



# PARTS CATALOG

## MERCUISER SEC H FRESH WATER COOLING

SERIAL NUMBER

EXHAUST/ COOLING ..... Mercruiser (1985 and Below)

# TABLE OF CONTENTS:

CONVERSION KIT (FRESH WATER COOLING) .....	16
CONVERSION KIT (FRESH WATER COOLING) - MARINE 310 .....	14
COOLER MOUNTING KIT (MARINE 120, 140, 160 AND 165) .....	42
FRESH WATER COOLING (MARINE 255 AND 280) .....	66
FRESH WATER COOLING EAT (MARINE 270 AND 325)(TO HEAT EXCH) .....	28
FRESH WATER COOLING ET (MARINE 255) .....	52
FRESH WATER COOLING KIT (MARINE 120, 140, 160 AND 165) .....	44
FRESH WATER COOLING KIT (MARINE 215)(TO HEAT EXCHANGE) .....	38
FRESH WATER COOLING KIT (MARINE 215)(TO WATER PUMP) .....	34
FRESH WATER COOLING KIT (MARINE 233) .....	68
FRESH WATER COOLING KIT (MARINE 250 AND 325) .....	24
FRESH WATER COOLING KIT (MARINE 255 AND 280) A .....	76
FRESH WATER COOLING KIT (MARINE 255 AND 280) B .....	78
FRESH WATER COOLING KIT (MARINE 270 AND 325)(TO WATER PUMP) .....	30
FRESH WATER COOLING KIT (MARINE 325) A .....	62
FRESH WATER COOLING KIT (MARINE 325) B .....	64
FRESH WATER COOLING KIT (MARINE 350) .....	80
FRESH WATER COOLING KIT (MARINE 60) .....	2
FRESH WATER COOLING KIT (MARINE 60)BREAKDOWN OF WATER PUMP .....	6
FRESH WATER COOLING KIT (MARINE 888, 215 AND 225) .....	50
FRESH WATER COOLING KIT (MARINE 888, AND MIE 215) .....	48
FRESH WATER COOLING KIT (MIE 198, 228 AND 255) .....	74
FRESH WATER COOLING KIT (MIE 330) .....	90
HEAT EXCHANGER KIT & FRESH WATER COOLING KIT .....	10
HEAT EXCHANGER KIT (MARINE 110, 120, 140,150,160 AND 165) .....	18
HEAVY DUTY COOLING KIT .....	56
HI-CAPACITY COOLING KIT .....	40
INSTALLATICE KIT (MARINE 888 AND 233) .....	70
INSTALLATION KIT (MARINE 198, 228 AND 255) .....	94
INSTALLATION KIT (MARINE 225 AND 255) .....	54
INSTALLATION KIT (MARINE 255 AND 280) .....	92
INSTALLATION KIT (MARINE 888 AND 233) .....	86
INSTALLATION KIT (MARINE 888) .....	58
INSTALLATION KIT (MCM 898, 228 AND 250) .....	82
PARTS INDEX .....	96

**NOTE:** Indented description indicate that these parts are included in preceeding assembly.

**AR** = As Required

**NSS** = Not Sold Separate

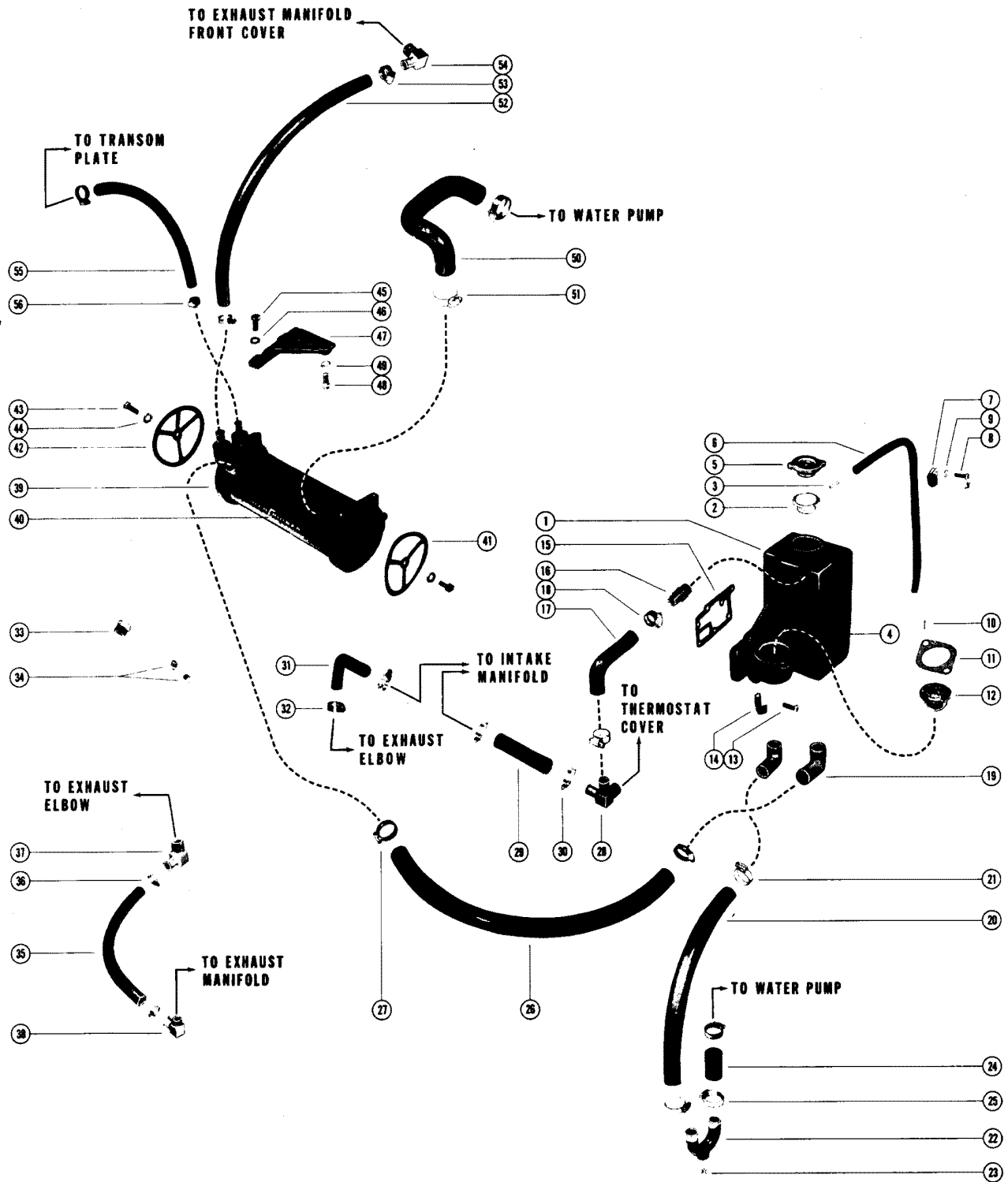
**OPT** = Optional

**NS** = Not Shown

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# FRESH WATER COOLING KIT (MARINE 60)

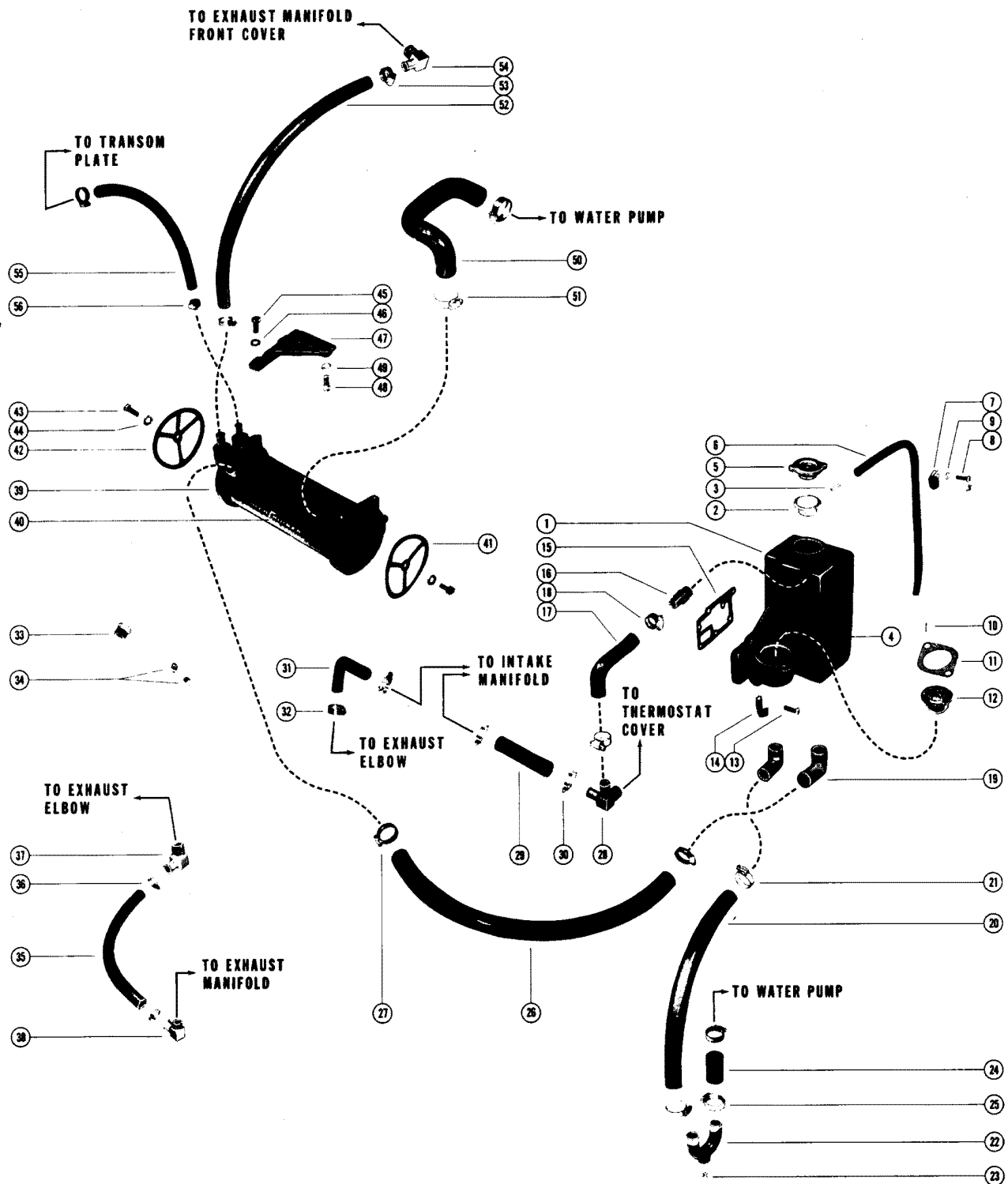


## FRESH WATER COOLING KIT (MARINE 60)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	<b>39749A2</b>		1	<b>FRESH WATER COOLING KIT(SEE NOTE)</b>
1	39736A2		1	RESERVOIR ASSEMBLY, FRESH WATER
2	22-39737		1	FITTING, FILLER CAP (RESERVOIR)
3	39738		1	TUBE, OVERFLOW- RESERVOIR
4	22-37372		2	PLUG, PIPE - FLUSHING (RESERVOIR)
5	39739		1	CAP, WATER FILLER - RESERVOIR
6	32-37671		1	HOSE, OVERFLOW- RESERVOIR (18 1/2")
7	54-28938		1	CLIP, OVERFLOW HOSE TO CYLINDER BLOCK
8	10-39764		1	SCREW, OVERFLOW HOSE CLIP TO CYLINDER BLOCK (22MM)
9	13-26992		1	LOCKWASHER, OVERFLOW HOSE CLIP SCREW
10	10-21077		2	SCREW, THERMOSTAT COVER TO RESERVOIR (7/8")
11	27-38556		1	GASKET, THERMOSTAT COVER TO RESERVOIR
12	35884		1	THERMOSTAT
13	10-39740		7	SCREW, RESERVOIR TO CYLINDER HEAD (25MM)
14	54-33361		1	CLIP, WIRING HARNESS LEAD - RESERVOIR SCREW
15	27-39743		1	GASKET, RESERVOIR TO CYLINDER HEAD
16	22-33066		1	FITTING, RESERVOIR (1/2-14)
17	32-39742		1	HOSE, RESERVOIR TO THERMOSTAT COVER TEE (MOLDED)
18	54-38819		2	CLAMP, HOSE TO RESERVOIR AND THERMOSTAT COVER TEE
19	22-36305		2	ELBOW, RESERVOIR (3/4-14)
20	32-39758		1	HOSE, WATER PUMP TO ENGINE (17")
21	54-32880		2	CLAMP, HOSE TO WATER PUMP AND ENGINE
22	22-39759A1		1	FITTING ASSEMBLY, WATER PUMP BASE
23	22-32802		1	PLUG, FITTING ASSEMBLY (1/8-27)
24	32-39761		1	HOSE, WATER PUMP TO FITTING ASSEMBLY (2")
25	54-32880		2	CLAMP, HOSE TO WATER PUMP AND FITTING ASSEMBLY
26	32-38739		1	HOSE, HEAT EXCHANGER TO RESERVOIR (26 1/2")
27	54-32880		2	CLAMP, HOSE TO HEAT EXCHANGER AND RESERVOIR
28	22-39741		1	FITTING, TEE - THERMOSTAT COVER (1/2-14)
29	32-39757		1	HOSE, FRONT BY-PASS (4 3/8")
30	54-38819		2	CLAMP, BY-PASS HOSE TO INTAKE MANIFOLD AND COVER TEE FITTING
31	32-39744		1	HOSE, REAR BY-PASS (MOLDED)
32	54-38819		2	CLAMP, REAR BY-PASS HOSE TO INTAKE MANIFOLD AND EXHAUST ELBOW
33	22-32804		1	PLUG, PIPE - EXHAUST ELBOW (1/2- 14)
34	22-32802		2	PLUG, PIPE - CYLINDER BLOCK TEE AND EXHAUST MANIFOLD (1/8-27)
35	32-32843		1	HOSE, EXHAUST MANIFOLD TO EXHAUST ELBOW (18 3/8")
36	54-38819		2	CLAMP, HOSE TO EXHAUST MANIFOLD AND EXHAUST ELBOW
37	22-32715		1	ELBOW, EXHAUST ELBOW (1/2-14)

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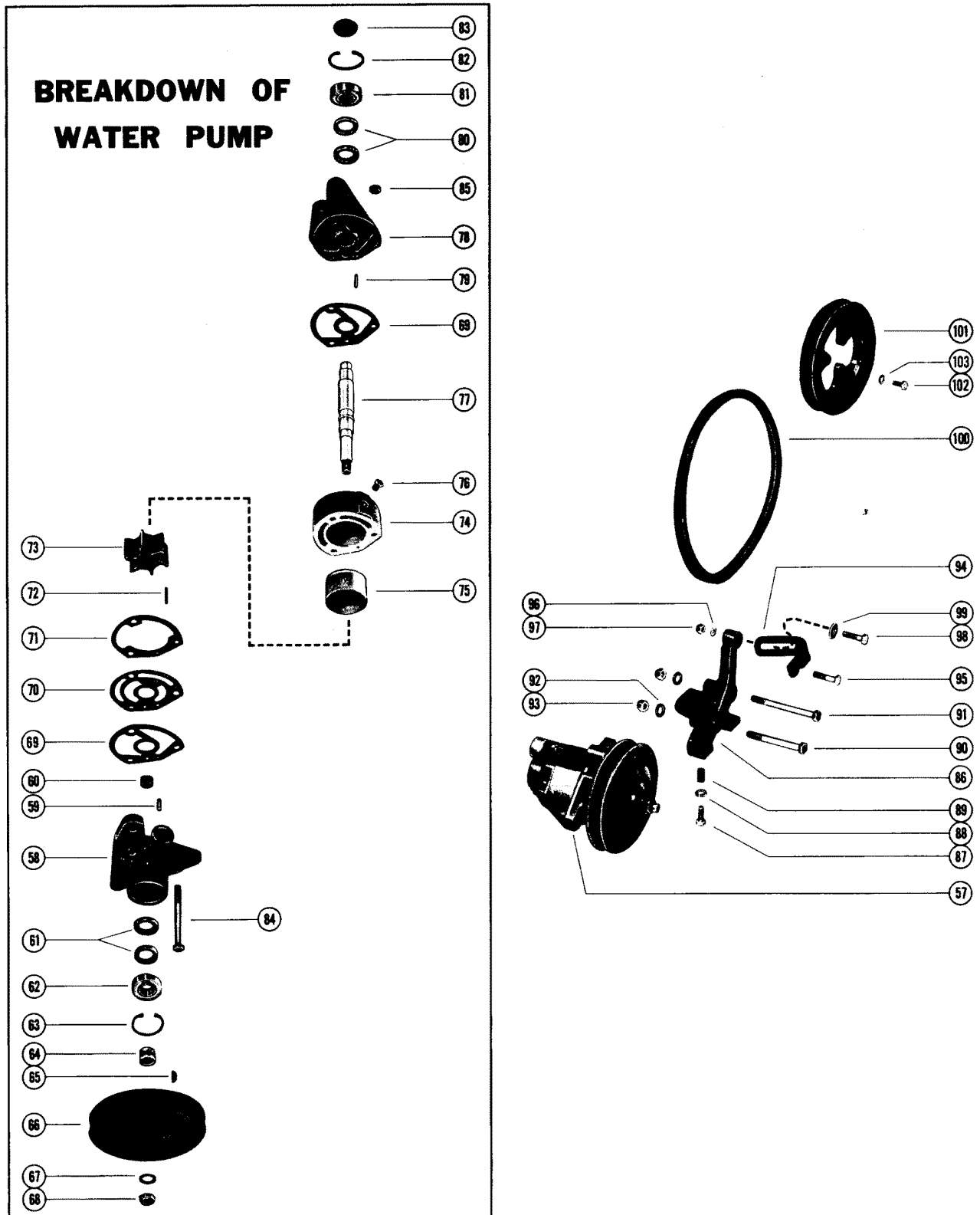
# FRESH WATER COOLING KIT (MARINE 60)



## FRESH WATER COOLING KIT (MARINE 60)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
38	22-39745		1	FITTING, EXHAUST MANIFOLD (BOTTOM) - 3/8-18
39	39749A1		1	HEAT EXCHANGER ASSEMBLY
40	37-39500		1	DECAL, HEAT EXCHANGER
41	27-46316		1	GASKET, HEAT EXCHANGER (3 RIBS)
42	27-46315		1	GASKET, HEAT EXCHANGER (4 RIBS)
43	10-34354		2	SCREW, END CAP TO HEAT EXCHANGER (1 1/2")
44	12-33181		2	WASHER, SEALING - END CAP SCREW
45	10-21077		4	SCREW, HEAT EXCHANGER TO MOUNTING BRACKETS (7/8")
46	13-37459		4	LOCKWASHER, HEAT EXCHANGER SCREW
47	39746		1	BRACKET, MOUNTING - HEAT EXCHANGER
48	10-39747		2	SCREW, MOUNTING BRACKET TO CYLINDER BLOCK (25MM)
49	13-26993		2	LOCKWASHER, MOUNTING BRACKET SCREW
50	32-39763		1	HOSE, HEAT EXCHANGER TO WATER PUMP (MOLDED)
51	54-32880		2	CLAMP, HOSE TO HEAT EXCHANGER AND WATER PUMP
52	32-36511		1	HOSE, HEAT EXCHANGER TO EXHAUST MANIFOLD FRONT COVER (21")
53	54-38819		2	CLAMP, HOSE TO HEAT EXCHANGER AND EXHAUST MANIFOLD FRONT COVER
54	22-32715		1	ELBOW, EXHAUST MANIFOLD FRONT COVER (1/2-14)
55	32-38905		1	HOSE, TRANSOM PLATE TO HEAT EXCHANGER (13")
56	54-35830		2	CLAMP, HOSE TO TRANSOM PLATE AND HEAT EXCHANGER

# FRESH WATER COOLING KIT (MARINE 60) BREAKDOWN OF WATER PUMP



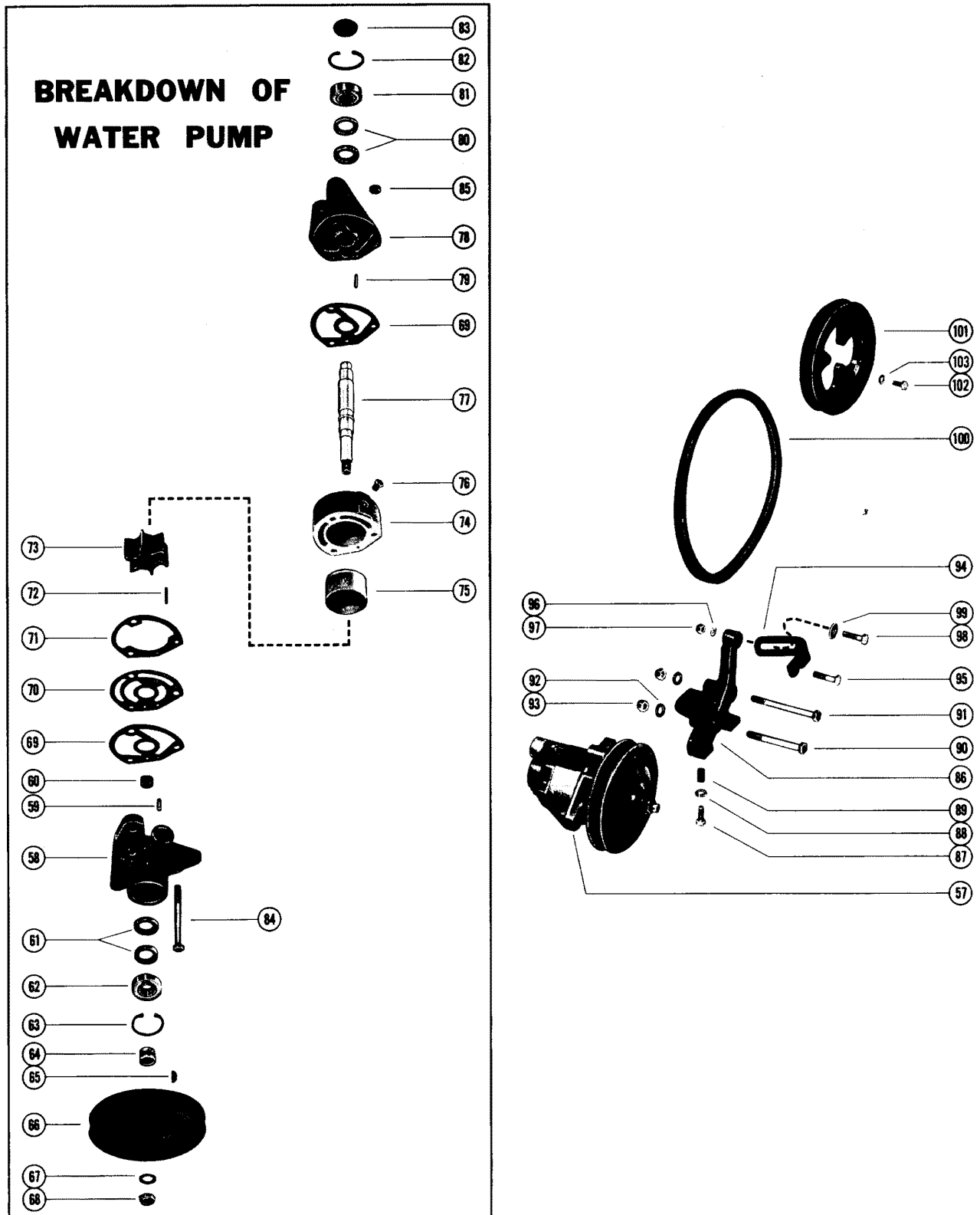


# FRESH WATER COOLING KIT (MARINE 60) BREAKDOWN OF WATER PUMP

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	39749A2		1	FRESH WATER COOLING KIT (SEE NOTE BELOW)
57	46-39750A2		1	WATER PUMP ASSEMBLY, COMPLETE
58	46-39750A1		1	BEARING HOUSING ASSEMBLY, WATER OUTLET END
59	17-33166		1	PIN, DOWEL - BEARING HOUSING
60	23-33186		1	BUSHING, BEARING HOUSING FLANGE
61	26-33215		2	OIL SEAL, BEARING HOUSING
62	30-33451		1	BALL BEARING, BEARING HOUSING
63	53-33452		1	RING, SNAP - BALL BEARING TO BEARING HOUSING
64	23-33477		1	SPACER, WATER PUMP PULLEY
65	28-30250		1	KEY, DRIVE SHAFT
66	39754		1	PULLEY, WATER PUMP
67	12-20959		1	WASHER, WATER PUMP DRIVE SHAFT
68	11-20220		1	NUT, WATER PUMP DRIVE SHAFT
69	27-33176		2	GASKET, FACE PLATE TO BEARING HOUSING
70	32836		1	PLATE, FACE - WATER PUMP
71	27-33175		1	GASKET, FACE PLATE TO WATER PUMP BODY
72	17-29967		1	PIN, IMPELLER DRIVE
73	47-30221		1	IMPELLER, WATER PUMP
74	46-39751A1		1	WATER PUMP BODY ASSEMBLY
75	30915		1	INSERT, WATER PUMP BODY
76	22-32802		1	PLUG, PIPE - WATER PUMP BODY
77	45-39753		1	DRIVE SHAFT, WATER PUMP
78	46-39765A1		1	BEARING HOUSING ASSEMBLY, WATER INLET END
79	17-33166		1	PIN, DOWEL - BEARING HOUSING
80	26-33215		2	OIL SEAL, BEARING HOUSING
81	30-33451		1	BALL BEARING, BEARING HOUSING
82	53-33452		1	RING, SNAP - BALL BEARING TO BEARING HOUSING
83	19-33165		1	WELCH PLUG, BEARING HOUSING
84	10-33008		3	SCREW, OUTLET HOUSING TO INLET HOUSING (3 1/2")
85	11-29250		3	NUT, OUTLET HOUSING TO INLET HOUSING SCREW
86	46055A1		1	BRACKET ASSEMBLY, MOUNTING - HEAT EXCHANGER AND PUMP
87	10-39747		1	SCREW, MOUNTING BRACKET ATTACHING (8MM X 25MM)
88	13-26993		1	LOCKWASHER, MOUNTING BRACKET SCREW
89	23-46122		1	BUSHING, MOUNTING BRACKET SCREW
87	10-46037		1	SCREW, MOUNTING BRACKET ATTACHING (10MM X 28MM)
88	13-32993		1	LOCKWASHER, MOUNTING BRACKET SCREW
90	10-32775		1	SCREW, WATER PUMP TO MOUNTING BRACKET (3 1/2")
91	10-37626		1	SCREW, MOUNTING BRACKET TO CYLINDER BLOCK (4 1/4")
92	12-20553		2	WASHER, MOUNTING BRACKET SCREW
93	11-23161		2	NUT, MOUNTING BRACKET SCREW

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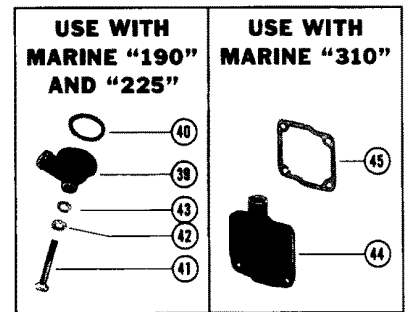
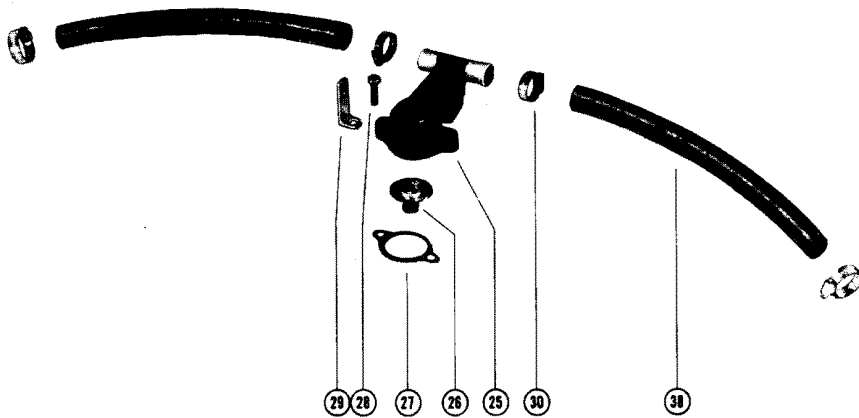
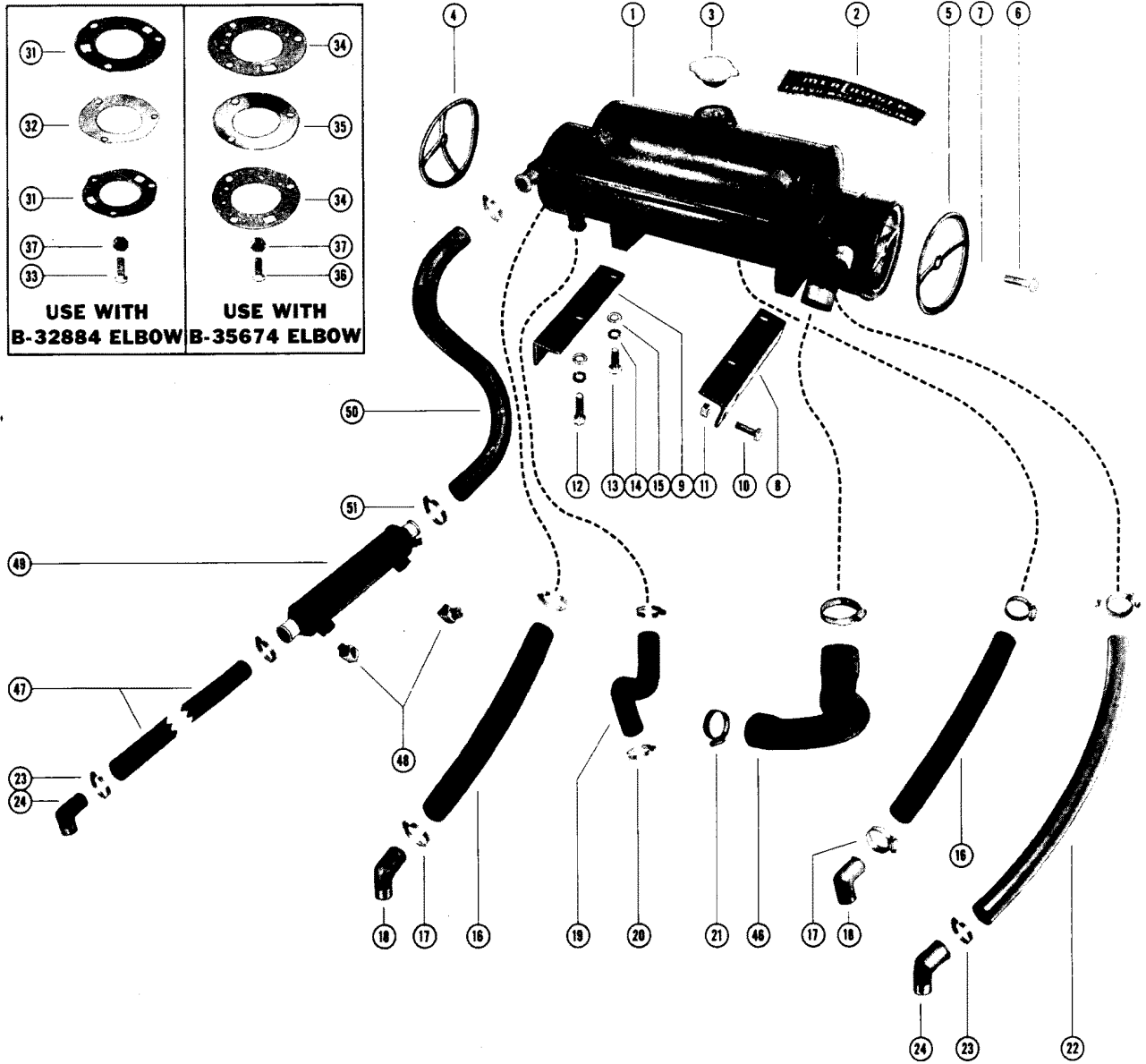
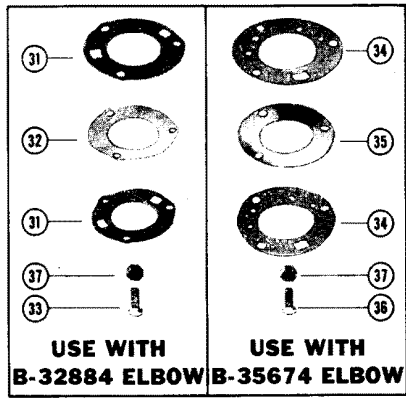
# FRESH WATER COOLING KIT (MARINE 60) BREAKDOWN OF WATER PUMP



## FRESH WATER COOLING KIT (MARINE 60) BREAKDOWN OF WATER PUMP

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
94	39755		1	BRACE, MOUNTING - WATER PUMP
95	10-25292		1	SCREW, MOUNTING BRACE TO MOUNTING BRACKET (1 1/2")
96	12-20722		1	WASHER, MOUNTING BRACE SCREW
97	11-21528		1	NUT, MOUNTING BRACE SCREW
98	10-31984		1	SCREW, MOUNTING BRACE TO WATER PUMP (1 3/8")
99	12-26168		1	WASHER, MOUNTING BRACE TO WATER PUMP SCREW
100	39756		1	"F BELT, FLYWHEEL PULLEY AND WATER PUMP PULLEY
101	39762		1	PULLEY, FLYWHEEL
102	10-25299		3	SCREW, PULLEY TO FLYWHEEL (11/16")
103	13-26993		3	LOCKWASHER, PULLEY SCREW

# HEAT EXCHANGER KIT & FRESH WATER COOLING KIT

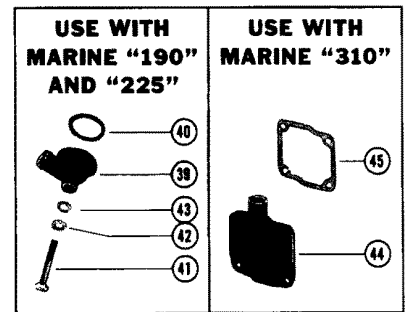
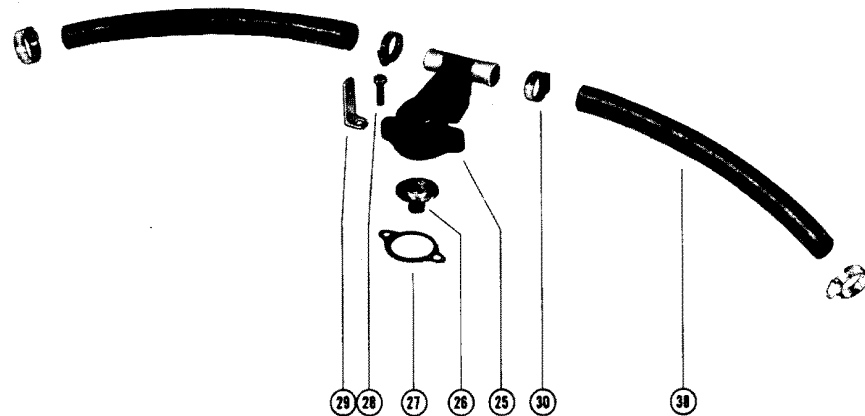
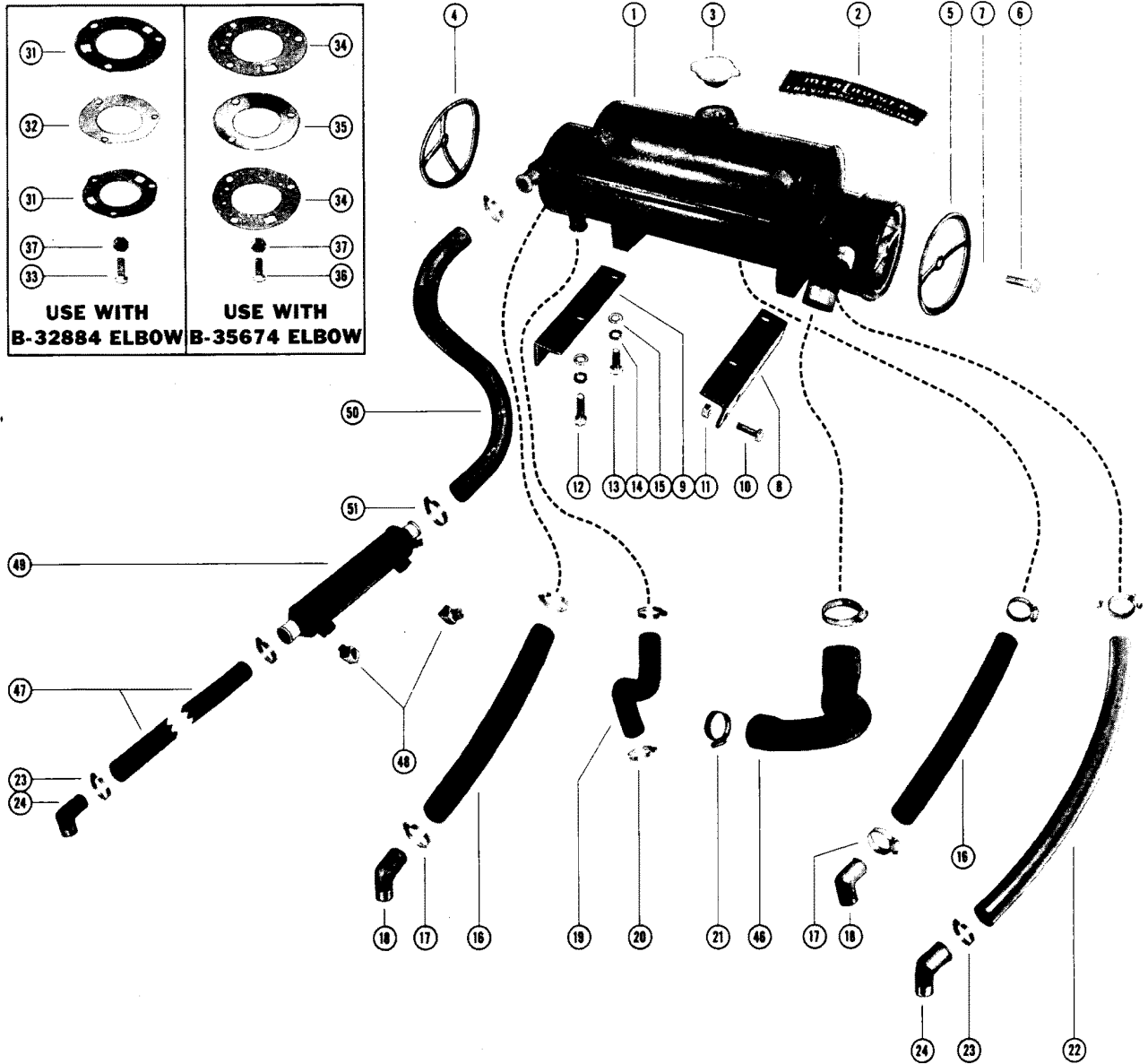
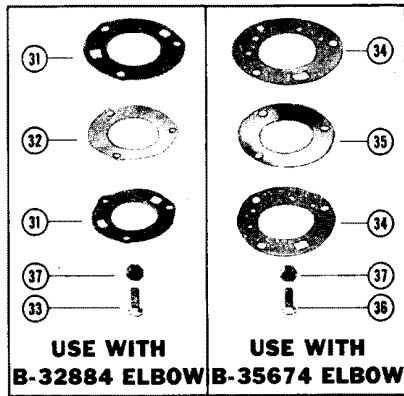


# HEAT EXCHANGER KIT & FRESH WATER COOLING KIT

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	36303A2		1,,	HEAT EXCHANGER KIT (BASIC) - MARINE 190,225 AND 310 (SEE NOTE)
1	36303A1		1,,	HEAT EXCHANGER ASSEMBLY
2	37-37390		1,,	DECAL, HEAT EXCHANGER
3	37344		1,,	CAP, PRESSURE - HEAT EXCHANGER
4	27-38033		1,,	GASKET, HEAT EXCHANGER - END CAP (PORT)
5	27-38034		1,,	GASKET, HEAT EXCHANGER - END CAP (STARBOARD)
6	10-34354		2,,	SCREW, END CAP TO HEAT EXCHANGER (1 1/2")
7	12-33181		2,,	WASHER, SEALING - END CAP SCREW
8	36301		1,,	BRACKET, MOUNTING - HEAT EXCHANGER (PORT)
9	36302		1,,	BRACKET, MOUNTING - HEAT EXCHANGER (STARBOARD)
10	10-20090		4,,	SCREW, HEAT EXCHANGER BRACKET TO FRONT BRACKET (1")
11	11-25269		4,,	NUT, HEAT EXCHANGER BRACKET SCREW
12	10-28464		2,,	SCREW, MOUNTING BRACKET TO HEAT EXCHANGER (1 1/2")
13	10-20359		2,,	SCREW, MOUNTING BRACKET TO HEAT EXCHANGER (1")
14	13-37459		4,,	LOCKWASHER, MOUNTING BRACKET SCREW
15	12-20553		4,,	WASHER, MOUNTING BRACKET SCREW
16	32-35566		2,,	HOSE, HEAT EXCHANGER TO MANIFOLD ELBOW (16 1/4")
17	54-32780		4,,	CLAMP, HOSE TO HEAT EXCHANGER AND MANIFOLD ELBOW
18	22-36304		2,,	ELBOW, MANIFOLD ELBOW (105 DEGREES BEND)
19	32-36307		1,,	HOSE, WATER PUMP TO HEAT EXCHANGER (MOLDED)
20	54-32880		2,,	CLAMP, HOSE TO WATER PUMP AND HEAT EXCHANGER
21	54-32781		2,,	CLAMP, HOSE ASSEMBLY TO HEAT EXCHANGER AND ENGINE WATER PUMP
22	32-35568		1,,	HOSE, HEAT EXCHANGER TO EXHAUST ELBOW (24 1/2")
23	54-32880		4,,	CLAMP, HOSE TO HEAT EXCHANGER AND EXHAUST ELBOW
24	22-36305		2,,	ELBOW, EXHAUST ELBOW (90 DEGREES BEND)
25	36299		1,,	HOUSING, THERMOSTAT
26	35884		1,,	THERMOSTAT
27	27-33179		1,,	GASKET, THERMOSTAT HOUSING
28	10-26632		2,,	SCREW, THERMOSTAT HOUSING TO INTAKE MANIFOLD (1 1/4")
29	36300		1,,	TAB, THERMOSTAT HOUSING SCREW - THROTTLE RETURN SPRING
30	54-32880		4,,	CLAMP, HOSE TO THERMOSTAT HOUSING AND WATER INLET HOUSING
31	27-33173		4,,	GASKET, FACE PLATE TO EXHAUST ELBOW USE WITH 32884 ELBOW
32	36309		2,,	PLATE, FACE - EXHAUST ELBOW USE WITH 32884 ELBOW
33	10-24217		6,,	SCREW, EXHAUST ELBOW CLAMPING (1 1/2") USE WITH 32884 ELBOW

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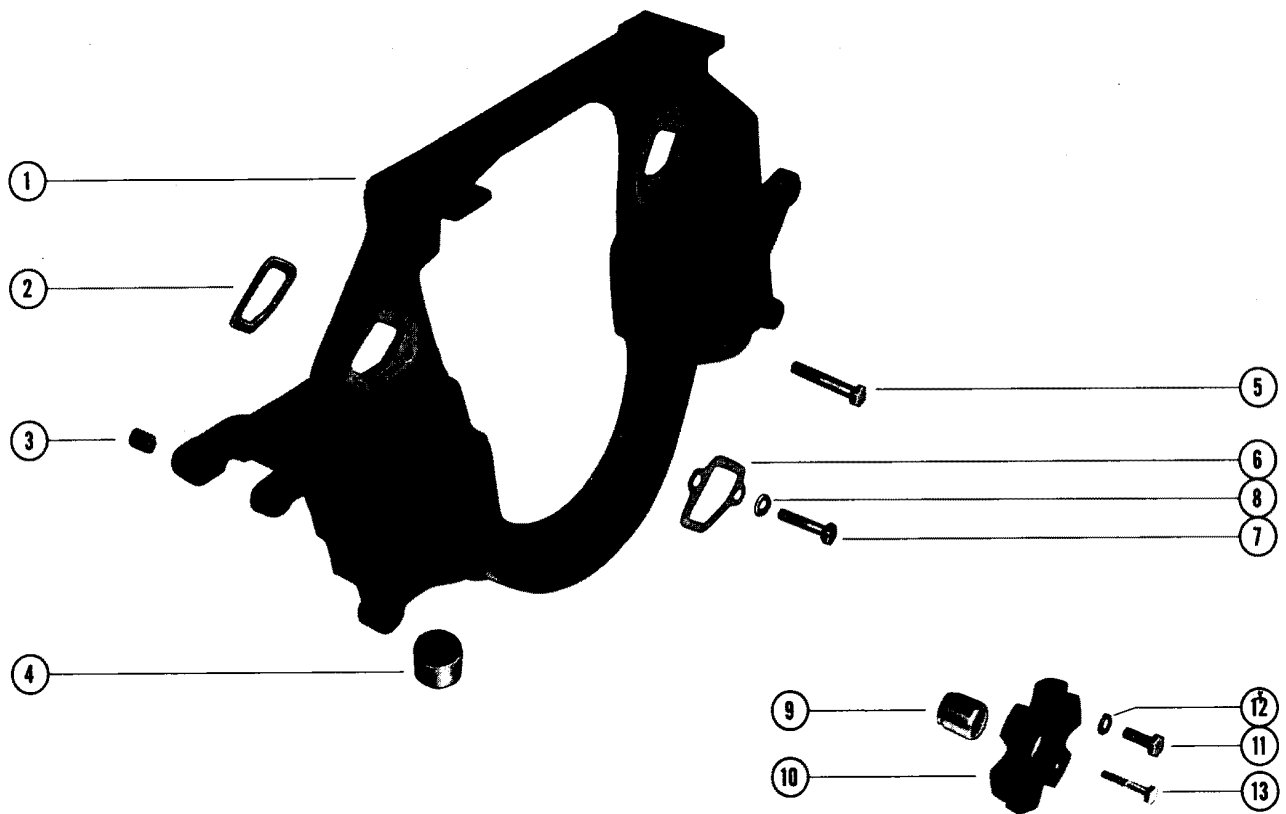
# HEAT EXCHANGER KIT & FRESH WATER COOLING KIT



# HEAT EXCHANGER KIT & FRESH WATER COOLING KIT

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
34	27-35671		4,,	GASKET, FACE PLATE TO UPPER EXHAUST ELBOW 35674 ELBOW
35	36310		2,,	PLATE, FACE - UPPER EXHAUST ELBOW USE WITH 35674 ELBOW
36	10-21951		6,,	SCREW, UPPER EXHAUST ELBOW CLAMPING (1 1/4") 35674 ELBOW
37	11-25269		6,,	NUT, EXHAUST ELBOW CLAMPING SCREW
-	<b>36306A1</b>		<b>,1,</b>	<b>FRESH WATER COOLING KIT (MARINE 190 AND 225)</b>
-	<b>38731A1</b>		<b>,,1</b>	<b>FRESH WATER COOLING KIT (MARINE 310)</b>
38	32-35567		,2,	HOSE, THERMOSTAT HOUSING TO WATER INLET HOUSING (14")
	32-38737		,,2	HOSE, THERMOSTAT HOUSING TO EXHAUST MANIFOLD END CAP (18 1/2")
39	36306		,2,	HOUSING, WATER INLET - EXHAUST MANIFOLD BODY
40	27-33180		,2,	GASKET, WATER INLET HOUSING
41	10-31827		,2,	SCREW, WATER INLET HOUSING TO EXHAUST MANIFOLD BODY (3")
42	12-20553		,2,	WASHER, WATER INLET HOUSING SCREW
43	12-33181		,2,	WASHER, SEALING - WATER INLET HOUSING SCREW
44	38731		,,2	END CAP, EXHAUST MANIFOLD (HOSE CONNECTOR)
45	27-34345		,,2	GASKET, END CAP TO EXHAUST MANIFOLD
46	32-36308A1		,1,	HOSE ASSEMBLY, HEAT EXCHANGER TO ENGINE WATER PUMP (MOLDED)
	32-38734A1		,,1	HOSE ASSEMBLY, HEAT EXCHANGER TO ENGINE WATER PUMP (MOLDED)
47	32-35568		,1,	HOSE, HEAT EXCHANGER TO EXHAUST ELBOW (24 1/2")
	32-38739		,,1	HOSE, OIL COOLER TO EXHAUST ELBOW (26 1/2")
48	22-38743		,,2	FITTING, OIL COOLER AND OIL FILTER ADAPTOR
49	38733		,,1	OIL COOLER
50	32-38732		,,1	HOSE, HEAT EXCHANGER TO OIL COOLER (MOLDED)
51	54-32880		,,2	CLAMP, HOSE TO HEAT EXCHANGER AND OIL COOLER

