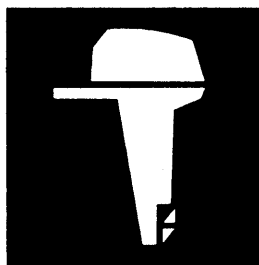


YAMAHA

parts catalogue '88
for 3 cylinder



outboard
motor



CONTENTS

25J/30D	5
40H	59
50D	117
60F/70B	177
80A/90A	227
ALTERNATE PARTS	275
NUMERICAL INDEX	315

25J/30D

40H

50D

60F/70B

80A/90A

A.P.

FOREWORD

This Parts Catalogue is related to the parts in use for the Yamaha outboard motor 3 Cylinder '88 model. When you are ordering replacement parts for the 3 Cylinder '88 model, refer to this Parts Catalogue and quote both part numbers and part names correctly.

1. Modifications or additions which have been made after issue of the Parts Catalogue will be announced in the Yamaha Parts News.

It is advisable that according to the Yamaha Parts News you make necessary corrections to the Parts Catalogue on hand to keep it up-to-date.

2. Abbreviations

The following abbreviations are used in this Parts Catalogue.

UR	Use size (thickness) and/or number as required.
UN	Use as many as you need.
AP	Alternate Parts
STD	Standard
O/S	Over Size

3. Parts, which are to be supplied in the form of assemblies, are listed with an indention of one letter's space, and a dot (.) is put against the name of each part.

EXAMPLE

CARBURETOR ASS'Y

. JET, pilot

. NOZZLE, main

4. Indication of No. of constituent parts for assembly.

The numeral appearing to the right of each constituent part under the description indicates the quantity of such parts for each individual assembly unit.

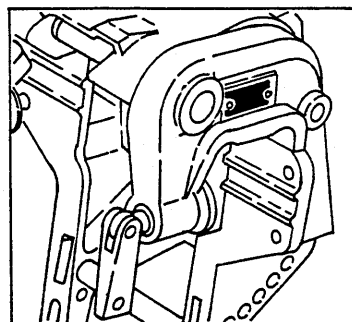
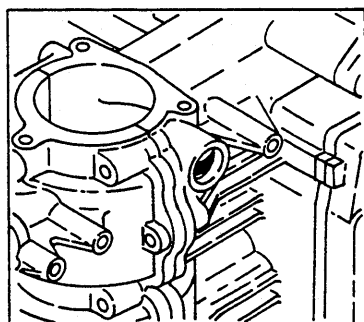
EXAMPLE

Part No.	Description	Q'ty	Remarks
6E0-85500-70	C.D.I. MAGNETO ASS'Y	1	
6E0-85550-70	. ROTOR ASS'Y	1	
6E0-15723-00-94	. . PULLEY, starter	1	

FOREWORD

5. Initial Serial No. and Color Code

Engine Serial No.			Engine Serial No.		
25JMO	S:000901	and following	50DETO	S:200210	and following
	L:300351	and following		L:503500	and following
25JEO	S:100351	and following	50DRO	S:250201	and following
	L:400501	and following		L:550230	and following
30DMO	S:102158	and following	60FEO	S:100270	and following
	L:401584	and following		L:401393	and following
30DEO	S:151709	and following	60FETO	S:150193	and following
	L:453383	and following		L:453595	and following
30DRO	S:250457	and following	70BEO	S:100116	and following
	L:550177	and following		L:400473	and following
40HMO	S:181331	and following	70BETO	S:150140	and following
	L:480994	and following		L:463822	and following
40HEO	S:102294	and following	80AEO	L:400393	and following
	L:413218	and following		UL:800119	and following
40HRO	S:280411	and following	80AETO	L:452157	and following
	L:590282	and following		UL:850225	and following
40HEPO	S:250301	and following			
	L:555480	and following			
50DEO	S:080717	and following	90AEO	L:400282	and following
	L:383021	and following		UL:800104	and following
			90AETO	L:465145	and following
				UL:850514	and following



Color Code	Color Name	Abbreviate
EJ	METALLIC MARINE BLUE	MMB



25J/30D

25J (6K9) 30D (6J8)



CONTENTS

Fig. 1	CYLINDER. CRANKCASE	8
Fig. 2	CRANKSHAFT. PISTON	10
Fig. 3	INTAKE	12
Fig. 4	CARBURETOR	14
Fig. 5	OIL PUMP	16
Fig. 6	STARTER	18
Fig. 7	FUEL	20
Fig. 8	TOP COWLING	22
Fig. 9	BOTTOM COWLING	24
Fig. 10	BRACKET 1	26
Fig. 11	BRACKET 2	28
Fig. 12	STEERING	30
Fig. 13	CONTROL	32
Fig. 14	UPPER CASING	34
Fig. 15	LOWER CASING. DRIVE 1	36
Fig. 16	LOWER CASING. DRIVE 2	38
Fig. 17	MAGNETO	40
Fig. 18	ELECTRICAL 1	42
Fig. 19	ALTERNATE 1 (25JEO/30DEO MODEL)	44
Fig. 20	ALTERNATE 2 (25JEO/30DEO MODEL)	46
Fig. 21	ALTERNATE 3 (25JEO/30DEO MODEL)	48
Fig. 22	ALTERNATE 4 (25JEO/30DEO MODEL)	50
Fig. 23	REMO-CON ATTACHMENT	52
Fig. 24	REPAIR KIT 1	54
Fig. 25	REPAIR KIT 2	56

Fig. 1 CYLINDER. CRANKCASE

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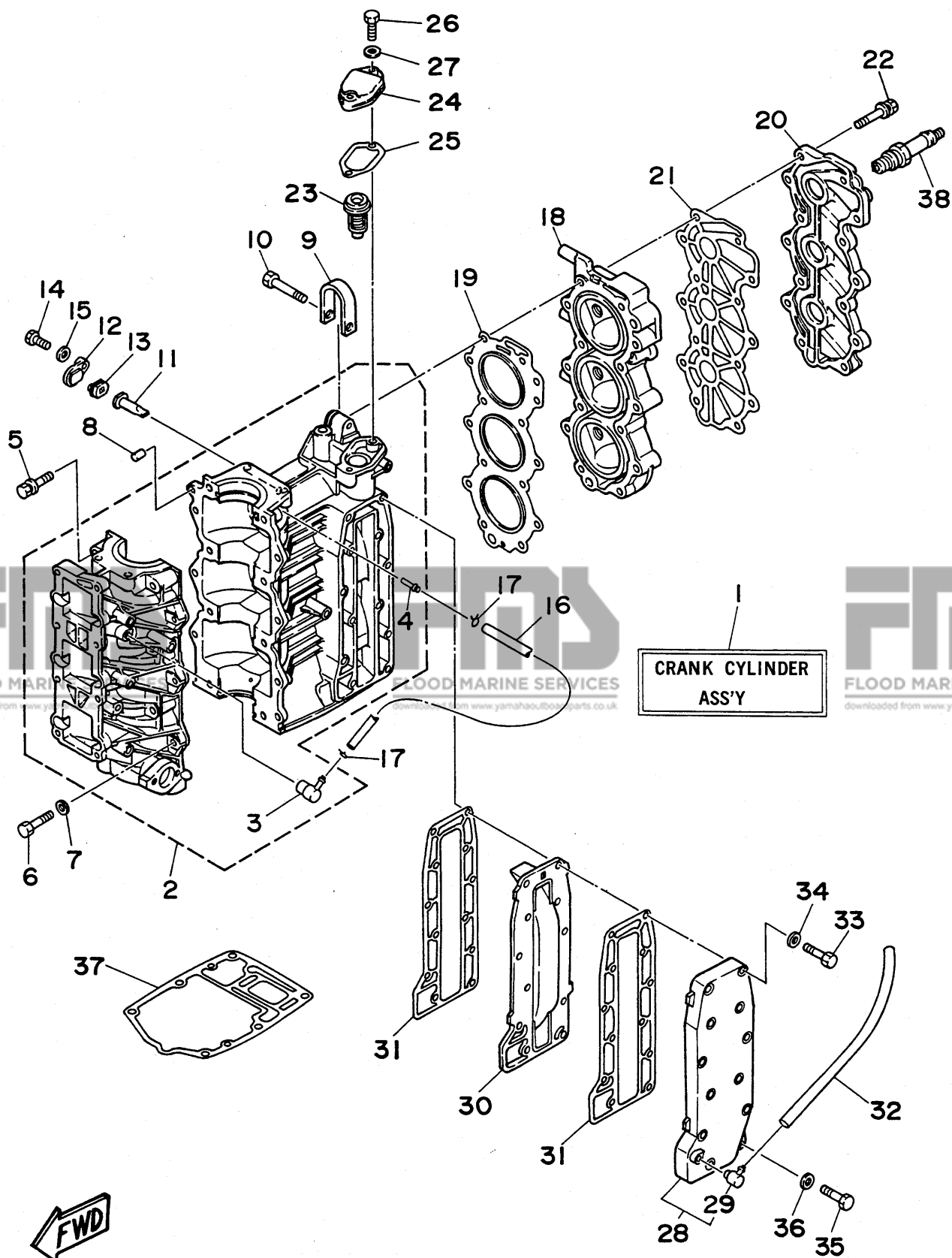
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Fig. 1 CYLINDER. CRANKCASE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-W0090-12-EJ	CRANK CYLINDER ASSY (Ref.No. 2 to 37 and Fig.2, Ref.No. 1 to 19)	1	20	6J8-11191-00-9M	COVER, cylinder head 1	1
2	6J8-15100-10-94	CRANKCASE ASSY	1	21	6J8-11193-00	GASKET, head cover 1	1
3	650-11370-00	.CHECK VALVE ASSY	1	22	90119-08M21	BOLT, with washer	14
4	624-14485-00	.PIPE, joint	1	23	6E5-12411-00	THERMOSTAT	1
5	90119-08M19	BOLT, with washer	8	24	6H4-12413-00-9M	COVER, thermostat	1
6	97313-06030	BOLT	6	25	6H4-12414-00	GASKET, cover	1
7	92990-06600	WASHER, plate	6	26	97313-06025	BOLT	2
8	93606-12019	PIN, dowel	2	27	92990-06600	WASHER, plate	2
9	6F5-11119-00	HANGER, engine	1	28	6J8-41113-00-9M	OUTER COVER, exhaust	1
10	97313-08035	BOLT	1	29	676-11372-00	.NIPPLE, hose	1
11	6J8-11325-00	ANODE	2	30	6J8-41111-00-9M	INNER COVER, exhaust	1
12	6H3-11327-00-94	COVER, anode	2	31	6J8-41114-00	GASKET, exhaust outer cover	2
13	6H3-11328-00	GROMMET, anode	2	32	6J8-1111J-00	PIPE 1	1
14	97313-06016	BOLT	2	33	97013-06035	BOLT	11
15	92990-06600	WASHER, plate	2	34	92990-06600	WASHER, plate	11
16	90445-07M29	HOSE	1	35	97313-06025	BOLT	1
17	90467-06016	CLIP	2	36	92990-06600	WASHER, plate	1
18	6J8-11111-00-94	HEAD, cylinder 1	1	37	6J8-45113-00	GASKET, upper casing	1
19	6J8-11181-00	GASKET, cylinder head 1	1	38	94702-00271	PLUG, spark (NGK BR7HS 10)	3

Fig. 2 CRANKSHAFT. PISTON

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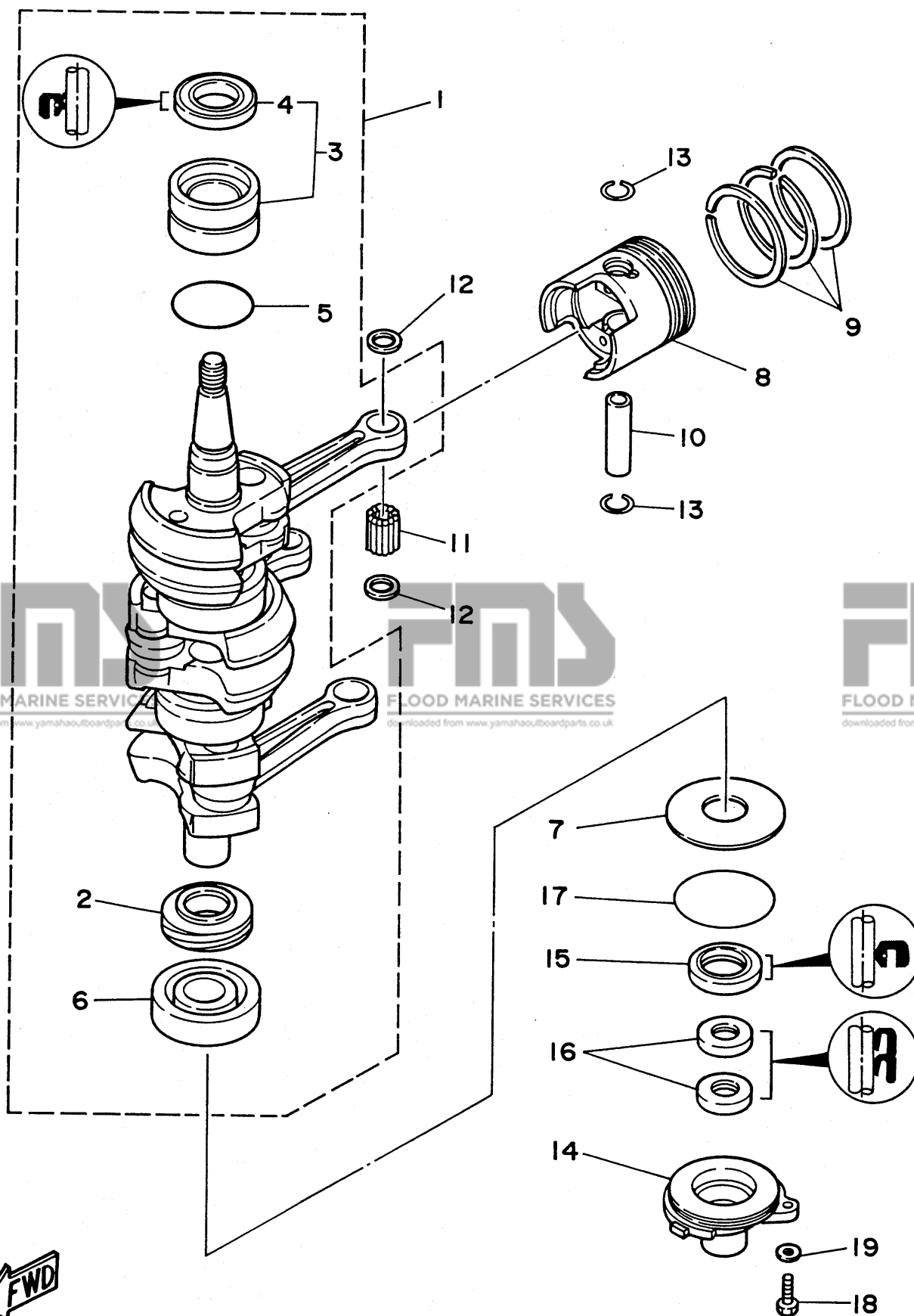
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25J/30D

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Fig. 2 CRANKSHAFT. PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-11400-10	CRANKSHAFT ASSY	1	9	6J8-11610-20	PISTON RING SET (2ND O/S)	3 UR
2	6J8-11536-00	.GEAR, drive	1	10	6J8-11633-00	PIN, piston	3
3	93313-628U0	.BEARING, cylindrical	1	11	93602-16M10	PIN, dowel	84
4	93102-26M27	..OIL SEAL	1	12	90201-16379	WASHER, plate	6
5	93210-42159	.O-RING	1	13	4V2-11634-00	CLIP, piston pin	6
6	93306-305U3	.BEARING	1	14	6J8-15396-00-9M	HOUSING, oil seal	1
7	90201-50306	WASHER, plate	1	15	93101-25M28	OIL SEAL	1
8	6J8-11631-01-97	PISTON (STD)	3	16	93104-16M04	OIL SEAL	2
	6J8-11635-01	PISTON (0.25MM O/S)	3 UR	17	93210-56M80	O-RING	1
	6J8-11636-01	PISTON (0.50MM O/S)	3 UR	18	97313-06016	BOLT	2
9	6J8-11610-00	PISTON RING SET (STD)	3	19	92990-06600	WASHER, plate	2
	6J8-11610-10	PISTON RING SET (1ST O/S)	3 UR				

Fig. 3 INTAKE

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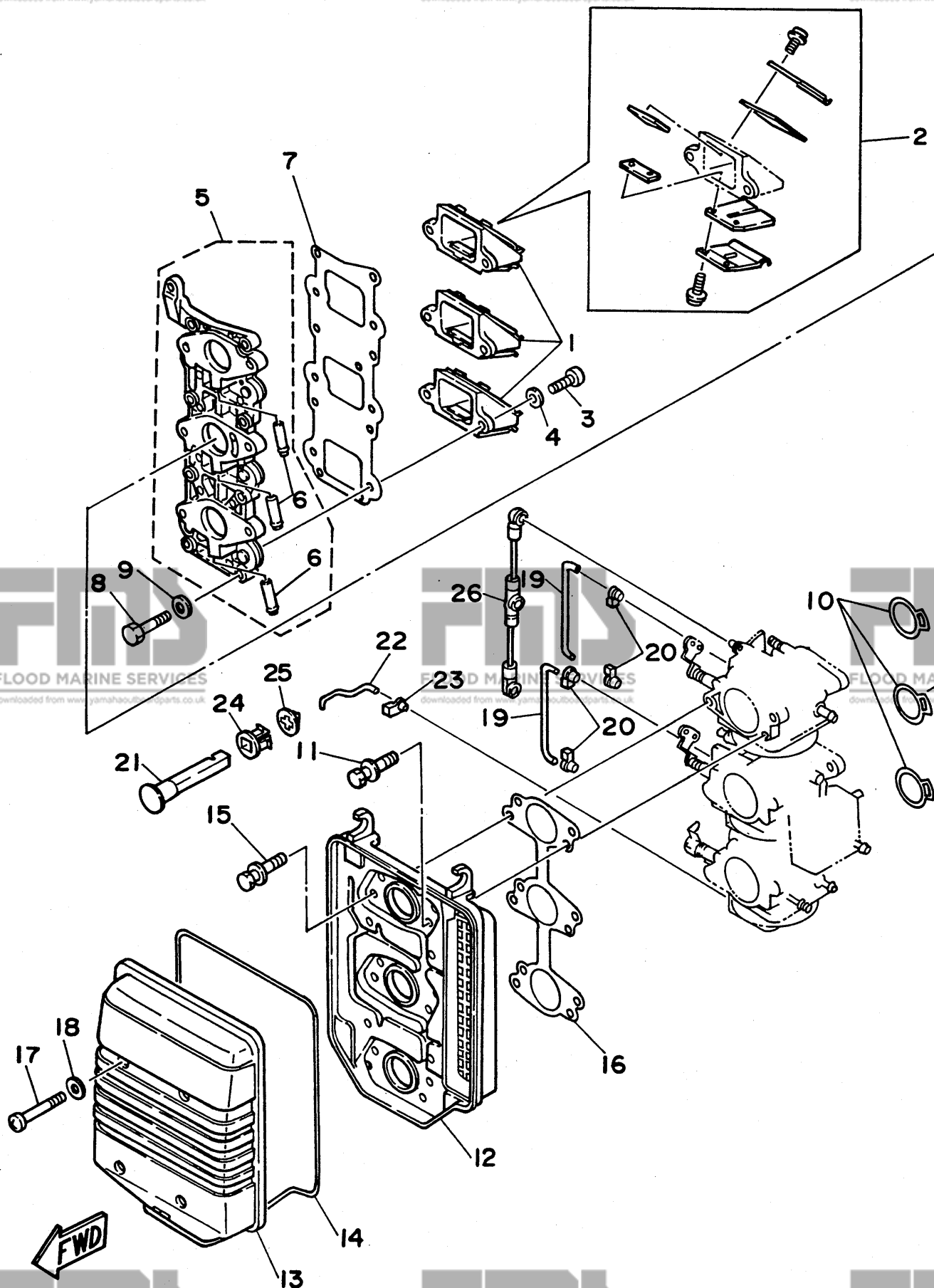
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Fig. 3 INTAKE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-13610-00	REED VALVE ASSY	3	14	6J8-14476-00	SEAL	1
2	6J8-W0004-00	.REED SET	1	15	90119-05M31	BOLT, with washer	6
3	98580-05016	SCREW, pan head	6	16	6J8-14483-00	GASKET	1
4	92990-05600	WASHER, plate	6	17	98580-05540	SCREW, pan head	4
5	6J8-13641-10-94	MANIFOLD 1	1	18	92990-05600	WASHER, plate	4
6	676-14485-00	.PIPE, joint	3	19	6J8-41259-00	ROD, choke 3	2
7	6J8-13621-00	GASKET, valve seat	1	20	661-41262-02	JOINT, choke lever	4
8	97313-06025	BOLT	8	21	6J8-41271-01	KNOB, choke	1
9	92990-06600	WASHER, plate	8	22	6J8-41257-00	ROD, choke 2	1
10	6J8-14198-00	GASKET	3	23	6J8-41262-00	JOINT, choke lever	1
11	90119-06M32	BOLT, with washer	6	24	689-41273-00	GROMMET	1
12	6J8-14417-00	COVER 1	1	25	6J8-41274-00	GROMMET 2	1
13	6J8-14418-00	COVER 2	1	26	6J8-41217-00	ROD, accel. lever	1

Fig. 4 CARBURETOR

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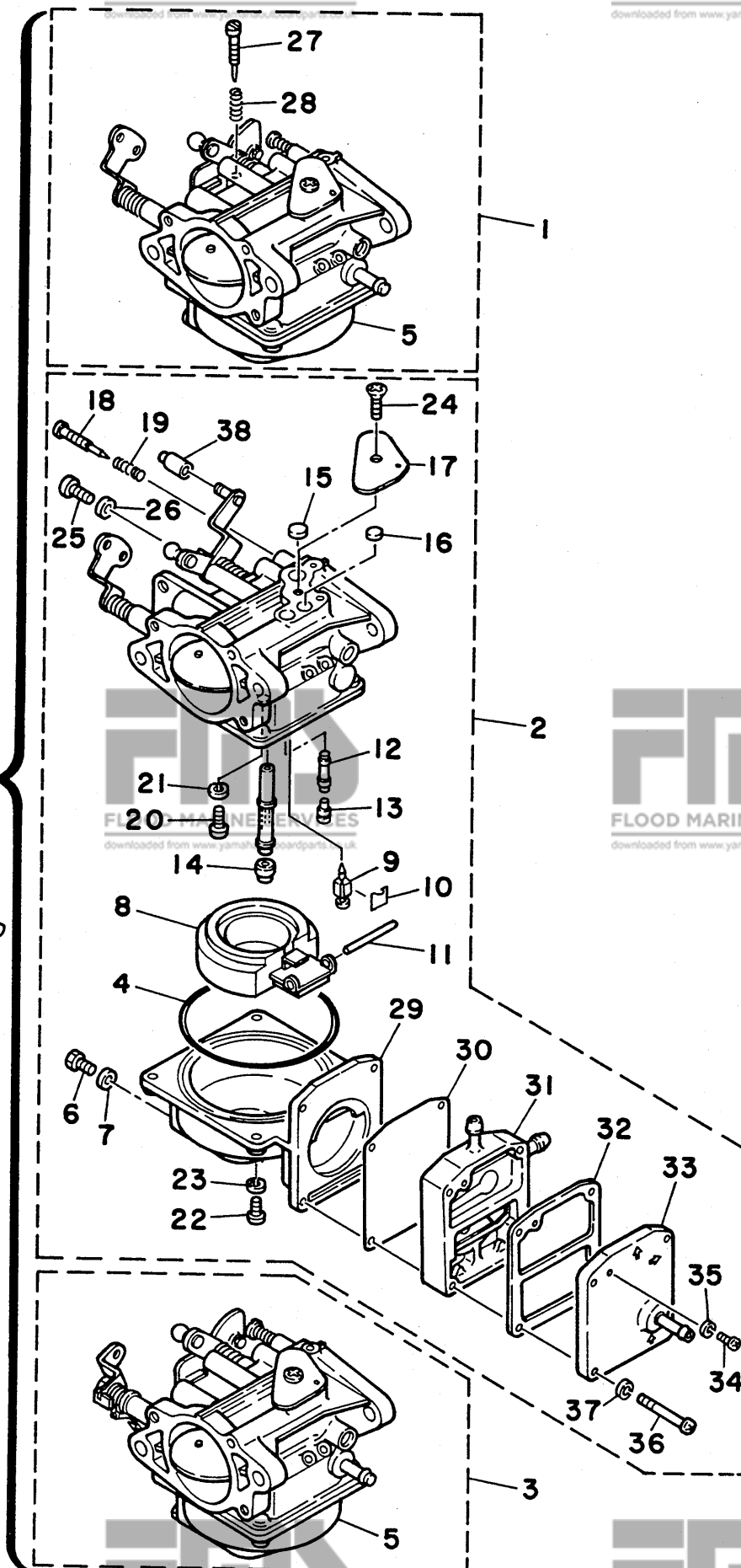
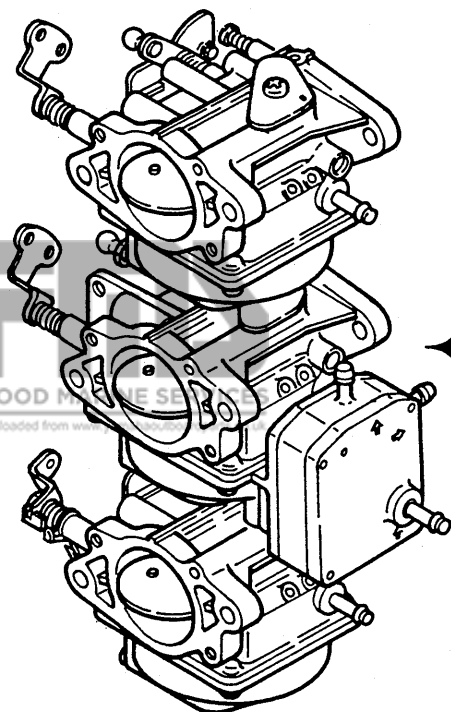
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25J/30D

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Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-14301-10	CARBURETOR ASSY 1 (Upper 30D Model)	1 UR	18	6J8-14923-00	.SCREW, pilot	3
	6K9-14301-10	CARBURETOR ASSY 1 (Upper 25J Model)	1 UR	19	6J8-14555-00	.SPRING	3
2	6J8-14302-00	CARBURETOR ASSY 2 (Center 30D Model)	1 UR	20	97803-04010	.SCREW, pan head	3
	6K9-14302-00	CARBURETOR ASSY 2 (Center 25J Model)	1 UR	21	92903-04100	.WASHER, spring	3
3	6J8-14303-00	CARBURETOR ASSY 3 (Lower 30D Model)	1 UR	22	98580-04012	.SCREW, pan head	12
	6K9-14303-00	CARBURETOR ASSY 3 (Lower 25J Model)	1 UR	23	92903-04100	.WASHER, spring	12
4	6J8-14984-00	.GASKET, float chamber	3	24	98701-05008	.SCREW, flat head	3
5	6J8-14980-00	.BODY, float chamber	2	25	6J8-14592-00	.SCREW	3
6	6J8-14991-00	.SCREW	3	26	92990-05600	.WASHER, plate	3
7	6J8-14995-00	.GASKET	3	27	6J8-14523-00	.SCREW, stop (Upper)	1
8	6J8-14985-00	.FLOAT	3	28	6J8-14334-00	.SPRING, throttle (Upper)	1
9	6J8-14546-00	.VALVE, needle	3	29	6J8-14981-00	.BODY, float chamber (Center)	1
10	6J8-14159-00	.CLIP	3	30	6J8-24471-00	.DIAPHRAGM (Center)	1
11	6J8-14548-00	.PIN, float arm	3	31	6J8-24412-00	.BODY 1 (Center)	1
12	6J8-1492F-25	.JET, air slow (#50) (30D Model)	3 UR	32	6J8-24432-00	.GASKET, fuel pump 2 (Center)	1
	6J8-1492F-27	.JET, air slow (#54) (25J Model)	3 UR	33	6J8-24452-00	.COVER (Center)	1
13	6J8-14966-00	.PLUG	3	34	97803-03022	.SCREW, pan head (Center)	1
14	6J8-1492E-51	.JET, main (#102) (30D Model)	3 UR	35	92990-03100	.WASHER, spring (Center)	1
	6J8-1492E-48	.JET, main (#96) (25J Model)	3 UR	36	98580-04025	.SCREW, pan head (Center)	4
15	6J8-14126-00	.PLUG	3	37	92903-04100	.WASHER, spring (Center)	4
16	6J8-14118-00	.PLUG	3	38	6J8-14578-00	.COLLAR (Center)	1
17	6J8-14527-00	.PLATE	3				

Fig. 5 OIL PUMP

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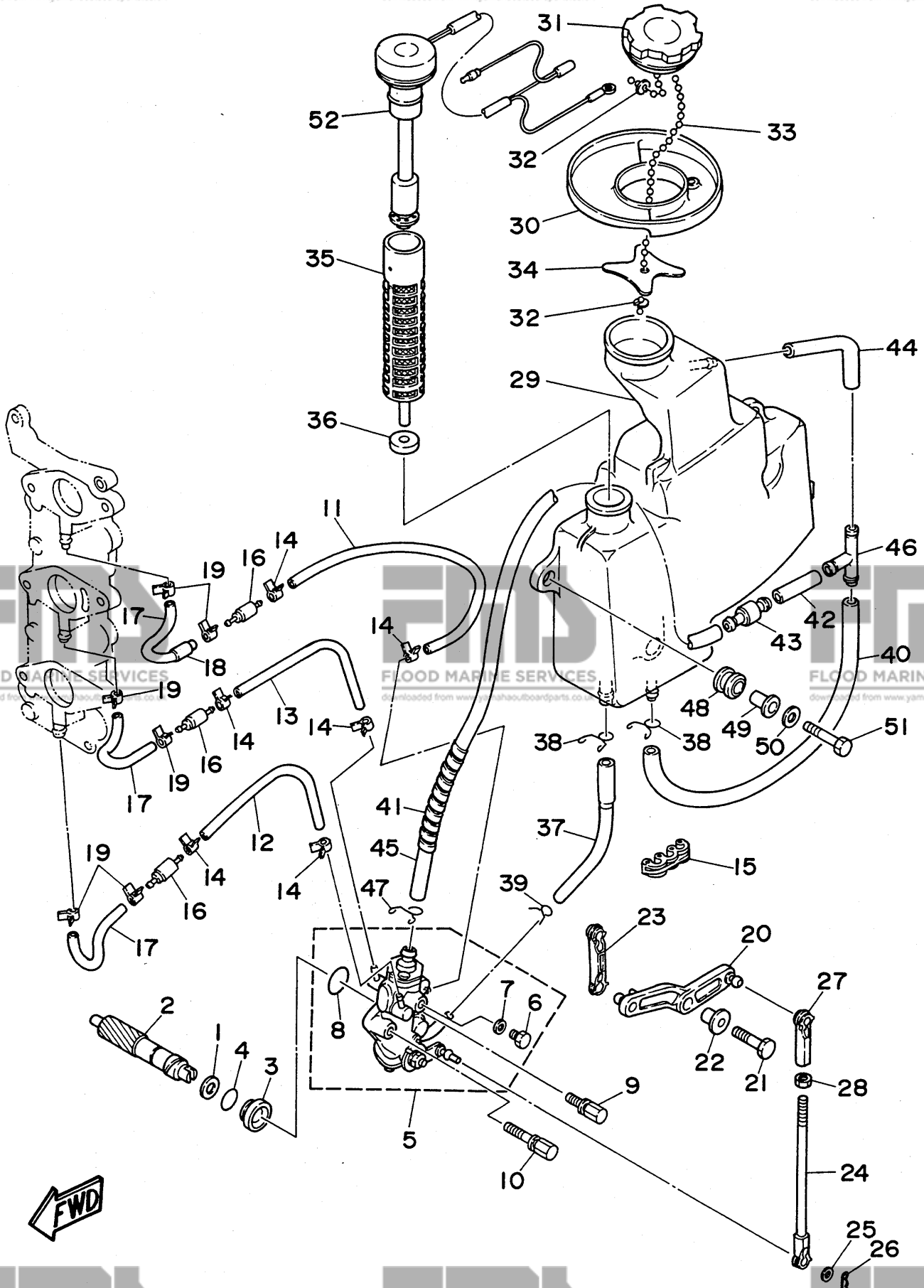


Fig. 5 OIL PUMP

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	90201-08M93	WASHER, plate	1	28	95303-05700	NUT	1
2	6J8-11537-00	GEAR, driven	1	29	6J8-21707-00	OIL TANK COMP. (25JMO/30DMO/30DRO Model)	1 UR
3	6J8-13117-00	COLLAR, distance	1		6J8-21707-10	OIL TANK COMP. (25JEO/30DEO Model)	1 UR
4	93210-13595	O-RING	1	30	6J8-2173M-00	SEAL 3 (25JEO/30DEO Model)	1
5	6J8-13200-00	OIL INJECTION PUMP ASSY	1	31	6H4-21770-00	OIL TANK CAP ASSY	1
6	6J8-13471-00	.PLUG, drain	1	32	6H1-21757-00	WASHER, special 1	2
7	6J8-13475-00	.GASKET	1	33	6H1-24633-00	CHAIN, ball	1
8	93210-19M82	.O-RING	1	34	6J8-21758-00	WASHER, special 2	1
9	90109-05M32	BOLT	1	35	6J8-13411-00	STRAINER, oil	1
10	90109-05M33	BOLT	1	36	6J8-13414-00	GASKET, strainer cover	1
11	90445-07M08	HOSE	1	37	6J8-13416-00	PIPE, oil 1	1
12	90445-07M51	HOSE	1	38	90467-11M08	CLIP	2
13	90445-07M51	HOSE	1	39	90467-08004	CLIP	1
14	90468-07M02	CLIP	6	40	90445-11M03	HOSE	1
15	90464-07M05	CLAMP	1	41	90446-10M01	HOSE	1
16	6J8-13183-00	VALVE, check	3	42	90445-11M07	HOSE	1
17	90445-07M04	HOSE	3	43	6J8-21744-00	BREATHER	1
18	90445-11M08	HOSE	1	44	90445-11M02	HOSE	1
19	90468-07M02	CLIP	6	45	90445-11M04	HOSE	1
20	6J8-13155-00	LEVER, control	1	46	6E5-24378-00	PIPE, joint 4	1
21	97313-06025	BOLT	1	47	90467-10M04	CLIP	1
22	90387-06M60	COLLAR	1	48	6A0-82317-00	DAMPER, ignition coil	3
23	6J8-41238-00	JOINT, link	1	49	624-42542-00	PIPE	3
24	6J8-41237-00	JOINT, link	1	50	90201-06050	WASHER, plate	3
25	90202-05088	WASHER, plate	1	51	97313-06030	BOLT	3
26	90468-05M03	CLIP	1	52	6J8-85720-00	OIL LEVEL GAUGE ASSY	1
27	682-41237-00	JOINT, link	1				

Fig. 6 STARTER

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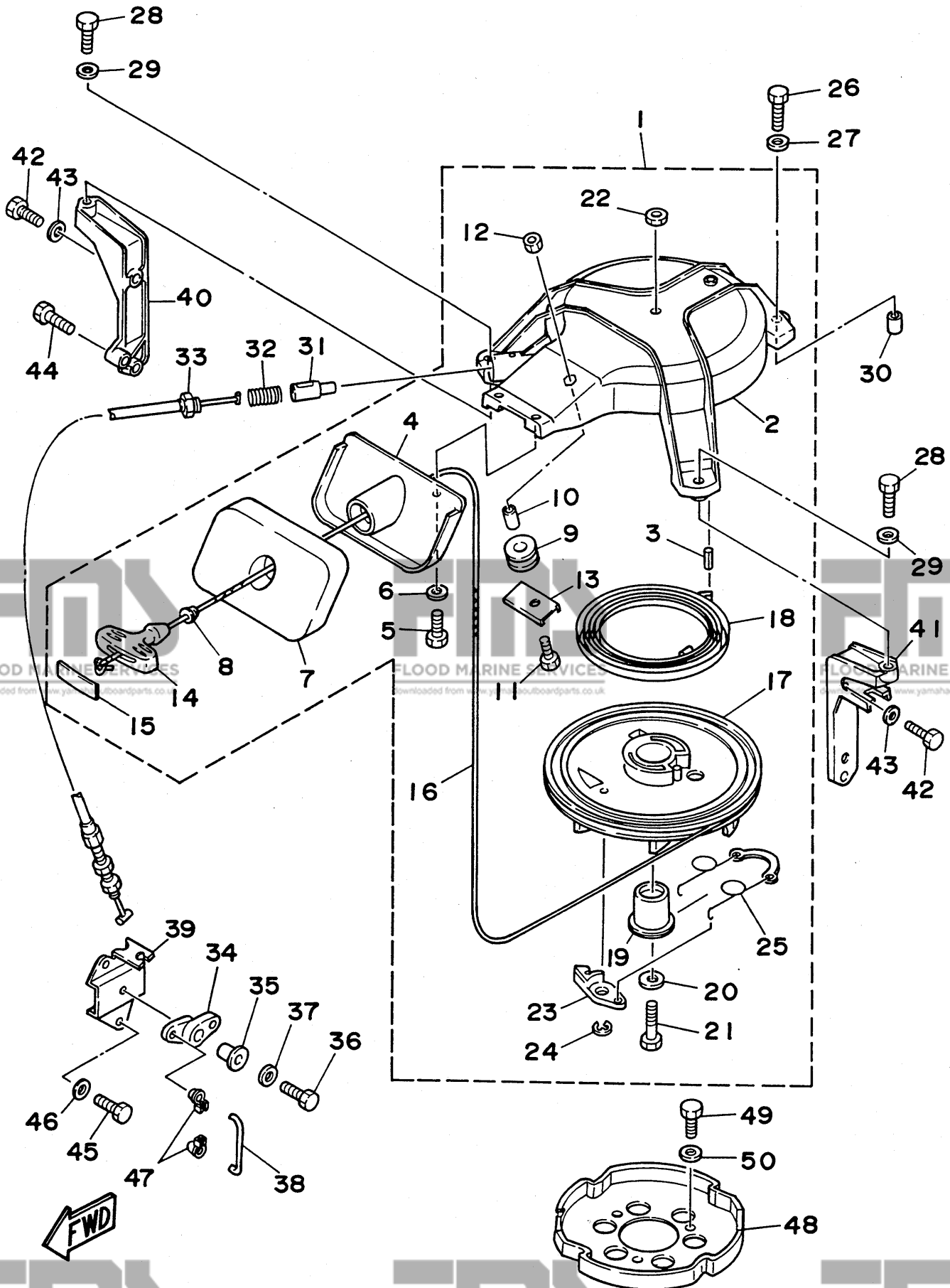


Fig. 6 STARTER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-15710-00	STARTER ASSY	1	26	97013-06035	BOLT	1
2	6J8-15711-00-94	.CASE, starter	1	27	92990-06600	WASHER, plate	1
3	91690-40014	.PIN, spring	1	28	97313-06025	BOLT	2
4	6J8-15758-00-94	.GUIDE, rope	1	29	92990-06600	WASHER, plate	2
5	97313-06016	.BOLT	2	30	99530-10014	PIN, dowel	1
6	92990-06600	.WASHER, plate	2	31	656-15748-00	PLUNGER, starter stop	1
7	6J8-15762-00	.SEAL, rubber 2	1	32	90501-10227	SPRING, compression	1
8	6A0-15789-00	.DAMPER	1	33	6J8-15770-00	CABLE COMP., starter stop	1
9	6F5-15752-00	.ROLLER, wire	1	34	6J8-15746-01	ARM	1
10	6F5-15753-00	.BUSH	1	35	90387-06M29	COLLAR	1
11	97313-06025	.BOLT	1	36	97313-06025	BOLT	1
12	95380-06600	.NUT	1	37	92990-06600	WASHER, plate	1
13	6J8-15787-00	.ADAPTOR	1	38	6J8-15747-00	LINK	1
14	619-15755-01	.HANDLE, starter	1	39	6J8-15774-00	STAY 4	1
15	689-15779-01	.COVER	1	40	6J8-15771-00-94	STAY 1	1
16	*	.WIRE (L1950)	1	41	6J8-15772-00-94	STAY 2	1
17	6J8-15714-00	.DRUM, sheave	1	42	97313-06020	BOLT	3
18	90510-08M04	.SPRING, spiral	1	43	92990-06600	WASHER, plate	3
19	677-15717-01	.SHAFT, starter	1	44	97313-06020	BOLT	1
20	90201-06060	.WASHER, plate	1	45	97313-06016	BOLT	2
21	97313-06025	.BOLT	1	46	92990-06600	WASHER, plate	2
22	95303-06700	.NUT	1	47	661-41262-02	JOINT, choke lever	2
23	676-15741-03	.PAWL, drive	1	48	6J8-15723-00	PULLEY, starter	1
24	93430-06M02	.CIRCLIP	1	49	97321-08014	BOLT	3
25	6J8-15705-00	.SPRING, drive pawl	1	50	92990-08600	WASHER, plate	3

* Cut from 50m rolls, Parts No. 90890-44373, cutting length 1.95m.



Fig. 7 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6Y1-W2420-62-24	FUEL TANK ASSY	1	22	92990-06600	WASHER, plate	1
2	6Y1-24246-00	.GRAPHIC, side	2	23	90467-08004	CLIP	2
3	6Y1-24257-00	.GRAPHIC	1	24	90445-09M00	HOSE	1
4	6Y1-24260-02	.FUEL METER ASSY	1	25	655-24560-01	FILTER ASSY	1
5	6Y1-24268-00	.GASKET, fuel meter	1	26	6F5-24563-00	.ELEMENT, filter	1
6	98586-05016	.SCREW, pan head	4	27	93210-37M25	.O-RING	1
7	6Y1-24329-00	.SEAL	4	28	655-24521-01	.CUP, filter	1
8	6Y1-24610-00	.CAP ASSY	1	29	90179-08M15	NUT	1
9	6Y1-24167-00	.STRAINER	1	30	6E5-24312-00	PIPE 2	1
10	6Y1-24256-80	.GRAPHIC, fuel tank 9	1	31	90464-09M21	CLAMP	1
11	6Y1-24306-05	FUEL PIPE COMP. 1	1	32	688-24313-00	PIPE 3	1
#12	90445-11M06	.HOSE (L2050)	1	33	6J8-24311-00	PIPE, fuel 1	1
13	6Y1-24360-02	.PRIMER PUMP ASSY	1	34	90467-08004	CLIP	6
#14	90445-11M05	.HOSE (L850)	1	35	656-W2810-01	TOOL KIT	1
15	650-24351-01	.BAND 1	4	36	6J8-28170-00	TOOL, holder	1
16	6G1-24305-00	.FUEL PIPE JOINT COMP. 2	1	37	90465-13154	CLAMP	1
17	93210-08287	..O-RING	1	38	97313-08016	BOLT	2
18	6Y1-24305-01	.FUEL PIPE JOINT COMP. 2	1	39	92990-08600	WASHER, plate	2
19	93210-08287	..O-RING	1	40	90464-12M17	CLAMP	6
20	6G1-24304-02	FUEL PIPE JOINT COMP. 1	1	41	6E0-28193-00-94	PLUG, water check	1 AP
21	97313-06025	BOLT	1				

Also available in 30m rolls. (Parts No. 90890-56878)

Fig. 8 TOP COWLING

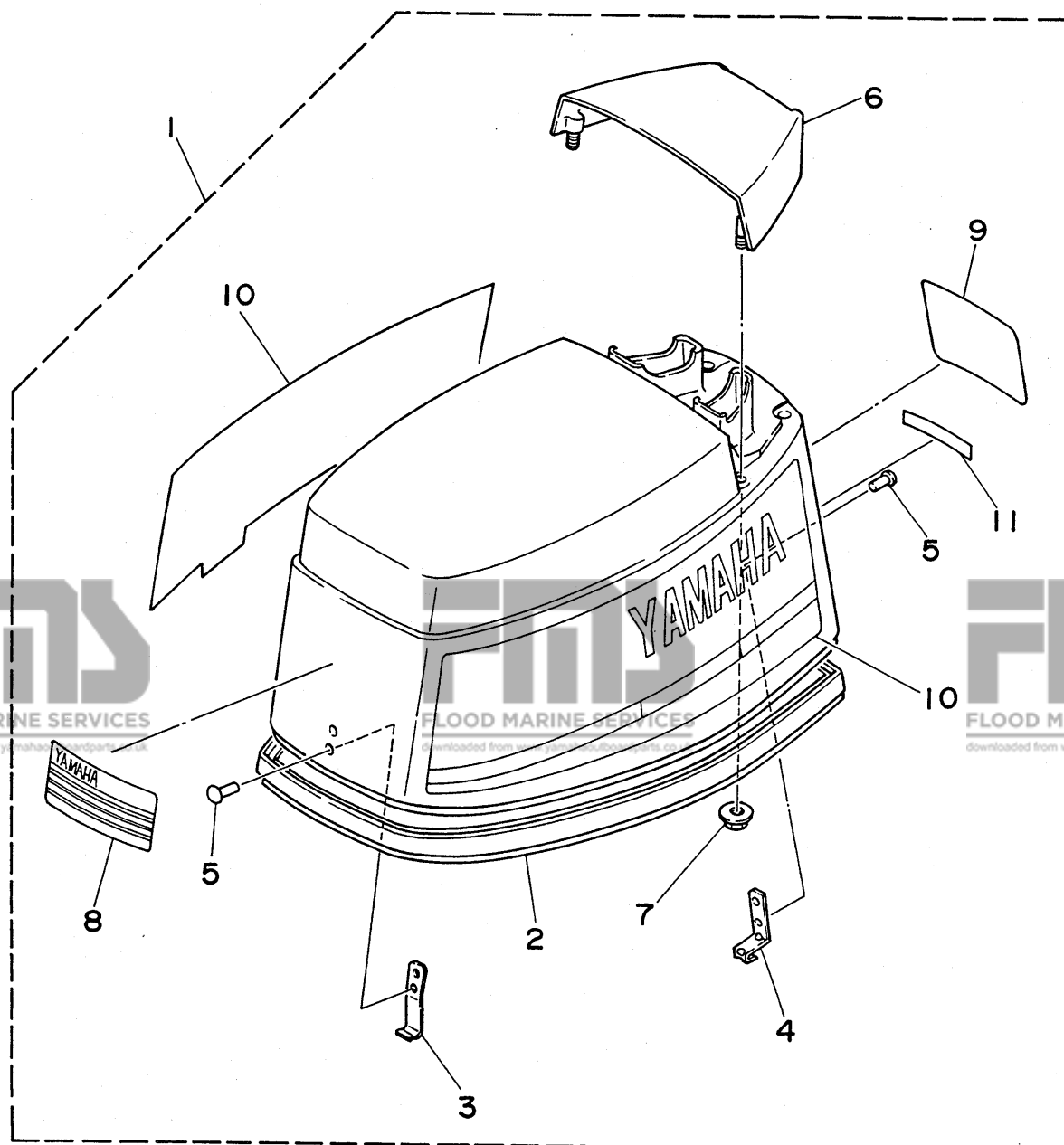


Fig. 8 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-42610-V1-EJ	TOP COWLING ASSY (30DMO Model)	1 UR	7	90179-06M12	.NUT	4
	6K9-42610-V1-EJ	TOP COWLING ASSY (25JMO Model)	1 UR	8	6J8-42677-00	.GRAPHIC, front	1
2	6J8-42615-00	.SEAL	1	9	6J8-42678-00	.GRAPHIC, rear (30DMO Model)	1 UR
3	6J8-42651-02	.HOOK	1		6K9-42678-00	.GRAPHIC, rear (25JMO Model)	1 UR
4	6J8-42652-00	.HOOK	1	10	6J8-W0070-V0	.GRAPHIC SET	1
5	90266-04M00	.RIVET	4				
6	6J8-42613-00-EJ	.MOLDING, air duct	1				

Fig. 9 BOTTOM COWLING

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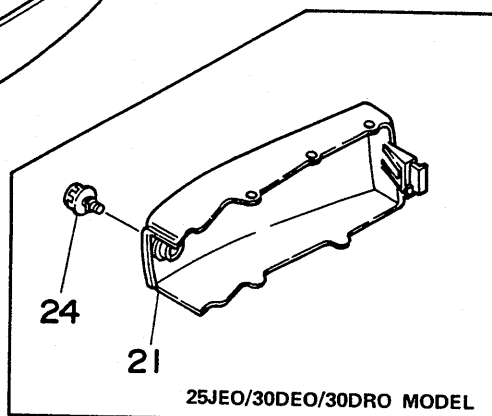
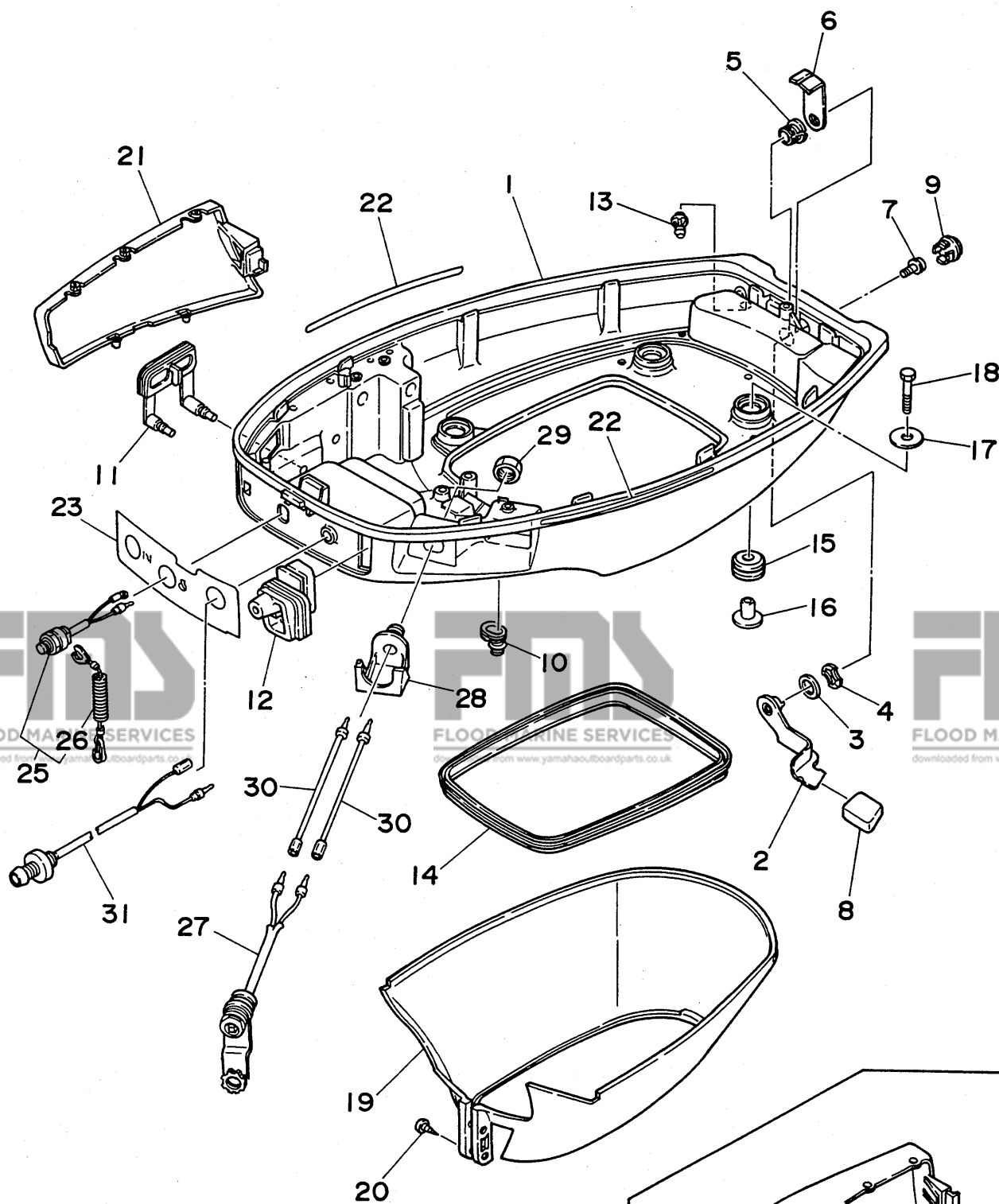


Fig. 9 BOTTOM COWLING

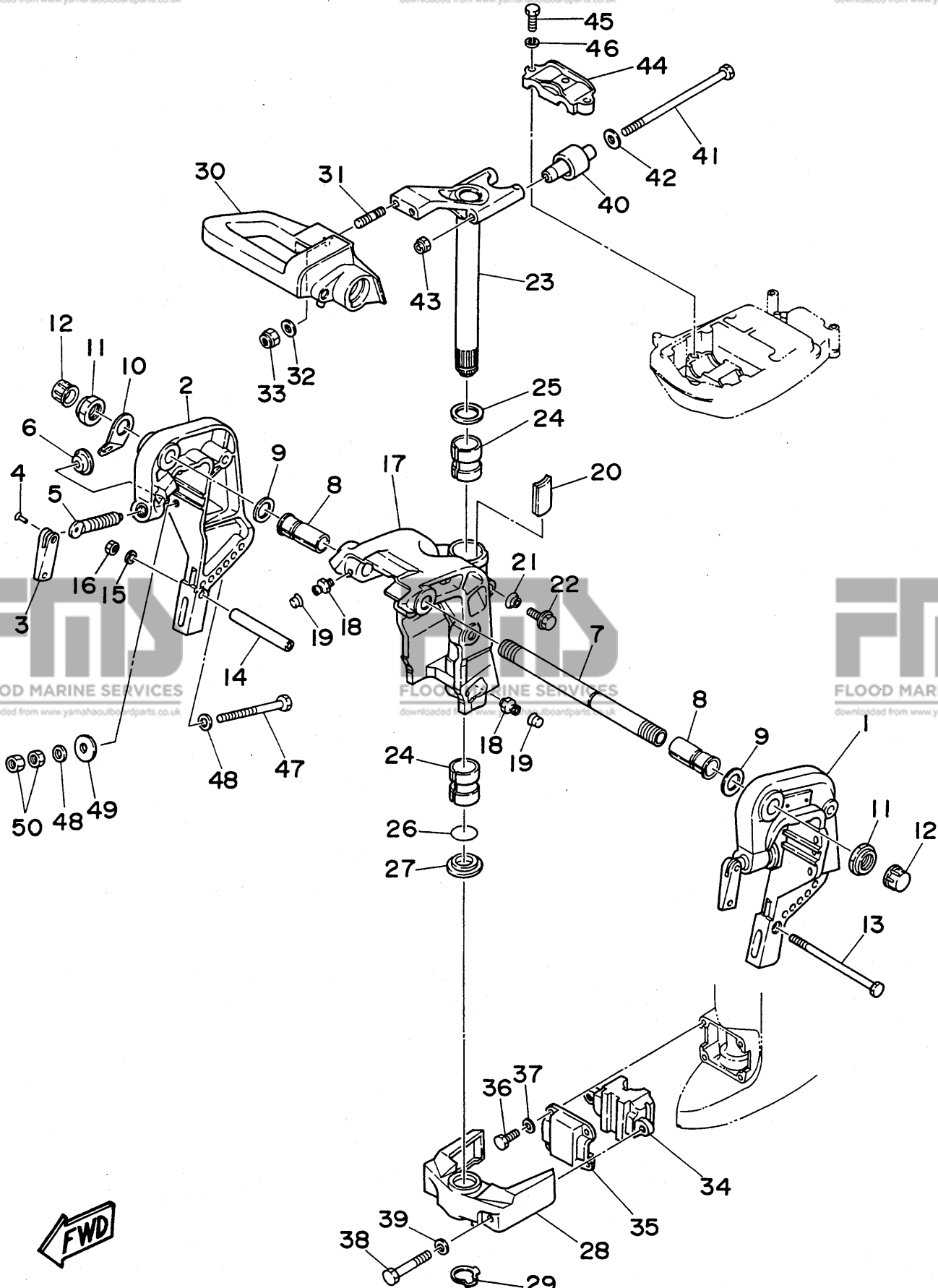
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-42711-00-EJ	COWLING, bottom	1	16	90387-06M41	COLLAR	4
2	6J8-42815-00-EJ	LEVER, clamp	1	17	90201-06416	WASHER, plate	4
3	90202-12M25	WASHER, plate	1	18	97313-06030	BOLT	4
4	90206-12052	WASHER, wave	1	19	6J8-42741-20	APRON	1
5	90386-12M61	BUSH	1	20	90164-06M01	SCREW, tapping	2
6	6J8-42816-00	LEVER, clamp	1	21	6J8-42723-J0	COVER, bottom (25JMO/30DMO Model)	1 UR
7	95895-06012	BOLT, flange	1		6J8-42723-20	COVER, bottom (25JEO/30DEO/30DRO Model)	1 UR
8	6J8-42831-00	BUSHING	1	22	6J8-42735-00	PROTECTOR	2
9	6J8-42728-20	CAP	1	23	6J8-42719-20	PANEL, front lower	1
10	6G1-42727-00	GROMMET	1	24	6J8-42846-00	SCREW (25JEO/30DEO/30DRO Model)	1
11	6J8-42724-00	GROMMET	1	25	689-82575-02	KILL SWITCH ASSY	1
12	6J8-42726-00	GROMMET	1	26	682-82556-00	.STOPPER	1
13	6H3-44391-00	NIPPLE, hose	1	27	682-84381-00	2P CONCENT	1
14	6J8-42716-00	RUBBER, seal 1	1	28	6J8-84387-00	HOLDER	1
15	90480-09M21	GROMMET	4	29	663-82557-00	NUT	1
				30	6J8-82553-00	EXTENSION, wire lead	2
				31	6J8-85410-00	EMERGENCY SIGNAL LIGHT ASSY	1

