



# PARTS CATALOG

## MERC 100/150/200/250

### SERIAL NUMBER

100, 150, 200, 250 ..... 1290910 THRU 1499331

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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

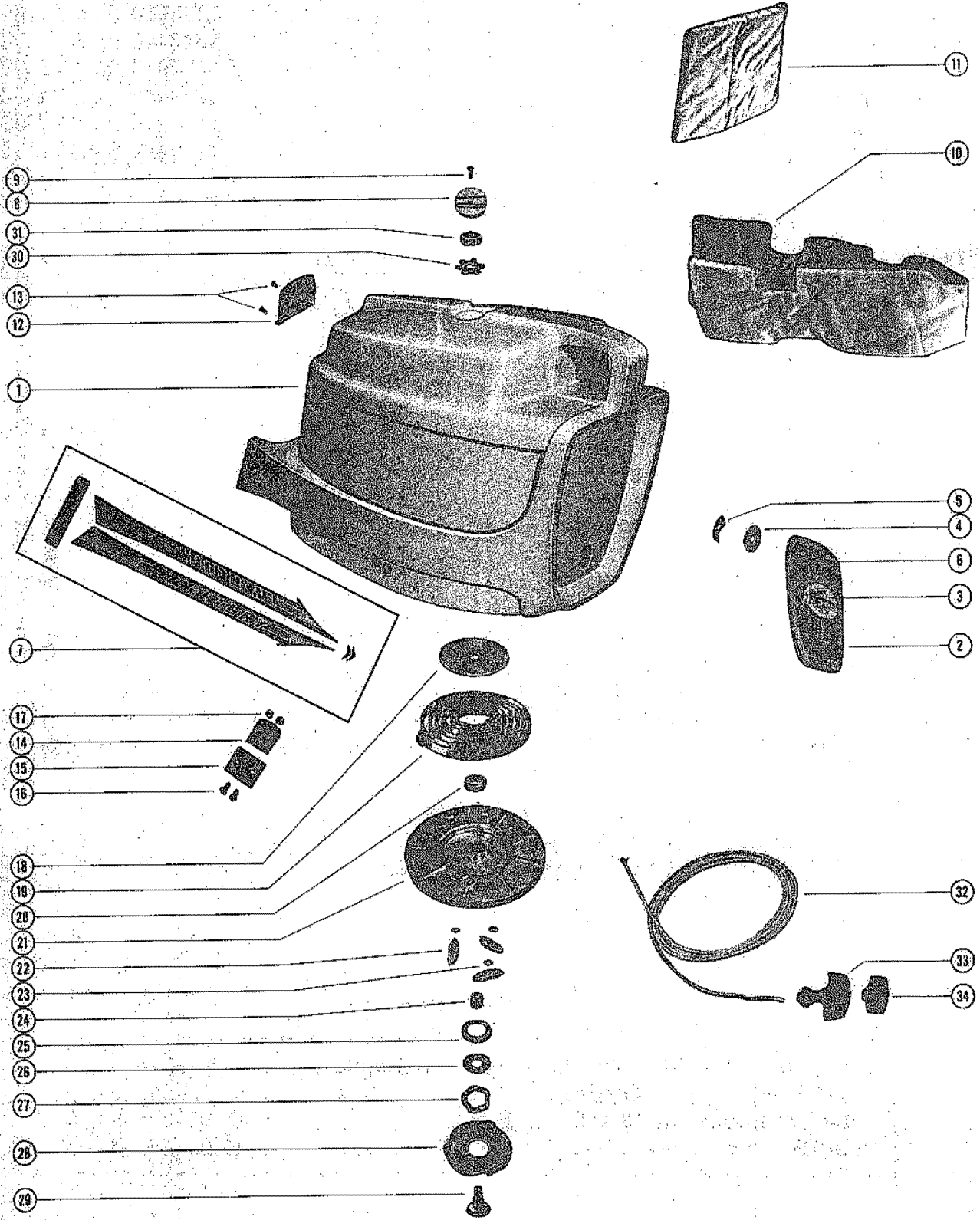
**NS** = Not Shown

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# MISCELLANEOUS PARTS/ACCESSORIES

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	90-45504		0	MERC 100, 150, 200, 250 PARTS LIST, COMPLETE
-	92-25143--1		0	DECAL SOLUTION (PINT BOTTLE)
-	92-27109--1		0	ADHESIVE COMPOUND (3 1/2 OZ. KIT)
-	92-25234--1		0	GLUE (BLANKET ADHESIVE)

# TOP COWL AND STARTER ASSEMBLY

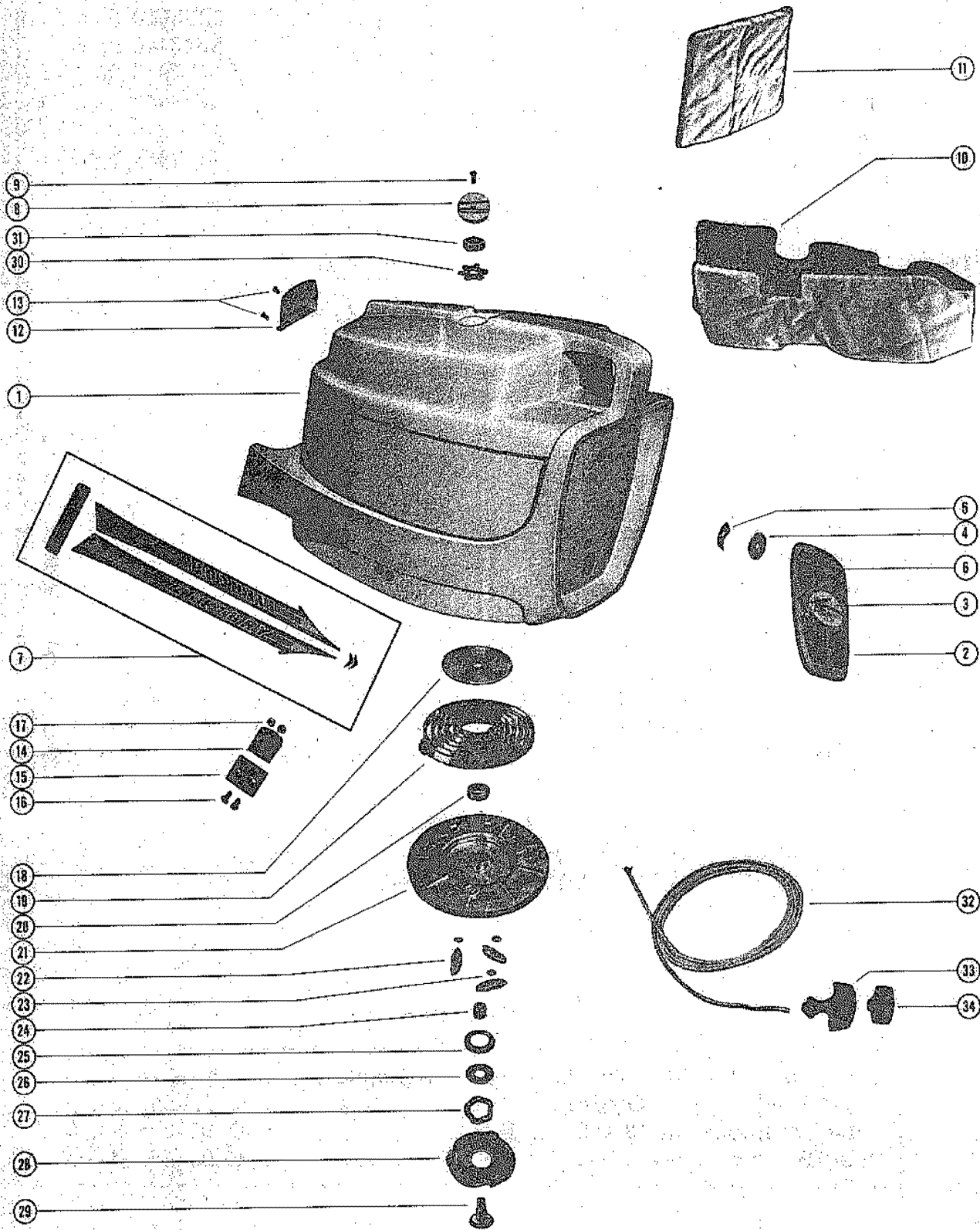


## TOP COWL AND STARTER ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	176-1425A10		1,1,1,1,1	TOP COWL ASSEMBLY (NOT AS SHOWN)
2	29897A1		1,1,1,1,1	PLAQUE ASSEMBLY, TOP COWL (NOT AS SHOWN)
3	26183A1		1,1,1,1,1	EMBLEM, TOP COWL PLAQUE
4	12-27149		2,2,2,2,2	WASHER, NYLON - BLANKET TO EMBLEM RIVET
5	53-25539		2,2,2,2,2	FASTENER, EMBLEM RIVET
1	176-1425		1,1,1,1,1	TOP COWL
2	29819A1		1,1,1,1,1	PLAQUE ASSEMBLY, TOP COWL (NOT AS SHOWN)
	31100A1		1,1,1,1,1	PLAQUE ASSEMBLY, TOP COWL
	31100A2		1,1,1,1,1	PLAQUE ASSEMBLY, TOP COWL
	31100A3		1,1,1,1,1	PLAQUE ASSEMBLY, TOP COWL
3	26183A1		1,1,1,1,1	EMBLEM, TOP COWL PLAQUE
	26183A5		1,1,1,1,1	EMBLEM, TOP COWL PLAQUE
6	37-31101		1,1,1,1,1	DECAL, FRONT PLAQUE - TOP COWL
	37-31102		1,1,1,1,1	DECAL, FRONT PLAQUE - TOP COWL
	37-31869		1,1,1,1,1	DECAL, FRONT PLAQUE - TOP COWL
4	12-27149		2,2,2,2,2	WASHER, NYLON - FRONT PLAQUE TO TOP COWL
5	53-25539		2,2,2,2,2	FASTENER, FRONT PLAQUE TO TOP COWL
7	37-29863		1,1,1,1,1	DECAL SET, TOP COWL (NOT AS SHOWN)
	37-31429A1		1,1,1,1,1	DECAL SET, TOP COWL (NOT AS SHOWN)
	37-31467A1		1,1,1,1,1	DECAL SET, TOP COWL (NOT AS SHOWN)
	37-31947A1		1,1,1,1,1	DECAL SET, TOP COWL
8	28041		1,1,1,1,1	COVER, TRIM - TOP COWL
9	10-28156		1,1,1,1,1	SCREW, TRIM COVER TO TOP COWL
10	28277		1,1,1,1,1	BLANKET, TOP COWL - FRONT AND SIDE
11	28278		1,1,1,1,1	BLANKET, TOP COWL - REAR
12	28823		1,1,1,1,1	SCREEN, VENT - TOP COWL
13	10-30009		3,3,3,3,3	SCREW, SCREEN TO TOP COWL
	10-31206		3,3,3,3,3	SCREW, SCREEN TO TOP COWL
14	28113		2,2,2,2,2	BRACKET, TOP COWL MOUNTING
15	27-28448		2,2,2,2,2	GASKET, TOP COWL MOUNTING BRACKET
16	10-29072		4,4,4,4,4	SCREW, MOUNTING BRACKET TO TOP COWL
17	11-27164		4,4,4,4,4	NUT, MOUNTING BRACKET SCREW
18	20155		1,1,1,1,1	RETAINER, STARTER SPRING
19	24-29340A1		1,1,1,1,1	SPRING, STARTER REWIND
20	23-20159		1,1,1,1,1	BUSHING, SPRING GUIDE
21	50-28895		1,1,1,1,1	SHEAVE ASSEMBLY, STARTER
22	20162		3,3,3,3,3	PAWL, STARTER
23	13-29402		3,3,3,3,3	WASHER, WAVE - STARTER PAWL
24	23-20158		1,1,1,1,1	SPACER, SHEAVE SHAFT
25	26179		1,1,1,1,1	RETAINER, WAVE WASHER
26	12-26180		1,1,1,1,1	WASHER, WAVE WASHER RETAINER
27	13-20160		1,1,1,1,1	WASHER, WAVE - STARTER SHEAVE TENSION
28	20164		1,1,1,1,1	PLATE, RETAINER - STARTER PAWL

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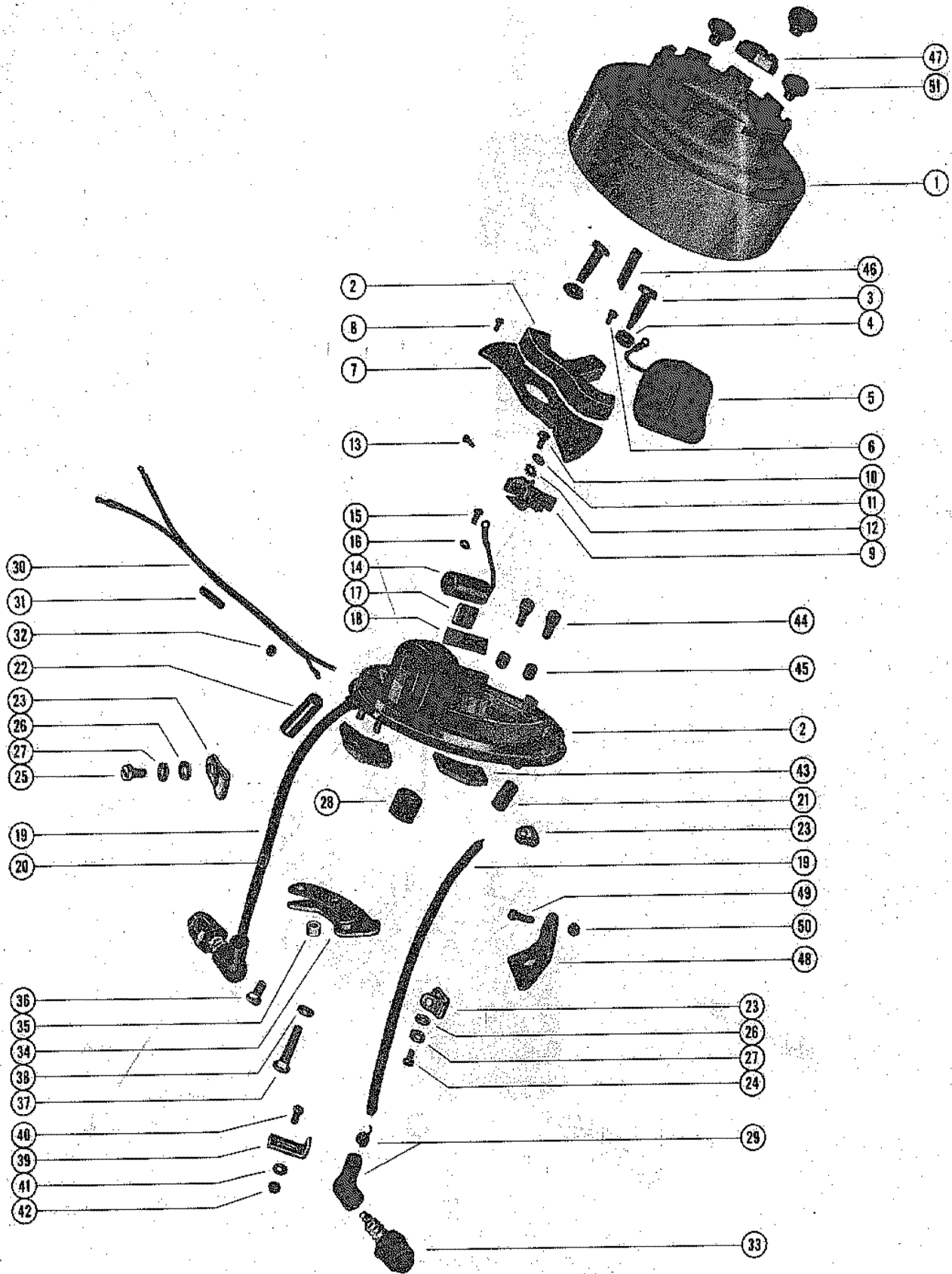
# TOP COWL AND STARTER ASSEMBLY



## TOP COWL AND STARTER ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
29	20157		1,1,1,1,1,	SHAFT, SHEAVE
30	14-20165		1,1,1,1,1,	TAB WASHER, SHEAVE SHAFT NUT
31	11-20166		1,1,1,1,1,	NUT, SHEAVE SHAFT(LEFT HAND THREAD)
32	50-22791A1		1,1,1,1,1,	STARTER CABLE ASSEMBLY
33	28747		1,1,1,1,1,	HANDLE, STARTER CABLE
	92-25234--1		1,1,1,1,1,	GLUE, ADHESIVE - BLANKET FASTENING
	92-27109--1		1,1,1,1,1,	ADHESIVE COMPOUND, EMBLEM FASTENING (3-1/2 OZ. KIT)

# MAGNETO ASSEMBLY



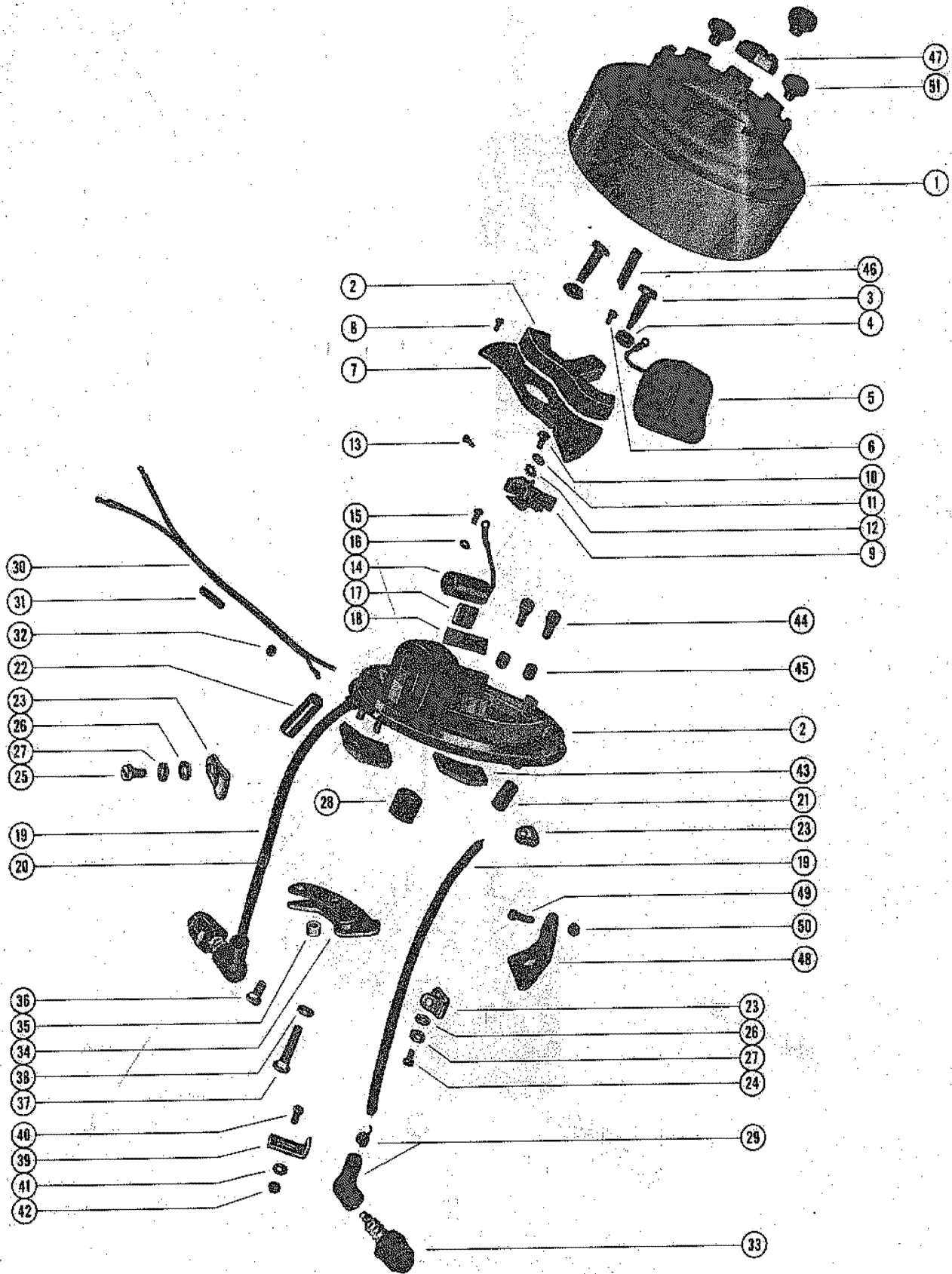


# MAGNETO ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	328-1336A1		1,1,1,1,1,	FLYWHEEL ASSEMBLY
	398-1338A1		1,,,1,,1,,	STATOR ASSEMBLY, COMPLETE
	398-1736A1		,1,1,,1,,1	STATOR ASSEMBLY, COMPLETE
2	398-1338		1,,,,,1,,,,	STATOR AND CORE
	398-1338		,,,2,,,,,	STATOR AND CORE
	398-1736		,1,1,,,,,1,	STATOR AND CORE
	398-1736		,,,,,2,,,,,	STATOR AND CORE
3	398-963		4,4,4,4,4,	SCREW, CORE FASTENING
4	13-21144		4,4,4,4,4,	LOCKWASHER, CORE FASTENING SCREW
5	398-173		2,2,2,2,2,	COIL, IGNITION
6	10-21130		2,2,2,2,2,	SCREW, GROUND TERMINAL
7	398-190		1,1,1,1,1,	COVER, BREAKER COMPARTMENT SEALING
8	10-30429		4,4,4,4,4,	SCREW, SEALING COVER FASTENING
9	398-174		2,2,2,2,2,	BREAKER ASSEMBLY
10	10-23977		2,2,2,2,2,	SCREW, BREAKER FASTENING
11	12-21135		2,2,2,2,2,	WASHER, BREAKER FASTENING SCREW
12	13-21134		2,2,2,2,2,	LOCKWASHER, BREAKER FASTENING SCREW
13	10-23976		2,2,2,2,2,	SCREW, BRAKER CONNECTION
14	398-693		2,2,2,2,2,	CONDENSER
15	10-21136		2,2,2,2,2,	SCREW, CONDENSER FASTENING
16	13-21134		2,2,2,2,2,	LOCKWASHER, CONDENSER FASTENING SCREW
17	398-192		1,1,1,1,1,	WICK, FELT
18	398-193		1,1,1,1,1,	PLUG, FELT
19	398-965		2,2,2,2,2,	LEAD WIRE
20	20623		1,1,1,1,1,	MARKER, "TOP" - LEAD WIRE
21	32-21137		1,1,1,1,1,	TUBE, LEAD WIRE (PORT SIDE)
22	23-25217		1,1,1,1,1,	BUSHING, LEAD WIRE (STARBOARD SIDE)
23	398-182		3,3,3,3,3,	CLAMP, PLASTIC - LEAD WIRE TO STATOR
24	10-23977		1,1,1,1,1,	SCREW, LEAD WIRE CLAMP (SHORT)
25	10-21139		1,1,1,1,1,	SCREW, LEAD WIRE CLAMP (LONG)
26	12-21135		2,2,2,2,2,	WASHER, LEAD WIRE CLAMP SCREW
27	13-21134		2,2,2,2,2,	LOCKWASHER, LEAD WIRE CLAMP SCREW
28	398-1098		1,1,1,1,1,	BUSHING, LEAD WIRES
29	20119		2,2,2,2,2,	PROTECTOR, SPARK PLUG
30	398-1872		,1,1,,1,,1	GROUND LEAD, MAGNETO TO SHORTING SWITCH TERMINAL BLOCK
31	23-30419		,1,1,,1,,1	SLEEVE, GROUND LEAD INSULATION
32	25-29051		,1,1,,1,,1	GROMMET, GROUND LEAD THRU STATOR PLATE
33	33-22805		2,2,2,2,2,	SPARK PLUG (CHAMPION J7J)
	33-20127		,,,,,2,2,2	SPARK PLUG (CHAMPION J6J)
	33-28915		,,,,,,,OP	SPARK PLUG (AC-M44C)
34	28836A4		1,,,1,,,,,	THROTTLE CONTROL CAM ASSEMBLY
	28836A6		,1,1,,1,,1	THROTTLE CONTROL CAM ASSEMBLY