# CONVERSION KIT (FRESH WATER COOLING) - MARINE 310

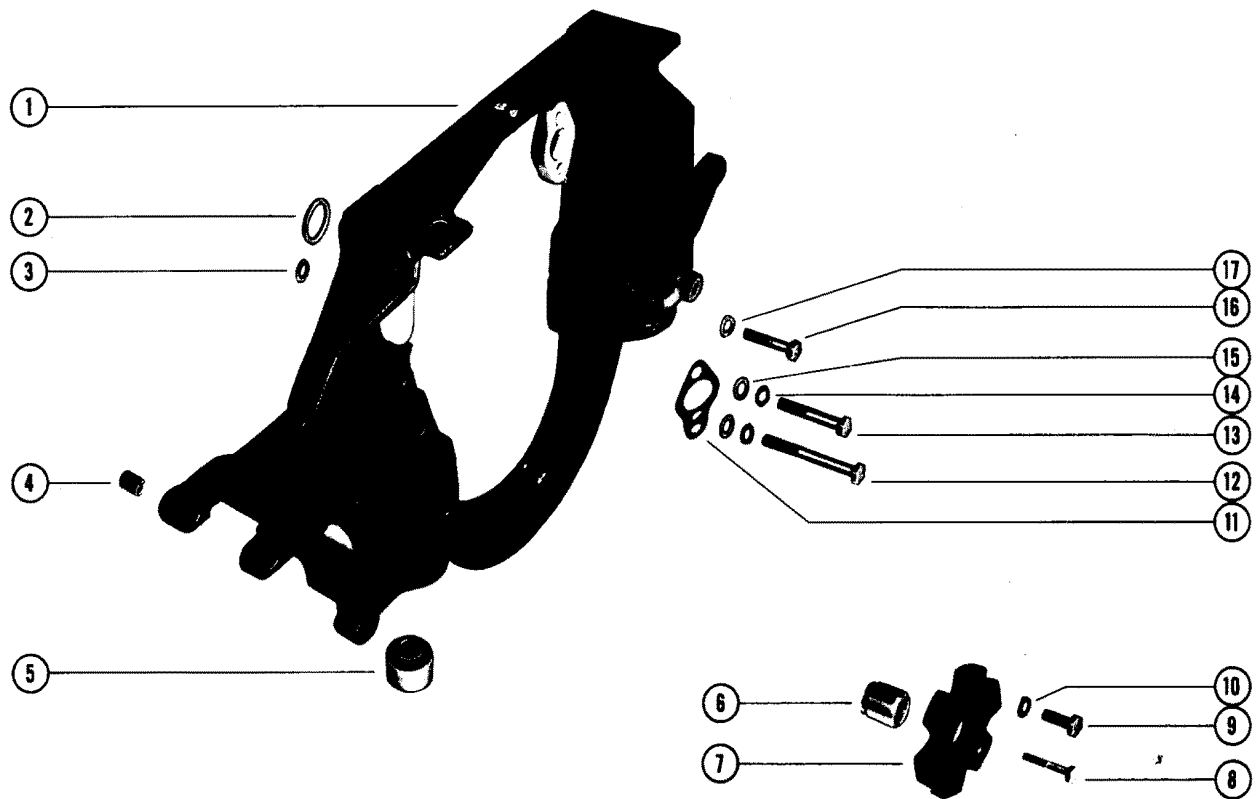




## CONVERSION KIT (FRESH WATER COOLING) - MARINE 310

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	38736A1		1	<b>CONVERSION KIT, FRESH WATER COOLING (MARINE 310) - SEE NOTE</b>
1	35901A1		1	BRACKET ASSEMBLY, FRONT MOUNTING BELOW
2	27-35900		2	GASKET, RUBBER - FRONT MOUNTING BRACKET
3	23-33186		4	BUSHING, FRONT MOUNTING BRACKET
4	35852		2	MOUNT, RUBBER - FRONT MOUNTING BRACKET
5	10-35869		4	SCREW, FRONT MOUNTING BRACKET TO ENGINE (1 3/4")
6	27-35591		2	GASKET, WATER PUMP TO FRONT MOUNTING BRACKET
7	10-35870		4	SCREW, WATER PUMP TO FRONT MOUNTING BRACKET (2")
8	12-20553		4	WASHER, WATER PUMP SCREW
9	35858		1	PILOT EXTENSION, CRANKSHAFT PULLEY
10	23-35857		1	SPACER, CRANKSHAFT PULLEY
11	10-35871		3	SCREW, CRANKSHAFT PULLEY TO HARMONIC BALANCER (1 1/2")
12	13-37459		3	LOCKWASHER, CRANKSHAFT PULLEY SCREW
13	10-37388		1	SCREW, PULLEY TO CRANKSHAFT (2 3/4")

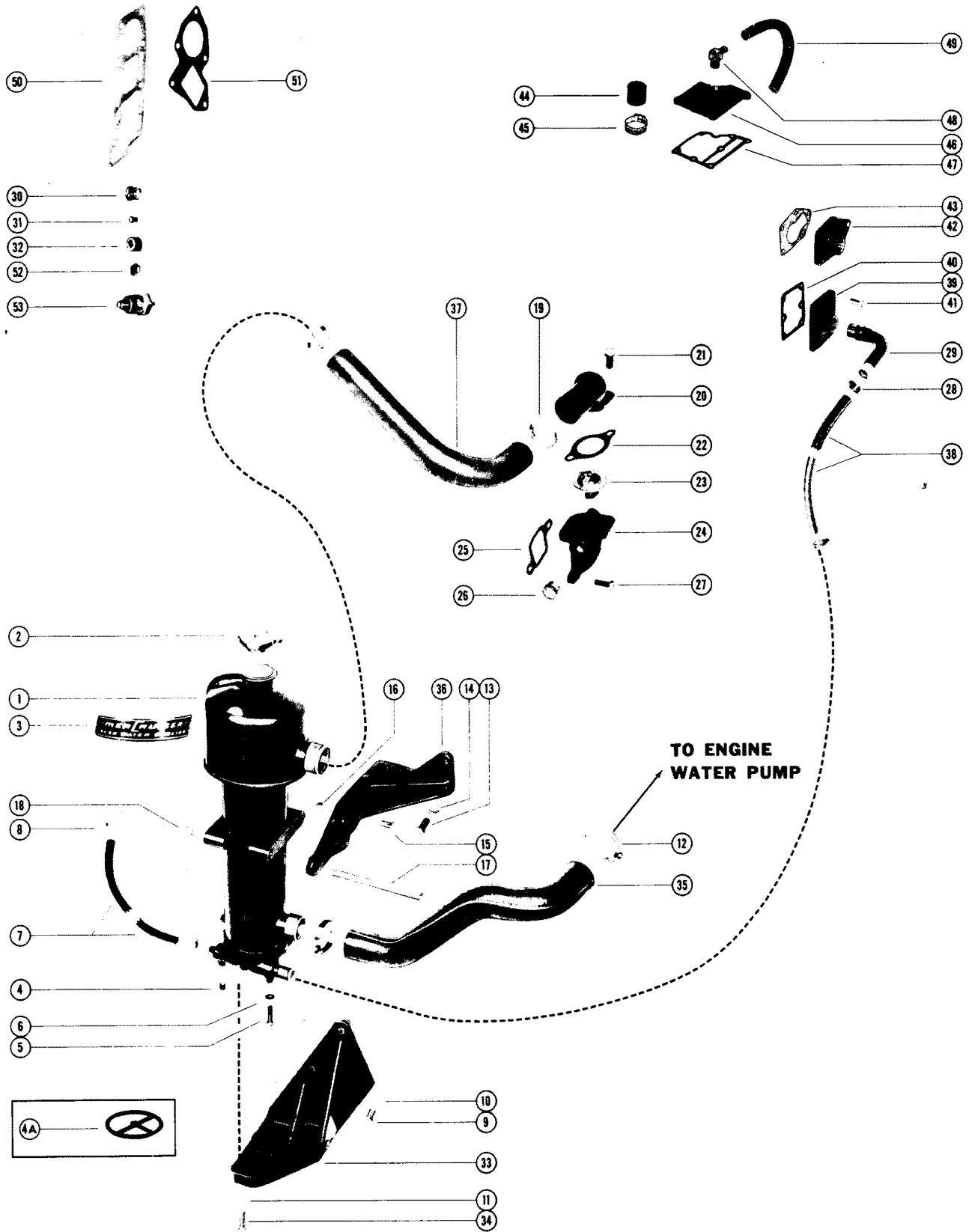
# CONVERSION KIT (FRESH WATER COOLING)



## CONVERSION KIT (FRESH WATER COOLING)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	36402A1		1	CONVERSION KIT, FRESH WATER COOLING (MARINE 190 & 225)SEE NOTE
1	35837A1		1	BRACKET ASSEMBLY, FRONT MOUNTING
2	25-35790		2	QUAD RING, FRONT MOUNTING BRACKET (LARGE)
3	25-35789		1	QUAD RING, FRONT MOUNTING BRACKET (SMALL)
4	23-33186		4	BUSHING, FRONT MOUNTING BRACKET
5	35852		2	MOUNT, RUBBER - FRONT MOUNTING BRACKET
6	35838		1	PILOT EXTENSION, CRANKSHAFT PULLEY
7	23-35839		1	SPACER, CRANKSHAFT PULLEY
8	10-37388		1	SCREW, PULLEY AND BALANCER TO CRANKSHAFT (2 3/4")
9	10-35786		3	SCREW, PULLEY AND SPACER TO HARMONIC BALANCER (1")
10	13-27969		3	LOCKWASHER, CRANKSHAFT PULLEY AND SPACER SCREW
11	27-34897		2	GASKET, WATER PUMP TO FRONT MOUNTING BRACKET
12	10-35785		1	SCREW, WATER PUMP TO FRONT MOUNTING BRACKET (3 1/4")
13	10-35787		3	SCREW, WATER PUMP TO FRONT MOUNTING BRACKET (2 1/4")
14	13-27969		4	LOCKWASHER, WATER PUMP MOUNTING SCREW
15	12-20553		4	WASHER, WATER PUMP MOUNT SCREW
16	10-35788		4	SCREW, FRONT MOUNTING BRACKET TO CYL. BLOCK (1 3/4")
17	12-20553		4	WASHER, FRONT MOUNTING BRACKET SCREW

# HEAT EXCHANGER KIT (MARINE 110, 120, 140,150,160 AND 165)

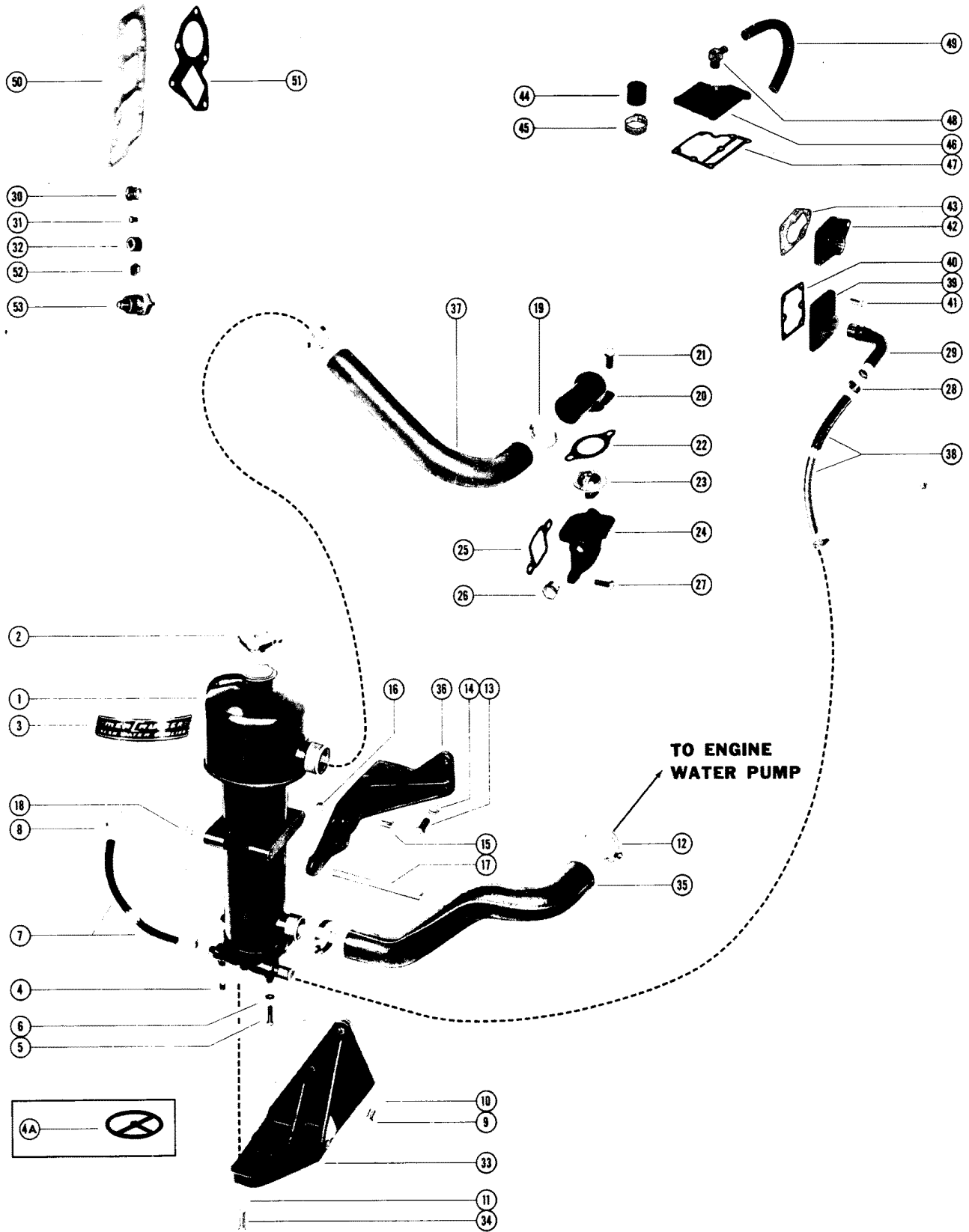


# HEAT EXCHANGER KIT (MARINE 110, 120, 140,150,160 AND 165)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	39190A6		1	HEAT EXCHANGER KIT (BASIC) - MARINE 110, 120,140,150,160 AND 165
1	39190A5		1	HEAT EXCHANGER ASSEMBLY
2	39441		1	CAP, PRESSURE - HEAT EXCHANGER FILLER
3	37-39500		1	DECAL, HEAT EXCHANGER
4	22-32802		4	PLUG, PIPE - HEAT EXCHANGER DRAIN
4A	27-45925		1	GASKET, HEAT EXCHANGER (INTERNAL)
5	10-34354		2	SCREW, END CAP TO HEAT EXCHANGER (1 1/2")
6	12-33181		2	WASHER, SEALING - END CAP SCREW
7	32-39315		1	HOSE, INLET - TRANSOM PLATE TO HEAT EXCHANGER (48")
8	54-32779		2	CLAMP, INLET HOSE TO TRANSOM PLATE AND HEAT EXCHANGER
9	10-26487		3	SCREW, MOUNTING BRACKET TO CYLINDER BLOCK (1 1/8")
10	13-37459		3	LOCKWASHER, MOUNTING BRACKET SCREW
11	13-37459		2	LOCKWASHER, HEAT EXCHANGER SCREW
12	54-32781		2	CLAMP, HOSE TO HEAT EXCHANGER AND ENGINE WATER PUMP
13	10-26487		2	SCREW, MOUNTING BRACKET TO CYLINDER BLOCK (1 1/8")
14	13-37459		2	LOCKWASHER, MOUNTING BRACE SCREW
15	10-24217		1	SCREW, IGNITION COIL TO MOUNTING BRACE (1 1/2")
16	11-23161		1	NUT, IGNITION COIL MOUNTING SCREW
17	10-33158		2	BOLT, THRU - HEAT EXCHANGER TO MOUNTING BRACE (5 1/2")
18	11-23161		2	NUT, HEAT EXCHANGER THRU BOLT
19	54-32781		2	CLAMP, HOSE TO HEAT EXCHANGER AND THERMOSTAT COVER
20	39193		1	COVER, THERMOSTAT
21	10-20359		2	SCREW, THERMOSTAT COVER TO THERMOSTAT HOUSING (1")
22	27-33918		1	GASKET, THERMOSTAT COVER TO THERMOSTAT HOUSING
23	35884		1	THERMOSTAT
24	33919		1	HOUSING, THERMOSTAT - CYLINDER HEAD
25	27-33680		1	GASKET, THERMOSTAT HOUSING TO CYLINDER HEAD
26	22-32804		1	PLUG, THERMOSTAT HOUSING (1/2-14")
27	10-20359		2	SCREW, THERMOSTAT HOUSING TO CYLINDER HEAD (1")
28	54-32880		2	CLAMP, HOSE TO HEAT EXCHANGER AND END COVER ELBOW
29	22-39196A1		1	ELBOW ASSEMBLY, EXHAUST MANIFOLD END COVER
30	22-32804		2	PLUG, EXHAUST ELBOW (1/2-14")
31	22-32802		1	PLUG, EXHAUST MANIFOLD OR THERMOSTAT CONTAINER (1/8-27")
32	22-33198		1	PLUG, EXHAUST MANIFOLD (3/4-14")

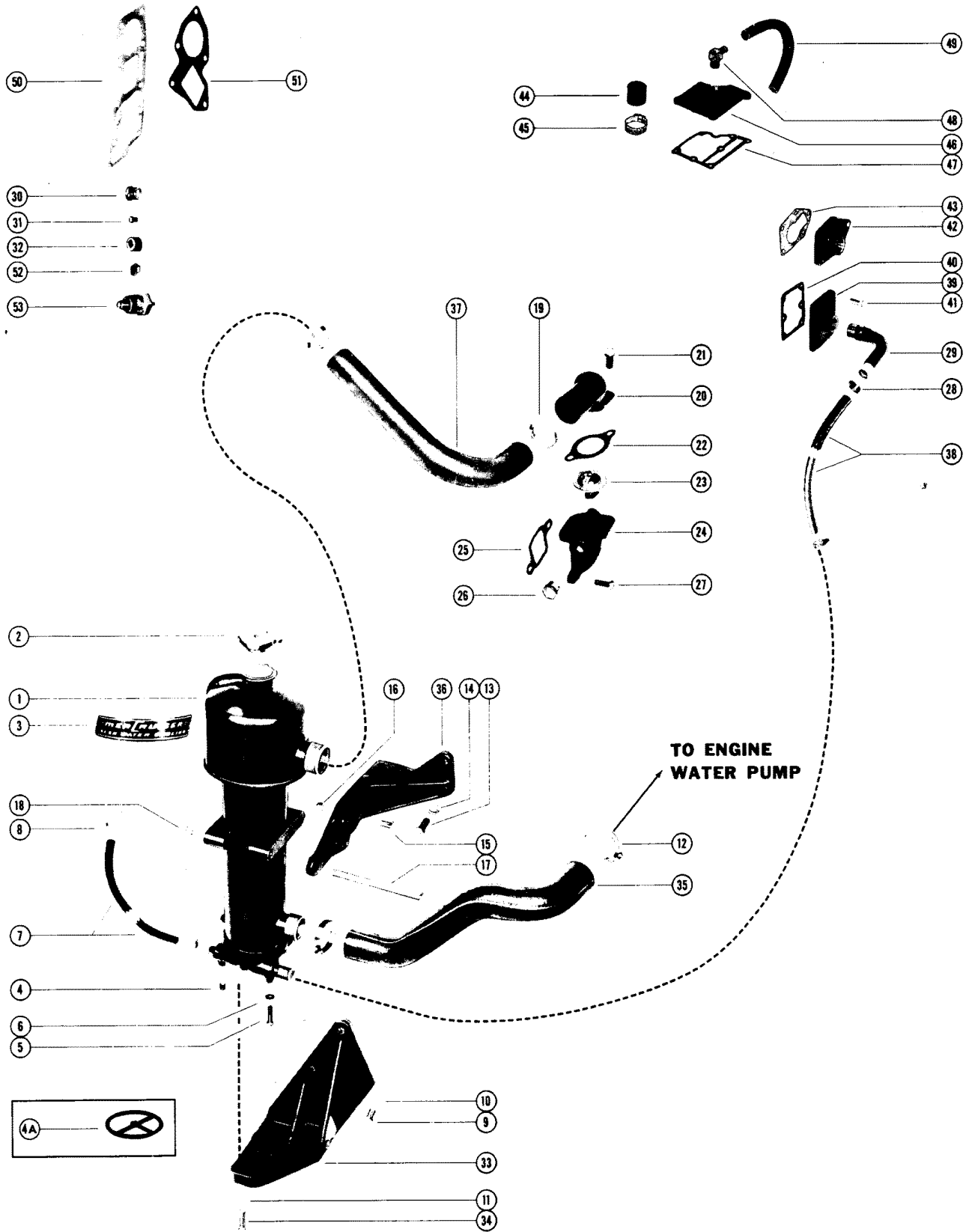
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# HEAT EXCHANGER KIT (MARINE 110, 120, 140,150,160 AND 165)





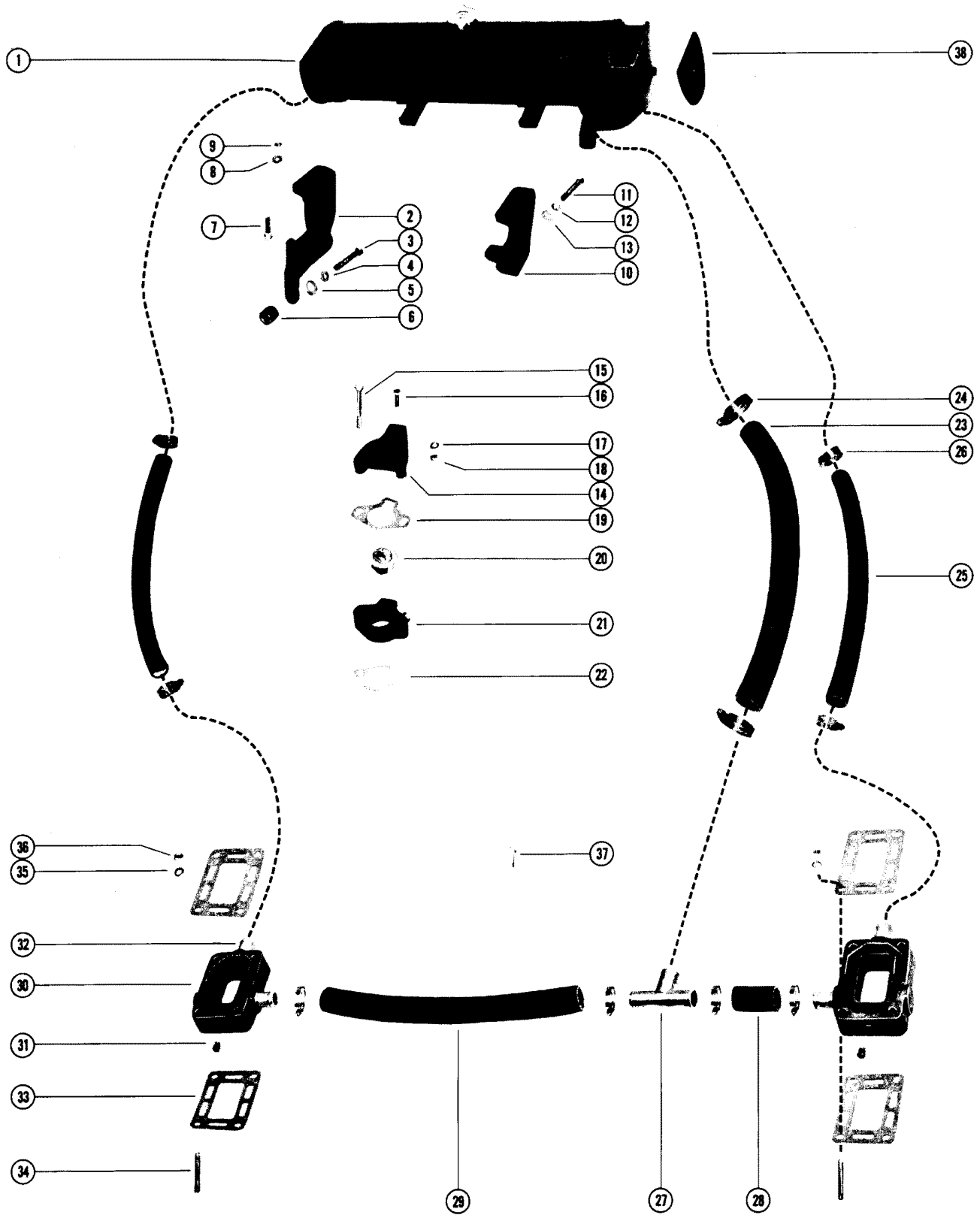
# HEAT EXCHANGER KIT (MARINE 110, 120, 140,150,160 AND 165)







# FRESH WATER COOLING KIT (MARINE 250 AND 325)

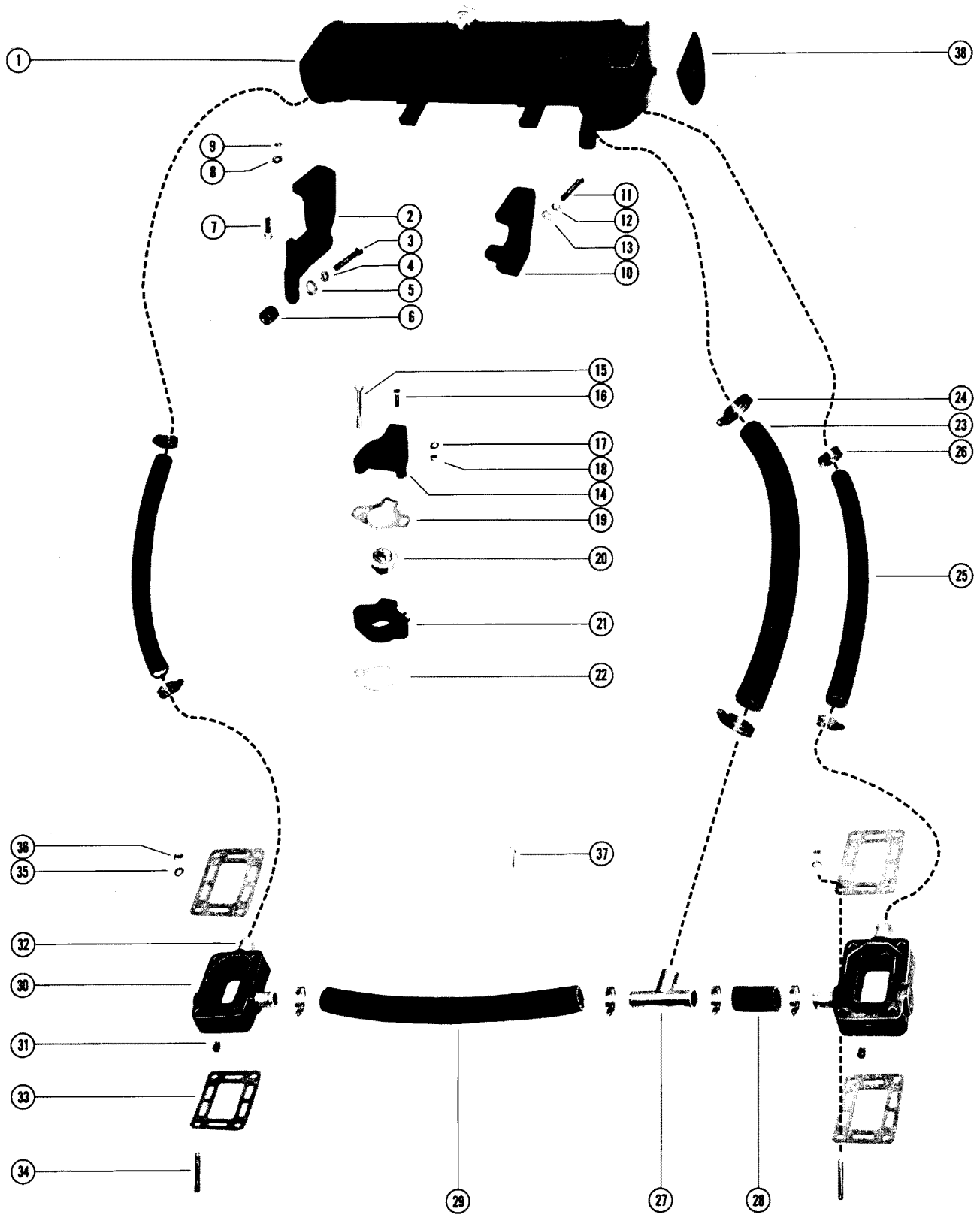


# FRESH WATER COOLING KIT (MARINE 250 AND 325)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	52965A1		1,	FRESH WATER COOLING KIT (MARINE 250)
	52966A1		,1	FRESH WATER COOLING KIT (MARINE 325)
2	54767		1,	BRACKET, MOUNTING - HEAT EXCHANGER (LEFT SIDE)
	54773		,1	BRACKET, MOUNTING - HEAT EXCHANGER (LEFT SIDE) -NOT AS SHOWN
3	10-26486		1,	SCREW, MOUNTING BRACKET TO ENGINE (2 3/8")
	10-45754		1,	SCREW, MOUNTING BRACKET TO ENGINE (2 1/8")
	10-45363		,2	SCREW, MOUNTING BRACKET TO ENGINE (2 1/2")
4	13-37458		2,2	LOCKWASHER, MOUNTING BRACKET S CREW
5	12-34664		2,2	WASHER, MOUNTING BRACKET SCREW
6	23-54769		1,	SPACER, MOUNTING BRACKET
7	10-34354		4,4	SCREW, HEAT EXCHANGER TO MOUNTING BRACKET (1 1/2")
8	13-37458		4,4	LOCKWASHER, HEAT EXCHANGER SCREW
9	11-32219		4,4	NUT, HEAT EXCHANGER SCREW
10	54766		1,	BRACKET, MOUNTING - HEAT EXCHANGER (RIGHT SIDE)
	54774		,1	BRACKET, MOUNTING - HEAT EXCHANGER (RIGHT SIDE) -NOT AS SHOWN
11	10-48115		1,	SCREW, MOUNTING BRACKET TO ENGINE (3 1/2" )
	10-45363		1,	SCREW, MOUNTING BRACKET TO ENGINE (2 1/2")
	10-45363		,2	SCREW, MOUNTING BRACKET TO ENGINE (2 1/2")
12	13-37458		2,2	LOCKWASHER, MOUNTING BRACKET SCREW
13	12-34664		2,2	WASHER, MOUNTING BRACKET SCREW
14	54765		1,	BRACKET, TIE-DOWN - HEAT EXCHANGER (THERMOSTAT COVER)
	54772		,1	BRACKET, TIE-DOWN-HEATEXCHANGER(THERMOSTAT COVER)-NOT AS SHOWN
15	10-33389		,2	SCREW, BRACKET AND SPACER TO THERMOSTAT HOUSING (4 1/4")
16	10-37612		1,	SCREW, TIE-DOWN BRACKET TO HEAT EXCHANGER (1 1/4")
	10-37612		,2	SCREW, TIE-DOWN BRACKET TO HEAT EXCHANGER (1 1/4")
17	13-37458		1,	LOCKWASHER, TIE-DOWN BRACKET SCREW
	13-37458		,2	LOCKWASHER, TIE-DOWN BRACKET SCREW
18	11-32219		1,	NUT, TIE-DOWN BRACKET SCREW
	11-32219		,2	NUT, TIE-DOWN BRACKET SCREW
19	27-48818		1,1	GASKET, SPACER TO TIE-DOWN BRACKET
20	54768		1,	THERMOSTAT
	54775		,1	THERMOSTAT
21	54764		1,	SPACER, THERMOSTAT HOUSING
	54771		,1	SPACER, THERMOSTAT HOUSING
22	27-33179		1,1	GASKET, THERMOSTAT HOUSING TO SPACER
23	32-54862A1		1,	HOSE, HEAT EXCHANGER TO TEE (23")
	32-54862A1		,1	HOSE, HEAT EXCHANGER TO TEE (26")

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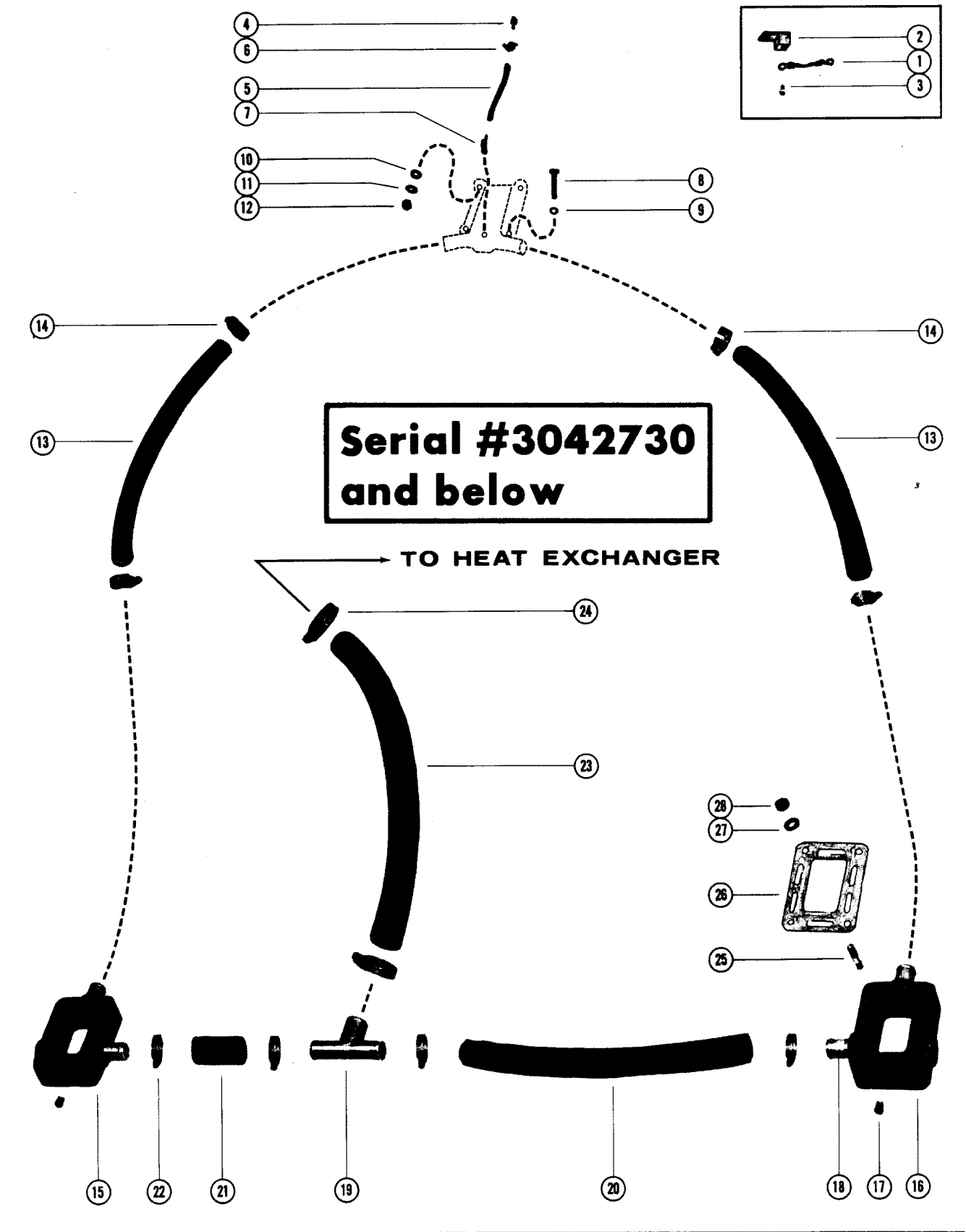
# FRESH WATER COOLING KIT (MARINE 250 AND 325)



## FRESH WATER COOLING KIT (MARINE 250 AND 325)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
24	54-32780		2,2	CLAMP, HOSE ATTACHING
25	32-35100A1		2,	HOSE, HEAT EXCHANGER TO WATER DISTRIBUTION HOUSING (20")
	32-35100A1		,2	HOSE, HEAT EXCHANGER TO WATER DISTRIBUTION HOUSING (22")
26	54-32880		8,8	CLAMP, HOSE ATTACHING
27	22-54770		1,1	TEE, FITTING
28	32-35100A1		1,1	HOSE, TEE TO WATER DISTRIBUTION HOUSING (2 1/2")
29	32-35100A1		1,	HOSE, WATER DISTRIBUTION HOUSING TO TEE (16 1/2")
	32-35100A1		,1	HOSE, WATER DISTRIBUTION HOUSING TO TEE (19")
30	52884A1		1,1	HOUSING ASSEMBLY, WATER DISTRIBUTION (LEFT SIDE)
	52885A1		1,1	HOUSING ASSEMBLY, WATER DISTRIBUTION (RIGHT SIDE)
31	22-32802		2,2	PLUG, PIPE - WATER DISTRIBUTION HOUSING
32	23-52020		4,4	SLEEVE, WATER DISTRIBUTION HOUSING
33	27-48042		4,4	GASKET, WATER DISTRIBUTION HOUSING
34	16-52988		8,8	STUD, WATER DISTRIBUTION HOUSING TO EXHAUST MANIFOLD
35	13-37459		8,8	LOCKWASHER, WATER DISTRIBUTION HOUSING STUD
36	11-49838		8,8	NUT, WATER DISTRIBUTION HOUSING STUD
37	10-26801		,1	SCREW, RETAINER CLAMP TO ENGINE (5/8")
38	27-54779		2,2	GASKET, HEAT EXCHANGER

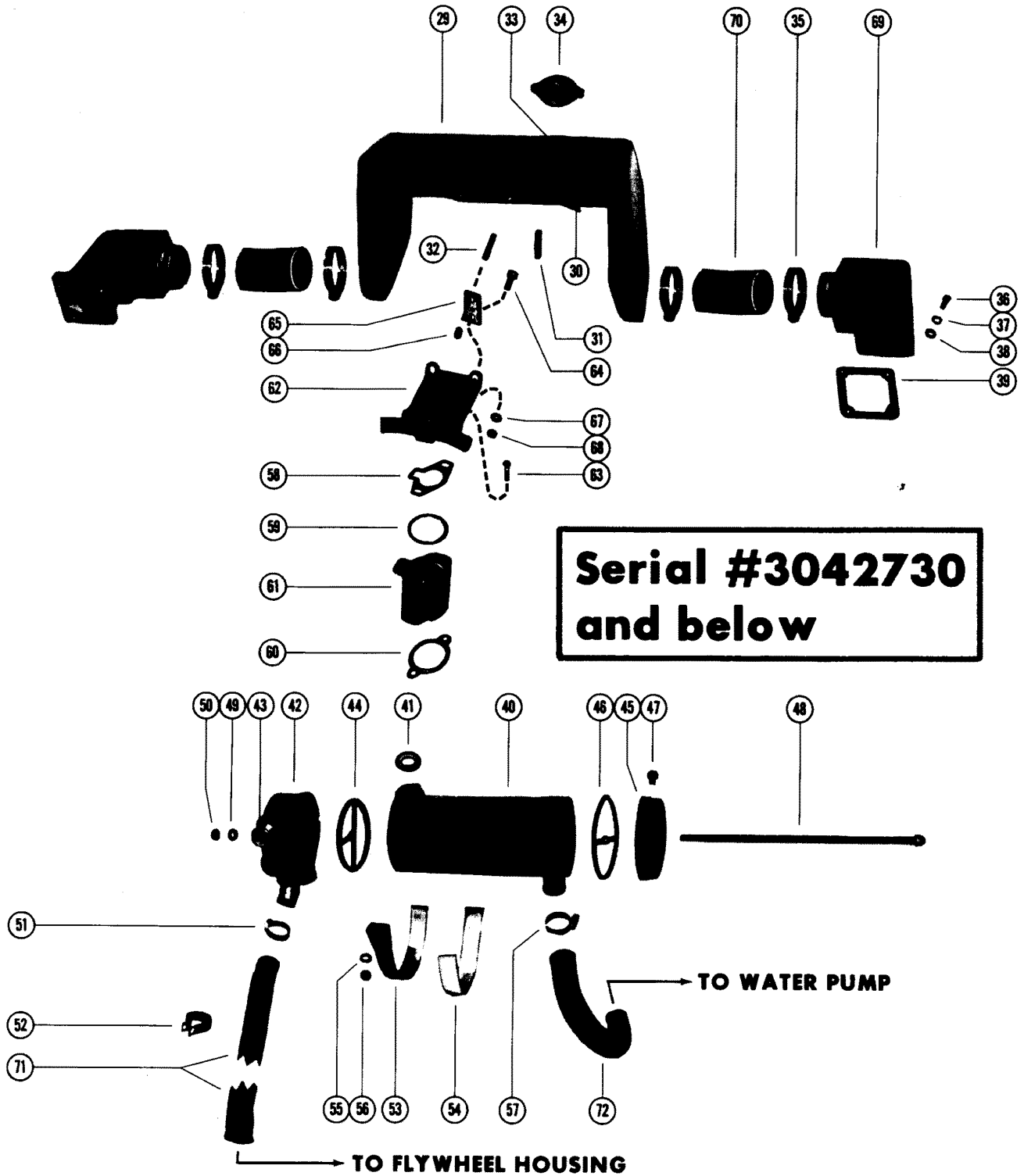
# FRESH WATER COOLING EAT (MARINE 270 AND 325)(TO HEAT EXCH)



## FRESH WATER COOLING EAT (MARINE 270 AND 325)(TO HEAT EXCH)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	55125A9		1	FRESH WATER COOLING KIT(SEE NOTE)
1	58036A2		1	RESISTOR ASSEMBLY, WATER TEMPERATURE GAUGE
2	45915		1	TERMINAL BLOCK
3	10-30009		1	SCREW, RESISTOR TO TERMINAL BLOCK
4	22-20445		1	FITTING, AIR BLEED HOSE TO RESERVOIR
5	32-52742A1		1	HOSE, AIR BLEED (9 1/2")
6	54-20387		2	CLAMP, FITTINGS TO AIR BLEED HOSE
7	22-54139		1	FITTING, AIR BLEED HOSE TO THERMOSTAT COVER
8	10-48115		2	SCREW, THERMOSTAT COVER/THERMOSTAT HOUSING TO MANIFOLD (3 1/2")
9	13-37459		2	LOCKWASHER, THERMOSTAT COVER/THERMOSTAT HOUSING SCREW
10	12-30771		2	WASHER, FIBER - THERMOSTAT COVER TO RESERVOIR STUD
11	12-20084		2	WASHER, THERMOSTAT COVER TO RESERVOIR STUD
12	11-35814		2	NUT, THERMOSTAT COVER TO RESERVOIR STUD
13	32-35100A1		2	HOSE, THERMOSTAT COVER TO WATER DISTRIBUTION HOUSING (23")
14	54-32880		4	CLAMP, HOSE ATTACHING
15	52884A1		1	HOUSING ASSEMBLY, WATER DISTRIBUTION (LEFT SIDE)
16	52885A1		1	HOUSING ASSEMBLY, WATER DISTRIBUTION (RIGHT SIDE)
17	22-32802		2	PLUG, PIPE - WATER DISTRIBUTION HOUSING
18	23-52020		4	SLEEVE, WATER DISTRIBUTION HOUSING
19	22-55133		1	TEE, FITTING
20	32-35100A1		1	HOSE, WATER DISTRIBUTION HOUSING TO TEE (20")
21	32-35100A1		1	HOSE, WATER DISTRIBUTION HOUSING TO TEE (2")
22	54-32880		4	CLAMP, HOSE ATTACHING
23	32-55483		1	HOSE, HEAT EXCHANGER END CAP TO TEE (25 3/4")
24	54-32780		2	CLAMP, HOSE ATTACHING
25	16-52988		8	STUD, EXHAUST ELBOW TO EXHAUST MANIFOLD (3 1/4")
26	27-48042		4	GASKET, EXHAUST ELBOW TO EXHAUST MANIFOLD
27	13-37459		8	LOCKWASHER, EXHAUST ELBOW TO STUD
28	11-49838		8	NUT, EXHAUST ELBOW TO STUD

# FRESH WATER COOLING KIT (MARINE 270 AND 325)(TO WATER PUMP)



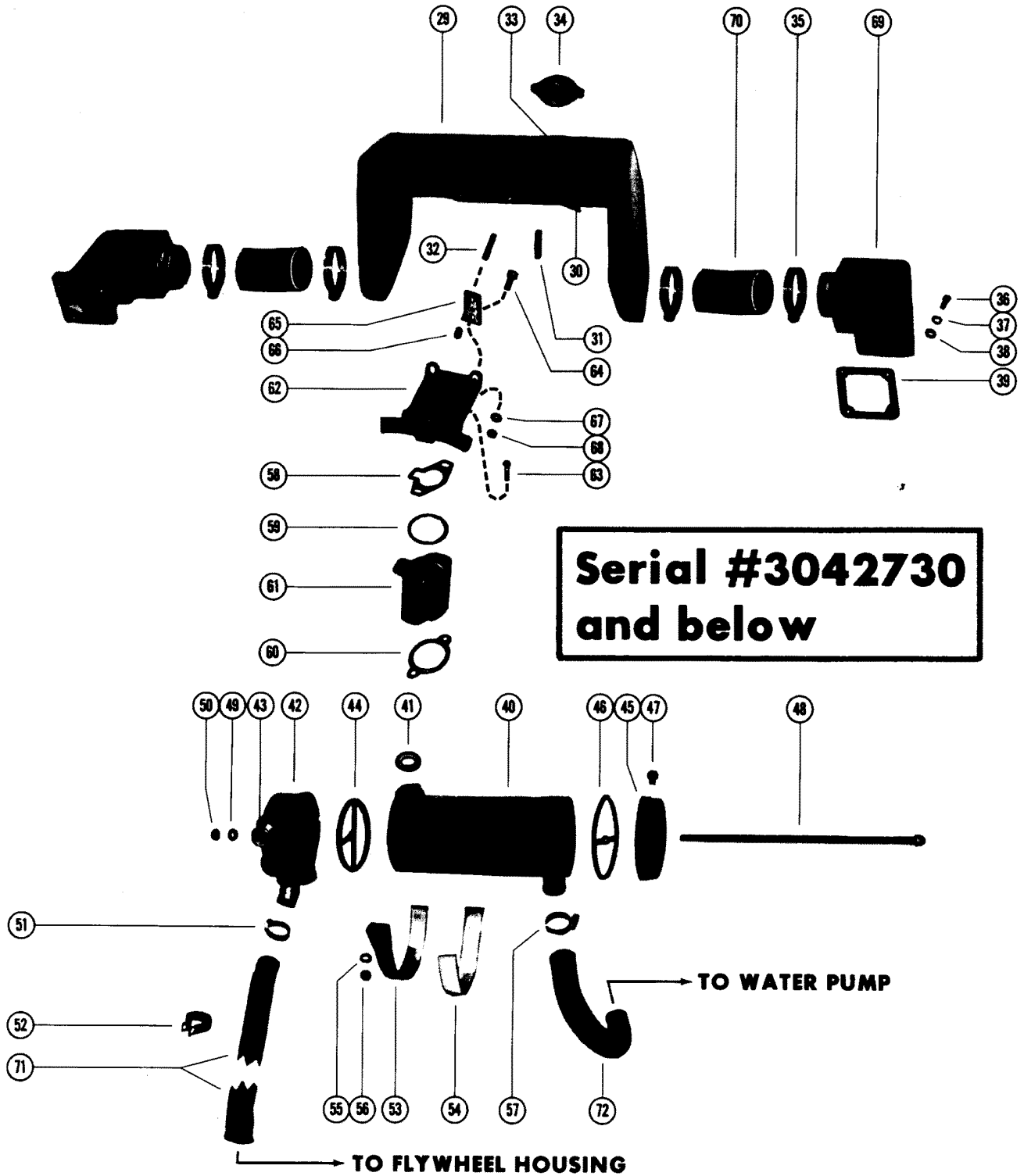


# FRESH WATER COOLING KIT (MARINE 270 AND 325)(TO WATER PUMP)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	<b>55125A9</b>		1, , , ,	<b>FRESH WATER COOLING KIT(SEE NOTE)</b>
29	55125A7		1, , , ,	RESERVOIR ASSEMBLY
-	<b>37-53237</b>		1, , , ,	<b>DECAL, RESERVOIR</b>
30	32-55126		1, , , ,	TUBE, OVERFLOW
31	16-29988		2, , , ,	STUD, HEAT EXCHANGER STRAP TO RESERVOIR (1 9/16")
32	16-21553		2, , , ,	STUD, THERMOSTAT COVER TO RESERVOIR (1 1/2")
33	22-58471		1, , , ,	SLEEVE, WATER FILLER
34	36-55143		1, , , ,	CAP, RESERVOIR WATER FILLER
35	54-38889		4, , , ,	CLAMP, CONNECTOR HOSE
36	10-35386		6, , , ,	SCREW, END CAP TO EXHAUST MANIFOLD (1")
	10-53016		2, , , ,	SCREW, END CAP TO EXHAUST MANIFOLD (1 1/4")
37	13-39107		8, , , ,	LOCKWASHER, END CAP SCREW
38	12-26825		8, , , ,	WASHER, END CAP SCREW
39	27-48043		2, , , ,	GASKET, END CAP TO EXHAUST MANIFOLD
40	55075A1		1, , , ,	HEAT EXCHANGER ASSEMBLY
41	27-55144		1, , , ,	GASKET, HEAT EXCHANGER INLET
42	55208A1		1, , , ,	END CAP ASSEMBLY, HEAT EXCHANGER
43	23-47511		2, , , ,	SLEEVE, END CAP
44	27-55136		1, , , ,	GASKET, END CAP TO HEAT EXCHANGER
45	55129		1, , , ,	END CAP, HEAT EXCHANGER
46	27-55138		1, , , ,	GASKET, END CAP TO HEAT EXCHANGER
47	22-32802		1, , , ,	PLUG, PIPE - END CAP
48	10-55137		1, , , ,	SCREW, END CAP TO HEAT EXCHANGER (14")
49	12-20553		2, , , ,	WASHER, END CAP SCREW
50	11-23161		1, , , ,	NUT, END CAP SCREW
51	54-32780		2, , , ,	CLAMP, HOSE TO END CAP AND FLYWHEEL HOUSING
52	54-47715		1, , , ,	CLIP, HEAT EXCHANGER HOSE TO CRANKCASE
53	55145		2, , , ,	STRAP, MOUNTING - HEAT EXCHANGER TO RESERVOIR
54	55124		2, , , ,	PADDING, MOUNTING STRAP
55	12-20084		2, , , ,	WASHER, MOUNTING STRAP STUD
56	11-25594		2, , , ,	NUT, MOUNTING STRAP STUD
57	54-32781		2, , , ,	CLAMP, HOSE TO HEAT EXCHANGER AND WATER PUMP
58	27-48818		1, , , ,	GASKET, THERMOSTAT HOUSING (UPPER)
59	27-47510		1, , , ,	GASKET, THERMOSTAT (MIDDLE)
60	27-53045		1, , , ,	GASKET, THERMOSTAT HOUSING TO MANIFOLD (LOWER)
-	<b>58105A1</b>		, 1, , ,	<b>INSTALLATION KIT, COOLING (MARINE 270)</b>
-	<b>58106A1</b>		, , 1, ,	<b>INSTALLATION KIT, COOLING (MARINE INBOARD 270)</b>
-	<b>58107A1</b>		, , , L,	<b>INSTALLATION KIT, COOLING (MARINE 325)</b>
-	<b>58108A1</b>		, , , , 1	<b>INSTALLATION KIT, COOLING (MARINE INBOARD 325)</b>
61	55132		, 1, 1, ,	HOUSING, THERMOSTAT
	55131		, , , 1, 1	HOUSING, THERMOSTAT
62	55141		, 1, , ,	COVER, THERMOSTAT