Fig. 10 BRACKET 1

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Fig. 10 BRACKET 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-43111-04-EJ	BRACKET, clamp	1	27	90386-30M60	BUSH	1
2	6H4-43112-03-EJ	BRACKET, clamp	1	28	6H4-44551-01-EJ	HOUSING, lower mount rubber	1
3	616-43118-00-EJ	HANDLE, transom clamp	2	29	93410-28M06	CIRCLIP	1
4	90243-04M00	PIN	2	30	6J8-42121-00-EJ	BRACKET	1
5	90149-14M03	SCREW	2	31	90116-10M28	BOLT, stud	2
6	648-43114-01	PAD, transom clamp	2	32	92990-10600	WASHER, plate	2
7	6J8-43131-00	BOLT, clamp bracket	1	33	90185-10051	NUT, self-locking	2
8	90386-22M69	BUSH	2	34	6H4-44557-00	MOUNT DAMPER, lower front (Short)	1 UR
9	90201-22428	WASHER, plate	2	35	6H4-44557-10	MOUNT DAMPER, lower front (Long)	1 UR
10	6J8-43113-01	PLATE, clamp bracket	1	36	6H4-44553-01	COVER, lower mount	1
11	90185-22043	NUT, self-locking	2	37	97395-08025	BOLT	4
12	663-43145-00	CAP, clamp bracket	2	38	92990-08600	WASHER, plate	4
13	90101-08339	BOLT	1	39	97395-10060	BOLT	2
14	90387-08M03	COLLAR	1	40	92990-10600	WASHER, plate	2
15	92990-08600	WASHER, plate	1	41	6H4-44514-00	MOUNT DAMPER, upper side	2
16	95380-08600	NUT	1	42	90109-08M26	BOLT	2
17	6J8-43311-03-EJ	BRACKET, swivel	1	43	90201-09425	WASHER, plate	2
18	93700-06004	NIPPLE, grease	3	44	90185-08045	NUT, self-locking	2
19	663-45119-00	CAP, grease nipple	3	45	6J8-44511-00-EJ	COVER, upper mount	1
20	6J8-42528-00	PLATE, friction	1	46	97090-08035	BOLT	3
21	689-43373-01	SEAL, damper	1	47	92990-08100	WASHER, spring	3
22	90105-06M18	BOLT, washer based	1	48	90101-10M58	BOLT	4
23	6J8-42510-01-EJ	STEERING BRACKET ASSY	1	49	92990-10600	WASHER, plate	8
24	90386-30048	BUSH	2	50	90201-12426	WASHER, plate	4
25	90201-30M00	WASHER, plate	1		95380-10600	NUT	8
26	93210-29375	O-RING	1				

Fig. 11 BRACKET 2

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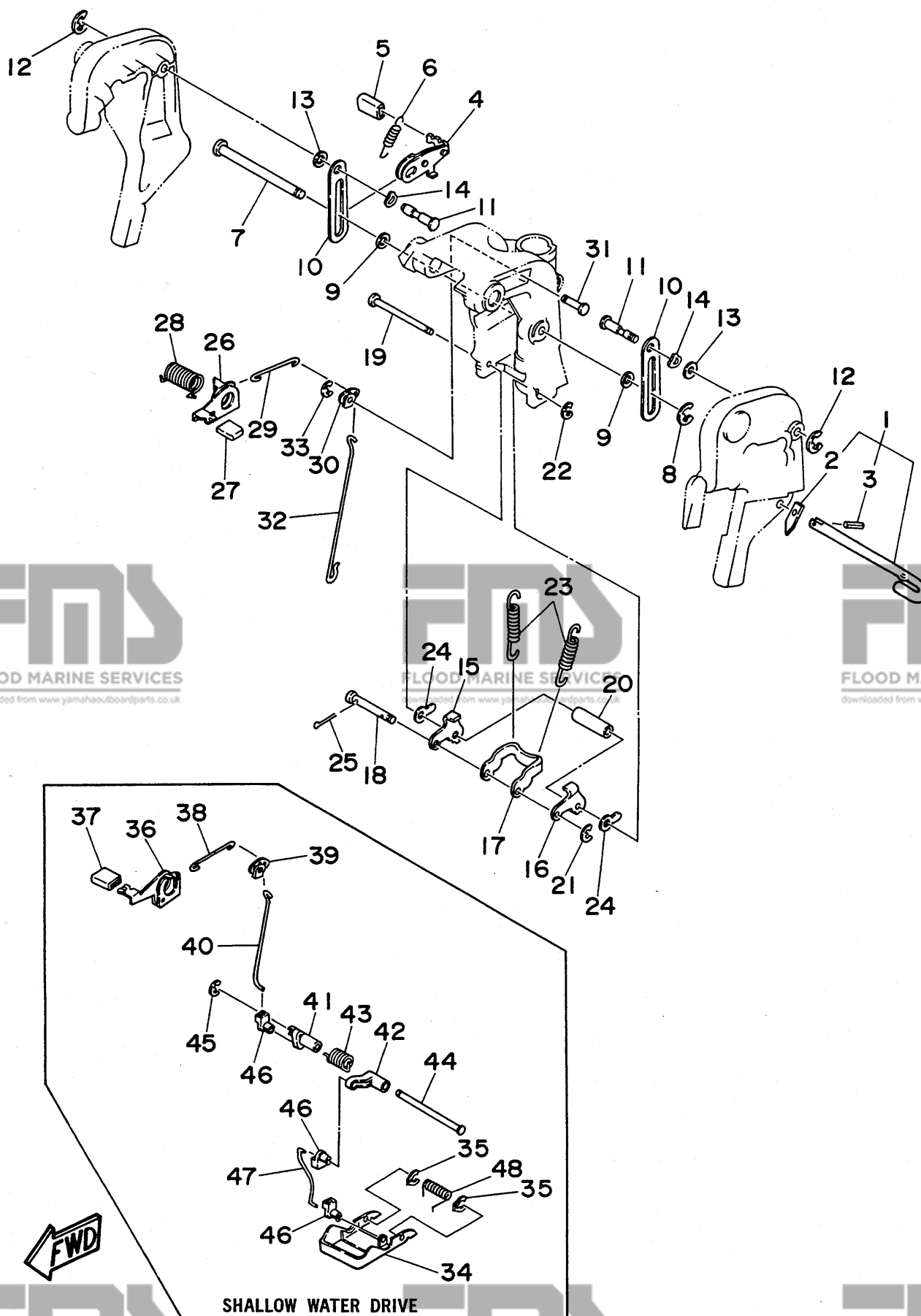
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Fig. 11 BRACKET 2

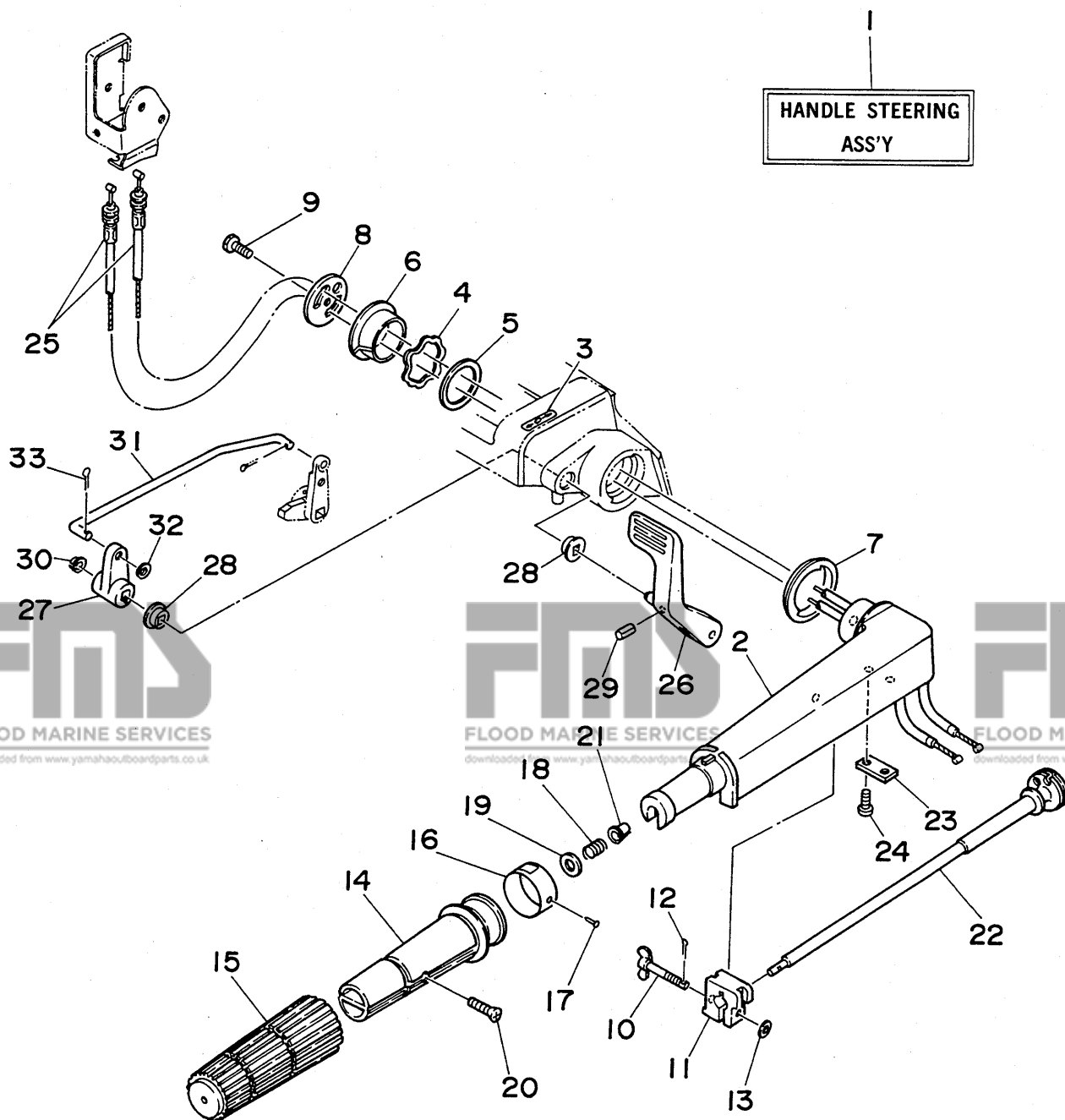
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-43160-00	TILT ROD ASSY	1	25	91490-20010	PIN, cotter	2
2	676-43165-00	.PLATE, tilt lock	1	26	6J8-43631-00	LEVER, tilt	1
3	91690-30010	.PIN, spring	1	27	6J8-43633-00	COVER, tilt lever	1
4	6J8-43181-01	LEVER, tilt stop	1	28	90508-18M24	SPRING, torsion	1 UR
5	682-43318-01	COVER	1		90508-18M23	SPRING, torsion	
6	90506-12M25	SPRING, tension	1			(For Shallow Water Drive)	1 UR
7	90249-12M28	PIN	1	29	6H4-43616-00	ROD, tilt lock	1
8	93430-10M00	CIRCLIP	1	30	6J8-43641-00	LEVER, tilt	1
9	90202-12031	WASHER, plate	2	31	90249-06M23	PIN	1 UR
10	6J8-43627-00	STOPPER	2		90249-06M24	PIN (For Shallow Water Drive)	1 UR
11	90249-12M27	PIN	2	32	6J8-43617-00	ROD, tilt lock	1
12	93430-10M00	CIRCLIP	2	33	99080-05600	CIRCLIP	1
13	90202-12031	WASHER, plate	2	34	6J8-43681-01	LEVER, shallow water drive	1
14	90206-12M16	WASHER, wave	2	35	6J8-43673-00	WASHER 1	2
15	6J8-43614-00	PLATE, tilt lock	1	36	6J8-43631-10	LEVER, tilt	1
16	6J8-43615-00	PLATE, tilt lock	1	37	6J8-43633-00	COVER, tilt lever	1
17	6J8-43613-01	ARM, tilt lock	1	38	6H4-43616-00	ROD, tilt lock	1
18	6H4-43659-00	SHAFT, reverse lock	1	39	6J8-43641-00	LEVER, tilt	1
19	6J8-43611-01	SHAFT, tilt lock	1	40	6J8-43617-10	ROD, tilt lock	1
20	90387-07M64	COLLAR	1	41	6J8-43186-00	LEVER	1
21	93430-06M02	CIRCLIP	1	42	6J8-43187-00	LEVER 2	1
22	99080-05600	CIRCLIP	1	43	90508-25M21	SPRING, torsion	1
23	90506-32M22	SPRING, tension	2	44	90249-07M25	PIN	1
24	6H4-43674-00	WASHER		45	99080-05600	CIRCLIP	1
		(Without Shallow Water Drive)	2	46	6J8-41262-00	JOINT, choke lever	3
				47	6J8-43616-10	ROD, tilt lock	1
				48	90508-20M22	SPRING, torsion	1

Fig. 12 STEERING

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Fig. 12 STEERING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-W0084-00-EJ	HANDLE STEERING ASSY (Ref.No. 2 to 25, Fig.9, Ref.No.12 and Fig.10, Ref.No.30)	1	18	90501-23215	SPRING, compression	1
2	6G1-42111-03-EJ	HANDLE, steering	1	19	92990-10600	WASHER, plate	1
3	6E0-44191-11	INDICATOR, shift	1	20	90149-05M06	SCREW	1
4	90206-35M11	WASHER, wave	1	21	90386-08032	BUSH	1
5	90202-35M24	WASHER, plate	1	22	6G1-42138-01	LEVER, throttle	1
6	90386-34M40	BUSH	1	23	6E0-42159-01	STAY	1
7	90386-43M62	BUSH	1	24	98580-05012	SCREW, pan head	2
8	6G1-42131-01	COVER, handle steering	1	25	6J8-26301-00	THROTTLE CABLE ASSY	2
9	97395-06016	BOLT	1	26	6J8-44111-00-EJ	HANDLE, gear shift	1
10	6G1-42125-01	BOLT, friction adjusting	1	27	6J8-44125-00	LEVER, shift rod	1
11	6G1-42126-00	FRICTION, steering handle grip	1	28	682-44132-00	BUSHING	2
12	91490-16010	PIN, cotter	1	29	91690-30318	PIN, spring	1
13	90202-05088	WASHER, plate	1	30	90386-06M12	BUSH	1
14	664-42119-00	GRIP, steering handle	1	31	6J8-44124-00	LINK, shift rod	1
15	6G1-42177-00	RUBBER, handle	1	32	92990-06200	WASHER, plain	1
16	6J8-42137-00	INDICATOR, throttle	1	33	91490-20015	PIN, cotter	1
17	90269-02001	RIVET	1				

Fig. 13 CONTROL

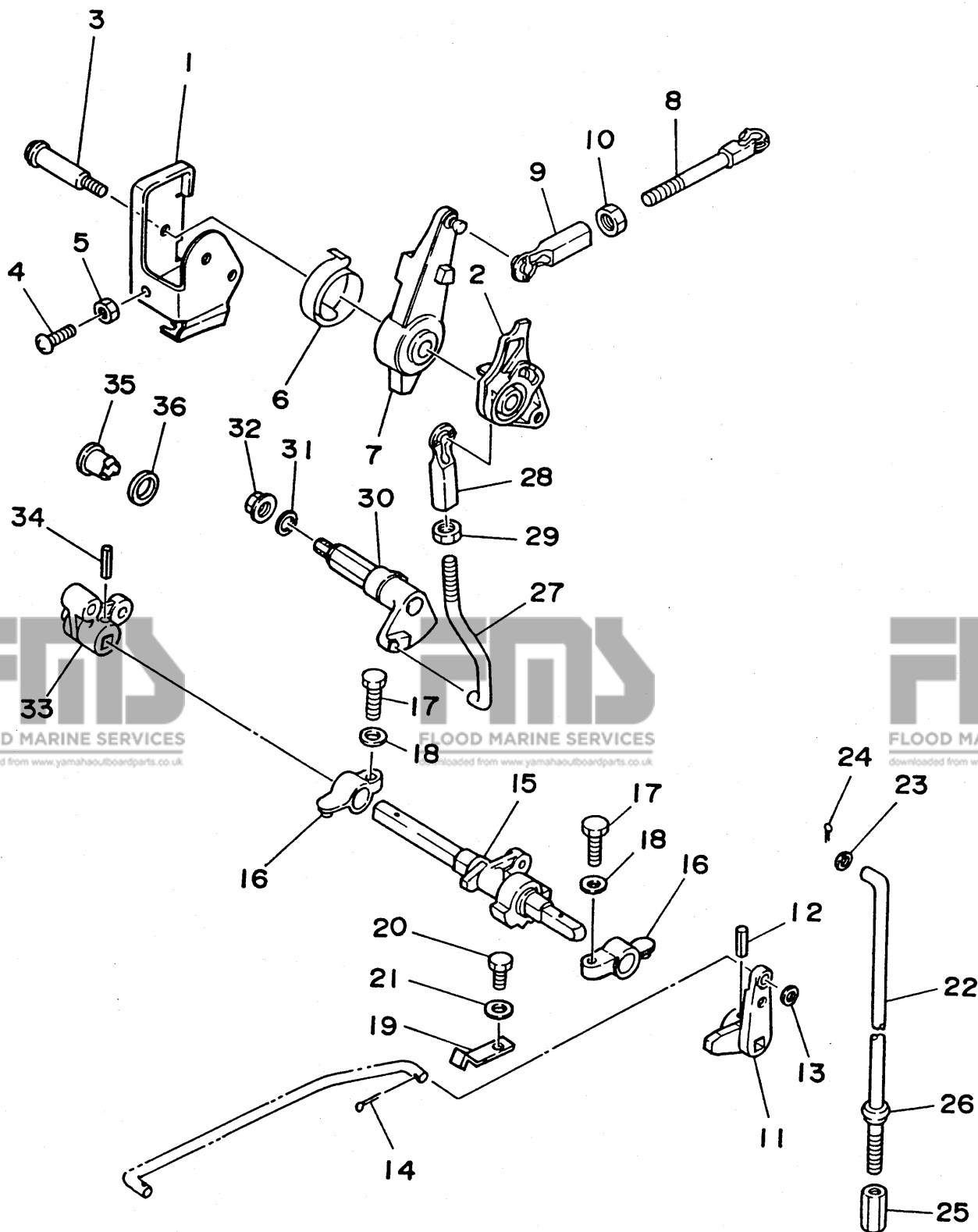


Fig. 13 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-14497-00	STAY, throttle wire	1	19	6J8-44116-00	SPRING	1
2	6J8-41213-00	CAM, accel.	1	20	97395-06012	BOLT	1
3	90109-06M28	BOLT	1	21	92990-06600	WASHER, plate	1
4	92580-06025	SCREW, pan head	1	22	6J8-44143-00	ROD, shift	1
5	95303-06600	NUT	1	23	92990-05600	WASHER, plate	1
6	6J8-42167-00	SPRING 1	1	24	91490-16010	PIN, cotter	1
7	6J8-41631-02	LEVER, magneto control	1	25	90170-06015	NUT	1
8	689-42169-01	JOINT	1	26	689-43373-01	SEAL, damper	1
9	682-41237-00	JOINT, link	1	27	6J8-42192-00	ROD 2	1
10	95303-05600	NUT	1	28	682-41237-00	JOINT, link	1
11	6J8-44123-00	ARM, shift rod	1	29	95303-05600	NUT	1
12	91690-30318	PIN, spring	1	30	6J8-42154-01	LEVER, throttle control	1
13	92990-06200	WASHER, plain	1	31	90202-10024	WASHER, plate	1
14	91490-20015	PIN, cotter	1	32	95780-08300	NUT, flange	1
15	6J8-44121-00	LEVER, shift rod	1	33	6J8-44142-00	JOINT	1
16	6G1-41662-01-94	BRACKET	2	34	91690-30318	PIN, spring	1
17	97313-06020	BOLT	2	35	682-42726-00	GROMMET	1
18	92990-06600	WASHER, plate	2	36	90202-12M17	WASHER, plate	1

Fig. 14 UPPER CASING

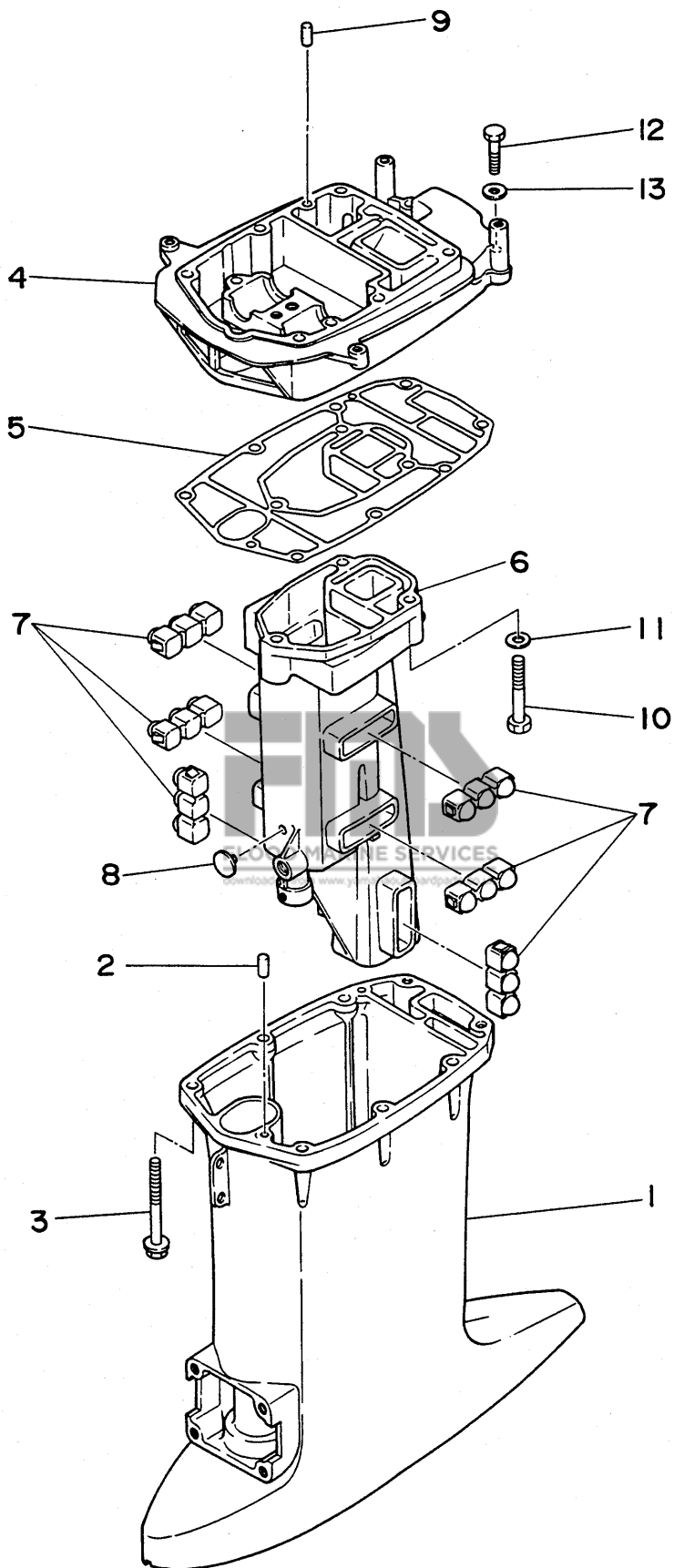


Fig. 14 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-45111-00-EJ	CASING, upper (Short)	1 UR	7	6J8-14737-00	DAMPER, muffler	6
	6J8-45111-10-EJ	CASING, upper (Long)	1 UR	8	90338-07M00	PLUG	1
2	93606-12019	PIN, dowel	2	9	93606-12019	PIN, dowel	2
3	90119-08M31	BOLT, with washer	6	10	97395-08050	BOLT	3
4	6J8-41137-00-94	GUIDE, exhaust	1	11	92990-08600	WASHER, plate	3
5	6J8-45114-01	GASKET, upper casing	1	12	97395-08030	BOLT	2
6	6J8-41131-00-9M	MANIFOLD, ext. 1 (30D Model)	1 UR	13	92990-08600	WASHER, plate	2
	6K9-41131-00-9M	MANIFOLD, ext. 1 (25J Model)	1 UR				

Fig. 15 LOWER CASING. DRIVE I

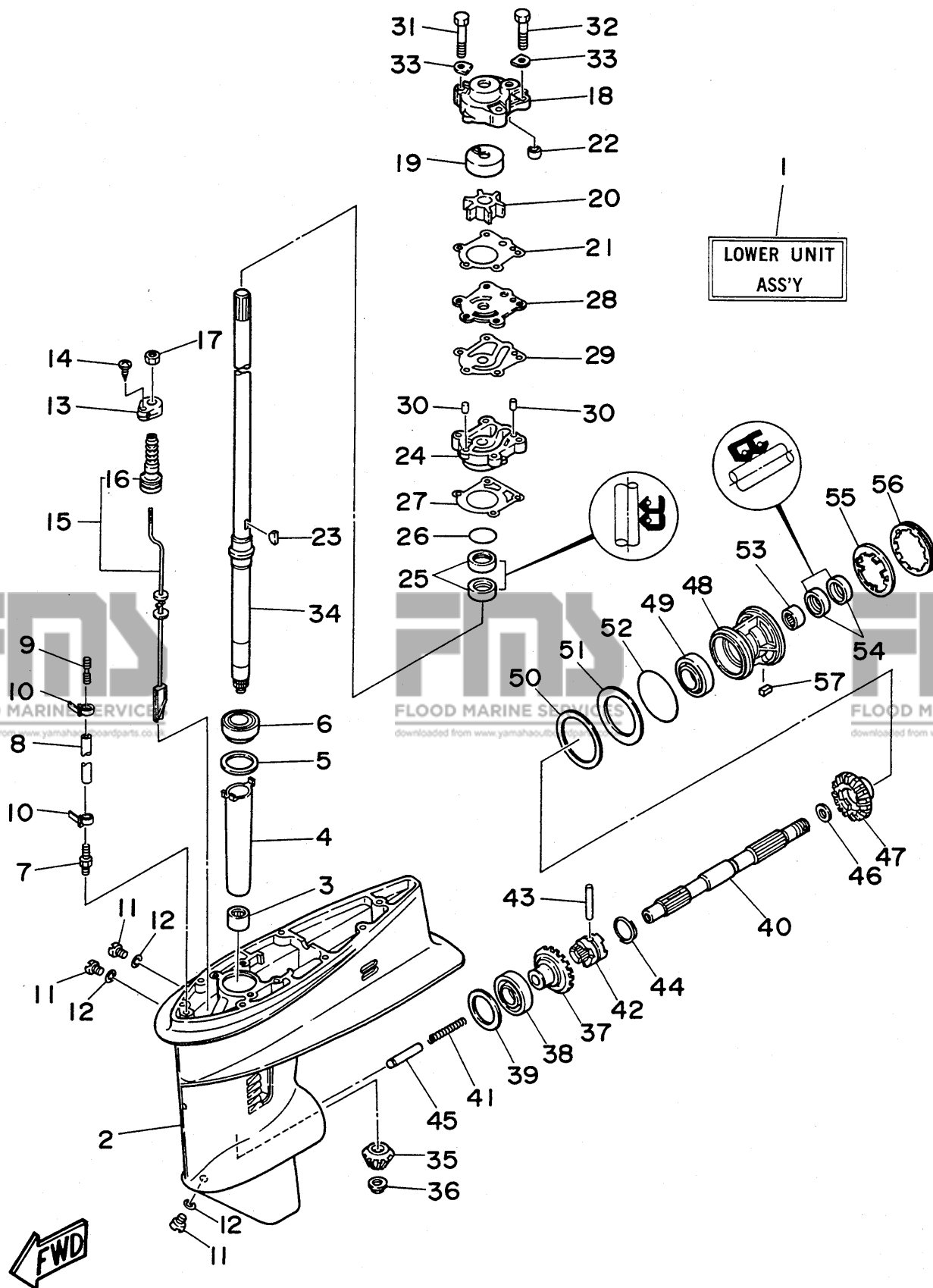


Fig. 15 LOWER CASING. DRIVE 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-45300-02-EJ	LOWER UNIT ASSY (Short)	1 UR	32	97395-08040	BOLT	2
		(Ref.No. 2 to 57)		33	90209-08M02	WASHER	4
	6J8-45300-12-EJ	LOWER UNIT ASSY (Long)	1 UR	34	6J8-45501-00	DRIVE SHAFT COMP. (Short)	1 UR
		(Ref.No. 2 to 57)			6J8-45501-10	DRIVE SHAFT COMP. (Long)	1 UR
2	6J8-45301-01-EJ	CASING, lower	1	35	6J8-45551-00	PINION	1
3	93315-220V7	BEARING, cylindrical	1	36	90179-10M14	NUT	1
4	6J8-45536-00	SLEEVE, drive shaft	1	37	6J8-45560-00	GEAR	1
5	663-45587-01-10	SHIM (T:0.10MM)	1 UR	38	93332-000V6	BEARING	1
	663-45587-01-12	SHIM (T:0.12MM)	1 UR	39	6J8-45567-01-10	SHIM (T:0.10MM)	1 UR
	663-45587-01-15	SHIM (T:0.15MM)	1 UR		6J8-45567-01-12	SHIM (T:0.12MM)	1 UR
	663-45587-01-18	SHIM (T:0.18MM)	1 UR		6J8-45567-01-15	SHIM (T:0.15MM)	1 UR
	663-45587-01-30	SHIM (T:0.30MM)	1 UR		6J8-45567-01-18	SHIM (T:0.18MM)	1 UR
	663-45587-01-40	SHIM (T:0.40MM)	1 UR		6J8-45567-01-30	SHIM (T:0.30MM)	1 UR
	663-45587-01-50	SHIM (T:0.50MM)	1 UR		6J8-45567-01-40	SHIM (T:0.40MM)	1 UR
6	93332-00023	BEARING	1		6J8-45567-01-50	SHIM (T:0.50MM)	1 UR
7	6E5-45378-00	NIPPLE, hose	1	40	6J8-45611-00	SHAFT, propeller	1
8	90445-07ME9	HOSE (Short)	1 UR	41	90501-10065	SPRING, compression	1
	90445-07M31	HOSE (Long)	1 UR	42	6J8-45631-00	CLUTCH, dog	1
9	6E5-83558-00	END, nipple	1	43	90250-05010	PIN, straight	1
10	90465-11M10	CLAMP	2	44	648-45633-00	RING, cross pin	1
11	90340-08M04	PLUG, straight screw	3	45	6J8-45635-00	PLUNGER, shift	1
12	90430-08020	GASKET	3	46	90201-20417	WASHER, plate	1
13	682-44176-00	BRACKET	1	47	6J8-45571-00	GEAR	1
14	97780-50510	SCREW, tapping	1	48	689-45331-00-94	HOUSING, bearing	1
15	6J8-44150-00	SHIFT CAM ASSY (Short)	1 UR	49	93306-00609	BEARING	1
	6J8-44150-10	SHIFT CAM ASSY (Long)	1 UR	50	664-45577-01-10	SHIM (T:0.10MM)	1 UR
16	682-44147-00	.BOOT, shift rod	1		664-45577-01-12	SHIM (T:0.12MM)	1 UR
17	95380-06700	NUT	1		664-45577-01-15	SHIM (T:0.15MM)	1 UR
18	6J8-44311-00	HOUSING, water pump	1		664-45577-01-18	SHIM (T:0.18MM)	1 UR
19	663-44322-00	INSERT, cartridge	1		664-45577-01-30	SHIM (T:0.30MM)	1 UR
20	6H4-44352-01	IMPELLER	1		664-45577-01-40	SHIM (T:0.40MM)	1 UR
21	663-44315-00	GASKET, water pump	1		664-45577-01-50	SHIM (T:0.50MM)	1 UR
22	663-44366-00	DAMPER, water seal	1	51	664-45576-00	WASHER, thrust	1
23	90280-03024	KEY, woodruff	1	52	93210-60M17	O-RING	1
24	663-44341-00-94	HOUSING, water pump	1	53	93315-22004	BEARING, cylindrical	1
25	93101-23070	OIL SEAL	2	54	93101-20M07	OIL SEAL	2
26	93210-41042	O-RING	1	55	90214-45M02	WASHER, claw	1
27	663-44316-00	GASKET, water pump	1	56	664-45384-00	NUT	1
28	663-44323-00	OUTER PLATE, cartridge	1	57	90282-04010	KEY, straight	1
29	663-44324-00	GASKET, cartridge	1				
30	93604-08062	PIN, dowel	2				
31	97395-08050	BOLT	2				

Fig. 16 LOWER CASING. DRIVE 2

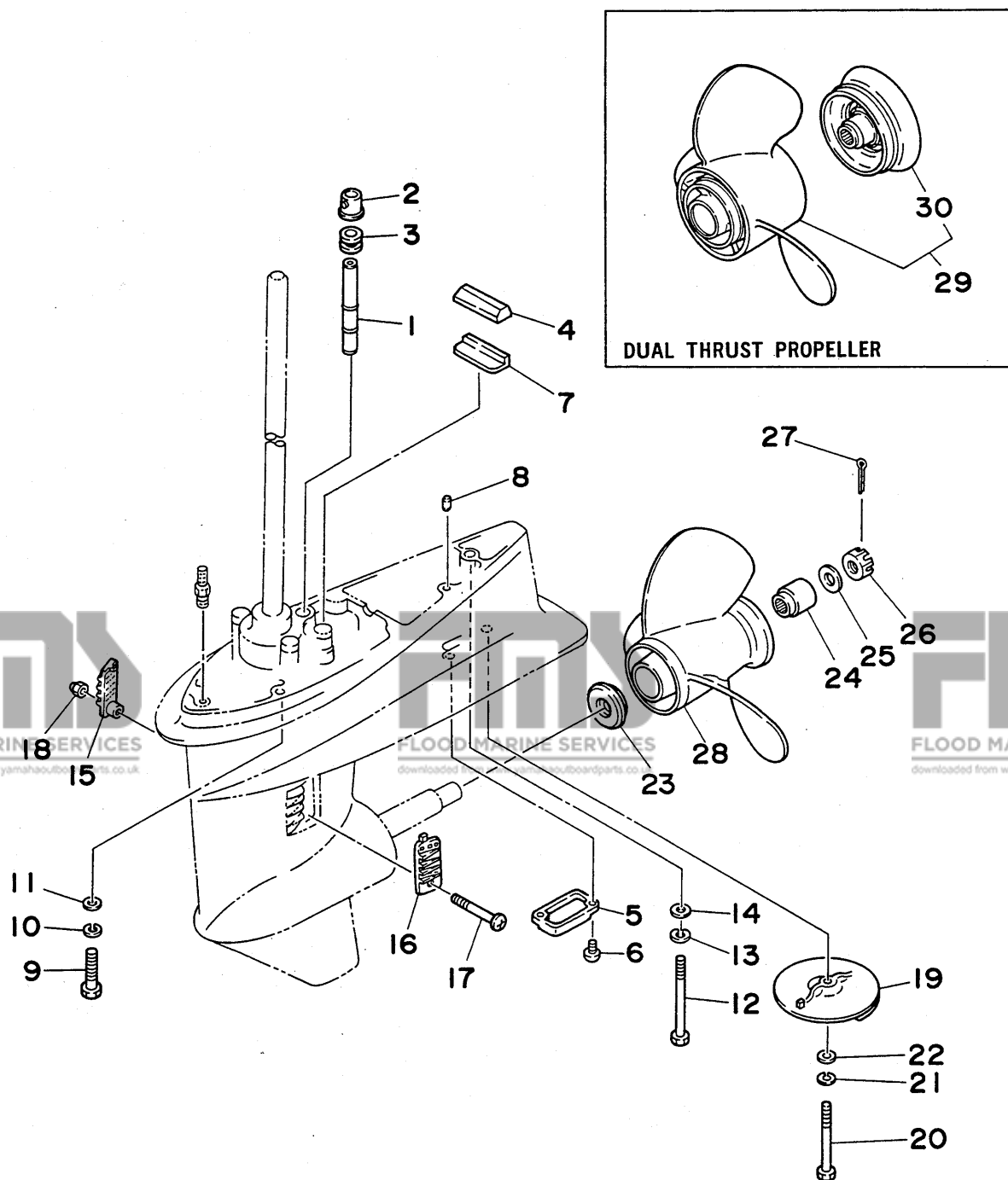


Fig. 16 LOWER CASING. DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-44361-00	TUBE, water (Short)	1 UR	20	97395-08020	BOLT	1
	6J8-44361-10	TUBE, water (Long)	1 UR	21	92990-08100	WASHER, spring	1
2	6J8-44366-00	DAMPER, water seal	1	22	92990-08600	WASHER, plate	1
3	663-44367-00	DAMPER, water seal	1	23	664-45987-00	SPACER	1
4	688-45375-00	DAMPER, seal	1	24	689-45997-00	SPACER	1
5	6J8-45224-10	COVER, water inlet 3	1	25	92990-14200	WASHER, plain	1
6	92580-06012	SCREW, pan head	2	26	90171-14013	NUT, castle	1
7	663-45376-00-94	GUIDE, seal damper	1	27	91490-30025	PIN, cotter	1
8	93606-12019	PIN, dowel	2	28	664-45943-01-EL	PROPELLER (3X9-7/8"X8"-F)	1 UR
9	97375-10040	BOLT	4		664-45941-01-EL	PROPELLER (3X9-7/8"X9"-F)	1 UR
10	92990-10100	WASHER, spring	4		664-45945-00-EL	PROPELLER (3X9-7/8"X10-1/2"-F)	1 UR
11	92990-10600	WASHER, plate	4		664-45947-01-EL	PROPELLER (3X9-7/8"X11-1/4"-F)	1 UR
12	97395-08085	BOLT	1		664-45954-00-EL	PROPELLER (3X9-7/8"X12"-F)	1 UR
13	92990-08100	WASHER, spring	1		664-45949-02-EL	PROPELLER (3X9-7/8"X13"-F)	1 UR
14	92990-08600	WASHER, plate	1		664-45952-00-EL	PROPELLER (3X9-7/8"X14"-F)	1 UR
15	689-45214-01	COVER, water inlet	1			STAINLESS STEEL PROPELLER	
16	6J8-45215-00	COVER, water inlet	1		664-45970-00-98	PROPELLER (3X9-1/8"X13"-F)	1 UR
17	98680-05525	SCREW, oval head	1			DUAL THRUST PROPELLER	
18	90185-05002	NUT, self-locking	1	29	6J8-W4591-00-EL	PROPELLER (3X10-5/8"X8-1/4"-F)	1 UR
19	664-45371-01	TAB-TRIM	1	30	6J8-45986-10-98	.RING, deflector	1

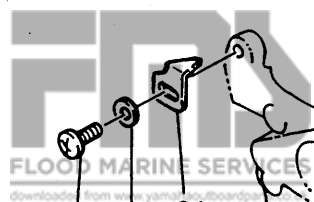


Fig. 17 MAGNETO

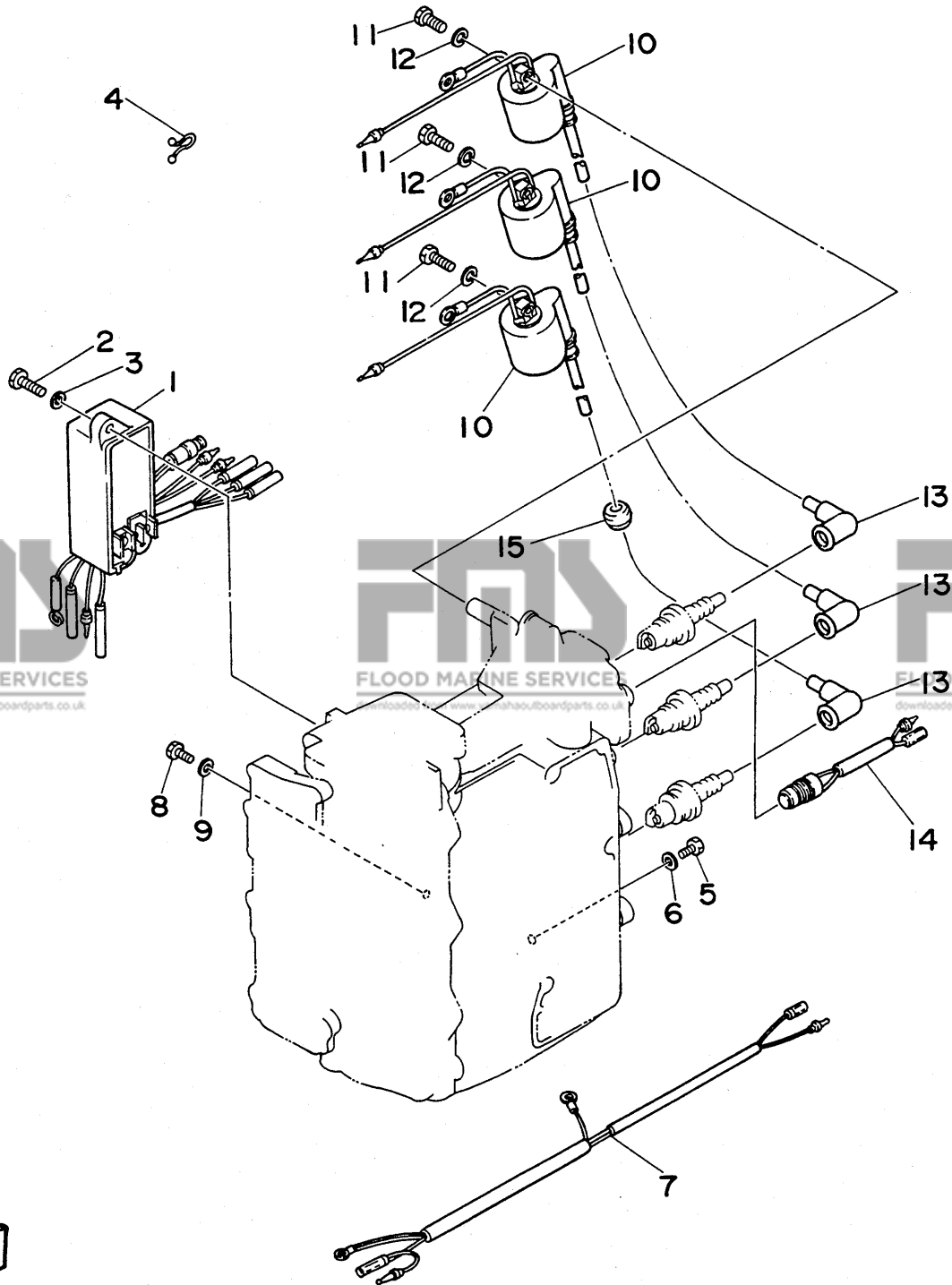
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-85550-F0	ROTOR ASSY	1	13	90201-16M44	WASHER, plate	1
2	6H4-85510-F0	STATOR ASSY	1	14	6H4-41611-10	RETAINER, magneto base	1
3	6H4-85520-00	.COIL, charge	1	15	6J8-41615-00	STOPPER, magneto base	2
4	97802-06020	.SCREW, pan head	2	16	6J8-41618-00	WASHER, magneto	1
5	92990-06100	.WASHER, spring	2	17	92580-06012	SCREW, pan head	2
6	6H4-85548-00	.HOLDER	1	18	6J8-85548-00	HOLDER	1
7	98501-05008	.SCREW, pan head	1	19	90101-06M00	BOLT	2
8	92990-05100	.WASHER, spring	1	20	90387-06M76	COLLAR	2
9	6H4-85533-A0	COIL, lighting	1	21	6J8-81332-00	PLATE, timing	1
10	663-85518-00	JOINT, ball	1	22	98580-05010	SCREW, pan head	1
11	90280-05013	KEY, woodruff	1	23	92990-05600	WASHER, plate	1
12	90179-16M05	NUT	1				

Fig. 18 ELECTRICAL 1

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Fig. 18 ELECTRICAL 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-85540-H0	C.D.I. UNIT ASSY	1	9	92990-06600	WASHER, plate	1
2	97313-06025	BOLT	2	10	6J8-85570-20	IGNITION COIL ASSY	3
3	92990-06600	WASHER, plate	2	11	97313-06020	BOLT	6
4	90464-16039	CLAMP	1	12	92990-06100	WASHER, spring	6
5	97313-06012	BOLT	1	13	6G1-82370-20	PLUG CAP ASSY	3
6	92990-06600	WASHER, plate	1	14	689-82560-00	THERMO SWITCH ASSY	1
7	6J8-82531-00	WIRE, lead	1	15	90480-25161	GROMMET	1
8	97313-06012	BOLT	1				

Fig. 19 ALTERNATE 1 (25JEO/30DEO MODEL)

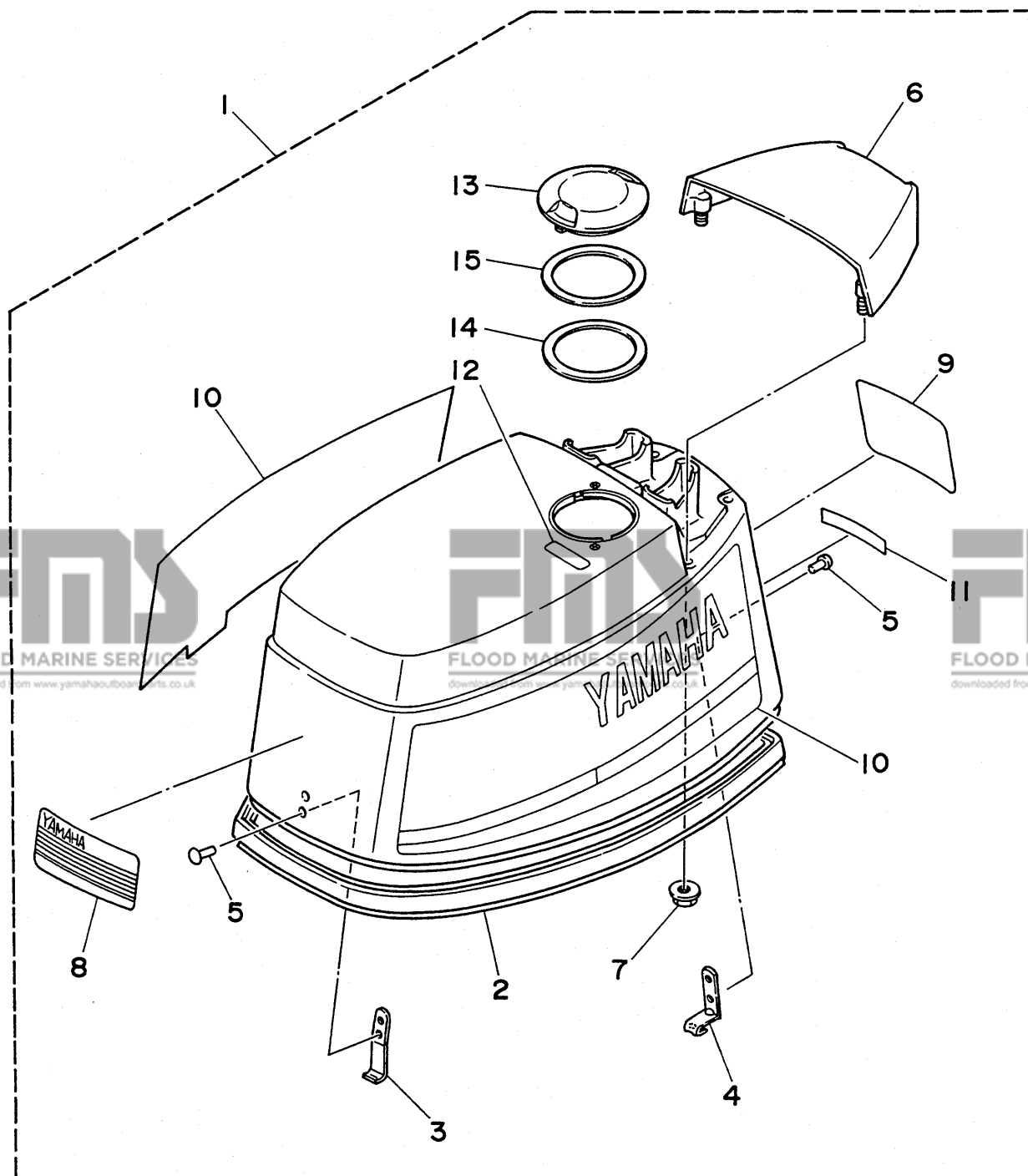


Fig. 19 ALTERNATE 1 (25JE0/30DE0 MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-42610-E1-EJ	TOP COWLING ASSY (30DE0 Model)	1 UR	9	6J8-42678-00	.GRAPHIC, rear (30DE0 Model)	1 UR
	6K9-42610-E1-EJ	TOP COWLING ASSY (25JE0 Model)	1 UR		6K9-42678-00	.GRAPHIC, rear (25JE0 Model)	1 UR
2	6J8-42615-00	.SEAL	1	10	6J8-W0070-E0	.GRAPHIC SET	1
3	6J8-42651-02	.HOOK	1	11	6G1-42683-00	.MARK, cowling	1
4	6J8-42652-00	.HOOK	1	12	6J8-13436-00	.MARK	1
5	90266-04M00	.RIVET	4	13	6J8-2177H-00	.DISK CAP 2	1
6	6J8-42613-10-EJ	.MOLDING, air duct	1	14	6J8-21732-00	.SEAL 1	1
7	90179-06M12	.NUT	4	15	6J8-21735-00	.SEAL 2	1
8	6J8-42677-00	.GRAPHIC, front	1				

Fig. 20 ALTERNATE 2 (25JEO/30DEO MODEL)

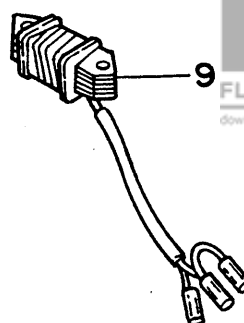
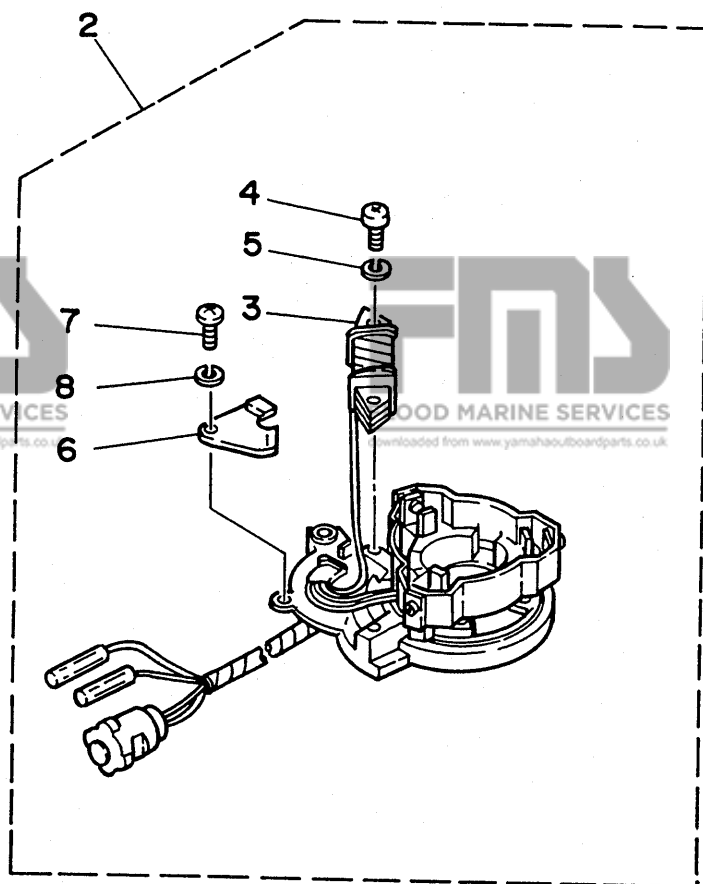
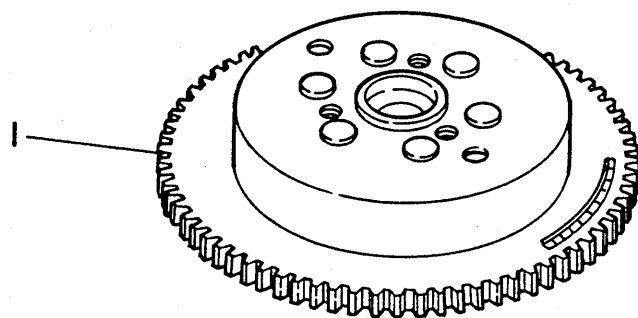


Fig. 20 ALTERNATE 2 (25JE0/30DE0 MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-85550-A0	ROTOR ASSY	1	6	6H4-85548-00	.HOLDER	1
2	6H4-85510-F0	STATOR ASSY	1	7	98501-05008	.SCREW, pan head	1
3	6H4-85520-00	.COIL, charge	1	8	92990-05100	.WASHER, spring	1
4	97802-06020	.SCREW, pan head	2	9	6H4-85533-A0	COIL, lighting	1
5	92990-06100	.WASHER, spring	2				

Fig. 21 ALTERNATE 3 (25JEO/30DEO MODEL)

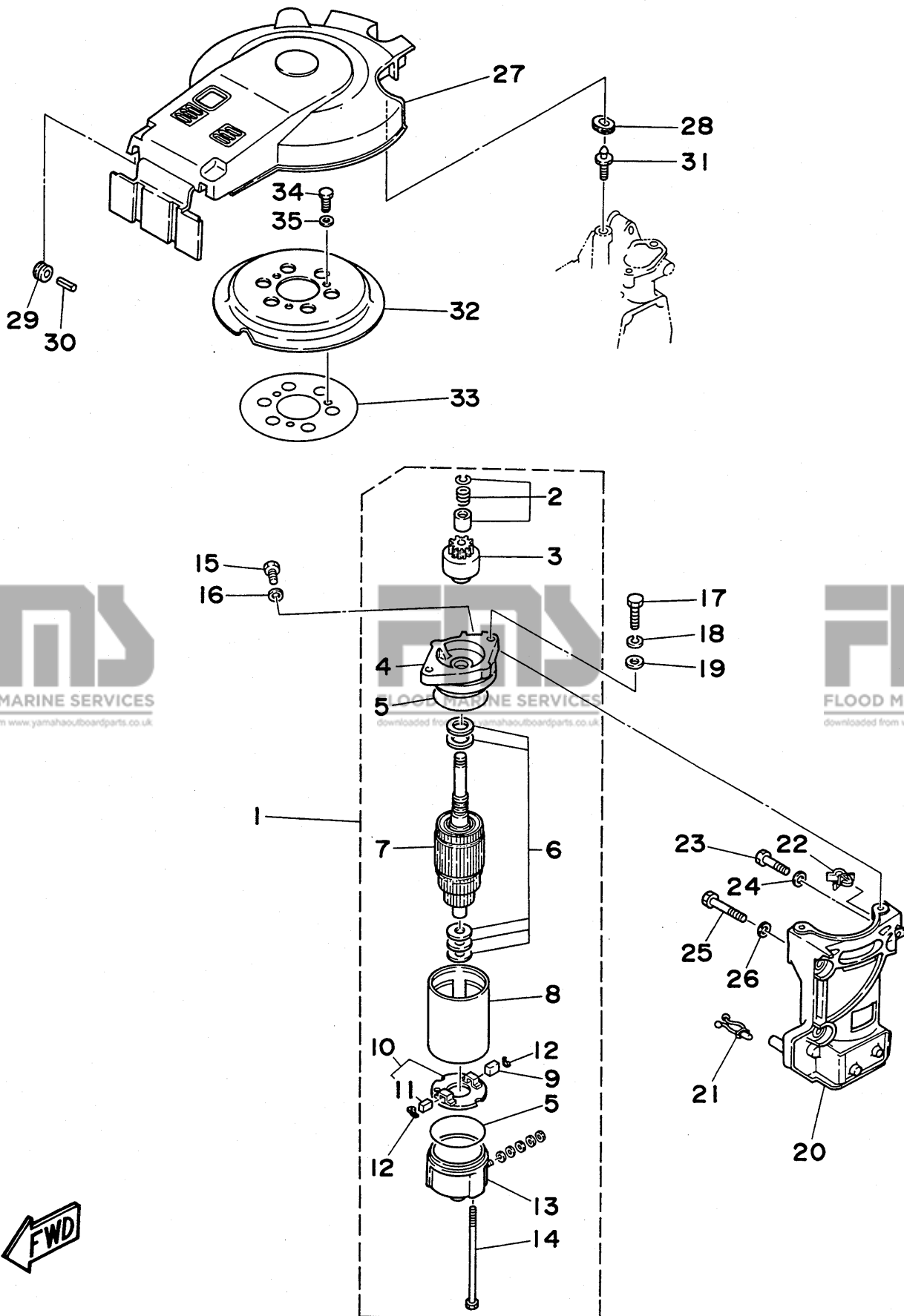


Fig. 21 ALTERNATE 3 (25JE0/30DE0 MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6F5-81800-10	STARTING MOTOR ASSY	1	19	92990-08600	WASHER, plate	2
2	689-81857-11	.RETAINER	1	20	6J8-81822-00-94	BRACKET, starting motor	1
3	689-81807-12	.GEAR ASSY, starting motor	1	21	90464-12M09	CLAMP	2
4	6F5-81830-11	.FRONT BRACKET ASSY	1	22	90464-03M15	CLAMP	1
5	689-81844-11	.GASKET	2	23	97313-08035	BOLT	2
6	689-81809-11	.WASHER KIT	1	24	92990-08600	WASHER, plate	2
7	689-81850-11	.ARMATURE ASSY	1	25	97313-08055	BOLT	1
8	689-81810-11	.STATOR ASSY	1	26	92990-08600	WASHER, plate	1
9	689-81811-11	.BRUSH 1	1	27	6J8-81337-10	COVER, flywheel	1
10	689-81840-11	.BRUSH HOLDER ASSY	1	28	90480-14M17	GROMMET	1
11	689-81812-11	..BRUSH 2	1	29	90480-10M16	GROMMET	2
12	689-81813-10	.SPRING, brush	2	30	91690-50022	PIN, spring	2
13	689-81820-11	.REAR BRACKET ASSY	1	31	6J8-81338-00	STAY	1
14	689-81826-10	.BOLT	2	32	6J8-15723-E0	PULLEY, starter	1
15	97313-08016	BOLT	1	33	6J8-81365-00	GASKET, hole cover	1
16	92990-08600	WASHER, plate	1	34	97321-08014	BOLT	3
17	97313-08030	BOLT	2	35	92990-08600	WASHER, plate	3
18	92990-08100	WASHER, spring	2				