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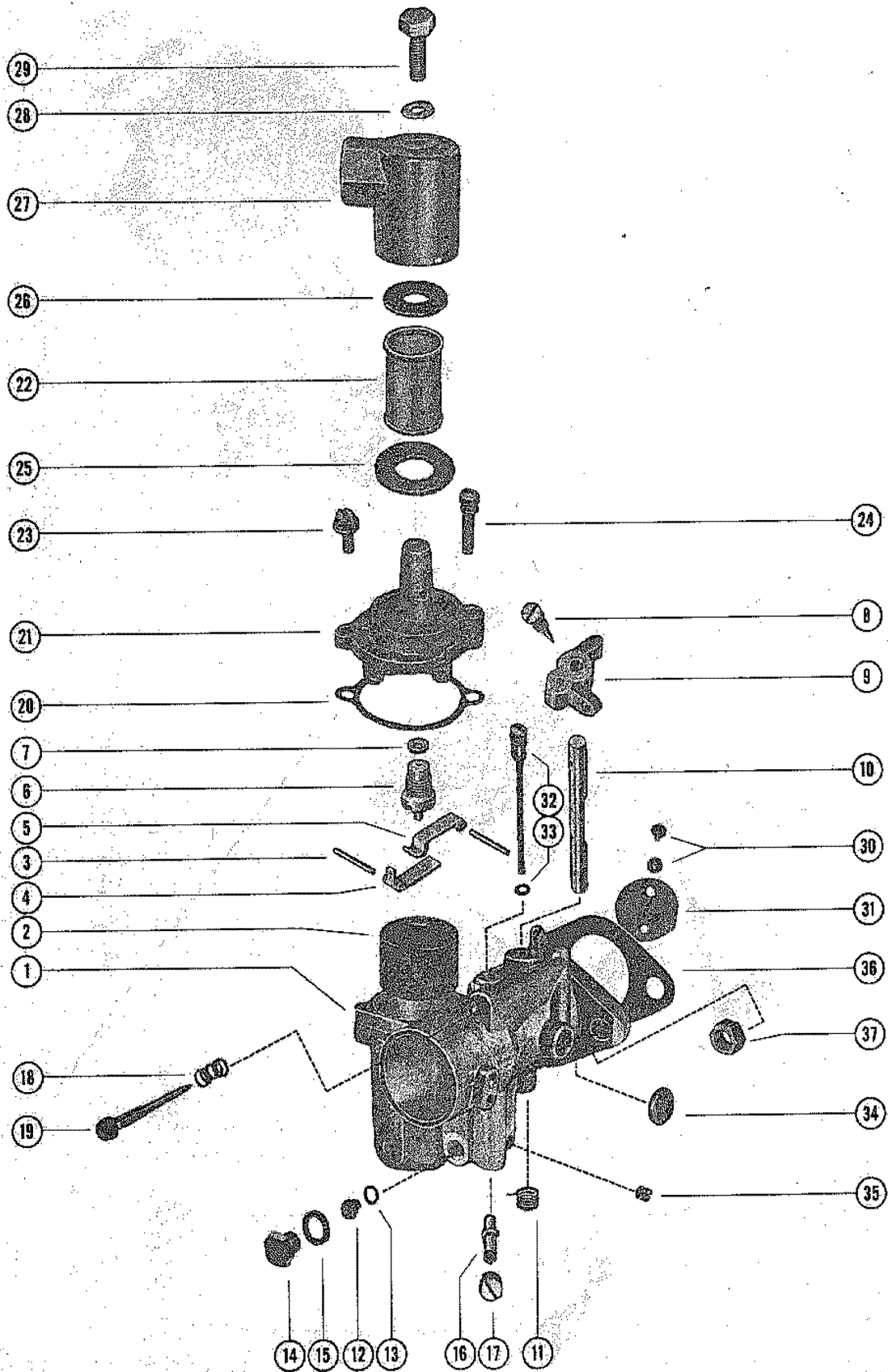
# MAGNETO ASSEMBLY



# MAGNETO ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
34	26566A6		1	THROTTLE CONTROL CAM ASSEMBLY
	26566A8		1	THROTTLE CONTROL CAM ASSEMBLY
35	23-26560		1	SPACER, THROTTLE CAM
36	10-20616		1	SCREW, THROTTLE CAM TO STATOR PLATE (SHORT)
37	10-21602		1	SCREW, THROTTLE CAM TO STATOR PLATE (LONG)
38	12-20028		1	WASHER, CAM MOUNTING SCREW (LONG)
39	29013		1	IDLE STOP, ADJUSTABLE
40	10-21548		1	SCREW, IDLE STOP TO TOP COWL BRACKET
41	12-20028		1	WASHER, IDLE STOP FASTENING SCREW
42	11-24652		1	NUT, IDLE STOP SCREW
43	26565		2	CLIP, MAGNETO HOLD DOWN
44	10-29248		4	SCREW, HOLD DOWN CLIP TO MAGNETO
45	24-27087		4	SPRING, HOLD DOWN CLIP SCREW
46	28-20094		1	KEY, FLYWHEEL
47	11-22339		1	NUT, FLYWHEEL
48	29797		1	STOP, MAGNETO ADVANCE
	30280		1	STOP, MAGNETO ADVANCE
	30046		1	STOP, MAGNETO ADVANCE
49	10-20738		1	SCREW, ADJUSTMENT - MAGNETO ADVANCE STOP
	10-30095		1	SCREW, ADJUSTMENT - MAGNETO ADVANCE STOP
50	11-29798		1	NUT, ADJUSTMENT STOP SCREW
51	19-29900		3	PLUG, PLASTIC - FLYWHEEL SCREW HOLES

# CARBURETOR ASSEMBLY

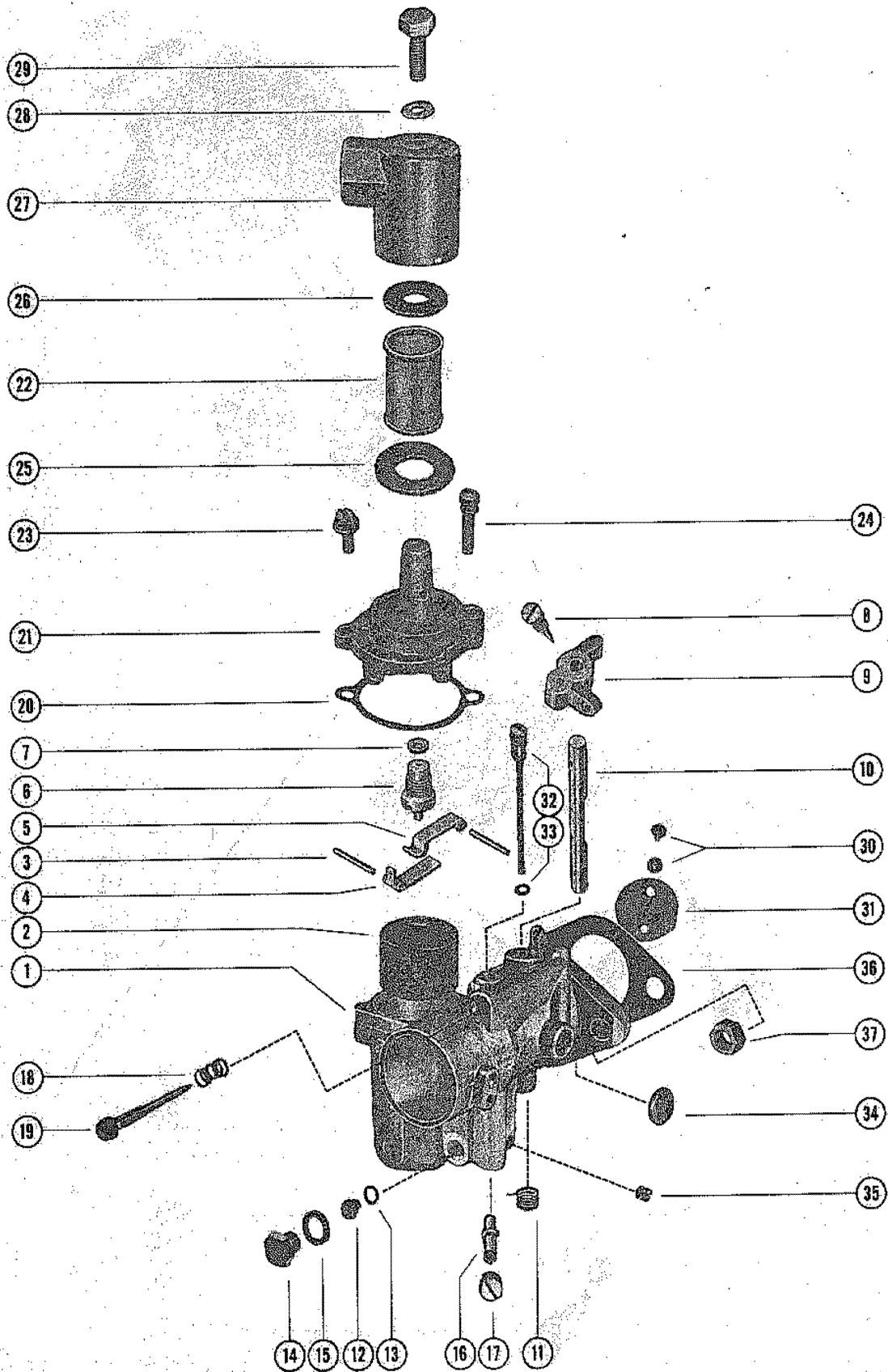


# CARBURETOR ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	1329-1605		1,,,1,,,,,	CARBURETOR ASSEMBLY COMPLETE (AJ-56AB)
	1333-1437		,,,,,1,1,,	CARBURETOR ASSEMBLY, COMPLETE (KA-5A)
	1333-1953		,,,,,,,1	CARBURETOR ASSEMBLY, COMPLETE (KA-15A)
	1334-1742		1,1,1,,,,,	CARBURETOR ASSEMBLY COMPLETE (KB-4A)
	1334-1720		,,,,1,,,,,	CARBURETOR ASSEMBLY COMPLETE (KB-1A)
	1333-1839		,,,,,,1,	CARBURETOR ASSEMBLY, COMPLETE (KA-5B)
2	1399-110A1		1,1,1,1,1,	FLOAT ASSEMBLY
3	17-20853		2,2,2,2,2,	PIN, FLOAT LEVER PINION
4	1399-102		1,1,1,1,1,	LEVER, FLOAT (LOWER)
5	1399-101		1,1,1,1,1,	LEVER, FLOAT (UPPER)
6	1399-1138		1,1,1,1,1,	INLET NEEDLE, SEAT AND GASKET
	1399-1473		,,,,,1,1,1	INLET NEEDLE, SEAT AND GASKET
7	27-25033		1,1,1,1,1,	GASKET, INLET SEAT
8	10-20847		1,1,1,1,1,	SCREW, THROTTLE STOP LEVER
9	1399-97		1,1,1,1,1,	LEVER, THROTTLE STOP
10	1399-933		1,,,1,,,,,	SHAFT, THROTTLE
	1399-1716		1,1,1,,1,,	SHAFT, THROTTLE
	1399-2012		,,,,,1,1,1	SHAFT, THROTTLE
11	24-20869		1,1,1,1,1,	SPRING, THROTTLE SHAFT RETURN
12	1399-1457		1,,,1,,,,,	JET, MAIN FUEL (.057)-STANDARD
	1399-1457		,,,,,OPT,O	JET, MAIN FUEL (.057)-STANDARD
	1399-1655		OPT,,,OPT,	JET, MAIN FUEL(.055)
	1399-1653		OPT,,,OPT,	JET, MAIN FUEL (.053)
	1399-1651		,1,1,,1,,,	JET, MAIN FUEL (.051)-STANDARD
	1399-1651		OPT,,,OPT,	JET, MAIN FUEL (.051)-STANDARD
	1399-1649		OPT,OPT,OP	JET, MAIN FUEL(.049)
	1399-1767		OPT,OPT,OP	JET, MAIN FUEL (.047)
	1399-1765		OPT,OPT,OP	JET, MAIN FUEL (.045)
	1399-1459		,,,,,OPT,O	JET, MAIN FUEL (.059)
	1399-1461		,,,,,OPT,O	JET, MAIN FUEL (.061)
	1399-1463		,,,,,1,1,1	JET, MAIN FUEL (.063)-STANDARD
13	27-28409		1,1,1,1,1,	GASKET, MAIN FUEL JET
14	10-28405		1,1,1,1,1,	SCREW, PLUG - MAIN FUEL JET CHANNEL
15	27-28406		1,1,1,1,1,	GASKET, JET CHANNEL PLUG SCREW
16	1399-1761		1,1,1,,,,,	NOZZLE, MAIN
	1399-1763		,,,,1,,,,,	NOZZLE, MAIN
	1399-1474		,,,,,1,1,,	NOZZLE, MAIN
	1399-1985		,,,,,,,1	NOZZLE, MAIN
	1399-1912		,,,,,,1,	NOZZLE, MAIN
17	10-23178		1,1,1,,1,1	SCREW, PLUG - MAIN NOZZLE
18	24-27160		1,1,1,1,1,	SPRING, IDLE ADJUSTMENT SCREW
19	1399-1450		1,,,1,,,,,	SCREW, IDLE ADJUSTMENT
	1399-1760		1,1,1,,1,,	SCREW, IDLE ADJUSTMENT

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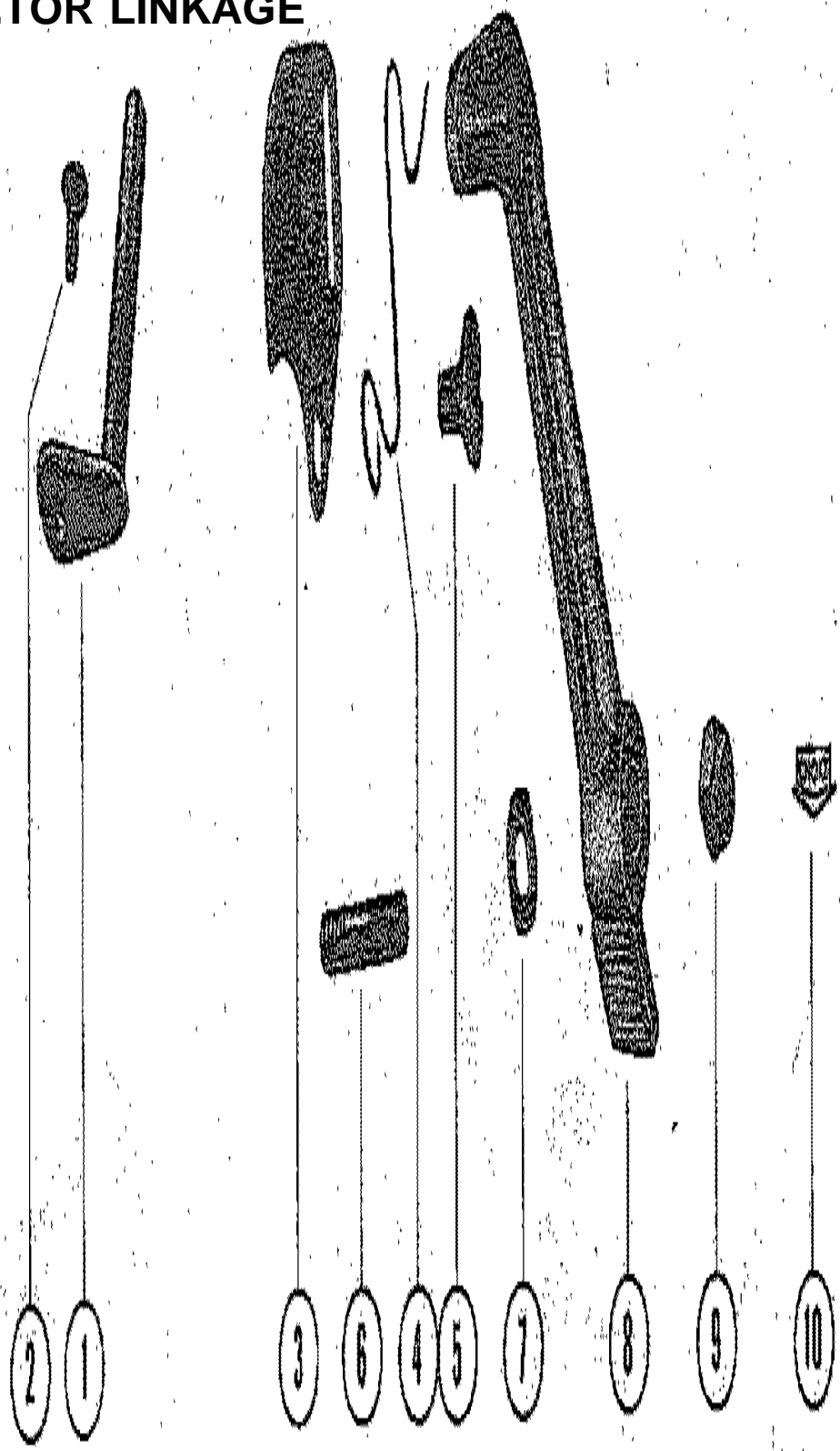
# CARBURETOR ASSEMBLY



# CARBURETOR ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
19	20577		1,,,1,,,,,	CUP, IDLE ADJUSTMENT SCREW
	1399-1608		,,,,,1,1,,	SCREW, IDLE ADJUSTMENT
	1399-1713		,,,,,,1,1	SCREW, IDLE ADJUSTMENT
20	1399-99		1,1,1,1,1,	GASKET FLOAT BOWL COVER
21	1399-1133		1,1,1,1,1,	COVER, FLOAT BOWL
22	1399-1754		1,1,1,1,1,	ELEMENT, FILTER
23	10-20854		1,1,1,1,1,	SCREW, FLOAT BOWL COVER (SHORT)
24	10-25850		1,1,1,1,1,	SCREW, FLOAT BOWL COVER (LONG)
25	27-25851		1,1,1,1,1,	GASKET, STRAINER COVER (LARGE)
26	27-25849		1,1,1,1,1,	GASKET, STRAINER COVER (SMALL)
27	1399-1135		1,1,1,1,1,	COVER, STRAINER
28	27-25848		1,1,1,1,1,	GASKET, STRAINER COVER SCREW
29	10-25822		1,1,1,1,1,	SCREW, STRAINER COVER FASTENING
30	10-23035		1,1,1,1,1,	SCREW AND LOCKWASHER, THROTTLE SHUTTER
	10-23035		,,,,,2,2,2	SCREW AND LOCKWASHER, THROTTLE SHUTTER
31	399-1270		1,1,1,1,1,	SHUTTER, THROTTLE
	1399-1480		,,,,,1,1,1	SHUTTER, THROTTLE
	1399-1740		,,,,,,1	SHUTTER, THROTTLE
32	1399-960		1,,,1,,,,,	TUBE, IDLE
	10-23030		1,,,1,,,,,	SCREW, PLUG - IDLE TUBE
	1399-1762		1,1,1,1,1,,	TUBE, IDLE
	1399-1479		,,,,,1,1,,	TUBE, IDLE
	1399-1710		,,,,,,1,	TUBE, IDLE
	1399-1828		,,,,,,1,	TUBE, IDLE
33	27-23180		1,1,1,1,1,	GASKET, IDLE TUBE
34	19-20011		1,1,1,1,1,	WELCH PLUG, BODY CHANNEL
35	10-20870		1,,,1,,,,,	SCREW, PLUG - BODY CHANNEL
	10-28845		1,1,1,1,1,,	SCREW, PLUG - BODY CHANNEL
	1399-1145		1,,,1,,,,,	GASKET AND PACKING SET
	1399-1717		1,1,1,1,1,,	GASKET AND PACKING SET
	1399-1477		,,,,,1,1,1	GASKET AND PACKING SET
	1399-1705		1,,,,,,,	REPAIR PARTS KIT
	1399-1766		1,1,1,1,,,,	REPAIR PARTS KIT
	1399-1626		,,,1,,,,,	REPAIR PARTS KIT
	1399-1764		,,,,,1,,,,,	REPAIR PARTS KIT
	1399-1481		,,,,,1,1,,	REPAIR PARTS KIT
	1399-1913		,,,,,,1,	REPAIR PARTS KIT
1399-1986		,,,,,,1,	REPAIR PARTS KIT	
36	27-22023		1,1,1,1,1,	GASKET, CARBURETOR FLANGE
	27-26891		,,,,,1,1,1	GASKET, CARBURETOR FLANGE
37	11-24652		2,2,2,2,2,	NUT, CARBURETOR MOUNTING STUD
	11-20083		,,,,,2,2,2	NUT, CARBURETOR MOUNTING STUD

# CARBURETOR LINKAGE

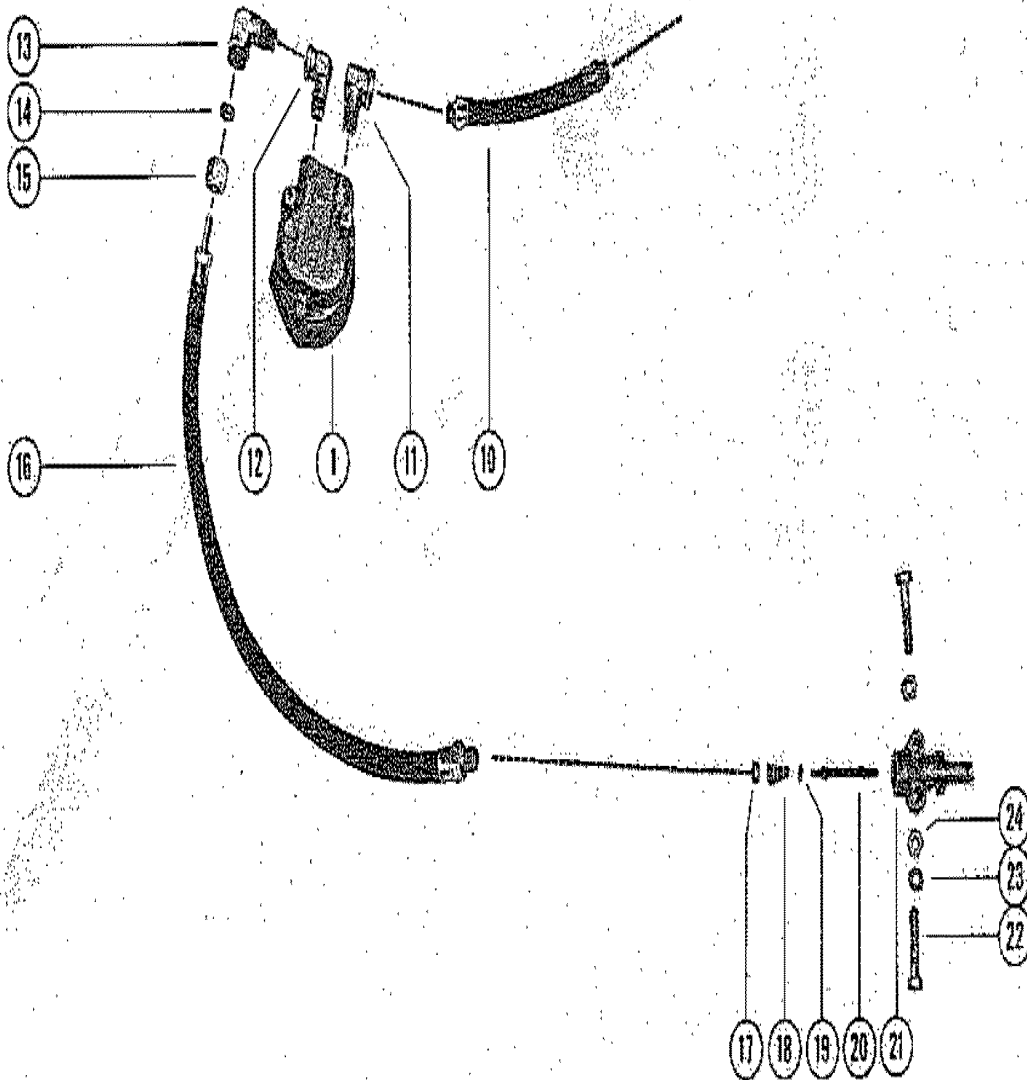
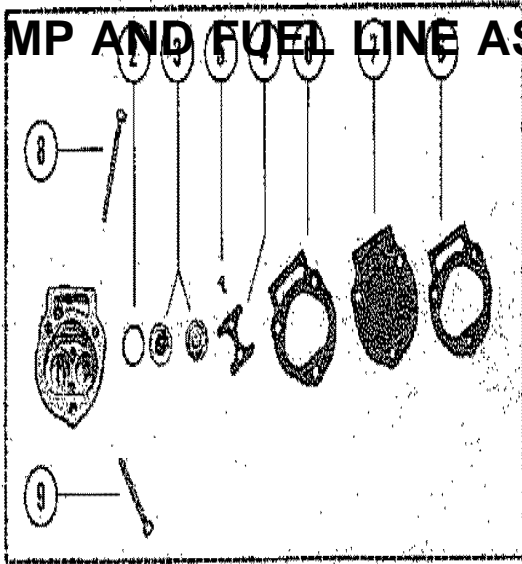




# CARBURETOR LINKAGE

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	22931A2		1,,1,,,,	THROTTLE LEVER ASSEMBLY
	22931A4		1,1,1,,1,,	THROTTLE LEVER ASSEMBLY
	22931A3		,,,1,1,1	THROTTLE LEVER ASSEMBLY
2	10-20597		1,1,1,1,1,	SCREW, THROTTLE LEVER TO CARBURETOR
	23-28039		,,,1,1,1	SPACER, CHOKE SHUTTER
3	20173		1,,1,,,,	SHUTTER, CHOKE (NOT AS SHOWN)
	30014		1,1,1,,1,,	SHUTTER, CHOKE (NOT AS SHOWN)
	28087		,,,1,1,1	SHUTTER, CHOKE
4	24-20579		1,1,1,1,1,	SPRING, CHOKE SHUTTER
5	10-20578		1,1,1,1,1,	SCREW, CHOKE SHUTTER TO CARBURETOR
	10-28018		,,,1,1,1	SCREW, CHOKE SHUTTER TO CARBURETOR (NOT AS SHOWN)
6	16-27037		1,1,1,1,1,	STUD, CHOKE LEVER
7	13-29402		1,1,1,1,1,	WASHER, WAVE - CHOKE LEVER STUD
-	<b>12-20533</b>		1,,1,1,1,	<b>WASHER, CHOKE LEVER STUD</b>
-	<b>12-20533</b>		OPT,OPT,,	<b>WASHER, CHOKE LEVER STUD</b>
8	27036		1,1,1,1,1,	LEVER, CHOKE (NOT AS SHOWN)
	28075		,,,1,1,1	LEVER, CHOKE (NOT AS SHOWN)
	31816		,,,,,,1	LEVER, CHOKE
9	11-20586		1,1,1,1,1,	NUT, CHOKE LEVER FASTENING
10	37-28990		1,1,1,1,1,	DECAL, CHOKE - DRIVE SHAFT HOUSING