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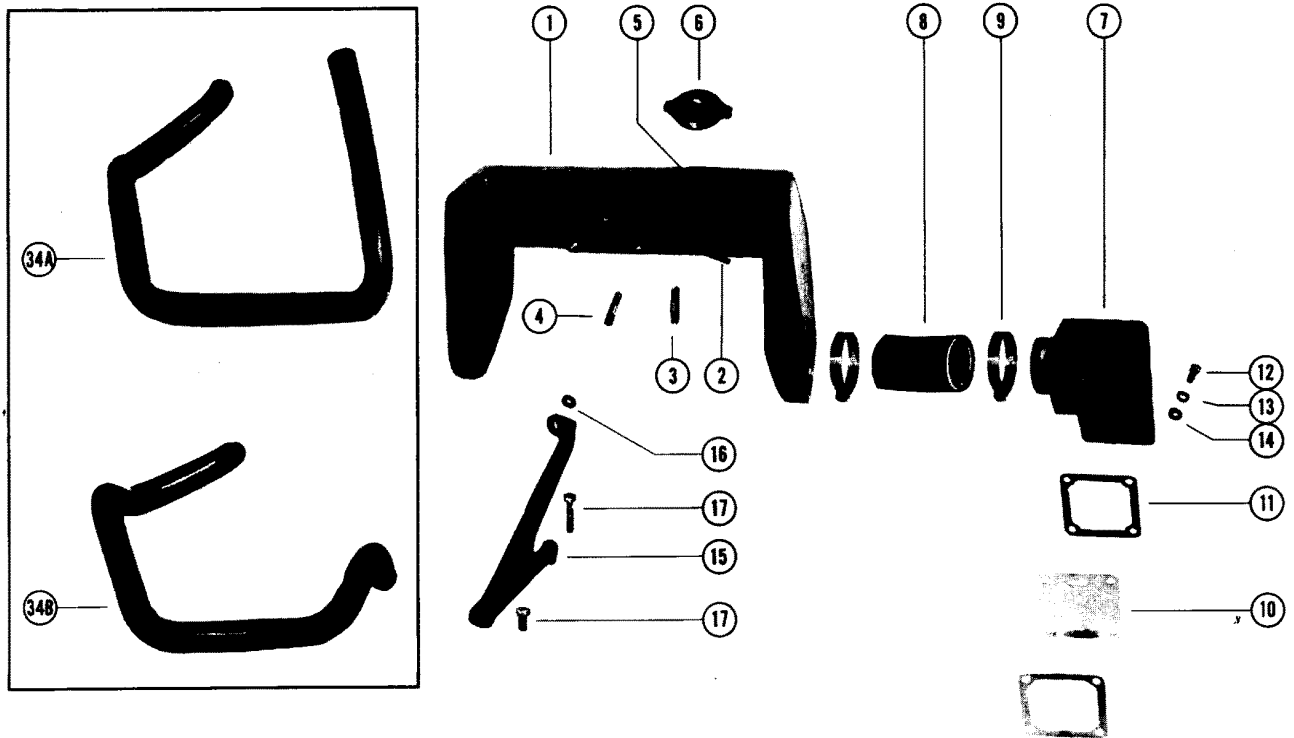
# FRESH WATER COOLING KIT (MARINE 270 AND 325)(TO WATER PUMP)



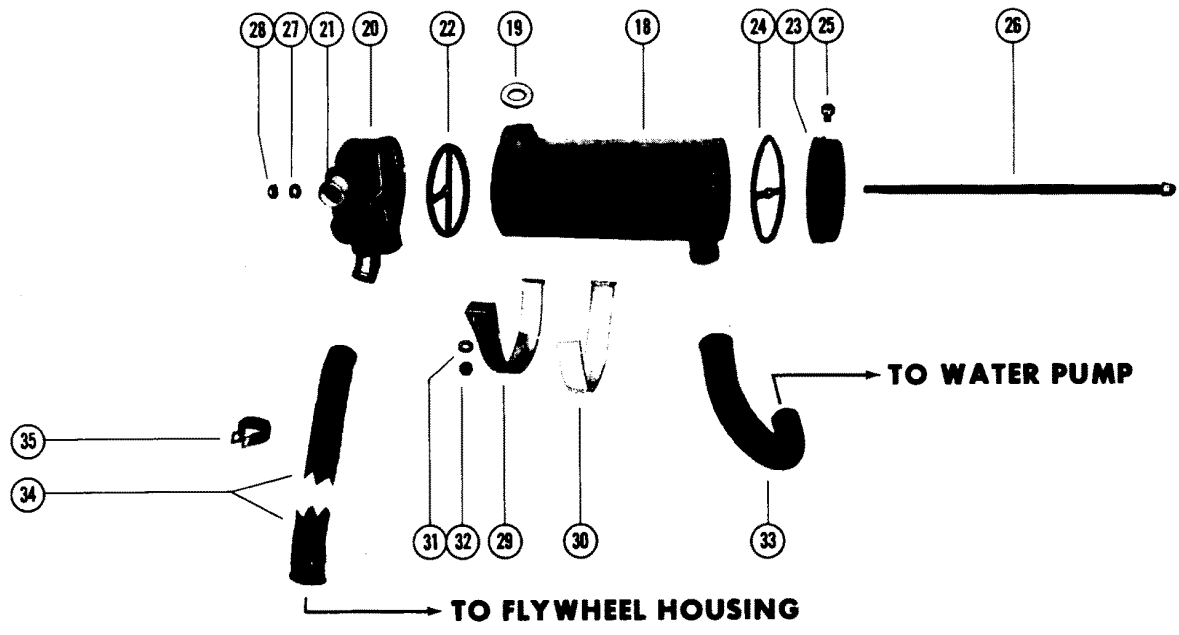
## FRESH WATER COOLING KIT (MARINE 270 AND 325)(TO WATER PUMP)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
62	55142		,,1,,	COVER,THERMOSTAT
	55139		,,,1,	COVER,THERMOSTAT
	55140		,,,,1	COVER,THERMOSTAT
63	10-35785		,,,,2	SCREW,THERMOSTAT HOUSING COVER TO INTAKE MANIFOLD (3 1/4")
64	10-24234		,,,,2	SCREW, BRACKET TO THERMOSTAT HOUSING (1")
65	60422		,,,,2	PLATE, ADAPTOR - RESERVOIR MOUNTING STUD
66	23-60455		,,,,2	BUSHING, RESERVOIR MOUNTING STUD
67	12-20084		,,,,2	WASHER, BRACKET SCREW
68	11-21908		,,,,2	NUT, BRACKET SCREW
69	55128		,2,2,,	END CAP, EXHAUST MANIFOLD AND RESERVOIR
	55127		,,,2,2	END CAP, EXHAUST MANIFOLD AND RESERVOIR
70	32-57929-3		,2,2,2,2	HOSE,CONNECTOR - END CAP TO RESERVOIR (2")
71	32-55483		,1,1,,	HOSE,HEAT EXCHANGER END CAP TO FLYWHEEL HOUSING (48")
	32-47650		,,,1,	HOSE,HEAT EXCHANGER END CAP TO FLYWHEEL HOUSING
	32-60125		,,,,1	HOSE,HEAT EXCHANGER END CAP TO FLYWHEEL HOUSING (37")
72	32-55679		,1,1,,	HOSE,HEAT EXCHANGER TO WATER PUMP
	32-55317		,,,1,1	HOSE,HEAT EXCHANGER TO WATER PUMP

# FRESH WATER COOLING KIT (MARINE 215)(TO WATER PUMP)



**Serial #3040410 and below**

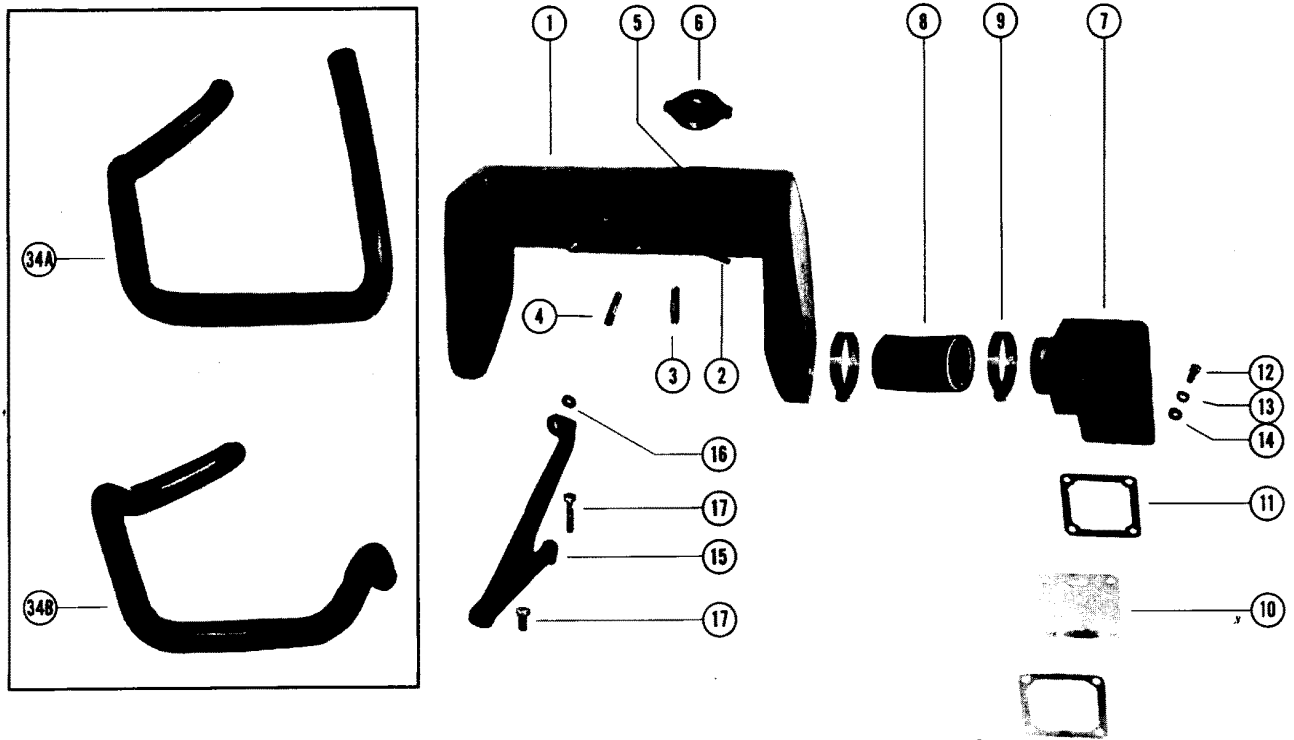


# FRESH WATER COOLING KIT (MARINE 215)(TO WATER PUMP)

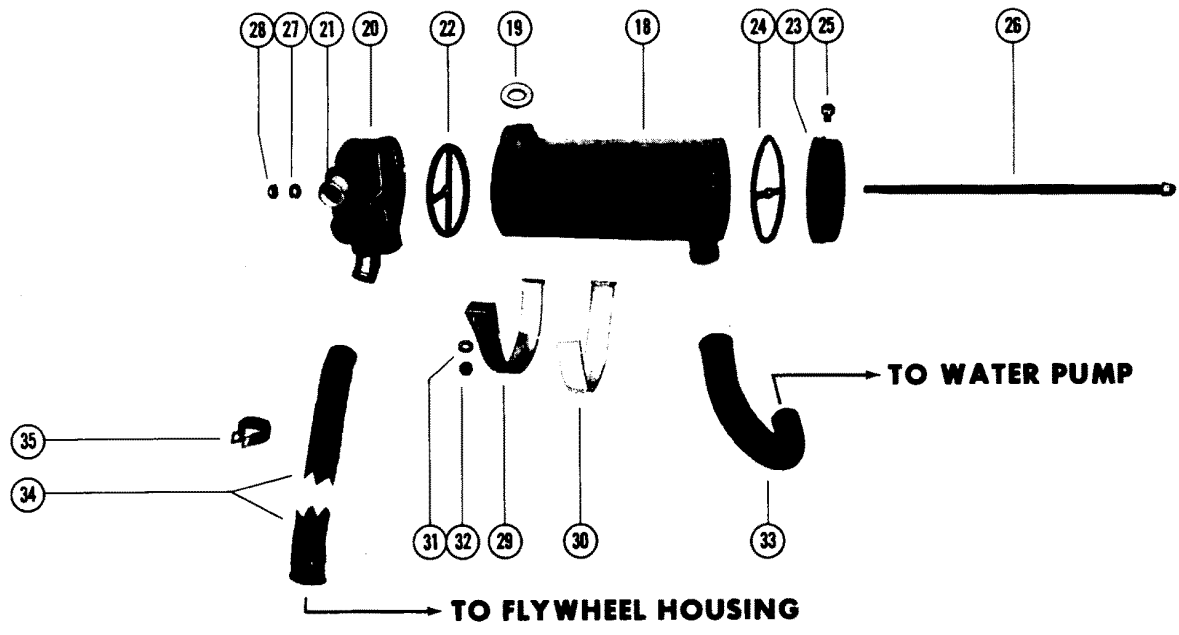
REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	55125A4		1	FRESH WATER COOLING KIT (SEE NOTE)
1	55125A7		1	RESERVOIR ASSEMBLY
-	37-53237		1	DECAL, RESERVOIR
2	32-55126		1	TUBE, OVERFLOW
3	16-29988		2	STUD, HEAT EXCHANGER STRAP TO RESERVOIR (1 9/16")
4	16-21553		1	STUD, THERMOSTAT COVER TO RESERVOIR (1 1/2")
5	22-58471		1	SLEEVE, WATER FILLER
6	36-55143		1	CAP, RESERVOIR WATER FILLER
7	55128		2	END CAP, EXHAUST MANIFOLD AND RESERVOIR
8	32-57929-3		2	HOSE, CONNECTOR - END CAP TO RESERVOIR
9	54-38889		4	CLAMP, CONNECTOR HOSE TO END CAP AND RESERVOIR
10	58652		2	PLATE, END CAP TO EXHAUST MANIFOLD
11	27-48043		6	GASKET, END CAP TO EXHAUST MANIFOLD
12	10-53016		6	SCREW, END CAP TO EXHAUST MANIFOLD (1 1/4")
	10-20362		2	SCREW, END CAP TO EXHAUST MANIFOLD (1 1/2")
13	13-39107		8	LOCKWASHER, END CAP SCREW
14	12-26825		8	WASHER, END CAP SCREW
15	57925		1	BRACE, RESERVOIR TO INTAKE MANIFOLD (MERCURISER)
	57926		1	BRACE, RE SERVOIR TO INTAKE MANIFOLD (INBOARD)
16	12-20722		1	WASHER, BRACE TO RESERVOIR
17	10-57841		1	SCREW, BRACE TO INTAKE MANIFOLD (2 3/4")
	10-20359		1	SCREW, BRACE TO INTAKE MANIFOLD (1")
18	55075A1		1	HEAT EXCHANGER ASSEMBLY
19	27-55144		1	GASKET, HEAT EXCHANGER INLET
20	55208A1		1	END CAP ASSEMBLY, HEAT EXCHANGER
21	23-47511		2	SLEEVE, END CAP
22	27-55136		1	GASKET, END CAP TO HEAT EXCHANGER
23	55129		1	END CAP, HEAT EXCHANGER
24	27-55138		1	GASKET, END CAP TO HEAT EXCHANGER
25	22-32802		1	PLUG, PIPE - END CAP
26	10-55137		1	SCREW, END CAP TO HEAT EXCHANGER (14")
27	12-20553		2	WASHER, END CAP SCREW
28	11-23161		1	NUT, END CAP SCREW
29	55145		2	STRAP, MOUNTING - HEAT EXCHANGER TO RESERVOIR
30	55124		2	PADDING, MOUNTING STRAP
31	12-20084		2	WASHER, MOUNTING STRAP STUD
32	11-25594		2	NUT, MOUNTING STRAP STUD

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# FRESH WATER COOLING KIT (MARINE 215)(TO WATER PUMP)



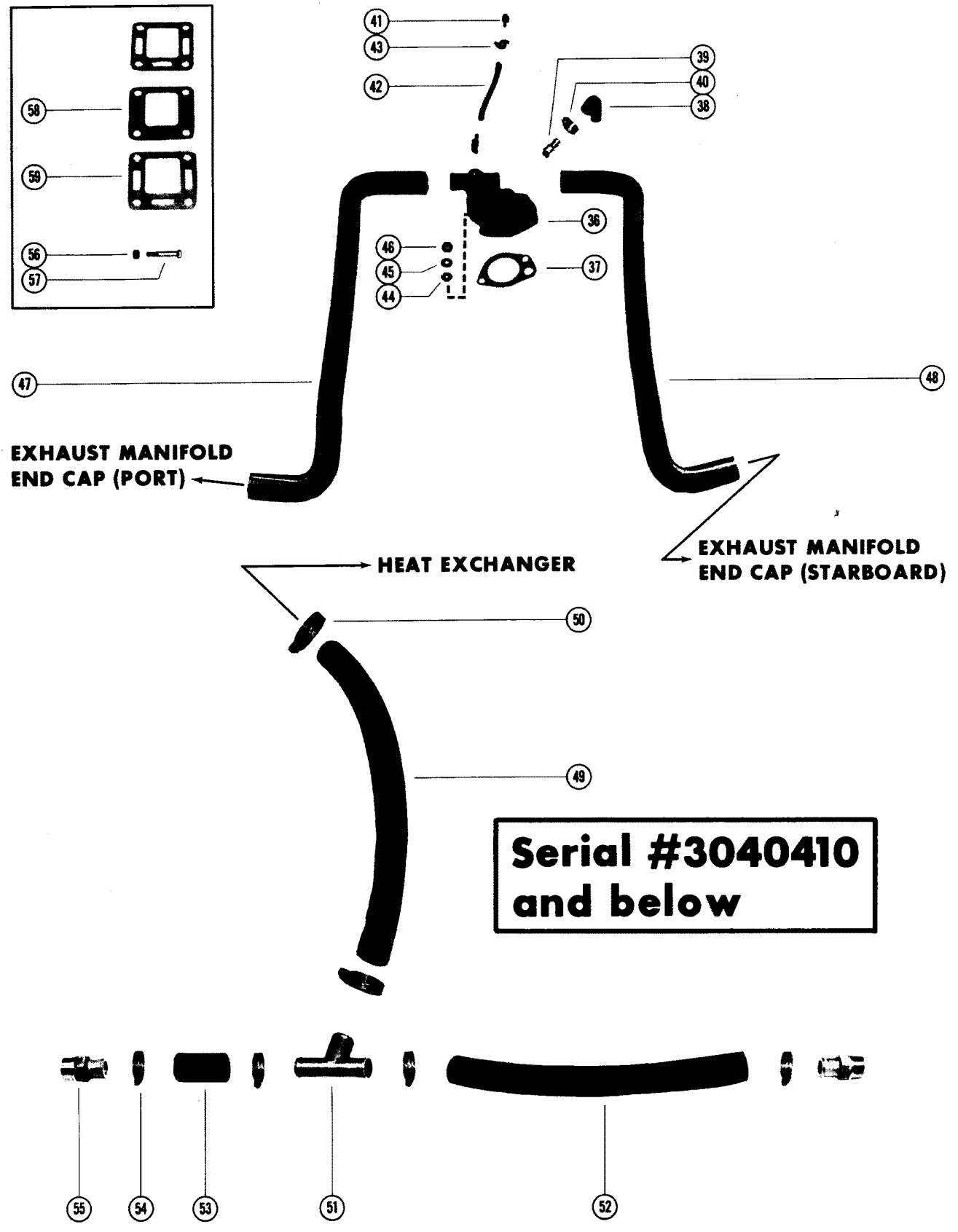
**Serial #3040410 and below**



# FRESH WATER COOLING KIT (MARINE 215)(TO WATER PUMP)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
33	32-57778		1	HOSE, HEAT EXCHANGER TO WATER PUMP
34	32-60125		1	HOSE, HEAT EXCH. TO POWER STEERING OIL COOLER (48") SEE CHART
34A	32-57774		1	HOSE, HEAT EXCH. TO FLYWHEEL HOUSING SEE CHART
34B	32-57775		1	HOSE, HEAT EXCH. TO WATER PUMP SEE CHART
35	54-58608		1	CLIP, HEAT EXCHANGER HOSE

# FRESH WATER COOLING KIT (MARINE 215)(TO HEAT EXCHANGE)

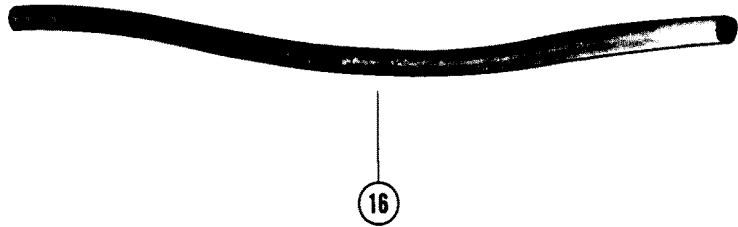
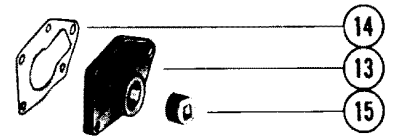
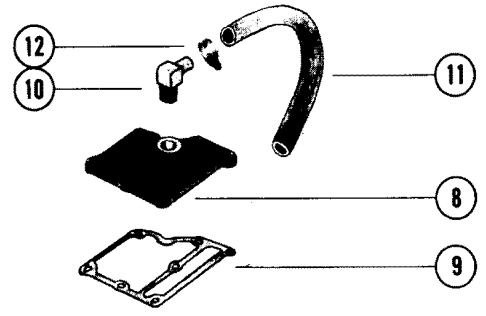
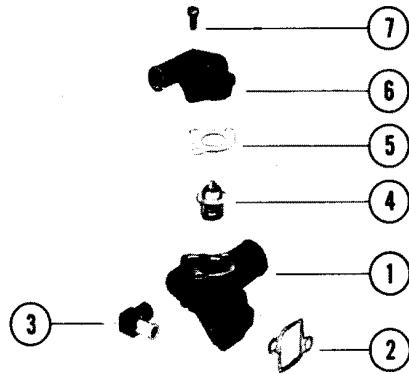
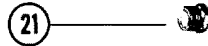
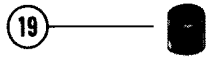
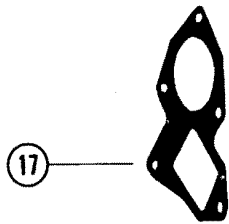




## FRESH WATER COOLING KIT (MARINE 215)(TO HEAT EXCHANGE)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	55125A4		1	FRESH WATER COOLING KIT {SEE NOTE BELOW}
36	57619		1	COVER, THERMOSTAT
37	27-54505		1	GASKET, THERMOSTAT COVER
38	32-57805		1	HOSE, WATER PUMP TO THERMOSTAT COVER
39	22-38939		2	FITTING, BAYONET - THERMOSTAT COVER AND WATER PUMP
40	54-38819		2	CLAMP, HOSE TO WATER PUMP AND THERMOSTAT COVER
41	22-54139		2	FITTING, BLEED HOSE TO THERMOSTAT COVER AND RESERVOIR
42	32-52742A1		1	HOSE, BLEED - THERMOSTAT COVER TO RESERVOIR (7 1/2")
43	54-20387		2	CLAMP, BLEED HOSE TO FITTINGS
44	12-30771		1	WASHER, FIBER - THERMOSTAT COVER STUD
45	12-20103		1	WASHER, THERMOSTAT COVER STUD
46	11-25594		1	NUT, THERMOSTAT COVER STUD
47	32-57777		1	HOSE, THERMOSTAT COVER TO PORT EXHAUST MANIFOLD
48	32-57776		1	HOSE, THERMOSTAT COVER TO STARBOARD EXHAUST MANIFOLD
49	32-55483		1	HOSE, HEAT EXCHANGER END CAP TO TEE (22 1/2")
50	54-32780		2	CLAMP, HOSE ATTACHING
51	22-55133		1	TEE, FITTING
52	32-57980		1	HOSE, STARBOARD EXHAUST ELBOW TO TEE (14")
53	32-55483		1	HOSE, PORT EXHAUST ELBOW TO TEE (2")
54	54-32880		4	CLAMP, HOSE ATTACHING
55	22-58123		2	FITTING, STRAIGHT - EXHAUST ELBOW
56	23-34948		2	SPACER, END CAP AND SOLENOID BRACKET( MERCUISER 215 "E")
57	10-52446		2	SCREW, SOLENOID BRACKET TO END CAP (1 5/8")
58	55730		2	PLATE, EXHAUST ELBOW TO EXHAUST MANIFOLD
59	27-52076		4	GASKET, EXHAUST ELBOW TO EXHAUST MANIFOLD

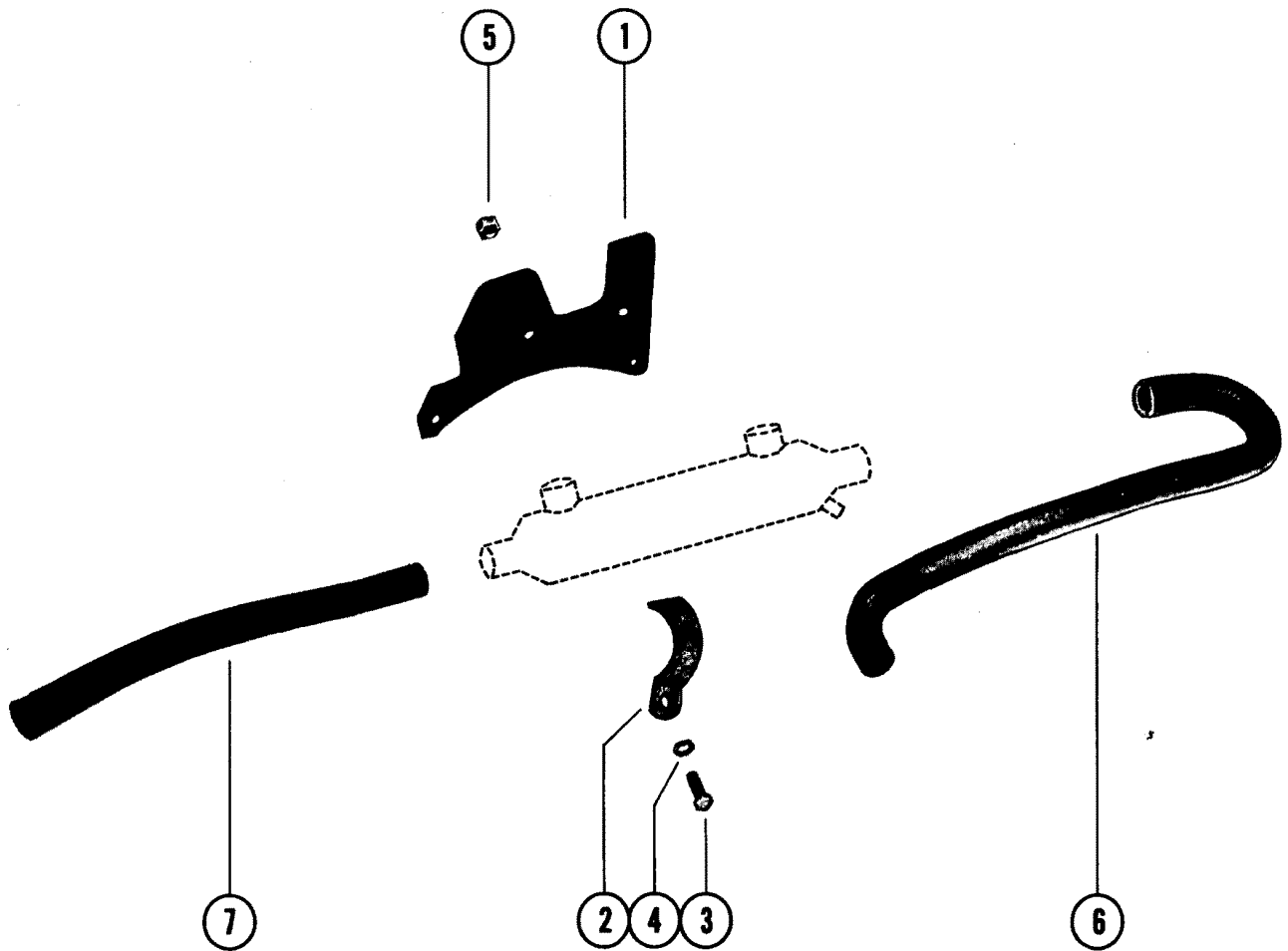
# HI-CAPACITY COOLING KIT



# HI-CAPACITY COOLING KIT

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	<b>47587A1</b>		<b>1</b>	<b>HI-CAPACITY COOLING KIT</b>
1	47587		1	BLOCK, WATER DISTRIBUTION - CYLINDER HEAD
2	27-33680		1	GASKET, WATER DISTRIBUTION BLOCK
3	22-32715		1	ELBOW, WATER DISTRIBUTION BLOCK
4	47594		1	THERMOSTAT
5	27-47590		1	GASKET, THERMOSTAT COVER
6	47588		1	COVER, THERMOSTAT- WATER DISTRIBUTION BLOCK
7	10-35192		2	SCREW, THERMOSTAT COVER TO WATER DISTRIBUTION BLOCK (3/4")
8	48401		1	COVER, TOP - EXHAUST MANIFOLD
9	27-35144		1	GASKET, TOP COVER
10	22-36305		1	ELBOW, TOP COVER
11	32-48131		1	HOSE, TOP COVER TO WATER DISTRIBUTION BLOCK (10 3/4")
12	54-32880		2	CLAMP, HOSE TO TOP COVER AND WATER DISTRIBUTION BLOCK
13	39200		1	COVER, END - EXHAUST MANIFOLD
14	27-35150		1	GASKET, END COVER - EXHAUST MANIFOLD
15	22-33198		1	PLUG, PIPE - END COVER
16	32-39315A1		1	HOSE, WATER DISTRIBUTION BLOCK TO DRIVE UNIT (44")
17	27-35147		1	GASKET, EXHAUST ELBOW TO THERMOSTAT CONTAINER
18	36525		1	WATER TEMPERATURE SENDER ASSEMBLY
19	48799		1	CAP, MANIFOLD WATER INLET CONNECTOR
20	22-32802		1	PLUG, PIPE - THERMOSTAT CONTAINER (1/8 - 27)
21	22-32804		1	PLUG, PIPE - EXHAUST ELBOW (1/2 - 14)

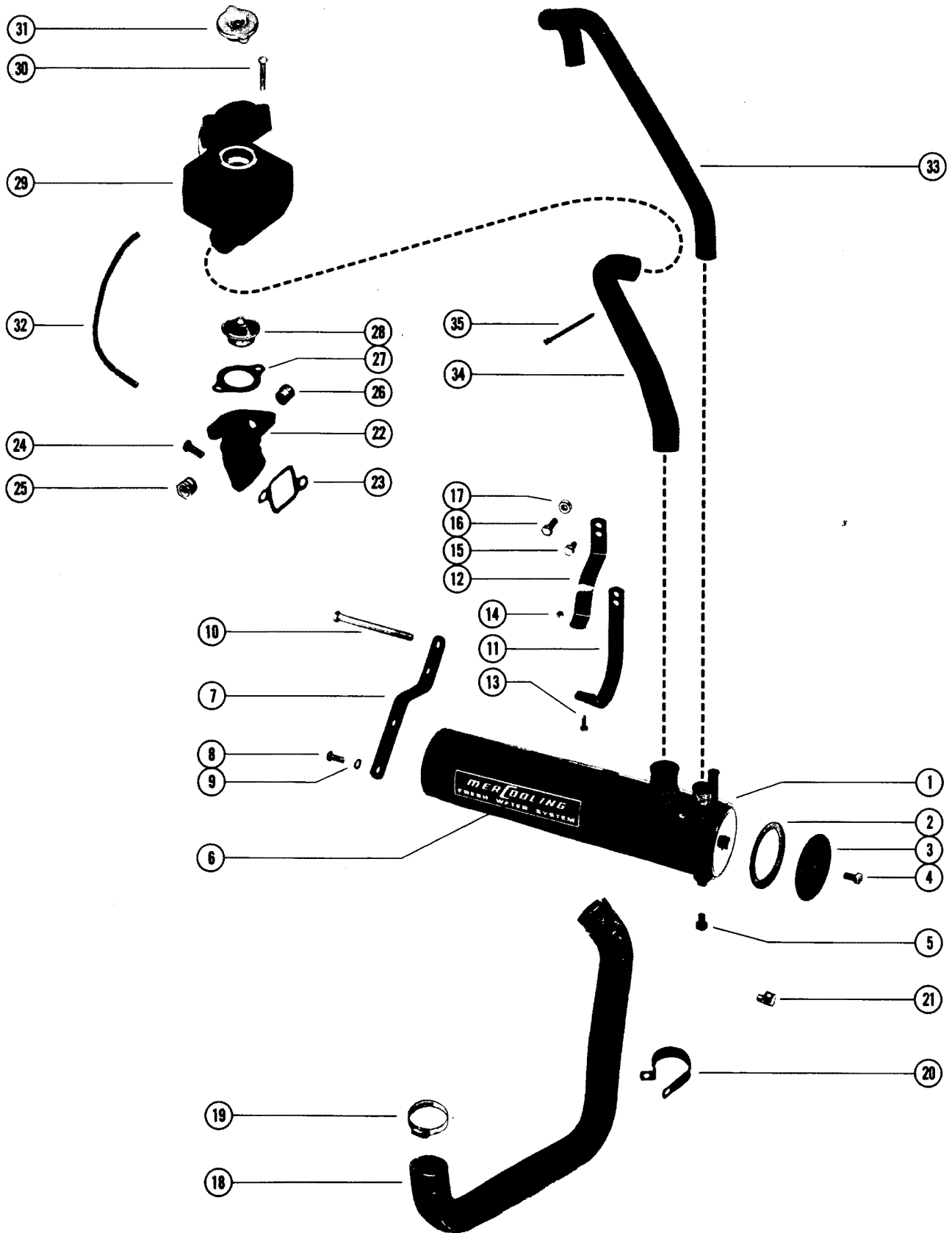
# COOLER MOUNTING KIT (MARINE 120, 140, 160 AND 165)



## COOLER MOUNTING KIT (MARINE 120, 140, 160 AND 165)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	62253A1		1	COOLER MOUNTING KIT (SEE NOTE)
2	54-37631		2	CLAMP, COOLER MOUNTING
3	10-27165		2	SCREW, CLAMP TO MOUNTING BRACKET
4	13-35048		2	LOCKWASHER, CLAMP SCREW
5	11-32219		2	NUT, CLAMP SCREW
6	32-64096		1	HOSE, INLET TO COOLER
7	32-66348		1	HOSE, COOLER TO HEAT EXCHANGER

# FRESH WATER COOLING KIT (MARINE 120, 140, 160 AND 165)

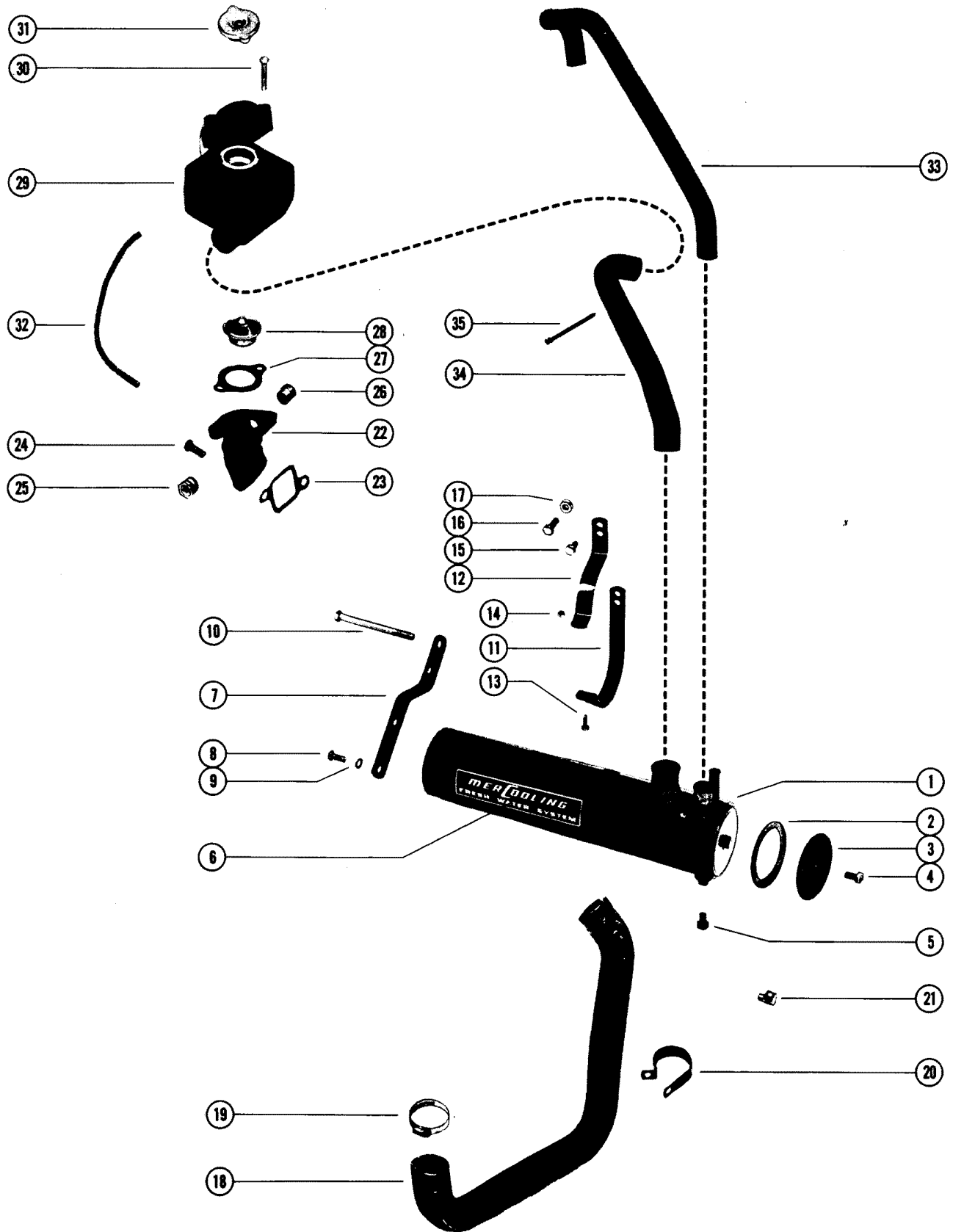


# FRESH WATER COOLING KIT (MARINE 120, 140, 160 AND 165)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	61086A4		1	FRESH WATER COOLING KIT (MARINE 120, 140, 160 AND 165)-SEE NOTE #L
2	27-65128		1	GASKET, HEAT EXCHANGER END
3	66221		1	CAP, HEAT EXCHANGER END
4	10-66223		1	SCREW, CAP AND GASKET TO HEAT EXCHANGER
5	22-65129		1	ZINC ANODE, SEA WATER DRAIN
6	37-53237		1	DECAL, HEAT EXCHANGER
7	61895		1	BRACKET, MOUNTING - HEAT EXCHANGER TO ENGINE (FRONT)
8	10-27165		2	SCREW, FRONT MOUNTING BRACKET TO HEAT EXCHANGER (3/4")
9	13-37459		2	LOCKWASHER, FRONT MOUNTING BRACKET TO HEAT EXCHANGER SCREW
10	10-36359		2	SCREW, FRONT MOUNTING BRACKET TO ENGINE (5")
11	61899		1	BRACKET, MOUNTING - HEAT EXCHANGER TO ENGINE (REAR LOWER)
12	61897		1	BRACKET, MOUNTING - HEAT EXCHANGER TO ENGINE (REAR UPPER)
13	10-21625		1	SCREW, MOUNTING BRACKET ATTACHING (3/4")
14	11-20664		1	NUT, MOUNTING BRACKET ATTACHING SCREW
15	10-21077		1	SCREW, MOUNTING BRACKET TO ENGINE (7/8") - MARINE 120, 140
16	10-26632		1	SCREW, MOUNTING BRACKET TO ENGINE (1 1/4") - MARINE 165
17	23-57369		1	SPACER, MOUNTING BRACKET TO ENGINE SCREW( MARINE 165)
18	32-62250		1	HOSE, HEAT EXCHANGER TO WATER CIRCULATING PUMP
19	54-32781		2	CLAMP, HEAT EXCHANGER TO WATER CIRCULATING PUMP HOSE
20	54-62494		1	CLAMP, HOSE TO ENGINE MOUNTING SCREW
21	22-49676		1	ELBOW, FUEL LINE (90 DEGREES)
22	68673A1		1	THERMOSTAT HOUSING ASSEMBLY
23	27-33680		1	GASKET, THERMOSTAT HOUSING TO CYLINDER BLOCK
24	10-20359		1	SCREW, THERMOSTAT HOUSING TO CYLINDER BLOCK (1")
	10-37612		1	SCREW, THERMOSTAT HOUSING TO CYLINDER BLOCK (1 1/4")
25	22-52382		1	BUSHING, REDUCER - WATER TEMPERATURE SENDER
26	22-32804		1	PLUG, THERMOSTAT HOUSING
27	27-33918		1	GASKET, RESERVOIR TO THERMOSTAT HOUSING
28	59137		1	THERMOSTAT
29	61893A1		1	RESERVOIR ASSEMBLY
30	10-35870		2	SCREW, RESERVOIR TO THERMOSTAT HOUSING (2")
31	36-55143		1	CAP, PRESSURE - HEAT EXCHANGER

CONTINUED ON NEXT PAGE ➡

# FRESH WATER COOLING KIT (MARINE 120, 140, 160 AND 165)

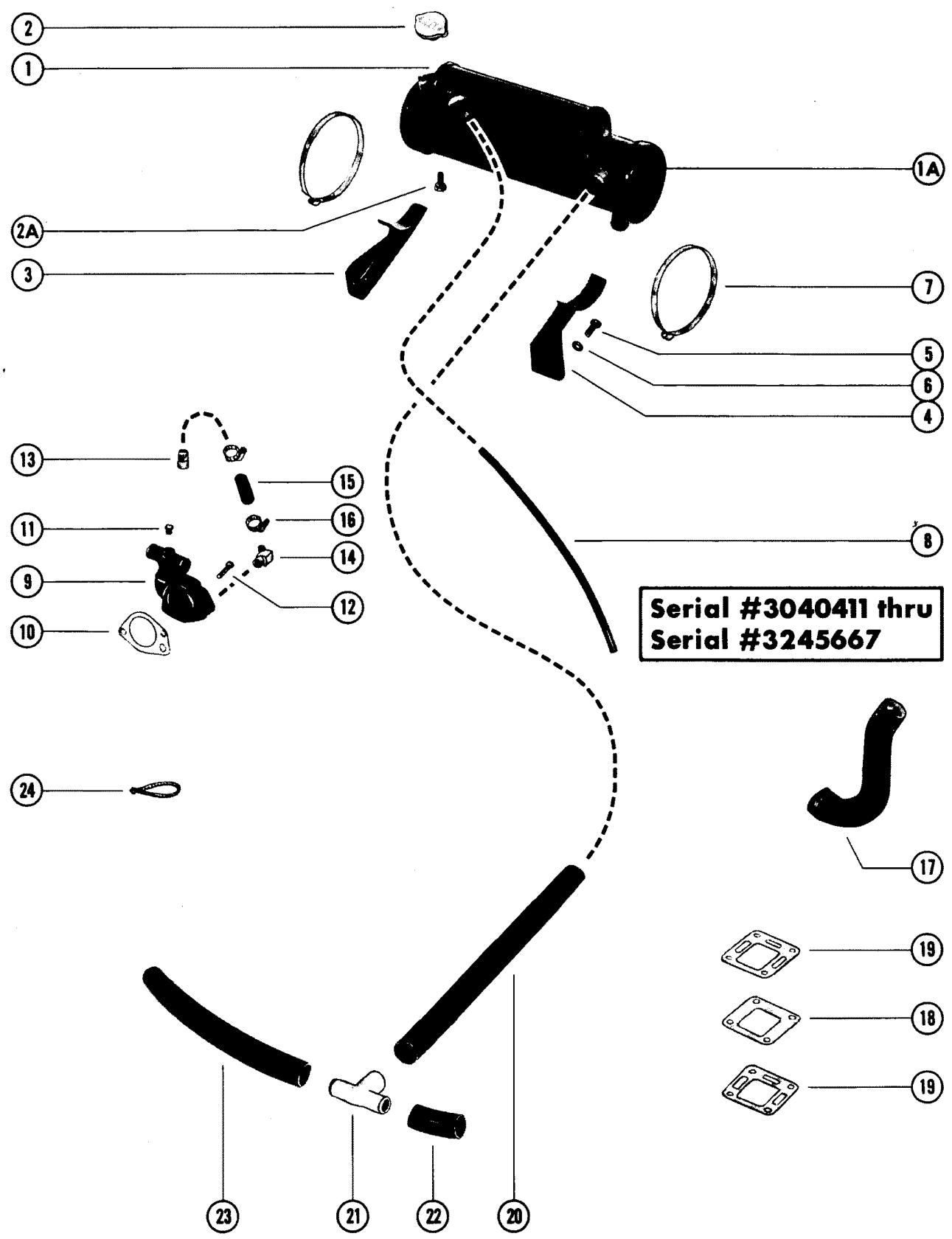




## FRESH WATER COOLING KIT (MARINE 120, 140, 160 AND 165)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
32	32-61115		1	HOSE, OVERFLOW
33	32-62206		1	HOSE, HEAT EXCHANGER TO EXHAUST MANIFOLD
34	32-62205		1	HOSE, HEAT EXCHANGER TO RESERVOIR
35	62711		1	STA-STRAP, RESERVOIR AND EXHAUST MANIFOLD HOSE
-	<b>71587A2</b>		<b>1</b>	<b>COOLANT RECOVERY KIT (SEE NOTE #2)</b>

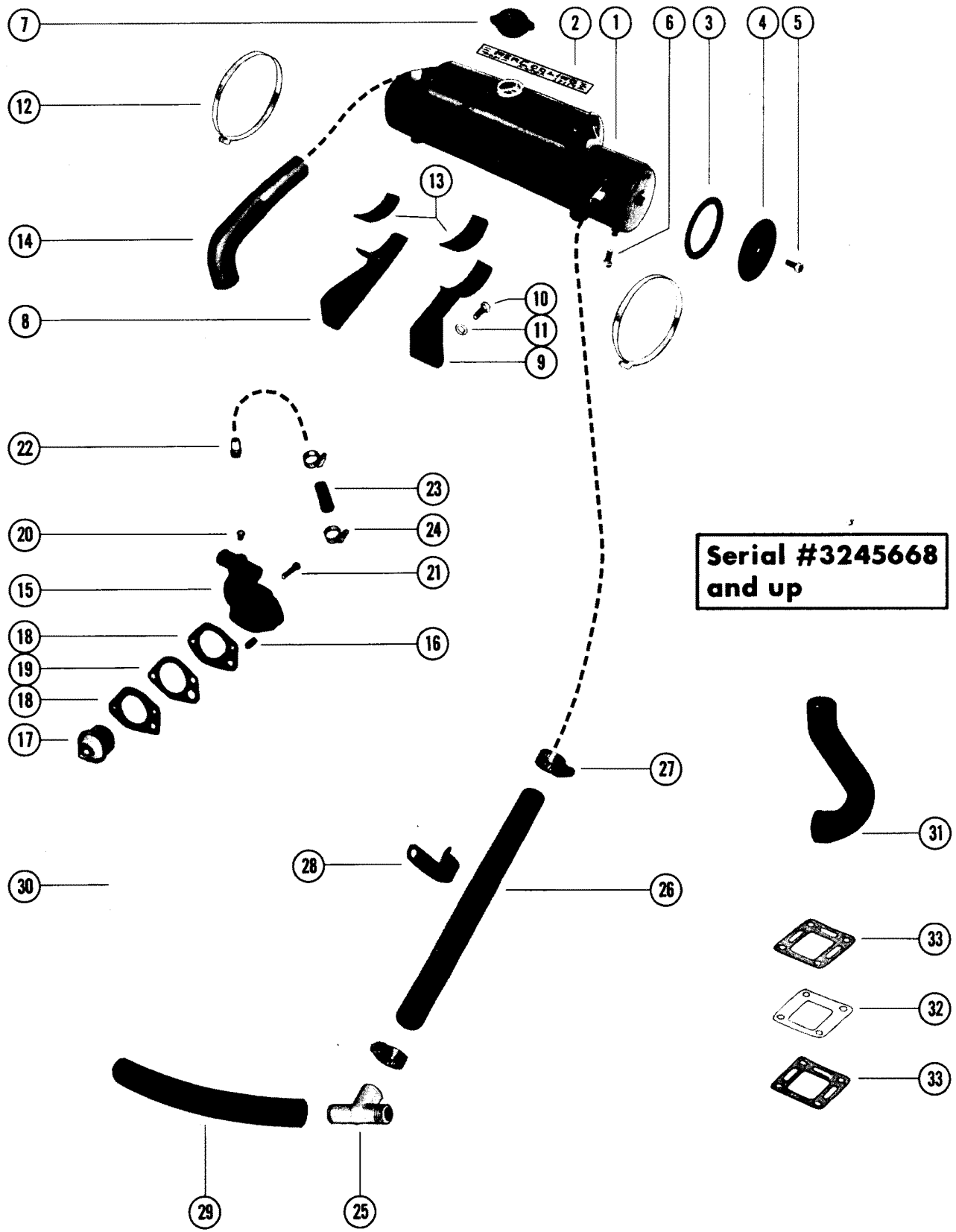
# FRESH WATER COOLING KIT (MARINE 888, AND MIE 215)