Fig. 22 ALTERNATE 4 (25JEO/30DEO MODEL)

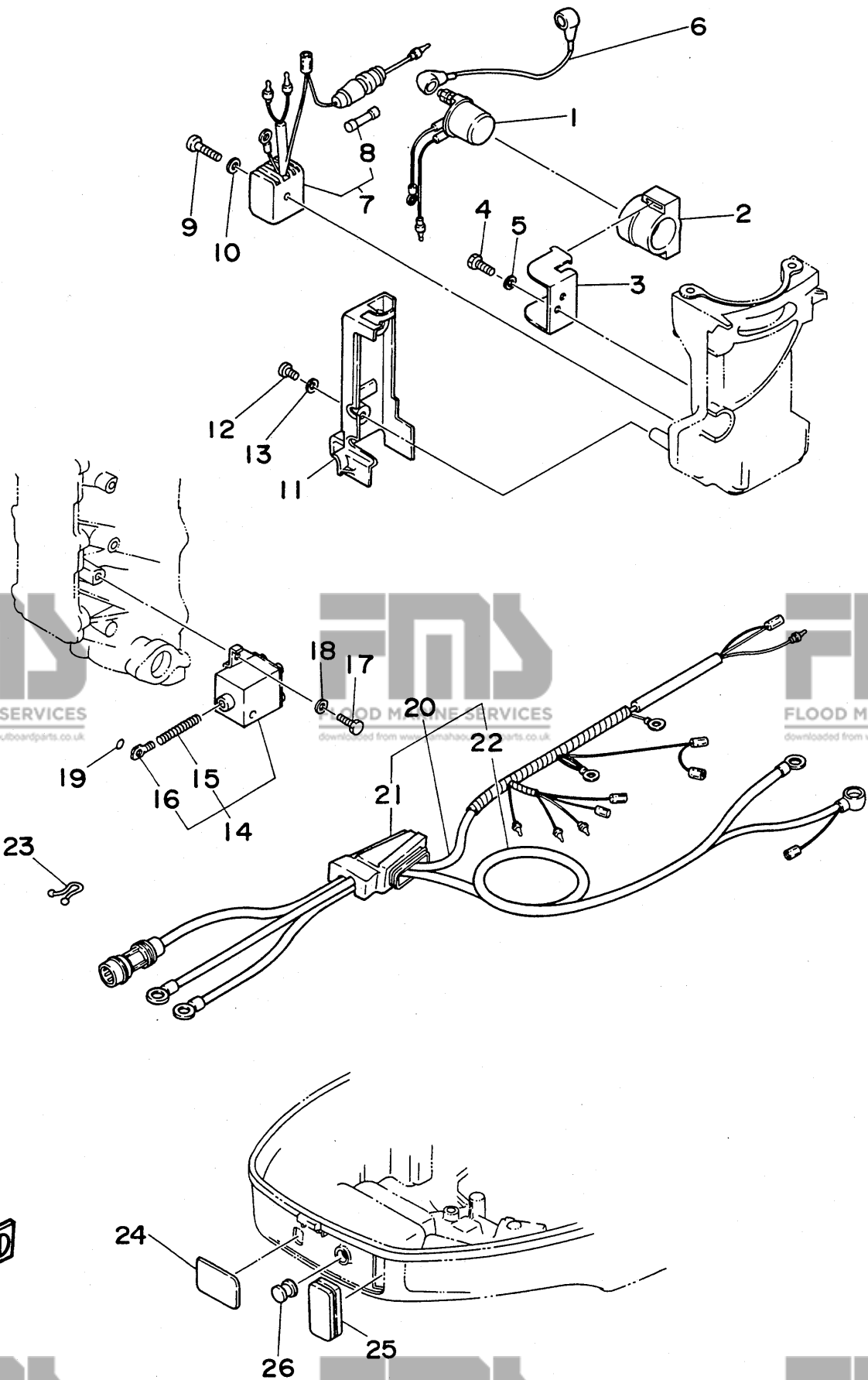
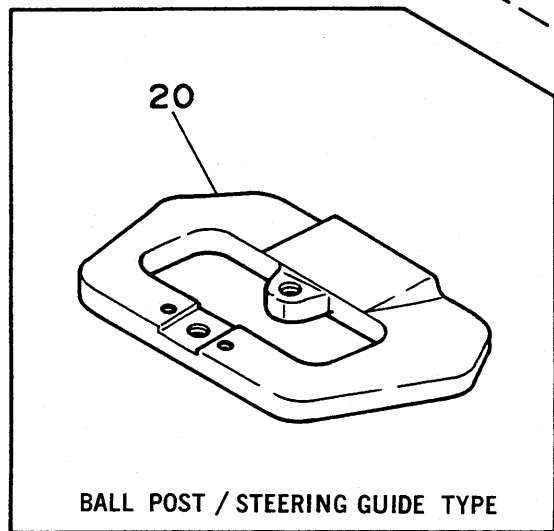
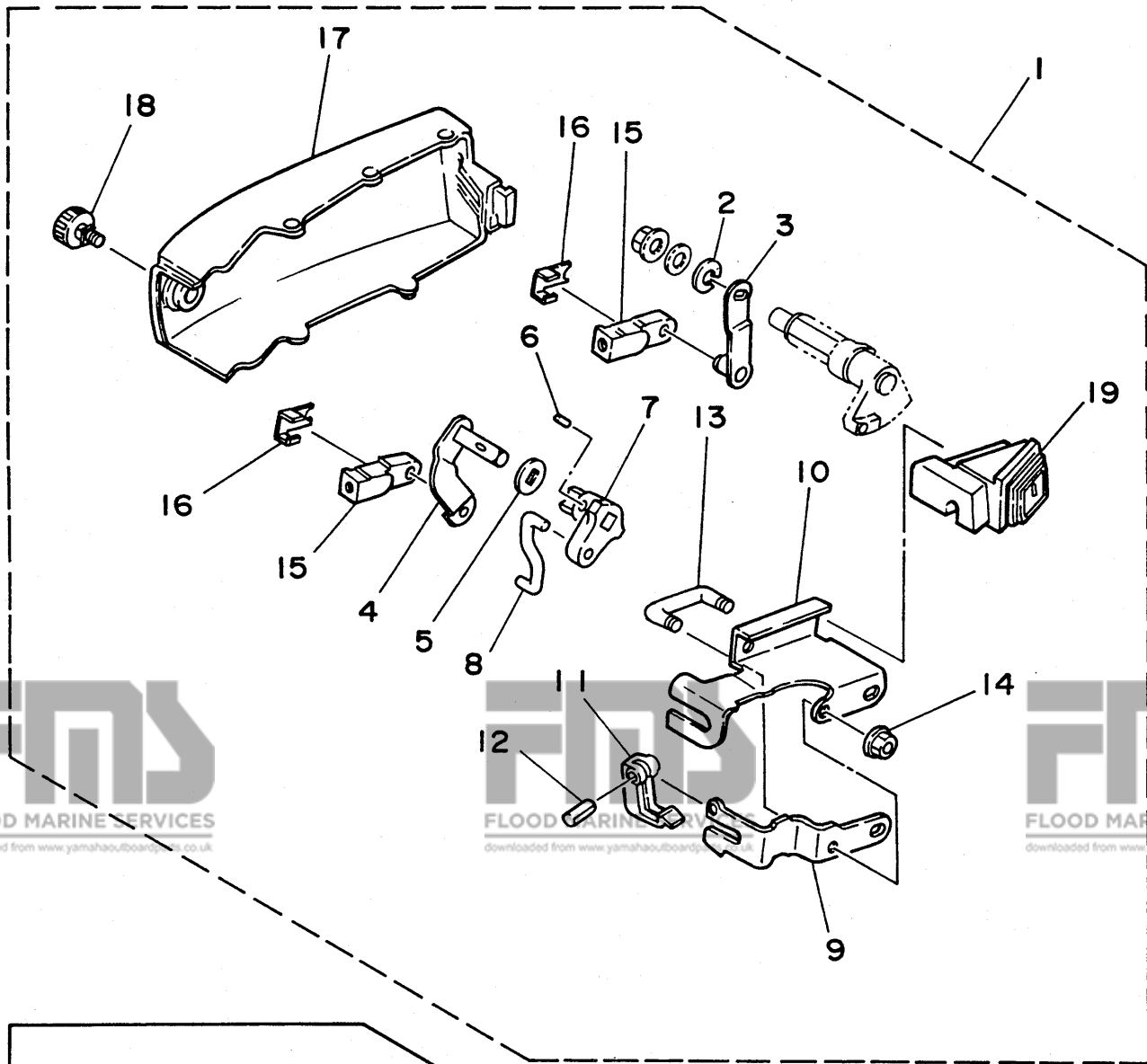


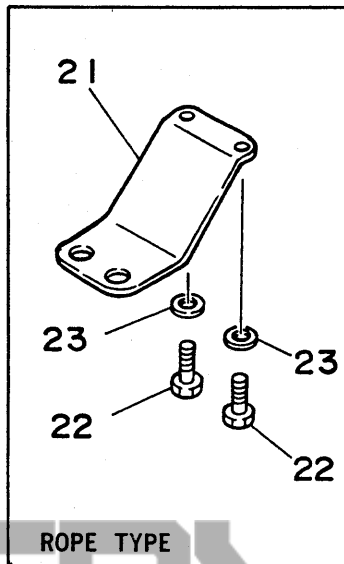
Fig. 22 ALTERNATE 4 (25JE0/30DE0 MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G1-81941-10	STARTER RELAY ASSY	1	14	6J8-86110-00	SOLENOID	1
2	6G1-81952-00	HOLDER, relay	1	15	6J8-86116-00	.WIRE, pull	1
3	6J8-81945-00	PLATE, switch fitting	1	16	682-86117-00	.HOOK, wire pull	1
4	97313-06016	BOLT	1	17	97313-06016	BOLT	2
5	92990-06600	WASHER, plate	1	18	92990-06600	WASHER, plate	2
6	6F5-82117-00	WIRE, lead	1	19	93210-03261	O-RING	1
7	6G1-81970-60	RECTIFIER ASSY	1	20	6J8-82580-00	WIRE HARNESS ASSY 2	1
8	6G1-82151-00	.FUSE	1	21	6J8-42724-50	.GROMMET	1
9	98503-05025	SCREW, pan head	1	22	689-82105-12	.WIRE HARNESS	1
10	92990-05600	WASHER, plate	1	23	90464-05M16	CLAMP	1
11	6J8-81916-00	COVER, terminal	1	24	6J8-42726-20	GROMMET	1
12	98580-05010	SCREW, pan head	2	25	6J8-42726-10	GROMMET	1
13	92990-05600	WASHER, plate	2	26	6H4-42725-00	GROMMET	1

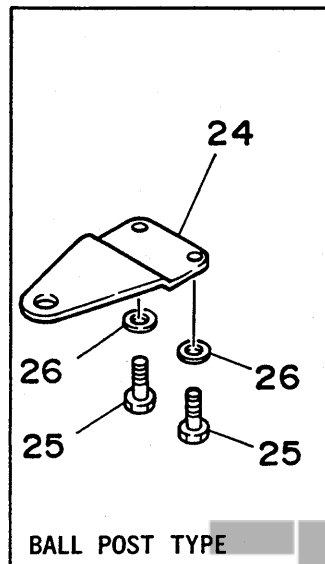
Fig. 23 REMO-CON ATTACHMENT



BALL POST / STEERING GUIDE TYPE



ROPE TYPE



BALL POST TYPE



Fig. 23 REMO-CON ATTACHMENT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-48501-02-EJ	REMOTE CONT. ATTACHMENT ASSY	1	15	6G8-26363-00	.END, cable	2
2	92990-08100	.WASHER, spring	1	16	6G8-26364-00	.END, cable 2	2
3	6J8-48534-00	.THROTTLE LEVER, control	1	17	6J8-42723-20	.COVER, bottom	1
4	6J8-48544-01	.LEVER, shiftcontrol	1	18	6J8-42846-00	.SCREW	1
5	6J8-44177-00	.WASHER	1	19	6J8-42724-10	.GROMMET	1
6	91690-30316	.PIN, spring	1	20	6J8-48511-00-EJ	HOOK, steering (Ball Post/Steering Guide Type)	1
7	6J8-44173-02	.LEVER, shift control	1	21	6G8-48511-00	HOOK, steering (Rope Type)	1
8	6J8-42169-01	.JOINT	1	22	97395-06016	BOLT	2
9	6J8-48531-00	.BRACKET, remote control 1	1	23	92990-06600	WASHER, plate	2
10	6J8-48532-00	.BRACKET, remote control 2	1	24	6G8-48511-10	HOOK, steering (Ball Post Type)	1
11	682-48538-50	.CLAMP, cable 1	1	25	97395-06016	BOLT	2
12	91690-30012	.PIN, spring	1	26	92990-06600	WASHER, plate	2
13	90109-06M29	.BOLT	1				
14	90179-06M12	.NUT	2				

Fig. 24 REPAIR KIT I

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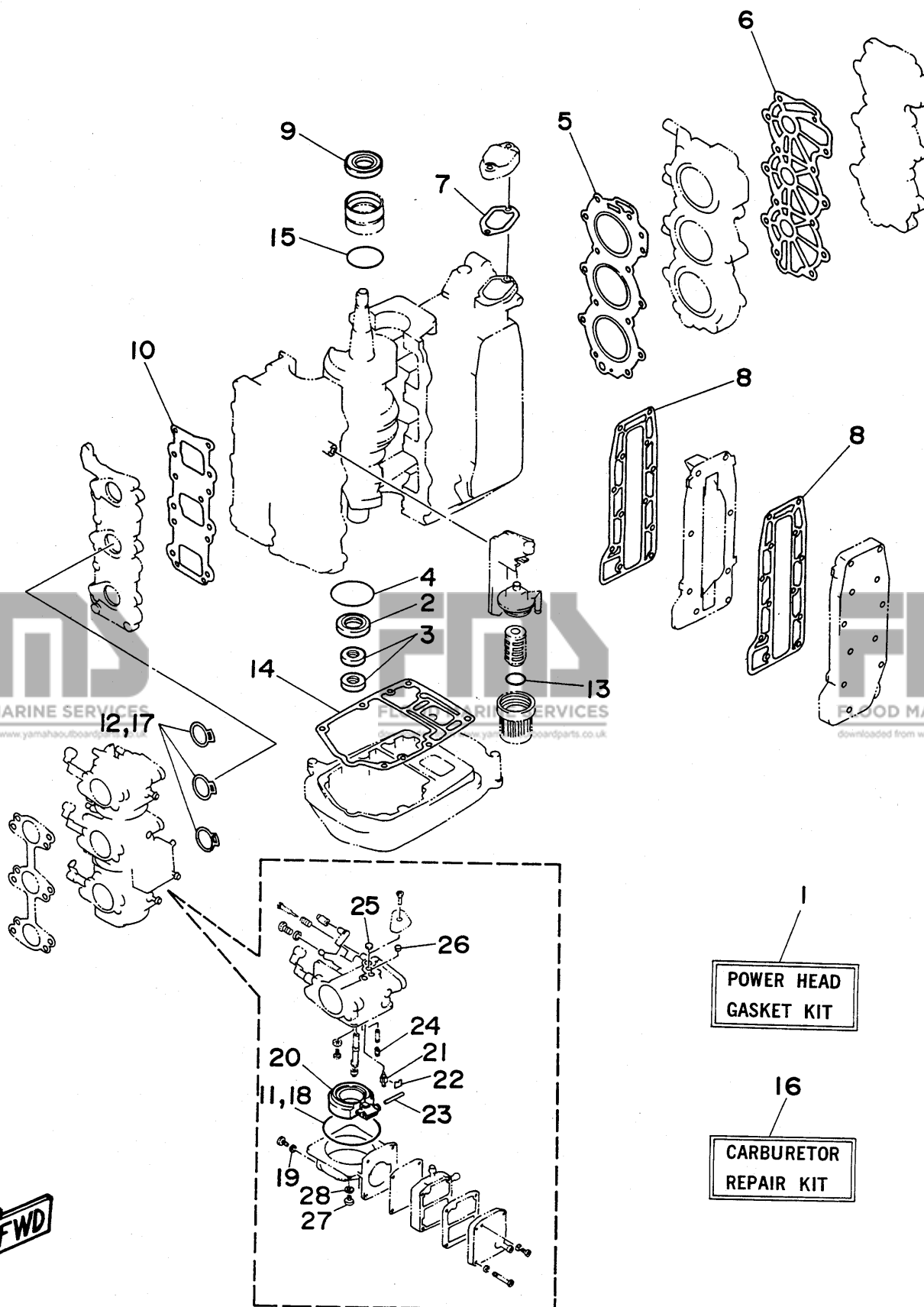


Fig. 24 REPAIR KIT 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-W0001-00	POWER HEAD GASKET KIT	1	15	93210-42159	.O-RING	1
2	93101-25M28	.OIL SEAL	1	16	6J8-W0093-00	CARBURETOR REPAIR KIT	1
3	93104-16M04	.OIL SEAL	2	17	6J8-14198-00	.GASKET	3
4	93210-56M80	.O-RING	1	18	6J8-14984-00	.GASKET, float chamber	3
5	6J8-11181-00	.GASKET, cylinder head 1	1	19	6J8-14995-00	.GASKET	3
6	6J8-11193-00	.GASKET, head cover 1	1	20	6J8-14985-00	.FLOAT	3
7	6H4-12414-00	.GASKET, cover	1	21	6J8-14546-00	.VALVE, needle	3
8	6J8-41114-00	.GASKET, exhaust outer cover	2	22	6J8-14159-00	.CLIP	3
9	93102-26M27	.OIL SEAL	1	23	6J8-14548-00	.PIN, float arm	3
10	6J8-13621-00	.GASKET, valve seat	1	24	6J8-14966-00	.PLUG	3
11	6J8-14984-00	.GASKET, float chamber	3	25	6J8-14126-00	.PLUG	3
12	6J8-14198-00	.GASKET	3	26	6J8-14118-00	.PLUG	3
13	93210-37M25	.O-RING	1	27	98580-04012	.SCREW, pan head	3
14	6J8-45113-00	.GASKET, upper casing	1	28	92903-04100	.WASHER, spring	3

Fig. 25 REPAIR KIT 2

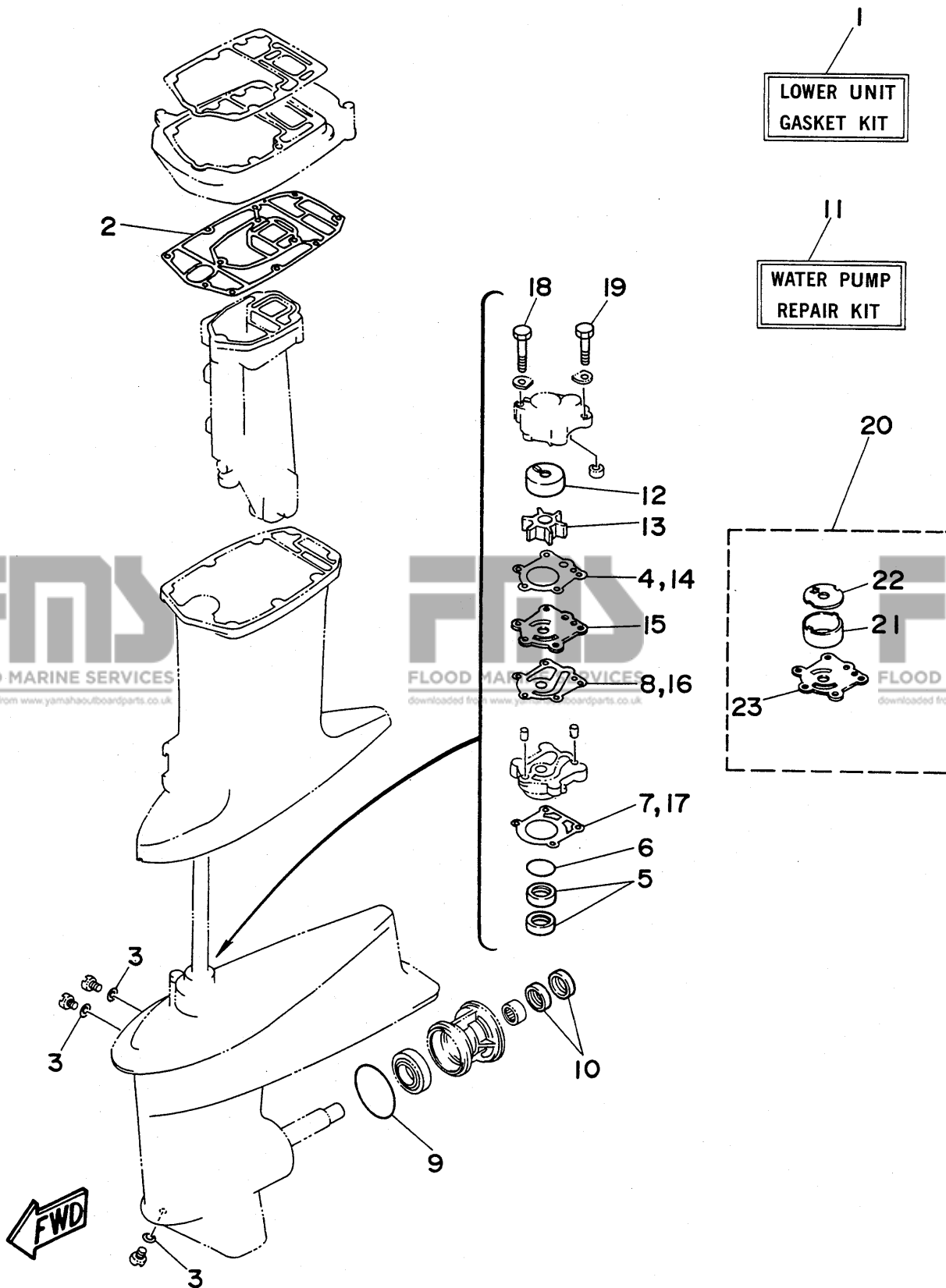


Fig. 25 REPAIR KIT 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-W0001-21	LOWER UNIT GASKET KIT	1	13	6H4-44352-00	.IMPELLER	1
2	6J8-45114-01	.GASKET, upper casing	1	14	663-44315-00	.GASKET, water pump	1
3	90430-08020	.GASKET	2	15	663-44323-00	.OUTER PLATE, cartridge	1
4	663-44315-00	.GASKET, water pump	1	16	663-44324-00	.GASKET, cartridge	1
5	93101-23070	.OIL SEAL	2	17	663-44316-00	.GASKET, water pump	1
6	93210-41042	.O-RING	1	18	97395-08050	.BOLT	2
7	663-44316-00	.GASKET, water pump	1	19	97395-08040	.BOLT	2
8	663-44324-00	.GASKET, cartridge	1	20	6H4-W0078-0A	CHROME PUMP KIT	1
9	93210-60M17	.O-RING	1	21	670-44322-01	.INSERT, cartridge	1
10	93101-20M07	.OIL SEAL	2	22	670-44321-00	.INNER PLATE, cartridge	1
11	6J8-W0078-00	WATER PUMP REPAIR KIT	1	23	670-44323-00	.OUTER PLATE, cartridge	1
12	663-44322-00	.INSERT, cartridge	1				



40H

40H (6H4)



CONTENTS

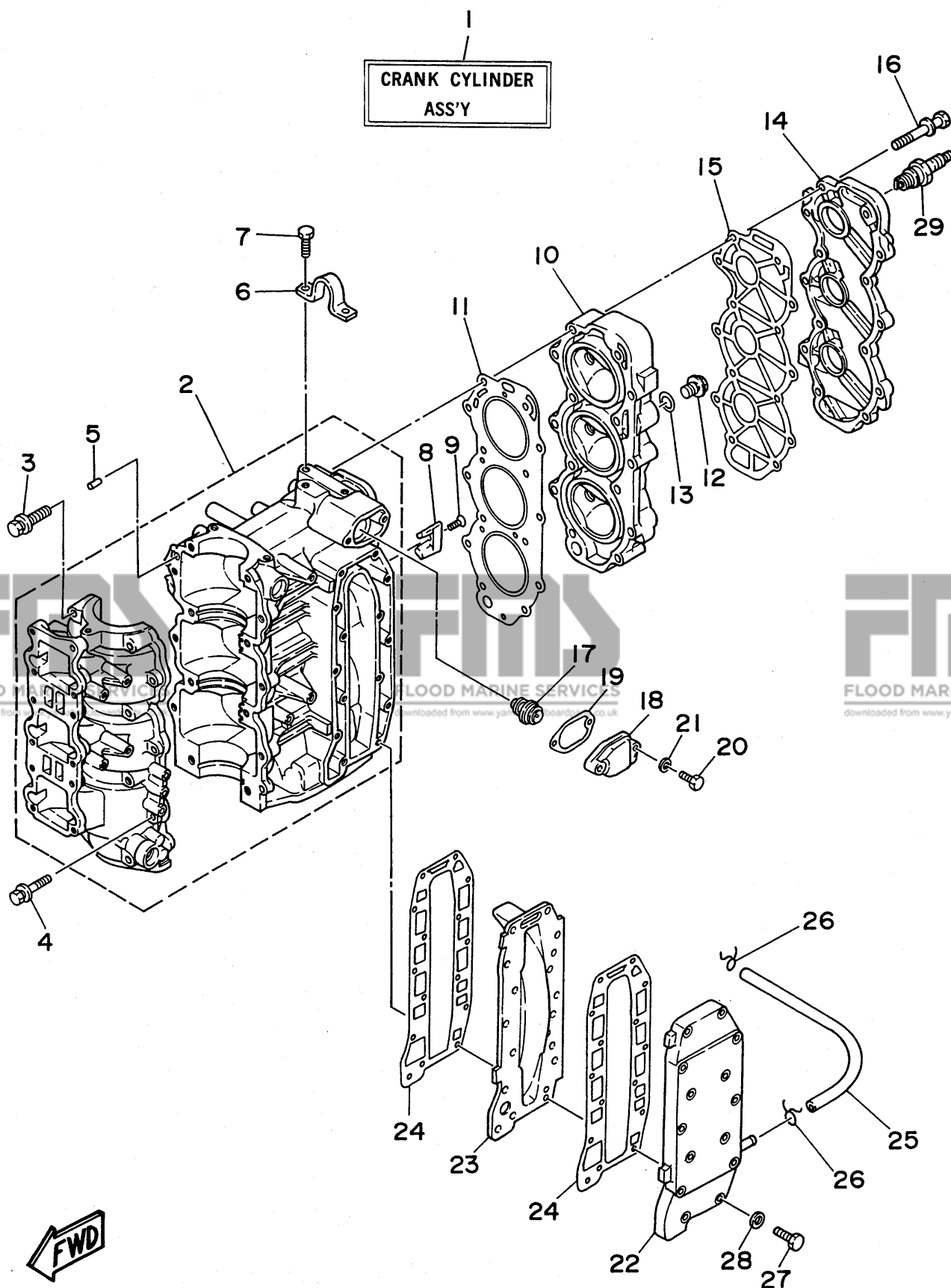
Fig. 1	CYLINDER. CRANKCASE	62
Fig. 2	CRANKSHAFT. PISTON	64
Fig. 3	INTAKE	66
Fig. 4	CARBURETOR	68
Fig. 5	OIL PUMP	70
Fig. 6	STARTER	72
Fig. 7	FUEL	74
Fig. 8	TOP COWLING	76
Fig. 9	BOTTOM COWLING	78
Fig. 10	BRACKET 1	80
Fig. 11	BRACKET 2	82
Fig. 12	STEERING	84
Fig. 13	CONTROL	86
Fig. 14	UPPER CASING	88
Fig. 15	LOWER CASING. DRIVE 1	90
Fig. 16	LOWER CASING. DRIVE 2	92
Fig. 17	MAGNETO	94
Fig. 18	ELECTRICAL	96
Fig. 19	ALTERNATE 1 (40HEO/40HEPO MODEL)	98
Fig. 20	ALTERNATE 2 (40HEO/40HEPO MODEL)	100
Fig. 21	ALTERNATE 3 (40HEPO MODEL)	102
Fig. 22	ALTERNATE 4 (40HEPO MODEL)	104
Fig. 23	ALTERNATE 5 (40HEO/40HEPO MODEL)	106
Fig. 24	ALTERNATE 6 (40HEO/40HEPO MODEL)	108
Fig. 25	ALTERNATE 7 (40HEO/40HEPO MODEL)	110
Fig. 26	REPAIR KIT 1	112
Fig. 27	REPAIR KIT 2	114

Fig. 1 CYLINDER. CRANKCASE

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Fig. 1 CYLINDER. CRANKCASE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-W0090-13-EJ	CRANK CYLINDER ASSY (Ref. No. 2 to 28 and Fig. 2, Ref. No. 1 to 20)	1	15	6H4-11193-00	GASKET, head cover 1	1
2	6H4-15100-10-94	CRANKCASE ASSY	1	16	90119-08M29	BOLT, with washer	14
3	90119-08M19	BOLT, with washer	8	17	6E5-12411-10	THERMOSTAT	1
4	90119-06M13	BOLT, with washer	6	18	6H4-12413-00-9M	COVER, thermostat	1
5	93606-12019	PIN, dowel	2	19	6H4-12414-00	GASKET, cover	1
6	6H4-11119-00	HANGER, engine	1	20	97313-06025	BOLT	2
7	97313-06014	BOLT	2	21	92990-06600	WASHER, plate	2
8	688-11325-00	ANODE	2	22	6H4-41113-00-9M	OUTER COVER, exhaust	1
9	98680-04016	SCREW, oval head	2	23	6H4-41111-00-9M	INNER COVER, exhaust	1
10	6H4-11111-00-94	HEAD, cylinder 1	1	24	6H4-41114-00	GASKET, exhaust outer cover	2
11	6H4-11181-00	GASKET, cylinder head 1	1	25	90445-09M37	HOSE	1
12	90340-14M00	PLUG, straight screw	1	26	90467-08004	CLIP	2
13	90430-14115	GASKET	1	27	97013-06035	BOLT	14
14	6H4-11191-00-9M	COVER, cylinder head 1	1	28	92990-06600	WASHER, plate	14
				29	94702-00271	PLUG, spark (NGK BR7HS 10)	3

Fig. 2 CRANKSHAFT. PISTON

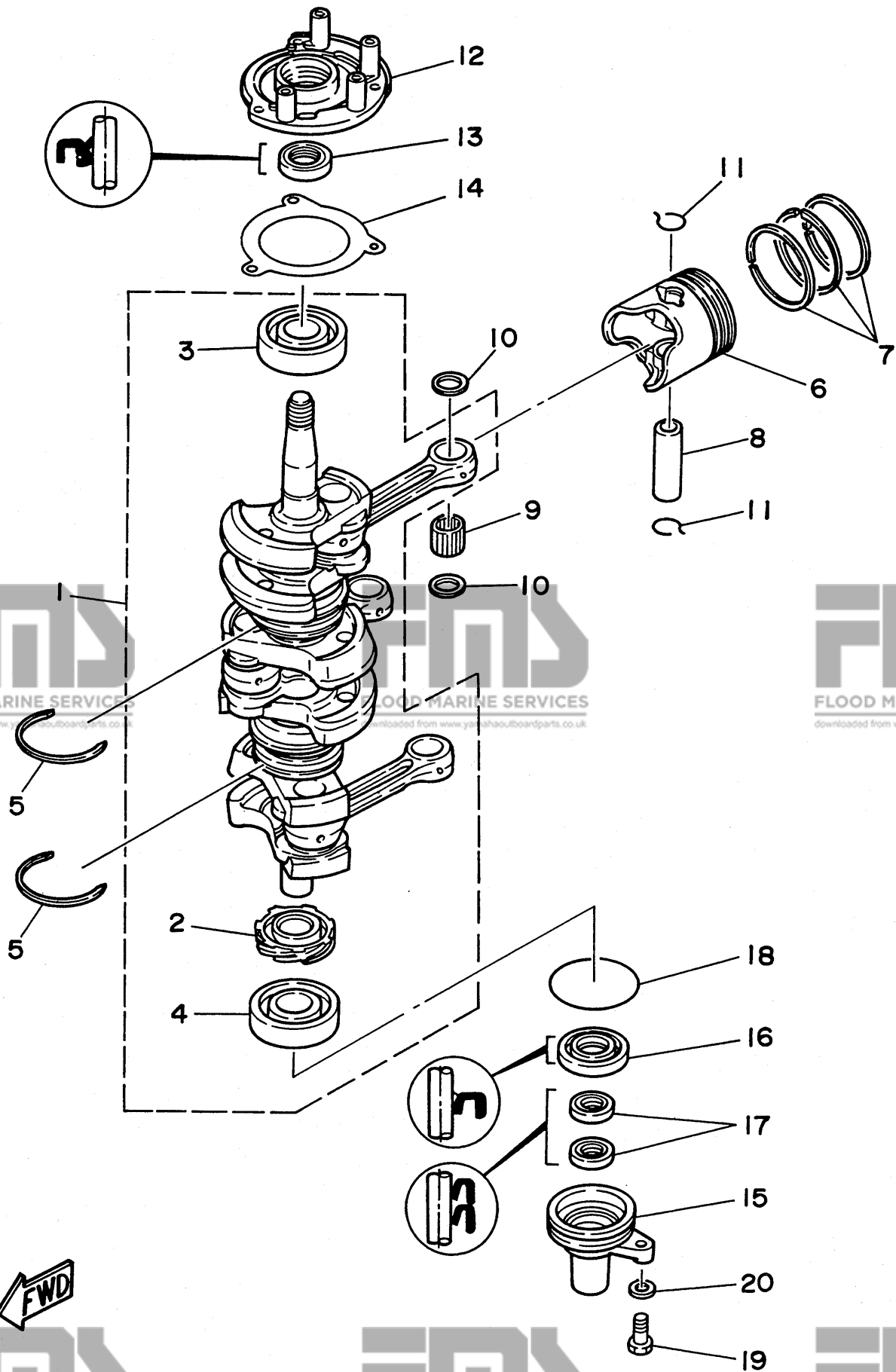


Fig. 2 CRANKSHAFT. PISTON

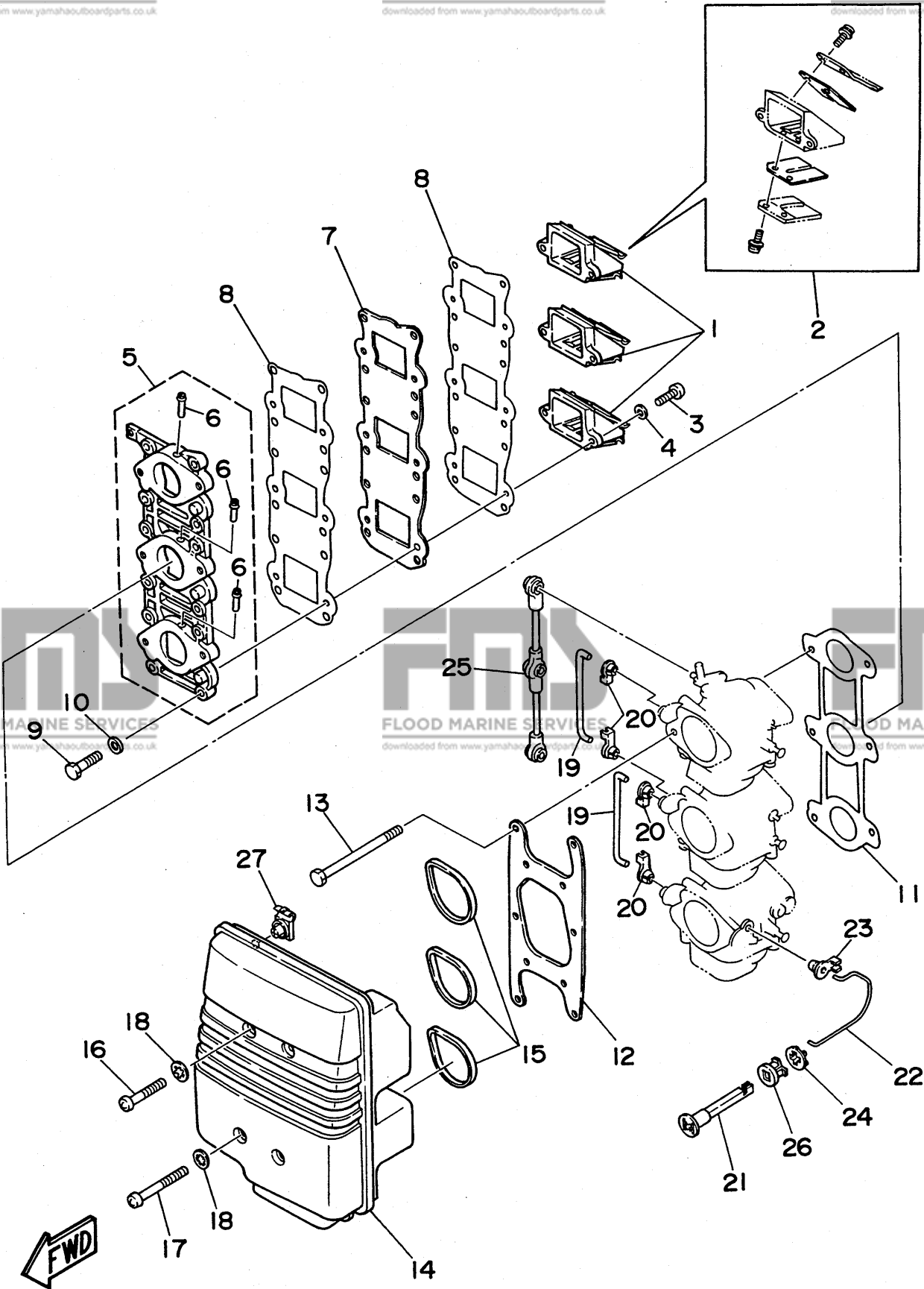
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-11400-13	CRANKSHAFT ASSY	1	9	93602-20M02	PIN, dowel	93
2	6H4-11536-00	.GEAR, drive	1	10	6H4-11641-00	WASHER, piston pin	6
3	93306-305U8	.BEARING	1	11	6H4-11634-01	CLIP, piston pin	6
4	93306-305U2	.BEARING	1	12	6H4-15359-02	HOUSING, oil seal	1
5	93440-62057	CIRCLIP	2	13	93102-23096	OIL SEAL	1
6	6H4-11631-00-96	PISTON (STD)	3	14	6H4-15369-00	GASKET, oil seal housing	1
	6H4-11635-00	PISTON (0.25MM O/S)	3 AP	15	6H4-15396-02-9M	HOUSING, oil seal	1
	6H4-11636-00	PISTON (0.50MM O/S)	3 AP	16	93102-25M28	OIL SEAL	1
7	6H4-11610-00	PISTON RING SET (STD)	3	17	93104-16M04	OIL SEAL	2
	6H4-11610-10	PISTON RING SET (1ST O/S)	3 AP	18	93210-57M09	O-RING	1
	6H4-11610-20	PISTON RING SET (2ND O/S)	3 AP	19	97313-06020	BOLT	1
8	648-11633-00	PIN, piston	3	20	92990-06600	WASHER, plate	1

Fig. 3 INTAKE

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Fig. 3 INTAKE

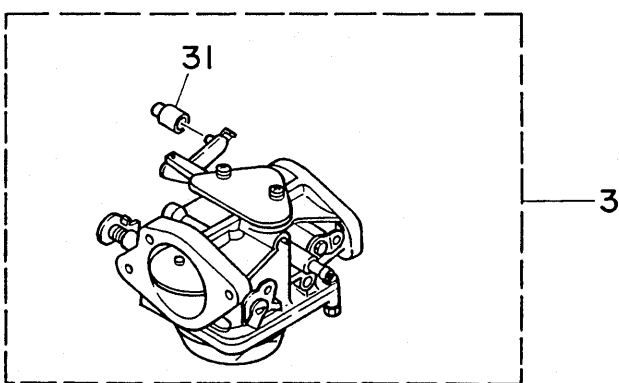
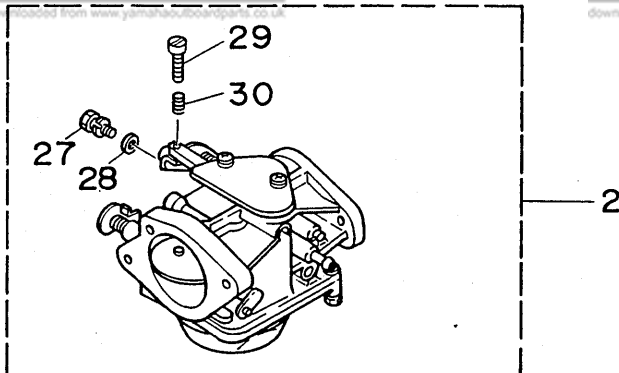
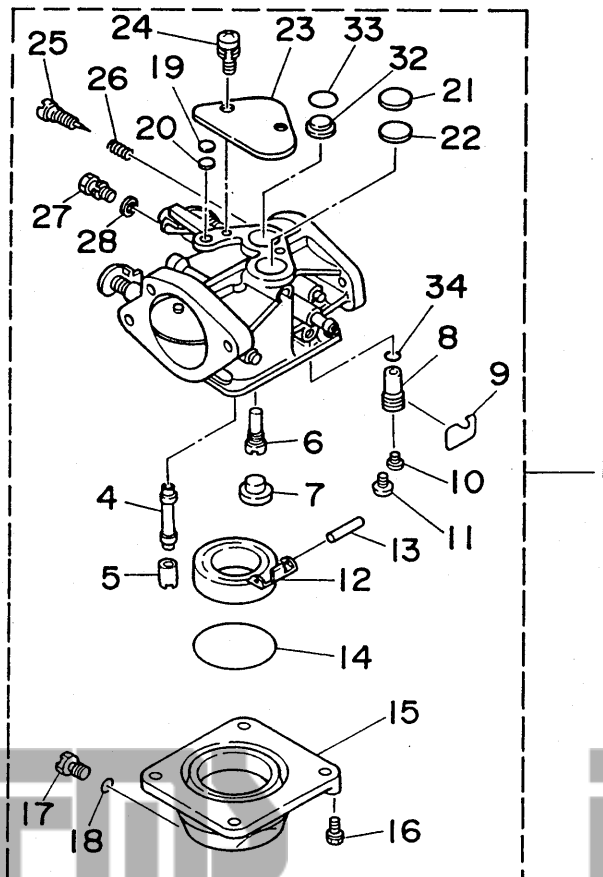
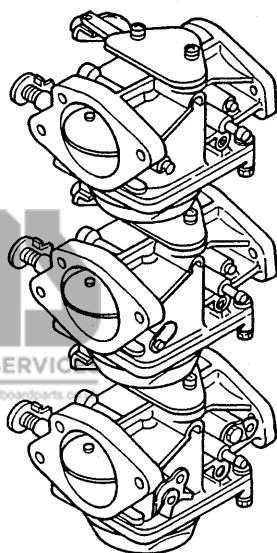
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-13610-00	REED VALVE ASSY	3	6H4-14431-11	SILENCER, intake 1 (40HMO/40HRO Model)	1 UR	
2	6H4-W0004-00	.REED SET	1	15	6H3-14457-01	SEAL	3
3	97803-05014	SCREW, pan head	6	16	92580-06040	SCREW, pan head	2
4	92990-05600	WASHER, plate	6	17	97803-06055	SCREW, pan head	2
5	6H4-13641-11-94	MANIFOLD 1	1	18	90209-06M05	WASHER	4
6	6H1-14485-00	.PIPE, joint	3	19	6H4-41257-00	ROD, choke 2	2
7	6H4-13624-00-94	PLATE, reed valve	1	20	661-41262-02	JOINT, choke lever	4
8	6H4-13621-00	GASKET, valve seat	2	21	6H4-41271-01	KNOB, choke	1
9	97313-06025	BOLT	12	22	6H4-41259-01	ROD, choke 3	1
10	92990-06600	WASHER, plate	12	23	6J8-41262-00	JOINT, choke lever	1
11	6H4-14198-00	GASKET	1	24	6J8-41274-00	GROMMET 2	1
12	6H4-14406-00	HINGE	1	25	6H4-41217-00	ROD, accel. lever	1
13	97313-06095	BOLT	6	26	689-41273-00	GROMMET	1
14	6H4-14431-01	SILENCER, intake 1 (40HE0/40HEP0 Model)	1 UR	27	90464-06M19	CLAMP (40HMO/40HRO Model)	1

Fig. 4 CARBURETOR

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Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-14301-06	CARBURETOR ASSY 1	1	17	663-14992-00	.SCREW, drain	3
2	6H4-14302-06	CARBURETOR ASSY 2	1	18	93210-04230	.O-RING	3
3	6H4-14303-06	CARBURETOR ASSY 3	1	19	663-14126-00	.GASKET	3
4	6H4-14947-05	.JET, needle	3	20	663-14527-00	.PLATE	3
5	676-14943-30	.JET, main (#115) (Upper, Lower)	2 UR	21	688-14126-00	.GASKET	3
	676-14943-31	.JET, main (#120) (Center)	1 UR	22	688-14527-00	.PLATE	3
6	6H4-14948-14	.JET (#68)	3	23	6H2-14527-01	.PLATE	3
7	676-14966-00	.CAP	3	24	97980-05310	.SCREW, with washer	6
8	6H3-14590-00	.NEEDLE VALVE ASSY	3	25	692-14923-00	.SCREW, pilot	3
9	663-14159-00	.CLIP	3	26	679-14555-00	.SPRING	3
10	676-14186-00	.PIN, float	3	27	663-14592-00	.SCREW	3
11	98501-04008	.SCREW, pan head	3	28	90201-05652	.WASHER, plate	3
12	6G1-14985-00	.FLOAT	3	29	663-14523-00	.SCREW, stop	1
13	688-14548-00	.PIN, float arm	3	30	90501-10326	.SPRING, compression	1
14	6G1-14984-00	.O-RING	3	31	6H2-14578-00	.COLLAR	1
15	6H2-14980-00	.BODY, float chamber	3	32	6H3-14578-00	.PLATE	3
16	90159-04M00	.SCREW, with washer	12	33	93210-15M52	.O-RING	3
				34	93210-04228	.O-RING	3

Fig. 5 OIL PUMP

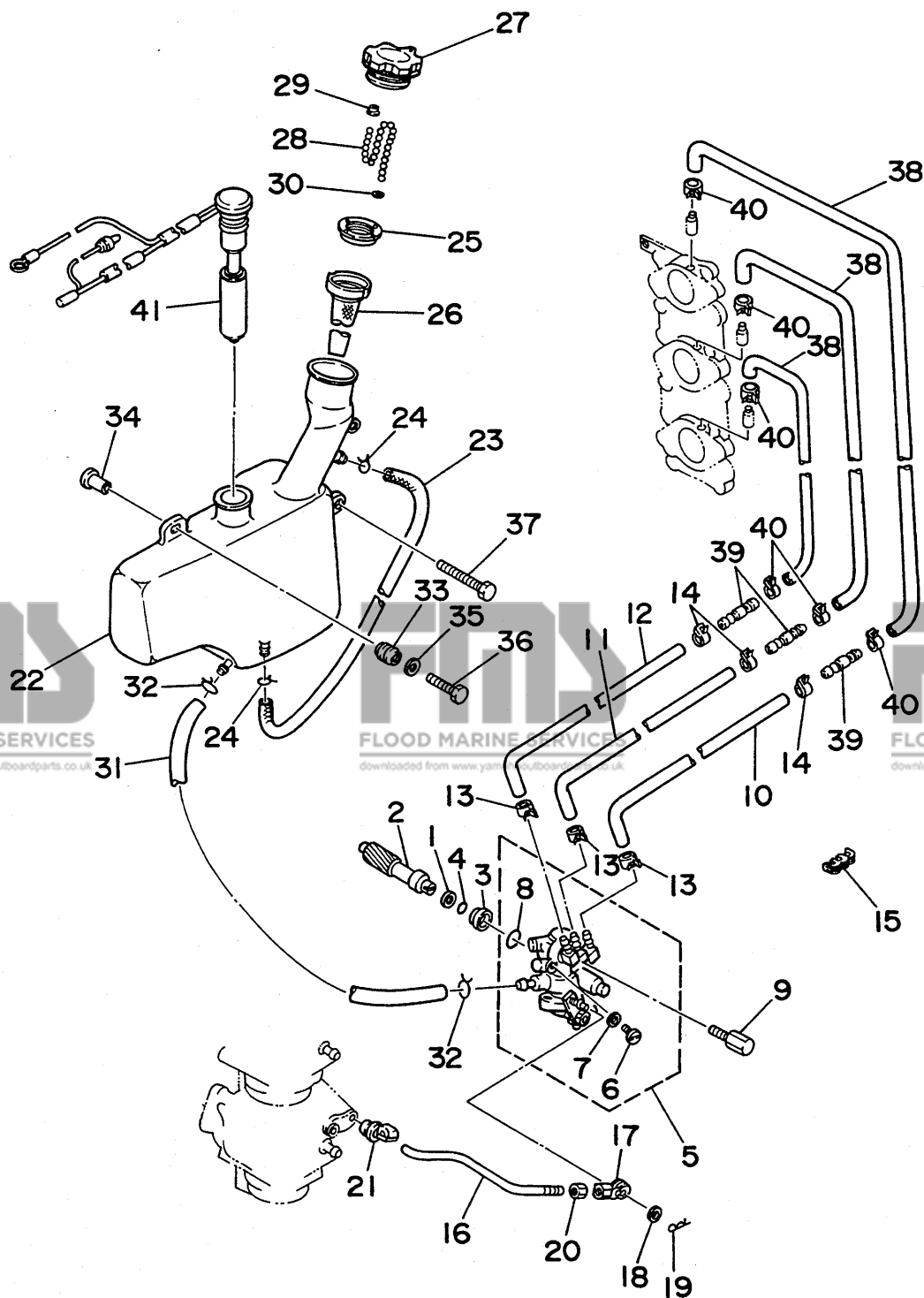


Fig. 5 OIL PUMP

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	90201-08M93	WASHER, plate	1	22	6H4-21707-10	OIL TANK COMP.	1
2	6H4-11537-00	GEAR, driven	1	23	90446-09M08	HOSE	1
3	6H1-13117-00	COLLAR, distance	1	24	90467-08004	CLIP	2
4	93210-13595	O-RING	1	25	6H4-21773-00	GROMMET	1
5	6H4-13200-01	OIL INJECTION PUMP ASSY	1	26	6H1-21756-00	NET, filter	1
6	6E5-13471-00	.PLUG, drain	1	27	6H4-21770-00	OIL TANK CAP ASSY	1
7	6E5-13475-00	.GASKET	1	28	6H4-24633-00	CHAIN, ball	1
8	6E5-14562-00	.O-RING	1	29	6H4-24634-00	HOOK, chain ball	1
9	90109-06M22	BOLT	2	30	6H4-21757-00	WASHER, special 1	1
10	90445-07M44	HOSE	1	31	90445-09M37	HOSE	1
11	90445-07M23	HOSE	1	32	90467-08004	CLIP	2
12	90445-07MA6	HOSE	1	33	6A0-82317-00	DAMPER, ignition coil	3
13	90468-07M02	CLIP	3	34	624-42542-00	PIPE	3
14	90468-07M02	CLIP	3	35	90201-06050	WASHER, plate	3
15	90464-07M05	CLAMP	1	36	97313-06030	BOLT	2
16	6H4-41241-00	ROD, link	1	37	97313-06050	BOLT	1
17	6H1-41237-00	JOINT, link	1	38	90445-07M87	HOSE	3
18	90202-05088	WASHER, plate	1	39	6E5-13132-00	JOINT	3
19	90468-05M03	CLIP	1	40	90468-07M02	CLIP	6
20	95303-05600	NUT	1	41	6H4-85720-20	OIL LEVEL GAUGE ASSY	1
21	6E9-41237-00	JOINT, link	1				

Fig. 6 STA

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Fig. 6 STARTER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-15710-01-94	STARTER ASSY	1	24	93430-06M02	.CIRCLIP	1
2	6H4-15711-01-94	.CASE, starter	1	25	6H4-15705-00	.SPRING, drive pawl	1
3	91690-40018	.PIN, spring	1	26	97013-06035	BOLT	3
4	6H4-15758-00-94	.GUIDE, rope	1	27	92990-06600	WASHER, plate	3
5	97313-06016	.BOLT	2	28	99530-10014	PIN, dowel	1
6	92990-06600	.WASHER, plate	2	29	6H4-15771-00-94	STAY 1	1
7	6H4-15762-00	.SEAL, rubber 2	1	30	97313-08030	BOLT	2
8	6A0-15789-00	.DAMPER	1	31	92990-08600	WASHER, plate	2
9	6H4-15752-00	.ROLLER, wire	1	32	6H4-15772-00-94	STAY 2	1
10	90387-06M66	.COLLAR	1	33	97313-06025	BOLT	3
11	97013-06035	.BOLT	1	34	92990-06600	WASHER, plate	3
12	95380-06600	.NUT	1	35	6H4-15723-00-94	PULLEY, starter	1
13	6H4-15787-00	.ADAPTOR	1	36	97313-08016	BOLT	3
14	619-15755-01	.HANDLE, starter	1	37	92990-08600	WASHER, plate	3
15	689-15779-01	.COVER	1	38	6H4-15774-10	STAY 4	1
16	*	.WIRE (L:2095mm)	1	39	97013-06012	BOLT	1
17	6H4-15714-00	.DRUM, sheave	1	40	6H4-15746-00	ARM	1
18	90510-08002	.SPRING, spiral	1	41	90109-06M04	BOLT	1
19	6H4-15717-00	.SHAFT, starter	1	42	6H4-15770-10	CABLE COMP., starter stop	1
20	90201-06060	.WASHER, plate	1	43	656-15748-00	PLUNGER, starter stop	1
21	97313-06020	.BOLT	1	44	90501-10227	SPRING, compression	1
22	95303-06600	.NUT	1	45	6H4-15747-10	LINK	1
23	676-15741-03	.PAWL, drive	1	46	661-41262-02	JOINT, choke lever	2

* Cut from 50m rolls, Parts No. 90890-44373, Cutting length 2.095m.

