUPLING	DRIVE HUB JC SERIES	1
20	11553	GUARD	COVERS EXHAUST OUTLET	1
21	17727	SCREW	FLYWHEEL TO CRANKSHAFT	6

WESTERBEKE 60-ELECTRICAL SYSTEM-MARINE ENGINE

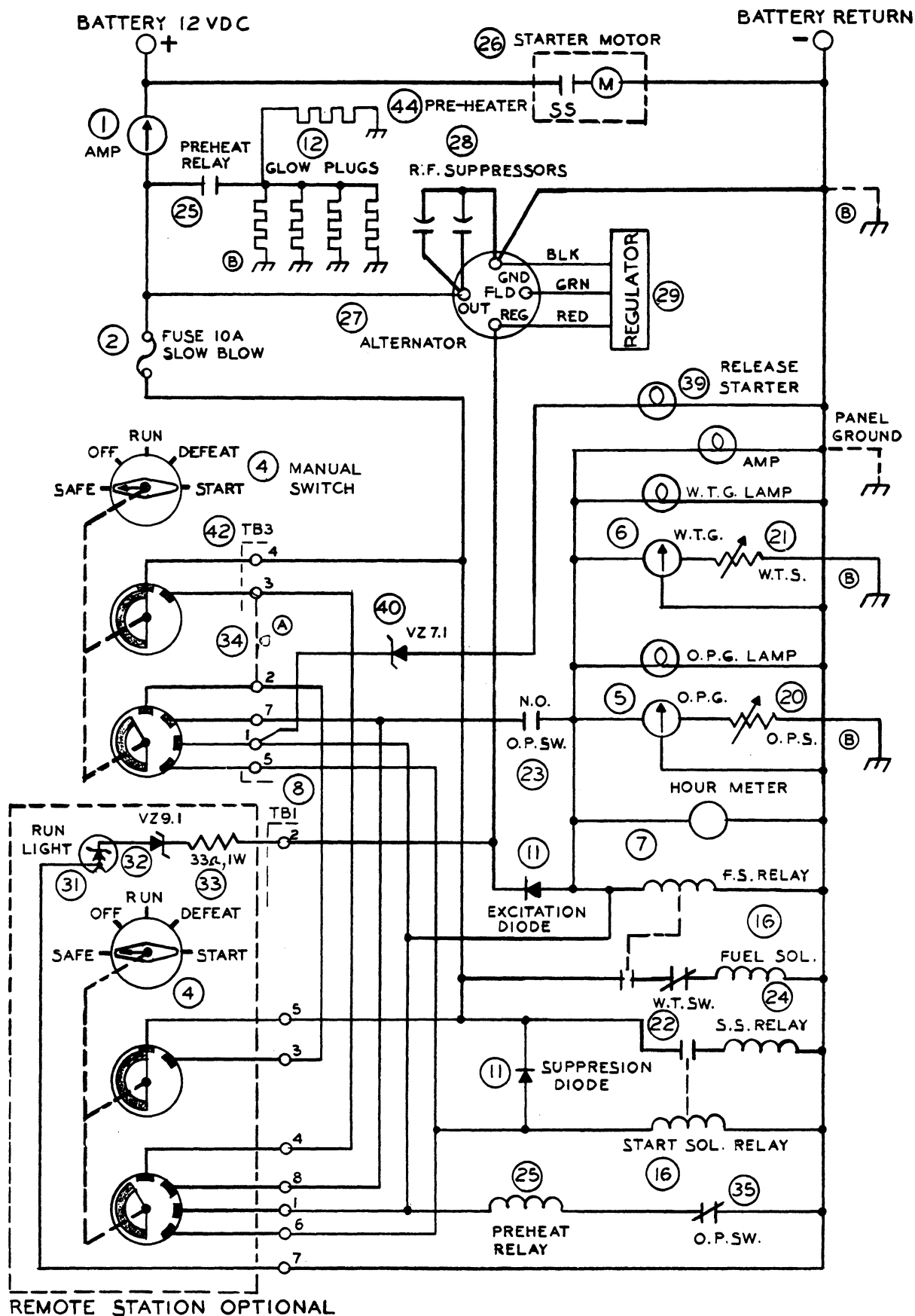


DWG PN. 19201
NOV. 1975

WESTERBEKE 60-ELECTRICAL SYSTEM-MARINE ENGINE

REF	PN	NAME	REMARKS	QUAN
1- 1	11581	AMMETER	60-0-60	1
1- 2	21890	AMMETER	100-0-100	1
1- 3	21891	SHUNT	USED WITH 21890 AMMETER	1
2	11917	METER	TACHOMETER-HOURMETER	1
3	11544	GAUGE	OIL PRESSURE	1
4	11545	GAUGE	WATER TEMPERATURE	1
6- 1	11957	SWITCH	PUSHBUTTON	2
6- 2	19031	CAP	SWITCH PROTECTIVE COVER	2
9- 1	19270	ALTERNATOR	55 AMP NEG GROUND	1
9- 2	11548	PULLEY	ALTERNATOR DRIVE	1
9- 3	21694	BRACKET	ALTERNATOR MOUNTING	1
9- 4	11125	STRAP	ALTERNATOR ADJUSTING	1
9- 5	22220	BRACKET	ADJUSTING STRAP MOUNTING	1
9- 6	11671	ALTERNATOR	85 AMP NEG GROUND	1
9- 7	11677	ALTERNATOR	120 AMP NEG GROUND	1
9- 8	22119	PULLEY	ALTERNATOR DRIVE 2 GROOVE	1
9- 9	11676	RESISTOR	85-120 AMP ALTERNATOR	1
9-10	22030	BELT	ALTERNATOR DRIVE	AR 1
10- 1	11550	REGULATOR	55 AMP ALTERNATOR	1
10- 2	11678	REGULATOR	85-120 AMP ALTERNATOR	1
11	11383	SWITCH	FUEL - NORMALLY OPEN	1
12	11542	SENDER	OIL PRESSURE	1
13	11543	SENDER	WATER TEMPERATURE	1
14	14529	GLOWPLUGS		4
17	11552	SWITCH	OIL PRESSURE-NC-OPTIONAL ALARM	1
18	13382	SWITCH	WATER TEMPERATURE-NO-OPTIONAL ALARM	1
19	13355	ALARM	OPTIONAL	1
20- 1	17939	MOTOR	STARTER	1
20- 2	17927	KIT	BRUSH	1
20- 3	17947	SPRING	BRUSH	4
20- 4	17959	SOLENOID	MOUNTED ON MOTOR	1
22	19215	HARNESS	PANEL-GAUGE CONNECTING	2
25- 1	19209	CABLE	INSTRUMENT PANEL FROM ENGINE	1
25- 2	19210	CABLE	INSTRUMENT PANEL 10FT EXTENSION OPTION	1
26	19208	HARNESS	ENGINE PREWIRING	1
27- 1	19206	CABLE	START PANEL FROM ENGINE	1
27- 2	19207	CABLE	START PANEL 10FT EXTENSION OPTION	1
28	12959	KIT	ALTERNATOR MOD FOR ELEC TACHOMETER	1
29- 1	19285	PANEL	INSTRUMENT COMPLETE STANDARD	1
29- 2	22283	PANEL	INSTRUMENT COMPLETE 100AMP	1
30	19283	PANEL	START-PREHEAT COMPLETE	1
31	11549	CABLE	ALTERNATOR TO REGULATOR	1
32	11532	KIT	SUPPRESSION-ALTERNATOR	1
33	11432	LAMPS	METERS AND GAUGES	4
41	19205	HARNESS	ENGINE-STARTING	1
42	19216	HOLDER	LAMP	1
43	11670	WIRE	REGULATOR EXCITATION	1
44	20654	SPLITTER	ALTERNATOR OUPUT-OPTION	1
45	20946	BREAKER	CIRCUIT - 10 AMP	1
46	20947	BREAKER	CIRCUIT - 40 AMP	1
70	22251	BRACKET	CIRCUIT BREAKER MOUNTING	1
71	11969	MANIFOLD	OIL PRESSURE FOR OPTIONAL SWITCHES	1
72	11981	HOSE	BLOCK TO OIL PRESSURE MANIFOLD	1