## FRESH WATER COOLING KIT (MARINE 888, AND MIE 215)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	61418A1		1	FRESH WATER COOLING KIT (MCM 888,AND MIE 215) - SEE NOTE
1A	65131		1	CAP, HEAT EXCHANGER END
2	36-55143		1	CAP, PRESSURE - HEAT EXCHANGER
2A	22-65132		1	ZINC ANODE, WATER DRAIN
3	61416		1	BRACKET, MOUNTING - (PORT)
4	61417		1	BRACKET, MOUNTING - (STARBOARD)
5	10-47461		2	SCREW, MOUNTING BRACKETS TO ENGINE (1")
6	13-37272		2	LOCKWASHER, MOUNTING BRACKET SCREW
7	54-59381		2	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS
8	32-34395A1		1	HOSE ASSEMBLY, OVERFLOW (17")
9	57619		1	COVER, THERMOSTAT
10	27-54505		1	GASKET, THERMOSTAT COVER
11	22-32802		1	PLUG, PIPE - THERMOSTAT COVER
12	10-31984		1	SCREW, THERMOSTAT COVER TO ENGINE BLOCK (1 3/8")
13	22-30570		1	FITTING, BAYONET - HOSE TO ENGINE WATER PUMP
14	22-38565		1	ELBOW, HOSE TO THERMOSTAT COVER (45°)
15	32-56737		1	HOSE, THERMOSTAT COVER TO ENGINE WATER PUMP (2 1/2")
16	54-38819		2	CLAMP, HOSE TO WATER PUMP AND THERMOSTAT COVER
17	32-57778		1	HOSE, HEAT EXCHANGER TO ENGINE WATER PUMP
18	55730		2	PLATE, FACE - EXHAUST ELBOW
19	27-52076		4	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD
20	32-54862		1	HOSE, HEAT EXCHANGER TO TEE (22 1/2")
21	22-55133		1	TEE, FITTING
22	32-55483		1	HOSE, TEE TO EXHAUST ELBOW (3")
23	32-55483		1	HOSE, TEE TO EXHAUST ELBOW (14")
24	61990		1	STA STRAP

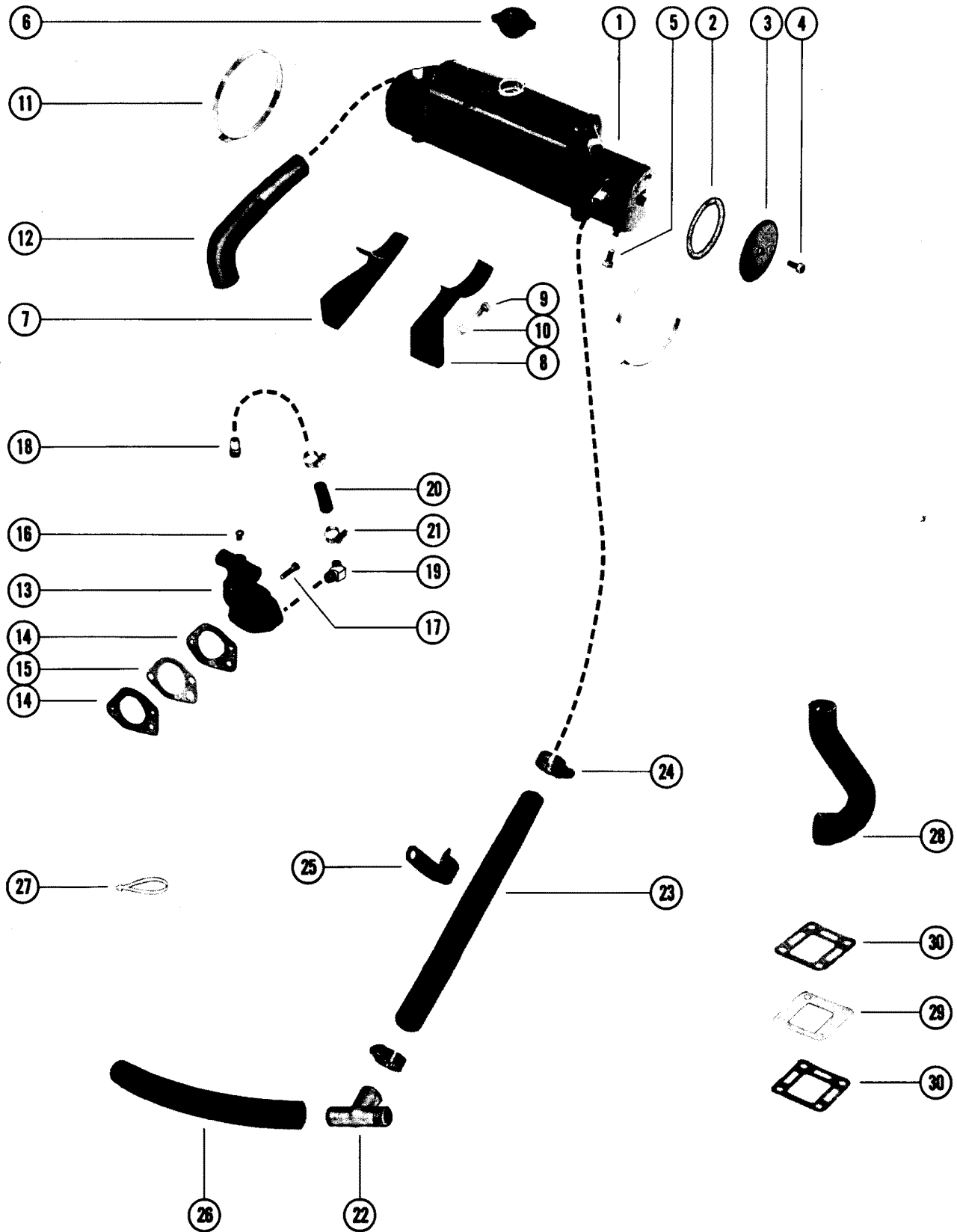
# FRESH WATER COOLING KIT (MARINE 888, 215 AND 225)



## FRESH WATER COOLING KIT (MARINE 888, 215 AND 225)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	62472A3		1	FRESH WATER COOLING KIT (MARINE 888,215 AND 225)-SEE NOTE #1
2	37-53237		1	DECAL, HEAT EXCHANGER
3	27-65128		2	GASKET, HEAT EXCHANGER END
4	66221		2	END CAP, HEAT EXCHANGER
5	10-66223		2	SCREW, END CAP TO HEAT EXCHANGER
6	22-65129		1	ZINC ANODE, SEA WATER DRAIN
7	36-55143		1	CAP, PRESSURE - HEAT EXCHANGER
8	62383		1	BRACKET, MOUNTING (PORT)
9	62382		1	BRACKET, MOUNTING (STARBOARD)
10	10-47461		2	SCREW, MOUNTING BRACKETS TO ENGINE (1")
11	13-37272		2	LOCKWASHER, MOUNTING BRACKET SCREW
12	54-31765		2	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS
13	67467		2	PAD, HEAT EXCHANGER
14	32-60203		1	HOSE, HEAT EXCHANGER TO EXHAUST MANIFOLD
15	67465A1		1	THERMOSTAT HOUSING ASSEMBLY
16	23-67463		1	SLEEVE, THERMOSTAT HOUSING
17	67464		1	THERMOSTAT
18	27-54505		2	GASKET, THERMOSTAT COVER (QUAN. OF L ON LATER KITS)
19	62588		1	PLATE, THERMOSTAT HOUSING (NOT USED ON LATER KITS)
20	22-32802		1	PLUG, PIPE - THERMOSTAT COVER
21	10-73657		1	SCREW, THERMOSTAT COVER TO ENGINE BLOCK (1 1/2")
22	22-30570		2	FITTING, BAYONET - HOSE TO ENGINE WATER PUMP
23	32-47605		1	HOSE, THERMOSTAT COVER TO ENGINE WATER PUMP (5")
24	54-32523		2	CLAMP, HOSE TO WATER PUMP AND THERMOSTAT COVER
25	22-63067		1	TEE, FITTING
26	32-62010		1	HOSE, HEAT EXCHANGER TO TEE (24 1/4")
27	54-32780		2	CLAMP, HEAT EXCHANGER TO TEE HOSE
28	54-63300		2	CLIP, HOSE TO ROCKER COVER
29	32-55483		1	HOSE, TEE TO EXHAUST ELBOW (17")
30	61990		2	STA STRAP
31	32-57778		1	HOSE, HEAT EXCHANGER TO ENGINE WATER PUMP
32	55730		2	PLATE, FACE - EXHAUST ELBOW
33	27-52076		4	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD
-	<b>71587A2</b>		<b>1</b>	<b>COOLANT RECOVERY KIT (SEE NOTE #2)</b>

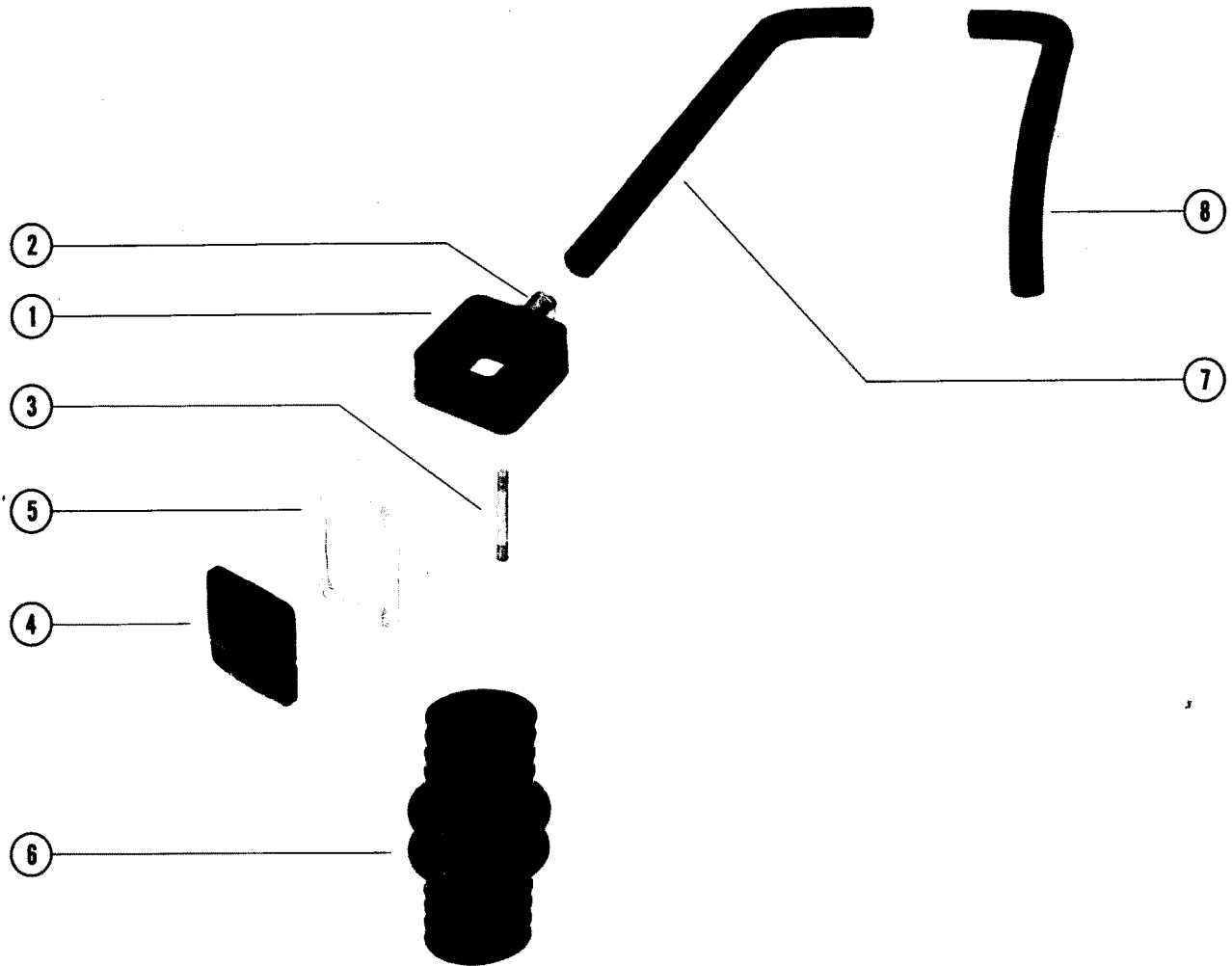
# FRESH WATER COOLING ET (MARINE 255)



## FRESH WATER COOLING ET (MARINE 255)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	61804A1		1	FRESH WATER COOLING KIT (MARINE 255) - SEE NOTE
2	27-65130		2	GASKET, HEAT EXCHANGER END
3	66222		2	END CAP, HEAT EXCHANGER
4	10-66223		2	SCREW, END CAP TO HEAT EXCHANGER
5	22-65129		1	ZINC ANODE, SEA WATER DRAIN
6	36-55143		1	CAP, PRESSURE - HEAT EXCHANGER
7	63895		1	BRACKET, MOUNTING (PORT)
8	63896		1	BRACKET, MOUNTING (STARBOARD)
9	10-47461		2	SCREW, MOUNTING BRACKET TO ENGINE (1")
10	13-37272		2	LOCKWASHER, MOUNTING BRACKET SCREW
11	54-59381		2	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS
12	32-61385		1	HOSE, HEAT EXCHANGER TO EXHAUST MANIFOLD
13	57619		1	COVER, THERMOSTAT
14	27-54505		2	GASKET, THERMOSTAT COVER
15	62588		2	PLATE, THERMOSTAT HOUSING
16	22-32802		1	PLUG, PIPE - THERMOSTAT COVER
17	10-35385		1	SCREW, THERMOSTAT COVER TO ENGINE BLOCK (1 3/4")
18	22-30570		1	FITTING, BAYONET - HOSE TO ENGINE WATER PUMP
19	22-60522		1	ELBOW, HOSE TO THERMOSTAT COVER (45 DEGREES)
20	32-56737		1	HOSE, THERMOSTAT COVER TO ENGINE WATER PUMP (4")
21	54-38819		2	CLAMP, HOSE TO WATER PUMP AND THERMOSTAT COVER
22	22-63067		1	TEE, FITTING
23	32-54862		1	HOSE, HEAT EXCHANGER TO TEE (24 1/4")
24	54-32780		2	CLAMP, HEAT EXCHANGER TO TEE HOSE
25	54-63300		2	CLIP, HOSE TO ROCKER COVER
26	32-55483		1	HOSE, TEE TO EXHAUST ELBOW (19")
27	61990		1	STA STRAP
28	32-57778		1	HOSE, HEAT EXCHANGER TO ENGINE WATER PUMP
29	55730		2	PLATE, FACE - EXHAUST ELBOW
30	27-52076		4	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD

# INSTALLATION KIT (MARINE 225 AND 255)

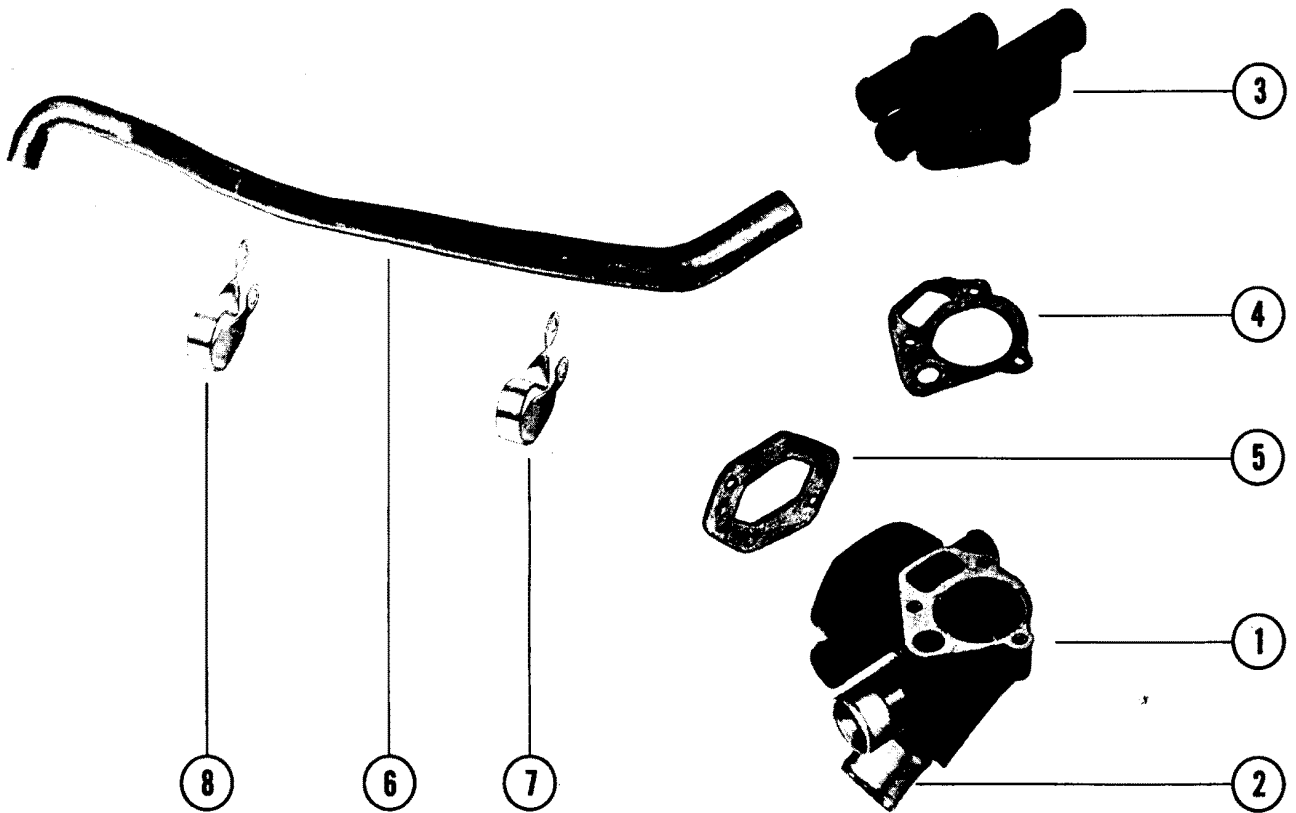




## INSTALLATION KIT (MARINE 225 AND 255)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	63675A1		1	INSTALLATION KIT, COOLING (MCM 225 AND 255) - SEE NOTE
1	61937A1		2	WATER DISTRIBUTION HOUSING ASSEMBLY
2	23-52020		2	SLEEVE, WATER DISTRIBUTION HOUSING
3	16-52988		8	STUD, EXHAUST MANIFOLD TO EXHAUST ELBOW
4	54870		2	END CAP, EXHAUST MANIFOLD - REAR
5	27-48043		2	GASKET, END CAP TO EXHAUST MANIFOLD
6	62181		2	BELLOWS, EXHAUST
7	32-57777		1	HOSE, PORT - THERMOSTAT HSG. TO DISTRIBUTION HSG.
8	32-57776		1	HOSE, STARBOARD - THERMOSTAT HSG. TO DISTRIBUTION HSG.

# HEAVY DUTY COOLING KIT

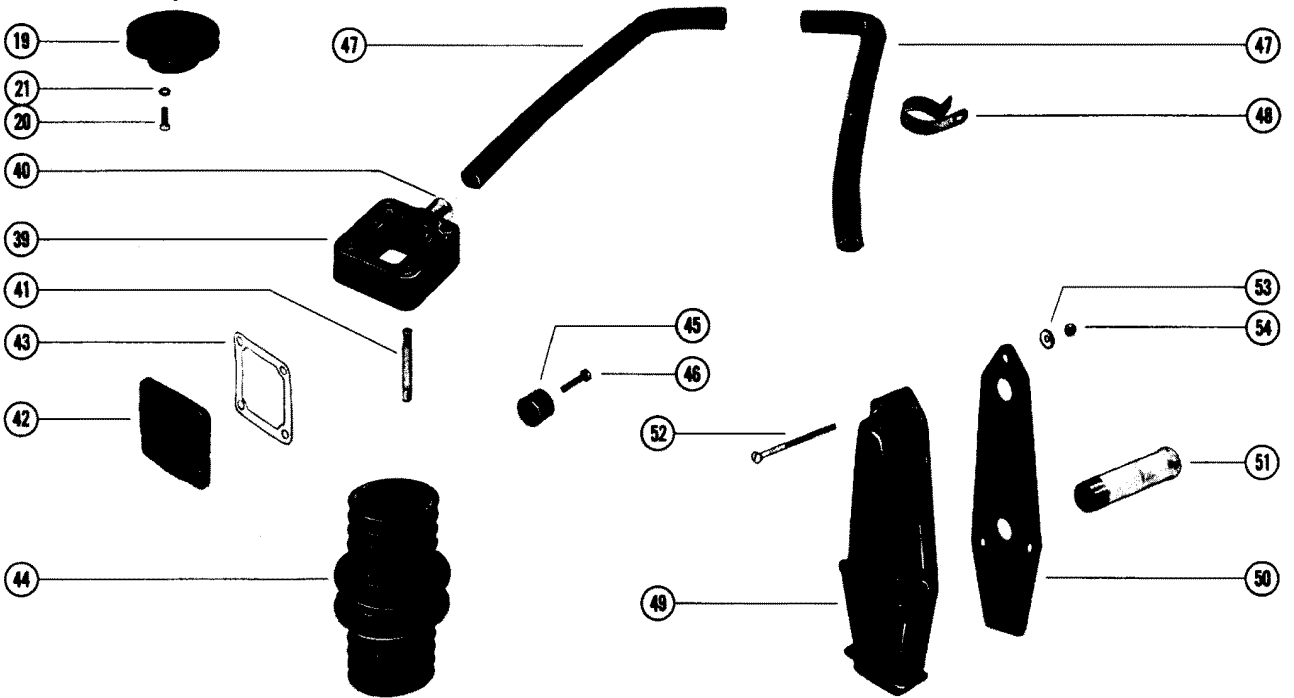
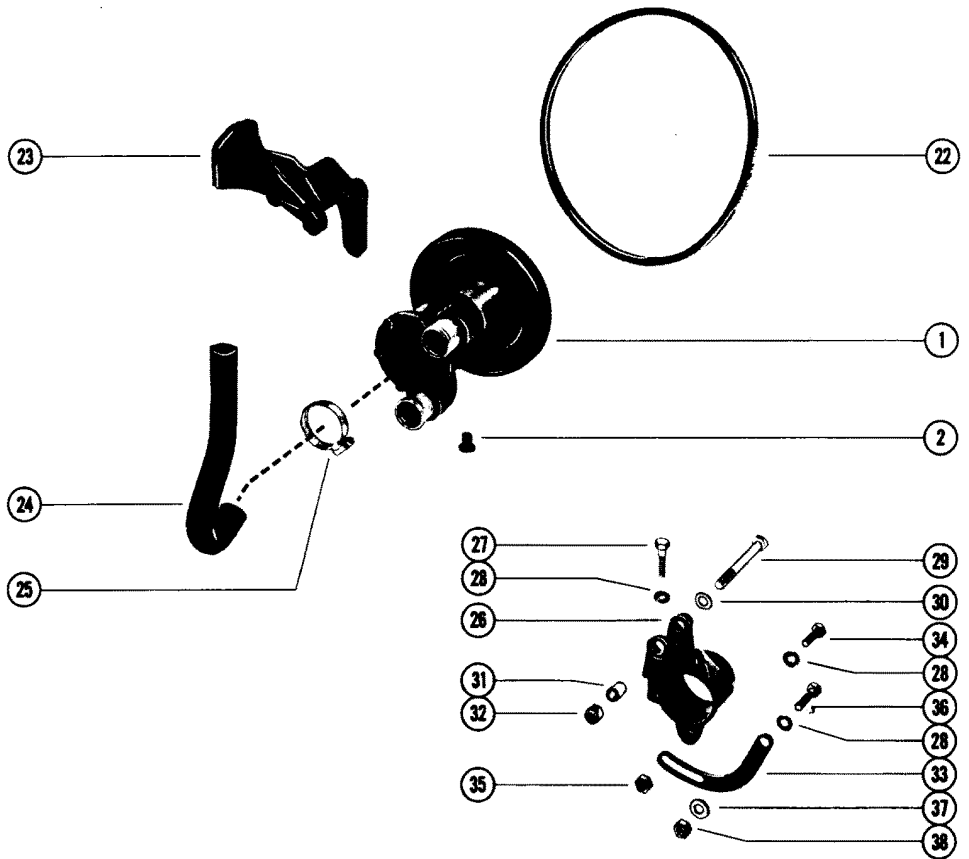
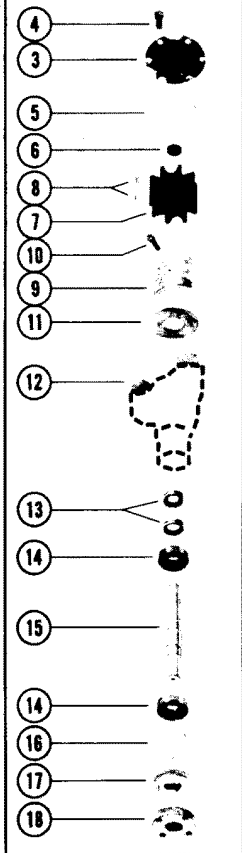


## HEAVY DUTY COOLING KIT

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	<b>63918A1</b>		<b>1</b>	<b>HEAVY DUTY COOLING KIT(SEE NOTE)</b>
1	59497A1		1	THERMOSTAT HOUSING ASSEMBLY
2	23-54476		1	SLEEVE, THERMOSTAT HOUSING
3	62898		1	COVER, THERMOSTAT
4	27-54506		1	GASKET, THERMOSTAT HOUSING
5	27-60208		1	GASKET, THERMOSTAT COVER
6	32-63576A1		1	HOSE ASSEMBLY, HOUSING TO WATER PICKUP TUBE
7	54-64488		1	CLAMP, HOSE TO CYLINDER BLOCK (REAR)
8	54-64489		1	CLAMP, HOSE TO CYLINDER BLOCK (FRONT)

# INSTALLATION KIT (MARINE 888)

## BREAKDOWN OF WATER PUMP

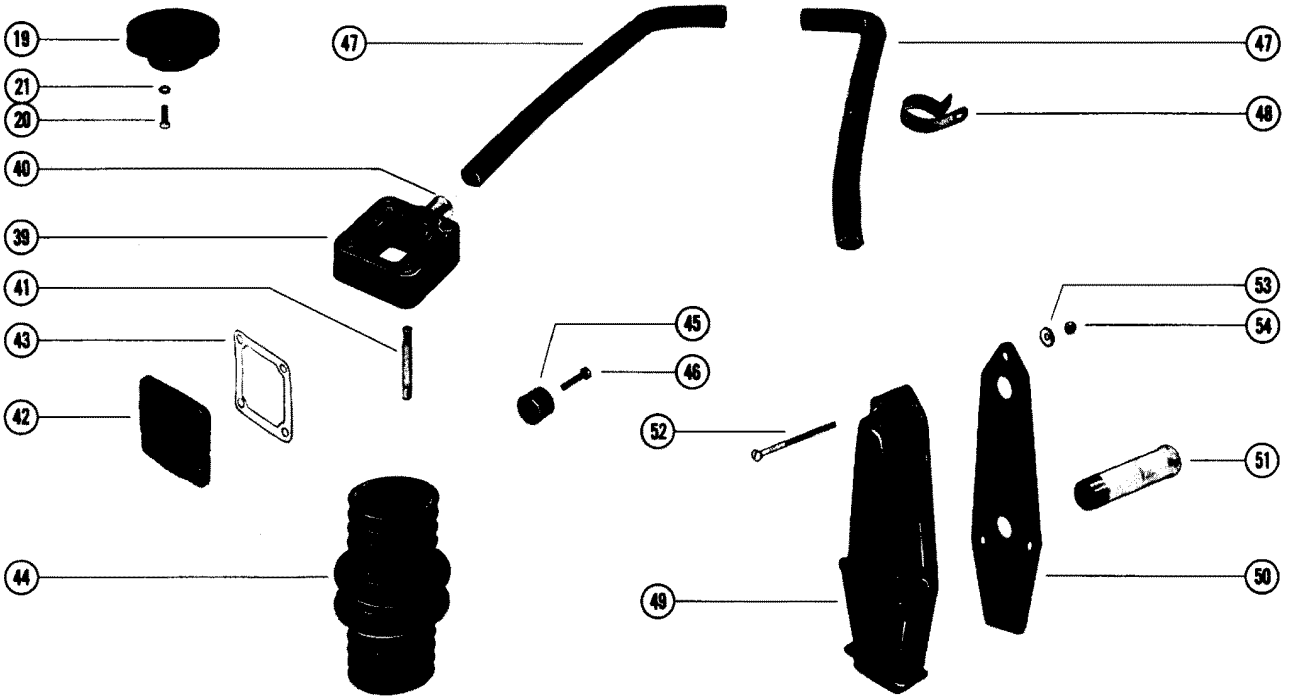
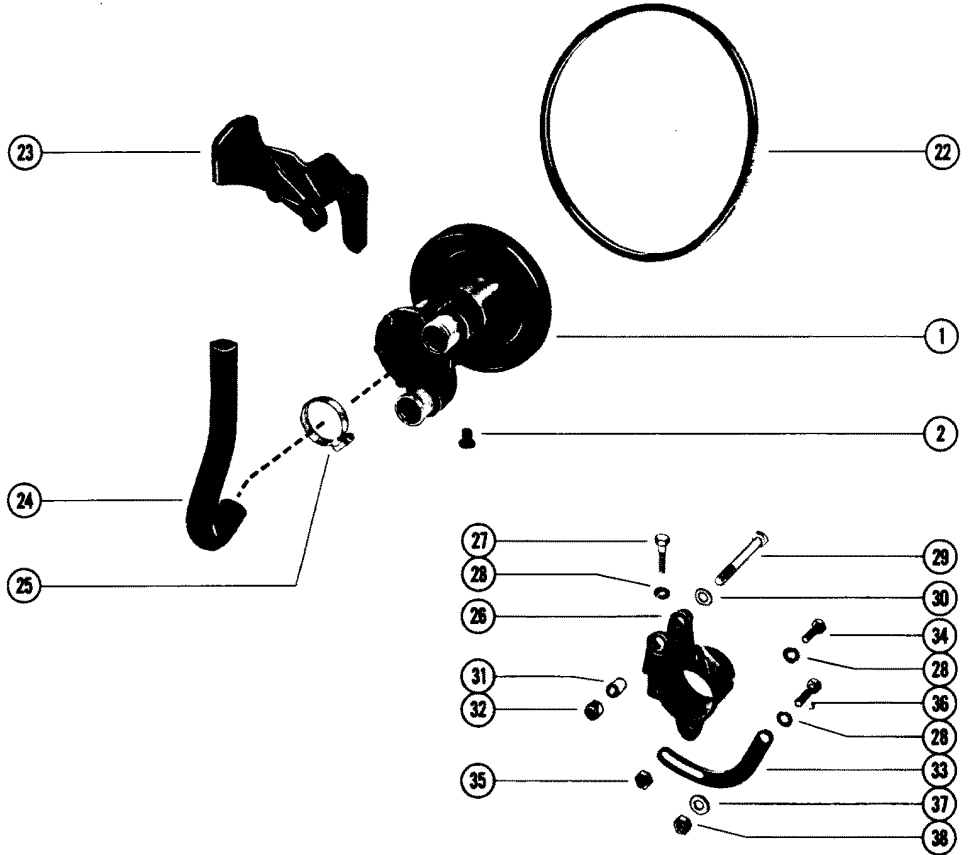
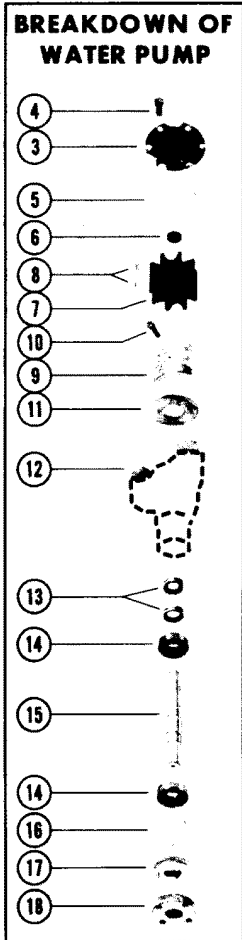


## INSTALLATION KIT (MARINE 888)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	61651A1		1	INSTALLATION KIT, FRESH WATER COOLING (MCM 888) - SEE NOTE
1	46-63450A2		1	WATER PUMP ASSEMBLY, COMPLETE
2	22-32802		1	PLUG, PIPE - DRAIN
3	59155		1	COVER, WATER PUMP
4	10-28635		6	SCREW, COVER TO WATER PUMP (5/8")
5	25-59712		1	"O" RING, WATER PUMP COVER
6	19-59504		1	PLUG, IMPELLER
7	47-59362A1		1	IMPELLER
8	28-56662		2	KEY, IMPELLER DRIVE
9	59363A1		1	CAM SEGMENT ASSEMBLY
10	10-60777		1	SCREW, CAM SEGMENT ATTACHING (1/2")
11	59503		1	WEAR PLATE, IMPELLER
12	23-47511		2	SLEEVE, WATER PUMP
13	26-23300		2	OIL SEAL, WATER PUMP SHAFT
14	30-20861		2	BALL BEARING, WATER PUMP SHAFT
15	59501		1	SHAFT, WATER PUMP
16	53-23720		1	RING, SNAP - BALL BEARING RETAINING
17	26-59564		1	OIL SEAL, WATER PUMP SHAFT (LARGE)
18	47530		1	HUB, WATER PUMP PULLEY
19	59762		1	PULLEY, WATER PUMP
20	10-47277		4	SCREW, WATER PUMP PULLEY TO WATER PUMP (3/4")
21	13-39107		4	LOCKWASHER, WATER PUMP PULLEY SCREW
22	57-60327		1	"V" BELT, WATER PUMP
23	61859		1	BRACKET, ALTERNATOR
24	32-54906		1	HOSE, SEA WATER PUMP TO HEAT EXCHANGER( WITHOUT POWER STEERING)
	32-57230		1	HOSE, PUMP TO OIL COOLER I
	32-57231		1	HOSE- OIL COOLER TO HEAT EXCHANGER POWERSTEERING(NOT AS SHOWN)
25	54-32780		2	CLAMP, HOSE TO SEA WATER PUMP AND HEAT EXCHANGER POWERSTEERING(NOT AS SHOWN)
26	49581		1	BRACKET, WATER PUMP TO ALTERNATOR BRACKET
27	10-34354		1	SCREW, CLAMPING - WATER PUMP BRACKET (1 1/2")
28	13-35048		3	LOCKWASHER, WATER PUMP BRACKET CLAMPING SCREWS
29	10-52409		1	SCREW, WATER PUMP BRACKET TO ALTERNATOR BRACKET (3 1/4")
30	12-20553		1	WASHER, WATER PUMP BRACKET SCREW
31	23-33186		1	BUSHING, WATER PUMP BRACKET SCREW
32	11-23161		1	NUT, WATER PUMP BRACKET SCREW
33	61860		1	BRACE, WATER PUMP BRACKET
34	10-34353		1	SCREW, WATER PUMP BRACKET TO BRACE (1")
35	11-28517		1	NUT, WATER PUMP BRACKET BRACE SCREW

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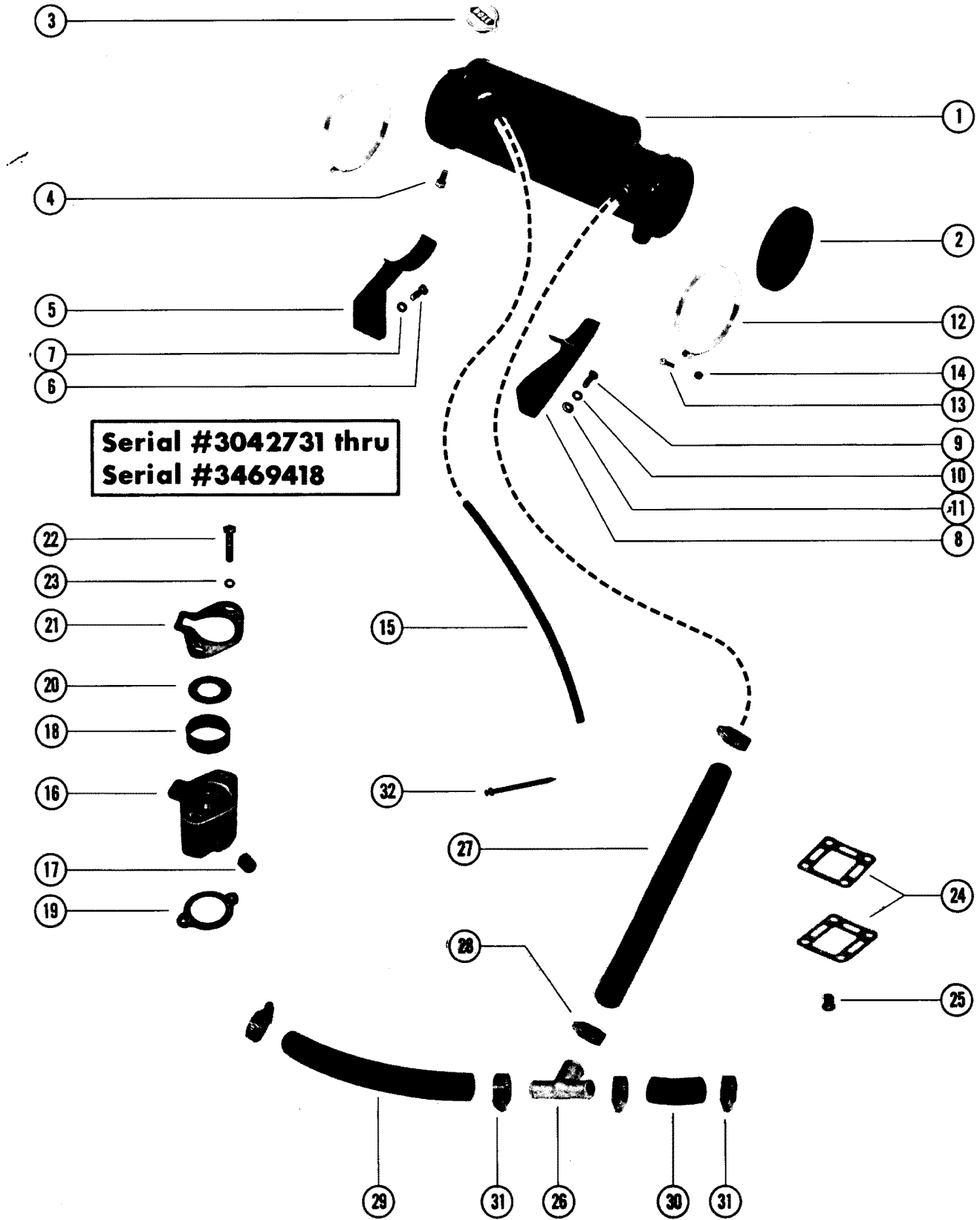
# INSTALLATION KIT (MARINE 888)



## INSTALLATION KIT (MARINE 888)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
36	10-26632		1	SCREW, WATER PUMP BRACE TO ALTERNATOR BRACKET (1 1/4")
37	12-34714		1	WASHER, WATER PUMP BRACE TO ALTERNATOR BRACKET SCREW
38	11-28517		1	NUT, WATER PUMP BRACE TO ALTERNATOR BRACKET SCREW
39	61937A1		2	WATER DISTRIBUTION HOUSING ASSEMBLY
40	23-52020		2	SLEEVE, WATER DISTRIBUTION HOUSING
41	16-52988		8	STUD, EXHAUST MANIFOLD TO EXHAUST ELBOW
42	54870		2	END CAP, EXHAUST MANIFOLD - REAR
43	27-48043		2	GASKET, END CAP TO EXHAUST MANIFOLD
44	62181		2	BELLOWS, EXHAUST ELBOW
45	32877		2	COVER, WATER STOP - GIMBAL HOUSING
46	10-53556		2	SCREW, WATER STOP COVER PLATE TO GIMBAL HOUSING (1")
47	32-60211		2	HOSE, THERMOSTAT HOUSING TO WATER DISTRIBUTION HOUSING
48	54-62589		2	CLAMP, HOSE TO STARBOARD EXHAUST MANIFOLD
49	49551A1		2	WATER PICK-UP KIT, TRANSOM MOUNTING
50	27-49571		1	GASKET, WATER PICK-UP TO TRANSOM
51	48815		1	TUBE, WATER PICK -UP
52	10-29672		3	SCREW, WATER PICK-UP TO TRANSOM (4 1/2")
53	12-25908		3	WASHER, WATER PICK-UP TO TRANSOM SCREW
54	11-20361		3	NUT, WATER PICK-UP TO TRANSOM SCREW
	32-53461		AR	HOSE, PUMP TO PICK-UP TUBE (1 1/4" I. D ) - SEE NOTE
-	<b>92-38927-1</b>		1	<b>LOCTITE TUBE, CAPSULE - WATER PICK-UP TO TRANSOM SCREWS</b>

# FRESH WATER COOLING KIT (MARINE 325) A

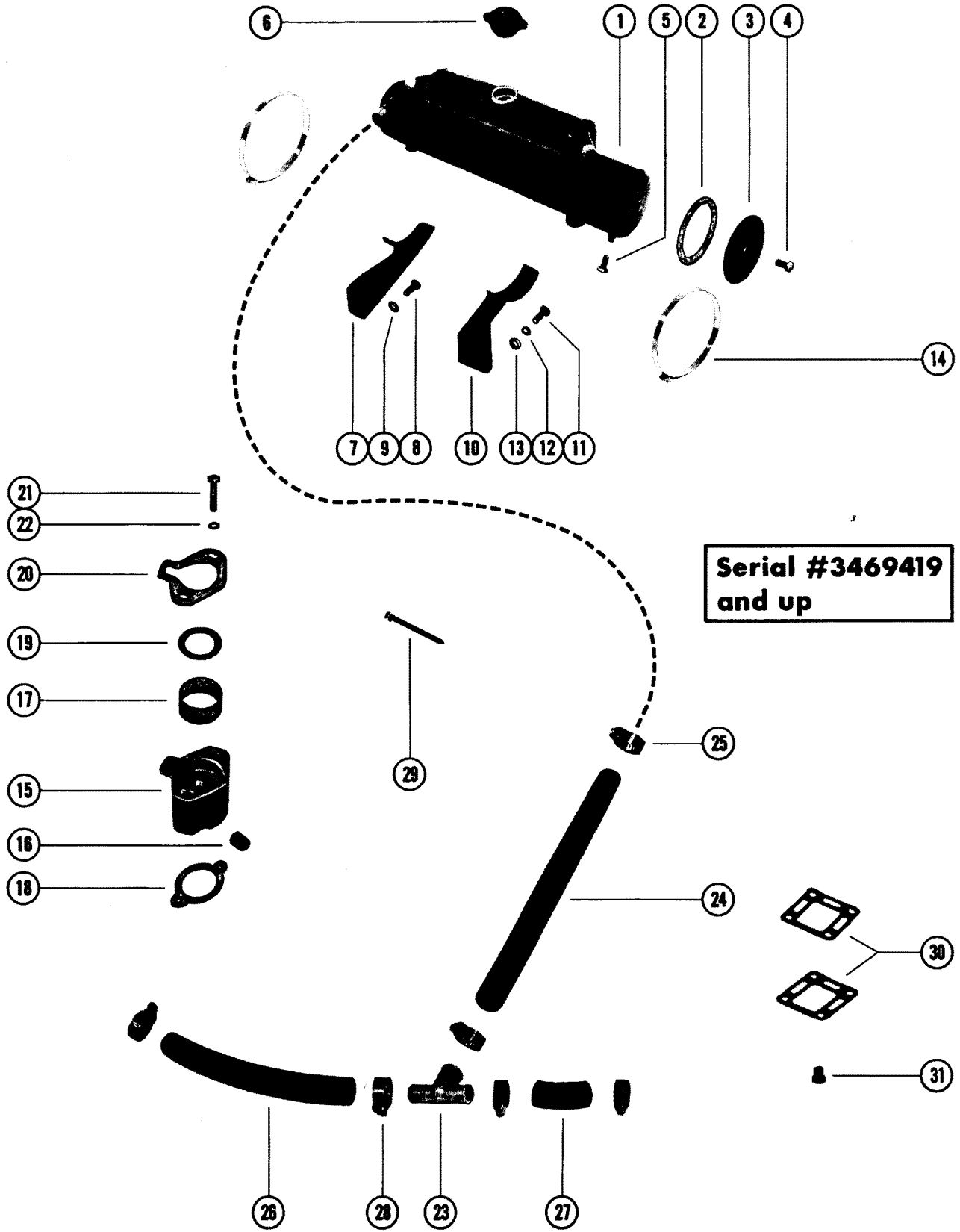




## FRESH WATER COOLING KIT (MARINE 325) A

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	61114A1		1	FRESH WATER COOLING KIT (MARINE 325)
2	65131		2	CAP, HEAT EXCHANGER END
3	36-55143		1	CAP, PRESSURE - HEAT EXCHANGER
4	22-65132		1	ZINC ANODE, SEA WATER DRAIN
5	61414		1	BRACKET, MOUNTING (PORT)
6	10-47688		1	SCREW, PORT MTG. BRACKET TO ENGINE - UPPER (2 3/4")
	10-34354		1	SCREW, PORT MTG. BRACKET TO ENGINE - LOWER (1 1/2")
7	13-35048		2	LOCKWASHER, PORT MOUNTING BRACKET SCREWS
8	61415		1	BRACKET, MOUNTING (STARBOARD)
9	10-47462		2	SCREW, STARBOARD MOUNTING BRACKET TO ENGINE (1 1/4")
10	13-32993		2	LOCKWASHER, STARBOARD MOUNTING BRACKET SCREWS
11	12-27728		2	WASHER, STARBOARD MOUNTING BRACKET SCREWS
12	54-59381		2	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS
13	10-20359		4	SCREW, HEAT EXCHANGER TO BRACKETS
14	11-32219		4	NUT, HEAT EXCHANGER BRACKET SCREWS
15	32-34395A1		1	HOSE ASSEMBLY, OVERFLOW (17")
16	55131		1	THERMOSTAT HOUSING
17	22-47540		2	PLUG, PIPE - THERMOSTAT HOUSING
18	23-47508		1	SLEEVE, THERMOSTAT HOUSING
19	27-53045		1	GASKET, THERMOSTAT HOUSING TO MANIFOLD
20	27-47510		1	GASKET, THERMOSTAT - MIDDLE
21	27-48818		1	GASKET, THERMOSTAT HOUSING - UPPER
22	10-35785		2	SCREW, THERMOSTAT HSG./INTAKE MANIFOLD (3 1/4")
23	13-37459		2	LOCKWASHER, THERMOSTAT HOUSING AND COVER SCREW
24	27-48042		4	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD
25	22-32802		2	PLUG, PIPE - WATER DISTRIBUTION HOUSING(1/8 -27)
26	22-55133		1	TEE, FITTING
27	32-62010		1	HOSE, HEAT EXCHANGER TO TEE (25 1/2")
28	54-32780		1	CLAMP, HOSE TO HEAT EXCHANGER AND TEE
29	32-55483		1	HOSE, TEE TO EXHAUST ELBOW (20 1/4")
30	32-55483		1	HOSE, TEE TO EXHAUST ELBOW (2")
31	54-32780		4	CLAMP, HOSE TO TEE AND EXHAUST MANIFOLD
32	61990		3	STA STRAP
-	10-27165		1	SCREW, OIL COOLER HOSE ATTACHING CLIP (3/4")