Fig. 7 FUEL

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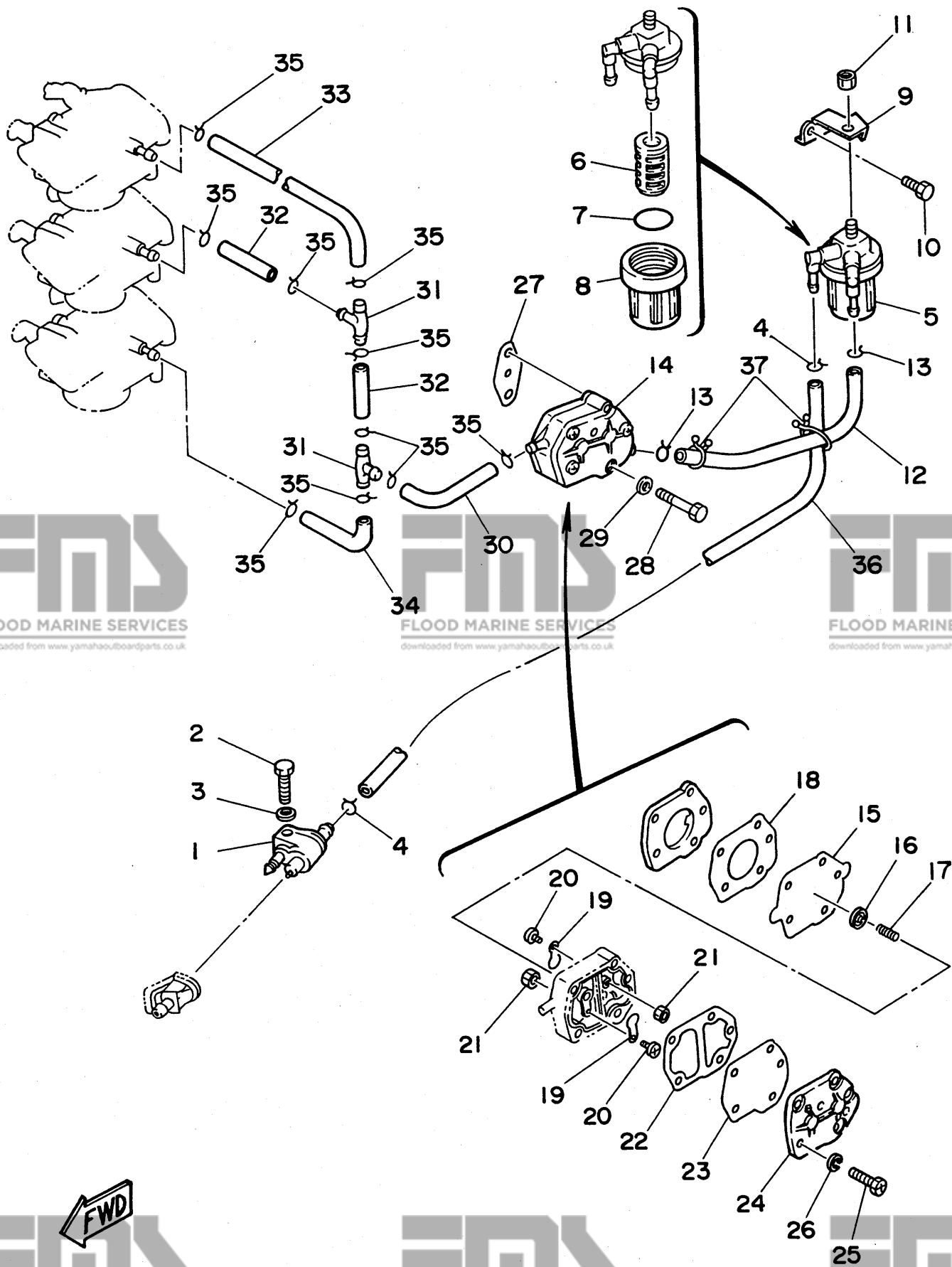
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Fig. 7 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G1-24304-02	FUEL PIPE JOINT COMP. 1	1	20	90147-03M00	.SCREW, pan head	2
2	97313-06025	BOLT	1	21	98813-03100	.NUT	2
3	92990-06600	WASHER, plate	1	22	648-24435-02	.GASKET, body 2	1
4	90467-08004	CLIP	2	23	663-24411-00	.DIAPHRAGM	1
5	655-24560-01	FILTER ASSY	1	24	6A0-24413-00	.BODY 2	1
6	6F5-24563-00	.ELEMENT, filter	1	25	98580-05530	.SCREW, pan head	3
7	93210-37M25	.O-RING	1	26	92990-05100	.WASHER, spring	3
8	655-24521-01	.CUP, filter	1	27	650-24431-00	GASKET, fuel pump 1	1
9	6H4-24566-01	BRACKET, filter	1	28	97313-06040	BOLT	2
10	97013-06012	BOLT	1	29	92990-06600	WASHER, plate	2
11	95303-08600	NUT	1	30	90445-09063	HOSE	1
12	6H4-24314-00	PIPE 4	1	31	688-24378-00	PIPE, joint 4	2
13	90467-08004	CLIP	2	32	90445-09057	HOSE	2
14	6A0-24410-02	FUEL PUMP ASSY	1	33	6H4-24313-00	PIPE 3	1
15	648-24411-00	.DIAPHRAGM	1	34	6H4-24312-00	PIPE 2	1
16	648-24424-00	.SEAT, spring	1	35	90467-08004	CLIP	10
17	648-24423-00	.SPRING, diaphragm	1	36	6H4-24311-00	PIPE, fuel 1	1
18	648-24434-00	.GASKET, body	1	37	90464-16039	CLAMP	2
19	6A0-24421-01	.VALVE, check	2				

Fig. 8 TOP COWLING

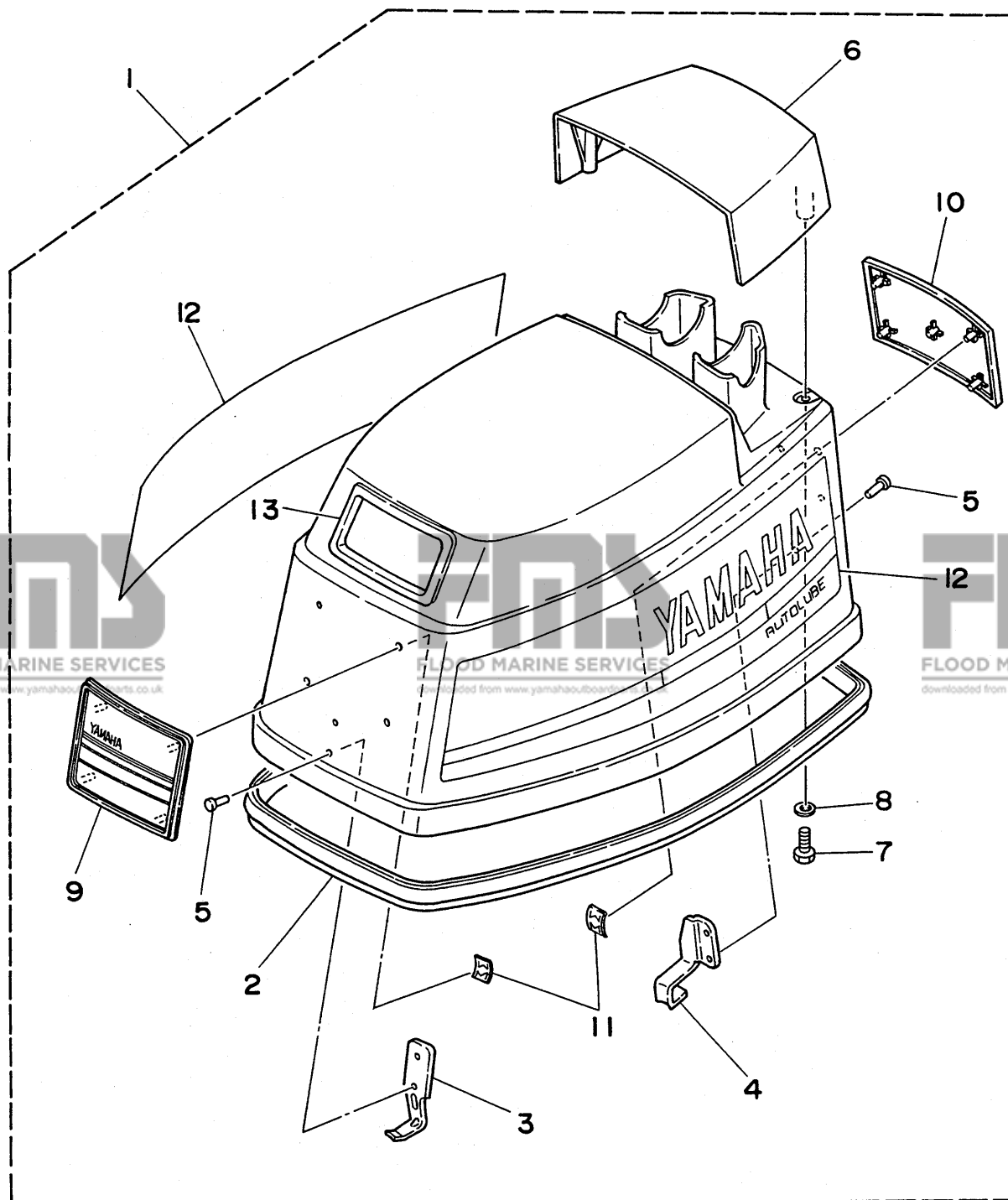


Fig. 8 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-42610-N2-EJ	TOP COWLING ASSY (40HRO Model)	1 UR	8	92990-06600	.WASHER, plate	4
	6H4-42610-V1-EJ	TOP COWLING ASSY (40HMO Model)	1 UR	9	6H4-42686-01	.EMBLEM, front	1
2	6H4-42615-00	.SEAL	1	10	6H4-42687-00	.EMBLEM, rear	1
3	6H4-42651-00	.HOOK	1	11	90183-05M01	.NUT, spring	9
4	6H4-42652-00	.HOOK	1	12	6H4-W0070-N1	.GRAPHIC SET (40HRO Model)	1 UR
5	90266-04M01	.RIVET	4		6H4-W0070-V0	.GRAPHIC SET (40HMO Model)	1 UR
6	6H4-42613-00-EJ	.MOLDING, air duct	1	13	6H4-15761-00	.SEAL, rubber 1	1
7	97313-06016	.BOLT	4				

Fig. 9 BOTTOM COWLING

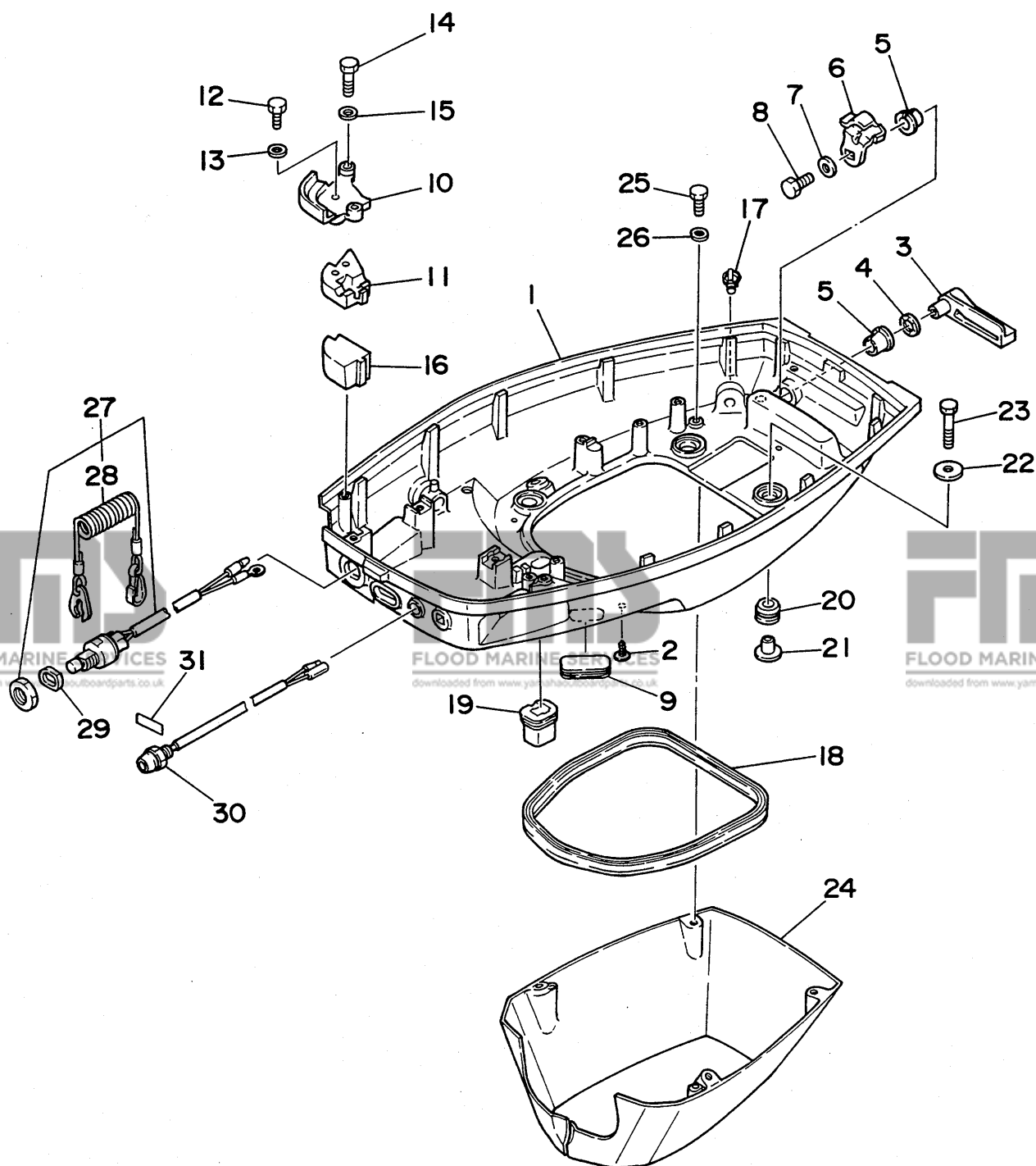


Fig. 9 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-42711-03-EJ	COWLING, bottom	1	16	6H4-42724-00	GROMMET	1
2	90338-05M03	PLUG	1	17	6E5-44391-00	NIPPLE, hose	1
3	6H4-42815-00	LEVER, clamp	1	18	6H4-42716-00	RUBBER, seal 1	1
4	90206-12052	WASHER, wave	1	19	682-42727-00	GROMMET	1
5	90386-12069	BUSH	2	20	90480-09M21	GROMMET	4
6	6H4-42816-00	LEVER, clamp	1	21	90387-06M41	COLLAR	4
7	90201-06068	WASHER, plate	1	22	90201-06416	WASHER, plate	4
8	97313-06010	BOLT	1	23	97313-06030	BOLT	4
9	6H4-42726-00	GROMMET	1 UR	24	6H4-42741-20	APRON	1
	6H5-42726-00	GROMMET (40HEPO Model)	1 UR	25	97313-06016	BOLT	4
10	6H4-48531-00-94	BRACKET, remote control 1	1	26	92990-06600	WASHER, plate	4
11	6H4-48532-00-94	BRACKET, remote control 2	1	27	6H4-82575-00	KILL SWITCH ASSY	1
12	97313-05016	BOLT	1	28	682-82556-00	.STOPPER	1
13	92990-05600	WASHER, plate	1	29	6H4-82537-00	ATTACHMENT, stop switch	1
14	97313-06020	BOLT	2	30	6J8-85410-00	EMERGENCY SIGNAL LIGHT ASSY	1
15	92990-06600	WASHER, plate	2	31	6H4-85415-10	MARK, signal lamp	1

Fig. 10 BRACKET I

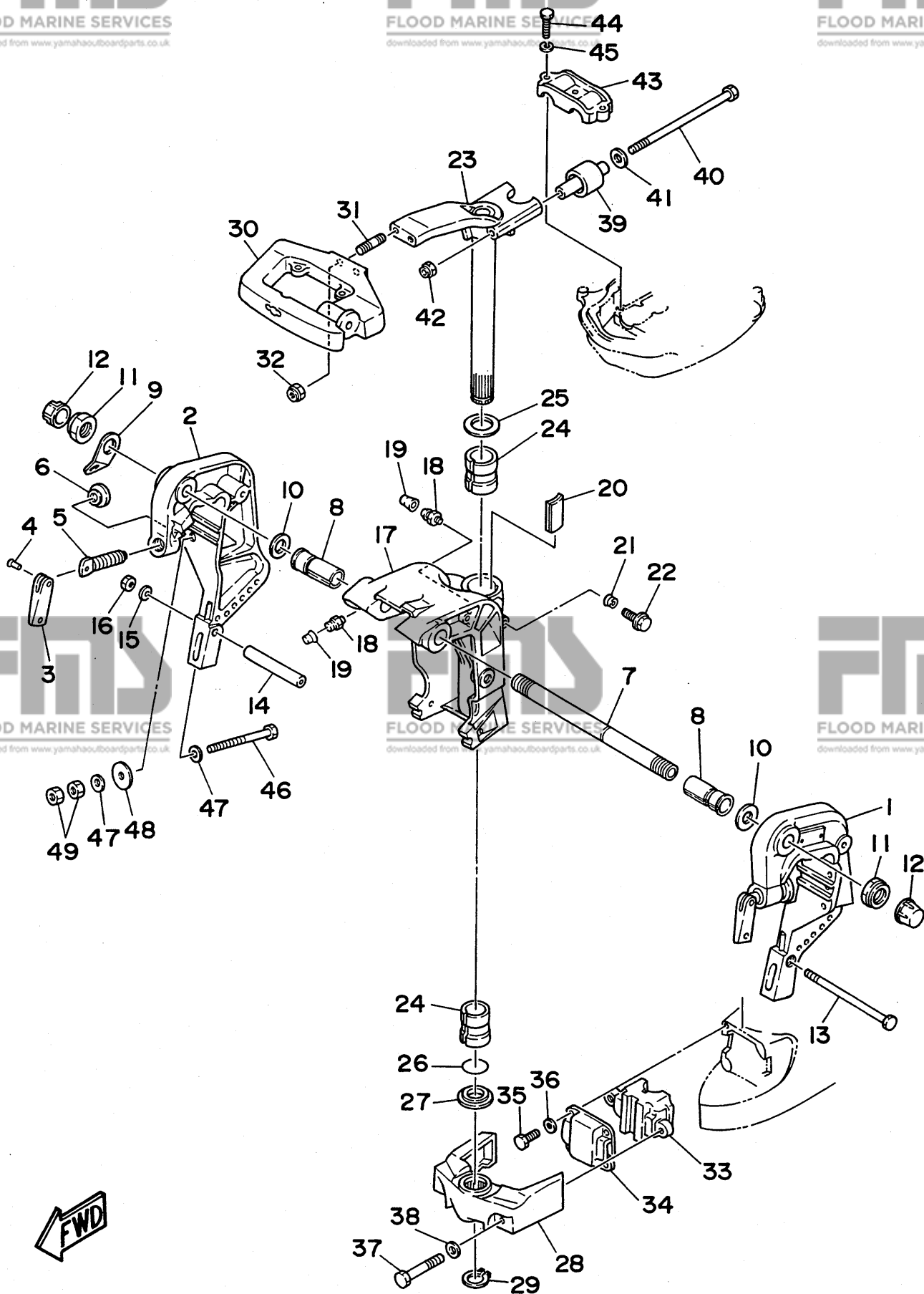


Fig. 10 BRACKET 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-43111-04-EJ	BRACKET, clamp	1	27	90386-30M60	BUSH	1
2	6H4-43112-03-EJ	BRACKET, clamp	1	28	6H4-44551-01-EJ	HOUSING, lower mount rubber	1
3	616-43118-00-EJ	HANDLE, transom clamp	2	29	93410-28M06	CIRCLIP	1
4	90243-04M00	PIN	2	30	6H4-42121-01-9M	BRACKET	1
5	90149-14M03	SCREW	2	31	90116-10175	BOLT, stud	2
6	648-43114-01	PAD, transom clamp	2	32	90185-10051	NUT, self-locking	2
7	6J8-43131-01	BOLT, clamp bracket	1	33	6H4-44557-00	MOUNT DAMPER, lower front	
8	90386-22M69	BUSH	2		(Short)		1 UR
9	6J8-43113-01	PLATE, clamp bracket	1		6H4-44557-10	MOUNT DAMPER, lower front	
10	90201-22428	WASHER, plate	2		(Long)		1 UR
11	90185-22043	NUT, self-locking	2	34	6H4-44553-01	COVER, lower mount	1
12	663-43145-00	CAP, clamp bracket	2	35	97395-08025	BOLT	4
13	90101-08339	BOLT	1	36	92990-08600	WASHER, plate	4
14	90387-08M03	COLLAR	1	37	97395-10060	BOLT	2
15	92990-08600	WASHER, plate	1	38	92990-10600	WASHER, plate	2
16	95380-08600	NUT	1	39	6H4-44514-00	MOUNT DAMPER, upper side	2
17	6J8-43311-02-EJ	BRACKET, swivel	1	40	90101-08M86	BOLT	2
18	93700-06004	NIPPLE, grease	3	41	90201-09425	WASHER, plate	2
19	663-45119-00	CAP, grease nipple	3	42	90185-08045	NUT, self-locking	2
20	6H4-42528-00	PLATE, friction	1	43	6H4-44511-00-94	COVER, upper mount	1
21	689-43373-01	SEAL, damper	1	44	97090-08035	BOLT	3
22	90105-06M18	BOLT, washer based	1	45	92990-08100	WASHER, spring	3
23	6H4-42510-11-EJ	STEERING BRACKET ASSY	1	46	90101-10M58	BOLT	4
24	90386-30048	BUSH	2	47	92995-10600	WASHER	8
25	90201-30M00	WASHER, plate	1	48	90201-12426	WASHER, plate	4
26	93210-29375	O-RING	1	49	95380-10600	NUT	8

Fig. 11 BRACKET 2

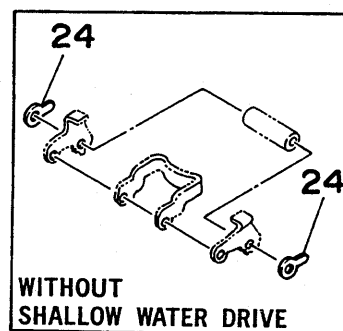
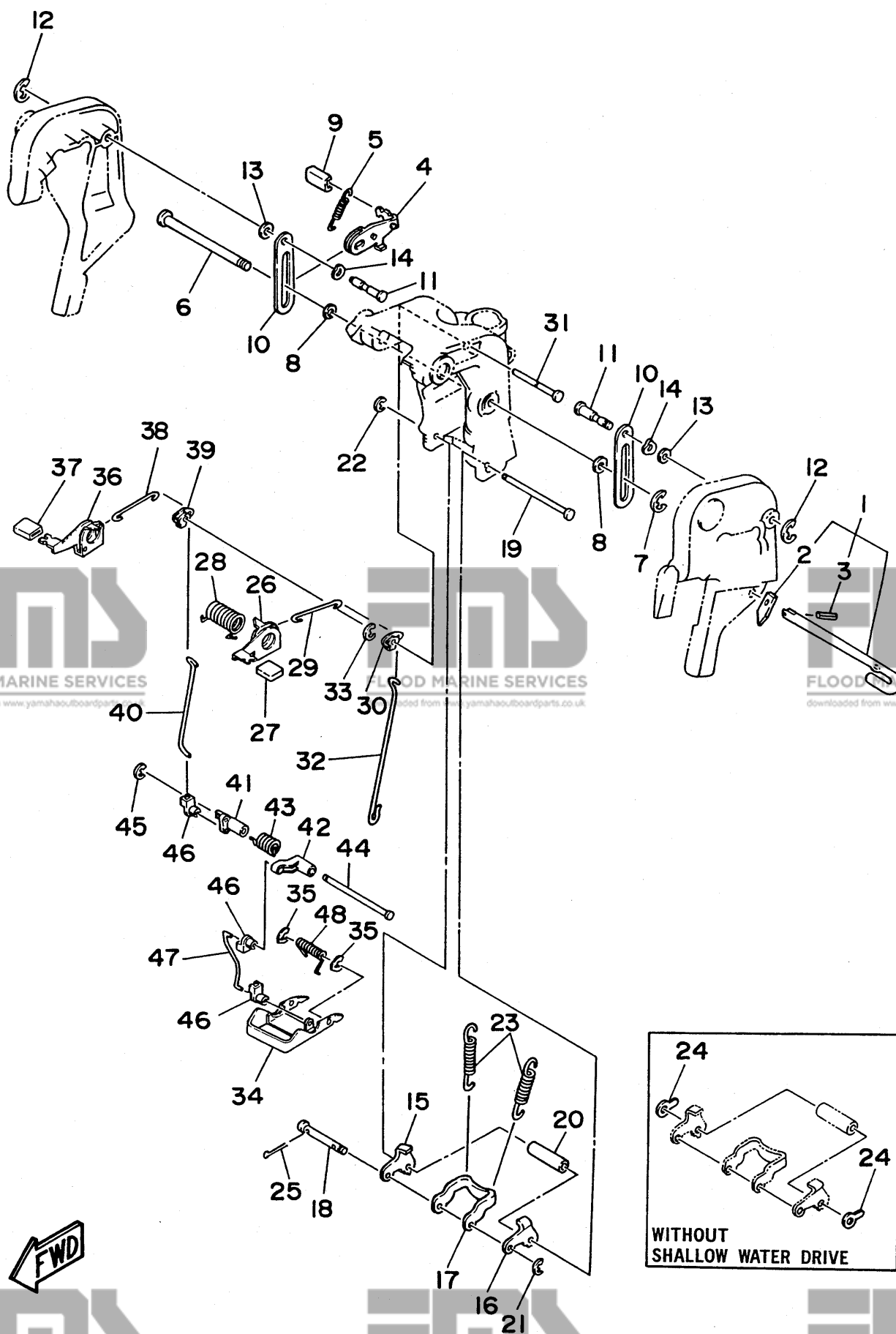


Fig. 11 BRACKET 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-43160-00	TILT ROD ASSY	1	26	6J8-43631-00	LEVER, tilt	1
2	676-43165-00	.PLATE, tilt lock	1	27	6J8-43633-00	COVER, tilt lever	1
3	91690-30010	.PIN, spring	1	28	90508-18M24	SPRING, torsion	1 UR
4	6J8-43181-01	LEVER, tilt stop	1		90508-18M23	SPRING, torsion (For Shallow Water Drive)	1 UR
5	90506-12M25	SPRING, tension	1	29	6H4-43616-00	ROD, tilt lock	1
6	90249-12M28	PIN	1	30	6J8-43641-00	LEVER, tilt	1
7	93430-10M00	CIRCLIP	1	31	90249-06M23	PIN	1 UR
8	90202-12031	WASHER, plate	2		90249-06M24	PIN (For Shallow Water Drive)	1 UR
9	682-43318-01	COVER	1	32	6J8-43617-00	ROD, tilt lock	1
10	6J8-43627-00	STOPPER	2	33	99080-05600	CIRCLIP	1
11	90249-12M27	PIN	2	34	6J8-43681-01	LEVER, shallow water drive	1
12	93430-10M00	CIRCLIP	2	35	6J8-43673-00	WASHER 1	2
13	90202-12031	WASHER, plate	2	36	6J8-43631-10	LEVER, tilt	1
14	90206-12M16	WASHER, wave	2	37	6J8-43633-00	COVER, tilt lever	1
15	6J8-43614-00	PLATE, tilt lock	1	38	6H4-43616-00	ROD, tilt lock	1
16	6J8-43615-00	PLATE, tilt lock	1	39	6J8-43641-00	LEVER, tilt	1
17	6J8-43613-01	ARM, tilt lock	1	40	6J8-43617-10	ROD, tilt lock	1
18	6H4-43659-00	SHAFT, reverse lock	1	41	6J8-43186-00	LEVER	1
19	6J8-43611-01	SHAFT, tilt lock	1	42	6J8-43187-00	LEVER 2	1
20	90387-07M64	COLLAR	1	43	90508-25M21	SPRING, torsion	1
21	93430-06M02	CIRCLIP	1	44	90249-07M25	PIN	1
22	99080-05600	CIRCLIP	1	45	99080-05600	CIRCLIP	1
23	90506-32M22	SPRING, tension	2	46	6J8-41262-00	JOINT, choke lever	3
24	6H4-43674-00	WASHER (Without Shallow Water Drive)	2 UR	47	6J8-43616-10	ROD, tilt lock	1
25	91490-20010	PIN, cotter	2 UR	48	90508-20M22	SPRING, torsion	1

Fig. 12 STEERING

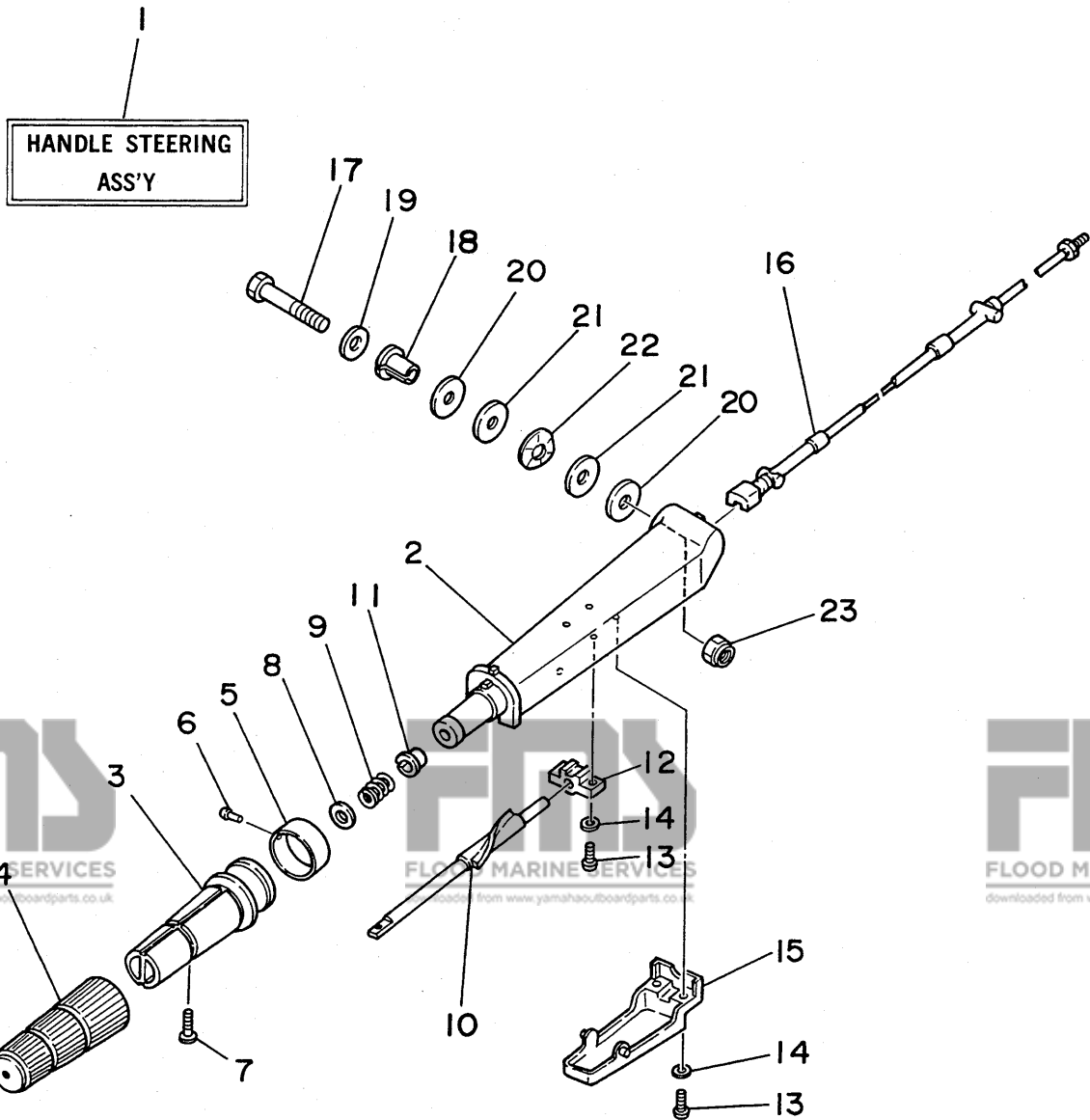


Fig. 12 STEERING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-W0084-02-EJ	HANDLE STEERING ASSY	1	14	92901-05600	WASHER, plate	4
2	6H4-42111-00-EJ	HANDLE, steering	1	15	6H4-42131-00	COVER, handle steering	1
3	664-42119-00	GRIP, steering handle	1	16	6H4-26311-02	CABLE, throttle 1	1
4	6G1-42177-00	RUBBER, handle	1	17	90101-12M37	BOLT	1
5	6H4-42137-01	INDICATOR, throttle	1	18	90386-12089	BUSH	1
6	90269-02001	RIVET	1	19	92990-12200	WASHER, plain	1
7	98680-05525	SCREW, oval head	1	20	90202-12092	WASHER, plate	2
8	92990-10600	WASHER, plate	1	21	90201-12537	WASHER, plate	2
9	90501-23215	SPRING, compression	1	22	90206-12054	WASHER, wave	1
10	6H4-42138-01	LEVER, throttle	1	23	90185-12058	NUT, self-locking	1
11	90386-08032	BUSH	1	24	656-42126-01	FRICTION, steering handle grip	1
12	6H4-42159-00	STAY	1	25	97395-06020	BOLT	1
13	97880-05016	SCREW, pan head	4	26	90185-06062	NUT, self-locking	1

Fig. 13 CONTROL

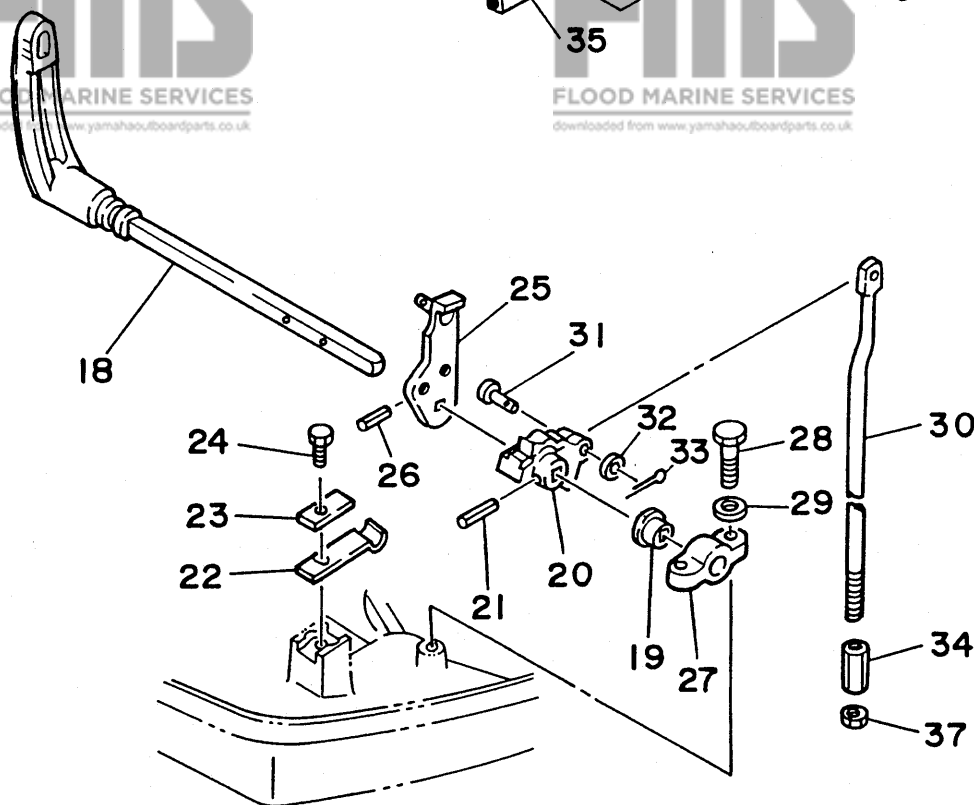
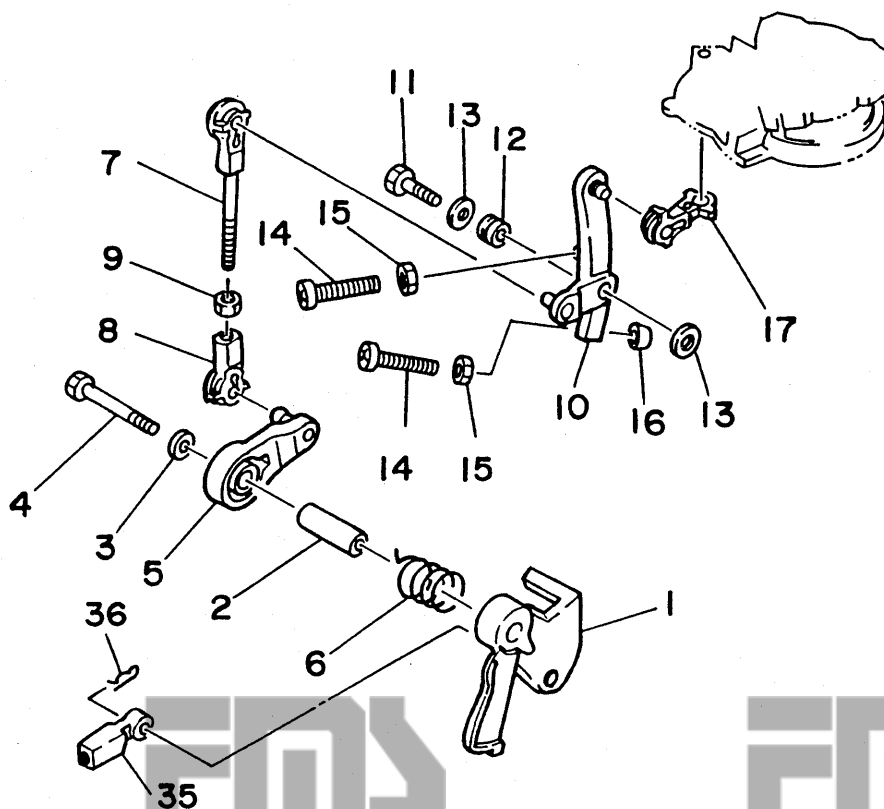


Fig. 13 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-41213-13	CAM, accel. (40HMO/40HRO Model)	1 UR		6H4-44111-10	HANDLE, gear shift (40HEO/40HEPO Model)	1 UR
	6H4-41213-03	CAM, accel. (40HEO/40HEPO Model)	1 UR				
2	90387-06M63	COLLAR	1	19	682-44132-00	BUSHING	1
3	90201-06M31	WASHER, plate	1	20	6H4-44121-01	LEVER, shift rod	1
4	97313-06040	BOLT	1	21	91690-30318	PIN, spring	1
5	6H4-41632-00	LEVER, magneto control	1	22	6H4-44116-00	SPRING	1
6	90508-26M20	SPRING, torsion	1	23	682-44117-00	BRACKET	1
7	6H4-41636-01	ROD, magneto control	1	24	97313-06016	BOLT	1
8	682-41237-00	JOINT, link	1	25	6H4-44125-01	LEVER, shift rod	1
9	95303-05600	NUT	1	26	91690-30316	PIN, spring	1
10	6H4-41631-01	LEVER, magneto control	1	27	6F5-41662-00	BRACKET	1
11	97313-06025	BOLT	1	28	97313-06020	BOLT	2
12	90387-06M04	COLLAR	1	29	92990-06600	WASHER, plate	2
13	90201-06M31	WASHER, plate	2	30	6H4-44143-00	ROD, shift	1
14	90157-06M00	SCREW, pan head	2	31	91790-05020	PIN, clevis	1
15	95303-06600	NUT	2	32	92990-05600	WASHER, plate	1
16	688-44194-00	CAP	2	33	91490-16010	PIN, cotter	1
17	6H3-41238-00	JOINT, link	1	34	648-44146-00	CONNECTOR, shift rod	1
18	6H4-44111-00	HANDLE, gear shift (40HMO/40HRO Model)	1 UR	35	663-48344-00	CABLE END, remote control	1
				36	90468-18008	CLIP	1
				37	90170-07021	NUT	1

Fig. 14 UPPER CASING

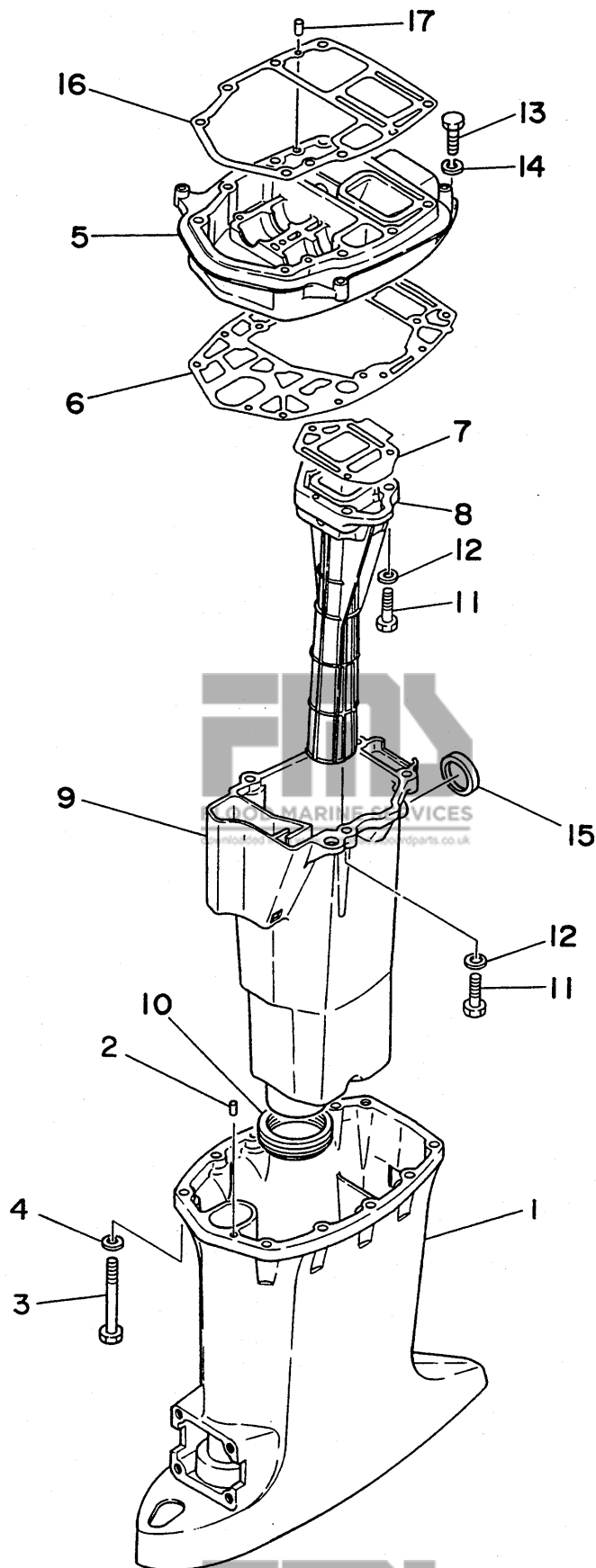


Fig. 14 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-45111-00-EJ	CASING, upper (Short)	1 UR	9	6H4-14711-00-9M	MUFFLER 1 (Short)	1 UR
	6H4-45111-10-EJ	CASING, upper (Long)	1 UR		6H4-14711-10-9M	MUFFLER 1 (Long)	1 UR
2	93606-12019	PIN, dowel	2	10	663-45123-00	GASKET, muffler	1
3	97395-08080	BOLT	8	11	97395-08030	BOLT	7
4	92990-08600	WASHER, plate	8	12	92990-08600	WASHER, plate	7
5	6H4-41137-00-94	GUIDE, exhaust	1	13	97395-08030	BOLT	2
6	6H4-45114-00	GASKET, upper casing	1	14	92990-08100	WASHER, spring	2
7	6H4-41134-00	GASKET, exhaust manifold	1	15	6H4-41133-00	GASKET, exhaust manifold 1	1
8	6H4-41131-01-9M	MANIFOLD, ext. 1	1	16	6H4-45113-00	GASKET, upper casing	1
				17	93606-12019	PIN, dowel	2

Fig. 15 LOWER CASING. DRIVE I

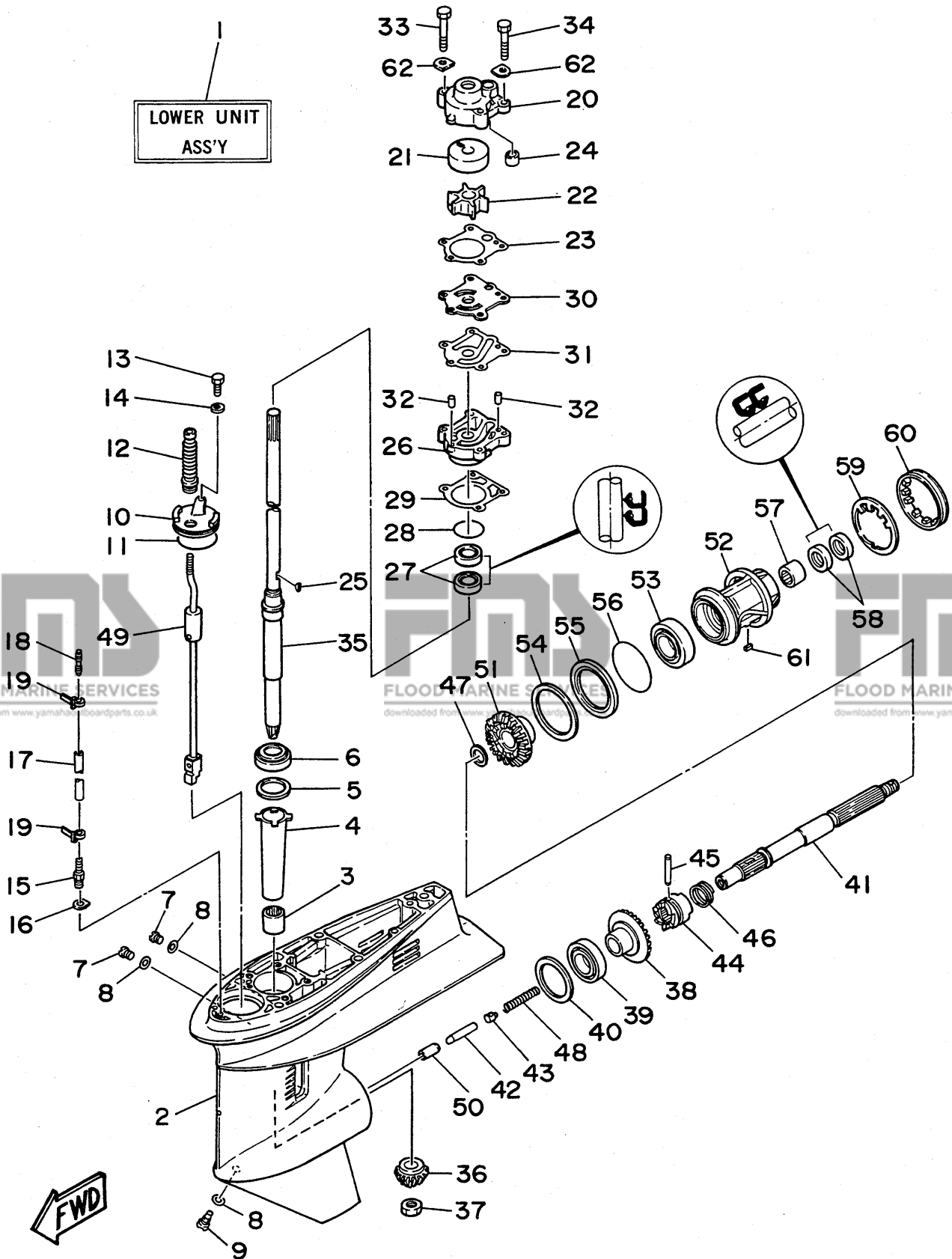


Fig. 15 LOWER CASING. DRIVE 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-45300-01-EJ	LOWER UNIT ASSY (Short)		34	97395-08045	BOLT	2
		(Ref. No. 2 to 62)	1 UR	35	6H4-45501-00	DRIVE SHAFT COMP. (Short)	1 UR
	6H4-45300-11-EJ	LOWER UNIT ASSY (Long)			6H4-45501-10	DRIVE SHAFT COMP. (Long)	1 UR
		(Ref. No. 2 to 62)	1 UR	36	6H4-45551-00	PINION	1
2	6H4-45301-01-EJ	CASING, lower	1	37	90170-12138	NUT	1
3	93315-32224	BEARING, cylindrical	1	38	6H4-45560-00	GEAR	1
4	6H4-45536-00	SLEEVE, drive shaft	1	39	93332-000V4	BEARING	1
5	663-45587-01-10	SHIM (T:0.10MM)	1 UR	40	6H4-45567-01-10	SHIM (T:0.10MM)	1 UR
	663-45587-01-12	SHIM (T:0.12MM)	1 UR		6H4-45567-01-12	SHIM (T:0.12MM)	1 UR
	663-45587-01-15	SHIM (T:0.15MM)	1 UR		6H4-45567-01-15	SHIM (T:0.15MM)	1 UR
	663-45587-01-18	SHIM (T:0.18MM)	1 UR		6H4-45567-01-18	SHIM (T:0.18MM)	1 UR
	663-45587-01-30	SHIM (T:0.30MM)	1 UR		6H4-45567-01-30	SHIM (T:0.30MM)	1 UR
	663-45587-01-40	SHIM (T:0.40MM)	1 UR		6H4-45567-01-40	SHIM (T:0.40MM)	1 UR
	663-45587-01-50	SHIM (T:0.50MM)	1 UR		6H4-45567-01-50	SHIM (T:0.50MM)	1 UR
6	93332-00023	BEARING	1	41	679-45611-01	SHAFT, propeller	1
7	90340-08M04	PLUG, straight screw	2	42	676-45635-00	PLUNGER, shift	1
8	90430-08020	GASKET	3	43	663-45634-00	SLIDE, shift	1
9	688-45341-00	PLUG, drain	1	44	6H4-45631-00	CLUTCH, dog	1
10	6H4-45321-01	PLATE	1	45	90250-06023	PIN, straight	1
11	93210-49046	O-RING	1	46	663-45633-00	RING, cross pin	1
12	661-44147-00	BOOT, shift rod	1	47	90201-22429	WASHER, plate	1
13	97395-06016	BOLT	1	48	90501-16M01	SPRING, compression	1
14	92990-06600	WASHER, plate	1	49	6H4-44150-00	SHIFT CAM ASSY (Short)	1 UR
15	6H4-45378-00	NIPPLE, hose	1		6H4-44150-11	SHIFT CAM ASSY (Long)	1 UR
16	90209-10M14	WASHER	1	50	6H4-44160-00	DETENT COMP.	1
17	90445-07ME9	HOSE (Short)	1 UR	51	6H4-45571-00	GEAR	1
	90445-07M31	HOSE (Long)	1 UR	52	679-45331-00-94	HOUSING, bearing	1
18	6E5-83558-00	END, nipple	1	53	93306-00702	BEARING	1
19	90465-11M10	CLAMP	2	54	663-45577-01-10	SHIM (T:0.10MM)	1 UR
20	6J8-44311-00	HOUSING, water pump	1		663-45577-01-12	SHIM (T:0.12MM)	1 UR
21	663-44322-00	INSERT, cartridge	1		663-45577-01-15	SHIM (T:0.15MM)	1 UR
22	6H4-44352-01	IMPELLER	1		663-45577-01-18	SHIM (T:0.18MM)	1 UR
23	663-44315-00	GASKET, water pump	1		663-45577-01-30	SHIM (T:0.30MM)	1 UR
24	663-44366-00	DAMPER, water seal	1		663-45577-01-40	SHIM (T:0.40MM)	1 UR
25	90280-03024	KEY, woodruff	1		663-45577-01-50	SHIM (T:0.50MM)	1 UR
26	663-44341-00-94	HOUSING, water pump	1	55	663-45576-00	WASHER, thrust	1
27	93101-23070	OIL SEAL	2	56	93210-66262	O-RING	1
28	93210-41042	O-RING	1	57	93317-22204	BEARING, cylindrical	1
29	663-44316-00	GASKET, water pump	1	58	93101-22067	OIL SEAL	2
30	663-44323-00	OUTER PLATE, cartridge	1	59	90214-48M03	WASHER, claw	1
31	663-44324-00	GASKET, cartridge	1	60	697-45384-00	NUT	1
32	93604-08062	PIN, dowel	2	61	90282-04010	KEY, straight	1
33	97395-08055	BOLT	2	62	90209-08M02	WASHER	4

Fig. 16 LOWER CASING. DRIVE 2

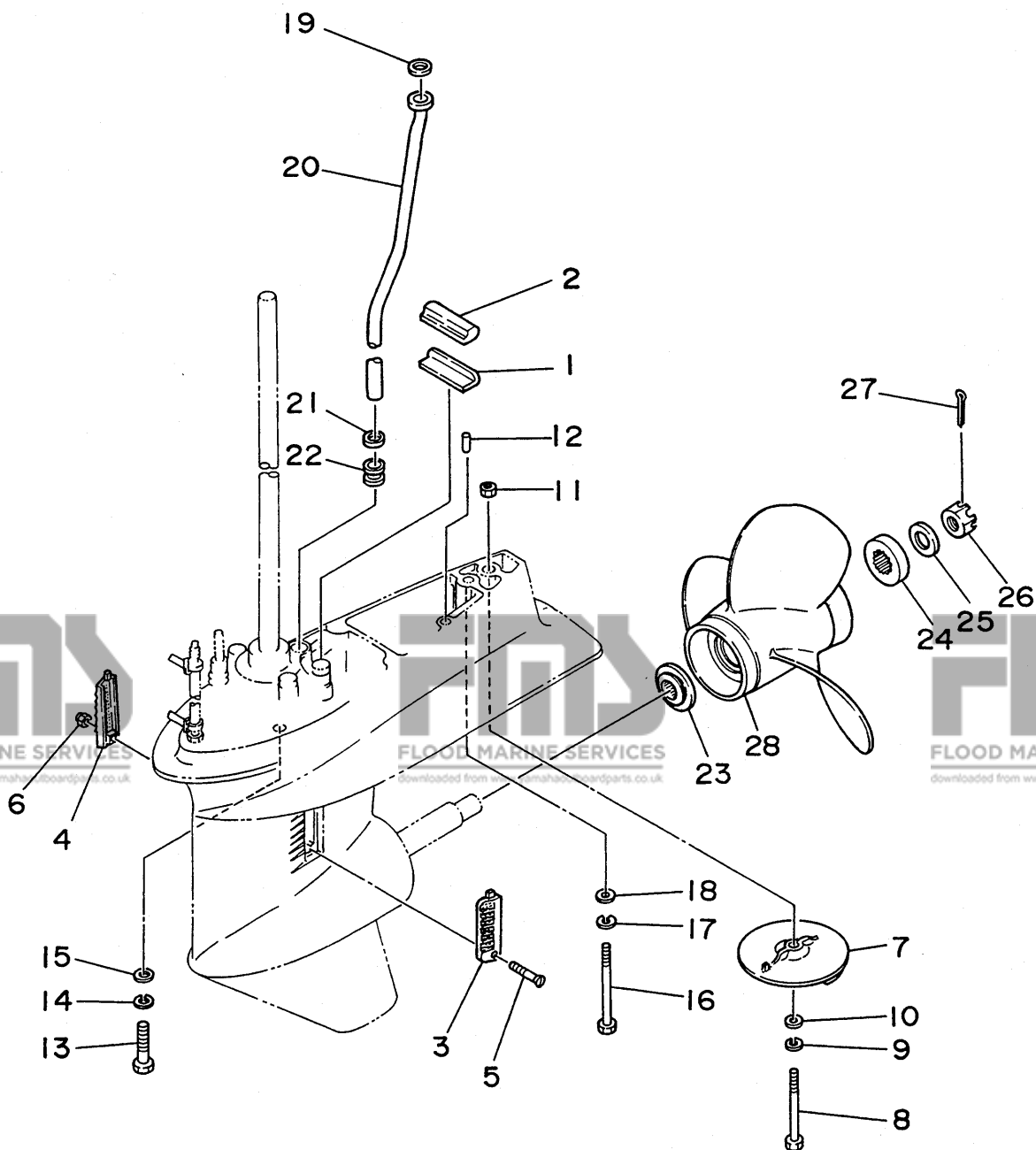


Fig. 16 LOWER CASING. DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	663-45376-00-94	GUIDE, seal damper	1	26	90171-16011	NUT, castle	1
2	688-45375-00	DAMPER, seal	1	27	91490-30025	PIN, cotter	1
3	688-45214-02	COVER, water inlet	1	28	663-45941-01-EL	PROPELLER (3X10-3/4"X17"-G)	1 UR
4	688-45215-02	COVER, water inlet	1		663-45943-02-EL	PROPELLER (3X11"X15"-G)	1 UR
5	98680-05535	SCREW, oval head	1		663-45945-02-EL	PROPELLER (3X11-1/8"X13"-G)	1 UR
6	90185-05002	NUT, self-locking	1		663-45947-02-EL	PROPELLER (3X11-5/8"X11"-G)	1 UR
7	664-45371-01	TAB-TRIM	1		663-45949-01-EL	PROPELLER (3X10-3/4"X16"-G)	1 UR
8	97375-08075	BOLT	1		663-45952-02-EL	PROPELLER (3X11-3/8"X12"-G)	1 UR
9	92990-08100	WASHER, spring	1		663-45954-01-EL	PROPELLER (3X11-3/4"X10"-G)	1 UR
10	92990-08600	WASHER, plate	1		663-45956-01-EL	PROPELLER (3X12-1/4"X9"-G)	1 UR
11	95380-08600	NUT	1		663-45958-01-EL	PROPELLER (3X11-1/4"X14"-G)	1 UR
12	93606-12019	PIN, dowel	2		6H5-45943-00-EL	PROPELLER (3X10"X15"-G)	
13	97375-10040	BOLT	4			(With Lip Cup)	1 UR
14	92990-10100	WASHER, spring	4		6H5-45945-00-EL	PROPELLER (3X10-3/8"X13"-G)	
15	92990-10600	WASHER, plate	4			(With Lip Cup)	1 UR
16	97395-08085	BOLT	1		6H5-45952-00-EL	PROPELLER (3X10-5/8"X12"-G)	
17	92990-08100	WASHER, spring	1			(With Lip Cup)	1 UR
18	92990-08600	WASHER, plate	1		6H5-45958-00-EL	PROPELLER (3X10-1/4"X14"-G)	
19	90202-12060	WASHER, plate	1			(With Lip Cup)	1 UR
20	6H4-44361-00	TUBE, water (Short)	1 UR		STAINLESS STEEL PROPELLER		
	6H4-44361-10	TUBE, water (Long)	1 UR		663-45970-60-98	PROPELLER (3X11-3/4"X12"-G)	1 UR
21	90430-12072	GASKET	1		663-45972-60-98	PROPELLER (3X12"X11"-G)	1 UR
22	663-44367-00	DAMPER, water seal	1		663-45974-60-98	PROPELLER (3X11-1/2"X13"-G)	1 UR
23	663-45987-01	SPACER	1		663-45930-00-98	PROPELLER (3X10-1/4"X14"-G)	1 UR
24	670-45997-01	SPACER	1		663-45976-00-98	PROPELLER (3X10-1/4"X15"-G)	1 UR
25	92990-16200	WASHER, plain	1		663-45978-00-98	PROPELLER (3X10-1/4"X16"-G)	1 UR

