



# PARTS CATALOG

## XR-2 MAGNUM

### SERIAL NUMBER

MERC/MAR XR2/MAGNUM ..... 0D935271 AND UP

# TABLE OF CONTENTS:

CARBURETOR ASSEMBLY .....	20
COWLS .....	2
CRANKSHAFT, PISTONS AND CONNECTING RODS .....	30
CYLINDER BLOCK AND END CAPS .....	22
DRIVESHAFT HOUSING .....	32
EXHAUST PLATE .....	26
FLYWHEEL, STARTER MOTOR AND IGNITION COILS .....	6
FUEL LINES .....	18
FUEL PUMP .....	16
GEAR HOUSING (DRIVESHAFT) LHR .....	52
GEAR HOUSING (DRIVESHAFT) RHR .....	44
GEAR HOUSING (PROPELLER SHAFT) LHR .....	56
GEAR HOUSING (PROPELLER SHAFT) RHR .....	48
GEAR HOUSING CHART .....	42
HYDRAULIC PUMP AND MOUNTING BRACKETS .....	60
HYDRAULIC PUMP ASSEMBLY .....	62
INSTRUMENTATION .....	64
KEY SWITCH .....	66
MISCELLANEOUS PARTS/ACCESSORIES .....	1
PARTS INDEX .....	68
REED BLOCK AND CYLINDER HEAD .....	28
SOUND ATTENUATOR AND LINKAGE .....	14
STARTER MOTOR ASSEMBLY .....	40
SWIVEL BRACKET AND STEERING ARM .....	34
THROTTLE LEVER AND SHIFT SHAFT .....	10
TRANSOM BRACKETS .....	36
WIRING HARNESS, STARTER SOLENOID & RECTIFIER .....	8

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

**AR** = As Required

**NSS** = Not Sold Separate

**OPT** = Optional

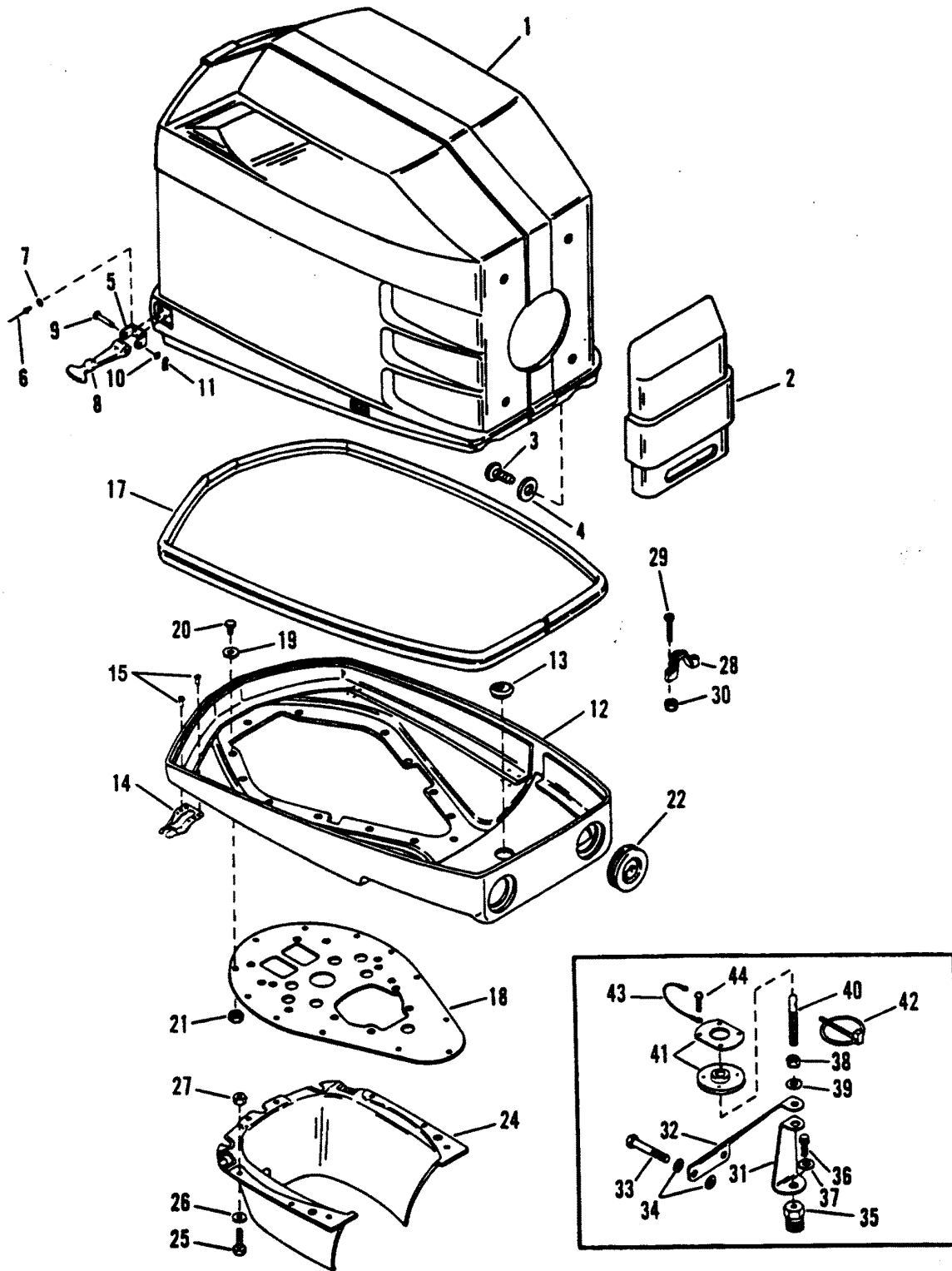
**NS** = Not Shown

**THESE PARTS BOOKS/FICHE CARD ARE COPYRIGHTED AND MAY NOT BE DISTRIBUTED OR REPRODUCED IN ANY OTHER FORMAT BY ANYONE OTHER THAN MERCURY MARINE WITHOUT THE PRIOR WRITTEN CONSENT OF MERCURY MARINE.**

## MISCELLANEOUS PARTS/ACCESSORIES

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	90-817087-94		0	PARTS MANUAL
-	27-18051A90		0	GASKET SET
-	90-818344910		0	OWNERS GUIDE BLACK
-	90-818345910		0	OWNERS GUIDE GRAY

# COWLS

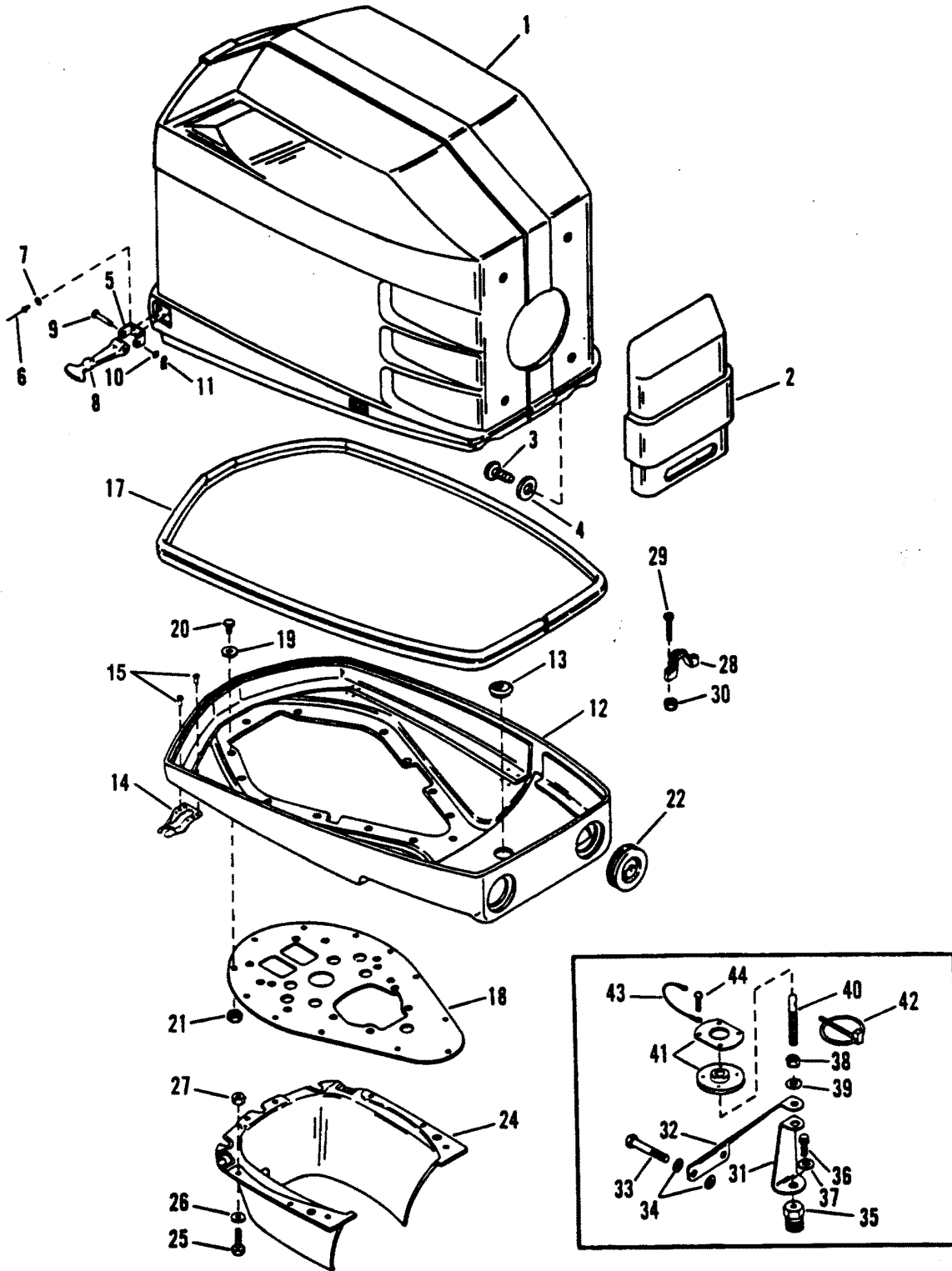


# COWLS

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	4006-817704A24		1	TOP COWL BLACK
	4006-817704A25		1	TOP COWL GRAY
2	817706A3		1	FRONT COVER BLACK
	817706A4		1	FRONT COVER GRAY
3	10-69570		4	SCREW
4	12-22887		4	WASHER
5	71602		4	YOKE BLACK
	71602--1		4	YOKE GRAY
6	17-816771		12	RIVET
7	12-847883		12	WASHER
8	817708		4	HOLD DOWN
9	17-58712		4	CLEVIS PIN
10	12-847883		4	WASHER
11	18-21071		4	COTTER PIN
-	<b>37-817660A91</b>		<b>1</b>	<b>DECAL SET BLACK</b>
-	<b>37-818263A91</b>		<b>1</b>	<b>DECAL SET GRAY</b>
-	<b>37-818956A1</b>		<b>1</b>	<b>DECAL SET, FRONT COVER BLACK</b>
-	<b>37-818267A1</b>		<b>1</b>	<b>DECAL SET, FRONT COVER GRAY</b>
12	4007-848164A5		1	BOTTOM PAN BLACK
	4007-848164A6		1	BOTTOM PAN GRAY
13	19-815784		2	CAP PLUG
14	13734		4	RETAINER BLACK
	13734--1		4	RETAINER GRAY
15	17-848172		16	RIVET (POP OPEN)
17	817712--1		1	SEAL
18	822188--1		1	PLATE
19	12-29245		13	WASHER
20	10-38601		13	SCREW
21	11-35045		13	NUT
-	<b>848165</b>		<b>2</b>	<b>BRACE</b>
22	25-817713--1		2	GROMMET (CIRCULAR)
	25-817713--3		2	GROMMET (OVAL)
24	4016-847893A4		1	SKIRT BLACK
	4016-847893A5		1	SKIRT GRAY
25	10-69028		8	SCREW (1/4-28 X 3/4")
26	12-35462		16	WASHER
27	11-35045		8	NUT
28	88621		1	RETAINER
29	10-69020		2	SCREW
30	11-29488		2	NUT
-	<b>821877A2</b>		<b>1</b>	<b>COWL SUPPORT KIT</b>
31	821877--1		1	BRACKET
32	821878		1	BRACKET

CONTINUED ON NEXT PAGE ➡

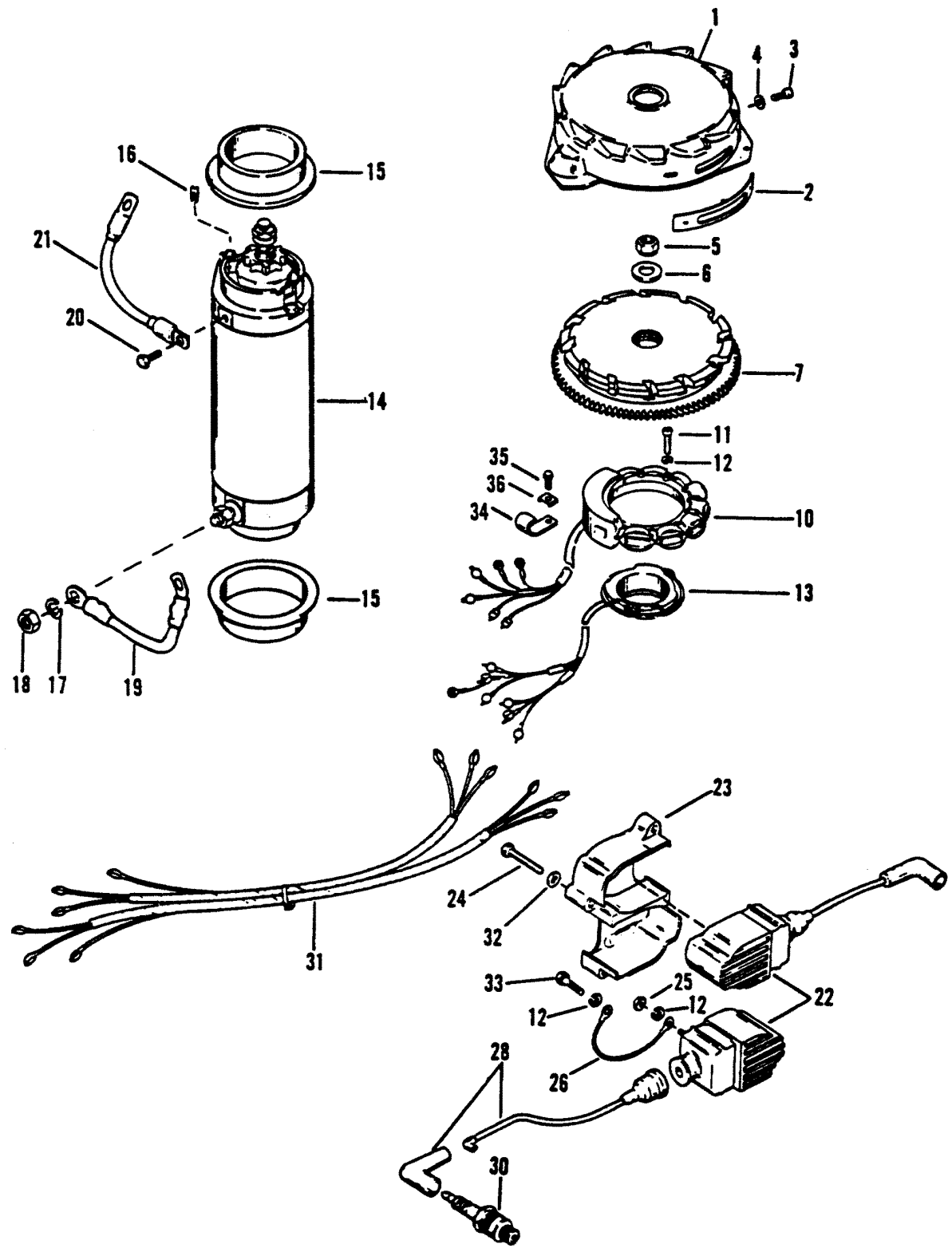
# COWLS



# COWLS

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
33	10-821933		2	SCREW
34	12-847539		4	WASHER
35	22-821881		1	PIPE PLUG
36	10-818146		1	SCREW
37	12-847541		1	WASHER
38	11-71852		1	NUT
39	12-74758		1	WASHER
40	821879--1		1	PIN
41	848015A1		1	COWL SUPPORT
42	848126A1		1	TORSION CLIP
43	88238A4		1	CABLE
44	10-821579		4	SCREW

# FLYWHEEL, STARTER MOTOR AND IGNITION COILS

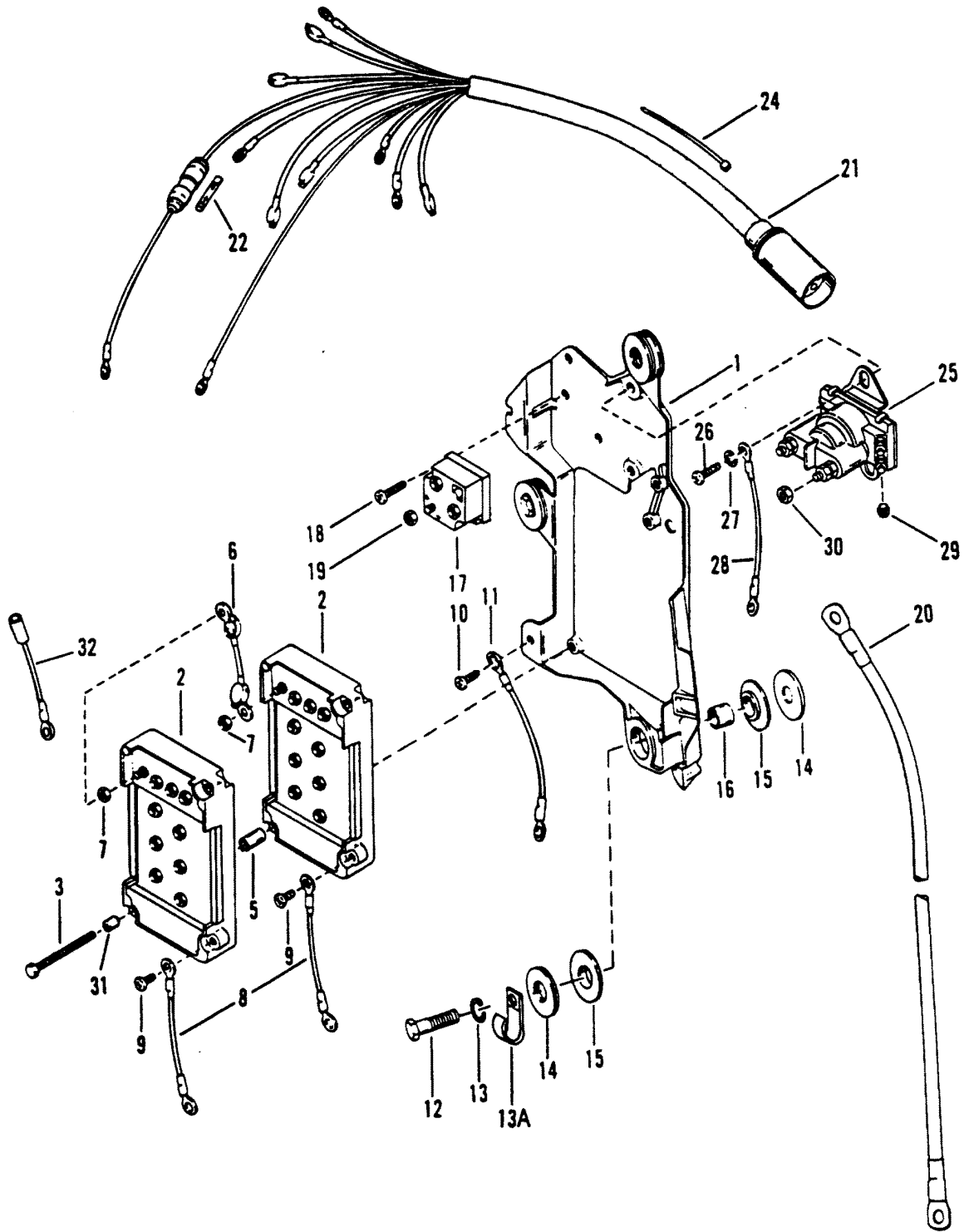




# FLYWHEEL, STARTER MOTOR AND IGNITION COILS

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	79918A1		1	FLYWHEEL COVER
2	79022		1	TIMING MARKER
3	10-37572		2	SCREW
4	12-72761		2	WASHER
5	11-52901		1	NUT
6	12-68229		1	WASHER
7	271-817632A9		1	FLYWHEEL (STEEL)
	249-6080A42		1	FLYWHEEL (ALUMINUM)
10	398-5454A36		1	STATOR
11	10-90028		4	SCREW
12	13-26996		22	LOCKWASHER
13	96455A11		1	TRIGGER PLATE
14	50-79472		1	STARTER MOTOR
15	56703		2	COLLAR
16	68042		2	RUBBER STOP
17	13-26992		1	LOCKWASHER
18	11-20890		1	NUT
19	84-93389A5		1	WIRE (YELLOW)
20	10-69035		1	SCREW
21	84-93388A1		1	WIRE (BLACK)
22	339-7370A19		6	IGNITION COIL
23	67614		3	COVER
24	10-88447		12	SCREW (1-5/8")
25	11-45076		12	NUT
26	84-88807A6		6	GROUND STRAP BLACK
28	84-815358A1		1	HIGH TENSION CABLE
30	33-97180		6	SPARK PLUG (NGK #BUHW)
31	84-69738A7		1	HARNESS ASSEMBLY (#2,4 & 6)
	84-69739A2		1	HARNESS ASSEMBLY (#1,3 & 5)
32	12-89302		12	WASHER
33	10-68513		6	SCREW
34	54-23567		1	J-CLAMP
35	10-69079		1	SCREW
36	69205		1	C-WASHER

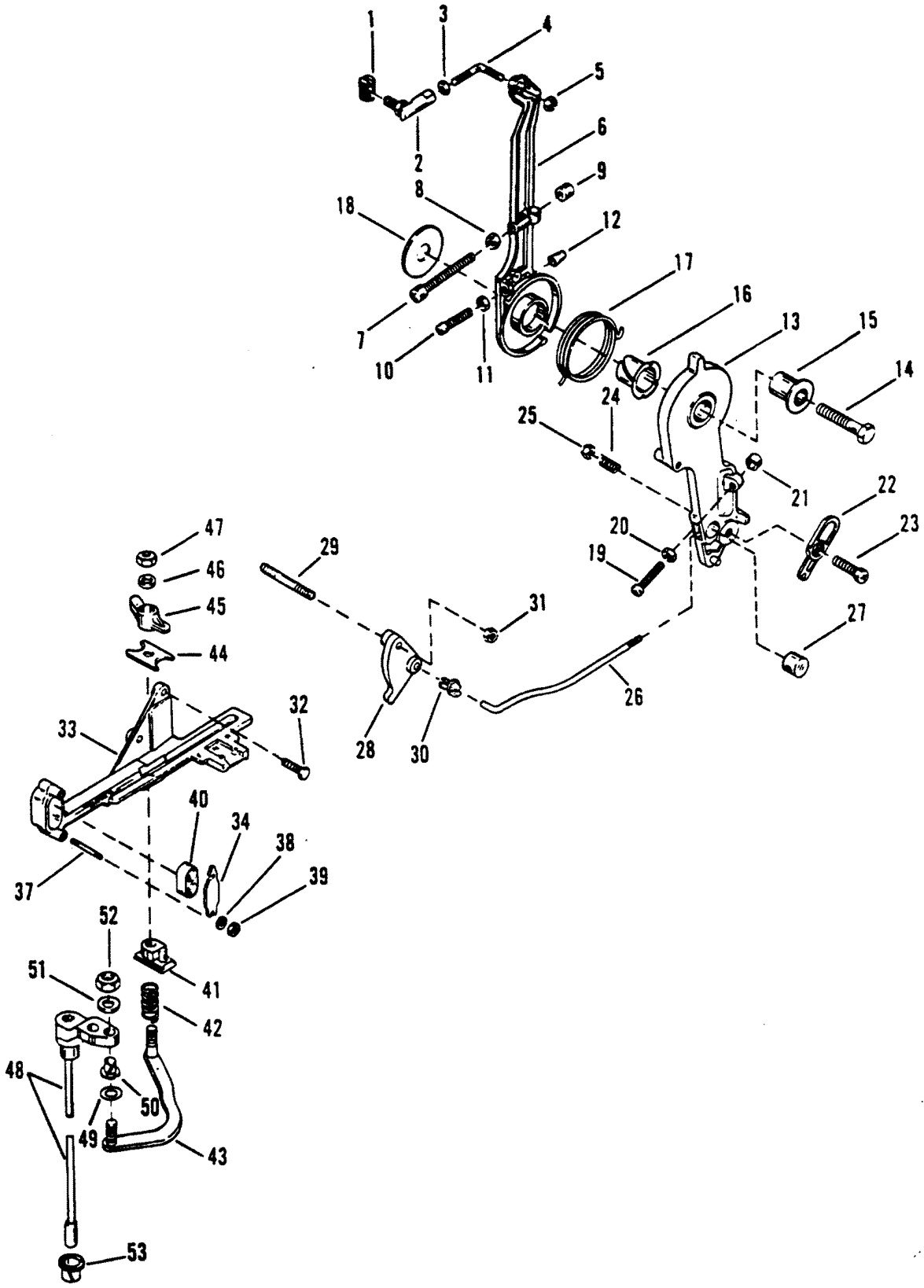
# WIRING HARNESS, STARTER SOLENOID & RECTIFIER



# WIRING HARNESS, STARTER SOLENOID & RECTIFIER

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	43429--2		1	IGNITION PLATE
2	332-7778A14		2	SWITCH BOX
3	10-90815		2	SCREW
5	23-94453		2	BUSHING
6	84-62310A2		1	CABLE
7	11-45076		20	NUT
8	84-60871A10		2	WIRE
9	10-62568		2	SCREW
10	10-38055		1	SCREW (5/8")
11	84-65999A3		1	CABLE (BLACK)
12	10-60411		3	SCREW (1-1/4")
13	13-26993		3	LOCKWASHER
13A	54-814634		2	J-CLAMP
14	12-36042		6	WASHER
15	12-67264		6	WASHER (RUBBER)
16	23-67268		3	BUSHING
17	816770		1	RECTIFIER
18	10-38055		2	SCREW (5/8")
19	11-45076		3	NUT
20	84-88439A14		1	BATTERY CABLE (POSITIVE)
	84-88439A2		1	BATTERY CABLE (NEGATIVE)
21	84-96220A4		1	ENGINE HARNESS
22	88-79091		1	FUSE
24	54-816311		AR	STA-STRAP
25	89-76528A1		1	STARTER SOLENOID
26	10-31716		2	SCREW (5/8")
27	13-26992		2	LOCKWASHER
28	84-65999A2		1	CABLE (BLACK)
29	11-45076		2	NUT
30	11-67980		2	NUT
31	23-94304		2	BUSHING
32	84-88528A2		1	CABLE (6" - RED/WHITE)
	84-91865A1		1	CABLE (3" - BLACK/WHITE)