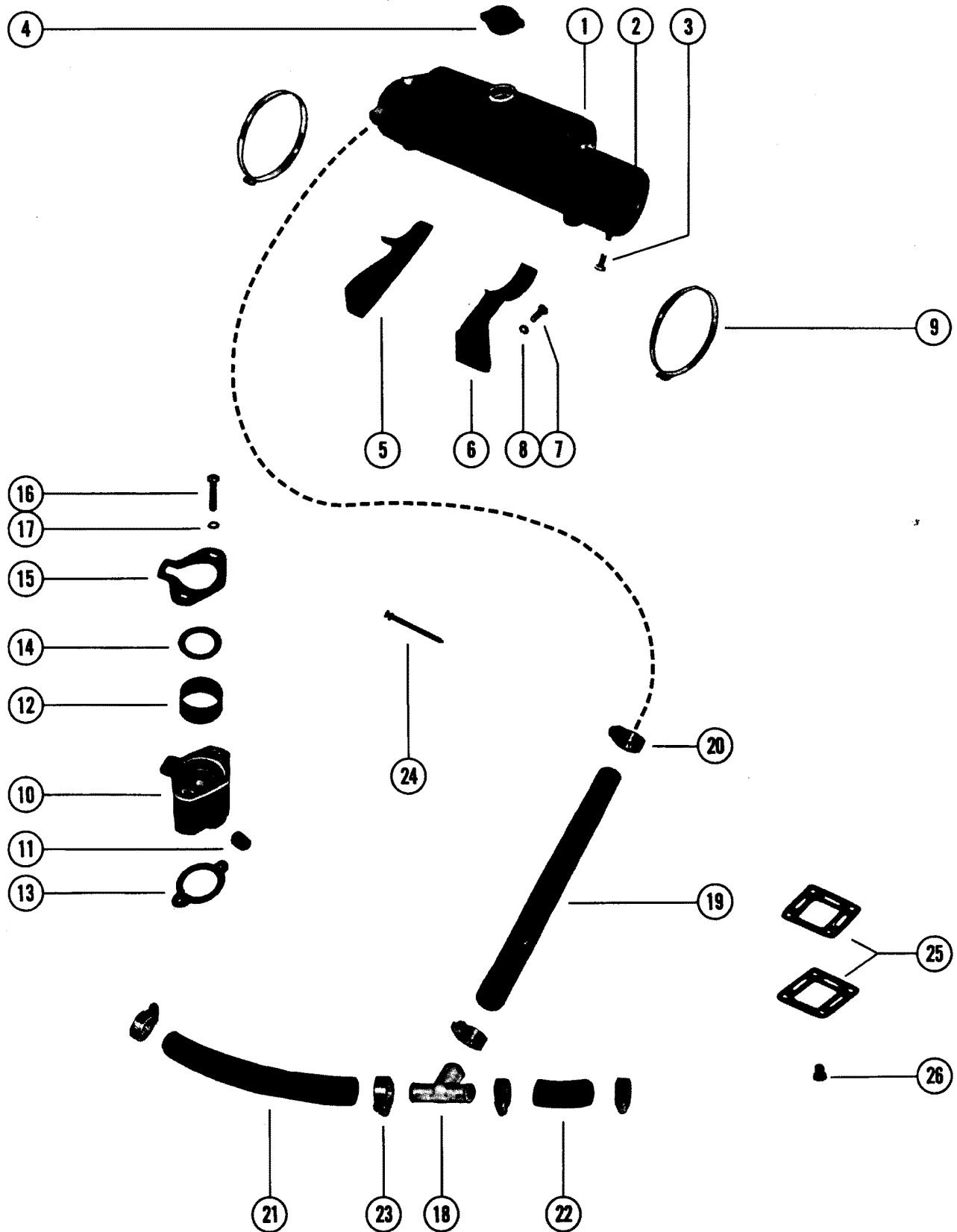
# FRESH WATER COOLING KIT (MARINE 325) B



## FRESH WATER COOLING KIT (MARINE 325) B

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	63107A2		1	FRESH WATER COOLING KIT (MARINE 325)
2	27-65130		2	GASKET, HEAT EXCHANGER END
3	66222		2	END CAP, HEAT EXCHANGER
4	10-66223		2	SCREW, END CAP TO HEAT EXCHANGER
5	22-65129		1	ZINC ANODE, SEA WATER DRAIN
6	36-55143		1	CAP, PRESSURE - HEAT EXCHANGER
7	63108		1	BRACKET, MOUNTING (PORT)
8	10-47688		1	SCREW, PORT MOUNTING BRACKET TO ENGINE - UPPER (2 3/4")
	10-34354		1	SCREW, PORT MOUNTING BRACKET TO ENGINE - LOWER (1 1/2")
9	13-35048		2	LOCKWASHER, PORT MOUNTING BRACKET SCREWS
10	63109		1	BRACKET, MOUNTING (STARBOARD)
11	10-47462		2	SCREW, STARBOARD MOUNTING BRACKET TO ENGINE (1 1/4")
12	13-32993		2	LOCKWASHER, STARBOARD MOUNTING BRACKET SCREWS
13	12-27728		2	WASHER, STARBOARD MOUNTING BRACKET SCREWS
14	54-59381		2	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS
15	55131		1	THERMOSTAT HOUSING
16	22-47540		2	PLUG, PIPE - THERMOSTAT HOUSING
17	23-47508		1	SLEEVE, THERMOSTAT HOUSING
18	27-53045		1	GASKET, THERMOSTAT HOUSING TO MANIFOLD
19	27-47510		1	GASKET, THERMOSTAT - MIDDLE
20	27-48818		1	GASKET, THERMOSTAT HOUSING - UPPER
21	10-48115		2	SCREW, THERMOSTAT HOUSING AND COVER TO INTAKE MANIFOLD (3 1/2")
22	13-37459		2	LOCKWASHER, THERMOSTAT HOUSING AND COVER SCREW
23	22-55133		1	TEE, FITTING
24	32-60442		1	HOSE, HEAT EXCHANGER TO TEE (25 1/2 L)
25	54-32780		2	CLAMP, HOSE TO HEAT EXCHANGER AND TEE
26	32-55483		1	HOSE, TEE TO EXHAUST ELBOW (20 1/4")
27	32-55483		1	HOSE, TEE TO EXHAUST ELBOW (2 1/2")
28	54-32780		4	CLAMP, HOSE TO TEE AND EXHAUST MANIFOLD
29	61990		1	STA STRAP
30	27-48042		4	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD
31	22-32802		2	PLUG, PIPE - WATER DISTRIBUTION HOUSING (1/8-27)
-	<b>71587A2</b>		<b>1</b>	<b>COOLANT RECOVERY KIT(SEE NOTE #1)</b>

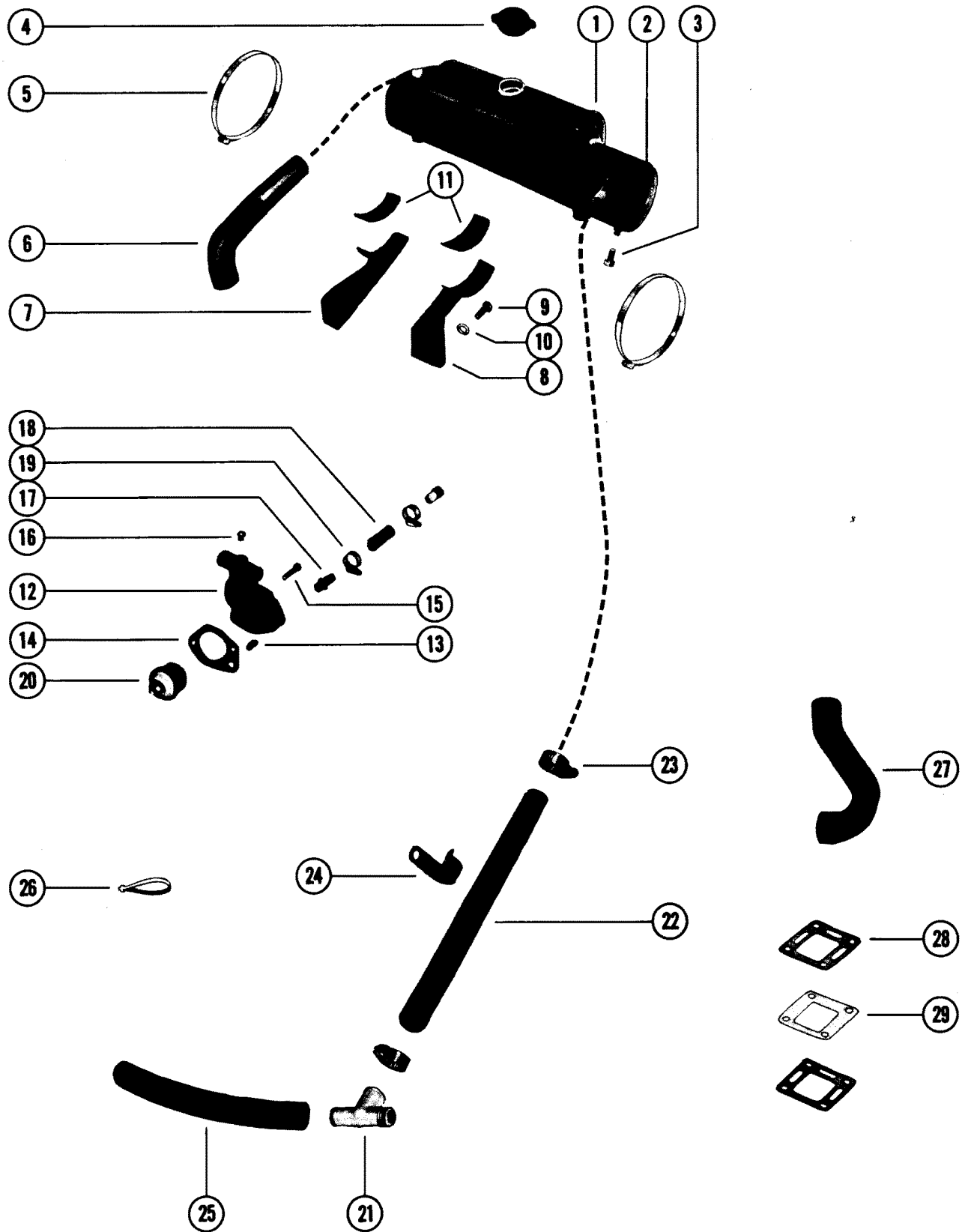
# FRESH WATER COOLING (MARINE 255 AND 280)



## FRESH WATER COOLING (MARINE 255 AND 280)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	71165A1		1	FRESH WATER COOLING KIT
2	10-66223		2	SCREW, END CAP TO HEAT EXCHANGER
3	22-65129		1	ZINC ANODE, SEA WATER DRAIN
4	36-55143		1	CAP, PRESSURE - HEAT EXCHANGER
5	71627		1	BRACKET, MOUNTING (PORT)
6	71628		1	BRACKET, MOUNTING (STARBOARD)
7	10-37612		2	SCREW, STARBOARD MOUNTING BRACKET TO ENGINE (1 1/4")
8	13-35048		2	LOCKWASHER, STARBOARD MOUNTING BRACKET SCREWS
9	54-59381		2	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS
10	55132		1	THERMOSTAT HOUSING
11	22-47540		2	PLUG, PIPE - THERMOSTAT HOUSING
12	23-47508		1	SLEEVE, THERMOSTAT HOUSING
13	27-53045		1	GASKET, THERMOSTAT HOUSING TO MANIFOLD
14	27-47510		1	GASKET, THERMOSTAT - MIDDLE
15	27-48818		1	GASKET, THERMOSTAT HOUSING - UPPER
16	10-48115		2	SCREW, THERMOSTAT HOUSING AND COVER TO INTAKE MANIFOLD (3 1/2")
17	13-37459		2	LOCKWASHER, THERMOSTAT HOUSING AND COVER SCREW
18	22-55133		1	TEE, FITTING
19	32-62010		1	HOSE, HEAT EXCHANGER TO TEE (23 1/2")
20	54-32780		2	CLAMP, HOSE TO HEAT EXCHANGER AND TEE
21	32-55483		1	HOSE, TEE TO EXHAUST ELBOW (17")
22	32-55483		1	HOSE, TEE TO EXHAUST ELBOW (2 1/2")
23	54-32780		4	CLAMP, HOSE TO TEE AND EXHAUST MANIFOLD
24	61990		1	STA STRAP
25	27-48042		4	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD
26	22-32802		2	PLUG, PIPE - WATER DISTRIBUTION HOUSING (1/8-27)
-	<b>71587A2</b>		<b>1</b>	<b>COOLANT RECOVERY KIT (SEE NOTE # 1 BELOW)</b>

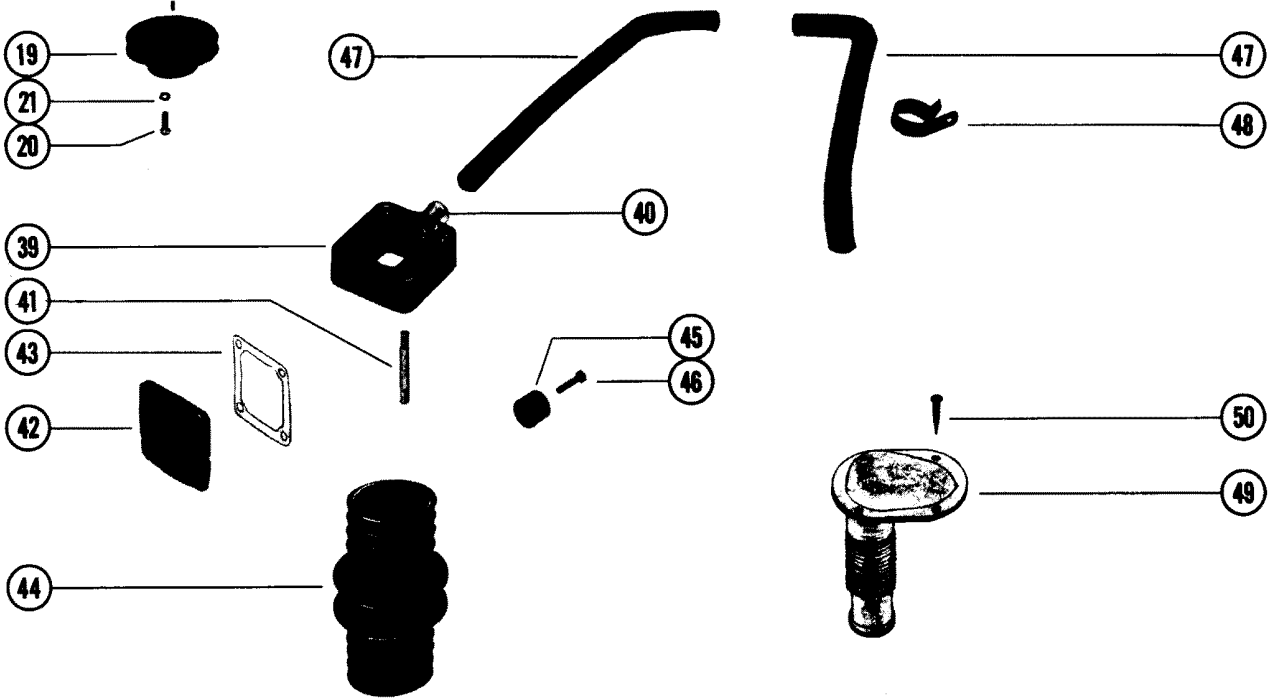
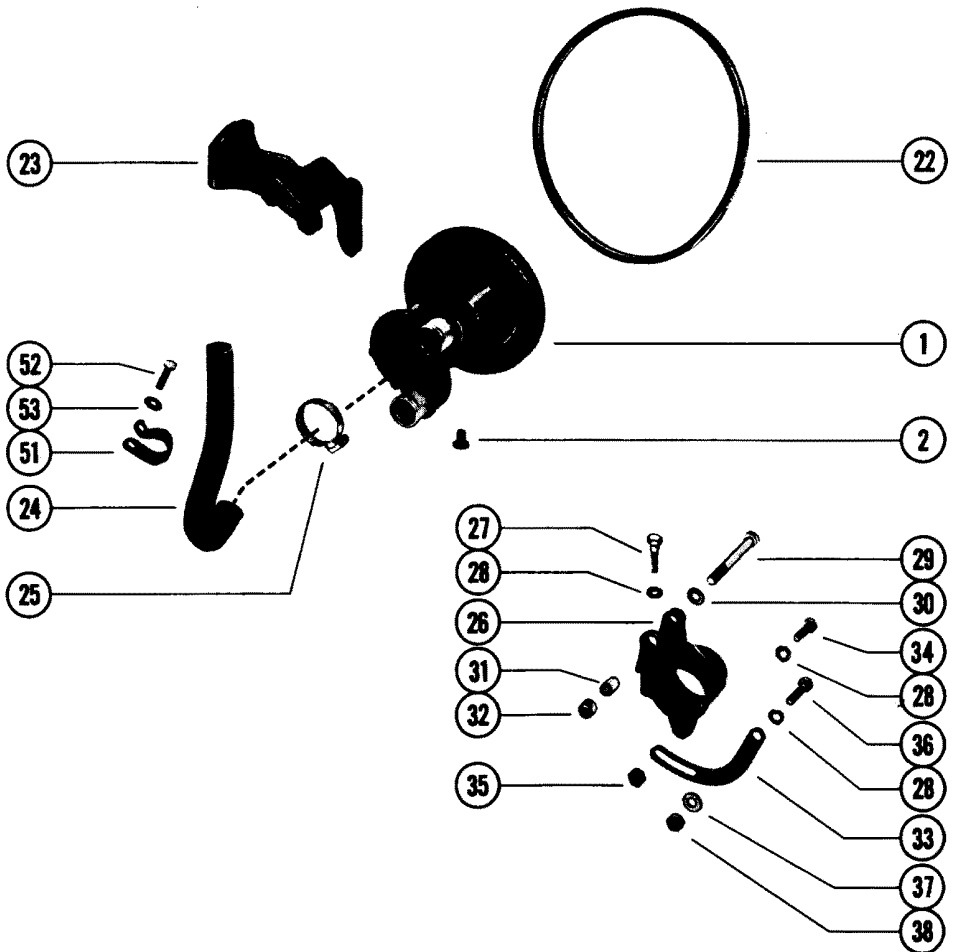
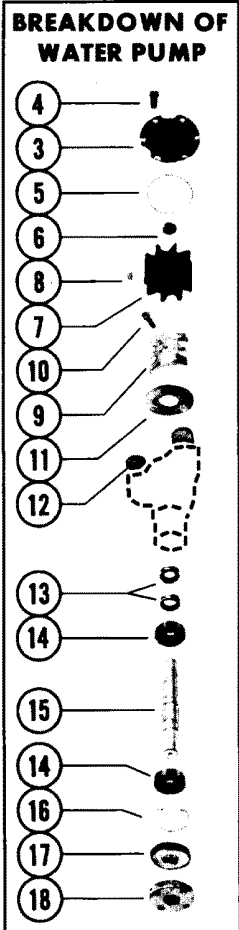
# FRESH WATER COOLING KIT (MARINE 233)



## FRESH WATER COOLING KIT (MARINE 233)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	72114A1		1	FRESH WATER COOLING KIT- SEE NOTE # 1
2	10-66223		2	SCREW, END CAP TO HEAT EXCHANGER
3	22-65129		1	ZINC ANODE, SEA WATER DRAIN
4	36-55143		1	CAP, PRESSURE - HEAT EXCHANGER
5	54-31765		2	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS
6	32-61385		1	HOSE, HEAT EXCHANGER TO EXHAUST MANIFOLD
7	72115		1	BRACKET, MOUNTING (PORT)
8	72116		1	BRACKET, MOUNTING (STARBOARD)
9	10-47461		2	SCREW, MOUNTING BRACKET TO ENGINE (1")
10	13-37272		2	LOCKWASHER, MOUNTING BRACKET SCREW
11	67467		2	PAD, MOUNTING BRACKET
12	67465A1		1	THERMOSTAT HOUSING ASSEMBLY
13	23-67463		1	SLEEVE, THERMOSTAT HOUSING
14	27-54505		1	GASKET, THERMOSTAT HOUSING
15	10-73657		1	SCREW, THERMOSTAT HOUSING TO ENGINE BLOCK (1 1/2")
16	22-32802		1	PLUG, PIPE - THERMOSTAT HOUSING
17	22-30570		2	FITTING, BAYONET - HOSE TO ENGINE WATER PUMP
18	32-47605		1	HOSE, HOUSING TO ENGINE WATER PUMP
19	54-38819		2	CLAMP, HOSE TO WATER PUMP AND THERMOSTAT HOUSING
20	67464		1	THERMOSTAT
21	22-63067		1	TEE, FITTING
22	32-54862		1	HOSE, HEAT EXCHANGER TO TEE (24 1/2")
23	54-32780		2	CLAMP, HEAT EXCHANGER TO TEE HOSE
24	54-63300		2	CLIP, HOSE TO ROCKER COVER
25	32-55483		1	HOSE, TEE TO EXHAUST ELBOW (19")
26	61990		1	STA STRAP
27	32-57778		1	HOSE, HEAT EXCHANGER TO ENGINE WATER PUMP
28	55730		2	PLATE, FACE - EXHAUST ELBOW
29	27-52076		4	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD
-	<b>71587A2</b>		<b>1</b>	<b>COOLANT RECOVERY KIT (SEE NOTE #2)</b>

# INSTALLATICE KIT (MARINE 888 AND 233)



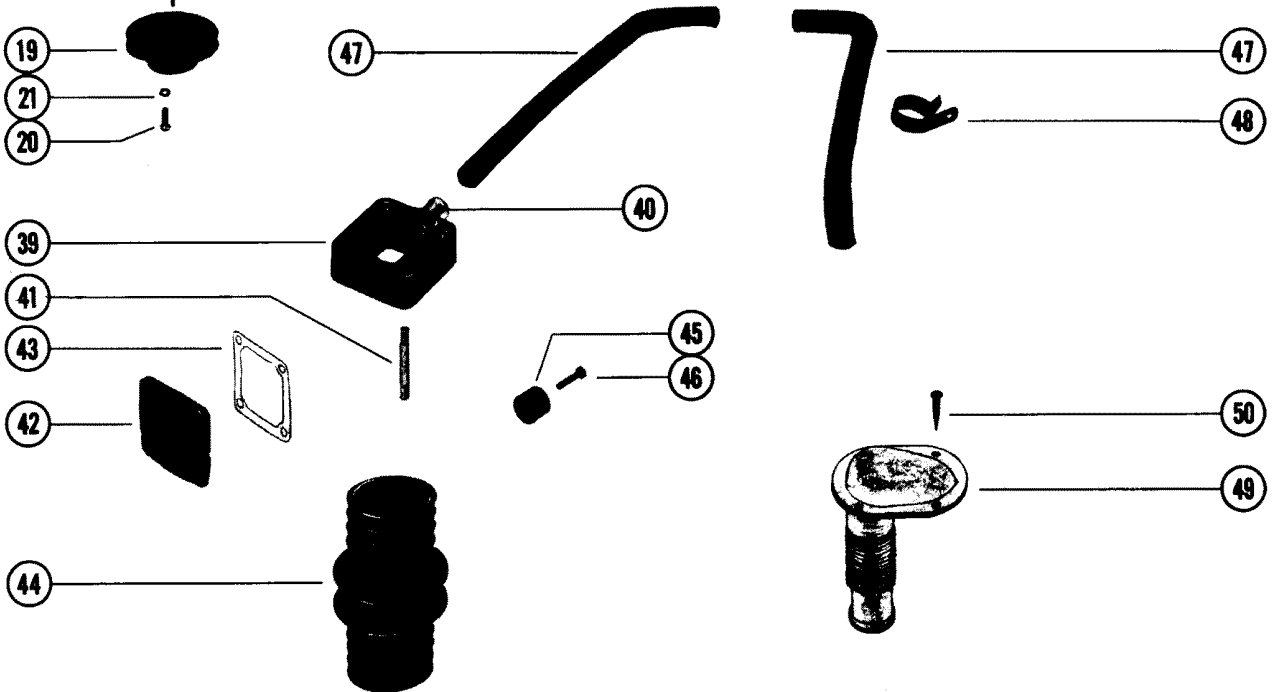
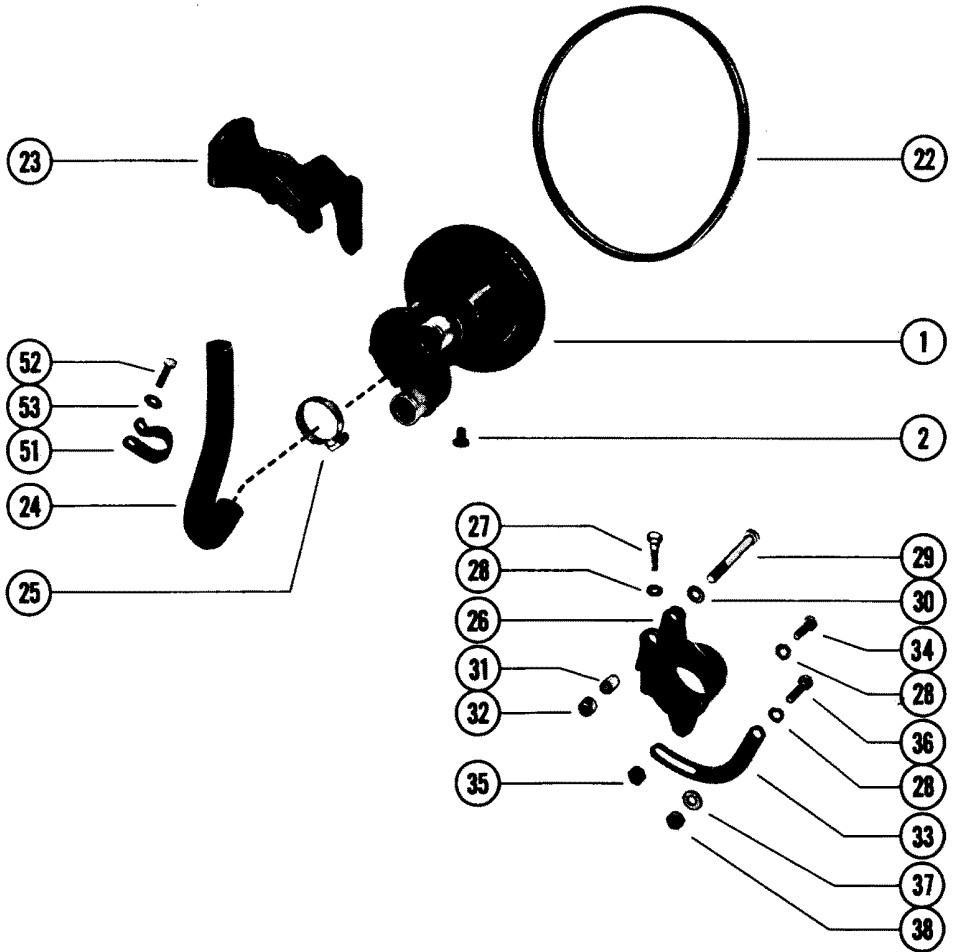
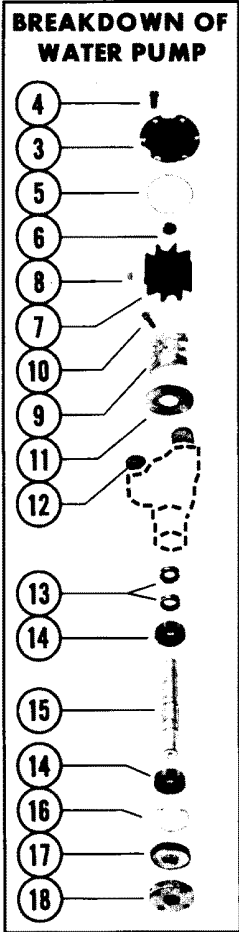


# INSTALL KIT (MARINE 888 AND 233)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	<b>61651A2</b>		1	<b>INSTALLATION KIT, FRESH WATER COOLING</b>
1	46-63450A2		1	WATER PUMP ASSEMBLY, COMPLETE
2	22-32802		1	PLUG, PIPE - DRAIN
3	59155		1	COVER, WATER PUMP
4	10-28635		6	SCREW, COVER TO WATER PUMP (5/8")
5	25-59712		1	"O" RING, WATER PUMP COVER
6	19-59504		1	PLUG, IMPELLER
7	47-59362A1		1	IMPELLER ASSEMBLY
8	28-56662		1	KEY, IMPELLER DRIVE
9	59363A1		1	CAM SEGMENT ASSEMBLY
10	10-60777		1	SCREW, CAM SEGMENT ATTACHING (1/2")
11	59503		1	WEAR PLATE, IMPELLER
12	23-47511		2	SLEEVE, WATER PUMP
13	26-23300		2	OIL SEAL, WATER PUMP SHAFT
14	30-72961		2	BALL BEARING, WATER PUMP SHAFT
15	59501		1	SHAFT, WATER PUMP
16	53-23720		1	RING, SNAP - BALL BEARING RETAINING
17	26-72785		1	OIL SEAL, WATER PUMP SHAFT (LARGE)
18	47530		1	HUB, WATER PUMP PULLEY
19	59762		1	PULLEY, WATER PUMP
20	10-47277		4	SCREW, WATER PUMP PULLEY TO WATER PUMP (3/4")
21	13-39107		4	LOCKWASHER, WATER PUMP PULLEY SCREW
22	57-60327		1	"V" BELT, WATER PUMP
23	61859		1	BRACKET, ALTERNATOR
24	32-54906		1	HOSE, SEA WATER PUMP TO HEAT EXCHANGER( WITHOUT POWER STEERING)
	32-57230		1	HOSE, PUMP TO OIL COOLER (POWER STEERING(NOT AS SHOWN)
	32-57231		1	HOSE, OIL COOLER TO HEAT EXCHANGER
25	54-32780		2	CLAMP, HOSE TO SEA WATER PUMP AND HEAT EXCHANGER
26	49581		1	BRACKET, WATER PUMP TO ALTERNATOR BRACKET
27	10-34354		1	SCREW, CLAMPING - WATER PUMP BRACKET (1 1/2")
28	13-35048		3	LOCKWASHER, WATER PUMP BRACKET CLAMPING SCREWS
29	10-52409		1	SCREW, WATER PUMP BRACKET TO ALTERNATOR BRACKET (3 1/4")
30	12-20553		1	WASHER, WATER PUMP BRACKET SCREW
31	23-33186		1	BUSHING, WATER PUMP BRACKET SCREW
32	11-23161		1	NUT, WATER PUMP BRACKET SCREW
33	61860		1	BRACE, WATER PUMP BRACKET
34	10-34353		1	SCREW, WATER PUMP BRACKET TO BRACE (1")
35	11-32219		1	NUT, WATER PUMP BRACKET BRACE SCREW
36	10-26632		1	SCREW, WATER PUMP BRACE TO ALTERNATOR BRACKET (1 1/4")

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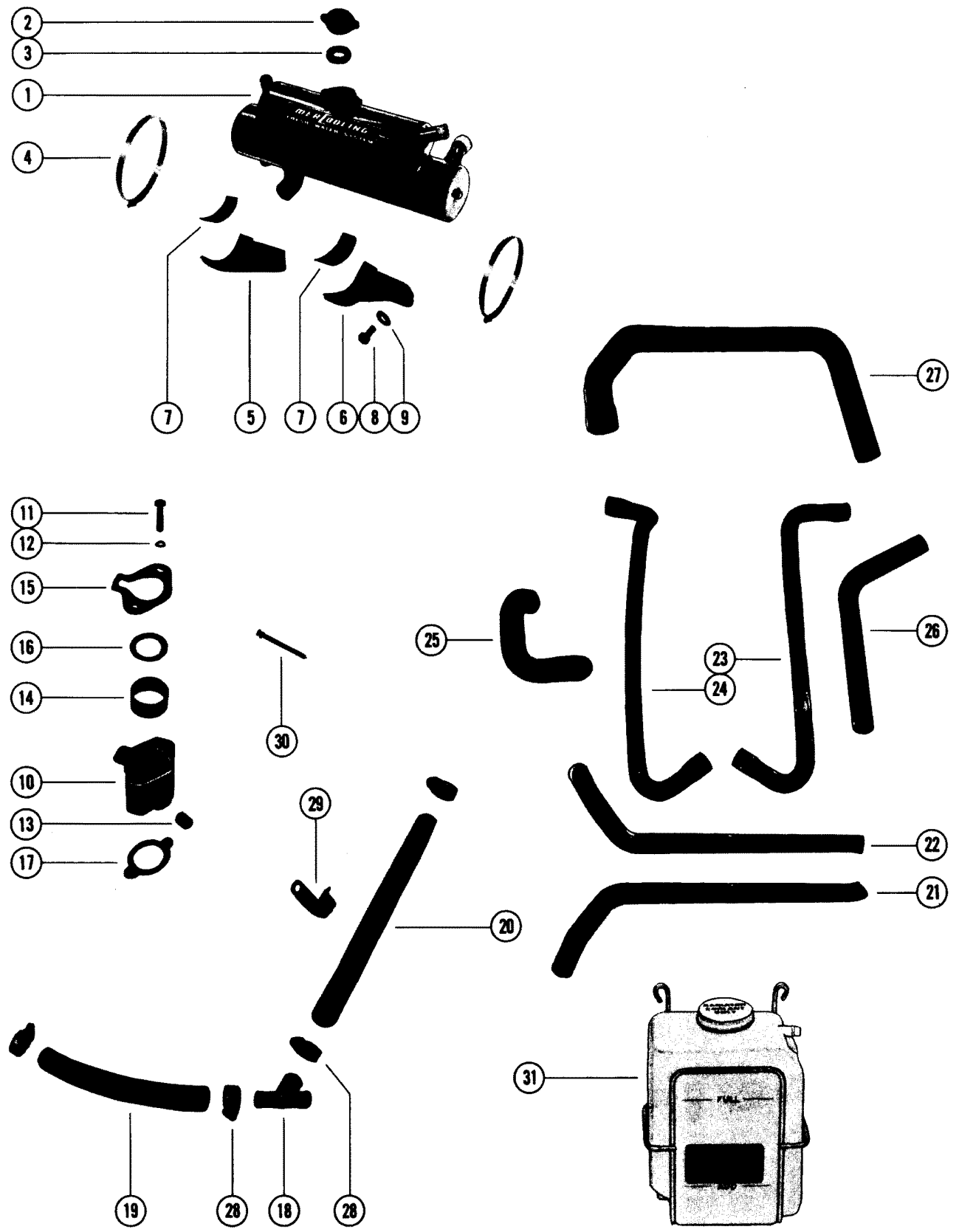
# INSTALLATICE KIT (MARINE 888 AND 233)



## INSTALL KIT (MARINE 888 AND 233)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
37	12-34714		1	WASHER, WATER PUMP BRACE TO ALTERNATOR BRACKET SCREW
38	11-32219		1	NUT, WATER PUMP BRACE TO ALTERNATOR BRACKET SCREW
39	61937A1		2	WATER DISTRIBUTION HOUSING ASSEMBLY
40	23-52020		2	SLEEVE, WATER DISTRIBUTION HOUSING
41	16-52988		8	STUD, EXHAUST MANIFOLD TO EXHAUST ELBOW
42	54870		2	END CAP, EXHAUST MANIFOLD - REAR
43	27-48043		2	GASKET, END CAP TO EXHAUST MANIFOLD
44	62181		2	BELLOWS, EXHAUST ELBOW
45	32877		1	COVER, WATER STOP - GIMBAL HOUSING
46	10-53556		2	SCREW, WATER STOP COVER PLATE TO GIMBAL HOUSING (1")
47	32-60211		2	HOSE, THERMOSTAT HOUSING TO WATER DISTRIBUTION HOUSING
48	54-62589		1	CLAMP, HOSE TO STARBOARD EXHAUST MANIFOLD
49	68670A2		1	THRU HULL FITTING ASSEMBLY
50	10-68864		4	SCREW, THRU HULL FITTING
51	54-47715		2	CLIP, HOSE ATTACHING
52	10-34354		2	SCREW, HOSE CLIP (1 1/2")
53	12-27728		2	WASHER, HOSE CLIP (1 1/2")
-	<b>32-62010</b>		<b>AR</b>	<b>HOSE, PUMP TO PICK-UP TUBE (1 1/4" I. D. )</b>
-	<b>92-38927-1</b>		<b>1</b>	<b>LOCTITE TUBE, CAPSULE - WATER PICK-UP TO TRANSOM SCREWS</b>

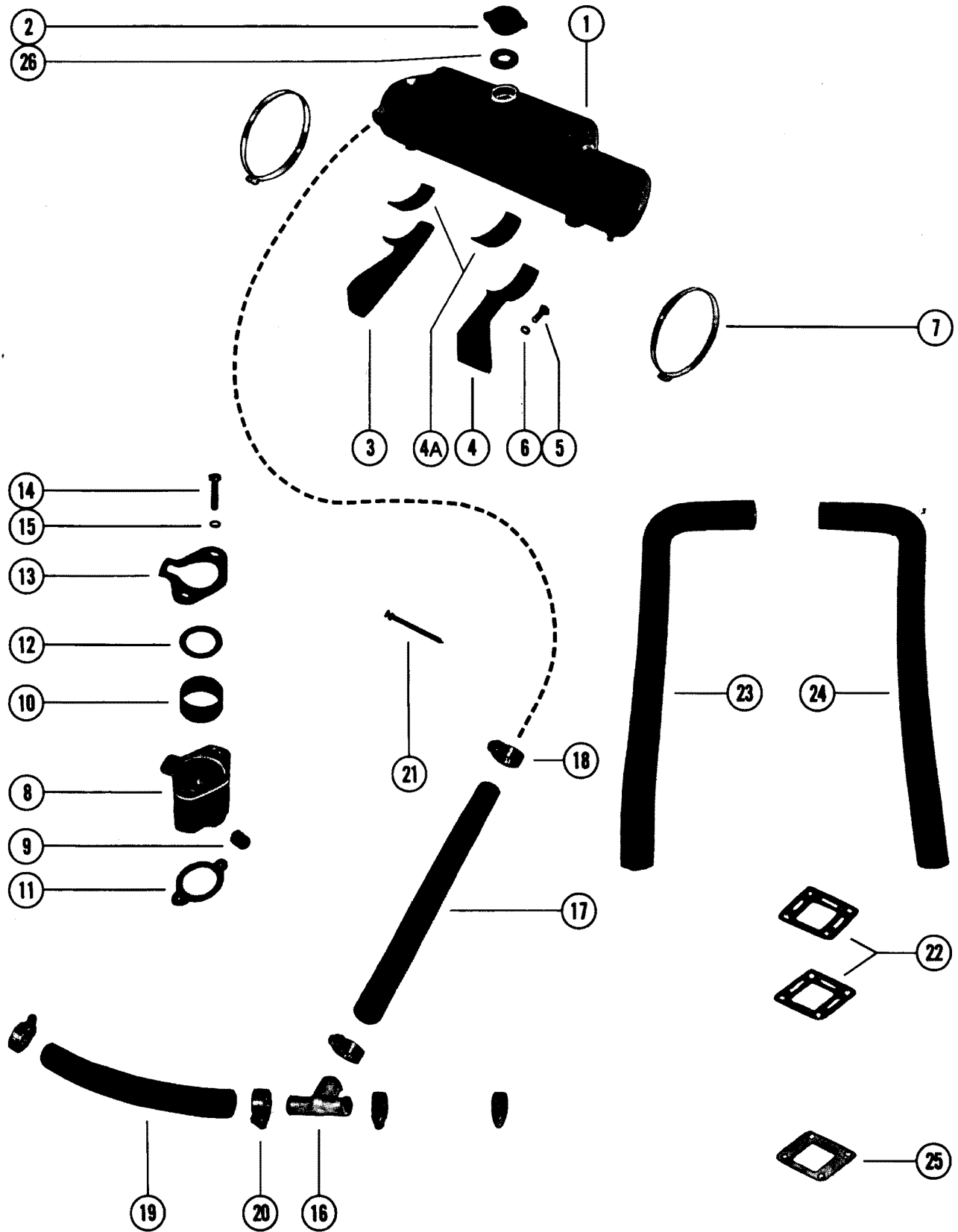
# FRESH WATER COOLING KIT (MIE 198, 228 AND 255)



## FRESH WATER COOLING KIT (MIE 198, 228 AND 255)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	78094A1		1	FRESH WATER COOLING KIT
2	36-55143		1	CAP, PRESSURE - HEAT EXCHANGER
3	27-71614		1	GASKET, PRESSURE CAP
4	54-31765		2	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKET
5	78092A1		1	BRACKET, MOUNTING (PORT) SEE NOTE
6	78093A1		1	BRACKET, MOUNTING (STARBOARD) SEE NOTE
7	67467		2	PAD, MOUNTING BRACKET
8	10-37612		2	SCREW, MOUNTING BRACKET TO ENGINE (1 1/4")
9	13-35048		2	LOCKWASHER, MOUNTING BRACKET SCREW
10	55132		1	THERMOSTAT HOUSING
11	10-48115		2	SCREW, THERMOSTAT HOUSING ATTACHING (3 1/2")
12	13-37459		2	LOCKWASHER, THERMOSTAT HOUSING SCREW
13	22-47540		2	PLUG, PIPE - THERMOSTAT HOUSING
14	23-47508		1	SLEEVE, THERMOSTAT HOUSING
15	27-48818		1	GASKET, THERMOSTAT HOUSING - UPPER
16	27-47510		1	GASKET, THERMOSTAT HOUSING - MIDDLE
17	27-53045		1	GASKET, THERMOSTAT HOUSING - LOWER
18	22-63067		1	TEE, FITTING
19	32-55483		1	HOSE, TEE TO EXHAUST ELBOW (18 1/2")
20	32-78103		1	HOSE, HEAT EXCHANGER TO TEE - MOLDED
21	32-57777		1	HOSE, FRONT CAP TO HEAT EXCHANGER (PORT)
22	32-57776		1	HOSE, FRONT CAP TO HEAT EXCHANGER (STARBOARD)
23	32-78105		1	HOSE, THERMOSTAT HSG. TO REAR CAP (PORT)
24	32-78104		1	HOSE, THERMOSTAT HSG. TO REAR CAP (STARBOARD)
25	32-78090		1	HOSE, WATER PUMP TO OIL COOLER
26	32-77482		1	HOSE, OIL COOLER TO HEAT EXCHANGER
27	32-78091		1	HOSE, HEAT EXCHANGER TO WATER PUMP
28	54-32780		6	CLAMP, HOSE ATTACHING
29	54-63300		2	CLIP, HOSE
30	61990		2	STA-STRAP
31	71587A2		1	COOLANT RECOVERY SYSTEM (SEE NOTE #1)

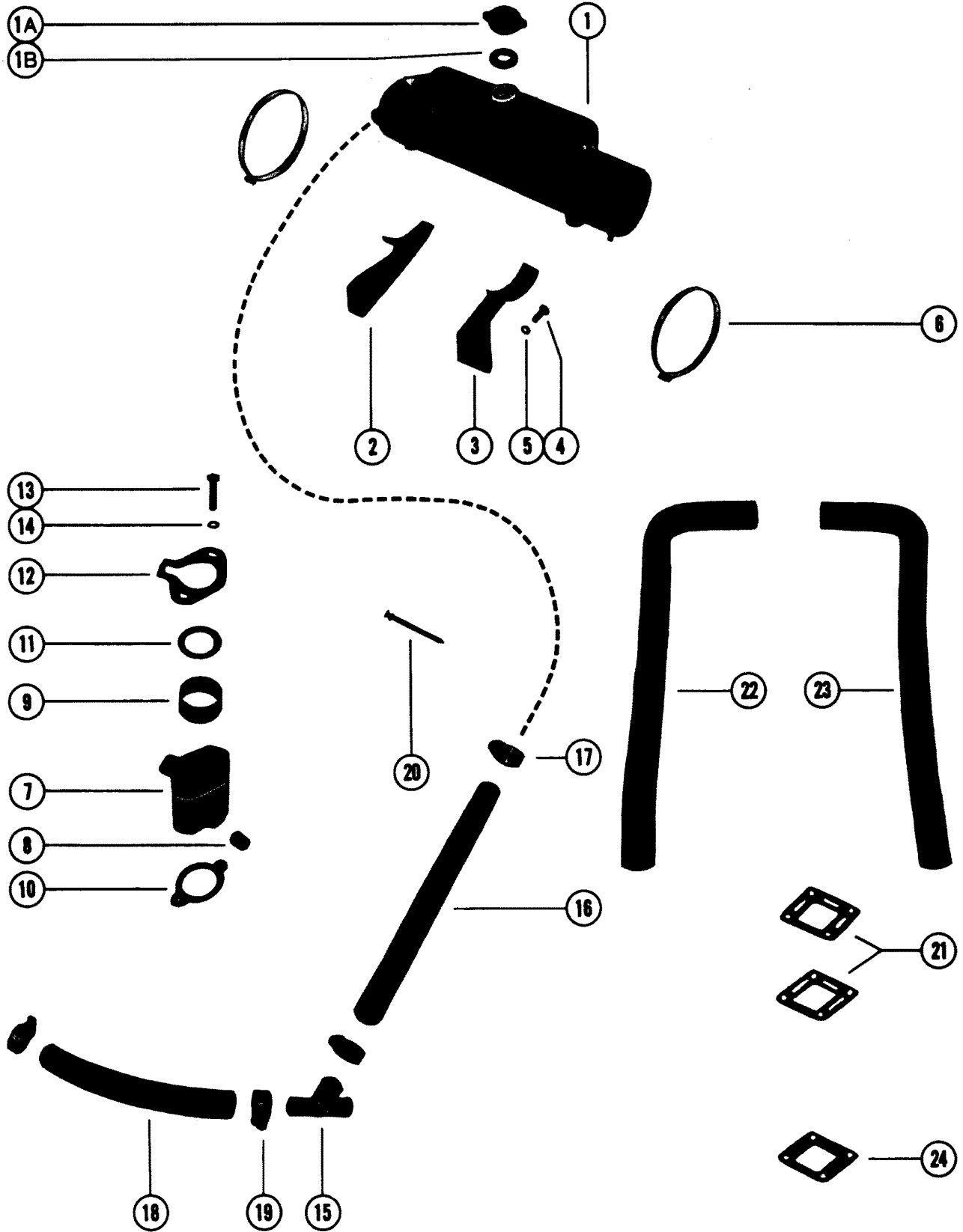
# FRESH WATER COOLING KIT (MARINE 255 AND 280) A



## FRESH WATER COOLING KIT (MARINE 255 AND 280) A

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	74643A1		1	FRESH WATER COOLING KIT
2	36-55143		1	CAP, PRESSURE - HEAT EXCHANGER
3	74633A1		1	BRACKET, MOUNTING (PORT)
4	74632A1		1	BRACKET, MOUNTING (STARBOARD)
4A	67467		2	PAD, MOUNTING BRACKET
5	10-34353		2	SCREW, STARBOARD MOUNTING BRACKET TO ENGINE (1")
6	13-35048		2	LOCKWASHER, STARBOARD MOUNTING BRACKET SCREWS
7	54-31765		2	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS
8	55132		1	THERMOSTAT HOUSING
9	22-47540		2	PLUG, PIPE - THERMOSTAT HOUSING
10	23-47508		1	SLEEVE, THERMOSTAT HOUSING
11	27-53045		1	GASKET, THERMOSTAT HOUSING TO MANIFOLD
12	27-47510		1	GASKET, THERMOSTAT - MIDDLE
13	27-48818		1	GASKET, THERMOSTAT HOUSING - UPPER
14	10-48115		2	SCREW, THERMOSTAT HOUSING AND COVER TO INTAKE MANIFOLD (3 1/2")
15	13-37459		2	LOCKWASHER, THERMOSTAT HOUSING AND COVER SCREW
16	22-63067		1	TEE, FITTING
17	32-62010		1	HOSE, HEAT EXCHANGER TO TEE (23 1/2")
18	54-32780		2	CLAMP, HOSE TO HEAT EXCHANGER AND TEE
19	32-55483		1	HOSE, TEE TO EXHAUST ELBOW (18 1/2")
20	54-32780		4	CLAMP, HOSE TO TEE AND EXHAUST MANIFOLD
21	61990		1	STA-STRAP
22	27-48042		4	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD
23	32-57777		1	HOSE, THERMOSTAT HOUSING TO MANIFOLD (PORT)
24	32-57776		1	HOSE, THERMOSTAT HOUSING TO MANIFOLD (STARBOARD)
25	74829		2	PLATE, EXHAUST MANIFOLD TO EXHAUST ELBOW
26	27-71614		1	GASKET, PRESSURE CAP
-	<b>71587A2</b>		<b>1</b>	<b>COOLANT RECOVERY KIT(SEE NOTE #1)</b>