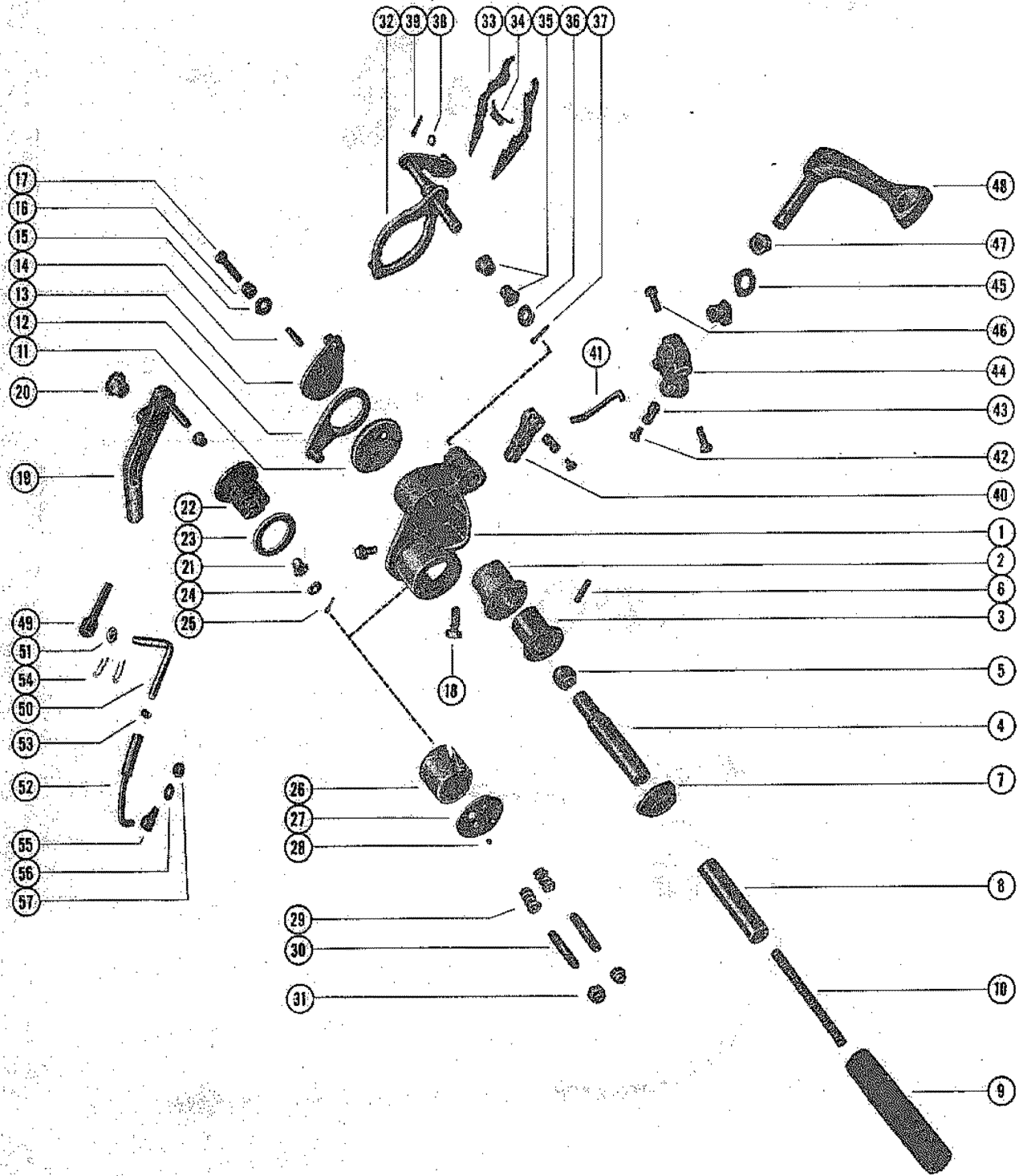
# FUEL PUMP AND FUEL LINE ASSEMBLY



# FUEL PUMP AND FUEL LINE ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	23009A1		1,,1,1,,1,	FUEL PUMP ASSEMBLY
	30269A2		,1,,,1,,,,	FUEL PUMP ASSEMBLY (SEE NOTE BELOW)
2	27-23005		2,2,2,2,2,	GASKET, CHECK VALVE TO PUMP HOUSING
3	21-30430		2,2,2,2,2,	VALVE, CHECK
4	23004		1,1,1,1,1,	RETAINER, CHECK VALVE
5	10-20037		2,2,2,2,2,	SCREW, RETAINER TO HOUSING
6	27-24863		2,2,2,2,2,	GASKET, FUEL PUMP
7	23014		1,1,1,1,1,	DIAPHRAGM, FUEL PUMP
8	10-29246		2,2,2,2,2,	SCREW, FUEL PUMP MOUNTING (1-5/8)
9	10-28712		1,1,1,1,1,	SCREW, FUEL PUMP MOUNTING(1-5/8)
10	32-28599		1,1,1,1,1,	FUEL LINE, FUEL PUMP TO CARBURETOR (5-1/4)
11	22-25443		1,1,1,1,1,	FITTING,FUEL PUMP OUTLET
	22-23125		,,,,,,,1	FITTING, FUEL PUMP OUTLET
12	22-23125		1,,1,1,,1,	FITTING, FUEL PUMP INLET
13	22-22995		1,1,1,1,1,	FITTING, FUEL PUMP FITTING TO FUEL LINE
14	22-22946		1,1,1,1,1,	SLEEVE, RUBBER
15	11-22948		1,1,1,1,1,	NUT, FITTING
16	32-28474		1,,1,1,,1,	FUEL LINE, ADAPTOR TO FUEL PUMP(13")
	32-30301		,1,,,1,,,,	FUEL LINE, ADAPTOR TO FUEL PUMP (11-5/8")
17	30188		1,1,1,1,1,	CUP WASHER, ADAPTOR
18	24-23067		1,1,1,1,1,	SPRING, ADAPTOR STEM
19	25-20415		1,1,1,1,1,	"O" RING, ADAPTOR STEM
20	23069		1,1,1,1,1,	STEM, CHECK UNIT ADAPTOR
21	22833		1,1,1,1,1,	ADAPTOR, CHECK UNIT
22	10-21091		2,2,2,2,2,	SCREW, CHECK UNIT ADAPTOR TO STEERING BRACKET
23	12-20028		2,2,2,2,2,	WASHER, ADAPTOR FASTENING SCREW
24	11-28941		2,2,2,2,2,	NUT, ADAPTOR FASTENING SCREW

# SYNCHRONIZE THROTTLE AND SHIFT CONTROL

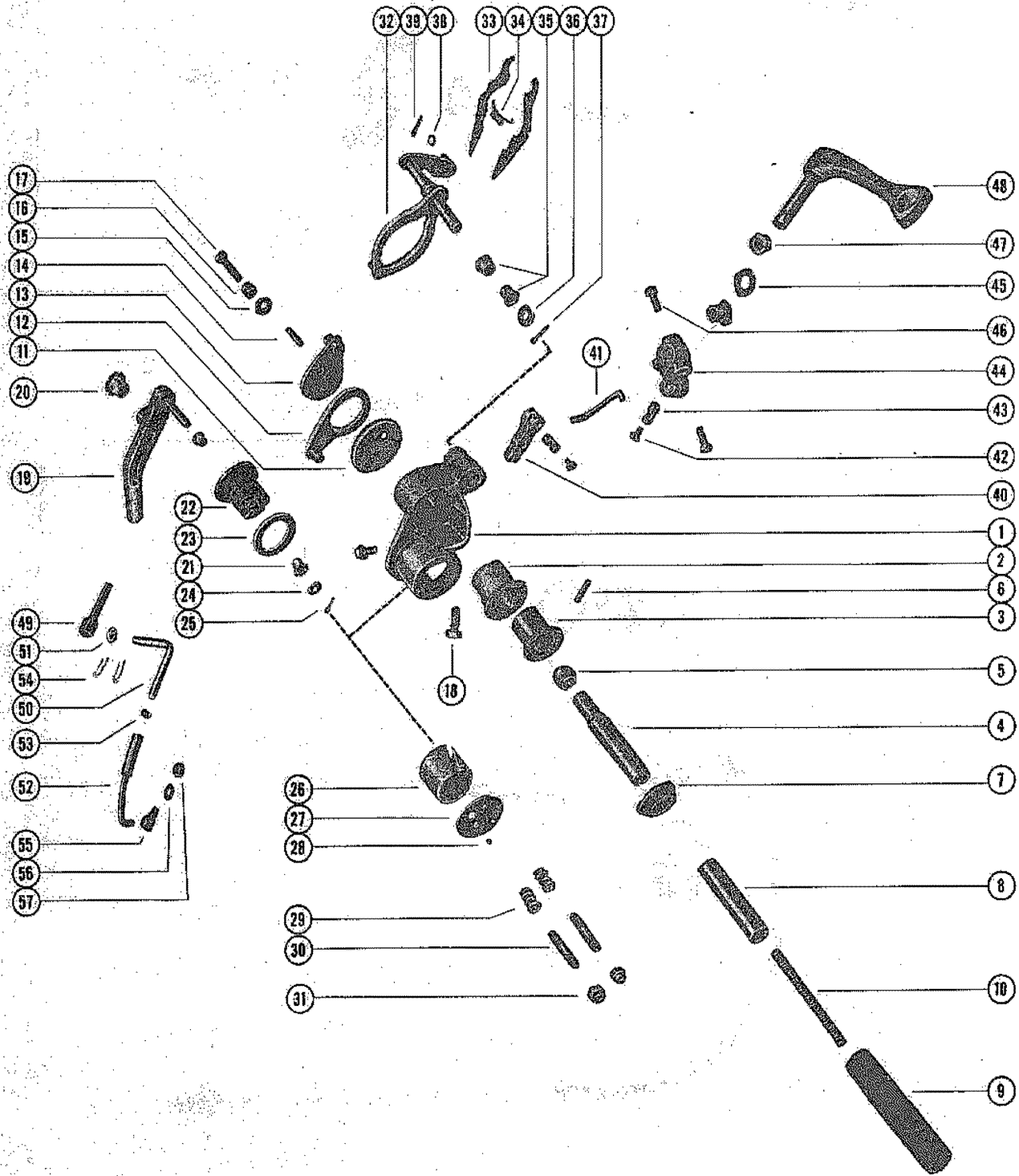


# SYNCHRONIZE THROTTLE AND SHIFT CONTROL

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	28089		1,1,1,1,1,	BODY, SYNCHRONIZER
2	23-28247		1,1,1,1,1,	BUSHING, NYLON - SUPPORT SHAFT TO BODY (7/8")
3	28215		1,1,1,1,1,	SHAFT, SUPPORT - PRIMARY DRIVE
4	28808		1,1,1,1,1,	SHAFT, INPUT - PRIMARY DRIVE
5	28216		1,1,1,1,1,	BALL JOINT, NYLON - INPUT SHAFT
6	17-28235		1,1,1,1,1,	PIN, BALL JOINT TO INPUT AND SUPPORT SHAFT
7	23-20571		1,1,1,1,1,	BUSHING, RUBBER - INPUT SHAFT
8	23-28478		1,1,1,1,1,	SLEEVE, INNER - INPUT SHAFT
9	32-28475		1,1,1,1,1,	TUBE, OUTER - INPUT SHAFT (RUBBER)
10	24-28234		1,1,1,1,1,	SPRING, INPUT SHAFT
11	28153		1,1,1,1,1,	ECCENTRIC, PRIMARY DRIVE SHAFT
12	28213A1		1,1,1,1,1,	LINK, PRIMARY TO MAGNETO CONTROL LEVER
13	28226A1		1,1,1,1,1,	ACTUATOR ASSEMBLY, SHIFT CAM
14	29-25015		1,1,1,1,1,	PIN, ROLLER - ECCENTRIC POSITIONING
15	12-28463		1,1,1,1,1,	WASHER, ACTUATOR FASTENING SCREW
16	23-28462		1,1,1,1,1,	SPACER, ACTUATOR FASTENING SCREW
17	10-28425		1,1,1,1,1,	SCREW, ACTUATOR TO PRIMARY DRIVE SHAFT
18	10-29197		2,2,2,2,2,	SCREW, SYNCHRONIZER BODY TO DRIVE SHAFT HOUSING
19	28111		1,1,1,1,1,	LEVER, MAGNETO CONTROL
20	23-26841		1,1,1,1,1,	BUSHING, NYLON - MAGNETO CONTROL LEVER
21	23-26856		2,2,2,2,2,	BUSHING, NYLON - MAGNETO CONTROL LEVER (1/4")
22	28354		1,1,1,1,1,	CAM, CONTROL LEVER
23	28353		1,1,1,1,1,	PLATE, CLUTCH - REAR
24	12-20583		1,1,1,1,1,	WASHER, CONTROL LEVER TO BODY
25	18-28365		1,1,1,1,1,	COTTER PIN, LOCK - CONTROL LEVER TO CAM
26	23-28352		1,1,1,1,1,	BUSHING, NYLON - SYNCHRONIZER BODY (1")
27	28355		1,1,1,1,1,	PLATE, CLUTCH - FRONT
28	30-28685		1,1,1,1,1,	BALL, DETENT - CLUTCH PLATE TO SYNCHRONIZER
	28356		1,1,1,1,1,	PLATE, CLUTCH RETAINING (NOT REQUIRED ON LATER ENGINES)
29	24-28357		2,2,2,2,2,	SPRING, CLUTCH PLATE TENSION
30	16-29977		2,2,2,2,2,	STUD, CLUTCH RETAINING PLATE TO CAM
31	11-20110		2,2,2,2,2,	NUT, CLUTCH RETAINING PLATE STUD
32	28218A1		1,1,1,1,1,	SHIFT CAM ASSEMBLY
33	28221		2,2,2,2,2,	LEVER, DETENT
34	24-28233		1,1,1,1,1,	SPRING, TENSION - DETENT LEVER
35	23-26841		2,2,2,2,2,	BUSHING, NYLON - SHIFT CAM SHAFT (5/16")
36	12-20546		1,1,1,1,1,	WASHER, SHIFT CAM SHAFT
37	18-21071		1,1,1,1,1,	COTTER PIN, SHIFT CAM SHAFT TO BODY
38	13-27071		1,1,1,1,1,	WASHER, WAVE - SHIFT CAM PIN
39	18-26953		1,1,1,1,1,	COTTER PIN, UPPER SHIFT SHAFT TO SHIFT CAM
40	28109		1,1,1,1,1,	LEVER, CAM CONTROL
41	28675		1,1,1,1,1,	LINK, DRAG - TROLL CONTROL

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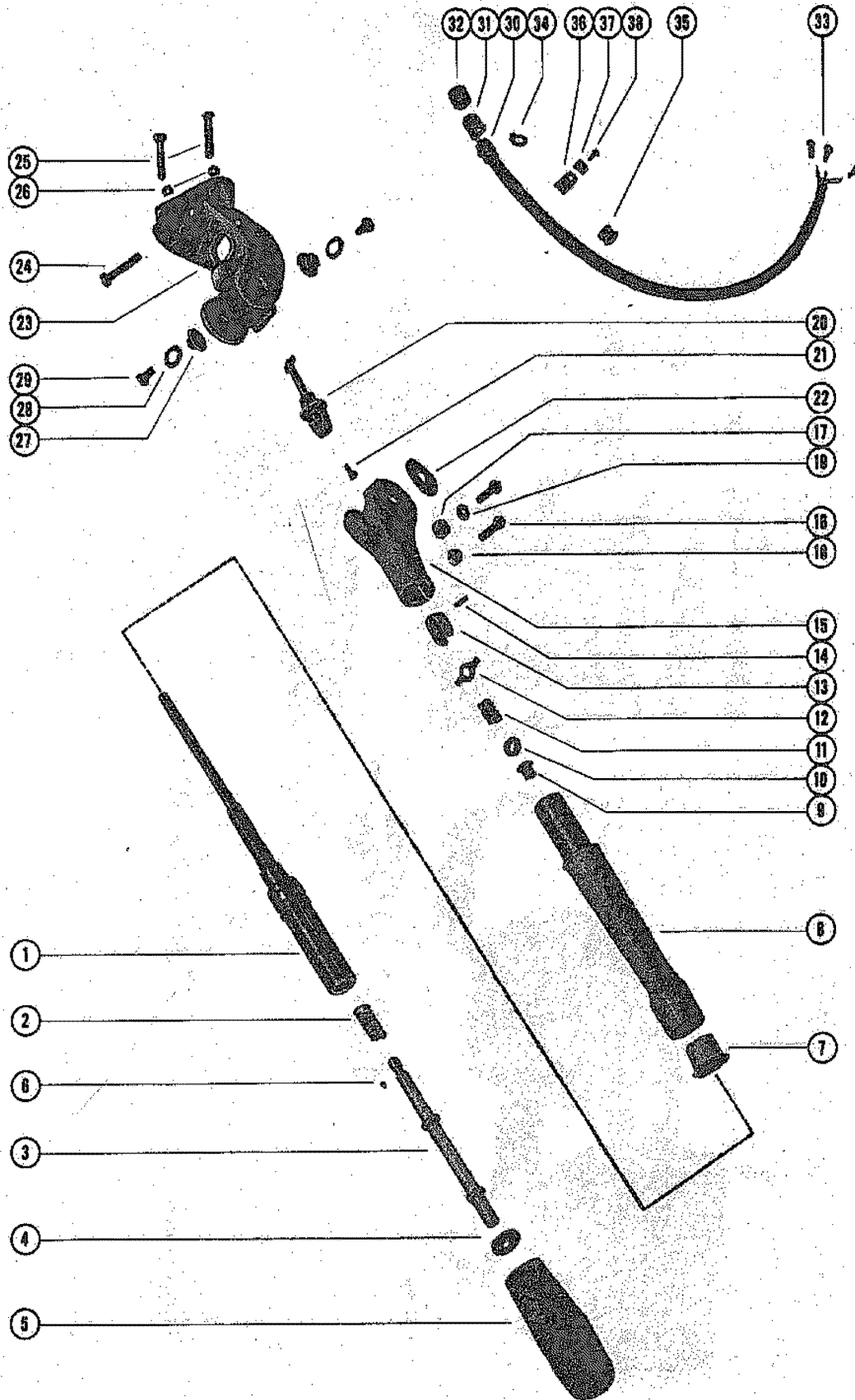
# SYNCHRONIZE THROTTLE AND SHIFT CONTROL



# SYNCHRONIZE THROTTLE AND SHIFT CONTROL

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
42	10-28674		2,2,2,2,2,	SCREW, DRAG LINK TO TROLL ARM AND CAM LEVER
43	17-28673		2,2,2,2,2,	PIN, ANCHOR - TROLL CONTROL ARM
44	28112		1,1,1,1,1,	ARM, TROLL CONTROL LEVER
45	13-25906		1,1,1,1,1,	WASHER, WAVE - TROLL CONTROL LEVER
46	10-28249		2,2,2,2,2,	SCREW, SET - ARM TO TROLL CONTROL LEVER
47	23-26841		2,2,2,2,2,	BUSHING, NYLON - TROLL CONTROL ELVER
48	26836		1,1,1,1,1,	LEVER, TOLL CONTROL
49	26769		1,1,,1,1,1	BOLT, SWIVEL - MAGNETO CONTROL LEVER - EARLY MODELS
50	28368		1,1,,1,1,1	LINK, ADJUSTING - MAGNETO CONTROL ROD - EARLY MODELS
49	10-34697		,,1,,,,,1,	BOLT, SWIVEL - MAGNETO CONTROL LEVER - LATE MODELS
50	31428		,,1,,,,,1,	LINK, ADJUSTING - MAGNETO CONTROL ROD - LATE MODELS
51	12-26014		,,OPT,,,,,	WASHER, SWIVEL BOLT TO ADJUSTING LINK - LATE MODELS
52	28367		1,1,1,1,1,	ROD, MAGNETO CONTROL
53	11-20645		1,1,1,1,1,	NUT, LOCK - ADJUSTING LINK
54	18-27769		1,1,,1,1,1	COTTER PIN, ADJUSTING LINK TO SWIVEL BOLT
	18-27769		,,2,,,,,2,	COTTER PIN, ADJUSTING LINK TO SWIVEL BOLT
55	28232		1,1,1,1,1,	BOLT, TOGGLE-THROTTLE CONTROL CAM
56	13-29402		1,1,1,1,1,	WASHER, WAVE - TOGGLE BOLT
57	11-20586		1,1,1,1,1,	NUT, TOGGLE BOLT FASTENING

# STEERING HANDLE ASSEMBLY

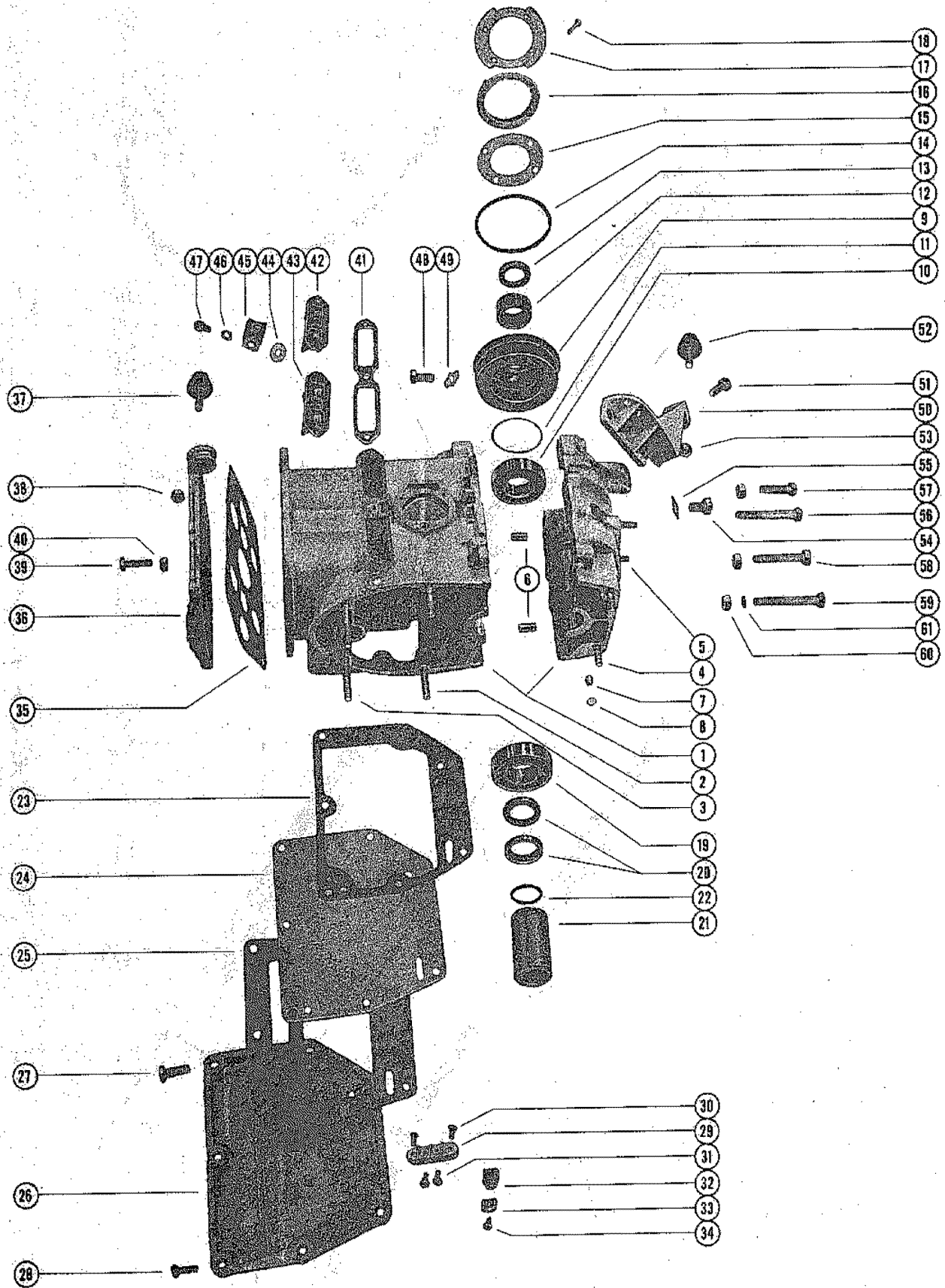




# STEERING HANDLE ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	28702A2		1,1,1,1,1,	STEERING HANDLE ASSEMBLY, COMPLETE
1	28702A1		1,1,1,1,1,	STEERING HANDLE ASSEMBLY
2	24-28101		1,1,1,1,1,	SPRING, REVERSE SHAFT TENSION
3	28099		1,1,1,1,1,	SHAFT, REVERSE STOP
4	12-28105		1,1,1,1,1,	WASHER, REVERSE SHAFT
5	28098		1,1,1,1,1,	GRIP, RUBBER - STEERING HANDLE
6	30-28103		1,1,1,1,1,	BALL, STEEL - REVERSE SHAFT LOCKING
7	23-28104		1,1,1,1,1,	BUSHING, NYLON - HANDLE SHAFT (3/4")
8	28097		1,1,1,1,1,	TUBE, STEERING HANDLE
9	23-28100		1,1,1,1,1,	BUSHING, NYLON - HANDLE SHAFT (5/16")
10	12-20084		1,1,1,1,1,	WASHER, STEERING HANDLE SHAFT
11	24-26703		1,1,1,1,1,	SPRING, STEERING HANDLE SHAFT
12	14-26706		1,1,1,1,1,	TAB WASHER, YOKE PIN HOLDING
13	30235		1,1,1,1,1,	YOKE, STEERING HANDLE
14	17-26862		1,1,1,1,1,	PIN, YOKE TO STEERING HANDLE SHAFT
15	29518		1,1,1,1,1,	ADAPTOR, HANDLE
16	10-21091		2,2,2,2,2,	SCREW, HANDLE ADAPTOR CLAMPING
17	11-20361		1,1,1,1,1,	NUT, HANDLE ADAPTOR CLAMPING SCREW
18	11-20586		1,1,1,1,1,	NUT, HANDLE ADAPTOR CLAMPING SCREW
19	12-20533		1,1,1,1,1,	WASHER, HANDLE ADAPTOR CLAMPING SCREW
20	28480A2		1,1,1,1,1,	CONTROL SHAFT ASSEMBLY
21	10-28663		1,1,1,1,1,	SCREW, CONTROL SHAFT TO STEERING BRACKET
	10-26774		,,,,,,1	SCREW, CONTROL SHAFT TO STEERING BRACKET
22	15-28485		2,2,2,2,2,	SHIM, ADAPTOR TO STEERING ARM BRACKET
23	30205		1,1,1,1,1,	BRACKET, STEERING ARM
24	10-21259		1,1,1,1,1,	SCREW, STEERING BRACKET TO SADDLE (1-1/2")
25	10-21807		2,2,2,2,2,	SCREW, STEERING BRACKET TO SADDLE (1-3/4")
26	11-24652		2,2,2,2,2,	NUT, REAR BRACKET FASTENING SCREWS
27	26711		2,2,2,2,2,	PIVOT, STEERING HANDLE ADAPTOR TO BRACKET
28	15-26707		2,2,2,2,2,	SHIM, ADAPTOR PIVOT TO BRACKER (.015)
29	10-28592		2,2,2,2,2,	SCREW, HANDLE PIVOT FASTENING
30	30244		1,1,1,1,1	SHORTING SWITCH ASSEMBLY
31	24-30247A1		1,1,1,1,1	SPRING AND CONTACT ASSEMBLY
32	23987		1,1,1,1,1	COVER, RUBBER - SHORTING SWITCH
33	30260		3,3,3,3,3	TERMINAL, SHORTING SWITCH LEAD
34	53-30248		1,1,1,1,1	RING, RETAINING - SHORTING SWITCH TO BRACKET
35	25-30226		1,1,1,1,1	GROMMET, RUBBER - SHORTING SWITCH LEADS THRU BRACKET
36	54-24836		1,1,1,1,1	CLIP, SHORTING SWITCH LEAD TO BRACKET
37	22789		1,1,1,1,1	"O" WASHER, SHORTIN GSWITCH LEAD CLIP FASTENING SCREW
38	10-31206		1,1,1,1,1	SCREW, SHORTING SWITCH LEAD CLIP FASTENING
	10-30009		,,,,1,,,,	SCREW, SHORTING SWITCH LEAD CLIP FASTENING

