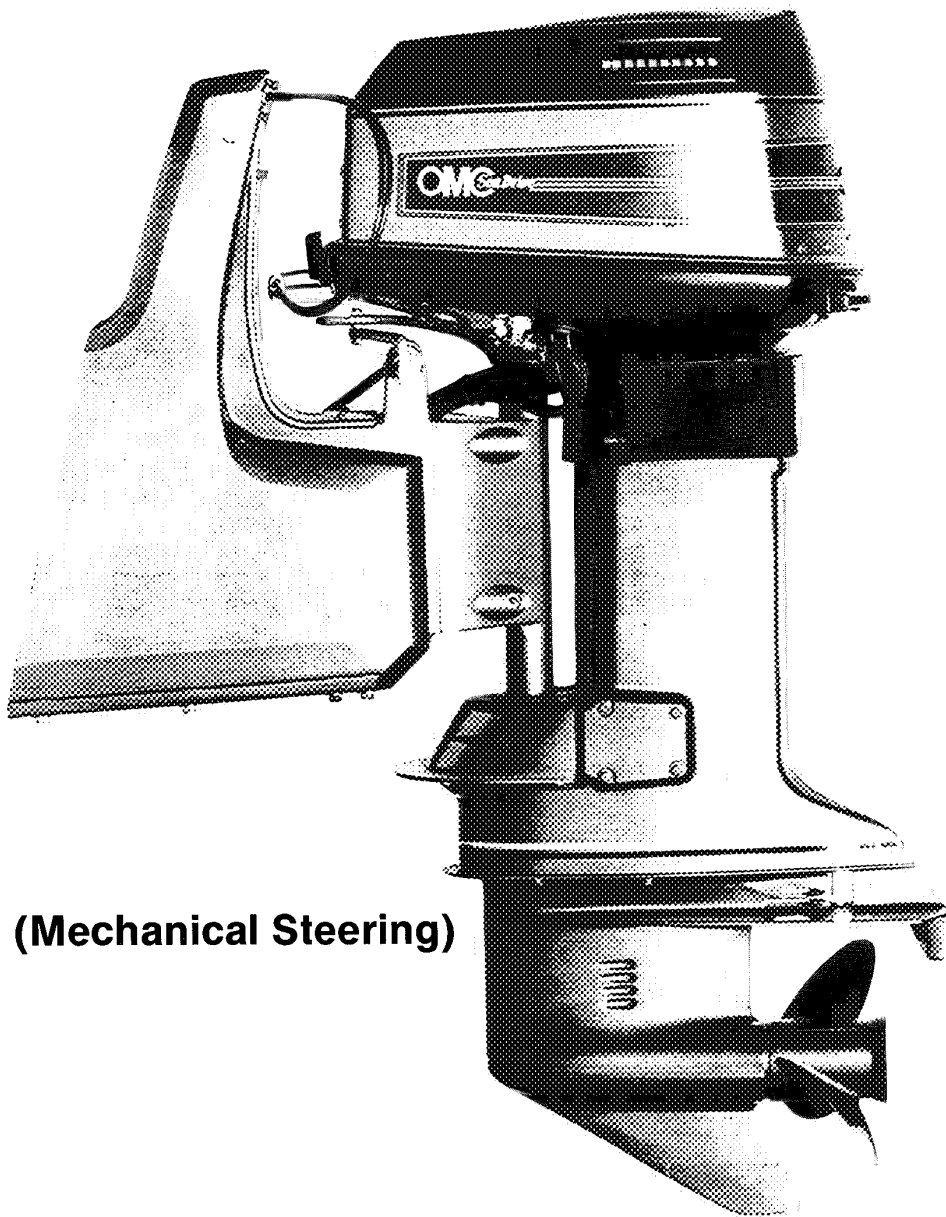




PARTS CATALOG 1.6 LITRE



16AMRARF (Mechanical Steering)

FINAL EDITION

Part No 985945 5/89

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Litho USA



SAFETY WARNING

Note

WHEN REPLACEMENT PARTS ARE REQUIRED, USE GENUINE OMC PARTS OR PARTS WITH EQUIVALENT CHARACTERISTICS INCLUDING TYPE, STRENGTH, AND MATERIAL. FAILURE TO DO SO MAY RESULT IN PRODUCT MALFUNCTION AND POSSIBLE INJURY TO THE OPERATOR AND/OR PASSENGERS.

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WHILE THE INFORMATION CONTAINED IN THIS PARTS CATALOG IS BASED ON THE LATEST PRODUCT INFORMATION AVAILABLE AT THE TIME OF PUBLICATION, THE CONTINUING ACCURACY OF THIS PARTS CATALOG CANNOT BE GUARANTEED.

ALL ILLUSTRATIONS USED IN THIS PARTS CATALOG MAY NOT DEPICT ACTUAL MODELS OR EQUIPMENT AND ARE INTENDED AS REPRESENTATIVE VIEWS FOR REFERENCE ONLY.

Note

THIS PARTS CATALOG SHOULD NOT BE USED IN LIEU OF A SERVICE MANUAL. ORDER YOUR SERVICE MANUAL OR OWNER'S MANUAL FROM YOUR NEAREST MARKETING DIVISION, SEE REAR COVER.

SUPPLY MODEL AND SERIAL NUMBER OF ENGINE FROM NAMEPLATE ATTACHED TO THE LOWER ENGINE COVER WHEN REQUESTING A SERVICE MANUAL OR OWNER'S MANUAL.

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E S NO	COLOR	SPRAY	1 QT CAN
1655	PRIMER	172757	376015
1730	CHARCOAL	395127	N/A —
1748	BLACK	330446	330445
1766	SILVER GRAY	282988	N/A —

INDENTED PART NAMES INDICATE THAT THESE PARTS ARE
INCLUDED IN PRECEDING ASSEMBLY

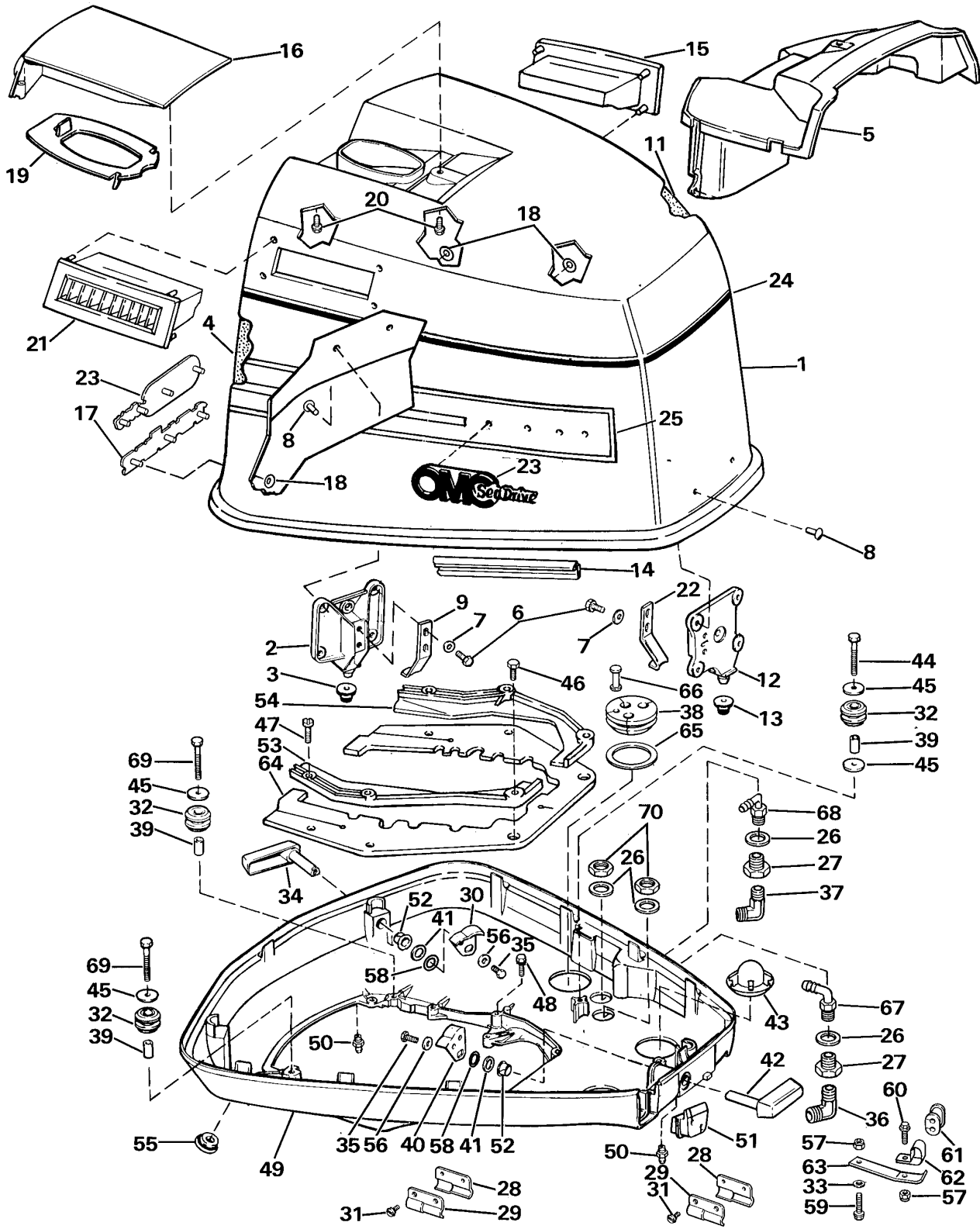
SPECIFY MODEL AND SERIAL NUMBER OF ENGINE WHEN ORDERING PARTS

