

1984

Sea Drive

2.5L	1CAXCRA
	1CBXCRA

2.6L	1CCXCRA
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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	QT. CAN
1655	PRIMER	172757	376015
1696	SILVER	395031	174032

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

This exploded view diagram illustrates the assembly of a boat outboard motor. The main components shown are the upper motor housing (1) and the lower motor housing (2). The diagram details the internal mechanical parts, including the crankcase (3), crankshaft (4), and various linkages and bearings (5-10). It also shows the external components like the upper cowl (11), lower cowl (12), and the OMC SeaDrive logo (17). The diagram is labeled with numbers 1 through 67, corresponding to the parts list on the right.

1. Upper Motor Housing
2. Lower Motor Housing
3. Crankcase
4. Crankshaft
5. Crankcase Cover
6. Crankcase Gasket
7. Crankcase Bolt
8. Crankcase Nut
9. Crankcase Washer
10. Crankcase Seal
11. Upper Cowl
12. Lower Cowl
13. Upper Cowl Gasket
14. Upper Cowl Bolt
15. Upper Cowl Nut
16. Lower Cowl Gasket
17. OMC SeaDrive Logo
18. Lower Cowl Bolt
19. Lower Cowl Nut
20. Lower Cowl Washer
21. Lower Cowl Seal
22. Lower Cowl Gasket
23. Lower Cowl Bolt
24. Lower Cowl Nut
25. Lower Cowl Washer
26. Lower Cowl Seal
27. Lower Cowl Gasket
28. Lower Cowl Bolt
29. Lower Cowl Nut
30. Lower Cowl Washer
31. Lower Cowl Seal
32. Lower Cowl Gasket
33. Lower Cowl Bolt
34. Lower Cowl Nut
35. Lower Cowl Washer
36. Lower Cowl Seal
37. Lower Cowl Gasket
38. Lower Cowl Bolt
39. Lower Cowl Nut
40. Lower Cowl Washer
41. Lower Cowl Seal
42. Lower Cowl Gasket
43. Lower Cowl Bolt
44. Lower Cowl Nut
45. Lower Cowl Washer
46. Lower Cowl Seal
47. Lower Cowl Gasket
48. Lower Cowl Bolt
49. Lower Cowl Nut
50. Lower Cowl Washer
51. Lower Cowl Seal
52. Lower Cowl Gasket
53. Lower Cowl Bolt
54. Lower Cowl Nut
55. Lower Cowl Washer
56. Lower Cowl Seal
57. Lower Cowl Gasket
58. Lower Cowl Bolt
59. Lower Cowl Nut
60. Lower Cowl Washer
61. Lower Cowl Seal
62. Lower Cowl Gasket
63. Lower Cowl Bolt
64. Lower Cowl Nut
65. Lower Cowl Washer
66. Lower Cowl Seal
67. Lower Cowl Gasket

ENGINE COVER

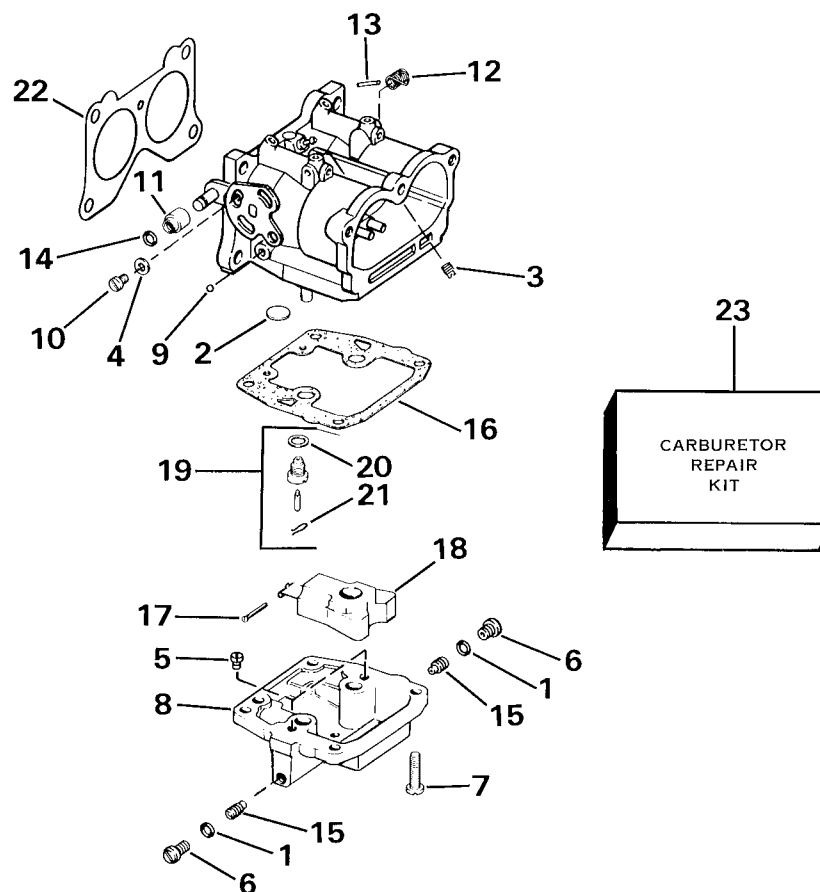
BS1

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	983758	ENGINE COVER ASSY	1	35	328703	WASHER, Screw hook	3
2	394976	LOCATING BRACKET, Rear	2	36	303398	SCREW, Mount, rear	3
3	324898	BUMPER, Locating bracket	2	37	328695	SCREW, Supports	6
4	911392	SOUND BLANKET, Sides & rear	1	38	313022	NUT, Clamp	3
5	911579	SCREW, Tilt handle, front	1	39	910930	GROMMET, Contol cables, black	1
5	323228	SCREW, Tilt handle, rear	2	39	911231	GROMMET, Contol cables, brown	1
6	319137	SCREW, Hook	6	40	910931	CLAMP, Remote control cables	1
7	306407	WASHER, Hook	6	41	911110	SUPPORT, Cables, front	2
8	326948	RIVET, Locating bracket	12	42	911151	SUPPORT, Cables, rear	2
9	323176	HOOK, Rear cover	2	43	911411	BRACKET, Remote control cables	1
10	317223	FASTENER, Applique	16				
11	911913	SOUND BLANKET, Top	1	44	329217	SCREW, Bracket	3
12	911533	PLATE, Applique 2 5 model	1	45	328700	WASHER, Mount, large	6
12	911537	PLATE, 2 6 only	1	46	328695	SCREW, Lower cover	2
13	208208	TILT HANDLE	1	47	315111	SUPPORT, Front	1
14	321255	SEAL, Engine cover	1	48	383641	LATCH HANDLE ASSY , Front	1
15	323175	HOOK, Locating bracket	1	49	911378	ENGINE COVER, Lower	1
16	910679	APPLIQUE, Engine cover rear	1	50	983237	VENT & DRAIN VALVE	2
17	911413	APPLIQUE, Port & star	2	51	313219	WASHER, Screw hook	3
18	204476	FASTENER, Applique, rear	4	52	308532	BUSHING	6
19	911390	AIR INLET, Port	1	53	323170	HOOK, Front and stbd , rear	2
20	389971	LOCATING BRACKET, Front	1	54	320521	GROMMET, Drain	1
21	324898	BUMPER, Locating bracket	1	55	323169	HOOK, Lower rear port	1
22	323937	SCREW, Baffle to tilt handle	3	56	315113	SUPPORT, Stbd , rear	1
23	#	SEAL, Baffle to tilt handle	1	57	315112	SUPPORT, Port, rear	1
24	911914	BAFFLE, Upper motor cover	1	58	327668	FRAME ASSY	1
25	206520	BAFFLE, Tilt handle	1	59	302325	SCREW, Frame	4
26	911391	AIR INLET, Stbd	1	60	911393	GROMMET, Control cables	1
27	911622	SUPPORT, Seal, exh hsg 25 only	1	61	911521	GROMMET, Engine cable	1
28	303887	WASHER, Brkt to cover	2	62	911500	ELBOW, Fuel line 5/8"	1
29	911123	GROMMET, Engine cover	3	63	911501	ELBOW, Oil line 1/2"	1
30	328695	SCREW, Frame, front	2	64	911440	BULKHEAD FITTING	2
31	911102	SEAL, Frame to lower cover	1	65	911442	WASHER, Bulkhead fitting	4
32	312241	SCREW, Handle to latch	3	66	911441	NUT, Bulkhead fitting	2
33	302406	SLEEVE, Mount	3	67	303551	SCREW, Supports	4
34	383685	LATCH HANDLE ASSY , Rear	2	*	911395	OWNERS MANUAL	1

* Not Shown

Use 315984 Cut To Length

CARBURETOR



BS2

841200

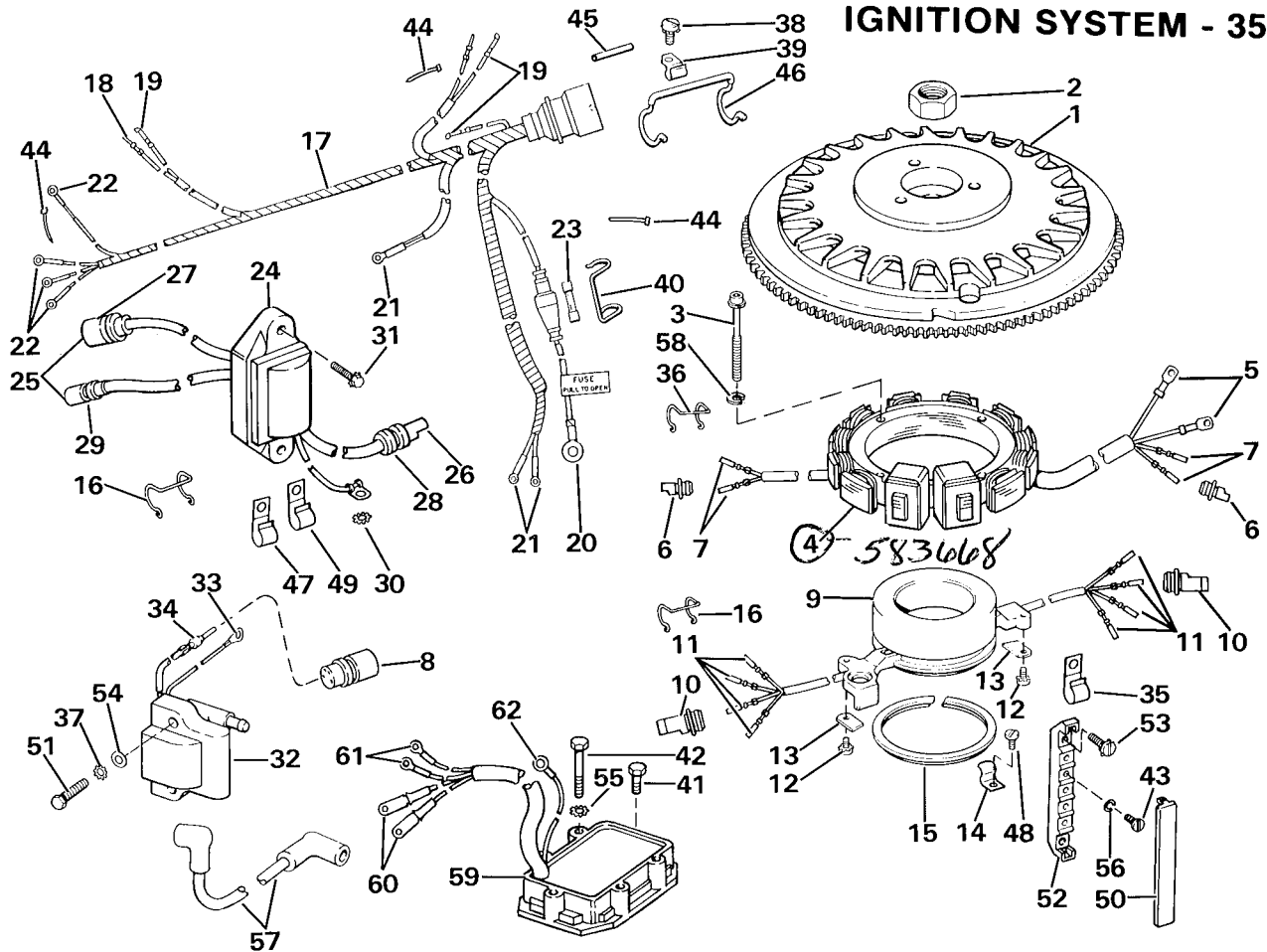
Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
* 393773		CARB ASSY , Upper, 2 5 only	1	●11	330056	ROLLER, Cam follower	1
* 393774		CARB ASSY , Middle, 2 5 only	1	12	314887	SPRING, Throttle return	1
* 393773		CARB ASSY , Lower, 2 5 only	1	13	314575	PIN, Return spring	1
* 394739		CARB ASSY , Upper, 2 6 only	1	14	308776	RETAINING RING	1
* 394740		CARB ASSY , Middle, 2 6 only	1	15	317021	ORIFICE PLUG No 57C, 2 6 only	2
* 394739		CARB ASSY , Lower, 2 6 only	1	15	329911	ORIFICE PLUG No 54C, 2 5 only	2
††1	321117	WASHER, Screw plug	2	††16	323784	GASKET, Float bowl	1
††2	202310	CORE PLUG	2	††17	302661	PIN, Float	1
3	320015	ORIFICE, Idle air bleed, No 33	2	††18	383437	FLOAT ASSY	1
●4	328735	WASHER, Follower screw	1	††19	394970	FLOAT VALVE ASSY	1
5	322776	ORIFICE, No 29	2	††20	301996	WASHER	1
6	330131	SCREW, Plug	2	††21	603145	CLIP	1
7	319682	SCREW, Bowl to body	4	††22	327707	GASKET, Carburetor mounting	3
8	393784	FLOAT CHAMBER ASSY	1	23	392550	CARBURETOR REPAIR KIT	1
9	304201	LEAD SHOT	10				
●10	328714	SCREW, Cam follower	1				