# CYLINDER BLOCK AND CRANKCASE ASSEMBLY

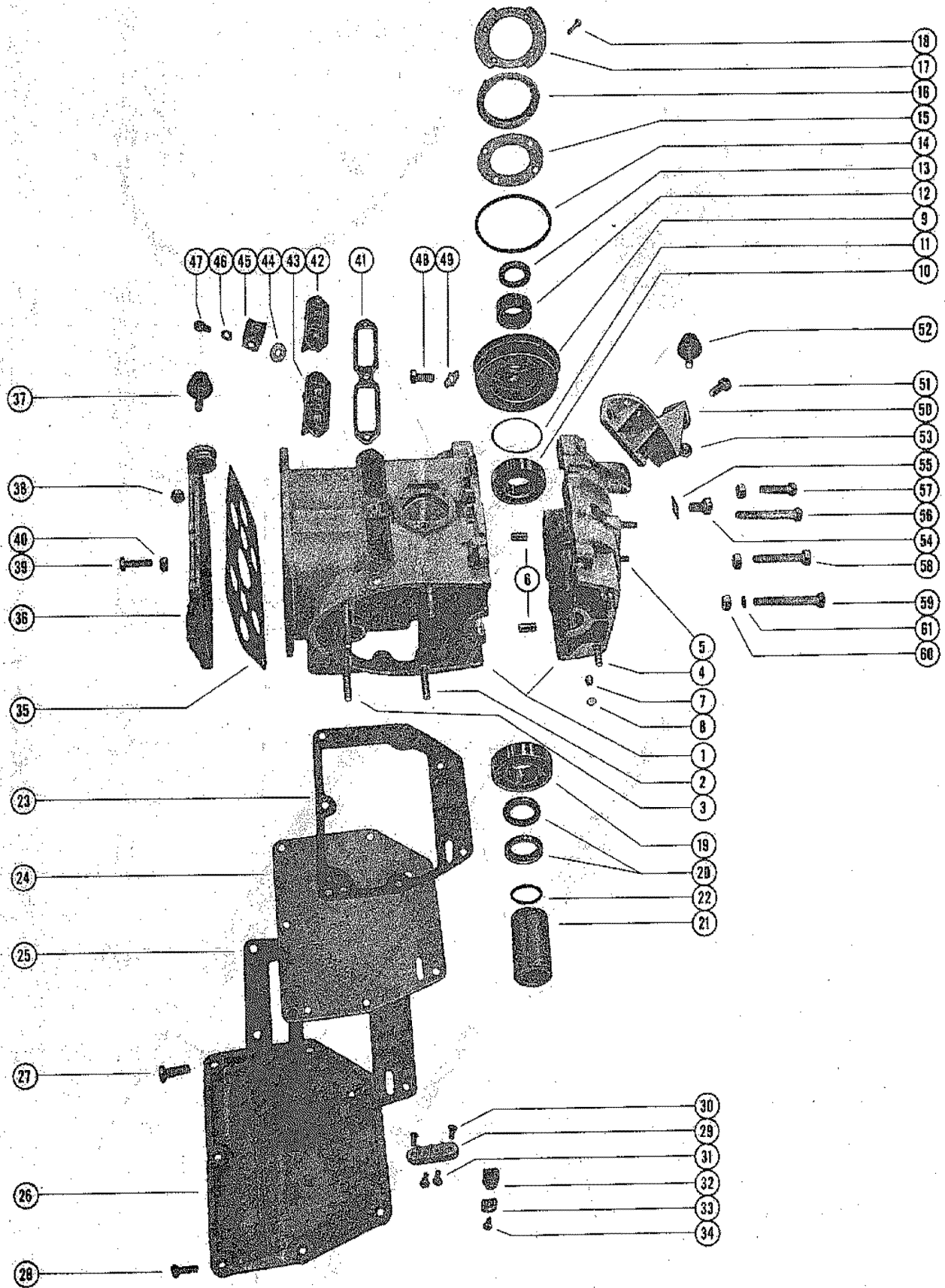


# CYLINDER BLOCK AND CRANKCASE ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	824-1498A3		1,1,1,1,1,	CYLINDER BLOCK AND CRANKCASE ASSEMBLY
	830-1405A3		,,,,,,1,1,1	CYLINDER BLOCK AND CRANKCASE ASSEMBLY
	830-1966A2		,,,,,,,1	CYLINDER BLOCK AND CRANKCASE ASSEMBLY
2	16-20990		2,2,2,2,2,	STUD, CYLINDER BLOCK TO DRIVE SHAFT HOUSING
3	16-25734		2,2,2,2,2,	STUD, CYLINDER BLOCK TO DRIVE SHAFT HOUSING
4	16-20956		2,2,2,2,2,	STUD, CRANKCASE TO DRIVE SHAFT HOUSING
5	16-20074		2,2,2,2,2,	STUD, CRANKCASE TO CARBURETOR
	16-23740		,,,,,,2,2,2	STUD, CRANKCASE TO CARBURETOR
6	17-23784		2,2,2,2,2,	DOWEL PIN, CRANKCASE TO CYLINDER BLOCK
7	21-27146A1		1,1,1,1,1,	CHECK VALVE ASSEMBLY, CRANKCASE
8	19-20011		1,1,1,1,1,	WELCH PLUG, CRANKCASE CHECK VALVE
9	1123-1196A2		1,1,1,1,1,	CRANKCASE TOP ASSEMBLY
10	30-20464		1,1,1,1,1,	BEARING, BALL - CRANKCASE (UPPER)
11	15-20514A1		OPT,OPT,OP	SHIM, BALL BEARING TO CRANKCASE TOP
12	31-20594		1,1,1,1,1,	BEARING, ROLLER - CRANKCASE (UPPER)
13	26-20530		1,1,1,1,1,	OIL SEAL, CRANKCASE (UPPER)
14	25-31932		,,,,,,,1	"O" RING, CRANKCASE (UPPER)
15	15-26931		1,1,1,1,1,	SHIM, SPACER TO CRANKCASE TOP (.015)
16	23-26563		1,1,1,1,1,	SPACER, HOLD DOWN RING TO CRANKCASE TOP
17	29799		1,1,1,1,1,	RING, MAGNETO HOLD DOWN
18	10-28802		4,4,4,4,4,	SCREW, HOLD DOWN RING TO CRANKCASE TOP
19	30-20464		1,1,1,1,1,	BEARING, BALL - CRANKCASE (LOWER)
20	26-20465		2,2,2,2,2,	OIL SEAL, CRANKCASE (LOWER)
21	23-29736		1,1,1,1,1,	SLEEVE, PROTECTOR - CRANKSHAFT
22	25-29845		1,1,1,1,1,	"O" RING, CRANKSHAFT PROTECTOR SLEEVE
23	27-28085		1,1,1,1,1,	GASKET, CYLINDER BLOCK TO BAFFLE PLATE
24	28086		1,1,1,1,1,	PLATE, BAFFLE - EXHAUST MANIFOLD
25	27-28090		1,1,1,1,1,	GASKET, BAFFLE PLATE TO MANIFOLD COVER
26	28074		1,1,1,1,1,	COVER, EXHAUST MANIFOLD
27	10-28636		6,6,6,6,6,	SCREW, MANIFOLD COVER TO CYLINDER BLOCK
28	10-28635		1,1,1,1,1,	SCREW, MANIFOLD COVER TO CYLINDER BLOCK (LOWER REAR)
29	30212		1,1,1,1,1,	TERMINAL BLOCK, EXHAUST MANIFOLD COVER
30	10-28192		2,2,,2,2	SCREW, TERMINAL BLOCK TO EXHAUST MANIFOLD COVER
31	10-30663		2,2,,,,,2,	SCREW, SHORTING SWITCH LEAD TO TERMINAL BLOCK
	10-30009		,,,,,,2,,,,	SCREW, SHORTING SWITCH LEAD TO TERMINAL BLOCK
32	54-24836		2,2,,2,2,	CLIP, SHORTING SWITCH LEAD FASTENING
33	22789		2,2,,2,2,	"D" WASHER, SHORTING SWITCH LEAD FASTENING SCREW
34	10-31206		2,2,,,,,2,	SCREW, SHORTING SWITCH LEAD CLIP FASTENING
	10-30009		,,,,,,2,,,,	SCREW, SHORTING SWITCH LEAD CLIP FASTENING
35	27-26173		1,1,1,1,1,	GASKET, CYLINDER BLOCK COVER
36	1009-1200		1,1,1,1,1,	COVER, CYLINDER BLOCK
37	28805		2,2,2,2,2,	MOUNT, RUBBER - TOP COWL (CYLINDER BLOCK COVER)

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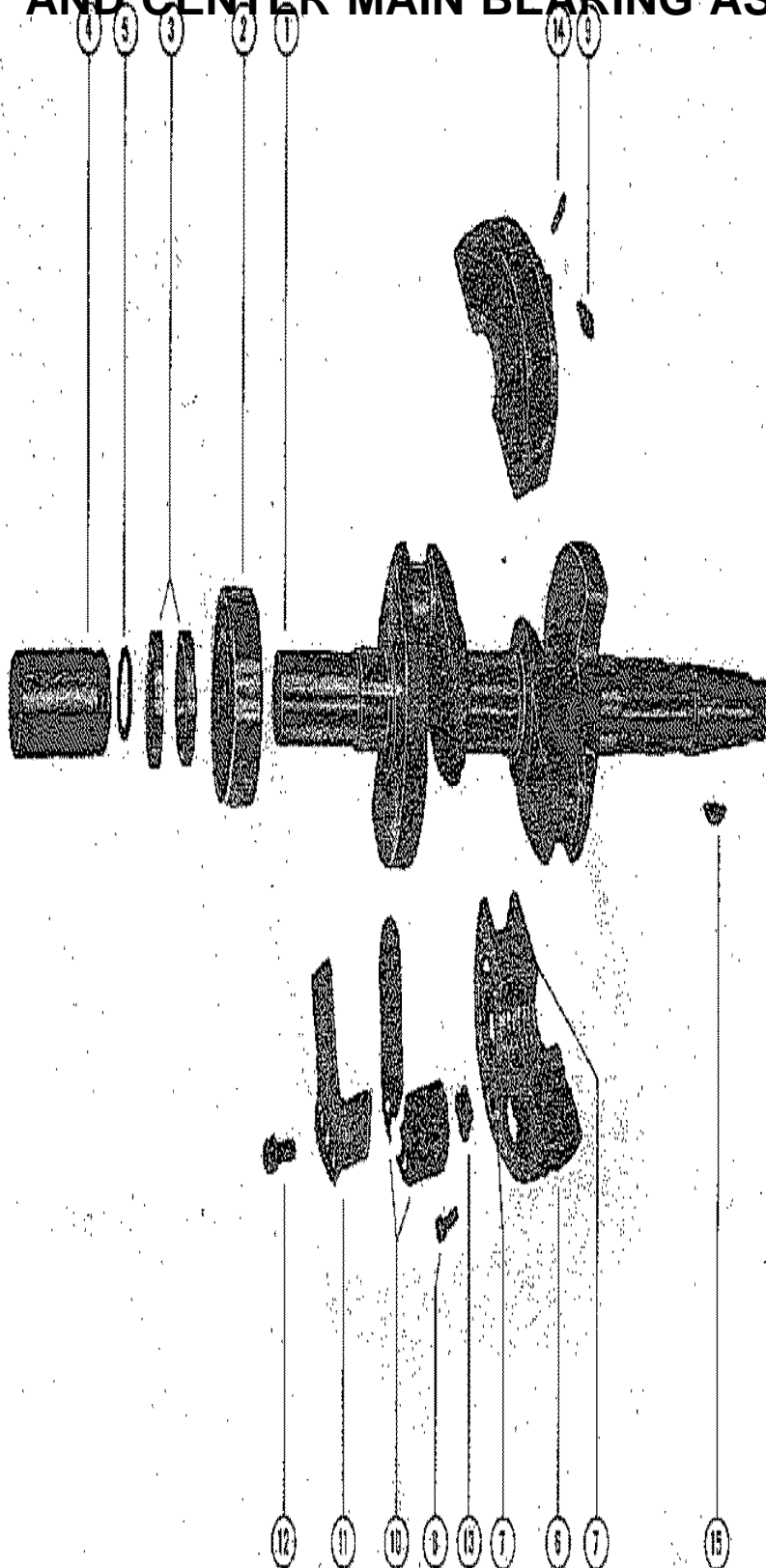
# CYLINDER BLOCK AND CRANKCASE ASSEMBLY



## CYLINDER BLOCK AND CRANKCASE ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
37	12-28518		2,2,,2,2,2	WASHER, SPACING - RUBBER MOUNT STUD
38	11-20083		2,2,2,2,2,2	NUT, RUBBER MOUNT TO COVER
39	10-20653		6,6,6,6,6,6	SCREW, COVER TO CYLINDER BLOCK
40	11-24652		6,6,6,6,6,6	NUT, CYLINDER BLOCK COVER FASTENING SCREW
41	27-26175		1,1,1,1,1,1	GASKET, TRANSFER PORT COVER (NOT AS SHOWN)
	27-32025		,,,,,,1	GASKET, TRANSFER PORT COVER
	26174		1,1,1,1,1,1	COVER, TRANSFER PORT
42	32033		,,,,,,1	COVER, TRANSFER PORT - UPPER
43	32032		,,,,,,1	COVER, TRANSFER PORT - LOWER
44	12-20346		,,,,,,1	WASHER, TRANSFER PORT COVER SCREW
45	54-20534		1,1,1,1,1,1	CLAMP, HARNESS - IGNITION WIRES
46	12-20533		1,1,1,1,1,1	WASHER, HARNESS CLAMP SCREW
47	10-28635		3,3,3,3,3,3	SCREW, PORT COVER TO CYLINDER BLOCK
	10-20540		,,,,,,3	SCREW, PORT COVER TO CYLINDER BLOCK
48	10-25299		2,2,2,2,2,2	SCREW, CRANKCASE TOP FASTENING
49	14-20747		2,2,2,2,2,2	TAB WASHER, TOP FASTENING SCREW
50	26799		1,1,1,1,1,1	BRACKET, TOP COWL MOUNTING
51	10-29256		2,2,2,,2,	SCREW, COWL MOUNTING BRACKET TO CRANKCASE
	10-28782		,,2,2,,,	SCREW, COWL MOUNTING BRACKET TO CRANKCASE
52	28805		1,1,1,1,1,1	MOUNT, RUBBER - TOP COWL MOUNTING BRACKET
	12-28518		1,1,,1,1,1	WASHER, SPACING - RUBBER MOUNT STUD
53	11-20083		1,1,1,1,1,1	NUT, RUBBER MOUNT TO BRACKET
54	10-26801		1,1,1,1,1,1	SCREW, CENTER MAIN BEARING LOCK
55	14-20091		1,1,1,1,1,1	TAB WASHER, BEARING LOCK SCREW
56	10-29942		1,1,1,1,1,1	SCREW, CRANKCASE TO CYLINDER BLOCK (2-1/4")
57	10-26066		6,6,6,6,6,6	SCREW, CRANKCASE TO CYLINDER BLOCK (1-1/4")
58	10-21449		1,1,1,1,1,1	SCREW, CRANKCASE TO CYLINDER BLOCK (2")
59	10-26132		2,2,2,2,2,2	SCREW, CRANKCASE TO CYLINDER BLOCK (2-1/2")
60	11-29250		10,10,10,1	NUT, CRANKCASE FASTENING SCREW
61	25-25429		1,1,1,1,1,1	"O" RING, CRANKCASE FASTENING SCREW

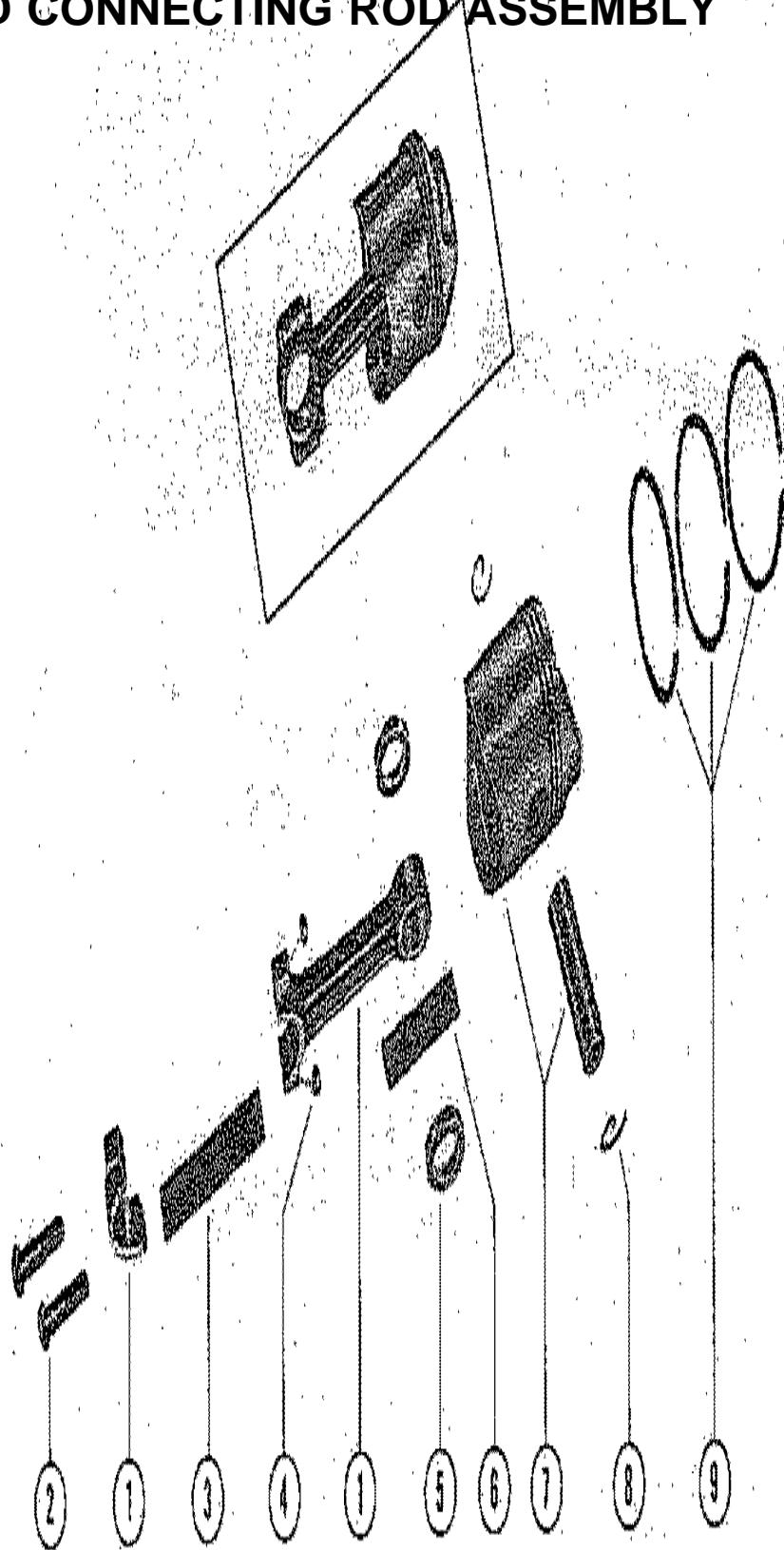
# CRANKSHAFT AND CENTER MAIN BEARING ASSEMBLY



# CRANKSHAFT AND CENTER MAIN BEARING ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	415-2295		1,1,1,1,1,	CRANKSHAFT
2	30-20464		1,1,1,1,1,	BEARING, BALL - CRANKCASE (LOWER)
3	26-20465		2,2,2,2,2,	OIL SEAL, CRANKCASE (LOWER)
4	23-29736		1,1,1,1,1,	SLEEVE, PROTECTOR - CRANKSHAFT
5	25-29845		1,1,1,1,1,	"O" RING, PROTECTOR SLEEVE
6	522-1510A1		1,1,1,,,,,	CENTER MAIN BEARING ASSEMBLY
	527-1619A1		,,1,1,1,1,	CENTER MAIN BEARING ASSEMBLY
	527-1947A2		,,,,,,,1	CENTER MAIN BEARING ASSEMBLY
7	17-20032		2,2,2,,,,,	DOWEL PIN, CENTER MAIN BEARING
	17-20032		,,10,10,1	DOWEL PIN, CENTER MAIN BEARING
8	10-26184		2,2,2,,,,,	SCREW, CENTER MAIN BEARING CLAMPING (9/16)
	10-26184		,,10,10,1	SCREW, CENTER MAIN BEARING CLAMPING (9/16)
	10-25313		,,,,,,,2	SCREW, CENTER MAIN BEARING CLAMPING (9/16)
	10-22486		1,1,1,,,,,	SCREW, CENTER MAIN BEARING CLAMPING (7/8)
9	11-24652		2,2,2,2,2,	NUT, CENTER MAIN BEARING CLAMPING SCREW
	11-29469		0	NUT, CENTER MAIN BEARING CLAMPING SCREW
	34-21293		4,4,4,,,,,	REED, CENTER MAIN BEARING
10	34-20888A1		,,1,1,1,1,	REED SET, CENTER MAIN BEARING (MATCHED)
	34-30303A1		,,,,,,,11	REED SET, CENTER MAIN BEARING (MATCHED)
	34-25454		4,4,4,,,,,	REED STOP, MAIN BEARING REED VALVES
11	34-20053		,,4,4,4,4	REED STOP, MAIN BEARING REED VALVES
	34-32038		0	REED STOP, MAIN BEARING REED VALVES
12	10-20100		4,4,4,,,,,	SCREW, REED STOP MOUNTING
	10-29465		,,4,4,4,4	SCREW, REED STOP MOUNTING
13	11-24656		4,4,4,,,,,	NUT, REED STOP MOUNTING SCREW
	11-29469		,,4,4,4,4	NUT, REED STOP MOUNTING SCREW
14	17-20032		1,1,1,1,1,	DOWEL PIN, MAIN BEARING TO CYLINDER BLOCK
15	28-20094		1,1,1,1,1,	KEY, FLYWHEEL