ORDER ALL PARTS FROM YOUR LOCAL AUTHORIZED DEALER

PART NUMBERS NEW FOR THIS MODEL YEAR CAN BE IDENTIFIED
BY THE BOX SYMBOL ■ IN NAME OF PART COLUMN

ENGINE COVER

DECALS for Hord 985362
912029 - USE 912632
912048



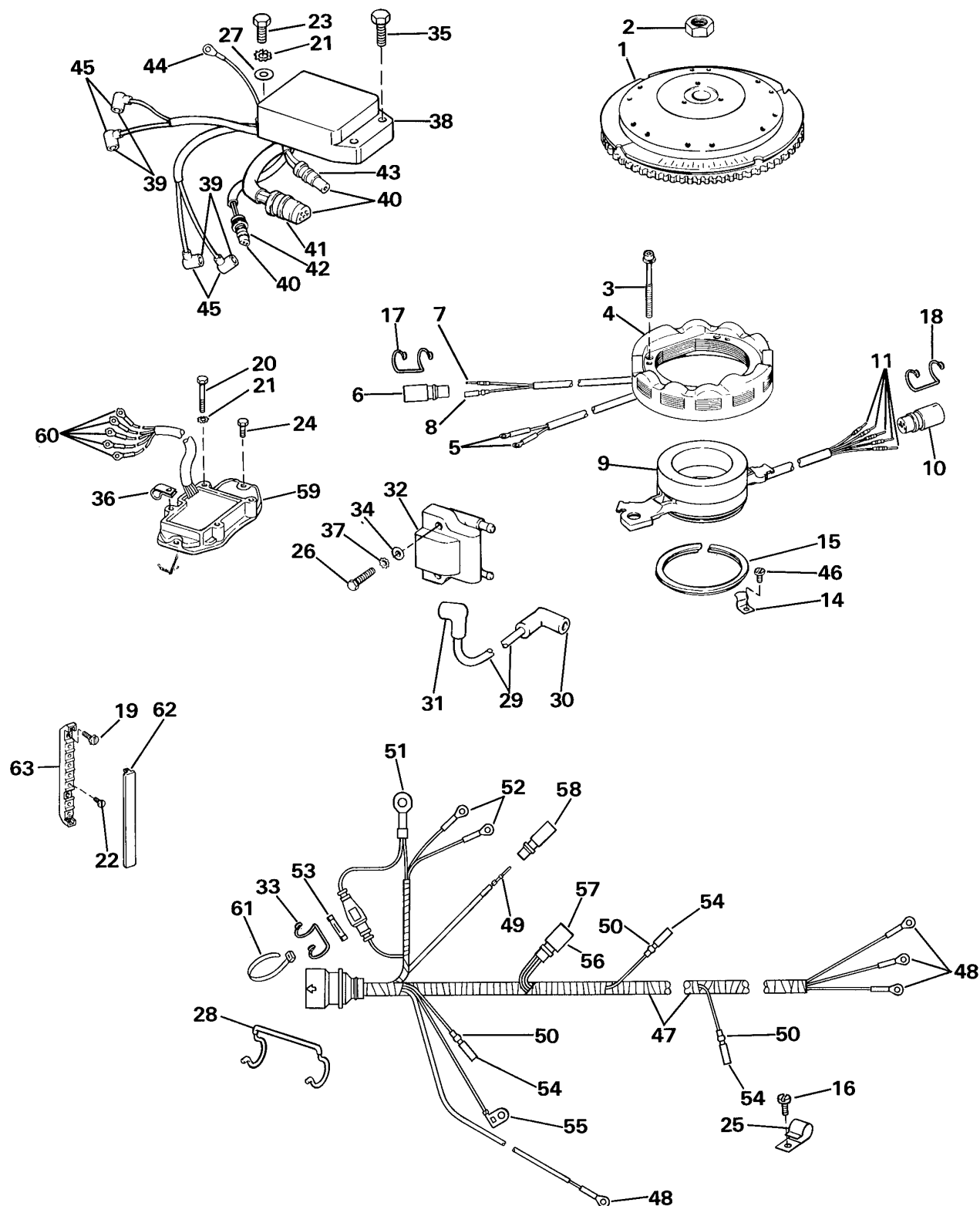
ENGINE COVER

BP92

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	985362	ENGINE COVER ASSY	1	37	911501	ELBOW, Oil line, 1/2"	1
2	394976	LOCATING BRACKET, Rear	2	38	912620	GROMMET, Engine cable ..	1
3	324898	BUMPER, Locating bracket ...	1	39	302406	SPACER, Mount	4
4	911532	SOUND BLANKET, Side	1	40	323170	LATCH, Front and stbd , rear	2
5	913233	BAFFLE	1	41	313219	WASHER, Screw hook	3
6	319137	SCREW, Hook	6	42	395757	LATCH HANDLE, Front	1
7	328703	WASHER, Hook	6	43	983237	VENT AND VALVE ASSY	2
8	326948	RIVET, Locating bracket	12	44	303398	SCREW, Front mount	2
9	323176	HOOK, Rear cover	2	45	328700	WASHER, Mount, large	6
11	911531	SOUND BLANKET, Top .	1	46	328695	SCREW, Lower cover	4
12	389971	LOCATING BRACKET, Front	1	47	302288	SCREW, Frame to cover ..	4
13	324898	BUMPER, Locating bracket	1	48	328694	SCREW, Lower cover, front ..	2
14	329548	SEAL, Engine cover	1	49	983921	ENGINE COVER, Lower	1
15	912561	AIR INLET, Port	1	50	313607	LUBE FITTING	3
16	208208	TILT HANDLE	1	51	911101	GROMMET, Remote control cables .	1
17	912642	APPLIQUE	1	52	308532	BUSHING, Shaft latch lever	3
18	317223	NUT, Push-on	24	53	911218	FRAME, Starboard	1
19	210296	AIR INLET BAFFLE	1	54	911219	FRAME, Port	1
20	323228	SCREW, Tilt handle, rear & baffle	3	55	320521	GROMMET, Hose	1
21	912562	AIR INLET, Starboard	1	56	328703	WASHER, Screw hook	3
22	323175	HOOK, Engine cover, front	1	57	313022	NUT, Clamp ..	2
23	911880	APPLIQUE	3	58	553766	SPRING WASHER, Latch	3
24	912632	DECAL, Stripe, upper	1	59	909533	SCREW, Anchor	1
25	912648	DECAL, Sides and rear	1	60	329217	SCREW, Clamp	1
26	911442	WASHER, Bulkhead fitting	4	61	910930	GROMMET, Control cable, black	1
27	911440	BULKHEAD FITTING	2	61	911231	GROMMET, Control cable, brown	1
28	911151	SUPPORT, Cables, rear	2	62	911828	CLAMP, Remote control cable .	1
29	911110	SUPPORT, Cables, front ..	2	63	911229	BRACKET, Remote control cables	1
30	323169	LATCH, Lower rear port	1	64	911102	SEAL, Frame	1
31	303551	SCREW, Support	4	65	912621	WASHER, Grommet	1
32	911123	GROMMET, Engine cover ...	4	66	911082	PLUG, Grommet, elect cables .	1
33	303887	WASHER, Anchor to cover	1	67	911426	ELBOW, Fuel .	1
34	395758	LATCH HANDLE ASSY , Rear	2	68	911427	ELBOW, Oil	1
35	912127	SCREW, Handle to latch	3	69	303398	SCREW, Mount, rear	2
36	911500	ELBOW, Fuel line, 5/8"	1	70	911441	NUT, Bulkhead fitting	2
				*	985904	OWNER'S MANUAL ■	1

* Not Shown

IGNITION SYSTEM

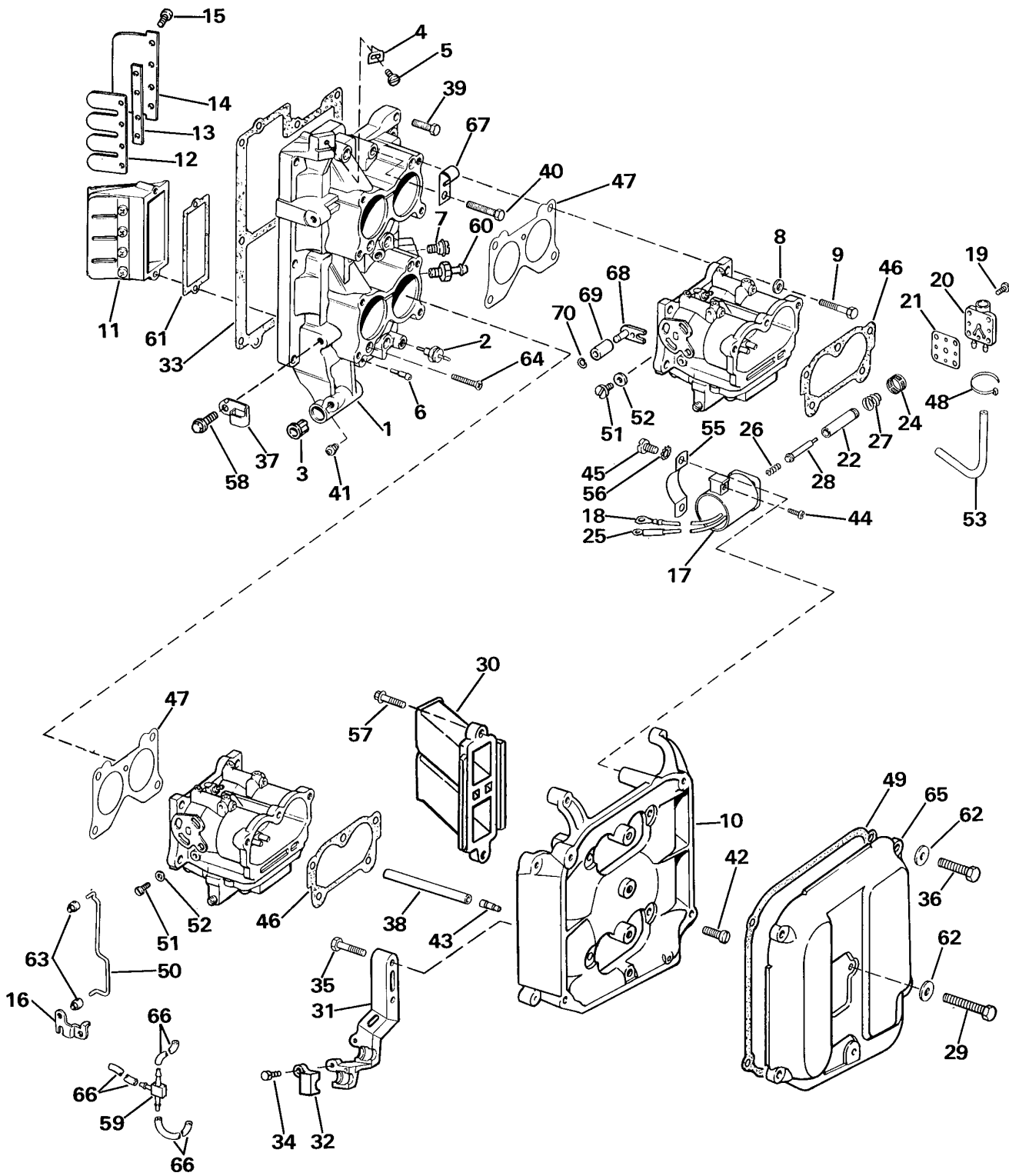


IGNITION SYSTEM

BP80

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	583339	FLYWHEEL ASSY	1	34	328703	WASHER, Ignition coil mounting	8
2	329267	NUT, Flywheel	1	35	328726	SCREW, Power pack	2
3	325135	SCREW, Stator mounting	4	36	330151	CLAMP, Regulator leads	1
4	583536	STATOR ASSY, 9 amp	1	37	328701	LOCKWASHER, Ground	4
5	511829	TERMINAL, Ring	2	38	583777	POWER PACK	1
6	512746	CONNECTOR, 2 pin recept	1	39	512256	TERMINAL	4
7	511469	TERMINAL, Pin	1	40	581656	TERMINAL, Socket	8
8	581656	TERMINAL, Socket	1	41	512753	CONNECTOR, Timer base	1
9	583379	TIMER BASE & SENSOR ASSY	1	42	512745	CONNECTOR, Charge coil	1
10	512754	CONNECTOR	1	43	123404	PLUG, Ignition switch	1
11	511469	TERMINAL, Pin	5	44	510818	TERMINAL, Ground	1
14	326439	CLAMP, Timer base	4	45	512478	COVER	4
15	313666	RETAINER, Timer base	1	46	328714	SCREW, Retainer clamp	4
16	308742	SCREW, Clamp	1	47	985636	MOTOR CABLE ASSY	1
17	512741	RETAINER, Connector, 2 terminal	1	48	510780	TERMINAL, Ring	4
18	512743	RETAINER, Connector, 5 terminal	1	49	511469	TERMINAL, Pin	1
19	306644	SCREW, Terminal block to cover	2	50	513186	INSULATING SLEEVE	3
20	306778	SCREW, Regulator, long	4	51	204053	TERMINAL, Ring	1
21	328701	LOCKWASHER, Ground	3	52	204036	TERMINAL, Ring	2
22	329182	SCREW, Terminal block	5	53	510884	FUSE	1
23	328725	SCREW, Power pack	1	54	512876	TERMINAL, Socket	3
24	306409	SCREW, Regulator, short	2	55	512131	TERMINAL, Ring	1
25	310439	CLAMP, Motor cable	1	56	512748	CONNECTOR, Oil pump	1
26	328726	SCREW, Coil mounting	8	57	511469	TERMINAL, Pin	3
27	328703	WASHER, Ground	1	58	123405	RECEPTACLE, Power pack	1
28	315182	CABLE RETAINER	1	59	583529	RECTIFIER & REGULATOR ASSY	1
29	582365	LEAD ASSY, Ignition coil	4	60	511829	TERMINAL, Ring	5
30	581027	TERMINAL & COVER	1	61	317893	TIE STRAP, Fuse holder	2
31	580339	TERMINAL & COVER	1	62	985637	COVER, Terminal block	1
32	582508	COIL ASSY	4	63	326255	TERMINAL BLOCK	1
33	321077	RETAINER, Fuse	1				

