





390 ENGINE

SERIAL NUMBER

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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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REPLACEMENT PARTS ! WARNING!

Electrical, ignition and fuel system components on MerCruiser Engines and Stern Drives are designed and manufactured to comply with U.S. Coast Guard Rules and Regulations to minimize risks of fire or explosion. Use of replacement electrical, ignition or fuel system components, which do not comply to these rules and regulations, could result in a fire or explosion hazard and should be voided.

When servicing the electrical, ignition and fuel systems, it is extremely important that all components are properly installed and tightened. If not, any electrical or ignition component opening would permit sparks to ignite fuel vapors from fuel system leaks, if they existed.

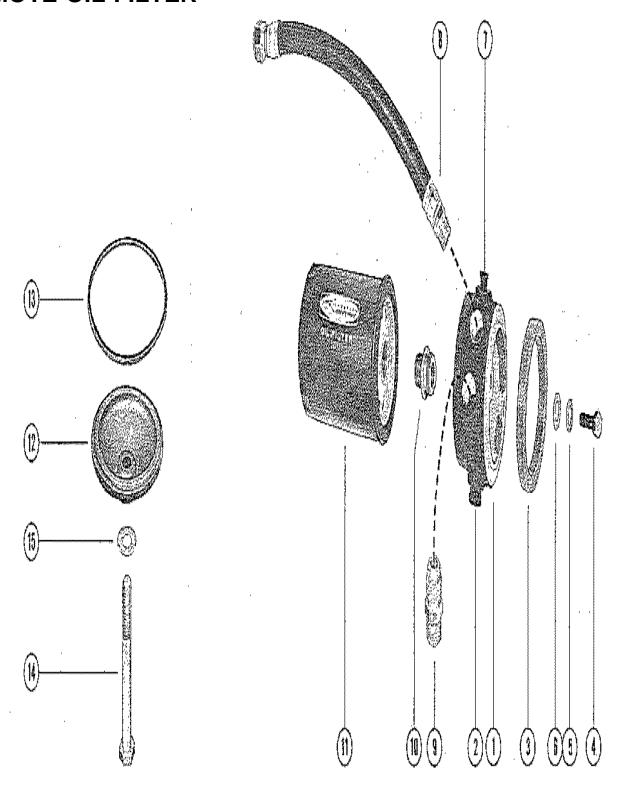
ENGINE MECHANICAL COMPONENTS

Many of the engine mechanical components are designed for marine applications. Unlike automotive engines, marine engines are subjected to extended periods of heavy load and wide- open-throttle operation, therefore, require heavy-duty components. Special marine engine parts have design and manufacturing specifications, which are required to provide long life and dependable performance. Marine engine parts also must be able to resist the corrosive action of salt or brackish water that will rust or corrode standard automotive parts within a short period of time.

Failure to use recommended Mercury Precision Parts OR Quicksilver service replacement parts can result in poor engine performance and/or durability, rapid corrosion of parts subjected to salt water and possibly complete failure of the engine.

Use of parts other than recommended service replacement parts will void the warranty on those parts which are damaged as a result of the use of other than recommended parts.

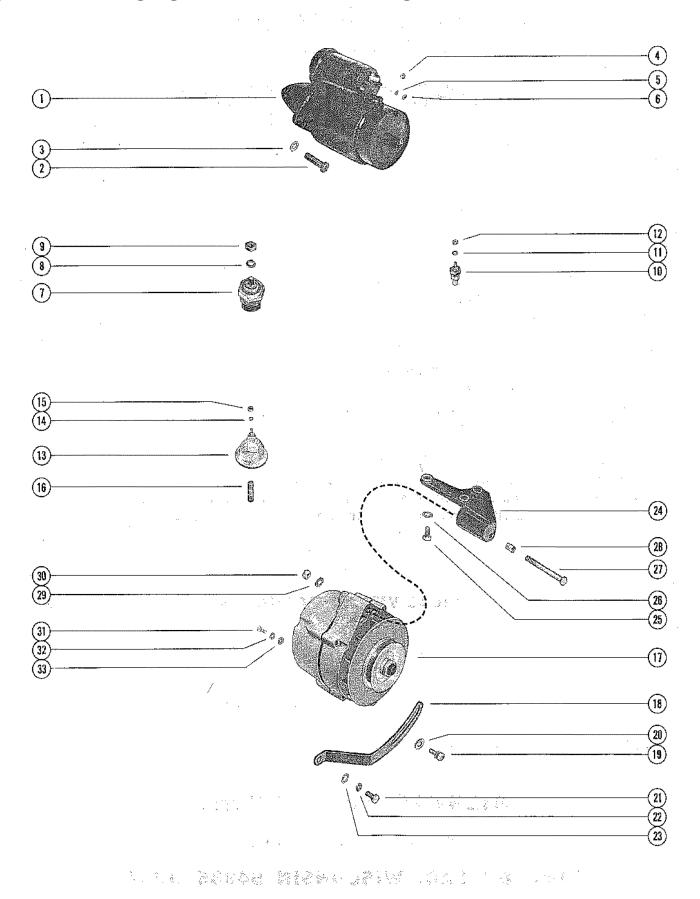
REMOTE OIL FILTER



REMOTE OIL FILTER

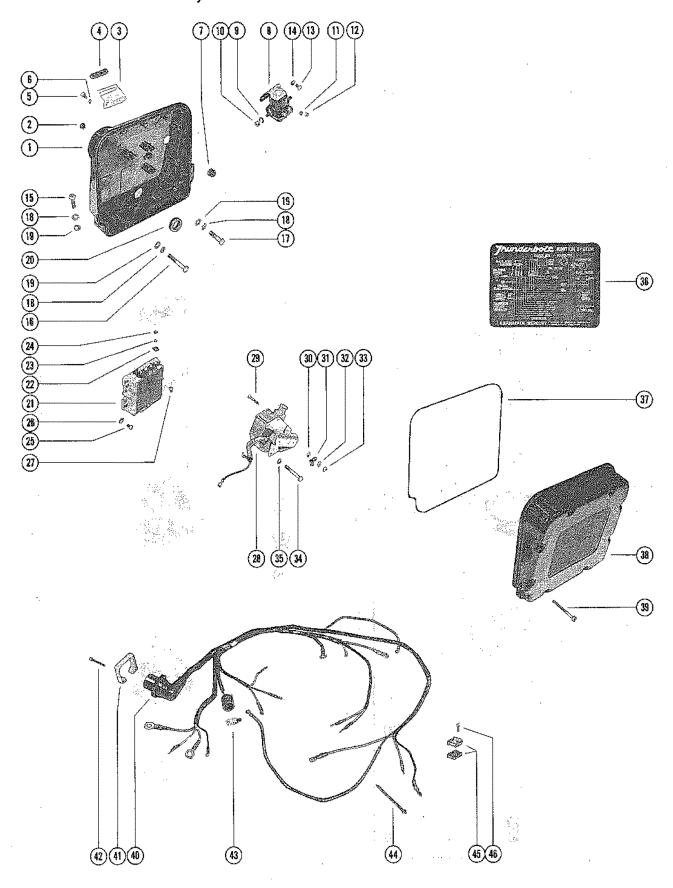
				KEINGTE GIETTEIL
REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	48504		1	ADAPTOR, OIL FILTER
2	22-36373		1	PLUG, PIPE - OIL FILTER ADAPTOR (3/8-18)
3	12-48506		1	WASHER, INSULATOR - ADAPTOR TO ELECTRIC PANEL
4	10-47954		2	SCREW, OIL FILTER ADAPTOR TO ELECTRIC PANEL (1 5/8")
5	13-37459		2	LOCKWASHER, OIL FILTER ADAPTOR SCREW
6	12-25970		2	WASHER, OIL FILTER ADAPTOR SCREW
7	22-32802		1	PLUG PIPE - OIL FILTER ADAPTOR (1/8-27)
8	32-48244A1		1	HOSE, OIL RETURN
9	22-48245		1	CONNECTOR,, OIL FILTER ADAPTOR TO OIL HOSE
10	32720		1	FITTING, OIL FILTER TO ADAPTOR
11	52731		1	OIL FILTER
12	48699		1	COVER, PLUG - CYLINDER BLOCK
13	25-33756		1	RING, SEALING - PLUG COVER
14	10-48831		1	SCREW, PLUG COVER TO CYLINDER BLOCK (4")
15	12-47523		1	WASHER, PLUG COVER SCREW

STARTER MOTOR AND ALTERNATOR

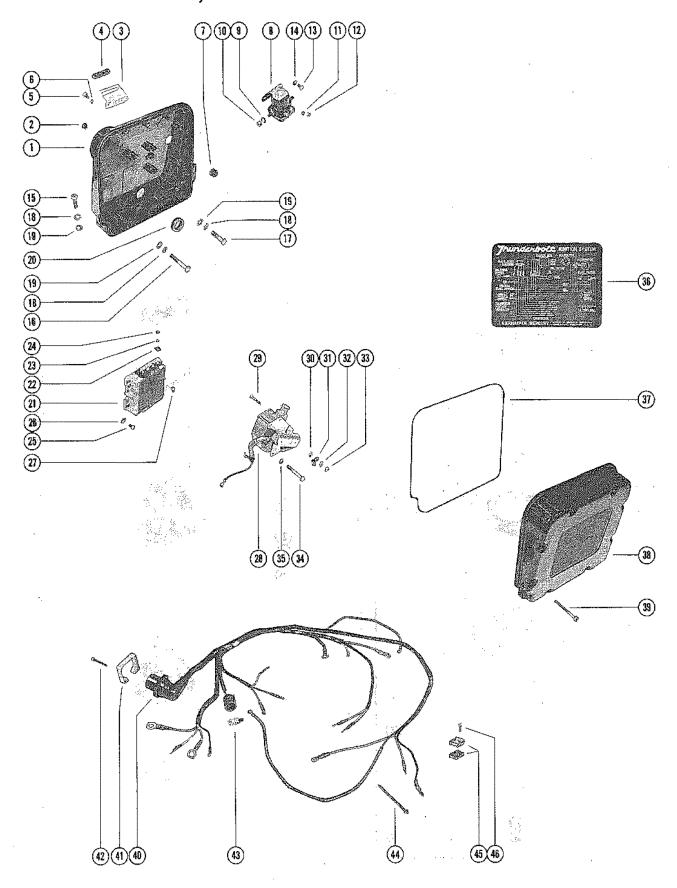


STARTER MOTOR AND ALTERNATOR

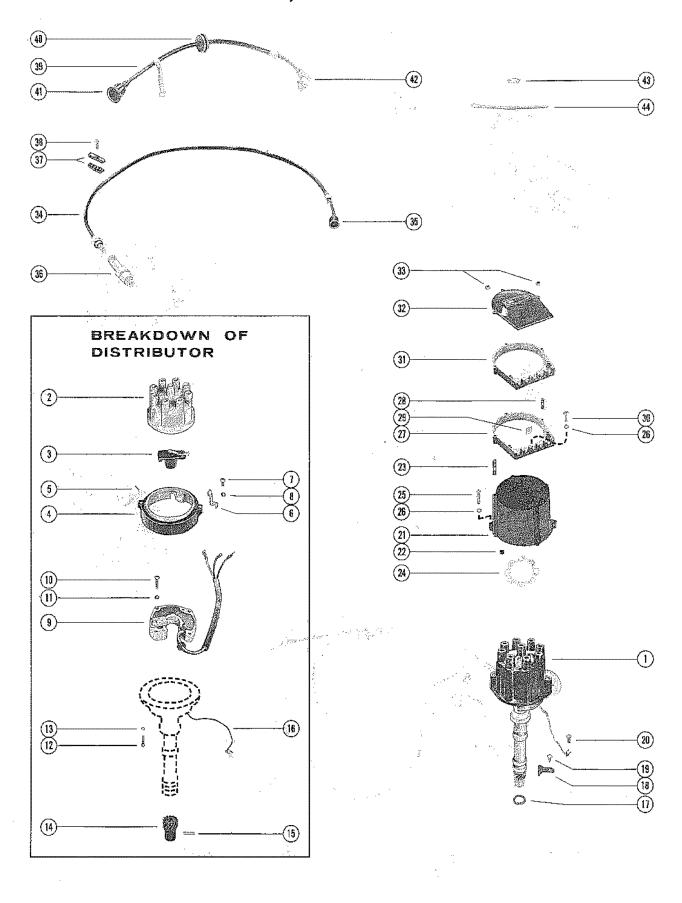
	STARTER WOTOR AND ALTERNATOR								
REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION					
1	50-47455		1	STARTER MOTOR ASSEMBLY (STANDARD ROTATION) SEE NOTE					
	50-47454		1	STARTER MOTOR ASSEMBLY (OPPOSITE ROTATION) SEE NOTE					
2	10-47462		2	SCREW, STARTER MOTOR TO CYLINDER BLOCK (1 1/4")					
3	13-32993		2	LOCKWASHER, STARTER MOTOR SCREW					
4	11-28517		1	NUT, STARTER TERMINAL (3/8")					
5	13-26995		1	LOCKWASHER, STARTER TERMINAL (#8)					
6	11-26419		1	NUT, STARTER TEREMINAL (#8)					
7	36525		1	WATER TEMPERATURE SENDER ASSEMBLY					
8	13-26996		1	LOCKWASHER, WATER TEMPERATURE SENDER TERMINAL (#10)					
9	11-20645		1	NUT, WATER TEMPERATURE SENDER TERMINAL (#10)					
10	52676		1	SWITCH, ELECTRICAL CHOKE					
11	13-26996		1	LOCKWASHER, ELECTRIC CHOKE SWITCH TERMINAL					
12	11-20645		1	NUT, ELECTRIC CHOKE SWITCH TERMINAL					
13	34623		1	OIL PRESSURE SENDER ASSEMBLY					
14	13-26996		1	LOCKWASHER, OIL PRESSURE SENDER TERMINAL (#10)					
15	11-20645		1	NUT, OIL PRESSURE SENDER TERMINAL (#10)					
16	22-48556		1	BUSHING, REDUCER - OIL PRESSURE SENDER					
17	56045		1	ALTERNATOR ASSEMBLY (SEE NOTE BELOW) SEE NOTE					
18	47498		1	BRACE, ALTERNATOR ADJUSTING					
19	10-29198		1	SCREW, ALTERNATOR BRACE TO ALTERNATOR (7/8")					
20	12-26168		1	WASHER, ALTERNATOR BRACE SCREW					
21	10-31381		1	SCREW, ALTERNATOR BRACE TO CYLINDER BLOCK (1")					
22	13-32993		1	LOCKWASHER, ALTERNATOR BRACE SCREW					
23	12-30315		1	WASHER, ALTERNATOR BRACE SCREW					
24	47487		1	BRACKET, ALTERNATOR MOUNTING					
25	10-34353		2	SCREW, ALTERNATOR BRACKET TO EXHAUST MANIFOLD (1")					
	10-32774		1	SCREW, ALTERNATOR BRACKET TO EXHAUST MANIFOLD (2")					
26	13-35048		3	LOCKWASHER, ALTERNATOR BRACKET SCREW					
27	10-48308		1	SCREW, ALTERNATOR TO ALTORNATOR BRACKET (3 3/4")					
28	23-33186		1	BUSHING, ALTERNATOR SCREW					
29	12-20553		2	WASHER, ALTERNATOR SCREW					
30	11-23161		1	NUT, ALTERNATOR SCREWW					
31	10-20055		1	SCREW, GROUND WIRE TO ALTERNATOR					
32	123-26996		1	LOCKWASHER, GROUND WIRE SCREW					
33	12-30164		1	WASHER, GROUND WIRE SCREW					



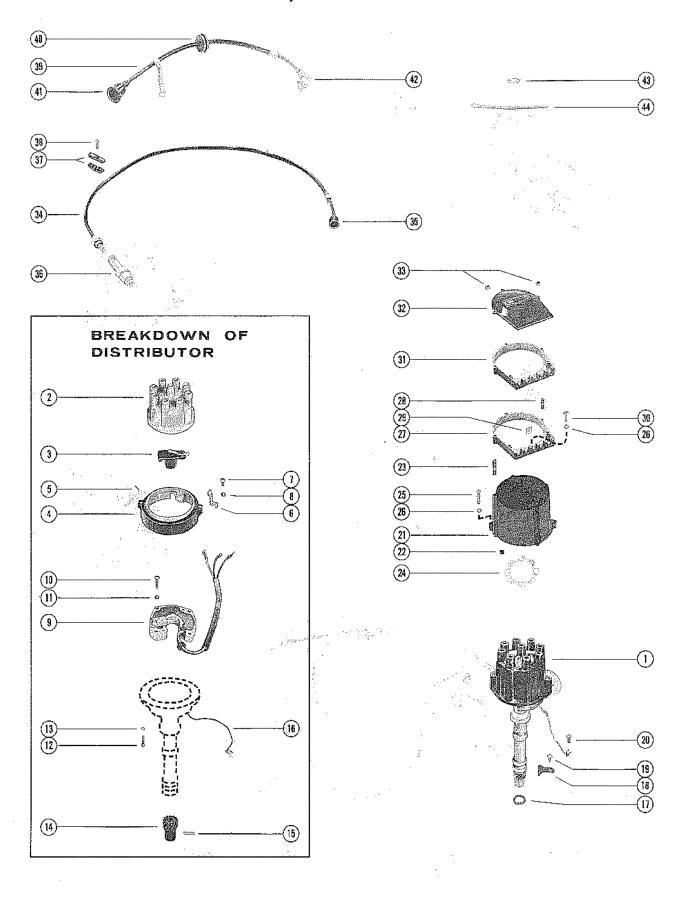
RACKET)
AD (3/8-16 X
AD (7/16-14 X
(5/16")
(#10)
NEL (1/2")
(1-1/4)
(2 1/4")
ING (1 5/8")
6")
•
1/4")
<i>,</i>