* Not Shown

†† Also Available in Carburetor Repair Kit

● Middle Carburetor Only

IGNITION SYSTEM - 35 AMP

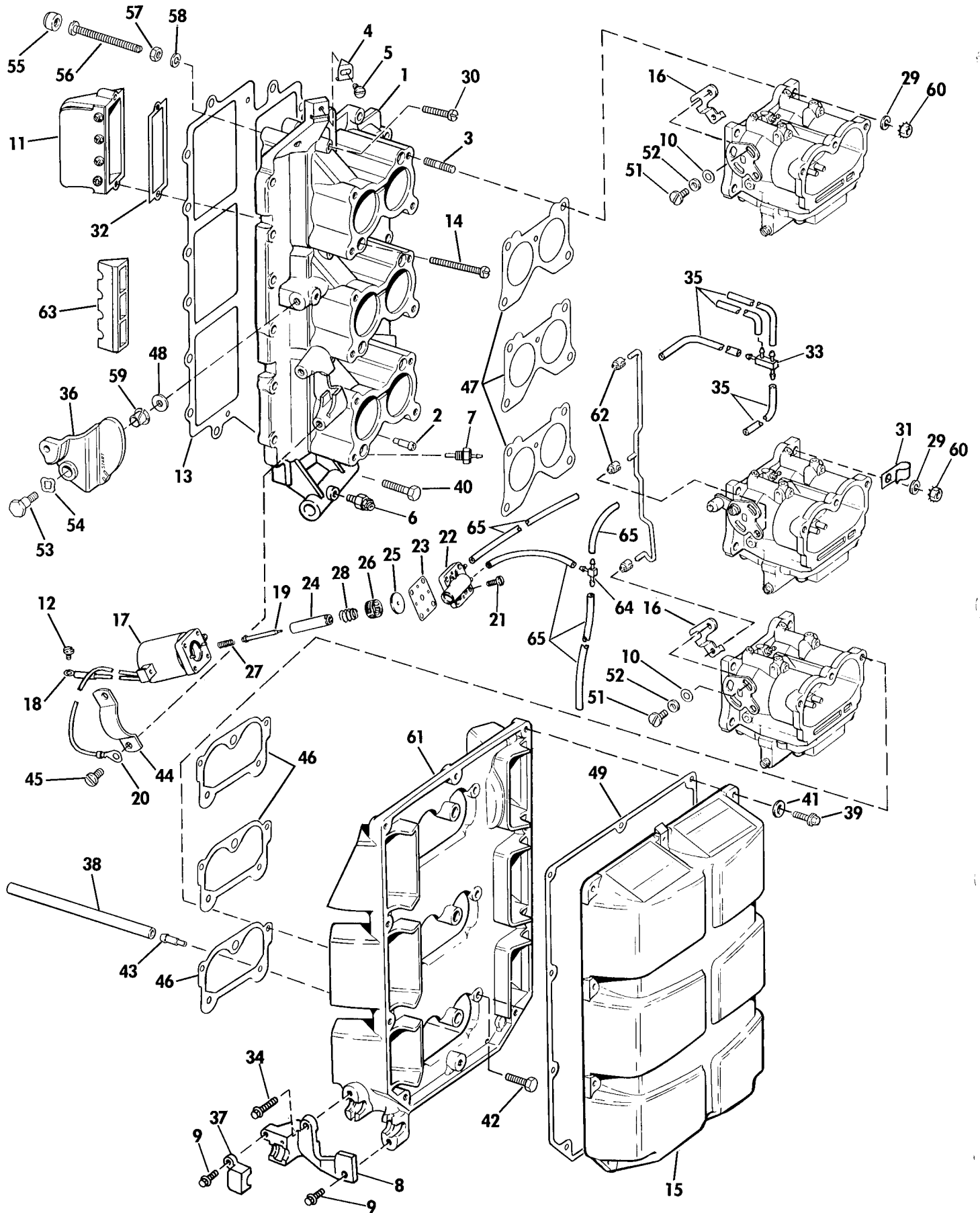


BS3

843104

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	582572	FLYWHEEL ASSY	1	32	582106	COIL ASSY	6
2	316828	NUT, Flywheel	1	33	510767	RING TERMINAL	1
3	512321	SCREW, Stator mounting	4	34	511469	PIN	1
4	582574	STATOR ASSY , 35 amp	1	35	309322	CLAMP, High tension lead	7
5	204038	RING TERMINAL	2	36	511618	RETAINER, Stator connector	2
6	511989	CONNECTOR	2	37	328701	LOCKWASHER, Ground	6
7	581656	SOCKET	4	38	303311	SCREW, Cable spring	1
8	511449	CONNECTOR, Coil to power pack	2	39	326365	CLAMP, Spring, engine cable	1
9	582394	TIMER BASE & SENSOR ASSY	1	40	321077	RETAINER, Fuse holder	1
10	511991	CONNECTOR	2	41	306049	SCREW, Rect & reg , short	1
11	581656	SOCKET	8	42	321375	SCREW, Rect & reg , long	5
12	307019	SCREW	2	43	329182	SCREW, Terminal block	5
13	511387	CLAMP, Leads	2	44	320107	TIE STRAP	3
14	326439	CLAMP, Timer base	4	45	303806	TUBING, Low oil warning switch	1
15	313666	RETAINER, Timer base	1	46	315182	CLAMP	1
16	322549	RETAINER, Connector, power pack	4	47	310493	CLAMP, Power pack connector	1
17	582866	ENGINE CABLE ASSY	1	48	328714	SCREW, Retainer clamp	4
18	511469	PIN	2	49	311339	CLAMP, Connector	3
19	308808	KNIFE DISCONNECT	3	50	390318	COVER ASSY	1
20	204053	RING TERMINAL	1	51	328725	SCREW, Coil mounting	12
21	204036	RING TERMINAL	2	52	326255	TERMINAL BLOCK	1
22	510780	RING TERMINAL	5	53	306644	SCREW, Block to bracket	2
23	510884	FUSE, 20 amp	1	54	328703	WASHER, Ignition coil mounting	12
24	582642	POWER PACK	2	55	303480	LOCKWASHER, Ground, rect & reg	2
25	511469	PIN	6	56	304454	LOCKWASHER	5
26	581656	SOCKET	4	57	582135	LEAD ASSY , Ignition coil	6
27	511449	CONNECTOR	1	58	328736	LOCKWASHER, Stator	4
28	511991	CONNECTOR	1	59	582904	VOLTAGE REGULATOR & RECTIFIER ASSY	1
29	511616	CONNECTOR	1	60	204038	RING TERMINAL STATOR	2
30	328701	LOCKWASHER, Power pack to ground	2	61	511733	RING TERMINAL	2
31	328726	SCREW, Power pack to cylinder	4	62	330254	RING TERMINAL, Solenoid	1

INTAKE MANIFOLD



INTAKE MANIFOLD

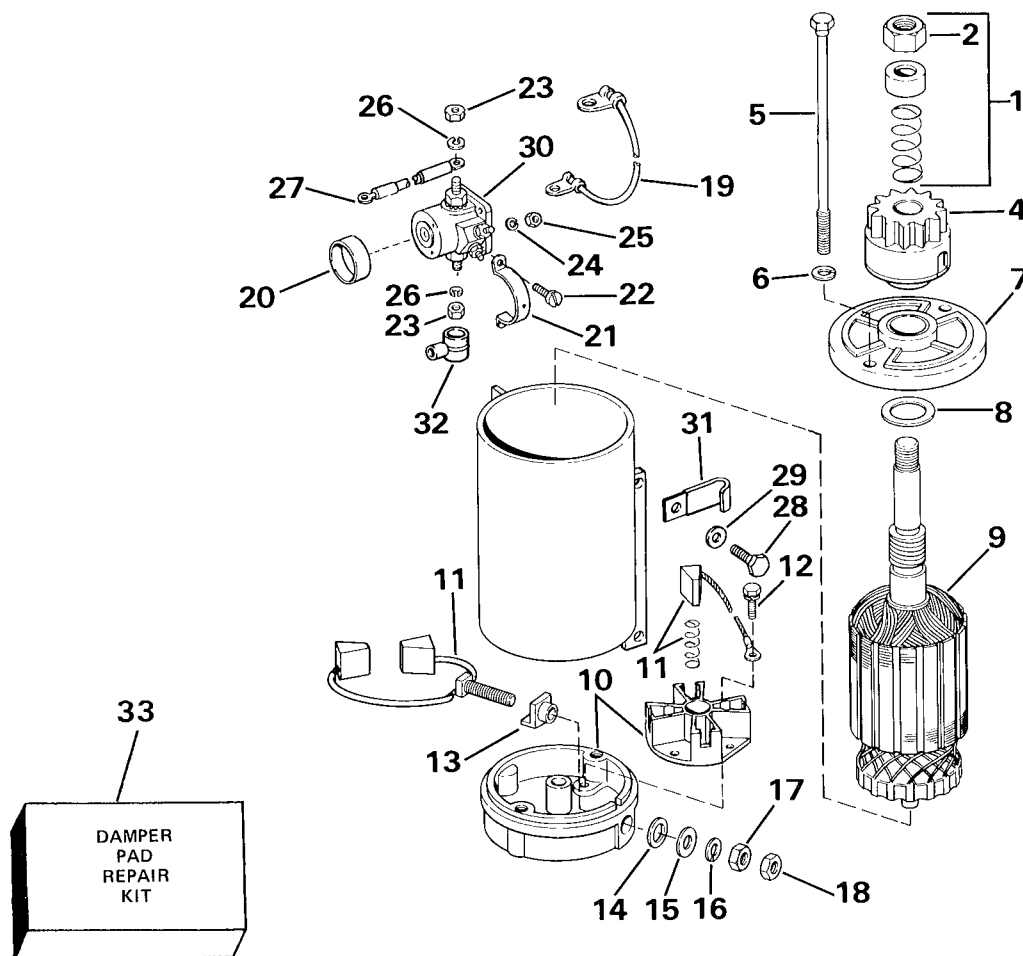
BS4

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	394367	INTAKE MANIFOLD ASSEMBLY	1	32	321907	GASKET, Leaf plate	6
2	325659	NIPPLE	1	33	325564	CONNECTOR, Drain hoses	2
3	314956	STUD	12	34	909533	SCREW, Bracket to anchor block	1
4	330115	TIMING POINTER, Manifold	1	35	**	HOSE, Drain system	AR
5	329594	SCREW, Timing pointer	1	36	326170	THROTTLE CAM	1
6	319253	LUBE FITTING	1	37	911419	ANCHOR BLOCK	1
7	392988	CHECK VALVE & FILTER	6	38	#	HOSE, Air silencer, 6-1/2"	1
8	911387	BRACKET, Anchor block mounting	1	39	328744	SCREW, Cover to base	10
9	328217	SCREW, Bracket to base	2	40	306418	SCREW, Manifold to c'case	16
10	328735	WASHER, Adj lever	2	41	328703	WASHER, Cover to base	10
11	389823	LEAF PLATE ASSY	6	42	328695	SCREW, Air silencer base	6
12	329782	SCREW, Terminal to primer solenoid	1	43	314513	NIPPLE, Air silencer base	1
13	329718	GASKET, Manifold to c'case	1	44	330118	CLAMP, Primer solenoid	1
14	313217	SCREW	6	45	319292	SCREW, Clamp primer solenoid	2
15	320930	COVER, Air silencer	1	46	319771	GASKET, Air silencer	3
16	320575	ADJ LEVER, Throttle link	2	47	327707	GASKET, Carb to manifold	3
17	582868	SOLENOID ASSY, Primer	1	48	328738	WASHER, Cam to manifold	1
18	510780	TERMINAL	1	49	321183	GASKET, Cover	1
19	511988	VALVE, Plunger	1	50	394723	LINK AND PIN, Throttle arm	1
20	510818	TERMINAL	1	51	328714	SCREW, Lever to carb	2
21	330121	SCREW, Cover to housing	4	52	306547	WASHER, Lever screw	2
22	512119	COVER, Primer solenoid	1	53	316037	SCREW, Cam to intake	1
23	511808	GASKET, Solenoid	1	54	328733	WAVE WASHER, Cam to intake	1
24	511809	PLUNGER	1	55	314416	BUMPER, Adj screw	1
25	511810	VALVE SEAT	1	56	328722	SCREW, Spark adjustment	1
26	511811	FILTER, Valve housing	1	57	328741	NUT, Screw, spark adjustment	1
27	511987	SPRING, Plunger	1	58	328736	LOCKWASHER	1
28	511986	SPRING, Valve	1	59	311015	BUSHING, Throttle cam	1
29	328701	LOCKWASHER, Carburetor	12	60	328742	NUT	12
30	133451	SCREW, Leaf plate to manifold, short	6	61	911418	BASE, Air silencer	1
31	316386	CLAMP, Drain tee to carb	1	62	313329	RETAINER, Carburetor link	3
				63	322722	FILLER BLOCK, 2 6 only	6
				64	325569	CONNECTOR, Primer hose	1
				65	**	HOSE, Primer solenoid system	AR