INTAKE MANIFOLD



893259

INTAKE MANIFOLD

BP81

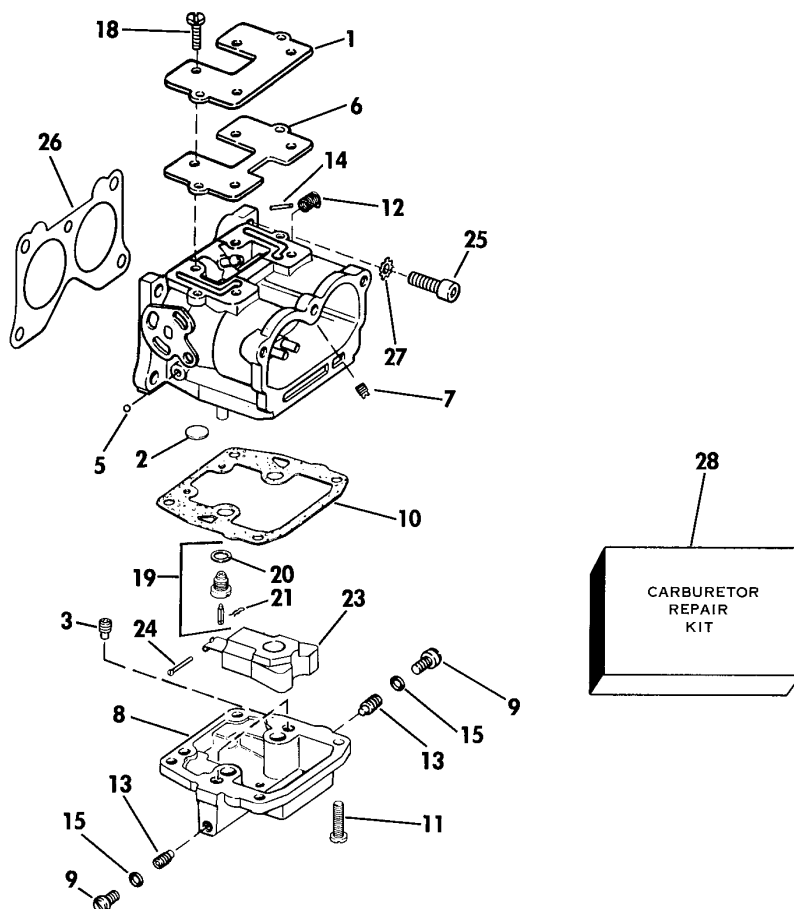
Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	396136	INTAKE MANIFOLD ASSY	1	37	325546	CLIP, Hose, intake manifold	1
2	392988	CHECK VALVE	4	38	#	HOSE, Air silencer	1
3	331839	BUSHING, Manifold	2	39	309905	SCREW, Manifold to c'case	8
4	330115	TIMING POINTER, Manifold	1	40	322906	SCREW, Manifold to c'case, long	2
5	329594	SCREW, Timing pointer	1	41	313607	FITTING, Intake manifold	1
6	325659	NIPPLE	1	42	328695	SCREW, Air silencer base	4
7	307272	SCREW, Plug .	1	43	314513	NIPPLE, Air silencer base	1
8	301551	WASHER, Carb mounting	8	44	329182	SCREW, Terminal to primer solenoid	1
9	203023	SCREW, Carb mounting	8	45	329217	SCREW, Clamp	2
10	911432	BASE, Air silencer	1	46	319771	GASKET, Air silencer	2
11	389823	REED BOX ASSY	4	47	327707	GASKET, Carb to manifold	2
12	317739	REED VALVE	2	48	317893	TIE STRAP, Primer solenoid hose	1
13	323412	SHIM, Reed valve	1	49	321722	GASKET, Cover	1
14	323601	STOP, Reed	2	50	330158	LINK, Throttle lever	1
15	327074	SCREW	8	51	329594	SCREW, Lever to carb	2
16	320575	ADJ LEVER, Throttle link	1	52	328735	WASHER, Lever screw	2
17	397909	SOLENOID ASSY , Primer	1	53	##	HOSE, Primer solenoid system	AR
18	510818	TERMINAL, Ring	1	55	330118	CLAMP, Primer solenoid	1
19	330121	SCREW, Cover to housing	4	56	328701	LOCKWASHER, Ground	1
20	511807	COVER, Primer solenoid	1	57	909533	SCREW, Extension to base	4
21	333448	GASKET, Solenoid	1	58	308738	SCREW, Clip hose	1
22	511809	PLUNGER	1	59	325569	TEE, Drain hose	1
24	332365	FILTER, Valve housing	1	60	174404	LIMITER, Pulse	1
25	510780	TERMINAL, Ring	1	61	321907	GASKET, Reed box	4
26	511986	SPRING, Valve	1	62	329241	WASHER, Cover to base	8
27	511987	SPRING, Plunger	1	63	313329	RETAINER, Carburetor link	2
28	333447	VALVE, Plunger	1	64	321706	SCREW, Long	4
29	303398	SCREW, Cover to base	1	*	395441	COVER & PLUG ASSY	1
30	329612	EXTENSION, Port	1	64	321707	SCREW, Short	4
*	330939	EXTENSION, Starboard	1	65	325335	COVER, Air silencer	1
31	983641	ANCHOR ASSY , Shift and throttle	1	66	##	HOSE, Drain system	AR
32	911419	ANCHOR BLOCK	2	67	310441	CLAMP, Primer lead	1
33	319174	GASKET, Manifold to c'case	1	68	432638	LEVER & PIN, Cam follower	1
34	329217	SCREW	2	69	432639	ROLLER & SLEEVE ASSY	1
35	911331	SCREW, Anchor to base	2	70	324678	O-RING	1
36	329894	SCREW, Cover to base	7				

* Not Shown

Cut from 203909, Cutting Length 165mm (6-1/2")

Use 327229 Cut to Length

CARBURETOR

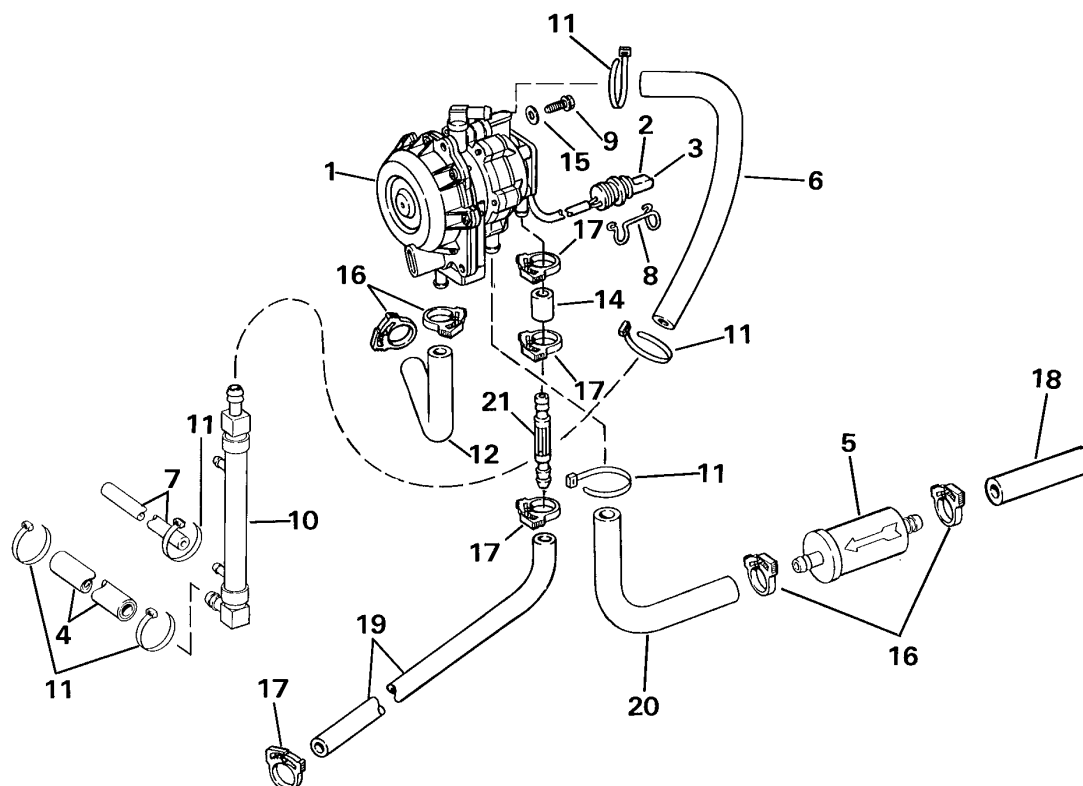


893260

BP82

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
*	432122	CARB ASSY	2	14	314575	ROLL PIN, Shaft	2
1	334352	COVER, Idle channel	1	15	305739	O-RING, Screw plug ①	2
2	202310	CORE PLUG ①	2	18	333750	SCREW, Cover	6
3	333458	ORIFICE, No 25C . . .	2	19	396520	FLOAT VALVE ASSY ①	1
5	304201	LEAD SHOT	2	20	301996	WASHER ①	1
6	334353	GASKET, Idle channel	1	21	603145	SPRING CLIP	1
7	323703	ORIFICE, No 36	2	23	383437	FLOAT ASSY ①	1
8	398544	FLOAT CHAMBER ASSY	1	24	302661	PIN, Float ① .	1
9	327116	SCREW, Plug . . .	2	25	203023	SCREW, Carburetor mounting	8
10	333418	GASKET, Float bowl ①	1	26	327707	GASKET, Carburetor mounting	2
11	333430	SCREW, Bowl to body	4	27	301551	LOCKWASHER	8
12	314887	SPRING, Throttle return	1	28	398526	CARBURETOR REPAIR KIT	1
13	317183	ORIFICE PLUG, No 67C	2				

* Not Shown ① Also Available in Carburetor Repair Kit



893261

BP83

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	174565	VRO² PUMP ASSY	1	12	332851	HOSE, Pulse	1
2	512747	CONNECTOR, 3 pin	1	14	††	HOSE, Sight tube to pump	1
3	581656	SOCKET	3	15	328735	WASHER, Mount bracket	3
4	†	HOSE, Fuel manifold to carb	2	16	322652	CLAMP, Snap	4
5	398327	FUEL FILTER ASSY	1	17	322654	CLAMP, Snap, filter & connector	4
6	332851	HOSE, Pump to manifold	1	18	334131	HOSE, Elbow to filter	1
7	**	HOSE, Manifold to primer	1	19	†††	HOSE, Fuel connector to sight tube	1
8	512742	RETAINER	1	20	332851	HOSE, Filter to fuel pump	1
9	329169	SCREW, Fuel pump to mount	3	21	331623	SIGHT TUBE	1
10	394312	FUEL MANIFOLD ASSY	1				
11	320107	TIE STRAP	9				