# THROTTLE LEVER AND SHIFT SHAFT

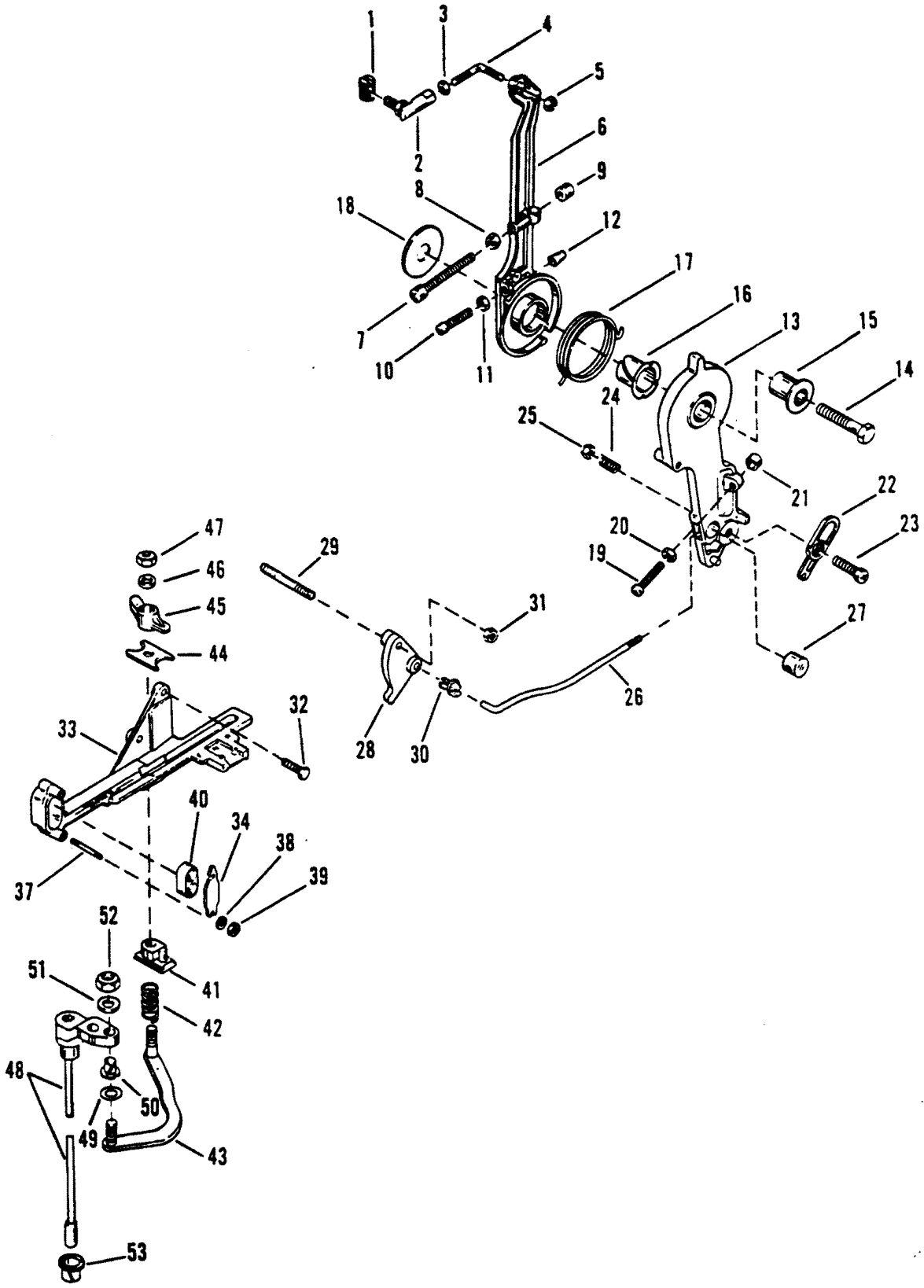


# THROTTLE LEVER AND SHIFT SHAFT

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	74897		1	PIVOT
2	62459		1	BALL JOINT
3	11-68219		1	NUT
4	76035		1	LINK ROD
5	11-45812		1	NUT
6	41094A3		1	SPARK ADVANCE LEVER
7	10-64022		1	SCREW
8	11-64015		1	NUT
9	26852		1	CAP
10	10-69560		1	SCREW (1-1/4")
11	11-68219		1	NUT
12	48039		1	CAP
13	41095		1	THROTTLE CONTROL LEVER
14	10-818165		1	SCREW (1-3/4")
15	23-55164		1	BUSHING
16	23-55171		1	BUSHING
17	24-68784		1	SPRING
18	12-46765		1	WASHER
19	10-64022		1	SCREW (2-1/8")
20	11-64015		1	NUT
21	26852		1	CAP
22	39483		1	LATCH
23	10-69026		1	SCREW
24	24-20099		1	SPRING
25	11-35045		1	NUT
26	814929		1	THROTTLE CONTROL ROD
27	14638		1	BARREL
28	815539T		1	THROTTLE CAM
29	16-20353		1	STUD
30	23-93248--1		1	SWIVEL BUSHING
31	11-35045		1	NUT
32	10-28782		3	SCREW
33	814283A2		1	ANCHOR BRACKET
34	98889		1	LATCH
37	16-18101		2	STUD
38	12-73288		2	WASHER
39	11-18102		2	NUT
40	39519		1	CAP
41	37896		1	GUIDE BLOCK
42	24-20099		1	SPRING
43	67073A1		1	LINK ROD
44	52100		1	WEAR PLATE
45	38279		1	LATCH

CONTINUED ON NEXT PAGE ➡

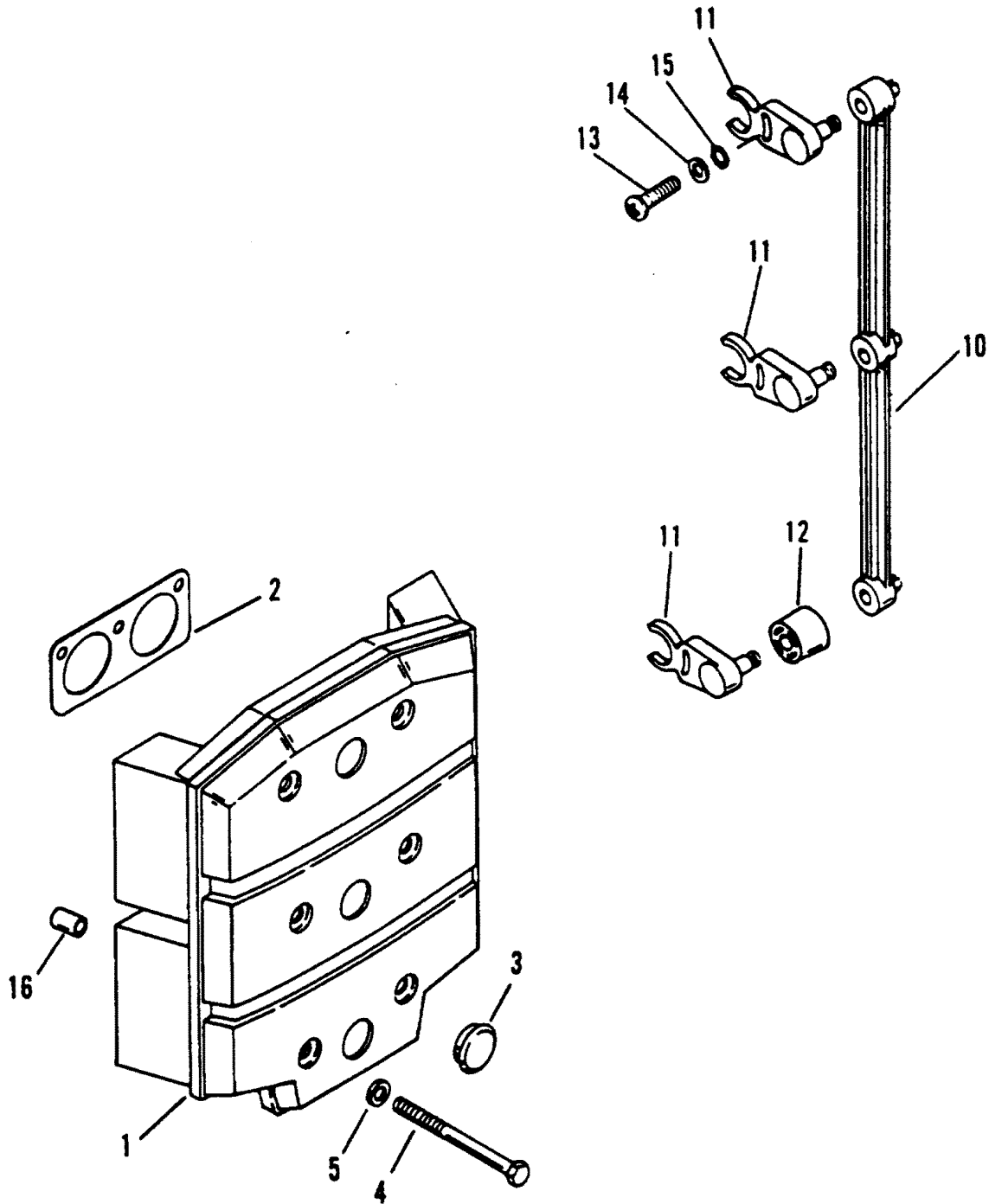
# THROTTLE LEVER AND SHIFT SHAFT



# THROTTLE LEVER AND SHIFT SHAFT

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
46	12-69056		1	WASHER
47	11-35045		1	NUT
48	79932A11		1	SHIFT SHAFT
49	13-29720		1	WAVE WASHER
50	23-26600		1	BUSHING
51	12-35462		1	WASHER
52	11-35045		1	NUT
53	23-27132		1	BUSHING
-	<b>61-816719A3</b>		-	<b>POWERHEAD</b>

# SOUND ATTENUATOR AND LINKAGE

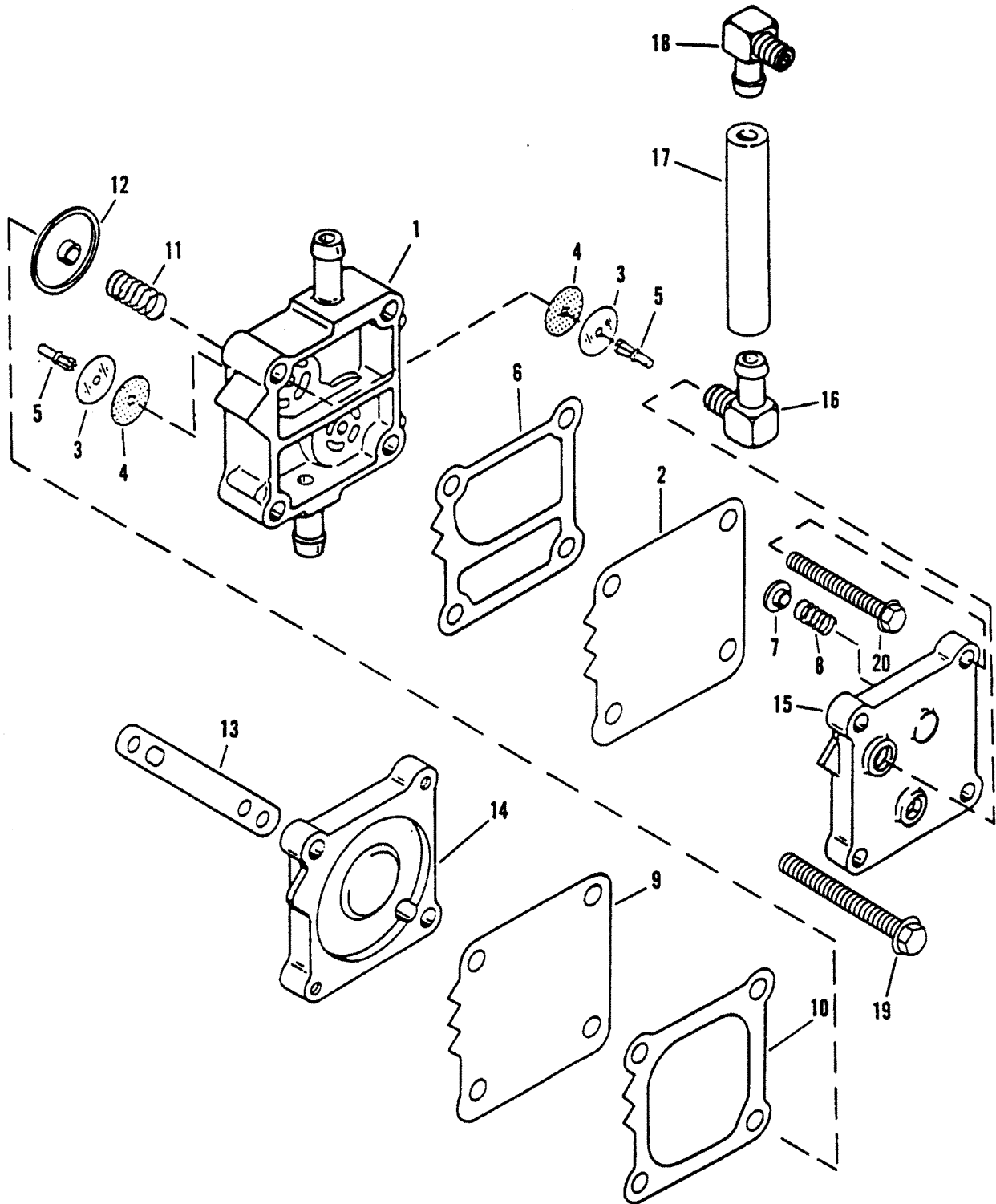




## SOUND ATTENUATOR AND LINKAGE

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	817495A1		1	SOUND ATTENUATOR
2	27-89221--1		3	GASKET
3	19-815784		3	CAP PLUG
4	10-88489		6	SCREW
5	12-69057		6	WASHER
10	18180		1	THROTTLE LINK
11	18181		3	LINK
12	18178		1	ROLLER
13	10-87926		3	SCREW
14	12-89302		3	WASHER
15	13-69432		3	LOCKWASHER
16	22-15026		1	CAP
-	<b>27-18051A90</b>		-	<b>GASKET SET</b>

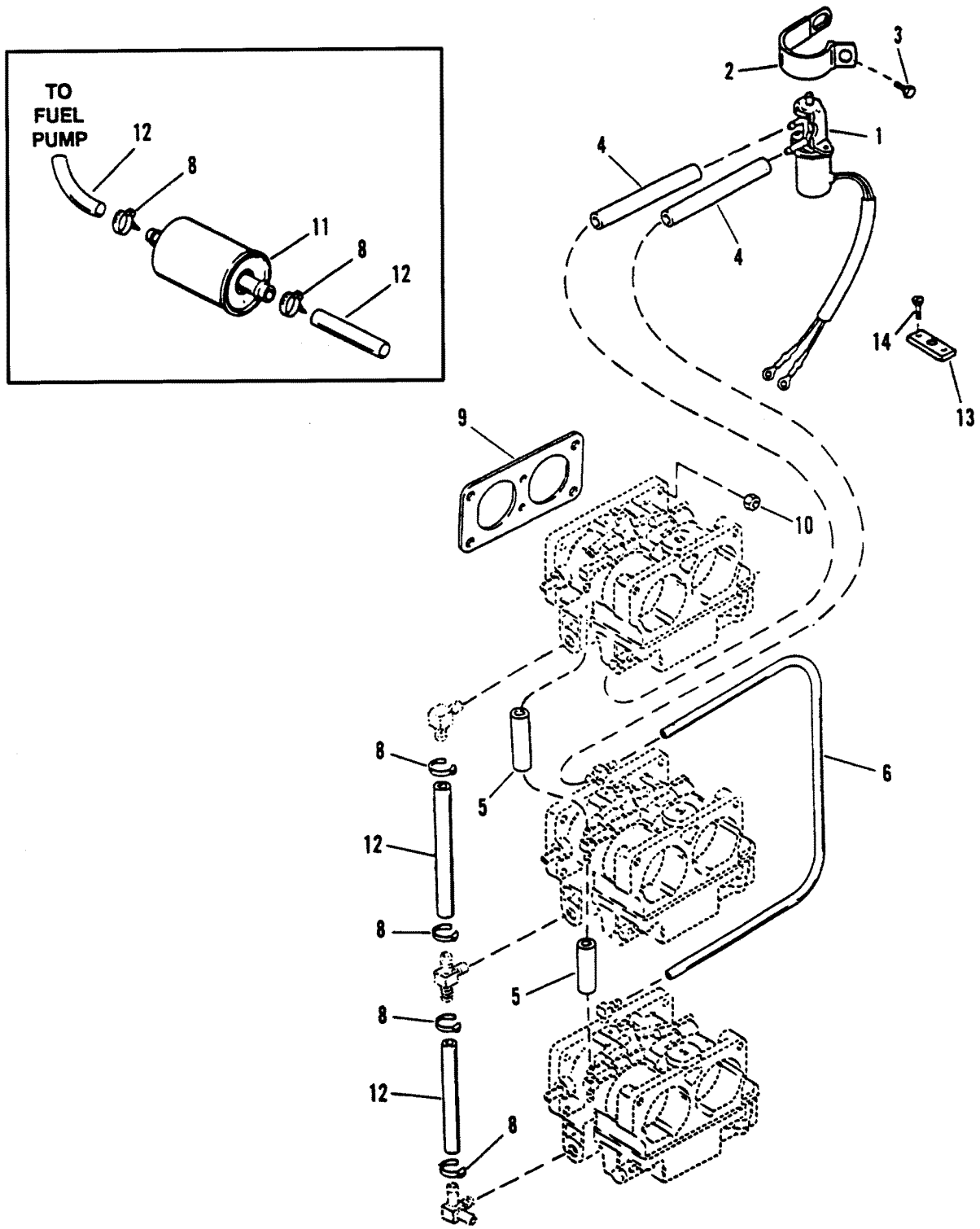
# FUEL PUMP



# FUEL PUMP

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	14360A43		1	FUEL PUMP ASSEMBLY
2	21-42990A10		1	DIAPHRAGM KIT
3			2	CHECK VALVE, RUBBER
4			2	CHECK VALVE
5			2	RETAINER
6			1	GASKET, BOOST
7			1	CAP
8			1	SPRING
9			2	DIAPHRAGM
10			1	GASKET, PULSE
11			1	SPRING
12			1	CAP
13	27-98769--1		1	GASKET, BASE
14	14430--3		1	BASE, FUEL PUMP
15	98775--2		1	PLATE, FUEL PUMP
16	22-99751		1	ELBOW
17	32-90729-25		1	FUEL LINE
18	22-15979		1	ELBOW
19	10-16452		2	SCREW, FUEL PUMP TO CRANKCASE
20	10-821045-40		2	SCREW, FUEL PUMP
-	<b>21-42990A10</b>		-	<b>DIAPHRAGM KIT</b>

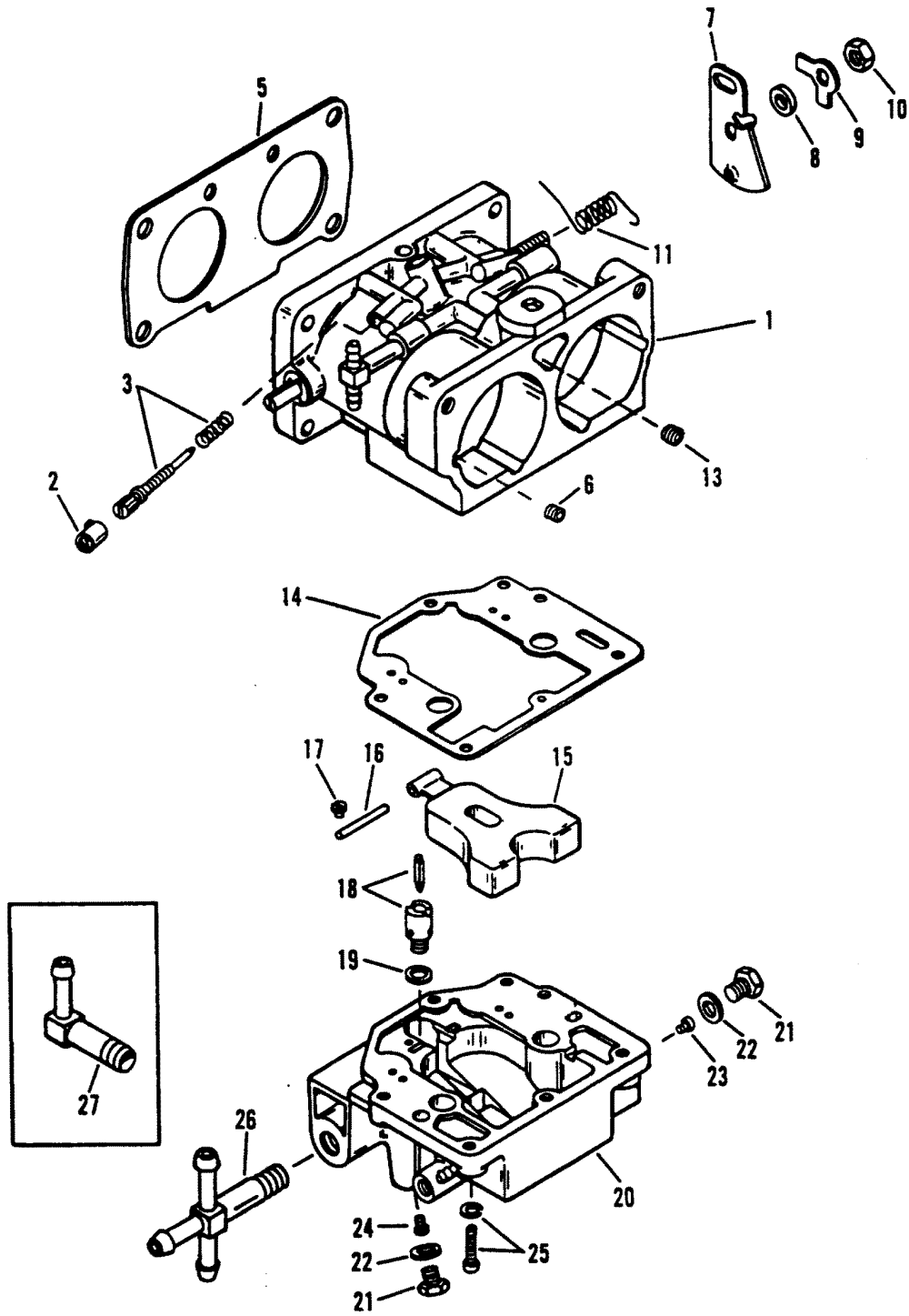
# FUEL LINES



# FUEL LINES

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	42859A2		1	ENRICHNER VALVE
2	54-63300--1		1	CLAMP
3	10-73286		1	SCREW
4	32-99126-88		2	FUEL LINE
5	32-99128-78		2	FUEL LINE
6	32-99130122		1	FUEL LINE
8	54-816311		AR	STA-STRAP
9	27-67751--1		3	GASKET
10	11-20184		12	NUT
11	35-816296--1		1	FUEL FILTER
12	32-99127109		1	TUBING
13	45915		1 OR 2	TERMINAL BLOCK
14	10-48409		1 OR 2	SCREW (5/8")
	10-62568		1 OR 2	SCREW (3/8")
-	<b>27-18051A90</b>		-	<b>GASKET SET</b>