Cut from 203909

** Use 326449 Cut to Length

ELECTRIC STARTER & SOLENOID AMERICAN BOSCH 08142-23-M030SM

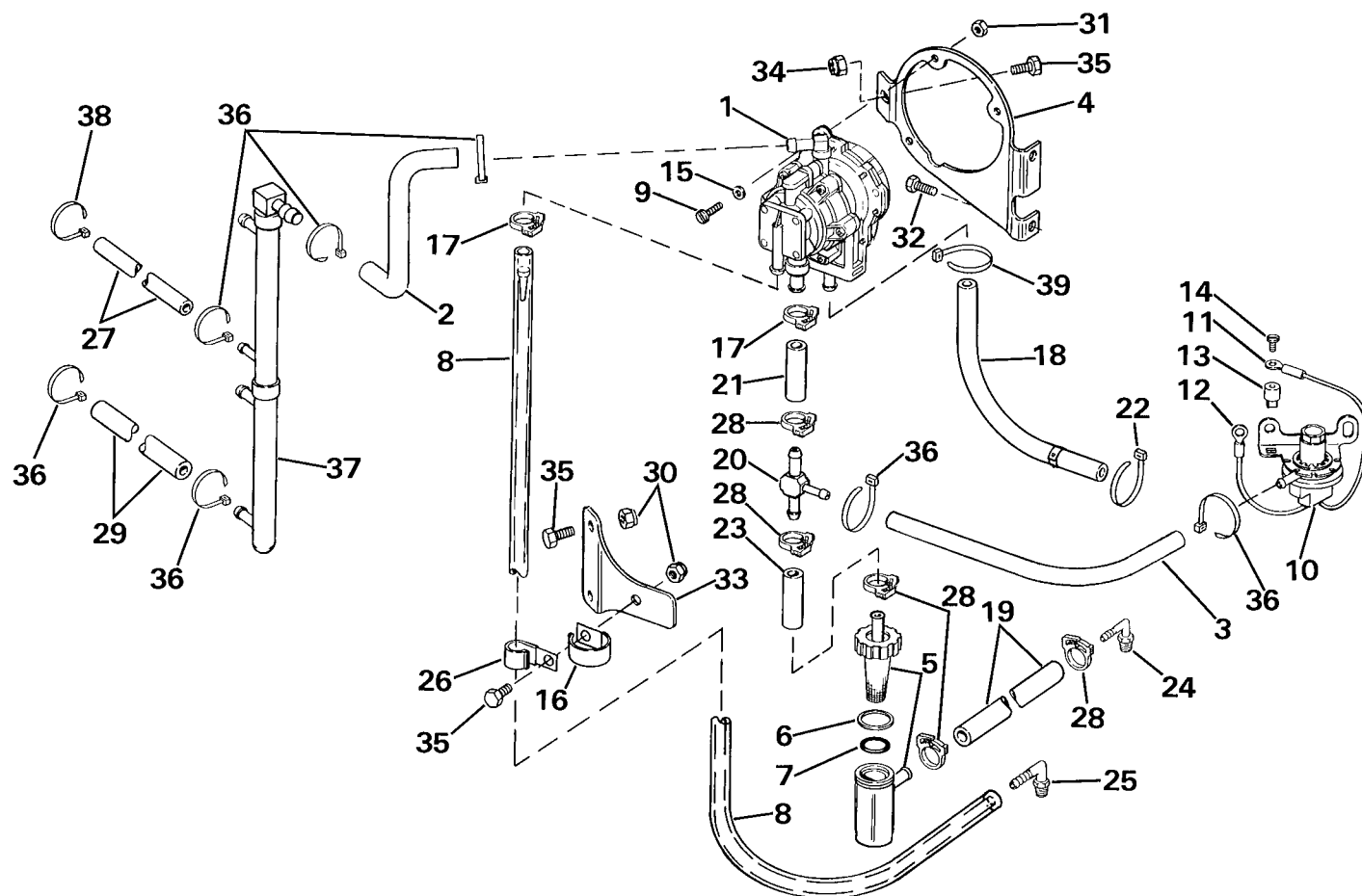


843096

BS5

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
*	395207	STARTER MOTOR ASSY	1	19	580733	LEAD ASSY , Ground, solenoid to bracket	1
1	393285	NUT, SPRING & SPACER KIT	1	20	311217	SLEEVE, Solenoid	1
2	316740	NUT, Gear spacer stop	1	21	330112	CLAMP, Solenoid mounting	1
4	387683	DRIVE ASSY	1	22	319292	SCREW, Solenoid mounting	2
5	387938	THRU BOLT PKG	1	23	311349	NUT, Terminal	3
6	321568	LOCKWASHER	2	24	304454	LOCKWASHER, Terminal	2
7	386639	CAP ASSY	1	25	306556	NUT, Terminal	2
8	316750	WASHER, Thrust armature	1	26	306470	LOCKWASHER, Terminal	3
9	387682	ARMATURE	1	27	394925	LEAD, Starter to solenoid	1
10	386645	CAP ASSY , Commutator	1	28	302860	SCREW, Str mounting	3
11	385952	BRUSH AND SPRING SET	1	29	306470	LOCKWASHER	3
12	387680	BOLT AND LOCKWASHER	2	30	383622	SOLENOID ASSY	1
13	316743	BUSHING, Insulation	1	31	330112	CLAMP, Lead to motor	1
14	316748	WASHER, Insulation	1	32	322815	COVER, Battery cable	1
15	316749	WASHER, Plain	1	33	387735	DAMPER PAD REPAIR KIT (Package of 10)	1
16	316744	LOCKWASHER	1				
17	387678	NUT AND WASHER	1				
18	321642	LOCKNUT, Input stud	1				

* Not Shown



BS6

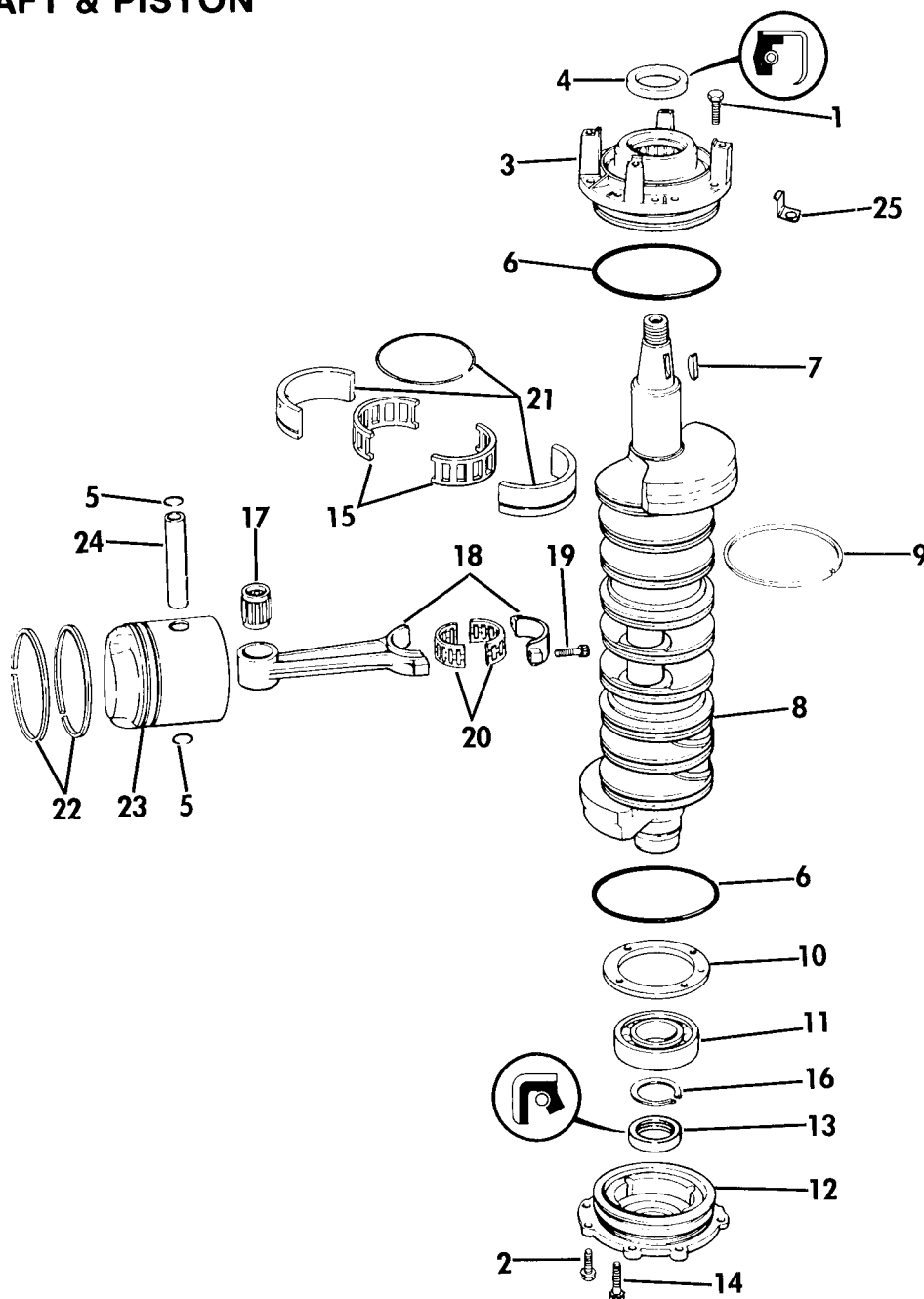
843106

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	174128	VRO™ PUMP ASSY	1	20	329603	TEE, Fuel hose to switch	1
2	911444	HOSE, Pump to manifold	1	21	†	HOSE, Tee to fuel pump, 1-5/8"	1
3	†††	HOSE, Tee to vacuum switch, 6-1/4" long	1	22	320107	TIE STRAP, Pulse hose	1
4	911449	BRACKET, Fuel pump to manifold	1	23	†	HOSE, Filter to tee 1-5/8" long	1
5	394395	FUEL FILTER ASSY	1	24	911426	ELBOW, Hose to filter	1
6	329716	GASKET	1	25	911427	ELBOW, Hose to pump	1
7	124369	O-RING	1	26	330151	CLAMP, Filter & oil hose assy	1
8	983766	FILTER & OIL HOSE ASSY	1	27	†††	HOSE, Fuel manifold to primer solenoid, 6-3/4"	1
9	328693	SCREW, Fuel pump to mount	3	28	322652	CLAMP, Fuel line	8
10	394937	VACUUM SWITCH AND BRACKET	1	29	325663	HOSE, Carburetor to manifold	3
11	511829	TERMINAL	1	30	313022	NUT, Bracket	3
12	510818	TERMINAL	1	31	121470	NUT, Fuel pump	3
13	328600	TERMINAL POST	1	32	306418	SCREW, Manifold to crankcase	2
14	330448	SCREW, Switch lead	1	33	911494	BRACKET, Filters	1
15	328735	WASHER, Mount bracket	3	34	313022	NUT, Bracket to air silencer	1
16	310439	CLAMP, Fuel filter	1	35	329217	SCREW, Bracket to air silencer	4
17	322654	CLAMP, Filter & connector	2	36	320107	TIE STRAP	11
18	983768	FLAME ARRESTOR, Pulse hose & clamp	1	37	983677	FUEL MANIFOLD ASSY	1
19	911446	HOSE, Fuel connector to filter	1	38	317893	TIE STRAP, Primer inlet	1
				39	320107	TIE STRAP, Fuel pump nipple	1