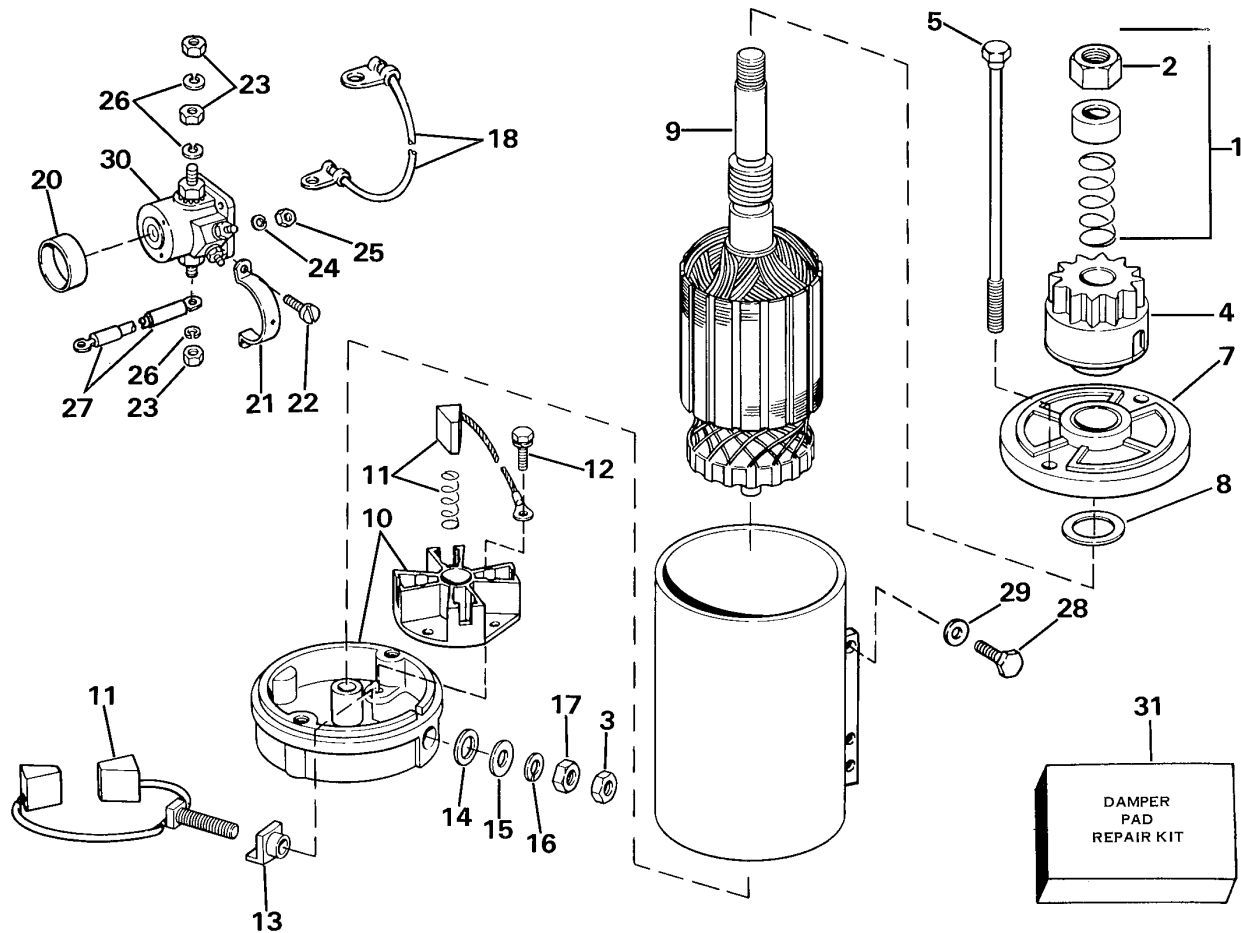
† For Service Use 333341

†† For Service Use 333485

††† For Service Use 303617

** For Service Use 327228

ELECTRIC STARTER & SOLENOID **AMERICAN BOSCH 20702-21-M030SM**



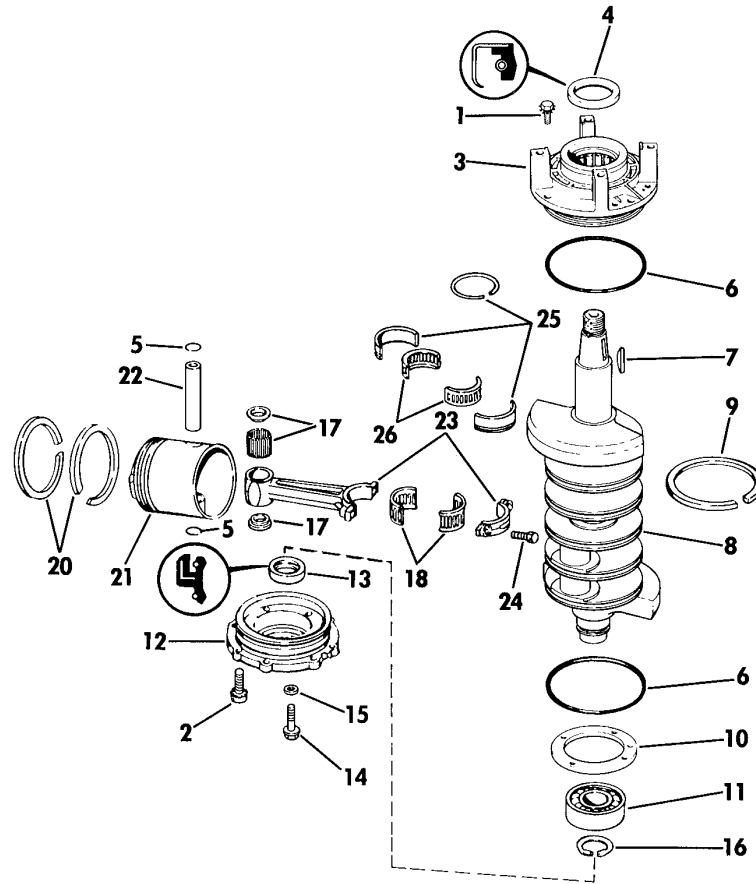
893262

BP84

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
*	389954	STARTER MOTOR ASSY	1	17	328741	NUT, Input stud	1
1	393354	NUT, SPRING & SPACER KIT	1	18	580733	LEAD ASSY , Ground, solenoid to bracket	1
2	316740	NUT, Drive assy	1	20	311217	SLEEVE, Solenoid	1
3	313022	LOCKNUT, Input stud	1	21	330112	CLAMP, Solenoid mtg	1
4	385949	DRIVE ASSY	1	22	329217	SCREW, Solenoid mtg	2
5	393439	THRU BOLT & DAMPER	1	23	311349	NUT, Terminal	3
6	318499	LOCKWASHER	2	24	304454	LOCKWASHER, Terminal	2
7	386639	CAP ASSY	1	25	306556	NUT, Terminal	2
8	316750	WASHER, Thrust armature	1	26	331259	LOCKWASHER, Terminal	3
9	318584	ARMATURE	1	27	394925	LEAD, Starter to solenoid	1
10	328381	END CAP ASSY	1	28	302860	SCREW, Str mtg 29mm (1-1/8")	2
11	385952	BRUSH AND SPRING SET	1	28	306427	SCREW, Str mtg 38mm (1-1/2")	1
12	316746	BOLT AND LOCKWASHER	2	29	306470	LOCKWASHER	3
13	316743	BUSHING, Insulation	1	30	395419	SOLENOID ASSY	1
14	316748	WASHER, Insulation	1	31	391157	DAMPER PAD REPAIR KIT	1
15	316749	WASHER, Plain	1				
16	306396	LOCKWASHER	1				

* Not Shown

CRANKSHAFT & PISTON

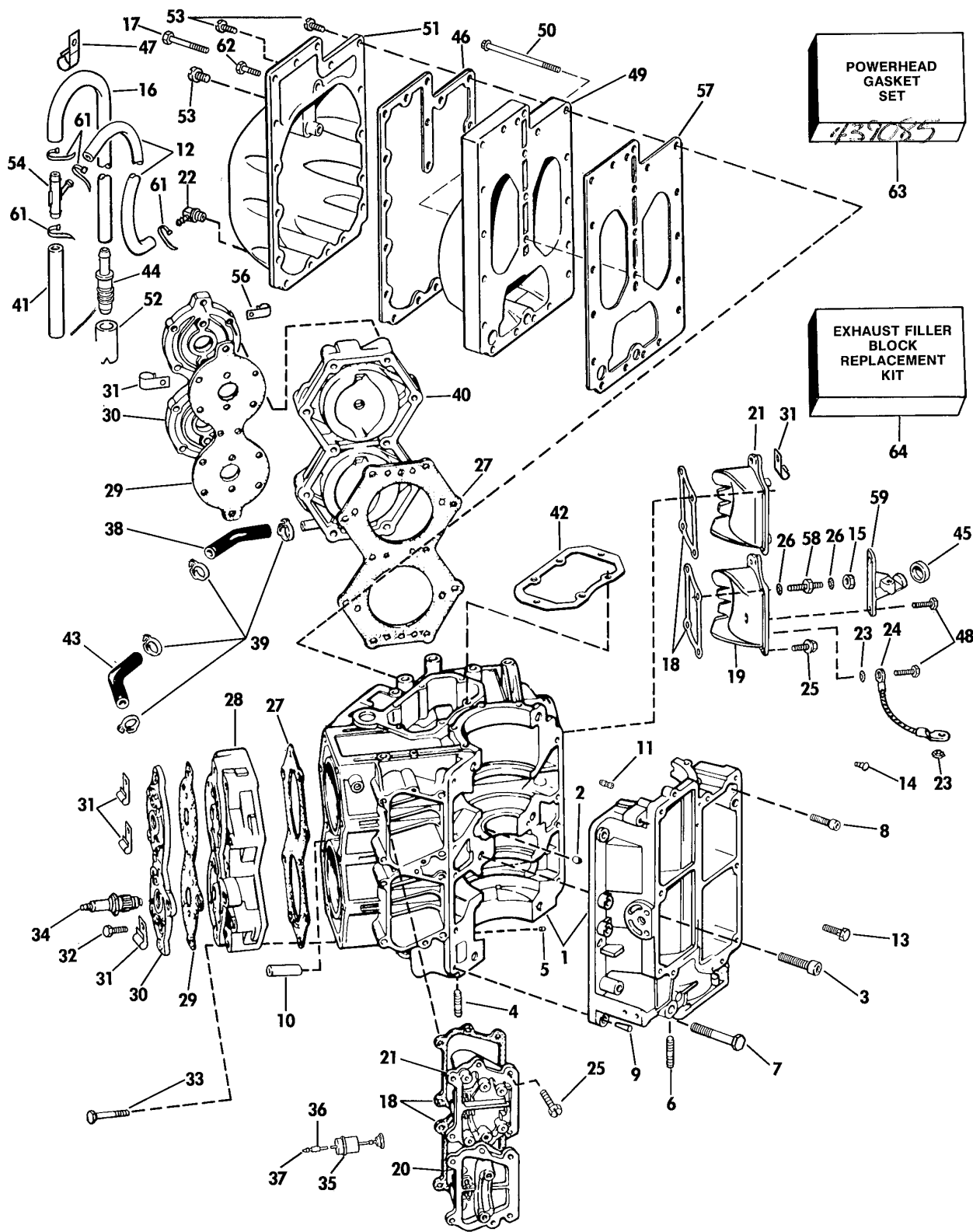


871163

BP85

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	553556	SCREW, C'case head upper	4	14	317763	SCREW & SEAL, Plate	4
2	553556	SCREW, Crankcase head	8	15	332585	WASHER	1
3	387432	CRANKCASE HEAD AND BEARING ASSY	1	16	308213	RING, Retaining, bearing	1
4	322575	SEAL, Upper	1	17	395627	BEARING, Wrist pin	4
5	317831	RETAINING RING	8	18	387787	NEEDLE & RETAINERS	4
6	305123	O-RING	4	20	394930	RING SET, Std	4
7	307480	KEY, Flywheel	1	20	396504	RING SET, 030" o s	4
8	396255	CRANKSHAFT ASSY	1	21	393271	PISTON, Std	4
9	319244	SEAL RING	6	21	396588	PISTON & RING ASSY, 030" o s	4
10	317762	PLATE, Lower bearing retainer	1	22	327861	WRIST PIN	4
11	385503	BEARING, Ball	1	23	392591	CONNECTING ROD ASSY	4
12	396254	CRANKCASE HEAD ASSY	1	24	308186	SCREW, Rod cap	2
13	331103	SEAL	1	25	320499	SPLIT SLEEVE, Center bearing	1
				26	387041	RETAINER & NEEDLE SET	1