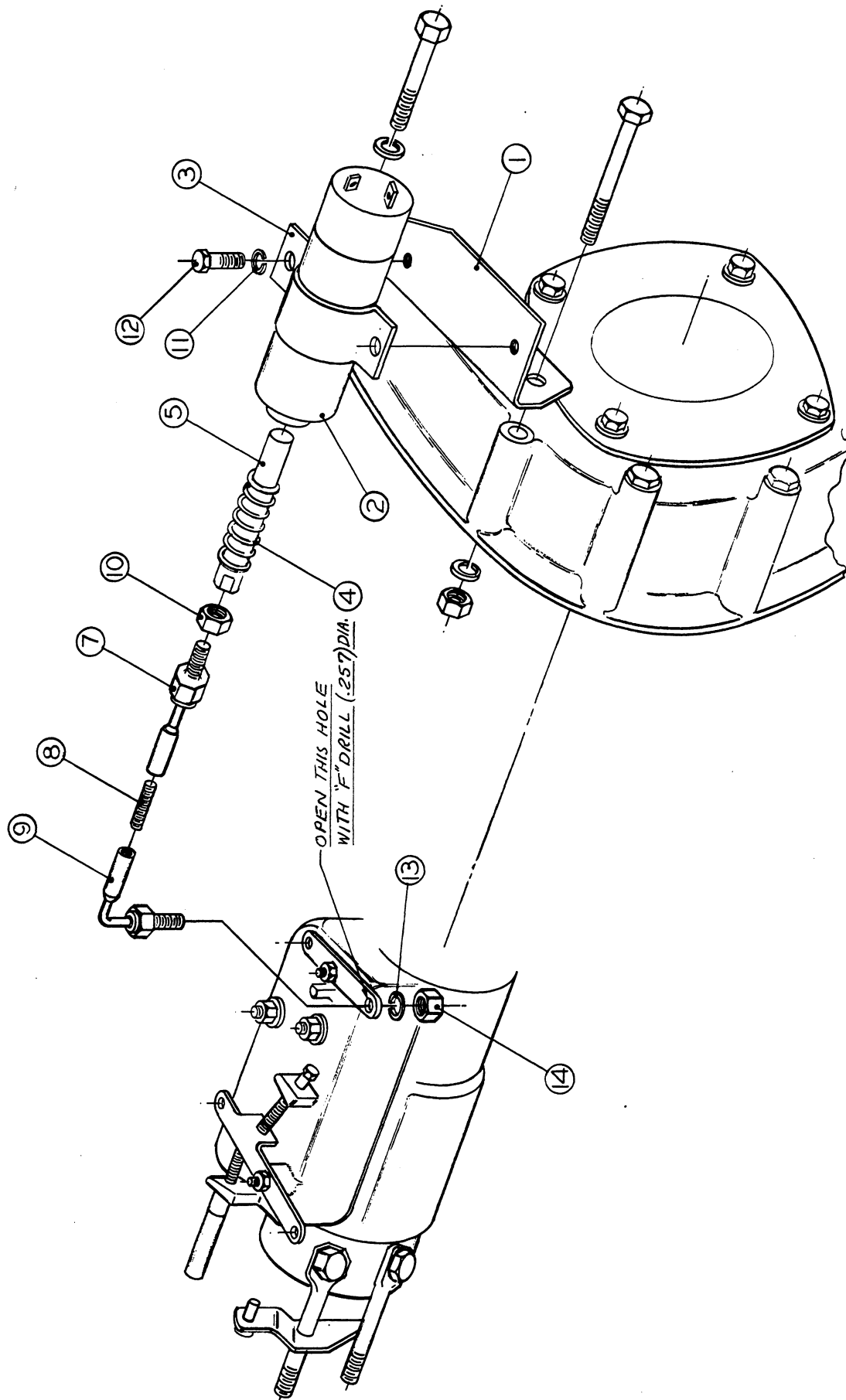
GENERATOR CONTROL-MANUAL STARTER DISCONNECT-ROTARY SWITCH



GENERATOR CONTROL-MANUAL STARTER DISCONNECT-ROTARY SWITCH

REF	PN	NAME	REMARKS	QUAN
1	11581	AMMETER		1
2	11464	FUSE	10A SLOW BLOW	1
3	11454	HOLDER	FUSE	1
4	13722	SWITCH	ROTARY	1
5	11544	GAUGE	OIL PRESSURE	1
6	11545	GAUGE	WATER TEMPERATURE	1
7	12892	HOURLMETER		1
8	15220	BLOCK	12 TERMINAL	1
9	15221	MARKER	12 TERMINAL	1
10	22020	HARNESS	PANEL	1
11	11460	DIODE		2
12	14592	GLOWPLUGS		4
13	12975	BLOCK	2 TERMINAL	1
14	13364	MARKER	2 TERMINAL	1
15	13728	PANEL	REMOTE - COMPLETE	1
16	22129	RELAY		2
17	11816	BLOCK	3 TERMINAL AC	1
18	13447	BLOCK	4 TERMINAL	1
19	15067	MARKER	4 TERMINAL	1
20	11542	SENDER	OIL PRESSURE	1
21	11543	SENDER	WATER TEMPERATURE	1
22	12884	SWITCH	WATER TEMPERATUE- NORMALLY CLOSED	1
23	11383	SWITCH	OIL PRESSURE - NORMALLY OPEN	1
24- 1	23041	SOLENOID	FUEL	1
24- 2			SEE NEXT PAGE FOR MOUNTING	
25	11489	RELAY	SOLENOID	1
26	17939	MOTOR	STARTER	1
27	19270	ALTERNATOR	55 AMP	1
28	11532	KIT	SUPPRESSION	1
29	11550	REGULATOR		1
30	11675	CABLE	ALTERNATOR	1
31	13725	LED	RUN LIGHT	1
32	13724	DIODE	ZENER	1
33	13723	RESISTOR	COMPOSTION-1W	1
34	15223	JUMPER	TERMINAL BLOCK	1
35	11552	SWITCH	OIL PRESSURE- NORMALLY CLOSED	1
36- 1	21900	PANEL	ASSEMBLY - COMPLETE	1
36- 2	21682	PANEL	INSTRUMENT FACE PLATE	1
36- 3	21902	SCREW	FACE PLATE MOUNTING BLACK HEAD	6
36- 4	21692	PLATE	FACE WHEN INSTRUMENTS REMOTE MOUNTED	AR
38	22300	HARNESS	ENGINE	1
39	15678	LAMP	RELEASE STARTER	1
40	22024	DIODE		1
41	22021	HARNESS	GENERATOR PANEL	1
42	22025	BLOCK	10 TERMINAL	1
43	22026	MARKER	10 TERMINAL	1