† For Service Use 319719

††† For Service Use 319733

CRANKSHAFT & PISTON

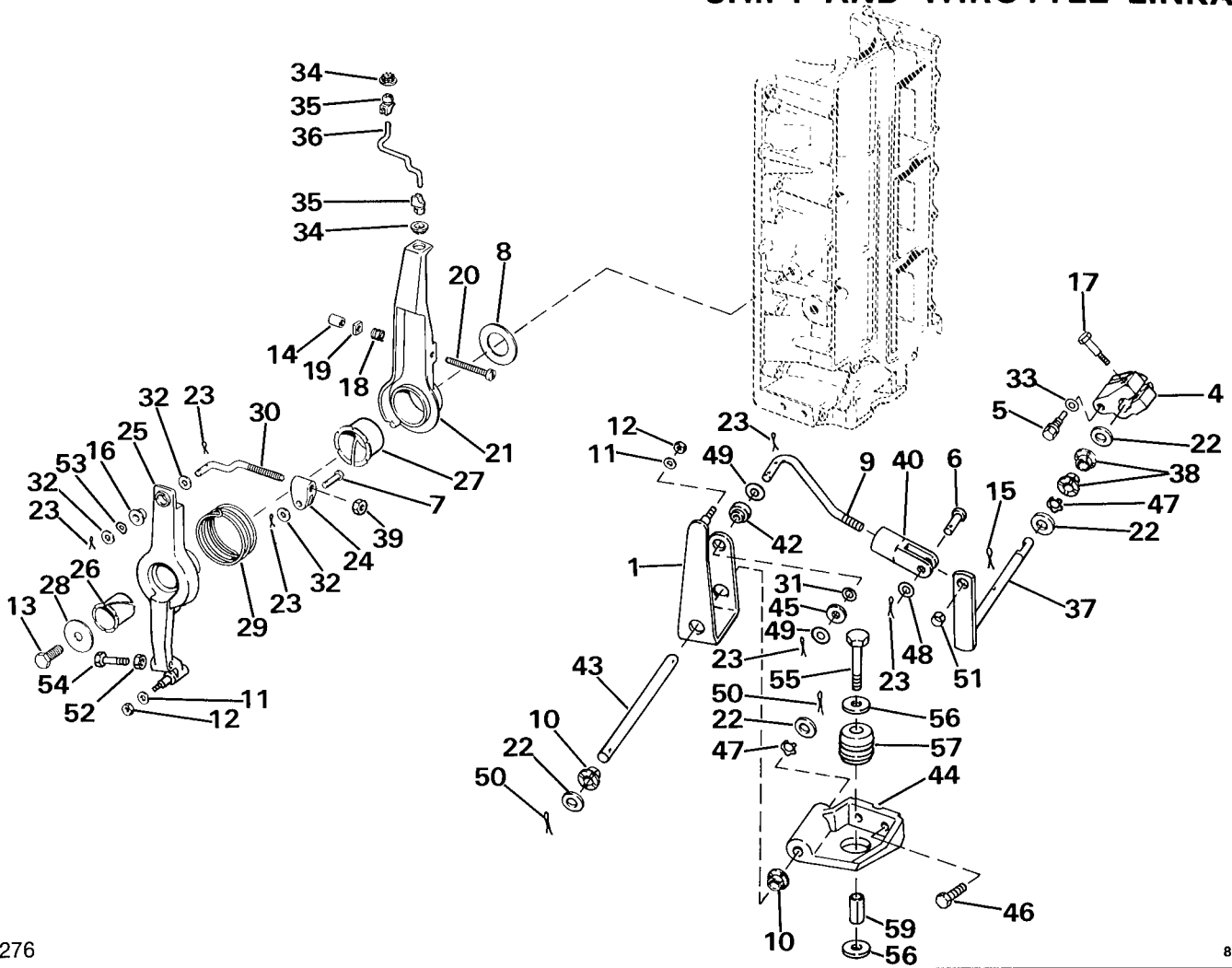


843035

BS7

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	306049	SCREW, Crankcase head upper	4	17	388595	BEARING, Wrist pin	6
2	308742	SCREW, Crankcase head	8	18	392591	CONNECTING ROD ASSY	6
3	387432	CRANKCASE HEAD AND BRG ASSY	1	19	308186	SCREW, Rod cap	2
4	322575	SEAL, Upper	1	20	387787	RETAINER SET	6
5	317831	RETAINING RING	12	21	320499	SPLIT SLEEVE, Center bearing	2
6	305123	O-RING	4	22	385663	RING SET, 030 O S 2 5 only	6
7	307480	KEY, Flywheel	1	22	385661	RING SET, Std, 2 5 only	6
8	388306	CRANKSHAFT ASSY	1	22	390509	RING SET, Std, 2 6 only	6
9	319244	SEAL RING, One stripe	AR	22	390510	RING SET, 030 O S 2 6 only	6
10	317762	PLATE, Lower bearing	1	23	393924	PISTON, Std, 2 5 only	6
11	385503	BEARING, Ball	1	23	393929	PISTON, 030 O S 2 5 only	6
12	394926	CRANKCASE HEAD ASSY	1	23	392455	PISTON, Std, 2 6 only	6
13	330137	SEAL	1	23	394066	PISTON, 030 O S 2 6 only	6
14	317763	SCREW, Plate	4	24	327861	WRIST PIN	6
15	387041	RETAINER & NEEDLE SET	2	25	326439	CLAMP, Retainer to crankcase head	4
16	308213	RING, Retaining, bearing	1				

SHIFT AND THROTTLE LINKAGE

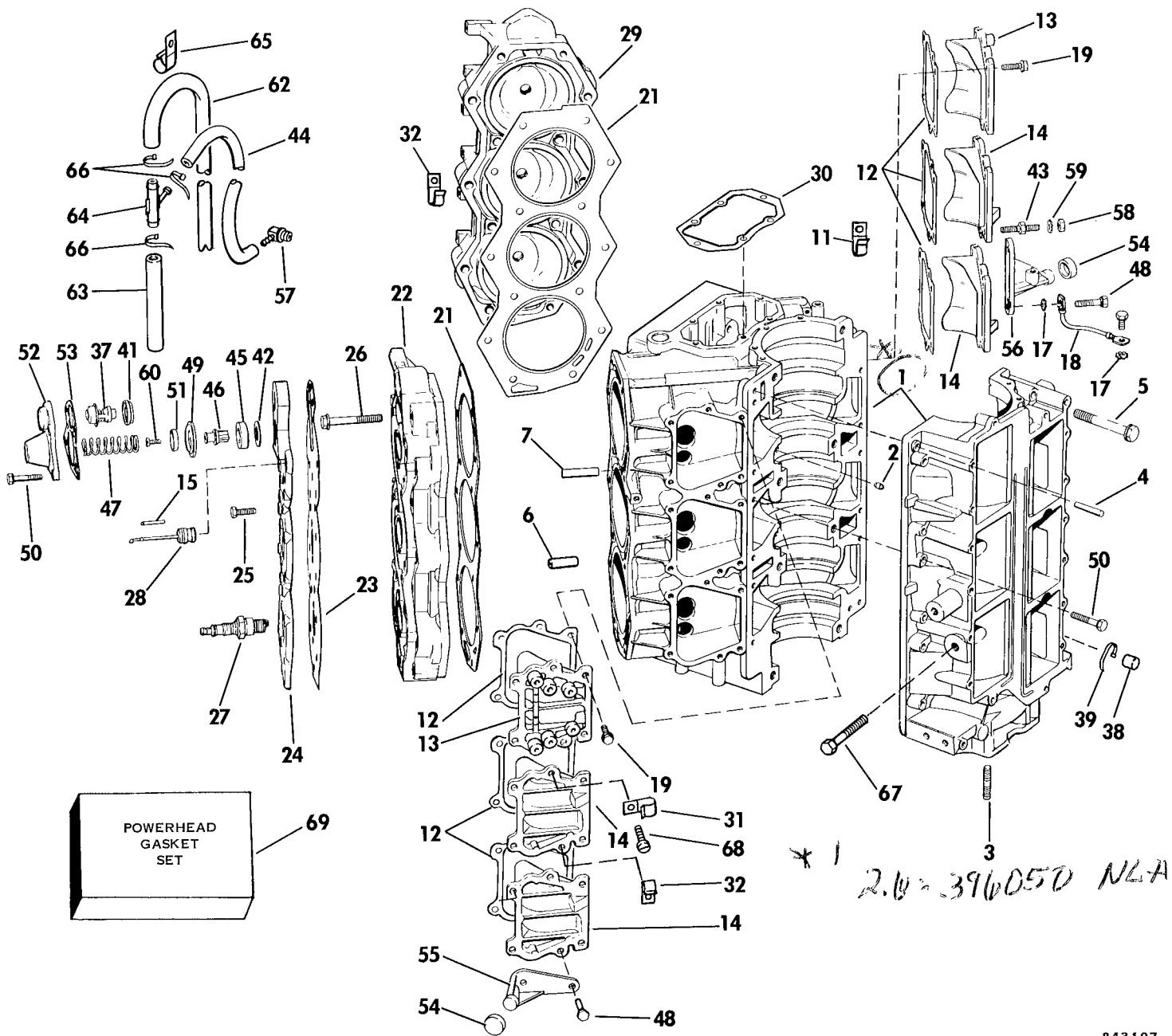
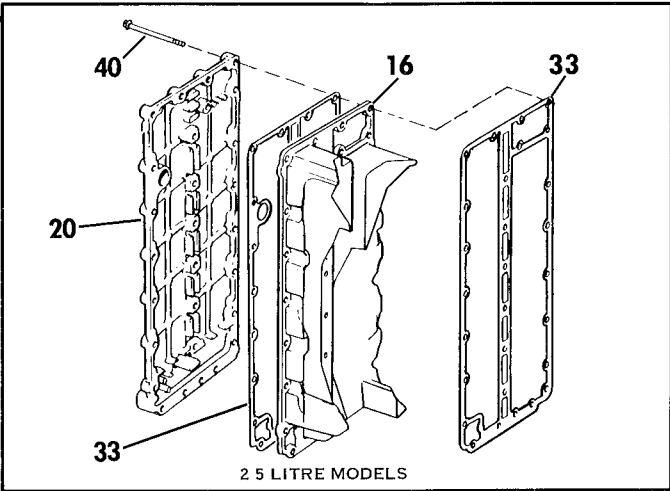
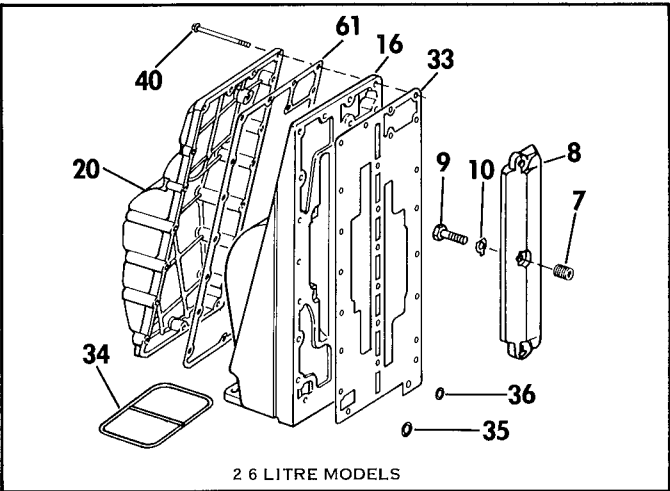


XD0276

843 033

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	983570	SHIFT LEVER & PIN ASSY	1	30	330117	ROD, Throttle lever to cam	1
2	302406	SLEEVE, Mount	1	31	309020	SPRING WASHER	1
3	330145	COTTER PIN, Shift lever	1	32	328702	WASHER, Link	3
4	326642	LEVER, Shift rod	1	33	302290	WASHER, Pin, lever	1
5	327590	PIN, Shift rod lever	1	34	313700	SOCKET, Linkage	2
6	318197	PIN, Yoke	1	35	313703	BALL, Socket linkage	2
7	310525	PIN, Throttle cam to yoke	1	36	330116	ROD, Spark advance	1
8	320813	WASHER, Spark advance lever	1	37	983562	SHIFT LEVER	1
9	911381	ROD, Throttle link	1	38	312708	BUSHING, Shift lever	2
10	312708	BUSHING, Throttle lever	2	39	328740	NUT, Rod, lever to cam	1
11	306561	WASHER, Shift & throttle lever	2	40	911160	YOKE, Shift arm	1
12	328064	NUT, Casing guide to throttle arm & shift lever	2	41	320302	BUSHING, Shift lever	1
13	319590	SCREW, Throttle lever retainer	1	42	911305	BUSHING	1
14	318660	CAP	1	43	911379	SHAFT, Shift brkt to support	1
15	306387	COTTER PIN, Shift lever	1	44	911382	SUPPORT	1
16	314125	BUSHING LINK	1	45	308688	WASHER, Rod	1
17	328728	SCREW, Lever shift rod	1	46	328695	SCREW, Support	2
18	308993	SPRING, Idle adjust	1	47	320535	WAVE WASHER	2
19	328710	NUT, Idle adjust	1	48	328702	WASHER, Clevis pin	1
20	328699	SCREW, Idle adjust	1	49	328702	WASHER, Rod	2
21	320836	LEVER, Spark advance	1	50	330145	COTTER PIN, Shaft brkt to support	2
22	202026	WASHER, Shift lever	4	51	320302	BUSHING	1
23	305650	COTTER PIN	6	52	328712	NUT, Screw, throttle stop	1
24	310524	YOKE, Throttle cam	1	53	328734	SPRING WASHER	1
25	389821	LEVER, Throttle	1	54	328693	SCREW, Throttle stop	1
26	320811	BUSHING	1	55	303398	SCREW, Mount	1
27	320812	BUSHING, Spark lever	1	56	328700	WASHER, Mount, large	2
28	320744	WASHER, Throttle lever	1	57	911123	GROMMET	1
29	321270	SPRING, Throttle lever	1				