CYLINDER & CRANKCASE



CYLINDER & CRANKCASE

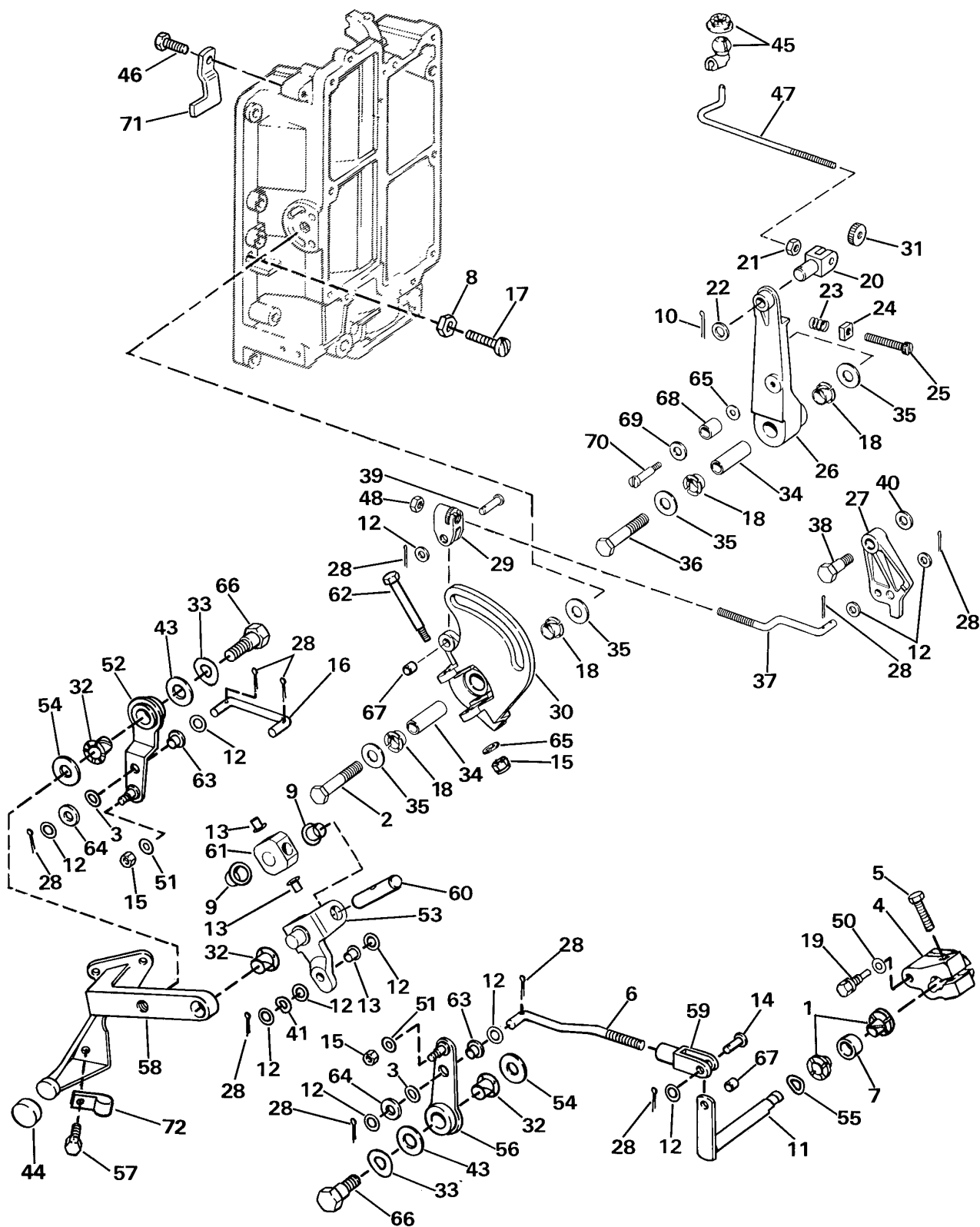
BP86

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	431672	CYLINDER C'CASE ASSY	1	34	387633	SPARK PLUG, QL-77JC4 ①	4
2	304178	PIN, Dowel bearing	1	34	432424	SPARK PLUG, QL-16V ②	4
3	319592	SCREW, Lock plate cyl to c'case, center	2	35	583441	SWITCH, Temperature ...	2
4	321640	STUD	2	36	512947	TERMINAL, Bullet	1
5	310507	PLUG, Oil hole	1	37	513185	SLEEVE, Bullet terminal	1
6	314616	STUD, Cyl to lower unit ...	2	38	321723	HOSE, Cylinder head, port	1
7	318907	SCREW, C'case to cyl, lower	2	39	324825	CLAMP, Cylinder head hose	4
8	318907	SCREW, C'case to cyl, upper	2	40	329538	CYLINDER HEAD, Port	1
9	305070	PIN, Taper	2	41	911120	HOSE	1
10	322411	DEFLECTOR, Water pass	4	42	322858	GASKET, Water passage cover	1
11	394884	CHECK VALVE	1	43	321724	HOSE, Cylinder head, stbd	1
12	911237	HOSE, Tee to elbow	1	44	986534	NIPPLE & VALVE ASSY	1
13	300646	SCREW	2	45	313581	BUMPER, Support bracket	1
14	306778	SCREW, Cylinder to crankcase	6	46	317955	GASKET, Exhaust cover	1
15	328740	NUT, Lower by-pass cover	1	47	310439	CLAMP, Hose to stbd cyl head	1
16	914012	HOSE, Tee to nipple	1	48	308751	SCREW, Sprt bracket to by-pass cover	3
17	323626	SCREW, Exh man cover, long	1	49	323468	EXHAUST MANIFOLD	1
18	307133	GASKET, By-pass cover ..	4	50	317972	SCREW, Exh man, 4-1/4" long	1
19	323045	COVER, By-pass	1	51	390015	COVER, Exhaust, outer	1
20	329822	COVER, By-pass	1	52	913439	HOSE, Water intake	1
21	392754	COVER, By-pass	2	53	308728	SCREW, Exhaust manifold to cylinder, short	17
22	321886	ELBOW, Indicator	1	54	911103	TEE	1
23	328701	LOCKWASHER, Ground strap	2	56	310439	CLAMP, Motor cable	1
24	376349	STRAP, Ground	1	57	323469	GASKET, Exh manifold to cyl	1
25	306049	SCREW, By-pass cover ...	19	58	330143	BOLT, Double ended	1
26	328701	LOCKWASHER	2	59	319217	SUPPORT BRACKET, Port	1
27	318358	GASKET, Cyl head	2	61	320107	TIE STRAP	5
28	329539	CYLINDER HEAD, Stbd, ..	1	62	303459	SCREW, Exh man cover to block, upper stbd	1
29	318335	GASKET, Cover ..	2	63	391300	POWERHEAD GASKET SET	1
30	318333	COVER, Cylinder head	2	64	392000	EXHAUST FILLER BLOCK	1
31	330151	CLAMP, Hoses & leads	5			REPLACEMENT KIT	1
32	300646	SCREW, Cyl head cover	32				
33	307267	SCREW, Cylinder head ...	20				

① Radio Noise Suppressor Plug

② Optional

SHIFT AND THROTTLE LINKAGE



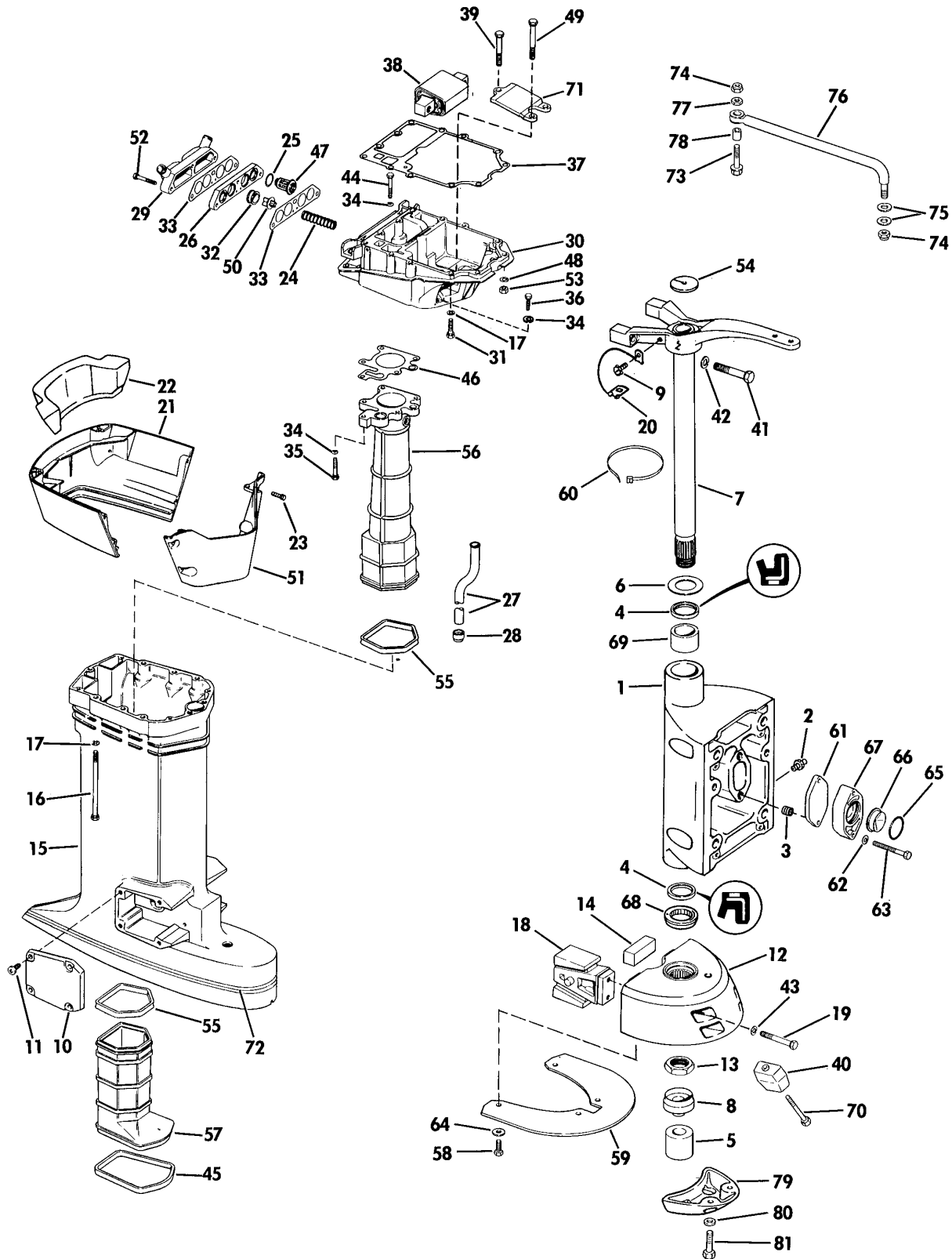
893264

SHIFT AND THROTTLE LINKAGE

BP87

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	331839	BUSHING, Shift lever	2	37	330902	ROD, Throttle lever to cam	1
2	206409	SHOULDER SCREW, Throttle lever	1	38	330933	SCREW, Throttle cam	1
3	309020	SPRING WASHER, Link	2	39	310525	PIN, Thumbwheel to	1
4	326642	LEVER, Shift rod	1			throttle lever	1
5	908159	SCREW, Lever	1	40	328703	WASHER, Throttle cam	1
6	911094	ROD	1	41	204757	SPRING WASHER	1
7	911097	SPACER	1	43	911195	WASHER	2
8	328712	NUT, Throttle stop	1	44	313581	BUMPER, Support brace	1
9	312708	BUSHING	2	45	395448	JOINT KIT	1
10	330145	COTTER PIN	1	46	124341	SCREW, Idle stop	1
11	983235	SHIFT LEVER	1	47	334739	ROD, Spark advance	1
12	328702	WASHER	11	48	328741	NUT	1
13	315101	BUSHING	3	49	206414	WASHER	1
14	318197	PIN, Yoke to shift lever	1	50	302290	LOCKWASHER, Pin	1
15	328064	NUT	3	51	328737	WASHER	3
16	911212	LINK	1	52	983302	THROTTLE LEVER ASSY	1
17	328693	SCREW, Throttle stop	1	53	332150	YOKE, Throttle	1
18	308532	BUSHING	4	54	318384	WASHER, Bellcrank	2
19	327590	PIN, Lever to rod	1	55	320535	SPRING WASHER	1
20	334737	RETAINER, Spark advance rod	1	56	393697	SHIFT LEVER ASSY	1
21	328712	NUT, Spark adjustment	2	57	308751	SCREW, Bracket, throttle lever	3
22	330179	WASHER, Ret spark control	1			pivot	1
23	308993	SPRING, Idle adjust	1	58	911216	BRACKET	1
24	203688	NUT, Idle adjust	1	59	911160	YOKE, Shift arm	1
25	328699	SCREW, Idle adjust	1	60	911208	PIN	1
26	330898	LEVER, Spark control	1	61	332151	CENTER BLOCK	1
27	330985	CAM, Throttle	1	62	911211	SHOULDER BOLT, Yoke	1
28	305650	COTTER PIN	10	63	911305	BUSHING, Rod and link	2
29	397018	YOKE & THUMBWHEEL, Throttle lever to rod	1	64	308688	WASHER, Rod and link	2
30	332149	LEVER, Throttle	1	65	328739	WASHER, Roller to lever	1
31	334738	THUMBWHEEL, Spark adj	1	66	318205	SHOULDER SCREW, Bellcrank	2
32	315081	BUSHING	3	67	320302	BUSHING	2
33	553766	SPRING WASHER	2	68	432572	ROLLER & SLEEVE ASSY	1
34	331577	SLEEVE, Levers	2	69	552783	WASHER, Roller	1
35	908398	WASHER, Spark & throttle levers	4	70	329677	SCREW, Roller to lever	1
36	317968	SCREW, Spark lever	1	71	332154	PLATE, Idle stop	1
				72	317755	CLAMP, Drain hoses	1