Fig. 17 MAGNETO

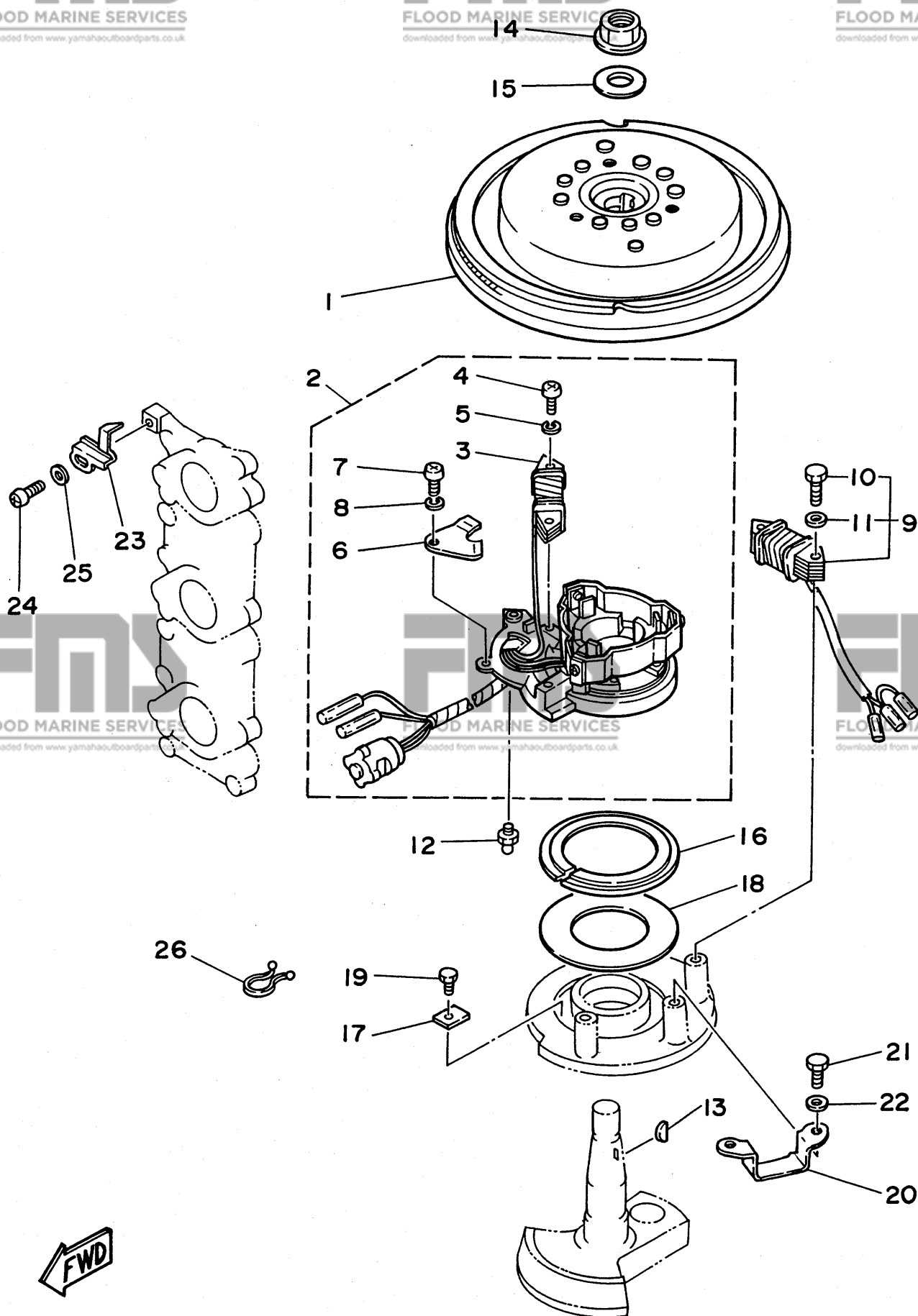


Fig. 17 MAGNETO

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-85550-F0	ROTOR ASSY	1	14	90179-16M05	NUT	1
2	6H4-85510-F0	STATOR ASSY	1	15	90201-16M44	WASHER, plate	1
3	6H4-85520-00	.COIL, charge	1	16	6H4-41611-10	RETAINER, magneto base	1
4	97802-06020	.SCREW, pan head	2	17	6H4-41612-01	RETAINER, magneto base	3
5	92990-06100	.WASHER, spring	2	18	6J8-41618-00	WASHER, magneto	1
6	6H4-85548-00	.HOLDER	1	19	97313-06020	BOLT	3
7	98501-05008	.SCREW, pan head	1	20	6H4-41613-00	PLATE, base friction	1
8	92990-05100	.WASHER, spring	1	21	97013-06012	BOLT	2
9	6H4-81303-A0	LIGHTING COIL ASSY	1	22	92990-06600	WASHER, plate	2
10	97313-06025	.BOLT	2	23	6H4-81332-00	PLATE, timing	1
11	92990-06600	.WASHER, plate	2	24	98580-05010	SCREW, pan head	1
12	663-85518-00	JOINT, ball	1	25	92990-05600	WASHER, plate	1
13	90280-05049	KEY, woodruff	1	26	90465-18147	CLAMP	3

Fig. 18 ELECTRICAL

FLOOD MARINE SERVICES

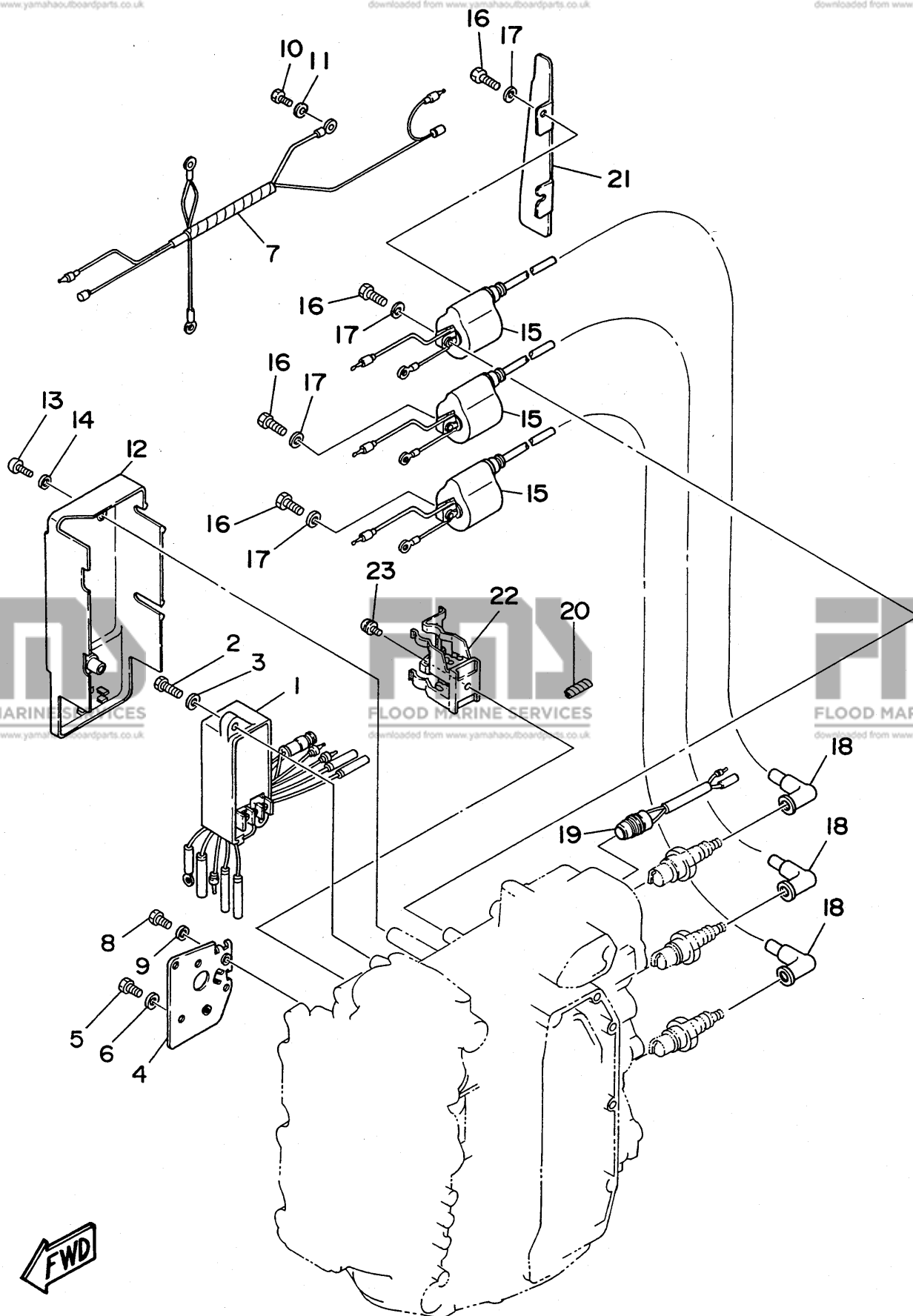
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Fig. 18 ELECTRICAL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-85540-21	C.D.I. UNIT ASSY	1	13	92580-06025	SCREW, pan head	2
2	97313-06025	BOLT	2	14	92990-06600	WASHER, plate	2
3	92990-06600	WASHER, plate	2	15	6H4-85570-20	IGNITION COIL ASSY	3
4	6H4-81975-00	PLATE, rectifier fitting	1	16	97313-06020	BOLT	6
5	97013-06012	BOLT	3	17	92990-06600	WASHER, plate	6
6	92990-06600	WASHER, plate	3	18	6G1-82370-20	PLUG CAP ASSY	3
7	6H4-82531-01	WIRE, lead	1	19	689-82560-00	THERMO SWITCH ASSY	1
8	97013-06012	BOLT	1	20	90446-10M02	HOSE	1
9	92990-06600	WASHER, plate	1	21	6H4-14477-00	PLATE	1
10	97013-06012	BOLT	1	22	6H4-82522-00	CLAMP, coupler	1
11	92990-06600	WASHER, plate	1	23	90159-06M07	SCREW, with washer	1
12	6H4-81916-00	COVER, terminal	1				

Fig. 19 ALTERNATE 1

(40HEO/40HEPO MODEL)

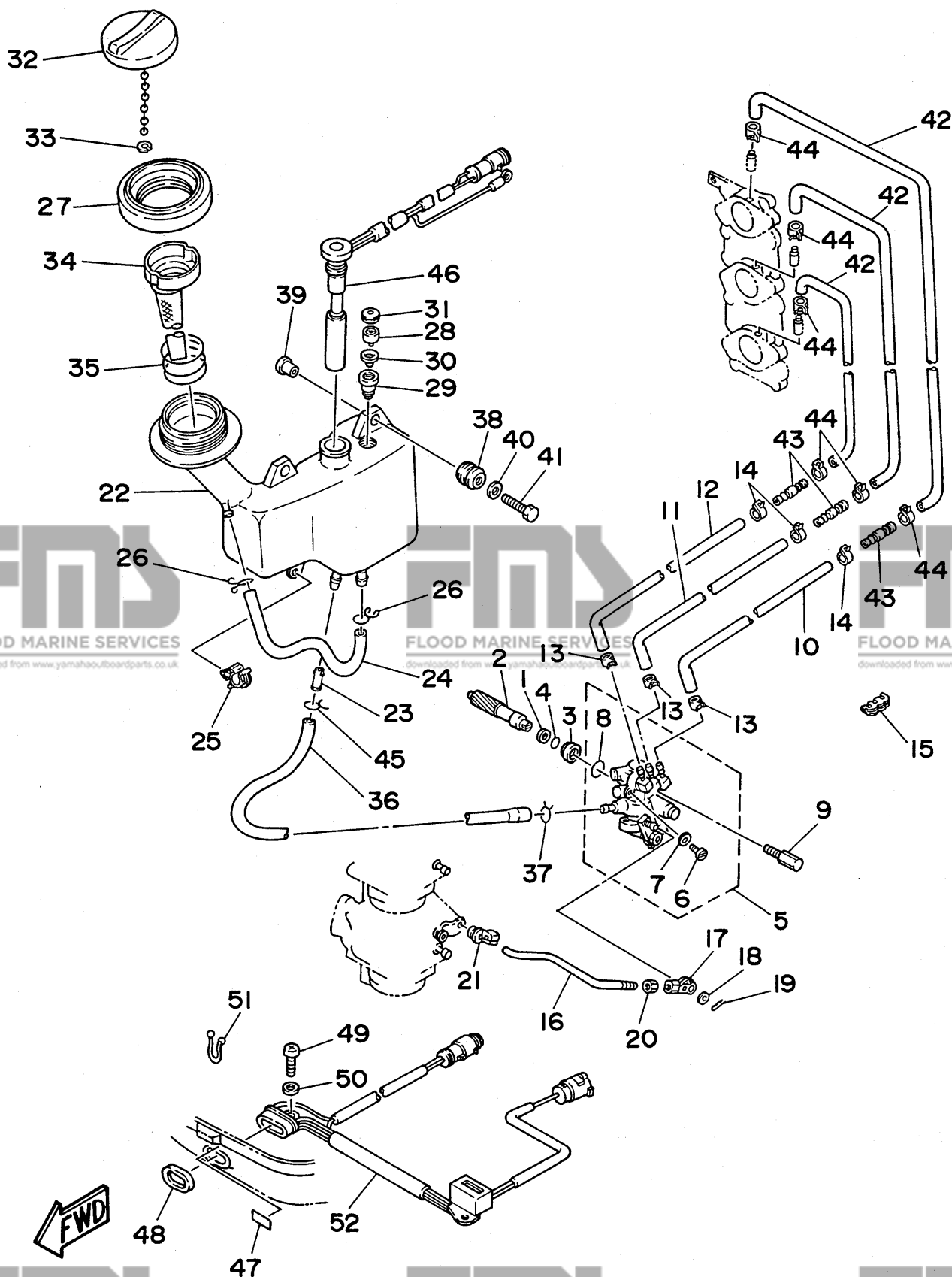


Fig. 19 ALTERNATE 1 (40HEO/40HEPO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	90201-08M93	WASHER, plate	1	27	6H4-21735-01	SEAL 2	1
2	6H4-11537-00	GEAR, driven	1	28	6H1-21744-10	BREATHER	1
3	6H1-13117-00	COLLAR, distance	1	29	6H1-21773-00	GROMMET	1
4	93210-13595	O-RING	1	30	90386-03M59	BUSH	1
5	6H4-13200-01	OIL INJECTION PUMP ASSY	1	31	6H1-24217-00	COVER	1
6	6E5-13471-00	.PLUG, drain	1	32	6H1-21770-00	OIL TANK CAP ASSY	1
7	6E5-13475-00	.GASKET	1	33	6H1-21757-00	WASHER, special 1	1
8	6E5-14562-00	.O-RING	1	34	6H1-24251-01	STRAINER 1	1
9	90109-06M22	BOLT	2	35	90501-14M45	SPRING, compression	1
10	90445-07M44	HOSE	1	36	6H4-13416-00	PIPE, oil 1	1
11	90445-07M23	HOSE	1	37	90467-08004	CLIP	1
12	90445-07MA6	HOSE	1	38	6A0-82317-00	DAMPER, ignition coil	3
13	90468-07M02	CLIP	3	39	624-42542-00	PIPE	3
14	90468-07M02	CLIP	3	40	90201-06050	WASHER, plate	3
15	90464-07M05	CLAMP	1	41	97313-06030	BOLT	3
16	6H4-41241-00	ROD, link	1	42	90445-07M87	HOSE	3
17	6H1-41237-00	JOINT, link	1	43	6E5-13132-00	JOINT	3
18	90202-05088	WASHER, plate	1	44	90468-07M02	CLIP	6
19	90468-05M03	CLIP	1	45	90467-10M04	CLIP	1
20	95303-05600	NUT	1	46	6H4-85720-11	OIL LEVEL GAUGE ASSY	1
21	6E9-41237-00	JOINT, link	1	47	6H4-84342-00	SEAT, emblem	1
22	6H4-21707-02	OIL TANK COMP.	1	48	6H4-83589-00	GASKET	1
23	6H4-21748-00	COLLAR	1	49	92503-06015	SCREW, pan head	1
24	90445-11M03	HOSE	1	50	92990-06600	WASHER, plate	1
25	90464-11M23	CLAMP	1	51	90465-18147	CLAMP	1
26	90467-11M08	CLIP	2	52	6H4-84301-01	PILOT LIGHT ASSY 1	1

Fig. 20 ALTERNATE 2
(40HEO/40HEPO MODEL)

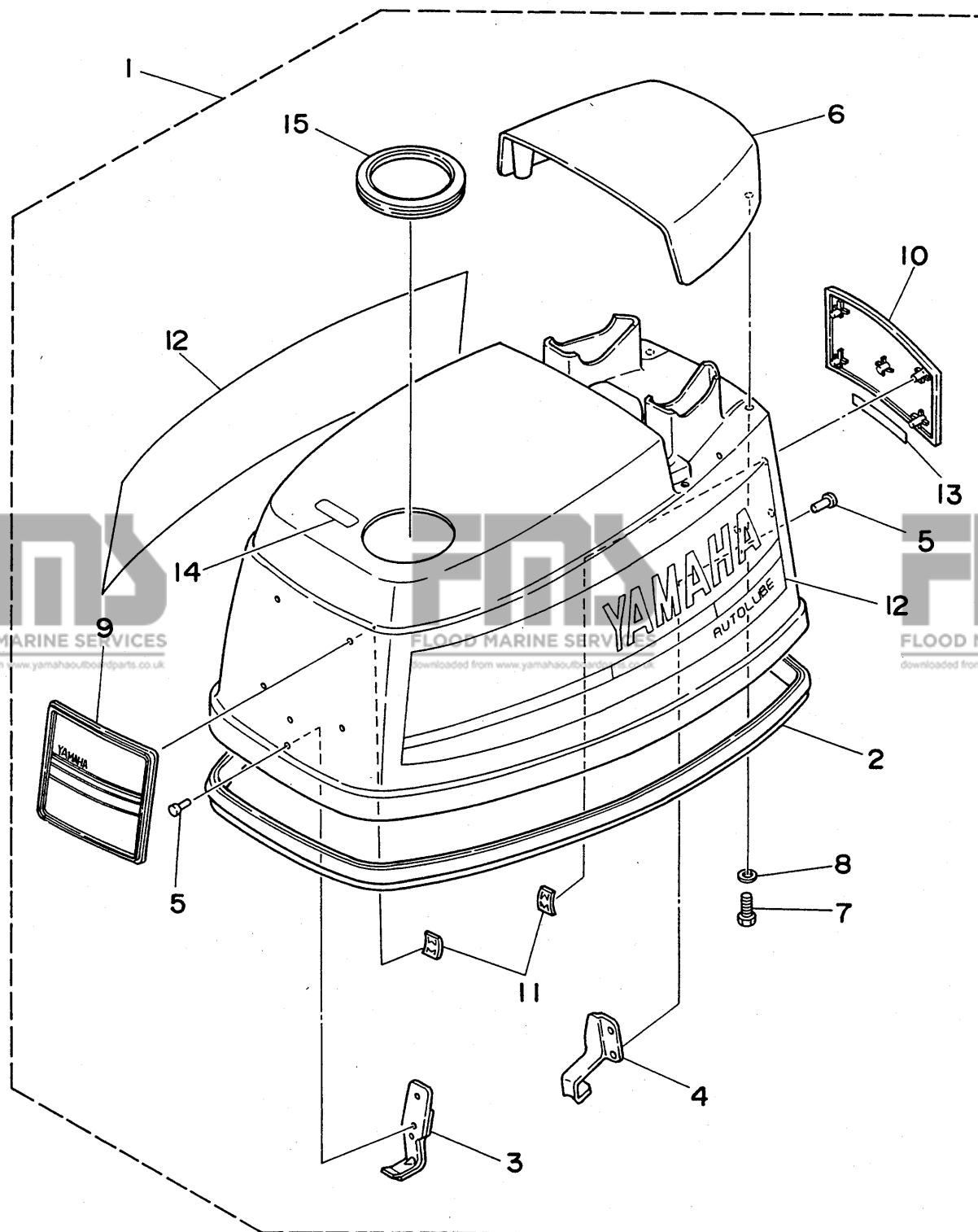


Fig. 20 ALTERNATE 2 (40HE0/40HEP0 MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-42610-E1-EJ	TOP COWLING ASSY (40HE0 Model)	1 UR	9	6H4-42686-10	.EMBLEM, front	4
	6H4-42610-G1-EJ	TOP COWLING ASSY (40HEP0 Model)	1 UR	10	6H4-42687-00	.EMBLEM, rear	1
2	6H4-42615-00	.SEAL	1	11	90183-05M01	.NUT, spring	9
3	6H4-42651-00	.HOOK	1	12	6H4-W0070-E0	.GRAPHIC SET	9
4	6H4-42652-00	.HOOK	1	13	6G1-42683-00	.MARK, cowling (40HE0 Model)	1 UR
5	90266-04M01	.RIVET	4		6H5-42684-00	.MARK, cowling (40HEP0 Model)	1 UR
6	6H4-42613-10-EJ	.MOLDING, air duct	1	14	6H4-13436-00	.MARK	1
7	97313-06016	.BOLT	1	15	6H4-21732-00	.SEAL 1	1
8	92990-06600	.WASHER, plate	4				

Fig. 21 ALTERNATE 3 (40HEPO MODEL)

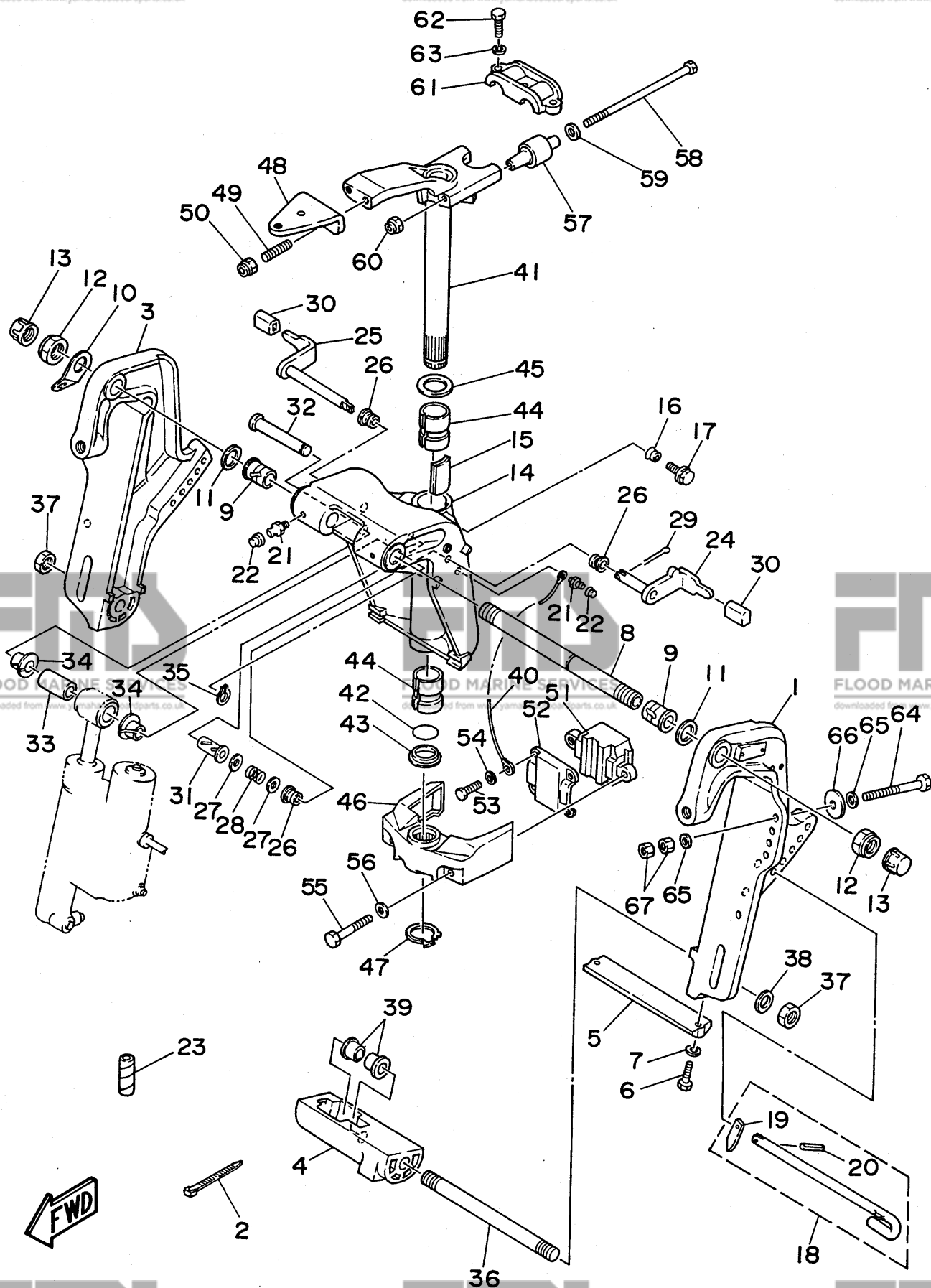


Fig. 21 ALTERNATE 3 (40HEPO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-43111-02-EJ	BRACKET, clamp	1	36	90116-18M21	BOLT, stud	1
2	90465-13M11	CLAMP	1	37	90170-18M10	NUT	2
3	6H5-43112-02-EJ	BRACKET, clamp	1	38	92990-18600	WASHER	1
4	6H5-43128-00-EJ	SPACER, clamp bracket	1	39	90386-18M44	BUSH	2
5	6H1-45251-00	ANODE	1	40	6H5-82127-00	WIRE, lead 2	1
6	97395-06030	BOLT	2	41	6H4-42510-01-EJ	STEERING BRACKET ASSY	1
7	92990-06100	WASHER, spring	2	42	93210-29375	O-RING	1
8	6J8-43131-01	BOLT, clamp bracket	1	43	90386-30M60	BUSH	1
9	90386-22M15	BUSH	2	44	90386-30048	BUSH	2
10	6J8-43113-01	PLATE, clamp bracket	1	45	90201-30M00	WASHER, plate	1
11	90201-22428	WASHER, plate	2	46	6H4-44551-01-EJ	HOUSING, lower mount rubber	1
12	90185-22043	NUT, self-locking	2	47	93410-28M06	CIRCLIP	1
13	663-43145-00	CAP, clamp bracket	2	48	6H4-48511-50-EJ	HOOK, steering	1
14	6H5-43311-01-EJ	BRACKET, swivel	1	49	90116-10175	BOLT, stud	2
15	6H4-42528-00	PLATE, friction	1	50	90185-10051	NUT, self-locking	2
16	689-43373-01	SEAL, damper	1	51	6H4-44557-00	MOUNT DAMPER, lower front	1 UR
17	90105-06M18	BOLT, washer based	1		(Short)		
18	676-43160-01	TILT ROD ASSY	1		6H4-44557-10	MOUNT DAMPER, lower front	1 UR
19	676-43165-00	.PLATE, tilt lock	1		(Long)		
20	91690-30012	.PIN, spring	1	52	6H4-44553-01	COVER, lower mount	1
21	93700-06004	NIPPLE, grease	3	53	97395-08025	BOLT	4
22	663-45119-00	CAP, grease nipple	3	54	92990-08600	WASHER, plate	4
23	90446-10M01	HOSE	2	55	97395-10060	BOLT	2
24	6H5-43181-01	LEVER, tilt stop	1	56	92990-10600	WASHER, plate	2
25	6H5-43185-01	LEVER, tilt stop	1	57	6H4-44514-00	MOUNT DAMPER, upper side	2
26	90386-10M16	BUSH	3	58	90101-08M86	BOLT	2
27	92990-10600	WASHER, plate	2	59	90201-09425	WASHER, plate	2
28	90501-10M21	SPRING, compression	1	60	90185-08045	NUT, self-locking	2
29	91490-30025	PIN, cotter	1	61	6H4-44511-00-94	COVER, upper mount	1
30	663-43318-00	COVER	2	62	97090-08035	BOLT	3
31	90386-10M19	BUSH	1	63	92990-08100	WASHER, spring	3
32	6H5-43126-02	PIN, upper shock mount	1	64	90101-12M65	BOLT	4
33	90386-12M65	BUSH	1	65	92990-12200	WASHER, plain	8
34	90386-12M64	BUSH	1	66	90201-12426	WASHER, plate	4
35	93410-12M08	CIRCLIP	2	67	95380-12600	NUT	8

Fig. 22 ALTERNATE 4 (40HEPO MODEL)

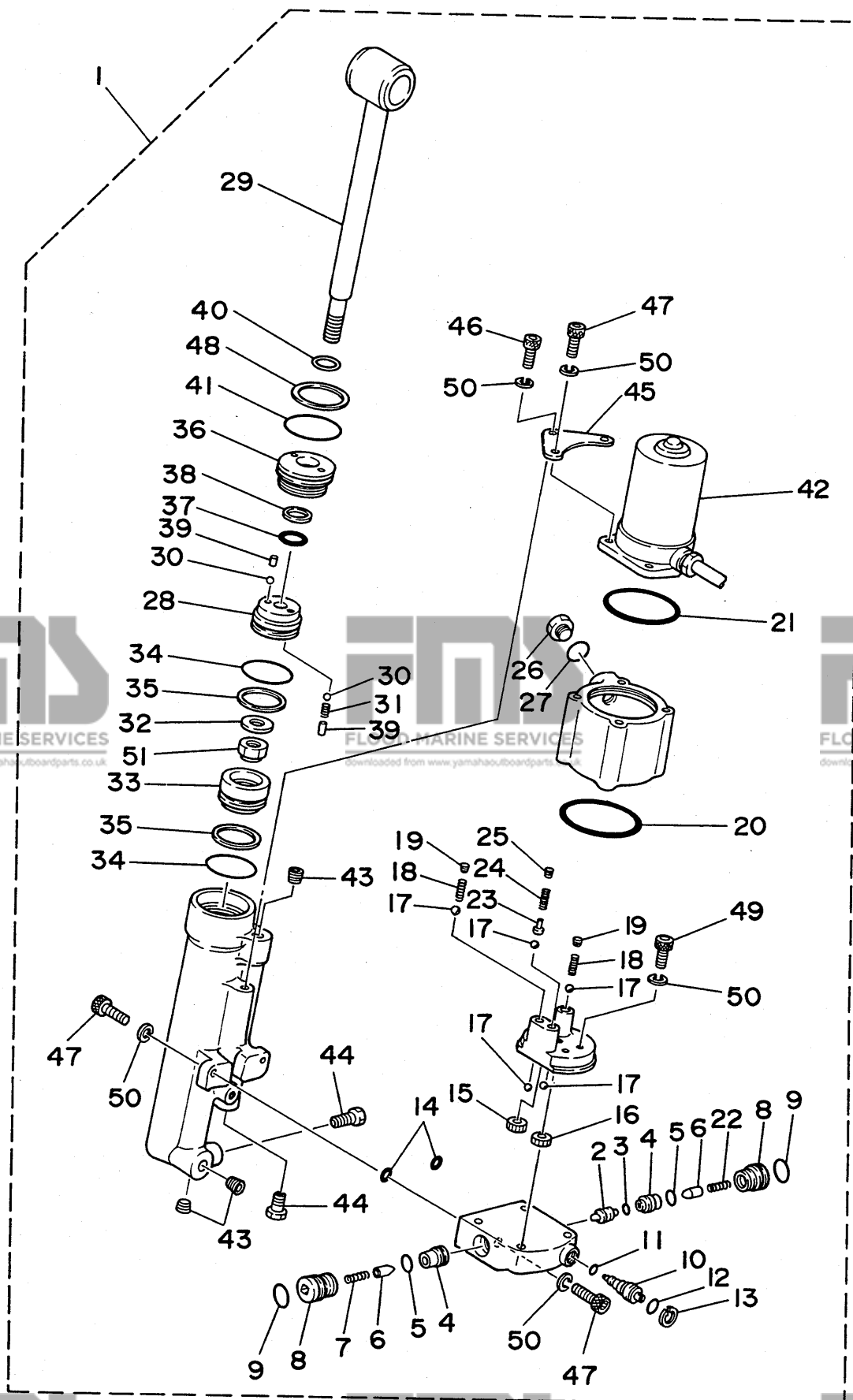


Fig. 22 ALTERNATE 4 (40HEPO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-43840-01-EJ	POWER TILT ASSY	1	27	6H5-43865-00	.O-RING	1
2	6H5-43841-00	.PISTON, shuttle	1	28	6H5-4385A-00	.PISTON, tilt	1
3	6H5-43861-00	.O-RING	1	29	6H5-43801-00	.ROD	1
4	6H5-43891-00	.BRUSH	2	30	6H5-43858-00	.BALL	5
5	6H5-43862-00	.O-RING	2	31	6H5-43857-00	.SPRING, absorber valve	5
6	6H5-43849-00	.PIN, valve support	2	32	6H5-43893-00	.WASHER	1
7	6H5-43853-00	.SPRING, main valve	1	33	6H5-43814-00	.PISTON, free	1
8	6H5-4382E-00	.ADAPTOR 2	2	34	6H5-43883-00	.O-RING	2
9	6H5-43863-00	.O-RING	2	35	6H5-43871-00	.RING, back up	2
10	6H5-43846-01	.SCREW, manual valve seat	1	36	6H5-4381E-00	.BRACKET	1
11	6H5-43864-00	.O-RING	1	37	6H5-43896-00	.O-RING	1
12	6H5-43865-00	.O-RING	1	38	6H5-43873-00	.RING, back up	1
13	6H5-43875-00	.RING, snap	1	39	6H5-4381A-00	.SHAFT	5
14	6H5-43866-00	.O-RING	2	40	6H5-43812-00	.SEAL, dust	1
15	6H5-43837-00	.GEAR, driven	1	41	6H5-43897-00	.O-RING	1
16	6H5-43836-00	.GEAR, drive	1	42	6H5-43880-00	.MOTOR ASSY	1
17	6H5-43858-10	.BALL	5	43	6H5-43826-00	.PLUG, taper screw	3
18	6H5-43856-00	.SPRING, down relief	2	44	6H5-43811-00	.SCREW, cylinder end	2
19	6H5-43844-00	.PIN, valve support	2	45	6H5-4381F-00	.BRACKET	1
20	6H5-43867-00	.O-RING	1	46	6H5-43887-00	.BOLT, through	4
21	6H5-43868-00	.O-RING	1	47	6H5-43886-00	.BOLT	4
22	6H5-43853-10	.SPRING, main valve	1	48	6H5-43872-00	.RING, back up	3
23	6H5-43859-00	.PIN, valve support	6	49	91316-06020	.BOLT	4
24	6H5-43855-01	.SPRING, up relief	1	50	92990-06100	.WASHER, spring	12
25	6H5-4386F-00	.RING, straight	1	51	95600-12100	.NUT, u	1
26	6H5-43829-00	.PLUG, reservoir	1				

Fig. 23 ALTERNATE 5
(40HEO/40HEPO MODEL)

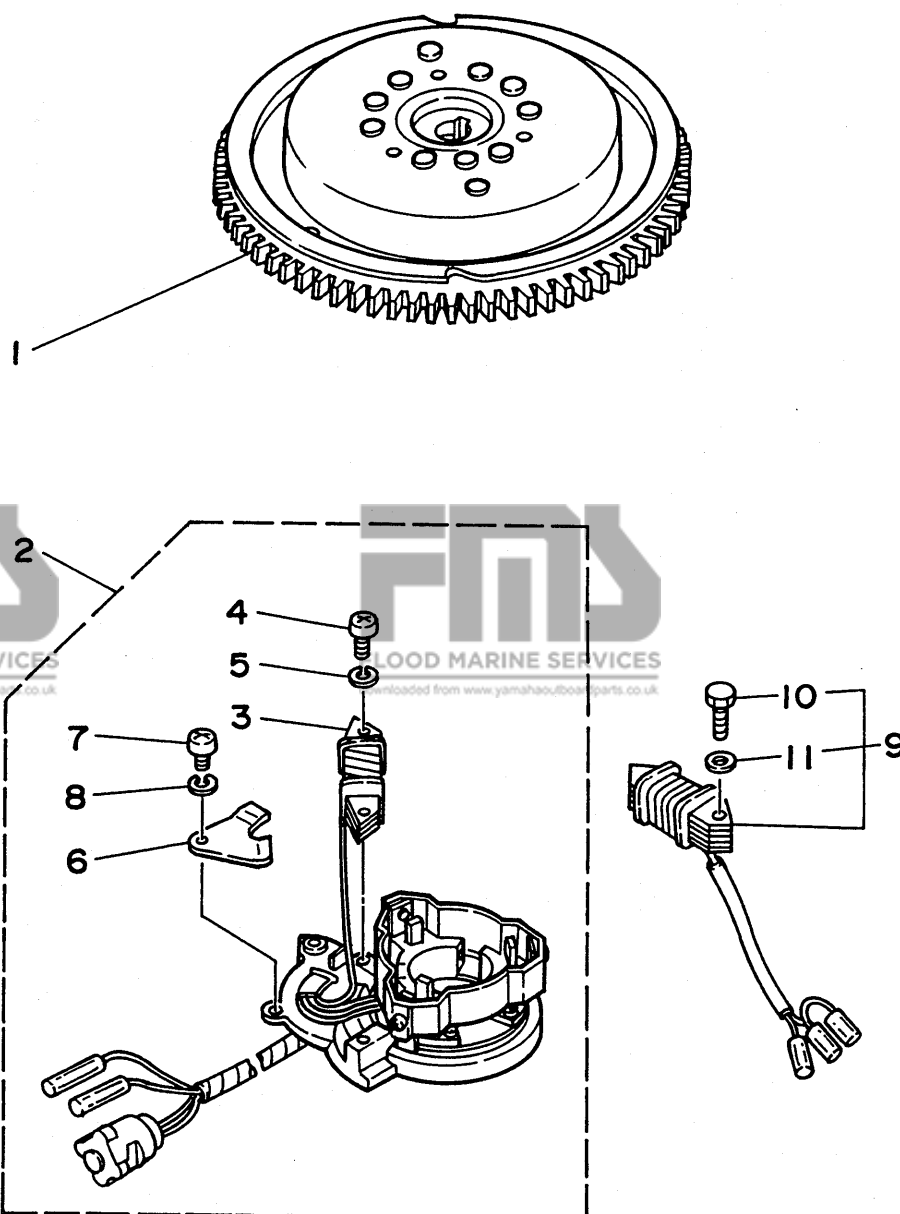


Fig. 23 ALTERNATE 5 (40HE0/40HEP0 MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-85550-A0	ROTOR ASSY	1	7	98501-05008	.SCREW, pan head	1
2	6H4-85510-F0	STATOR ASSY	1	8	92990-05100	.WASHER, spring	1
3	6H4-85520-00	.COIL, charge	1	9	6H4-81303-A0	LIGHTING COIL ASSY	1
4	97802-06020	.SCREW, pan head	2	10	97313-06025	.BOLT	2
5	92990-06100	.WASHER, spring	2	11	92990-06600	.WASHER, plate	2
6	6H4-85548-00	.HOLDER	1				

Fig. 24 ALTERNATE 6
(40HEO/40HEPO MODEL)

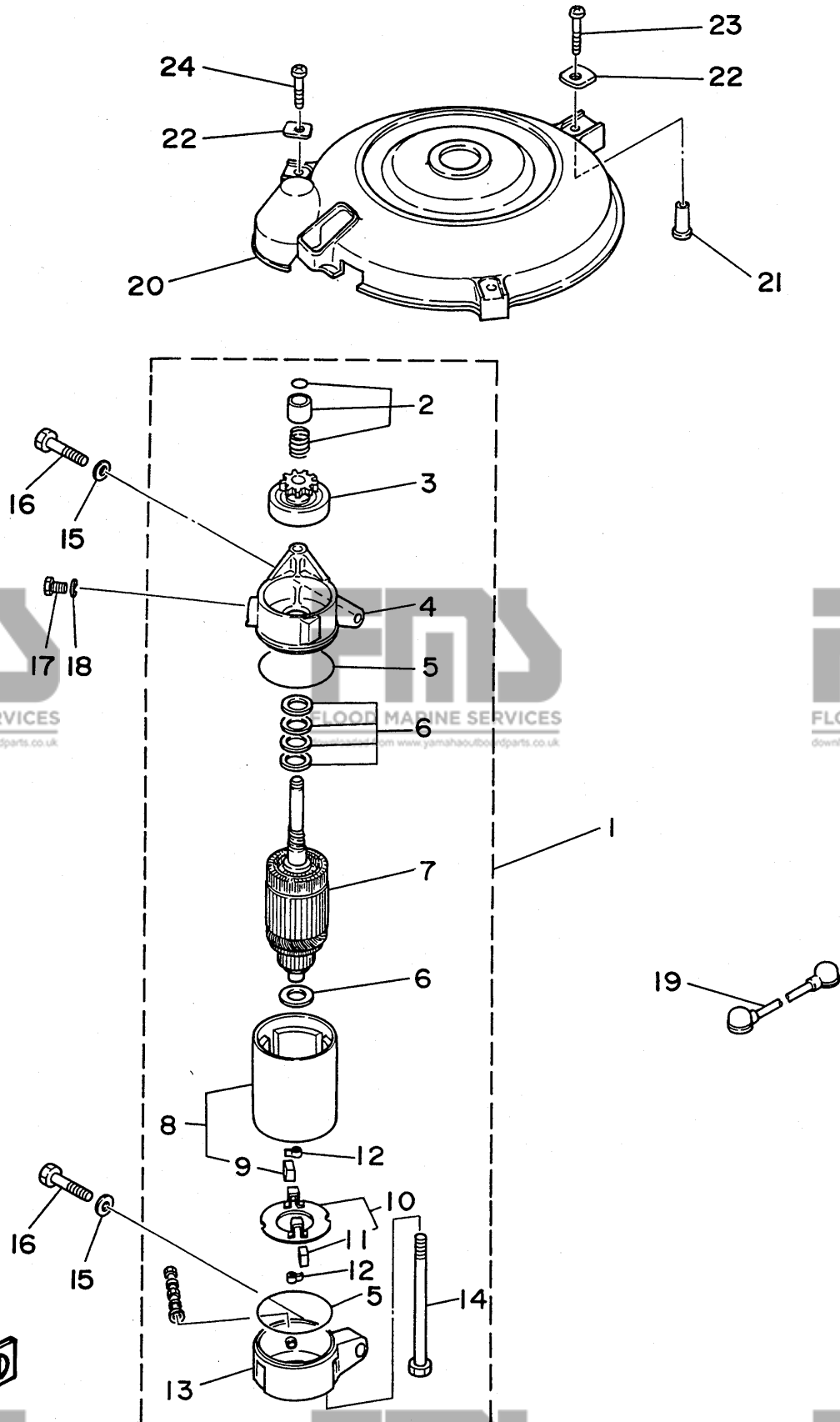


Fig. 24 ALTERNATE 6 (40HEO/40HEPO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-81800-12	STARTING MOTOR ASSY	1	13	6H3-81820-11	.REAR BRACKET ASSY	1
2	689-81857-11	.RETAINER	1	14	689-81826-10	.BOLT	2
3	6H3-81807-10	.GEAR ASSY, starting motor	1	15	92990-08600	WASHER, plate	2
4	6H4-81830-11	.FRONT BRACKET ASSY	1	16	90109-08M36	BOLT	2
5	689-81847-11	.O-RING	2	17	97313-08016	BOLT	1
6	689-81809-11	.WASHER KIT	1	18	92990-08600	WASHER, plate	1
7	689-81850-11	.ARMATURE ASSY	1	19	6H4-82117-00	WIRE, lead	1
8	6H3-81810-10	.STATOR ASSY	1	20	6H4-81337-00	COVER, flywheel	1
9	689-81811-11	..BRUSH 1	1	21	90387-06M65	COLLAR	3
10	689-81840-11	.BRUSH HOLDER ASSY	1	22	90209-06M04	WASHER	3
11	689-81812-11	..BRUSH 2	1	23	92580-06040	SCREW, pan head	1
12	689-81813-10	.SPRING, brush	2	24	92580-06035	SCREW, pan head	2

Fig. 25 ALTERNATE 7

(40HEO/40HEPO MODEL)

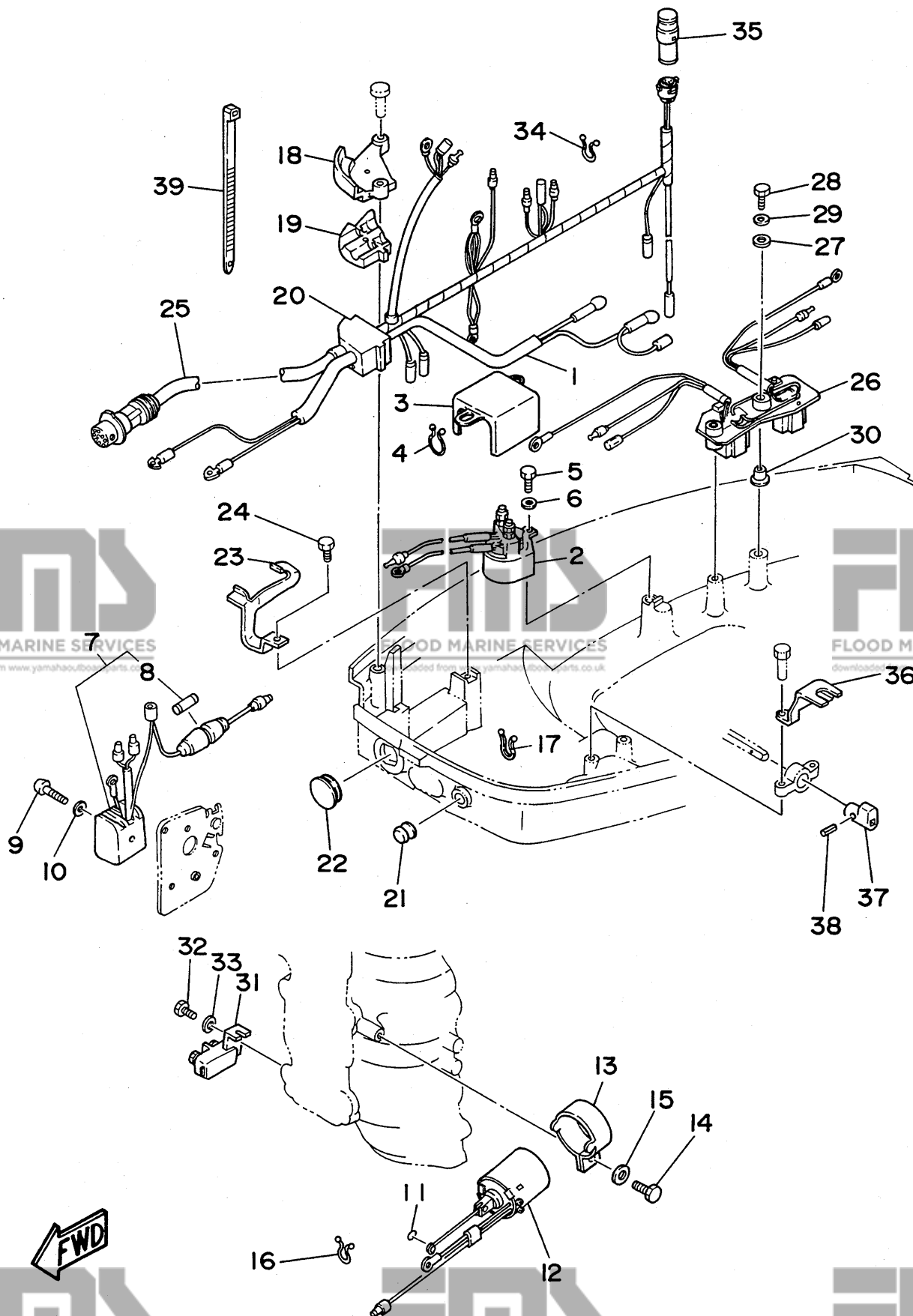


Fig. 25 ALTERNATE 7 (40HE0/40HEPO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-82105-00	WIRE HARNESS	1	21	6H4-42725-00	GROMMET	1
2	688-81950-10	RELAY ASSY	1	22	676-42726-00	GROMMET	1
3	6H3-82164-00	CASE 2	1	23	6H4-82588-00	PLATE	1
4	90464-16039	CLAMP	1	24	97013-06012	BOLT	1
5	97313-06016	BOLT	1	25	6H4-82590-21	WIRE HARNESS ASSY	1
6	92990-06600	WASHER, plate	1	26	6H5-81950-10	RELAY ASSY (40HEPO Model)	1
7	6G1-81970-60	RECTIFIER ASSY	1	27	92990-06200	WASHER, plain (40HEPO Model)	2
8	6G1-82151-00	.FUSE	1	28	97313-06025	BOLT (40HEPO Model)	2
9	98503-05025	SCREW, pan head	1	29	92990-06600	WASHER, plate (40HEPO Model)	2
10	92990-05600	WASHER, plate	1	30	90387-06M05	COLLAR (40HEPO Model)	2
11	93210-03261	O-RING	1	31	6H5-81920-00	TERMINAL ASSY (40HEPO Model)	1
12	6H4-86110-01	SOLENOID	1	32	97013-06012	BOLT (40HEPO Model)	1
13	6H4-86112-00	STAY, solenoid	1	33	92990-06600	WASHER, plate (40HEPO Model)	1
14	97313-06016	BOLT	1	34	90465-18147	CLAMP (40HEPO Model)	1
15	92990-06600	WASHER, plate	1	35	6H4-82582-00	COVER, wire harness	1
16	90465-18147	CLAMP	2	36	6H4-82554-00	STAY, neutral switch	1
17	90465-18147	CLAMP	1	37	6H4-44173-01	LEVER, shift control	1
18	6H4-48531-10-94	BRACKET, remote control 1	1	38	91690-30020	PIN, spring	1
19	6H4-48532-10-94	BRACKET, remote control 2	1	39	437-83936-10	BAND, switch cord	1
20	6H4-42724-20	GROMMET	1				

Fig. 26 REPAIR KIT I

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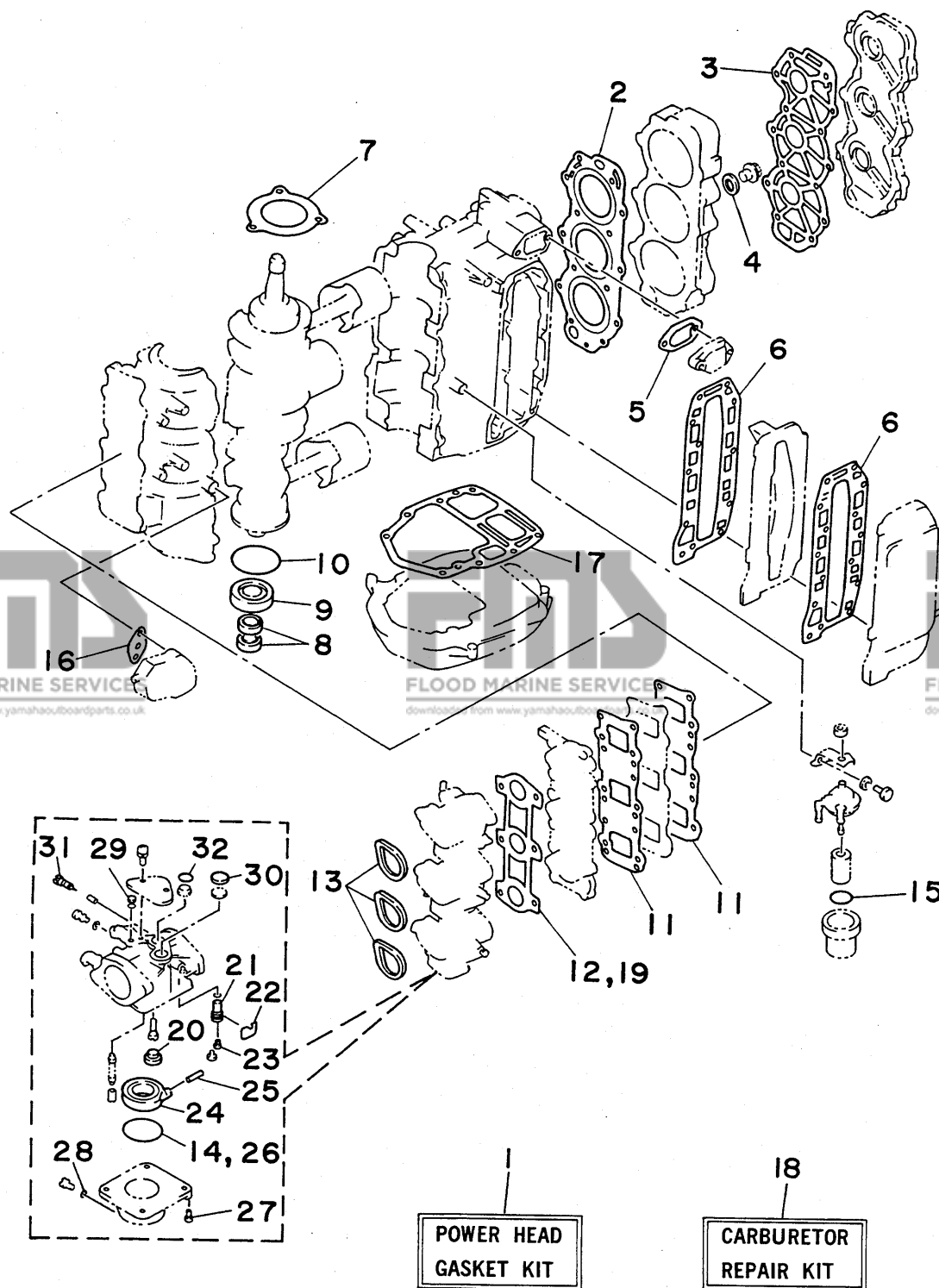
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Fig. 26 REPAIR KIT 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-W0001-01	POWER HEAD GASKET KIT	1	17	6H4-45113-00	.GASKET, upper casing	1
2	6H4-11181-00	.GASKET, cylinder head 1	1	18	6H4-W0093-01	CARBURETOR REPAIR KIT	1
3	6H4-11193-00	.GASKET, head cover 1	1	19	6H4-14198-00	.GASKET	1
4	90430-14115	.GASKET	1	20	676-14966-00	.CAP	2
5	6H4-12414-00	.GASKET, cover	1	21	6H3-14590-00	.NEEDLE VALVE ASSY	3
6	6H4-41114-00	.GASKET, exhaust outer cover	2	22	663-14159-00	.CLIP	3
7	6H4-15369-00	.GASKET, oil seal housing	1	23	676-14186-00	.PIN, float	3
8	93104-16M04	.OIL SEAL	2	24	6G1-14985-00	.FLOAT	3
9	93102-25M28	.OIL SEAL	1	25	688-14548-00	.PIN, float arm	3
10	93210-57M09	.O-RING	1	26	6G1-14984-00	.O-RING	3
11	6H4-13621-00	.GASKET, valve seat	2	27	90159-04M00	.SCREW, with washer	3
12	6H4-14198-00	.GASKET	1	28	93210-04230	.O-RING	3
13	6H3-14457-01	.SEAL	3	29	663-14126-00	.GASKET	3
14	6G1-14984-00	.O-RING	3	30	688-14126-00	.GASKET	3
15	93210-37M25	.O-RING	1	31	692-14923-00	.SCREW, pilot	3
16	650-24431-00	.GASKET, fuel pump 1	1	32	93210-15M52	.O-RING	3