CYLINDER & CRANKCASE



CYLINDER & CRANKCASE

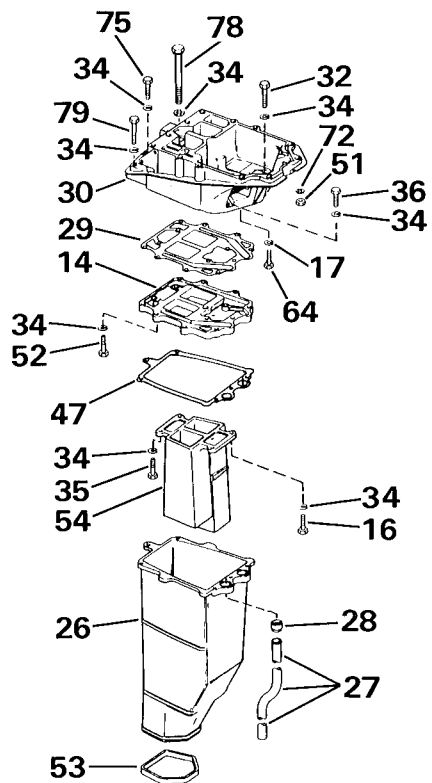
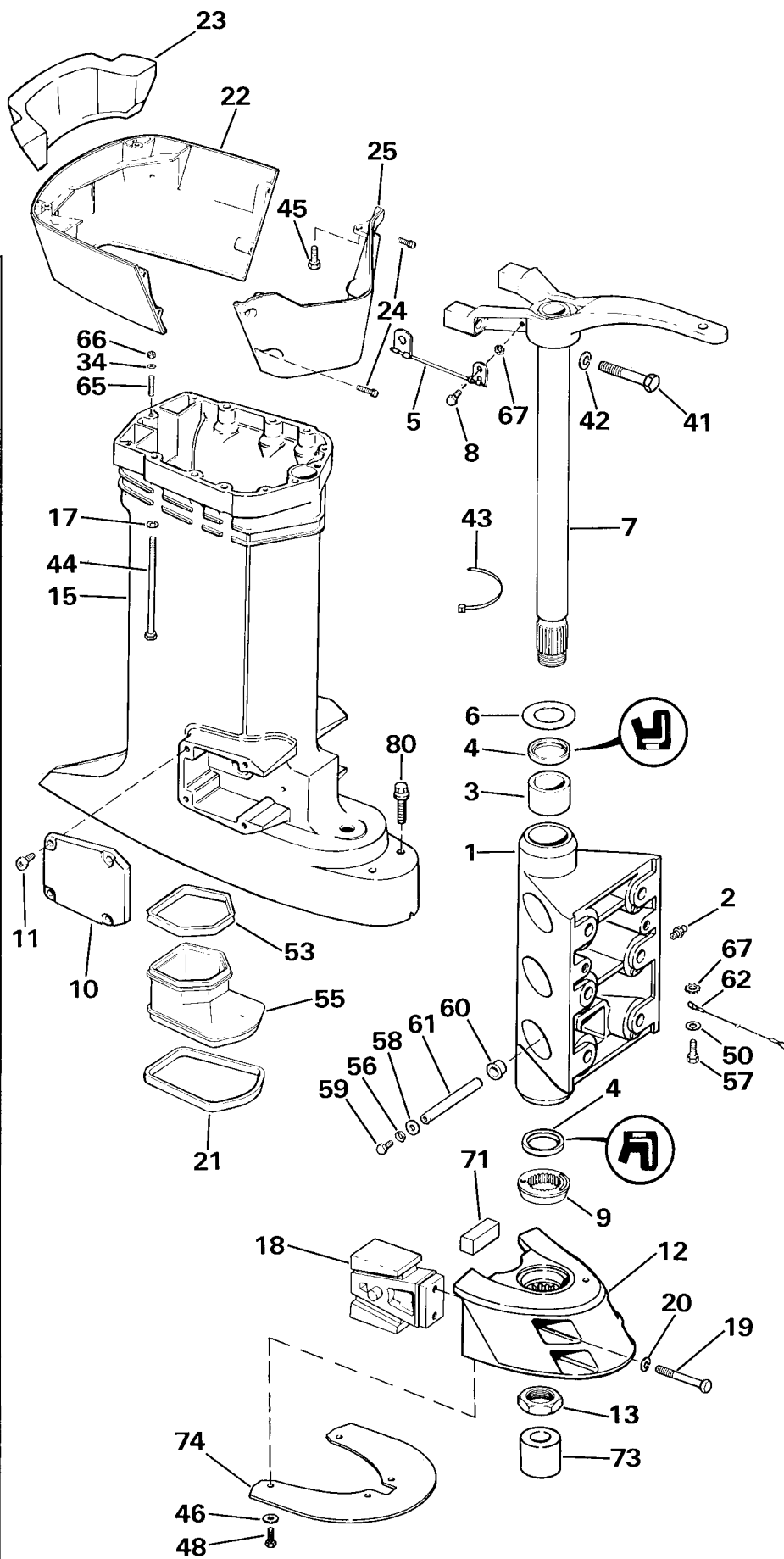
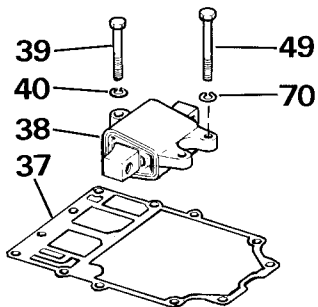
BS9

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	395024	CYLINDER C'CASE ASSY ②	1	39	320107	TIE STRAP, Plug	1
1	395017	CYLINDER C'CASE ASSY ①	1	40	323218	SCREW, Exh manf to cyl , 5" long	6
2	304178	PIN, Dowel bearing	2	40	909533	SCREW, Exh manf to cyl , 1" long	2
3	314616	STUD	4	40	319126	SCREW, Exh manf to cyl , 1-3/8", long	4
4	305070	PIN, Taper	2	40	323626	SCREW, Exh manf to cyl , 1-7/8" long	4
5	316988	SCREW	8	40	317972	SCREW, Exh manf to cyl , 4-1/4" long	6
6	322411	DEFLECTOR, Water passage	1	40	324424	SCREW, Exh manf to cyl , 2-5/8", long	4
7	327323	INSERT	6	40	302030	SCREW, Exh manf to cyl , 1-1/4" long ①	28
8	392001	EXHAUST FILLER BLOCK REPLACEMENT KIT ②	1	41	310058	GROMMET, Thermostat	2
9	324565	SCREW, Filler block	6	42	321222	CUP, Valve seat	2
10	309577	LOCK PLATE, Filler block	2	43	330143	BOLT, Double end, bypass cover	1
11	310440	CLAMP, Tilt & trim cable to exh hsg	1	44	911118	HOSE, Elbow to tee	1
12	307133	GASKET, Bypass cover	6	45	320880	SEAT, Valve	2
13	328005	COVER, Bypass, upper	2	46	321027	VALVE, Pressure release	2
14	328004	COVER, Bypass, middle & lower	4	47	317245	SPRING, Pressure release valve	2
15	303806	TUBING	2	48	306418	SCREW, Support bracket to bypass cover	4
16	326308	EXHAUST COVER, Inner ①	1	49	321221	SEAL, Pressure release valve	2
16	329379	EXHAUST COVER, Inner ②	1	50	306778	SCREW	20
17	328701	LOCKWASHER, Ground strap	2	51	321220	RETAINER, Spring valve	2
18	376349	STRAP, Ground	1	52	321013	COVER, Thermostat	2
19	306049	SCREW, Bypass cover	31	53	321184	GASKET, Thermostat cover	2
20	329494	COVER, Exhaust outer ①	1	54	313581	BUMPER, Support brace	2
20	329495	COVER, Exhaust outer ②	1	55	319218	SUPPORT BRACE, Starboard	1
21	325647	GASKET, Cylinder head ②	2	56	319217	SUPPORT BRACE, Port	1
21	320745	GASKET, Cylinder head ①	2	57	321886	ELBOW, Indicator	1
22	328327	CYLINDER HEAD, Stbd ②	1	58	328740	NUT, Double end bolt, bypass cover	1
22	328325	CYLINDER HEAD, Stbd ①	1	59	303480	LOCKWASHER, Bolt double end	1
23	321028	GASKET, Cover	2	60	306643	SCREW, Seal to valve	2
24	320840	COVER, Cylinder head	2	61	323217	GASKET, Cover to manifold ②	1
25	306409	SCREW, Cylinder head cover	40	62	911119	HOSE, Tee to lower cover	1
26	307267	SCREW, Cylinder head	28	63	911120	HOSE, Tee to grommet	1
27	384771	SPARK PLUG, Champion UL-77V	6	64	911103	TEE	1
28	386686	TEMPERATURE SWITCH	2	65	311339	CLAMP, Cover	1
29	328326	CYLINDER HEAD, Port ②	1	66	318322	CLAMP, Strap	3
29	328324	CYLINDER HEAD, Port ①	1	67	311415	SCREW, Shift stud opening	1
30	322858	GASKET, Water, passage cover	1	68	319292	SCREW, Stator leads	1
31	330113	CLAMP, Stator leads	1	69	391988	POWERHEAD GASKET SET ①	1
32	310439	CLAMP	4	69	394885	POWERHEAD GASKET SET ②	1
33	321182	GASKET, Inner cover ①	2				
33	393561	GASKET, Inner cover ②	1				
34	323625	SEAL, Exhaust manifold ②	1				
35	329380	O-RING ②	1				
36	329381	O-RING ②	1				
37	378065	THERMOSTAT ASSY	2				
38	309174	PLUG	1				