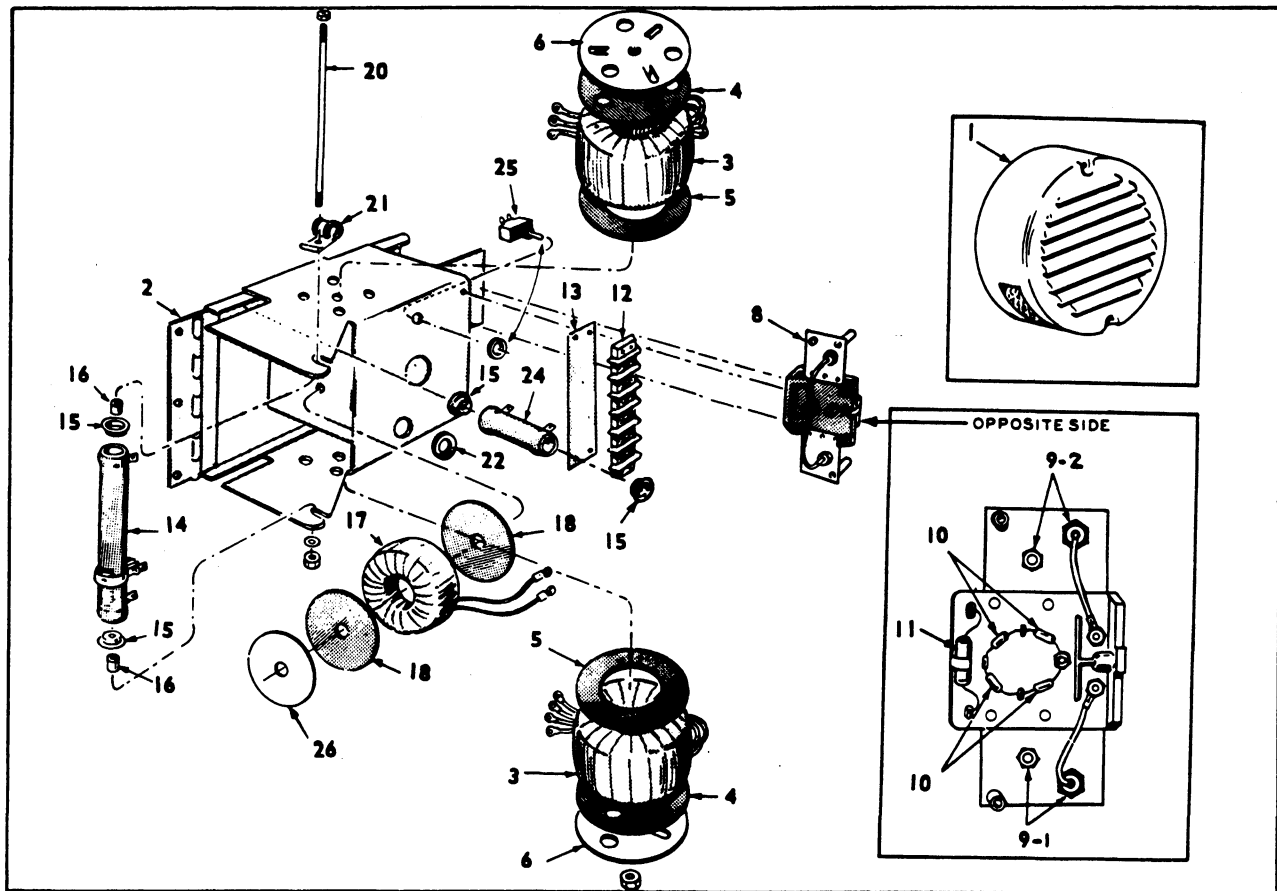
GENERATOR FUEL SHUT-OFF



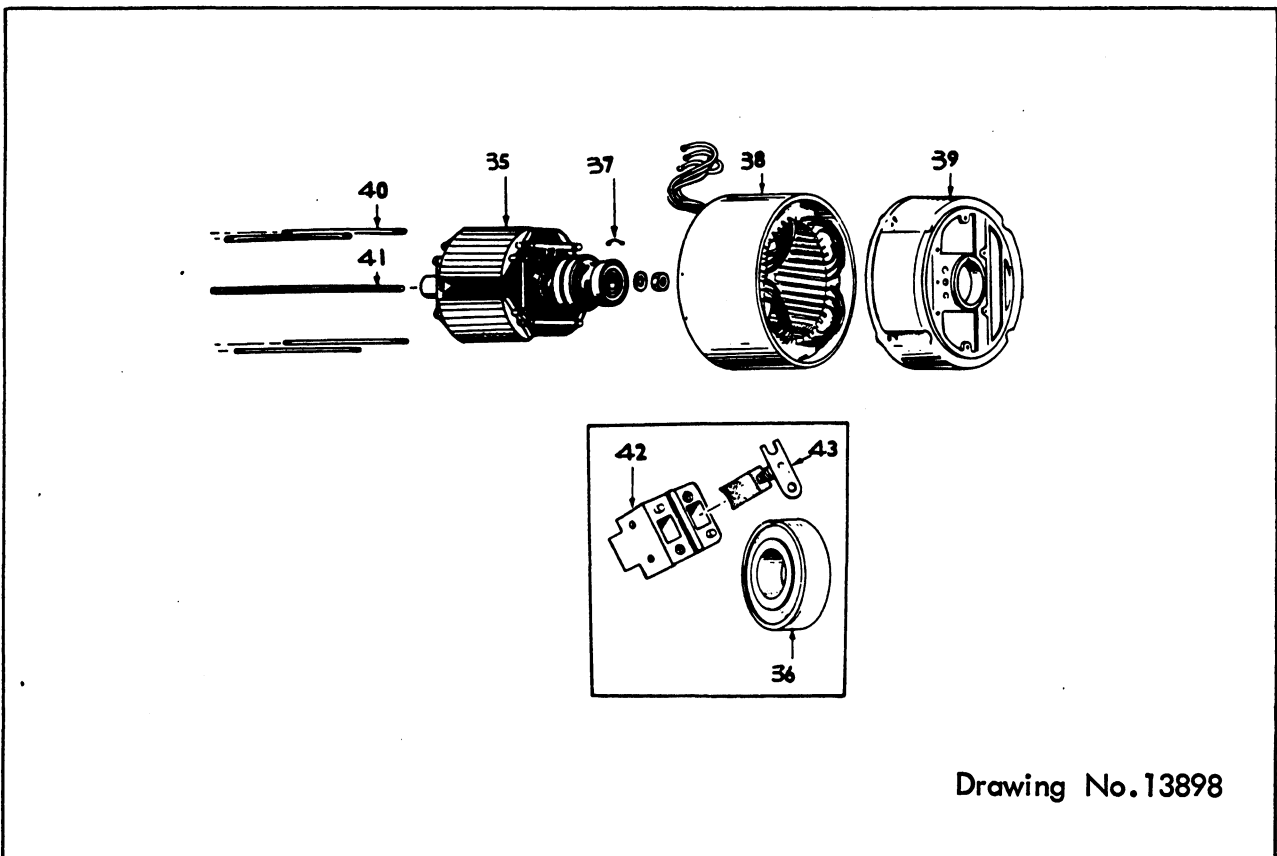
GENERATOR FUEL SHUT-OFF

REF	PN	NAME	REMARKS	QUAN
1	21552	BRACKET		1
2	23041	SOLENOID	FUEL	1
3	19019	CLAMP		1
4	23373	SPRING		1
5	23376	PLUNGER		1
7	15225	BALL JOINT		1
8	23476	ROD		1
9	15232	BALL JOINT		1
10	15534	NUT		1

WPDS 20-GENERATOR-EXCITER-JC SERIES



28



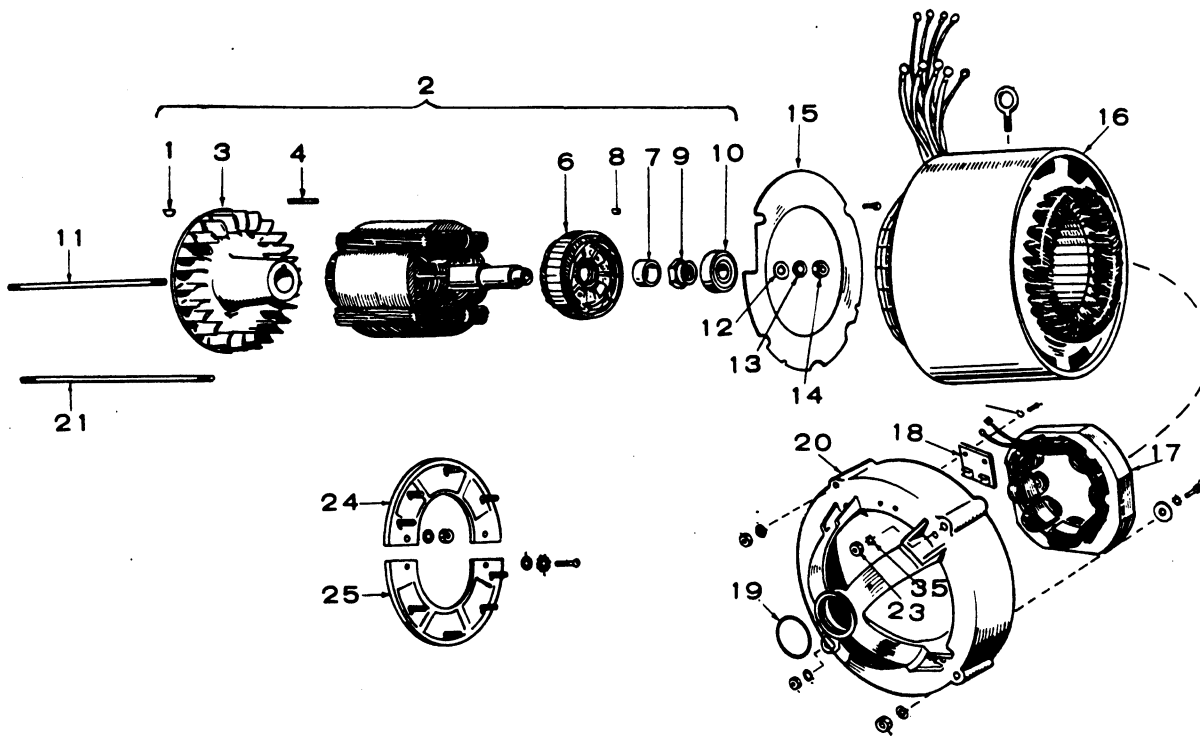
34

Drawing No.13898

WPDS 20-GENERATOR-EXCITER-JC SERIES

REF	PN	NAME	REMARKS	QUAN
1	14260	COVER		1
2	14261	PANEL		1
3	14272	REACTOR	GATE	2
4	14259	GASKET	OUTER	2
5	14257	GASKET	INNER	2
6	14258	RETAINER		2
8	14269	RECTIFIER	ASSEMBLY	1
9- 1	14266	RECTIFIER	NEGATIVE STUD- RED LEAD	2
9- 2	14267	RECTIFIER	POSITIVE STUD- BLACK LEAD	2
10	14268	RECTIFIER	VOLTAGE CONTROL	4
11	14264	RESISTOR	150 OHM - 5 WATT	1
12	14274	BLOCK		1
13	14275	MARKER		1
14	14265	RESISTOR	500 OHM - 50 WATT	1
15	14262	WASHER		4
16	14255	SPACER		2
17	14271	REACTOR	VOLTAGE CONTROL	1
18	14256	GASKET		2
20	14280	STUD		1
21	14273	CLIP		1
22	14276	GROMMET		1
24	14263	RESISTOR	250 OHM - 25 WATT	1
25	14270	SWITCH		1
26	14281	WASHER		1
27	14282	NUT		1
28	14248	EXCITER	COMPLETE	1
34	11522	GENERATOR	COMPLETE-INCLUDING EXCITER	1
35	14284	ROTOR	ASSEMBLY	1
36	14277	BEARING		1
37	14254	CLIP		1
38	14287	STATOR		1
39	14249	HOUSING		1
40	14291	STUD		1
41	14289	STUD		1
42	14250	HOLDER		2
43	14251	BRUSH		4