MIDSECTION



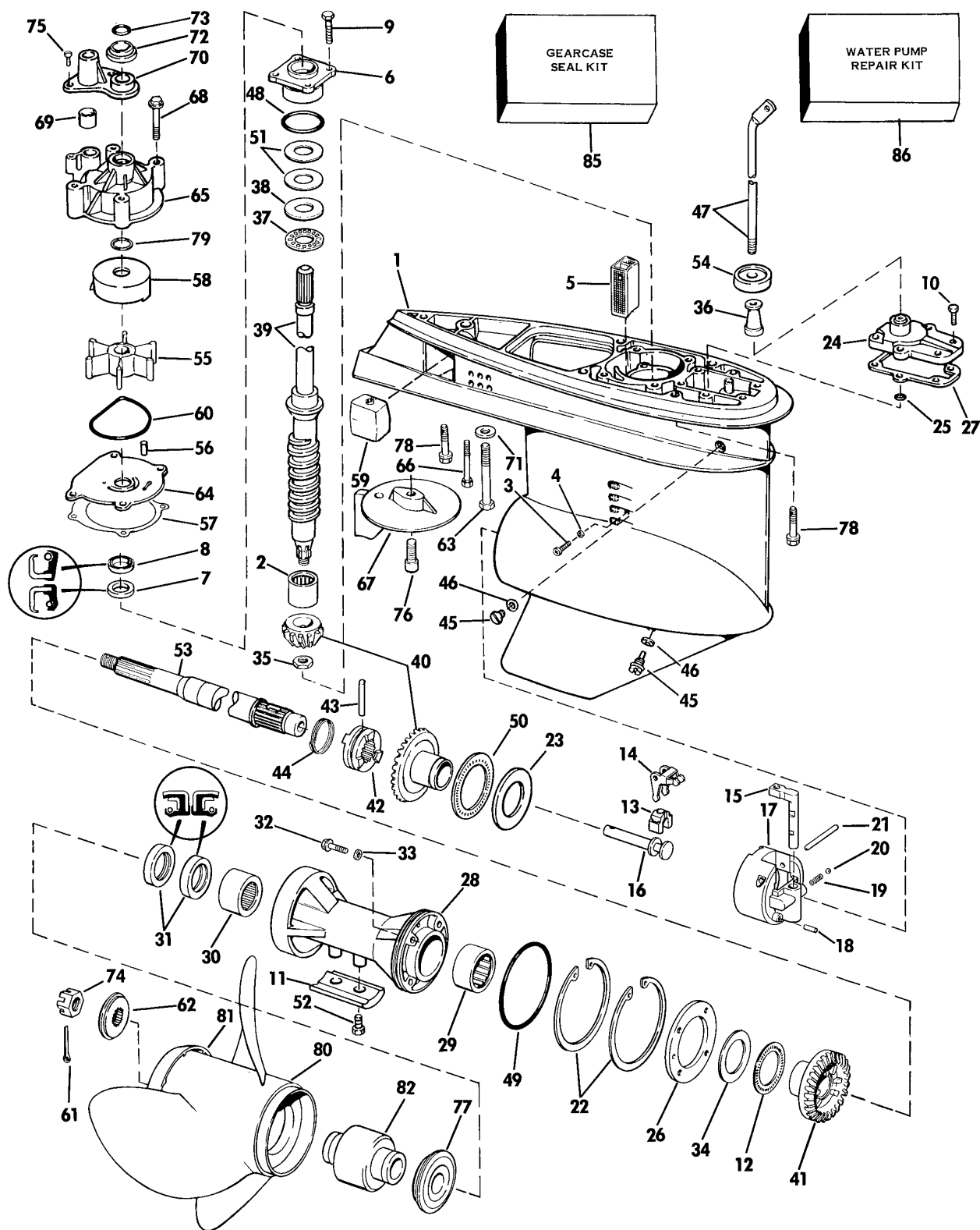
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MIDSECTION

BP88

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	983087	SWIVEL BRACKET	1	41	328692	SCREW, Upper mount	2
2	313607	LUBRICATION FITTING	1	42	313169	LOCKWASHER, Mount screw	2
3	910901	INSERT, 5/16-18, locking	2	43	306314	LOCKWASHER, Mount bracket	4
4	320937	SEAL	2	44	303398	SCREW	3
5	911312	SEAL, Steering tube	1	45	320961	SEAL, Gearcase to inner housing	1
6	320866	THRUST WASHER, Pivot shaft	1	46	323459	GASKET	1
7	392519	STEERING ARM ASSY	1	47	393659	THERMOSTAT	2
		MECHANICAL	1	48	301250	WASHER	4
8	912233	RETAINER, Pivot shaft seal	1	49	330931	SCREW, Upper mount, long	2
9	328696	SCREW, Ground lead	1	50	318395	VALVE, Relief	2
10	320864	COVER, Mount bracket lower	2	51	323800	COVER, Exhaust housing, front	1
11	322000	SCREW, Cover	8	52	305652	SCREW, Thermostat housing	3
12	911519	MOUNT BRACKET	1	53	306422	NUT, Powerhead to adapter	4
13	320746	NUT, Mount bracket	1	54	322302	SEAL, Shift rod	1
14	911225	FILLER PAD, Lower mount to exhaust hsg	1	55	320936	SEAL, Exhaust housing	2
15	332745	EXHAUST HOUSING, Outer	1	56	323255	EXHAUST HSG, Inner	1
16	328698	SCREW, Exhaust housing	6	57	320839	EXHAUST HSG, Inner lower	1
17	301250	WASHER, Exh & adapter hsgs	8	58	910741	SCREW, Spray plate	2
18	391710	RUBBER MOUNT, Lower, std blue	1	59	912619	SPRAY PLATE	1
19	328078	SCREW, Mount	4	60	912619	TIE STRAP, Cable to steering arm	1
20	583967	LEAD ASSY, Ground	1	61	911524	SPACER, Thrust pad	AR
21	983524	COVER, Rear	1	62	911009	WASHER, Thrust pad	2
22	334824	SEAL, Cover	1	63	911078	SCREW, Thrust pad	2
23	328694	SCREW, Covers	4	64	911201	WASHER, Spray plate	2
24	317245	SPRING, Pressure relief	2	65	909316	O-RING	1
25	321932	GASKET, Thermostat	2	66	910920	THRUST PAD	1
26	321693	VALVE BODY	1	67	910921	MOUNTING PLATE	1
27	323404	WATER TUBE	1	68	327696	KEEPER, Pivot shaft	1
28	305145	GROMMET, Water tube	1	69	320962	BUSHING	1
29	321690	COVER, Thermostat	1	70	328096	MOUNTING SCREW	1
30	331037	ADAPTER, Exhaust housing	1	71	331022	PLATE, Upper mount	1
31	302860	SCREW	2	72	912622	DECAL, Exhaust housing	1
32	321692	GROMMET	2	73	123178	BOLT, Steering connector	1
33	332369	GASKET	2	74	315077	LOCKNUT, Stainless steel	2
34	302290	LOCKWASHER	10	75	319453	WASHER	2
35	306418	SCREW, Inner to outer housing	5	76	173694	CONNECTOR ROD ASSY, Stainless steel	1
36	306409	SCREW, Adapter to housing, outer	2	77	122840	NUT, Pivot	1
37	321727	GASKET, Adapter to powerhead	1	78	122841	SPACER, Pivot	1
38	395755	RUBBER MOUNT ASSY, Upper	1	79	913262	SPRAY DEFLECTOR	1
39	330930	SCREW, Upper mount	1	80	301250	WASHER, Spray deflector	2
40	393023	ANODE	1	81	910736	SCREW, Plate & deflector	2