# FRESH WATER COOLING KIT (MARINE 255 AND 280) B

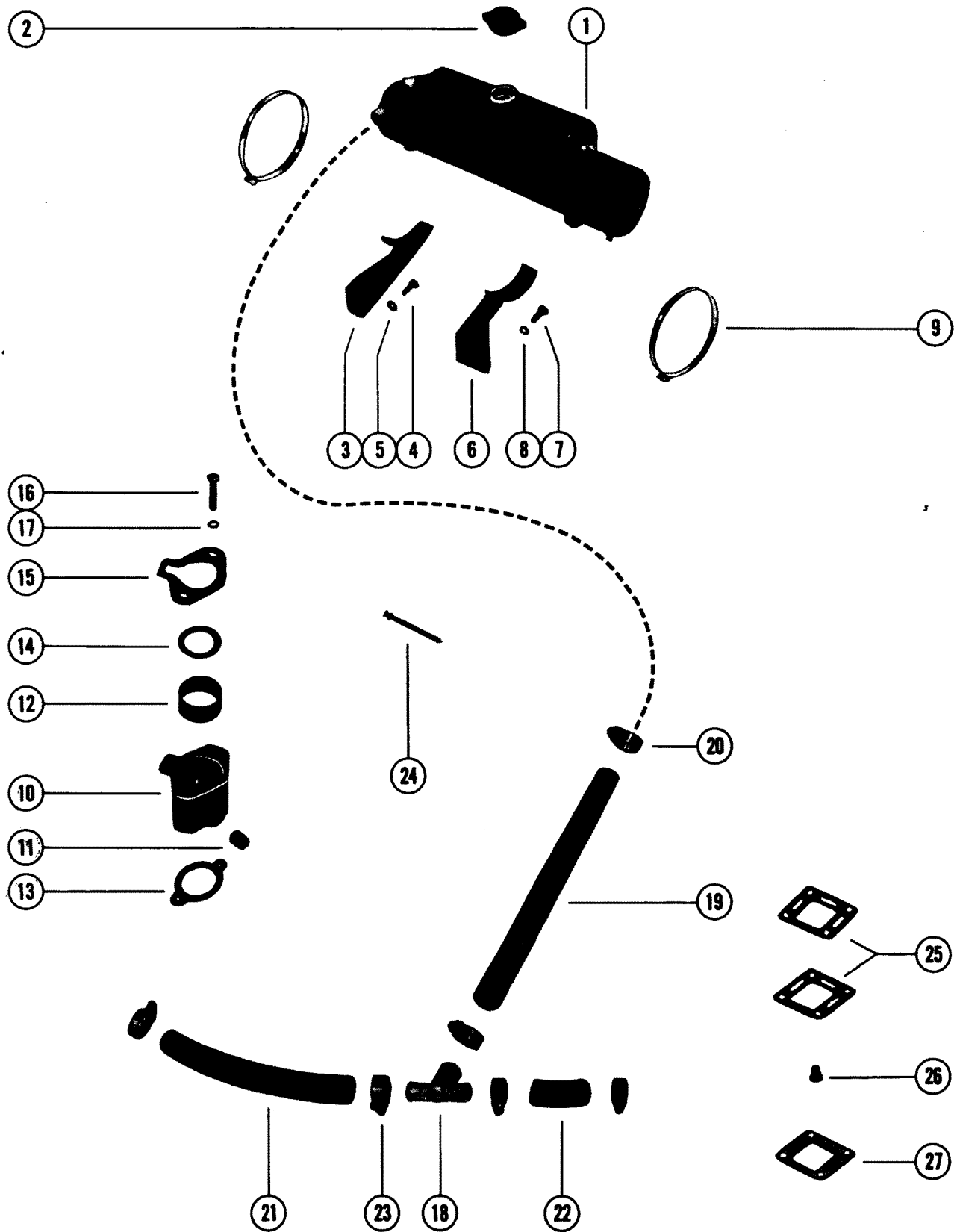




## FRESH WATER COOLING KIT (MARINE 255 AND 280) B

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	71165A2		1	FRESH WATER COOLING KIT
1A	36-55143		1	CAP, PRESSURE - HEAT EXCHANGER
1B	27-71614		1	GASKET, PRESSURE CAP - HEAT EXCHANGER
2	71627		1	BRACKET, MOUNTING (PORT)
3	71628		1	BRACKET, MOUNTING (STARBOARD)
4	10-34353		2	SCREW, STARBOARD MOUNTING BRACKET TO ENGINE (1")
5	13-35048		2	LOCKWASHER, STARBOARD MOUNTING BRACKET SCREWS
6	54-59381		2	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS
7	55132		1	THERMOSTAT HOUSING
8	22-47540		2	PLUG, PIPE - THERMOSTAT HOUSING
9	23-47508		1	SLEEVE, THERMOSTAT HOUSING
10	27-53045		1	GASKET, THERMOSTAT HOUSING TO MANIFOLD
11	27-47510		1	GASKET, THERMOSTAT - MIDDLE
12	27-48818		1	GASKET, THERMOSTAT HOUSING - UPPER
13	10-48115		2	SCREW, THERMOSTAT HOUSING AND COVER TO INTAKE MANIFOLD (3 1/2")
14	13-37459		2	LOCKWASHER, THERMOSTAT HOUSING AND COVER SCREW
15	22-63067		1	TEE, FITTING
16	32-62010		1	HOSE, HEAT EXCHANGER TO TEE (23 1/2")
17	54-32780		2	CLAMP, HOSE TO HEAT EXCHANGER AND TEE
18	32-55483		1	HOSE, TEE TO EXHAUST ELBOW (18 1/2")
19	54-32780		4	CLAMP, HOSE TO TEE AND EXHAUST MANIFOLD
20	61990		1	STA-STRAP
21	27-48042		4	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD
22	32-57777		1	HOSE, THERMOSTAT HOUSING TO MANIFOLD (PORT)
23	32-57776		1	HOSE, THERMOSTAT HOUSING TO MANIFOLD (STARBOARD)
24	74829		1	PLATE, ELBOW TO MANIFOLD
-	<b>54-22875</b>		<b>2</b>	<b>CLIP, TUBING ATTACHING - COOLANT RECOVERY SYSTEM</b>
-	<b>10-57807</b>		<b>4</b>	<b>SCREW, COOLANT RECOVERY BRACKET AND BRACKET ATTACHING</b>
-	<b>12-56681</b>		<b>2</b>	<b>WASHER, CLIP MOUNTING SCREW</b>
-	<b>71587A2</b>		<b>1</b>	<b>COOLANT RECOVERY KIT(SEE NOTE #1)</b>

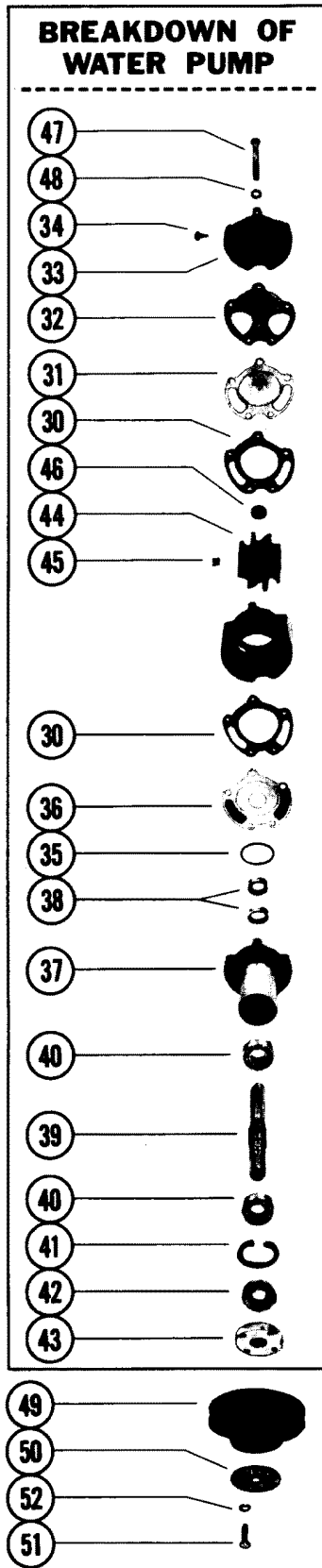
# FRESH WATER COOLING KIT (MARINE 350)



## FRESH WATER COOLING KIT (MARINE 350)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	63107A3		1	FRESH WATER COOLING KIT (MARINE 350)
2	36-55143		1	CAP, PRESSURE - HEAT EXCHANGER
3	63108		1	BRACKET, MOUNTING (PORT)
4	10-47688		1	SCREW, PORT MOUNTING BRACKET TO ENGINE - UPPER (2 3/4")
	10-34354		1	SCREW, PORT MOUNTING BRACKET TO ENGINE - LOWER (1 1/2")
5	13-35048		2	LOCKWASHER, PORT MOUNTING BRACKET SCREWS
6	63109		1	BRACKET, MOUNTING (STARBOARD)
7	10-47462		2	SCREW, STARBOARD MOUNTING BRACKET TO ENGINE (1 1/4")
8	13-32993		2	LOCKWASHER, STARBOARD MOUNTING BRACKET SCREWS
9	54-59381		2	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS
10	55131		1	THERMOSTAT HOUSING
11	22-47540		2	PLUG, PIPE - THERMOSTAT HOUSING
12	23-47508		1	SLEEVE, THERMOSTAT HOUSING
13	27-53045		1	GASKET, THERMOSTAT HOUSING TO MANIFOLD
14	27-47510		1	GASKET, THERMOSTAT - MIDDLE
15	27-48818		1	GASKET, THERMOSTAT HOUSING - UPPER
16	10-48115		2	SCREW, THERMOSTAT HOUSING AND COVER TO INTAKE MANIFOLD (3 1/2")
17	13-37459		2	LOCKWASHER, THERMOSTAT HOUSING AND COVER SCREW
18	22-55133		1	TEE, FITTING
19	32-62010		1	HOSE, HEAT EXCHANGER TO TEE (25 1/2")
20	54-32780		2	CLAMP, HOSE TO HEAT EXCHANGER AND TEE
21	32-55483		1	HOSE, TEE TO EXHAUST ELBOW (20 1/4")
22	32-55483		1	HOSE, TEE TO EXHAUST ELBOW (2 1/2")
23	54-32780		4	CLAMP, HOSE TO TEE AND EXHAUST MANIFOLD
24	61990		1	STA-STRAP
25	27-48042		4	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD
26	22-32802		2	PLUG, PIPE - WATER DISTRIBUTION HOUSING (1/8-27)
27	74829		1	PLATE, EXHAUST MANIFOLD TO EXHAUST ELBOW
-	<b>71587A2</b>		1	<b>COOLANT RECOVERY KIT(SEE NOTE #1 BELOW)</b>

# INSTALLATION KIT (MCM 898, 228 AND 250)

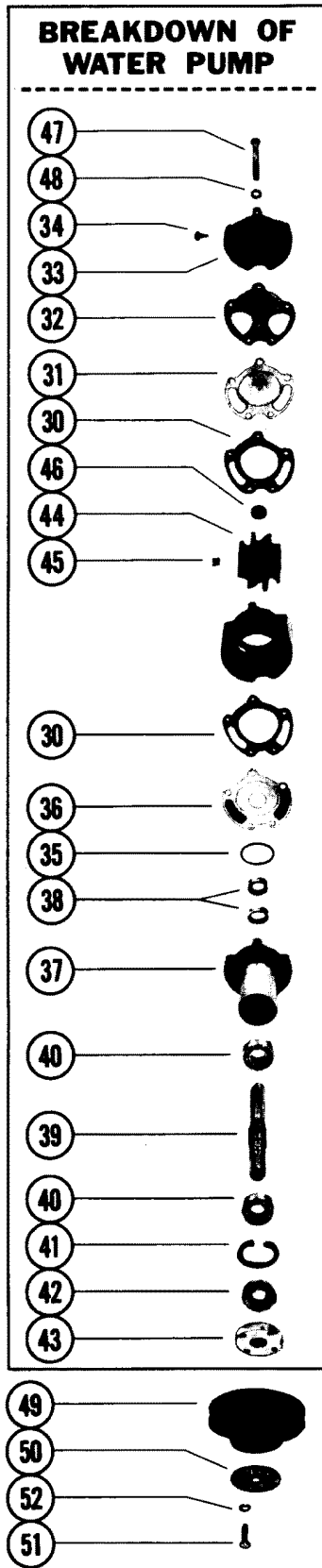


## INSTALLATION KIT (MCM 898, 228 AND 250)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	<b>77518A1</b>		1	<b>INSTALLATION KIT, FRESH WATER COOLING</b>
1	47488		1	BRACKET, WATER PUMP
2	10-34353		2	SCREW, WATER PUMP BRACKET TO ENGINE (1")
3	12-20553		1	WASHER, WATER PUMP BRACKET SCREW
4	13-35048		2	LOCKWASHER, WATER PUMP BRACKET SCREW
5	10-34354		1	SCREW, CLAMPING - WATER PUMP BRACKET (1 1/2 ")
6	13-35048		1	LOCKWASHER, WATER PUMP BRACKET SCREW
7	71648		1	BRACE, WATER PUMP
8	10-35786		1	SCREW, WATER PUMP BRACE TO WATER PUMP BRACKET (1")
9	13-37459		1	LOCKWASHER, WATER PUMP BRACE TO BRACKET SCREW
10	11-24883		1	NUT, WATER PUMP BRACE TO BRACKET SCREW
11	10-37612		1	SCREW, BRACE TO ENGINE (1 1/4")
12	13-35048		1	LOCKWASHER
13	23-72057		1	SPACER
14	32-49044		1	HOSE, WATER PUMP TO THERMOSTAT HOUSING
15	32877		1	COVER, WATER STOP - GIMBAL HOUSING
16	10-53556		2	SCREW, WATER STOP COVER PLATE TO GIMBAL HOUSING (1")
17	72408		2	BELLOWS, EXHAUST ELBOW
18	61937A1		2	WATER DISTRIBUTION HOUSING ASSEMBLY
19	23-52020		2	SLEEVE, WATER DISTRIBUTION HOUSING
20	16-52988		8	STUD, EXHAUST MANIFOLD TO EXHAUST ELBOW (3 1/2")
21	27-52076		4	GASKET, EXHAUST MANIFOLD TO EXHAUST ELBOW
22	54-47715		1	CLIP, HOSE ATTACHING
23	54-32780		2	CLAMP, HOSE TO WATER PUMP AND THERMOSTAT HOUSING
24	10-25299		8	SCREW, END CAP ATTACHING (3/4")
25	73813A1		2	END CAP, EXHAUST MANIFOLD - REAR
26	27-73814		2	GASKET, END CAP TO EXHAUST MANIFOLD
27	68670A2		1	THRU HULL WATER INTAKE ASSEMBLY
28	10-68864		4	SCREW, WATER INTAKE ATTACHING
-	<b>92-38927-1</b>		1	<b>LOCTITE, CAPSULE - WATER INTAKE TO TRANSOM SCREWS</b>
29	46-72774A11		1	WATER PUMP ASSEMBLY
30	27-72780		2	GASKET, WATER PUMP BODY TO WEAR PLATE
31	72777		1	WEAR PLATE
32	27-72779		1	GASKET, COVER TO OUTER WEAR PLATE
33	72776		1	COVER, WATER PUMP
34	10-28642		4	SCREW, WATER PUMP DRIVE (1/4")
35	25-37340		1	"O" RING, PUMP HOUSING TO INNER WEAR PLATE
36	72778		1	WEAR PLATE
37	46-71497A2		1	PUMP HOUSING

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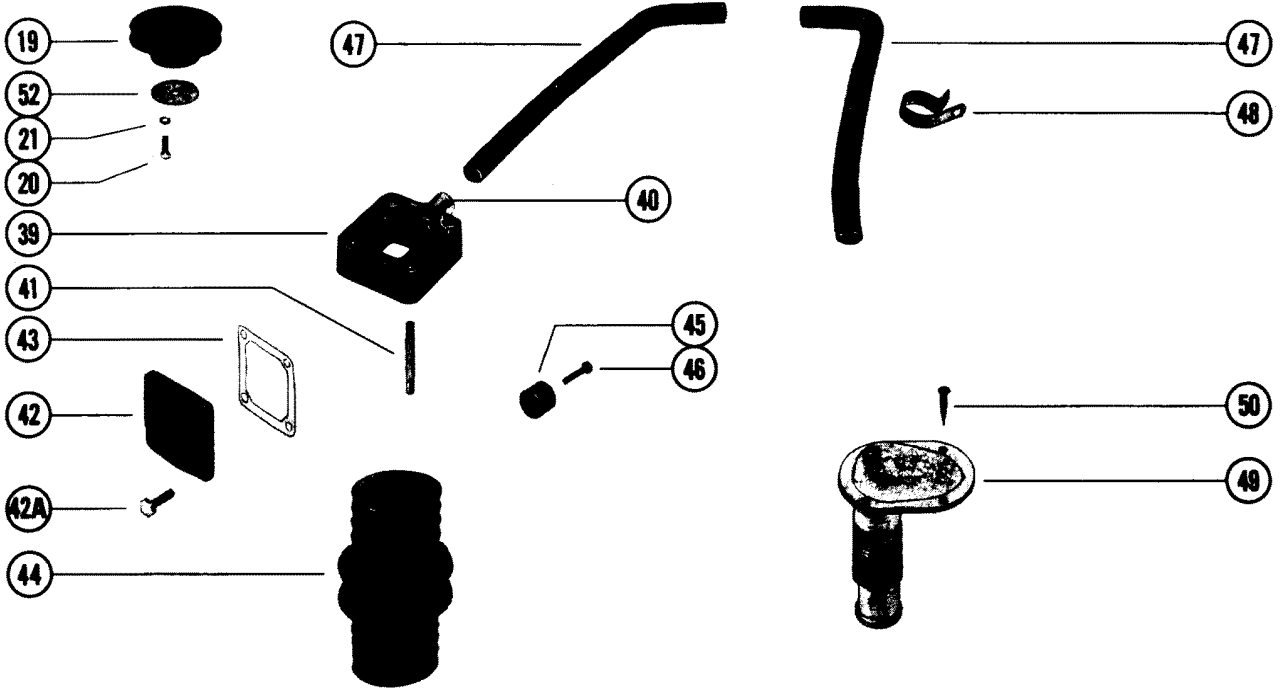
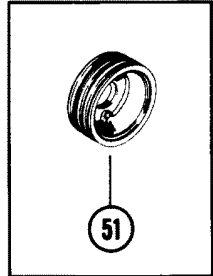
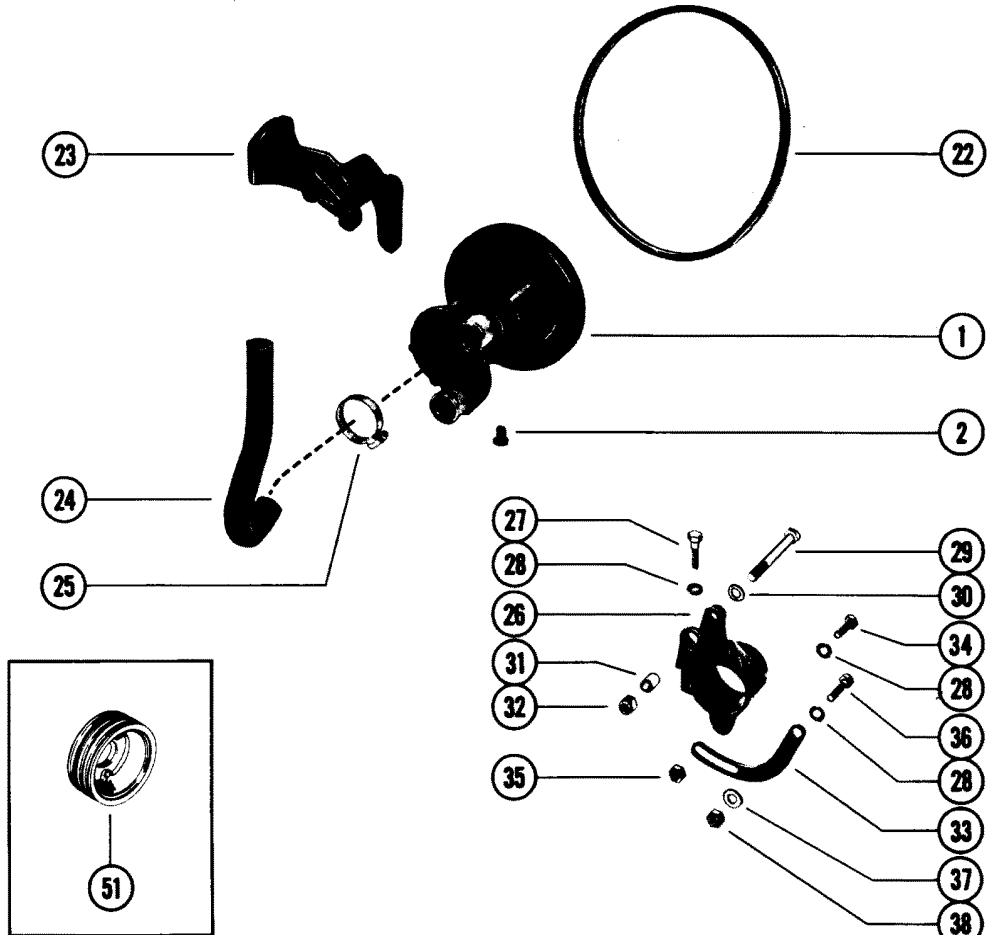
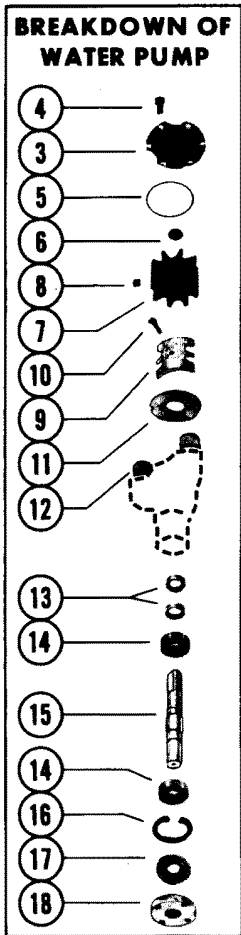
# INSTALLATION KIT (MCM 898, 228 AND 250)



## INSTALLATION KIT (MCM 898, 228 AND 250)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
38	26-23300		2	OIL &, WATER PUMP SHAFT
39	59501		1	SHAFT, WATER PUMP
40	30-72961		2	BEARING, WATER PUMP SHAFT
41	53-23720		1	RING, SNAP - BALL BEARING RETAINING
42	26-72785		1	OIL &, WATER PUMP SHAFT
43	47530		1	HUB, WATER PUMP PULLEY
44	47-59362A1		1	IMPELLER ASSEMBLY
45	28-56662		1	KEY, IMPELLER DRIVE
46	19-59504		1	PLUG, IMPELLER
47	10-63328		5	SCREW, COVER TO BODY (3 ")
48	12-20084		5	WASHER, COVER TO BODY SCREW
49	73798		1	PULLEY, WATER PUMP
50	58265		1	CLAMPING RING, PUMP PULLEY
51	10-47277		4	SCREW, PULLEY TO WATER PUMP
52	13-39107		4	LOCKWASHER, WATER PUMP PULLEY SCREW
53	22-39072		1	PLUG, WATER PUMP BODY
54	57-74271		1	BELT, WATER PUMP

# INSTALLATION KIT (MARINE 888 AND 233)



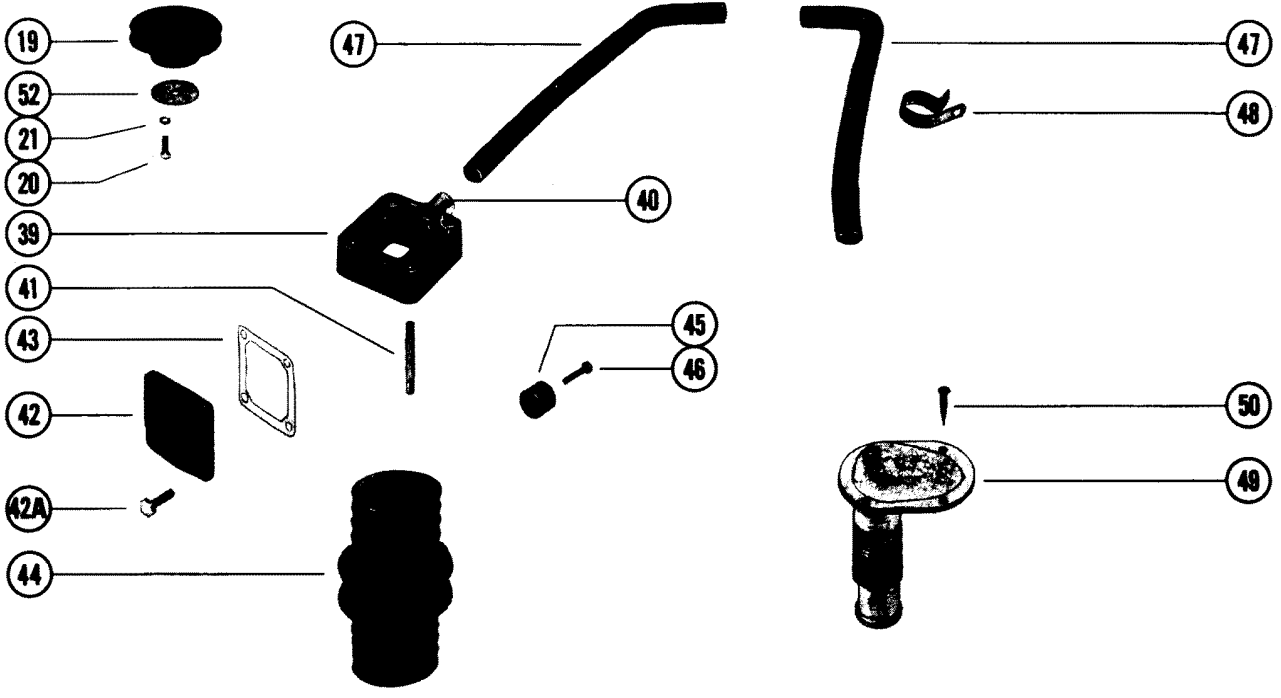
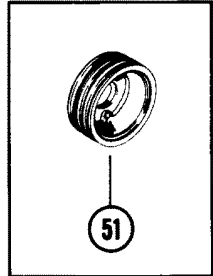
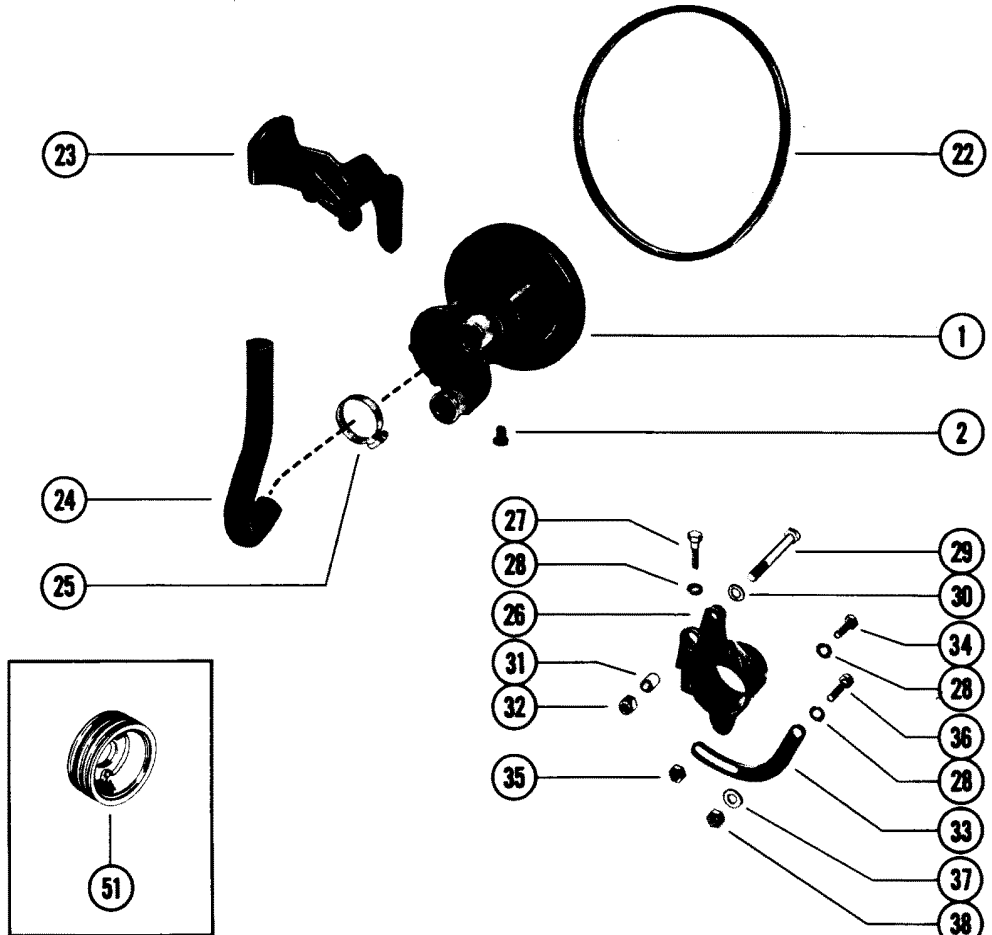
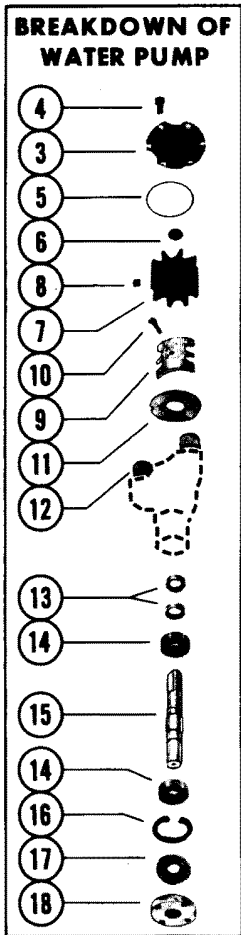


## INSTALLATION KIT (MARINE 888 AND 233)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	<b>61651A3</b>		1	<b>INSTALLATION KIT, FRESH WATER COOLING (SEE NOTE)</b>
1	46-72774A11		1	WATER PUMP ASSEMBLY, COMPLETE
2	22-39072		1	PLUG, PIPE - DRAIN
3	59155		1	COVER, WATER PUMP
4	10-28635		6	SCREW, COVER TO WATER PUMP (5/8")
5	25-59712		1	"O" RING, WATER PUMP COVER
6	19-59504		1	PLUG, IMPELLER
7	47-59362A1		1	IMPELLER
8	28-56662		1	KEY, IMPELLER DRIVE
9	59363A1		1	CAM SEGMENT ASSEMBLY
10	10-60777		1	SCREW, CAM SEGMENT ATTACHING (1/2")
11	59503		1	WEAR PLATE, IMPELLER
12	23-47511		2	SLEEVE, WATER PUMP
13	26-23300		2	OIL SEAL, WATER PUMP SHAFT
14	30-72961		2	BALL BEARING, WATER PUMP SHAFT
15	59501		1	SHAFT, WATER PUMP
16	53-23720		1	RING, SNAP - BALL BEARING RETAINING
17	26-72785		1	OIL SEAL, WATER PUMP SHAFT (LARGE)
18	47530		1	HUB, WATER PUMP PULLEY
19	73798		1	PULLEY, WATER PUMP
20	10-47277		4	SCREW, WATER PUMP PULLEY TO WATER PUMP (3/4")
21	13-39107		4	LOCKWASHER, WATER PUMP PULLEY SCREW
22	57-74271		1	"V" BELT, WATER PUMP
23	61859		1	BRACKET, ALTERNATOR
24	32-54906		1	HOSE, SEA WATER PUMP TO HEAT EXCHANGER( WITHOUT POWER STEERING)
	32-57230		1	HOSE, PUMP TO OIL COOLER (POWER STEERING (NOT AS SHOWN)
	32-57231		1	HOSE, OIL COOLER TO HEAT EXCHANGER(POWER STEERING (NOT AS SHOWN)
25	54-32780		2	CLAMP, HOSE TO SEA WATER PUMP AND HEAT EXCHANGER
26	49581		1	BRACKET, WATER PUMP TO ALTERNATOR BRACKET
27	10-34354		1	SCREW, CLAMPING - WATER PUMP BRACKET (1 1/2 )
28	13-35048		3	LOCKWASHER, WATER PUMP BRACKET CLAMPING SCREWS
29	10-52409		1	SCREW, WATER PUMP BRACKET TO ALTERNATOR BRACKET (3 1/4")
30	12-20553		1	WASHER, WATER PUMP BRACKET SCREW
31	23-33186		1	BUSHING, WATER PUMP BRACKET SCREW
32	11-23161		1	NUT, WATER PUMP BRACKET SCREW
33	61860		1	BRACE, WATER PUMP BRACKET
34	10-34353		1	SCREW, WATER PUMP BRACKET TO BRACE (1")
35	11-32219		1	NUT, WATER PUMP BRACKET BRACE SCREW

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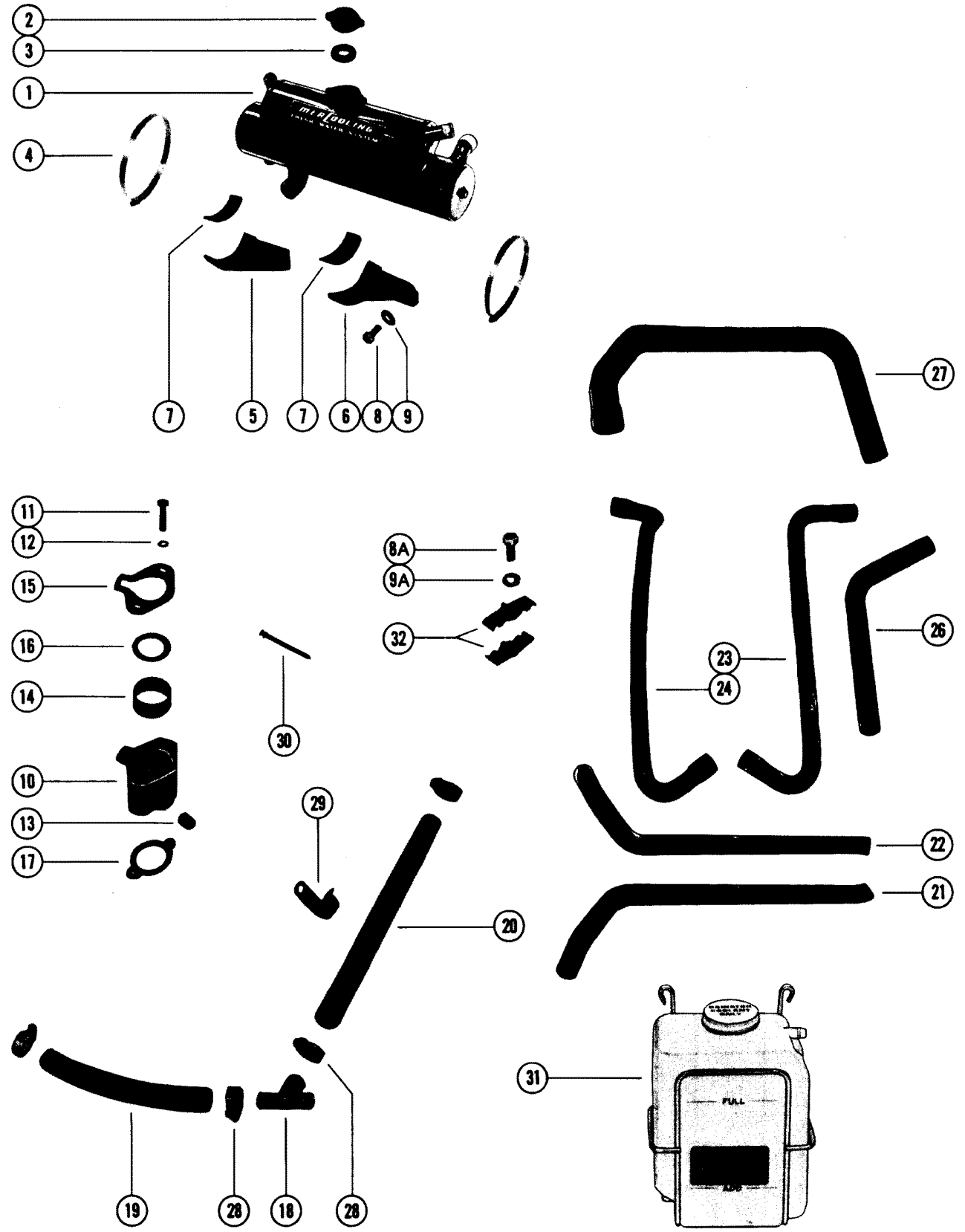
# INSTALLATION KIT (MARINE 888 AND 233)



## INSTALLATION KIT (MARINE 888 AND 233)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
36	10-26632		1	SCREWS WATER PUMP BRACE TO ALTERNATOR BRACKET (1 1/4")
37	12-34714		1	WASHER, WATER PUMP BRACE TO ALTERNATOR BRACKET SCREW
38	11-32219		1	NUT, WATER PUMP BRACE TO ALTERNATOR BRACKET SCREW
39	61937A1		2	WATER DISTRIBUTION HOUSING ASSEMBLY
40	23-52020		2	SLEEVE, WATER DISTRIBUTION HOUSING
41	16-52988		8	STUD, EXHAUST MANIFOLD TO EXHAUST ELBOW
42	73813A1		2	END CAP, EXHAUST MANIFOLD - REAR
42A	10-25299		8	SCREW, END CAP ATTACHING (3/4")
43	27-73814		2	GASKET, END CAP TO EXHAUST MANIFOLD
44	72408		2	BELLOWS, EXHAUST ELBOW
45	32877		1	COVER, WATER STOP - GIMBAL HOUSING
46	10-69100		2	SCREW, WATER STOP COVER PLATE TO GIMBAL HOUSING (1")
47	32-60211		2	HOSE, THERMOSTAT HOUSING TO WATER DISTRIBUTION HOUSING
48	54-62589		2	CLAMP, HOSE TO STARBOARD EXHAUST MANIFOLD
49	68670A2		2	WATER PICK-UP KIT, TRANSOM MOUNTING
50	10-68864		4	SCREW, WATER PICK-UP TO TRANSOM
51	56144		1	PULLEY, CRANKSHAFT
52	58265		1	CLAMPING RING, PUMP PULLEY

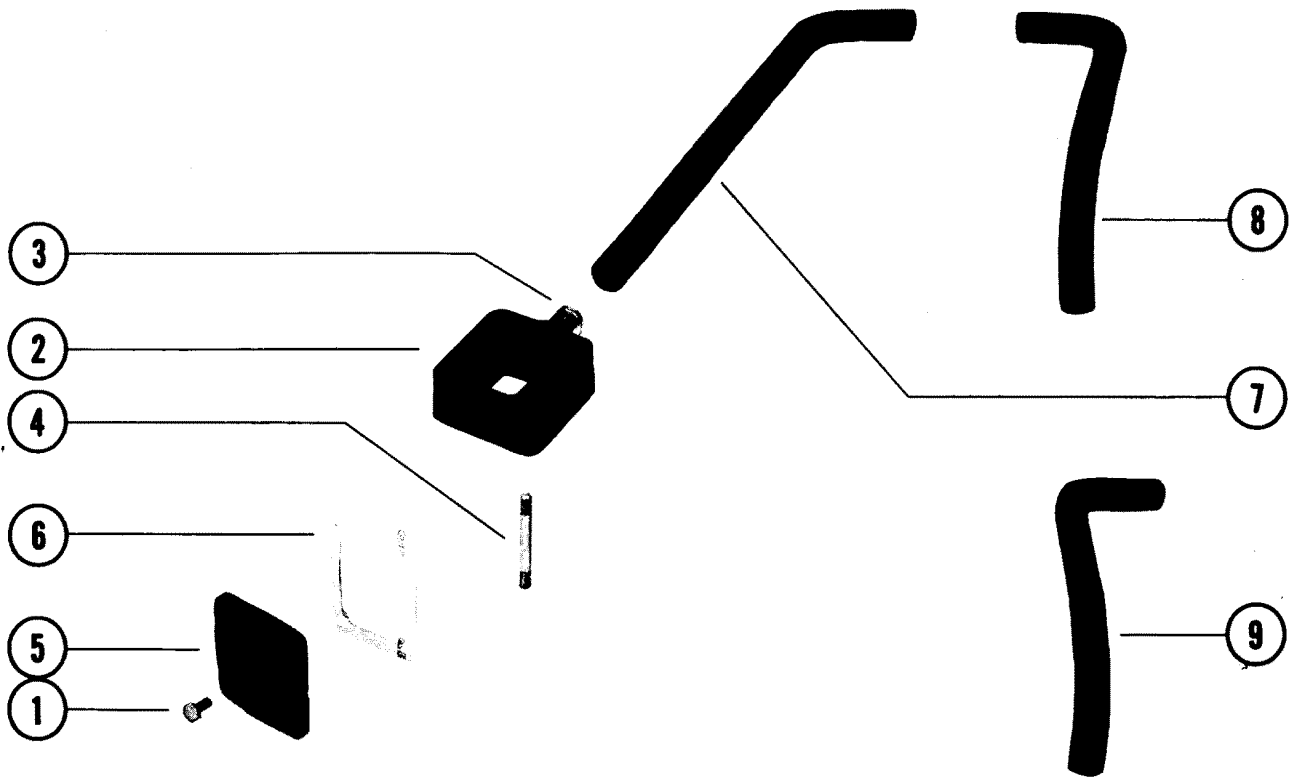
# FRESH WATER COOLING KIT (MIE 330)



## FRESH WATER COOLING KIT (MIE 330)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	79607A1		1	FRESH WATER COOLING KIT
2	36-55143		1	CAP, PRESSURE - HEAT EXCHANGER
3	27-71614		1	GASKET, PRESSURE CAP
4	54-31765		2	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKET
5	79605A1		1	BRACKET, MOUNTING (PORT)
6	79606A1		1	BRACKET, MOUNTING (STARBOARD)
7	67467		2	PAD, MOUNTING BRACKET
8	10-34353		2	SCREW, MOUNTING BRACKET TO ENGINE (1")
8A	10-47461		3	SCREW (1")DSEE NOTE BELOW
9	13-35048		2	LOCKWASHER, MOUNTING BRACKET SCREW
9A	13-37272		3	LOCKWASHER, BRACKET AND RETAINER SCREWS
10	55131		1	THERMOSTAT HOUSING
11	10-48115		2	SCREW, THERMOSTAT HOUSING ATTACHING (3 1/2")
12	13-37459		2	LOCKWASHER, THERMOSTAT HOUSING SCREW
13	22-47540		2	PLUG, PIPE - THERMOSTAT HOUSING
14	23-47508		1	SLEEVE, THERMOSTAT HOUSING
15	27-48818		1	GASKET, THERMOSTAT HOUSING - UPPER
16	27-47510		1	GASKET, THERMOSTAT HOUSING - MIDDLE
17	27-53045		1	GASKET, THERMOSTAT HOUSING - LOWER
18	22-63067		1	TEE, FITTING
19	32-55483		1	HOSE,TEE TO EXHAUST ELBOW (21 1/2")
20	32-78103		1	HOSE,HEAT EXCHANGER TO TEE - MOLDED
21	32-79674		1	HOSE,FRONT CAP TO HEAT EXCHANGER (PORT)
22	32-79675		1	HOSE,FRONT CAP TO HEAT EXCHANGER (STARBOARD)
23	32-79673		1	HOSE,THERMOSTAT HSG. TO REAR CAP (PORT)
24	32-79672		1	HOSE,THERMOSTAT HSG. TO REAR CAP (STARBOARD)
26	32-79671		1	HOSE,OIL COOLER TO HEAT EXCHANGER
27	32-79670		1	HOSE,HEAT EXCHANGER TO WATER PUMP
28	54-32780		6	CLAMP, HOSE ATTACHING
29	54-79679		2	CLIP, HOSE
30	61990		2	STA-STRAP
31	71587A2		1	COOLANT RECOVERY SYSTEM(SEE NOTE #1 BELOW)
32	63192		4	RETAINER, HIGH TENSION LEADS

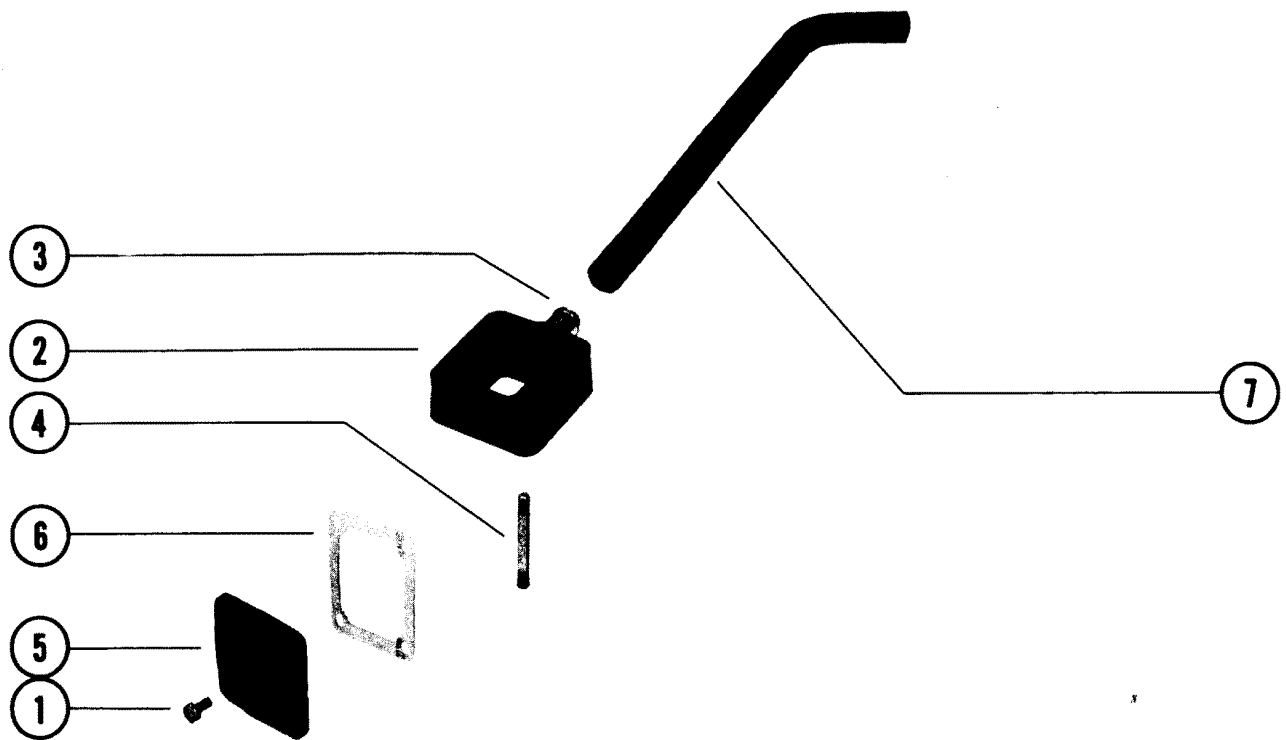
# INSTALLATION KIT (MARINE 255 AND 280)



## INSTALLATION KIT (MARINE 255 AND 280)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	74827A1		1	INSTALLATION KIT, COOLING(SEE NOTE)
-	22-33198		2	PLUG, EXHAUST ELBOW (3/4")
1	10-25299		8	SCREW, END CAP ATTACHING (3/4")
2	60390A1		1	WATER DISTRIBUTION HOUSING ASSEMBLY (STARBOARD)
3	23-52020		2	SLEEVE, WATER DISTRIBUTION HOUSING
-	22-32802		2	PLUG, EXHAUST ELBOW (1/8")
4	16-52988		4	STUD, EXHAUST MANIFOLD TO EXHAUST ELBOW (3 1/4")
2	60391A1		1	WATER DISTRIBUTION HOUSING ASSEMBLY (PORT)
3	23-52020		2	SLEEVE, WATER DISTRIBUTION HOUSING
-	22-32802		2	PLUG, EXHAUST ELBOW (1/8")
4	16-52988		4	STUD, EXHAUST MANIFOLD TO EXHAUST ELBOW (3 1/4")
5	73813A1		2	END CAP, EXHAUST MANIFOLD - REAR
6	27-73814		2	GASKET, END CAP TO EXHAUST MANIFOLD
7	32-55483		1	HOSE, PORT DISTRIBUTION BLOCK TO TEE FITTING
8	32-60057		1	HOSE, HEAT EXCHANGER TO DISTRIBUTION BLOCK (PORT)
9	32-60058		1	HOSE, HEAT EXCHANGER TO DISTRIBUTION BLOCK (STARBOARED)

# INSTALLATION KIT (MARINE 198, 228 AND 255)





## INSTALLATION KIT (MARINE 198, 228 AND 255)

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	<b>61937A2</b>		<b>1</b>	<b>INSTALLATION KIT, COOLING(SEE NOTE)</b>
1	10-25299		6	SCREW, END CAP ATTACHING (3/4")
	10-53016		2	SCREW, END CAP ATTACHING (1 1/4")
2	61937A1		2	WATER DISTRIBUTION HOUSING ASSEMBLY
3	23-52020		2	SLEEVE, WATER DISTRIBUTION HOUSING
4	16-52988		4	STUD, EXHAUST MANIFOLD TO EXHAUST ELBOW (3 1/4")
5	73813A1		2	END CAP, EXHAUST MANIFOLD - REAR
6	27-73814		2	GASKET, END CAP TO EXHAUST MANIFOLD
7	32-54862		1	HOSE, ELBOW TO TEE FITTING
-	<b>27-52076</b>		<b>4</b>	<b>GASKET, ELBOW TO MANIFOLD</b>

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
30915	INSERT, WATER PUMP BODY	7	75	36402A1	CONVERSION KIT, FRESH WATER COOLING (MARINE 190 & 225)SEE NOTE	17	-
32836	PLATE, FACE - WATER PUMP	7	70	36525	WATER TEMPERATURE SENDER ASSEMBLY	41	18
32877	COVER, WATER STOP - GIMBAL HOUSING	61	45	37344	CAP, PRESSURE - HEAT EXCHANGER	11	3
32877	COVER, WATER STOP - GIMBAL HOUSING	73	45	38731	END CAP, EXHAUST MANIFOLD (HOSE CONNECTOR)	13	44
32877	COVER, WATER STOP - GIMBAL HOUSING	83	15	38731A1	FRESH WATER COOLING KIT (MARINE 310)	13	--
32877	COVER, WATER STOP - GIMBAL HOUSING	89	45	38733	OIL COOLER	13	49
33919	HOUSING, THERMOSTAT - CYLINDER HEAD	19	24	38736A1	CONVERSION KIT, FRESH WATER COOLING (MARINE 310) - SEE NOTE	15	-
34625	SENDER,WATER TEMPERATURE	23	53	39190A5	HEAT EXCHANGER ASSEMBLY	19	1
35837A1	BRACKET ASSEMBLY, FRONT MOUNTING	17	1	39190A6	HEAT EXCHANGER KIT (BASIC) - MARINE 110, 120,140,150,160 AND 165	19	-
35838	PILOT EXTENSION, CRANKSHAFT PULLEY	17	6	39191	BRACKET, MOUNTING - HEAT EXCHANGER	21	33
35852	MOUNT, RUBBER - FRONT MOUNTING BRACKET	15	4	39191A1	FRESH WATER COOLING KIT SEE CHART IN NOTE	21	--
35852	MOUNT, RUBBER - FRONT MOUNTING BRACKET	17	5	39191A2	FRESH WATER COOLING KIT SEE CHART IN NOTE	21	--
35858	PILOT EXTENSION, CRANKSHAFT PULLEY	15	9	39191A3	FRESH WATER COOLING KIT SEE CHART IN NOTE	21	--
35884	THERMOSTAT	3	12	39191A4	FRESH WATER COOLING KIT SEE CHART IN NOTE	21	--
35884	THERMOSTAT	11	26	39191A5	FRESH WATER COOLING KIT SEE CHART IN NOTE	21	--
35884	THERMOSTAT	19	23	39192	BRACE, MOUNTING - HEAT EXCHANGER	21	36
35901A1	BRACKET ASSEMBLY, FRONT MOUNTING BELOW	15	1	39193	COVER, THERMOSTAT	19	20
36299	HOUSING, THERMOSTAT	11	25	39194	COVER, END - EXHAUST MANIFOLD	21	39
36300	TAB, THERMOSTAT HOUSING SCREW - THROTTLE RETURN SPRING	11	29	39197	CAP, RUBBER - EXHAUST MANIFOLD	21	44
36301	BRACKET, MOUNTING - HEAT EXCHANGER (PORT)	11	8	39200	COVER, END - EXHAUST MANIFOLD	21	42
36302	BRACKET, MOUNTING - HEAT EXCHANGER (STARBOARD)	11	9	39200	COVER, END - EXHAUST MANIFOLD	41	13
36303A1	HEAT EXCHANGER ASSEMBLY	11	1	39201	COVER, TOP - EXHAUST MANIFOLD	21	46
36303A2	HEAT EXCHANGER KIT (BASIC) - MARINE 190,225 AND 310 (SEE NOTE)	11	-	39202	BRACKET, MOUNTING - HEAT EXCHANGER(NOT AS SHOWN)	21	33
36306	HOUSING, WATER INLET - EXHAUST MANIFOLD BODY	13	39	39202A1	FRESH WATER COOLING KIT SEE CHART IN NOTE	21	--
36306A1	FRESH WATER COOLING KIT (MARINE 190 AND 225)	13	--	39202A2	FRESH WATER COOLING KIT SEE CHART IN NOTE	21	--
36309	PLATE, FACE - EXHAUST ELBOW USE WITH 32884 ELBOW	11	32	39202A3	FRESH WATER COOLING KIT SEE CHART IN NOTE	21	--
36310	PLATE, FACE - UPPER EXHAUST ELBOW USE WITH 35674 ELBOW	13	35	39202A4	FRESH WATER COOLING KIT SEE CHART IN NOTE	21	--