# PISTON AND CONNECTING ROD ASSEMBLY

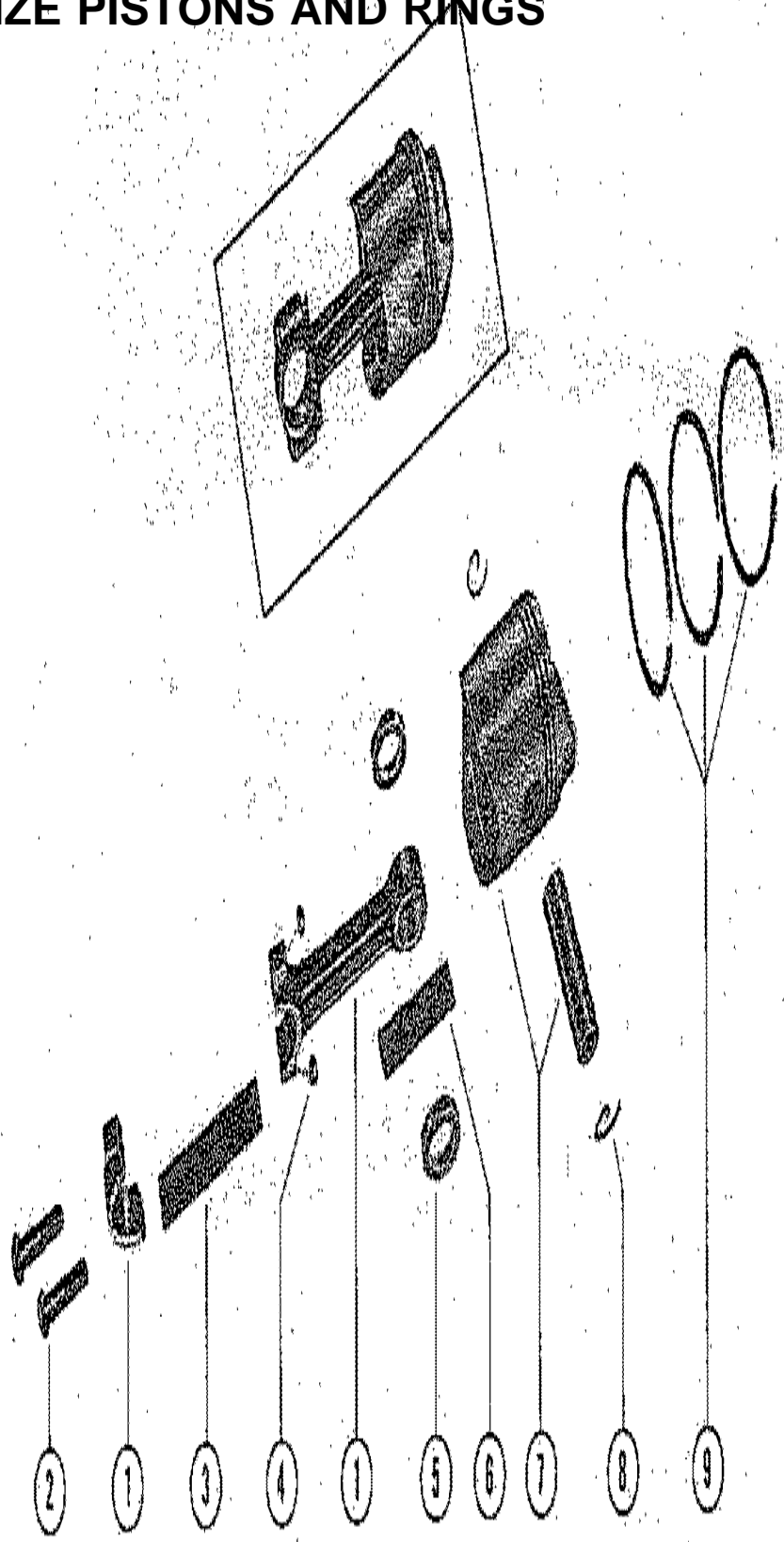




## PISTON AND CONNECTING ROD ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	600-7A3		2,,2,,,,	CONNECTING ROD ASSEMBLY
	600-7A4		2,2,2,,2,2	CONNECTING ROD ASSEMBLY
2	10-20060		4,4,4,4,4,	SCREW, CONNECTING ROD
3	29-20046		50,50,50,5	BEARING, NEEDLE - CRANKPIN
4	11-20061		4,4,4,4,4,	NUT, CONNECTING ROD SCREW
5	12-26178		4,,4,,,,	WASHER, NEEDLE BEARING RETAINING (1/32")
	12-28121		4,4,4,,4,4	WASHER, NEEDLE BEARING RETAINING (1/16")
6	29-20063		44,44,44,4	BEARING, NEEDLE - PISTON PIN
7	713-1527A4		2,2,2,2,2,	PISTON AND PISTON PIN ASSEMBLY
	724-2537A4		,,,2,2,2	PISTON AND PISTON PIN ASSEMBLY
8	40-20057		4,4,4,4,4,	LOCK RING, PISTON PIN
9	39-23124A12		6,6,6,6,6,	RING, PISTON
	39-27841A12		,,,6,6,6	RING, PISTON

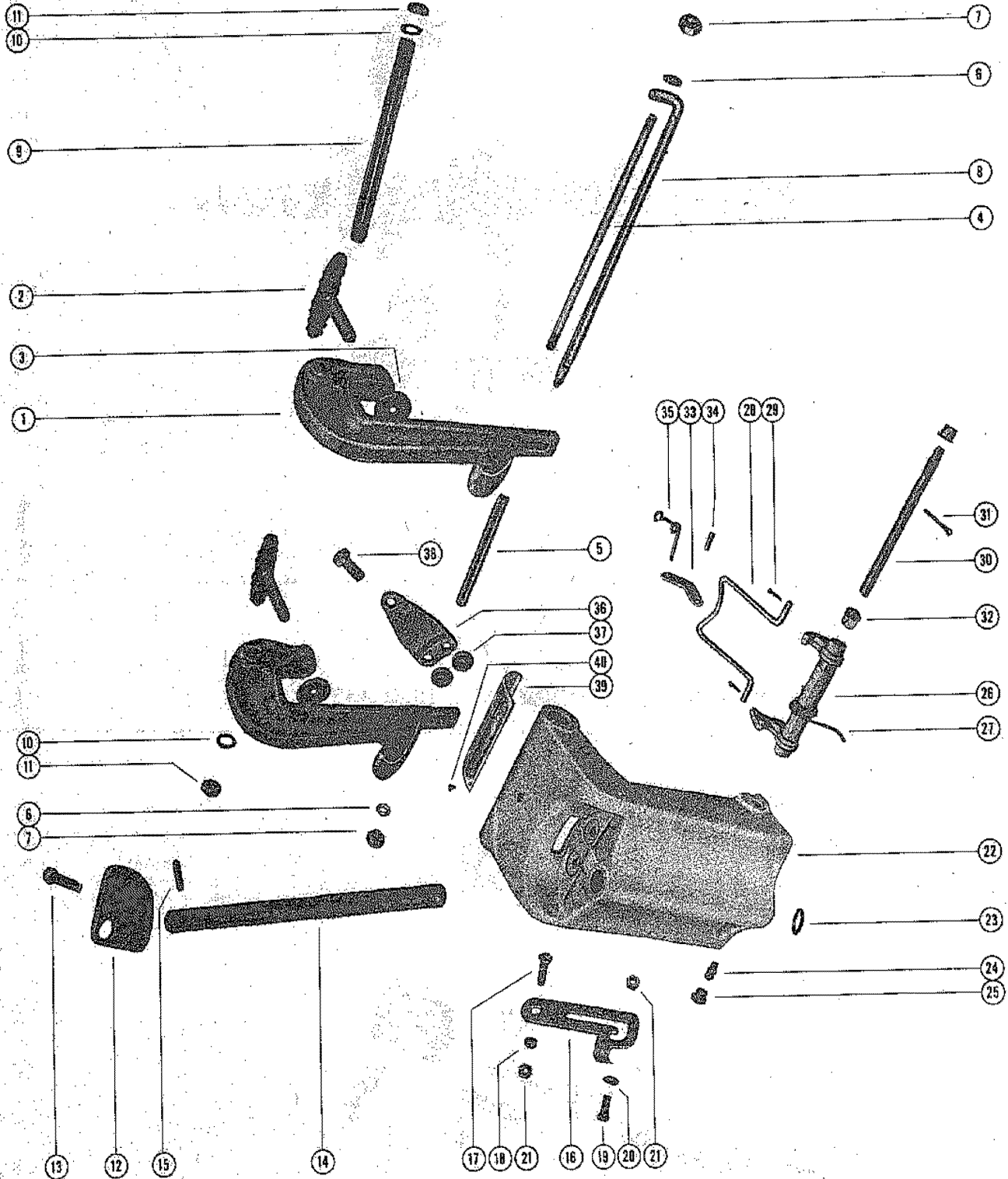
# .015 OVERSIZE PISTONS AND RINGS



## .015 OVERSIZE PISTONS AND RINGS

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	713-1531A1		2,2,2,2,2,	PISTON AND PISTON PIN ASSEMBLY (.015 OVERSIZE)
-	724-2553A3		2,2,2	PISTON AND PISTON PIN ASSEMBLY (.015 OVERSIZE)
-	39-27734A12		6,6,6,6,6,	RING, PISTON (.015 OVERSIZE)
-	39-28616A12		6,6,6	RING, PISTON (.015 OVERSIZE)

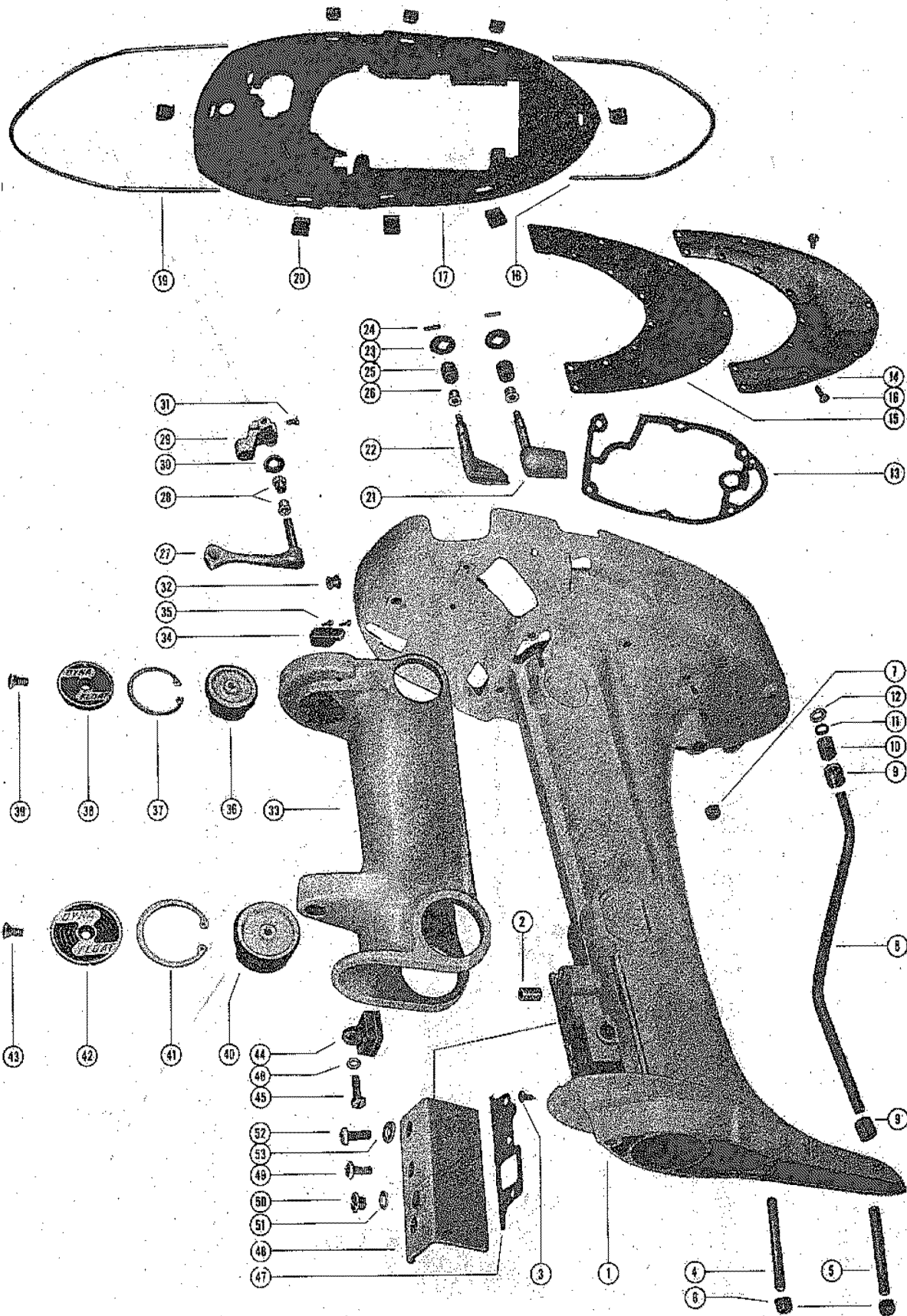
# CLAMP AND SWIVEL BRACKET ASSEMBLY



# CLAMP AND SWIVEL BRACKET ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	1427-1081A1		2,2,2,2,2	CLAMP BRACKET ASSEMBLY
2	22477A4		2,2,2,2,2	THUMB SCREW ASSEMBLY
3	12-20214		2,2,2,2,2	WASHER, THUMB SCREW
4	16-20657		1,1,1,1,1	STUD, CLAMP BRACKET
5	23-20658		1,1,1,1,1	SPACER, CLAMP BRACKET STUD
6	13-26993		2,2,2,2,2	LOCKWASHER, CLAMP BRACKET STUD
7	11-20083		2,2,2,2,2	NUT, CLAMP BRACKET STUD
8	17-28848A2		1,1,1,1,1	TILT LOCK PIN ASSEMBLY
9	16-25674		1,1,1,1,1	STUD, CLAMP BRACKET TO SWIVEL BRACKET
10	15-25600A1		2,2,2,2,2	SHIM, CLAMP BRACKET STUD
11	11-25599		2,2,2,2,2	NUT, CLAMP BRACKET STUD FASTENING
12	26558		1,1,1,1,1	CO-PILOT DISC
13	10-28515		3,3,3,3,3	SCREW, CO-PILOT DISC TO SADDLE
14	17-26540		1,1,1,1,1	SWIVEL PIN
15	17-26541		1,1,1,1,1	ROLL PIN, SWIVEL PIN TO SADDLE
16	26864		1,1,1,1,1	LEVER, TILT STOP
17	10-20217		1,1,1,1,1	SCREW, ANCHOR - TILT STOP LEVER
18	23-20216		1,1,1,1,1	SPACER, TILT STOP LEVER SCREW
19	10-29237		1,1,1,1,1	SCREW, RETAINING - LEVER TO SWIVEL BRACKET
20	15-20473A1		1,1,1,1,1	SHIM, RETAINING SCREW
21	11-24652		2,2,2,2,2	NUT, TILT STOP LEVER SCREW
22	1445-1799A2		1,1,1,1,1	SWIVEL BRACKET ASSEMBLY
23	25-29316		1,1,1,1,1	"O" RING, SWIVEL BRACKET - SWIVEL PIN
24	22-23612		1,1,1,1,1	FITTING, GREASE - SWIVEL PIN (1/8 - 27) (SEE NOTE)
	22-31345		1,1,1,1,1	FITTING, GREASE - SWIVEL PIN (1/4 - 28) (SEE NOTE)
25	29359		1,1,1,1,1	LUBRICAP, SWIVEL BRACKET BRACKET GREASE FITTING
26	26093A2		1,1,1,1,1	REVERSE LOCK LEVER ASSEMBLY
27	24-28184		1,1,1,1,1	SPRING, REVERSE LOCK LEVER
28	28118		1,1,1,1,1	FORK, ACTUATING - REVERSE LOCK LEVER
29	18-26953		2,2,2,2,2	COTTER PIN, ACTUATING FORK TO REVERSE LOCK LEVER
30	26092		1,1,1,1,1	ROD, REVERSE LOCK LEVER
31	18-20209		1,1,1,1,1	COTTER PIN, REVERSE LOCK LEVER TO ROD
32	23-26841		2,2,2,2,2	BUSHING, NYLON - REVERSE LOCK LEVER ROD
33	28114		1,1,1,1,1	LEVER, ACTUATING - REVERSE LOCK LEVER (1/8" THICK)
34	17-22531		1,1,1,1,1	ROLL PIN, ACTUATING LEVER
35	28664		1,1,1,1,1	LINK, PUSH - UPPER SHIFT SHAFT
36	28125		1,1,1,1,1	PLATE, CLAMP - CO-PILOT
37	20203		4,4,4,4,4	DISC, FRICTION - CLAMP PLATE AND SWIVEL BRACKET
38	10-29201		1,1,1,1,1	SCREW, CLAMP PLATE TO SWIVEL BRACKET
39	38-31067		1,1,1,1,1	SERIAL PLATE
40	10-28642		4,4,4,4,4	SCEW, DRIVE - SERIAL PLATE TO SWIVEL BRACKET (TAPERED)

# DRIVE SHAFT HOUSING ASSEMBLY

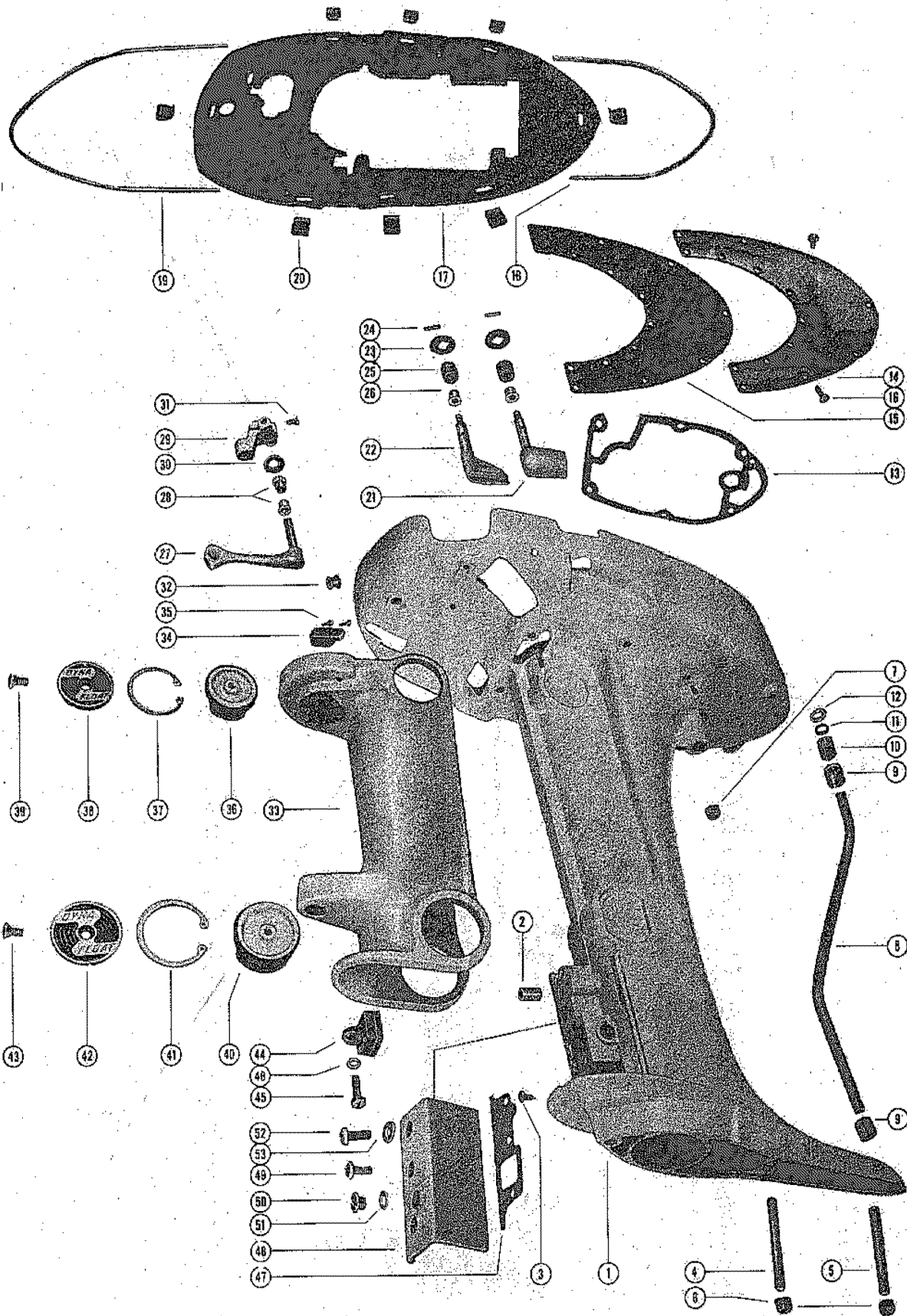


# DRIVE SHAFT HOUSING ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	1531-1696A2		1,1,1,1,1,	DRIVE SHAFT HOUSING ASSEMBLY
	1531-1630A2		1,1,1,1,1,	DRIVE SHAFT HOUSING ASSEMBLY
2	19-29568		1,1,1,1,1,	PLUG, PLASTIC - DRIVE SHAFT HOUSING
	17-29452		1,1,1,1,1,	ROLL PIN, WATER PUMP CARTRIDGE
3	10-32089		1,1,1,1,1,	SCREW, DRIVE - WATER PUMP CARTRIDGE
4	16-26324		1,1,1,1,1,	STUD, DRIVE SHAFT HOUSING TO GEAR HOUSING
5	16-26776		1,1,1,1,1,	STUD, DRIVE SHAFT HOUSING TO GEAR HOUSING
6	11-21528		3,3,3,3,3,	NUT, DRIVE SHAFT HOUSING TO GEAR HOUSING STUD
7	11-24652		6,6,6,6,6,	NUT, POWERHEAD TO DRIVE SHAFT HOUSING
8	32-28136		1,1,1,1,1,	TUBE, WATER INLET
9	26-26865		2,2,2,2,2,	SEAL, RUBBER - WATER INLET TUBE
10	23-28135		1,1,1,1,1,	SLEEVE, RUBBER - WATER INLET TUBE
11	25-22174		1,1,1,1,1,	"O" RING, WATER INLET TUBE
12	12-20413		1,1,1,1,1,	WASHER, WATER INLET TUBE LOCATION
13	27-28132		1,1,1,1,1,	GASKET, POWERHEAD TO DRIVE SHAFT HOUSING
14	28119		1,1,1,1,1,	COVER, EXHAUST RELIEF MUFFLER
15	27-28120		1,1,1,1,1,	GASEKT, EXHAUST RELIEF MUFFLER COVER
16	10-31206		15,15,15,,	SCREW, EXHAUST RELIEF MUFFLER COVER
	10-30009		,,15,15,,	SCREW, EXHAUST RELIEF MUFFLER COVER
17	29833		1,1,1,1,1,	SOUND SEAL, DRIVE SHAFT HOUSING
18	28899		1,1,1,1,1,	RETAINER, SOUND SEAL - AFT
19	28900		1,1,1,1,1,	RETAINER, SOUND SEAL - FORWARD
20	54-28901		8,8,8,8,8,	FASTENER, SOUND SEAL TO HOUSING
21	29082A1		1,1,1,1,1,	LEVER, TOP COWL CLAMPING (PORT)
22	29083A1		1,1,1,1,1,	LEVER, TOP COWL CLAMPING (STARBOARD)
23	53-30428		2,2,2,2,2,	FASTENER, CLAMPING LEVER HOLDING
24	17-29077		2,2,2,2,2,	ROLL PIN, CLAMPING LEVER (5/32 X 3/4)
25	23-31293		2,2,2,,,2,	BUSHING, RUBBER CLAMPING LEVER
	23-25915		,,,2,2,,,,	BUSHING, RUBBER - CLAMPING LEVER
26	23-26819		2,2,2,2,2,	BUSHING, NYLON - CLAMPING LEVER TO HOUSING
	12-26825		2,,,2,2,2,	WASHER, CLAMPING LEVER SHAFT - SEE NOTE BELOW
	18-20180		2,,,2,2,2,	COTTER PIN, CLAMPING LEVER HOLDING - SEE NOTE BELOW
23	53-30428		,,2,2,,,,2,	FASTENER, CLAMPING LEVER HOLDING - SEE NOTE BELOW
27	26836		1,1,1,1,1,	LEVER, TROLL CONTROL
28	23-26841		2,2,2,2,2,	BUSHING, NYLON - TROLL CONTROL LEVER
29	28112		1,1,1,1,1,	ARM, TROLL CONTROL LEVER
30	13-25906		1,1,1,1,1,	WASHER, WAVE - TROLL LEVER ARM
31	10-28249		2,2,2,2,2,	SCREW, SET - ARM TO TROLL CONTROL LEVER
32	25-30258		,,1,1,,1,,1	GROMMET, RUBBER - SHORTING SWITCH LEAD HOLE
33	1534-1427		1,1,1,1,1,	SADDLE
34	28932		1,1,1,1,1,	BUMPER, RUBBER - SADDLE (UPPER)
35	10-28942		2,2,2,2,2,	SCREW, RUBBER BUMPER TO SADDLE

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# DRIVE SHAFT HOUSING ASSEMBLY