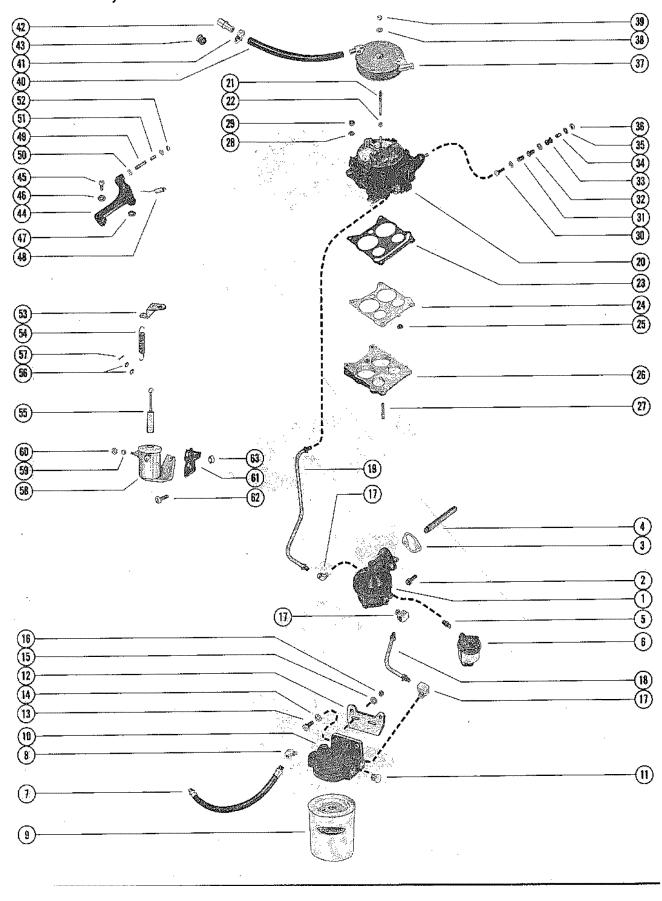
REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
40	56387		1	WIRING HARNESS, INTERNAL
41	48459		1	PLATE, BACKUP - WIRING HARNESS
42	10-46718		4	SCREW, BACKUP PLATE FASTENING (3/4")
43	54-32780		1	CLAMP, WIRING HARNESS PLUG
44	47764		3	STA-STRAP, WIRING HARNESS LEADS
45	39974		2	CLAMP, WIRING HARNESS LEAD CLAMP
46	10-47618		2	SCREW,WIRING HARNESS LEAD CLAMP



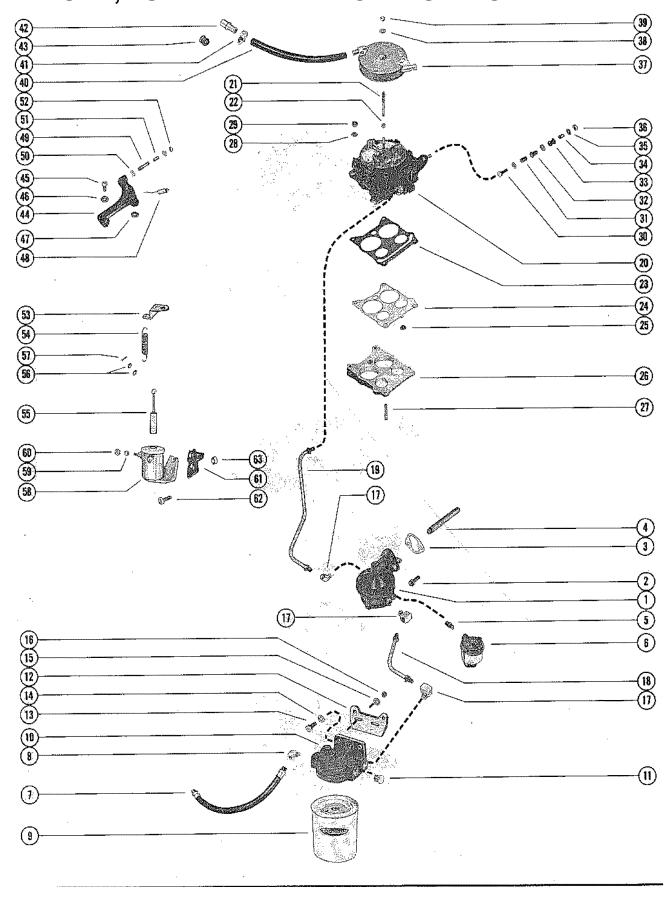
				STRIBUTUR ASSEMBLT, CUMPLETE
REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	47493A7		1	DISTRIBUTOR ASSEMBLY, COMPLETE (STANDARD ROTATION)
	47493A6		1	DISTRIBUTOR ASSEMBLY, COMPLETE (OPPISITE ROTATION)
2	393-3230		1	CAP, DISTRIBUTOR
3	49924		1	ROTOR, DISTRIBUTOR
4	48789A1		1	HOUSING ASSEMBLY, ADAPTOR
5	17-20032		2	PIN, DOWEL - ADAPTOR HOUSING
6	54-48575		2	CLAMP, CAP TO ADAPTOR HOUSING
7	10-37572		2	SCREW, DISTRIBUTOR CLAMP TO ADAPTOR HOUSING (3/8")
8	13-26996		2	LOCKWASHER, DISTRIBUTOR CLAMP FASTENING SCREW
9	393-2918A5		1	TRIGGER ASSEMBLY
10	10-47618		4	SCREW, TRIGGER ATTACHING (1")
11	13-26996		4	LOCKWASHER, TRIGGER ATTATCHING SCREW
12	10-26595		4	SCREW, ADAPTOR HOUSING FASTENING (3/4")
13	13-26995		4	LOCKWASHER, ADAPTOR HOUSING SCREW
14	43-47649		1	GEAR, DISTRIBUTOR (STANDARD ROTATION)
	43-47619		1	GEAR, DISTRIBUTOR (OPPISITE ROTATION)
15	17-47617		1	ROLL PIN, GEAR TO DISTRIBUTOR
16	52618		1	JUMPER WIRE, DISTRIBUTOR GROUND
17	27-52184		1	GASKET, DISTRIBUTOR
18	52185		1	CLAMP, DISTRIBUTOR TO INTAKE MANIFOLD
19	10-54528		1	SCREW, DISTRIBUTOR CLAMP ATTACHING
20	10-33231		1	SCREW, DISTRIBUTOR GROUND TO MANIFOLD
21	54094A1		1	ADAPTOR HOUSING ASSEMBLY, DISTRIBUTOR CAP
22	54205		2	BUMPER, ADAPTOR HOUSING
23	16-54204		3	STUD, ADAPTOR HOUSING TO RETAINER AND COVER
24	37-54347		1	DECAL, DISTRIBUTOR CAP
25	10-25876		2	SCREW, ADAPTOR HOUSING TO DISTRIBUTOR (7/8")
26	13-26996		3	LOCKWASHER, HOUSING AND RETAINER SCREW
27	54986A1		1	RETAINER ASSEMBLY, SPARK PLUG CABLE (LOWER) - STANDARD ROTAT
	54986A2		1	RETAINER ASSEMBLY, SPARK PLUG CABLE (LOWER) - OPPOSITE ROTAT
28	16-54459		2	STUD, RETAINER TO COVER
29	54206		1	INSERT, LOWER RETAINER
30	10-48591		1	SCREW, LOWER RETAINER TO ADAPTOR HOUSING (1/2")
31	54987A1		1	RETAINER ASSEMBLY, SPARK PLUG CABLE (UPPER) - STANDARD ROTAT
	54987A2		1	RETAINER ASSEMBLY, SPARK PLUG CABLE (UPPER) - OPPOSITE ROTAT
32	54095A1		1	COVER ASSEMBLY, DISTRIBUTOR
33	11-45812		5	NUT, ADAPTOR HOUSING AND RETAINER STUD
34	54380A1		1	CABLE ASSEMBLY, HIGH TENSION (#1) STANDARD ROTATION



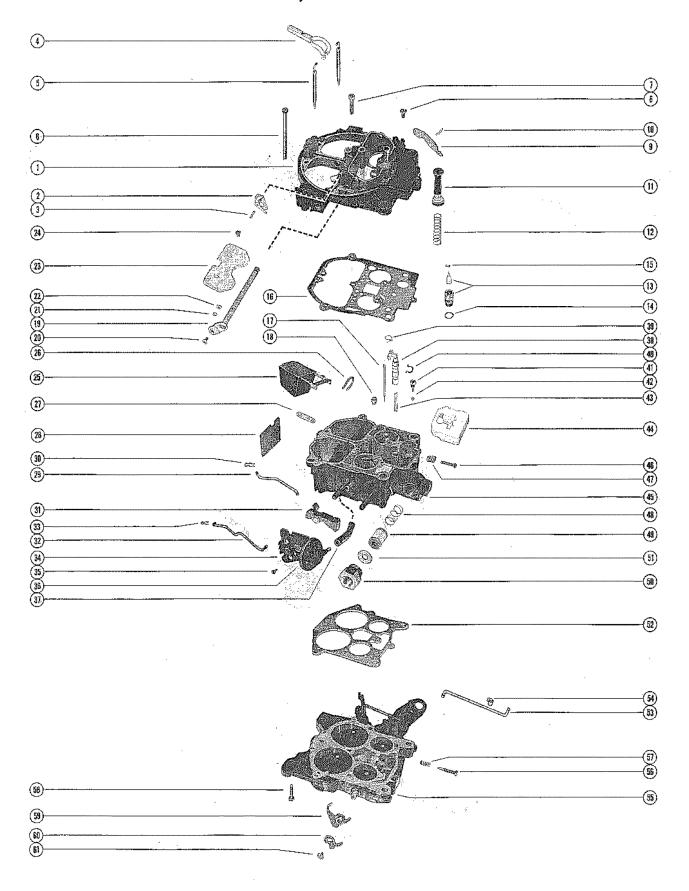
		ı		STRIBUTOR ASSLINDET, CONFELTE
REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
34	54381A1		1	CABLE ASSEMBLY, HIGH TENSION (#2) STANDARD ROTATION
	54380A4		1	CABLE ASSEMBLY, HIGH TENSION (#3) STANDARD ROTATION
	54380A3		1	CABLE ASSEMBLY, HIGH TENSION (#4) STANDARD ROTATION
	54381A3		1	CABLE ASSEMBLY, HIGH TENSION (#5) STANDARD ROTATION
	54381A4		1	CABLE ASSEMBLY, HIGH TENSION (#6) STANDARD ROTATION
	54381A2		1	CABLE ASSEMBLY, HIGH TENSION (#7) STANDARD ROTATION
	54380A2		1	CABLE ASSEMBLY, HIGH TENSION (#8) STANDARD ROTATION
	55231A1		1	CABLE ASSEMBLY, HIGH TENSION (#1) OPPOSITE ROTATION
	55231A4		1	CABLE ASSEMBLY, HIGH TENSION (#2) OPPOSITE ROTATION
	55228A2		1	CABLE ASSEMBLY, HIGH TENSION (#3) OPPOSITE ROTATION
	55228A3		1	CABLE ASSEMBLY, HIGH TENSION (#4) OPPOSITE ROTATION
	55231A2		1	CABLE ASSEMBLY, HIGH TENSION (#5) OPPOSITE ROTATION
	55228A1		1	CABLE ASSEMBLY, HIGH TENSION (#6) OPPOSITE ROTATION
	55231A3		1	CABLE ASSEMBLY, HIGH TENSION (#7) OPPOSITE ROTATION
	55228A4		1	CABLE ASSEMBLY, HIGH TENSION (#8) OPPOSITE ROTATION
35	54836		4	BOOT, HIGH TENSION CABLE
	54837		4	BOOT, HIGH TENSION CABLE
36	33-54842		8	SPARK PLUG (AC #WR-41N)
37	46281		4	RETAINER, HIGH TENSION LEADS
38	10-22487		2	SCREW, HIGH TENSION LEAD RETINER TO INTAKE MANIFOLD
39	54379A1		1	CABLE ASSEMBLY, COIL TO DISTRIBUTOR
40	25-47623		1	GROMMET, CABLE TO RETINER
41	332-2854		1	BOOT, COIL
42	54837		1	BOOT, DISTRIBUTOR
43	26551		1	BRACKET, NYLON STRAP
44	55502		6	STRAP, NYLON - HIGH TENSION CABLE



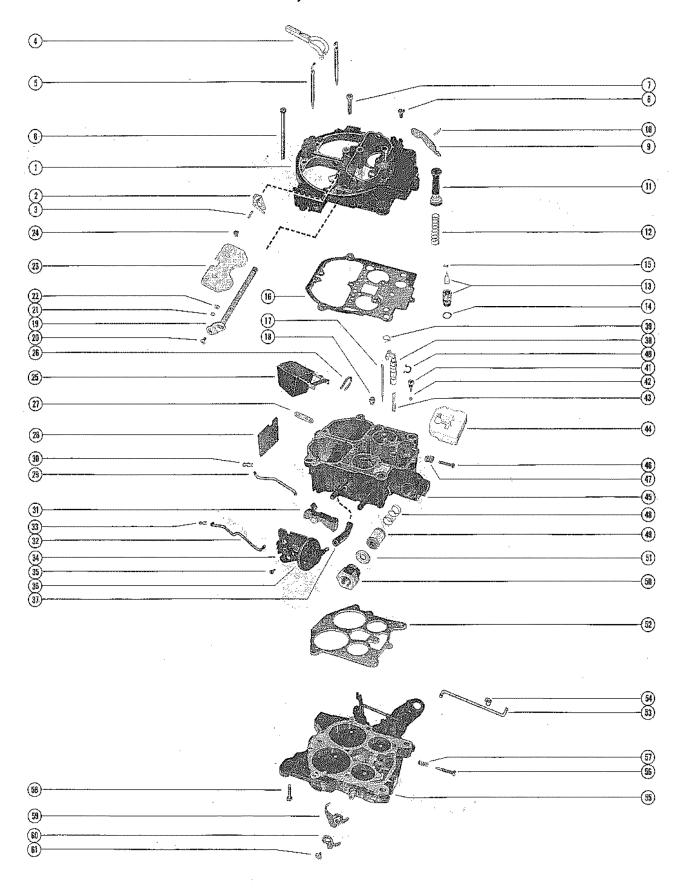
REF.				
NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	46860		1	FUEL PUMP ASSEMBLY
2	10-35169		2	SCREW, FUEL PUMP TO CYLINDER BLOCK (1 1/8")
3	27-34213		1	GASKET, FUEL PUMP
4	35377		1	ROD, PUSH - FUEL PUMP
5	22-32876		1	NIPPLE, SIGHT GLASS TO FUEL PUMP
6	47816		1	SIGHT GLASS
7	32-47721		1	FUEL LINE, FUEL TANK TO FUEL FILTER (12")
8	22-33755		1	ELBOW, FUEL LINE TO FUEL FILTER (INLET)
9	35-57250		1	FUEL FILTER
10	55481		1	BASE, FUEL FILTER
11	22-36382		1	PLUG, PIPE - FUEL FILTER
12	54646		1	BRACKET, MOUNTING - FUEL FILTER
13	10-20639		2	SCREW, FUEL FILTER TO MOUNTING BRACKET (1/2")
14	13-35364		2	LOCKWASHER, FUEL FILTER SCREW
15	12-20084		2	WASHER, FUEL FILTER SCREW
16	11-35814		2	NUT, FUEL FILTER SCREW
17	22-47716		3	ELBOW, FUEL LINE TO FUEL PUMP AND FUEL FILTER
18	32-55872		1	FUEL LINE, FUEL FILTER TO FILTER TL FUEL PUMP (STEEL TUBING)
19	32-55871		1	FUEL LINE, FUEL PUMP TO CARBURETOR (STEEL TUBING)
20	1347-4179A1		1	CARBURETOR ASSEMBLY (SEE F12 FOR BREAKDOWN)
21	16-57835		1	STUD, FLAME ARRESTOR MOUNTING - CARBURETOR
22	11-28941		1	NUT, JAM - FLAME ARRESTOR MOUNTING STUD (BOTTOM)
23	24-48399		1	GASKET, CARBURETOR
24	48359		1	BAFFLE, CARBURETOR
25	22-48358		1	PLUG, INTAKE MANIFOLD VACUUM HOLE
26	53513		1	WEDGE, CARBURETOR MOUNTING
27	16-20525		4	STUD, CARBURETOR MOUNTING (1 5/16")
	16-53722		1	STUD, CARBURETOR MOUNTING (4 3/8")
	16-53730		1	STUD, CARBURETOR MOUNTING (4 9/16")
28	12-20084		5	WASHER CARBURETOR MOUNTING STUD
29	11-46793		6	NUT, CARBURETOR MOUNTING STUD
30	10-22958		1	SCREW, THROTTLE CABLE TO CARBURETOR (1 1/8")
31	23-28626		1	BUSHING, THROTTLE CABLE SCREW
32	23-35040		1	SLEEVE, THROTTLE CABLE SCREW
33	25-35039		1	GROMMET, THROTTLE CABLE SCREW
34	23-32818		1	BUSHING, THROTTLE CABLE SCREW
35	12-20128		3	WASHER, THROTTLE CABLE SCREW
36	11-20190		1	NUT, THROTTLE CABLE SCREW
37	57882		1	FLAME ARRESTOR, CARBURETOR
38	12-22937		1	WASHER, FLAME ARRESTOR STUD
39	11-20856		1	NUT, FLAME ARRESTOR STUD
40	32-47996		2	HOSE, VENT - CARBURETOR (10" AND 12 1/2")



REF.				, TOLL TILTER AND OARBORLTOR
NO.	PART NO.	SYM.	QTY.	DESCRIPTION
41	54-53101		4	CLAMP, VENT HOSE ATTACHING
42	47957		2	CONNECTOR, VENT HOSE TO ROCKER COVER
43	25-49289		2	GROMMET, ROCKER COVER TO VENT HOSE CONNECTOR
44	57096		1	BRACKET, MOUNTING - THROTTLE CABLE
45	10-35386		2	SCREW, THROTTLE BRACKET TO INTAKE MANIFOLD (1")
46	12-20084		2	WASHER, THROTTLE BRACKET SCREW
47	12-26825		1	WASHER, SPACER - THROTTLE BRACKET TO CARBURETOR
48	24-32817		1	SPRING, THROTTLE RETURN
49	16-35897		1	STUD, THROTTLE CABLE TO MOUNTING BRACKET (1 11/16")
50	12-21631		2	WASHER, THROTTLE CABLE STUD
51	23-31866		1	SPACER, THROTTLE CABLE STUD
52	11-20586		1	NUT, THROTTLE CABLE STUD
53	52729		1	TAB, RETAINER - CHOKE RETURN SPRING
54	24-52728		1	SPRING, CHOKE RETURN
55	54283A2		1	PLUNGER AND LINK ASSEMBLY, CHOKE SOLENOID
56	12-38833		2	WASHER, PLUNGER AND LINK
57	18-26953		1	COTTER PIN, PLUNGER AND LINK TO CHOKE LEVER
58	54292A5		1	CHOKE SOLENOID
59	13-26996		2	LOCKWASHER, CHOKE SOLENOID TERMINAL
60	11-20645		2	NUT, CHOKE SOLENOID TERMINAL
61	52726		1	BRACKET, MOUNTING - CHOKE SOLENOID
62	10-21625		2	SCREW, CHOKE SOLENIOD TO MOUNTING BRACKET (3/4")
63	11-35888		2	NUT, CHOKE SOLENOID SCREW