GEARCASE



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GEARCASE

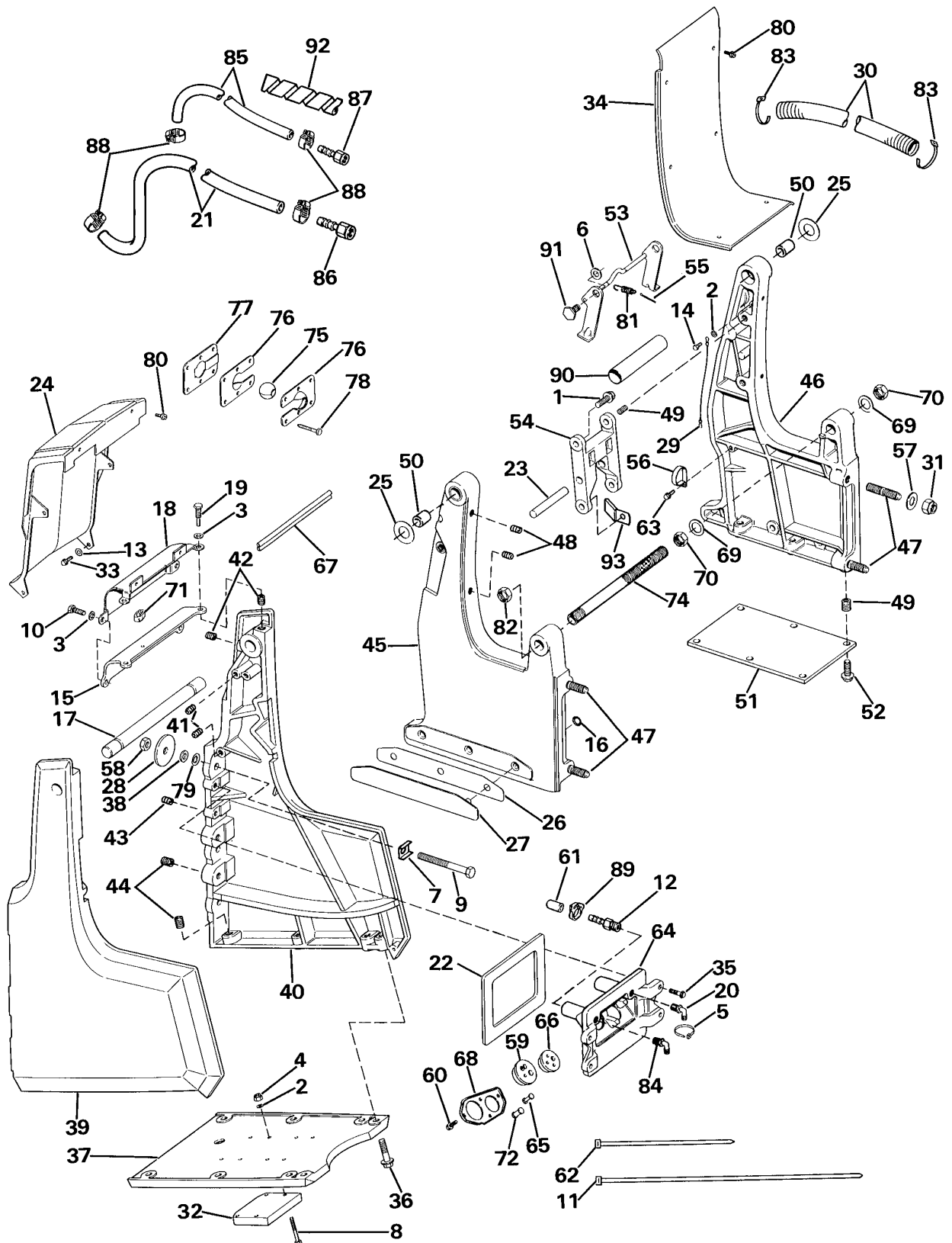
BP89

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
*	433450	GEARCASE ASSY , Complete ■	1	51	323361	SHIM, Bearing housing, 10mm (004")	AR
1	431642	GEARCASE & BRG ASSY	1	51	314745	SHIM, Bearing housing, 12mm (005")	AR
2	384195	BEARING, Pinion	1	52	908158	SCREW, Anode	2
3	324852	SETSCREW & SEAL, Bearing	1	53	387818	PROPELLER SHAFT ASSY	1
4	332584	WASHER	1	54	321008	GROMMET ①	1
5	323466	SCREEN, Water intake	1	55	395864	IMPELLER & KEY ASSY ①	1
6	397493	BEARING HSG & SEAL ASSY	1	56	331107	KEY, Impeller ① ..	1
7	329923	SEAL, Lower ④	1	57	324701	GASKET, Impeller housing plate ① ④	1
8	329922	SEAL, Upper ④	1	58	330379	CUP, Impeller ① ②	1
9	317624	SCREW, Hsg to gearcase ■	4	58	330384	CUP, Impeller ③	1
10	302325	SCREW, Cover	6	59	393023	ANODE, Gearcase	1
11	431708	ANODE, Bearing housing ...	1	60	331353	SEAL, Impeller housing plate ① ..	1
12	382408	THRUST BRG ASSY , Rev gear	1	61	314502	COTTER PIN, Propeller nut	1
13	334163	CRADLE, Shifter	1	62	315810	SPACER, Propeller nut ..	1
14	324037	LEVER, Shift	1	63	331998	SCREW, Gearcase to hsg	1
15	323946	DETENT, Shifter	1	64	330380	PLATE, Impeller housing ① ②	1
16	322941	SHAFT	1	64	330383	PLATE, Impeller hsg ① ③	1
17	391365	BEARING HSG & PIN ASSY	1	65	395040	IMPELLER HOUSING ASSY	1
18	331880	PIN, Housing	1	66	328096	MOUNTING SCREW, Anode	1
19	326666	SPRING, Detent	1	67	327640	TRIM TAB, Gearcase	1
20	327345	BALL, Detent	1	68	328715	SCREW, Impeller housing ①	4
21	320145	PIN	1	69	314008	GROMMET, Water tube ①	1
22	313445	RETAINING RING	2	70	321159	COVER ①	1
23	324766	THRUST WASHER, Fwd , gear	1	71	306314	WASHER, Screw long	1
24	388618	COVER & SEAL ASSY	1	72	320943	GROMMET, Imp housing ①	1
25	318372	O-RING, Shift rod ④	1	73	310585	O-RING, Driveshaft to crankcase ①	1
26	314732	RETAINER PLATE, Bearing hsg	1	74	314503	NUT, Propeller	1
27	324670	GASKET, Cover ④	1	75	306643	SCREW, Cover to impeller ①	2
28	397087	BRG HOUSING SEAL ASSY	1	76	313715	SCREW, Trim tab	1
29	382407	NEEDLE BEARING ASSY	1	77	318841	THRUST BUSHING	1
30	379504	NEEDLE BEARING ASSY	1	78	331999	SCREW, Gearcase to exhaust hsg	5
31	330137	SEAL ...	2	79	332000	SEAL RING ①	1
32	316563	SCREW & SEAL ASSY ④	4	80	382761	PROPELLER, 14 x 11 AL	1
33	332583	SEAL	1	80	391668	PROPELLER, 14 x 13 AL	1
34	314731	THRUST WASHER, Reverse gear	1	80	391198	PROPELLER, 13-3/4 x 15 AL	1
35	314730	NUT, Pinion to driveshaft	1	80	391199	PROPELLER, 13-1/4 x 17 AL	1
36	321122	SPACER, Shift rod	1	80	390896	PROPELLER, 13 x 19 AL	1
37	387656	THRUST BEARING, Pinion	1	80	389788	PROPELLER, 12-3/4 x 21 AL	1
38	327656	THRUST WASHER, Pinion	1	80	390895	PROPELLER, 12-3/4 x 23 AL	1
39	394614	DRIVESHAFT ASSY	1	80	389949	PROPELLER, 13-3/4 x 15 - SST	1
40	985050	GEAR & PINION ASSY ■	1	80	389948	PROPELLER, 13-3/8 x 17 - SST	1
41	333077	GEAR, Reverse	1	80	389510	PROPELLER, 13 x 19 - SST	1
42	323664	SHIFTER, Clutch dog	1	80	389512	PROPELLER, 12-3/4 x 21 - SST	1
43	313448	PIN, Clutch dog	1	80	389514	PROPELLER, 12-3/4 x 23 - SST	1
44	324369	SPRING, Clutch dog pin	1	80	392261	PROPELLER, 13-3/4 x 13 - SST	1
45	318544	SCREW, Fill and drain ④	2	80	389792	PROPELLER, 14 x 11 - SST	1
46	333572	O-RING	1	81	332393	CONVERGING RING ⑤ ..	1
47	323270	SHIFT ROD	1	82	384977	PROP BUSHING ASSY	1
48	314728	O-RING, Driveshaft bearing ④	1	85	396354	GEARCASE SEAL KIT	1
49	313446	O-RING, Propeller shaft bearing housing ④	1	86	395060	WATER PUMP REPAIR KIT ②	1
50	385043	THRUST BRG ASSY , Fwd gear	1	86	395059	WATER PUMP REPAIR KIT ③	1
51	323362	SHIM, Bearing housing, 07mm (003")	AR	86	395062	WATER PUMP REPAIR KIT (includes impeller housing) ②	1

* Not Shown

- ① Contents of Water Pump Repair Kit
- ② Stainless Steel
- ③ Chrome Plated
- ④ Contents of Gearcase Seal Kit
- ⑤ Except SST Propellers

TRANSOM BRACKET ASSEMBLY - MECHANICAL STEERING



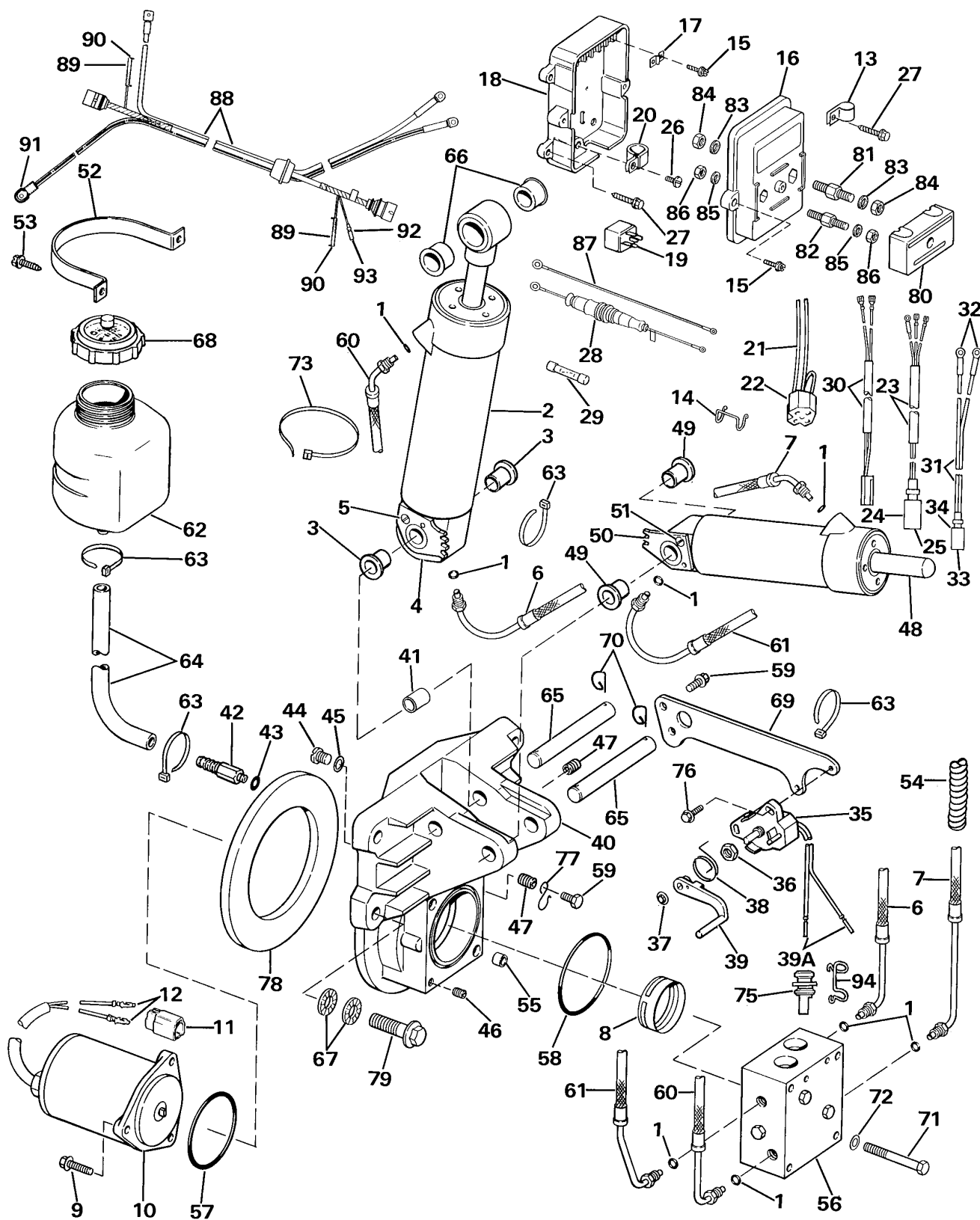
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TRANSOM BRACKET ASSEMBLY - MECHANICAL STEERING