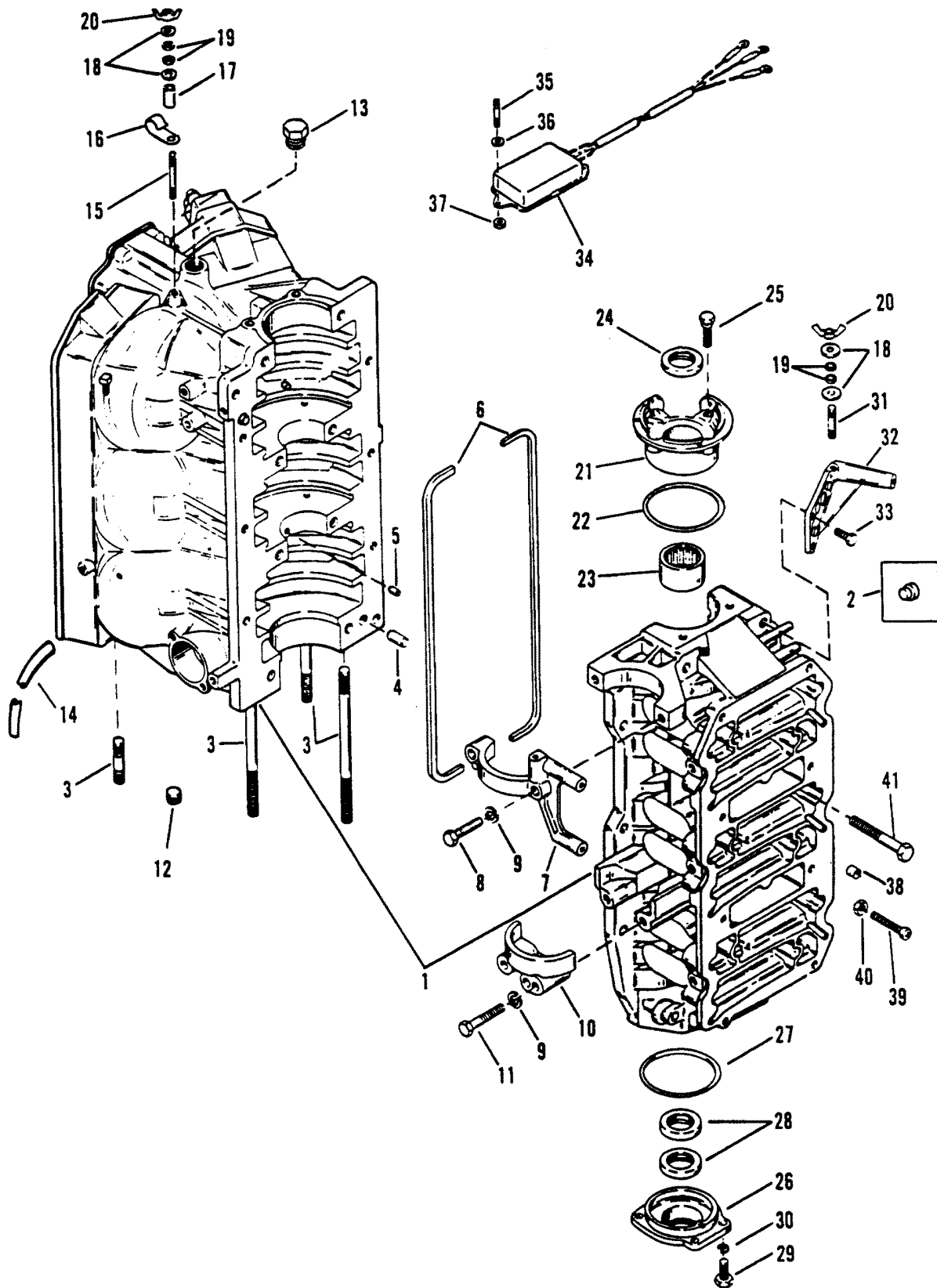
# CARBURETOR ASSEMBLY



# CARBURETOR ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	3311-818650A25		1	CARBURETOR (TOP)
	3311-818650A26		1	CARBURETOR (CENTER)
	3311-818650A27		1	CARBURETOR (BOTTOM)
2	810779		6	LIMITER CAP
3			6	IDLE MIXTURE SCREW/SPRING
5	27-67751--1		3	GASKET
6	815633060		6	JET, PROGRESSION AIR (.060)
7	810721		2	THROTTLE LEVER (TOP/CENTER)
	810722		1	THROTTLE LEVER (BOTTOM)
8	1395-811284		3	SPACER
9	12-810745		3	WASHER
10	11-810744		3	NUT
11			3	SPRING
13	1399-5225		3	JET, IDLE AIR BLEED (.054)
14			3	GASKET, FUEL BOWL
15	810738		3	FLOAT
16	F10064		3	FLOAT SHAFT
17			3	SCREW, FLOAT
18	1395-811690		3	VALVE SEAT KIT
19			3	GASKET, VALVE SEAT
20	1395-823623		1	FUEL BOWL (TOP)
	1395-823624		2	FUEL BOWL (CENTER/BOTTOM)
21	1395-9596		15	PLUG, POWER JET
22			12	GASKET, POWER/PROGRESSION JET
23	1395-6029		6	JET, MAIN FUEL (.068)(RUN)
	1395-6207		6	JET, MAIN FUEL (.072)(BREAK-IN)
24	1395-808584		6	POWER JET (135 - WMH-28)
25			18	SCREW, FUEL BOWL
26	1395-7900		2	TEE FITTING (TOP/CENTER)
27	1395-7901		1	ELBOW (BOTTOM)
-	<b>810749--2</b>		<b>1</b>	<b>CARB GASKET KIT</b>
-	<b>1395-811691--2</b>		<b>1</b>	<b>CARB REPAIR KIT</b>
-	<b>27-18051A90</b>		<b>1</b>	<b>ENGINE GASKET SET</b>

# CYLINDER BLOCK AND END CAPS



PAGE 00

YB 2/MAGNUM

REVISED DECEMBER 1994

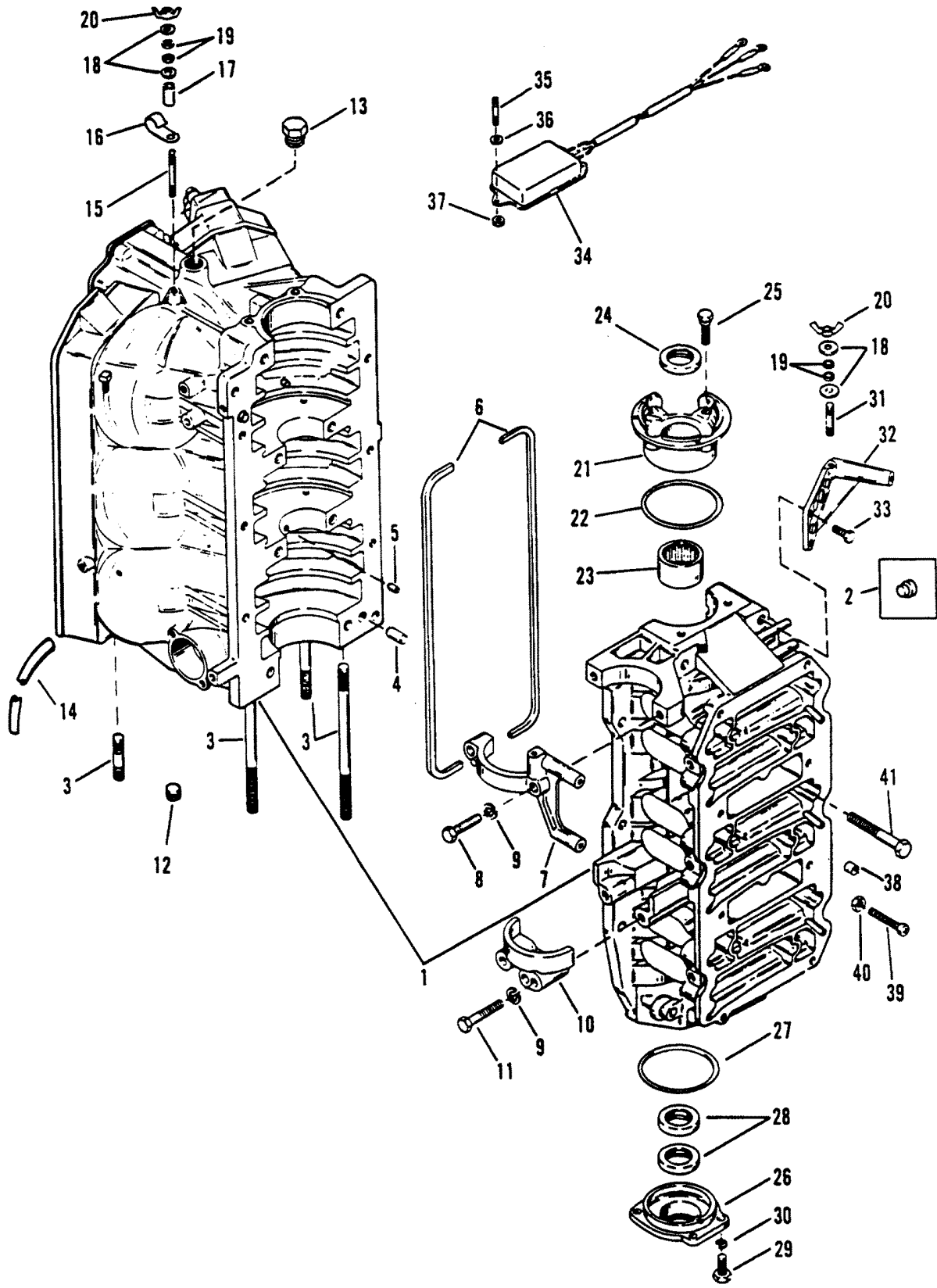


# CYLINDER BLOCK AND END CAPS

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	884-9765A10		1	CYLINDER BLOCK
2	22-56800		1	PIPE PLUG
3	16-847530		2	STUD (2")
	16-847529		4	STUD (2-1/2")
	16-847532		4	STUD (5-3/4")
4	17-43044		3	DOWEL PIN
5	17-67296		2	DOWEL PIN (BEARING RACE)
6	27-11338		2	GASKET
7	42249		1	COVER (UPPER)
8	10-90086		2	SCREW (1-1/2")
9	13-26993		4	LOCKWASHER
10	76867		1	COVER (LOWER)
11	10-815549		2	SCREW (2")
12	22-32561		1	PIPE PLUG
13	22-821881		1	PLUG (WATER JACKET)
14	32-99127109		2	TUBE (1-1/4")
15	16-15094		1	STUD (1-7/8")
16	54-63153		1	J-CLAMP
17	23-67269		1	SPACER
18	12-49221		6	WASHER
19	12-72761		3	WASHER
20	11-816874		3	NUT
21	1159-9642A1		1	UPPER END CAP ASSEMBLY
22	25-54029		1	O-RING
23	31-16756A4		1	ROLLER BEARING
24	26-41953		1	OIL SEAL
25	10-69034		4	SCREW (1")
26	1156-7809A1		1	LOWER END CAP ASSEMBLY
27	25-62700		1	O-RING
28	26-41953		2	OIL SEAL
29	10-28636		4	SCREW (3/4")
30	13-26992		4	LOCKWASHER
31	16-15093		2	STUD (1")
32	42248		1	BRACKET
33	10-28636		2	SCREW (3/4")
34	87076A10		1	IDLE SPEED CONTROL
35	16-30172		3	STUD
36	12-89302		3	WASHER
37	11-45812		3	NUT
38	26852		1	CAP
39	10-64022		1	ADJUSTING SCREW

CONTINUED ON NEXT PAGE ➡

# CYLINDER BLOCK AND END CAPS



PAGE 00

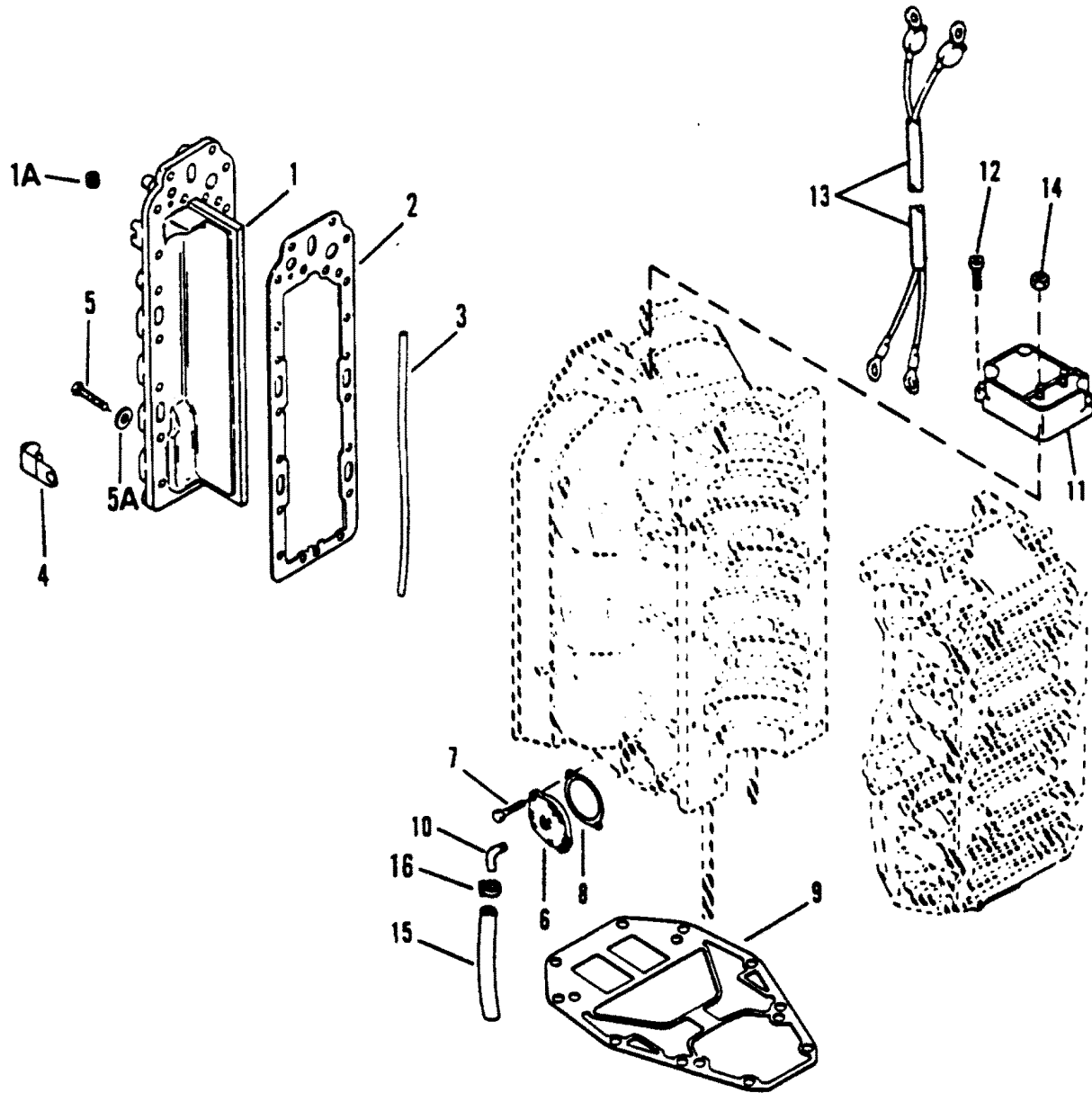
YB 2/MAGNUM

REVISED DECEMBER 1994

# CYLINDER BLOCK AND END CAPS

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
40	11-64015		1	JAM NUT
41	10-66717		8	SCREW (3-1/4")
	10-74824		6	SCREW (1-1/4")
-	<b>61-816719A3</b>		-	<b>POWERHEAD</b>
-	<b>27-18051A90</b>		-	<b>GASKET SET</b>

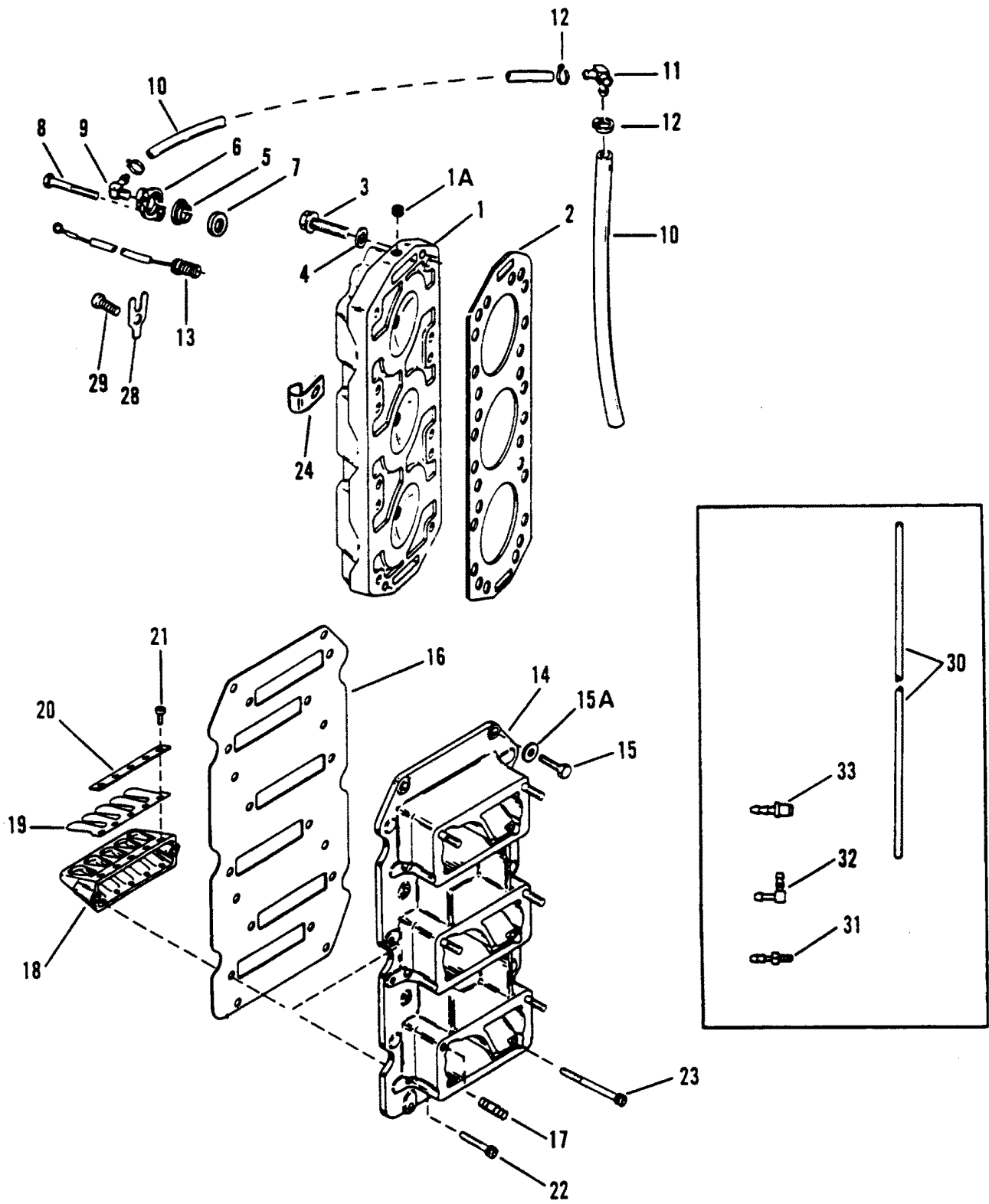
# EXHAUST PLATE



# EXHAUST PLATE

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	815552A1		1	DIVIDER PLATE
1A	22-32802		1	PIPE PLUG
2	27-847525--1		1	GASKET
3	26-814754		1	SEAL
4	54-814634		2	J-CLAMP
5	10-847538		18	SCREW (1-1/2")
	10-847568		2	SCREW (1")
5A	12-847526		20	WASHER
6	99193		1	COVER
7	10-28782		2	SCREW
8	27-88907--2		1	GASKET
9	27-823142		2	GASKET
10	22-68727		1	FITTING
11	88825A7		1	VOLTAGE REGULATOR
12	10-48409		2	SCREW
13	84-13397A1		1	HARNESS ASSEMBLY
14	11-45076		2	NUT
15	32-77457--2		1	HOSE
16	54-816311		1	STA-STRAP
-	<b>61-816719A3</b>		-	<b>POWERHEAD</b>
-	<b>27-18051A90</b>		-	<b>GASKET SET</b>

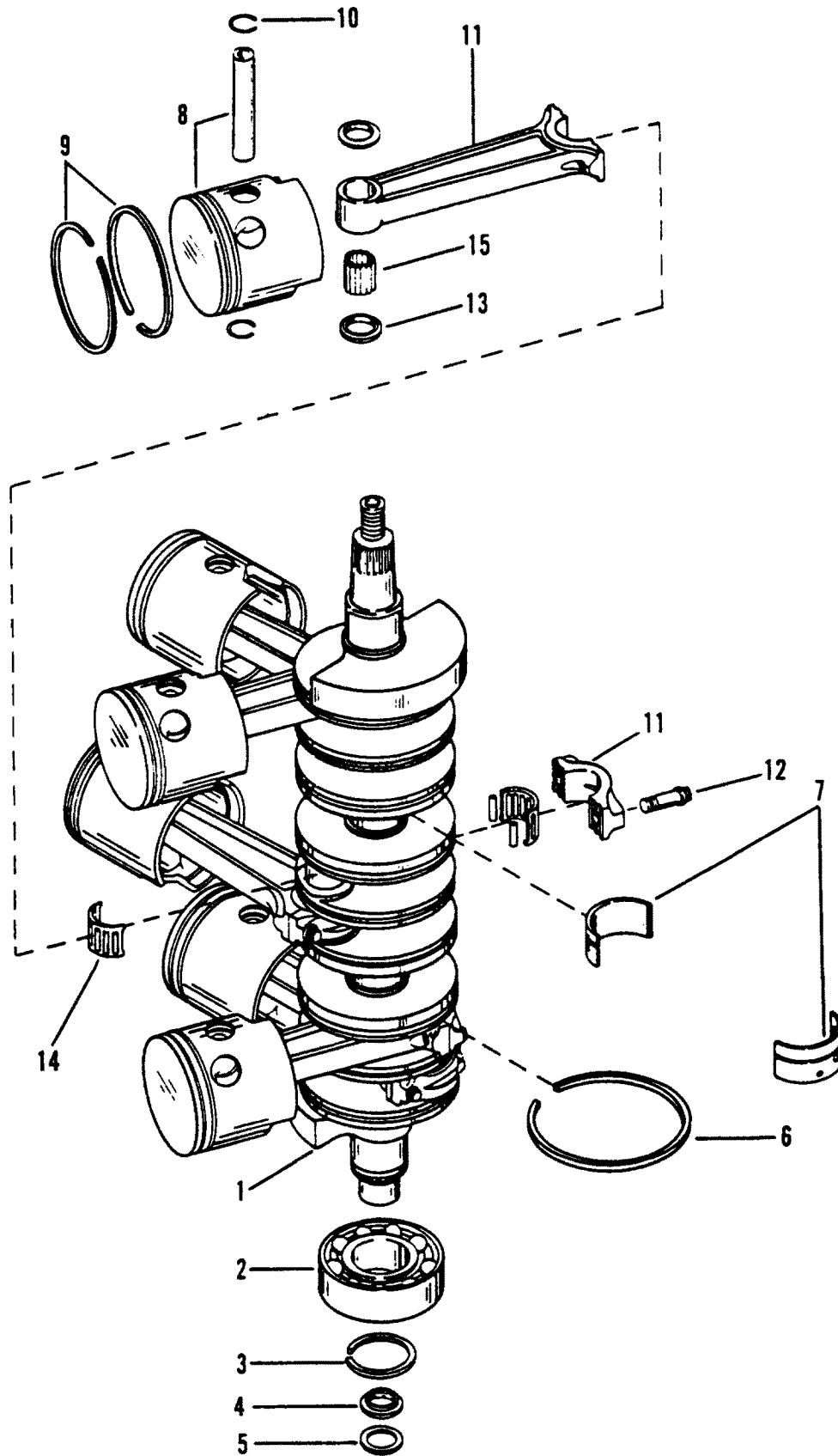
# REED BLOCK AND CYLINDER HEAD



# REED BLOCK AND CYLINDER HEAD

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	18787A2		2	CYLINDER HEAD
1A	22-32802		2	PLUG
2	27-18785--1		2	GASKET
3	10-98534		4	SCREW
4	12-822838		24	WASHER
5	27-62386		2	GASKET
6	90390A1		2	COVER
7	12-47533--1		2	WASHER, SUBSTITUTE FOR THERMOSTAT
8	10-37562		4	SCREW (1")
9	22-68727		1	FITTING
10	32-77457--2		2	HOSE
11	22-68728		1	FITTING
12	54-816311		AR	STA-STRAP
13	97465		1	TEMPERATURE SENDER
14	43657A3		1	REED BLOCK HOUSING
15	10-76630		8	SCREW
15A	12-39143		8	WASHER
16	27-14697--2		1	GASKET
17	16-27037		12	STUD, CARB MOUNTING
18	75953		6	REED BLOCK
19	34-14594A1		6	REED ASSEMBLY
20	96183--2		12	REED CLAMP
21	10-823588		60	SCREW
22	10-92160		6	SCREW (3/4")
23	10-96529		6	SCREW (1-1/8")
24	54-78945--1		1	J-CLAMP (1/2" DIA.)
	54-64235--2		1	J-CLAMP (1/5" DIA.)
28	13715--1		1	RETAINER
29	10-88743		1	SCREW
30	32-66285-70		1	BLEED HOSE (1-3/4")
31	22-56759		5	FITTING (PRESS-IN)
32	22-15133		6	ELBOW (PRESS-IN)
33	21-42698		7	CHECK VALVE (13/16" CRANKCASE BOTTOM/SIDE)
	21-42623		1	CHECK VALVE (11/16" CRANKCASE TOP)
-	<b>61-816719A3</b>		-	<b>POWERHEAD</b>
-	<b>27-18051A90</b>		-	<b>GASKET SET</b>

# CRANKSHAFT, PISTONS AND CONNECTING RODS

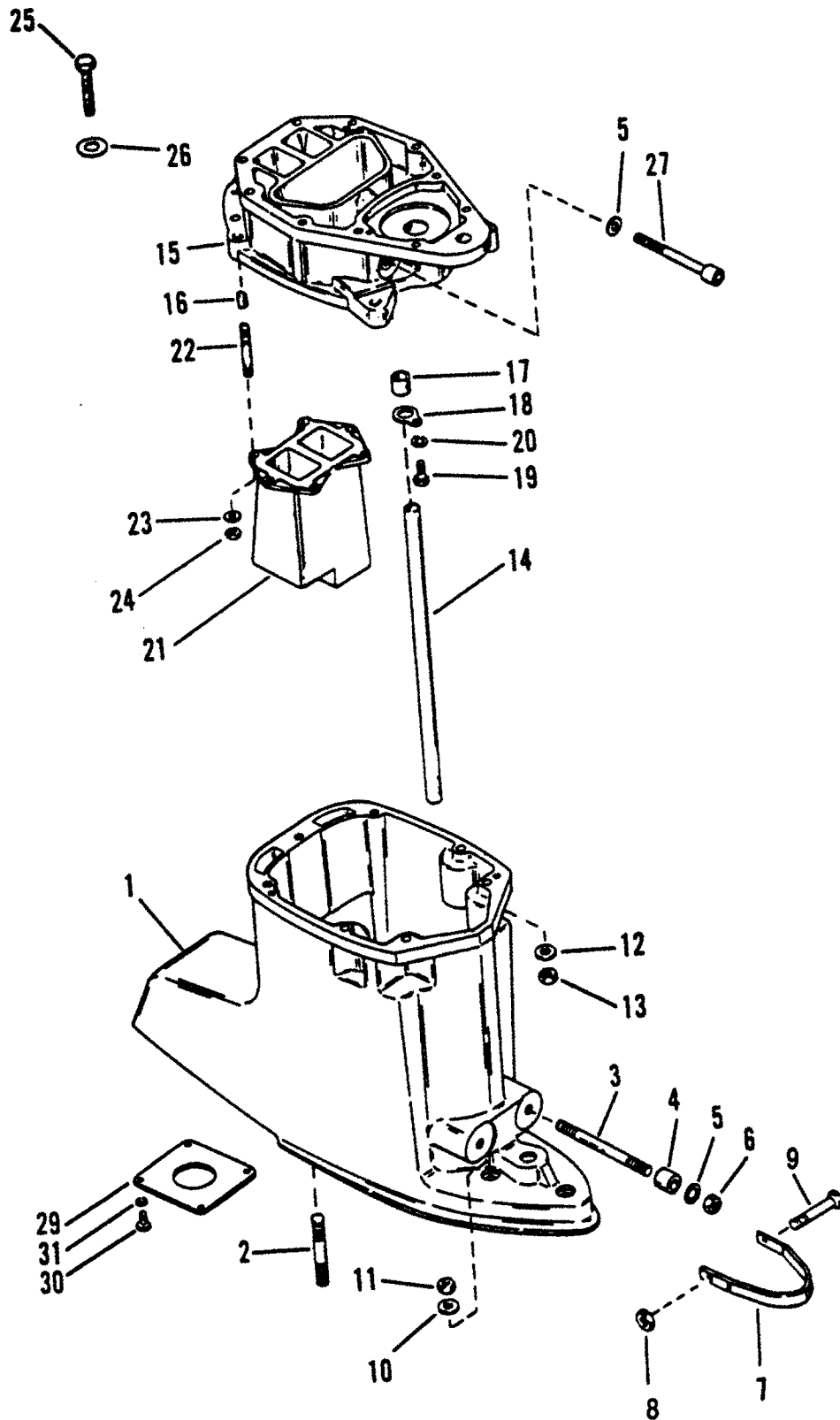




# CRANKSHAFT, PISTONS AND CONNECTING RODS

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	455-9536A5		1	CRANKSHAFT ASSEMBLY
2	30-67923		1	BALL BEARING (LOWER)
3	53-67446		1	RETAINING RING
4	54196A6		1	CARRIER ASSEMBLY
5	65800		1	SEAL
6	39-67377--2		7	RING
7	31-16756A8		2	ROLLER BEARING
8	765-7441A40		3	PISTON ASSEMBLY (STARBOARD) <b>STANDARD</b>
	765-7442A40		3	PISTON ASSEMBLY (PORT) <b>STANDARD</b>
	765-7443A15		3	PISTON ASSEMBLY (STARBOARD) <b>.015 O/S</b>
	765-7444A15		3	PISTON ASSEMBLY (PORT) <b>.015 O/S</b>
	765-7445A15		3	PISTON ASSEMBLY (STARBOARD) <b>.030 O/S</b>
	765-7446A15		3	PISTON ASSEMBLY (PORT) <b>.030 O/S</b>
9	39-816465A12		1	PISTON RING ASSEMBLY (STANDARD)
	39-818862A1		1	PISTON RING ASSEMBLY (.015 O/S)
	39-818875A1		1	PISTON RING ASSEMBLY (.030 O/S)
10	53-821246		12	RETAINING RING
11	636-8119A6		6	CONNECTING ROD ASSEMBLY
12	10-93886		12	SCREW
13	12-47247		12	WASHER
14	31-821146A1		6	ROLLER BEARING
15	29-67483		174	NEEDLE BEARING
-	<b>61-816719A3</b>		-	<b>POWERHEAD</b>
-	<b>27-18051A90</b>		-	<b>GASKET SET</b>