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
39203	BRACE, MOUNTING - HEAT EXCHANGER NOT AS SHOWN) . . . . .	21	36	52884A1	HOUSING ASSEMBLY, WATER DISTRIBUTION (LEFT SIDE) . . . . .	27	30
39441	CAP, PRESSURE - HEAT EXCHANGER FILLER . . . .	19	2	52884A1	HOUSING ASSEMBLY, WATER DISTRIBUTION (LEFT SIDE) . . . . .	29	15
39736A2	RESERVOIR ASSEMBLY, FRESH WATER . . . . .	3	1	52885A1	HOUSING ASSEMBLY, WATER DISTRIBUTION (RIGHT SIDE) . . . . .	27	30
39738	TUBE, OVERFLOW-RESERVOIR . . . . .	3	3	52885A1	HOUSING ASSEMBLY, WATER DISTRIBUTION (RIGHT SIDE) . . . . .	29	16
39739	CAP, WATER FILLER - RESERVOIR . . . . .	3	5	52965A1	FRESH WATER COOLING KIT (MARINE 250) . . . . .	25	1
39746	BRACKET, MOUNTING - HEAT EXCHANGER . . . . .	5	47	52966A1	FRESH WATER COOLING KIT (MARINE 325) . . . . .	25	1
39749A1	HEAT EXCHANGER ASSEMBLY . . . . .	5	39	54764	SPACER, THERMOSTAT HOUSING . . . . .	25	21
39749A2	FRESH WATER COOLING KIT (SEE NOTE BELOW) .	7	-	54765	BRACKET, TIE-DOWN - HEAT EXCHANGER (THERMOSTAT COVER) .	25	14
39749A2	FRESH WATER COOLING KIT(SEE NOTE) . . . . .	3	-	54766	BRACKET, MOUNTING - HEAT EXCHANGER (RIGHT SIDE) . . . . .	25	10
39754	PULLEY, WATER PUMP . . .	7	66	54767	BRACKET, MOUNTING - HEAT EXCHANGER (LEFT SIDE) . . . . .	25	2
39755	BRACE, MOUNTING - WATER PUMP . . . . .	9	94	54768	THERMOSTAT . . . . .	25	20
39756	"F BELT, FLYWHEEL PULLEY AND WATER PUMP PULLEY . . . . .	9	100	54771	SPACER, THERMOSTAT HOUSING . . . . .	25	21
39762	PULLEY, FLYWHEEL . . . . .	9	101	54772	BRACKET, TIE-DOWN-HEATEXCHANGER(THERMOSTAT COVER)-NOT AS SHOWN . . . . .	25	14
45139	COVER, END - EXHAUST MANIFOLD . . . . .	21	39	54773	BRACKET, MOUNTING - HEAT EXCHANGER (LEFT SIDE) -NOT AS SHOWN . .	25	2
45915	TERMINAL BLOCK . . . . .	29	2	54774	BRACKET, MOUNTING - HEAT EXCHANGER (RIGHT SIDE) -NOT AS SHOWN . . . . .	25	10
46055A1	BRACKET ASSEMBLY, MOUNTING - HEAT EXCHANGER AND PUMP	7	86	54775	THERMOSTAT . . . . .	25	20
47488	BRACKET, WATER PUMP . .	83	1	54870	END CAP, EXHAUST MANIFOLD - REAR . . . . .	55	4
47530	HUB, WATER PUMP PULLEY	59	18	54870	END CAP, EXHAUST MANIFOLD - REAR . . . . .	61	42
47530	HUB, WATER PUMP PULLEY	71	18	54870	END CAP, EXHAUST MANIFOLD - REAR . . . . .	73	42
47530	HUB, WATER PUMP PULLEY	85	43	55075A1	HEAT EXCHANGER ASSEMBLY . . . . .	31	40
47530	HUB, WATER PUMP PULLEY	87	18	55075A1	HEAT EXCHANGER ASSEMBLY . . . . .	35	18
47587	BLOCK, WATER DISTRIBUTION - CYLINDER HEAD . . . . .	41	1	55124	PADDING, MOUNTING STRAP . . . . .	31	54
47587A1	HI-CAPACITY COOLING KIT	41	-	55124	PADDING, MOUNTING STRAP . . . . .	35	30
47588	COVER, THERMOSTAT-WATER DISTRIBUTION BLOCK . . . . .	41	6	55125A4	FRESH WATER COOLING KIT (SEE NOTE) . . . . .	35	-
47594	THERMOSTAT . . . . .	41	4	55125A4	FRESH WATER COOLING KIT (SEE NOTE BELOW) .	39	-
48401	COVER, TOP - EXHAUST MANIFOLD . . . . .	41	8				
48799	CAP, MANIFOLD WATER INLET CONNECTOR . . . .	41	19				
48815	TUBE, WATER PICK -UP . . .	61	51				
49551A1	WATER PICK-UP KIT, TRANSOM MOUNTING . .	61	49				
49581	BRACKET, WATER PUMP TO ALTERNATOR BRACKET .	59	26				
49581	BRACKET, WATER PUMP TO ALTERNATOR BRACKET .	71	26				
49581	BRACKET, WATER PUMP TO ALTERNATOR BRACKET .	87	26				

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
55125A7	RESERVOIR ASSEMBLY ...	31	29	57926	BRACE, RE SERVOIR TO INTAKE MANIFOLD (INBOARD) .....	35	15
55125A7	RESERVOIR ASSEMBLY ...	35	1				
55125A9	FRESH WATER COOLING KIT(SEE NOTE) .....	29	-	58036A2	RESISTOR ASSEMBLY, WATER TEMPERATURE GAUGE .....	29	1
55125A9	FRESH WATER COOLING KIT(SEE NOTE) .....	31	--				
55127	END CAP, EXHAUST MANIFOLD AND RESERVOIR .....	33	69	58105A1	INSTALLATION KIT, COOLING (MARINE 270) .....	31	--
55128	END CAP, EXHAUST MANIFOLD AND RESERVOIR .....	33	69	58106A1	INSTALLATION KIT, COOLING (MARINE INBOARD 270) .	31	--
55128	END CAP, EXHAUST MANIFOLD AND RESERVOIR .....	35	7	58107A1	INSTALLATION KIT, COOLING (MARINE 325) .....	31	--
55129	END CAP, HEAT EXCHANGER .....	31	45	58108A1	INSTALLATION KIT, COOLING (MARINE INBOARD 325) .	31	--
55129	END CAP, HEAT EXCHANGER .....	35	23	58265	CLAMPING RING, PUMP PULLEY .....	85	50
55131	HOUSING, THERMOSTAT ..	31	61	58265	CLAMPING RING, PUMP PULLEY .....	89	52
55131	THERMOSTAT HOUSING ..	63	16	58652	PLATE, END CAP TO EXHAUST MANIFOLD ...	35	10
55131	THERMOSTAT HOUSING ..	65	15	59137	THERMOSTAT .....	45	28
55131	THERMOSTAT HOUSING ..	81	10	59155	COVER, WATER PUMP ....	59	3
55131	THERMOSTAT HOUSING ..	91	10	59155	COVER, WATER PUMP ....	71	3
55132	HOUSING, THERMOSTAT ..	31	61	59155	COVER, WATER PUMP ....	87	3
55132	THERMOSTAT HOUSING ..	67	10	59363A1	CAM SEGMENT ASSEMBLY	59	9
55132	THERMOSTAT HOUSING ..	75	10	59363A1	CAM SEGMENT ASSEMBLY	71	9
55132	THERMOSTAT HOUSING ..	77	8	59363A1	CAM SEGMENT ASSEMBLY	87	9
55132	THERMOSTAT HOUSING ..	79	7	59497A1	THERMOSTAT HOUSING ASSEMBLY .....	57	1
55139	COVER, THERMOSTAT ....	33	62	59501	SHAFT, WATER PUMP ....	59	15
55140	COVER, THERMOSTAT ....	33	62	59501	SHAFT, WATER PUMP ....	71	15
55141	COVER, THERMOSTAT ....	31	62	59501	SHAFT, WATER PUMP ....	85	39
55142	COVER, THERMOSTAT ....	33	62	59501	SHAFT, WATER PUMP ....	87	15
55145	STRAP, MOUNTING - HEAT EXCHANGER TO RESERVOIR .....	31	53	59503	WEAR PLATE, IMPELLER ..	59	11
55145	STRAP, MOUNTING - HEAT EXCHANGER TO RESERVOIR .....	35	29	59503	WEAR PLATE, IMPELLER ..	71	11
55208A1	END CAP ASSEMBLY, HEAT EXCHANGER .....	31	42	59503	WEAR PLATE, IMPELLER ..	87	11
55208A1	END CAP ASSEMBLY, HEAT EXCHANGER .....	35	20	59762	PULLEY, WATER PUMP ...	59	19
55730	PLATE, EXHAUST ELBOW TO EXHAUST MANIFOLD	39	58	59762	PULLEY, WATER PUMP ...	71	19
55730	PLATE, FACE - EXHAUST ELBOW .....	49	18	60390A1	WATER DISTRIBUTION HOUSING ASSEMBLY (STARBOARD) .....	93	2
55730	PLATE, FACE - EXHAUST ELBOW .....	51	32	60391A1	WATER DISTRIBUTION HOUSING ASSEMBLY (PORT) .....	93	2
55730	PLATE, FACE - EXHAUST ELBOW .....	53	29	60422	PLATE, ADAPTOR - RESERVOIR MOUNTING STUD .....	33	65
55730	PLATE, FACE - EXHAUST ELBOW .....	69	28	61086A4	FRESH WATER COOLING KIT (MARINE 120, 140, 160 AND 165)-SEE NOTE #L .	45	1
56144	PULLEY, CRANKSHAFT ...	89	51	61114A1	FRESH WATER COOLING KIT (MARINE 325) .....	63	1
57619	COVER, THERMOSTAT ....	39	36	61414	BRACKET, MOUNTING (PORT) .....	63	5
57619	COVER, THERMOSTAT ....	49	9	61415	BRACKET, MOUNTING (STARBOARD) .....	63	8
57619	COVER, THERMOSTAT ....	53	13	61416	BRACKET, MOUNTING - (PORT) .....	49	3
57925	BRACE, RESERVOIR TO INTAKE MANIFOLD (MERCUISER) .....	35	15	61417	BRACKET, MOUNTING - (STARBOARD) .....	49	4

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
61418A1	FRESH WATER COOLING KIT (MCM 888,AND MIE 215) - SEE NOTE	49	1	62181	BELLOWS, EXHAUST ELBOW	61	44
61651A1	INSTALLATION KIT, FRESH WATER COOLING (MCM 888) - SEE NOTE	59	-	62181	BELLOWS, EXHAUST ELBOW	73	44
61651A2	INSTALLATION KIT, FRESH WATER COOLING	71	--	62253A1	COOLER MOUNTING KIT (SEE NOTE)	43	1
61651A3	INSTALLATION KIT, FRESH WATER COOLING (SEE NOTE)	87	-	62382	BRACKET, MOUNTING (STARBOARD)	51	9
61804A1	FRESH WATER COOLING KIT (MARINE 255) - SEE NOTE	53	1	62383	BRACKET, MOUNTING (PORT)	51	8
61859	BRACKET, ALTERNATOR	59	23	62472A3	FRESH WATER COOLING KIT (MARINE 888,215 AND 225)-SEE NOTE #1	51	1
61859	BRACKET, ALTERNATOR	71	23	62588	PLATE, THERMOSTAT HOUSING	53	15
61859	BRACKET, ALTERNATOR	87	23	62588	PLATE, THERMOSTAT HOUSING (NOT USED ON LATER KITS)	51	19
61860	BRACE, WATER PUMP BRACKET	59	33	62711	STA-STRAP, RESERVOIR AND EXHAUST MANIFOLD HOSE	47	35
61860	BRACE, WATER PUMP BRACKET	71	33	62898	COVER, THERMOSTAT	57	3
61860	BRACE, WATER PUMP BRACKET	87	33	63107A2	FRESH WATER COOLING KIT (MARINE 325)	65	1
61893A1	RESERVOIR ASSEMBLY	45	29	63107A3	FRESH WATER COOLING KIT (MARINE 350)	81	1
61895	BRACKET, MOUNTING - HEAT EXCHANGER TO ENGINE (FRONT)	45	7	63108	BRACKET, MOUNTING (PORT)	65	7
61897	BRACKET, MOUNTING - HEAT EXCHANGER TO ENGINE (REAR UPPER)	45	12	63108	BRACKET, MOUNTING (PORT)	81	3
61899	BRACKET, MOUNTING - HEAT EXCHANGER TO ENGINE (REAR LOWER)	45	11	63109	BRACKET, MOUNTING (STARBOARD)	65	10
61937A1	WATER DISTRIBUTION HOUSING ASSEMBLY	55	1	63109	BRACKET, MOUNTING (STARBOARD)	81	6
61937A1	WATER DISTRIBUTION HOUSING ASSEMBLY	61	39	63192	RETAINER, HIGH TENSION LEADS	91	32
61937A1	WATER DISTRIBUTION HOUSING ASSEMBLY	73	39	63675A1	INSTALLATION KIT, COOLING (MCM 225 AND 255) - SEE NOTE	55	-
61937A1	WATER DISTRIBUTION HOUSING ASSEMBLY	83	18	63895	BRACKET, MOUNTING (PORT)	53	7
61937A1	WATER DISTRIBUTION HOUSING ASSEMBLY	89	39	63896	BRACKET, MOUNTING (STARBOARD)	53	8
61937A1	WATER DISTRIBUTION HOUSING ASSEMBLY	95	2	63918A1	HEAVY DUTY COOLING KIT( SEE NOTE)	57	-
61937A2	INSTALLATION KIT, COOLING(SEE NOTE)	95	-	65131	CAP, HEAT EXCHANGER END	49	1A
61990	STA STRAP	49	24	65131	CAP, HEAT EXCHANGER END	63	2
61990	STA STRAP	51	30	66221	CAP, HEAT EXCHANGER END	45	3
61990	STA STRAP	53	27	66221	END CAP, HEAT EXCHANGER	51	4
61990	STA STRAP	63	32	66222	END CAP, HEAT EXCHANGER	53	3
61990	STA STRAP	65	29	66222	END CAP, HEAT EXCHANGER	65	3
61990	STA STRAP	67	24	67464	THERMOSTAT	51	17
61990	STA STRAP	69	26	67464	THERMOSTAT	69	20
61990	STA-STRAP	75	30				
61990	STA-STRAP	77	21				
61990	STA-STRAP	79	20				
61990	STA-STRAP	81	24				
61990	STA-STRAP	91	30				
62181	BELLOWS, EXHAUST	55	6				

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
67465A1	THERMOSTAT HOUSING ASSEMBLY	69	12	72777	WEAR PLATE	83	31
67467	PAD, HEAT EXCHANGER	51	13	72778	WEAR PLATE	83	36
67467	PAD, MOUNTING BRACKET	69	11	73798	PULLEY, WATER PUMP	85	49
67467	PAD, MOUNTING BRACKET	75	7	73798	PULLEY, WATER PUMP	87	19
67467	PAD, MOUNTING BRACKET	77	4A	73813A1	END CAP, EXHAUST MANIFOLD - REAR	83	25
67467	PAD, MOUNTING BRACKET	91	7	73813A1	END CAP, EXHAUST MANIFOLD - REAR	89	42
68670A2	THRU HULL FITTING ASSEMBLY	73	49	73813A1	END CAP, EXHAUST MANIFOLD - REAR	93	5
68670A2	THRU HULL WATER INTAKE ASSEMBLY	83	27	73813A1	END CAP, EXHAUST MANIFOLD - REAR	95	5
68670A2	WATER PICK-UP KIT, TRANSOM MOUNTING	89	49	74632A1	BRACKET, MOUNTING (STARBOARD)	77	4
68673A1	THERMOSTAT HOUSING ASSEMBLY	45	22	74633A1	BRACKET, MOUNTING (PORT)	77	3
71165A1	FRESH WATER COOLING KIT	67	1	74643A1	FRESH WATER COOLING KIT	77	1
71165A2	FRESH WATER COOLING KIT	79	1	74827A1	INSTALLATION KIT, COOLING(SEE NOTE)	93	-
71587A2	COOLANT RECOVERY KIT (SEE NOTE # 1 BELOW)	67	--	74829	PLATE, ELBOW TO MANIFOLD	79	24
71587A2	COOLANT RECOVERY KIT (SEE NOTE #2)	47	--	74829	PLATE, EXHAUST MANIFOLD TO EXHAUST ELBOW	77	25
71587A2	COOLANT RECOVERY KIT (SEE NOTE #2)	51	--	74829	PLATE, EXHAUST MANIFOLD TO EXHAUST ELBOW	81	27
71587A2	COOLANT RECOVERY KIT(SEE NOTE #1 BELOW)	81	--	77518A1	INSTALLATION KIT, FRESH WATER COOLING	83	-
71587A2	COOLANT RECOVERY KIT(SEE NOTE #1)	65	--	78092A1	BRACKET, MOUNTING (PORT) SEE NOTE	75	5
71587A2	COOLANT RECOVERY KIT(SEE NOTE #1)	77	--	78093A1	BRACKET, MOUNTING (STARBOARD) SEE NOTE	75	6
71587A2	COOLANT RECOVERY KIT(SEE NOTE #1)	79	--	78094A1	FRESH WATER COOLING KIT	75	1
71587A2	COOLANT RECOVERY SYSTEM (SEE NOTE #1)	75	31	79605A1	BRACKET, MOUNTING (PORT)	91	5
71587A2	COOLANT RECOVERY SYSTEM(SEE NOTE #1 BELOW)	91	31	79606A1	BRACKET, MOUNTING (STARBOARD)	91	6
71627	BRACKET, MOUNTING (PORT)	67	5	79607A1	FRESH WATER COOLING KIT	91	1
71627	BRACKET, MOUNTING (PORT)	79	2	10-20090	SCREW, HEAT EXCHANGER BRACKET TO FRONT BRACKET (1")	11	10
71628	BRACKET, MOUNTING (STARBOARD)	67	6	10-20359	SCREW, BRACE TO INTAKE MANIFOLD (1")	35	17
71628	BRACKET, MOUNTING (STARBOARD)	79	3	10-20359	SCREW, HEAT EXCHANGER TO BRACKETS	63	13
71648	BRACE, WATER PUMP	83	7	10-20359	SCREW, MOUNTING BRACKET TO HEAT EXCHANGER (1")	11	13
72114A1	FRESH WATER COOLING KIT- SEE NOTE # 1	69	1	10-20359	SCREW, THERMOSTAT COVER TO THERMOSTAT HOUSING (1")	19	21
72115	BRACKET, MOUNTING (PORT)	69	7	10-20359	SCREW, THERMOSTAT HOUSING TO CYLINDER BLOCK (1")	45	24
72116	BRACKET, MOUNTING (STARBOARD)	69	8				
72408	BELLOWS, EXHAUST ELBOW	83	17				
72408	BELLOWS, EXHAUST ELBOW	89	44				
72776	COVER, WATER PUMP	83	33				

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
10-20362	SCREW, END CAP TO EXHAUST MANIFOLD (1 1/2")	35	12	10-26632	SCREW, WATER PUMP BRACE TO ALTERNATOR BRACKET (1 1/4")	71	36
10-21077	SCREW, HEAT EXCHANGER TO MOUNTING BRACKETS (7/8")	5	45	10-26632	SCREWS WATER PUMP BRACE TO ALTERNATOR BRACKET (1 1/4")	89	36
10-21077	SCREW, MOUNTING BRACKET TO ENGINE (7/8") - MARINE 120, 140	45	15	10-26801	SCREW, RETAINER CLAMP TO ENGINE (5/8")	27	37
10-21077	SCREW, THERMOSTAT COVER TO RESERVOIR (7/8")	3	10	10-27165	SCREW, CLAMP TO MOUNTING BRACKET	43	3
10-21625	SCREW, MOUNTING BRACKET ATTACHING (3/4")	45	13	10-27165	SCREW, FRONT MOUNTING BRACKET TO HEAT EXCHANGER (3/4")	45	8
10-21951	SCREW, UPPER EXHAUST ELBOW CLAMPING (1 1/4") 35674 ELBOW	13	36	10-27165	SCREW, OIL COOLER HOSE ATTACHING CLIP (3/4")	63	--
10-24217	SCREW, EXHAUST ELBOW CLAMPING (1 1/2") USE WITH 32884 ELBOW	11	33	10-28464	SCREW, MOUNTING BRACKET TO HEAT EXCHANGER (1 1/2")	11	12
10-24217	SCREW, IGNITION COIL TO MOUNTING BRACE (1 1/2")	19	15	10-28635	SCREW, COVER TO WATER PUMP (5/8")	59	4
10-24234	SCREW, BRACKET TO THERMOSTAT HOUSING (1")	33	64	10-28635	SCREW, COVER TO WATER PUMP (5/8")	71	4
10-25292	SCREW, MOUNTING BRACE TO MOUNTING BRACKET (1 1/2")	9	95	10-28635	SCREW, COVER TO WATER PUMP (5/8")	87	4
10-25299	SCREW, END CAP ATTACHING (3/4")	83	24	10-28642	SCREW, WATER PUMP DRIVE (1/4")	83	34
10-25299	SCREW, END CAP ATTACHING (3/4")	89	42A	10-29672	SCREW, WATER PICK-UP TO TRANSOM (4 1/2")	61	52
10-25299	SCREW, END CAP ATTACHING (3/4")	93	1	10-30009	SCREW, RESISTOR TO TERMINAL BLOCK	29	3
10-25299	SCREW, END CAP ATTACHING (3/4")	95	1	10-31827	SCREW, WATER INLET HOUSING TO EXHAUST MANIFOLD BODY (3")	13	41
10-25299	SCREW, PULLEY TO FLYWHEEL (11/16")	9	102	10-31984	SCREW, MOUNTING BRACE TO WATER PUMP (1 3/8")	9	98
10-26486	SCREW, MOUNTING BRACKET TO ENGINE (2 3/8")	25	3	10-31984	SCREW, THERMOSTAT COVER TO ENGINE BLOCK (1 3/8")	49	12
10-26487	SCREW, HEAT EXCHANGER TO MOUNTING BRACKET (LOWER) - 1 1/8"	21	34	10-32775	SCREW, WATER PUMP TO MOUNTING BRACKET (3 1/2")	7	90
10-26487	SCREW, MOUNTING BRACKET TO CYLINDER BLOCK (1 1/8")	19	13	10-33008	SCREW, OUTLET HOUSING TO INLET HOUSING (3 1/2")	7	84
10-26487	SCREW, MOUNTING BRACKET TO CYLINDER BLOCK (1 1/8")	19	9	10-33158	BOLT, THRU - HEAT EXCHANGER TO MOUNTING BRACE (5 1/2")	19	17
10-26632	SCREW, MOUNTING BRACKET TO ENGINE (1 1/4") - MARINE 165	45	16	10-33389	SCREW, BRACKET AND SPACER TO THERMOSTAT HOUSING (4 1/4")	25	15
10-26632	SCREW, THERMOSTAT HOUSING TO INTAKE MANIFOLD (1 1/4")	11	28	10-34353	SCREW, MOUNTING BRACKET TO ENGINE (1")	91	8
10-26632	SCREW, WATER PUMP BRACE TO ALTERNATOR BRACKET (1 1/4")	61	36	10-34353	SCREW, STARBOARD MOUNTING BRACKET TO ENGINE (1")	77	5
				10-34353	SCREW, STARBOARD MOUNTING BRACKET TO ENGINE (1")	79	4

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
10-34353	SCREW, WATER PUMP BRACKET TO BRACE (1")	59	34	10-35786	SCREW, PULLEY AND SPACER TO HARMONIC BALANCER (1")	17	9
10-34353	SCREW, WATER PUMP BRACKET TO BRACE (1")	71	34	10-35786	SCREW, WATER PUMP BRACE TO WATER PUMP BRACKET (1")	83	8
10-34353	SCREW, WATER PUMP BRACKET TO ENGINE (1")	83	2	10-35787	SCREW, WATER PUMP TO FRONT MOUNTING BRACKET (2 1/4")	17	13
10-34354	SCREW, CLAMPING - WATER PUMP BRACKET (1 1/2 ")	83	5	10-35788	SCREW, FRONT MOUNTING BRACKET TO CYL. BLOCK (1 3/4")	17	16
10-34354	SCREW, CLAMPING - WATER PUMP BRACKET (1 1/2 )	87	27	10-35869	SCREW, FRONT MOUNTING BRACKET TO ENGINE (1 3/4")	15	5
10-34354	SCREW, CLAMPING - WATER PUMP BRACKET (1 1/2")	59	27	10-35870	SCREW, RESERVOIR TO THERMOSTAT HOUSING (2")	45	30
10-34354	SCREW, CLAMPING - WATER PUMP BRACKET (1 1/2")	71	27	10-35870	SCREW, WATER PUMP TO FRONT MOUNTING BRACKET (2")	15	7
10-34354	SCREW, END CAP TO HEAT EXCHANGER (1 1/2")	5	43	10-35871	SCREW, CRANKSHAFT PULLEY TO HARMONIC BALANCER (1 1/2")	15	11
10-34354	SCREW, END CAP TO HEAT EXCHANGER (1 1/2")	11	6	10-36359	SCREW, FRONT MOUNTING BRACKET TO ENGINE (5")	45	10
10-34354	SCREW, END CAP TO HEAT EXCHANGER (1 1/2")	19	5	10-37388	SCREW, PULLEY AND BALANCER TO CRANKSHAFT (2 3/4")	17	8
10-34354	SCREW, HEAT EXCHANGER TO MOUNTING BRACKET (1 1/2")	25	7	10-37388	SCREW, PULLEY TO CRANKSHAFT (2 3/4")	15	13
10-34354	SCREW, HEAT EXCHANGER TO MOUNTING BRACKET (LOWER) - 1 1/2"	21	34	10-37612	SCREW, BRACE TO ENGINE (1 1/4")	83	11
10-34354	SCREW, HOSE CLIP (1 1/2")	73	52	10-37612	SCREW, MOUNTING BRACKET TO ENGINE (1 1/4")	75	8
10-34354	SCREW, PORT MOUNTING BRACKET TO ENGINE - LOWER (1 1/2")	65	8	10-37612	SCREW, STARBOARD MOUNTING BRACKET TO ENGINE (1 1/4")	67	7
10-34354	SCREW, PORT MOUNTING BRACKET TO ENGINE - LOWER (1 1/2")	81	4	10-37612	SCREW, THERMOSTAT HOUSING TO CYLINDER BLOCK (1 1/4")	45	24
10-34354	SCREW, PORT MTG. BRACKET TO ENGINE - LOWER (1 1/2")	63	6	10-37612	SCREW, TIE-DOWN BRACKET TO HEAT EXCHANGER (1 1/4")	25	16
10-35192	SCREW, THERMOSTAT COVER TO WATER DISTRIBUTION BLOCK (3/4")	41	7	10-37612	SCREW, TIE-DOWN BRACKET TO HEAT EXCHANGER (1 1/4")	25	16
10-35385	SCREW, THERMOSTAT COVER TO ENGINE BLOCK (1 3/4")	53	17	10-37626	SCREW, MOUNTING BRACKET TO CYLINDER BLOCK (4 1/4")	7	91
10-35386	SCREW, END CAP TO EXHAUST MANIFOLD (1")	31	36	10-39740	SCREW, RESERVOIR TO CYLINDER HEAD (25MM)	3	13
10-35785	SCREW, THERMOSTAT HSG./INTAKE MANIFOLD (3 1/4")	63	22	10-39747	SCREW, MOUNTING BRACKET ATTACHING (8MM X 25MM)	7	87
10-35785	SCREW, WATER PUMP TO FRONT MOUNTING BRACKET (3 1/4")	17	12	10-39747	SCREW, MOUNTING BRACKET TO CYLINDER BLOCK (25MM)	5	48
10-35785	SCREW, THERMOSTAT HOUSING COVER TO INTAKE MANIFOLD (3 1/4")	33	63				



# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
10-39970	SCREW, END COVER TO EXHAUST MANIFOLD (7/8")	21	41	10-48115	SCREW, THERMOSTAT COVER/THERMOSTAT HOUSING TO MANIFOLD (3 1/2")	29	8
10-45363	SCREW, MOUNTING BRACKET TO ENGINE (2 1/2")	25	11	10-48115	SCREW, THERMOSTAT HOUSING AND COVER TO INTAKE MANIFOLD (3 1/2")	65	21
10-45363	SCREW, MOUNTING BRACKET TO ENGINE (2 1/2")	25	11	10-48115	SCREW, THERMOSTAT HOUSING AND COVER TO INTAKE MANIFOLD (3 1/2")	67	16
10-45363	SCREW, MOUNTING BRACKET TO ENGINE (2 1/2")	25	3	10-48115	SCREW, THERMOSTAT HOUSING AND COVER TO INTAKE MANIFOLD (3 1/2")	77	14
10-45754	SCREW, MOUNTING BRACKET TO ENGINE (2 1/8")	25	3	10-48115	SCREW, THERMOSTAT HOUSING AND COVER TO INTAKE MANIFOLD (3 1/2")	79	13
10-46037	SCREW, MOUNTING BRACKET ATTACHING (LOMM X 28MM)	7	87	10-48115	SCREW, THERMOSTAT HOUSING AND COVER TO INTAKE MANIFOLD (3 1/2")	81	16
10-47277	SCREW, PULLEY TO WATER PUMP	85	51	10-48115	SCREW, THERMOSTAT HOUSING ATTACHING (3 1/2")	75	11
10-47277	SCREW, WATER PUMP PULLEY TO WATER PUMP (3/4")	59	20	10-48115	SCREW, THERMOSTAT HOUSING ATTACHING (3 1/2")	91	11
10-47277	SCREW, WATER PUMP PULLEY TO WATER PUMP (3/4")	71	20	10-52409	SCREW, WATER PUMP BRACKET TO ALTERNATOR BRACKET (3 1/4")	59	29
10-47277	SCREW, WATER PUMP PULLEY TO WATER PUMP (3/4")	87	20	10-52409	SCREW, WATER PUMP BRACKET TO ALTERNATOR BRACKET (3 1/4")	71	29
10-47461	SCREW (1")DSEE NOTE BELOW	91	8A	10-52409	SCREW, WATER PUMP BRACKET TO ALTERNATOR BRACKET (3 1/4")	87	29
10-47461	SCREW, MOUNTING BRACKET TO ENGINE (1")	53	9	10-52446	SCREW, SOLENOID BRACKET TO END CAP (1 5/8")	39	57
10-47461	SCREW, MOUNTING BRACKET TO ENGINE (1")	69	9	10-53016	SCREW, END CAP ATTACHING (1 1/4")	95	1
10-47461	SCREW, MOUNTING BRACKETS TO ENGINE (1")	49	5	10-53016	SCREW, END CAP TO EXHAUST MANIFOLD (1 1/4")	31	36
10-47461	SCREW, MOUNTING BRACKETS TO ENGINE (1")	51	10	10-53016	SCREW, END CAP TO EXHAUST MANIFOLD (1 1/4")	35	12
10-47462	SCREW, STARBOARD MOUNTING BRACKET TO ENGINE (1 1/4")	63	9	10-53556	SCREW, WATER STOP COVER PLATE TO GIMBAL HOUSING (1")	61	46
10-47462	SCREW, STARBOARD MOUNTING BRACKET TO ENGINE (1 1/4")	65	11	10-53556	SCREW, WATER STOP COVER PLATE TO GIMBAL HOUSING (1")	73	46
10-47462	SCREW, STARBOARD MOUNTING BRACKET TO ENGINE (1 1/4")	81	7	10-53556	SCREW, WATER STOP COVER PLATE TO GIMBAL HOUSING (1")	83	16
10-47688	SCREW, PORT MOUNTING BRACKET TO ENGINE - UPPER (2 3/4")	65	8	10-55137	SCREW, END CAP TO HEAT EXCHANGER (14")	31	48
10-47688	SCREW, PORT MOUNTING BRACKET TO ENGINE - UPPER (2 3/4")	81	4				
10-47688	SCREW, PORT MTG. BRACKET TO ENGINE - UPPER (2 3/4")	63	6				

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
10-57807	SCREW, COOLANT RECOVERY BRACKET AND BRACKET ATTACHING	79	--	11-23161	NUT, WATER PUMP BRACKET SCREW	71	32
10-57841	SCREW, BRACE TO INTAKE MANIFOLD (2 3/4")	35	17	11-23161	NUT, WATER PUMP BRACKET SCREW	87	32
10-60777	SCREW, CAM SEGMENT ATTACHING (1/2")	59	10	11-24883	NUT, WATER PUMP BRACE TO BRACKET SCREW	83	10
10-60777	SCREW, CAM SEGMENT ATTACHING (1/2")	71	10	11-25269	NUT, EXHAUST ELBOW CLAMPING SCREW	13	37
10-60777	SCREW, CAM SEGMENT ATTACHING (1/2")	87	10	11-25269	NUT, HEAT EXCHANGER BRACKET SCREW	11	11
10-63328	SCREW, COVER TO BODY (3 ")	85	47	11-25594	NUT, MOUNTING STRAP STUD	31	56
10-66223	SCREW, CAP AND GASKET TO HEAT EXCHANGER	45	4	11-25594	NUT, MOUNTING STRAP STUD	35	32
10-66223	SCREW, END CAP TO HEAT EXCHANGER	51	5	11-25594	NUT, THERMOSTAT COVER STUD	39	46
10-66223	SCREW, END CAP TO HEAT EXCHANGER	53	4	11-28517	NUT, WATER PUMP BRACE TO ALTERNATOR BRACKET SCREW	61	38
10-66223	SCREW, END CAP TO HEAT EXCHANGER	65	4	11-28517	NUT, WATER PUMP BRACKET BRACE SCREW	59	35
10-66223	SCREW, END CAP TO HEAT EXCHANGER	67	2	11-29250	NUT, OUTLET HOUSING TO INLET HOUSING SCREW	7	85
10-66223	SCREW, END CAP TO HEAT EXCHANGER	69	2	11-32219	NUT, CLAMP SCREW	43	5
10-68864	SCREW, THRU HULL FITTING	73	50	11-32219	NUT, HEAT EXCHANGER BRACKET SCREWS	63	14
10-68864	SCREW, WATER INTAKE ATTACHING	83	28	11-32219	NUT, HEAT EXCHANGER SCREW	25	9
10-68864	SCREW, WATER PICK-UP TO TRANSOM	89	50	11-32219	NUT, TIE-DOWN BRACKET SCREW	25	18
10-69100	SCREW, WATER STOP COVER PLATE TO GIMBAL HOUSING (1")	89	46	11-32219	NUT, TIE-DOWN BRACKET SCREW	25	18
10-73657	SCREW, THERMOSTAT COVER TO ENGINE BLOCK (1 1/2")	51	21	11-32219	NUT, WATER PUMP BRACE TO ALTERNATOR BRACKET SCREW	73	38
10-73657	SCREW, THERMOSTAT HOUSING TO ENGINE BLOCK (1 1/2")	69	15	11-32219	NUT, WATER PUMP BRACE TO ALTERNATOR BRACKET SCREW	89	38
11-20220	NUT, WATER PUMP DRIVE SHAFT	7	68	11-32219	NUT, WATER PUMP BRACKET BRACE SCREW	71	35
11-20361	NUT, WATER PICK-UP TO TRANSOM SCREW	61	54	11-32219	NUT, WATER PUMP BRACKET BRACE SCREW	87	35
11-20664	NUT, MOUNTING BRACKET ATTACHING SCREW	45	14	11-35814	NUT, THERMOSTAT COVER TO RESERVOIR STUD	29	12
11-21528	NUT, MOUNTING BRACE SCREW	9	97	11-49838	NUT, EXHAUST ELBOW TO STUD	29	28
11-21908	NUT, BRACKET SCREW	33	68	11-49838	NUT, WATER DISTRIBUTION HOUSING STUD	27	36
11-23161	NUT, END CAP SCREW	31	50	12-20084	WASHER, BRACKET SCREW	33	67
11-23161	NUT, END CAP SCREW	35	28	12-20084	WASHER, COVER TO BODY SCREW	85	48
11-23161	NUT, HEAT EXCHANGER THRUBOLT	19	18	12-20084	WASHER, MOUNTING STRAP STUD	31	55
11-23161	NUT, IGNITION COIL MOUNTING SCREW	19	16	12-20084	WASHER, MOUNTING STRAP STUD	35	31
11-23161	NUT, MOUNTING BRACKET SCREW	7	93	12-20084	WASHER, THERMOSTAT COVER TO RESERVOIR STUD	29	11
11-23161	NUT, WATER PUMP BRACKET SCREW	59	32	12-20103	WASHER, THERMOSTAT COVER STUD	39	45

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
12-20553	WASHER, END CAP SCREW	31	49	12-34664	WASHER, MOUNTING		
12-20553	WASHER, END CAP SCREW	35	27		BRACKET SCREW . . . . .	25	5
12-20553	WASHER, FRONT			12-34714	WASHER, WATER PUMP		
	MOUNTING BRACKET				BRACE TO ALTERNATOR		
	SCREW . . . . .	17	17		BRACKET SCREW . . . . .	61	37
12-20553	WASHER, MOUNTING			12-34714	WASHER, WATER PUMP		
	BRACKET SCREW . . . . .	7	92		BRACE TO ALTERNATOR		
12-20553	WASHER, MOUNTING				BRACKET SCREW . . . . .	73	37
	BRACKET SCREW . . . . .	11	15	12-34714	WASHER, WATER PUMP		
12-20553	WASHER, WATER INLET				BRACE TO ALTERNATOR		
	HOUSING SCREW . . . . .	13	42		BRACKET SCREW . . . . .	89	37
12-20553	WASHER, WATER PUMP			12-56681	WASHER, CLIP MOUNTING		
	BRACKET SCREW . . . . .	59	30		SCREW . . . . .	79	--
12-20553	WASHER, WATER PUMP			13-26992	LOCKWASHER, OVERFLOW		
	BRACKET SCREW . . . . .	71	30		HOSE CLIP SCREW . . . . .	3	9
12-20553	WASHER, WATER PUMP			13-26993	LOCKWASHER, MOUNTING		
	BRACKET SCREW . . . . .	83	3		BRACKET SCREW . . . . .	5	49
12-20553	WASHER, WATER PUMP			13-26993	LOCKWASHER, MOUNTING		
	BRACKET SCREW . . . . .	87	30		BRACKET SCREW . . . . .	7	88
12-20553	WASHER, WATER PUMP			13-26993	LOCKWASHER, PULLEY		
	MOUNT SCREW . . . . .	17	15		SCREW . . . . .	9	103
12-20553	WASHER, WATER PUMP			13-27969	LOCKWASHER,		
	SCREW . . . . .	15	8		CRANKSHAFT PULLEY		
12-20722	WASHER, BRACE TO			13-27969	AND SPACER SCREW . . .	17	10
	RESERVOIR . . . . .	35	16		LOCKWASHER, WATER		
12-20722	WASHER, MOUNTING				PUMP MOUNTING SCREW	17	14
	BRACE SCREW . . . . .	9	96	13-32993	LOCKWASHER, MOUNTING		
12-20959	WASHER, WATER PUMP				BRACKET SCREW . . . . .	7	88
	DRIVE SHAFT . . . . .	7	67	13-32993	LOCKWASHER,		
12-25908	WASHER, WATER PICK-UP				STARBOARD MOUNTING		
	TO TRANSOM SCREW . .	61	53		BRACKET SCREWS . . . . .	63	10
12-26168	WASHER, MOUNTING			13-32993	LOCKWASHER,		
	BRACE TO WATER PUMP				STARBOARD MOUNTING		
	SCREW . . . . .	9	99		BRACKET SCREWS . . . . .	65	12
12-26825	WASHER, END CAP SCREW	31	38	13-32993	LOCKWASHER,		
12-26825	WASHER, END CAP SCREW	35	14		STARBOARD MOUNTING		
12-27728	WASHER, HOSE CLIP (1				BRACKET SCREWS . . . . .	81	8
	1/2") . . . . .	73	53	13-35048	LOCKWASHER . . . . .	83	12
12-27728	WASHER, STARBOARD			13-35048	LOCKWASHER, CLAMP		
	MOUNTING BRACKET				SCREW . . . . .	43	4
	SCREWS . . . . .	63	11	13-35048	LOCKWASHER, MOUNTING		
12-27728	WASHER, STARBOARD				BRACKET SCREW . . . . .	75	9
	MOUNTING BRACKET			13-35048	LOCKWASHER, MOUNTING		
	SCREWS . . . . .	65	13		BRACKET SCREW . . . . .	91	9
12-30771	WASHER, FIBER -			13-35048	LOCKWASHER, PORT		
	THERMOSTAT COVER				MOUNTING BRACKET		
	STUD . . . . .	39	44	13-35048	SCREWS . . . . .	63	7
12-30771	WASHER, FIBER -				LOCKWASHER, PORT		
	THERMOSTAT COVER TO				MOUNTING BRACKET		
	RESERVOIR STUD . . . . .	29	10	13-35048	SCREWS . . . . .	65	9
12-33181	WASHER, SEALING - END				LOCKWASHER, PORT		
	CAP SCREW . . . . .	5	44		MOUNTING BRACKET		
12-33181	WASHER, SEALING - END				SCREWS . . . . .	81	5
	CAP SCREW . . . . .	11	7	13-35048	LOCKWASHER,		
12-33181	WASHER, SEALING - END				STARBOARD MOUNTING		
	CAP SCREW . . . . .	19	6		BRACKET SCREWS . . . . .	67	8
12-33181	WASHER, SEALING -			13-35048	LOCKWASHER,		
	WATER INLET HOUSING				STARBOARD MOUNTING		
	SCREW . . . . .	13	43		BRACKET SCREWS . . . . .	77	6

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
13-35048	LOCKWASHER, WATER PUMP BRACKET CLAMPING SCREWS . . . .	59	28	13-37459	LOCKWASHER, THERMOSTAT HOUSING AND COVER SCREW . . . .	67	17
13-35048	LOCKWASHER, WATER PUMP BRACKET CLAMPING SCREWS . . . .	71	28	13-37459	LOCKWASHER, THERMOSTAT HOUSING AND COVER SCREW . . . .	77	15
13-35048	LOCKWASHER, WATER PUMP BRACKET CLAMPING SCREWS . . . .	87	28	13-37459	LOCKWASHER, THERMOSTAT HOUSING AND COVER SCREW . . . .	79	14
13-35048	LOCKWASHER, WATER PUMP BRACKET SCREW	83	4	13-37459	LOCKWASHER, THERMOSTAT HOUSING AND COVER SCREW . . . .	81	17
13-35048	LOCKWASHER, WATER PUMP BRACKET SCREW	83	6	13-37459	LOCKWASHER, THERMOSTAT HOUSING SCREW . . . . .	75	12
13-37272	LOCKWASHER, BRACKET AND RETAINER SCREWS	91	9A	13-37459	LOCKWASHER, THERMOSTAT HOUSING SCREW . . . . .	91	12
13-37272	LOCKWASHER, MOUNTING BRACKET SCREW . . . . .	49	6	13-37459	LOCKWASHER, WATER DISTRIBUTION HOUSING STUD . . . . .	27	35
13-37272	LOCKWASHER, MOUNTING BRACKET SCREW . . . . .	51	11	13-37459	LOCKWASHER, WATER PUMP BRACE TO BRACKET SCREW . . . . .	83	9
13-37272	LOCKWASHER, MOUNTING BRACKET SCREW . . . . .	53	10	13-39107	LOCKWASHER, END CAP SCREW . . . . .	31	37
13-37272	LOCKWASHER, MOUNTING BRACKET SCREW . . . . .	53	10	13-39107	LOCKWASHER, END CAP SCREW . . . . .	35	13
13-37272	LOCKWASHER, MOUNTING BRACKET SCREW . . . . .	69	10	13-39107	LOCKWASHER, WATER PUMP PULLEY SCREW . .	59	21
13-37458	LOCKWASHER, HEAT EXCHANGER SCREW . . .	25	8	13-39107	LOCKWASHER, WATER PUMP PULLEY SCREW . .	71	21
13-37458	LOCKWASHER, MOUNTING BRACKET S CREW . . . . .	25	4	13-39107	LOCKWASHER, WATER PUMP PULLEY SCREW . .	85	52
13-37458	LOCKWASHER, MOUNTING BRACKET SCREW . . . . .	25	12	13-39107	LOCKWASHER, WATER PUMP PULLEY SCREW . .	87	21
13-37458	LOCKWASHER, TIE-DOWN BRACKET SCREW . . . . .	25	17	16-21553	STUD, THERMOSTAT COVER TO RESERVOIR (1 1/2") . . . . .	31	32
13-37458	LOCKWASHER, TIE-DOWN BRACKET SCREW . . . . .	25	17	16-21553	STUD, THERMOSTAT COVER TO RESERVOIR (1 1/2") . . . . .	35	4
13-37459	LOCKWASHER, CRANKSHAFT PULLEY SCREW . . . . .	15	12	16-29988	STUD, HEAT EXCHANGER STRAP TO RESERVOIR (1 9/16") . . . . .	31	31
13-37459	LOCKWASHER, EXHAUST ELBOW TO STUD . . . . .	29	27	16-29988	STUD, HEAT EXCHANGER STRAP TO RESERVOIR (1 9/16") . . . . .	35	3
13-37459	LOCKWASHER, FRONT MOUNTING BRACKET TO HEAT EXCHANGER SCREW . . . . .	45	9	16-52988	STUD, EXHAUST ELBOW TO EXHAUST MANIFOLD (3 1/4") . . . . .	29	25
13-37459	LOCKWASHER, HEAT EXCHANGER SCREW . . .	5	46	16-52988	STUD, EXHAUST ELBOW TO EXHAUST ELBOW . . .	55	3
13-37459	LOCKWASHER, HEAT EXCHANGER SCREW . . .	19	11	16-52988	STUD, EXHAUST MANIFOLD TO EXHAUST ELBOW . . .	61	41
13-37459	LOCKWASHER, MOUNTING BRACE SCREW . . . . .	19	14	16-52988	STUD, EXHAUST MANIFOLD TO EXHAUST ELBOW . . .	73	41
13-37459	LOCKWASHER, MOUNTING BRACKET SCREW . . . . .	11	14	16-52988	STUD, EXHAUST MANIFOLD TO EXHAUST ELBOW . . .	89	41
13-37459	LOCKWASHER, MOUNTING BRACKET SCREW . . . . .	19	10				
13-37459	LOCKWASHER, THERMOSTAT COVER/THERMOSTAT HOUSING SCREW . . . . .	29	9				
13-37459	LOCKWASHER, THERMOSTAT HOUSING AND COVER SCREW . . . .	63	23				