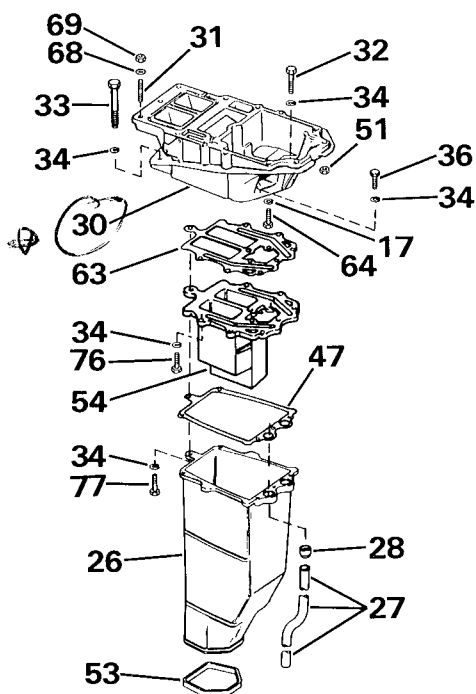
① 2 5 Models Only

② 2 6 Models Only

MID-SECTION



2.5 LITRE



2.6 LITRE

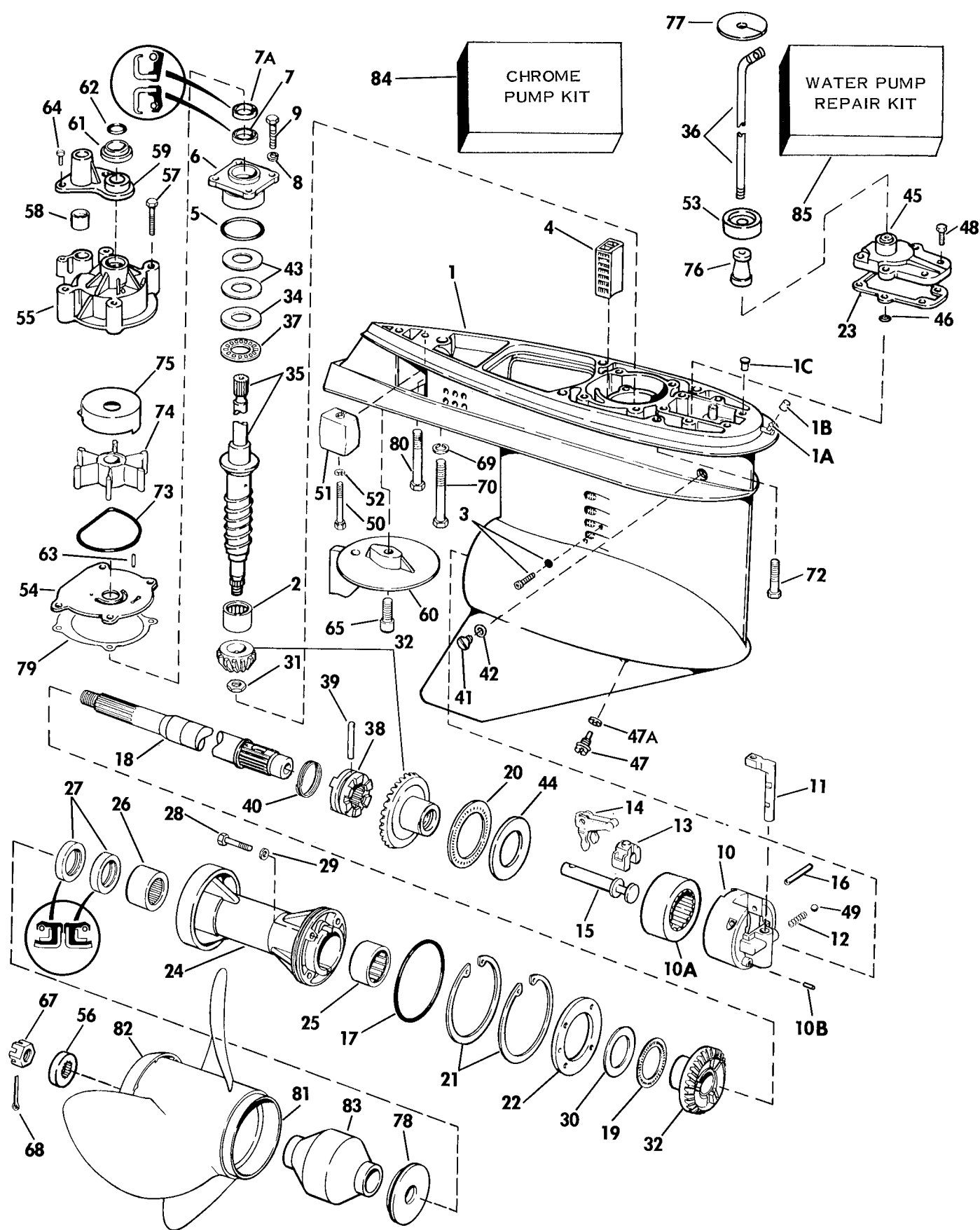
BS10

Ref No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	983662	SWIVEL BRACKET	1	42	313169	LOCKWASHER, Mount screw	2
2	313607	LUBRICATION FITTING	3	43	907833	TIE STRAP, Cable to steering arm	2
3	320962	BUSHING	1	44	328698	SCREW, Exhaust housing	6
4	320937	SEAL	2	45	328694	SCREW, Lower cover, front	2
5	392520	LEAD ASSY, Ground	1	46	911201	WASHER, Spray plate	4
6	320866	THRUST WASHER, Pivot shaft	1	47	323222	GASKET, Inner exh hsg to plate	1
7	983132	STEERING ARM ASSY	1	48	313023	SCREW, Spray plate	4
7	392519	STEERING ARM ASSY	1	49	911043	SCREW, Long	2
8	328696	SCREW, Ground wire to swivel bracket	1	50	318452	WASHER, Ground wire	2
9	327696	KEEPER, Pivot shaft	1	51	306422	NUT, Powerhead to adapter	4
10	327801	COVER, Mount bracket lower	2	52	306418	SCREW, Plate to adapter ①	4
11	322000	SCREW, Cover	8	53	320936	SEAL, Exhaust housing	2
12	911519	MOUNT BRACKET	1	54	328012	TUNING MEGAPHONE ②	1
13	320746	NUT, Mount bracket	1	54	327802	TUNING MEGAPHONE ①	1
14	327803	PLATE ①	1	55	323548	EXHAUST HOUSING, Inner lower	1
15	392171	EXHAUST HOUSING	1	56	307708	LOCKWASHER, Trim cylinder pin	2
16	319883	SCREW, Megaphone to adapter ①	2	57	308738	SCREW, Ground wire	2
17	306470	WASHER, Exhaust housing	8	58	908398	WASHER, Tilt cylinder pin	2
18	983142	RUBBER MOUNT, Lower	2	59	319590	SCREW, Tilt cylinder pin	2
19	328078	SCREW, Mount	4	60	322481	BUSHING, Trim cylinder	2
20	306314	LOCKWASHER, Mount	4	61	911366	PIN, Tilt cylinder	1
21	320961	SEAL, Gearcase to inner housing	1	62	981870	GROUND WIRE, Swivel bracket to transom bracket	1
22	983524	COVER, Exhaust housing, rear	1	63	323292	GASKET, Adapter to megaphone ②	1
23	911117	SEAL, Exhaust housing cover	1	64	302860	SCREW, Adapter to powerhead	2
24	911122	SCREW, Front to rear cover	4	65	314956	STUD ②	1
25	323800	COVER, Exhaust housing, front	1	66	306338	NUT ②	1
26	323548	EXHAUST HOUSING, Inner upper	1	67	303480	LOCKWASHER, Ground	4
27	321015	WATER TUBE	1	68	309192	WASHER, Manifold to adapter ②	3
28	305145	GROMMET, Water tube	1	69	306422	NUT, Manifold to adapter ②	3
29	324516	GASKET ①	1	70	307161	LOCKWASHER, Mount	1
30	392891	ADAPTER, Exh hsg ②	1	71	911225	FILLER PAD, Lower mount	1
30	327804	ADAPTER, Exh hsg ①	1	72	306470	LOCKWASHER, Nut, pwhd to adapter	4
31	301185	STUD, ②	3	73	911312	SEAL, Steering tube	1
32	303459	SCREW, Adapter to housing	3	74	911203	SPRAY PLATE	1
33	302030	SCREW, Adapter tp housing ②	2	75	306418	SCREW, Adapter to outer hsg ①	1
34	302290	LOCKWASHER	AR	76	306418	SCREW, Megaphone to adapter ②	6
35	306778	SCREW, Megaphone to adapt rear ①	2	77	306778	SCREW, Inner hsg to adapter ②	1
36	306409	SCREW, Adapter to housing, outer	2	78	315071	SCREW, Adapter to inner hsg ①	2
37	323214	GASKET, Adapter to powerhead	1	79	600014	SCREW, Adapter to outer hsg ①	2
38	387098	RUBBER MOUNT ASSY, Upper	1	80	909636	SCREW, Anode hole	2
39	911042	SCREW, Upper mount	1				
40	307708	LOCKWASHER, Mount screw	3				
41	328692	SCREW, Upper mount	2				

① 2 5 Models Only

② 2 6 Models Only

GEARCASE



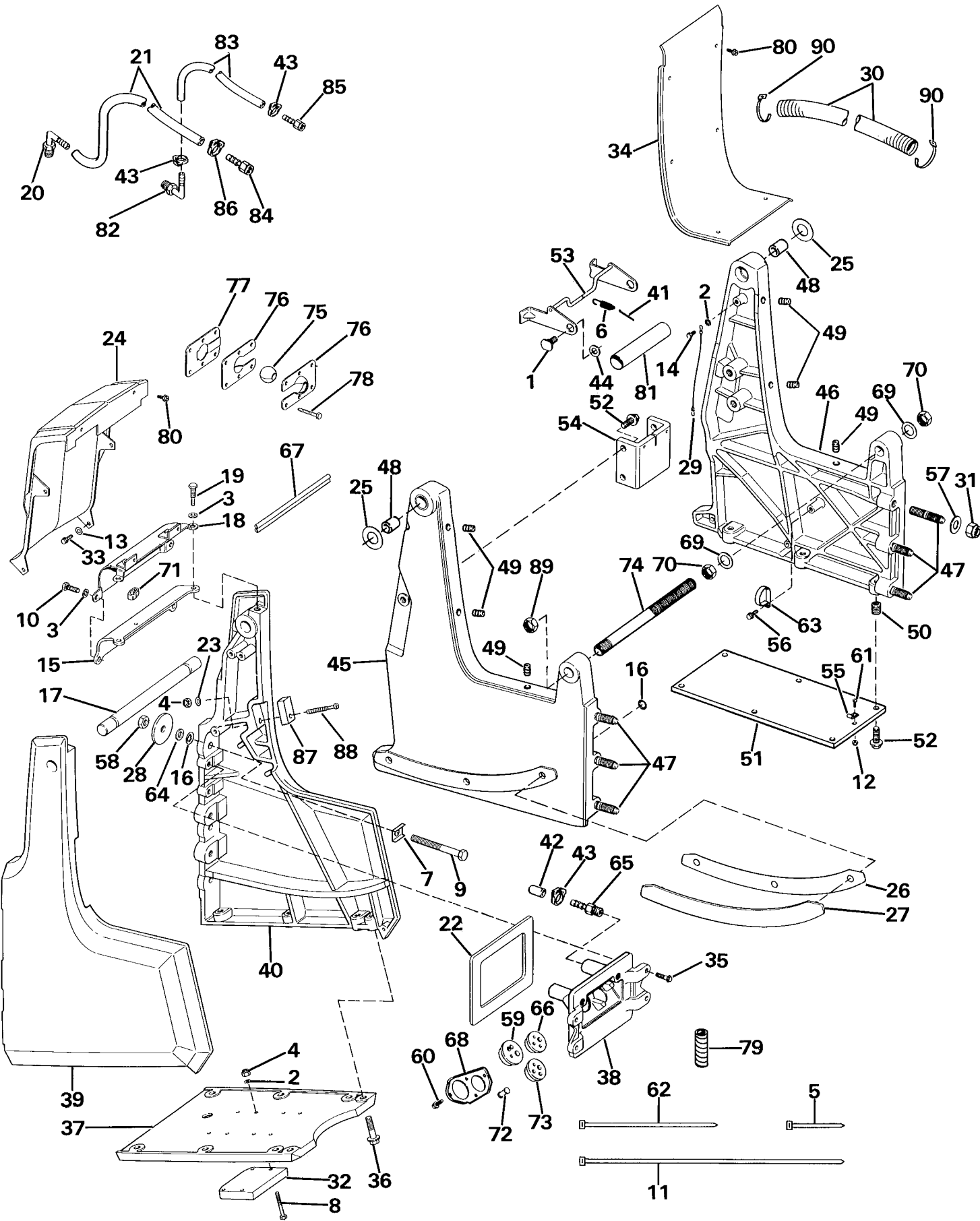
BS11

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
* 1	393460	GEARCASE ASSY , Complete	1	43	314742	SHIM, 002	AR
	393461	GEARCASE & BEARING ASSY	1	43	323362	SHIM, 003	AR
1A	326266	FITTING, Speedometer	1	43	323361	SHIM, 004	AR
1B	305749	PLUG, Fitting	1	43	314745	SHIM, 005	AR
1C	329638	PLUG, Hole	1	44	327439	THRUST WASHER, Forward gear	1
2	387817	BEARING, Pinion	1	45	388618	COVER & SEAL ASSY	1
3	324852	SET SCREW, Bearing	1	46	318372	O-RING, Shift rod	1
*	307853	O-RING	1	47	318544	SCREW, Drain & fill	1
4	321123	SCREEN, Water intake	1	47A	311598	WASHER, Nylon	1
5	314728	O-RING, Driveshaft bearing	1	48	318139	SCREW, Cover	6
6	394611	BEARING HOUSING & SEAL	1	49	160084	BALL, Detent	1
7	329923	SEAL, Driveshaft, lower	1	50	328096	SCREW, Anode	1
7A	329922	SEAL, Driveshaft, upper	1	51	393023	ANODE	1
8	301250	WASHER	4	52	303886	WASHER, Anode	1
9	316534	SCREW, Housing to gearcase	4	†53	321008	GROMMET, Exhaust housing to shift rod	1
10	389455	HOUSING & BEARING ASSY	1	†54	327782	PLATE, Impeller housing	1
10A	389039	BEARING	1	†55	393508	IMPELLER HOUSING, Gearcase	1
10B	202136	PIN, Housing	1	56	320570	SPACER, Propeller nut	1
11	323946	DETENT, Shifter	1	†57	323626	SCREW, Impeller housing	4
12	312870	SPRING, Detent	1	†58	314008	GROMMET, Water tube	1
13	322900	CRADLE, Shifter	1	†59	321159	COVER, Impeller housing	1
14	322938	SHIFTER	1	60	327810	TRIM TAB, Gearcase	1
15	322941	SHAFT	1	†61	320943	GROMMET, Impeller housing	1
16	328825	PIN, Shift lever	1	†62	310585	O-RING, Driveshaft to crankcase	1
17	321119	O-RING, Propeller shaft	1	†63	323950	KEY, Driveshaft to impeller	1
18	391472	PROPELLER SHAFT ASSY	1	†64	306643	SCREW, Cover to impeller	2
19	382408	THRUST BRG ASSY , Reverse gear	1	65	313715	SCREW, Trim tab	1
20	389042	THRUST BRG ASSY , Fwd gear	1	67	320569	NUT, Propeller	1
21	321171	RETAINING RING	2	68	309955	COTTER PIN, Propeller nut	1
22	321174	RETAINER PLATE, Brg hsg	1	69	330265	LOCKWASHER, Screw, long	1
23	324670	GASKET, Shift rod cover	1	70	330264	SCREW, Gearcase to housing,	1
24	393300	BEARING HSG SEAL ASSY	1	72	330139	SCREW, Gearcase to housing,	4
25	382407	NEEDLE BEARING ASSY	1	†73	321120	SEAL, Impeller housing plate	1
26	387247	NEEDLE BEARING ASSY	1	†74	394534	IMPELLER ASSY	1
27	320862	SEAL	2	†75	327781	LINER, Impeller	1
28	316563	SCREW	4	76	321122	SPACER, Shift rod	1
29	317178	O-RING	1	77	322302	SEAL, Shift rod	1
30	314731	THRUST WASHER, Reverse gear	1	78	321173	THRUST BUSHING	1
31	314730	NUT, Pinion to driveshaft	1	†79	324701	GASKET, Impeller housing plate	1
32	392166	GEARSET, (Inc fwd rev & pinion)	1	80	330263	SCREW, Gearcase, rear	1
33	327753	SHIM, Fwd gear (015)	1	81	391200	PROPELLER, 15 x 17	1
33	327754	SHIM, Fwd gear (017)	1	81	391201	PROPELLER, 14-1/2 x 19	1
33	327755	SHIM, Fwd gear (019)	1	81	391202	PROPELLER, 14-1/4 x 21	1
33	327756	SHIM, Fwd gear (021)	1	81	389925	PROPELLER, 15 x 16 SST	1
33	327757	SHIM, Fwd gear (023)	1	81	389924	PROPELLER, 14-1/2 x 19 SST	1
33	327758	SHIM, Fwd gear (025)	1	81	389923	PROPELLER, 14-1/4 x 21 SST	1
33	327759	SHIM, Fwd gear (027)	1	81	389019	PROPELLER, 14-1/4 x 23 SST	1
33	327760	SHIM, Fwd gear (029)	1	81	391290	PROPELLER, 15 x 17 SST II	1
34	327656	THRUST WASHER, Pinion	1	81	390831	PROPELLER, 15-1/2 x 14 SST	1
35	394616	DRIVESHAFT ASSY	1	81	391203	PROPELLER, 14-1/2 x 23	1
36	324408	SHIFT ROD	1	81	391535	PROPELLER, 15-1/2 x 15	1
37	387656	THRUST BEARING, Pinion	1	81	391536	PROPELLER, 15-1/2 x 13	1
38	910198	SHIFTER, Clutch dog	1	82	321295	CONVERGING RING, Std prop	1
39	313448	PIN, Clutch dog	1	83	387157	BUSHING ASSY , Prop , alum	1
40	324369	SPRING, Clutch dog pin	1	84	392749	CHROME PUMP KIT	1
41	307551	PLUG, Fill & drain	1	85	393082	WATER PUMP REPAIR KIT	1
42	311598	WASHER, Nylon	1	85	392750	WATER PUMP REPAIR KIT, Includes Impeller Housing	1