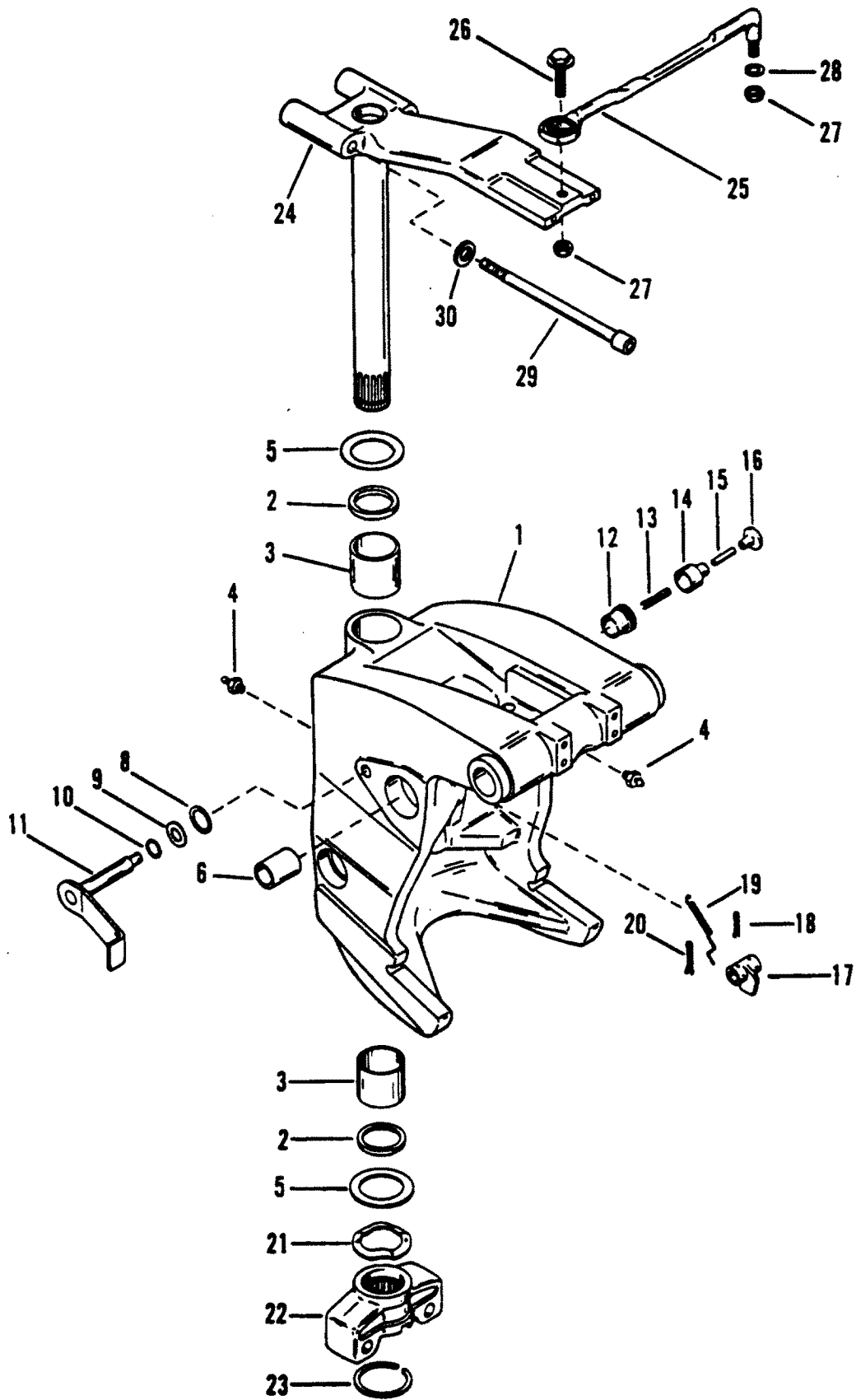
# DRIVESHAFT HOUSING



# DRIVESHAFT HOUSING

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	1581-8683A21		1	DRIVE SHAFT HOUSING ASSEMBLY BLACK
	1581-8683A24		1	DRIVE SHAFT HOUSING ASSEMBLY GRAY
2	16-56295		2	STUD
3	16-816055		2	STUD
4	23-816057		2	SPACER BLACK
	23-816057--1		2	SPACER GRAY
5	12-816056		4	WASHER
6	11-28040		2	NUT
7	67703		1	STRAP BLACK USE WHERE APPLICABLE
	67703--1		1	STRAP GRAY USE WHERE APPLICABLE
8	11-25269		1	NUT USE WHERE APPLICABLE
9	10-67769		1	SCREW (.375-24 X 4") USE WHERE APPLICABLE
	10-48408		1	SCREW (.375-24 X 3-3/4")
10	12-822836		3	WASHER
11	11-34933		3	NUT
12	12-822838		10	WASHER
13	11-34932		8	NUT (FULL)
	11-34863		2	NUT (THIN)
14	32-67295		1	WATER TUBE
15	42732A2		1	PLATE ASSEMBLY BLACK
	42732A5		1	PLATE ASSEMBLY GRAY
16	17-43044		2	DOWEL PIN, PLATE TO DRIVE SHAFT HOUSING (.625)
	17-823106		2	DOWEL PIN, PLATE TO POWERHEAD (.875)
17	26-38970		1	SEAL
18	44260		1	RETAINER
19	10-28636		1	SCREW
20	13-26992		1	LOCKWASHER
21	41941		1	DIFFUSER
22	16-58893		6	STUD
23	12-20533		6	WASHER
24	11-30506		6	NUT
25	10-91903		3	SCREW (1-3/4")
	10-848081		2	SCREW (1/2")
26	12-822836		5	WASHER
27	10-13212--1		2	SCREW
29	818261		1	EXHAUST BLOCK-OFF PLATE
30	10-28635		4	SCREW
31	13-26992		4	LOCKWASHER
-	<b>27-18051A90</b>		-	<b>GASKET SET</b>

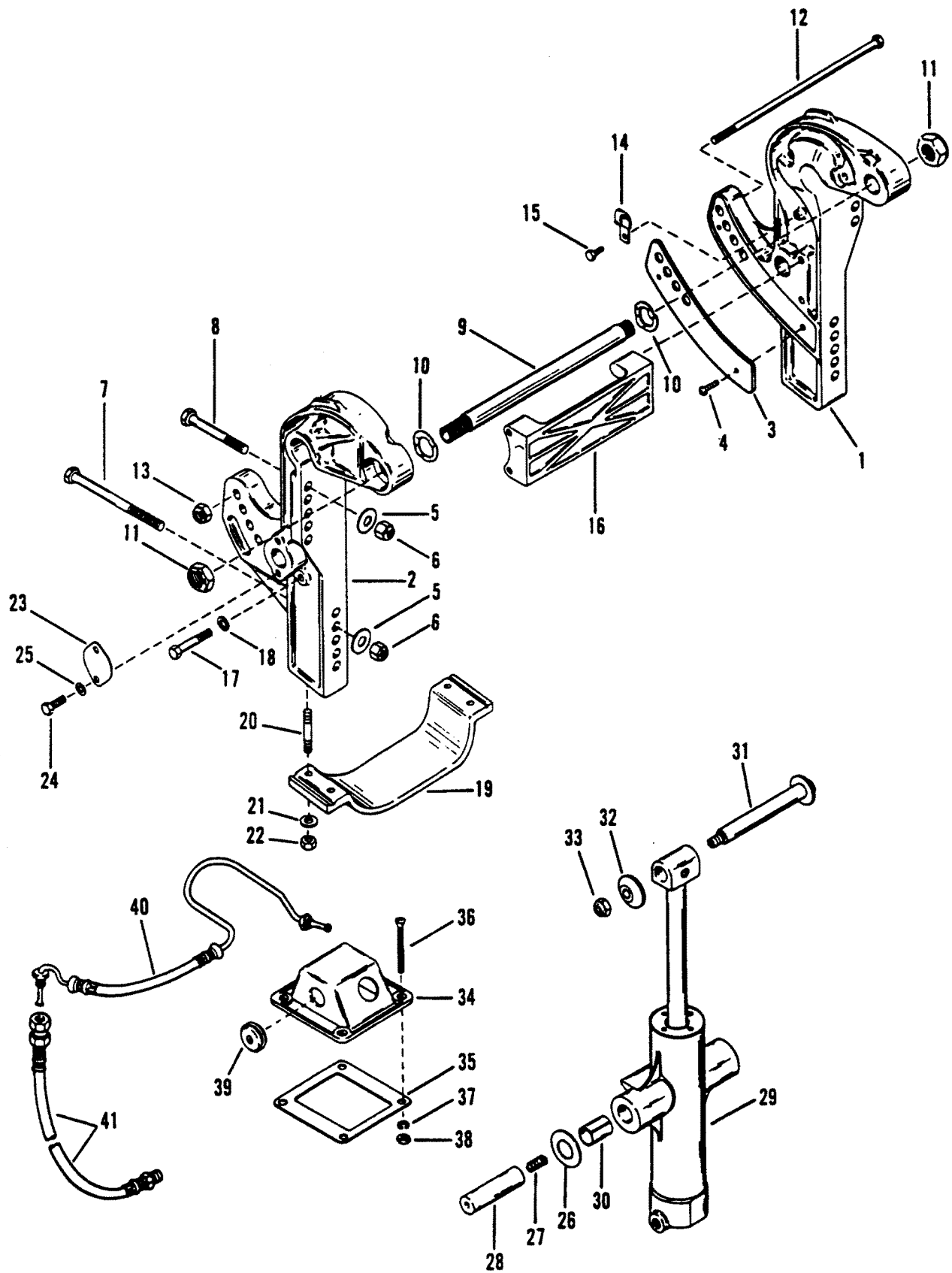
# SWIVEL BRACKET AND STEERING ARM



## SWIVEL BRACKET AND STEERING ARM

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	1491-847723A3		1	SWIVEL BRACKET ASSEMBLY BLACK
	1491-847723A4		1	SWIVEL BRACKET ASSEMBLY GRAY
2	26-847729		2	OIL SEAL
3	23-847726		2	BEARING
4	22-74036		4	GREASE FITTING
5	23-847728		2	BEARING
6	23-822035-24		2	BEARING
8	26-85023		2	OIL SEAL
9	12-87161		2	WASHER
10	25-48171		2	O-RING
11	85030A2		1	TILT LOCK LEVER (PORT)
	85028A2		1	TILT LOCK LEVER (STARBOARD)
12	23-86600		1	BUSHLNG
13	24-85367		1	SPRING
14	41052		1	PLUNGER
15	16-88876		1	STUD
16	86603		1	KNOB
17	86475--1		1	COUPLING
18	17-69745		2	PIN
19	24-88049		1	SPRING
20	18-93861		1	COTTER PIN
21	13-78854		1	WAVE WASHER
22	86580A1		1	BOTTOM YOKE BLACK
	86580A2		1	BOTTOM YOKE GRAY
23	53-67684		1	RETAINING RING
24	17-67706A46		1	SWIVEL PIN AND STEERING ARM BLACK
	17-67706A47		1	SWIVEL PIN AND STEERING ARM GRAY
25	92876A1		1	STEERING LINK ASSEMBLY
26	10-14000		1	SCREW (1-1/4")
27	11-34863		2	NUT
28	12-37828		2	WASHER
29	10-13212--1		2	SCREW
30	12-816056		2	WASHER
-	<b>27-18051A90</b>		-	<b>GASKET SET</b>

# TRANSOM BRACKETS

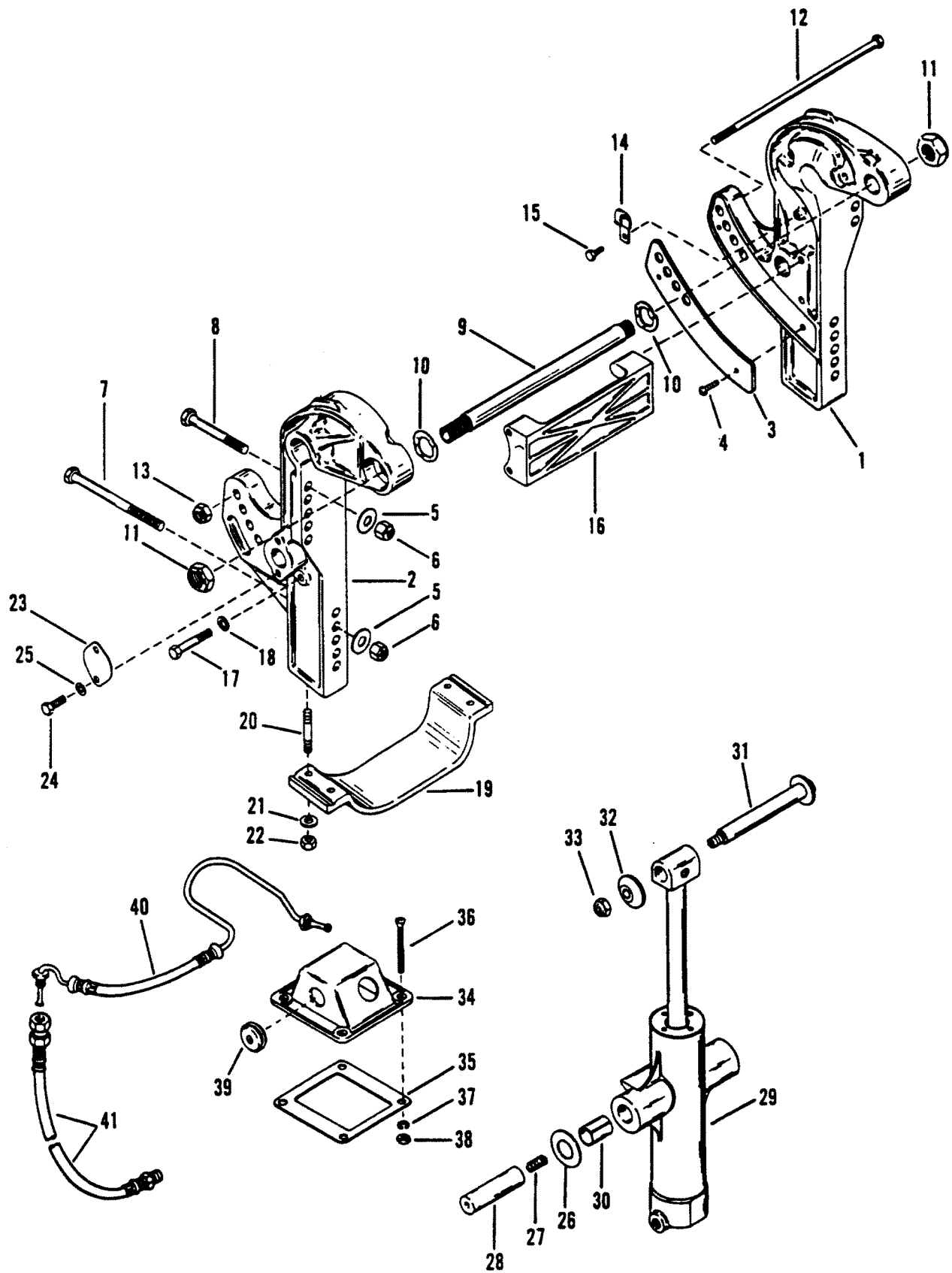


# TRANSOM BRACKETS

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	1494-847800A1		1	TRANSOM BRACKET (PORT) BLACK
2	1495-847801A1		1	TRANSOM BRACKET (STARBOARD) BLACK
1	1494-847800A2		1	TRANSOM BRACKET (PORT) GRAY
2	1495-847801A2		1	TRANSOM BRACKET (STARBOARD) GRAY
3	847798A1		1	WEAR PAD KIT
4	10-86843		4	SCREW
5	12-28421		4	WASHER
6	11-91962		4	NUT
7	10-67755--2		2	SCREW (6-1/2")
8	10-67755--1		2	SCREW (4-1/2")
9	99170A2		1	TILT TUBE
10	13-88750		2	WAVE WASHER
11	11-826164		1	NUT (7/8-14)
	11-826135		1	NUT (1"-14)
12	10-87180		1	BOLT
13	11-20220		1	NUT
14	54-88512		4	J-CLAMP
	54-75275		2	CLAMP
15	10-88829		6	SCREW
16	85035T		1	SPACER BLACK
	85035T6		1	SPACER GRAY
17	10-70732		4	SCREW
18	12-29245		4	WASHER
19	89949A1		1	PLATE ASSEMBLY
20	16-54343		4	STUD
21	12-847539		4	WASHER
22	11-35814		4	NUT
23	85026T		2	PLATE
24	10-28636		4	SCREW
25	12-29245		4	WASHER
26	12-85022		2	WASHER
27	24-30316		2	SPRING
28	17-85020		2	PIVOT PIN
29	79610A17		1	TRIM CYLINDER (79879A1 REPAIR KIT) BLACK
	79610A18		1	TRIM CYLINDER (79879A1 REPAIR KIT) GRAY
30	23-847724		2	BUSHING
31	822075--2		1	TRIM PIN
32	822076		1	RETAINER, TRIM PIN
33	11-20220		1	NUT
34	87871		1	COVER
35	27-87775		1	GASKET
36	10-32866		4	SCREW
37	12-20878		4	WASHER

CONTINUED ON NEXT PAGE ➡

# TRANSOM BRACKETS

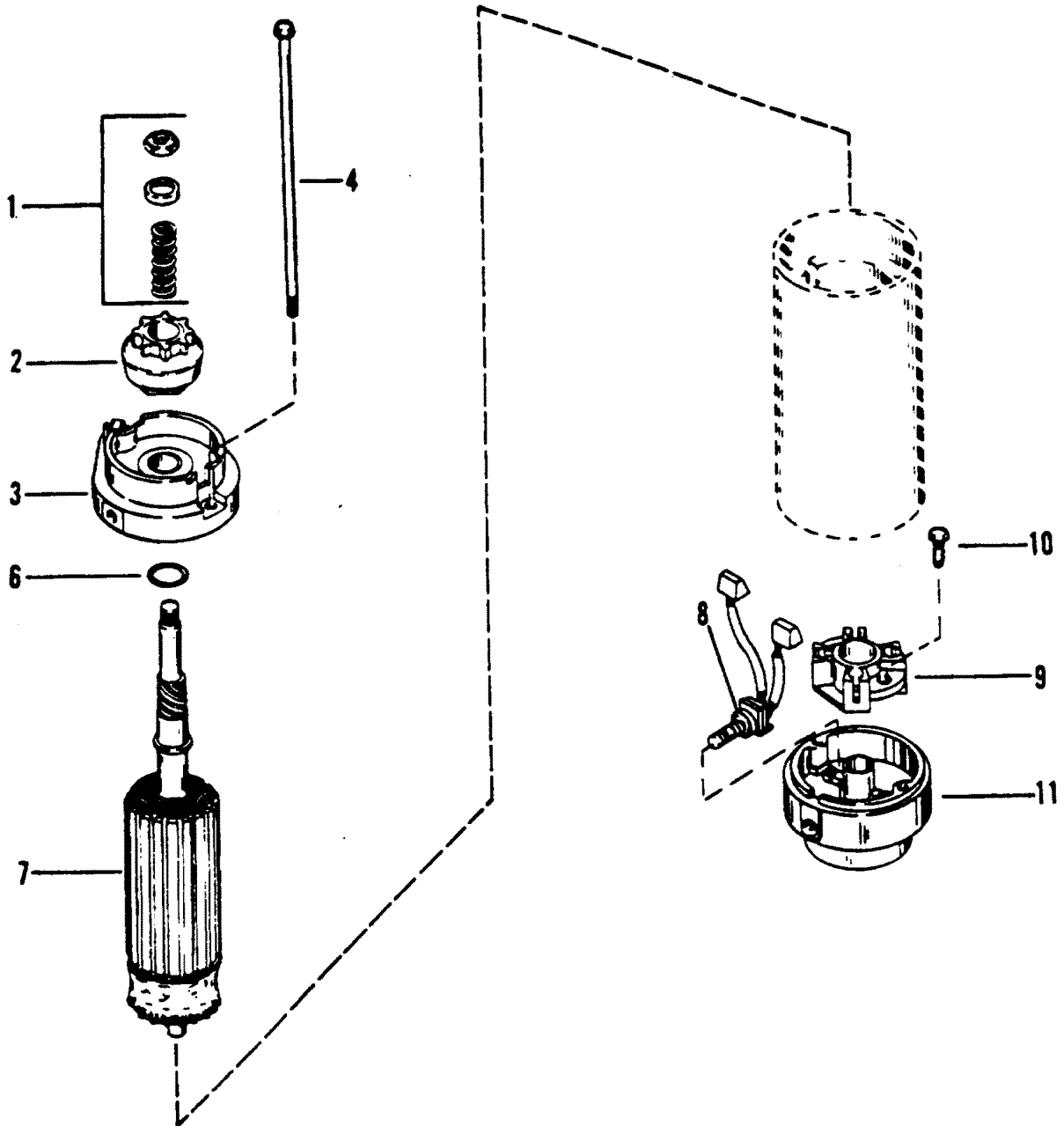




# TRANSOM BRACKETS

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
38	11-29488		4	NUT
39	25-45507		1	GROMMET
40	32-96993		1	HOSE, HYDRAULIC (PORT)
	32-96994		1	HOSE, HYDRAULIC (STARBOARD)
41	32-89024		1	HOSE, HYDRAULIC (PORT)
	32-89023		1	HOSE, HYDRAULIC (STARBOARD)

# STARTER MOTOR ASSEMBLY



# STARTER MOTOR ASSEMBLY

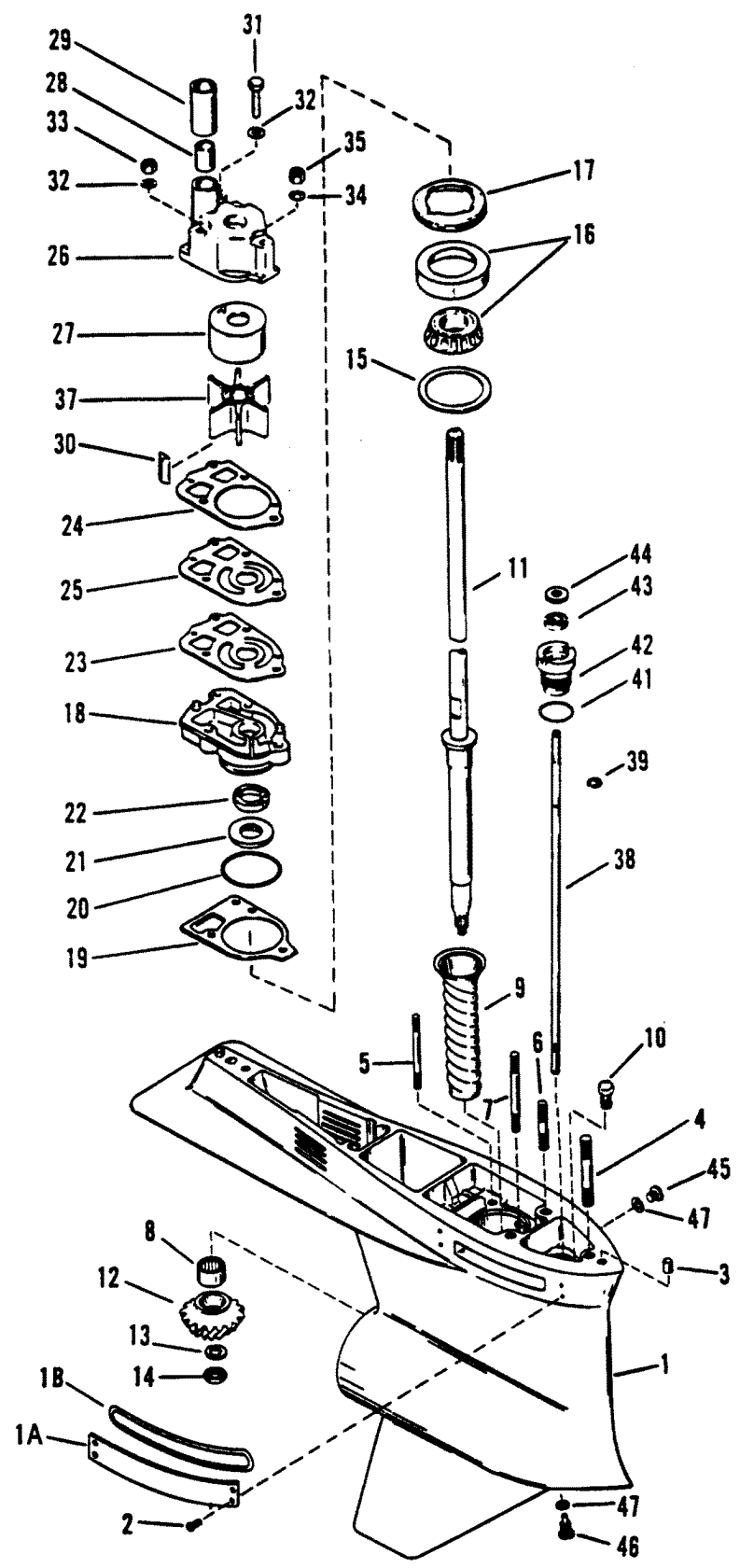
REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	50-79472		1	STARTER MOTOR ASSEMBLY
1	90645		1	DRIVE KIT
2	75661		1	DRIVE
3	75660		1	DRIVE END PLATE
4	10-74968		2	THRU BOLT
6	N.S.S.		1	WASHER (AMERICAN BOSCH #WA3122)
7	79216		1	ARMATURE
8	75384		1	BRUSH SET
9	61787		2	BRUSH HOLDER
10	N.S.S.		2	SCREW(AMER. BOSCH #02441-22-SC-30SM)
11	15386		1	END CAP