WPDS 20-GENERATOR-EXCITER-YD SERIES

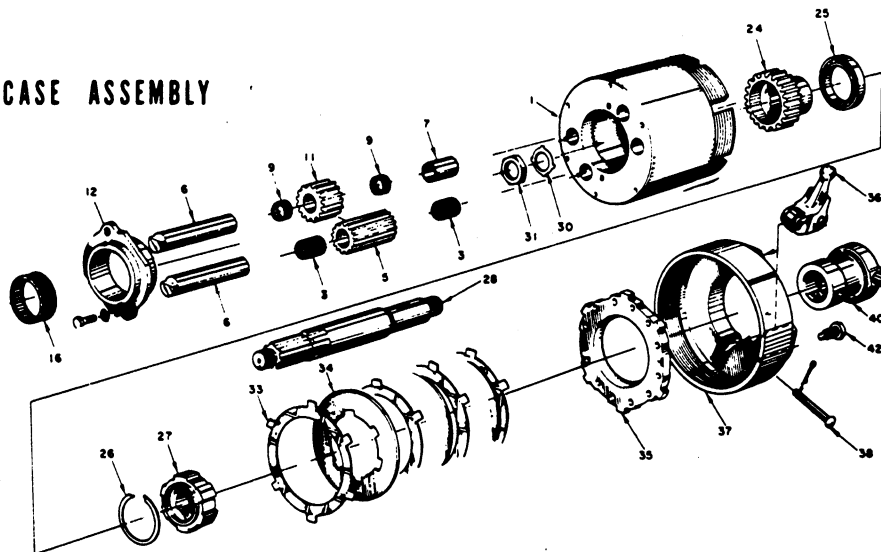


WPDS 20-GENERATOR-EXCITER-YD SERIES

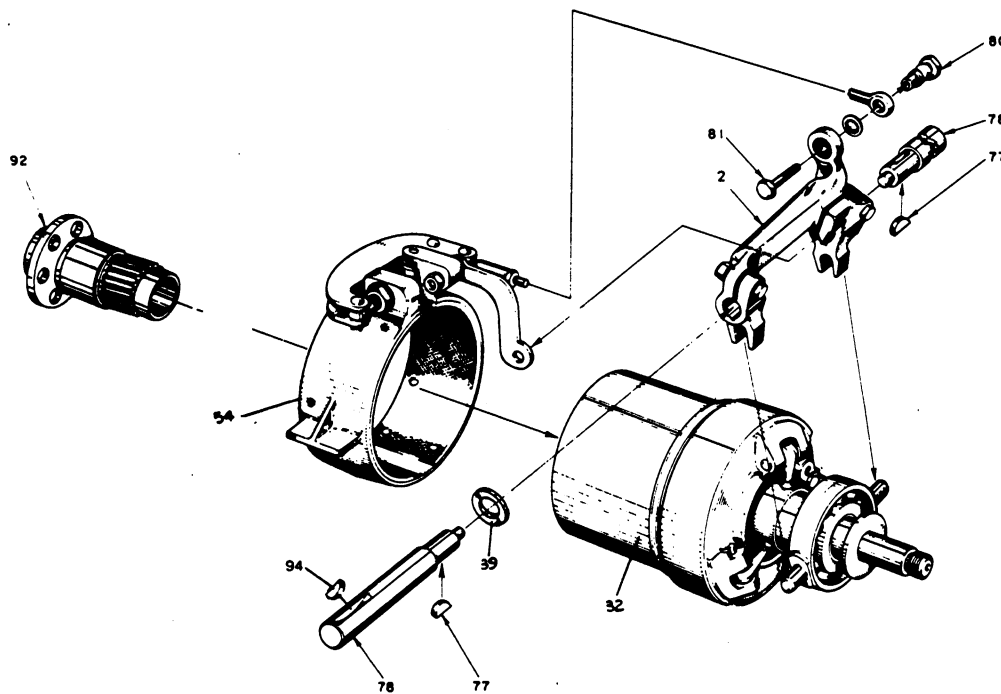
REF	PN	NAME	REMARKS	QUAN
1	21804	KEY	ENGINE DRIVE ADAPTER	1
2	21784	ROTOR	ASSEMBLY	1
3	21793	FAN		1
4	21794	KEY	FAN	1
6	21791	EXCITER	FOTOR INCLUDING DIODES AND HEAT SINKS	1
7	22382	SPACER	BEARING	1
8	21792	KEY	EXCITER ROTOR	1
9	22383	NUT	LOCKING WITH NYLON INSERT	1
10	21789	BEARING	ROTOR	1
11	22938	STUD	ROTOR THROUGH	1
12	22394	WASHER	CONE SHAPPED	1
15	22385	BAFFLE	AIR	1
16	22381	STATOR	ASSEMBLY	1
17	21798	EXCITER	STATOR	1
18	21806	BOARD	CONNECTION	1
19	21800	O-RING	BEARING SEAL	1
20	22386	BELL	END	1
21	22391	STUD	ALTERNATOR THROUGH	4
24	21795	DIODE	ASSEMBLY POSITIVE WITH HEAT SINK	1
25	21796	DIODE	ASSEMBLY NEGATIVE WITH HEAT SINK	1
30	20916	GENERATOR	COMPLETE YD SERIES	1
40	21808	BREAKER	CIRCUIT 3 AMP	1
41	21799	BOARD	VOLTAGE REGULATOR ASSEMBLY	1
42	22399	BLOCK	TERMINAL	1
43	21809	TRANSFORMR	VOLTAGE	1
44	21810	REACTOR		1