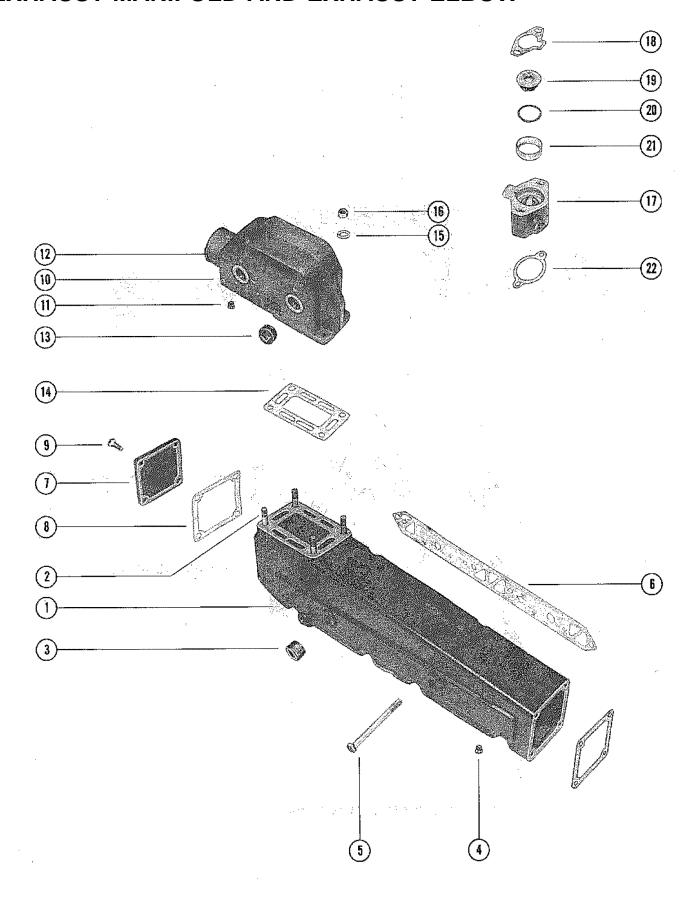


		1	 	RBURETUR ASSEMBLT, COMPLETE
REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
_	1347-4179A1	011111.	1	CARBURETOR ASSEMBLY, COMPLETE
1	1397-4324		1	AIR HORN ASSEMBLY
2	1397-3314		1	LEVER, AIR VALVE LOCKOUT
3	1007 0014		1	ROLL PIN, LOCKOUT LEVER
4	1397-3313		1	HOLDER KIT, SECONDARY METERING ROD
5	1397-4325		2	METERING ROD, SECONDARY
6	10-48137		2	SCREW, AIR HORN TO FLOAT BOWL (3/8")
7	10-34370		5	SCREW, AIR HORN TO FLOAT BOWL (1")
8	10-48395		2	SCREW, AIR HORN TO FLOAT BOWL (3")
9	1397-3311		1	LEVER, ACTUATING - PUMP
10	1007 0011		1	ROLL PIN, HINGE - PUMP LEVER
11			1	PUMP ASSEMBLY
12			1	SPRING, PUMP RETURN
13			1	NEEDLE AND SEAT ASSEMBLY
14			1	GASKET, NEEDLE AND SEAT
15		+	1	PULL CLIP, FLOAT NEEDLE
16		+	1	GASKET, AIR HORN
17		+	2	METERING ROD, PRIMARY
18		+	2	JET, PRIMARY
19	1397-4326	+	1	CHOKE SHAFT AND LEVER ASSEMBLY
_	52730	+	1	CHOKE LEVER
20	10-27881		1	SCREW, CHOKE LEVER ATTACHING
21	13-26994		1	LOCKWASHER, CHOKE LEVER SCREW
22	11-21270		1	NUT, CHOKE LEVER SCREW
23	1397-4327		1	VALVE, CHOKE - CHOKE SHAFT
24	10-48139		2	SCREW, CHOKE VALVE TO CHOKE SHAFT
25	1397-3327		1	FLOAT ASSEMBLY
26	17-48140		1	PIN, HINGE - FLOAT
27	1397-3323		1	LEVER, INTERMEDIATE CHOKE
28	1397-3322		1	BAFFLE, FLOAT BOWL
29	1397-3324		1	ROD, CHOKE
30			1	CLIP, CHOKE ROD
31	1397-3319	1	1	CAM, FAST IDLE
32	1397-3318	1	1	ROD, VACUUM CONTROL
33			1	CLIP, VACUUM CONTROL ROD
34	1397-3339		1	BRACKET ASSEMBLY, VACUUM CONTROL
35	10-48138		1	SCREW, VACUUM CONTROL BRACKET TO FLOAT BOWL
36	1397-3317	1	1	CONTROL ASSEMBLY, VACUUM
37	1397-3320		1	HOSE, VACUUM
38	1397-3328		1	POWER PISTON ASSEMBLY
39	24-48142		1	SPRING, METERING ROD - PRIMARY
40	1397-3329	1	1	RETAINER, POWER PISTON
41	1397-3326	1	1	RETAINER, PUMP DISCHARGE BALL



			 	REDUKTION ASSEMBLI, COM LLIL
REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
42	PART NO.	STIVI.	1	BALL, PUMP DISCHARGE
-	04 404 44	+	<u> </u>	•
43	24-48141		1	SPRING, POWER PISTON
44	1397-3331		1	INSERT, FLOAT BOWL
45	1397-3325		1	FLOAT BOWL ASSEMBLY
46	10-48144		1	SCREW, IDLE STOP
47	24-34373		1	SPRING, IDLE STOP SCREW
48	24-48143		1	SPRING, FILTER NUT
49	35-53336		1	FILTER, FUEL INLET
50	1397-3330		1	NUT, FILTER - FUEL INLET
51			1	GASKET, FILTER NUT
52			1	GASKET, THROTTLE BODY
53	1397-3333		1	ROD, PUMP
54			1	CLIP, PUMP ROD
55	1397-3334		1	THROTTLE BODY ASSEMBLY
56			2	IDLE NEEDLE, THROTTLE BODY
57	24-33050		2	SPRING, IDLE NEEDLE
58	10-48145		3	SCREW, THROTTLE BODY TO FLOAT BOWL
59	1397-3335		1	LEVER, CAM
60	1397-3336		1	LEVER, FAST IDLE
61	10-48146		1	SCREW, LEVER AND CAM TO THROTTLE BODY
-	1397-3315		1	SPRING AND CAM KIT, AIR VALVE
-	1397-3306		1	OVERHAUL KIT
-	1397-3309		1	GASKET SET
-	1397-3465		1	OFF ENGINE KIT

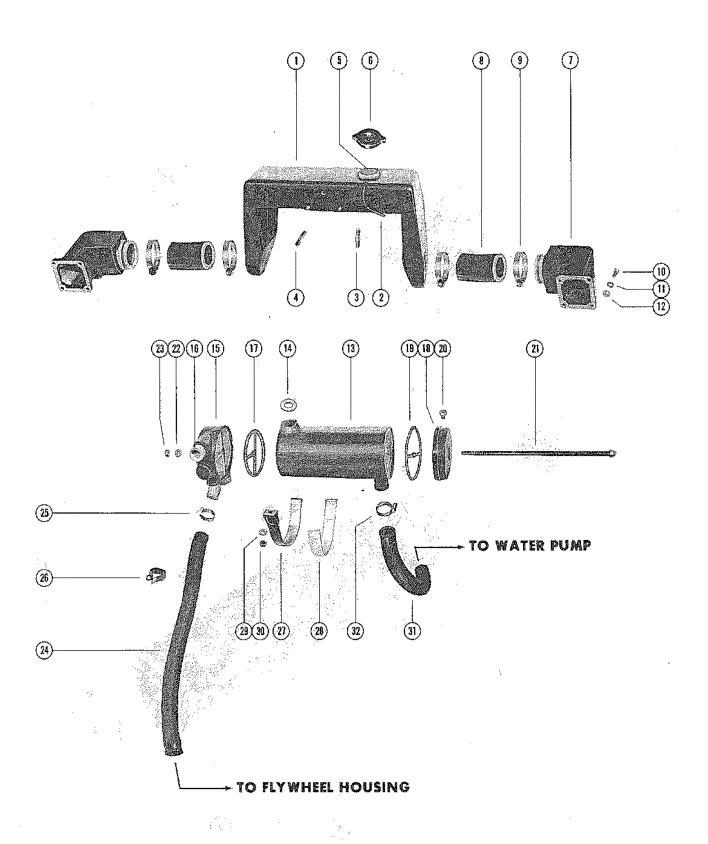
EXHAUST MANIFOLD AND EXHAUST ELBOW



EXHAUST MANIFOLD AND EXHAUST ELBOW

				I MAMI OLD AND EXHAUGH ELDON
REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	47735A1		1	EXHAUST MANIFOLD ASSEMBLY (LEFT SIDE)
	47736A1		1	EXHAUST MANIFOLD ASSEMBLY (RIGHT SIDE)
2	16-52988		8	STUD, EXHAUST MANIFOLD TO EXHAUST ELBOW (3 1/4")
3	22-48118		6	PLUG, EXHAUST MANIFOLD
4	22-32802		2	PLUG, PIPE - EXHAUST MANIFOLD
5	10-37612		8	SCREW, EXHAUST MANIFOLD TO CYLINDER HEAD (1 1/4")
	10-26486		8	SCREW, EXHAUST MANIFOLD TO CYLINDER HEAD (2 3/8")
6	27-46820		2	GASKET, EXHAUST MANIFOLD TO CYLINDER HEAD
7	54870		2	END CAP, EXHAUST MANIFOLD (REAR)
8	27-48043		4	GASKET, END CAP TO EXHAUST MANIFOLD
9	10-25038		8	SCREW, END CAP TO EXHAUST MANIFOLD (7/8")
10	48101A1		2	EXHAUST ELBOW ASSEMBLY
11	22-32802		2	PLUG, PIPE - EXHAUST ELBOW
12	32-49705		2	TUBE, WATER - EXHAUST ELBOW
13	22-48118		8	PLUG, EXHAUST ELBOW
14	27-48042		4	GASKET, EXHAUST ELBOW TO EXHAUST MANIFOLD
15	13-37459		8	LOCKWASHER, EXHAUST ELBOW TO EXHAUST MANIFOLD STUD
16	11-49838		8	NUT, EXHAUST ELBOW TO EXHAUST MANIFOLD STUD
17	57115		1	THERMOSTAT HOUSING
18	27-48818		1	GASKET, THERMOSTAT HOUSING (UPPER)
19	35884		1	THERMOSTAT
20	27-47510		1	GASKET, THERMOSTAT (MIDDLE)
21	23-47508		1	SLEEVE, THERMOSTAT HOUSING
22	27-53045		1	GASKET, THERMOSTAT HOUSING TO MANIFOLD (LOWER)

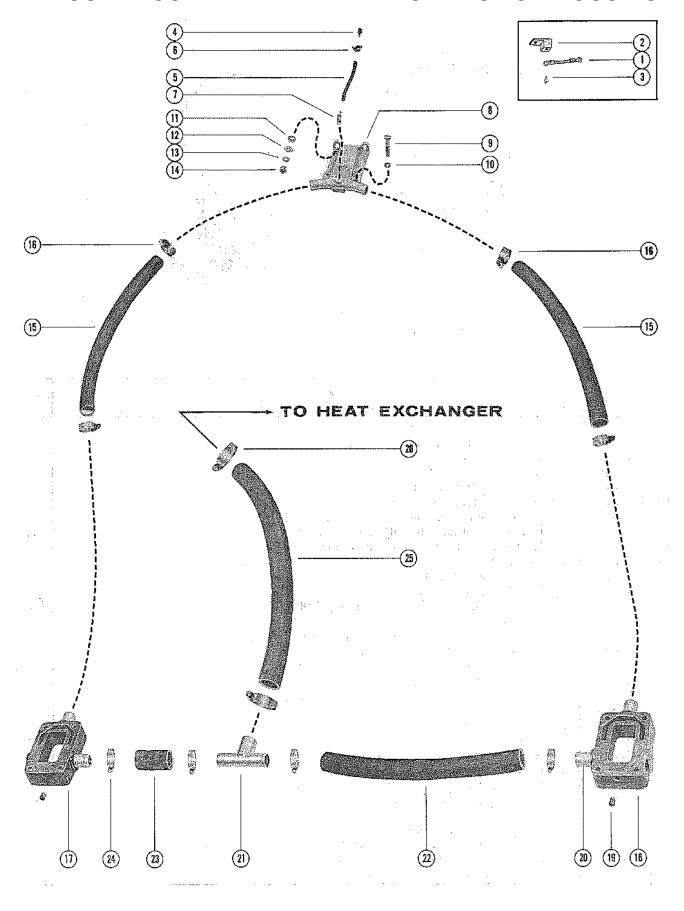
HEAT EXCHANGER AND RESERVOIR



HEAT EXCHANGER AND RESERVOIR

REF.			<u> </u>	ILAT LACITANGEN AND RESERVOIR
NO.	PART NO.	SYM.	QTY.	DESCRIPTION
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	16-33111		2	STUD, THERMOSTAT COVER TO RESERVOIR (1 9/16")
5	22-39737		1	SLEEVE, WATER FILLER
6	36-55143		1	CAP, RESERVOIR WATER FILLER
7	55127		2	END CAP, EXHAUST MANIFOLD AND RESERVIOR
8	32-579293		2	HOSE, CONNECTOR - END CAP TO RESERVOIR
9	54-38889		4	CLAMP, CONNECTOR HOSE
10	10-35386		6	SCREW, END CAP TO EXHAUST MANIFOLD (1")
	10-53016		2	SCREW, END CAP TO EXHAUST MANIFOLD (1 1/4")
11	13-39107		8	LOCKWASHER, END CAP SCREW
12	12-26825		8	WASHER, END CAP SCREW
13	55075A1		1	HEAT EXCHANGER ASSEMBLY
14	24-55144		1	GASKET, HEAT EXCHANGER INLET
15	55208A1		1	END CAP ASSEMBLY, HEAT EXCHANGER
16	23-47511		2	SLEEVE, END CAP
17	27-55136		1	GASKET, END CAP TO HEAT EXCHANGER
18	55129		1	END CAP, HEAT EXCHANGER
19	27-55138		1	GASKET, END CAP TO HEAT EXCHANGER
20	22-32802		1	PLUG, PIPE - END CAP
21	10-55137		1	SCREW, END CAP TO HEAT EXCHANGER (14")
22	12-20553		2	WASHER, END CAP SCREW
23	11-23161		1	NUT, END CAP SCREW
24	32-57016		1	HOSE, HEAT EXCHANGER END CAP TO FLYWHEEL HOUSING
25	54-32780		2	CLAMP, HEAT EXCHANGER HOSE TO END CAP AND FLYWHEEL HSG.
26	54-47715		2	CLIP, HEAT EXCHANGER HOSE TO CRANKCASE
27	55145		2	STRAP, MOUNTING - HEAT EXCHANGER TO RESERVOIR
28	55124		2	PADDING, MOUNTING STRAP
29	12-26825		2	WASHER, MOUNTING STRAP STUD
30	11-25594		2	NUT, MOUNTING STRAP STUD
31	32-55317		1	HOSE, HEAT EXCHANGER TO WATER PUMP
32	54-32781		2	CLAMP, HOSE TO HEAT EXCHANGER AND WATER PUMP

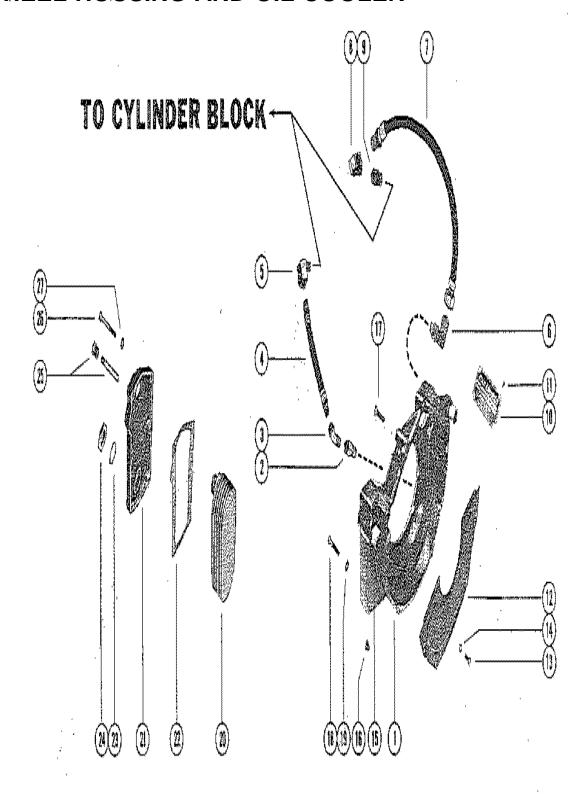
THERMOSTAT COVER AND WATER DISTRIBUTION HOUSING