# GEAR HOUSING CHART

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	1685-847902A5		1	87 STD. HOUSING BLACK LONG
-	1685-847903A5		1	87 CUT SKEG BLACK LONG
-	1685-847903A17		1	87 LH ROTATION BLACK LONG
-	1685-847902A6		1	2:1 STD. HOUSING BLACK LONG
-	1685-847903A6		1	2:1 CUT SKEG BLACK LONG
-	1685-847903A18		1	2:1 LH ROTATION BLACK LONG
-	1685-847902A7		1	87 STD. HOUSING BLACK X-LONG
-	1685-847903A7		1	87 CUT SKEG BLACK X-LONG
-	1685-847903A19		1	87 LH ROTATION BLACK X-LONG
-	1685-847902A8		1	2:1 STD. HOUSING BLACK X-LONG
-	1685-847903A8		1	2:1 CUT SKEG BLACK X-LONG
-	1685-847903A20		1	2:1 LH ROTATION BLACK X-LONG
-	1685-847902A11		1	87 STD. HOUSING GRAY LONG
-	1685-847903A11		1	87 CUT SKEG GRAY LONG
-	1685-847903A23		1	87 LH ROTATION GRAY LONG
-	1685-847902A12		1	2:1 STD. HOUSING GRAY LONG
-	1685-847903A12		1	2:1 CUT SKEG GRAY LONG
-	1685-847903A24		1	2:1 LH ROTATION GRAY LONG
-	1685-847902A13		1	87 STD. HOUSING GRAY X-LONG
-	1685-847903A13		1	87 CUT SKEG GRAY X-LONG
-	1685-847903A25		1	87 LH ROTATION GRAY X-LONG
-	1685-847902A14		1	2:1 STD. HOUSING GRAY X-LONG
-	1685-847903A14		1	2:1 CUT SKEG GRAY X-LONG
-	1685-847903A26		1	2:1 LH ROTATION GRAY X-LONG

THIS PAGE INTENTIONALLY LEFT BLANK

# GEAR HOUSING (DRIVESHAFT) RHR

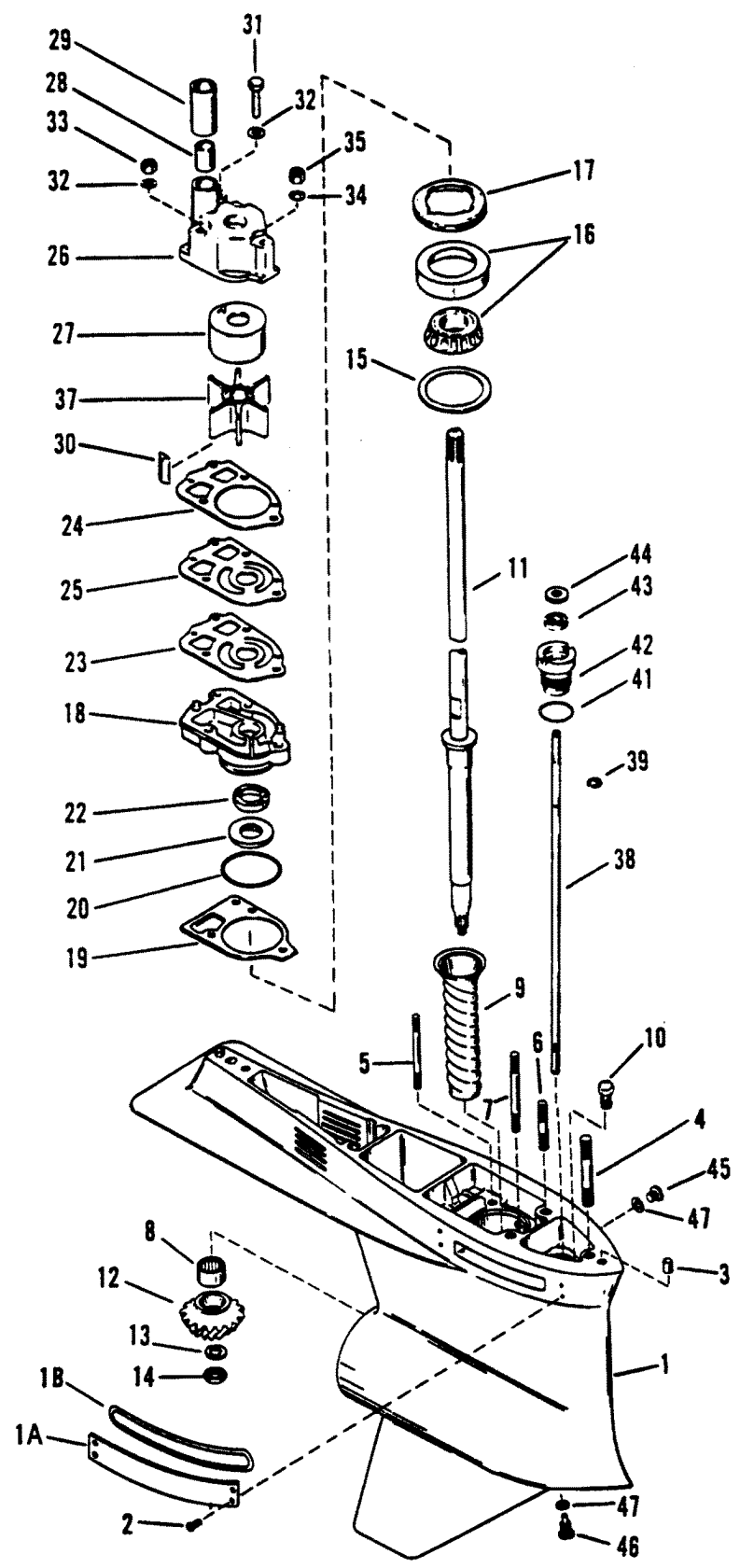


## GEAR HOUSING (DRIVESHAFT) RHR

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	1685-847902A15		1	GEAR HOUSING (BASIC) BLACK <b>FULL SKEG</b>
	1685-847902A16		1	GEAR HOUSING (BASIC) GRAY <b>FULL SKEG</b>
	1685-847903A27		1	GEAR HOUSING (BASIC) BLACK <b>CUT SKEG</b>
	1685-847903A28		1	GEAR HOUSING (BASIC) GRAY <b>CUT SKEG</b>
1A	847950--1		2	COVER BLACK
	847950--2		2	COVER GRAY
1B	25-34776		2	O-RING
2	10-815904		12	SCREW
3	17-43044		2	DOWEL PIN
4	16-78638		1	STUD (3-1/8")
5	16-57920--1		2	STUD (2-1/16")
6	16-56297		1	STUD (3-3/8")
7	16-69501		2	STUD (3-1/4")
8	31-42647A1		1	ROLLER BEARING
9	23-43998		1	SLEEVE
10	22-847949		1	PIPE PLUG
11	45-44000--6		1	DRIVE SHAFT
12	N.S.S.		1	GEAR (PART OF 43-44104A7 & 43-44102A5)
13	12-92721		1	WASHER
14	11-35921		1	NUT
15	15-42637A1		AR	SHIM ASSEMBLY
16	31-36387A1		1	ROLLER BEARING
17	824519		1	RETAINER
18	46-44292A3		1	WATER PUMP BASE ASSEMBLY
19	27-42631--1		1	GASKET
20	25-90011		1	O-RING
21	26-89238		1	OIL SEAL
22	26-16977		1	OIL SEAL
23	27-18051		1	GASKET (LOWER)
24	27-85609--1		1	GASKET (UPPER)
25	32435		1	FACE PLATE
-	<b>27-18051A90</b>		-	<b>GASKET SET</b>
1	1685-847902A15		1	GEAR HOUSING (BASIC) BLACK <b>FULL SKEG</b>
	1685-847902A16		1	GEAR HOUSING (BASIC) GRAY <b>FULL SKEG</b>
	1685-847903A27		1	GEAR HOUSING (BASIC) BLACK <b>CUT SKEG</b>
	1685-847903A28		1	GEAR HOUSING (BASIC) GRAY <b>CUT SKEG</b>
26	46-847710A1		1	WATER PUMP BODY ASSEMBLY <b>3/4"</b>
27	48752		1	INSERT <b>3/4"</b>
28	26-88397		1	SEAL <b>3/4"</b>
29	23-847685		1	SLEEVE <b>3/4"</b>
26	46-96148A1		1	WATER PUMP BODY ASSEMBLY
27	48752		1	INSERT
28	26-38970		1	SEAL

CONTINUED ON NEXT PAGE ➡

# GEAR HOUSING (DRIVESHAFT) RHR

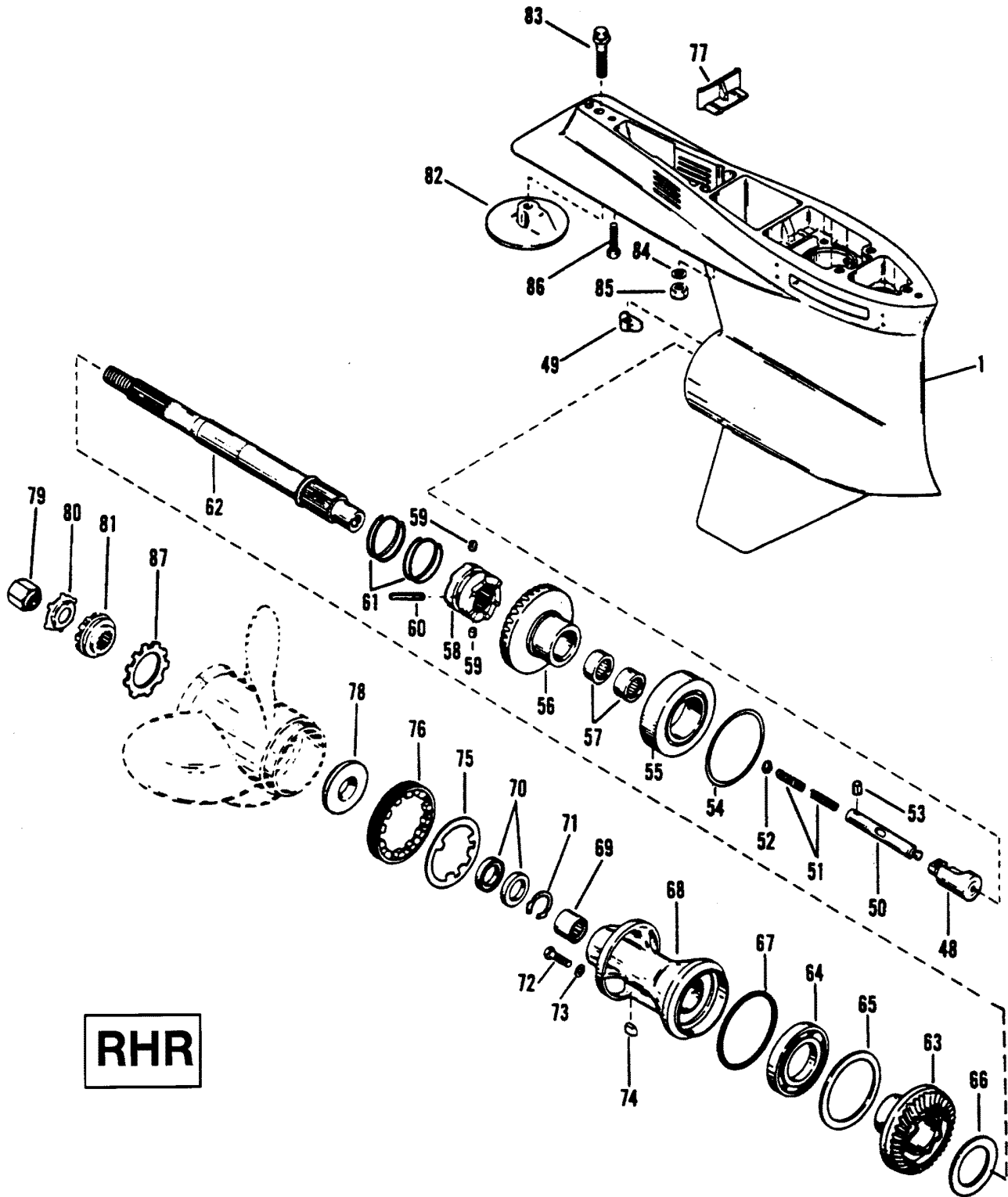




## GEAR HOUSING (DRIVESHAFT) RHR

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
29	23-29804		1	SLEEVE
30	28-56654		1	KEY
31	10-96411		1	SCREW (2-1/4")
32	12-29245		2	WASHER
33	11-13438		2	NUT
34	12-36001		1	WASHER
35	11-13436		1	NUT
37	47-89984--2		1	IMPELLER
38	78902--2		1	SHIFT SHAFT (LOWER)
39	53-29641		1	E-RING (USE WHERE APPLICABLE)
41	25-25439		1	O-RING
42	23-77631A2		1	BUSHING ASSEMBLY
43	26-816464--1		1	OIL SEAL
44	12-77674		1	RUBBER WASHER
45	10-79953		1	SCREW PLUG
46	22-67892		1	DRAIN SCREW (MAGNETIC)
47	12-19183		2	SEALING WASHER
-	<b>27-18051A90</b>		-	<b>GASKET SET</b>

# GEAR HOUSING (PROPELLER SHAFT) RHR

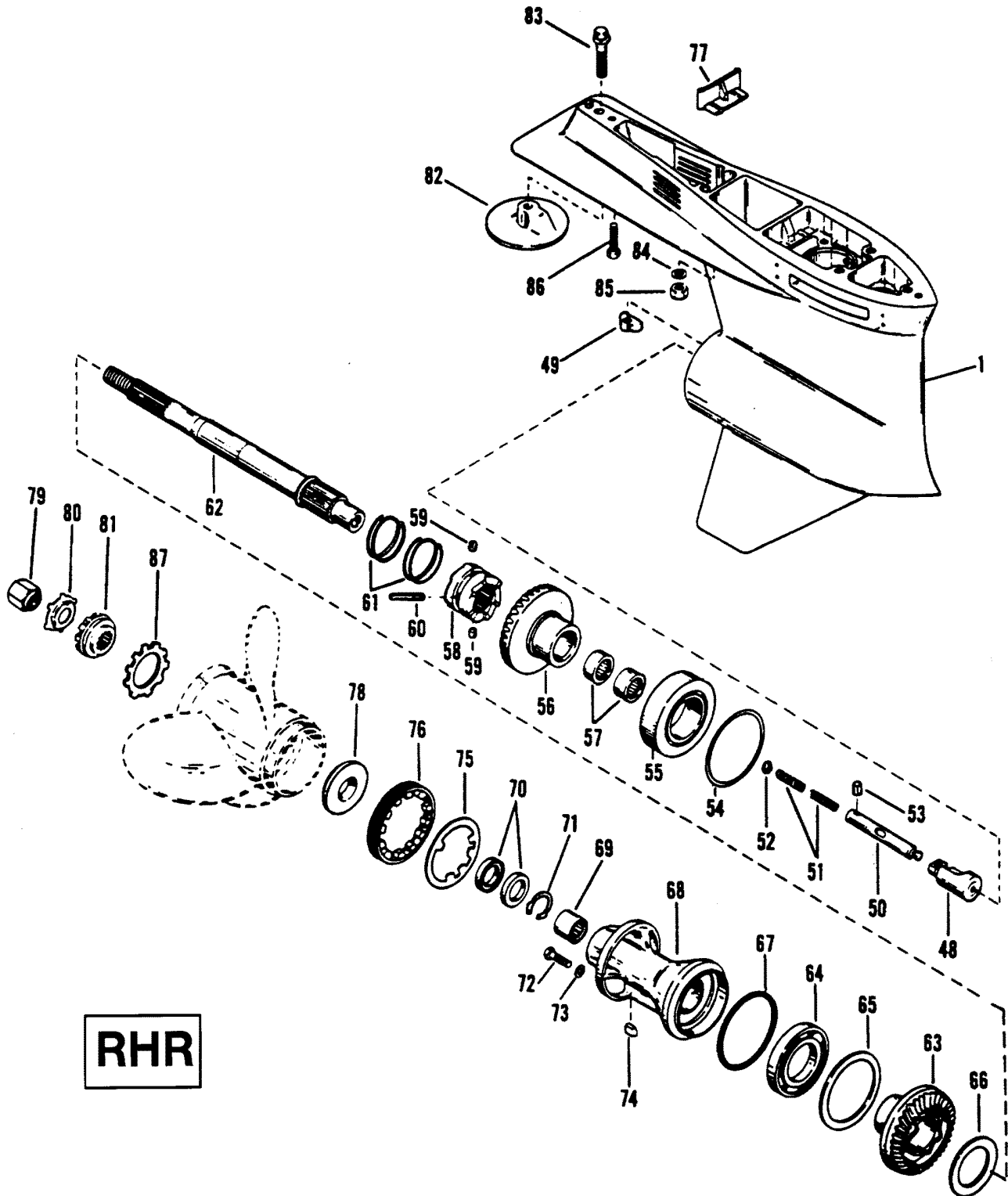


## GEAR HOUSING (PROPELLER SHAFT) RHR

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	1685-847902A15		1	GEAR HOUSING (BASIC) BLACK FULL SKEG
	1685-847902A16		1	GEAR HOUSING (BASIC) GRAY FULL SKEG
	1685-847903A27		1	GEAR HOUSING (BASIC) BLACK CUT SKEG
	1685-847903A28		1	GEAR HOUSING (BASIC) GRAY CUT SKEG
48	89594A1		1	CAM FOLLOWER
49	78956		1	SHIFT CAM
50	79911--1		1	ROD
51	24-79910		2	SPRING
52	12-78910		2	WASHER
53	17-78906		1	PIN
54	15-47397A1		AR	SHIM
55	31-78172A1		1	TAPERED ROLLER BEARING
56	43-44102A5		1	FORWARD GEAR SET (2:1)
	43-44104A7		1	FORWARD GEAR SET (INCLUDES REVERSE GEAR) (1.87)
57	31-54928--1		1	ROLLER BEARING
58	52-42672		1	RATCHET
59	17-78909		2	DETENT PIN
60	17-42671		1	CROSS PIN
61	24-78962		2	SPRING
62	44-822820F1		1	PROPELLER SHAFT
63	43-847632A1		1	REVERSE GEAR (2:1)
	43-822824A1		1	REVERSE GEAR (1.87)
64	30-88957A1		1	BALL BEARING
65	68100--1		1	THRUST RING
66	23-822823		1	THRUST RING
67	25-31534		1	O-RING
68	847610A1		1	BEARING CARRIER
69	31-817072		1	ROLLER BEARING
70	26-815565		2	OIL SEAL
71	53-817071		1	SNAP RING
72	22-67892		1	SCREW PLUG
73	12-19183		1	SEALING WASHER
74	28-30281		1	KEY
75	14-79447		1	TAB WASHER
76	15840--1		1	COVER
77	67891		1	FILLER BLOCK
78	13171--1		1	THRUST HUB
79	11-52707A1		1	PROPELLER NUT
80	14-816629		1	TAB WASHER
81	12-31211A2		1	WASHER
82	76214A5		1	ANODIC PLATE
83	10-66024		1	SCREW

CONTINUED ON NEXT PAGE ➡

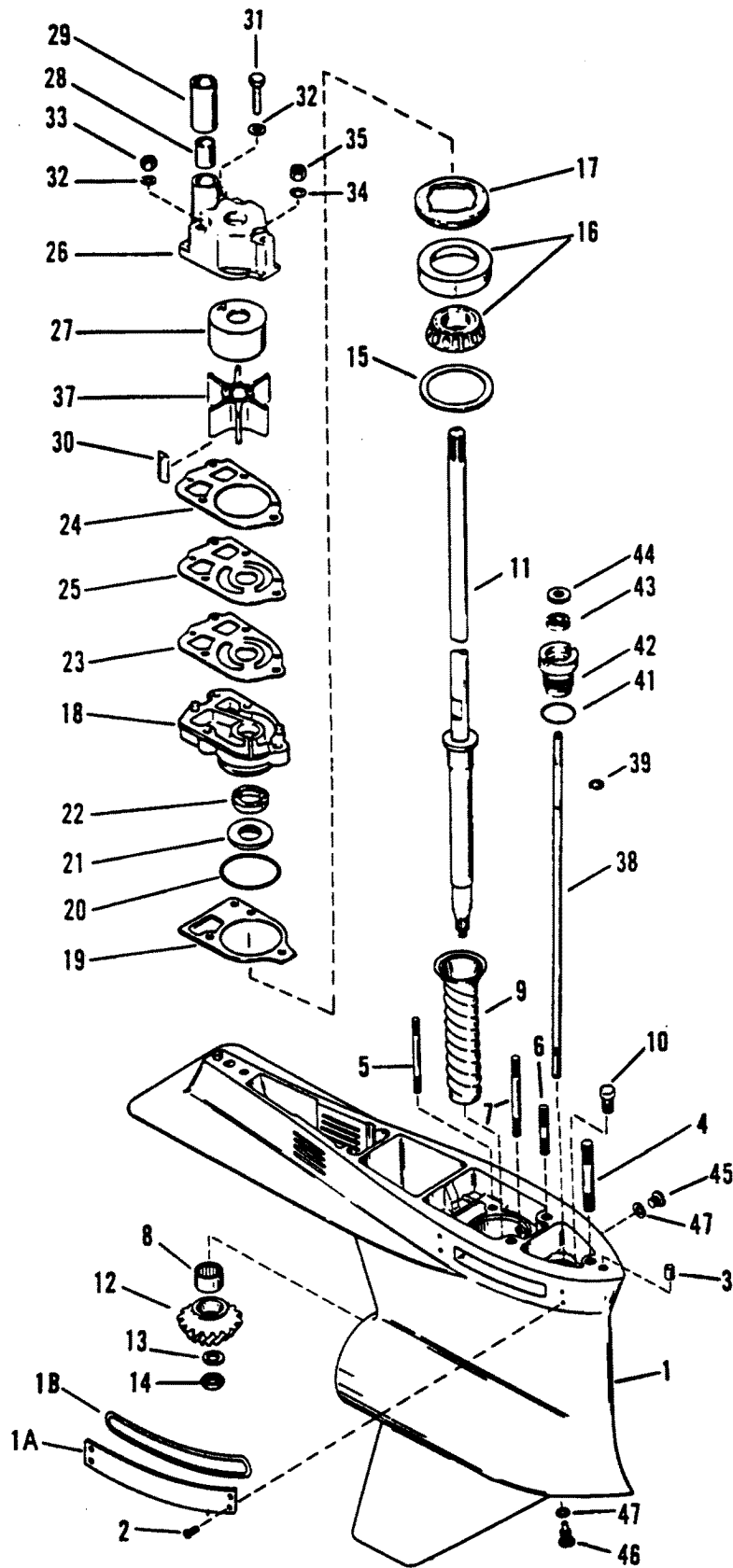
# GEAR HOUSING (PROPELLER SHAFT) RHR



## GEAR HOUSING (PROPELLER SHAFT) RHR

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
84	12-822836		2	WASHER
85	11-34933		2	NUT
86	10-30206		1	SCREW
87	13-42351--1		1	LOCKWASHER
-	<b>27-18051A90</b>		-	<b>GASKET SET</b>