Fig. 27 REPAIR KIT 2

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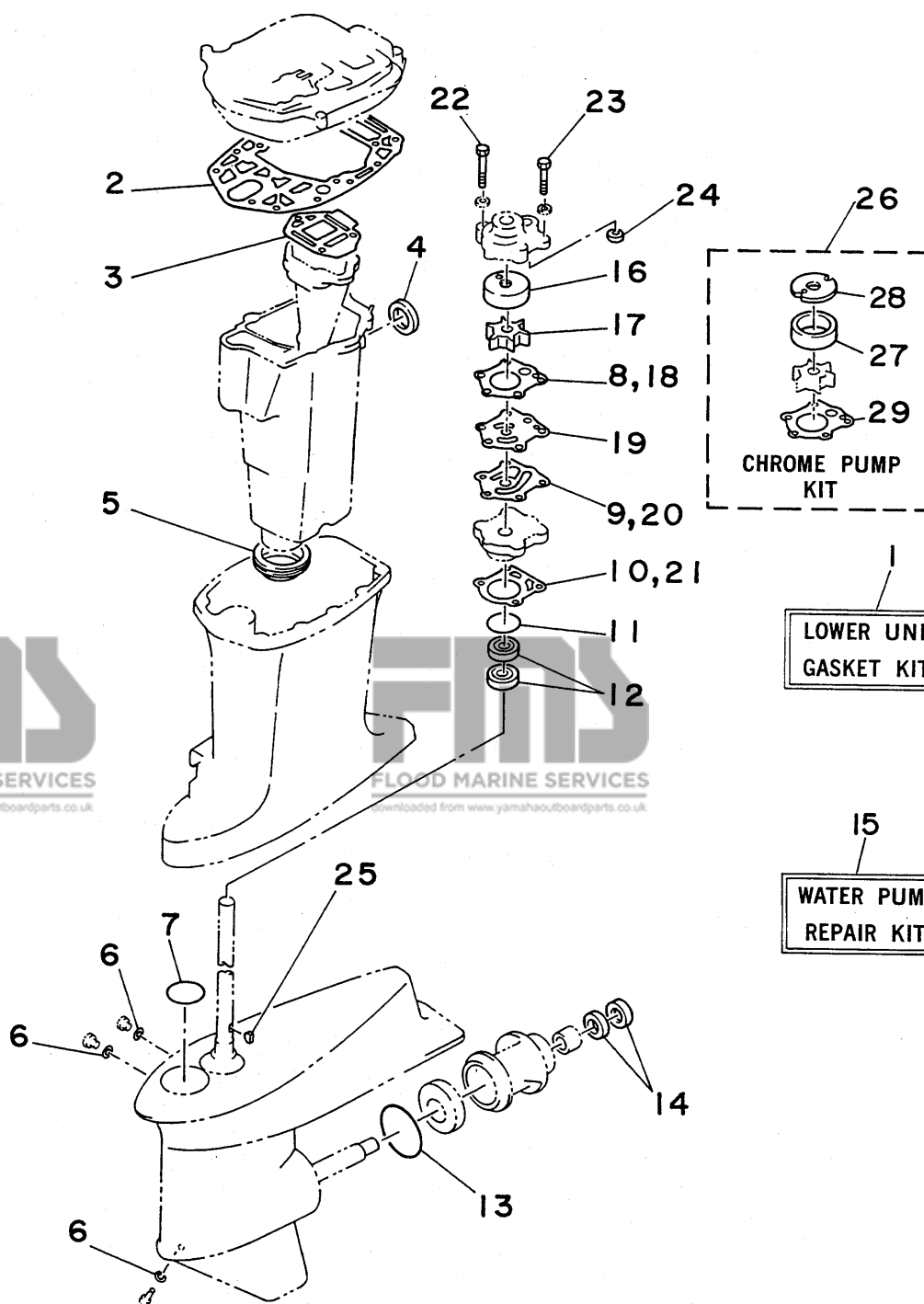
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Fig. 27 REPAIR KIT 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-W0001-20	LOWER UNIT GASKET KIT	1	16	663-44322-00	.INSERT, cartridge	1
2	6H4-45114-00	.GASKET, upper casing	1	17	6H4-44352-00	.IMPELLER	1
3	6H4-41134-00	.GASKET, exhaust manifold	1	18	663-44315-00	.GASKET, water pump	1
4	6H4-41133-00	.GASKET, exhaust manifold 1	1	19	663-44323-00	.OUTER PLATE, cartridge	1
5	663-45123-00	.GASKET, muffler	1	20	663-44324-00	.GASKET, cartridge	1
6	90430-08020	.GASKET	3	21	663-44316-00	.GASKET, water pump	1
7	93210-49046	.O-RING	1	22	97395-08055	.BOLT	2
8	663-44315-00	.GASKET, water pump	1	23	97395-08045	.BOLT	2
9	663-44324-00	.GASKET, cartridge	1	24	663-44366-00	.DAMPER, water seal	1
10	663-44316-00	.GASKET, water pump	1	25	90280-03024	.KEY, woodruff	1
11	93210-41042	.O-RING	1	26	6H4-W0078-0A	CHROME PUMP KIT	1
12	93101-23070	.OIL SEAL	2	27	670-44322-01	.INSERT, cartridge	1
13	93210-66262	.O-RING	1	28	670-44321-00	.INNER PLATE, cartridge	1
14	93101-22067	.OIL SEAL	2	29	670-44323-00	.OUTER PLATE, cartridge	1
15	6H4-W0078-00	WATER PUMP REPAIR KIT	1				



50D (6H5)

50D



CONTENTS

Fig. 1	CYLINDER. CRANKCASE	120
Fig. 2	CRANKSHAFT. PISTON	122
Fig. 3	INTAKE	124
Fig. 4	CARBURETOR	126
Fig. 5	OIL PUMP	128
Fig. 6	STARTER	130
Fig. 7	FUEL	132
Fig. 8	TOP COWLING	134
Fig. 9	BOTTOM COWLING	136
Fig. 10	BRACKET	138
Fig. 11	CONTROL	140
Fig. 12	UPPER CASING	142
Fig. 13	LOWER CASING. DRIVE 1	144
Fig. 14	LOWER CASING. DRIVE 2	146
Fig. 15	MAGNETO	148
Fig. 16	ELECTRICAL	150
Fig. 17	ALTERNATE 1 (50DEO/50DETO MODEL)	152
Fig. 18	ALTERNATE 2 (50DEO/50DETO MODEL)	154
Fig. 19	ALTERNATE 3 (50DETO MODEL)	156
Fig. 20	ALTERNATE 4 (50DETO MODEL)	158
Fig. 21	ALTERNATE 5 (50DETO MODEL)	160
Fig. 22	ALTERNATE 6 (50DRO SHORT TRANSOM)	162
Fig. 23	ALTERNATE 7 (50DRO SHORT TRANSOM)	164
Fig. 24	ALTERNATE 8 (50DEO/50DETO MODEL)	166
Fig. 25	ALTERNATE 9 (50DEO/50DETO MODEL)	168
Fig. 26	ALTERNATE 10 (50DEO/50DETO MODEL)	170
Fig. 27	REPAIR KIT 1	172
Fig. 28	REPAIR KIT 2	174

Fig. 1 CYLINDER. CRANKCASE

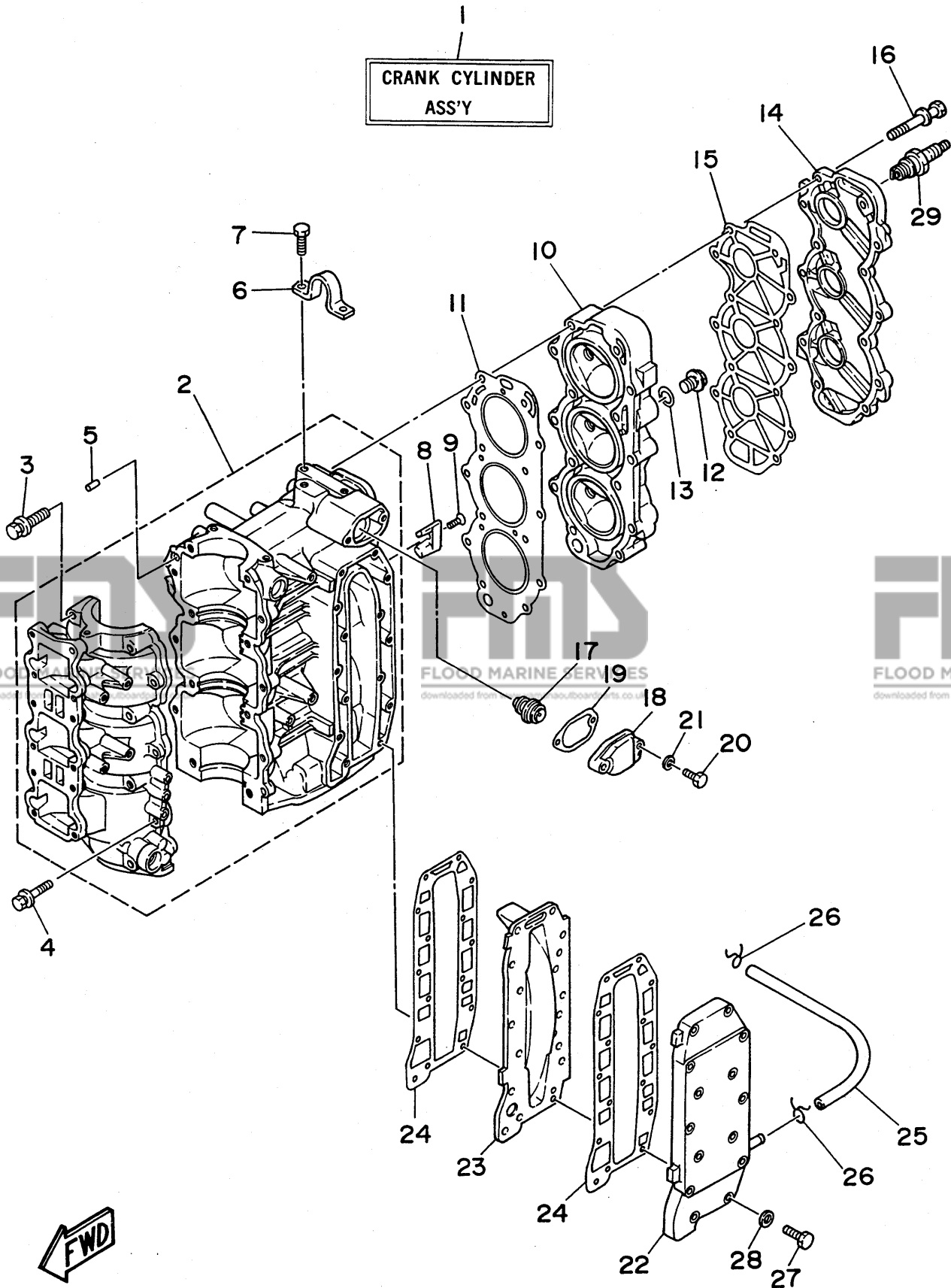


Fig. 1 CYLINDER. CRANKCASE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-W0090-13-EJ	CRANK CYLINDER ASSY (Ref. No. 2 to 28 and Fig. 2, Ref. No. 1 to 20)	1	15	6H4-11193-00	GASKET, head cover 1	1
2	6H4-15100-10-94	CRANKCASE ASSY	1	16	90119-08M29	BOLT, with washer	14
3	90119-08M19	BOLT, with washer	8	17	6E5-12411-10	THERMOSTAT	1
4	90119-06M13	BOLT, with washer	6	18	6H4-12413-00-9M	COVER, thermostat	1
5	93606-12019	PIN, dowel	2	19	6H4-12414-00	GASKET, cover	1
6	6H4-11119-00	HANGER, engine	1	20	97313-06025	BOLT	2
7	97313-06014	BOLT	2	21	92990-06600	WASHER, plate	2
8	688-11325-00	ANODE	2	22	6H4-41113-00-9M	OUTER COVER, exhaust	1
9	98680-04016	SCREW, oval head	2	23	6H4-41111-00-9M	INNER COVER, exhaust	1
10	6H4-11111-00-94	HEAD, cylinder 1	1	24	6H4-41114-00	GASKET, exhaust outer cover	2
11	6H4-11181-00	GASKET, cylinder head 1	1	25	90445-09M37	HOSE	1
12	90340-14M00	PLUG, straight screw	1	26	90467-08004	CLIP	2
13	90430-14115	GASKET	1	27	97013-06035	BOLT	14
14	6H4-11191-00-9M	COVER, cylinder head 1	1	28	92990-06600	WASHER, plate	14
				29	94702-00247	PLUG, spark (NGK BR8HS 10)	3

Fig. 2 CRANKSHAFT. PISTON

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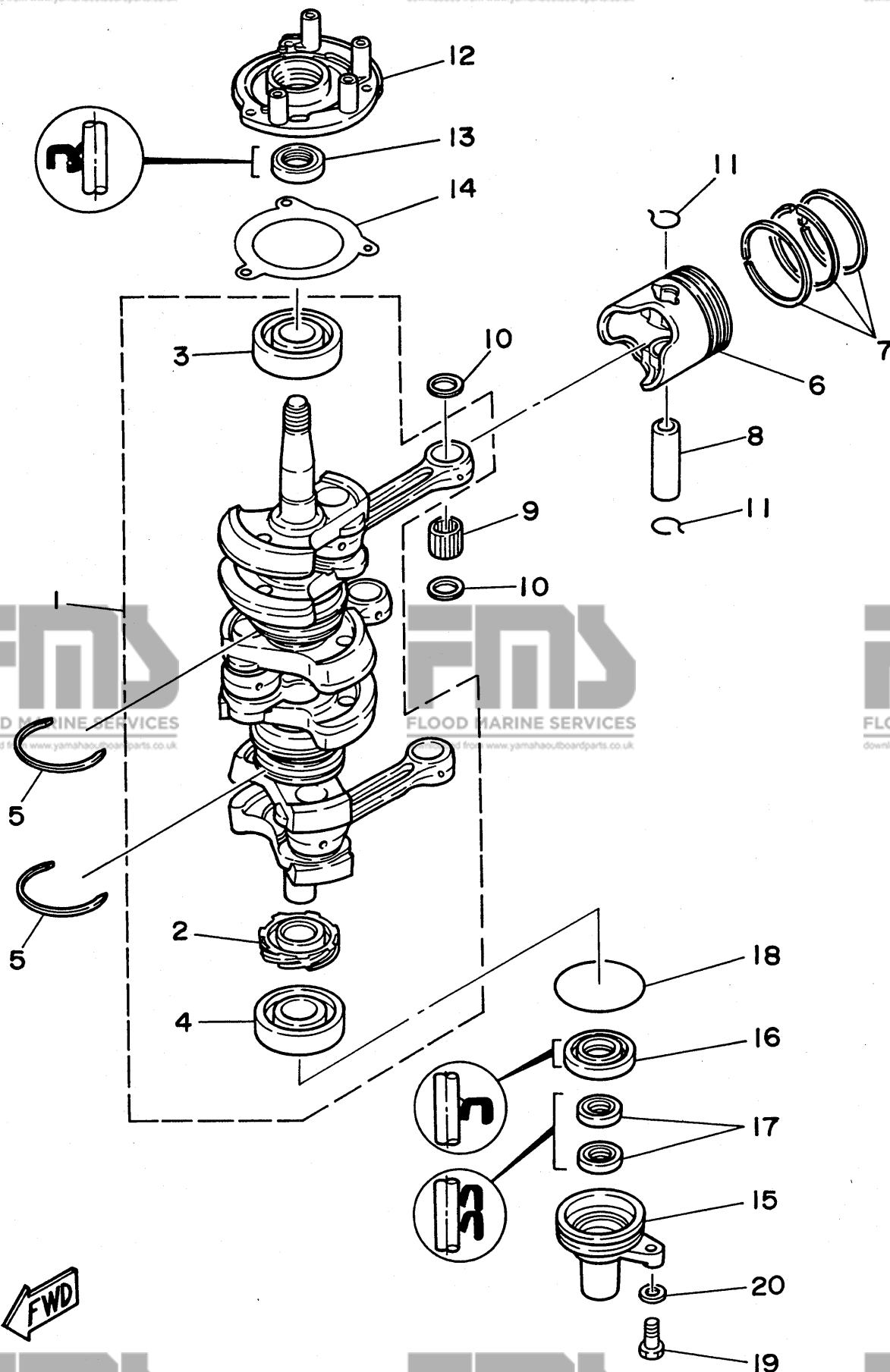


Fig. 2 CRANKSHAFT. PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-11400-13	CRANKSHAFT ASSY	1	9	93602-20M02	PIN, dowel	93
2	6H4-11536-00	.GEAR, drive	1	10	6H4-11641-00	WASHER, piston pin	6
3	93306-305U8	.BEARING	1	11	6H4-11634-01	CLIP, piston pin	6
4	93306-305U2	.BEARING	1	12	6H4-15359-02	HOUSING, oil seal	1
5	93440-62057	CIRCLIP	2	13	93102-23096	OIL SEAL	1
6	6H4-11631-00-96	PISTON (STD)	3	14	6H4-15369-00	GASKET, oil seal housing	1
	6H4-11635-00	PISTON (0.25MM O/S)	3 AP	15	6H4-15396-02-9M	HOUSING, oil seal	1
	6H4-11636-00	PISTON (0.50MM O/S)	3 AP	16	93102-25M28	OIL SEAL	1
7	6H4-11610-00	PISTON RING SET (STD)	3	17	93104-16M01	OIL SEAL	2
	6H4-11610-10	PISTON RING SET (1ST O/S)	3 AP	18	93210-57M09	O-RING	1
	6H4-11610-20	PISTON RING SET (2ND O/S)	3 AP	19	97313-06020	BOLT	1
8	648-11633-00	PIN, piston	3	20	92990-06600	WASHER, plate	1

Fig. 3 INTAKE

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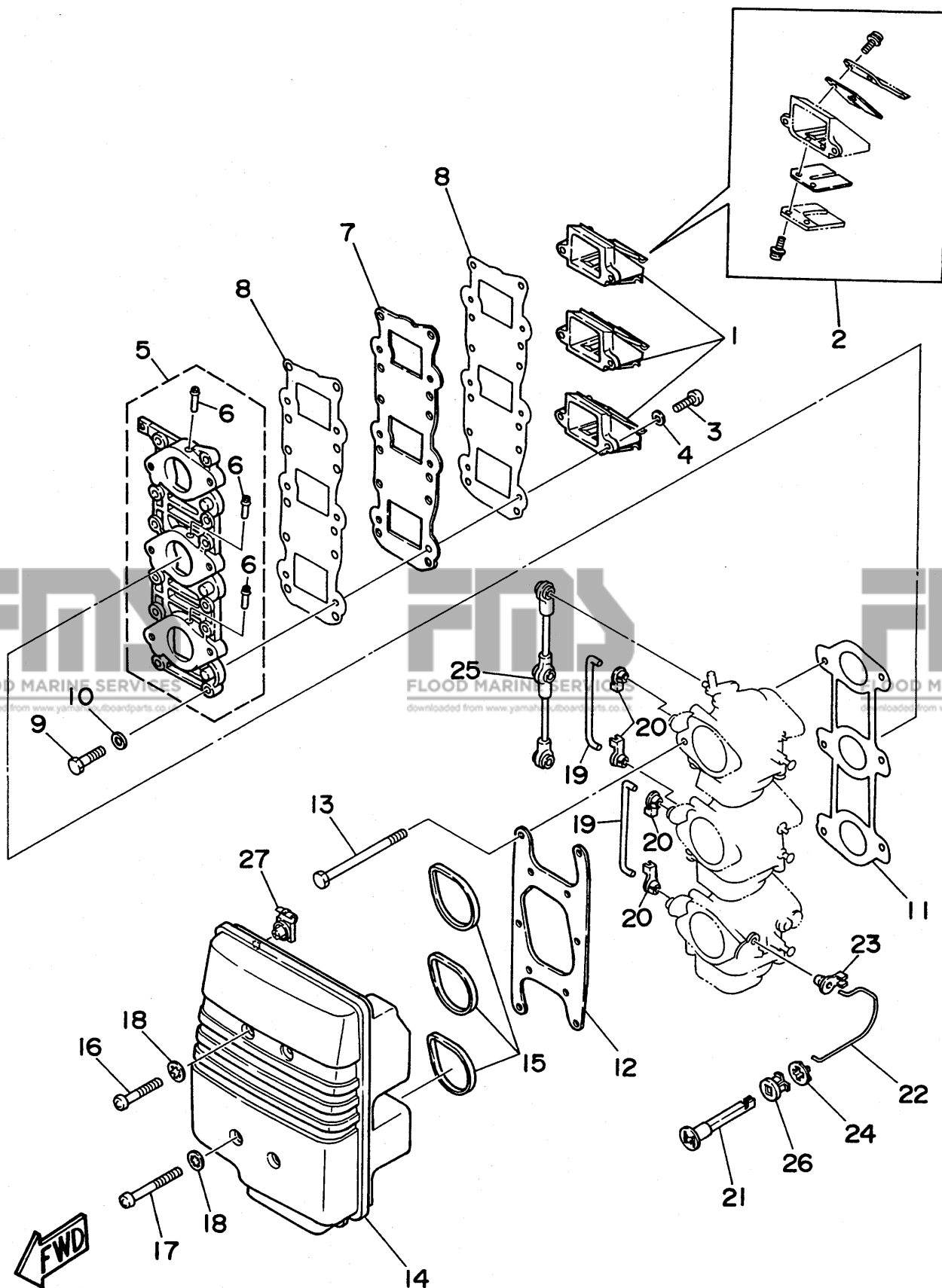


Fig. 3 INTAKE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-13610-00	REED VALVE ASSY	3	6H4-14431-11	SILENCER, intake 1 (50DRO Model)	1 UR	
2	6H4-W0004-00	.REED SET	1				
3	97803-05014	SCREW, pan head	6	15	6H3-14457-01	SEAL	3
4	92990-05600	WASHER, plate	6	16	92580-06040	SCREW, pan head	2
5	6H4-13641-11-94	MANIFOLD 1	1	17	97803-06055	SCREW, pan head	2
6	6H1-14485-00	.PIPE, joint	3	18	90209-06M05	WASHER	4
7	6H4-13624-00-94	PLATE, reed valve	1	19	6H4-41257-00	ROD, choke 2	2
8	6H4-13621-00	GASKET, valve seat	2	20	661-41262-02	JOINT, choke lever	4
9	97313-06025	BOLT	12	21	6H4-41271-01	KNOB, choke	1
10	92990-06600	WASHER, plate	12	22	6H4-41259-01	ROD, choke 3	1
11	6H4-14198-00	GASKET	1	23	6J8-41262-00	JOINT, choke lever	1
12	6H4-14406-00	HINGE	1	24	6J8-41274-00	GROMMET 2	1
13	97313-06095	BOLT	6	25	6H4-41217-00	ROD, accel. lever	1
14	6H4-14431-01	SILENCER, intake 1 (50DE0/50DETO Model)	1 UR	26	689-41273-00	GROMMET	1
				27	90464-06M19	CLAMP (50DRO Model)	1

Fig. 4 CARBURETOR

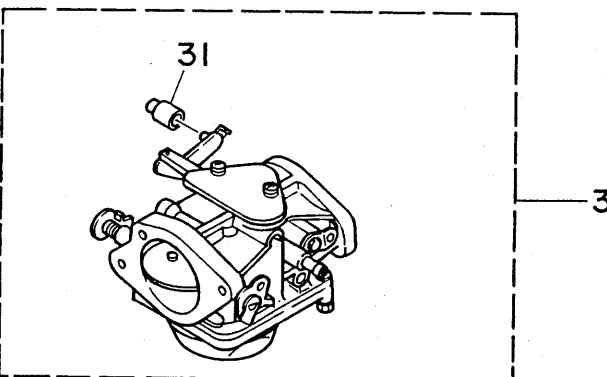
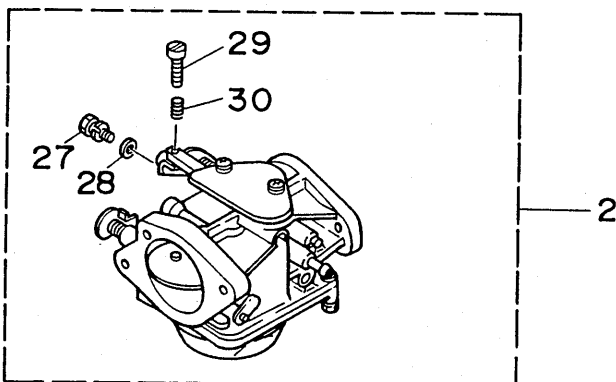
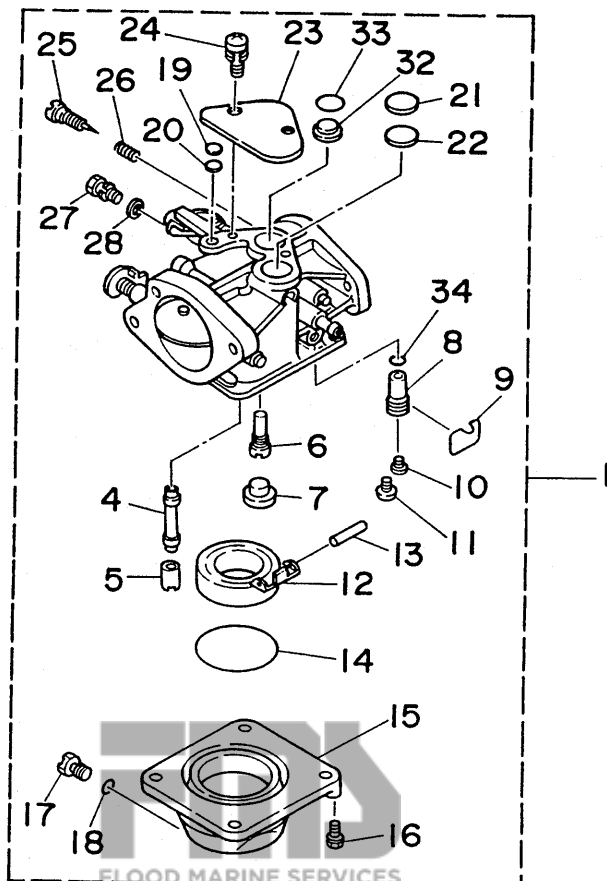
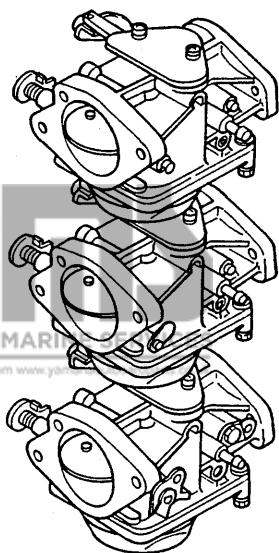


Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-14301-06	CARBURETOR ASSY 1	1	18	93210-04230	.O-RING	3
2	6H5-14302-06	CARBURETOR ASSY 2	1	19	663-14126-00	.GASKET	3
3	6H5-14303-06	CARBURETOR ASSY 3	1	20	663-14527-00	.PLATE	3
4	6H5-14947-05	.JET, needle	3	21	688-14126-00	.GASKET	3
5	676-14943-33	.JET, main (#130)	3	22	688-14527-00	.PLATE	3
6	6H5-14948-15	.JET (#70)	3	23	6H2-14527-01	.PLATE	3
7	676-14966-00	.CAP	3	24	97980-05310	.SCREW, with washer	6
8	6H3-14590-00	.NEEDLE VALVE ASSY	3	25	692-14923-00	.SCREW, pilot	3
9	663-14159-00	.CLIP	3	26	679-14555-00	.SPRING	3
10	676-14186-00	.PIN, float	3	27	663-14592-00	.SCREW	3
11	98501-04008	.SCREW, pan head	3	28	90201-05652	.WASHER, plate	4
12	6G1-14985-00	.FLOAT	3	29	663-14523-00	.SCREW, stop	1
13	688-14548-00	.PIN, float arm	3	30	90501-10326	.SPRING, compression	1
14	6G1-14984-00	.O-RING	3	31	6H2-14578-00	.COLLAR	1
15	6H2-14980-00	.BODY, float chamber	3	32	6H3-14578-00	.PLATE	3
16	90159-04M00	.SCREW, with washer	12	33	93210-15M52	.O-RING	3
17	663-14992-00	.SCREW, drain	3	34	93210-04228	.O-RING	3

Fig. 5 OIL PUMP

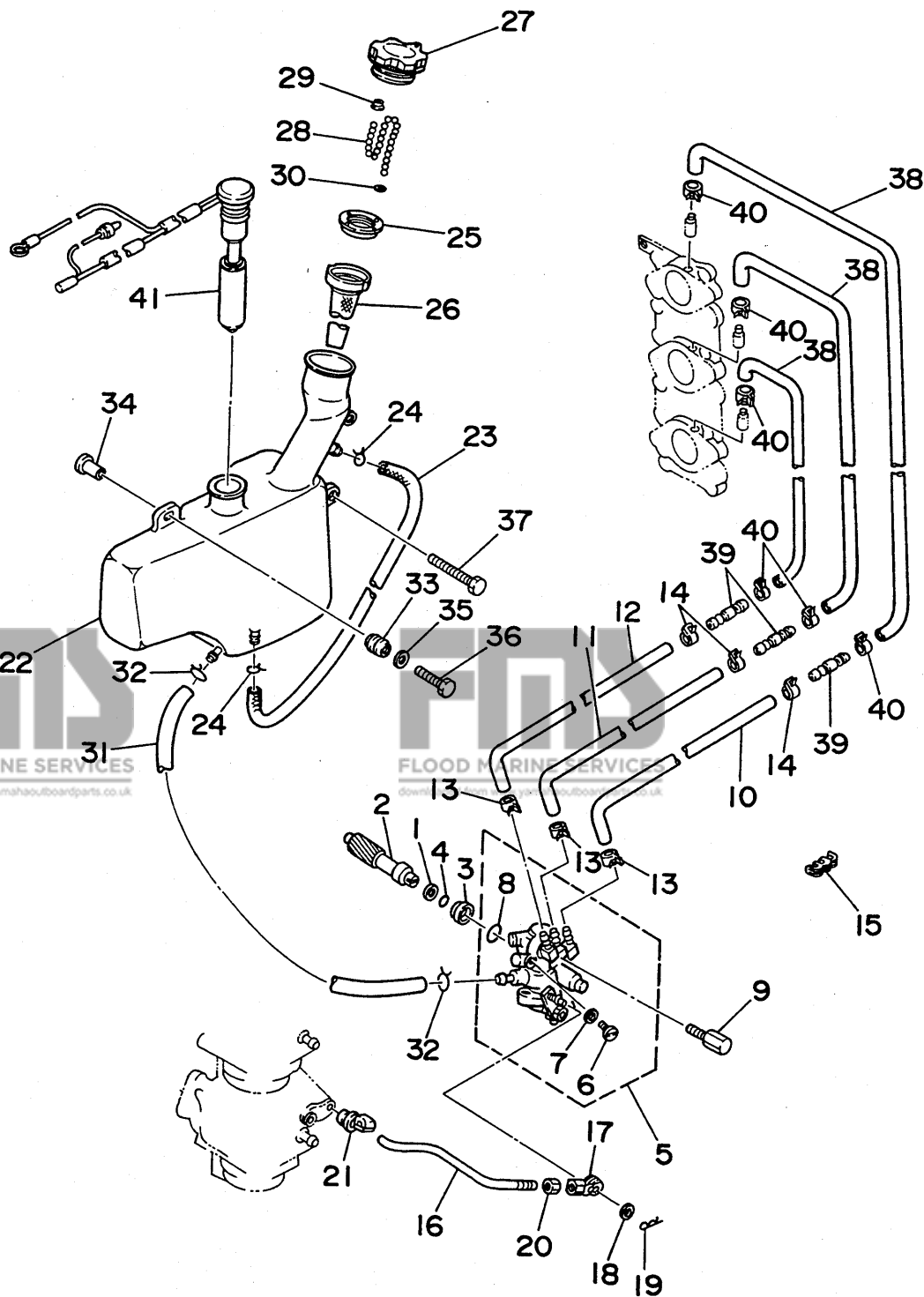


Fig. 5 OIL PUMP

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	90201-08M93	WASHER, plate	1	22	6H4-21707-10	OIL TANK COMP.	1
2	6H4-11537-00	GEAR, driven	1	23	90446-09M08	HOSE	1
3	6H1-13117-00	COLLAR, distance	1	24	90467-08004	CLIP	2
4	93210-13595	O-RING	1	25	6H4-21773-00	GROMMET	1
5	6H4-13200-01	OIL INJECTION PUMP ASSY	1	26	6H1-21756-00	NET, filter	1
6	6E5-13471-00	.PLUG, drain	1	27	6H4-21770-00	OIL TANK CAP ASSY	1
7	6E5-13475-00	.GASKET	1	28	6H4-24633-00	CHAIN, ball	1
8	6E5-14562-00	.O-RING	1	29	6H4-24634-00	HOOK, chain ball	1
9	90109-06M22	BOLT	2	30	6H4-21757-00	WASHER, special 1	1
10	90445-07M44	HOSE	1	31	90445-09M37	HOSE	1
11	90445-07M23	HOSE	1	32	90467-08004	CLIP	2
12	90445-07MA6	HOSE	1	33	6A0-82317-00	DAMPER, ignition coil	3
13	90468-07M02	CLIP	3	34	624-42542-00	PIPE	3
14	90468-07M02	CLIP	3	35	90201-06050	WASHER, plate	3
15	90464-07M05	CLAMP	1	36	97313-06030	BOLT	2
16	6H4-41241-00	ROD, link	1	37	97313-06050	BOLT	1
17	6H1-41237-00	JOINT, link	1	38	90445-07M87	HOSE	3
18	90202-05088	WASHER, plate	1	39	6E5-13132-00	JOINT	3
19	90468-05M03	CLIP	1	40	90468-07M02	CLIP	6
20	95303-05600	NUT	1	41	6H4-85720-20	OIL LEVEL GAUGE ASSY	1
21	6E9-41237-00	JOINT, link	1				

Fig. 6 STARTER

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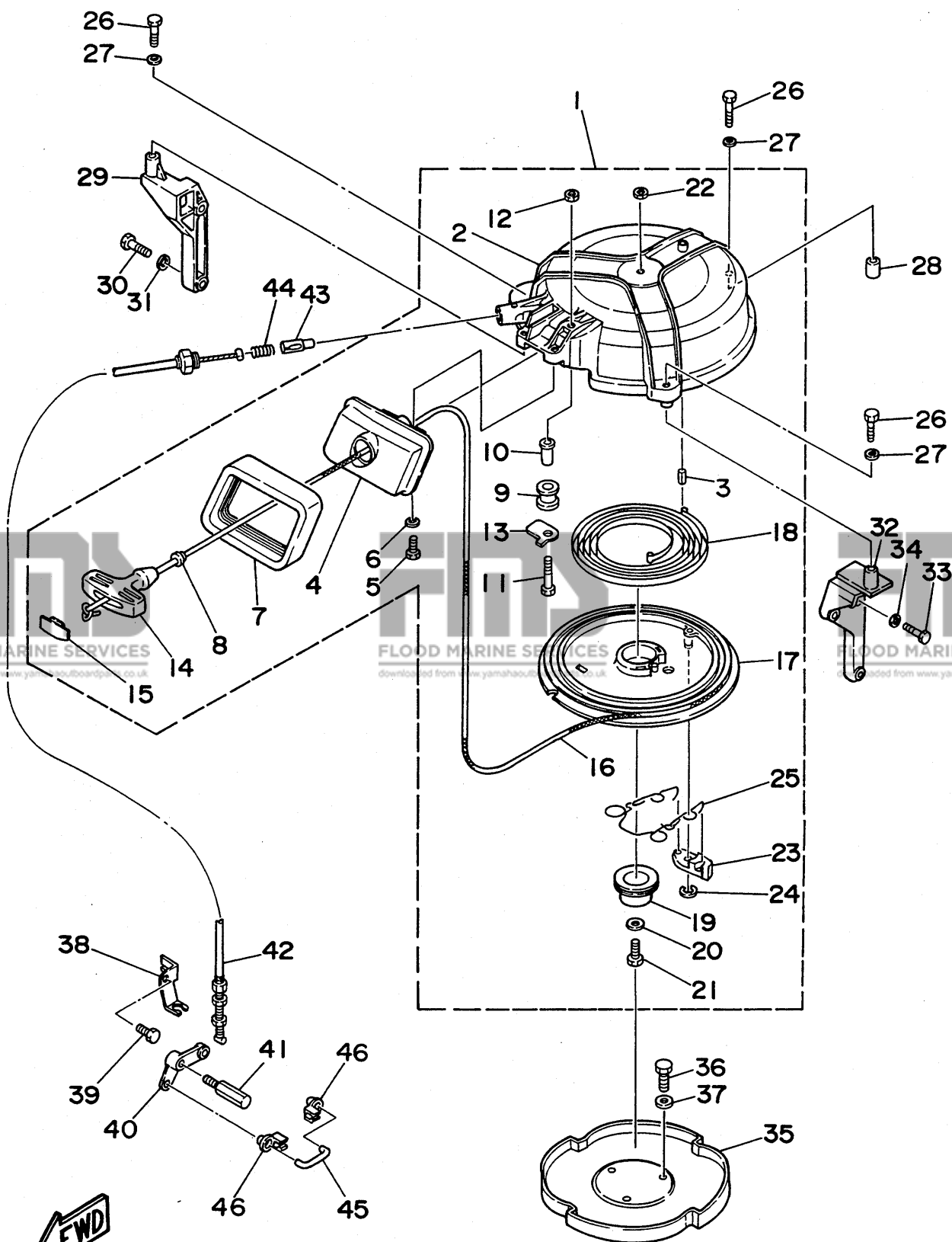
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Fig. 6 STARTER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-15710-01-94	STARTER ASSY	1	24	93430-06M02	.CIRCLIP	1
2	6H4-15711-01-94	CASE, starter	1	25	6H4-15705-00	.SPRING, drive pawl	1
3	91690-40018	.PIN, spring	1	26	97013-06035	BOLT	3
4	6H4-15758-00-94	.GUIDE, rope	1	27	92990-06600	WASHER, plate	3
5	97313-06016	.BOLT	2	28	99530-10014	PIN, dowel	1
6	92990-06600	.WASHER, plate	2	29	6H4-15771-00-94	STAY 1	1
7	6H4-15762-00	.SEAL, rubber 2	1	30	97313-08030	BOLT	2
8	6A0-15789-00	.DAMPER	1	31	92990-08600	WASHER, plate	2
9	6H4-15752-00	.ROLLER, wire	1	32	6H4-15772-00-94	STAY 2	1
10	90387-06M66	.COLLAR	1	33	97313-06025	BOLT	3
11	97013-06035	.BOLT	1	34	92990-06600	WASHER, plate	3
12	95380-06600	.NUT	1	35	6H4-15723-00-94	PULLEY, starter	1
13	6H4-15787-00	.ADAPTOR	1	36	97313-08016	BOLT	3
14	619-15755-01	.HANDLE, starter	1	37	92990-08600	WASHER, plate	3
15	689-15779-01	.COVER	1	38	6H4-15774-10	STAY 4	1
16	*	.WIRE (L:2095mm)	1	39	97313-06012	BOLT	1
17	6H4-15714-00	.DRUM, sheave	1	40	6H4-15746-00	ARM	1
18	90510-08002	.SPRING, spiral	1	41	90109-06M04	BOLT	1
19	6H4-15717-00	.SHAFT, starter	1	42	6H4-15770-10	CABLE COMP., starter stop	1
20	90201-06060	.WASHER, plate	1	43	656-15748-00	PLUNGER, starter stop	1
21	97313-06020	.BOLT	1	44	90501-10227	SPRING, compression	1
22	95303-06600	.NUT	1	45	6H4-15747-10	LINK	1
23	676-15741-03	.PAWL, drive	1	46	661-41262-02	JOINT, choke lever	2

* Cut from 50m rolls, parts No. 90890-44373, Cutting length 2.095m.

Fig. 7 FUEL

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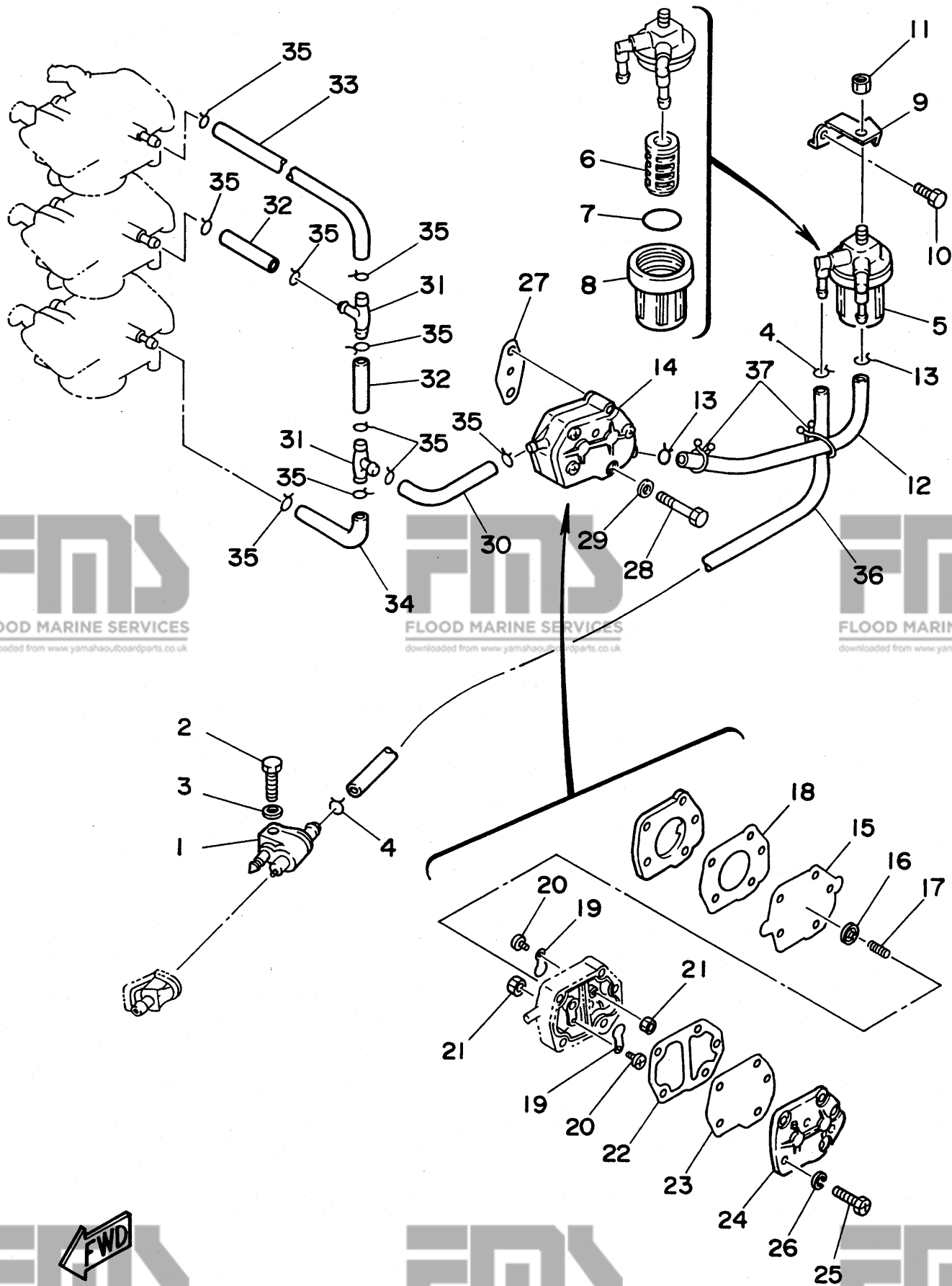
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132



Fig. 7 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G1-24304-02	FUEL PIPE JOINT COMP. 1	1	20	90147-03M00	.SCREW, pan head	2
2	97313-06025	BOLT	1	21	98813-03100	.NUT	2
3	92990-06600	WASHER, plate	1	22	648-24435-02	.GASKET, body 2	1
4	90467-08004	CLIP	2	23	663-24411-00	.DIAPHRAGM	1
5	655-24560-01	FILTER ASSY	1	24	6A0-24413-00	.BODY 2	1
6	6F5-24563-00	.ELEMENT, filter	1	25	98580-05530	.SCREW, pan head	3
7	93210-37M25	.O-RING	1	26	92990-05100	.WASHER, spring	3
8	655-24521-01	.CUP, filter	1	27	650-24431-00	GASKET, fuel pump 1	1
9	6H4-24566-01	BRACKET, filter	1	28	97313-06040	BOLT	2
10	97313-06012	BOLT	1	29	92990-06600	WASHER, plate	2
11	95303-08600	NUT	1	30	90445-09063	HOSE	1
12	6H4-24314-00	PIPE 4	1	31	688-24378-00	PIPE, joint 4	2
13	90467-08004	CLIP	2	32	90445-09057	HOSE	2
14	6A0-24410-02	FUEL PUMP ASSY	1	33	6H4-24313-00	PIPE 3	1
15	648-24411-00	.DIAPHRAGM	1	34	6H4-24312-00	PIPE 2	1
16	648-24424-00	.SEAT, spring	1	35	90467-08004	CLIP	10
17	648-24423-00	.SPRING, diaphragm	1	36	6H4-24311-00	PIPE, fuel 1	1
18	648-24434-00	.GASKET, body	1	37	90464-16039	CLAMP	2
19	6A0-24421-01	.VALVE, check	2				

Fig. 8 TOP COWLING

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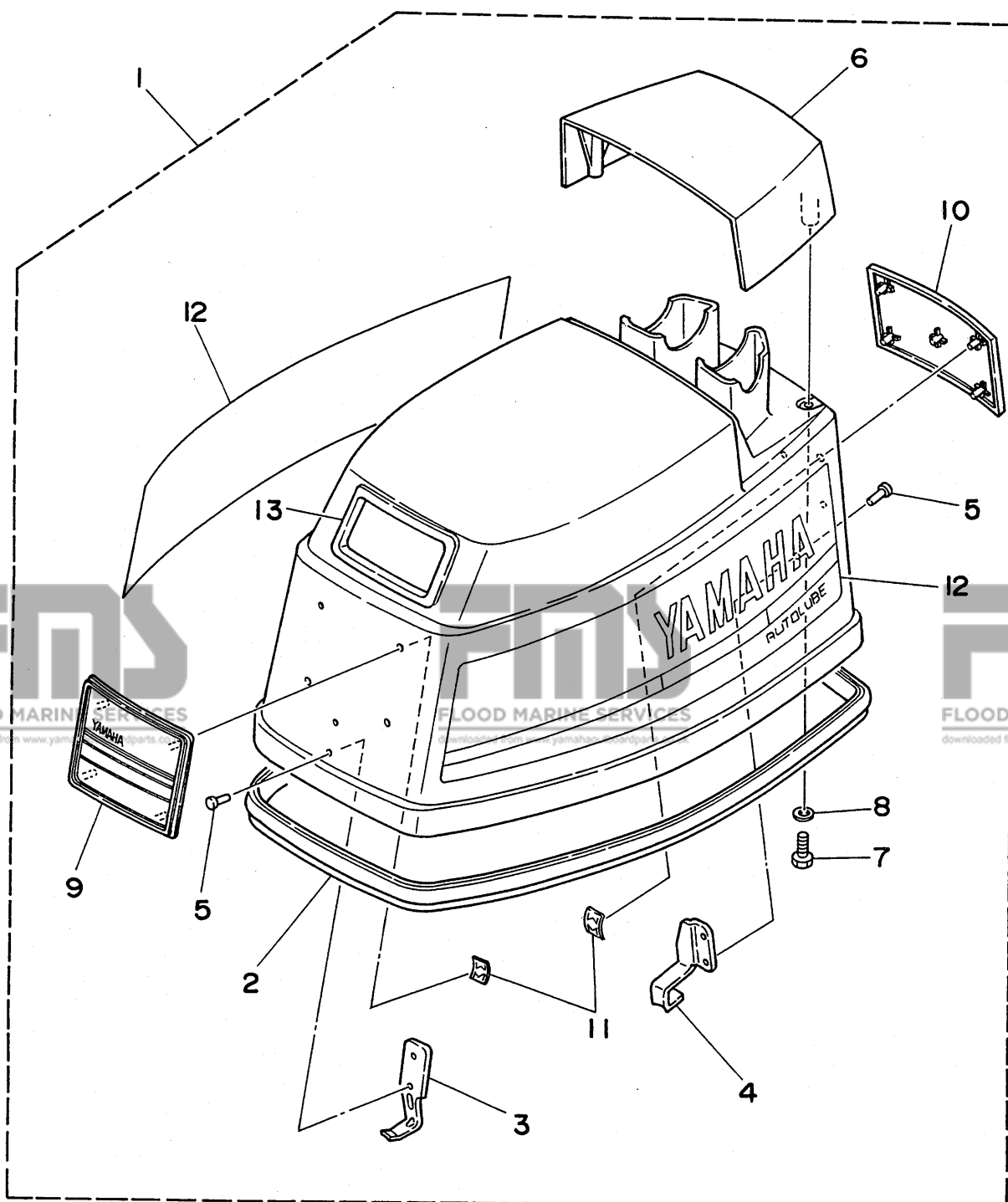


Fig. 8 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-42610-N2-EJ	TOP COWLING ASSY (50DRO Model)	1	8	92990-06600	.WASHER, plate	4
2	6H4-42615-00	.SEAL	1	9	6H5-42686-00	.EMBLEM, front	1
3	6H4-42651-00	.HOOK	1	10	6H5-42687-00	.EMBLEM, rear	1
4	6H4-42652-00	.HOOK	1	11	90183-05M01	.NUT, spring	9
5	90266-04M01	.RIVET	4	12	6H4-W0070-N1	.GRAPHIC SET	1
6	6H4-42613-00-EJ	.MOLDING, air duct	1	13	6H4-15761-00	.SEAL, rubber 1	1
7	97313-06016	.BOLT	4				

Fig. 9 BOTTOM COWLING

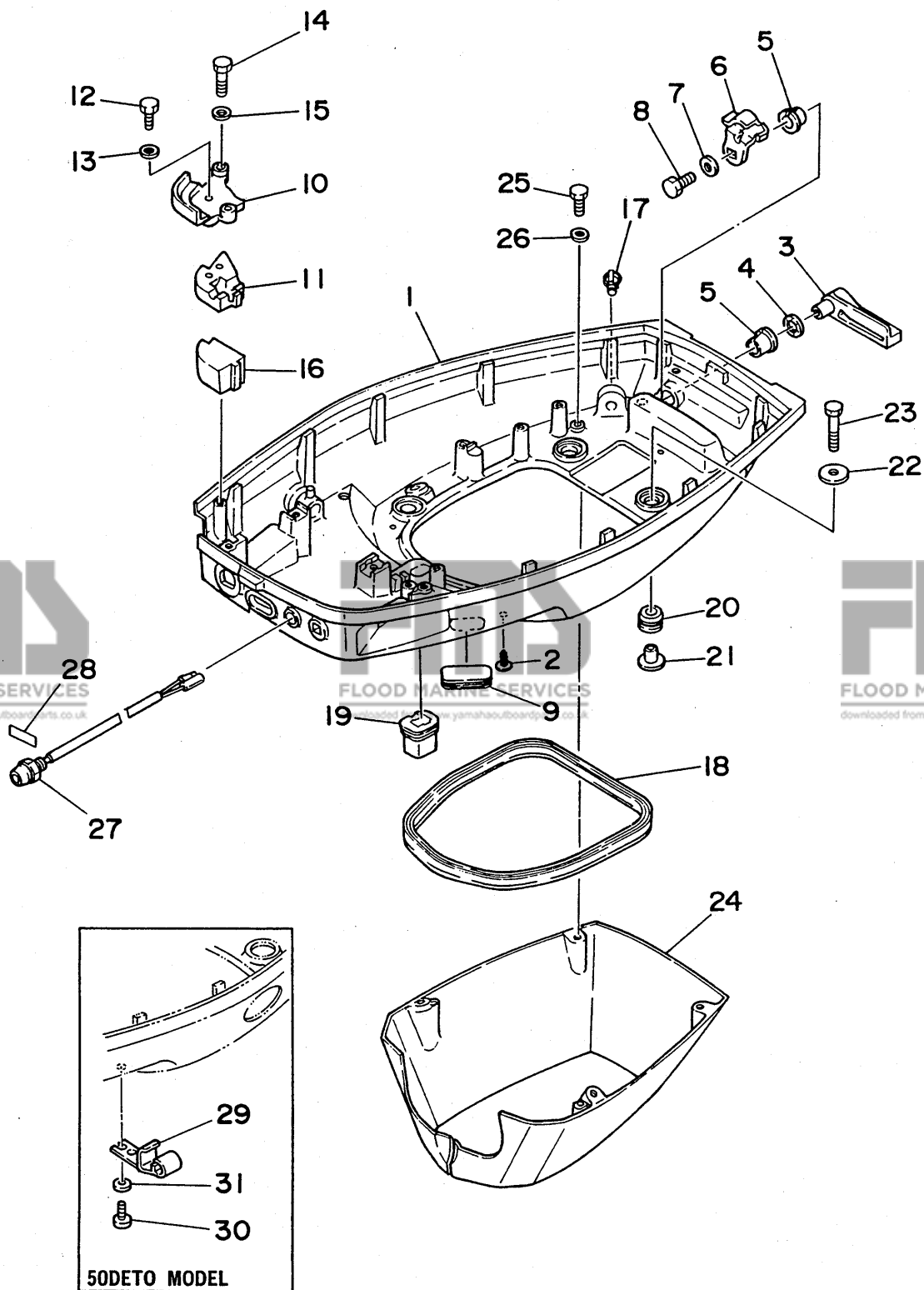


Fig. 9 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-42711-03-EJ	COWLING, bottom (50DRO/50DE0 Model)	1 UR	15	92990-06600	WASHER, plate	2
	6H4-42711-21-EJ	COWLING, bottom (50DETO Model)	1 UR	16	6H4-42724-00	GROMMET	1
2	90338-05M03	PLUG	1	17	6E5-44391-00	NIPPLE, hose	1
3	6H4-42815-00	LEVER, clamp	1	18	6H4-42716-00	RUBBER, seal 1	1
4	90206-12052	WASHER, wave	1	19	682-42727-00	GROMMET	1
5	90386-12069	BUSH	2	20	90480-09M21	GROMMET	4
6	6H4-42816-00	LEVER, clamp	1	21	90387-06M41	COLLAR	4
7	90201-06068	WASHER, plate	1	22	90201-06416	WASHER, plate	4
8	97313-06010	BOLT	1	23	97313-06030	BOLT	4
9	6H4-42726-00	GROMMET (50DRO/50DE0 Model)	1 UR	24	6H4-42741-20	APRON	1
	688-42726-10	GROMMET (50DETO Model)	1 UR	25	97313-06016	BOLT	4
10	6H4-48531-10-94	BRACKET, remote control 1	1	26	92990-06600	WASHER, plate	4
11	6H4-48532-10-94	BRACKET, remote control 2	1	27	6J8-85410-00	OVERHEAT WARNING LAMP	1
12	97313-05016	BOLT	1	28	6H4-85415-10	MARK, signal lamp	1
13	92990-05600	WASHER, plate	1	29	6E5-24367-01	CLAMP, fuel pipe 2 (50DETO Model)	1
14	97313-06020	BOLT	2	30	90157-06M01	SCREW, pan head (50DETO Model)	1
				31	92990-06600	WASHER, plate (50DETO Model)	1

Fig. 10 BRACKET

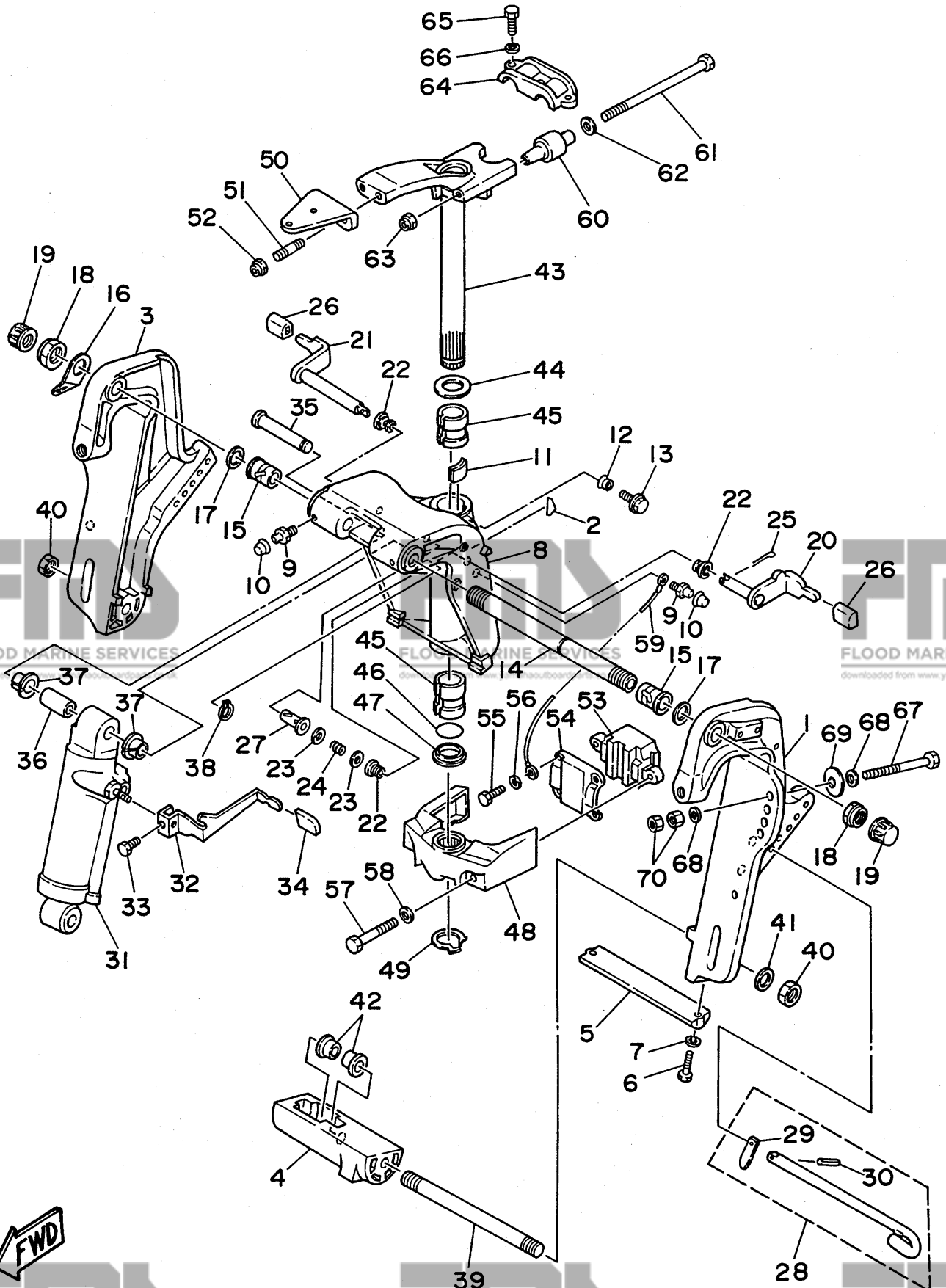
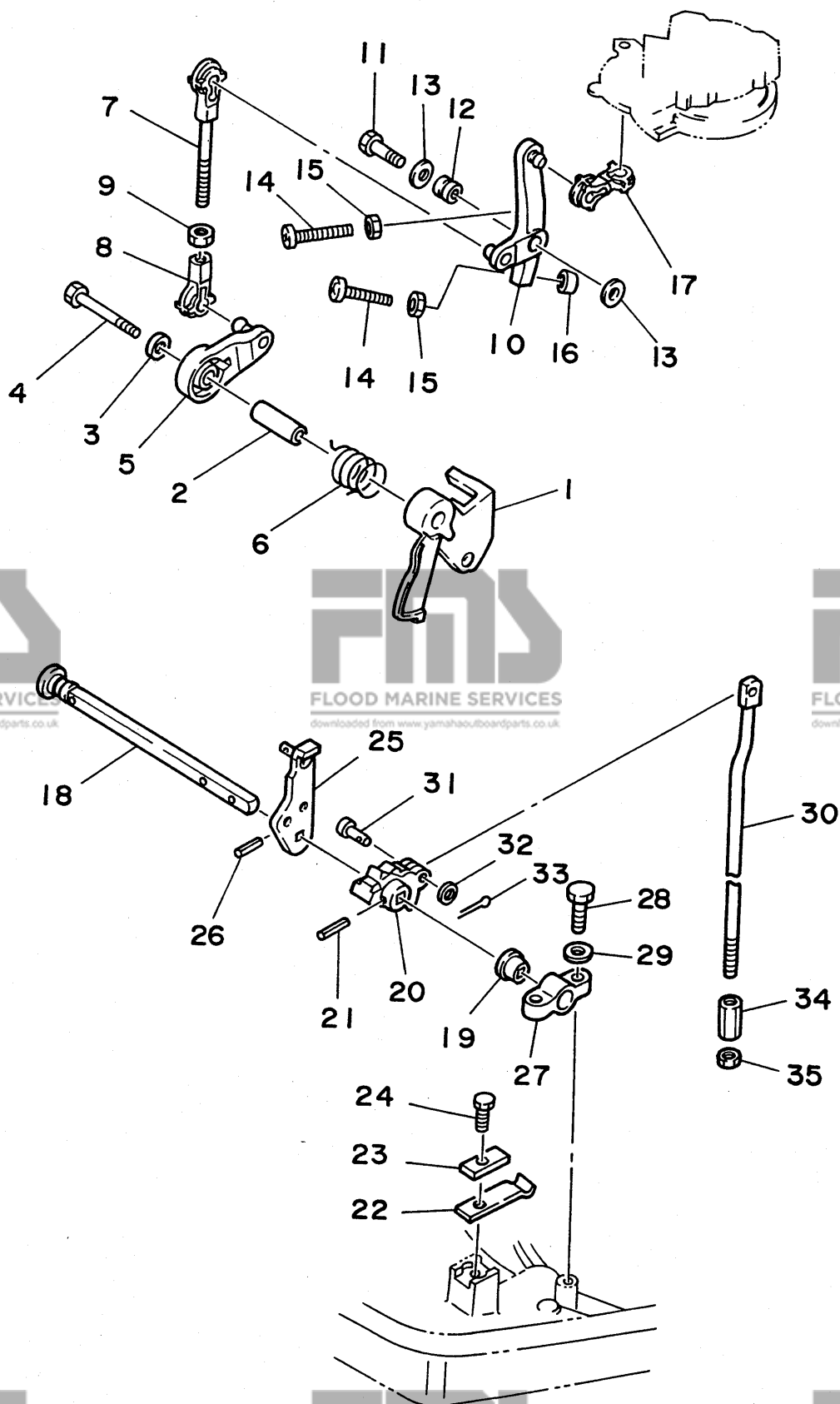