BP90

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	911170	SCREW, Anchor to engine bracket	4	46	984802	ENGINE BRACKET ASSY , Stbd	1
2	328701	LOCKWASHER, Ground wire and anode	3	47	912265	STUD, Swivel housing to engine bracket	2
3	308688	WASHER, Guide plate	4	48	910934	INSERT, 1/4-20, locking	3, 4
4	313022	NUT, Anode	4	49	910939	INSERT, 1/2-13, locking	6
5	320107	TIE STRAP	AR	50	910941	BUSHING, Engine brkt	1
6	320248	WASHER, Trail lock screw	2	51	911165	PLATE, Engine bracket lower	1
7	911505	RETAINER, Mounting bolts	6	52	911170	SCREW, Plate to engine bracket	6
8	324430	SCREW, Anode to plate	4	53	983108	TRAIL LOCK LEVER AND ROD	1
9	326614	SCREW, Transom bracket	6	54	911599	ANCHOR BRACKET	1
10	328095	SCREW, Guide plate	2	55	306394	COTTER PIN, Trail lock spring	2
11	910817	TIE STRAP 21" (533mm)	1	56	911495	CLAMP, Cable to engine bracket	2
12	173311	NIPPLE, Oil, control brkt	1	57	912268	WASHER, Swivel housing to bracket	4
13	901893	WASHER, Transom bracket cover	4	58	313650	LOCKING NUT, Transom bracket	6
14	329217	SCREW, Ground wire	2	59	911489	GROMMET, Shift and throttle cable, brown	1
15	911922	PLATE, Transom bracket, upper	1	60	329217	SCREW, Grommet retainer	4
16	910953	RETAINING RING, Thrust plate	6	61	309174	CAP, Fitting	1
17	910954	SHAFT, Tilt pivot	1	62	907833	TIE STRAP, 11" (279mm)	AR
18	983955	GUIDE PLATE & BRKT ASSY	1	63	329217	SCREW, Clamp to engine bracket	2
19	911346	SCREW, Guide plate	2	64	983594	CONTROL BRACKET, Transom	1
20	912000	ELBOW, Fuel hose to bracket	1	65	908900	PLUG	1
21	912575	HOSE, Fuel line	1	66	911488	GROMMET, Shift and throttle cables, black	1
22	910988	GASKET, Control bracket to transom	1	67	910963	COVER, Shift and throttle cables	1
23	911598	PIN, Tilt cylinder rod end	1	68	911425	PLATE, Grommet retainer	1
24	912702	COVER, Transom bracket assy	1	69	911182	WASHER	2
25	910992	THRUST WASHER	2	70	911183	NUT	2
26	911083	SHIM, Thrust plate	AR	71	911027	GUIDE, Shift and throttle cables	1
27	912709	THRUST PLATE	2	72	911082	PLUG, Grommet	2
28	911235	WASHER, Transom mount	6	74	911175	TUBE, Steering	1
29	981870	GROUND WIRE ASSY	1	75	911177	SEAL, Steering cable	1
30	912784	JACKET, Steering cable	1	76	911178	PLATE, Steering cable	2
31	910925	LOCKNUT, Swivel housing to bracket	4	77	911180	SEAL, Steering cable plate	1
32	983191	ANODE ASSY	1	78	910987	SCREW, Plate mounting	6
33	329217	SCREW, Cover, transom bracket	4	79	910953	RETAINING RING	6
34	912704	COVER, Engine bracket	1	80	912738	SCREW, Cover	6
35	123018	SCREW, Control bracket to transom bracket	4	81	910950	SPRING, Trail lock	1
36	911171	SCREW, Plate to transom bracket	8	82	983678	NUT & WIPER	1
37	911186	PLATE, Transom bracket, lower	1	83	317893	TIE STRAP	2
38	910699	WASHER, Sealing	6	84	912001	ELBOW, Control bracket	1
39	984787	TRANSOM BRACKET ASSY , Port	1	85	912004	HOSE, Oil line	1
40	984788	TRANSOM BRACKET ASSY , Stbd	1	86	911502	CONNECTOR, Fuel hose	1
41	910934	INSERT, 1/4-20, locking	2, 3	87	911503	CONNECTOR, Oil hose	1
42	910935	INSERT, 3/8-16, locking	2	88	982115	HOSE CLAMP	4
43	910901	INSERT, 5/16-18, locking	2	89	322652	CLAMP	1
44	910939	INSERT, 1/2-13, locking	6	90	910942	SLEEVE, Pivot Shaft	1
45	984801	ENGINE BRACKET ASSY , Port	1	91	910949	SCREW, Trail lock	2
				92	911581	SLEEVE, Oil & fuel hoses	2
				93	912282	RETAINER, Oil & fuel hoses	1

SELECTRIM®/TILT



883055

SELECTRIM®/TILT

BP91

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	321117	O-RING, Oil	8	46	910901	INSERT, 5/16-18, locking	4
2	984836	CYLINDER ASSY, Tilt	1	47	910934	INSERT, 1/4-20, locking	3
3	910855	BUSHING	2	48	984835	CYLINDER ASSY, Trim	1
4	910979	GEAR, Tilt cylinder	1	49	910855	BUSHING	2
5	911246	SCREW, Gear	1	50	910982	GEAR	1
*	983645	O-RING KIT, Tilt cylinder	1	51	911246	SCREW, Gear	1
6	983227	OIL LINE ASSY, Tilt cyl to valve body, upper	1	*	983646	O-RING KIT, Trim cylinder	AR
7	983230	OIL LINE ASSY, Trim cyl to valve body, lower	1	52	910986	STRAP, Reservoir mtg	1
8	321350	FILTER, Oil pump	1	53	910987	SCREW, Reservoir mtg	2
9	909386	SCREW	3	54	911909	JACKET, Oil line	4
10	985237	MOTOR ASSY	1	55	910965	DOWEL, Valve body	2
11	325698	CONNECTOR, Motor	1	56	983798	VALVE BODY ASSY ③	1
12	511657	TERMINAL	AR	57	321163	O-RING, Motor	1
*	583522	BRUSH & SEAL KIT ①	AR	58	910966	O-RING, Valve body	1
*	984058	END CAP & BRUSH ASSY ②	AR	59	329217	SCREW, Mounting bracket & clamp	3
13	317000	CLAMP	2	60	983225	OIL LINE ASSY, Tilt	1
14	512742	RETAINER	1	61	983226	OIL LINE ASSY, Trim cyl to valve body, upper	1
15	329182	SCREW, Cover & terminal	9	62	910961	RESERVOIR	1
16	983160	COVER ASSY	1	63	320107	TIE STRAP	6
17	315004	TERMINAL BLOCK JUMPER	3	64	**	HOSE, Reservoir 546mm (21-1/2")	1
18	512639	BASE, Junction box	1	65	910984	PIN, Trim and tilt cylinder	2
19	582472	RELAY ASSY	2	66	322481	BUSHING	2
20	512066	CLAMP	1	67	911308	DISC LOCK	8
21	582186	CONNECTOR & LEAD	2	68	173851	CAP, Oil tank assy	1
22	511866	CONNECTOR	1	69	911158	BRACKET, Sending unit	1
23	984286	CABLE ASSY, Trim	1	70	911247	PIN	4
24	512748	CONNECTOR	1	71	911078	SCREW, Valve body	4
25	511469	TERMINAL, Pin	3	72	306439	WASHER, Mounting screw	4
26	321209	SCREW, Clamp	1	73	907833	TIE STRAP, Hoses	1
27	310981	SCREW, Mounting	6	75	512745	CONNECTOR, 2 socket plug	1
28	984847	FUSE HOLDER & LEAD ASSY	1	76	910974	SCREW, Sending unit mtg	2
29	982019	FUSE, 50 Amp	1	77	910975	CLAMP, Leads	1
30	984872	CABLE ASSY	1	78	910985	GASKET TNT, Cylinder anchor	1
31	984874	CABLE ASSY, Sending unit	1	79	911171	SCREW	4
32	510780	TERMINAL, Ring	2	80	910913	LID, Junction box cover	1
33	511469	TERMINAL, Pin	2	81	910908	BOLT, Double-ended, pos	1
34	512746	CONNECTOR, 2 pin rcpt	1	82	910909	BOLT, Double-ended, neg	1
35	984739	SENDING UNIT ASSY	1	83	307708	LOCKWASHER	2
36	320689	NUT, Rotary switch	1	84	303889	NUT	2
37	511527	RETAINER	1	85	306470	LOCKWASHER	2
38	910790	SPRING	1	86	912072	NUT	2
39	912602	ARM, Sending unit	1	87	983099	LEAD ASSEMBLY	1
39A	581656	TERMINAL, Socket	AR	88	985308	CABLE ASSEMBLY, Engine thru transom	1
40	984026	ANCHOR BRACKET	1	89	303806	TUBING, Knife disconnect	2
41	911910	BUSHING	4	90	308808	TERMINAL, Knife	2
42	911520	NIPPLE	1	91	322815	TERMINAL COVER	1
43	911522	O-RING, Nipple	1	92	513186	SLEEVE	1
44	911252	PLUG, Air bleed	1	93	512876	TERMINAL, Socket	1
45	911311	O-RING, Air bleed	1	94	512741	RETAINER	1

* Not Shown

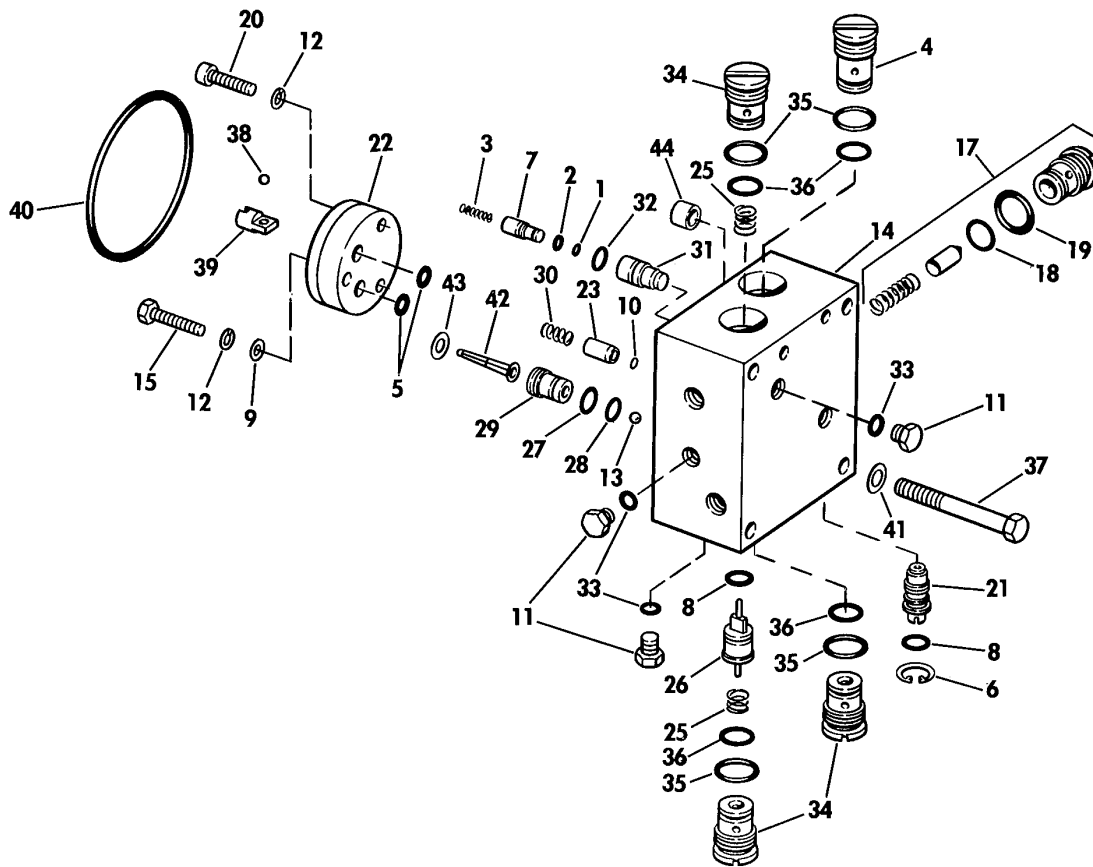
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① With "S" Identification Letter on End Cap

② Without Identification Letter on End Cap

③ See Page 26 For Detail of Service Parts

VALVE BODY ASSY.



843093

BP65

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
*	983798	VALVE BODY ASSY	1	23	122759	POPPET	1
1	324678	O-RING	1	25	323846	SPRING, Pump control piston	2
2	324677	O-RING	1	26	323848	PISTON, Pump control	1
3	325863	SPRING	1	27	202893	O-RING	1
4	387517	HOUSING, Valve seat & seal	1	28	303191	O-RING	1
5	321357	O-RING, Pump, small	2	29	911603	VALVE SEAT	1
6	321362	RETAINING RING, Manual release	1	30	321282	SPRING	1
7	325862	VALVE CORE	1	31	391155	SEAT, Valve core, relief valve	1
8	202893	O-RING, Valve seat & piston	2	32	326425	O-RING, Valve seat	1
9	300154	WASHER, Pump to manifold	1	33	911311	O-RING, Housing	6
10	122757	SEAL, Valve	1	34	387376	VALVE SEAT, Housing & seal assy	3
11	911252	PLUG, Valve body	6	35	326649	O-RING	1
12	306311	LOCKWASHER, Screw, pump	3	36	304174	O-RING	1
13	800128	BALL	1	37	911078	SCREW, Valve body	4
14	911253	VALVE BODY	1	38	322175	BALL, Coupling	1
15	321219	SCREW, Pump to manifold	1	39	322174	COUPLING, Oil pump to motor	1
17	983799	VALVE SEAT & HOUSING ASSY	1	40	910966	O-RING, Valve body	1
18	304174	O-RING	1	41	306439	WASHER, Mounting screw	4
19	326649	O-RING	1	42	321165	FILTER	1
20	321942	SCREW, Oil pump to manifold	2	43	911307	WASHER, Filter	1
21	387990	VALVE ASSY, Manual release	1	44	910965	DOWEL, Valve body	2
22	389836	OIL PUMP ASSY	1				

* Not Shown

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