TYPE SA1 LIGHTWEIGHT MANUAL TRANSMISSION

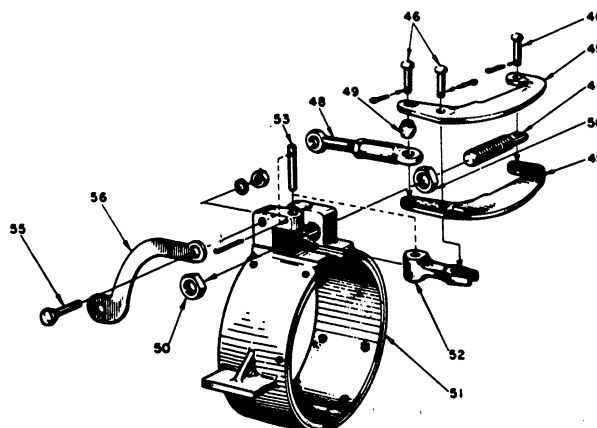
GEAR CASE ASSEMBLY



ASSEMBLY OF REVERSE BAND AND YOKE TO GEAR CASE ASSEMBLY

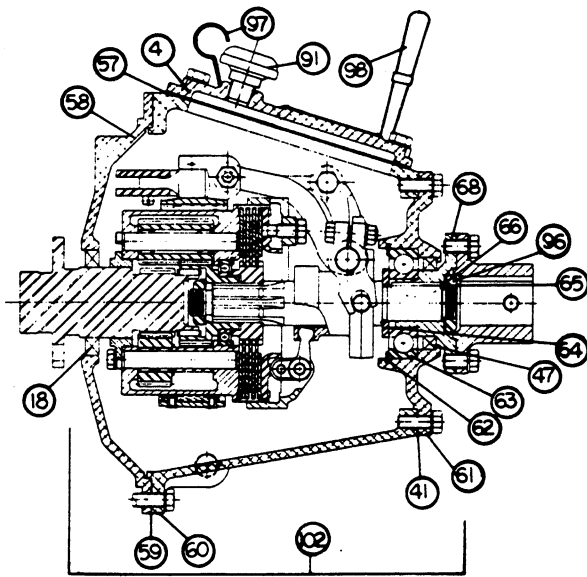


TOGGLE OPERATED REVERSE BAND ASSEMBLY - STANDARD



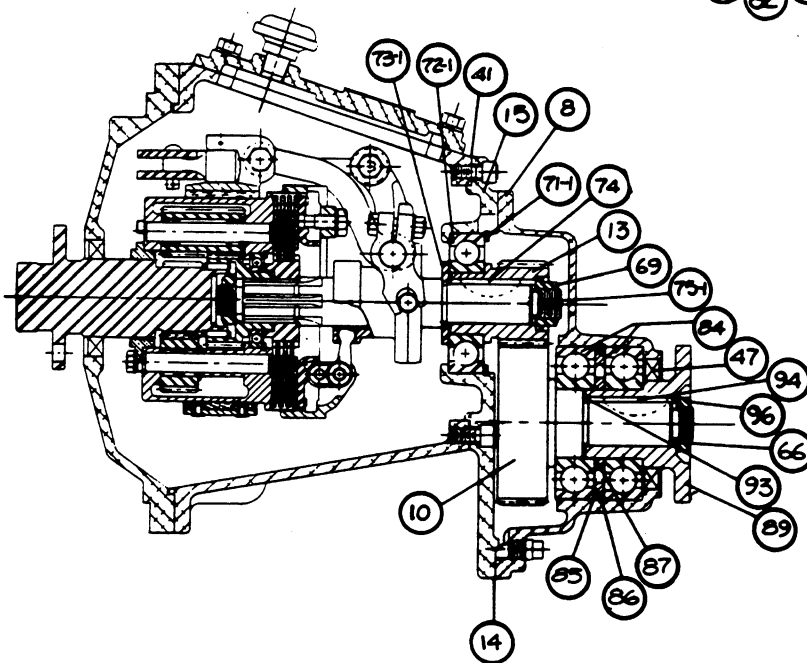
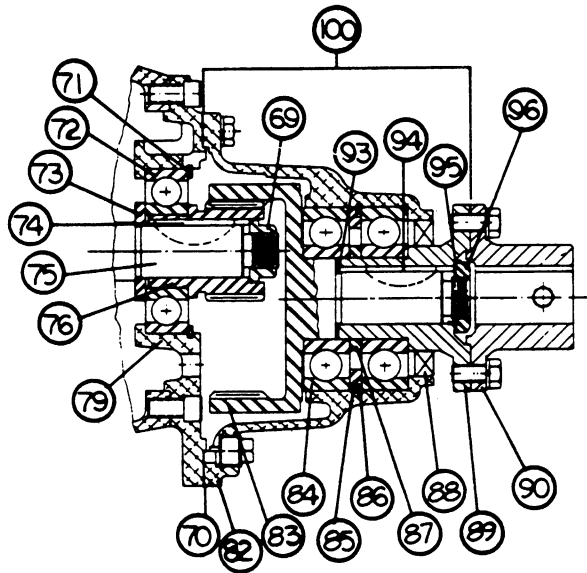
Drawing No. 13896

TYPE SA1 LIGHTWEIGHT MANUAL TRANSMISSION



DIRECT DRIVE 102

REDUCTION UNIT 100



DROP BOX 102

Drawing No.13897

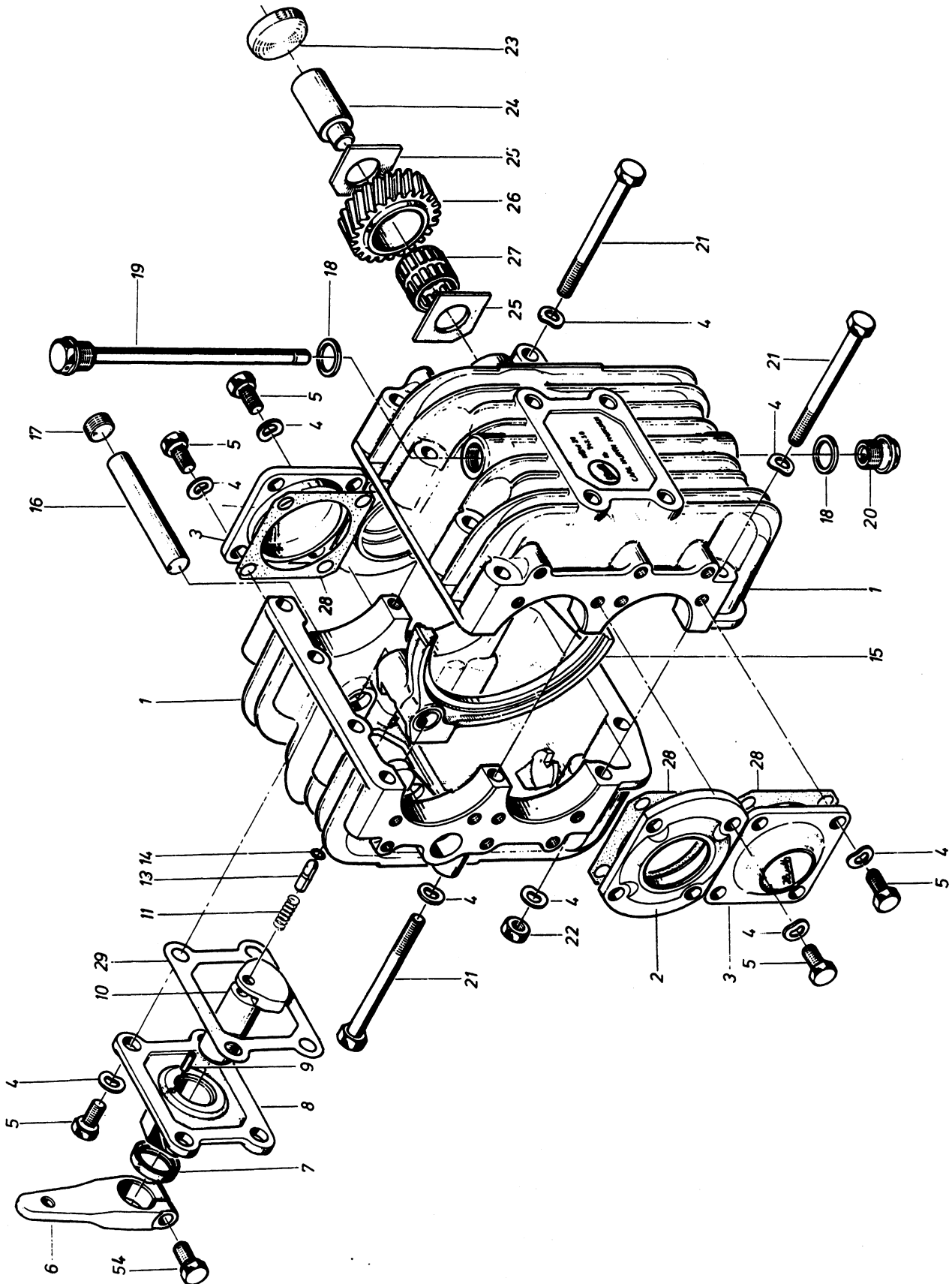
TYPE SA1 LIGHTWEIGHT MANUAL TRANSMISSION