THERMOSTAT COVER AND WATER DISTRIBUTION HOUSING

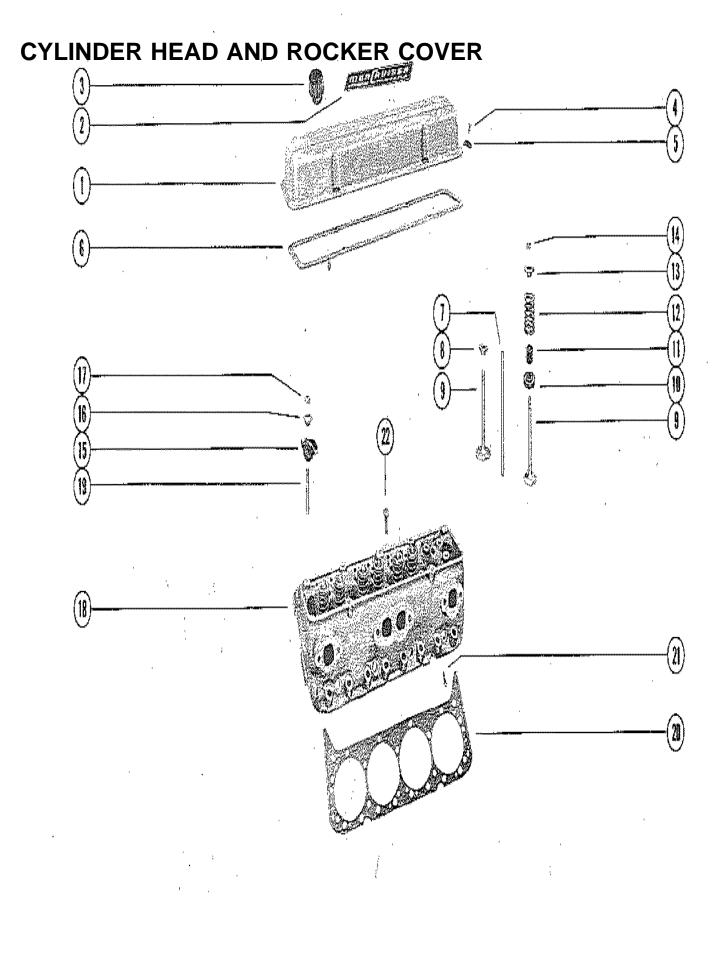
REF.				
NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	58036A2		1	RESISTOR ASSEMBLY , WATER TEMPERATURE
2	45915		1	TERMINAL BLOCK
3	10-30009		1	SCREW, RESISTOR TO TERMINAL BLOCK
4	22-20445		1	FITTING, AIR BLEED HOSE TO RESERVOIR
5	32-57130		1	HOSE, AIR BLEED (6 1/2")
6	54-20387		2	CLAMP, FITTINGS TO AIR BLEED HOSE
7	22-54139		1	FITTING, AIR BLEED HOSE TO THERMOSTAT COVER
8	57126		1	COVER, THERMOSTAT
9	10-35785		2	SCREW, THERMOSTAT COVER AND THERMOSTAT HOUSING TO MANIFOLD (3 1/4")
10	13-37459		2	LOCKWASHER, THERMOSTAT COVER AND THERMOSTAT HOUSING SCREW
11	12-30771		2	WASHER, FIBER - THERMOSTAT COVER TO RESERVOIR STUD
12	12-20084		2	WASHER, THERMOSTAT COVER TO RESERVOIR STUD
13	13-39107		2	LOCKWASHER, THERMOSTAT COVER TO RESERVOIR STUD
14	11-35814		2	NUT, THERMOSTAT COVER TO RESERVOIR STUD
15	32-35100A1		2	HOSE, THERMOSTAT COVER TO WATER DISTRIBUTION HOUSING (23")
16	54-32880		4	CLAMP, HOSE ATTACHING
17	52884A1		1	HOUSING ASSEMBLY, WATER DISTRIBUTION (LEFT SIDE)
18	52885A1		1	HOUSING ASSEMBLY, WATER DISTRIBUTION (RIGHT SIDE)
19	22-32802		2	PLUG, PIPE - WATER DISTRIBUTION HOUSING
20	23-52020		4	SLEEVE, WATER DISTRIBUTION HOUSING
21	22-55133		1	TEE, FITTING
22	32-35100A1		1	HOSE, WATER DISTRIBUTION HOUSING TO TEE (20")
23	32-35100A1		1	HOSE, WATER DISTRIBUTION HOUSING TO TEE (2")
24	54-32880		4	CLAMP, HOSE ATTACHING
25	32-55483		1	HOSE, HEAT EXCHANGER END CAP TO TEE (25 3/4")
26	54-32780		2	CLAMP, HOSE ATTACHING

FLYWHEEL HOUSING AND OIL COOLER



FLYWHEEL HOUSING AND OIL COOLER

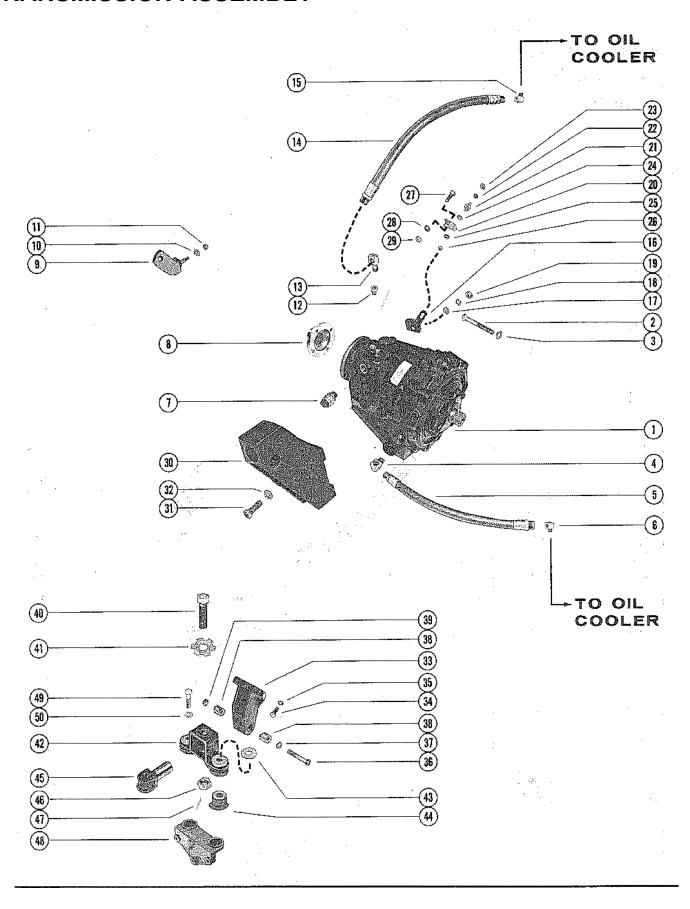
		1		WITELE HOUGHTO AITO OIL OCOLLIN
REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	47554		1	HOUSING, FLYWHEEL (DOUBLE COOLER)
2	22-48873		1	EXTENDER, OUTLET HOSE TO OIL COOLER
3	22-48872		1	ELBOW, OUTLET HOSE (45 DEGREES)
4	32-489441		1	HOSE, OUTLET - OIL COOLER TO CYLINDER BLOCK (8") 1
5	22-48246		1	ELBOW, OUTLET HOSE TO CYLINDER BLOCK (90 DEGREES)
6	22-48871		1	ELBOW, INLET HOSE TO OIL COOLER (90 DEGREES)
7	32-48946		1	HOSE, INLET - OIL COOLER TO CYLINDER BLOCK (15")
8	22-48246		1	ELBOW, INLET HOSE TO CYLINDER BLOCK (90 DEGREES)
9	22-48874		1	FITTING, REDUCER - INLET HOSE ELBOW
10	38-47520		1	SERIAL PLATE
11	10-20314		4	SCREW, SERIAL PLATE ATTACHING
12	47542		1	COVER, FLYWHEEL HOUSING
13	10-28635		4	SCREW, COVER TO FLYWHEEL HOUSING (5/8")
14	13-26992		4	LOCKWASHER, COVER SCREW
15	23-47511		2	SLEEVE, CONNECTING - FLYWHEEL HOUSING
16	22-32802		1	PLUG, DRAIN - FLYWHEEL HOUSING
17	10-26632		1	SCREW, FLYWHEEL HOUSING TO ENGINE (1 1/4")
18	10-52708		4	SCREW, FLYWHEEL HOUSING TO ENGINE (2 1/2")
19	12-33181		4	WASHER, SEALING - FLYWHEEL HOUSING SCREW
20	47610		1	COOLER, OIL RIGHT SIDE
21	47490		1	COVER, OIL COOLER RIGHT SIDE
22	27-47495		1	GASKET, OIL COOLER COVER RIGHT SIDE
20	47611		1	COOLER, OIL LEFT SIDE
21	47541		1	COVER, OIL COOLER LEFT SIDE
22	27-47496		1	GASKET, OIL COOLER COVER LEFT SIDE
23	25-47632		4	"O" RING, SEALING - OIL COOLER
24	11-47521		4	NUT, JAM - OIL COOLER
25	22-47917		2	ELECTRODE, OIL COOLER
26	10-20362		12	SCREW, OIL COOLER COVER TO FLYWHEEL HOUSING (1 7/16")
27	12-36533		4	WASHER, OIL COOLER COVER SCREW
	13-26993		8	LOCKWASHER, OIL COOLER COVER SCREW



CYLINDER HEAD AND ROCKER COVER

		1	' ' '	LINDER HEAD AND ROCKER COVER
REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	58046		2	COVER, ROCKER VALVE
2	37-34443		2	DECAL, ROCKER VALVE COVER
-	37-55123		2	DECAL, ROCKER VALVE COVER (390 H.P.)
3	52549		1	CAP, OIL FILLER(NOT AS SHOWN)
4	10-58047		8	SCREW, ROCKER VALVE COVER TO CYLINDER HEAD (1/2")
5	49174		8	REINFORCEMENT, ROCKER VALVE COVER SCREW
6	27-49121		2	GASKET, ROCKER VALVE COVER
7	58039		8	ROD, VALVE PUSH (INLET)
	58040		8	ROD, VALVE PUSH (EXHAUST)
8	49132		8	GUIDE, PUSH ROD
9	49774		8	VALVE, EXHAUST (STANDARD)
	58050		AR	VALVE, EXHAUST (.015O.S.)
	58048		8	VALVE, INLET (STANDARD)
	58049		AR	VALVE, INLET (015O.S.)
10	15-F5431		8	SHIM, INLET VALVE SPRING (THIN)
11	26-49131		16	SEAL, VALVE
12	24-58052		16	SPRING, VALVE
13	52194		16	CAP, VALVE SPRING
14	28-54530		32	KEY, VALVE STEM
15	49781		16	ARM, ROCKER VALVE
16	58041		16	BALL UNIT, ROCKER VALVE ARM
17	11-49119		16	NUT, ROCKER VALVE ARM STUD
18	938-4269		2	CYLINDER HEAD ASSEMBLY
19	16-49133		16	STUD, ROCKER VALVE ARM
20	27-49104		2	GASKET, CYLINDER HEAD
21	10-49106		8	BOLT, CYLINDER HEAD TO CYLINDER BLOCK (2")
22	10-49105		24	BOLT, CYLINDER HEAD TO CYLINDER BLOCK (4 1/8")

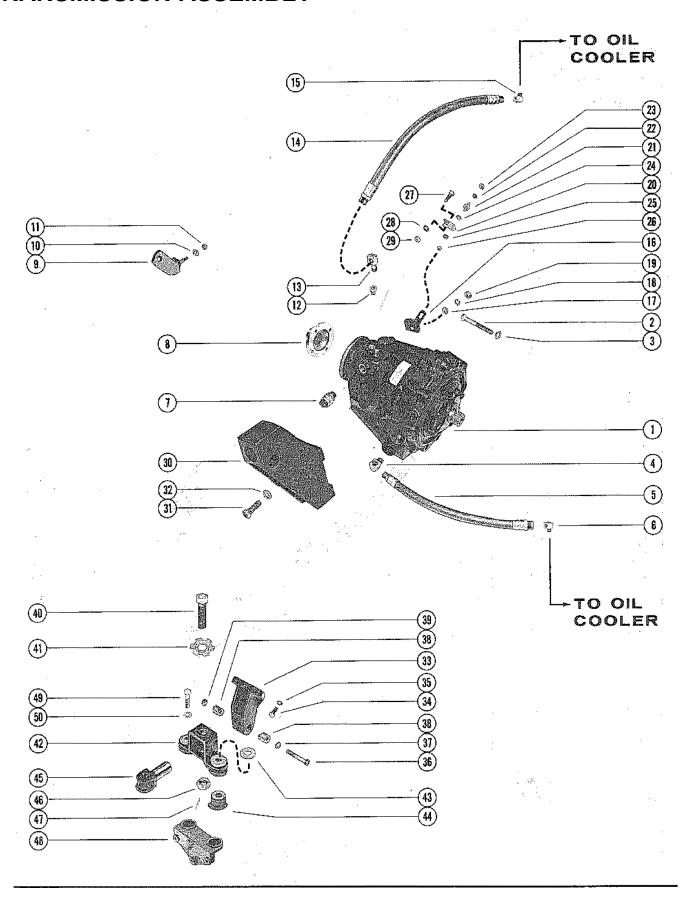
TRANSMISSION ASSEMBLY



TRANSMISSION ASSEMBLY

		ı	1	TRANSINIOSION ASSEMBLI
REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	47810		1,,,,	TRANSMISSION (DIRECT DRIVE)
	47811		,1,,,	TRANSMISSION (1.523:1 REDUCTION)
	47812		,,1,,	TRANSMISSION (1.909:1 REDUCTION)
	47813		,,,1,	TRANSMISSION (2.57:1 REDUCTION)
	47814		,,,,1	TRANSMISSION (2.909:1 REDUCTION)
2	10-38197			SCREW, TRANSMISSION TO ENGINE (3 1/2")
3	13-32993		6,6,6,6,6	LOCKWASHER, TRANSMISSION SCREW
4	22-47629		1,1,1,1,1	ELBOW, HOSE TO TRANSMISSION (90 DEGREES)
5	32-475163		1,1,1,1,1	HOSE, OIL COOLER TO TRANSMISSION (7 7/8")
6	22-47630		1,1,1,1,1	ELBOW, HOSE TO OIL COOLER (90 DEGREES)
7	47613		1,1,1,1,1	SWITCH, NEUTRAL SAFETY
8	48386		OPT.,OPT.,	FLANGE (1")
	48387		OPT.,OPT.,	FLANGE (1 1/8")
	48388		OPT.,OPT.,	FLANGE (1 1/4")
	48389		OPT.,OPT.,	FLANGE (1 3/8")
	48390		OPT.,OPT.,	FLANGE (1 1/2")
9	48649		1,1,1,1,1	BRACKET, SHIFT CABLE
10	12-37407		1,1,1,1,1	WASHER, SHIFT CABLE TO BRACKET STUD
11	11-46438		1,1,1,1,1	NUT, SHIFT CABLE TO BRACKET STUD (10-32)
12	23-36159		1,1,1,1,1	BUSHING, REDUCING - TRANSMISSION ELBOW
13	22-47631		1,1,1,1,1	ELBOW, HOSE TO TRANSMISSION (90 DEGREES)
14	32-475162		1,1,1,1,1	HOSE, TRANSMISSION TO OIL COOLER (16 3/4")
15	22-47630		1,1,1,1,1	ELBOW, HOSE TO OIL COOLER (90 DEGREES)
16	48515		1,1,1,1,1	LEVER, SHIFT - TRANSMISSION
17	12-20722		1,1,1,1,1	WASHER, SHIFT LEVER TO TRANSMISSION
18	13-26993		1,1,1,1,1	LOCKWASHER, SHIFT LEVER TO TRANSMISSION
19	11-20083		1,1,1,1,1	NUT, SHIFT LEVER TO TRANSMISSION
20	48652		1,1,1,1,1	ADAPTOR, SHIFT CABLE TO SHIFT LEVER
21	16-48680		1,1,1,1,1	STUD, SHIFT CABLE ADAPTOR TO SHIFT LEVER (1 1/4")
22	12-20533		1,1,1,1,1	WASHER, SHIFT CABLE ADAPTOR STUD
23	11-46887		1,1,1,1,1	NUT, SHIFT CABLE ADAPTOR STUD (1/4-28)
24	13-29402		1,1,1,1,1	WAVE WASHER, SHIFT CABLE ADAPTOR STUD
25	12-37407		1,1,1,1,1	WASHER, SHIFT CABLE ADAPTOR STUD
26	11-46438		1,1,1,1,1	NUT, SHIFT CABLE ADAPTOR STUD (10-32)
27	10-20639		1,1,1,1,1	SCREW, SHIFT CABLE TO ADAPTOR (1 1/8")
28	12-22753		1,1,1,1,1	WASHER, SHIFT CABLE SCREW
29	11-46793		1,1,1,1,1	NUT, SHIFT CABLE SCREW (5/16-24)
30	47501		2,2,2,2,2	BRACKET, MOUNTING (REAR)
31	10-37269		4,4,4,4,4	SCREW, MOUNTING BRACKET TO TRANSMISSION (2") 4
32	13-32993		4,4,4,4,4	LOCKWASHER, MOUNTING BRACKET SCREW
33	47499		2,2,2,2,2	BRACKET, MOUNTING (FRONT)
34	10-48424		6,6,6,6,6	SCREW, MOUNTING BRACKET TO CYLINDER BLOCK (1 5/8")
35	13-35048		6,6,6,6,6	LOCKWASHER, MOUNTING BTACKET SCREW