Fig. 10 BRACKET

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-43111-02-EJ	BRACKET, clamp	1	36	90386-12M65	BUSH	1
2	688-43691-01	INDICATOR, tilt	1	37	90386-12M64	BUSH	2
3	6H5-43112-02-EJ	BRACKET, clamp	1	38	93410-12M08	CIRCLIP	1
4	6H5-43128-00-EJ	SPACER, clamp bracket	1	39	90116-18M21	BOLT, stud	1
5	6H1-45251-00	ANODE	1	40	90170-18M10	NUT	2
6	97395-06030	BOLT	2	41	92990-18600	WASHER	1
7	92990-06100	WASHER, spring	2	42	90386-18M44	BUSH	2
8	6H5-43311-01-EJ	BRACKET, swivel	1	43	6H4-42510-01-EJ	STEERING BRACKET ASSY	1
9	93700-06004	NIPPLE, grease	3	44	90201-30M00	WASHER, plate	1
10	663-45119-00	CAP, grease nipple	3	45	90386-30048	BUSH	2
11	6H4-42528-00	PLATE, friction	1	46	93210-29375	O-RING	1
12	689-43373-01	SEAL, damper	1	47	90386-30M60	BUSH	1
13	90105-06M18	BOLT, washer based	1	48	6H4-44551-01-EJ	HOUSING, lower mount rubber	1
14	6J8-43131-01	BOLT, clamp bracket	1	49	93410-28M06	CIRCLIP	1
15	90386-22M15	BUSH	2	50	6H4-48511-50-EJ	HOOK, steering	1
16	6J8-43113-01	PLATE, clamp bracket	1	51	90116-10175	BOLT, stud	2
17	90201-22428	WASHER, plate	2	52	90185-10051	NUT, self-locking	2
18	90185-22043	NUT, self-locking	2	53	6H4-44557-00	MOUNT DAMPER, lower front (Short)	1 UR
19	663-43145-00	CAP, clamp bracket	2		6H4-44557-10	MOUNT DAMPER, lower front (Long)	1 UR
20	6H5-43181-01	LEVER, tilt stop	1	54	6H4-44553-01	COVER, lower mount	1
21	6H5-43185-01	LEVER, tilt stop	1	55	97395-08025	BOLT	4
22	90386-10M16	BUSH	3	56	92990-08600	WASHER, plate	4
23	92990-10600	WASHER, plate	2	57	97395-10060	BOLT	2
24	90501-10M21	SPRING, compression	1	58	92990-10600	WASHER, plate	2
25	91490-30025	PIN, cotter	1	59	6H5-82127-00	WIRE, lead 2	1
26	663-43318-00	COVER	2	60	6H4-44514-00	MOUNT DAMPER, upper side	2
27	90386-10M19	BUSH	1	61	90101-08M86	BOLT	2
28	676-43160-01	TILT ROD ASSY	1	62	90201-09425	WASHER, plate	2
29	676-43165-00	.PLATE, tilt lock	1	63	90185-08045	NUT, self-locking	2
30	91690-30012	.PIN, spring	1	64	6H4-44511-00-94	COVER, upper mount	1
31	6H5-43170-01-EJ	SHOCK ABSORBER ASSY (50DRO/50DEO Model)	1	65	97390-08035	BOLT	3
32	6H5-43631-00	LEVER, tilt (50DRO/50DEO Model)	1	66	92990-08100	WASHER, spring	3
33	97395-06010	BOLT (50DRO/50DEO Model)	1	67	90101-12M65	BOLT	4
34	682-43318-01	COVER (50DRO/50DEO Model)	1	68	92995-12200	WASHER	8
35	6H5-43126-02	PIN, upper shock mount	1	69	90201-12426	WASHER, plate	4
				70	95380-12600	NUT	8

Fig. 11 CONTROL



FWD

Fig. 11 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-41213-13	CAM, accel. (50DRO Model)	1 UR	18	6H4-44111-10	HANDLE, gear shift	1
	6H4-41213-03	CAM, accel. (50DE0/50DETO Model)	1 UR	19	682-44132-00	BUSHING	1
2	90387-06M63	COLLAR	1	20	6H4-44121-01	LEVER, shift rod	1
3	90201-06M31	WASHER, plate	1	21	91690-30318	PIN, spring	1
4	97313-06040	BOLT	1	22	6H4-44116-00	SPRING	1
5	6H4-41632-00	LEVER, magneto control	1	23	682-44117-00	BRACKET	1
6	90508-26M20	SPRING, torsion	1	24	97313-06016	BOLT	1
7	6H4-41636-01	ROD, magneto control	1	25	6H4-44125-01	LEVER, shift rod	1
8	682-41237-00	JOINT, link	1	26	91690-30316	PIN, spring	1
9	95303-05600	NUT	1	27	6F5-41662-00	BRACKET	1
10	6H4-41631-01	LEVER, magneto control	1	28	97313-06020	BOLT	2
11	97313-06025	BOLT	1	29	92990-06600	WASHER, plate	2
12	90387-06M04	COLLAR	1	30	6H4-44143-00	ROD, shift	1
13	90201-06M31	WASHER, plate	2	31	91790-05020	PIN, clevis	1
14	90157-06M00	SCREW, pan head	2	32	92990-05600	WASHER, plate	1
15	95303-06600	NUT	2	33	91490-16010	PIN, cotter	1
16	688-44194-00	CAP	2	34	648-44146-00	CONNECTOR, shift rod	1
17	6H3-41238-00	JOINT, link	1	35	90170-07021	NUT	1

Fig. 12 UPPER CASING

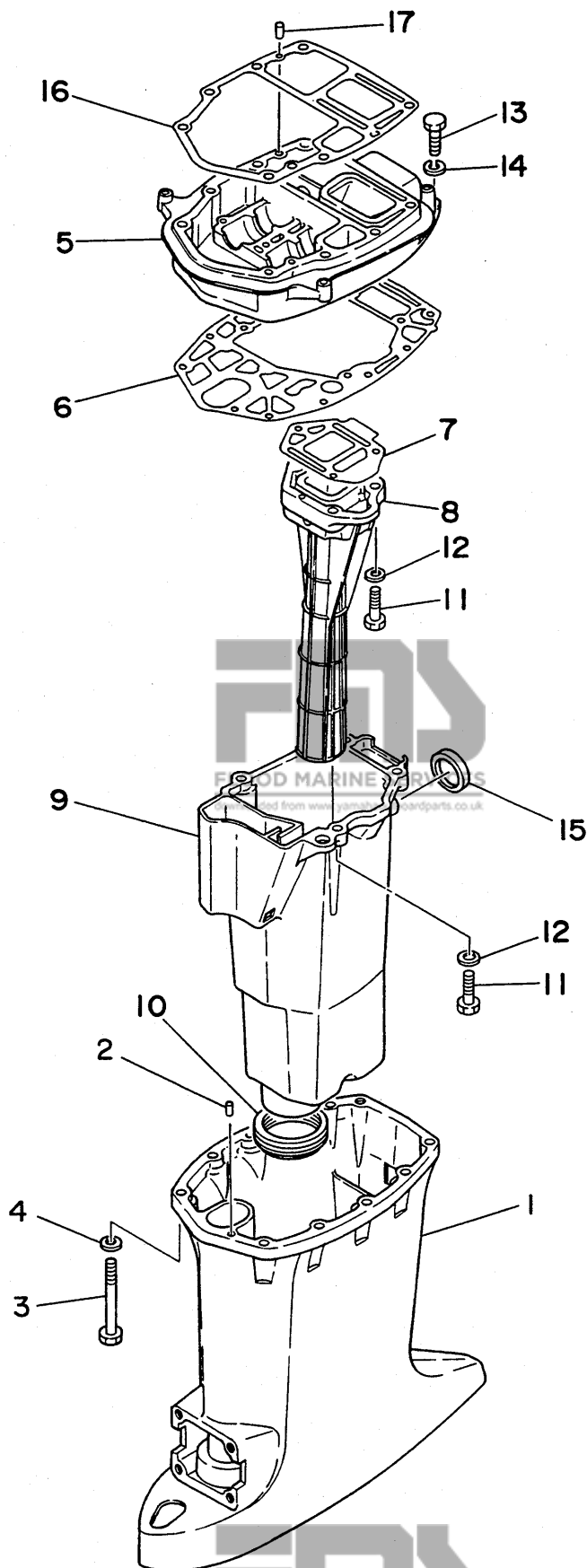


Fig. 12 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-45111-00-EJ CASING, upper (Short)		1 UR	9	6H4-14711-00-9M MUFFLER 1 (Short)		1 UR
	6H4-45111-10-EJ CASING, upper (Long)		1 UR		6H4-14711-10-9M MUFFLER 1 (Long)		1 UR
2	93606-12019	PIN, dowel	2	10	663-45123-00	GASKET, muffler	1
3	97395-08080	BOLT	8	11	97395-08030	BOLT	7
4	92990-08600	WASHER, plate	8	12	92990-08600	WASHER, plate	7
5	6H4-41137-00-94	GUIDE, exhaust	1	13	97395-08030	BOLT	2
6	6H4-45114-00	GASKET, upper casing	1	14	92990-08100	WASHER, spring	2
7	6H4-41134-00	GASKET, exhaust manifold	1	15	6H4-41133-00	GASKET, exhaust manifold 1	1
8	6H5-41131-00-9M	MANIFOLD, ext. 1	1	16	6H4-45113-00	GASKET, upper casing	1
				17	93606-12019	PIN, dowel	2

Fig. 13 LOWER CASING. DRIVE I

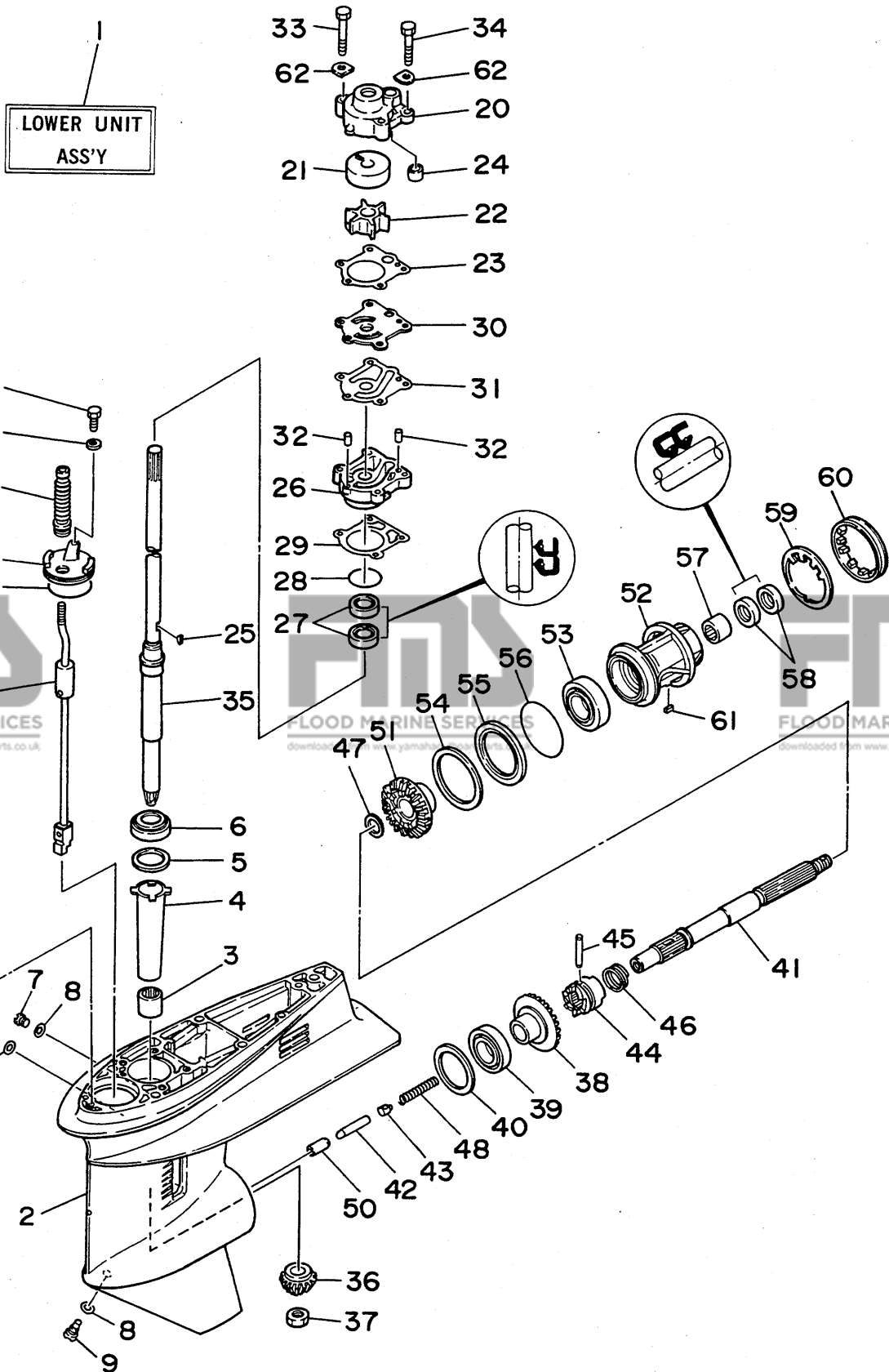


Fig. 13 LOWER CASING. DRIVE 1

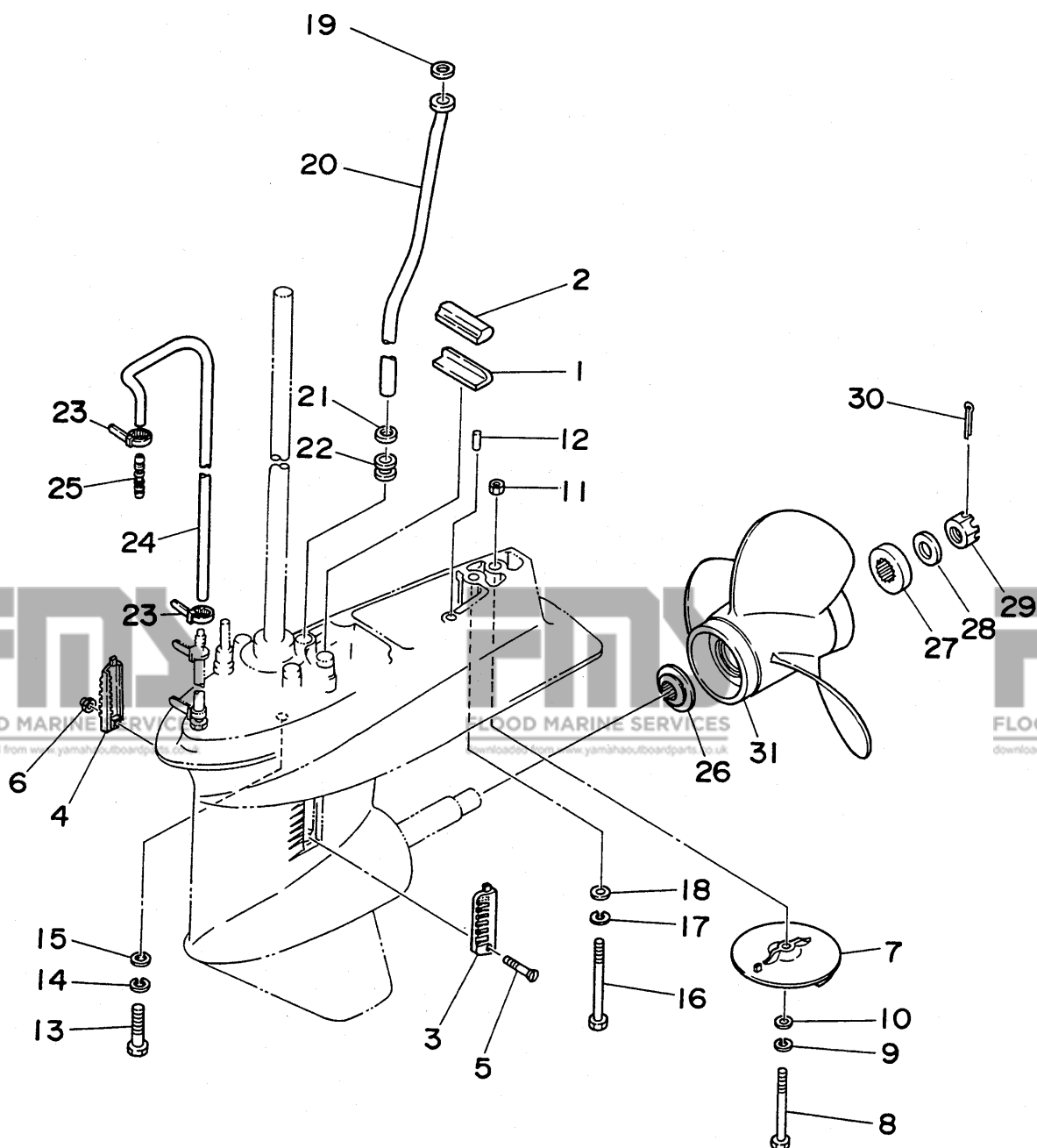
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-45300-01-EJ	LOWER UNIT ASSY (Short) (Ref. No. 2 to 62)	1 UR	34	97395-08045	BOLT	2
	6H4-45300-11-EJ	LOWER UNIT ASSY (Long) (Ref. No. 2 to 62)	1 UR	35	6H4-45501-00	DRIVE SHAFT COMP. (Short)	1 UR
2	6H4-45301-01-EJ	CASING, lower	1		6H4-45501-10	DRIVE SHAFT COMP. (Long)	1 UR
3	93315-32224	BEARING, cylindrical	1	36	6H4-45551-00	PINION	1
4	6H4-45536-00	SLEEVE, drive shaft	1	37	90170-12138	NUT	1
5	663-45587-01-10	SHIM (T:0.10MM)	1 UR	38	6H4-45560-00	GEAR	1
	663-45587-01-12	SHIM (T:0.12MM)	1 UR	39	93332-000V4	BEARING	1
	663-45587-01-15	SHIM (T:0.15MM)	1 UR	40	6H4-45567-01-10	SHIM (T:0.10MM)	1 UR
	663-45587-01-18	SHIM (T:0.18MM)	1 UR		6H4-45567-01-12	SHIM (T:0.12MM)	1 UR
	663-45587-01-30	SHIM (T:0.30MM)	1 UR		6H4-45567-01-15	SHIM (T:0.15MM)	1 UR
	663-45587-01-40	SHIM (T:0.40MM)	1 UR		6H4-45567-01-18	SHIM (T:0.18MM)	1 UR
	663-45587-01-50	SHIM (T:0.50MM)	1 UR		6H4-45567-01-30	SHIM (T:0.30MM)	1 UR
6	93332-00023	BEARING	1		6H4-45567-01-40	SHIM (T:0.40MM)	1 UR
7	90340-08M04	PLUG, straight screw	2		6H4-45567-01-50	SHIM (T:0.50MM)	1 UR
8	90430-08020	GASKET	3	41	679-45611-01	SHAFT, propeller	1
9	688-45341-00	PLUG, drain	1	42	676-45635-00	PLUNGER, shift	1
10	6H4-45321-01	PLATE	1	43	663-45634-00	SLIDE, shift	1
11	93210-49046	O-RING	1	44	6H4-45631-00	CLUTCH, dog	1
12	6G1-44147-00	BOOT, shift rod	1	45	90250-06023	PIN, straight	1
13	97395-06016	BOLT	1	46	663-45633-00	RING, cross pin	1
14	92990-06600	WASHER, plate	1	47	90201-22429	WASHER, plate	1
15	6H4-45378-00	NIPPLE, hose	1	48	90501-16M01	SPRING, compression	1
16	90209-10M14	WASHER	1	49	6H4-44150-00	SHIFT CAM ASSY (Short)	1 UR
17	90445-07ME9	HOSE (Short)	1 UR		6H4-44150-11	SHIFT CAM ASSY (Long)	1 UR
	90445-07M31	HOSE (Long)	1 UR	50	6H4-44160-00	DETENT COMP.	1
18	6E5-83558-00	END, nipple (50DRO/50DE0 Model)	1 UR	51	6H4-45571-00	GEAR	1
	6E5-83558-10	END, nipple (50DETO Model)	1 UR	52	679-45331-00-94	HOUSING, bearing	1
19	90465-11M10	CLAMP	2	53	93306-00702	BEARING	1
20	6J8-44311-00	HOUSING, water pump	1	54	663-45577-01-10	SHIM (T:0.10MM)	1 UR
21	663-44322-00	INSERT, cartridge	1		663-45577-01-12	SHIM (T:0.12MM)	1 UR
22	6H4-44352-00	IMPELLER	1		663-45577-01-15	SHIM (T:0.15MM)	1 UR
23	663-44315-00	GASKET, water pump	1		663-45577-01-18	SHIM (T:0.18MM)	1 UR
24	663-44366-00	DAMPER, water seal	1		663-45577-01-30	SHIM (T:0.30MM)	1 UR
25	90280-03024	KEY, woodruff	1		663-45577-01-40	SHIM (T:0.40MM)	1 UR
26	663-44341-00-94	HOUSING, water pump	1		663-45577-01-50	SHIM (T:0.50MM)	1 UR
27	93101-23070	OIL SEAL	2	55	663-45576-00	WASHER, thrust	1
28	93210-41042	O-RING	1	56	93210-66262	O-RING	1
29	663-44316-00	GASKET, water pump	1	57	93317-22204	BEARING, cylindrical	1
30	663-44323-00	OUTER PLATE, cartridge	1	58	93101-22M00	OIL SEAL	2
31	663-44324-00	GASKET, cartridge	1	59	90214-48M03	WASHER, claw	1
32	93604-08062	PIN, dowel	2	60	697-45384-00	NUT	1
33	97395-08055	BOLT	2	61	90282-04010	KEY, straight	1
				62	90209-08M02	WASHER	4

Fig. 14 LOWER CASING. DRIVE 2

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Fig. 14 LOWER CASING. DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	663-45376-00-94	GUIDE, seal damper	1	28	92990-16200	WASHER, plain	1
2	688-45375-00	DAMPER, seal	1	29	90171-16011	NUT, castle	1
3	688-45214-02	COVER, water inlet	1	30	91490-30025	PIN, cotter	1
4	688-45215-02	COVER, water inlet	1	31	663-45941-01-EL	PROPELLER (3X10-3/4"X17"-G)	1 UR
5	98680-05535	SCREW, oval head	1		663-45943-02-EL	PROPELLER (3X11"X15"-G)	1 UR
6	90185-05002	NUT, self-locking	1		663-45945-02-EL	PROPELLER (3X11-1/8"X13"-G)	1 UR
7	664-45371-01	TAB-TRIM	1		663-45947-02-EL	PROPELLER (3X11-5/8"X11"-G)	1 UR
8	97375-08075	BOLT	1		663-45949-01-EL	PROPELLER (3X10-3/4"X16"-G)	1 UR
9	92990-08100	WASHER, spring	1		663-45952-02-EL	PROPELLER (3X11-3/8"X12"-G)	1 UR
10	92990-08600	WASHER, plate	1		663-45954-01-EL	PROPELLER (3X11-3/4"X10"-G)	1 UR
11	95380-08600	NUT	1		663-45956-01-EL	PROPELLER (3X12-1/4"X9"-G)	1 UR
12	93606-12019	PIN, dowel	2		663-45958-01-EL	PROPELLER (3X11-1/4"X14"-G)	1 UR
13	97375-10040	BOLT	4		6H5-45943-00-EL	PROPELLER (3X10"X15"-G)	
14	92990-10100	WASHER, spring	4			(With Lip Cup)	1 UR
15	92990-10600	WASHER, plate	4		6H5-45945-00-EL	PROPELLER (3X10-3/8"X13"-G)	
16	97395-08085	BOLT	1			(With Lip Cup)	1 UR
17	92990-08100	WASHER, spring	1		6H5-45952-00-EL	PROPELLER (3X10-5/8"X12"-G)	
18	92990-08600	WASHER, plate	1			(With Lip Cup)	1 UR
19	90202-12060	WASHER, plate	1		6H5-45958-00-EL	PROPELLER (3X10-1/4"X14"-G)	
20	6H4-44361-00	TUBE, water (Short)	1 UR			(With Lip Cup)	1 UR
	6H4-44361-10	TUBE, water (Long)	1 UR			STAINLESS STEEL PROPELLER	
21	90430-12072	GASKET	1		663-45970-60-98	PROPELLER (3X11-3/4"X12"-G)	1 UR
22	663-44367-00	DAMPER, water seal	1		663-45972-60-98	PROPELLER (3X12"X11"-G)	1 UR
23	90465-11M10	CLAMP (50DETO Model)	2		663-45974-02-98	PROPELLER (3X10-5/8"X13"-G)	1 UR
24	90445-07MF1	HOSE (50DETO Model)	1		663-45930-00-98	PROPELLER (3X10-1/4"X14"-G)	1 UR
25	6E5-83558-00	END, nipple (50DETO Model)	1		663-45976-00-98	PROPELLER (3X10-1/4"X15"-G)	1 UR
26	663-45987-01	SPACER	1		663-45978-00-98	PROPELLER (3X10-1/4"X16"-G)	1 UR
27	670-45997-01	SPACER	1				

Fig. 15 MAGNETO

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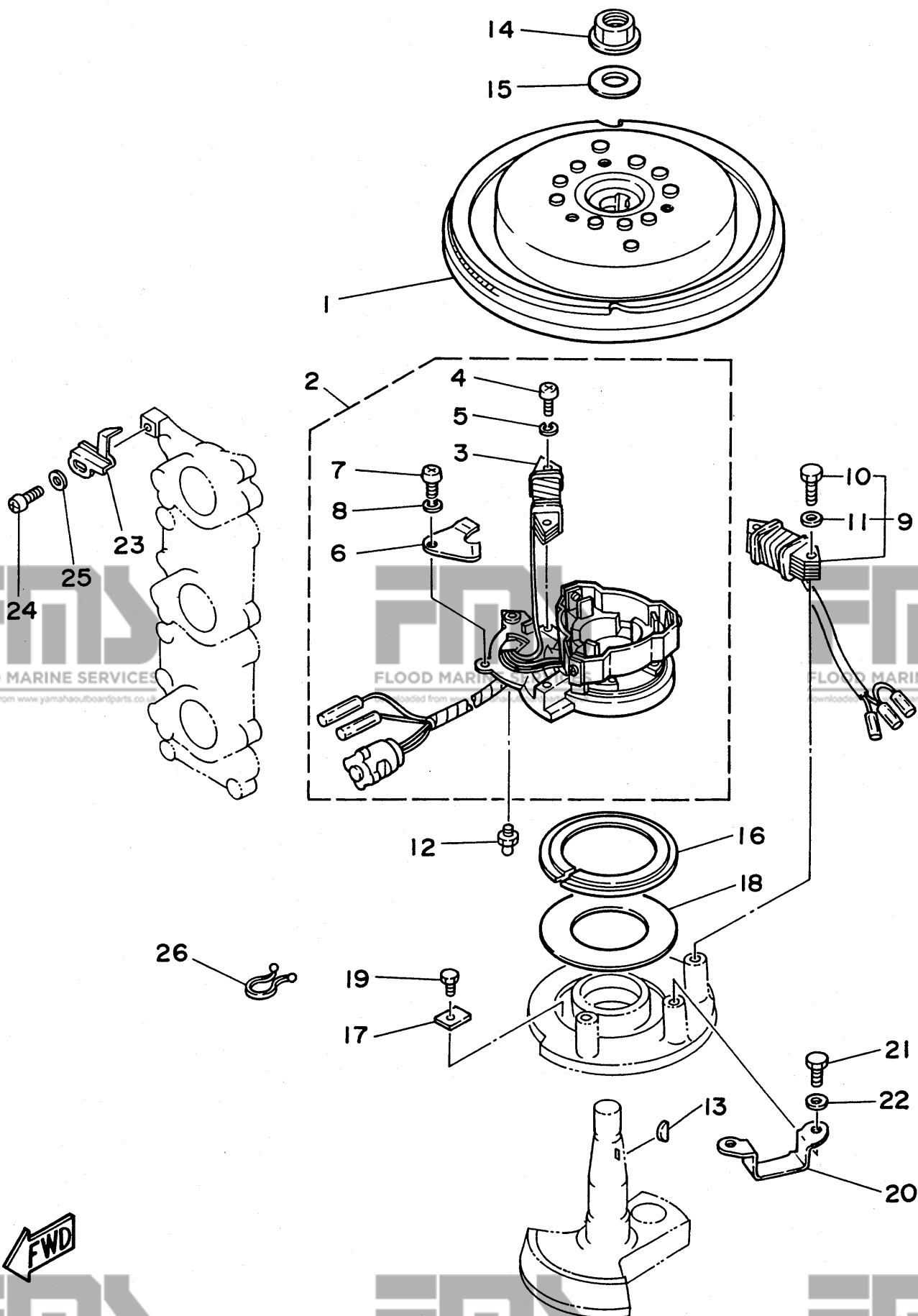
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Fig. 15 MAGNETO

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-85550-F0	ROTOR ASSY	1	14	90179-16M05	NUT	1
2	6H4-85510-F0	STATOR ASSY	1	15	90201-16M44	WASHER, plate	1
3	6H4-85520-00	.COIL, charge	1	16	6H4-41611-10	RETAINER, magneto base	1
4	97802-06020	.SCREW, pan head	2	17	6H4-41612-01	RETAINER, magneto base	3
5	92990-06100	.WASHER, spring	2	18	6J8-41618-00	WASHER, magneto	1
6	6H4-85548-00	.HOLDER	1	19	97313-06020	BOLT	3
7	98501-05008	.SCREW, pan head	1	20	6H4-41613-00	PLATE, base friction	1
8	92990-05100	.WASHER, spring	1	21	97313-06012	BOLT	2
9	6H4-81303-A0	LIGHTING COIL ASSY	1	22	92990-06600	WASHER, plate	2
10	97313-06025	.BOLT	2	23	6H4-81332-00	PLATE, timing	1
11	92990-06600	.WASHER, plate	2	24	98580-05010	SCREW, pan head	1
12	663-85518-00	JOINT, ball	1	25	92990-05600	WASHER, plate	1
13	90280-05049	KEY, woodruff	1	26	90465-18147	CLAMP	3

Fig. 16 ELECTRICAL

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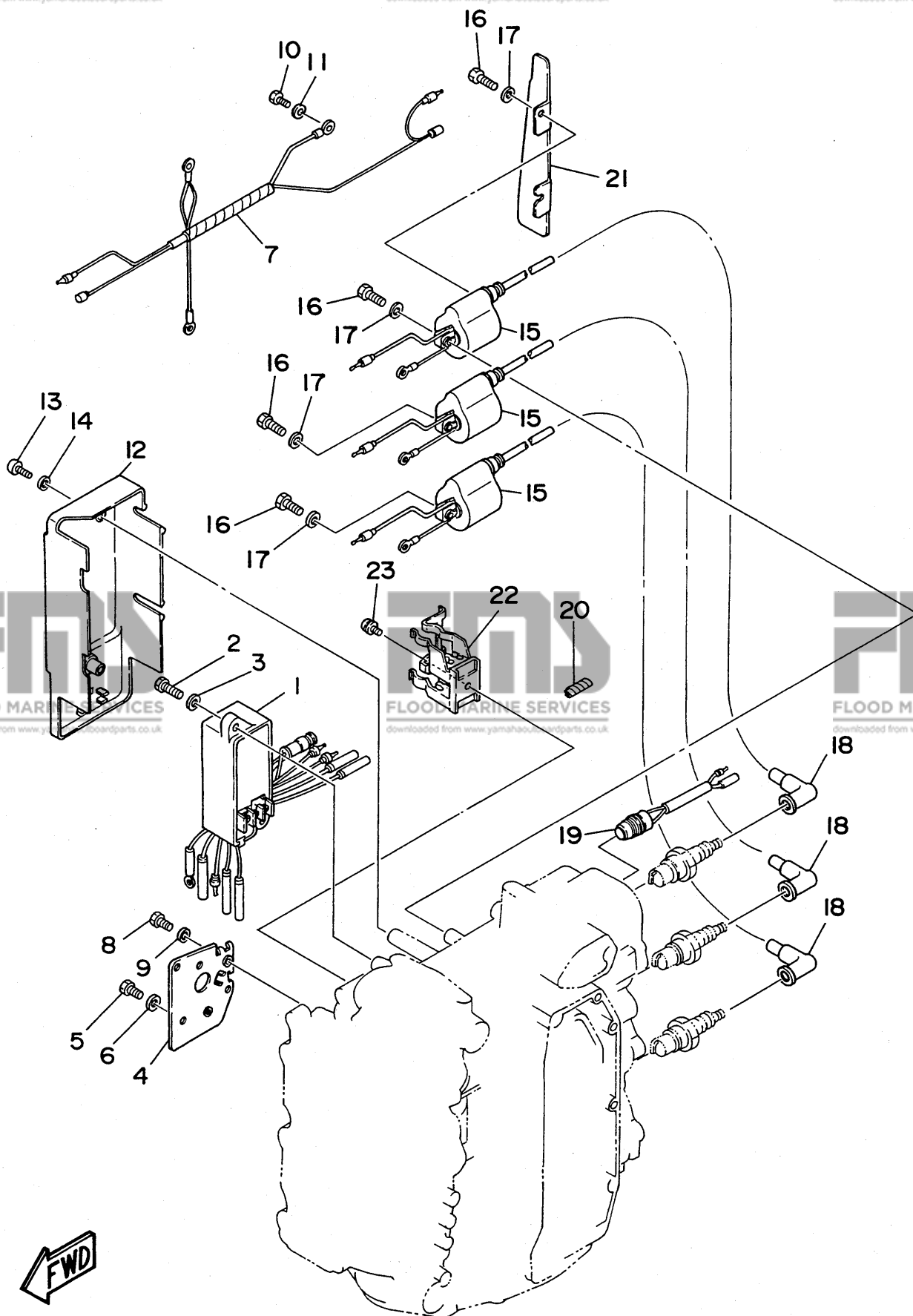
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Fig. 16 ELECTRICAL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-85540-21	C.D.I. UNIT ASSY	1	13	92580-06025	SCREW, pan head	2
2	97313-06025	BOLT	2	14	92990-06600	WASHER, plate	2
3	92990-06600	WASHER, plate	2	15	6H4-85570-20	IGNITION COIL ASSY	3
4	6H4-81975-00	PLATE, rectifier fitting	1	16	97313-06020	BOLT	6
5	97313-06012	BOLT	3	17	92990-06600	WASHER, plate	6
6	92990-06600	WASHER, plate	3	18	6G1-82370-20	PLUG CAP ASSY	3
7	6H4-82531-01	WIRE, lead	1	19	689-82560-00	THERMO SWITCH ASSY	1
8	97313-06012	BOLT	1	20	90446-10M02	HOSE	1
9	92990-06600	WASHER, plate	1	21	6H4-14477-00	PLATE	1
10	97313-06012	BOLT	1	22	6H4-82522-00	CLAMP, coupler	1
11	92990-06600	WASHER, plate	1	23	90159-06M07	SCREW, with washer	1
12	6H4-81916-00	COVER, terminal	1				

Fig. 17 ALTERNATE I (50DEO/50DETO MODEL)

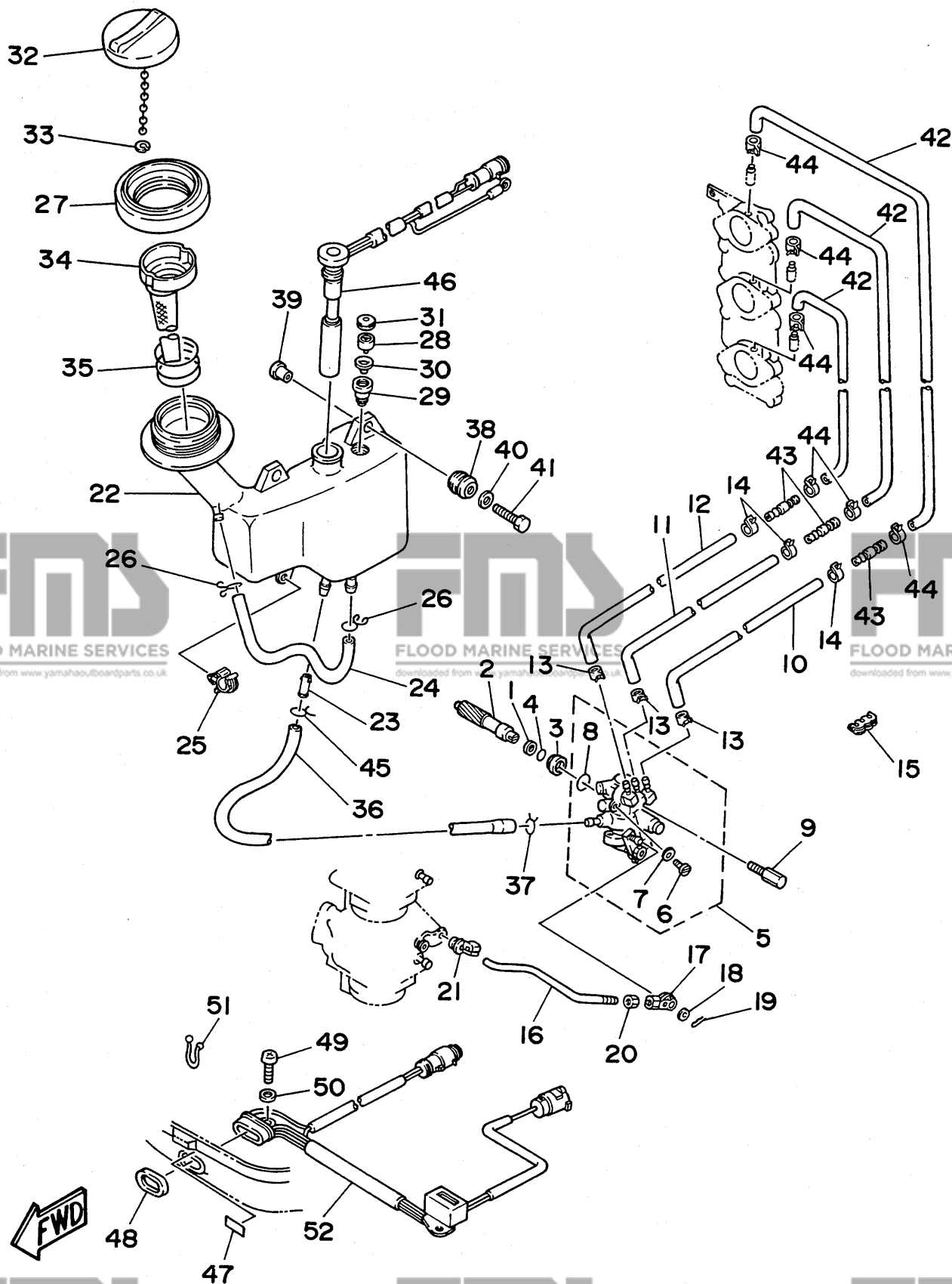


Fig. 17 ALTERNATE 1 (50DE0/50DETO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	90201-08M93	WASHER, plate	1	27	6H4-21735-01	SEAL 2	1
2	6H4-11537-00	GEAR, driven	1	28	6H1-21744-10	BREATHER	1
3	6H1-13117-00	COLLAR, distance	1	29	6H1-21773-00	GROMMET	1
4	93210-13595	O-RING	1	30	90386-03M59	BUSH	1
5	6H4-13200-01	OIL INJECTION PUMP ASSY	1	31	6H1-24217-00	COVER	1
6	6E5-13471-00	.PLUG, drain	1	32	6H1-21770-00	OIL TANK CAP ASSY	1
7	6E5-13475-00	.GASKET	1	33	6H1-21757-00	WASHER, special 1	1
8	6E5-14562-00	.O-RING	1	34	6H1-24251-01	STRAINER 1	1
9	90109-06M22	BOLT	2	35	90501-14M45	SPRING, compression	1
10	90445-07M44	HOSE	1	36	6H4-13416-00	PIPE, oil 1	1
11	90445-07M23	HOSE	1	37	90467-08004	CLIP	1
12	90445-07MA6	HOSE	1	38	6A0-82317-00	DAMPER, ignition coil	3
13	90468-07M02	CLIP	3	39	624-42542-00	PIPE	3
14	90468-07M02	CLIP	3	40	90201-06050	WASHER, plate	3
15	90464-07M05	CLAMP	1	41	97313-06030	BOLT	3
16	6H4-41241-00	ROD, link	1	42	90445-07M87	HOSE	3
17	6H1-41237-00	JOINT, link	1	43	6E5-13132-00	JOINT	3
18	90202-05088	WASHER, plate	1	44	90468-07M02	CLIP	6
19	90468-05M03	CLIP	1	45	90467-10M04	CLIP	1
20	95303-05600	NUT	1	46	6H4-85720-11	OIL LEVEL GAUGE ASSY	1
21	6E9-41237-00	JOINT, link	1	47	6H4-84342-00	SEAT, emblem	1
22	6H4-21707-02	OIL TANK COMP.	1	48	6H4-83589-00	GASKET	1
23	6H4-21748-00	COLLAR	1	49	92503-06015	SCREW, pan head	1
24	90445-11M03	HOSE	1	50	92990-06600	WASHER, plate	1
25	90464-11M23	CLAMP	1	51	90465-18147	CLAMP	1
26	90467-11M08	CLIP	2	52	6H4-84301-01	PILOT LIGHT ASSY 1	1

Fig. 18 ALTERNATE 2
(50DEO/50DETO MODEL)

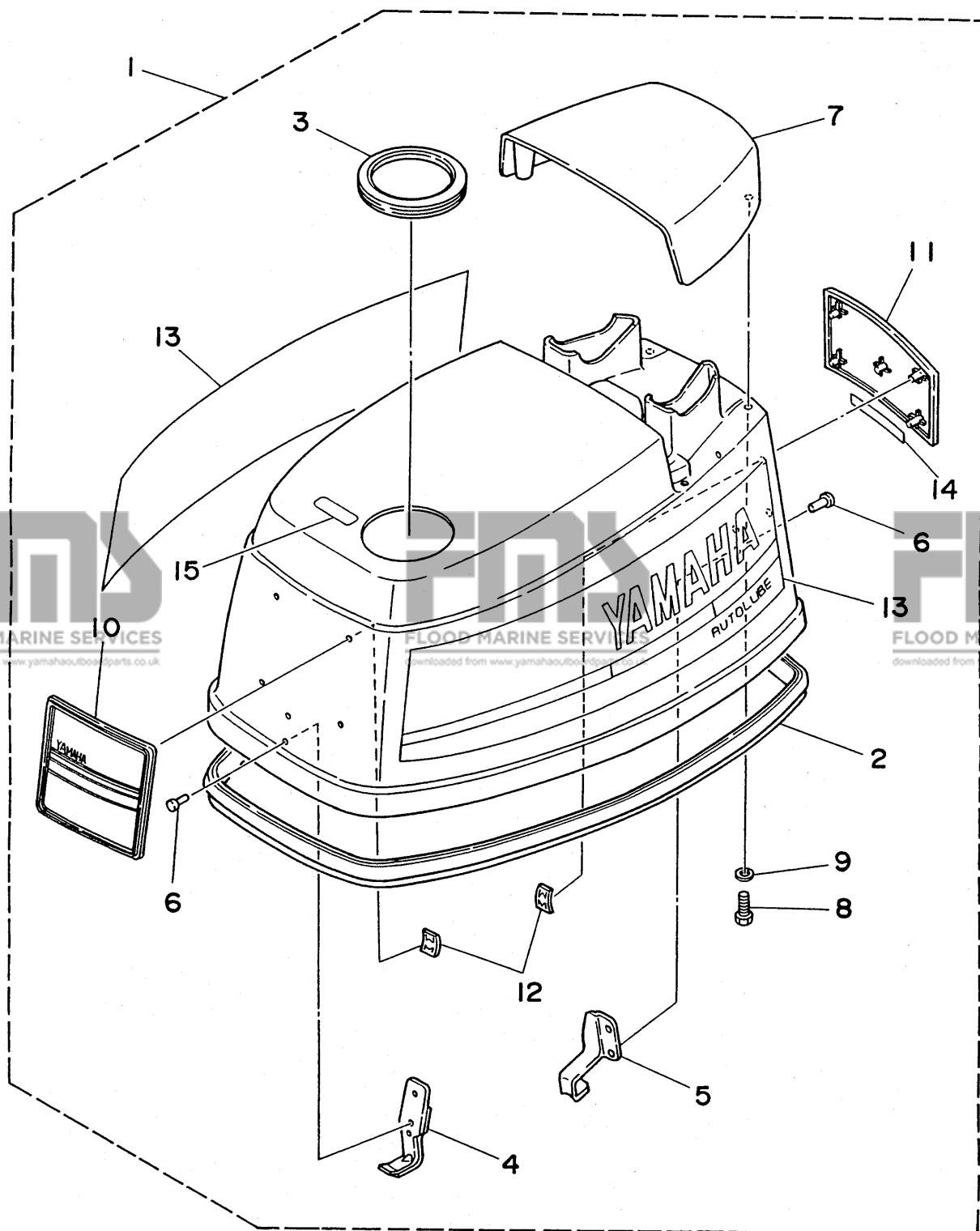


Fig. 18 ALTERNATE 2 (50DE0/50DETO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-42610-E1-EJ	TOP COWLING ASSY (50DE0 Model)	1 UR	9	92990-06600	.WASHER, plate	4
	6H5-42610-G1-EJ	TOP COWLING ASSY (50DETO Model)	1 UR	10	6H5-42686-10	.EMBLEM, front	1
2	6H4-42615-00	.SEAL	1	11	6H5-42687-00	.EMBLEM, rear	1
3	6H4-21732-00	.SEAL 1	1	12	90183-05M01	.NUT, spring	9
4	6H4-42651-00	.HOOK	1	13	6H4-W0070-E0	.GRAPHIC SET	1
5	6H4-42652-00	.HOOK	1	14	6G1-42683-00	.MARK, cowling (50DE0 Model)	1 UR
6	90266-04M01	.RIVET	4		6H5-42684-00	.MARK, cowling (50DETO Model)	1 UR
7	6H4-42613-10-EJ	.MOLDING, air duct	1	15	6H4-13436-00	.MARK	1
8	97313-06016	.BOLT	4				

Fig. 19 ALTERNATE 3 (50DETO MODEL)

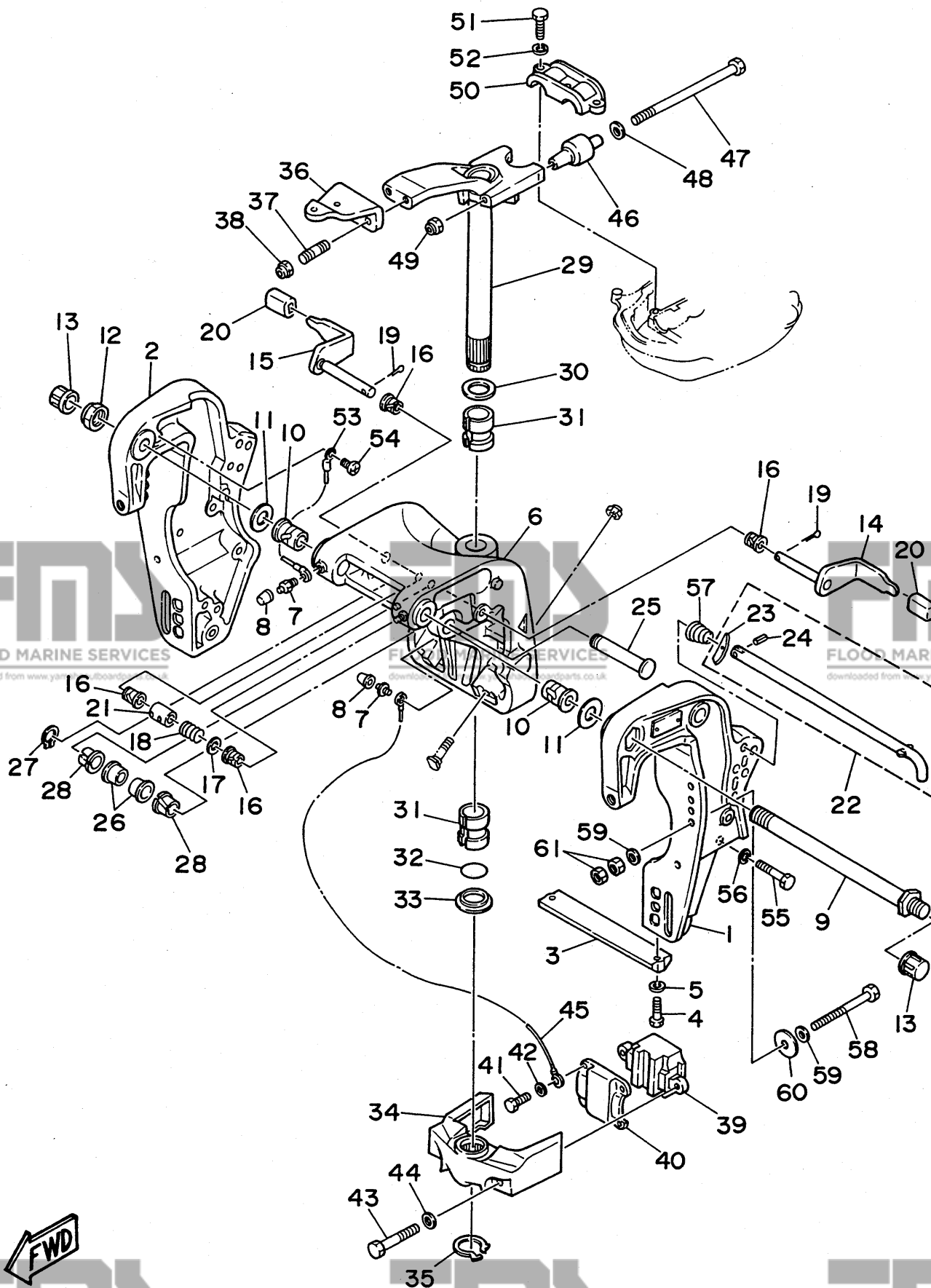


Fig. 19 ALTERNATE 3 (50DETO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	697-43111-03-EJ	BRACKET, clamp	1	32	93210-29375	O-RING	1
2	697-43112-03-EJ	BRACKET, clamp	1	33	90386-30M60	BUSH	1
3	6H1-45251-00	ANODE	1	34	6H4-44551-01-EJ	HOUSING, lower mount rubber	1
4	97395-06030	BOLT	2	35	93410-28M06	CIRCLIP	1
5	92990-06100	WASHER, spring	2	36	6H5-48511-50-EJ	HOOK, steering	1
6	697-43311-02-EJ	BRACKET, swivel	1	37	90116-10175	BOLT, stud	2
7	93700-06004	NIPPLE, grease	3	38	90185-10051	NUT, self-locking	2
8	663-45119-00	CAP, grease nipple	3	39	6H4-44557-00	MOUNT DAMPER, lower front (Short)	1 UR
9	688-43131-03	BOLT, clamp bracket	1		6H4-44557-10	MOUNT DAMPER, lower front (Long)	1 UR
10	90386-22M15	BUSH	2	40	6H4-44553-01	COVER, lower mount	1
11	90201-22M67	WASHER, plate	2	41	97395-08025	BOLT	4
12	90185-22043	NUT, self-locking	1	42	92990-08600	WASHER, plate	4
13	663-43145-00	CAP, clamp bracket	2	43	97395-10060	BOLT	2
14	688-43181-03	LEVER, tilt stop	1	44	92990-10600	WASHER, plate	2
15	688-43185-03	LEVER, tilt stop	1	45	6H5-82117-00	WIRE, lead	1
16	90386-10M16	BUSH	4	46	6H4-44514-00	MOUNT DAMPER, upper side	2
17	92990-10600	WASHER, plate	1	47	90101-08M86	BOLT	2
18	90501-10M21	SPRING, compression	1	48	90201-09425	WASHER, plate	2
19	91490-30025	PIN, cotter	2	49	90185-08045	NUT, self-locking	2
20	663-43318-00	COVER	2	50	6H4-44511-00-94	COVER, upper mount	1
21	90387-10M38	COLLAR	1	51	97390-08035	BOLT	3
22	697-43160-00	TILT ROD ASSY	1	52	92990-08100	WASHER, spring	3
23	688-43165-00	.PLATE, tilt lock	1	53	6E5-82148-00	WIRE, lead 4	1
24	91690-30012	.PIN, spring	1	54	92580-06012	SCREW, pan head	1
25	6E5-43126-01	PIN, upper shock mount	1	55	97395-10045	BOLT	6
26	90386-18M63	BUSH	2	56	92990-10100	WASHER, spring	6
27	93410-18M02	CIRCLIP	1	57	90502-20M03	SPRING, conical	1
28	90386-18M35	BUSH	2	58	90101-12M65	BOLT	4
29	6H4-42510-01-EJ	STEERING BRACKET ASSY	1	59	92995-12200	WASHER	8
30	90201-30M00	WASHER, plate	1	60	90201-12426	WASHER, plate	4
31	90386-30048	BUSH	2	61	95380-12600	NUT	8

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Fig. 20 ALTERNATE 4 (50DETO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-43376-01	BOLT, thrust receiver	2	7	92580-06016	SCREW, pan head	2
2	90185-08057	NUT, self-locking	2	8	6E5-82553-10	EXTENSION, wire lead	1
3	6Y5-83670-01	TRIM GAUGE	1	9	90464-15M08	CLAMP	1
4	6Y5-83518-00	.BULB, meter	1	10	90465-11M10	CLAMP	1
5	688-83664-00	.DAMPER	1	11	90465-08028	CLAMP	1
6	6E5-83672-01	TRIM SENDER	1				

Fig. 21 ALTERNATE 5 (50DETO MODEL)