REF	PN	NAME	REMARKS	QUAN
1	14306	CASE	REMARKS	1
2	14351	YOKE		1
3	14346	BEARING		2
4	14362	COVER		1
5	14313	PINION		1
6	14317	SHAFT		2
7	14369	SPACER		1
8	14829	HOUSING	2-1 DROP BOX	1
9	14346	BEARING		2
10	14826	GEAR	2-1 DROP BOX	1
11	14312	PINION		1
12	14381	BUSHING		1
13	14827	GEAR	2-1 DROP BOX	1
14	14828	GASKET	2-1 DROP BOX	1
15	14830	PLATE	2-1 DROP BOX	1
16	14385	BEARING		1
18	14395	SEAL		1
24	14308	GEAR		1
25	14384	BEARING		1
26	14373	RING		1
27	14338	CARRIER		1
28	14339	TAILSHAFT		1
30	14293	LOCKWASHER		1
31	14377	LOCKNUT		1
32	14305	CASE	ASSEMBLY	1
33	14336	PLATE		1
34	14318	PLATE		3
35	14319	PLATE		1
36	14325	FINGER	ASSEMBLY	1
37	14329	COLLAR		1
38	14343	PIN		3
39	14389	SEAL	TWO PER CROSS SHAFT	2
40	14342	SLEEVE	ASSEMBLY	1
41	14383	GASKET		1
42	14345	LOCKSCREW		1
44	14387	BOLT		1
45	14397	LEVER	LONG	1
46	14391	PIN		3
47	14388	SEAL		1
48	14398	LINK END	ASSEMBLY	1
49	14368	BALL JOINT		1
50	14359	LOCKNUT		2
52	14335	LEVER	SHORT	1
53	14331	PIN		1
54	14302	BRAKE	BAND & CAM ASSEMBLY	1
55	14330	SCREW		1
56	14364	BRAÇE		1
57	14363	GASKET		1
58	14376	PLATE		1
59	14382	GASKET		1
60	14349	HOUSING		1
61	14372	PLATE		1
62	14400	RING		1

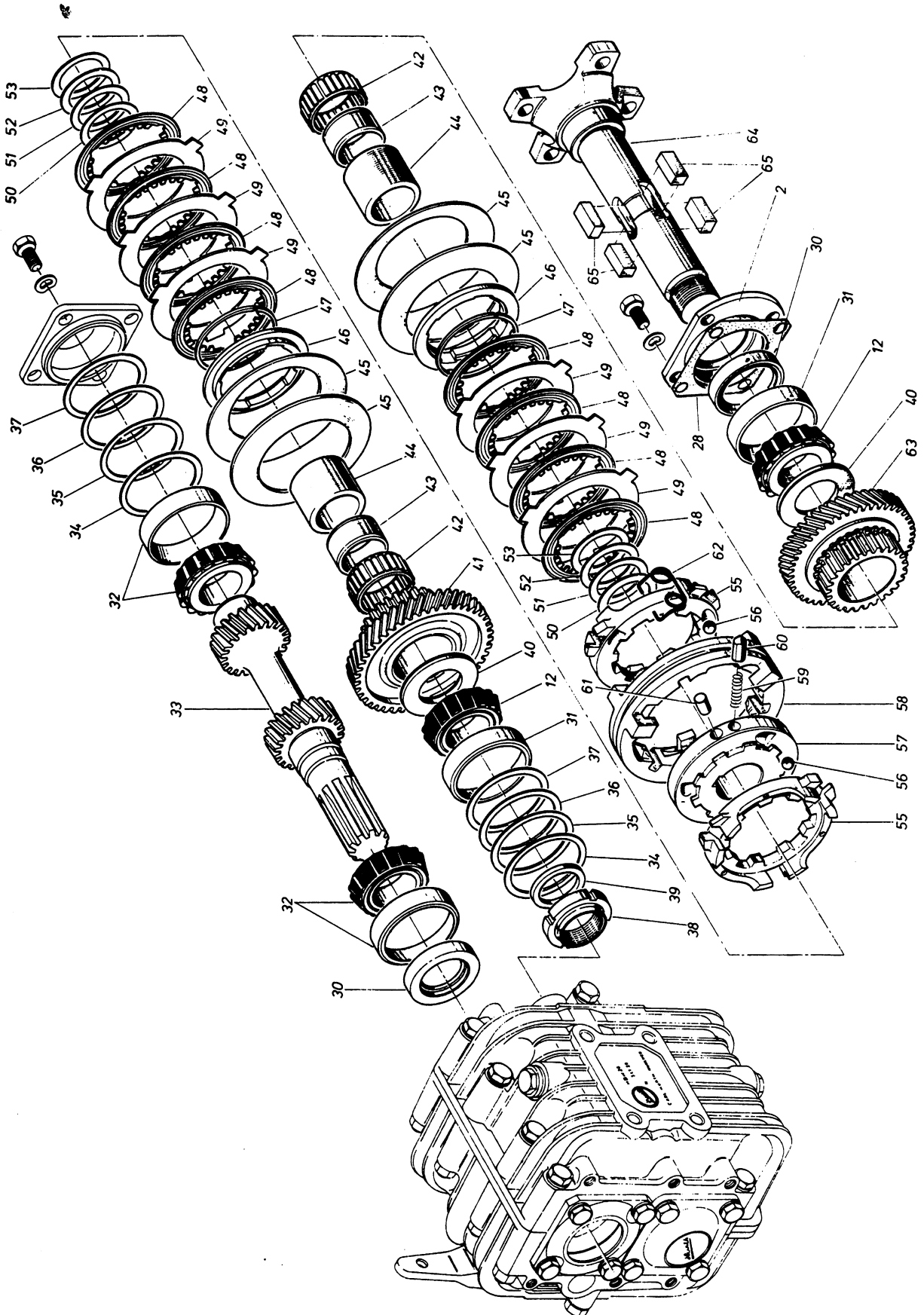
TYPE SA1 LIGHTWEIGHT MANUAL TRANSMISSION