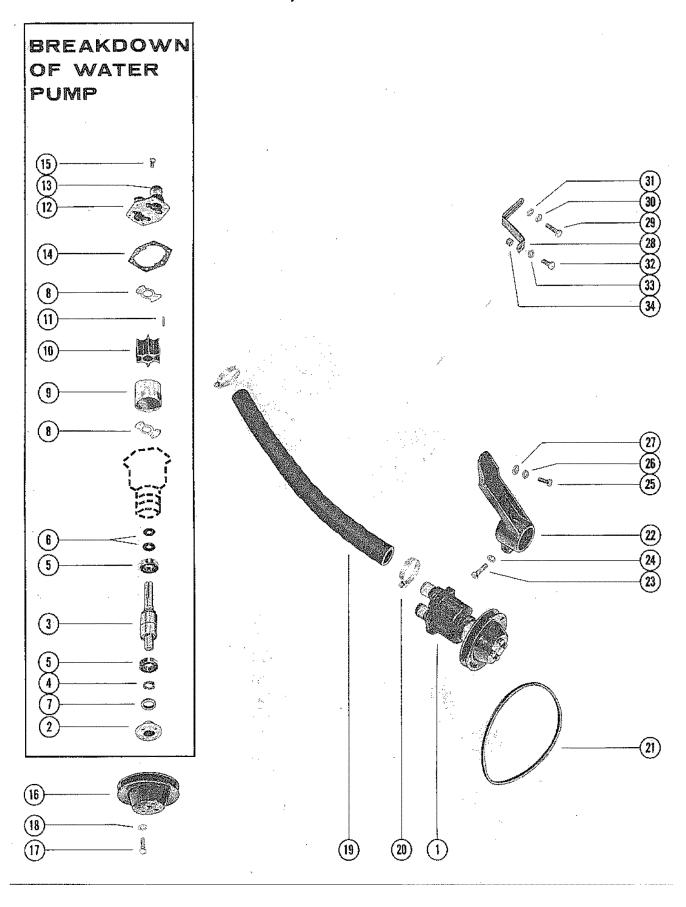
TRANSMISSION ASSEMBLY



TRANSMISSION ASSEMBLY

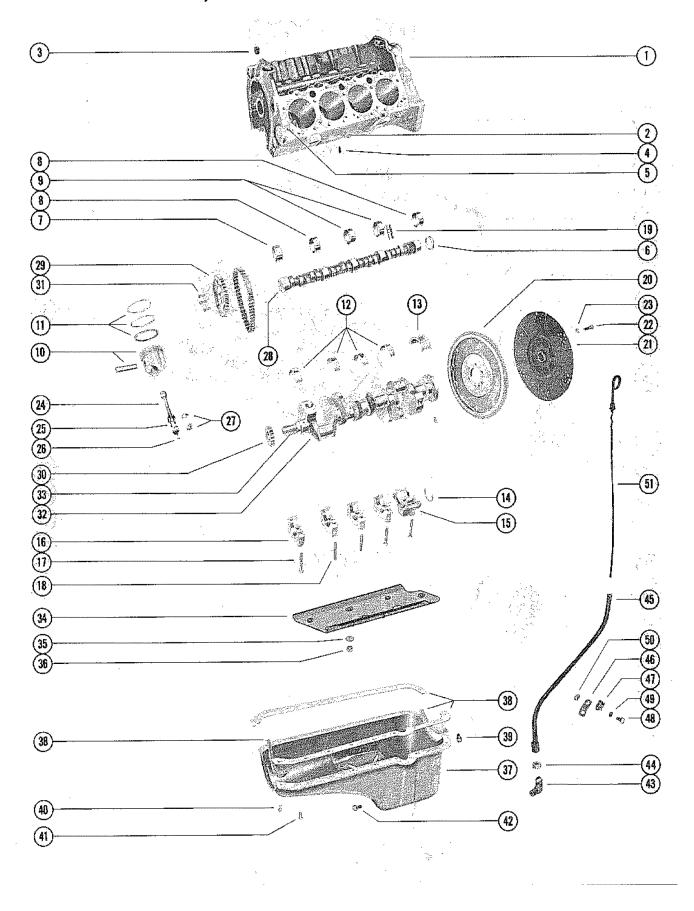
REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
36	10-47654		4,4,4,4,4	SCREW, CLAMP - ADJUSTING TRUNNION (2 3/4")
37	13-32993		4,4,4,4,4	LOCKWASHER, CLAMP ADJUSTING TRUNNION SCREW
38	54-47528		8,8,8,8,8	CLAMP, ADJUSTING TRUNNION SCREW
39	11-29553		4,4,4,4,4	NUT, CLAMP ADJUSTING TRUNNION SCREW
40	10-52156		4,4,4,4,4	SCREW, ADJUSTING TRUNNION (4 1/2")
41	14-48467		4,4,4,4,4	TAB WASHER, ADJUSTING TRUNNION SCREW
42	52139A2		4,4,4,4,4	BRACKET ASSEMBLY, MOUNTING - FRONT AND REAR
43	12-48611		8,8,8,8,8	WASHER, MOUNTING BRACKET
44	47656		8,8,8,8,8	MOUNT, MOUNTING BRACKET
45	47518		4,4,4,4,4	TRUNNION, ADJUSTING - MOUNTING BRACKET
46	11-47525		4,4,4,4,4	NUT, JAM - ADJUSTING TRUNNION SCREW
47	17-22116		4,4,4,4,4	PIN, ROLL - JAM NUT
48	47986		4,4,4,4,4	BRACKET, MOUNTING - ENGINE
49	10-48254		8,8,8,8,8	SCREW, MOUNTING BRACKET ATTACHING (2 1/8")
50	13-31848		8,8,8,8,8	LOCKWASHER, MOUNTING BRACKET SCREW

WATER PUMP ASSEMBLY, COMPLETE

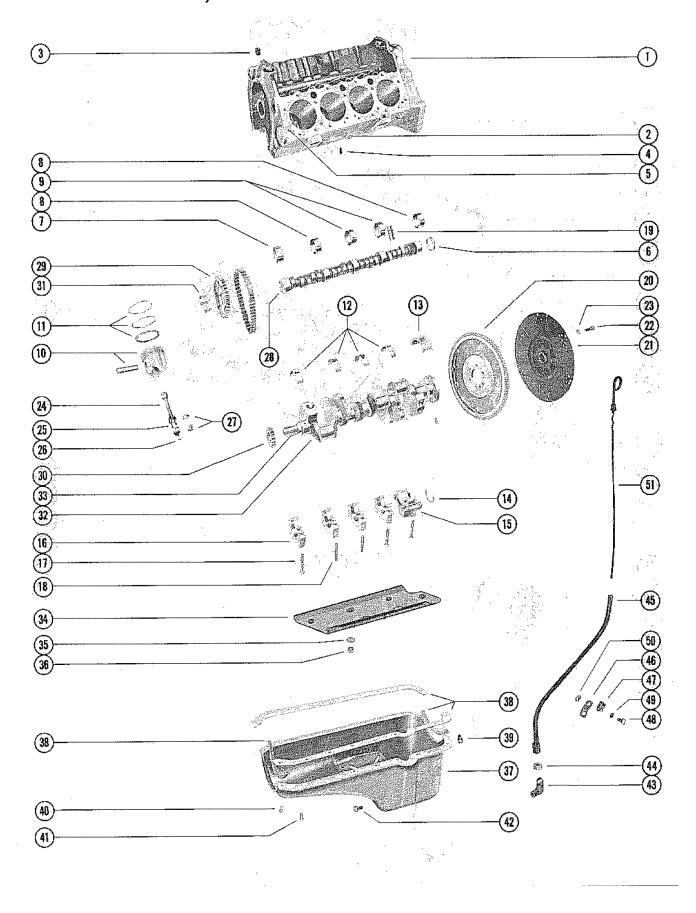


WATER PUMP ASSEMBLY, COMPLETE

		1		ATER POWE ASSEMBLT, COMPLETE
REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	46-58001A4	O T WIL	1	WATER PUMP ASSEMBLY, COMPLETE
2	47530		1	HUB, WATER PUMP PULLEY
3	57967		1	SHAFT, WATER PUMP
4	53-23720		1	RING, RETAINING - SHAFT AND BEARING
5	30-20861		2	BALL BEARING, WATER PUMP SHAFT
6	26-23300		2	OIL SEAL, WATER PUMP SHAFT
7	26-58111		1	OIL SEAL, WATER PUMP SHAFT
8	47405		2	WEAR PLATE
9	47529		1	INSERT, WATER PUMP
10	47-47519		1	IMPELLER
11	17-47526		1	PIN, IMPELLER DRIVE
12	47497A1		1	COVER ASSEMBLY, WATER PUMP
13	23-47511		2	SLEEVE, WATER PUMP COVER 2
14	27-47410		1	GASKET, WATER PUMP COVER TO WATER PUMP BODY
15	10-28635		6	SCREW, WATER PUMP COVER TO WATER PUMP BODY
16	52822		1	PULLEY, WATER PUMP
17	10-20705		4	SCREW, WATER PUMP PULLEY TO WATER PUMP (3/4")
18	13-39107		4	LOCKWASHER, WATER PUMP PULLEY SCREW
19	32-47722A1		1	HOSE, WATER PUMP TO OIL COOLER (25")
20	54-32780		2	CLAMP, HOSE TO WATER PUMP AND OIL COOLER
21	57-48121		1	BELT, WATER PUMP
22	47489		1	BRACKET, WATER PUMP
23	10-34354		1	SCREW, WATER PUMP BRACKET ATTACHING (1 1/2")
24	13-35048		1	LOCKWASHER, WATER PUMP BRACKET SCREW
25	10-48948		1	SCREW, WATER PUMP BRACKET TO ENGINE (7/8")
	10-47461		1	SCREW, WATER PUMP BRACKET TO ENGINE (1")
26	13-32993		2	LOCKWASHER, WATER PUMP BRACKET SCREW
27	12-30315		1	WASHER, WATER PUMP BRACKET SCREW
28	47544		1	BRACE, WATER PUMP ADJUSTING
29	10-34353		1	SCREW, ADJUSTING BRACE TO OIL PAN
30	13-35048		1	LOCKWASHER, ADJUSTING BRACE SCREW
31	12-20553		1	WASHER, ADJUSTING BRACE SCREW
32	10-35786		1	SCREW, ANJUSTING BRACE TO WATER PUMP BRACKET (1")
33	13-37449		1	LOCKWASHER, ADJUSTING BRACE SCREW
34	11-24883		1	NUT, ADJUSTING BRACE SCREW

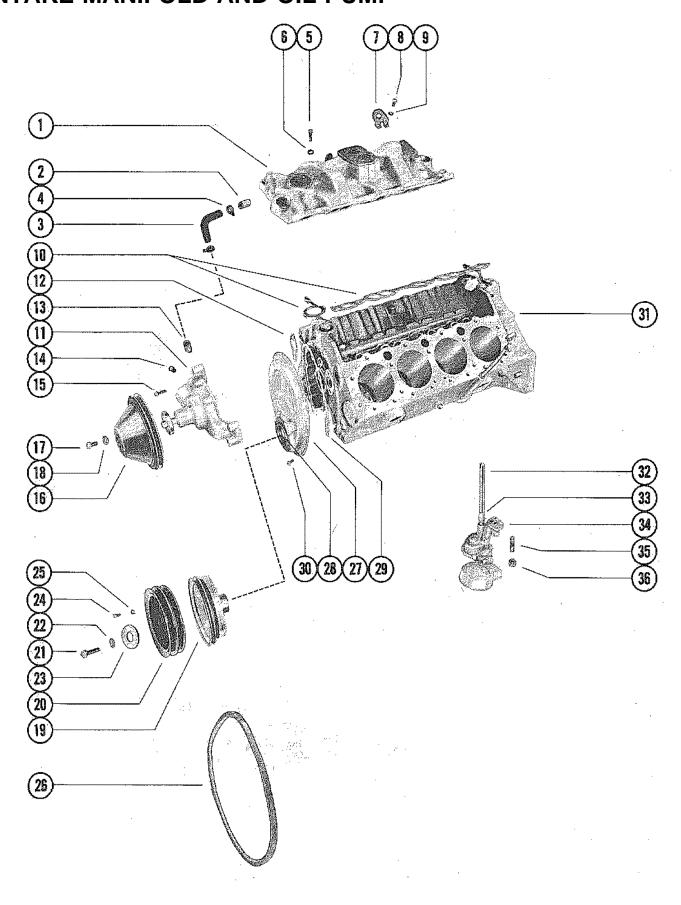


	<u> </u>			LOCK, PISTONS AND CRANKSHAFT
REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	842-4268		1	CYLINDER BLOCK ASSEMBLY
-	22-49146		3	PLUG, PIPE - CYLINDER BLOCK (3/4")
-	19-37478		8	PLUG, EXPANSION - CYLINDER BLOCK (1 3/4")
-	22-48340		9	PLUG, PIPE - CYLINDER BLOCK (1/4")
-	22-48358		1	PLUG, PIPE - CYLINDER BLOCK (3/8")
2	22-36382		2	PLUG, WATER DRAIN - CYLINDER BLOCK
3	22-48341		1	PLUG, PIPE - OIL PRESSURE GAUGE HOLE
4	17-24813		1	PIN, DOWEL - OIL PUMP LOCATING
5	17-52190		4	PIN, DOWEL - CYLINDER BLOCK TO CYLINDER HEAD
6	19-52191		1	PLUG, EXPANSION - CAMSHAFT BEARING HOLE
7	23-49150		1	BEARING UNIT, CAMSHAFT (FRONT)
8	23-49151		2	BEARING UNIT, CAMSHAFT (FRONT INTERMIDIATE AND REAR)
9	23-49152		2	BEARING UNIT, CAMSHAFT (CENTER AND REAR INTERMIDIATE)
10	737-4271		AR	PISTON AND PISTON PIN ASSEMBLY (.001 O.S.) -USE STANDARD RI
	737-4272		AR	PISTON AND PISTON PIN ASSEMBLY (.020 O.S.)
	737-4273		AR	PISTON AND PISTON PIN ASSEMBLY (.030 O.S.)
11	39-49157		1	RING, PISTON - 8 SETS (STANDARD)
	39-58054		AR	RING, PISTON - 8 SETS (.020 O.S.)
	39-49173		AR	RING, PISTON - 8 SETS (.030 O.S.)
12	23-49158		4	BEARING UNIT, CRANKSHAFT MAIN (STANDARD)
	23-49159		AR	BEARING UNIT, CRANKSHAFT MAIN (.001 U.S.)
	23-49160		AR	BEARING UNIT, CRANKSHAFT MAIN (.002 U.S.)
	23-49161		AR	BEARING UNIT, CRANKSHAFT MAIN (.020 U.S.)
13	23-49163		1	BEARING UNIT, CRANKSHAFT MAIN - REAR (STANDARD)
	23-49164		AR	BEARING UNIT, CRANKSHAFT MAIN - REAR (.001 U.S.)
	23-49165		AR	BEARING UNIT, CRANKSHAFT MAIN - REAR (.002 U.S.)
	23-49166		AR	BEARING UNIT, CRANKSHAFT MAIN - REAR (.010 U.S.)
	23-49167		AR	BEARING UNIT, CRANKSHAFT MAIN - REAR (.020 U.S.)
14	26-37479		2	OIL SEAL, REAR CRANKSHAFT BEARING CAP
15	49142		1	CAP, REAR - CRANKSHAFT BEARING
16	49143		4	CAP, INTERMIDIATE AND FRONT - CRANKSHAFT BEARING
17	10-49145		10	BOLT, CRANKSHAFT BEARING CAP TO CYLINDER BLOCK (2 5/8")
	10-49147		6	BOLT, CRANKSHAFT BEARING CAP TO CYLINDER BLOCK (3 3/8")
18	16-49144		4	STUD, CRANKSHAFT BEARING CAP TO CYLINDER BLOCK
19	34282		16	LIFTER, HYDRAULIC VALVE - TAPPET
20	230-4267		1	FLYWHEEL ASSEMBLY
21	47607		1	DRIVE PLATE, FLYWHEEL
22	10-35091		6	SCREW, DRIVE PLATE TO FLYWHEEL
23	13-35048		6	LOCKWASHER, DRIVE PLATE SCREW



	<u> </u>			LOCK, FISTONS AND CKANKSHAFT
REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
24	614-4274		8	CONNECTING ROD ASSEMBLY
25	10-58055		16	BOLT, CONNECTING ROD CAP
26	11-58056		16	NUT, CONNECTING ROD CAP BOLT
27	23-49168		1	BEARING SET (8 PAIR), CONNECTING ROD (STANDARD)
	23-49169		AR	BEARING UNIT (PAIR), CONNECTING RID (.001 U.S.)
	23-49170		AR	BEARING UNIT (PAIR), CONNECTING RID (.002 U.S.)
	23-49171		AR	BEARING UNIT (PAIR), CONNECTING RID (.010 U.S.)
	23-49172		AR	BEARING UNIT (PAIR), CONNECTING RID (.020 U.S.)
28	431-3422		1	CAMSHAFT (STANDARD ROTATION)
	431-3427		1	CAMSHAFT (OPPOSITE ROTATION)
-	23-49124		1	BEARING, THRUST - CAMSHAFT
-	28-34466		1	HEY, CAMSHAFT TIMING GEAR
29	43-49125		1	GEAR, CAMSHAFT TIMING
30	43-49114		1	GEAR, CRANKSHAFT TIMING
31	10-34277		2	BOLT, CAMSHAFT TIMING SPROCKET (7/16")
32	429-4270		1	CRANKSHAFT
33	28-34466		2	KEY, CRANKSHAFT PULLEY AND BALANCER
34	49198		1	BAFFLE, OIL PAN (CYLINDER BLOCK)
35	12-49112		4	WASHER, BAFFLE BOLT
36	11-37500		4	NUT, BAFFLE TO CYLINDER BLOCK STUD
37	47552		1	OIL PAN
38	27-52550		1	GASKET SET, OIL PAN
39	19-47815		2	PLUG, RUBBER - OIL PAN
40	10-55714		10	SCREW, OIL PAN TO CYLINDER BLOCK (5/16-18X7/8")
41	10-55715		3	SCREW, OIL PAN TO CYLINDER BLOCK (1/4-20X7/8")
42	22-36373		1	PLUG, PIPE - OIL PAN DRAIN
43	22-47625		1	ELBOW, OIL LEVEL GAUGE TUBE TO OIL PAN
44	11-47626		1	NUT, OIL LEVEL GAUGE TUBE
45	47492		1	TUBE, OIL LEVEL GAUGE
46	48134		1	BRACKET, OIL LEVEL GAUGE TUBE CLIP
47	54-47545		1	CLIP, OIL LEVEL GAUGE TUBE
48	10-33524		1	SCREW, OIL LEVEL GAUGE TUBE CLIP TO BRACKET (5/8")
49	13-39107		1	LOCKWASHER, OIL LEVEL GAUGE TUBE CLIP SCREW
50	11-22053		1	NUT, OIL LEVEL GAUGE TUBE CLIP SCREW
51	48394		1	GAUGE, OIL LEVER (DIPSTICK)