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
16-52988	STUD, EXHAUST MANIFOLD TO EXHAUST ELBOW (3 1/4")	93	4	22-32802	PLUG, PIPE - THERMOSTAT COVER	49	11
16-52988	STUD, EXHAUST MANIFOLD TO EXHAUST ELBOW (3 1/4")	93	4	22-32802	PLUG, PIPE - THERMOSTAT COVER	51	20
16-52988	STUD, EXHAUST MANIFOLD TO EXHAUST ELBOW (3 1/4")	95	4	22-32802	PLUG, PIPE - THERMOSTAT HOUSING	69	16
16-52988	STUD, WATER DISTRIBUTION HOUSING TO EXHAUST MANIFOLD	27	34	22-32802	PLUG, PIPE - WATER DISTRIBUTION HOUSING	27	31
17-29967	PIN, IMPELLER DRIVE	7	72	22-32802	PLUG, PIPE - WATER DISTRIBUTION HOUSING (1/8-27)	65	31
17-33166	PIN, DOWEL - BEARING HOUSING	7	59	22-32802	PLUG, PIPE - WATER DISTRIBUTION HOUSING (1/8-27)	67	26
17-33166	PIN, DOWEL - BEARING HOUSING	7	79	22-32802	PLUG, PIPE - WATER DISTRIBUTION HOUSING (1/8-27)	81	26
19-33165	WELCH PLUG, BEARING HOUSING	7	83	22-32802	PLUG, PIPE - WATER DISTRIBUTION HOUSING(1/8 -27)	63	25
19-59504	PLUG, IMPELLER	59	6	22-32802	PLUG, PIPE - WATER PUMP BODY	7	76
19-59504	PLUG, IMPELLER	71	6	22-32802	PLUG, EXHAUST MANIFOLD OR THERMOSTAT CONTAINER (1/8-27")	19	31
19-59504	PLUG, IMPELLER	85	46	22-32804	PLUG, PIPE - EXHAUST ELBOW (1/2 - 14)	41	21
19-59504	PLUG, IMPELLER	87	6	22-32804	PLUG, PIPE - EXHAUST ELBOW (1/2- 14)	3	33
22-20445	FITTING, AIR BLEED HOSE TO RESERVOIR	29	4	22-32804	PLUG, THERMOSTAT HOUSING	45	26
22-29085	FITTING, INLET FUEL LINE	23	52	22-32804	PLUG, THERMOSTAT HOUSING (1/2-14")	19	26
22-30570	FITTING, BAYONET - HOSE TO ENGINE WATER PUMP	49	13	22-32804	PLUG, EXHAUST ELBOW (1/2-14")	19	30
22-30570	FITTING, BAYONET - HOSE TO ENGINE WATER PUMP	51	22	22-33066	FITTING, RESERVOIR (1/2-14)	3	16
22-30570	FITTING, BAYONET - HOSE TO ENGINE WATER PUMP	53	18	22-33198	PLUG, EXHAUST ELBOW (3/4")	93	-
22-30570	FITTING, BAYONET - HOSE TO ENGINE WATER PUMP	69	17	22-33198	PLUG, PIPE - END COVER	41	15
22-32715	ELBOW, EXHAUST ELBOW (1/2-14)	3	37	22-33198	PLUG, EXHAUST MANIFOLD (3/4-14")	19	32
22-32715	ELBOW, EXHAUST MANIFOLD FRONT COVER (1/2-14)	5	54	22-36304	ELBOW, MANIFOLD ELBOW (105 DEGREES BEND)	11	18
22-32715	ELBOW, WATER DISTRIBUTION BLOCK	41	3	22-36305	ELBOW, EXHAUST ELBOW (90 DEGREES BEND)	11	24
22-32715	FITTING, EXHAUST MANIFOLD TOP COVER	21	48	22-36305	ELBOW, RESERVOIR (3/4-14)	3	19
22-32802	PLUG, EXHAUST ELBOW (1/8")	93	-	22-37372	PLUG, PIPE - FLUSHING (RESERVOIR)	3	4
22-32802	PLUG, EXHAUST ELBOW (1/8")	93	-	22-38565	ELBOW, HOSE TO THERMOSTAT COVER (45ö)	49	14
22-32802	PLUG, FITTING ASSEMBLY (1/8-27)	3	23	22-38743	FITTING, OIL COOLER AND OIL FILTER ADAPTOR	13	48
22-32802	PLUG, PIPE - CYLINDER BLOCK TEE AND EXHAUST MANIFOLD (1/8-27)	3	34				
22-32802	PLUG, PIPE - DRAIN	59	2				
22-32802	PLUG, PIPE - DRAIN	71	2				
22-32802	PLUG, PIPE - END CAP	31	47				
22-32802	PLUG, PIPE - END CAP	35	25				
22-32802	PLUG, PIPE - HEAT EXCHANGER DRAIN	19	4				

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
22-38939	FITTING, BAYONET - THERMOSTAT COVER AND WATER PUMP	39	39	22-63067	TEE, FITTING	53	22
22-39072	PLUG, PIPE - DRAIN	87	2	22-63067	TEE, FITTING	69	21
22-39072	PLUG, WATER PUMP BODY	85	53	22-63067	TEE, FITTING	75	18
22-39196A1	ELBOW ASSEMBLY, EXHAUST MANIFOLD END COVER	19	29	22-63067	TEE, FITTING	77	16
22-39737	FITTING, FILLER CAP (RESERVOIR)	3	2	22-63067	TEE, FITTING	79	15
22-39741	FITTING, TEE - THERMOSTAT COVER (1/2-14)	3	28	22-63067	TEE, FITTING	91	18
22-39745	FITTING, EXHAUST MANIFOLD (BOTTOM) - 3/8-18	5	38	22-65129	ZINC ANODE, SEA WATER DRAIN	45	5
22-39759A1	FITTING ASSEMBLY, WATER PUMP BASE	3	22	22-65129	ZINC ANODE, SEA WATER DRAIN	51	6
22-47540	PLUG, PIPE - THERMOSTAT HOUSING	63	17	22-65129	ZINC ANODE, SEA WATER DRAIN	53	5
22-47540	PLUG, PIPE - THERMOSTAT HOUSING	65	16	22-65129	ZINC ANODE, SEA WATER DRAIN	65	5
22-47540	PLUG, PIPE - THERMOSTAT HOUSING	67	11	22-65129	ZINC ANODE, SEA WATER DRAIN	67	3
22-47540	PLUG, PIPE - THERMOSTAT HOUSING	75	13	22-65129	ZINC ANODE, SEA WATER DRAIN	69	3
22-47540	PLUG, PIPE - THERMOSTAT HOUSING	77	9	22-65132	ZINC ANODE, SEA WATER DRAIN	63	4
22-47540	PLUG, PIPE - THERMOSTAT HOUSING	79	8	22-65132	ZINC ANODE, WATER DRAIN	49	2A
22-47540	PLUG, PIPE - THERMOSTAT HOUSING	81	11	23-33186	BUSHING, BEARING HOUSING FLANGE	7	60
22-47540	PLUG, PIPE - THERMOSTAT HOUSING	91	13	23-33186	BUSHING, FRONT MOUNTING BRACKET	15	3
22-49676	ELBOW, FUEL LINE (90 DEGREES)	45	21	23-33186	BUSHING, FRONT MOUNTING BRACKET	17	4
22-52382	BUSHING, REDUCER - WATER TEMPERATURE SENDER	45	25	23-33186	BUSHING, WATER PUMP BRACKET SCREW	59	31
22-54139	FITTING, AIR BLEED HOSE TO THERMOSTAT COVER	29	7	23-33186	BUSHING, WATER PUMP BRACKET SCREW	71	31
22-54139	FITTING, BLEED HOSE TO THERMOSTAT COVER AND RESERVOIR	39	41	23-33186	BUSHING, WATER PUMP BRACKET SCREW	87	31
22-54770	TEE, FITTING	27	27	23-33477	SPACER, WATER PUMP PULLEY	7	64
22-55133	TEE, FITTING	29	19	23-34948	SPACER, END CAP AND SOLENOID BRACKET( MERCUISER 215 "E")	39	56
22-55133	TEE, FITTING	39	51	23-35839	SPACER, CRANKSHAFT PULLEY	17	7
22-55133	TEE, FITTING	49	21	23-35857	SPACER, CRANKSHAFT PULLEY	15	10
22-55133	TEE, FITTING	63	26	23-46122	BUSHING, MOUNTING BRACKET SCREW	7	89
22-55133	TEE, FITTING	65	23	23-47508	SLEEVE, THERMOSTAT HOUSING	63	18
22-55133	TEE, FITTING	67	18	23-47508	SLEEVE, THERMOSTAT HOUSING	65	17
22-55133	TEE, FITTING	81	18	23-47508	SLEEVE, THERMOSTAT HOUSING	67	12
22-58123	FITTING, STRAIGHT - EXHAUST ELBOW	39	55	23-47508	SLEEVE, THERMOSTAT HOUSING	75	14
22-58471	SLEEVE, WATER FILLER	31	33	23-47508	SLEEVE, THERMOSTAT HOUSING	77	10
22-58471	SLEEVE, WATER FILLER	35	5	23-47508	SLEEVE, THERMOSTAT HOUSING	79	9
22-60522	ELBOW, HOSE TO THERMOSTAT COVER (45 DEGREES)	53	19	23-47508	SLEEVE, THERMOSTAT HOUSING	81	12
22-63067	TEE, FITTING	51	25	23-47508	SLEEVE, THERMOSTAT HOUSING	91	14

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
23-47511	SLEEVE, END CAP . . . . .	31	43	26-33215	OIL SEAL, BEARING HOUSING . . . . .	7	61
23-47511	SLEEVE, END CAP . . . . .	35	21	26-33215	OIL SEAL, BEARING HOUSING . . . . .	7	80
23-47511	SLEEVE, WATER PUMP . . .	59	12	26-59564	OIL SEAL, WATER PUMP SHAFT (LARGE) . . . . .	59	17
23-47511	SLEEVE, WATER PUMP . . .	71	12	26-72785	OIL &, WATER PUMP SHAFT	85	42
23-47511	SLEEVE, WATER PUMP . . .	87	12	26-72785	OIL SEAL, WATER PUMP SHAFT (LARGE) . . . . .	71	17
23-52020	SLEEVE, WATER DISTRIBUTION HOUSING	27	32	26-72785	OIL SEAL, WATER PUMP SHAFT (LARGE) . . . . .	87	17
23-52020	SLEEVE, WATER DISTRIBUTION HOUSING	29	18	27-33173	GASKET, FACE PLATE TO EXHAUST ELBOW USE WITH 32884 ELBOW . . . .	11	31
23-52020	SLEEVE, WATER DISTRIBUTION HOUSING	55	2	27-33175	GASKET, FACE PLATE TO WATER PUMP BODY . . . .	7	71
23-52020	SLEEVE, WATER DISTRIBUTION HOUSING	61	40	27-33176	GASKET, FACE PLATE TO BEARING HOUSING . . . .	7	69
23-52020	SLEEVE, WATER DISTRIBUTION HOUSING	73	40	27-33179	GASKET, THERMOSTAT HOUSING . . . . .	11	27
23-52020	SLEEVE, WATER DISTRIBUTION HOUSING	83	19	27-33179	GASKET, THERMOSTAT HOUSING TO SPACER . .	25	22
23-52020	SLEEVE, WATER DISTRIBUTION HOUSING	89	40	27-33180	GASKET, WATER INLET HOUSING . . . . .	13	40
23-52020	SLEEVE, WATER DISTRIBUTION HOUSING	93	3	27-33680	GASKET, THERMOSTAT HOUSING TO CYLINDER BLOCK . . . . .	45	23
23-52020	SLEEVE, WATER DISTRIBUTION HOUSING	93	3	27-33680	GASKET, THERMOSTAT HOUSING TO CYLINDER HEAD . . . . .	19	25
23-54476	SLEEVE, THERMOSTAT HOUSING . . . . .	57	2	27-33680	GASKET, WATER DISTRIBUTION BLOCK . .	41	2
23-54769	SPACER, MOUNTING BRACKET . . . . .	25	6	27-33918	GASKET, RESERVOIR TO THERMOSTAT HOUSING	45	27
23-57369	SPACER, MOUNTING BRACKET TO ENGINE SCREW(MARINE 165) . . .	45	17	27-33918	GASKET, THERMOSTAT COVER TO THERMOSTAT HOUSING . . . . .	19	22
23-60455	BUSHING, RESERVOIR MOUNTING STUD . . . . .	33	66	27-34345	GASKET, END CAP TO EXHAUST MANIFOLD . . .	13	45
23-67463	SLEEVE, THERMOSTAT HOUSING . . . . .	51	16	27-34897	GASKET, WATER PUMP TO FRONT MOUNTING BRACKET . . . . .	17	11
23-67463	SLEEVE, THERMOSTAT HOUSING . . . . .	69	13	27-35144	GASKET, EXHAUST MANIFOLD TOP COVER . .	21	47
23-72057	SPACER . . . . .	83	13	27-35144	GASKET, TOP COVER . . . .	41	9
25-35789	QUAD RING, FRONT MOUNTING BRACKET (SMALL) . . . . .	17	3	27-35147	GASKET, EXHAUST ELBOW TO THERMOSTAT CONTAINER . . . . .	41	17
25-35790	QUAD RING, FRONT MOUNTING BRACKET (LARGE) . . . . .	17	2	27-35147	GASKET, EXHAUST ELBOW CONTAINER . . . . .	23	51
25-37340	"O" RING, PUMP HOUSING TO INNER WEAR PLATE .	83	35	27-35150	GASKET, END COVER - EXHAUST MANIFOLD . . .	41	14
25-59712	"O" RING, WATER PUMP COVER . . . . .	59	5	27-35150	GASKET, EXHAUST MANIFOLD END COVER .	21	43
25-59712	"O" RING, WATER PUMP COVER . . . . .	71	5	27-35591	GASKET, WATER PUMP TO FRONT MOUNTING BRACKET . . . . .	15	6
25-59712	"O" RING, WATER PUMP COVER . . . . .	87	5	27-35671	GASKET, FACE PLATE TO UPPER EXHAUST ELBOW 35674 ELBOW . . . . .	13	34
26-23300	OIL &, WATER PUMP SHAFT	85	38	27-35894	GASKET, EXHAUST ELBOW	23	50
26-23300	OIL SEAL, WATER PUMP SHAFT . . . . .	59	13				
26-23300	OIL SEAL, WATER PUMP SHAFT . . . . .	71	13				
26-23300	OIL SEAL, WATER PUMP SHAFT . . . . .	87	13				

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
27-35900	GASKET, RUBBER - FRONT MOUNTING BRACKET . . .	15	2	27-48042	GASKET, WATER DISTRIBUTION HOUSING	27	33
27-38033	GASKET, HEAT EXCHANGER - END CAP (PORT) . . . . .	11	4	27-48043	GASKET, END CAP TO EXHAUST MANIFOLD . . .	31	39
27-38034	GASKET, HEAT EXCHANGER - END CAP (STARBOARD) . . . . .	11	5	27-48043	GASKET, END CAP TO EXHAUST MANIFOLD . . .	35	11
27-38556	GASKET, THERMOSTAT COVER TO RESERVOIR .	3	11	27-48043	GASKET, END CAP TO EXHAUST MANIFOLD . . .	61	43
27-39195	GASKET, EXHAUST MANIFOLD END COVER .	21	40	27-48043	GASKET, END CAP TO EXHAUST MANIFOLD . . .	73	43
27-39743	GASKET, RESERVOIR TO CYLINDER HEAD . . . . .	3	15	27-48043	GASKET, EXHAUST MANIFOLD END COVER( NOT AS SHOWN) . . . . .	21	40
27-39917	GASKET, EXHAUST MANIFOLD END COVER .	21	40	27-48818	GASKET, SPACER TO TIE-DOWN BRACKET . . . . .	25	19
27-45925	GASKET, HEAT EXCHANGER (INTERNAL)	19	4A	27-48818	GASKET, THERMOSTAT HOUSING (UPPER) . . . . .	31	58
27-46315	GASKET, HEAT EXCHANGER (4 RIBS) . . .	5	42	27-48818	GASKET, THERMOSTAT HOUSING - UPPER . . . . .	63	21
27-46316	GASKET, HEAT EXCHANGER (3 RIBS) . . .	5	41	27-48818	GASKET, THERMOSTAT HOUSING - UPPER . . . . .	65	20
27-47510	GASKET, THERMOSTAT (MIDDLE) . . . . .	31	59	27-48818	GASKET, THERMOSTAT HOUSING - UPPER . . . . .	67	15
27-47510	GASKET, THERMOSTAT - MIDDLE . . . . .	63	20	27-48818	GASKET, THERMOSTAT HOUSING - UPPER . . . . .	75	15
27-47510	GASKET, THERMOSTAT - MIDDLE . . . . .	65	19	27-48818	GASKET, THERMOSTAT HOUSING - UPPER . . . . .	77	13
27-47510	GASKET, THERMOSTAT - MIDDLE . . . . .	67	14	27-48818	GASKET, THERMOSTAT HOUSING - UPPER . . . . .	79	12
27-47510	GASKET, THERMOSTAT - MIDDLE . . . . .	77	12	27-48818	GASKET, THERMOSTAT HOUSING - UPPER . . . . .	81	15
27-47510	GASKET, THERMOSTAT - MIDDLE . . . . .	79	11	27-48818	GASKET, THERMOSTAT HOUSING - UPPER . . . . .	91	15
27-47510	GASKET, THERMOSTAT - MIDDLE . . . . .	81	14	27-49571	GASKET, WATER PICK-UP TO TRANSOM . . . . .	61	50
27-47510	GASKET, THERMOSTAT HOUSING - MIDDLE . . . . .	75	16	27-52076	GASKET, ELBOW TO MANIFOLD . . . . .	95	-
27-47510	GASKET, THERMOSTAT HOUSING - MIDDLE . . . . .	91	16	27-52076	GASKET, EXHAUST ELBOW TO EXHAUST MANIFOLD	39	59
27-47590	GASKET, THERMOSTAT COVER . . . . .	41	5	27-52076	GASKET, EXHAUST MANIFOLD TO EXHAUST ELBOW . . . . .	83	21
27-48042	GASKET, EXHAUST ELBOW TO EXHAUST MANIFOLD	29	26	27-52076	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD . . . . .	49	19
27-48042	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD . . . . .	63	24	27-52076	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD . . . . .	51	33
27-48042	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD . . . . .	65	30	27-52076	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD . . . . .	53	30
27-48042	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD . . . . .	67	25	27-52076	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD . . . . .	69	29
27-48042	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD . . . . .	77	22	27-53045	GASKET, THERMOSTAT HOUSING - LOWER . . . . .	75	17
27-48042	GASKET, FACE PLATE TO EXHAUST ELBOW AND MANIFOLD . . . . .	79	21	27-53045	GASKET, THERMOSTAT HOUSING - LOWER . . . . .	91	17



# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
27-53045	GASKET, THERMOSTAT HOUSING TO MANIFOLD	63	19	27-73814	GASKET, END CAP TO EXHAUST MANIFOLD	83	26
27-53045	GASKET, THERMOSTAT HOUSING TO MANIFOLD	65	18	27-73814	GASKET, END CAP TO EXHAUST MANIFOLD	89	43
27-53045	GASKET, THERMOSTAT HOUSING TO MANIFOLD	67	13	27-73814	GASKET, END CAP TO EXHAUST MANIFOLD	93	6
27-53045	GASKET, THERMOSTAT HOUSING TO MANIFOLD	77	11	27-73814	GASKET, END CAP TO EXHAUST MANIFOLD	95	6
27-53045	GASKET, THERMOSTAT HOUSING TO MANIFOLD	79	10	28-30250	KEY, DRIVE SHAFT	7	65
27-53045	GASKET, THERMOSTAT HOUSING TO MANIFOLD	81	13	28-56662	KEY, IMPELLER DRIVE	59	8
27-53045	GASKET, THERMOSTAT HOUSING TO MANIFOLD	81	13	28-56662	KEY, IMPELLER DRIVE	71	8
27-53045	GASKET, THERMOSTAT HOUSING TO MANIFOLD	81	13	28-56662	KEY, IMPELLER DRIVE	85	45
27-53045	GASKET, THERMOSTAT HOUSING TO MANIFOLD	81	13	28-56662	KEY, IMPELLER DRIVE	87	8
27-54505	GASKET, THERMOSTAT COVER	31	60	30-20861	BALL BEARING, WATER PUMP SHAFT	59	14
27-54505	GASKET, THERMOSTAT COVER	39	37	30-33451	BALL BEARING, BEARING HOUSING	7	62
27-54505	GASKET, THERMOSTAT COVER	49	10	30-33451	BALL BEARING, BEARING HOUSING	7	81
27-54505	GASKET, THERMOSTAT COVER	53	14	30-72961	BALL BEARING, WATER PUMP SHAFT	71	14
27-54505	GASKET, THERMOSTAT COVER (QUAN. OF L ON LATER KITS)	51	18	30-72961	BALL BEARING, WATER PUMP SHAFT	87	14
27-54505	GASKET, THERMOSTAT HOUSING	69	14	30-72961	BEARING, WATER PUMP SHAFT	85	40
27-54506	GASKET, THERMOSTAT HOUSING	57	4	32-32843	HOSE, EXHAUST MANIFOLD TO EXHAUST ELBOW (18 3/8")	3	35
27-54779	GASKET, HEAT EXCHANGER	27	38	32-34395A1	HOSE ASSEMBLY, OVERFLOW (17")	49	8
27-55136	GASKET, END CAP TO HEAT EXCHANGER	31	44	32-34395A1	HOSE ASSEMBLY, OVERFLOW (17")	63	15
27-55136	GASKET, END CAP TO HEAT EXCHANGER	35	22	32-35100A1	HOSE, HEAT EXCHANGER TO WATER DISTRIBUTION HOUSING (20")	27	25
27-55138	GASKET, END CAP TO HEAT EXCHANGER	31	46	32-35100A1	HOSE, HEAT EXCHANGER TO WATER DISTRIBUTION HOUSING (22")	27	25
27-55138	GASKET, END CAP TO HEAT EXCHANGER	35	24	32-35100A1	HOSE, TEE TO WATER DISTRIBUTION HOUSING (2 1/2")	27	28
27-55144	GASKET, HEAT EXCHANGER INLET	31	41	32-35100A1	HOSE, THERMOSTAT COVER TO WATER DISTRIBUTION HOUSING (23")	29	13
27-55144	GASKET, HEAT EXCHANGER INLET	35	19	32-35100A1	HOSE, WATER DISTRIBUTION HOUSING TO TEE (16 1/2")	27	29
27-60208	GASKET, THERMOSTAT COVER	57	5	32-35100A1	HOSE, WATER DISTRIBUTION HOUSING TO TEE (19")	27	29
27-65128	GASKET, HEAT EXCHANGER END	45	2	32-35100A1	HOSE, WATER DISTRIBUTION HOUSING TO TEE (2")	29	21
27-65128	GASKET, HEAT EXCHANGER END	51	3	32-35100A1	HOSE, WATER DISTRIBUTION HOUSING TO TEE (20")	29	20
27-65130	GASKET, HEAT EXCHANGER END	53	2	32-35566	HOSE, HEAT EXCHANGER TO MANIFOLD ELBOW (16 1/4")	11	16
27-65130	GASKET, HEAT EXCHANGER END	65	2				
27-71614	GASKET, PRESSURE CAP	75	3				
27-71614	GASKET, PRESSURE CAP	77	26				
27-71614	GASKET, PRESSURE CAP	91	3				
27-71614	GASKET, PRESSURE CAP - HEAT EXCHANGER	79	1B				
27-72779	GASKET, COVER TO OUTER WEAR PLATE	83	32				

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
32-35567	HOSE, THERMOSTAT HOUSING TO WATER INLET HOUSING (14") . . .	13	38	32-39742	HOSE, RESERVOIR TO THERMOSTAT COVER TEE (MOLDED) . . . . .	3	17
32-35568	HOSE, HEAT EXCHANGER TO EXHAUST ELBOW (24 1/2") . . . . .	11	22	32-39744	HOSE, REAR BY-PASS (MOLDED) . . . . .	3	31
32-35568	HOSE, HEAT EXCHANGER TO EXHAUST ELBOW (24 1/2") . . . . .	13	47	32-39757	HOSE, FRONT BY-PASS (4 3/8") . . . . .	3	29
32-36307	HOSE, WATER PUMP TO HEAT EXCHANGER (MOLDED) . . . . .	11	19	32-39758	HOSE, WATER PUMP TO ENGINE (17") . . . . .	3	20
32-36308A1	HOSE ASSEMBLY, HEAT EXCHANGER TO ENGINE WATER PUMP (MOLDED)	13	46	32-39761	HOSE, WATER PUMP TO FITTING ASSEMBLY (2") .	3	24
32-36511	HOSE, HEAT EXCHANGER TO EXHAUST MANIFOLD FRONT COVER (21") . . . .	5	52	32-39763	HOSE, HEAT EXCHANGER TO WATER PUMP (MOLDED) . . . . .	5	50
32-37671	HOSE, OVERFLOW-RESERVOIR (18 1/2") . . .	3	6	32-47605	HOSE, HOUSING TO ENGINE WATER PUMP . .	69	18
32-38732	HOSE, HEAT EXCHANGER TO OIL COOLER (MOLDED) . . . . .	13	50	32-47605	HOSE, THERMOSTAT COVER TO ENGINE WATER PUMP (5") . . . . .	51	23
32-38734A1	HOSE ASSEMBLY, HEAT EXCHANGER TO ENGINE WATER PUMP (MOLDED)	13	46	32-47650	HOSE,HEAT EXCHANGER END CAP TO FLYWHEEL HOUSING . . . . .	33	71
32-38737	HOSE, THERMOSTAT HOUSING TO EXHAUST MANIFOLD END CAP (18 1/2") . . . . .	13	38	32-47863	HOSE, HEAT EXCHANGER TO ENGINE WATER PUMP	21	35
32-38739	HOSE, HEAT EXCHANGER TO RESERVOIR (26 1/2") .	3	26	32-47875	HOSE,HEAT EXCHANGER TO THERMOSTAT COVER	21	37
32-38739	HOSE, OIL COOLER TO EXHAUST ELBOW (26 1/2") . . . . .	13	47	32-48131	HOSE, TOP COVER TO WATER DISTRIBUTION BLOCK (10 3/4") . . . . .	41	11
32-38905	HOSE, TRANSOM PLATE TO HEAT EXCHANGER (13") .	5	55	32-49044	HOSE, WATER PUMP TO THERMOSTAT HOUSING	83	14
32-39198	HOSE,HEAT EXCHANGER TO THERMOSTAT COVER	21	37	32-52742A1	HOSE, AIR BLEED (9 1/2") . .	29	5
32-39199	HOSE, HEAT EXCHANGER TO ENGINE WATER PUMP	21	35	32-52742A1	HOSE, BLEED - THERMOSTAT COVER TO RESERVOIR (7 1/2") . . . .	39	42
32-39204	HOSE,HEAT EXCHANGER TO THERMOSTAT COVER(NOT AS SHOWN)	21	37	32-53461	HOSE, PUMP TO PICK-UP TUBE (1 1/4" I. D ) - SEE NOTE . . . . .	61	54
32-39205	HOSE, HEAT EXCHANGER TO ENGINE WATER PUMP(NOT AS SHOWN) .	21	35	32-54862	HOSE, ELBOW TO TEE FITTING . . . . .	95	7
32-39250	HOSE, TOP COVER FITTING TO EXHAUST MANIFOLD FITTING (12 1/2") . . . . .	23	49	32-54862	HOSE, HEAT EXCHANGER TO TEE (22 1/2") . . . . .	49	20
32-39251	HOSE,HEAT EXCHANGER TO END COVER ELBOW (26 1/8") . . . . .	21	38	32-54862	HOSE, HEAT EXCHANGER TO TEE (24 1/2") . . . . .	69	22
32-39252	HOSE,HEAT EXCHANGER TO END COVER ELBOW (33 1/2") . . . . .	21	38	32-54862	HOSE, HEAT EXCHANGER TO TEE (24 1/4") . . . . .	53	23
32-39315	HOSE, INLET - TRANSOM PLATE TO HEAT EXCHANGER (48") . . . . .	19	7	32-54862A1	HOSE, HEAT EXCHANGER TO TEE (23") . . . . .	25	23
				32-54862A1	HOSE, HEAT EXCHANGER TO TEE (26") . . . . .	25	23
				32-54906	HOSE, SEA WATER PUMP TO HEAT EXCHANGER( WITHOUT POWER STEERING) . . . . .	59	24
				32-54906	HOSE, SEA WATER PUMP TO HEAT EXCHANGER( WITHOUT POWER STEERING) . . . . .	71	24

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
32-55126	TUBE, OVERFLOW . . . . .	31	30	32-57230	HOSE, PUMP TO OIL COOLER (POWER STEERING(NOT AS SHOWN) . . . . .	71	24
32-55126	TUBE, OVERFLOW . . . . .	35	2	32-57230	HOSE, PUMP TO OIL COOLER I . . . . .	59	24
32-55317	HOSE,HEAT EXCHANGER TO WATER PUMP . . . . .	33	72	32-57231	HOSE, OIL COOLER TO HEAT EXCHANGER . . . . .	71	24
32-55483	HOSE, HEAT EXCHANGER END CAP TO TEE (22 1/2") . . . . .	39	49	32-57231	HOSE, OIL COOLER TO HEAT EXCHANGER( POWER STEERING (NOT AS SHOWN) . . . . .	87	24
32-55483	HOSE, HEAT EXCHANGER END CAP TO TEE (25 3/4") . . . . .	29	23	32-57231	HOSE- OIL COOLER TO HEAT EXCHANGER POWERSTEERING(NOT AS SHOWN) . . . . .	59	24
32-55483	HOSE, PORT DISTRIBUTION BLOCK TO TEE FITTING . . . . .	93	7	32-57774	HOSE, HEAT EXCH. TO FLYWHEEL HOUSING SEE CHART . . . . .	37	34A
32-55483	HOSE, PORT EXHAUST ELBOW TO TEE (2") . . . . .	39	53	32-57775	HOSE, HEAT EXCH. TO WATER PUMP SEE CHART . . . . .	37	34B
32-55483	HOSE, TEE TO EXHAUST ELBOW (14") . . . . .	49	23	32-57776	HOSE, FRONT CAP TO HEAT EXCHANGER (STARBOARD) . . . . .	75	22
32-55483	HOSE, TEE TO EXHAUST ELBOW (17") . . . . .	51	29	32-57776	HOSE, STARBOARD - THERMOSTAT HSG. TO DISTRIBUTION HSG. . . . .	55	8
32-55483	HOSE, TEE TO EXHAUST ELBOW (17") . . . . .	67	21	32-57776	HOSE, THERMOSTAT COVER TO STARBOARD EXHAUST MANIFOLD . . . . .	39	48
32-55483	HOSE, TEE TO EXHAUST ELBOW (18 1/2") . . . . .	75	19	32-57776	HOSE, THERMOSTAT HOUSING TO MANIFOLD (STARBOARD) . . . . .	77	24
32-55483	HOSE, TEE TO EXHAUST ELBOW (18 1/2") . . . . .	77	19	32-57776	HOSE, THERMOSTAT HOUSING TO MANIFOLD (STARBOARD) . . . . .	79	23
32-55483	HOSE, TEE TO EXHAUST ELBOW (18 1/2") . . . . .	79	18	32-57777	HOSE, FRONT CAP TO HEAT EXCHANGER (PORT) . . . . .	75	21
32-55483	HOSE, TEE TO EXHAUST ELBOW (19") . . . . .	53	26	32-57777	HOSE, PORT - THERMOSTAT HSG. TO DISTRIBUTION HSG. . . . .	55	7
32-55483	HOSE, TEE TO EXHAUST ELBOW (19") . . . . .	69	25	32-57777	HOSE, THERMOSTAT COVER TO PORT EXHAUST MANIFOLD . . . . .	39	47
32-55483	HOSE, TEE TO EXHAUST ELBOW (2 1/2") . . . . .	65	27	32-57777	HOSE, THERMOSTAT HOUSING TO MANIFOLD (PORT) . . . . .	77	23
32-55483	HOSE, TEE TO EXHAUST ELBOW (2 1/2") . . . . .	67	22	32-57777	HOSE, THERMOSTAT HOUSING TO MANIFOLD (PORT) . . . . .	79	22
32-55483	HOSE, TEE TO EXHAUST ELBOW (2 1/2") . . . . .	81	22	32-57778	HOSE, HEAT EXCHANGER TO ENGINE WATER PUMP . . . . .	49	17
32-55483	HOSE, TEE TO EXHAUST ELBOW (2") . . . . .	63	30	32-57778	HOSE, HEAT EXCHANGER TO ENGINE WATER PUMP . . . . .	51	31
32-55483	HOSE, TEE TO EXHAUST ELBOW (20 1/4") . . . . .	63	29	32-57778	HOSE, HEAT EXCHANGER TO ENGINE WATER PUMP . . . . .	53	28
32-55483	HOSE, TEE TO EXHAUST ELBOW (20 1/4") . . . . .	65	26	32-57778	HOSE, HEAT EXCHANGER TO ENGINE WATER PUMP . . . . .	69	27
32-55483	HOSE, TEE TO EXHAUST ELBOW (20 1/4") . . . . .	81	21				
32-55483	HOSE, TEE TO EXHAUST ELBOW (3") . . . . .	49	22				
32-55483	HOSE,HEAT EXCHANGER END CAP TO FLYWHEEL HOUSING (48") . . . . .	33	71				
32-55483	HOSE,TEE TO EXHAUST ELBOW (21 1/2") . . . . .	91	19				
32-55679	HOSE,HEAT EXCHANGER TO WATER PUMP . . . . .	33	72				
32-56737	HOSE, THERMOSTAT COVER TO ENGINE WATER PUMP (2 1/2") . . . . .	49	15				
32-56737	HOSE, THERMOSTAT COVER TO ENGINE WATER PUMP (4") . . . . .	53	20				

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
32-57778	HOSE, HEAT EXCHANGER TO WATER PUMP . . . . .	37	33	32-63576A1	HOSE ASSEMBLY, HOUSING TO WATER PICKUP TUBE	57	6
32-57805	HOSE, WATER PUMP TO THERMOSTAT COVER . .	39	38	32-64096	HOSE, INLET TO COOLER .	43	6
32-57929-3	HOSE, CONNECTOR - END CAP TO RESERVOIR . . . .	35	8	32-66348	HOSE, COOLER TO HEAT EXCHANGER . . . . .	43	7
32-57929-3	HOSE,CONNECTOR - END CAP TO RESERVOIR (2")	33	70	32-77482	HOSE, OIL COOLER TO HEAT EXCHANGER . . . . .	75	26
32-57980	HOSE, STARBOARD EXHAUST ELBOW TO TEE (14") . . . . .	39	52	32-78090	HOSE, WATER PUMP TO OIL COOLER . . . . .	75	25
32-60057	HOSE, HEAT EXCHANGER TO DISTRIBUTION BLOCK (PORT) . . . . .	93	8	32-78091	HOSE, HEAT EXCHANGER TO WATER PUMP . . . . .	75	27
32-60058	HOSE, HEAT EXCHANGER TO DISTRIBUTION BLOCK (STARBOARED) . . . . .	93	9	32-78103	HOSE, HEAT EXCHANGER TO TEE - MOLDED . . . . .	75	20
32-60125	HOSE, HEAT EXCH. TO POWER STEERING OIL COOLER (48") SEE CHART	37	34	32-78103	HOSE,HEAT EXCHANGER TO TEE - MOLDED . . . . .	91	20
32-60125	HOSE,HEAT EXCHANGER END CAP TO FLYWHEEL HOUSING (37") . . . . .	33	71	32-78104	HOSE, THERMOSTAT HSG. TO REAR CAP (STARBOARD) . . . . .	75	24
32-60203	HOSE, HEAT EXCHANGER TO EXHAUST MANIFOLD	51	14	32-78105	HOSE, THERMOSTAT HSG. TO REAR CAP (PORT) . . .	75	23
32-60211	HOSE, THERMOSTAT HOUSING TO WATER DISTRIBUTION HOUSING	61	47	32-79670	HOSE,HEAT EXCHANGER TO WATER PUMP . . . . .	91	27
32-60211	HOSE, THERMOSTAT HOUSING TO WATER DISTRIBUTION HOUSING	73	47	32-79671	HOSE,OIL COOLER TO HEAT EXCHANGER . . . . .	91	26
32-60211	HOSE, THERMOSTAT HOUSING TO WATER DISTRIBUTION HOUSING	89	47	32-79672	HOSE,THERMOSTAT HSG. TO REAR CAP (STARBOARD) . . . . .	91	24
32-60442	HOSE, HEAT EXCHANGER TO TEE (25 1/2 L) . . . . .	65	24	32-79673	HOSE,THERMOSTAT HSG. TO REAR CAP (PORT) . . .	91	23
32-61115	HOSE, OVERFLOW . . . . .	47	32	32-79674	HOSE,FRONT CAP TO HEAT EXCHANGER (PORT) . . .	91	21
32-61385	HOSE, HEAT EXCHANGER TO EXHAUST MANIFOLD	53	12	32-79675	HOSE,FRONT CAP TO HEAT EXCHANGER (STARBOARD) . . . . .	91	22
32-61385	HOSE, HEAT EXCHANGER TO EXHAUST MANIFOLD	69	6	36-55143	CAP, PRESSURE - HEAT EXCHANGER . . . . .	45	31
32-62010	HOSE, HEAT EXCHANGER TO TEE (23 1/2") . . . . .	67	19	36-55143	CAP, PRESSURE - HEAT EXCHANGER . . . . .	49	2
32-62010	HOSE, HEAT EXCHANGER TO TEE (23 1/2") . . . . .	77	17	36-55143	CAP, PRESSURE - HEAT EXCHANGER . . . . .	51	7
32-62010	HOSE, HEAT EXCHANGER TO TEE (23 1/2") . . . . .	79	16	36-55143	CAP, PRESSURE - HEAT EXCHANGER . . . . .	53	6
32-62010	HOSE, HEAT EXCHANGER TO TEE (24 1/4") . . . . .	51	26	36-55143	CAP, PRESSURE - HEAT EXCHANGER . . . . .	63	3
32-62010	HOSE, HEAT EXCHANGER TO TEE (25 1/2") . . . . .	63	27	36-55143	CAP, PRESSURE - HEAT EXCHANGER . . . . .	65	6
32-62010	HOSE, HEAT EXCHANGER TO TEE (25 1/2") . . . . .	81	19	36-55143	CAP, PRESSURE - HEAT EXCHANGER . . . . .	67	4
32-62010	HOSE, PUMP TO PICK-UP TUBE (1 1/4" I. D. ) . . . . .	73	--	36-55143	CAP, PRESSURE - HEAT EXCHANGER . . . . .	69	4
32-62205	HOSE, HEAT EXCHANGER TO RESERVOIR . . . . .	47	34	36-55143	CAP, PRESSURE - HEAT EXCHANGER . . . . .	75	2
32-62206	HOSE, HEAT EXCHANGER TO EXHAUST MANIFOLD	47	33	36-55143	CAP, PRESSURE - HEAT EXCHANGER . . . . .	77	2
				36-55143	CAP, PRESSURE - HEAT EXCHANGER . . . . .	79	1A
				36-55143	CAP, PRESSURE - HEAT EXCHANGER . . . . .	81	2
				36-55143	CAP, PRESSURE - HEAT EXCHANGER . . . . .	91	2

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
36-55143	CAP, RESERVOIR WATER FILLER . . . . .	31	34	54-31765	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKET	91	4
36-55143	CAP, RESERVOIR WATER FILLER . . . . .	35	6	54-31765	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS . . . . .	51	12
37-37390	DECAL, HEAT EXCHANGER	11	2	54-31765	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS . . . . .	69	5
37-39500	DECAL, HEAT EXCHANGER	5	40	54-31765	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS . . . . .	77	7
37-39500	DECAL, HEAT EXCHANGER	19	3	54-32523	CLAMP, HOSE TO WATER PUMP AND THERMOSTAT COVER . . . . .	51	24
37-53237	DECAL, HEAT EXCHANGER	45	6	54-32779	CLAMP, INLET HOSE TO TRANSOM PLATE AND HEAT EXCHANGER . . . . .	19	8
37-53237	DECAL, HEAT EXCHANGER	51	2	54-32780	CLAMP, HEAT EXCHANGER TO TEE HOSE . . . . .	51	27
37-53237	DECAL, RESERVOIR . . . . .	31	--	54-32780	CLAMP, HEAT EXCHANGER TO TEE HOSE . . . . .	53	24
37-53237	DECAL, RESERVOIR . . . . .	35	-	54-32780	CLAMP, HEAT EXCHANGER TO TEE HOSE . . . . .	69	23
45-39753	DRIVE SHAFT, WATER PUMP . . . . .	7	77	54-32780	CLAMP, HOSE ATTACHING	27	24
46-39750A1	BEARING HOUSING ASSEMBLY, WATER OUTLET END . . . . .	7	58	54-32780	CLAMP, HOSE ATTACHING	29	24
46-39750A2	WATER PUMP ASSEMBLY, COMPLETE . . . . .	7	57	54-32780	CLAMP, HOSE ATTACHING	39	50
46-39751A1	WATER PUMP BODY ASSEMBLY . . . . .	7	74	54-32780	CLAMP, HOSE ATTACHING	75	28
46-39765A1	BEARING HOUSING ASSEMBLY, WATER INLET END . . . . .	7	78	54-32780	CLAMP, HOSE ATTACHING	91	28
46-63450A2	WATER PUMP ASSEMBLY, COMPLETE . . . . .	59	1	54-32780	CLAMP, HOSE TO END CAP AND FLYWHEEL HOUSING . . . . .	31	51
46-63450A2	WATER PUMP ASSEMBLY, COMPLETE . . . . .	71	1	54-32780	CLAMP, HOSE TO HEAT EXCHANGER AND MANIFOLD ELBOW . . . . .	11	17
46-71497A2	PUMP HOUSING . . . . .	83	37	54-32780	CLAMP, HOSE TO HEAT EXCHANGER AND TEE . . . . .	63	28
46-72774A11	WATER PUMP ASSEMBLY . . . . .	83	29	54-32780	CLAMP, HOSE TO HEAT EXCHANGER AND TEE . . . . .	65	25
46-72774A11	WATER PUMP ASSEMBLY, COMPLETE . . . . .	87	1	54-32780	CLAMP, HOSE TO HEAT EXCHANGER AND TEE . . . . .	67	20
47-30221	IMPELLER, WATER PUMP . . . . .	7	73	54-32780	CLAMP, HOSE TO HEAT EXCHANGER AND TEE . . . . .	77	18
47-59362A1	IMPELLER . . . . .	59	7	54-32780	CLAMP, HOSE TO HEAT EXCHANGER AND TEE . . . . .	79	17
47-59362A1	IMPELLER . . . . .	87	7	54-32780	CLAMP, HOSE TO HEAT EXCHANGER AND TEE . . . . .	81	20
47-59362A1	IMPELLER ASSEMBLY . . . . .	71	7	54-32780	CLAMP, HOSE TO SEA WATER PUMP AND HEAT EXCHANGER . . . . .	71	25
47-59362A1	IMPELLER ASSEMBLY . . . . .	85	44	54-32780	CLAMP, HOSE TO SEA WATER PUMP AND HEAT EXCHANGER . . . . .	87	25
53-23720	RING, SNAP - BALL BEARING RETAINING . . . . .	59	16	54-32780	CLAMP, HOSE TO SEA WATER PUMP AND HEAT EXCHANGER . . . . .	59	25
53-23720	RING, SNAP - BALL BEARING RETAINING . . . . .	71	16	54-32780	CLAMP, HOSE TO TEE AND EXHAUST MANIFOLD . . . . .	63	31
53-23720	RING, SNAP - BALL BEARING RETAINING . . . . .	85	41				
53-23720	RING, SNAP - BALL BEARING RETAINING . . . . .	87	16				
53-33452	RING, SNAP - BALL BEARING TO BEARING HOUSING . . . . .	7	63				
53-33452	RING, SNAP - BALL BEARING TO BEARING HOUSING . . . . .	7	82				
54-20387	CLAMP, BLEED HOSE TO FITTINGS . . . . .	39	43				
54-20387	CLAMP, FITTINGS TO AIR BLEED HOSE . . . . .	29	6				
54-22875	CLIP, TUBING ATTACHING - COOLANT RECOVERY SYSTEM . . . . .	79	--				
54-28938	CLIP, OVERFLOW HOSE TO CYLINDER BLOCK . . . . .	3	7				

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
54-32780	CLAMP, HOSE TO TEE AND EXHAUST MANIFOLD . . .	67	23	54-32880	CLAMP, HOSE TO WATER PUMP AND HEAT EXCHANGER . . . . .	11	20
54-32780	CLAMP, HOSE TO TEE AND EXHAUST MANIFOLD . . .	77	20	54-33361	CLIP, WIRING HARNESS LEAD - RESERVOIR SCREW . . . . .	3	14
54-32780	CLAMP, HOSE TO TEE AND EXHAUST MANIFOLD . . .	79	19	54-35830	CLAMP, HOSE TO TRANSOM PLATE AND HEAT EXCHANGER . . . . .	5	56
54-32780	CLAMP, HOSE TO TEE AND EXHAUST MANIFOLD . . .	81	23	54-37631	CLAMP, COOLER MOUNTING . . . . .	43	2
54-32780	CLAMP, HOSE TO WATER PUMP AND THERMOSTAT HOUSING . . . . .	83	23	54-38819	CLAMP, BY-PASS HOSE TO INTAKE MANIFOLD AND COVER TEE FITTING . . . . .	3	30
54-32780	CLAMP, RUBBER CAP TO EXHAUST MANIFOLD . . .	21	45	54-38819	CLAMP, HOSE TO EXHAUST MANIFOLD AND EXHAUST ELBOW . . . . .	3	36
54-32781	CLAMP, HEAT EXCHANGER TO WATER CIRCULATING PUMP HOSE . . . . .	45	19	54-38819	CLAMP, HOSE TO HEAT EXCHANGER AND EXHAUST MANIFOLD FRONT COVER . . . . .	5	53
54-32781	CLAMP, HOSE ASSEMBLY TO HEAT EXCHANGER AND ENGINE WATER PUMP . . . . .	11	21	54-38819	CLAMP, HOSE TO RESERVOIR AND THERMOSTAT COVER TEE . . . . .	3	18
54-32781	CLAMP, HOSE TO HEAT EXCHANGER AND ENGINE WATER PUMP . .	19	12	54-38819	CLAMP, HOSE TO WATER PUMP AND THERMOSTAT COVER . . . . .	39	40
54-32781	CLAMP, HOSE TO HEAT EXCHANGER AND THERMOSTAT COVER . .	19	19	54-38819	CLAMP, HOSE TO WATER PUMP AND THERMOSTAT COVER . . . . .	49	16
54-32781	CLAMP, HOSE TO HEAT EXCHANGER AND WATER PUMP . . . . .	31	57	54-38819	CLAMP, HOSE TO WATER PUMP AND THERMOSTAT COVER . . . . .	53	21
54-32880	CLAMP, HOSE ATTACHING	27	26	54-38819	CLAMP, HOSE TO WATER PUMP AND THERMOSTAT HOUSING . . . . .	69	19
54-32880	CLAMP, HOSE ATTACHING	29	14	54-38819	CLAMP, REAR BY-PASS HOSE TO INTAKE MANIFOLD AND EXHAUST ELBOW . . . . .	3	32
54-32880	CLAMP, HOSE ATTACHING	29	22	54-38889	CLAMP, CONNECTOR HOSE	31	35
54-32880	CLAMP, HOSE ATTACHING	39	54	54-38889	CLAMP, CONNECTOR HOSE TO END CAP AND RESERVOIR . . . . .	35	9
54-32880	CLAMP, HOSE TO HEAT EXCHANGER AND END COVER ELBOW . . . . .	19	28	54-47715	CLIP, HEAT EXCHANGER HOSE TO CRANKCASE . .	31	52
54-32880	CLAMP, HOSE TO HEAT EXCHANGER AND EXHAUST ELBOW . . . . .	11	23	54-47715	CLIP, HOSE ATTACHING . . .	73	51
54-32880	CLAMP, HOSE TO HEAT EXCHANGER AND OIL COOLER . . . . .	13	51	54-47715	CLIP, HOSE ATTACHING . . .	83	22
54-32880	CLAMP, HOSE TO HEAT EXCHANGER AND RESERVOIR . . . . .	3	27	54-58608	CLIP, HEAT EXCHANGER HOSE . . . . .	37	35
54-32880	CLAMP, HOSE TO HEAT EXCHANGER AND WATER PUMP . . . . .	5	51	54-59381	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS . . . . .	49	7
54-32880	CLAMP, HOSE TO THERMOSTAT HOUSING AND WATER INLET HOUSING . . . . .	11	30	54-59381	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS . . . . .	53	11
54-32880	CLAMP, HOSE TO TOP COVER AND WATER DISTRIBUTION BLOCK . .	41	12	54-59381	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS . . . . .	63	12
54-32880	CLAMP, HOSE TO WATER PUMP AND ENGINE . . . . .	3	21				
54-32880	CLAMP, HOSE TO WATER PUMP AND FITTING ASSEMBLY . . . . .	3	25				

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
54-59381	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS . . . . .	65	14				
54-59381	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS . . . . .	67	9				
54-59381	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS . . . . .	79	6				
54-59381	CLAMP, HEAT EXCHANGER TO MOUNTING BRACKETS . . . . .	81	9				
54-62494	CLAMP, HOSE TO ENGINE MOUNTING SCREW . . . .	45	20				
54-62589	CLAMP, HOSE TO STARBOARD EXHAUST MANIFOLD . . . . .	61	48				
54-62589	CLAMP, HOSE TO STARBOARD EXHAUST MANIFOLD . . . . .	73	48				
54-62589	CLAMP, HOSE TO STARBOARD EXHAUST MANIFOLD . . . . .	89	48				
54-63300	CLIP, HOSE . . . . .	75	29				
54-63300	CLIP, HOSE TO ROCKER COVER . . . . .	51	28				
54-63300	CLIP, HOSE TO ROCKER COVER . . . . .	53	25				
54-63300	CLIP, HOSE TO ROCKER COVER . . . . .	69	24				
54-64488	CLAMP, HOSE TO CYLINDER BLOCK (REAR)	57	7				
54-64489	CLAMP, HOSE TO CYLINDER BLOCK (FRONT) . . . . .	57	8				
54-79679	CLIP, HOSE . . . . .	91	29				
57-60327	"V" BELT, WATER PUMP . . .	59	22				
57-60327	"V" BELT, WATER PUMP . . .	71	22				
57-74271	"V" BELT, WATER PUMP . . .	87	22				
57-74271	BELT, WATER PUMP . . . . .	85	54				
92-38927-1	LOCTITE TUBE, CAPSULE - WATER PICK-UP TO TRANSOM SCREWS . . . .	61	-				
92-38927-1	LOCTITE TUBE, CAPSULE - WATER PICK-UP TO TRANSOM SCREWS . . . .	73	--				
92-38927-1	LOCTITE, CAPSULE - WATER INTAKE TO TRANSOM SCREWS . . . .	83	--				