REF	PN	NAME	REMARKS	QUAN
63	14366	BEARING		1
64	14360	WASHER		1
65	14353	KEY		1
66	14379	LOCKWASHER		1
68	14356	COUPLING		1
69	14323	NUT		1
70	14321	GASKET		1
71- 1	14374	RING	1.5-1 & 2-1	1
71- 2	14298	RING	2.5-1	1
72- 1	14367	BEARING	1.5-1 & 2-1	1
72- 2	14297	BEARING	2.5-1	1
73	14361	THRUST	1.5-1 & 2-1	1
74	14328	KEY		1
75- 1	14340	TAILSHAFT	1.5-1 & 2-1	1
75- 2	14341	TAILSHAFT	2.5-1	1
76- 1	14296	GEAR	1.5-1	1
76- 2	14314	GEAR	2-1	1
77	14316	KEY		1
78	14344	TRUNNION		1
79- 1	14295	PLATE	ADAPTER - 19K-1	1
79- 2	14307	PLATE	ADAPTER - 2-1	1
79- 3	14294	PLATE	ADAPTER -2.5-1	1
80	14324	BALL JOINT		1
81	14315	SCREW		1
82	14309	HOUSING		1
83	14299	GEAR	INTERNAL	1
84	14396	BEARING	PAIR OF BEARINGS	1
85	14337	SPACER		1
86	14375	SNAPRING		1
87	14333	SPACER		1
88	14390	SEAL	OIL	1
89	14357	COUPLING	GEAR HALF	1
90- 1	12299	COUPLING	BORED 3/4	1
90- 2	11725	COUPLING	BORED 7/8	1
90- 3	11726	COUPLING	BORED 1	1
90- 4	11727	COUPLING	BORED 1-1/8	1
90- 5	11728	COUPLING	BORED 1-1/4	1
90- 6	11729	COUPLING	BORED 1-3/8	1
91	14394	BREATHER		1
92	14311	GEAR		1
93	14334	WASHER		1
94	14352	KEY		1
95	14379	LOCKWASHER		1
96	14378	NUT		1
97	14392	DIPSTICK		1
98	11807	LEVER	14 INCH	1
100- 1	14300	REDUCTION	COMPLETE-EXCL ADAPTER ASSEMBLY	1
102- 1	11622	TRANSMISSI	COMPLETE 1 TO 1	1
102- 2	11624	TRANSMISSI	COMPLETE 1.5 TO 1	1
102- 3	11625	TRANSMISSI	COMPLETE 2 TO 1	1
102- 4	11626	TRANSMISSI	COMPLETE 2.5 TO 1	1
102- 5	11638	TRANSMISSI	COMPLETE 2 TO 1 WITH DROPBOX	1
102- 6	13975	TRANSMISSI	COMPLETE TO ACCEPT V-DRIVE	1

SHORT PROFILE SAILING GEAR HBW20



SHORT PROFILE SAILING GEAR HBW20



SHORT PROFILE SAILING GEAR HBW20

REF	PN	NAME	REMARKS	QUAN
1	23487	HOUSING	ASSEMBLY	1
2	23488	COVER		1
3	23489	COVER		2
4	22209	RING	ELASTIC	40
5	22208	SCREW	HEX	10
6	22191	LEVER	SHIFTING	1
7	22195	SEAL	RING	1
8	22189	COVER	CONTROL	1
9	22196	SLEEVE	TIGHTENING	1
10	22190	CAM	CONTROL	1
11	22170	SPRING	PRESSURE	1
12	23490	BEARING	TAPER, ROLLER INTL	2
13	22192	PIN	STOPPING	1
14	22194	RING	SEMI-CIRCULAR	1
15	23491	FORK	SHIFTING ASSEMBLY	1
16	23492	ROD	SHIFTING	1
17	22147	SCREW	LOCKING	1
18	22210	RING	SEAL	2
19	23493	DIPSTICK	AND VENT ASSEMBLY	1
20	22205	SCREW	LOCKING	1
21	23494	SCREW	HEX	10
22	22206	NUT	HEX	10
23	23495	LIP	SEALING	1
24	23496	SHAFT	GEAR, INTERMEDIATE	1
25	23497	DISC	STARTING	2
26	23498	GEAR	INTERMEDIATE	1
27	23499	CAGE		1
28	23500	SEAL		4
29	22207	SEAL		1
30	22180	RING	SEAL	2
31	23501	BEARING	TAPER, ROLLER ASRG	2
32	23502	BEARING	TAPER, ROLLER	2
33	23503	SHAFT	INPUT	1
34	23504	WASHER	0.1 MM	2
35	23505	WASHER	0.15 MM	2
36	23506	WASHER	0.2 MM	2
37	23507	WASHER	0.5 MM	2
38	23508	NUT	GROOVED	1
39	22185	SLEEVE	DISTANCE	1
40	23509	WASHER	STARTING	2
41	23510	GEAR	TEETH-48	1
42	22165	CAGE	NEEDLE	2
43	22156	RING	NEEDLE CAGE, INNER	2
44	23511	RING	SPACER	2
45	23512	SPRING	CUP	4
46	23513	SPRING	PRESSURE	2
47	23514	RING	SAFETY	2
48	23515	SHEET	STRIP, LAMINARY INNER	10
49	23516	SHEET	STRIP, LAMINARY OUTER	8
50	22158	SPACER	0.4 MM	2

SHORT PROFILE SAILING GEAR HBW20

REF	PN	NAME	REMARKS	QUAN
51	22159	SPACER	0.5 MM	2
52	22160	SPACER	0.6 MM	2
53	22161	SPACER	0.7 MM	2
54	22193	SCREW	HEX	1
55	23517	CARRIER	STRIP SHEET	2
56	23518	BALL		6
57	23519	SOCKET	CONTROL, GUIDE	1
58	23520	SOCKET	CONTROL	1
59	22170	SPRING	PRESSURE	3
60	22171	PIN	STOPPING	3
61	22173	PIN		3
62	22175	SPRING	TORSION	3
63	23521	GEAR	TEETH-44	1
64	23522	SHAFT	OUTPUT	1
65	23523	SPRING	ADJUSTING	4
80	21680	GEAR	COMPLETE TRANSMISSION 2 TO 1	1
90- 1	20981	COUPLING	BORED 3/4	1
90- 2	20982	COUPLING	BORED 7/8	1
90- 3	11740	COUPLING	BORED 1	1
90- 4	11741	COUPLING	BORED 1-1/8	1
90- 5	11742	COUPLING	BORED 1-1/4	1
90- 6	11743	COUPLING	BORED 1-3/8	1
90- 7	18990	COUPLING	BORED 1-1/2	1

WESTERBEKE 60-MISCELLANEOUS

REF	PN	NAME	REMARKS	QUAN
1	17924	GASKET	SET - LOWER	1
2	17925	GASKET	SET - UPPER	1
3	11592	PUMP	HAND - TO PUMP LUBE OIL FROM SUMP	1
5	13826	TUBING	PUMP TO DIPSTICK TUBE	3
6	22266	SEPARATOR	WATER-FUEL	1
7	15174	KIT A	SPARE PARTS	1
8	19085	KIT B	SPARE PARTS-EXTENDED CRUISING	1
9- 1	22240	PULLEY	ACCESSORY CRANKSHAFT 2 GROOVE 4.5 IN	1
9- 2	23318	PULLEY	ACCESSORY CRANKSHAFT 2 GROOVE 6 IN	1
9- 3	22932	PULLEY	ACCESSORY CRANKSHAFT 2 GROOVE 7 IN	1
10- 1	23309	SWITCH	NEUTRAL SAFETY PARAGON HYDRAULIC	1
10- 2	23433	SWITCH	NEUTRAL SAFETY WARNER HYDRAULIC	1