INTAKE MANIFOLD AND OIL PUMP



INTAKE MANIFOLD AND OIL PUMP

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	58057		1	INTAKE MANIFOLD
2	22-58095		1	CONNECTOR, INTAKE MANIFOLD - BY-PASS HOSE
3	32-49122		1	HOSE, BY-PASS - INTAKE MANIFOLD TO WATER PUMP
4	54-32880		2	CLAMP, BY-PASS HOSE ATTACHING
5	10-37510		16	BOLT, INTAKE MANIFOLD TO CYLINDER BLOCK (1 1/4")
6	12-49112		16	WASHER, INTAKE MANIFOLD BOLT
7	54-47513		2	EYE, LIFTING
8	10-34354		4	SCREW, LIFTING EYE ATTACHING (1 1/2 ")
9	13-35048		4	LOCKWASHER, LIFTING EYE SCREW
10	27-58088A1		1	GASKET, INTAKE MANIFOLD
11	54534		1	WATER PUMP ASSEMBLY
12	27-49110		2	GASKET, WATER PUMP MOUNTING
13	22-54533		1	CONNECTOR, WATER PUMP - BY-PASS HOSE
14	22-48336		1	PLUG, PIPE - WATER PUMP
15	10-32132		4	SCREW, WATER PUMP TO CYLINDER BLOCK (1 3/4")
16	52349		1	PULLEY, WATER PUMP
17	10-47277		4	SCREW, PULLEY TO WATER PUMP (3/4")
18	13-39107		4	LOCKWASHER, WATER PUMP PULLEY SCREW
19	58038		1	BALANCER, HARMONIC - CRANKSHAFT
20	52181		1	PULLEY, HARMONIC BALANCER
21	10-49101		1	BOLT, PULLEY AND HARMONIC BALANCER TO CRANKSHAFT
22	13-49102		1	LOCKWASHER, PULLEY AND HARMONIC BALANCER BOLT
23	12-49103		1	WASHER, PULLEY AND HARMONIC BALANCER BOLT
24	10-34353		3	BOLT, CRANKSHAFT PULLEY TO HARMONIC BALANCER (1")
25	13-37459		3	LOCKWASHER, CRANKSHAFT PULLEY BOLT
26	57-48122		1	BELT, ALTERNATOR DRIVE (48")
27	54532		1	COVER ASSEMBLY, CRANKCASE FRONT END (STANDARD ROTATION)
•	54544		1	COVER ASSEMBLY, CRANKCASE FRONT END (OPPOSITE ROTATION)
28	26-49154		1	OIL SEAL, CRANKCASE FRONT END COVER
29	27-54529		1	GASKET, CRANKCASE FRONT END COVER
30	10-34277		10	SCREW, CRANKCASE FRONT END COVER TO CYLINDER BLOCK (7/16")
31	842-4268		1	CYLINDER BLOCK ASSEMBLY (SEE G12 FOR BREAKDOWN)
32	49149		1	SHAFT, OIL PUMP TO DISTRIBUTOR
33	23-52193		1	RETAINER, OIL PUMP SHAFT
34	49155		1	OIL PUMP AND SCREEN ASSEMBLY
35	16-49108		1	STUD, OIL PUMP TO CYLINDER BLOCK
36	11-37500		1	NUT, OIL PUMP STUD
_	34344		1	VALVE, BY-PASS

			Ref.				Ref.
Part Number	Description	Pg.	No.	Part Number	Description	Pg.	No.
22789	"D" WASHER, IGNITION COIL			47611	COOLER, OIL LEFT SIDE	29	20
	SCREW	7	32	47613	SWITCH, NEUTRAL SAFETY	33	7
25661	STARTER SOLENOID	7	8	47656	MOUNT, MOUNTING		
26551	BRACKET, NYLON STRAP .	13	43		BRACKET	35	44
32720	FITTING, OIL FILTER TO	_	4.0	47735A1	EXHAUST MANIFOLD		
0.4000	ADAPTOR	3	10		ASSEMBLY (LEFT SIDE) .	23	1
34282	LIFTER, HYDRAULIC VALVE	20	40	47736A1	EXHAUST MANIFOLD		
34344	- TAPPETVALVE, BY-PASS	39 43	19 	47700	ASSEMBLY (RIGHT SIDE)	23	1
34623	OIL PRESSURE SENDER	43		47763	BRACKET, RETAINER - HIGH	7	2
34023	ASSEMBLY	5	13	47764	TENTION LEADS	1	3
35377	ROD, PUSH - FUEL PUMP		4	47704	STA-STRAP, WIRING HARNESS LEADS	9	44
35884	THERMOSTAT		19	47810	TRANSMISSION (DIRECT	Э	44
36525	WATER TEMPERATURE	-	-	47010	DRIVE)	33	1
	SENDER ASSEMBLY	5	7	47811	TRANSMISSION (1.523:1	00	
38371	SEAL, COVER TO ELECTRIC			17011	REDUCTION)	33	1
	PANEL	7	37	47812	TRANSMISSION (1.909:1	00	•
39974	CLAMP, WIRING HARNESS				REDUCTION)	33	1
	LEAD CLAMP		45	47813	TRANSMISSION (2.57:1		
45915	TERMINAL BLOCK	27	2		REDUCTION)	33	1
46281	RETAINER, HIGH TENSION	40	07	47814	TRANSMISSION (2.909:1		
46960	LEADS	13 15	37		REDUCTION)	33	1
46860 47405	WEAR PLATE	37	1 8	47816	SIGHT GLASS	15	6
47403 47487	BRACKET, ALTERNATOR	31	0	47957	CONNECTOR, VENT HOSE		
47407	MOUNTING	5	24		TO ROCKER COVER	17	42
47489	BRACKET, WATER PUMP	-	22	47986	BRACKET, MOUNTING -		
47490	COVER, OIL COOLER RIGHT	٠.		1010111	ENGINE	35	48
	SIDE	29	21	48101A1	EXHAUST ELBOW	00	40
47492	TUBE, OIL LEVEL GAUGE		45	40404	ASSEMBLY	23	10
47493A6	DISTRIBUTOR ASSEMBLY,			48134	BRACKET, OIL LEVEL	11	46
	COMPLETE (OPPISITE			48359	GAUGE TUBE CLIP BAFFLE, CARBURETOR	41 15	46 24
	ROTATION)	11	1	48386	FLANGE (1")	33	8
47493A7	DISTRIBUTOR ASSEMBLY,			48387	FLANGE (1 1/8")	33	8
	COMPLETE (STANDARD	4.4		48388	FLANGE (1 1/4")	33	8
4740744	ROTATION)	11	1	48389	FLANGE (1 3/8")		8
47497A1	COVER ASSEMBLY, WATER PUMP	27	12	48390	FLANGE (1 1/2")		8
47498	BRACE, ALTERNATOR	31	12	48394	GAUGE, OIL LÉVER		
47430	ADJUSTING	5	18		(DIPSTICK)	41	51
47499	BRACKET, MOUNTING	O	10	48459	PLATE, BACKUP - WIRING		
	(FRONT)	33	33		HARNESS	9	41
47501	BRACKET, MOUNTING			48504	ADAPTOR, OIL FILTER	3	1
	(REAR)	33	30	48515	LEVER, SHIFT -		
47518	TRUNNION, ADJUSTING -				TRANSMISSION	33	16
	MOUNTING BRACKET	35	45	48649	BRACKET, SHIFT CABLE	33	9
47529	INSERT, WATER PUMP	37	9	48652	ADAPTOR, SHIFT CABLE TO	22	20
47530	HUB, WATER PUMP PULLEY	37	2	49600	SHIFT LEVER COVER, PLUG - CYLINDER	33	20
47541	COVER, OIL COOLER LEFT	00	04	48699	BLOCK	3	12
47542	SIDE	29	21	48789A1	HOUSING ASSEMBLY,	3	12
47342	HOUSING	29	12	1 0703A1	ADAPTOR	11	4
47544	BRACE, WATER PUMP	29	12	49132	GUIDE, PUSH ROD	31	8
47544	ADJUSTING	37	28	49142	CAP, REAR - CRANKSHAFT	01	Ü
47550	COVER, ELECTRIC PANEL .		38	10112	BEARING	39	15
47552	OIL PAN	, 41	37	49143	CAP, INTERMIDIATE AND		-
47554	HOUSING, FLYWHEEL			-	FRONT - CRANKSHAFT		
	(DOUBLE COOLER)	29	1		BEARING	39	16
47607	DRIVE PLATE, FLYWHEEL .	39	21	49149	SHAFT, OIL PUMP TO		
47610	COOLER, OIL RIGHT SIDE .	29	20		DISTRIBUTOR	43	32

Part Number	Docarintian	Dα	Ref. No.	Part Number	Description	Dα	Ref. No.
	Description	Pg.	NO.		Description	Pg.	NO.
49174	REINFORCEMENT, ROCKER VALVE COVER SCREW	31	5	54380A4	CABLE ASSEMBLY, HIGH TENSION (#3) STANDARD	40	0.4
49198	BAFFLE, OIL PAN (CYLINDER BLOCK)	41	34	54381A1	ROTATION	13	34
49774	VALVE, EXHAUST (STANDARD)	24	0		ROTATION	13	34
49781	ARM, ROCKER VALVE	31 31	9 15	54381A2	CABLE ASSEMBLY, HIGH	10	0.
49924	ROTOR, DISTRIBUTOR	11	3	0.00.7.2	TENSION (#7) STANDARD		
52139A2	BRACKET ASSEMBLY,		3		ROTATION	13	34
32139A2	MOUNTING - FRONT AND REAR	35	42	54381A3	CABLE ASSEMBLY, HIGH TENSION (#5) STANDARD		
52181	PULLEY, HARMONIC BALANCER		20	54381A4	ROTATION	13	34
52185	CLAMP, DISTRIBUTOR TO	43	20		TENSION (#6) STANDARD		
32163	INTAKE MANIFOLD	11	18		ROTATION	13	34
52194	CAP, VALVE SPRING	31	13	54532	COVER ASSEMBLY,		
52349	PULLEY, WATER PUMP	-	16		CRANKCASE FRONT END		
52549	CAP, OIL FILLER(NOT AS	40	10		(STANDARD ROTATION) .	43	27
32349	SHOWN)	31	3	54534	WATER PUMP ASSEMBLY .	43	11
52618	JUMPER WIRE,	31	3	54544	COVER ASSEMBLY,		
32010	DISTRIBUTOR GROUND .	11	16		CRANKCASE FRONT END		
52676	SWITCH, ELECTRICAL	' '	10	5 4040	(OPPOSITE ROTATION) .	43	27
32070	CHOKE	5	10	54646	BRACKET, MOUNTING -	4.5	40
52726	BRACKET, MOUNTING -	J	10	E 4000	FUEL FILTER	15	12
02120	CHOKE SOLENOID	17	61	54836	BOOT, HIGH TENSION CABLE	13	35
52729	TAB, RETAINER - CHOKE	17	01	54837	BOOT, DISTRIBUTOR	13	35 42
32123	RETURN SPRING	17	53	54837	BOOT, HIGH TENSION	13	42
52730	CHOKE LEVER			34037	CABLE	13	35
52731	OIL FILTER		11	54870	END CAP, EXHAUST	10	00
52822	PULLEY, WATER PUMP		16	0.070	MANIFOLD (REAR)	23	7
52884A1	HOUSING ASSEMBLY, WATER DISTRIBUTION	0.	. •	54986A1	RETAINER ASSEMBLY, SPARK PLUG CABLE		
	(LEFT SIDE)	27	17		(LOWER) - STANDARD		
52885A1	HOUSING ASSEMBLY,				ROTAT	11	27
	WATER DISTRIBUTION			54986A2	RETAINER ASSEMBLY,		
	(RIGHT SIDE)	27	18		SPARK PLUG CABLE		
53513	WEDGE, CARBURETOR				(LOWER) - OPPOSITE		
	MOUNTING	15	26	5400744	ROTAT	11	27
54094A1	ADAPTOR HOUSING			54987A1	RETAINER ASSEMBLY,		
	ASSEMBLY, DISTRIBUTOR				SPARK PLUG CABLE		
	CAP	11	21		(UPPER) - STANDARD ROTAT	11	31
54095A1	COVER ASSEMBLY,			54987A2	RETAINER ASSEMBLY,	11	31
	DISTRIBUTOR	11	32	3 4 307A2	SPARK PLUG CABLE		
54205	BUMPER, ADAPTOR				(UPPER) - OPPOSITE		
	HOUSING		22		ROTAT	11	31
54206	INSERT, LOWER RETAINER	11	29	55075A1	HEAT EXCHANGER		-
54283A2	PLUNGER AND LINK				ASSEMBLY	25	13
	ASSEMBLY, CHOKE			55124	PADDING, MOUNTING		
	SOLENOID	17	55		STRAP	25	28
54292A5	CHOKE SOLENOID	17	58	55125A7	RESERVOIR ASSEMBLY	25	1
54379A1	CABLE ASSEMBLY, COIL TO			55127	END CAP, EXHAUST		
	DISTRIBUTOR	13	39		MANIFOLD AND		
54380A1	CABLE ASSEMBLY, HIGH				RESERVIOR	25	7
	TENSION (#1) STANDARD			55129	END CAP, HEAT		
= 4000 t =	ROTATION	11	34		EXCHANGER	25	18
54380A2	CABLE ASSEMBLY, HIGH			55145	STRAP, MOUNTING - HEAT		
	TENSION (#8) STANDARD	40	2.4		EXCHANGER TO	25	07
	ROTATION	13	34		RESERVOIR	25	27

			Ref.				Ref.
Part Number	Description	Pg.	No.	Part Number	Description	Pg.	No.
55208A1	END CAP ASSEMBLY, HEAT EXCHANGER	25	15	10-20639	SCREW, FUEL FILTER TO MOUNTING BRACKET		
55228A1	CABLE ASSEMBLY, HIGH TENSION (#6) OPPOSITE			10-20639	(1/2") SCREW, SHIFT CABLE TO	15	13
55228A2	ROTATION	13	34	10-20705	ADAPTOR (1 1/8") SCREW, WATER PUMP PULLEY TO WATER PUMP	33	27
	ROTATION	13	34		(3/4")	37	17
55228A3	CABLE ASSEMBLY, HIGH TENSION (#4) OPPOSITE			10-21625	SCREW, CHOKE SOLENIOD TO MOUNTING BRACKET	47	00
55228A4	ROTATION	13	34	10-22487	(3/4") SCREW, HIGH TENSION	17	62
	TENSION (#8) OPPOSITE				LEAD RETINER TO INTAKE MANIFOLD	13	38
55231A1	ROTATION	13	34	10-22958	SCREW, THROTTLE CABLE	13	30
33231A1	TENSION (#1) OPPOSITE				TO CARBURETOR (1 1/8")	15	30
	ROTATION	13	34	10-25038	SCREW, END CAP TO EXHAUST MANIFOLD		
55231A2	CABLE ASSEMBLY, HIGH				(7/8")	23	9
	TENSION (#5) OPPOSITE ROTATION	13	34	10-25876	SCREW, ADAPTOR		•
55231A3	CABLE ASSEMBLY, HIGH	10	01		HOUSING TO		
	TENSION (#7) OPPOSITE			10-26184	DISTRIBUTOR (7/8") SCREW, SWITCH BOX TO	11	25
	ROTATION	13	34	10-20104	ELECTRIC PANEL (9/16") .	7	25
55231A4	CABLE ASSEMBLY, HIGH TENSION (#2) OPPOSITE			10-26486	SCREW, EXHAUST	•	
	ROTATION	13	34		MANIFOLD TO CYLINDER		
55481	BASE, FUEL FILTER	15	10	40.00505	HEAD (2 3/8")	23	5
55502	STRAP, NYLON - HIGH			10-26595	SCREW, ADAPTOR HOUSING FASTENING		
50045	TENSION CABLE	13	44		(3/4")	11	12
56045	ALTERNATOR ASSEMBLY (SEE NOTE BELOW)	5	17	10-26632	SCREW, ELECTRIC PANEL		
56387	WIRING HARNESS,	J	.,		TO CYLINDER BLOCK (1-	7	45
	INTERNAL	9	40	10-26632	1/4) SCREW, FLYWHEEL	/	15
56717	PANEL, ELECTRIC	7	1	10 20002	HOUSING TO ENGINE (1		
57096	BRACKET, MOUNTING -	17	4.4		1/4")	29	17
57115	THROTTLE CABLE THERMOSTAT HOUSING	23	44 17	10-26774	SCREW, STARTER		
57126	COVER, THERMOSTAT	-	8		SOLENOID TO ELECTRIC PANEL (1/2")	7	13
57882	FLAME ARRESTOR,			10-26889	SCREW, IGNITION COIL TO	,	13
	CARBURETOR	15	37		ELECTRIC PANEL (2 1/4")	7	34
57967 58036A2	SHAFT, WATER PUMP RESISTOR ASSEMBLY,	37	3	10-27165	SCREW, RETAINER		
30030A2	WATER TEMPERATURE .	27	1		BRACKET TO CYLINDER HEAD (3/8-16 X 3/4")	7	5
58038	BALANCER, HARMONIC -			10-27881	SCREW, CHOKE LEVER	,	5
	CRANKSHAFT	43	19		ATTACHING	19	20
58039	ROD, VALVE PUSH (INLET)	31	7	10-28635	SCREW, COVER TO		
58040	ROD, VALVE PUSH (EXHAUST)	31	7		FLYWHEEL HOUSING	20	10
58041	BALL UNIT, ROCKER VALVE	0.	•	10-28635	(5/8") SCREW, WATER PUMP	29	13
	ARM	31	16	10 20000	COVER TO WATER PUMP		
58046	COVER, ROCKER VALVE	31	1		BODY	37	15
58048	VALVE, INLET (STANDARD)	31	9	10-29198	SCREW, ALTERNATOR		
58049 58050	VALVE, INLET (015O.S.) VALVE, EXHAUST (.015O.S.)	31 31	9 9		BRACE TO ALTERNATOR (7/8")	5	19
58057	INTAKE MANIFOLD	43	1	10-30009	SCREW, RESISTOR TO	J	13
10-20055	SCREW, GROUND WIRE TO			-	TERMINAL BLOCK	27	3
10.00011	ALTERNATOR	5	31	10-31381	SCREW, ALTERNATOR		
10-20314	SCREW, SERIAL PLATE ATTACHING	29	11		BRACE TO CYLINDER BLOCK (1")	5	21
	ATTACHING	29	11		BLOOK (1)	J	∠ I