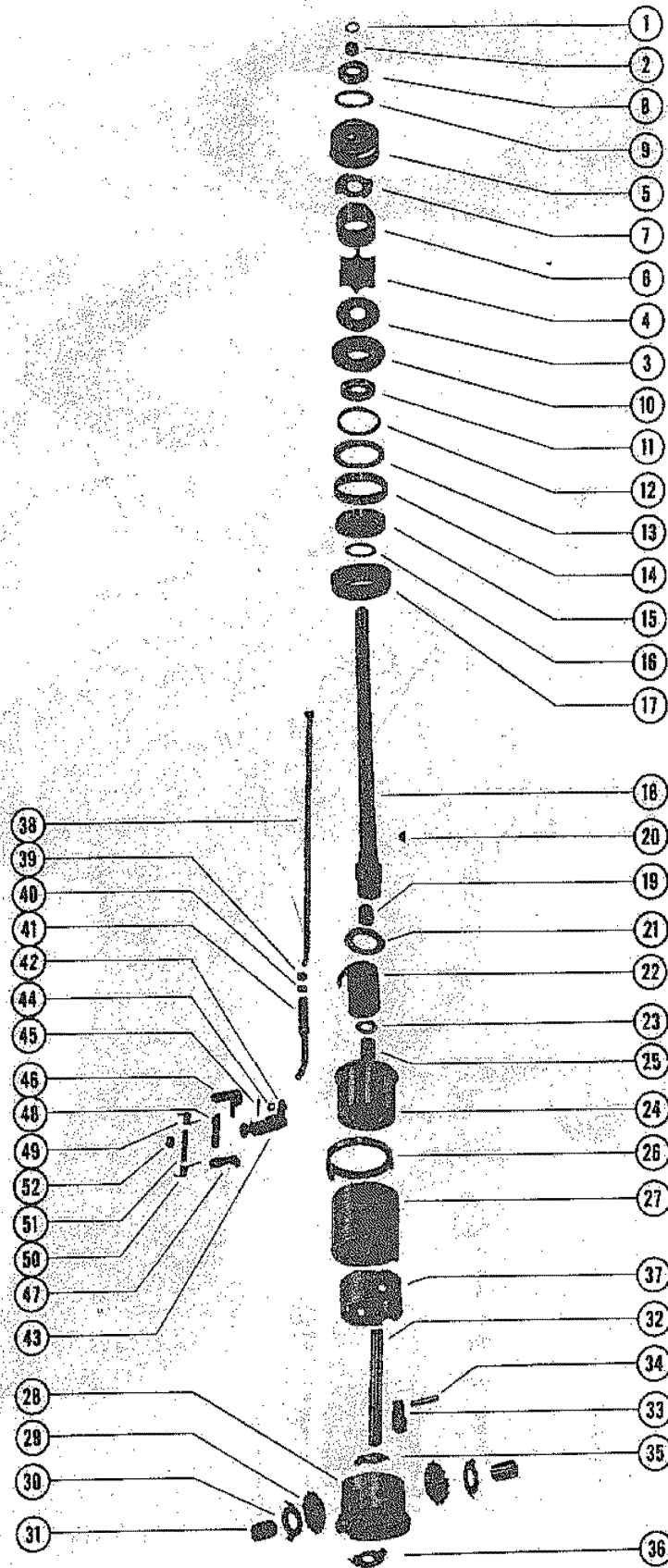




# DRIVE SHAFT HOUSING ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
36	25678		2,2,2,2,2,	MOUNT, RUBBER (UPPER)
	25150		,,,,,,2,2,2	MOUNT, RUBBER (UPPER)
37	53-23720		2,2,2,2,2,	RING, RETAINING - UPPER MOUNT
38	25155		2,2,2,2,2,	COVER, UPPER MOUNT
39	10-28637		2,2,2,2,2,	SCREW, UPPER MOUNT COVER RETAINING
40	28884		2,2,2,2,2,	MOUNT, RUBBER (LOWER)
	28281		,,,,,,2,2,2	MOUNT, RUBBER (LOWER)
41	53-23721		2,2,2,2,2,	RING, RETAINING - LWOER MOUNT
42	25154		2,2,2,2,2,	COVER, LOWER MOUNT
43	10-28637		2,2,2,2,2,	SCREW, LOWER MOUNT COVER RETAINING
44	28334		1,1,1,1,1,	BUMPER, RUBBER - SADDLE (LOWER)
45	10-20542		1,1,1,1,1,	SCREW, RUBBER BUMPER TO SADDLE
46	12-20028		1,1,1,1,1,	6WASHER, RUBBER BUMPER FASTENING SCREW
47	27-26818		1,1,1,1,1,	GASKET, TRANSMISSION COVER
48	26824		1,1,1,1,1,	COVER, TRANSMISSION
49	10-28639		2,2,2,2,2,	SCREW, TRANSMISSION COVER TO DRIVE SHAFT HOUSING
50	10-28634		1,1,1,1,1,	SCREW, GEAR HOUSING VENT
51	12-20260		1,1,1,1,1,	WASHER, GEAR HOUSING VENT SCREW
52	10-28638		1,1,1,1,1,	SCREW, TRANSMISSION COVER FLUSHING HOLE
53	12-22937		1,1,1,1,1,	WAHER, FLUSHING HOLE SCREW

# WATER PUMP CARTRIDGE, DRIVE SHAFT AND TRUNNION CARRIER ASMBL

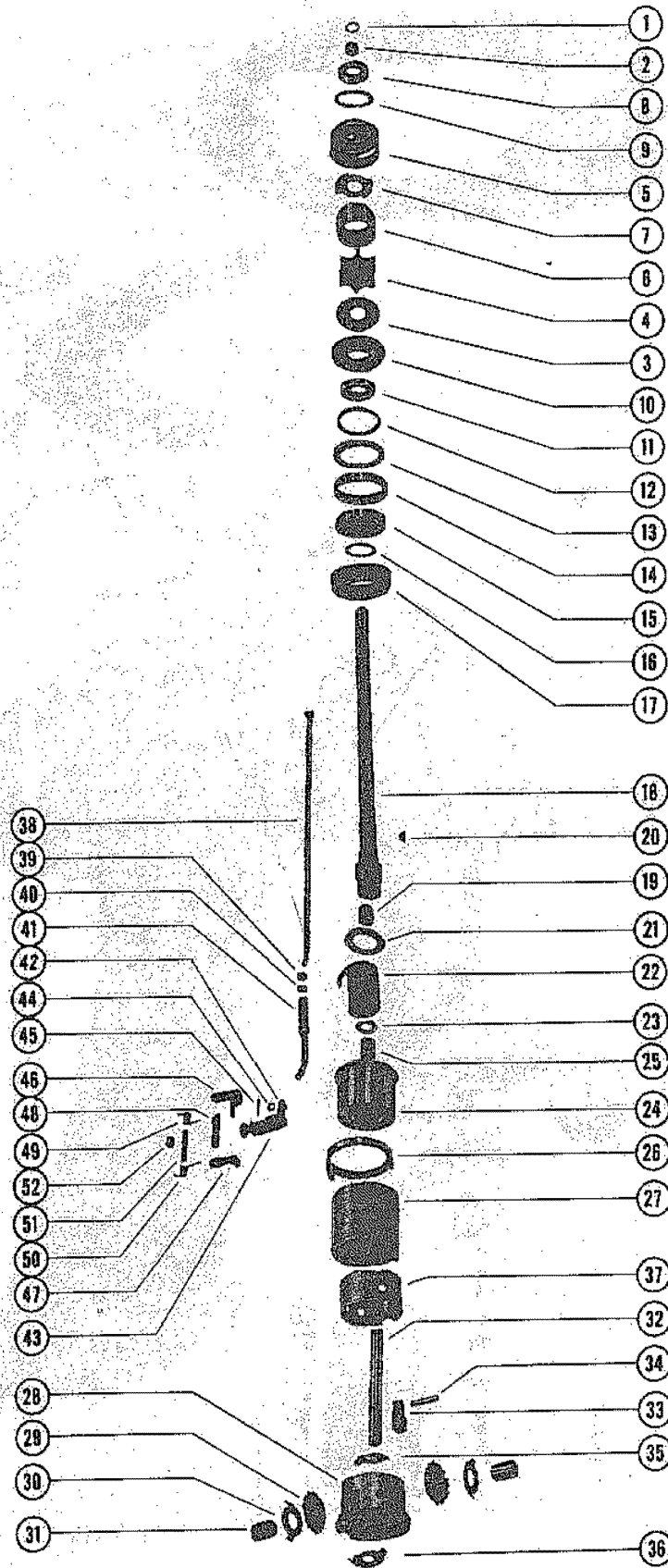


# WATER PUMP CARTRIDGE, DRIVE SHAFT AND TRUNNION CARRIER ASMBL

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	25-26802		1,1,1,1,1,	"O" RING, UPPER DRIVE SHAFT
2	12-20684		1,1,1,1,1,	SLINGER, CENTRIFUGAL
3	29436		1,1,1,1,1,	PLATE, TOP - WATER PUMP
4	47-26554		1,1,1,1,1,	IMPELLER, WATER PUMP
5	46-29445A1		1,1,1,1,1,	WATER PUMP CARTRIDGE ASSEMBLY
6	20811		1,1,1,1,1,	SLEEVE, WATER PUMP CARTRIDGE
7	29435		1,1,1,1,1,	PLATE, BOTTOM
8	26-20070		1,1,1,1,1,	OIL SEAL, WATER PUMP CARTRIDGE
9	25-29439		1,1,1,1,1,	"O" RING, WATER PUMP CARTRIDGE
10	29437A1		1,1,1,1,1,	SEAL RETAINER ASSEMBLY
11	26-26782		1,1,1,1,1,	OIL SEAL, RETAINER
12	25-20812		1,1,1,1,1,	RING, RUBBER - SEALING
13	12-29687		1,1,1,1,1,	"L" WASHER, WATER PUMP CARTRIDGE
14	26783		1,1,1,1,1,	SLEEVE, DRIVE SHAFT BALL BEARING
15	30-21776		1,1,1,1,1,	BEARING, BALL - UPPER DRIVE SHAFT
16	15-26728A1		OPT,OPT,OP	SHIM, BALL BEARING TO DRIVE SHAFT
17	53-29438		1,1,1,1,1,	RING, LOCK - WATER PUMP CARTRIDGE AND BEARING
18	45-29444A1		1,1,1,1,1,	DRIVE SHAFT ASSEMBLY(UPPER)
19	23-26660		1,1,1,1,1,	BUSHING, DRIVE SHAFT
20	28-28784		1,1,1,1,1,	KEY, DRIVE SHAFT
21	12-27988		1,1,1,1,1,	WASHER, CLUTCH RETAINING
22	24-27991		1,1,1,1,1,	SPRING, NEUTRAL
23	12-26835		1,1,1,1,1,	WASHER, THRUST - NEUTRAL SPRING
24	43-27994A1		1,1,1,1,1,	INPUT DRUM AND GEAR ASSEMBLY
25	23-26660		2,2,2,2,2,	BUSHING, INPUT GEAR AND DRUM
26	27995		1,1,1,1,1,	SLEEVE, REVERSE CONTROL -TRUNNION CARRIER
27	24-27021		1,1,1,1,1,	SPRING, FORWARD AND REVERSE - TRUNNION CARRIER
	27987A2		1,1,1,1,1,	TRUNNION CARRIER ASSEMBLY, COMPLETE
28	27987A1		1,1,1,1,1,	TRUNNION CARRIER ASSEMBLY
29	43-26688		2,2,2,2,2,	GEAR, IDLER
30	12-29447		2,2,2,2,2,	WASHER, THRUST - IDLER GEAR
31	27986		2,2,2,2,2,	SHAFT, IDLER GEAR TO CARRIER
32	28000		1,1,1,1,1,	SHAFT, PILOT - TRUNNION CARRIER
33	28-28002		1,1,1,1,1,	KEY, SPRING CLUTCH
34	29-26689		1,1,1,1,1,	PIN, ROLLER - KEY AND SHAFT HOLDING
35	12-26661		1,1,1,1,1,	WASHER, THURST - PILOT SHAFT (LOWER - .020)
36	12-29446		1,1,1,1,1,	WASHER, THRUST - PILOT SHAFT (UPPER - .031)
37	27992		1,1,1,1,1,	SLEEVE, TRUNNION CARRIER
38	27072		1,1,1,1,1,	SHAFT, UPPER SHIFT
39	11-20190		1,1,1,1,1,	NUT, PUSH LINK TO UPPER SHIFT SHAFT
40	11-20645		1,1,1,1,1,	NUT, ADJUSTING - SLEEVE LOCKING
41	29289A1		1,1,1,1,1,	SHIFT ROD ASSEMBLY, LOWER
42	27010		1,1,1,1,1,	SHAFT, CONTROL - TRANSMISSION

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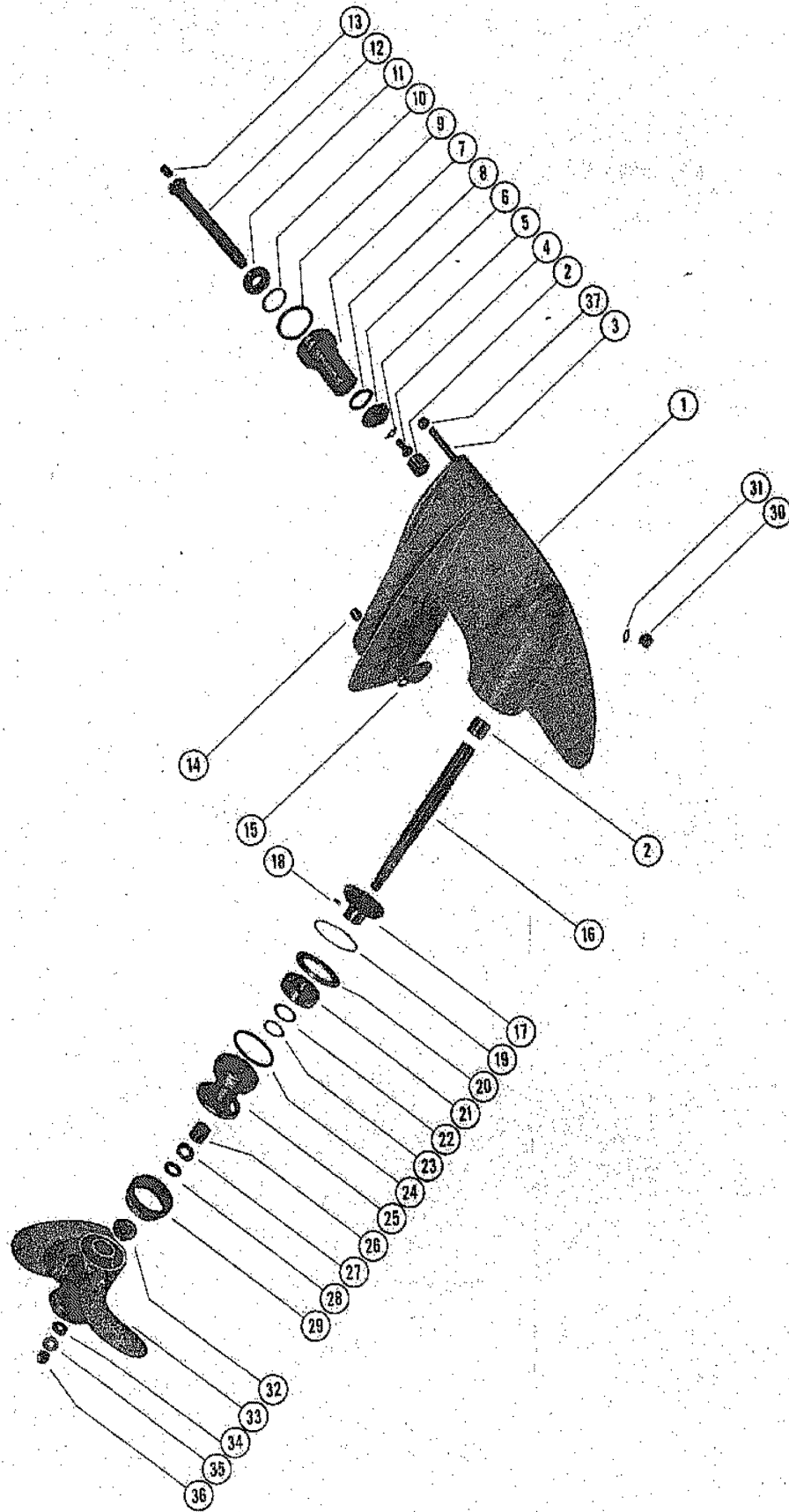
# WATER PUMP CARTRIDGE, DRIVE SHAFT AND TRUNNION CARRIER ASMBL



## WATER PUMP CARTRIDGE, DRIVE SHAFT AND TRUNNION CARRIER ASMBL

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
43	25-26834		1,1,1,1,1,	"O" RING, TRANSMISSION CONTROL SHAFT
44	13-27071		1,1,1,1,1,	WASHER, WAVE - LOWER SHIFT ROD
45	18-27789		1,1,1,1,1,	COTTER PIN, LOWER SHIFT ROD TO CONTROL SHAFT
46	27767		1,1,1,1,1,	PAWL, NEUTRAL
47	27766		1,1,1,1,1,	PAWL, REVERSE
48	27016		1,1,1,1,1,	SHAFT, NEUTRAL AND REVERSE PAWL
49	24-27014		1,1,1,1,1,	SPRING, NEUTRAL PAWL
50	24-27013		1,1,1,1,1,	SPRING, REVERSE PAWL
51	17-26926		1,1,1,1,1,	PIN, PAWL SPRING RETAINING
52	23-26927		1,1,1,1,1,	SPACER, CONTROL PAWL SPRING

# GEAR HOUSING ASSEMBLY

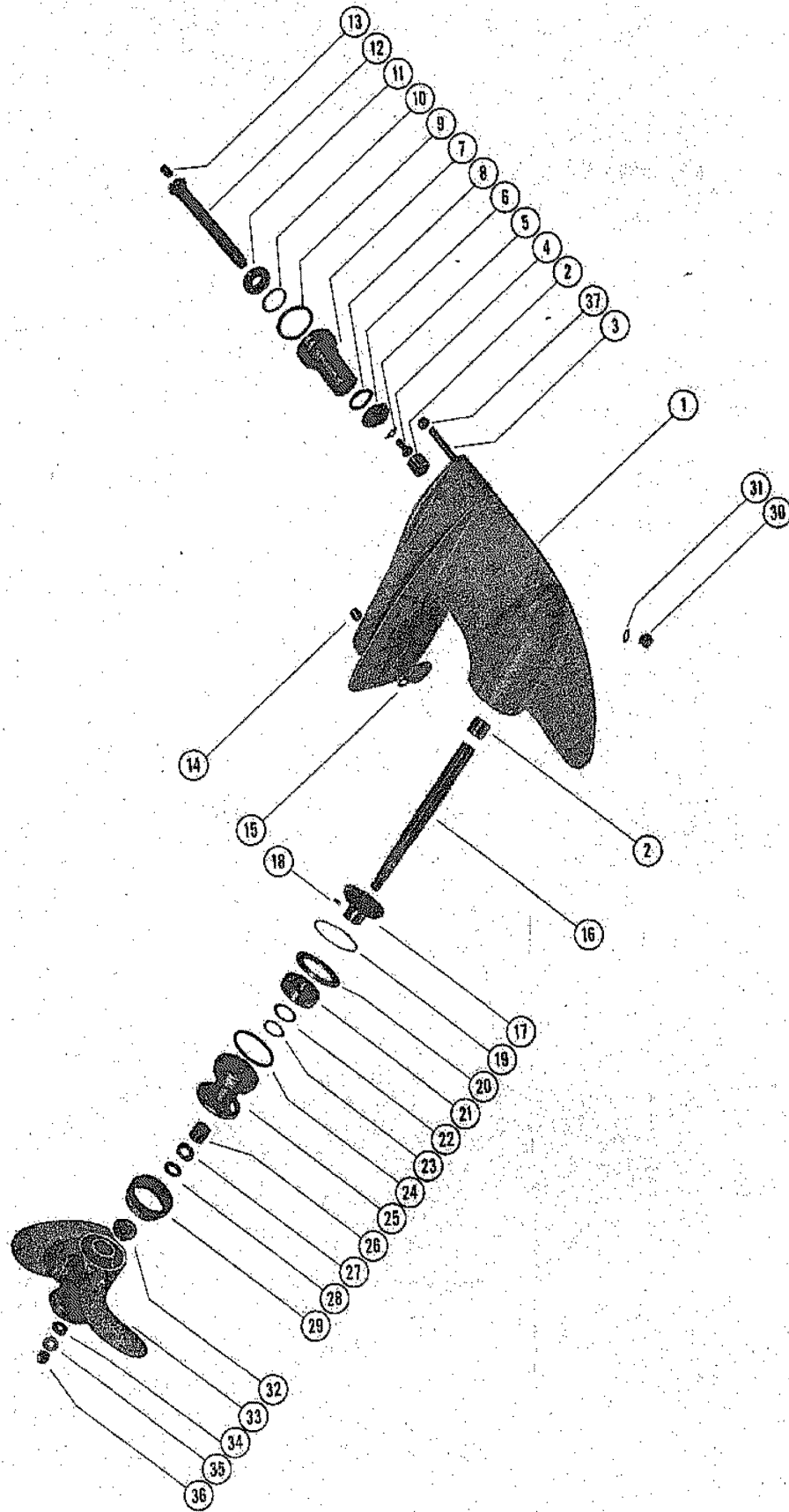


# GEAR HOUSING ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	1614-1440A3		1,1,1,1,1,	GEAR HOUSING ASSEMBLY, COMPLETE (LESS PROP.)
-	1614-1440A2		,,,,,,1,1,1	GEAR HOUSING ASSEMBLY, COMPLETE (LESS PROP.)
1	1614-1440A1		1,1,1,1,1,	GEAR HOUSING ASSEMBLY
2	31-28157		2,2,2,2,2,	BEARING, ROLLER - PROP AND DRIVE SHAFT
3	16-26809		1,1,1,1,1,	STUD, GEAR HOUSING TO DRIVE SHAFT HOUSING
4	10-21153		1,1,1,1,1,	SCREW, PINION GEAR TO DRIVE SHAFT
5	14-20806		1,1,1,1,1,	TAB WASHER, PINION GEAR SCREW
6	43-26312		1,1,1,1,1,	GEAR, PINION
	43-27997		,,,,,,1,1,1	GEAR, PINION
7	26315A1		1,1,1,1,1,	PILOT ASSEMBLY, GEAR HOUSING
8	25-26317		1,1,1,1,1,	"O" RING, PILOT ASSEMBLY (LOWER)
9	25-27018		1,1,1,1,1,	"O" RING, PILOT ASSEMBLY (UPPER)
10	15-21886A1		OPT,OPT,OP	SHIM, BALL BEARING TO PILOT
11	30-21776		1,1,1,1,1,	BEARING, BALL - PILOT AND DRIVE SHAFT
12	45-26694A1		1,1,1,1,1,	DRIVE SHAFT ASSEMBLY (LOWER)
13	23-26660		1,1,1,1,1,	BUSHING, DRIVE SHAFT
14	17-20201		1,1,1,1,1,	DOWEL, HOLLOW - DRIVE SHAFT HOUSING STUD
15	35-26314		1,1,1,1,1,	SCREEN, WATER INLET - GEAR HOUSING
16	44-26308		1,1,1,1,1,	SHAFT, PROPELLER
	44-28275		,,,,,,1,1,1	SHAFT, PROPELLER
17	43-26311		1,1,1,1,1,	GEAR, PROPELLER
	43-27998		,,,,,,1,1,1	GEAR, PROPELLER
18	17-21156		1,1,1,1,1,	PIN, PROPELLER GEAR TO SHAFT
19	15-26320A1		OPT,OPT,OP	SHIM, "L" WASHER TO GEAR HOUSING
20	12-26309		1,1,1,1,1,	"L" WASHER, BALL BEARING
21	30-20464		1,1,1,1,1,	BEARING, BALL - PROPELLER GEAR
22	15-21158A1		OPT,OPT,OP	SHIM, BALL BEARING TO SNAP RING
23	53-21159		1,1,1,1,1,	RING, SNAP - BALL BEARING TO PROPELLER GEAR
24	25-20311		1,1,1,1,1,	"O" RING, BEARING CARRIER ASSEMBLY
25	28460A1		1,1,1,1,1,	BEARING CARRIER ASSEMBLY
26	31-28157		1,1,1,1,1,	BEARING, ROLLER - BEARING CARRIER
27	26-27163		1,1,1,1,1,	OIL SEAL, BEARING CARRIER (SPRING LOADED)
28	26-26805		1,1,1,1,1,	OIL SEAL, BEARING CARRIER
29	26310		1,1,1,1,1,	COVER, GEAR HOUSING
30	10-28634		1,1,1,1,1,	SCREW, GREASE FILLER HOLE
31	12-20260		1,1,1,1,1,	WASHER, GREASE FILLER HOLD SCREW
32	23-27023		1,1,1,1,1,	COLLAR, PROPELLER SHAFT
33	48-26608A1		1,1,1,,,,,	PROPELLER ASSEMBLY
	48-28880A1		,,1,1,,,,,	PROPELLER ASSEMBLY

CONTINUED ON NEXT PAGE ➡

# GEAR HOUSING ASSEMBLY





## GEAR HOUSING ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
33	48-28036A1		,,,,1,1,1	PROPELLER ASSEMBLY
34	23-27024		1,1,1,1,1	SPACER, PROPELLER (SPLINED)
35	12-27025		1,1,1,1,1	WASHER, PROPELLER NUT
36	11-27687		1,1,1,1,1	NUT, PROPELLER
37	11-21528		3,3,3,3,3	NUT, GEAR HOUSING TO DRIVE SHAFT HOUSING STUDS