# GEAR HOUSING (DRIVESHAFT) LHR

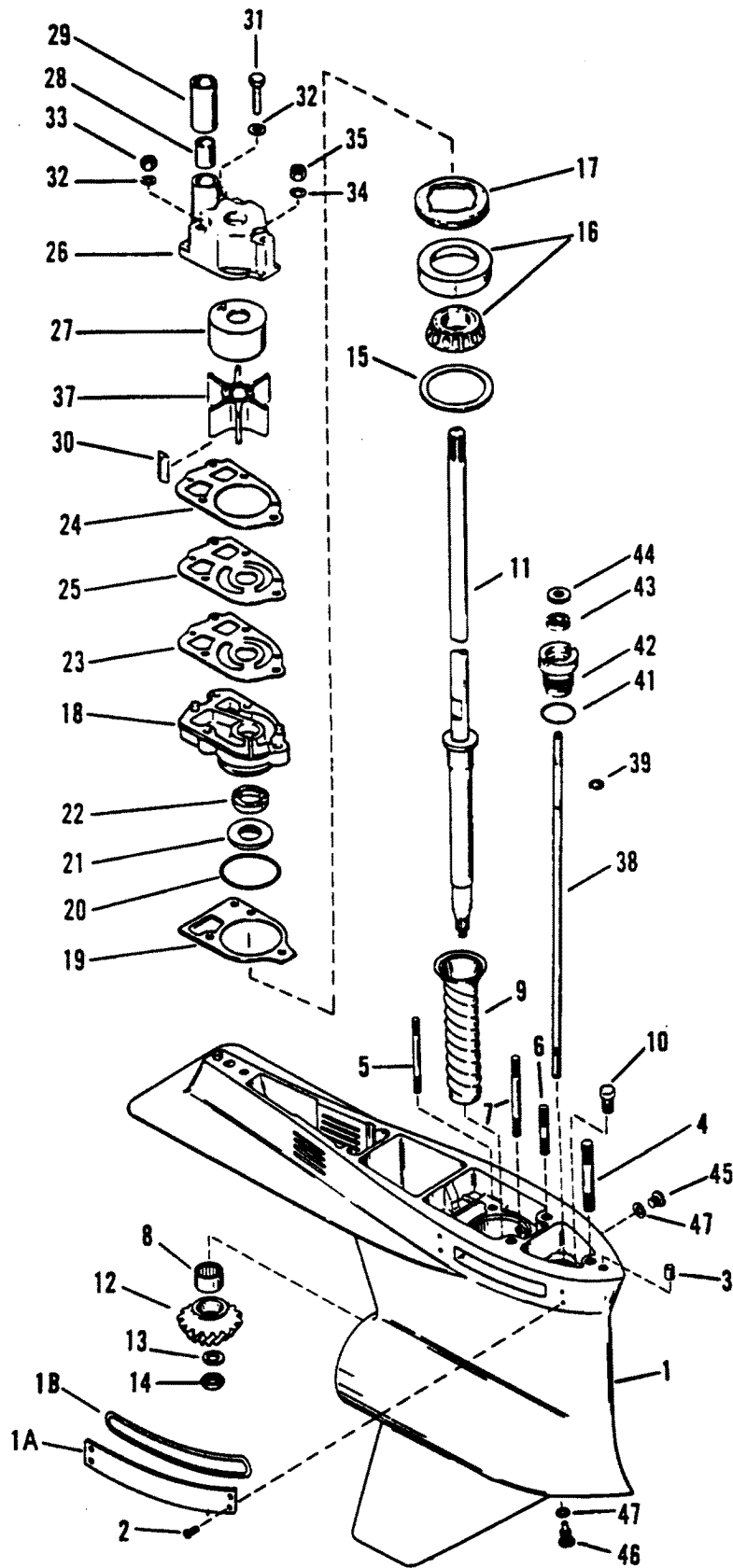


## GEAR HOUSING (DRIVESHAFT) LHR

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	1685-847902A15		1	GEAR HOUSING (BASIC) BLACK <b>FULL SKEG</b>
	1685-847902A16		1	GEAR HOUSING (BASIC) GRAY <b>FULL SKEG</b>
	1685-847903A27		1	GEAR HOUSING (BASIC) BLACK <b>CUT SKEG</b>
	1685-847903A28		1	GEAR HOUSING (BASIC) GRAY <b>CUT SKEG</b>
1A	847950--1		2	COVER BLACK
	847950--2		2	COVER GRAY
1B	25-34776		2	O-RING
2	10-815904		12	SCREW
3	17-43044		2	DOWEL PIN
4	16-78638		1	STUD (3-1/8")
5	16-57920--1		2	STUD (2-1/16")
6	16-56297		1	STUD (3-3/8")
7	16-69501		2	STUD (3-1/4")
8	31-42647A1		1	ROLLER BEARING
9	23-43998		1	SLEEVE
10	22-847949		1	PIPE PLUG
11	45-44000--6		1	DRIVE SHAFT
12	N.S.S.		1	GEAR (PART OF 43-15845A2 & 43-817515A2)
13	12-92721		1	WASHER
14	11-35921		1	NUT
15	15-42637A1		AR	SHIM ASSEMBLY
16	31-36387A1		1	ROLLER BEARING
17	824519		1	RETAINER
18	46-44292A3		1	WATER PUMP BASE ASSEMBLY
19	27-42631--1		1	GASKET
20	25-90011		1	O-RING
21	26-89238		1	OIL SEAL
22	26-16977		1	OIL SEAL
23	27-18051		1	GASKET (LOWER)
24	27-85609--1		1	GASKET (UPPER)
25	32435		1	FACE PLATE
-	<b>27-18051A90</b>		-	<b>GASKET SET</b>
1	1685-847902A15		1	GEAR HOUSING (BASIC - ) BLACK <b>FULL SKEG</b>
	1685-847902A16		1	GEAR HOUSING (BASIC - ) GRAY <b>FULL SKEG</b>
	1685-847903A27		1	GEAR HOUSING (BASIC - ) BLACK <b>CUT SKEG</b>
	1685-847903A28		1	GEAR HOUSING (BASIC - ) GRAY <b>CUT SKEG</b>
26	46-847710A1		1	WATER PUMP BODY ASSEMBLY <b>3/4"</b>
27	48752		1	INSERT <b>3/4"</b>
28	26-88397		1	SEAL <b>3/4"</b>
29	23-847685		1	SLEEVE <b>3/4"</b>
26	46-96148A1		1	WATER PUMP BODY ASSEMBLY
27	48752		1	INSERT
28	26-38970		1	SEAL

CONTINUED ON NEXT PAGE ➡

# GEAR HOUSING (DRIVESHAFT) LHR

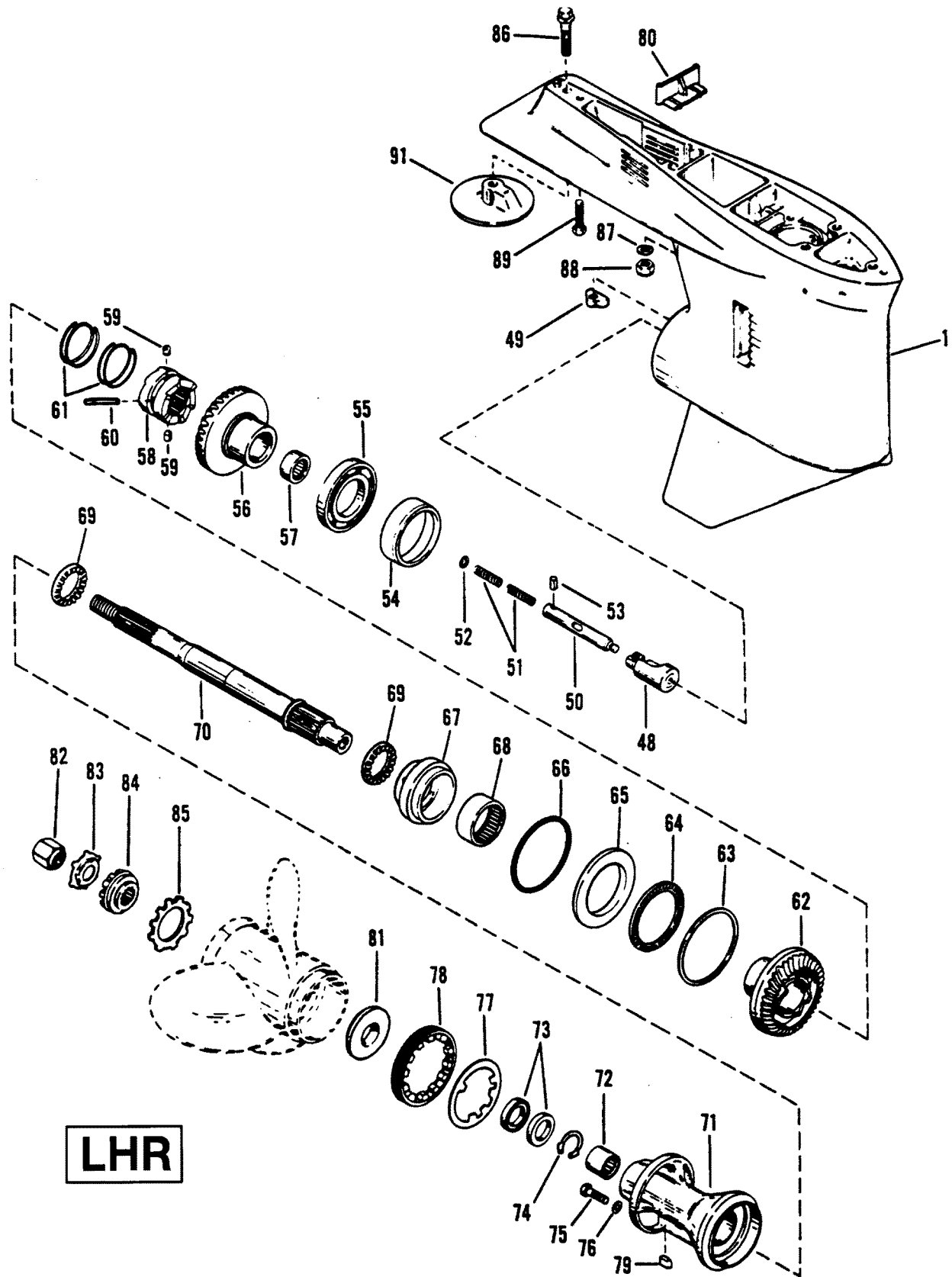




## GEAR HOUSING (DRIVESHAFT) LHR

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
29	23-29804		1	SLEEVE
30	28-56654		1	KEY
31	10-96411		1	SCREW (2-1/4")
32	12-29245		2	WASHER
33	11-13438		2	NUT
34	12-36001		1	WASHER
35	11-13436		1	NUT
37	47-89984--2		1	IMPELLER
38	78902--2		1	SHIFT SHAFT (LOWER)
39	53-29641		1	E-RING
41	25-25439		1	O-RING
42	23-77631A2		1	BUSHING ASSEMBLY
43	26-816464--1		1	OIL SEAL
44	12-77674		1	RUBBER WASHER
45	10-79953		1	SCREW PLUG
46	22-67892		1	DRAIN SCREW (MAGNETIC)
47	12-19183		2	SEALING WASHER
-	<b>27-18051A90</b>		-	<b>GASKET SET</b>

# GEAR HOUSING (PROPELLER SHAFT) LHR



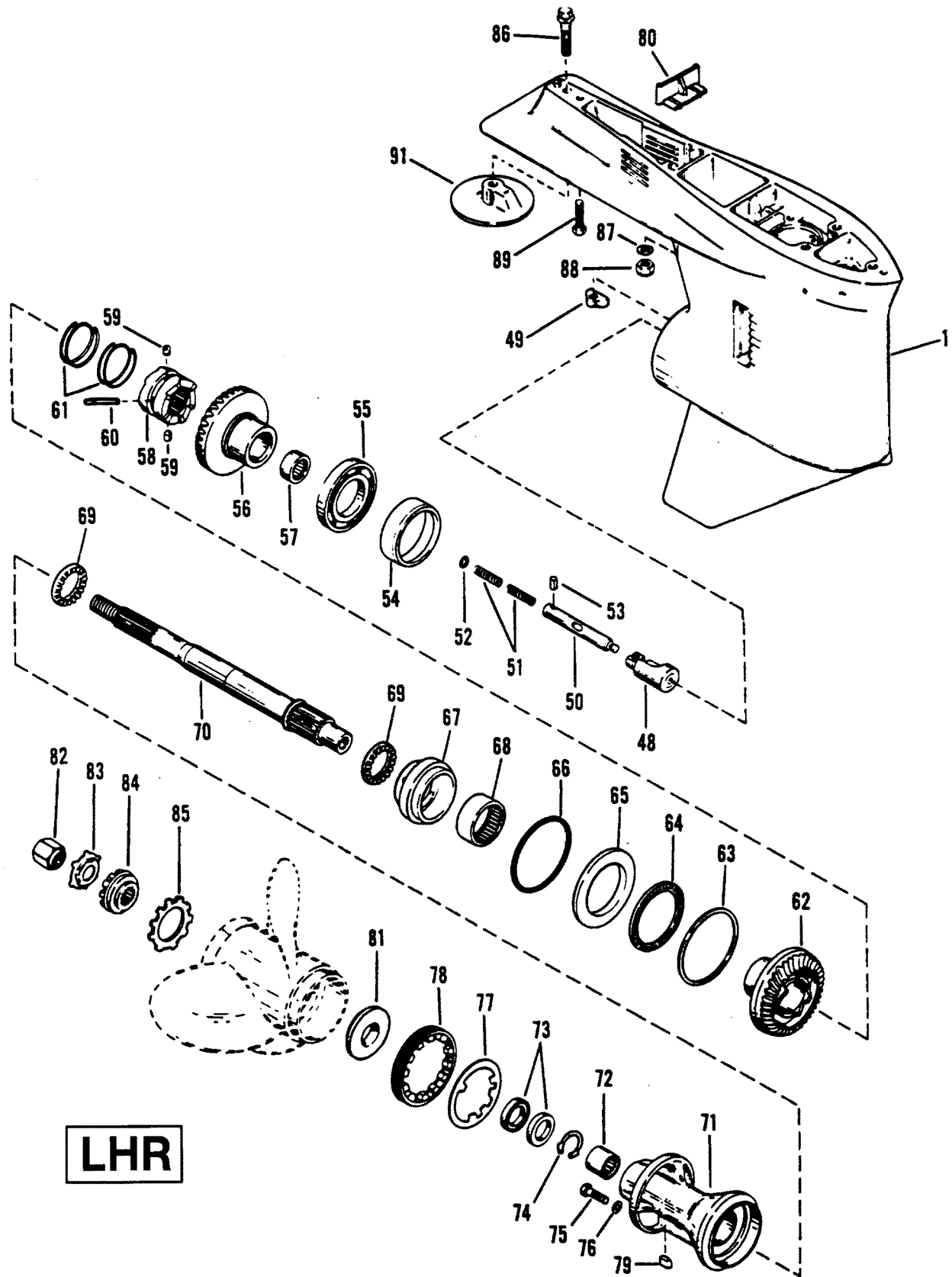
**LHR**

## GEAR HOUSING (PROPELLER SHAFT) LHR

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	1685-847902A15		1	GEAR HOUSING (BASIC) BLACK <b>FULL SKEG</b>
	1685-847902A16		1	GEAR HOUSING (BASIC) GRAY <b>FULL SKEG</b>
	1685-847903A27		1	GEAR HOUSING (BASIC) BLACK <b>CUT SKEG</b>
	1685-847903A28		1	GEAR HOUSING (BASIC) GRAY <b>CUT SKEG</b>
48	89594A1		1	CAM FOLLOWER
49	78956		1	SHIFT CAM
50	79911--1		1	ROD
51	24-79910		2	SPRING
52	12-78910		AR	WASHER
53	17-78906		1	PIN
54	14469		1	BEARING CUP
55	30-88957A1		1	BALL BEARING
56	N.S.S.		1	REVERSE GEAR (PART OF 43-15845A2)(1.87)
	43-817516A1		1	REVERSE GEAR (2:1)
57	31-15844		1	ROLLER BEARING
58	52-42672		1	RATCHET
59	17-78909		2	DETENT PIN
60	17-42671		1	CROSS PIN
61	24-78962		2	SPRING
62	43-15845A2		1	FORWARD GEAR (1.87)
	43-817515A2		1	FORWARD GEAR (2:1)
63	23-17615--1		AR	SPACER SHIM (.125")
	23-17615--2		AR	SPACER SHIM (.127")
	23-17615--3		AR	SPACER SHIM (.129")
	23-17615--4		AR	SPACER SHIM (.131")
	23-17615--5		AR	SPACER SHIM (.133")
	23-17615--6		AR	SPACER SHIM (.135")
	23-17615--7		AR	SPACER SHIM (.137")
	23-17615--8		AR	SPACER SHIM (.139")
	23-17615--9		AR	SPACER SHIM (.141")
	23-17615-10		AR	SPACER SHIM (.143")
	23-17615-11		AR	SPACER SHIM (.145")
	23-17615-12		AR	SPACER SHIM (.147")
	23-17615-13		AR	SPACER SHIM (.149")
1	1685-847902A15		1	GEAR HOUSING (BASIC) BLACK <b>FULL SKEG</b>
	1685-847902A16		1	GEAR HOUSING (BASIC) GRAY <b>FULL SKEG</b>
	1685-847903A27		1	GEAR HOUSING (BASIC) BLACK <b>CUT SKEG</b>
	1685-847903A28		1	GEAR HOUSING (BASIC) GRAY <b>CUT SKEG</b>
64	31-15841		1	ROLLER BEARING
65	12-17616		1	THRUST RING
66	25-31534		1	O-RING
67	15838A2		1	BEARING ADAPTOR
68	31-15843		1	ROLLER BEARING

CONTINUED ON NEXT PAGE ➡

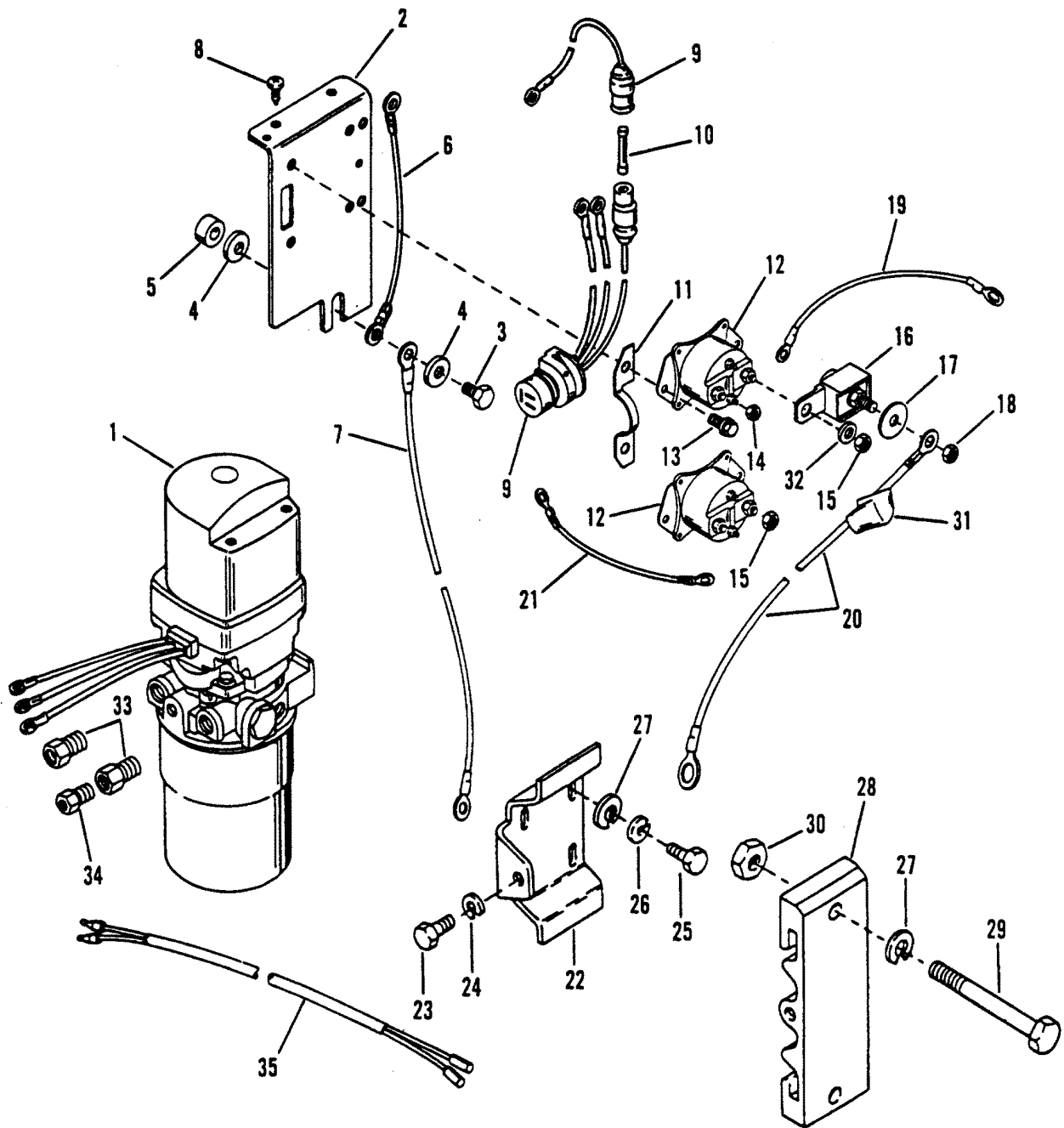
# GEAR HOUSING (PROPELLER SHAFT) LHR



## GEAR HOUSING (PROPELLER SHAFT) LHR

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
69	31-15834		2	THRUST BEARING
70	44-815495T		1	PROPELLER SHAFT
71	847616A1		1	BEARING CARRIER
72	31-817072		1	ROLLER BEARING
73	26-815565		2	OIL SEAL
74	53-817071		1	SNAP RING
75	22-67892		1	SCREW PLUG
76	12-19183		1	WASHER
77	14-79447		1	TAB WASHER
78	15840--1		1	COVER
79	28-30281		1	KEY
80	67891		1	FILLER BLOCK
81	13171--1		1	THRUST HUB
82	11-52707A1		1	PROPELLER NUT
83	14-816629		1	TAB WASHER
84	12-31211A2		1	WASHER
85	13-42351--1		1	LOCKWASHER
86	10-41350		1	SCREW (SHORT)
	10-66024		1	SCREW (LONG)
87	12-822836		2	WASHER
88	11-34933		2	NUT
89	10-30206		1	SCREW
91	76214--3		1	ANODIC PLATE (SHORT)
	76214A5		1	ANODIC PLATE (LONG)

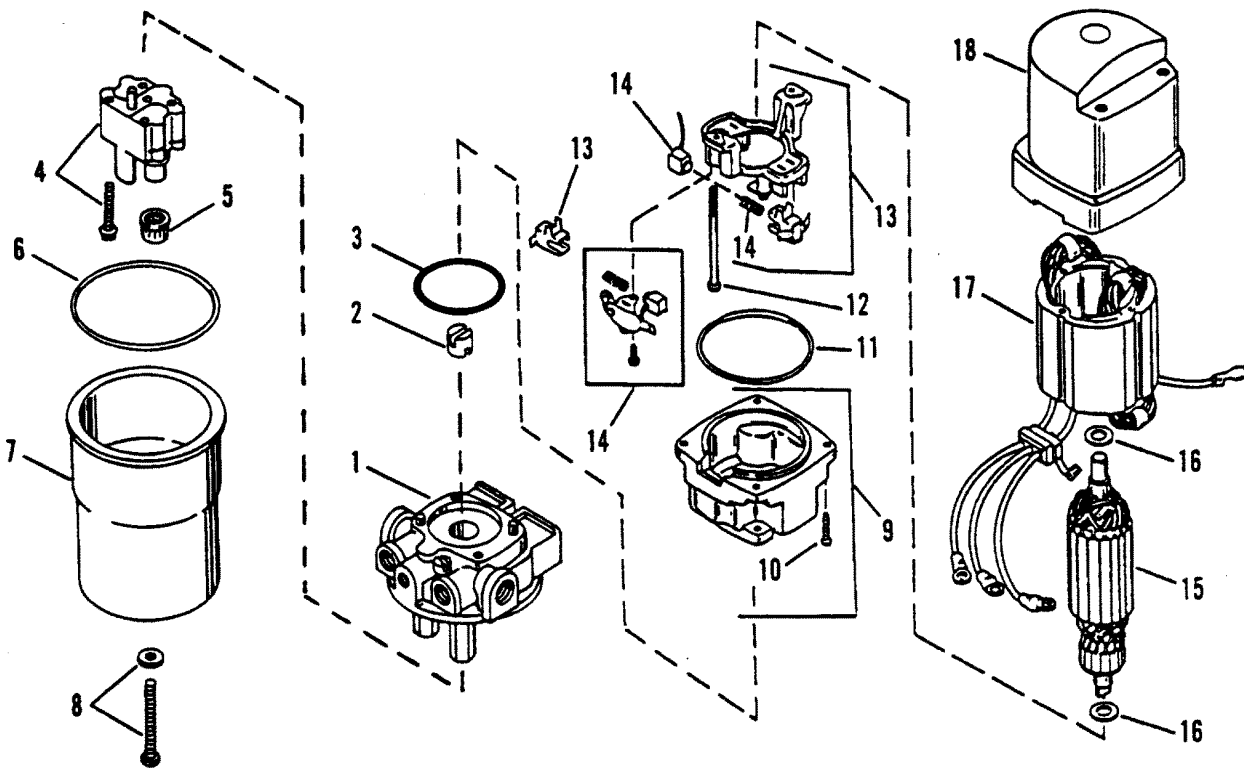
# HYDRAULIC PUMP AND MOUNTING BRACKETS



# HYDRAULIC PUMP AND MOUNTING BRACKETS

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	846859A4		1	HYDRAULIC PUMP (COMPLETE)
1	818161A4		1	HYDRAULIC PUMP ASSEMBLY
2	818567		1	BRACKET
3	10-38837		1	SCREW (1")
4	12-57792		2	WASHER
5	23-34948		1	SPACER
6	84-65999A12		1	CABLE
7	84-79138A9		1	BATTERY CABLE (NEGATIVE)
8	10-92051		2	SCREW
9	84-79147A5		1	HARNESS ASSEMBLY
10	88-79091		1	FUSE (20 AMP)
11	88075		1	RETAINER
12	89-68258A4		2	SOLENOID
13	10-41508		4	SCREW (3/8")
14	11-20110		4	NUT (#10-32)
15	11-26484		4	NUT (5/16-18)
16	88-79023A10		1	FUSE (110 AMP)
17	12-96457		1	WASHER
18	11-21825		1	NUT
19	84-65999A11		1	CABLE
20	84-79139A12		1	BATTERY CABLE (RED-POSITIVE)
21	84-79139A26		1	WIRE (RED)
22	87760		1	MOUNTING PLATE
23	10-39349		1	SCREW (3/4")
24	13-26993		1	LOCKWASHER
25	10-90271		2	SCREW (5/8")
26	13-58643		2	LOCKWASHER
27	12-45175		4	LOCKWASHER
28	87762		1	BRACKET
29	10-63826		2	BOLT (2-1/2")
30	11-68411		2	NUT
31	46265		4	BOOT
32	12-22753		4	WASHER
33	22-77366		2	CONNECTOR
34	22-818200		1	FITTING
35	84-65017A14		1	TILT HARNESS