			Ref.				Ref.
Part Number	Description	Pg.	No.	Part Number	Description	Pg.	No.
10-32132	SCREW, WATER PUMP TO CYLINDER BLOCK (1 3/4")	43	15	10-37612	SCREW, EXHAUST MANIFOLD TO CYLINDER		
10-32774	SCREW, ALTERNATOR BRACKET TO EXHAUST	_	0.5	10-38197	HEAD (1 1/4") SCREW, TRANSMISSION TO	23	5
10-33212	MANIFOLD (2") SCREW, RETAINER BRACKET TO CYLINDER	5	25	10-45102	ENGINE (3 1/2") SCREW, IGNITION COIL CLAMPING (2 3/8")	33	2 29
10-33231	HEAD (7/16-14 X 3/4") SCREW, DISTRIBUTOR	7	5	10-45103	SCREW, IGNITION COIL CLAMPING (2")		29
10-33524	GROUND TO MANIFOLD . SCREW, OIL LEVEL GAUGE	11	20	10-45218	SCREW, GROUND WIRE TO SWITCH BOX (3/8")		27
10 00021	TUBE CLIP TO BRACKET	41	48	10-46718	SCREW, BACKUP PLATE FASTENING (3/4")	9	42
10-34277	BOLT, CAMSHAFT TIMING SPROCKET (7/16")	41	31	10-47277	SCREW, PULLEY TO WATER PUMP (3/4")	43	17
10-34277	SCREW, CRANKCASE FRONT END COVER TO			10-47461	SCREW, WATER PUMP BRACKET TO ENGINE (1")	37	25
10-34353	CYLINDER BLOCK (7/16") BOLT, CRANKSHAFT	43	30	10-47462	SCREW, STARTER MOTOR TO CYLINDER BLOCK (1	_	0
10-34353	PULLEY TO HARMONIC BALANCER (1") SCREW, ADJUSTING BRACE	43	24	10-47618	1/4")		2 10
10-34353	TO OIL PANSCREW, ALTERNATOR	37	29	10-47618	SCREW,WIRING HARNESS LEAD CLAMP	9	46
	BRACKET TO EXHAUST MANIFOLD (1")	5	25	10-47654	SCREW, CLAMP - ADJUSTING TRUNNION (2		
10-34354	SCREW, LIFTING EYE ATTACHING (1 1/2 ")		8	10-47674	3/4")	35	36
10-34354	SCREW, WATER PUMP BRACKET ATTACHING (1			10-47954	ELECTRIC PANEL (2 3/4") SCREW, ELECTRIC PANEL	7	39
10-34370	1/2") SCREW, AIR HORN TO	37	23	40.47054	TO FLYWHEEL HOUSING (1 5/8")	7	17
10-35091	FLOAT BOWL (1") SCREW, DRIVE PLATE TO FLYWHEEL	19 39	7 22	10-47954	SCREW, OIL FILTER ADAPTOR TO ELECTRIC PANEL (1 5/8")	3	4
10-35169	SCREW, FUEL PUMP TO CYLINDER BLOCK (1 1/8")	15	2	10-48137	SCREW, AIR HORN TO FLOAT BOWL (3/8")		6
10-35386	SCREW, END CAP TO EXHAUST MANIFOLD (1")	25	10	10-48138	SCREW, VACUUM CONTROL BRACKET TO FLOAT	.0	Ü
10-35386	SCREW, THROTTLE BRACKET TO INTAKE			10-48139	BOWL SCREW, CHOKE VALVE TO	19	35
40.25705	MANIFOLD (1")	17	45	10 40144	CHOKE SHAFT	19	24
10-35785	SCREW, THERMOSTAT COVER AND THERMOSTAT HOUSING			10-48144 10-48145	SCREW, IDLE STOP SCREW, THROTTLE BODY TO FLOAT BOWL	21	46 58
10-35786	TO MANIFOLD SCREW, ANJUSTING BRACE	27	9	10-48146	SCREW, LEVER AND CAM TO THROTTLE BODY		61
	TO WATER PUMP BRACKET (1")	37	32	10-48254	SCREW, MOUNTING BRACKET ATTACHING (2		
10-35787	SCREW, ELECTRIC PANEL TO CYLINDER BLOCK (2			10-48308	1/8")	35	49
10-37269	1/4") SCREW, MOUNTING	7	16	40.40005	ALTORNATOR BRACKET (3 3/4")	5	27
10 27510	BRACKET TO TRANSMISSION (2") 4	33	31	10-48395	SCREW, AIR HORN TO FLOAT BOWL (3")	19	8
10-37510	BOLT, INTAKE MANIFOLD TO CYLINDER BLOCK (1 1/4")	43	5	10-48424	SCREW, MOUNTING BRACKET TO CYLINDER BLOCK (1 5/8")	33	34
	,		-		(, 5, 5, 7,		٥.

			Ref.				Ref.
Part Number	Description	Pg.	No.	Part Number	Description	Pg.	No.
10-48831	SCREW, PLUG COVER TO	_		11-20856	NUT, FLAME ARRESTOR		
10-48948	CYLINDER BLOCK (4") SCREW, WATER PUMP	3	14	11-21270	STUD	15 19	39 22
10-40940	BRACKET TO ENGINE			11-22053	NUT, OIL LEVEL GAUGE	19	22
	(7/8")	37	25		TUBE CLIP SCREW	41	50
10-49101	BOLT, PULLEY AND			11-23161	NUT, ALTERNATOR	_	
	HARMONIC BALANCER	40	04	11-23161	SCREWW		30 23
10-49105	TO CRANKSHAFT BOLT, CYLINDER HEAD TO	43	21	11-24883	NUT, ADJUSTING BRACE	20	23
10 10100	CYLINDER BLOCK (4 1/8")	31	22		SCREW	37	34
10-49106	BOLT, CYLINDER HEAD TO			11-25594	NUT, MOUNTING STRAP	0.5	
10 10115	CYLINDER BLOCK (2")	31	21	11-26419	STUD NUT, STARTER TEREMINAL	25	30
10-49145	BOLT, CRANKSHAFT BEARING CAP TO			11-20419	(#8)	5	6
	CYLINDER BLOCK (2 5/8")	39	17	11-28517	NUT, STARTER TERMINAL		
10-49147	BOLT, CRANKSHAFT `				(3/8")	5	4
	BEARING CAP TO			11-28941	NUT, JAM - FLAME ARRESTOR MOUNTING		
10-52156	CYLINDER BLOCK (3 3/8") SCREW, ADJUSTING	39	17		STUD (BOTTOM)	15	22
10-52 156	TRUNNION (4 1/2")	35	40	11-29553	NUT, CLÀMP ADJÚSTING		
10-52708	SCREW, FLYWHEEL		. •		TRUNNION SCREW	35	39
	HOUSING TO ENGINE (2			11-35814 11-35814	NUT, FUEL FILTER SCREW NUT, THERMOSTAT COVER	15	16
40 50040	1/2")	29	18	11-55614	TO RESERVOIR STUD	27	14
10-53016	SCREW, END CAP TO EXHAUST MANIFOLD (1			11-35888	NUT, CHOKE SOLENOID		
	1/4")	25	10	44.07500	SCREW	17	63
10-54528	SCREW, DISTRIBUTOR			11-37500	NUT, BAFFLE TO CYLINDER BLOCK STUD	41	36
	CLAMP ATTACHING	11	19	11-37500	NUT, OIL PUMP STUD	43	36
10-55137	SCREW, END CAP TO HEAT EXCHANGER (14")	25	21	11-45076	NUT, SWITCH BOX		
10-55714	SCREW, OIL PAN TO	25	۷۱		TERMINAL	7	24
	CYLINDER BLOCK (5/16-			11-45812	NUT, ADAPTOR HOUSING AND RETAINER STUD	11	33
	18X7/8")	41	40	11-46438	NUT, SHIFT CABLE		55
10-55715	SCREW, OIL PAN TO				ADAPTOR STUD (10-32) .	33	26
	CYLINDER BLOCK (1/4- 20X7/8")	41	41	11-46438	NUT, SHIFT CABLE TO	00	4.4
10-58047	SCREW, ROCKER VALVE	• •		11-46793	BRACKET STUD (10-32) . NUT, CARBURETOR	33	11
	COVER TO CYLINDER			11-40/33	MOUNTING STUD	15	29
40 50055	HEAD (1/2")	31	4	11-46793	NUT, SHIFT CABLE SCREW		
10-58055	BOLT, CONNECTING ROD CAP	41	25	44 40007	(5/16-24)	33	29
11-20083	NUT, SHIFT LEVER TO	•••	20	11-46887	NUT, SHIFT CABLE ADAPTOR STUD (1/4-28) .	33	23
	TRANSMISSION	33	19	11-47521	NUT, JAM - OIL COOLER	29	24
11-20083	NUT, STARTER SOLENOID	_	40	11-47525	NUT, JAM - ADJUSTING		
11-20190	TERMINAL (5/16-24) NUT, THROTTLE CABLE	7	10	44 47000	TRUNNION SCREW	35	46
11-20190	SCREW	15	36	11-47626	NUT, OIL LEVEL GAUGE TUBE	41	44
11-20586	NUT, THROTTLE CABLE			11-49119	NUT, ROCKER VALVE ARM	71	
	STUD	17	52		STUD	31	17
11-20645	NUT, CHOKE SOLENOID TERMINAL	17	60	11-49838	NUT, EXHAUST ELBOW TO		
11-20645	NUT, ELECTRIC CHOKE	17	00		EXHAUST MANIFOLD STUD	23	16
11 200 10	SWITCH TERMINAL	5	12	11-58056	NUT, CONNECTING ROD	20	10
11-20645	NUT, IGNITION COIL SCREW	7	33		CAP BOLT	41	26
11-20645	NUT, OIL PRESSURE	F	15	12-20084	WASHER CARBURETOR	15	20
11-20645	SENDER TERMINAL (#10) NUT, STARTER SOLENOID	5	15	12-20084	MOUNTING STUD WASHER, FUEL FILTER	15	28
00 . 0	TERMINAL (10-32)	7	12	2000 !	SCREW	15	15

			Ref.				Ref.
Part Number	Description	Pg.	No.	Part Number	Description	Pg.	No.
12-20084	WASHER, THROTTLE BRACKET SCREW	17	46	12-48611	WASHER, MOUNTING BRACKET	35	43
12-20128	WASHER, THROTTLE CABLE SCREW	15	35	12-49103	WASHER, PULLEY AND HARMONIC BALANCER		
12-20533	WASHER, SHIFT CABLE			40 40440	BOLT	43	23
12-20553	ADAPTOR STUD WASHER, ADJUSTING	33	22	12-49112 12-49112	WASHER, BAFFLE BOLT WASHER, INTAKE		35
12-20553	BRACE SCREW WASHER, ALTERNATOR		31	13-21547	MANIFOLD BOLT LOCKWASHER, SWITCH	43	6
12-20553	SCREW		29	13-26992	BOX SCREWLOCKWASHER, COVER	7	26
12-20553	SCREW	7 25	19 22	13-26992	SCREWLOCKWASHER, IGNITION	29	14
12-20722	WASHER, SHIFT LEVER TO TRANSMISSION	33	17	13-26992	COIL SCREW LOCKWASHER, STARTER	7	35
12-21631	WASHER, THROTTLE CABLE STUD	17	50	13-26993	SOLENOID SCREW LOCKWASHER, OIL COOLER	7	14
12-22753	WASHER, SHIFT CABLE SCREW	33	28	13-26993	COVER SCREW LOCKWASHER, SHIFT	29	27
12-22937	WASHER, FLAME ARRESTOR STUD		38		LEVER TO TRANSMISSION	33	18
12-25970	WASHER, OIL FILTER ADAPTOR SCREW		6	13-26993	LOCKWASHER, STARTER SOLENOID TERMINAL		
12-26168	WASHER, ALTERNATOR BRACE SCREW	5	20	13-26994	(5/16")LOCKWASHER, CHOKE	7	9
12-26825 12-26825	WASHER, END CAP SCREW WASHER, MOUNTING	25	12	13-26995	LEVER SCREW LOCKWASHER, ADAPTOR	19	21
12-26825	STRAP STUD WASHER, SPACER -	25	29	13-26995	HOUSING SCREW LOCKWASHER, STARTER	11	13
12-20020	THROTTLE BRACKET TO CARBURETOR	17	47		TERMINAL (#8) LOCKWASHER, CHOKE	5	5
12-30164	WASHER, GROUND WIRE SCREW	17	33	13-26996	SOLENOID TERMINAL LOCKWASHER,	17	59
12-30315	WASHER, ALTERNATOR			13-26996	DISTRIBUTOR CLAMP	44	0
12-30315	BRACE SCREW WASHER, WATER PUMP		23	13-26996	FASTENING SCREW LOCKWASHER, ELECTRIC	11	8
12-30771	BRACKET SCREW WASHER, FIBER -	37	27	40.0000	CHOKE SWITCH TERMINAL	5	11
	THERMOSTAT COVER TO RESERVOIR STUD	27	11	13-26996	LOCKWASHER, HOUSING AND RETAINER SCREW .	11	26
12-33181	WASHER, SEALING - FLYWHEEL HOUSING			13-26996	LOCKWASHER, OIL PRESSURE SENDER		
12-36533	SCREW		19	13-26996	TERMINAL (#10) LOCKWASHER, STARTER	5	14
12-37407	COVER SCREW WASHER, IGNITION COIL	29	27		SOLENOID TERMINAL (#10)	7	11
12-37407	SCREW	7	30	13-26996	LOCKWASHER, SWITCH BOX TERMINAL	7	23
12-37407	ADAPTOR STUD WASHER, SHIFT CABLE TO	33	25	13-26996	LOCKWASHER, TRIGGER ATTATCHING SCREW	11	11
12-38833	BRACKET STUD WASHER, PLUNGER AND	33	10	13-26996	LOCKWASHER, WATER TEMPERATURE SENDER		
12-45075	LINK	17	56	13-29402	TERMINAL (#10) WAVE WASHER, SHIFT	5	8
12-47523	TERMINAL	7	22	13-31848	CABLE ADAPTOR STUD . LOCKWASHER, MOUNTING	33	24
	SCREW	3	15		BRACKET SCREW	35	50
12-48506	WASHER, INSULATOR - ADAPTOR TO ELECTRIC	2	2	13-32993	LOCKWASHER, ALTERNATOR BRACE	-	20
	PANEL	3	3		SCREW	5	22

			Ref.				Ref.
Part Number	Description	Pg.	No.	Part Number	Description	Pg.	No.
13-32993	LOCKWASHER, CLAMP ADJUSTING TRUNNION			14-48467	TAB WASHER, ADJUSTING TRUNNION SCREW	35	41
13-32993	SCREWLOCKWASHER, MOUNTING	35	37	15-F5431	SHIM, INLET VALVE SPRING (THIN)	31	10
13-32993	BRACKET SCREW LOCKWASHER, RETAINER	33	32	16-20525	STUD, CARBURETOR MOUNTING (1 5/16")		27
	BRACKET SCREW	7	6	16-29988	STUD, HEAT EXCHANGER	13	21
13-32993	LOCKWASHER, STARTER MOTOR SCREW	5	3		STRAP TO RESERVOIR (1 9/16")	25	3
13-32993	LOCKWASHER, TRANSMISSION SCREW .	33	3	16-33111	STUD, THERMOSTAT COVER TO RESERVOIR (1		
13-32993	LOCKWASHER, WATER PUMP BRACKET SCREW	37	26	16-35897	9/16")STUD, THROTTLE CABLE	25	4
13-35048	LOCKWASHER, ADJUSTING BRACE SCREW	37	30		TO MOUNTING BRACKET (1 11/16")	17	49
13-35048	LOCKWASHER, ALTERNATOR BRACKET			16-48680	STUD, SHIFT CABLE ADAPTOR TO SHIFT		
10.050.10	SCREW	5	26	40.40400	LEVER (1 1/4")	33	21
13-35048	LOCKWASHER, DRIVE PLATE SCREW	39	23	16-49108	STUD, OIL PUMP TO CYLINDER BLOCK	43	35
13-35048	LOCKWASHER, ELECTRIC	55	23	16-49133	STUD, ROCKER VALVE ARM	31	19
10 000 10	PANEL SCREW	7	18	16-49144	STUD, CRANKSHAFT	0.	
13-35048	LOCKWASHER, LIFTING EYE				BEARING CAP TO		
	SCREW	43	9		CYLINDER BLOCK	39	18
13-35048	LOCKWASHER, MOUNTING	00	0.5	16-52988	STUD, EXHAUST MANIFOLD		
13-35048	BTACKET SCREW LOCKWASHER, RETAINER	33	35		TO EXHAUST ELBOW (3 1/4")	23	2
10 000-0	BRACKET SCREW	7	6	16-53722	STUD, CARBURETOR	20	_
13-35048	LOCKWASHER, WATER				MOUNTING (4 3/8")	15	27
40.05004	PUMP BRACKET SCREW	37	24	16-53730	STUD, CARBURETOR	4.5	07
13-35364	LOCKWASHER, FUEL FILTER SCREW	15	14	16-54204	MOUNTING (4 9/16") STUD, ADAPTOR HOUSING	15	27
13-37449	LOCKWASHER, ADJUSTING			10 04204	TO RETAINER AND		
42 27450	BRACE SCREW	37	33	40 54450	COVER	11	23
13-37459	LOCKWASHER, CRANKSHAFT PULLEY			16-54459	STUD, RETAINER TO COVER	11	28
	BOLT	43	25	16-57835	STUD, FLAME ARRESTOR		20
13-37459	LOCKWASHER, EXHAUST				MOUNTING -		
	ELBOW TO EXHAUST				CARBURETOR	15	21
	MANIFOLD STUD	23	15	17-20032	PIN, DOWEL - ADAPTOR		_
13-37459	LOCKWASHER, OIL FILTER ADAPTOR SCREW	2	5	17-22116	HOUSING PIN, ROLL - JAM NUT	11 35	5 47
13-37459	LOCKWASHER,	3	5	17-22110	PIN, DOWEL - OIL PUMP	33	41
10 07 400	THERMOSTAT COVER			17 24010	LOCATING	39	4
	AND THERMOSTAT			17-47526	PIN, IMPELLER DRIVE	37	11
	HOUSING SCREW	27	10	17-47617	ROLL PIN, GEAR TO		
13-39107	LOCKWASHER, END CAP	0.5	4.4	47 40440	DISTRIBUTOR	11	15
13-39107	SCREWLOCKWASHER, OIL LEVEL	25	11	17-48140 17-52190	PIN, HINGE - FLOAT PIN, DOWEL - CYLINDER	19	26
13-39107	GAUGE TUBE CLIP			17-32190	BLOCK TO CYLINDER		
	SCREW	41	49		HEAD	39	5
13-39107	LOCKWASHER,			18-26953	COTTER PIN, PLUNGER		
	THERMOSTAT COVER TO	27	10		AND LINK TO CHOKE	17	F7
13-39107	RESERVOIR STUD LOCKWASHER, WATER	21	13	19-32298	LEVER		57 2
.0 00 101	PUMP PULLEY SCREW	37	18	19-37478	PLUG, EXPANSION -	•	_
13-39107	LOCKWASHER, WATER				CYLINDER BLOCK (1 3/4")	39	-
	PUMP PULLEY SCREW	43	18	19-47815	PLUG, RUBBER - OIL PAN .	41	39