* Not Shown

† Contents of Water Pump Repair Kit

TRANSOM BRACKET ASSEMBLY -
MECHANICAL STEERING



TRANSOM BRACKET ASSEMBLY - MECHANICAL STEERING

BS12

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	910949	SCREW, Trail lock	2	48	910941	BUSHING, Engine brkt	2
2	303480	LOCKWASHER, Ground wire and anode	3	49	910934	INSERT, 1/4-20, locking	AR
3	308688	WASHER, Guide plate	4	50	910939	INSERT, 1/2-13, locking	6
4	313022	NUT	7	51	911356	PLATE, Engine bracket lower	1
5	320107	TIE STRAP	6	52	911170	SCREW, Plate to engine bracket	10
6	911360	SPRING, Trail lock	1	53	983547	TRAIL LOCK LEVER AND ROD	1
7	911505	RETAINER, Mounting bolts	6	54	911355	SUPPORT BRACKET	1
8	324430	SCREW, Anode to plate	4	55	911249	CLAMP, Speedometer hoseng	1
9	326614	SCREW, Transom bracket	6	56	911495	CLAMP, Cables to engine bracket	1
10	328095	SCREW, Guide plate	2	57	910924	WASHER, Swivel housing to bracket	6
11	910817	TIE STRAP 21", Long	1	58	313650	LOCKING NUT, Transom bracket	6
12	121470	NUT, Clamp to engine bracket	1	59	911489	GROMMET, Shift and throttle cable, brown	1
13	901893	WASHER, Transom bracket cover	4	60	329217	SCREW, Grommet retainer	4
14	329217	SCREW, Ground straps	2	61	328730	SCREW, Clamp to engine bracket plate	1
15	910938	PLATE, Transom bracket, upper	1	62	907833	TIE STRAP, 11" long	AR
16	910953	RETAINING RING, Thrust plate	12	63	329217	SCREW, Clamp to engine bracket	2
17	911347	SHAFT, Tilt pivot	1	64	910699	WASHER, Sealing	6
18	983555	GUIDE PLATE	1	65	123199	FITTING, Control bracket	1
19	911346	SCREW, Guide plate	2	66	911488	GROMMET, Shift and throttle cables, black	1
20	910957	FITTING, Fuel line to bracket	1	67	910963	COVER, Shift and throttle cables	1
21	911433	HOSE, Fuel line	1	68	911425	PLATE, Grommet retainer	1
22	910988	GASKET, Control bracket to transom	1	69	911182	WASHER	2
23	300721	WASHER, Spacer	1	70	911183	NUT	2
24	911351	COVER, Transom bracket assy	1	71	911027	GUIDE, Shift and throttle cables	1
25	910992	THRUST WASHER	2	72	911082	PLUG, Grommet	3
26	911337	SHIM, Thrust plate	AR	73	911148	GROMMET, Battery and engine cable	1
27	911361	THRUST PLATE	2	74	911175	TUBE, Steering	1
28	911235	WASHER, Transom mount	6	75	911177	SEAL, Steering cable	1
29	981870	GROUND WIRE ASSY	1	76	911178	PLATE, Steering cable	2
30	911324	JACKET, Steering cable	1	77	911180	SEAL, Steering cable plate	1
31	910925	LOCKNUT, Swivel housing to bracket	6	78	910987	SCREW, Plate mounting	6
32	983191	ANODE ASSY	1	79	911412	SLEEVE, Fuel line	4
33	329217	SCREW, Cover, transom bracket	4	80	911429	SCREW, Cover	8
34	911373	COVER, Engine bracket	1	81	910942	SLEEVE, Pivot shaft	3
35	123018	SCREW, Control bracket to transom bracket	4	82	911426	ELBOW, Control bracket	1
36	911171	SCREW, Plate to transom bracket	8	83	911428	HOSE, Oil line	1
37	911332	PLATE, Transom bracket, lower	1	84	911502	CONNECTOR, Fuel hose	1
38	983594	CONTROL BRACKET, Transom	1	85	911503	CONNECTOR, Oil hose	1
39	983553	TRANSOM BRACKET ASSY, Port	1	86	911616	HOSE CLAMP	1
40	983554	TRANSOM BRACKET ASSY, Stbd	1	87	983531	SPACER & PIN	2
41	305296	INSERT, 1/4-20, locking	1	88	306337	SCREW, Spacer & pin	2
42	309174	CAP, Fitting	1	89	983678	WIPER NUT ASSY	1
43	322652	TIE STRAP	3	90	317893	TIE STRAP, Steering cable jacket	2
44	320248	WASHER, Trail lock screwg	2				
45	983560	ENGINE BRACKET ASSY, Port	1				
46	983561	ENGINE BRACKET ASSY, Stbd	1				
47	911348	STUD, Swivel housing to engine bracket	3				

This diagram is an exploded view of a mechanical assembly, likely a hydraulic excavator's boom and dipperstick. The parts are numbered 1 through 101. Key components include:

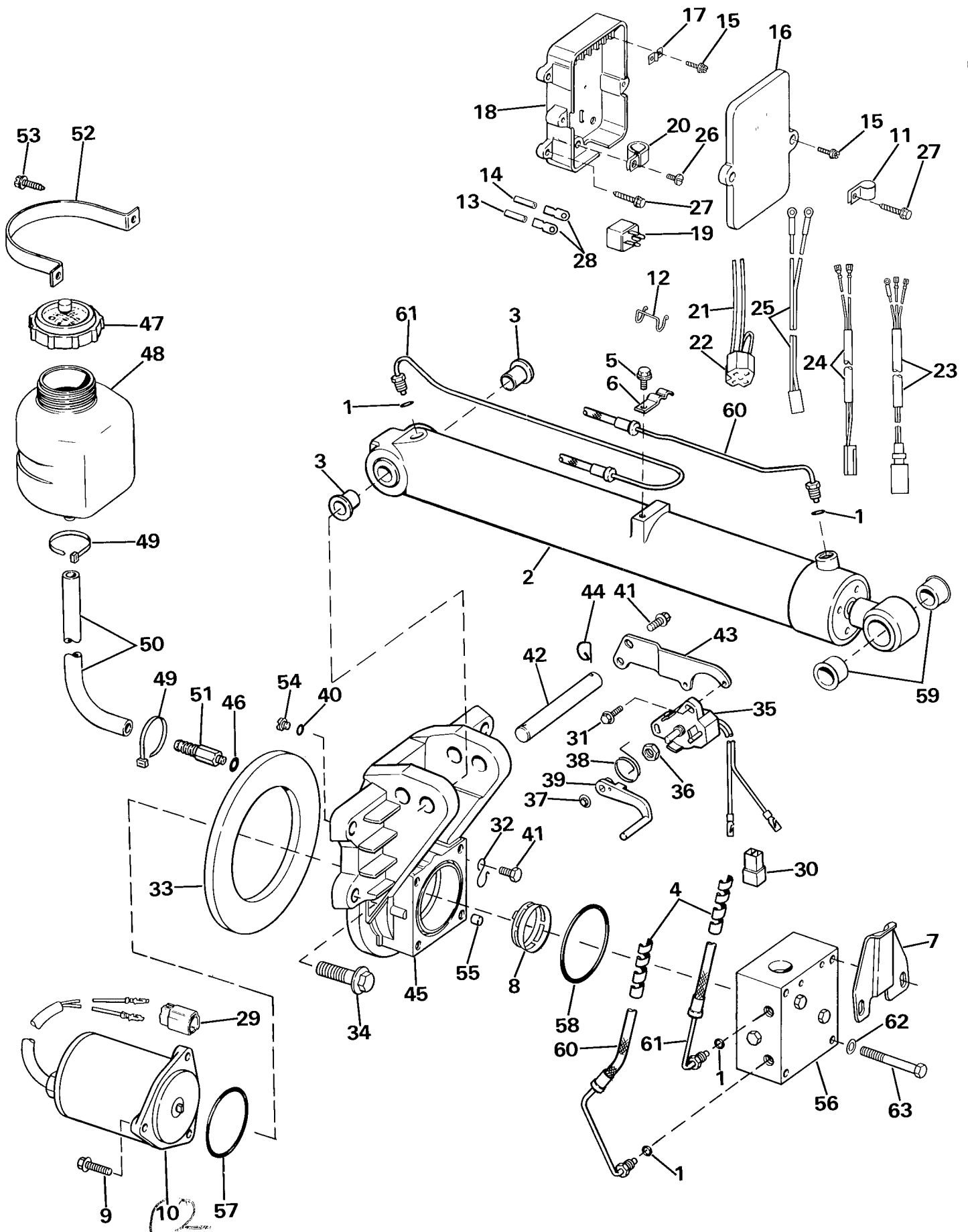
- Hydraulic Cylinder (1):** The main actuator for the boom.
- Boom (24):** The upper structural member.
- Dipperstick (56):** The lower structural member that holds the bucket.
- Bucket (43):** The digging tool at the end of the dipperstick.
- Hydraulic Lines (20, 21, 48):** Connect the cylinder to the main system.
- Control Valve (55):** A solenoid valve for the hydraulic circuit.
- Rollers (19, 23, 25, 31):** Guide the dipperstick's movement.
- Pin and Bush Assemblies (e.g., 10, 11, 12, 13, 14, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101):** Numerous small components like pins, bushings, and washers that hold the assembly together.
- O-RING KIT (92):** A box containing seals for the hydraulic cylinder and other joints.

The diagram uses dashed lines to show the assembly sequence and alignment of the various components.