# HYDRAULIC PUMP ASSEMBLY

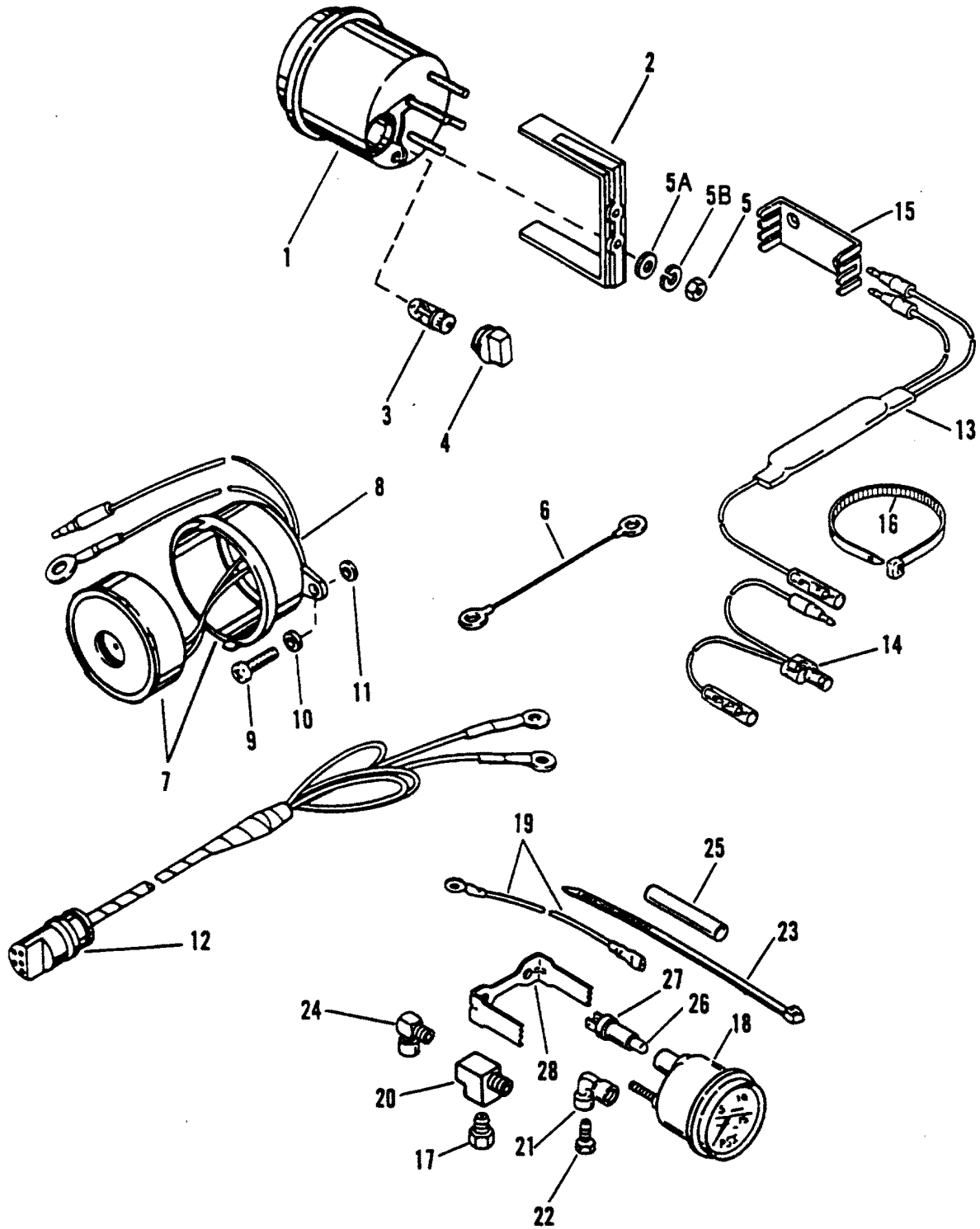




# HYDRAULIC PUMP ASSEMBLY

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
-	<b>818161A4</b>		<b>1</b>	<b>HYDRAULIC PUMP ASSEMBLY</b>
1	811491		1	ADAPTOR
2	89493		1	COUPLING
3	25-89498		1	O-RING, MOTOR END
4	811492		1	PUMP (INCLUDES SCREWS)
5	35-89496		2	FILTER
6	25-89497		1	O-RING, RESERVOIR END
7	41219		1	RESERVOIR
8	10-811493		1	SCREW KIT
-	<b>17649</b>		<b>1</b>	<b>MOTOR</b>
9	17632		1	END FRAME W/ BEARING
10	10-17626		4	SCREW
11	25-17625		1	O-RING
12	10-17621		2	SCREW
13	17633		1	BRUSH HOLDER KIT
14	17631A1		1	BRUSH SET
15	17623		1	ARMATURE
16	12-17653		2	THRUST WASHER
17	17624		1	FIELD AND FRAME
18	17622		1	HOUSING W/BEARING

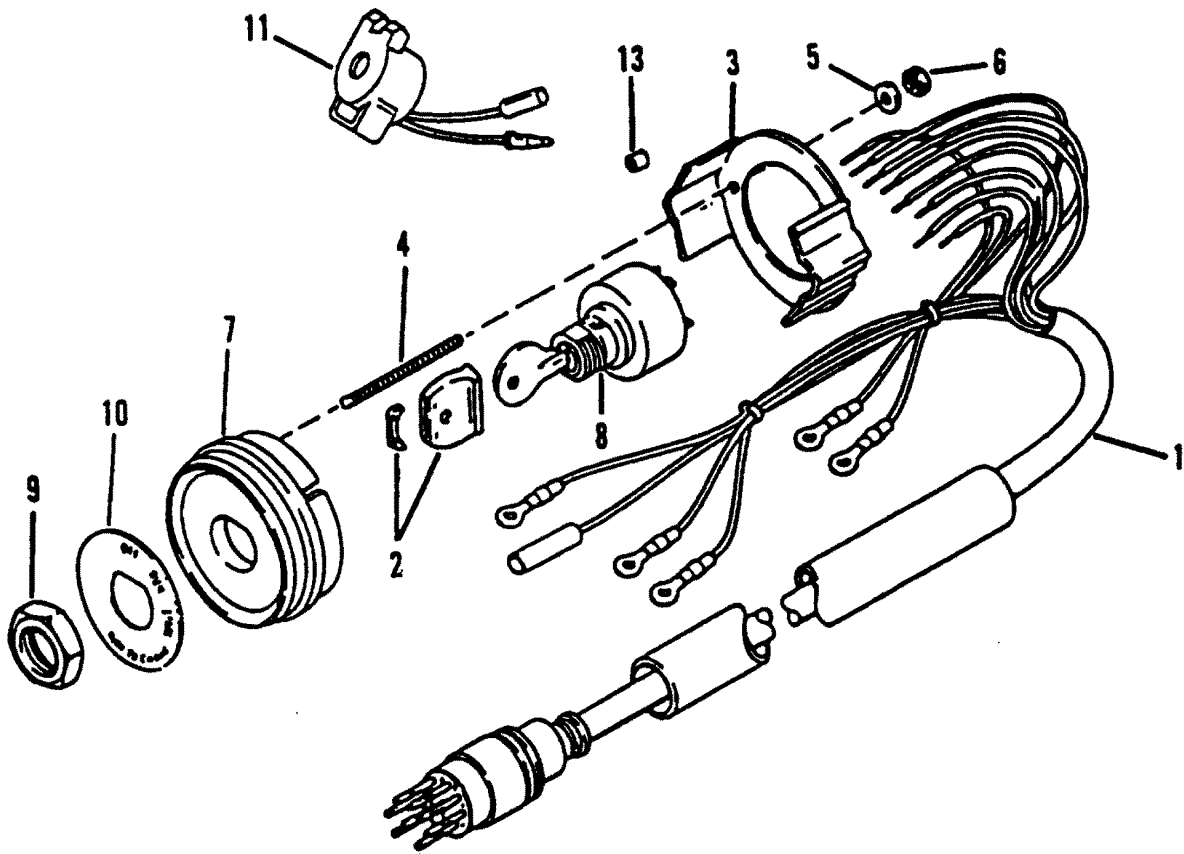
# INSTRUMENTATION



# INSTRUMENTATION

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	79-93953A1		1	TACHOMETER
2	79101T		1	BRACKET
3	88-72729		1	LIGHT BULB
4	88-79888		1	SOCKET
5	11-26419		5	NUT
5A	12-24676		AR	WASHER
5B	13-26995		AR	LOCKWASHER
6	84-86322A7		1	WIRE (BLACK - 1-1/2")
	84-86323A5		1	WIRE (PURPLE - 1-1/2")
7	68878A6		1	ALARM HORN AND WIRE ASSEMBLY
8	68879		1	COVER
9	10-35401		2	SCREW
10	12-26427		2	WASHER
11	23-79697		2	SPACER
12	84-86396A8		1	HARNESS
13	812497A2		1	DIODE KIT
14	84-11149A2		1	CABLE ASSEMBLY
15	79146		2	RETAINER
16	54-816311		AR	STA-STRAP
17	22-36492		1	BUSHING
18	79-825331A1		1	30 PSI GAUGE KIT
19	84-88532A1		1	CABLE ASSEMBLY (DARK BLUE)
	84-86322A16		1	CABLE ASSEMBLY (BLACK)
20	22-64706		1	TEE FITTING
21	22-63651		2	ELBOW
22	22-63670		2	FITTING
23	54-816311		5	STA-STRAP
24	22-77863		1	FITTING
25	32-64088--6		1	TUBING
26	88-95691		1	BULB
27	13631		1	SOCKET
28	17654		1	BRACKET

# KEY SWITCH



# KEY SWITCH

REF. NO.	PART NO.	SYM.	QTY.	DESCRIPTION
1	84-816626A20		1	KEY SWITCH ASSEMBLY (20 )
2	90468A1		2	COVER
3	76424		1	BRACKET
4	16-55422		2	STUD
5	12-24676		2	WASHER
6	11-68219		2	NUT
7	816479A3		1	PLATE
8	87-88107		1	IGNITION SWITCH (See Below for Replacement Keys))
-	<b>89491--1</b>		<b>AR</b>	<b>KEY-Ignition Switch (1A)</b>
-	<b>89491--2</b>		<b>AR</b>	<b>KEY-Ignition Switch (1B)</b>
-	<b>89491--3</b>		<b>AR</b>	<b>KEY-Ignition Switch (1C)</b>
-	<b>89491--4</b>		<b>AR</b>	<b>KEY-Ignition Switch (1D)</b>
-	<b>89491--5</b>		<b>AR</b>	<b>KEY-Ignition Switch (1E)</b>
-	<b>89491--6</b>		<b>AR</b>	<b>KEY-Ignition Switch (1E)</b>
-	<b>89491--7</b>		<b>AR</b>	<b>KEY-Ignition Switch (1F)</b>
-	<b>89491--8</b>		<b>AR</b>	<b>KEY-Ignition Switch (2A)</b>
-	<b>89491--9</b>		<b>AR</b>	<b>KEY-Ignition Switch (2C)</b>
-	<b>89491-10</b>		<b>AR</b>	<b>KEY-Ignition Switch (2D)</b>
-	<b>89491-11</b>		<b>AR</b>	<b>KEY-Ignition Switch (2E)</b>
-	<b>89491-12</b>		<b>AR</b>	<b>KEY-Ignition Switch (2F)</b>
9	11-93543		1	NUT
10	38-90311		1	INSERT
11	816492A1		1	ALARM
13	23-812711--1		2	SPACER (3/8")
	23-812711		2	SPACER (1/4")

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
13171--1	THRUST HUB	49	78	62459	BALL JOINT	11	2
13171--1	THRUST HUB	59	81	65800	SEAL	31	5
13631	SOCKET	65	27	67073A1	LINK ROD	11	43
13715--1	RETAINER	29	28	67614	COVER	7	23
13734	RETAINER BLACK	3	14	67703	STRAP BLACK	33	7
13734--1	RETAINER GRAY	3	14	67703--1	STRAP GRAY	33	7
14360A43	FUEL PUMP ASSEMBLY	17	1	67891	FILLER BLOCK	49	77
14430--3	BASE, FUEL PUMP	17	14	67891	FILLER BLOCK	59	80
14469	BEARING CUP	57	54	68042	RUBBER STOP	7	16
14638	BARREL	11	27	68100--1	THRUST RING	49	65
15386	END CAP	41	11	68878A6	ALARM HORN AND WIRE ASSEMBLY	65	7
15838A2	BEARING ADAPTOR	57	67	68879	COVER	65	8
15840--1	COVER	49	76	69205	C-WASHER	7	36
15840--1	COVER	59	78	71602	YOKE BLACK	3	5
17622	HOUSING W/BEARING	63	18	71602--1	YOKE GRAY	3	5
17623	ARMATURE	63	15	74897	PIVOT	11	1
17624	FIELD AND FRAME	63	17	75384	BRUSH SET	41	8
17631A1	BRUSH SET	63	14	75660	DRIVE END PLATE	41	3
17632	END FRAME W/ BEARING	63	9	75661	DRIVE	41	2
17633	BRUSH HOLDER KIT	63	13	75953	REED BLOCK	29	18
17649	MOTOR	63	-	76035	LINK ROD	11	4
17654	BRACKET	65	28	76214--3	ANODIC PLATE (SHORT)	59	91
18178	ROLLER	15	12	76214A5	ANODIC PLATE	49	82
18180	THROTTLE LINK	15	10	76214A5	ANODIC PLATE (LONG)	59	91
18181	LINK	15	11	76424	BRACKET	67	3
18787A2	CYLINDER HEAD	29	1	76867	COVER (LOWER)	23	10
26852	CAP	11	21	78902--2	SHIFT SHAFT (LOWER)	47	38
26852	CAP	11	9	78902--2	SHIFT SHAFT (LOWER)	55	38
26852	CAP	23	38	78956	SHIFT CAM	49	49
32435	FACE PLATE	45	25	78956	SHIFT CAM	57	49
32435	FACE PLATE	53	25	79022	TIMING MARKER	7	2
37896	GUIDE BLOCK	11	41	79101T	BRACKET	65	2
38279	LATCH	11	45	79146	RETAINER	65	15
39483	LATCH	11	22	79216	ARMATURE	41	7
39519	CAP	11	40	79610A17	TRIM CYLINDER (79879A1 REPAIR KIT) BLACK	37	29
41052	PLUNGER	35	14	79610A18	TRIM CYLINDER (79879A1 REPAIR KIT) GRAY	37	29
41094A3	SPARK ADVANCE LEVER	11	6	79911--1	ROD	49	50
41095	THROTTLE CONTROL LEVER	11	13	79911--1	ROD	57	50
41219	RESERVOIR	63	7	79918A1	FLYWHEEL COVER	7	1
41941	DIFFUSER	33	21	79932A11	SHIFT SHAFT	13	48
42248	BRACKET	23	32	810721	THROTTLE LEVER (TOP/CENTER)	21	7
42249	COVER (UPPER)	23	7	810722	THROTTLE LEVER (BOTTOM)	21	7
42732A2	PLATE ASSEMBLY BLACK	33	15	810738	FLOAT	21	15
42732A5	PLATE ASSEMBLY GRAY	33	15	810749--2	CARB GASKET KIT	21	-
42859A2	ENRICHNER VALVE	19	1	810779	LIMITER CAP	21	2
43429--2	IGNITION PLATE	9	1	811491	ADAPTOR	63	1
43657A3	REED BLOCK HOUSING	29	14	811492	PUMP (INCLUDES SCREWS)	63	4
44260	RETAINER	33	18	812497A2	DIODE KIT	65	13
45915	TERMINAL BLOCK	19	13	814283A2	ANCHOR BRACKET	11	33
46265	BOOT	61	31	814929	THROTTLE CONTROL ROD	11	26
48039	CAP	11	12	815539T	THROTTLE CAM	11	28
48752	INSERT	45	27	815552A1	DIVIDER PLATE	27	1
48752	INSERT	45	27	815633060	JET, PROGRESSION AIR (.060)	21	6
48752	INSERT	53	27	816479A3	PLATE	67	7
48752	INSERT	53	27				
52100	WEAR PLATE	11	44				
54196A6	CARRIER ASSEMBLY	31	4				
56703	COLLAR	7	15				
61787	BRUSH HOLDER	41	9				

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
816492A1	ALARM	67	11	89491--8	KEY-Ignition Switch (2A)	67	-
816770	RECTIFIER	9	17	89491--9	KEY-Ignition Switch (2C)	67	-
817495A1	SOUND ATTENUATOR	15	1	89491-10	KEY-Ignition Switch (2D)	67	-
817706A3	FRONT COVER BLACK	3	2	89491-11	KEY-Ignition Switch (2E)	67	-
817706A4	FRONT COVER GRAY	3	2	89491-12	KEY-Ignition Switch (2F)	67	-
817708	HOLD DOWN	3	8	89493	COUPLING	63	2
817712--1	SEAL	3	17	89594A1	CAM FOLLOWER	49	48
818161A4	HYDRAULIC PUMP ASSEMBLY	61	1	89594A1	CAM FOLLOWER	57	48
818161A4	HYDRAULIC PUMP ASSEMBLY	63	-	89949A1	PLATE ASSEMBLY	37	19
818261	EXHAUST BLOCK-OFF PLATE	33	29	90390A1	COVER	29	6
818567	BRACKET	61	2	90468A1	COVER	67	2
821877--1	BRACKET	3	31	90645	DRIVE KIT	41	1
821877A2	COWL SUPPORT KIT	3	-	92876A1	STEERING LINK ASSEMBLY	35	25
821878	BRACKET	3	32	96183--2	REED CLAMP	29	20
821879--1	PIN	5	40	96455A11	TRIGGER PLATE	7	13
822075--2	TRIM PIN	37	31	97465	TEMPERATURE SENDER	29	13
822076	RETAINER, TRIM PIN	37	32	98775--2	PLATE, FUEL PUMP	17	15
822188--1	PLATE	3	18	98889	LATCH	11	34
824519	RETAINER	45	17	99170A2	TILT TUBE	37	9
824519	RETAINER	53	17	99193	COVER	27	6
846859A4	HYDRAULIC PUMP (COMPLETE)	61	-	F10064	FLOAT SHAFT	21	16
847610A1	BEARING CARRIER	49	68	N.S.S.	GEAR (PART OF 43-15845A2 & 43-817515A2)	53	12
847616A1	BEARING CARRIER	59	71	N.S.S.	GEAR (PART OF 43-44104A7 & 43-44102A5)	45	12
847798A1	WEAR PAD KIT	37	3	N.S.S.	REVERSE GEAR (PART OF 43-15845A2)(1.87)	57	56
847950--1	COVER BLACK	45	1A	N.S.S.	SCREW(AMER. BOSCH #02441-22-SC-30SM)	41	10
847950--1	COVER BLACK	53	1A	N.S.S.	WASHER (AMERICAN BOSCH #WA3122)	41	6
847950--2	COVER GRAY	45	1A	10-13212--1	SCREW	33	27
847950--2	COVER GRAY	53	1A	10-13212--1	SCREW	35	29
848015A1	COWL SUPPORT	5	41	10-14000	SCREW (1-1/4")	35	26
848126A1	TORSION CLIP	5	42	10-16452	SCREW, FUEL PUMP TO CRANKCASE	17	19
848165	BRACE	3	-	10-17621	SCREW	63	12
85026T	PLATE	37	23	10-17626	SCREW	63	10
85028A2	TILT LOCK LEVER (STARBOARD)	35	11	10-28635	SCREW	33	30
85030A2	TILT LOCK LEVER (PORT)	35	11	10-28636	SCREW	33	19
85035T	SPACER BLACK	37	16	10-28636	SCREW	37	24
85035T6	SPACER GRAY	37	16	10-28636	SCREW (3/4")	23	29
86475--1	COUPLING	35	17	10-28636	SCREW (3/4")	23	33
86580A1	BOTTOM YOKE BLACK	35	22	10-28782	SCREW	11	32
86580A2	BOTTOM YOKE GRAY	35	22	10-28782	SCREW	27	7
86603	KNOB	35	16	10-30206	SCREW	51	86
87076A10	IDLE SPEED CONTROL	23	34	10-30206	SCREW	59	89
87760	MOUNTING PLATE	61	22	10-31716	SCREW (5/8")	9	26
87762	BRACKET	61	28	10-32866	SCREW	37	36
87871	COVER	37	34	10-35401	SCREW	65	9
88075	RETAINER	61	11	10-37562	SCREW (1")	29	8
88238A4	CABLE	5	43	10-37572	SCREW	7	3
88621	RETAINER	3	28	10-38055	SCREW (5/8")	9	10
88825A7	VOLTAGE REGULATOR	27	11	10-38055	SCREW (5/8")	9	18
89491--1	KEY-Ignition Switch (1A)	67	-	10-38601	SCREW	3	20
89491--2	KEY-Ignition Switch (1B)	67	-	10-38837	SCREW (1")	61	3
89491--3	KEY-Ignition Switch (1C)	67	-	10-39349	SCREW (3/4")	61	23
89491--4	KEY-Ignition Switch (1D)	67	-	10-41350	SCREW (SHORT)	59	86
89491--5	KEY-Ignition Switch (1E)	67	-	10-41508	SCREW (3/8")	61	13
89491--6	KEY-Ignition Switch (1E)	67	-	10-48408	SCREW (.375-24 X 3-3/4")	33	9
89491--7	KEY-Ignition Switch (1F)	67	-				

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
10-48409	SCREW	27	12	10-96411	SCREW (2-1/4")	55	31
10-48409	SCREW (5/8")	19	14	10-96529	SCREW (1-1/8")	29	23
10-60411	SCREW (1-1/4")	9	12	10-98534	SCREW	29	3
10-62568	SCREW	9	9	11-13436	NUT	47	35
10-62568	SCREW (3/8")	19	14	11-13436	NUT	55	35
10-63826	BOLT (2-1/2")	61	29	11-13438	NUT	47	33
10-64022	ADJUSTING SCREW	23	39	11-13438	NUT	55	33
10-64022	SCREW	11	7	11-18102	NUT	11	39
10-64022	SCREW (2-1/8")	11	19	11-20110	NUT (#10-32)	61	14
10-66024	SCREW	49	83	11-20184	NUT	19	10
10-66024	SCREW (LONG)	59	86	11-20220	NUT	37	13
10-66717	SCREW (3-1/4")	25	41	11-20220	NUT	37	33
10-67755--1	SCREW (4-1/2")	37	8	11-20890	NUT	7	18
10-67755--2	SCREW (6-1/2")	37	7	11-21825	NUT	61	18
10-67769	SCREW (.375-24 X 4")	33	9	11-25269	NUT	33	8
10-68513	SCREW	7	33	11-26419	NUT	65	5
10-69020	SCREW	3	29	11-26484	NUT (5/16-18)	61	15
10-69026	SCREW	11	23	11-28040	NUT	33	6
10-69028	SCREW (1/4-28 X 3/4")	3	25	11-29488	NUT	3	30
10-69034	SCREW (1")	23	25	11-29488	NUT	39	38
10-69035	SCREW	7	20	11-30506	NUT	33	24
10-69079	SCREW	7	35	11-34863	NUT	35	27
10-69560	SCREW (1-1/4")	11	10	11-34863	NUT (THIN)	33	13
10-69570	SCREW	3	3	11-34932	NUT (FULL)	33	13
10-70732	SCREW	37	17	11-34933	NUT	33	11
10-73286	SCREW	19	3	11-34933	NUT	51	85
10-74824	SCREW (1-1/4")	25	41	11-34933	NUT	59	88
10-74968	THRU BOLT	41	4	11-35045	NUT	3	21
10-76630	SCREW	29	15	11-35045	NUT	3	27
10-79953	SCREW PLUG	47	45	11-35045	NUT	11	25
10-79953	SCREW PLUG	55	45	11-35045	NUT	11	31
10-811493	SCREW KIT	63	8	11-35045	NUT	13	47
10-815549	SCREW (2")	23	11	11-35045	NUT	13	52
10-815904	SCREW	45	2	11-35814	NUT	37	22
10-815904	SCREW	53	2	11-35921	NUT	45	14
10-818146	SCREW	5	36	11-35921	NUT	53	14
10-818165	SCREW (1-3/4")	11	14	11-45076	NUT	7	25
10-821045-40	SCREW, FUEL PUMP	17	20	11-45076	NUT	9	19
10-821579	SCREW	5	44	11-45076	NUT	9	29
10-821933	SCREW	5	33	11-45076	NUT	9	7
10-823588	SCREW	29	21	11-45076	NUT	27	14
10-847538	SCREW (1-1/2")	27	5	11-45812	NUT	11	5
10-847568	SCREW (1")	27	5	11-45812	NUT	23	37
10-848081	SCREW (1/2")	33	25	11-52707A1	PROPELLER NUT	49	79
10-86843	SCREW	37	4	11-52707A1	PROPELLER NUT	59	82
10-87180	BOLT	37	12	11-52901	NUT	7	5
10-87926	SCREW	15	13	11-64015	JAM NUT	25	40
10-88447	SCREW (1-5/8")	7	24	11-64015	NUT	11	20
10-88489	SCREW	15	4	11-64015	NUT	11	8
10-88743	SCREW	29	29	11-67980	NUT	9	30
10-88829	SCREW	37	15	11-68219	NUT	11	11
10-90028	SCREW	7	11	11-68219	NUT	11	3
10-90086	SCREW (1-1/2")	23	8	11-68219	NUT	67	6
10-90271	SCREW (5/8")	61	25	11-68411	NUT	61	30
10-90815	SCREW	9	3	11-71852	NUT	5	38
10-91903	SCREW (1-3/4")	33	25	11-810744	NUT	21	10
10-92051	SCREW	61	8	11-816874	NUT	23	20
10-92160	SCREW (3/4")	29	22	11-826135	NUT (1"-14)	37	11
10-93886	SCREW	31	12	11-826164	NUT (7/8-14)	37	11
10-96411	SCREW (2-1/4")	47	31	11-91962	NUT	37	6



# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
11-93543	NUT	67	9	12-847541	WASHER	5	37
12-17616	THRUST RING	57	65	12-847883	WASHER	3	10
12-17653	THRUST WASHER	63	16	12-847883	WASHER	3	7
12-19183	SEALING WASHER	47	47	12-85022	WASHER	37	26
12-19183	SEALING WASHER	49	73	12-87161	WASHER	35	9
12-19183	SEALING WASHER	55	47	12-89302	WASHER	7	32
12-19183	WASHER	59	76	12-89302	WASHER	15	14
12-20533	WASHER	33	23	12-89302	WASHER	23	36
12-20878	WASHER	37	37	12-92721	WASHER	45	13
12-22753	WASHER	61	32	12-92721	WASHER	53	13
12-22887	WASHER	3	4	12-96457	WASHER	61	17
12-24676	WASHER	65	5A	13-26992	LOCKWASHER	7	17
12-24676	WASHER	67	5	13-26992	LOCKWASHER	9	27
12-26427	WASHER	65	10	13-26992	LOCKWASHER	23	30
12-28421	WASHER	37	5	13-26992	LOCKWASHER	33	20
12-29245	WASHER	3	19	13-26992	LOCKWASHER	33	31
12-29245	WASHER	37	18	13-26993	LOCKWASHER	9	13
12-29245	WASHER	37	25	13-26993	LOCKWASHER	23	9
12-29245	WASHER	47	32	13-26993	LOCKWASHER	61	24
12-29245	WASHER	55	32	13-26995	LOCKWASHER	65	5B
12-31211A2	WASHER	49	81	13-26996	LOCKWASHER	7	12
12-31211A2	WASHER	59	84	13-29720	WAVE WASHER	13	49
12-35462	WASHER	3	26	13-42351--1	LOCKWASHER	51	87
12-35462	WASHER	13	51	13-42351--1	LOCKWASHER	59	85
12-36001	WASHER	47	34	13-58643	LOCKWASHER	61	26
12-36001	WASHER	55	34	13-69432	LOCKWASHER	15	15
12-36042	WASHER	9	14	13-78854	WAVE WASHER	35	21
12-37828	WASHER	35	28	13-88750	WAVE WASHER	37	10
12-39143	WASHER	29	15A	14-79447	TAB WASHER	49	75
12-45175	LOCKWASHER	61	27	14-79447	TAB WASHER	59	77
12-46765	WASHER	11	18	14-816629	TAB WASHER	49	80
12-47247	WASHER	31	13	14-816629	TAB WASHER	59	83
12-47533--1	WASHER, SUBSTITUTE FOR THERMOSTAT	29	7	15-42637A1	SHIM ASSEMBLY	45	15
12-49221	WASHER	23	18	15-42637A1	SHIM ASSEMBLY	53	15
12-57792	WASHER	61	4	15-47397A1	SHIM	49	54
12-67264	WASHER (RUBBER)	9	15	16-15093	STUD (1")	23	31
12-68229	WASHER	7	6	16-15094	STUD (1-7/8")	23	15
12-69056	WASHER	13	46	16-18101	STUD	11	37
12-69057	WASHER	15	5	16-20353	STUD	11	29
12-72761	WASHER	7	4	16-27037	STUD, CARB MOUNTING	29	17
12-72761	WASHER	23	19	16-30172	STUD	23	35
12-73288	WASHER	11	38	16-54343	STUD	37	20
12-74758	WASHER	5	39	16-55422	STUD	67	4
12-77674	RUBBER WASHER	47	44	16-56295	STUD	33	2
12-77674	RUBBER WASHER	55	44	16-56297	STUD (3-3/8")	45	6
12-78910	WASHER	49	52	16-56297	STUD (3-3/8")	53	6
12-78910	WASHER	57	52	16-57920--1	STUD (2-1/16")	45	5
12-810745	WASHER	21	9	16-57920--1	STUD (2-1/16")	53	5
12-816056	WASHER	33	5	16-58893	STUD	33	22
12-816056	WASHER	35	30	16-69501	STUD (3-1/4")	45	7
12-822836	WASHER	33	10	16-69501	STUD (3-1/4")	53	7
12-822836	WASHER	33	26	16-78638	STUD (3-1/8")	45	4
12-822836	WASHER	49	84	16-78638	STUD (3-1/8")	53	4
12-822836	WASHER	59	87	16-816055	STUD	33	3
12-822838	WASHER	29	4	16-847529	STUD (2-1/2")	23	3
12-822838	WASHER	33	12	16-847530	STUD (2")	23	3
12-847526	WASHER	27	5A	16-847532	STUD (5-3/4")	23	3
12-847539	WASHER	5	34	16-88876	STUD	35	15
12-847539	WASHER	37	21	17-42671	CROSS PIN	49	60
				17-42671	CROSS PIN	57	60

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
17-43044	DOWEL PIN	23	4	22-847949	PIPE PLUG	53	10
17-43044	DOWEL PIN	45	3	22-99751	ELBOW	17	16
17-43044	DOWEL PIN	53	3	23-17615--1	SPACER SHIM (.125")	57	63
17-43044	DOWEL PIN, PLATE TO DRIVE SHAFT HOUSING (.625)	33	16	23-17615--2	SPACER SHIM (.127")	57	63
17-58712	CLEVIS PIN	3	9	23-17615--3	SPACER SHIM (.129")	57	63
17-67296	DOWEL PIN (BEARING RACE)	23	5	23-17615--4	SPACER SHIM (.131")	57	63
17-67706A46	SWIVEL PIN AND STEERING ARM BLACK	35	24	23-17615--5	SPACER SHIM (.133")	57	63
17-67706A47	SWIVEL PIN AND STEERING ARM GRAY	35	24	23-17615--6	SPACER SHIM (.135")	57	63
17-69745	PIN	35	18	23-17615--7	SPACER SHIM (.137")	57	63
17-78906	PIN	49	53	23-17615--8	SPACER SHIM (.139")	57	63
17-78906	PIN	57	53	23-17615--9	SPACER SHIM (.141")	57	63
17-78909	DETENT PIN	49	59	23-17615-10	SPACER SHIM (.143")	57	63
17-78909	DETENT PIN	57	59	23-17615-11	SPACER SHIM (.145")	57	63
17-816771	RIVET	3	6	23-17615-12	SPACER SHIM (.147")	57	63
17-823106	DOWEL PIN, PLATE TO POWERHEAD (.875)	33	16	23-17615-13	SPACER SHIM (.149")	57	63
17-848172	RIVET (POP OPEN)	3	15	23-26600	BUSHING	13	50
17-85020	PIVOT PIN	37	28	23-27132	BUSHING	13	53
18-21071	COTTER PIN	3	11	23-29804	SLEEVE	47	29
18-93861	COTTER PIN	35	20	23-29804	SLEEVE	55	29
19-815784	CAP PLUG	3	13	23-34948	SPACER	61	5
19-815784	CAP PLUG	15	3	23-43998	SLEEVE	45	9
21-42623	CHECK VALVE (11/16" CRANKCASE TOP)	29	33	23-43998	SLEEVE	53	9
21-42698	CHECK VALVE (13/16" CRANKCASE BOTTOM/SIDE)	29	33	23-55164	BUSHING	11	15
21-42990A10	DIAPHRAGM KIT	17	-	23-55171	BUSHING	11	16
21-42990A10	DIAPHRAGM KIT	17	2	23-67268	BUSHING	9	16
22-15026	CAP	15	16	23-67269	SPACER	23	17
22-15133	ELBOW (PRESS-IN)	29	32	23-77631A2	BUSHING ASSEMBLY	47	42
22-15979	ELBOW	17	18	23-77631A2	BUSHING ASSEMBLY	55	42
22-32561	PIPE PLUG	23	12	23-79697	SPACER	65	11
22-32802	PIPE PLUG	27	1A	23-812711	SPACER (1/4")	67	13
22-32802	PLUG	29	1A	23-812711--1	SPACER (3/8")	67	13
22-36492	BUSHING	65	17	23-816057	SPACER BLACK	33	4
22-56759	FITTING (PRESS-IN)	29	31	23-816057--1	SPACER GRAY	33	4
22-56800	PIPE PLUG	23	2	23-822035-24	BEARING	35	6
22-63651	ELBOW	65	21	23-822823	THRUST RING	49	66
22-63670	FITTING	65	22	23-847685	SLEEVE	45	29
22-64706	TEE FITTING	65	20	23-847685	SLEEVE	53	29
22-67892	DRAIN SCREW (MAGNETIC)	47	46	23-847724	BUSHING	37	30
22-67892	DRAIN SCREW (MAGNETIC)	55	46	23-847726	BEARING	35	3
22-67892	SCREW PLUG	49	72	23-847728	BEARING	35	5
22-67892	SCREW PLUG	59	75	23-86600	BUSHLNG	35	12
22-68727	FITTING	27	10	23-93248--1	SWIVEL BUSHING	11	30
22-68727	FITTING	29	9	23-94304	BUSHING	9	31
22-68728	FITTING	29	11	23-94453	BUSHING	9	5
22-74036	GREASE FITTING	35	4	24-20099	SPRING	11	24
22-77366	CONNECTOR	61	33	24-20099	SPRING	11	42
22-77863	FITTING	65	24	24-30316	SPRING	37	27
22-818200	FITTING	61	34	24-68784	SPRING	11	17
22-821881	PIPE PLUG	5	35	24-78962	SPRING	49	61
22-821881	PLUG (WATER JACKET)	23	13	24-78962	SPRING	57	61
22-847949	PIPE PLUG	45	10	24-79910	SPRING	49	51
				24-79910	SPRING	57	51
				24-85367	SPRING	35	13
				24-88049	SPRING	35	19
				25-17625	O-RING	63	11
				25-25439	O-RING	47	41
				25-25439	O-RING	55	41
				25-31534	O-RING	49	67
				25-31534	O-RING	57	66
				25-34776	O-RING	45	1B

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
25-34776	O-RING	53	1B	27-89221--1	GASKET	15	2
25-45507	GROMMET	39	39	27-98769--1	GASKET, BASE	17	13
25-48171	O-RING	35	10	28-30281	KEY	49	74
25-54029	O-RING	23	22	28-30281	KEY	59	79
25-62700	O-RING	23	27	28-56654	KEY	47	30
25-817713--1	GROMMET (CIRCULAR)	3	22	28-56654	KEY	55	30
25-817713--3	GROMMET (OVAL)	3	22	29-67483	NEEDLE BEARING	31	15
25-89497	O-RING, RESERVOIR END	63	6	30-67923	BALL BEARING (LOWER)	31	2
25-89498	O-RING, MOTOR END	63	3	30-88957A1	BALL BEARING	49	64
25-90011	O-RING	45	20	30-88957A1	BALL BEARING	57	55
25-90011	O-RING	53	20	31-15834	THRUST BEARING	59	69
26-16977	OIL SEAL	45	22	31-15841	ROLLER BEARING	57	64
26-16977	OIL SEAL	53	22	31-15843	ROLLER BEARING	57	68
26-38970	SEAL	33	17	31-15844	ROLLER BEARING	57	57
26-38970	SEAL	45	28	31-16756A4	ROLLER BEARING	23	23
26-38970	SEAL	53	28	31-16756A8	ROLLER BEARING	31	7
26-41953	OIL SEAL	23	24	31-36387A1	ROLLER BEARING	45	16
26-41953	OIL SEAL	23	28	31-36387A1	ROLLER BEARING	53	16
26-814754	SEAL	27	3	31-42647A1	ROLLER BEARING	45	8
26-815565	OIL SEAL	49	70	31-42647A1	ROLLER BEARING	53	8
26-815565	OIL SEAL	59	73	31-54928--1	ROLLER BEARING	49	57
26-816464--1	OIL SEAL	47	43	31-78172A1	TAPERED ROLLER BEARING	49	55
26-816464--1	OIL SEAL	55	43	31-817072	ROLLER BEARING	49	69
26-847729	OIL SEAL	35	2	31-817072	ROLLER BEARING	59	72
26-85023	OIL SEAL	35	8	31-821146A1	ROLLER BEARING	31	14
26-88397	SEAL	45	28	32-64088--6	TUBING	65	25
26-88397	SEAL	53	28	32-66285-70	BLEED HOSE (1-3/4")	29	30
26-89238	OIL SEAL	45	21	32-67295	WATER TUBE	33	14
26-89238	OIL SEAL	53	21	32-77457--2	HOSE	27	15
27-11338	GASKET	23	6	32-77457--2	HOSE	29	10
27-14697--2	GASKET	29	16	32-89023	HOSE, HYDRAULIC (STARBOARD)	39	41
27-18051	GASKET (LOWER)	45	23	32-89024	HOSE, HYDRAULIC (PORT)	39	41
27-18051	GASKET (LOWER)	53	23	32-90729-25	FUEL LINE	17	17
27-18051A90	ENGINE GASKET SET	21	-	32-96993	HOSE, HYDRAULIC (PORT)	39	40
27-18051A90	GASKET SET	1	-	32-96994	HOSE, HYDRAULIC (STARBOARD)	39	40
27-18051A90	GASKET SET	15	-	32-99126-88	FUEL LINE	19	4
27-18051A90	GASKET SET	19	-	32-99127109	TUBE (1-1/4")	23	14
27-18051A90	GASKET SET	25	-	32-99127109	TUBING	19	12
27-18051A90	GASKET SET	27	-	32-99128-78	FUEL LINE	19	5
27-18051A90	GASKET SET	29	-	32-99130122	FUEL LINE	19	6
27-18051A90	GASKET SET	31	-	33-97180	SPARK PLUG (NGK #BUHW)	7	30
27-18051A90	GASKET SET	33	-	34-14594A1	REED ASSEMBLY	29	19
27-18051A90	GASKET SET	35	-	35-816296--1	FUEL FILTER	19	11
27-18051A90	GASKET SET	45	-	35-89496	FILTER	63	5
27-18051A90	GASKET SET	47	-	37-817660A91	DECAL SET BLACK	3	-
27-18051A90	GASKET SET	51	-	37-818263A91	DECAL SET GRAY	3	-
27-18051A90	GASKET SET	53	-	37-818267A1	DECAL SET, FRONT COVER GRAY	3	-
27-18051A90	GASKET SET	55	-	37-818956A1	DECAL SET, FRONT COVER BLACK	3	-
27-18785--1	GASKET	29	2	38-90311	INSERT	67	10
27-42631--1	GASKET	45	19	39-67377--2	RING	31	6
27-42631--1	GASKET	53	19	39-816465A12	PISTON RING ASSEMBLY (STANDARD)	31	9
27-62386	GASKET	29	5	39-818862A1	PISTON RING ASSEMBLY (.015 O/S)	31	9
27-67751--1	GASKET	19	9	39-818875A1	PISTON RING ASSEMBLY (.030 O/S)	31	9
27-67751--1	GASKET	21	5				
27-823142	GASKET	27	9				
27-847525--1	GASKET	27	2				
27-85609--1	GASKET (UPPER)	45	24				
27-85609--1	GASKET (UPPER)	53	24				
27-87775	GASKET	37	35				
27-88907--2	GASKET	27	8				

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
43-15845A2	FORWARD GEAR (1.87) . . .	57	62	79-825331A1	30 PSI GAUGE KIT . . . . .	65	18
43-44102A5	FORWARD GEAR SET (2:1)	49	56	79-93953A1	TACHOMETER . . . . .	65	1
43-44104A7	FORWARD GEAR SET (INCLUDES REVERSE GEAR) (1.87) . . . . .	49	56	84-11149A2	CABLE ASSEMBLY . . . . .	65	14
43-817515A2	FORWARD GEAR (2:1) . . . . .	57	62	84-13397A1	HARNESS ASSEMBLY . . . . .	27	13
43-817516A1	REVERSE GEAR (2:1) . . . . .	57	56	84-60871A10	WIRE . . . . .	9	8
43-822824A1	REVERSE GEAR (1.87) . . . . .	49	63	84-62310A2	CABLE . . . . .	9	6
43-847632A1	REVERSE GEAR (2:1) . . . . .	49	63	84-65017A14	TILT HARNESS . . . . .	61	35
44-815495T	PROPELLER SHAFT . . . . .	59	70	84-65999A11	CABLE . . . . .	61	19
44-822820F1	PROPELLER SHAFT . . . . .	49	62	84-65999A12	CABLE . . . . .	61	6
45-44000--6	DRIVE SHAFT . . . . .	45	11	84-65999A2	CABLE (BLACK) . . . . .	9	28
45-44000--6	DRIVE SHAFT . . . . .	53	11	84-65999A3	CABLE (BLACK) . . . . .	9	11
46-44292A3	WATER PUMP BASE ASSEMBLY . . . . .	45	18	84-69738A7	HARNESS ASSEMBLY (#2,4 & 6) . . . . .	7	31
46-44292A3	WATER PUMP BASE ASSEMBLY . . . . .	53	18	84-69739A2	HARNESS ASSEMBLY (#1,3 & 5) . . . . .	7	31
46-847710A1	WATER PUMP BODY ASSEMBLY . . . . .	45	26	84-79138A9	BATTERY CABLE (NEGATIVE) . . . . .	61	7
46-847710A1	WATER PUMP BODY ASSEMBLY . . . . .	53	26	84-79139A12	BATTERY CABLE (RED- POSITIVE) . . . . .	61	20
46-96148A1	WATER PUMP BODY ASSEMBLY . . . . .	45	26	84-79139A26	WIRE (RED) . . . . .	61	21
46-96148A1	WATER PUMP BODY ASSEMBLY . . . . .	53	26	84-79147A5	HARNESS ASSEMBLY . . . . .	61	9
47-89984--2	IMPELLER . . . . .	47	37	84-815358A1	HIGH TENSION CABLE . . . . .	7	28
47-89984--2	IMPELLER . . . . .	55	37	84-816626A20	KEY SWITCH ASSEMBLY (20 ) . . . . .	67	1
50-79472	STARTER MOTOR . . . . .	7	14	84-86322A16	CABLE ASSEMBLY (BLACK)	65	19
50-79472	STARTER MOTOR ASSEMBLY . . . . .	41	-	84-86322A7	WIRE (BLACK - 1-1/2") . . . . .	65	6
52-42672	RATCHET . . . . .	49	58	84-86323A5	WIRE (PURPLE - 1-1/2") . . . . .	65	6
52-42672	RATCHET . . . . .	57	58	84-86396A8	HARNESS . . . . .	65	12
53-29641	E-RING . . . . .	55	39	84-88439A14	BATTERY CABLE (POSITIVE)	9	20
53-29641	E-RING (USE WHERE APPLICABLE) . . . . .	47	39	84-88439A2	BATTERY CABLE (NEGATIVE) . . . . .	9	20
53-67446	RETAINING RING . . . . .	31	3	84-88528A2	CABLE (6" - RED/WHITE) . . . . .	9	32
53-67684	RETAINING RING . . . . .	35	23	84-88532A1	CABLE ASSEMBLY (DARK BLUE) . . . . .	65	19
53-817071	SNAP RING . . . . .	49	71	84-88807A6	GROUND STRAP BLACK . . . . .	7	26
53-817071	SNAP RING . . . . .	59	74	84-91865A1	CABLE (3" - BLACK/WHITE) . . . . .	9	32
53-821246	RETAINING RING . . . . .	31	10	84-93388A1	WIRE (BLACK) . . . . .	7	21
54-23567	J-CLAMP . . . . .	7	34	84-93389A5	WIRE (YELLOW) . . . . .	7	19
54-63153	J-CLAMP . . . . .	23	16	84-96220A4	ENGINE HARNESS . . . . .	9	21
54-63300--1	CLAMP . . . . .	19	2	87-88107	IGNITION SWITCH (See Below for Replacement Keys)) . . . . .	67	8
54-64235--2	J-CLAMP (1/5" DIA.) . . . . .	29	24	88-72729	LIGHT BULB . . . . .	65	3
54-75275	CLAMP . . . . .	37	14	88-79023A10	FUSE (110 AMP) . . . . .	61	16
54-78945--1	J-CLAMP (1/2" DIA.) . . . . .	29	24	88-79091	FUSE . . . . .	9	22
54-814634	J-CLAMP . . . . .	9	13A	88-79091	FUSE (20 AMP) . . . . .	61	10
54-814634	J-CLAMP . . . . .	27	4	88-79888	SOCKET . . . . .	65	4
54-816311	STA-STRAP . . . . .	9	24	88-95691	BULB . . . . .	65	26
54-816311	STA-STRAP . . . . .	19	8	89-68258A4	SOLENOID . . . . .	61	12
54-816311	STA-STRAP . . . . .	27	16	89-76528A1	STARTER SOLENOID . . . . .	9	25
54-816311	STA-STRAP . . . . .	29	12	90-817087-94	PARTS MANUAL . . . . .	1	-
54-816311	STA-STRAP . . . . .	65	16	90-818344910	OWNERS GUIDE BLACK . . . . .	1	-
54-816311	STA-STRAP . . . . .	65	23	90-818345910	OWNERS GUIDE GRAY . . . . .	1	-
54-88512	J-CLAMP . . . . .	37	14	249-6080A42	FLYWHEEL (ALUMINUM) . . . . .	7	7
61-816719A3	POWERHEAD . . . . .	13	-	271-817632A9	FLYWHEEL (STEEL) . . . . .	7	7
61-816719A3	POWERHEAD . . . . .	25	-	332-7778A14	SWITCH BOX . . . . .	9	2
61-816719A3	POWERHEAD . . . . .	27	-	339-7370A19	IGNITION COIL . . . . .	7	22
61-816719A3	POWERHEAD . . . . .	29	-	398-5454A36	STATOR . . . . .	7	10
61-816719A3	POWERHEAD . . . . .	31	-	455-9536A5	CRANKSHAFT ASSEMBLY . . . . .	31	1

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
765-7441A40	PISTON ASSEMBLY (STARBOARD) .....	31	8	1685-847902A15	GEAR HOUSING (BASIC) BLACK .....	57	1
765-7442A40	PISTON ASSEMBLY (PORT)	31	8	1685-847902A16	GEAR HOUSING (BASIC - ) GRAY .....	53	1
765-7443A15	PISTON ASSEMBLY (STARBOARD) .....	31	8	1685-847902A16	GEAR HOUSING (BASIC) GRAY .....	45	1
765-7444A15	PISTON ASSEMBLY (PORT)	31	8	1685-847902A16	GEAR HOUSING (BASIC) GRAY .....	45	1
765-7445A15	PISTON ASSEMBLY (STARBOARD) .....	31	8	1685-847902A16	GEAR HOUSING (BASIC) GRAY .....	49	1
765-7446A15	PISTON ASSEMBLY (PORT)	31	8	1685-847902A16	GEAR HOUSING (BASIC) GRAY .....	53	1
884-9765A10	CYLINDER BLOCK .....	23	1	1685-847902A16	GEAR HOUSING (BASIC) GRAY .....	53	1
1156-7809A1	LOWER END CAP ASSEMBLY .....	23	26	1685-847902A16	GEAR HOUSING (BASIC) GRAY .....	57	1
1159-9642A1	UPPER END CAP ASSEMBLY .....	23	21	1685-847902A16	GEAR HOUSING (BASIC) GRAY .....	57	1
1395-6029	JET, MAIN FUEL (.068)(RUN)	21	23	1685-847902A16	GEAR HOUSING (BASIC) GRAY .....	57	1
1395-6207	JET, MAIN FUEL (.072)(BREAK-IN) .....	21	23	1685-847902A5	87 STD. HOUSING BLACK ..	42	-
1395-7900	TEE FITTING (TOP/CENTER)	21	26	1685-847902A6	2:1 STD. HOUSING BLACK ..	42	-
1395-7901	ELBOW (BOTTOM) .....	21	27	1685-847902A7	87 STD. HOUSING BLACK ..	42	-
1395-808584	POWER JET (135 - WMH-28)	21	24	1685-847902A8	2:1 STD. HOUSING BLACK ..	42	-
1395-811284	SPACER .....	21	8	1685-847903A11	87 CUT SKEG GRAY .....	42	-
1395-811690	VALVE SEAT KIT .....	21	18	1685-847903A12	2:1 CUT SKEG GRAY .....	42	-
1395-811691--2	CARB REPAIR KIT .....	21	-	1685-847903A13	87 CUT SKEG GRAY .....	42	-
1395-823623	FUEL BOWL (TOP) .....	21	20	1685-847903A14	2:1 CUT SKEG GRAY .....	42	-
1395-823624	FUEL BOWL (CENTER/BOTTOM) .....	21	20	1685-847903A17	87 LH ROTATION BLACK ..	42	-
1395-9596	PLUG, POWER JET .....	21	21	1685-847903A18	2:1 LH ROTATION BLACK ..	42	-
1399-5225	JET, IDLE AIR BLEED (.054)	21	13	1685-847903A19	87 LH ROTATION BLACK ..	42	-
1491-847723A3	SWIVEL BRACKET ASSEMBLY BLACK .....	35	1	1685-847903A20	2:1 LH ROTATION BLACK ..	42	-
1491-847723A4	SWIVEL BRACKET ASSEMBLY GRAY .....	35	1	1685-847903A23	87 LH ROTATION GRAY ...	42	-
1494-847800A1	TRANSOM BRACKET (PORT) BLACK .....	37	1	1685-847903A24	2:1 LH ROTATION GRAY ...	42	-
1494-847800A2	TRANSOM BRACKET (PORT) GRAY .....	37	1	1685-847903A25	87 LH ROTATION GRAY ...	42	-
1495-847801A1	TRANSOM BRACKET (STARBOARD) BLACK ...	37	2	1685-847903A26	2:1 LH ROTATION GRAY ...	42	-
1495-847801A2	TRANSOM BRACKET (STARBOARD) GRAY ....	37	2	1685-847903A27	GEAR HOUSING (BASIC - ) BLACK .....	53	1
1581-8683A21	DRIVE SHAFT HOUSING ASSEMBLY BLACK .....	33	1	1685-847903A27	GEAR HOUSING (BASIC) BLACK .....	45	1
1581-8683A24	DRIVE SHAFT HOUSING ASSEMBLY GRAY .....	33	1	1685-847903A27	GEAR HOUSING (BASIC) BLACK .....	49	1
1685-847902A11	87 STD. HOUSING GRAY ..	42	-	1685-847903A27	GEAR HOUSING (BASIC) BLACK .....	57	1
1685-847902A12	2:1 STD. HOUSING GRAY ..	42	-	1685-847903A27	GEAR HOUSING (BASIC) GRAY .....	53	1
1685-847902A13	87 STD. HOUSING GRAY ..	42	-	1685-847903A28	GEAR HOUSING (BASIC - ) GRAY .....	45	1
1685-847902A14	2:1 STD. HOUSING GRAY ..	42	-	1685-847903A28	GEAR HOUSING (BASIC) GRAY .....	45	1
1685-847902A15	GEAR HOUSING (BASIC - ) BLACK .....	53	1	1685-847903A28	GEAR HOUSING (BASIC) GRAY .....	49	1
1685-847902A15	GEAR HOUSING (BASIC) BLACK .....	45	1	1685-847903A28	GEAR HOUSING (BASIC) GRAY .....	53	1
1685-847902A15	GEAR HOUSING (BASIC) BLACK .....	45	1	1685-847903A28	GEAR HOUSING (BASIC) GRAY .....	57	1
1685-847902A15	GEAR HOUSING (BASIC) BLACK .....	49	1	1685-847903A28	GEAR HOUSING (BASIC) GRAY .....	57	1
1685-847902A15	GEAR HOUSING (BASIC) BLACK .....	53	1	1685-847903A28	GEAR HOUSING (BASIC) GRAY .....	57	1
1685-847902A15	GEAR HOUSING (BASIC) BLACK .....	57	1	1685-847903A28	GEAR HOUSING (BASIC) GRAY .....	57	1

# PARTS INDEX

Part Number	Description	Pg.	Ref. No.	Part Number	Description	Pg.	Ref. No.
1685-847903A5	87 CUT SKEG BLACK . . . . .	42	-				
1685-847903A6	2:1 CUT SKEG BLACK . . . . .	42	-				
1685-847903A7	87 CUT SKEG BLACK . . . . .	42	-				
1685-847903A8	2:1 CUT SKEG BLACK . . . . .	42	-				
3311-818650A25	CARBURETOR (TOP) . . . . .	21	1				
3311-818650A26	CARBURETOR (CENTER) . . . . .	21	1				
3311-818650A27	CARBURETOR (BOTTOM) . . . . .	21	1				
4006-817704A24	TOP COWL BLACK . . . . .	3	1				
4006-817704A25	TOP COWL GRAY . . . . .	3	1				
4007-848164A5	BOTTOM PAN BLACK . . . . .	3	12				
4007-848164A6	BOTTOM PAN GRAY . . . . .	3	12				
4016-847893A4	SKIRT BLACK . . . . .	3	24				
4016-847893A5	SKIRT GRAY . . . . .	3	24				