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
20119	PROTECTOR, SPARK PLUG	7	29	26566A6	THROTTLE CONTROL CAM ASSEMBLY	9	34
20155	RETAINER, STARTER SPRING	3	18	26566A8	THROTTLE CONTROL CAM ASSEMBLY	9	34
20157	SHAFT, SHEAVE	5	29	26711	PIVOT, STEERING HANDLE ADAPTOR TO BRACKET	23	27
20162	PAWL, STARTER	3	22	26769	BOLT, SWIVEL - MAGNETO CONTROL LEVER - EARLY MODELS	21	49
20164	PLATE, RETAINER - STARTER PAWL	3	28	26783	SLEEVE, DRIVE SHAFT BALL BEARING	41	14
20173	SHUTTER, CHOKE (NOT AS SHOWN)	15	3	26799	BRACKET, TOP COWL MOUNTING	27	50
20203	DISC, FRICTION - CLAMP PLATE AND SWIVEL BRACKET	35	37	26824	COVER, TRANSMISSION	39	48
20577	CUP, IDLE ADJUSTMENT SCREW	13	19	26836	LEVER, TOLL CONTROL	21	48
20623	MARKER, "TOP" - LEAD WIRE	7	20	26836	LEVER, TROLL CONTROL	37	27
20811	SLEEVE, WATER PUMP CARTRIDGE	41	6	26864	LEVER, TILT STOP	35	16
22477A4	THUMB SCREW ASSEMBLY	35	2	27010	SHAFT, CONTROL - TRANSMISSION	41	42
22789	"D" WASHER, SHORTING SWITCH LEAD FASTENING SCREW	25	33	27016	SHAFT, NEUTRAL AND REVERSE PAWL	43	48
22789	"O" WASHER, SHORTIN GSWITCH LEAD CLIP FASTENING SCREW	23	37	27036	LEVER, CHOKE (NOT AS SHOWN)	15	8
22833	ADAPTOR, CHECK UNIT	17	21	27072	SHAFT, UPPER SHIFT	41	38
22931A2	THROTTLE LEVER ASSEMBLY	15	1	27766	PAWL, REVERSE	43	47
22931A3	THROTTLE LEVER ASSEMBLY	15	1	27767	PAWL, NEUTRAL	43	46
22931A4	THROTTLE LEVER ASSEMBLY	15	1	27986	SHAFT, IDLER GEAR TO CARRIER	41	31
23004	RETAINER, CHECK VALVE	17	4	27987A1	TRUNNION CARRIER ASSEMBLY	41	28
23009A1	FUEL PUMP ASSEMBLY	17	1	27987A2	TRUNNION CARRIER ASSEMBLY, COMPLETE	41	27
23014	DIAPHRAGM, FUEL PUMP	17	7	27992	SLEEVE, TRUNNION CARRIER	41	37
23069	STEM, CHECK UNIT ADAPTOR	17	20	27995	SLEEVE, REVERSE CONTROL -TRUNNION CARRIER	41	26
23987	COVER, RUBVER - SHORTING SWITCH	23	32	28000	SHAFT, PILOT - TRUNNION CARRIER	41	32
25150	MOUNT, RUBBER (UPPER)	39	36	28041	COVER, TRIM - TOP COWL	3	8
25154	COVER, LOWER MOUNT	39	42	28074	COVER, EXHAUST MANIFOLD	25	26
25155	COVER, UPPER MOUNT	39	38	28075	LEVER, CHOKE (NOT AS SHOWN)	15	8
25678	MOUNT, RUBBER (UPPER)	39	36	28086	PLATE, BAFFLE - EXHAUST MANIFOLD	25	24
26092	ROD, REVERSE LOCK LEVER	35	30	28087	SHUTTER, CHOKE	15	3
26093A2	REVERSE LOCK LEVER ASSEMBLY	35	26	28089	BODY, SYNCHRONIZER	19	1
26174	COVER, TRANSFER PORT	27	41	28097	TUBE, STEERING HANDLE	23	8
26179	RETAINER, WAVE WASHER	3	25	28098	GRIP, RUBBER - STEERING HANDLE	23	5
26183A1	EMBLEM, TOP COWL PLAQUE	3	3	28099	SHAFT, REVERSE STOP	23	3
26183A1	EMBLEM, TOP COWL PLAQUE	3	3	28109	LEVER, CAM CONTROL	19	40
26183A5	EMBLEM, TOP COWL PLAQUE	3	3	28111	LEVER, MAGNETO CONTROL	19	19
26310	COVER, GEAR HOUSING	45	29	28112	ARM, TROLL CONTROL LEVER	21	44
26315A1	PILOT ASSEMBLY, GEAR HOUSING	45	7	28112	ARM, TROLL CONTROL LEVER	37	29
26558	CO-PILOT DISC	35	12				

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
28114	LEVER, ACTUATING - REVERSE LOCK LEVER (1/8" THICK) . . . . .	35	33	28823	SCREEN, VENT - TOP COWL	3	12
28118	FORK, ACTUATING - REVERSE LOCK LEVER . . . . .	35	28	28836A4	THROTTLE CONTROL CAM ASSEMBLY . . . . .	7	34
28119	COVER, EXHAUST RELIEF MUFFLER . . . . .	37	14	28836A6	THROTTLE CONTROL CAM ASSEMBLY . . . . .	7	34
28125	PLATE, CLAMP - CO-PILOT . . . . .	35	36	28884	MOUNT, RUBBER (LOWER)	39	40
28153	ECCENTRIC, PRIMARY DRIVE SHAFT . . . . .	19	11	28899	RETAINER, SOUND SEAL - AFT . . . . .	37	18
28213A1	LINK, PRIMARY TO MAGNETO CONTROL LEVER . . . . .	19	12	28900	RETAINER, SOUND SEAL - FORWARD . . . . .	37	19
28215	SHAFT, SUPPORT - PRIMARY DRIVE . . . . .	19	3	28932	BUMPER, RUBBER - SADDLE (UPPER) . . . . .	37	34
28216	BALL JOINT, NYLON - INPUT SHAFT . . . . .	19	5	29013	IDLE STOP, ADJUSTABLE . . . . .	9	39
28218A1	SHIFT CAM ASSEMBLY . . . . .	19	32	29082A1	LEVER, TOP COWL CLAMPING (PORT) . . . . .	37	21
28221	LEVER, DETENT . . . . .	19	33	29083A1	LEVER, TOP COWL CLAMPING (STARBOARD)	37	22
28226A1	ACTUATOR ASSEMBLY, SHIFT CAM . . . . .	19	13	29289A1	SHIFT ROD ASSEMBLY, LOWER . . . . .	41	41
28232	BOLT, TOGGLE-THROTTLE CONTROL CAM . . . . .	21	55	29359	LUBRICAP, SWIVEL BRACKET BRACKET GREASE FITTING . . . . .	35	25
28277	BLANKET, TOP COWL - FRONT AND SIDE . . . . .	3	10	29435	PLATE, BOTTOM . . . . .	41	7
28278	BLANKET, TOP COWL - REAR . . . . .	3	11	29436	PLATE, TOP - WATER PUMP	41	3
28281	MOUNT, RUBBER (LOWER)	39	40	29437A1	SEAL RETAINER ASSEMBLY	41	10
28334	BUMPER, RUBBER - SADDLE (LOWER) . . . . .	39	44	29518	ADAPTOR, HANDLE . . . . .	23	15
28353	PLATE, CLUTCH - REAR . . . . .	19	23	29797	STOP, MAGNETO ADVANCE	9	48
28354	CAM, CONTROL LEVER . . . . .	19	22	29799	RING, MAGNETO HOLD DOWN . . . . .	25	17
28355	PLATE, CLUTCH - FRONT . . . . .	19	27	29819A1	PLAQUE ASSEMBLY, TOP COWL (NOT AS SHOWN)	3	2
28356	PLATE, CLUTCH RETAINING (NOT REQUIRED ON LATER ENGINES) . . . . .	19	28	29833	SOUND SEAL, DRIVE SHAFT HOUSING . . . . .	37	17
28367	ROD, MAGNETO CONTROL	21	52	29897A1	PLAQUE ASSEMBLY, TOP COWL (NOT AS SHOWN)	3	2
28368	LINK, ADJUSTING - MAGNETO CONTROL ROD - EARLY MODELS . . . . .	21	50	30014	SHUTTER, CHOKE (NOT AS SHOWN) . . . . .	15	3
28460A1	BEARING CARRIER ASSEMBLY . . . . .	45	25	30046	STOP, MAGNETO ADVANCE	9	48
28480A2	CONTROL SHAFT ASSEMBLY . . . . .	23	20	30188	CUP WASHER, ADAPTOR . . . . .	17	17
28664	LINK, PUSH - UPPER SHIFT SHAFT . . . . .	35	35	30205	BRACKET, STEERING ARM	23	23
28675	LINK, DRAG - TROLL CONTROL . . . . .	19	41	30212	TERMINAL BLOCK, EXHAUST MANIFOLD COVER . . . . .	25	29
28702A1	STEERING HANDLE ASSEMBLY . . . . .	23	1	30235	YOKE, STEERING HANDLE . . . . .	23	13
28702A2	STEERING HANDLE ASSEMBLY, COMPLETE . . . . .	23	-	30244	SHORTING SWITCH ASSEMBLY . . . . .	23	30
28747	HANDLE, STARTER CABLE . . . . .	5	33	30260	TERMINAL, SHORTING SWITCH LEAD . . . . .	23	33
28805	MOUNT, RUBBER - TOP COWL (CYLINDER BLOCK COVER) . . . . .	25	37	30269A2	FUEL PUMP ASSEMBLY (SEE NOTE BELOW) . . . . .	17	1
28805	MOUNT, RUBBER - TOP COWL MOUNTING BRACKET . . . . .	27	52	30280	STOP, MAGNETO ADVANCE	9	48
				31100A1	PLAQUE ASSEMBLY, TOP COWL . . . . .	3	2
				31100A2	PLAQUE ASSEMBLY, TOP COWL . . . . .	3	2
				31100A3	PLAQUE ASSEMBLY, TOP COWL . . . . .	3	2
				31428	LINK, ADJUSTING - MAGNETO CONTROL ROD - LATE MODELS . . . . .	21	50

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
31816	LEVER, CHOKE . . . . .	15	8	10-23030	SCREW, PLUG - IDLE TUBE	13	32
32032	COVER, TRANSFER PORT - LOWER . . . . .	27	43	10-23035	SCREW AND LOCKWASHER, THROTTLE SHUTTER . . .	13	30
32033	COVER, TRANSFER PORT - UPPER . . . . .	27	42	10-23035	SCREW AND LOCKWASHER, THROTTLE SHUTTER . . .	13	30
10-20037	SCREW, RETAINER TO HOUSING . . . . .	17	5	10-23178	SCREW, PLUG - MAIN NOZZLE . . . . .	11	17
10-20060	SCREW, CONNECTING ROD	31	2	10-23976	SCREW, BRAKER CONNECTION . . . . .	7	13
10-20100	SCREW, REED STOP MOUNTING . . . . .	29	12	10-23977	SCREW, BREAKER FASTENING . . . . .	7	10
10-20217	SCREW, ANCHOR - TILT STOP LEVER . . . . .	35	17	10-23977	SCREW, LEAD WIRE CLAMP (SHORT) . . . . .	7	24
10-20540	SCREW, PORT COVER TO CYLINDER BLOCK . . . . .	27	47	10-25299	SCREW, CRANKCASE TOP FASTENING . . . . .	27	48
10-20542	SCREW, RUBBER BUMPER TO SADDLE . . . . .	39	45	10-25313	SCREW, CENTER MAIN BEARING CLAMPING (9/16) . . . . .	29	8
10-20578	SCREW, CHOKE SHUTTER TO CARBURETOR . . . . .	15	5	10-25822	SCREW, STRAINER COVER FASTENING . . . . .	13	29
10-20597	SCREW, THROTTLE LEVER TO CARBURETOR . . . . .	15	2	10-25850	SCREW, FLOAT BOWL COVER (LONG) . . . . .	13	24
10-20616	SCREW, THROTTLE CAM TO STATOR PLATE (SHORT)	9	36	10-26066	SCREW, CRANKCASE TO CYLINDER BLOCK (1-1/4")	27	57
10-20653	SCREW, COVER TO CYLINDER BLOCK . . . . .	27	39	10-26132	SCREW, CRANKCASE TO CYLINDER BLOCK (2-1/2")	27	59
10-20738	SCREW, ADJUSTMENT - MAGNETO ADVANCE STOP . . . . .	9	49	10-26184	SCREW, CENTER MAIN BEARING CLAMPING (9/16) . . . . .	29	8
10-20847	SCREW, THROTTLE STOP LEVER . . . . .	11	8	10-26184	SCREW, CENTER MAIN BEARING CLAMPING (9/16) . . . . .	29	8
10-20854	SCREW, FLOAT BOWL COVER (SHORT) . . . . .	13	23	10-26774	SCREW, CONTROL SHAFT TO STEERING BRACKET	23	21
10-20870	SCREW, PLUG - BODY CHANNEL . . . . .	13	35	10-26801	SCREW, CENTER MAIN BEARING LOCK . . . . .	27	54
10-21091	SCREW, CHECK UNIT ADAPTOR TO STEERING BRACKET . . . . .	17	22	10-28018	SCREW, CHOKE SHUTTER TO CARBURETOR (NOT AS SHOWN) . . . . .	15	5
10-21091	SCREW, HANDLE ADAPTOR CLAMPING . . . . .	23	16	10-28156	SCREW, TRIM COVER TO TOP COWL . . . . .	3	9
10-21130	SCREW, GROUND TERMINAL . . . . .	7	6	10-28192	SCREW, TERMINAL BLOCK TO EXHAUST MANIFOLD COVER . . . . .	25	30
10-21136	SCREW, CONDENSER FASTENING . . . . .	7	15	10-28249	SCREW, SET - ARM TO TROLL CONTROL LEVER	21	46
10-21139	SCREW, LEAD WIRE CLAMP (LONG) . . . . .	7	25	10-28249	SCREW, SET - ARM TO TROLL CONTROL LEVER	37	31
10-21153	SCREW, PINION GEAR TO DRIVE SHAFT . . . . .	45	4	10-28405	SCREW, PLUG - MAIN FUEL JET CHANNEL . . . . .	11	14
10-21259	SCREW, STEERING BRACKET TO SADDLE (1-1/2") . . . . .	23	24	10-28425	SCREW, ACTUATOR TO PRIMARY DRIVE SHAFT .	19	17
10-21449	SCREW, CRANKCASE TO CYLINDER BLOCK (2") . .	27	58	10-28515	SCREW, CO-PILOT DISC TO SADDLE . . . . .	35	13
10-21548	SCREW, IDLE STOP TO TOP COWL BRACKET . . . . .	9	40	10-28592	SCREW, HANDLE PIVOT FASTENING . . . . .	23	29
10-21602	SCREW, THROTTLE CAM TO STATOR PLATE (LONG) .	9	37	10-28634	SCREW, GEAR HOUSING VENT . . . . .	39	50
10-21807	SCREW, STEERING BRACKET TO SADDLE (1-3/4") . . . . .	23	25	10-28634	SCREW, GREASE FILLER HOLE . . . . .	45	30
10-22486	SCREW, CENTER MAIN BEARING CLAMPING (7/8)	29	8				

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Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
10-28635	SCREW, MANIFOLD COVER TO CYLINDER BLOCK (LOWER REAR) . . . . .	25	28	10-30009	SCREW, SHORTING SWITCH LEAD CLIP FASTENING . .	23	38
10-28635	SCREW, PORT COVER TO CYLINDER BLOCK . . . . .	27	47	10-30009	SCREW, SHORTING SWITCH LEAD CLIP FASTENING . .	25	34
10-28636	SCREW, MANIFOLD COVER TO CYLINDER BLOCK . . . . .	25	27	10-30009	SCREW, SHORTING SWITCH LEAD TO TERMINAL BLOCK . . . . .	25	31
10-28637	SCREW, LOWER MOUNT COVER RETAINING . . . . .	39	43	10-30095	SCREW, ADJUSTMENT - MAGNETO ADVANCE STOP . . . . .	9	49
10-28637	SCREW, UPPER MOUNT COVER RETAINING . . . . .	39	39	10-30429	SCREW, SEALING COVER FASTENING . . . . .	7	8
10-28638	SCREW, TRANSMISSION COVER FLUSHING HOLE	39	52	10-30663	SCREW, SHORTING SWITCH LEAD TO TERMINAL BLOCK . . . . .	25	31
10-28639	SCREW, TRANSMISSION COVER TO DRIVE SHAFT HOUSING . . . . .	39	49	10-31206	SCREW, EXHAUST RELIEF MUFFLER COVER . . . . .	37	16
10-28642	SCREW, DRIVE - SERIAL PLATE TO SWIVEL BRACKET (TAPERED) . . . . .	35	40	10-31206	SCREW, SCREEN TO TOP COWL . . . . .	3	13
10-28663	SCREW, CONTROL SHAFT TO STEERING BRACKET	23	21	10-31206	SCREW, SHORTING SWITCH LEAD CLIP FASTENING . .	23	38
10-28674	SCREW, DRAG LINK TO TROLL ARM AND CAM LEVER . . . . .	21	42	10-31206	SCREW, SHORTING SWITCH LEAD CLIP FASTENING . .	25	34
10-28712	SCREW, FUEL PUMP MOUNTING(1-5/8) . . . . .	17	9	10-32089	SCREW, DRIVE - WATER PUMP CARTRIDGE . . . . .	37	3
10-28782	SCREW, COWL MOUNTING BRACKET TO CRANKCASE . . . . .	27	51	10-34697	BOLT, SWIVEL - MAGNETO CONTROL LEVER - LATE MODELS . . . . .	21	49
10-28802	SCREW, HOLD DOWN RING TO CRANKCASE TOP . . . . .	25	18	11-20061	NUT, CONNECTING ROD SCREW . . . . .	31	4
10-28845	SCREW, PLUG - BODY CHANNEL . . . . .	13	35	11-20083	NUT, CARBURETOR MOUNTING STUD . . . . .	13	37
10-28942	SCREW, RUBBER BUMPER TO SADDLE . . . . .	37	35	11-20083	NUT, CLAMP BRACKET STUD . . . . .	35	7
10-29072	SCREW, MOUNTING BRACKET TO TOP COWL	3	16	11-20083	NUT, RUBBER MOUNT TO BRACKET . . . . .	27	53
10-29197	SCREW, SYNCHRONIZER BODY TO DRIVE SHAFT HOUSING . . . . .	19	18	11-20083	NUT, RUBBER MOUNT TO COVER . . . . .	27	38
10-29201	SCREW, CLAMP PLATE TO SWIVEL BRACKET . . . . .	35	38	11-20110	NUT, CLUTCH RETAINING PLATE STUD . . . . .	19	31
10-29237	SCREW, RETAINING - LEVER TO SWIVEL BRACKET . . . . .	35	19	11-20166	NUT, SHEAVE SHAFT(LEFT HAND THREAD) . . . . .	5	31
10-29246	SCREW, FUEL PUMP MOUNTING (1-5/8) . . . . .	17	8	11-20190	NUT, PUSH LINK TO UPPER SHIFT SHAFT . . . . .	41	39
10-29248	SCREW, HOLD DOWN CLIP TO MAGNETO . . . . .	9	44	11-20361	NUT, HANDLE ADAPTOR CLAMPING SCREW . . . . .	23	17
10-29256	SCREW, COWL MOUNTING BRACKET TO CRANKCASE . . . . .	27	51	11-20586	NUT, CHOKE LEVER FASTENING . . . . .	15	9
10-29465	SCREW, REED STOP MOUNTING . . . . .	29	12	11-20586	NUT, HANDLE ADAPTOR CLAMPING SCREW . . . . .	23	18
10-29942	SCREW, CRANKCASE TO CYLINDER BLOCK (2-1/4")	27	56	11-20586	NUT, TOGGLE BOLT FASTENING . . . . .	21	57
10-30009	SCREW, EXHAUST RELIEF MUFFLER COVER . . . . .	37	16	11-20645	NUT, ADJUSTING - SLEEVE LOCKING . . . . .	41	40
10-30009	SCREW, SCREEN TO TOP COWL . . . . .	3	13	11-20645	NUT, LOCK - ADJUSTING LINK . . . . .	21	53
				11-21528	NUT, DRIVE SHAFT HOUSING TO GEAR HOUSING STUD . . . . .	37	6

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Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
11-22339	NUT, FLYWHEEL	9	47	12-20533	WASHER, HARNESS CLAMP SCREW	27	46
11-22948	NUT, FITTING	17	15	12-20546	WASHER, SHIFT CAM SHAFT	19	36
11-24652	NUT, CARBURETOR MOUNTING STUD	13	37	12-20583	WASHER, CONTROL LEVER TO BODY	19	24
11-24652	NUT, CENTER MAIN BEARING CLAMPING SCREW	29	9	12-20684	SLINGER, CENTRIFUGAL	41	2
11-24652	NUT, CYLINDER BLOCK COVER FASTENING SCREW	27	40	12-21135	WASHER, BREAKER FASTENING SCREW	7	11
11-24652	NUT, IDLE STOP SCREW	9	42	12-21135	WASHER, LEAD WIRE CLAMP SCREW	7	26
11-24652	NUT, POWERHEAD TO DRIVE SHAFT HOUSING	37	7	12-22937	WASHER, FLUSHING HOLE SCREW	39	53
11-24652	NUT, REAR BRACKET FASTENING SCREWS	23	26	12-26014	WASHER, SWIVEL BOLT TO ADJUSTING LINK - LATE MODELS	21	51
11-24652	NUT, TILT STOP LEVER SCREW	35	21	12-26178	WASHER, NEEDLE BEARING RETAINING (1/32")	31	5
11-24656	NUT, REED STOP MOUNTING SCREW	29	13	12-26180	WASHER, WAVE WASHER RETAINER	3	26
11-25599	NUT, CLAMP BRACKET STUD FASTENING	35	11	12-26309	"L" WASHER, BALL BEARING	45	20
11-27164	NUT, MOUNTING BRACKET SCREW	3	17	12-26661	WASHER, THURST - PILOT SHAFT (LOWER - .020)	41	35
11-27687	NUT, PROPELLER	47	36	12-26825	WASHER, CLAMPING LEVER SHAFT - SEE NOTE BELOW	37	26
11-28941	NUT, ADAPTOR FASTENING SCREW	17	24	12-26835	WASHER, THRUST - NEUTRAL SPRING	41	23
11-29250	NUT, CRANKCASE FASTENING SCREW	27	60	12-27025	WASHER, PROPELLER NUT	47	35
11-29469	NUT, CENTER MAIN BEARING CLAMPING SCREW	29	9	12-27149	WASHER, NYLON - BLANKET TO EMBLEM RIVET	3	4
11-29469	NUT, REED STOP MOUNTING SCREW	29	13	12-27149	WASHER, NYLON - FRONT PLAQUE TO TOP COWL	3	4
11-29798	NUT, ADJUSTMENT STOP SCREW	9	50	12-27988	WASHER, CLUTCH RETAINING	41	21
12-20028	6WASHER, RUBBER BUMPER FASTENING SCREW	39	46	12-28105	WASHER, REVERSE SHAFT	23	4
12-20028	WASHER, ADAPTOR FASTENING SCREW	17	23	12-28121	WASHER, NEEDLE BEARING RETAINING (1/16")	31	5
12-20028	WASHER, CAM MOUNTING SCREW (LONG)	9	38	12-28463	WASHER, ACTUATOR FASTENING SCREW	19	15
12-20028	WASHER, IDLE STOP FASTENING SCREW	9	41	12-28518	WASHER, SPACING - RUBBER MOUNT STUD	27	37
12-20084	WASHER, STEERING HANDLE SHAFT	23	10	12-28518	WASHER, SPACING - RUBBER MOUNT STUD	27	52
12-20214	WASHER, THUMB SCREW	35	3	12-29446	WASHER, THRUST - PILOT SHAFT (UPPER - .031)	41	36
12-20260	WASHER, GEAR HOUSING VENT SCREW	39	51	12-29447	WASHER, THRUST - IDLER GEAR	41	30
12-20260	WASHER, GREASE FILLER HOLD SCREW	45	31	12-29687	"L" WASHER, WATER PUMP CARTRIDGE	41	13
12-20346	WASHER, TRANSFER PORT COVER SCREW	27	44	13-20160	WASHER, WAVE - STARTER SHEAVE TENSION	3	27
12-20413	WASHER, WATER INLET TUBE LOCATION	37	12	13-21134	LOCKWASHER, BREAKER FASTENING SCREW	7	12
12-20533	WASHER, CHOKE LEVER STUD	15	--	13-21134	LOCKWASHER, CONDENSER FASTENING SCREW	7	16
12-20533	WASHER, CHOKE LEVER STUD	15	--	13-21134	LOCKWASHER, LEAD WIRE CLAMP SCREW	7	27