TRANSOM BRACKET ASSEMBLY - HYDRAULIC STEERING

XD0280

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	910928	LOCKNUT, Steering arm to steering cylinder	1	52	911356	PLATE, Engine bracket, lower	1
2	303480	LOCKWASHER, Ground wire and anode	3	53	911170	SCREW, Plate to engine bracket	10
3	308688	WASHER, Guide plate	4	54	983547	TRAIL LOCK LEVER AND ROD	1
4	313022	NUT	7	55	911355	SUPPORT BRACKET	1
5	320107	TIE STRAP	10	56	983550	ENGINE BRACKET ASSY, Port	1
6	910927	WASHER, Steering arm to steering cylinder	1	57	983551	ENGINE BRACKET ASSY, Stbd	1
7	911505	RETAINER, Mounting bolts	6	58	911348	STUD, Swivel housing to engine bracket	6
8	324430	SCREW, Anode to plate	4	59	910941	BUSHING, Engine brkt	2
9	326614	SCREW, Transom bracket	6	60	910939	INSERT, 1/2-13, locking	6
10	328095	SCREW, Guide plate	2	61	910934	INSERT, 1/4-20, locking	AR
11	911616	CLAMP, Hose	2	62	983778	OIL LINE ASSEMBLY	2
12	121470	LOCKNUT, Screw, clamp to engine bracket plate	1	63	910926	BOLT, Steering arm to steering cylinder	1
13	907833	TIE STRAP, 11" long	AR	64	910925	LOCKNUT, Swivel housing to bracket	6
14	329217	SCREW, Ground straps	2	65	303887	WASHER, Steering cylinder to engine bracket	1
15	910938	PLATE, Transom bracket, upper	1	66	313022	NUT, Steering cylinder to engine bracket	1
16	910953	RETAINING RING	12	67	313650	NUT, Transom bracket assy	6
17	911347	SHAFT, Tilt pivot	1	68	910817	TIE STRAP, 21" long	1
18	983555	GUIDE PLATE	1	69	329217	SCREW, Grommet retainer	4
19	911346	SCREW, Guide plate	2	70	328730	SCREW, Clamp to engine bracket plate	1
20	910957	FITTING, Fuel line to bracket	1	71	911249	CLAMP, Speedometer hose	1
21	911433	HOSE, Fuel line	1	72	329217	SCREW, Clamp to engine bracket	2
22	910988	GASKET, Control bracket to transom	1	73	910699	WASHER, Sealing	6
23	983531	SPACER & PIN	2	74	123199	FITTING, Control bracket	6
24	911351	COVER, Transom bracket assy	1	75	911488	GROMMET, Shift and throttle cables, black	1
25	910992	THRUST WASHER	2	76	910951	PIN, Steering cylinder	1
26	911337	SHIM, Thrust plate	AR	77	910963	COVER, Shift and throttle cables	1
27	911361	THRUST PLATE	2	78	911425	PLATE, Grommet retainer	1
28	911235	WASHER, Transom mount	6	79	911495	CLAMP, Cables to engine bracket	2
29	981870	GROUND WIRE ASSY	1	80	910924	WASHER, Swivel housing to bracket	6
30	328743	WASHER, Cover to transom bracket	4	81	911027	GUIDE, Shift and throttle cable	1
31	552906	COTTER PIN, Nut	1	82	911082	PLUG, Grommet	3
32	983191	ANODE ASSY	1	83	911092	SCREW, Pin, steering cylinder	1
33	910958	FITTING, Steering, control bracket	2	84	911148	GROMMET, Battery & engine cable	1
34	910959	FITTING, Steering line to bracket	2	85	911489	GROMMET, Shift and throttle cable, brown	1
35	911368	COVER, Engine bracket, port	1	86	911429	SCREW, Cover transom and engine	8
36	911369	COVER, Engine bracket, stbd	1	87	911412	SLEEVE, Fuel line	4
37	911030	O-RING, Steering fitting	2	88	983541	STEERING CYLINDER	1
38	329217	SCREW, Cover, transom bracket	4	89	983172	FILTER	2
39	123018	SCREW, Control bracket to transom bracket	4	90	910855	BUSHING	2
40	983597	CONTROL BRACKET	1	91	910959	FITTING	2
41	911171	SCREW, Plate to transom bracket	8	92	983643	O-RING KIT, Stg cylinder	1
42	911332	PLATE, Transom bracket, lower	1	93	983647	BLEED SCREW ASSY	2
43	983553	TRANSOM BRACKET ASSY, port	1	94	911452	O-RING, Bleed screw	2
44	983554	TRANSOM BRACKET ASSY, Stbd	1	95	911199	SPACER, Fitting	2
45	305296	COTTER PIN, Trail lock spring	1	96	300721	WASHER, Spacer	2
46	322652	CLAMP, Hose	3	97	306337	SCREW, Spacer	2
47	320248	WASHER, Screw, trail lock	2	98	309174	CAP, Fitting	1
48	911428	HOSE, Oil line	1	99	911426	ELBOW, Control bracket	1
49	910942	SLEEVE, Pivot shaft	1	100	911502	CONNECTOR, Fuel hose	1
50	910949	SCREW, Trail lock	2	101	911503	CONNECTOR, Oil hose	1
51	911360	SPRING, Trail lock	1				



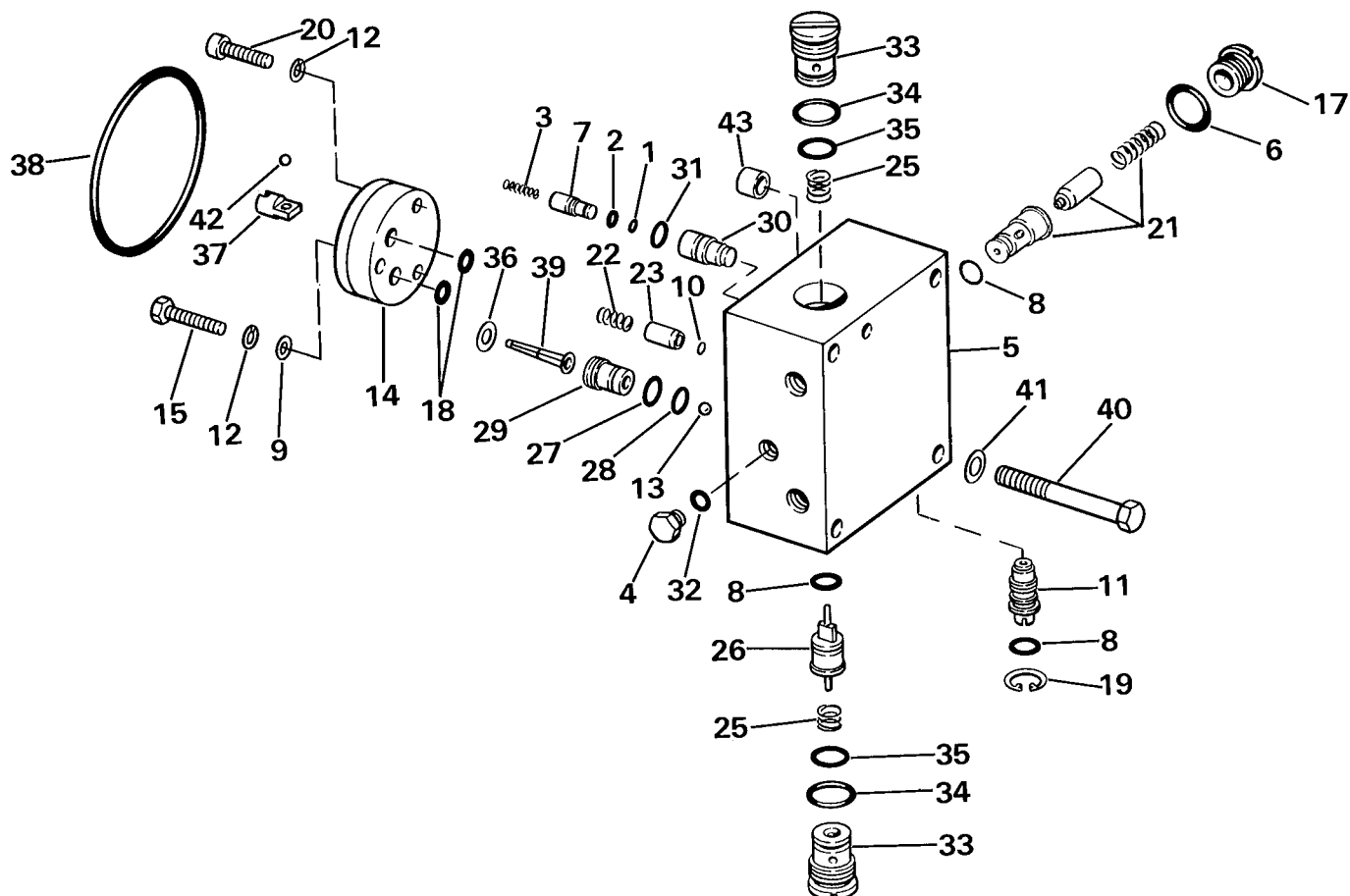
BS14

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
1	321117	O-RING, Oil	4	31	910974	SCREW, Sending unit mtg	2
2	983544	CYLINDER ASSY ■	1	32	910975	CLAMP, Leads	1
3	910855	BUSHING	2	33	910985	GASKET, Tnt cylinder anchor	1
*	983740	O-RING KIT, Tilt cylinder ■	1	34	911171	SCREW	4
4	911581	SLEEVE, Oil line hose ■	2	35	983116	SENDING UNIT ASSY	1
5	908158	SCREW ■	1	36	320689	NUT, Rotary switch	1
6	911367	CLAMP ■	1	37	511527	RETAINER	1
7	911508	SUPPORT ■	1	38	910790	SPRING	1
8	321350	FILTER, Oil pump	1	39	910973	ARM, Sending unit	1
9	909386	SCREW	3	40	911311	O-RING	1
10	983446	MOTOR ASSY	1	41	329217	SCREW, Mounting bracket	2
*	984058	END CAP & BRUSH ASSY	1	42	911364	PIN, Cylinder ■	1
*	983674	JUNCTION BOX ASSY ■	1	43	911365	BRACKET, Sending unit ■	1
11	317000	CLAMP	2	44	911247	PIN	2
12	322548	RETAINER	1	45	983545	ANCHOR BRACKET ■	1
13	910775	SLEEVE, Red	1	46	911522	O-RING ■	1
14	512037	SLEEVE, Black ■	1	47	173851	CAP, Oil tank assy	1
15	329289	SCREW, Cover & terminal ■	8	48	910961	RESERVOIR	1
16	983174	COVER ASSY	1	49	320107	TIE STRAP	4
17	315004	TERMINAL BLOCK JUMPER	3	50	322223	HOSE, Reservoir	1
18	512639	BASE, Junction box ■	1	51	911520	FITTING, Reservoir ■	1
19	582473	RELAY ASSY	2	52	910986	STRAP, Reservoir mtg	1
20	512066	CLAMP	1	53	910987	SCREW, Reservoir mtg	2
21	582186	CONNECTOR & LEAD	2	54	911252	PLUG ■	1
22	511866	CONNECTOR	1	55	910965	DOWEL, Valve body	2
23	983173	CABLE ASSY	1	56	983803	VALVE BODY ASSY ① ■	1
24	983028	CABLE ASSY	1	57	321163	O-RING, Motor	1
25	983027	CABLE ASSY, Sending unit	1	58	910966	O-RING, Valve body	1
26	321209	SCREW, Clamp	1	59	322481	BUSHING	2
27	310981	SCREW, Mounting	6	60	983542	OIL LINE ASSY, Rod end ■	1
28	204038	RING TERMINAL, Battery	2	61	983543	OIL LINE ASSY, Piston end ■	1
29	325698	CONNECTOR, Motor	1	62	306439	WASHER, Mounting screw	4
30	511847	CONNECTOR, Sending unit	1	63	911078	SCREW, Valve body	4

* Not Shown

① See Page 26 For Detail Of Service Parts

VALVE BODY ASSY.



843111

BS15

Ref. No.	P/N	Name of Part	Qty.	Ref. No.	P/N	Name of Part	Qty.
*	983755	VALVE BODY ASSY	1	22	321282	SPRING	1
1	324678	O-RING	1	23	122759	VALVE, Pump relief	1
2	324677	O-RING	1	25	323846	SPRING, Pump control piston	2
3	325863	SPRING	1	26	323848	PISTON, Pump control	1
4	911252	PLUG, Valve body	1	27	202893	O-RING	1
5	911320	VALVE BODY	1	28	303191	O-RING	1
6	326649	O-RING	1	29	911603	VALVE SEAT	1
7	325862	VALVE CORE	1	30	391155	SEAT, Valve core, relief valve	1
8	202893	O-RING, Valve seat & piston	3	31	326425	O-RING, Valve seat	1
9	300154	WASHER, Pump to manifold	1	32	911311	O-RING, Housing	1
10	122757	SEAL, Valve	1	33	387376	VALVE SEAT, Housing & seal assy	2
11	387990	VALVE ASSY, Manual release	1	34	326649	O-RING	1
12	306311	LOCKWASHER, Screw, pump	3	35	304174	O-RING	1
13	800128	BALL	1	36	911307	WASHER, Filter	1
14	389836	OIL PUMP ASSY	1	37	322174	COUPLING, Oil pump to motor	1
15	321219	SCREW, Pump to manifold	1	38	910966	O-RING, Valve body	1
17	910866	HOUSING, Valve seat, manifold	1	39	321165	FILTER	1
18	321357	O-RING, Pump, small	2	40	911078	SCREW, Valve body	4
19	321362	RETAINING RING, Manual release	1	41	306439	WASHER, Mounting screw	4
20	321942	SCREW, Oil pump to manifold	2	42	322175	BALL, Coupling	1
21	983767	RELIEF VALVE ASSY	1	43	910965	DOWEL, Valve body	2

* Not Shown

United States of America

Outboard Marine Corporation
100 Sea Horse Drive
Waukegan, Illinois 60085 U.S.A
312/689-5630

Canada

Outboard Marine Corporation of Canada, Ltd.
910 Monaghan Road
Peterborough, Ontario, Canada
K9J7B6 (postal code)
705/876-2699

Caribbean, Mexico, Central America, South America

Outboard Marine International, Inc.
75 N.E. 179th Street
Miami, Florida 33162 U.S.A.
305/652-2311

Europe, Middle East, Africa

Outboard Marine Belgium, N.V.
Pathoekeweg 120
8000 Brugge, Belgium
050/31.51.87

Australia, New Zealand, Southwest Pacific

Outboard Marine Australia Pty. Ltd.
84 Canterbury Road
Bankstown, New South Wales
Australia, Sydney 70-0701

Bangladesh, Brunei, Burma, Guam, Hong Kong, India, Indonesia, Japan, Korea, Macau, Malaysia, Maldives, Micronesia, Pakistan, People's Republic of China, Philippines, Singapore, Sri Lanka, Taiwan, Thailand

Outboard Marine Asia, Ltd.
T.Y.T.L. 54
Tsing Yi Island, New Territories
Hong Kong



A PRODUCT GROUP OF OUTBOARD MARINE CORPORATION

3145 CENTRAL AVENUE ■ WAUKEGAN, ILLINOIS ■ 60085