			Ref.				Ref.
Part Number	Description	Pg.	No.	Part Number	Description	Pg.	No.
22-20445	FITTING, AIR BLEED HOSE TO RESERVOIR	27	4	22-48556	BUSHING, REDUCER - OIL PRESSURE SENDER	5	16
22-32802	PLUG PIPE - OIL FILTER ADAPTOR (1/8-27)	3	7	22-48871	ELBOW, INLET HOSE TO OIL COOLER (90 DEGREES) .	29	6
22-32802	PLUG, DRAIN - FLYWHEEL HOUSING		16	22-48872	ELBOW, OUTLET HOSE (45		
22-32802	PLUG, PIPE - END CAP		20	22-48873	DEGREES)	29	3
22-32802	PLUG, PIPE - EXHAUST ELBOW	22	11		TO OIL COOLER	29	2
22-32802	PLUG, PIPE - EXHAUST MANIFOLD	23	11 4	22-48874	FITTING, REDUCER - INLET HOSE ELBOW	29	9
22-32802	PLUG, PIPE - WATER DISTRIBUTION HOUSING			22-49146	PLUG, PIPE - CYLINDER BLOCK (3/4")	39	-
22-32876	NIPPLE, SIGHT GLASS TO	27	19	22-54139	FITTING, AIR BLEED HOSE TO THERMOSTAT COVER	27	7
22-33755	FUEL PUMPELBOW, FUEL LINE TO	15	5	22-54533	CONNECTOR, WATER PUMP		
	FUEL FILTER (INLET)	15	8	22-55133	- BY-PASS HOSE	43 27	13 21
22-36373	PLUG, PIPE - OIL FILTER ADAPTOR (3/8-18)	3	2	22-58095	CONNECTOR, INTAKE		
22-36373	PLUG, PIPE - OIL PAN	Ü	_		MANIFOLD - BY-PASS	40	0
	DRAIN		42	23-28626	HOSEBUSHING, THROTTLE	43	2
22-36382 22-36382	PLUG, PIPE - FUEL FILTER . PLUG, WATER DRAIN -	15	11	23-20020	CABLE SCREW	15	31
22-30302	CYLINDER BLOCK	39	2	23-31866	SPACER, THROTTLE CABLE		
22-39737	SLEEVE, WATER FILLER	25	5		STUD	17	51
22-47625	ELBOW, OIL LEVEL GAUGE	11	40	23-32818	BUSHING, THROTTLE CABLE SCREW	15	24
22-47629	TUBE TO OIL PAN ELBOW, HOSE TO	41	43	23-33186	BUSHING, ALTERNATOR	13	34
22 11 020	TRANSMISSION (90				SCREW	5	28
22-47630	DEGREES)	33	4	23-35040	SLEEVE, THROTTLE CABLE SCREW	15	32
	COOLER (90 DEGREES) .	33	15	23-36159	BUSHING, REDUCING -	10	02
22-47630	ELBOW, HOSE TO OIL COOLER (90 DEGREES) .	22	6	00.47500	TRANSMISSION ELBOW .	33	12
22-47631	ELBOW, HOSE TO	55	U	23-47508	SLEEVE, THERMOSTAT HOUSING	23	21
	TRANSMISSION (90			23-47511	SLEEVE, CONNECTING -		
22 47716	DEGREES) ELBOW, FUEL LINE TO	33	13		FLYWHEEL HOUSING		15
22-47716	FUEL PUMP AND FUEL			23-47511 23-47511	SLEEVE, END CAP SLEEVE, WATER PUMP	25	16
	FILTER	15	17	23-47311	COVER 2	37	13
22-47917	ELECTRODE, OIL COOLER .	29	25	23-49124	BEARING, THRUST -		
22-48118 22-48118	PLUG, EXHAUST ELBOW PLUG, EXHAUST MANIFOLD	23 23	13 3		CAMSHAFT	41	
22-48245	CONNECTOR,, OIL FILTER	23	3	23-49150	BEARING UNIT, CAMSHAFT		
00	ADAPTOR TO OIL HOSE .	3	9	22 40454	(FRONT)	39	7
22-48246	ELBOW, INLET HOSE TO			23-49151	BEARING UNIT, CAMSHAFT (FRONT INTERMIDIATE		
	CYLINDER BLOCK (90 DEGREES)	29	8		AND REAR)	39	8
22-48246	ELBOW, OUTLET HOSE TO	20	U	23-49152	BEARING UNIT, CAMSHAFT		
	CYLINDER BLOCK (90		_		(CENTER AND REAR INTERMIDIATE)	39	9
22 48226	DEGREES)	29	5	23-49158	BEARING UNIT,	39	9
22-48336 22-48340	PLUG, PIPE - WATER PUMP PLUG, PIPE - CYLINDER	43	14	20 10100	CRANKSHAFT MAIN		
	BLOCK (1/4")	39	-		(STANDARD)	39	12
22-48341	PLUG, PIPE - OIL	00	•	23-49159	BEARING UNIT,		
22-48358	PRESSURE GAUGE HOLE PLUG, INTAKE MANIFOLD	39	3		CRANKSHAFT MAIN (.001 U.S.)	39	12
22 10000	VACUUM HOLE	15	25	23-49160	BEARING UNIT,	55	
22-48358	PLUG, PIPE - CYLINDER				CRANKSHAFT MAIN (.002		, -
	BLOCK (3/8")	39	-		U.S.)	39	12

			Ref.				Ref.
Part Number	Description	Pg.	No.	Part Number	Description	Pg.	No.
23-49163	BEARING UNIT, CRANKSHAFT MAIN -			25-49289	GROMMET, ROCKER COVER TO VENT HOSE		
23-49164	REAR (STANDARD) BEARING UNIT,	39	13	25-57009	CONNECTOR	17	43
	CRANKSHAFT MAIN - REAR (.001 U.S.)	39	13	26-23300	PANEL - TRIGGER LEADS OIL SEAL, WATER PUMP	7	7
23-49165	BEARING UNIT, CRANKSHAFT MAIN -		. •		SHAFT	37	6
23-49166	REAR (.002 U.S.) BEARING UNIT,	39	13	26-37479	OIL SEAL, REAR CRANKSHAFT BEARING		
25-49100	CRANKSHAFT MAIN -			00 40404	CAP		14 11
	REAR (.010 U.S.)	39	13	26-49131 26-49154	SEAL, VALVE	31	11
23-49167	BEARING UNIT,			20 40104	FRONT END COVER	43	28
	CRANKSHAFT MAIN -	20	12	26-58111	OIL SEAL, WATER PUMP		
23-49168	REAR (.020 U.S.)	39	13		SHAFT		7
23-49100	CONNECTING ROD			27-34213	GASKET, FUEL PUMP	15	3
	(STANDARD)	41	27	27-46820	GASKET, EXHAUST		
23-49169	BEARING UNIT (PAIR),				MANIFOLD TO CYLINDER HEAD	23	6
	CONNECTING RID (.001			27-47410	GASKET, WATER PUMP	23	O
23-49170	U.S.)BEARING UNIT (PAIR),	41	27	27 17 110	COVER TO WATER PUMP		
23-49170	CONNECTING RID (.002				BODY	37	14
	U.S.)	41	27	27-47495	GASKET, OIL COOLER		
23-49171	BEARING UNIT (PAIR),				COVER RIGHT SIDE	29	22
	CONNECTING RID (.010			27-47496	GASKET, OIL COOLER		
	U.S.)	41	27	07.47540	COVER LEFT SIDE	29	22
23-49172	BEARING UNIT (PAIR), CONNECTING RID (.020			27-47510	GASKET, THERMOSTAT (MIDDLE)	23	20
	U.S.)	41	27	27-48042	GASKET, EXHAUST ELBOW	23	20
23-52020	SLEEVE, WATER	• • •	_,	27 40042	TO EXHAUST MANIFOLD	23	14
	DISTRIBUTION HOUSING	27	20	27-48043	GASKET, END CAP TO		
23-52193	RETAINER, OIL PUMP				EXHAUST MANIFOLD	23	8
04.00047	SHAFT	43	33	27-48818	GASKET, THERMOSTAT		
24-32817	SPRING, THROTTLE RETURN	17	48		HOUSING (UPPER)		18
24-33050	SPRING, IDLE NEEDLE	21	4 0 57	27-49104	GASKET, CYLINDER HEAD .	31	20
24-34373	SPRING, IDLE STOP SCREW	21	47	27-49110	GASKET, WATER PUMP MOUNTING	12	12
24-48141	SPRING, POWER PISTON		43	27-49121	GASKET, ROCKER VALVE	43	12
24-48142	SPRING, METERING ROD -			27 43121	COVER	31	6
	PRIMARY	19	39	27-52184	GASKET, DISTRIBUTOR	11	17
24-48143	SPRING, FILTER NUT	21	48	27-52550	GASKET SET, OIL PAN	41	38
24-48399 24-52728	GASKET, CARBURETOR SPRING, CHOKE RETURN .	15 17	23 54	27-53045	GASKET, THERMOSTAT		
24-55144	GASKET, HEAT	17	54		HOUSING TO MANIFOLD		
2100111	EXCHANGER INLET	25	14		(LOWER)	23	22
24-58052	SPRING, VALVE	31	12	27-54529	GASKET, CRANKCASE	40	00
25-33756	RING, SEALING - PLUG			07 55406	FRONT END COVER	43	29
	COVER	3	13	27-55136	GASKET, END CAP TO HEAT EXCHANGER	25	17
25-35039	GROMMET, THROTTLE	4.5	22	27-55138	GASKET, END CAP TO HEAT	23	17
25-38930	CABLE SCREW GROMMET, HIGH TENSION	15	33	27 00100	EXCHANGER	25	19
23-30930	LEADS (RETAINER			27-58088A1	GASKET, INTAKE MANIFOLD	43	10
	BRACKET)	7	4	28-34466	HEY, CAMSHAFT TIMING		
25-47623	GROMMET, CABLE TO				GEAR	41	
	RETINER	13	40	28-34466	KEY, CRANKSHAFT PULLEY		
25-47624	GROMMET, ELECTRIC	_	00	00 54500	AND BALANCER	41	33
25 47622	PANEL	7	20	28-54530	KEY, VALVE STEM	31	14
25-47632	"O" RING, SEALING - OIL COOLER	29	23	30-20861	BALL BEARING, WATER PUMP SHAFT	37	5
	OOOLLIN	20	20		I GIVII GITALI	31	J

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
32-35100A1	HOSE, WATER			39-49173	RING, PISTON - 8 SETS	20	44
	DISTRIBUTION HOUSING TO TEE (2")	27	23	39-58054	(.030 O.S.)	39	11
32-35100A1	HOSE, WATER DISTRIBUTION HOUSING			43-47619	(.020 O.S.)	39	11
32-475162	TO TEE (20") HOSE, TRANSMISSION TO	27	22	43-47649	(OPPISITE ROTATION) GEAR, DISTRIBUTOR	11	14
32-475163	OIL COOLER (16 3/4") HOSE, OIL COOLER TO	33	14	43-49114	(STANDARD ROTATION) . GEAR, CRANKSHAFT	11	14
	TRANSMISSION (7 7/8")	33	5		TIMING	41	30
32-47721	FUEL LINE, FUEL TANK TO FUEL FILTER (12")	15	7	43-49125 46-58001A4	GEAR, CAMSHAFT TIMING . WATER PUMP ASSEMBLY,	41	29
32-47722A1	HOSE, WATER PUMP TO OIL COOLER (25")	37	19	47-47519	COMPLETE		1 10
32-47996	HOSE, VENT - CARBURETOR (10" AND			50-47454	STARTER MOTOR ASSEMBLY (OPPOSITE ROTATION)	5	1
32-48244A1	12 1/2") HOSE, OIL RETURN		40 8	50-47455	STARTER MOTOR	J	1
32-489441	HOSE, OUTLET - OIL COOLER TO CYLINDER			53-23720	ASSEMBLY (STANDARD ROTATION)	5	1
32-48946	BLOCK (8") 1 HOSE, INLET - OIL COOLER	29	4		RING, RETAINING - SHAFT AND BEARING	37	4
	TO CYLINDER BLOCK	20	7	54-20387	CLAMP, FITTINGS TO AIR BLEED HOSE	27	6
32-49122	(15")	29	7	54-22740 54-32780	CLIP, IGNITION COIL LEAD . CLAMP, HEAT EXCHANGER	7	31
	MANIFOLD TO WATER PUMP	43	3	3 4 -32700	HOSE TO END CAP AND		
32-49705	TUBE, WATER - EXHAUST ELBOW	22	12	54-32780	FLYWHEEL HSG CLAMP, HOSE ATTACHING	25 27	25 26
32-55126	TUBE, OVERFLOW		2	54-32780	CLAMP, HOSE TO WATER PUMP AND OIL COOLER .	37	20
32-55317	HOSE, HEAT EXCHANGER TO WATER PUMP	25	31	54-32780	CLAMP, WIRING HARNESS		
32-55483	HOSE, HEAT EXCHANGER END CAP TO TEE (25 3/4")	27	25	54-32781	PLUG	9	43
32-55871	FUEL LINE, FUEL PUMP TO CARBURETOR (STEEL		20	F4 22000	EXCHANGER AND WATER PUMP	25	32
00 55070	TUBING)	15	19	54-32880	CLAMP, BY-PASS HOSE ATTACHING	43	4
32-55872	FUEL LINE, FUEL FILTER TO FILTER TL FUEL PUMP			54-32880 54-32880	CLAMP, HOSE ATTACHING CLAMP, HOSE ATTACHING	27 27	16 24
	(STEEL TUBING)	15	18	54-38889	CLAMP, CONNECTOR HOSE	27 25	9
32-57016	HOSE, HEAT EXCHANGER			54-47513	EYE, LIFTING	43	7
	END CAP TO FLYWHEEL HOUSING	25	24	54-47528	CLAMP, ADJUSTING	25	20
32-57130	HOSE, AIR BLEED (6 1/2")		5	54-47545	TRUNNION SCREW CLIP, OIL LEVEL GAUGE	35	38
32-579293	HOSE, CONNECTOR - END CAP TO RESERVOIR	25	8	54-47715	TUBE	41	47
33-54842 35-53336	SPARK PLUG (AC #WR-41N) FILTER, FUEL INLET	13 21	36 49	54-48575	HOSE TO CRANKCASE CLAMP, CAP TO ADAPTOR	25	26
35-57250	FUEL FILTER	15	9	34-40373	HOUSING	11	6
36-55143	CAP, RESERVOIR WATER	25	6	54-53101	CLAMP, VENT HOSE		
37-34443	FILLER DECAL, ROCKER VALVE	25	6	57 /0121	ATTACHING BELT, WATER PUMP	17 37	41 21
37-34443	COVER	31	2	57-48121 57-48122	BELT, ALTERNATOR DRIVE	31	21
37-53237	DECAL, RESERVOIR	25	-		(48")	43	26
37-54347 37-55123	DECAL, DISTRIBUTOR CAP DECAL, ROCKER VALVE	11	24	123-26996	LOCKWASHER, GROUND WIRE SCREW	5	32
	COVER (390 H.P.)		-	230-4267	FLYWHEEL ASSEMBLY	39	20
37-56428 38-47520	DECAL, WIRING SERIAL PLATE		36 10	322-2983A6 332-2854	IGNITION COIL ASSEMBLY . BOOT, COIL	7 13	28 41
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			Ref.				Ref.
Part Number	Description	Pg.	No.	Part Number	Description	Pg.	No.
332-2986A8	SWITCH BOX ASSEMBLY	7	21	1397-3465	OFF ENGINE KIT	21	
393-2918A5	TRIGGER ASSEMBLY	11	9	1397-4324	AIR HORN ASSEMBLY	19	1
393-3230	CAP, DISTRIBUTOR	11	2	1397-4325	METERING ROD,		
429-4270	CRANKSHAFT	41	32		SECONDARY	19	5
431-3422	CAMSHAFT (STANDARD			1397-4326	CHOKE SHAFT AND LEVER		
	ROTATION)	41	28		ASSEMBLY	19	19
431-3427	CAMSHAFT (OPPOSITE			1397-4327	VALVE, CHOKE - CHOKE		
	ROTATION)	41	28		SHAFT	19	23
614-4274	CONNECTING ROD						
	ASSEMBLY	41	24				
737-4271	PISTON AND PISTON PIN						
	ASSEMBLY (.001 O.S.)						
	-USE STANDARD RI	39	10				
737-4272	PISTON AND PISTON PIN						
	ASSEMBLY (.020 O.S.)	39	10				
737-4273	PISTON AND PISTON PIN						
	ASSEMBLY (.030 O.S.)	39	10				
842-4268	CYLINDER BLOCK						
	ASSEMBLY	39	1				
842-4268	CYLINDER BLOCK						
	ASSEMBLY (SEE G12 FOR						
	BREAKDOWN)	43	31				
938-4269	CYLINDER HEAD ASSEMBLY	31	18				
1347-4179A1	CARBURETOR ASSEMBLY						
	(SEE F12 FOR						
	BREAKDOWN)	15	20				
1347-4179A1	CARBURETOR ASSEMBLY,						
	COMPLETE	19	-				
1397-3306	OVERHAUL KIT	21					
1397-3309	GASKET SET	21					
1397-3311	LEVER, ACTUATING - PUMP	19	9				
1397-3313	HOLDER KIT, SECONDARY						
	METERING ROD	19	4				
1397-3314	LEVER, AIR VALVE						
	LOCKOUT	19	2				
1397-3315	SPRING AND CAM KIT, AIR						
	VALVE	21					
1397-3317	CONTROL ASSEMBLY,						
	VACUUM	19	36				
1397-3318	ROD, VACUUM CONTROL .	19	32				
1397-3319	CAM, FAST IDLE	19	31				
1397-3320	HOSE, VACUUM	19	37				
1397-3322	BAFFLE, FLOAT BOWL	19	28				
1397-3323	LEVER, INTERMEDIATE						
	CHOKE	19	27				
1397-3324	ROD, CHOKE	19	29				
1397-3325	FLOAT BOWL ASSEMBLY	21	45				
1397-3326	RETAINER, PUMP						
	DISCHARGE BALL	19	41				
1397-3327	FLOAT ASSEMBLY	19	25				
1397-3328	POWER PISTON ASSEMBLY	19	38				
1397-3329	RETAINER, POWER PISTON	19	40				
1397-3330	NUT, FILTER - FUEL INLET .	21	50				
1397-3331	INSERT, FLOAT BOWL	21	44				
1397-3333	ROD, PUMP	21	53				
1397-3334	THROTTLE BODY						
	ASSEMBLY		55				
1397-3335	LEVER, CAM	21	59				
1397-3336	LEVER, FAST IDLE	21	60				