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13-21144	LOCKWASHER, CORE FASTENING SCREW . . . .	7	4	16-26324	STUD, DRIVE SHAFT HOUSING TO GEAR HOUSING . . . . .	37	4
13-25906	WASHER, WAVE - TROLL CONTROL LEVER . . . . .	21	45	16-26776	STUD, DRIVE SHAFT HOUSING TO GEAR HOUSING . . . . .	37	5
13-25906	WASHER, WAVE - TROLL LEVER ARM . . . . .	37	30	16-26809	STUD, GEAR HOUSING TO DRIVE SHAFT HOUSING .	45	3
13-26993	LOCKWASHER, CLAMP BRACKET STUD . . . . .	35	6	16-27037	STUD, CHOKE LEVER . . . .	15	6
13-27071	WASHER, WAVE - LOWER SHIFT ROD . . . . .	43	44	16-29977	STUD, CLUTCH RETAINING PLATE TO CAM . . . . .	19	30
13-27071	WASHER, WAVE - SHIFT CAM PIN . . . . .	19	38	17-20032	DOWEL PIN, CENTER MAIN BEARING . . . . .	29	7
13-29402	WASHER, WAVE - CHOKE LEVER STUD . . . . .	15	7	17-20032	DOWEL PIN, CENTER MAIN BEARING . . . . .	29	7
13-29402	WASHER, WAVE - STARTER PAWL . . . . .	3	23	17-20032	DOWEL PIN, MAIN BEARING TO CYLINDER BLOCK . . .	29	14
13-29402	WASHER, WAVE - TOGGLE BOLT . . . . .	21	56	17-20201	DOWEL, HOLLOW - DRIVE SHAFT HOUSING STUD .	45	14
14-20091	TAB WASHER, BEARING LOCK SCREW . . . . .	27	55	17-20853	PIN, FLOAT LEVER PINION .	11	3
14-20165	TAB WASHER, SHEAVE SHAFT NUT . . . . .	5	30	17-21156	PIN, PROPELLER GEAR TO SHAFT . . . . .	45	18
14-20747	TAB WASHER, TOP FASTENING SCREW . . . .	27	49	17-22531	ROLL PIN, ACTUATING LEVER . . . . .	35	34
14-20806	TAB WASHER, PINION GEAR SCREW . . . . .	45	5	17-23784	DOWEL PIN, CRANKCASE TO CYLINDER BLOCK . . .	25	6
14-26706	TAB WASHER, YOKE PIN HOLDING . . . . .	23	12	17-26540	SWIVEL PIN . . . . .	35	14
15-20473A1	SHIM, RETAINING SCREW .	35	20	17-26541	ROLL PIN, SWIVEL PIN TO SADDLE . . . . .	35	15
15-20514A1	SHIM, BALL BEARING TO CRANKCASE TOP . . . . .	25	11	17-26862	PIN, YOKE TO STEERING HANDLE SHAFT . . . . .	23	14
15-21158A1	SHIM, BALL BEARING TO SNAP RING . . . . .	45	22	17-26926	PIN, PAWL SPRING RETAINING . . . . .	43	51
15-21886A1	SHIM, BALL BEARING TO PILOT . . . . .	45	10	17-28235	PIN, BALL JOINT TO INPUT AND SUPPORT SHAFT . .	19	6
15-25600A1	SHIM, CLAMP BRACKET STUD . . . . .	35	10	17-28673	PIN, ANCHOR - TROLL CONTROL ARM . . . . .	21	43
15-26320A1	SHIM, "L" WASHER TO GEAR HOUSING . . . . .	45	19	17-28848A2	TILT LOCK PIN ASSEMBLY .	35	8
15-26707	SHIM, ADAPTOR PIVOT TO BRACKER (.015) . . . . .	23	28	17-29077	ROLL PIN, CLAMPING LEVER (5/32 X 3/4) . . . .	37	24
15-26728A1	SHIM, BALL BEARING TO DRIVE SHAFT . . . . .	41	16	17-29452	ROLL PIN, WATER PUMP CARTRIDGE . . . . .	37	2
15-26931	SHIM, SPACER TO CRANKCASE TOP (.015) .	25	15	18-20180	COTTER PIN, CLAMPING LEVER HOLDING - SEE NOTE BELOW . . . . .	37	26
15-28485	SHIM, ADAPTOR TO STEERING ARM BRACKET	23	22	18-20209	COTTER PIN, REVERSE LOCK LEVER TO ROD . . .	35	31
16-20074	STUD, CRANKCASE TO CARBURETOR . . . . .	25	5	18-21071	COTTER PIN, SHIFT CAM SHAFT TO BODY . . . . .	19	37
16-20657	STUD, CLAMP BRACKET . .	35	4	18-26953	COTTER PIN, ACTUATING FORK TO REVERSE LOCK LEVER . . . . .	35	29
16-20956	STUD, CRANKCASE TO DRIVE SHAFT HOUSING .	25	4	18-26953	COTTER PIN, UPPER SHIFT SHAFT TO SHIFT CAM . .	19	39
16-20990	STUD, CYLINDER BLOCK TO DRIVE SHAFT HOUSING .	25	2	18-27769	COTTER PIN, ADJUSTING LINK TO SWIVEL BOLT . .	21	54
16-23740	STUD, CRANKCASE TO CARBURETOR . . . . .	25	5	18-27769	COTTER PIN, ADJUSTING LINK TO SWIVEL BOLT . .	21	54
16-25674	STUD, CLAMP BRACKET TO SWIVEL BRACKET . . . . .	35	9	18-27789	COTTER PIN, LOWER SHIFT ROD TO CONTROL SHAFT	43	45
16-25734	STUD, CYLINDER BLOCK TO DRIVE SHAFT HOUSING .	25	3				

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18-28365	COTTER PIN, LOCK - CONTROL LEVER TO CAM	19	25	23-26927	SPACER, CONTROL PAWL SPRING	43	52
19-20011	WELCH PLUG, BODY CHANNEL	13	34	23-27023	COLLAR, PROPELLER SHAFT	45	32
19-20011	WELCH PLUG, CRANKCASE CHECK VALVE	25	8	23-27024	SPACER, PROPELLER (SPLINED)	47	34
19-29568	PLUG, PLASTIC - DRIVE SHAFT HOUSING	37	2	23-28039	SPACER, CHOKE SHUTTER	15	2
19-29900	PLUG, PLASTIC - FLYWHEEL SCREW HOLES	9	51	23-28100	BUSHING, NYLON - HANDLE SHAFT (5/16")	23	9
21-27146A1	CHECK VALVE ASSEMBLY, CRANKCASE	25	7	23-28104	BUSHING, NYLON - HANDLE SHAFT (3/4")	23	7
21-30430	VALVE, CHECK	17	3	23-28135	SLEEVE, RUBBER - WATER INLET TUBE	37	10
22-22946	SLEEVE, RUBBER	17	14	23-28247	BUSHING, NYLON - SUPPORT SHAFT TO BODY (7/8")	19	2
22-22995	FITTING, FUEL PUMP FITTING TO FUEL LINE	17	13	23-28352	BUSHING, NYLON - SYNCHRONIZER BODY (1")	19	26
22-23125	FITTING, FUEL PUMP INLET	17	12	23-28462	SPACER, ACTUATOR FASTENING SCREW	19	16
22-23125	FITTING, FUEL PUMP OUTLET	17	11	23-28478	SLEEVE, INNER - INPUT SHAFT	19	8
22-23612	FITTING, GREASE - SWIVEL PIN (1/8 - 27) (SEE NOTE)	35	24	23-29736	SLEEVE, PROTECTOR - CRANKSHAFT	25	21
22-25443	FITTING, FUEL PUMP OUTLET	17	11	23-29736	SLEEVE, PROTECTOR - CRANKSHAFT	29	4
22-31345	FITTING, GREASE - SWIVEL PIN (1/4 - 28) (SEE NOTE)	35	24	23-30419	SLEEVE, GROUND LEAD INSULATION	7	31
23-20158	SPACER, SHEAVE SHAFT	3	24	23-31293	BUSHING, RUBBER CLAMPING LEVER	37	25
23-20159	BUSHING, SPRING GUIDE	3	20	24-20579	SPRING, CHOKE SHUTTER	15	4
23-20216	SPACER, TILT STOP LEVER SCREW	35	18	24-20869	SPRING, THROTTLE SHAFT RETURN	11	11
23-20571	BUSHING, RUBBER - INPUT SHAFT	19	7	24-23067	SPRING, ADAPTOR STEM	17	18
23-20658	SPACER, CLAMP BRACKET STUD	35	5	24-26703	SPRING, STEERING HANDLE SHAFT	23	11
23-25217	BUSHING, LEAD WIRE (STARBOARD SIDE)	7	22	24-27013	SPRING, REVERSE PAWL	43	50
23-25915	BUSHING, RUBBER - CLAMPING LEVER	37	25	24-27014	SPRING, NEUTRAL PAWL	43	49
23-26560	SPACER, THROTTLE CAM	9	35	24-27021	SPRING, FORWARD AND REVERSE - TRUNNION CARRIER	41	27
23-26563	SPACER, HOLD DOWN RING TO CRANKCASE TOP	25	16	24-27087	SPRING, HOLD DOWN CLIP SCREW	9	45
23-26660	BUSHING, DRIVE SHAFT	41	19	24-27160	SPRING, IDLE ADJUSTMENT SCREW	11	18
23-26660	BUSHING, DRIVE SHAFT	45	13	24-27991	SPRING, NEUTRAL	41	22
23-26660	BUSHING, INPUT GEAR AND DRUM	41	25	24-28101	SPRING, REVERSE SHAFT TENSION	23	2
23-26819	BUSHING, NYLON - CLAMPING LEVER TO HOUSING	37	26	24-28184	SPRING, REVERSE LOCK LEVER	35	27
23-26841	BUSHING, NYLON - MAGNETO CONTROL LEVER	19	20	24-28233	SPRING, TENSION - DETENT LEVER	19	34
23-26841	BUSHING, NYLON - REVERSE LOCK LEVER ROD	35	32	24-28234	SPRING, INPUT SHAFT	19	10
23-26841	BUSHING, NYLON - SHIFT CAM SHAFT (5/16")	19	35	24-28357	SPRING, CLUTCH PLATE TENSION	19	29
23-26841	BUSHING, NYLON - TROLL CONTROL ELVER	21	47	24-29340A1	SPRING, STARTER REWIND	3	19
23-26841	BUSHING, NYLON - TROLL CONTROL LEVER	37	28	24-30247A1	SPRING AND CONTACT ASSEMBLY	23	31



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25-20415	"O" RING, ADAPTOR STEM	17	19	27-26173	GASKET, CYLINDER BLOCK COVER	25	35
25-20812	RING, RUBBER - SEALING	41	12	27-26175	GASKET, TRANSFER PORT COVER (NOT AS SHOWN)	27	41
25-22174	"O" RING, WATER INLET TUBE	37	11	27-26818	GASKET, TRANSMISSION COVER	39	47
25-25429	"O" RING, CRANKCASE FASTENING SCREW	27	61	27-26891	GASKET, CARBURETOR FLANGE	13	36
25-26317	"O" RING, PILOT ASSEMBLY (LOWER)	45	8	27-28085	GASKET, CYLINDER BLOCK TO BAFFLE PLATE	25	23
25-26802	"O" RING, UPPER DRIVE SHAFT	41	1	27-28090	GASKET, BAFFLE PLATE TO MANIFOLD COVER	25	25
25-26834	"O" RING, TRANSMISSION CONTROL SHAFT	43	43	27-28120	GASKET, EXHAUST RELIEF MUFFLER COVER	37	15
25-27018	"O" RING, PILOT ASSEMBLY (UPPER)	45	9	27-28132	GASKET, POWERHEAD TO DRIVE SHAFT HOUSING	37	13
25-29051	GROMMET, GROUND LEAD THRU STATOR PLATE	7	32	27-28406	GASKET, JET CHANNEL PLUG SCREW	11	15
25-29316	"O" RING, SWIVEL BRACKET - SWIVEL PIN	35	23	27-28409	GASKET, MAIN FUEL JET	11	13
25-29439	"O" RING, WATER PUMP CARTRIDGE	41	9	27-28448	GASKET, TOP COWL MOUNTING BRACKET	3	15
25-29845	"O" RING, CRANKSHAFT PROTECTOR SLEEVE	25	22	27-32025	GASKET, TRANSFER PORT COVER	27	41
25-29845	"O" RING, PROTECTOR SLEEVE	29	5	28-20094	KEY, FLYWHEEL	9	46
25-30226	GROMMET, RUBBER - SHORTING SWITCH LEADS THRU BRACKET	23	35	28-20094	KEY, FLYWHEEL	29	15
25-30258	GROMMET, RUBBER - SHORTING SWITCH LEAD HOLE	37	32	28-28002	KEY, SPRING CLUTCH	41	33
25-31932	"O" RING, CRANKCASE (UPPER)	25	14	28-28784	KEY, DRIVE SHAFT	41	20
26-20070	OIL SEAL, WATER PUMP CARTRIDGE	41	8	29-20046	BEARING, NEEDLE - CRANKPIN	31	3
26-20465	OIL SEAL, CRANKCASE (LOWER)	25	20	29-20063	BEARING, NEEDLE - PISTON PIN	31	6
26-20465	OIL SEAL, CRANKCASE (LOWER)	29	3	29-25015	PIN, ROLLER - ECCENTRIC POSITIONING	19	14
26-20530	OIL SEAL, CRANKCASE (UPPER)	25	13	29-26689	PIN, ROLLER - KEY AND SHAFT HOLDING	41	34
26-26782	OIL SEAL, RETAINER	41	11	30-20464	BEARING, BALL - CRANKCASE (LOWER)	25	19
26-26805	OIL SEAL, BEARING CARRIER	45	28	30-20464	BEARING, BALL - CRANKCASE (LOWER)	29	2
26-26865	SEAL, RUBBER - WATER INLET TUBE	37	9	30-20464	BEARING, BALL - CRANKCASE (UPPER)	25	10
26-27163	OIL SEAL, BEARING CARRIER (SPRING LOADED)	45	27	30-20464	BEARING, BALL - PROPELLER GEAR	45	21
27-22023	GASKET, CARBURETOR FLANGE	13	36	30-21776	BEARING, BALL - PILOT AND DRIVE SHAFT	45	11
27-23005	GASKET, CHECK VALVE TO PUMP HOUSING	17	2	30-21776	BEARING, BALL - UPPER DRIVE SHAFT	41	15
27-23180	GASKET, IDLE TUBE	13	33	30-28103	BALL, STEEL - REVERSE SHAFT LOCKING	23	6
27-24863	GASKET, FUEL PUMP	17	6	30-28685	BALL, DETENT - CLUTCH PLATE TO SYNCHRONIZER	19	28
27-25033	GASKET, INLET SEAT	11	7	31-20594	BEARING, ROLLER - CRANKCASE (UPPER)	25	12
27-25848	GASKET, STRAINER COVER SCREW	13	28	31-28157	BEARING, ROLLER - BEARING CARRIER	45	26
27-25849	GASKET, STRAINER COVER (SMALL)	13	26	31-28157	BEARING, ROLLER - PROP AND DRIVE SHAFT	45	2
				32-21137	TUBE, LEAD WIRE (PORT SIDE)	7	21

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32-28136	TUBE, WATER INLET	37	8	45-26694A1	DRIVE SHAFT ASSEMBLY (LOWER)	45	12
32-28474	FUEL LINE, ADAPTOR TO FUEL PUMP(13")	17	16	45-29444A1	DRIVE SHAFT ASSEMBLY( UPPER)	41	18
32-28475	TUBE, OUTER - INPUT SHAFT (RUBBER)	19	9	46-29445A1	WATER PUMP CARTRIDGE ASSEMBLY	41	5
32-28599	FUEL LINE, FUEL PUMP TO CARBURETOR (5-1/4)	17	10	47-26554	IMPELLER, WATER PUMP	41	4
32-30301	FUEL LINE, ADAPTOR TO FUEL PUMP (11-5/8")	17	16	48-26608A1	PROPELLER ASSEMBLY	45	33
33-20127	SPARK PLUG (CHAMPION J6J)	7	33	48-28036A1	PROPELLER ASSEMBLY	47	33
33-22805	SPARK PLUG (CHAMPION J7J)	7	33	48-28880A1	PROPELLER ASSEMBLY	45	33
33-28915	SPARK PLUG (AC-M44C)	7	33	50-22791A1	STARTER CABLE ASSEMBLY	5	32
34-20053	REED STOP, MAIN BEARING REED VALVES	29	11	50-28895	SHEAVE ASSEMBLY, STARTER	3	21
34-20888A1	REED SET, CENTER MAIN BEARING (MATCHED)	29	10	53-21159	RING, SNAP - BALL BEARING TO PROPELLER GEAR	45	23
34-21293	REED, CENTER MAIN BEARING	29	9	53-23720	RING, RETAINING - UPPER MOUNT	39	37
34-25454	REED STOP, MAIN BEARING REED VALVES	29	10	53-23721	RING, RETAINING - LWOER MOUNT	39	41
34-30303A1	REED SET, CENTER MAIN BEARING (MATCHED)	29	10	53-25539	FASTENER, EMBLEM RIVET	3	5
34-32038	REED STOP, MAIN BEARING REED VALVES	29	11	53-25539	FASTENER, FRONT PLAQUE TO TOP COWL	3	5
35-26314	SCREEN, WATER INLET - GEAR HOUSING	45	15	53-29438	RING, LOCK - WATER PUMP CARTRIDGE AND BEARING	41	17
37-28990	DECAL, CHOKE - DRIVE SHAFT HOUSING	15	10	53-30248	RING, RETAINING - SHORTING SWITCH TO BRACKET	23	34
37-29863	DECAL SET, TOP COWL (NOT AS SHOWN)	3	7	53-30428	FASTENER, CLAMPING LEVER HOLDING	37	23
37-31101	DECAL, FRONT PLAQUE - TOP COWL	3	6	53-30428	FASTENER, CLAMPING LEVER HOLDING - SEE NOTE BELOW	37	23
37-31102	DECAL, FRONT PLAQUE - TOP COWL	3	6	54-20534	CLAMP, HARNESS - IGNITION WIRES	27	45
37-31429A1	DECAL SET, TOP COWL (NOT AS SHOWN)	3	7	54-24836	CLIP, SHORTING SWITCH LEAD FASTENING	25	32
37-31467A1	DECAL SET, TOP COWL (NOT AS SHOWN)	3	7	54-24836	CLIP, SHORTING SWITCH LEAD TO BRACKET	23	36
37-31869	DECAL, FRONT PLAQUE - TOP COWL	3	6	54-28901	FASTENER, SOUND SEAL TO HOUSING	37	20
37-31947A1	DECAL SET, TOP COWL	3	7	90-45504	MERC 100, 150, 200, 250 PARTS LIST, COMPLETE	1	-
38-31067	SERIAL PLATE	35	39	92-25143--1	DECAL SOLUTION (PINT BOTTLE)	1	-
39-23124A12	RING, PISTON	31	9	92-25234--1	GLUE (BLANKET ADHESIVE)	1	-
39-27734A12	RING, PISTON (.015 OVERSIZE)	33	-	92-25234--1	GLUE, ADHESIVE - BLANKET FASTENING	5	33
39-27841A12	RING, PISTON	31	9	92-27109--1	ADHESIVE COMPOUND (3 1/2 OZ. KIT)	1	-
39-28616A12	RING, PISTON (.015 OVERSIZE)	33	-	92-27109--1	ADHESIVE COMPOUND, EMBLEM FASTENING (3- 1/2 OZ. KIT)	5	33
40-20057	LOCK RING, PISTON PIN	31	8	176-1425	TOP COWL	3	1
43-26311	GEAR, PROPELLER	45	17	176-1425A10	TOP COWL ASSEMBLY (NOT AS SHOWN)	3	1
43-26312	GEAR, PINION	45	6	328-1336A1	FLYWHEEL ASSEMBLY	7	1
43-26688	GEAR, IDLER	41	29	398-1098	BUSHING, LEAD WIRES	7	28
43-27994A1	INPUT DRUM AND GEAR ASSEMBLY	41	24				
43-27997	GEAR, PINION	45	6				
43-27998	GEAR, PROPELLER	45	17				
44-26308	SHAFT, PROPELLER	45	16				
44-28275	SHAFT, PROPELLER	45	16				

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398-1338	STATOR AND CORE	7	2	1334-1720	CARBURETOR ASSEMBLY		
398-1338	STATOR AND CORE	7	2		COMPLETE (KB-1A)	11	1
398-1338A1	STATOR ASSEMBLY,			1334-1742	CARBURETOR ASSEMBLY		
	COMPLETE	7	1		COMPLETE (KB-4A)	11	1
398-173	COIL, IGNITION	7	5	1399-101	LEVER, FLOAT (UPPER)	11	5
398-1736	STATOR AND CORE	7	2	1399-102	LEVER, FLOAT (LOWER)	11	4
398-1736	STATOR AND CORE	7	2	1399-110A1	FLOAT ASSEMBLY	11	2
398-1736A1	STATOR ASSEMBLY,			1399-1133	COVER, FLOAT BOWL	13	21
	COMPLETE	7	1	1399-1135	COVER, STRAINER	13	27
398-174	BREAKER ASSEMBLY	7	9	1399-1138	INLET NEEDLE, SEAT AND		
398-182	CLAMP, PLASTIC - LEAD				GASKET	11	6
	WIRE TO STATOR	7	23	1399-1145	GASKET AND PACKING SET	13	35
398-1872	GROUND LEAD, MAGNETO			1399-1450	SCREW, IDLE ADJUSTMENT	11	19
	TO SHORTING SWITCH			1399-1457	JET, MAIN FUEL (.057)-		
	TERMINAL BLOCK	7	30		STANDARD	11	12
398-190	COVER, BREAKER			1399-1457	JET, MAIN FUEL (.057)-		
	COMPARTMENT SEALING	7	7		STANDARD	11	12
398-192	WICK, FELT	7	17	1399-1459	JET, MAIN FUEL (.059)	11	12
398-193	PLUG, FELT	7	18	1399-1461	JET, MAIN FUEL (.061)	11	12
398-693	CONDENSER	7	14	1399-1463	JET, MAIN FUEL (.063)-		
398-963	SCREW, CORE FASTENING	7	3		STANDARD	11	12
398-965	LEAD WIRE	7	19	1399-1473	INLET NEEDLE, SEAT AND		
399-1270	SHUTTER, THROTTLE	13	31		GASKET	11	6
415-2295	CRANKSHAFT	29	1	1399-1474	NOZZLE, MAIN	11	16
522-1510A1	CENTER MAIN BEARING			1399-1477	GASKET AND PACKING SET	13	35
	ASSEMBLY	29	6	1399-1479	TUBE, IDLE	13	32
527-1619A1	CENTER MAIN BEARING			1399-1480	SHUTTER, THROTTLE	13	31
	ASSEMBLY	29	6	1399-1481	REPAIR PARTS KIT	13	35
527-1947A2	CENTER MAIN BEARING			1399-1608	SCREW, IDLE ADJUSTMENT	13	19
	ASSEMBLY	29	6	1399-1626	REPAIR PARTS KIT	13	35
600-7A3	CONNECTING ROD			1399-1649	JET, MAIN FUEL(.049)	11	12
	ASSEMBLY	31	1	1399-1651	JET, MAIN FUEL (.051)-		
600-7A4	CONNECTING ROD				STANDARD	11	12
	ASSEMBLY	31	1	1399-1651	JET, MAIN FUEL (.051)-		
	ASSEMBLY	31	1		STANDARD	11	12
713-1527A4	PISTON AND PISTON PIN			1399-1653	JET, MAIN FUEL (.053)	11	12
	ASSEMBLY	31	7	1399-1655	JET, MAIN FUEL(.055)	11	12
713-1531A1	PISTON AND PISTON PIN			1399-1705	REPAIR PARTS KIT	13	35
	ASSEMBLY (.015			1399-1710	TUBE, IDLE	13	32
	OVERSIZE)	33	-	1399-1713	SCREW, IDLE ADJUSTMENT	13	19
724-2537A4	PISTON AND PISTON PIN			1399-1716	SHAFT, THROTTLE	11	10
	ASSEMBLY	31	7	1399-1717	GASKET AND PACKING SET	13	35
724-2553A3	PISTON AND PISTON PIN			1399-1740	SHUTTER, THROTTLE	13	31
	ASSEMBLY (.015			1399-1754	ELEMENT, FILTER	13	22
	OVERSIZE)	33	-	1399-1760	SCREW, IDLE ADJUSTMENT	11	19
824-1498A3	CYLINDER BLOCK AND			1399-1761	NOZZLE, MAIN	11	16
	CRANKCASE ASSEMBLY	25	1	1399-1762	TUBE, IDLE	13	32
830-1405A3	CYLINDER BLOCK AND			1399-1763	NOZZLE, MAIN	11	16
	CRANKCASE ASSEMBLY	25	1	1399-1764	REPAIR PARTS KIT	13	35
830-1966A2	CYLINDER BLOCK AND			1399-1765	JET, MAIN FUEL (.045)	11	12
	CRANKCASE ASSEMBLY	25	1	1399-1766	REPAIR PARTS KIT	13	35
1009-1200	COVER, CYLINDER BLOCK	25	36	1399-1767	JET, MAIN FUEL (.047)	11	12
1123-1196A2	CRANKCASE TOP			1399-1828	TUBE, IDLE	13	32
	ASSEMBLY	25	9	1399-1912	NOZZLE, MAIN	11	16
1329-1605	CARBURETOR ASSEMBLY			1399-1913	REPAIR PARTS KIT	13	35
	COMPLETE (AJ-56AB)	11	1	1399-1985	NOZZLE, MAIN	11	16
1333-1437	CARBURETOR ASSEMBLY,			1399-1986	REPAIR PARTS KIT	13	35
	COMPLETE (KA-5A)	11	1	1399-2012	SHAFT, THROTTLE	11	10
1333-1839	CARBURETOR ASSEMBLY,			1399-933	SHAFT, THROTTLE	11	10
	COMPLETE (KA-5B)	11	1	1399-960	TUBE, IDLE	13	32

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Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
1399-97	LEVER, THROTTLE STOP . .	11	9				
1399-99	GASKET FLOAT BOWL COVER . . . . .	13	20				
1427-1081A1	CLAMP BRACKET ASSEMBLY . . . . .	35	1				
1445-1799A2	SWIVEL BRACKET ASSEMBLY . . . . .	35	22				
1531-1630A2	DRIVE SHAFT HOUSING ASSEMBLY . . . . .	37	1				
1531-1696A2	DRIVE SHAFT HOUSING ASSEMBLY . . . . .	37	1				
1534-1427	SADDLE . . . . .	37	33				
1614-1440A1	GEAR HOUSING ASSEMBLY	45	1				
1614-1440A2	GEAR HOUSING ASSEMBLY, COMPLETE (LESS PROP.)	45	-				
1614-1440A3	GEAR HOUSING ASSEMBLY, COMPLETE (LESS PROP.)	45	-				