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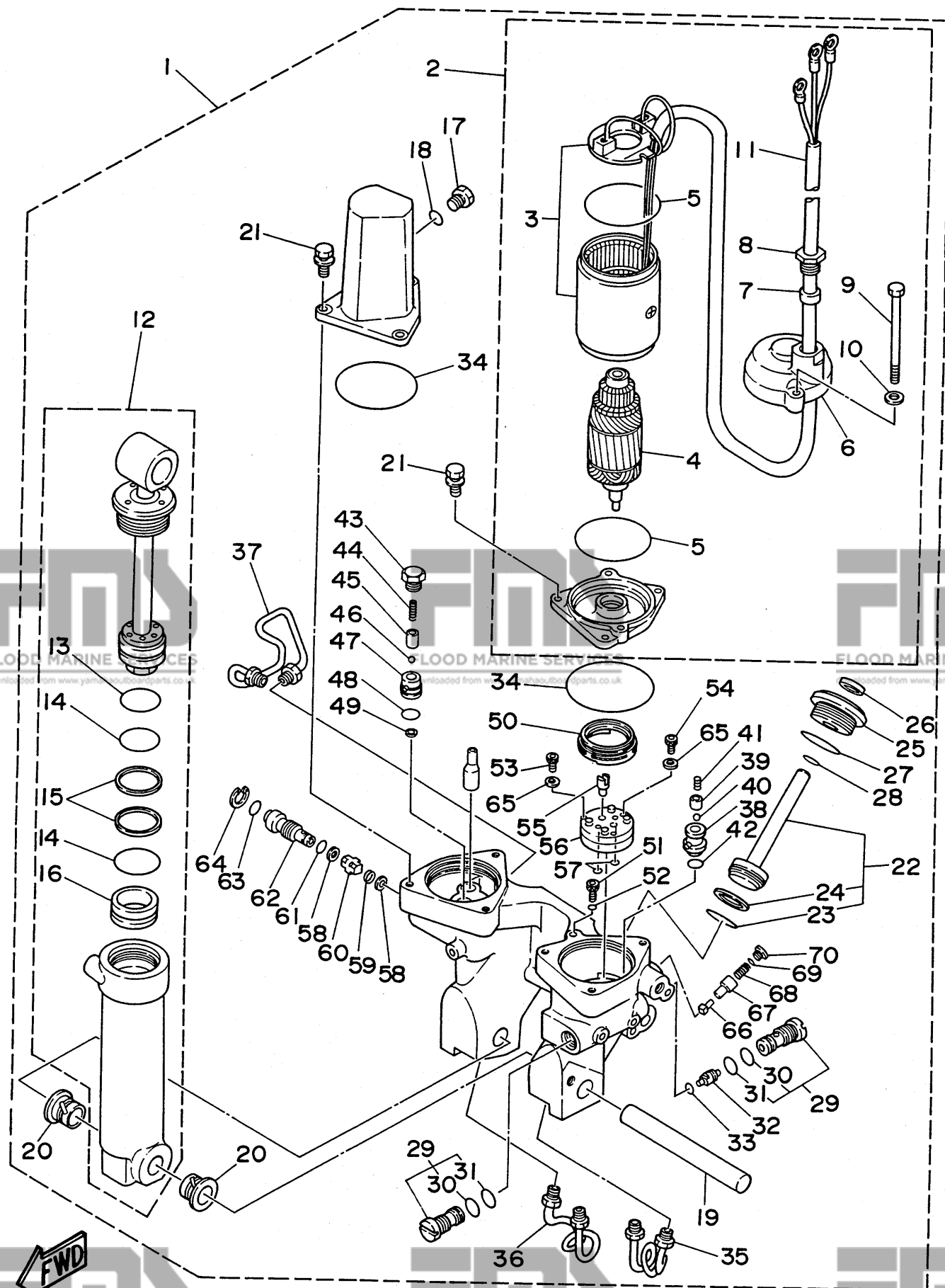
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Fig. 21 ALTERNATE 5 (50DETO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-43800-04-EJ	POWER TRIM & TILT ASSY	1	36	6E5-43834-01	.PIPE	1
2	688-43880-11	.MOTOR ASSY	1	37	6E5-43835-00	.PIPE	1
3	6E5-43804-00	..STATOR ASSY	1	38	6E5-43851-00	.SEAT, relief valve	1
4	6E5-43805-00	..ARMATURE ASSY	1	39	6E5-43844-02	.PIN, valve support	1
5	93210-71M76	..O-RING	2	40	6E5-43858-00	.BALL	1
6	6E5-43884-00	..FRAME, commutator end	1	41	6E5-43856-00	.SPRING, down relief	1
7	6E5-43885-00	..GROMMET	1	42	6E5-43883-00	.O-RING	1
8	6E5-43886-00	..BOLT	1	43	6E5-43843-00	.SCREW, valve lock	1
9	6E5-43887-00	..BOLT, through	2	44	6H3-43855-00	.SPRING, up relief	1
10	90201-05M01	..WASHER, plate	2	45	6E5-43859-00	.PIN, valve support	1
11	688-43807-11	..WIRE SUB ASSY	1	46	6E5-43877-01	.BALL	1
12	697-4380E-01	.TILT CYLINDER ASSY	1	47	6E5-43895-00	.SEAT, relief valve	1
13	6E5-43861-00	..O-RING	1	48	6E5-43896-00	.O-RING	1
14	6E5-43862-00	..O-RING	2	49	6E5-43816-10	.FILTER 1	1
15	6E5-43872-00	..RING, back up	2	50	6E5-43817-10	.FILTER 2	1
16	6E5-43814-01	..PISTON, free	1	51	90109-06M21	.BOLT	1
17	6E5-43829-00	.PLUG, reservoir	1	52	6E5-43897-00	.O-RING	1
18	6E5-43863-00	.O-RING	1	53	6E5-43878-01	.BOLT, socket	2
19	6E5-43818-00	.PIN, lower shock mount	1	54	6E5-43888-01	.BOLT, socket	1
20	90386-18M14	.BUSH	2	55	6E5-43831-00	.CONNECTOR, shaft	1
21	90119-06M42	.BOLT, with washer	6	56	6E5-43830-00	.GEAR PUMP ASSY	1
22	6E5-43820-02	.PISTON SUB ASSY	2	57	93210-07M78	.O-RING	2
23	6E5-43864-00	..O-RING	1	58	6E5-43847-00	.SEAT, manual valve	2
24	6E5-43874-01	..RING, back up	1	59	6E5-43854-01	.SPRING, manual release	1
25	6E5-43821-01	.SCREW, trim cylinder end	2	60	6E5-4382A-00	.ADAPTOR 1	1
26	6E5-43822-01	.SEAL, trim dust	2	61	93210-10M74	.O-RING	1
27	6E5-43862-00	.O-RING	2	62	6E5-43845-01	.SCREW, manual release	1
28	6E5-43865-00	.O-RING	2	63	93210-18M75	.O-RING	1
29	6E5-43802-00	.VALVE SUB ASSY	2	64	6E5-43875-00	.RING, snap	1
30	6E5-43866-00	..O-RING	1	65	90201-05M00	.WASHER, plate	3
31	6E5-43867-00	..O-RING	1	66	6E5-4381A-00	.SHAFT	1
32	6E5-43841-01	.PISTON, shuttle	1	67	6E5-43849-01	.PIN, valve support	1
33	6E5-43868-00	.O-RING	1	68	6E5-43824-01	.SPRING, compression	1
34	6E5-43869-00	.O-RING	2	69	93210-06M77	.O-RING	1
35	6E5-43833-01	.PIPE	1	70	6E5-43842-00	.SCREW, valve seat	1

Fig. 22 ALTERNATE 6 (50DRO SHORT TRANSOM)

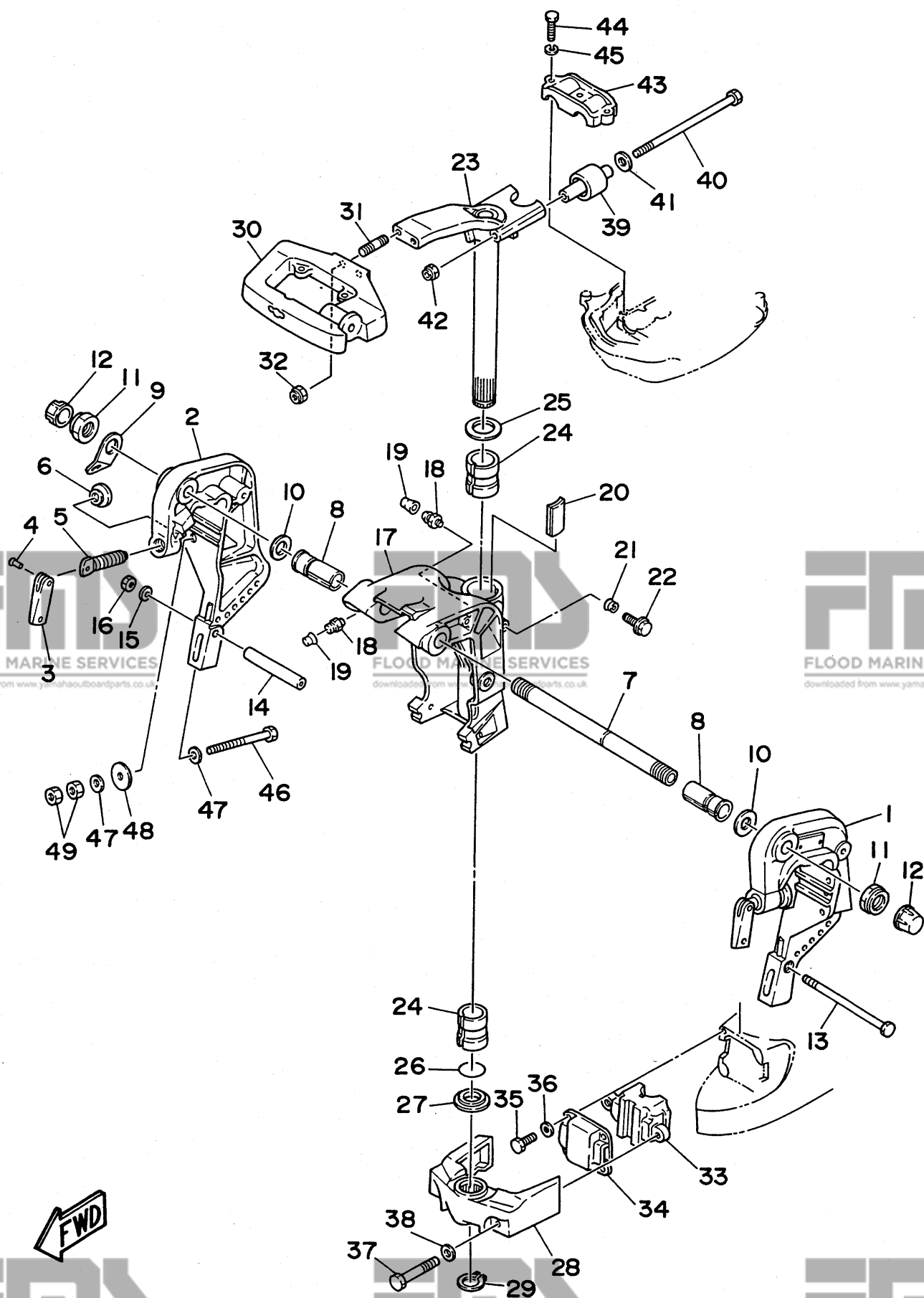


Fig. 22 ALTERNATE 6 (50DRO SHORT TRANSOM)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-43111-04-EJ	BRACKET, clamp	1	26	93210-29375	O-RING	1
2	6H4-43112-03-EJ	BRACKET, clamp	1	27	90386-30M60	BUSH	1
3	616-43118-00-EJ	HANDLE, transom clamp	2	28	6H4-44551-01-EJ	HOUSING, lower mount rubber	1
4	90243-04M00	PIN	2	29	93410-28M06	CIRCLIP	1
5	90149-14M03	SCREW	2	30	6H4-42121-01-9M	BRACKET	1
6	648-43114-01	PAD, transom clamp	2	31	90116-10175	BOLT, stud	2
7	6J8-43131-01	BOLT, clamp bracket	1	32	90185-10051	NUT, self-locking	2
8	90386-22M69	BUSH	2	33	6H4-44557-00	MOUNT DAMPER, lower front	1
9	6J8-43113-01	PLATE, clamp bracket	1	34	6H4-44553-01	COVER, lower mount	1
10	90201-22428	WASHER, plate	2	35	97395-08025	BOLT	4
11	90185-22043	NUT, self-locking	2	36	92990-08600	WASHER, plate	4
12	663-43145-00	CAP, clamp bracket	2	37	97395-10060	BOLT	2
13	90101-08339	BOLT	1	38	92990-10600	WASHER, plate	2
14	90387-08M03	COLLAR	1	39	6H4-44514-00	MOUNT DAMPER, upper side	2
15	92990-08600	WASHER, plate	1	40	90101-08M86	BOLT	2
16	95380-08600	NUT	1	41	90201-09425	WASHER, plate	2
17	6J8-43311-02-EJ	BRACKET, swivel	1	42	90185-08045	NUT, self-locking	2
18	93700-06004	NIPPLE, grease	3	43	6H4-44511-00-94	COVER, upper mount	1
19	663-45119-00	CAP, grease nipple	3	44	97390-08035	BOLT	3
20	6H4-42528-00	PLATE, friction	1	45	92990-08100	WASHER, spring	3
21	689-43373-01	SEAL, damper	1	46	90101-10M58	BOLT	4
22	90105-06M18	BOLT, washer based	1	47	92995-10600	WASHER	8
23	6H4-42510-11-EJ	STEERING BRACKET ASSY	1	48	90201-12426	WASHER, plate	4
24	90386-30048	BUSH	2	49	95380-10600	NUT	8
25	90201-30M00	WASHER, plate	1				

Fig. 23 ALTERNATE 7
(50DRO SHORT TRANSOM)

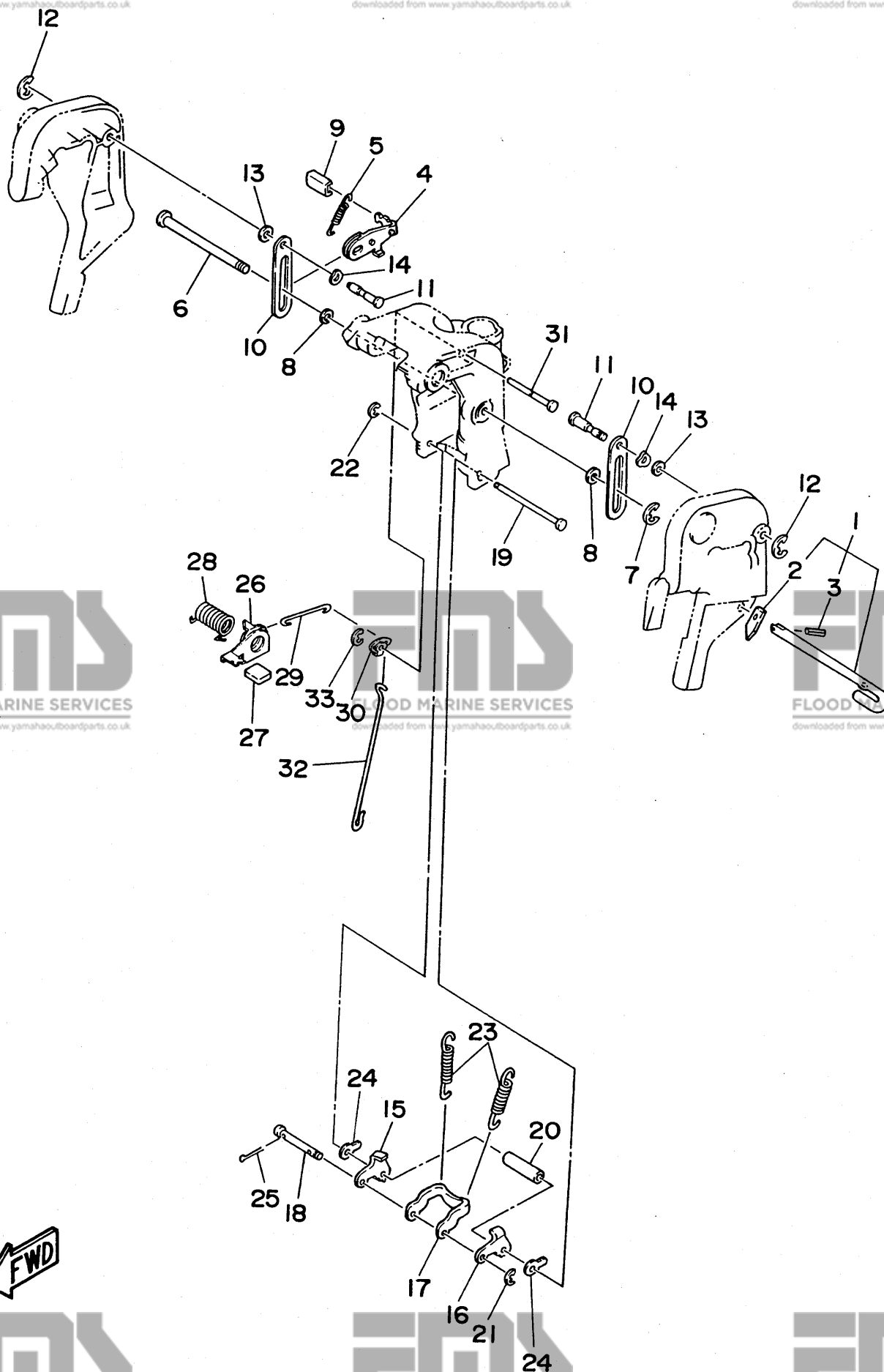


Fig. 23 ALTERNATE 7 (50DRO SHORT TRANSOM)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-43160-00	TILT ROD ASSY	1	18	6H4-43659-00	SHAFT, reverse lock	1
2	676-43165-00	.PLATE, tilt lock	1	19	6J8-43611-01	SHAFT, tilt lock	1
3	91690-30010	.PIN, spring	1	20	90387-07M64	COLLAR	1
4	6J8-43181-01	LEVER, tilt stop	1	21	93430-06M02	CIRCLIP	1
5	90506-12M25	SPRING, tension	1	22	99080-05600	CIRCLIP	1
6	90249-12M28	PIN	1	23	90506-32M22	SPRING, tension	2
7	93430-10M00	CIRCLIP	1	24	6H4-43674-00	WASHER	2
8	90202-12031	WASHER, plate	2	25	91490-20010	PIN, cotter	2
9	682-43318-01	COVER	1	26	6J8-43631-00	LEVER, tilt	1
10	6J8-43627-00	STOPPER	2	27	6J8-43633-00	COVER, tilt lever	1
11	90249-12M27	PIN	2	28	90508-18M24	SPRING, torsion	1
12	93430-10M00	CIRCLIP	2	29	6H4-43616-00	ROD, tilt lock	1
13	90202-12031	WASHER, plate	2	30	6J8-43641-00	LEVER, tilt	1
14	90206-12M16	WASHER, wave	2	31	90249-06M23	PIN	1
15	6J8-43614-00	PLATE, tilt lock	1	32	6J8-43617-00	ROD, tilt lock	1
16	6J8-43615-00	PLATE, tilt lock	1	33	99080-05600	CIRCLIP	1
17	6J8-43613-01	ARM, tilt lock	1				

Fig. 24 ALTERNATE 8
(50DEO/50DETO MODEL)

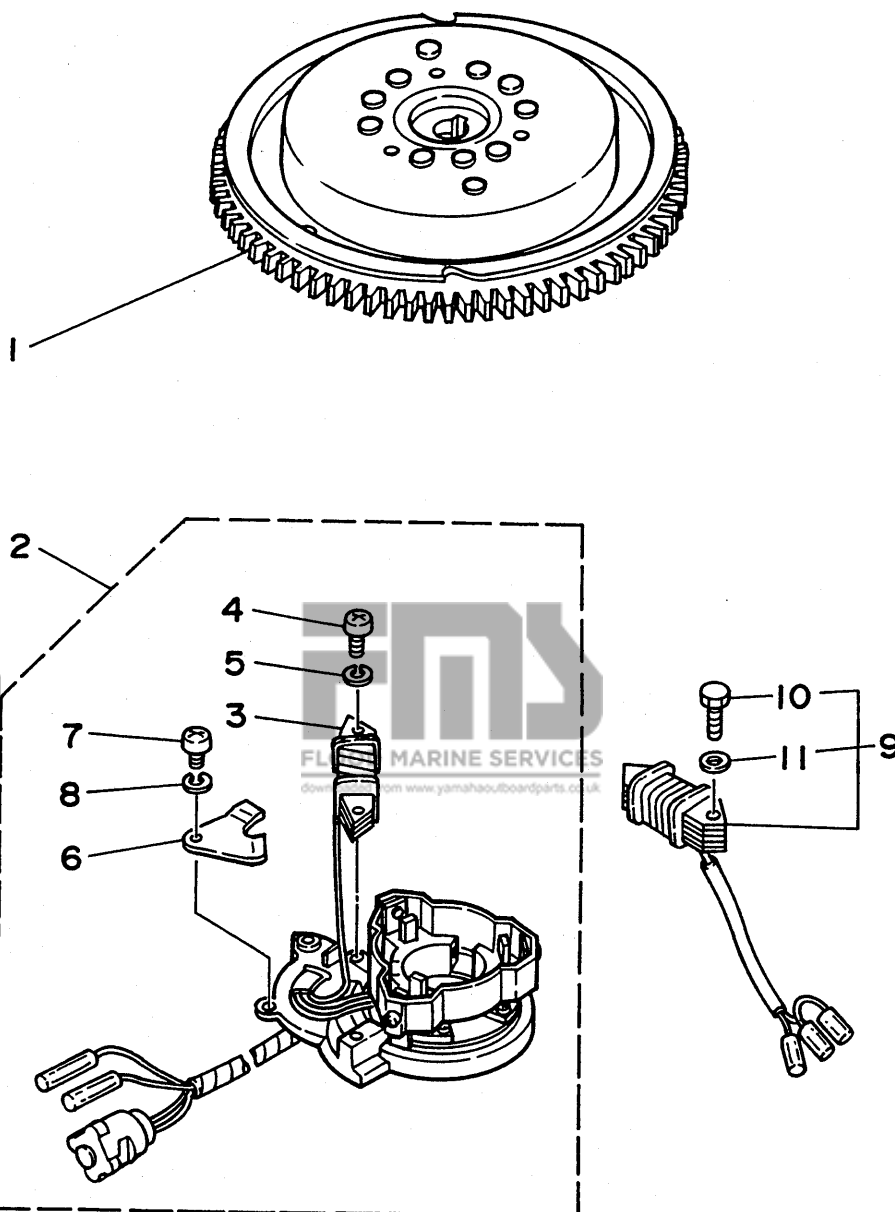


Fig. 24 ALTERNATE 8 (50DE0/50DETO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-85550-A0	ROTOR ASSY	1	7	98501-05008	.SCREW, pan head	1
2	6H4-85510-F0	STATOR ASSY	1	8	92990-05100	.WASHER, spring	1
3	6H4-85520-00	.COIL, charge	1	9	6H4-81303-A0	LIGHTING COIL ASSY	1
4	97802-06020	.SCREW, pan head	2	10	97313-06025	.BOLT	2
5	92990-06100	.WASHER, spring	2	11	92990-06600	.WASHER, plate	2
6	6H4-85548-00	.HOLDER	1				

Fig. 25 ALTERNATE 9
(50DEO/50DETO MODEL)

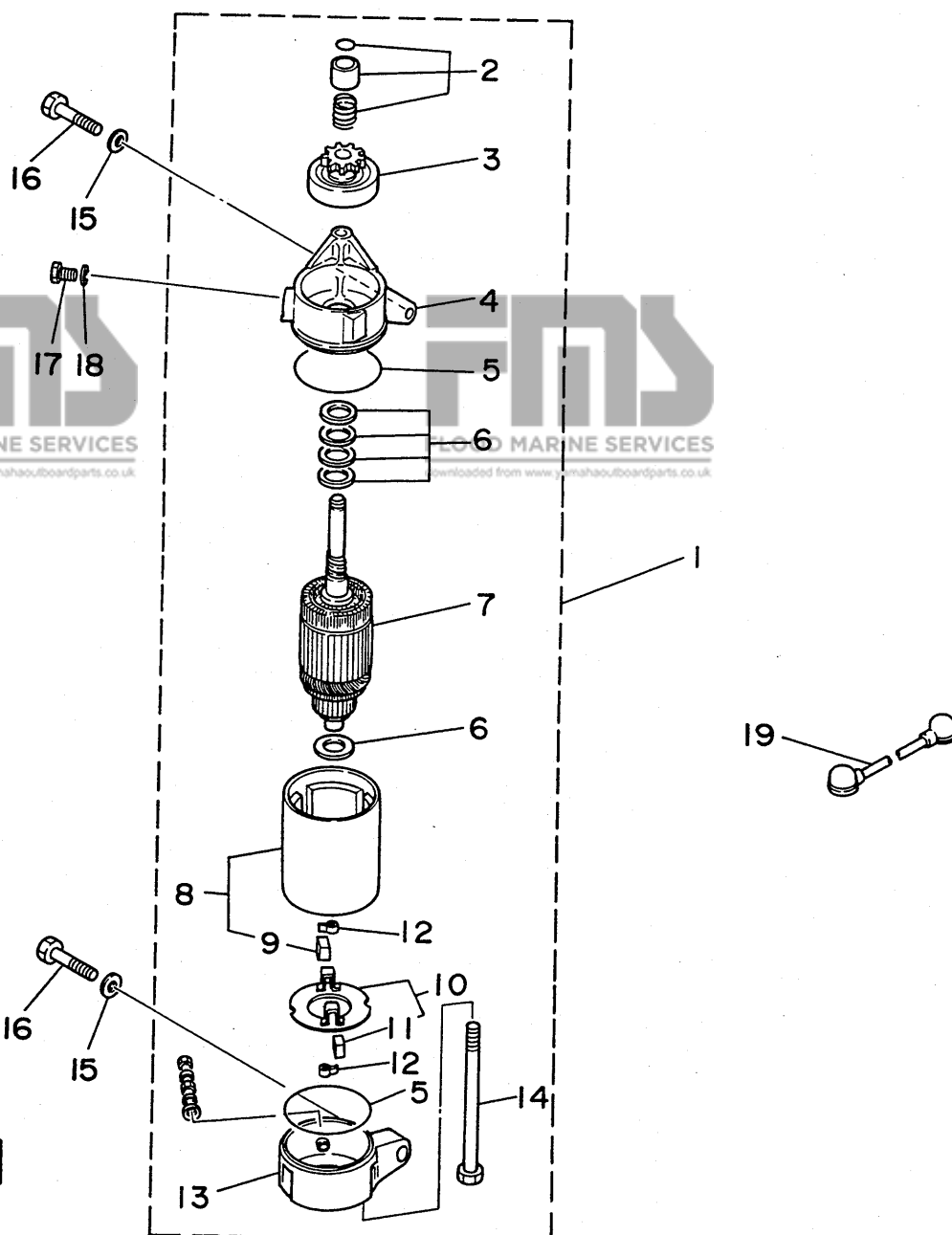
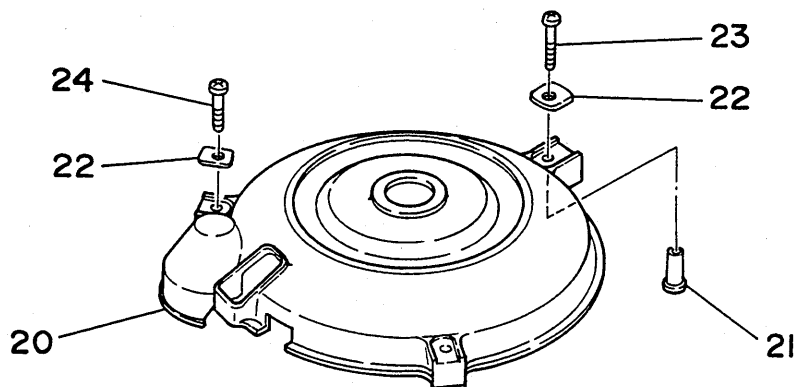


Fig. 25 ALTERNATE 9 (50DE0/50DETO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-81800-12	STARTING MOTOR ASSY	1	13	6H3-81820-11	.REAR BRACKET ASSY	1
2	689-81857-11	.RETAINER	1	14	689-81826-10	.BOLT	2
3	6H3-81807-10	.GEAR ASSY, starting motor	1	15	92990-08600	WASHER, plate	2
4	6H4-81830-11	.FRONT BRACKET ASSY	1	16	90109-08M36	BOLT	2
5	689-81847-11	.O-RING	2	17	97313-08016	BOLT	1
6	689-81809-11	.WASHER KIT	1	18	92990-08600	WASHER, plate	1
7	689-81850-11	.ARMATURE ASSY	1	19	6H4-82117-00	WIRE, lead	1
8	6H3-81810-10	.STATOR ASSY	1	20	6H4-81337-00	COVER, flywheel	1
9	689-81811-11	..BRUSH 1	1	21	90387-06M65	COLLAR	3
10	689-81840-11	.BRUSH HOLDER ASSY	1	22	90209-06M04	WASHER	3
11	689-81812-11	..BRUSH 2	1	23	92580-06040	SCREW, pan head	1
12	689-81813-10	.SPRING, brush	2	24	92580-06035	SCREW, pan head	2

Fig. 26 ALTERNATE 10 (50DEO/50DETO MODEL)

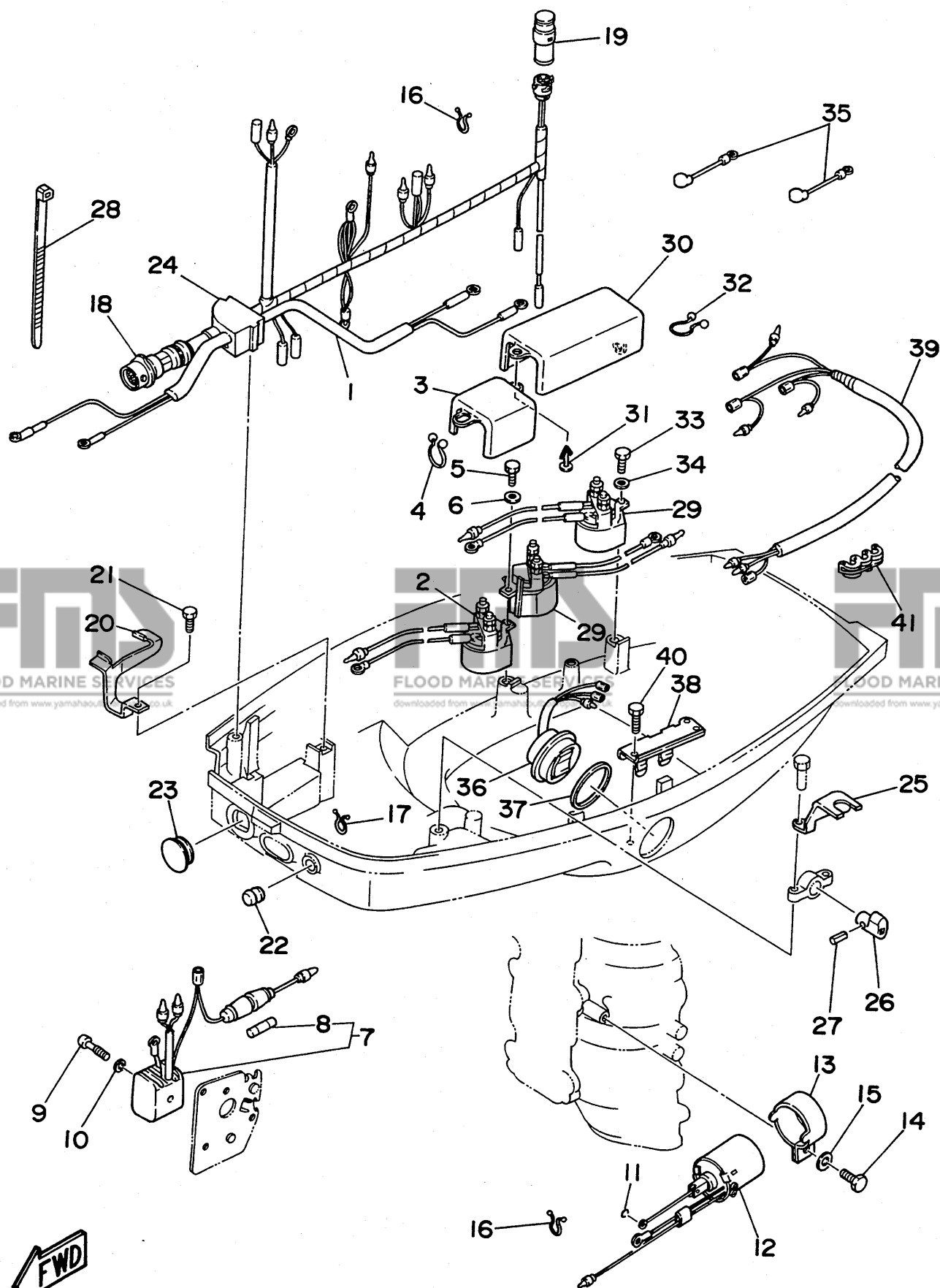


Fig. 26 ALTERNATE 10 (50DE0/50DETO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-82105-00	WIRE HARNESS	1	23	676-42726-00	GROMMET	1
2	688-81950-10	RELAY ASSY	1	24	6H4-42724-20	GROMMET	1
3	6H3-82164-00	CASE 2	1	25	6H4-82554-00	STAY, neutral switch	1
4	90464-16039	CLAMP	1	26	6H4-44173-01	LEVER, shift control	1
5	97313-06016	BOLT	1	27	91690-30020	PIN, spring	1
6	92990-06600	WASHER, plate	1	28	437-83936-10	BAND, switch cord	1
7	6G1-81970-60	RECTIFIER ASSY	1	29	688-81950-10	RELAY ASSY (50DETO Model)	2
8	6G1-82151-00	.FUSE	1	30	6H3-82154-00	CASE (50DETO Model)	1
9	98503-05025	SCREW, pan head	1	31	90338-06M10	PLUG (50DETO Model)	1
10	92990-05600	WASHER, plate	1	32	90464-16039	CLAMP (50DETO Model)	1
11	93210-03261	O-RING	1	33	97313-06020	BOLT (50DETO Model)	1
12	6H4-86110-01	SOLENOID	1	34	92990-06600	WASHER, plate (50DETO Model)	1
13	6H4-86112-00	STAY, solenoid	1	35	688-81949-00	WIRE, lead (50DETO Model)	2
14	97313-06016	BOLT	1	36	6H1-82563-00	TRIM & TILT SWITCH ASSY (50DETO Model)	1
15	92990-06600	WASHER, plate	1	37	6E5-82587-00	GASKET (50DETO Model)	1
16	90465-18147	CLAMP	2	38	6E5-83614-00	BRACKET (50DETO Model)	1
17	90465-18147	CLAMP	1	39	6H3-82553-00	EXTENSION, wire lead (50DETO Model)	1
18	6H4-82590-21	WIRE HARNESS ASSY	1	40	97313-06016	BOLT (50DETO Model)	2
19	6H4-82582-00	COVER, wire harness	1	41	90464-07M05	CLAMP (50DETO Model)	1
20	6H4-82588-00	PLATE	1				
21	97313-06012	BOLT	1				
22	6H4-42725-00	GROMMET	1				

Fig. 27 REPAIR KIT I

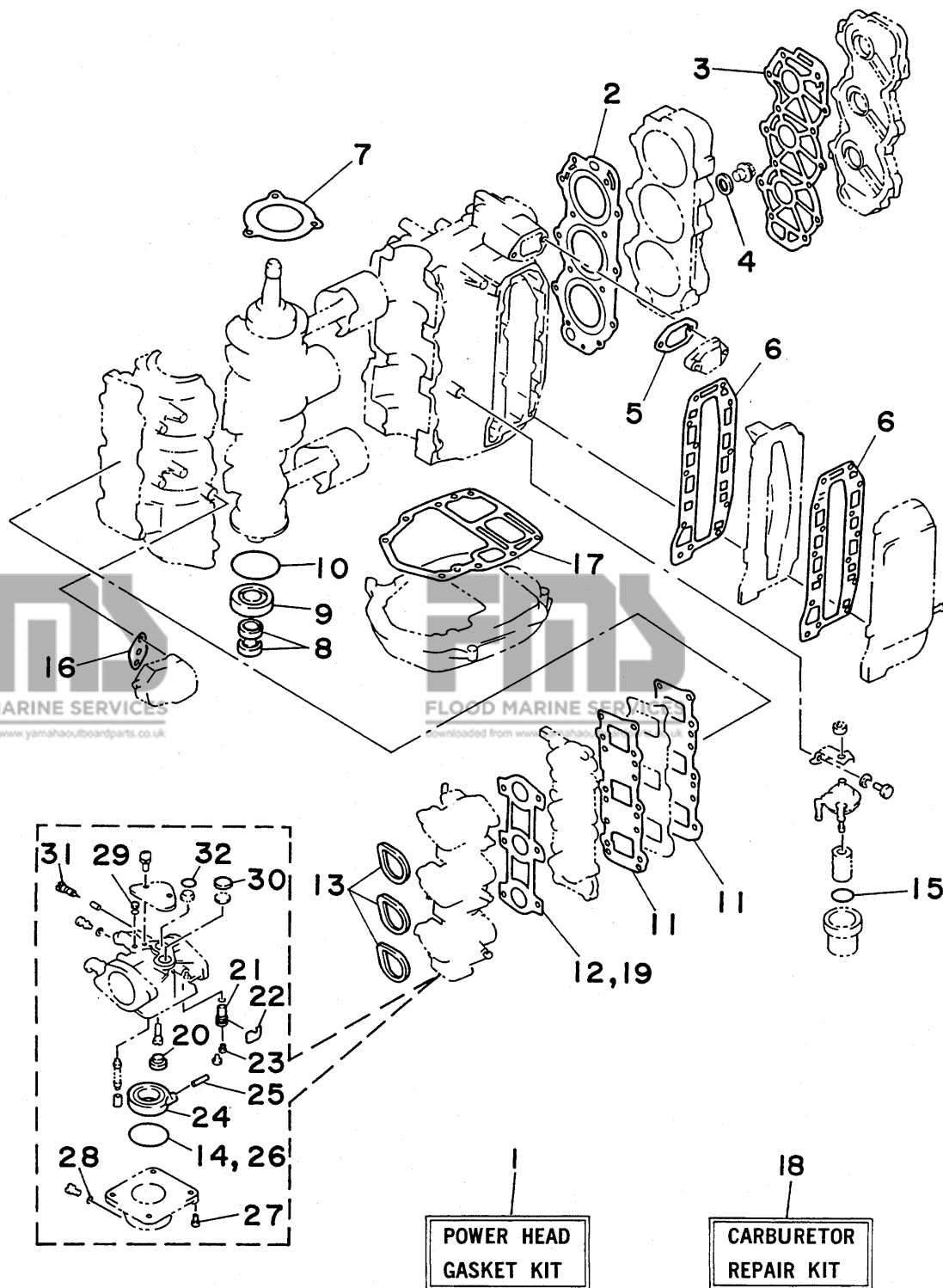


Fig. 27 REPAIR KIT 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-W0001-01	POWER HEAD GASKET KIT	1	17	6H4-45113-00	.GASKET, upper casing	1
2	6H4-11181-00	.GASKET, cylinder head 1	1	18	6H4-W0093-01	CARBURETOR REPAIR KIT	1
3	6H4-11193-00	.GASKET, head cover 1	1	19	6H4-14198-00	.GASKET	1
4	90430-14115	.GASKET	1	20	676-14966-00	.CAP	2
5	6H4-12414-00	.GASKET, cover	1	21	6H3-14590-00	.NEEDLE VALVE ASSY	3
6	6H4-41114-00	.GASKET, exhaust outer cover	2	22	663-14159-00	.CLIP	3
7	6H4-15369-00	.GASKET, oil seal housing	1	23	676-14186-00	.PIN, float	3
8	93104-16M01	.OIL SEAL	2	24	6G1-14985-00	.FLOAT	3
9	93102-25M28	.OIL SEAL	1	25	688-14548-00	.PIN, float arm	3
10	93210-57M09	.O-RING	1	26	6G1-14984-00	.O-RING	3
11	6H4-13621-00	.GASKET, valve seat	2	27	90159-04M00	.SCREW, with washer	3
12	6H4-14198-00	.GASKET	1	28	93210-04230	.O-RING	3
13	6H3-14457-01	.SEAL	3	29	663-14126-00	.GASKET	3
14	6G1-14984-00	.O-RING	3	30	688-14126-00	.GASKET	3
15	93210-37M25	.O-RING	1	31	692-14923-00	.SCREW, pilot	3
16	650-24431-00	.GASKET, fuel pump 1	1	32	93210-15M52	.O-RING	3

Fig. 28 REPAIR KIT 2

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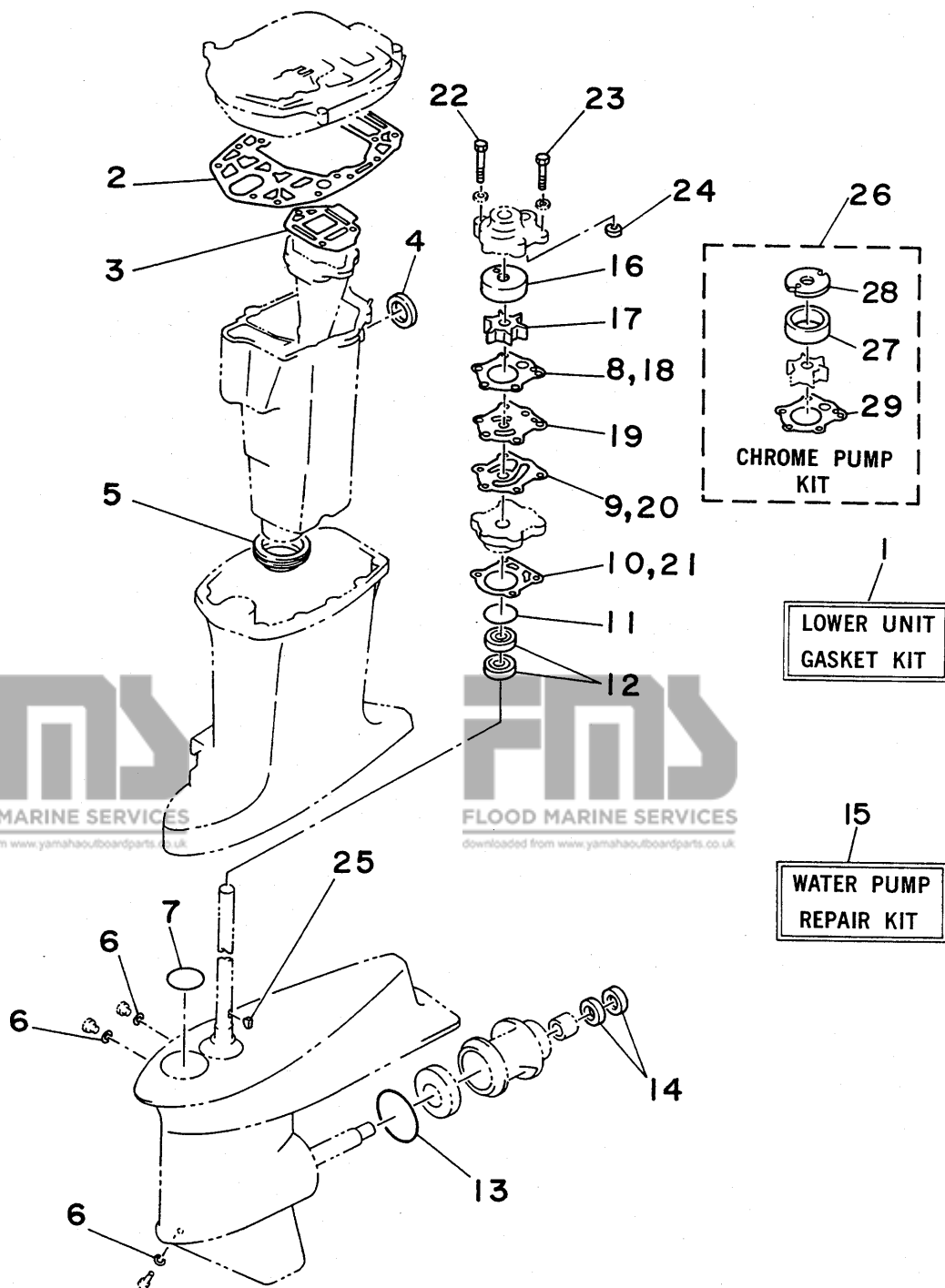


Fig. 28 REPAIR KIT 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-W0001-20	LOWER UNIT GASKET KIT	1	16	663-44322-00	.INSERT, cartridge	1
2	6H4-45114-00	.GASKET, upper casing	1	17	6H4-44352-00	.IMPELLER	1
3	6H4-41134-00	.GASKET, exhaust manifold	1	18	663-44315-00	.GASKET, water pump	1
4	6H4-41133-00	.GASKET, exhaust manifold 1	1	19	663-44323-00	.OUTER PLATE, cartridge	1
5	663-45123-00	.GASKET, muffler	1	20	663-44324-00	.GASKET, cartridge	1
6	90430-08020	.GASKET	3	21	663-44316-00	.GASKET, water pump	1
7	93210-49046	.O-RING	1	22	97395-08055	.BOLT	2
8	663-44315-00	.GASKET, water pump	1	23	97395-08045	.BOLT	2
9	663-44324-00	.GASKET, cartridge	1	24	663-44366-00	.DAMPER, water seal	1
10	663-44316-00	.GASKET, water pump	1	25	90280-03024	.KEY, woodruff	1
11	93210-41042	.O-RING	1	26	6H4-W0078-0A	CHROME PUMP KIT	1
12	93101-23070	.OIL SEAL	2	27	670-44322-01	.INSERT, cartridge	1
13	93210-66262	.O-RING	1	28	670-44321-00	.INNER PLATE, cartridge	1
14	93101-22M00	.OIL SEAL	2	29	670-44323-00	.OUTER PLATE, cartridge	1
15	6H4-W0078-00	WATER PUMP REPAIR KIT	1				



60F (6H2) 70B (6H3)

60F/70B



CONTENTS

Fig. 1	CYLINDER. CRANKCASE	180
Fig. 2	CRANKSHAFT. PISTON	182
Fig. 3	INTAKE	184
Fig. 4	CARBURETOR	186
Fig. 5	OIL PUMP	188
Fig. 6	FUEL	190
Fig. 7	TOP COWLING	192
Fig. 8	BOTTOM COWLING	194
Fig. 9	BRACKET 1 (60FEO/70BEO MODEL, 60FETO/70BETO SHORT TRANSOM)	196
Fig. 10	BRACKET 2 (60FETO/70BETO LONG TRANSOM)	198
Fig. 11	MANUAL TILT	200
Fig. 12	POWER TRIM & TILT	202
Fig. 13	POWER TRIM & TILT ASSY 1 (SHORT)	204
Fig. 14	POWER TRIM & TILT ASSY 2 (LONG)	206
Fig. 15	CONTROL	208
Fig. 16	UPPER CASING	210
Fig. 17	LOWER CASING. DRIVE 1	212
Fig. 18	LOWER CASING. DRIVE 2	214
Fig. 19	MAGNETO	216
Fig. 20	STARTING MOTOR	218
Fig. 21	ELECTRICAL	220
Fig. 22	REPAIR KIT 1	222
Fig. 23	REPAIR KIT 2	224

Fig. 1 CYLINDER. CRANKCASE

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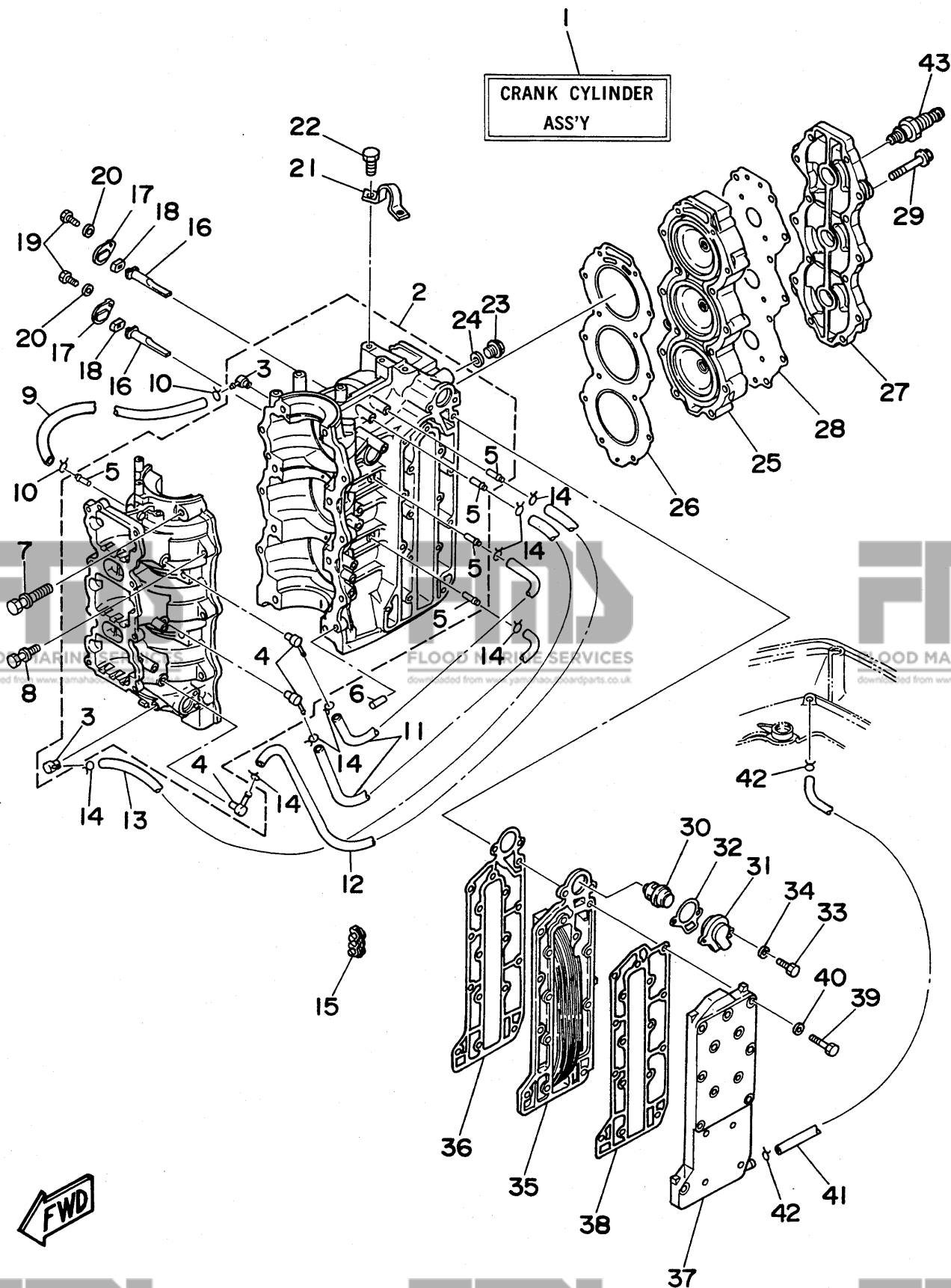
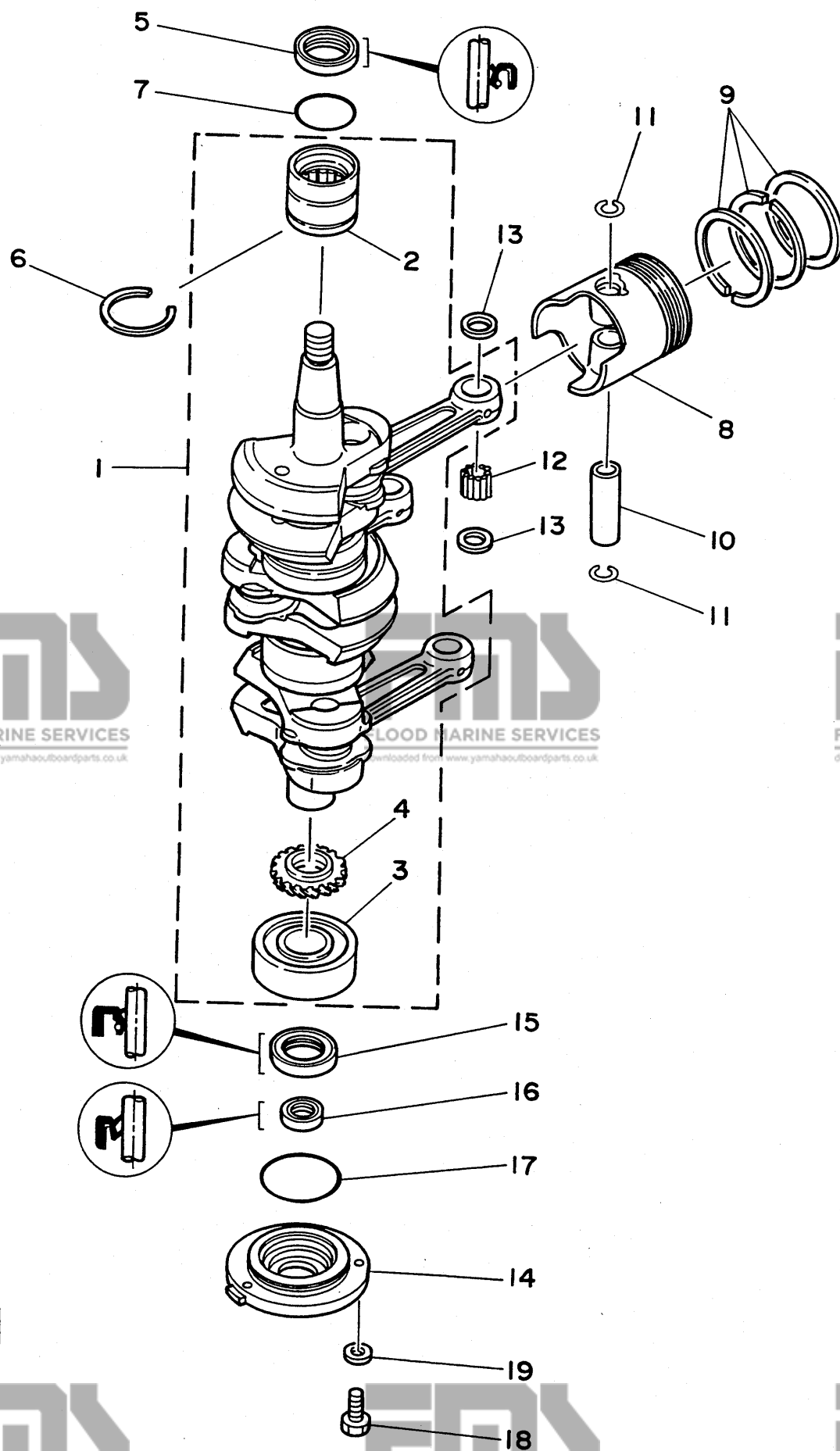


Fig. 1 CYLINDER. CRANKCASE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-W0090-13-EJ	CRANK CYLINDER ASSY (Ref. No. 2 to 42 and Fig. 2, Ref. No. 1 to 19)	1	22	97313-08020	BOLT	2
2	6H3-15100-10-94	CRANKCASE ASSY	1	23	90340-14M00	PLUG, straight screw	1
3	688-11370-00	.CHECK VALVE ASSY	2	24	90430-14115	GASKET	1
4	650-11370-00	.CHECK VALVE ASSY	3	25	6H3-11111-01-94	HEAD, cylinder 1	1
5	624-14485-00	.PIPE, joint	5	26	6H3-11181-01	GASKET, cylinder head 1	1
6	93608-12063	PIN, dowel	2	27	6H3-11191-00-9M	COVER, cylinder head 1	1
7	90119-10M07	BOLT, with washer	8	28	6H3-11193-00	GASKET, head cover 1	1
8	90119-08M17	BOLT, with washer	6	29	90119-08M09	BOLT, with washer	14
9	90445-07M44	HOSE	1	30	6H3-12411-01	THERMOSTAT	1
10	90467-06016	CLIP	2	31	6H3-12413-00-9M	COVER, thermostat	1
11	90445-07M02	HOSE	2	32	6H3-12414-00	GASKET, cover	1
12	90445-07M45	HOSE	1	33	97313-06025	BOLT	2
13	90445-07M82	HOSE	1	34	92990-06600	WASHER, plate	2
14	90467-06016	CLIP	8	35	6H3-41111-00-9M	INNER COVER, exhaust	1
15	90464-07M05	CLAMP	1	36	6H3-41112-00	GASKET, exhaust inner cover	1
16	6H3-11325-00	ANODE	2	37	6H3-41113-00-9M	OUTER COVER, exhaust	1
17	6H3-11327-00-94	COVER, anode	2	38	6H3-41114-00	GASKET, exhaust outer cover	1
18	6H3-11328-00	GROMMET, anode	2	39	97013-06035	BOLT	16
19	97313-06016	BOLT	2	40	92990-06600	WASHER, plate	16
20	92990-06600	WASHER, plate	2	41	663-24312-01	PIPE 2	1
21	688-11119-00	HANGER, engine	1	42	90467-08004	CLIP	2
				43	94702-00247	PLUG, spark (NGK BR8HS 10)	3

Fig. 2 CRANKSHAFT. PISTON



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Fig. 2 CRANKSHAFT. PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-11400-10	CRANKSHAFT ASSY	1	6H3-11610-20	PISTON RING SET (2ND O/S)	3 AP	
2	93311-636U6	.BEARING, cylindrical	1	10	6H3-11633-00	PIN, piston	3
3	93306-306V1	.BEARING	1	11	688-11634-10	CLIP, piston pin	6
4	6H3-11536-00	.GEAR, drive	1	12	93603-18M09	PIN, dowel	84
5	93102-36M24	OIL SEAL	1	13	90201-20417	WASHER, plate	6
6	93440-49M04	CIRCLIP	1	14	6H3-15359-00-94	HOUSING, oil seal	1
7	93210-46M16	O-RING	1	15	93102-30M23	OIL SEAL	1
8	6H3-11631-00-96	PISTON (STD)	3	16	93106-18M01	OIL SEAL	1
	6H3-11635-00	PISTON (0.25MM O/S)	3 AP	17	93210-65M50	O-RING	1
	6H3-11636-00	PISTON (0.50MM O/S)	3 AP	18	97395-06020	BOLT	3
9	6H3-11610-00	PISTON RING SET (STD)	3	19	92990-06600	WASHER, plate	3
	6H3-11610-10	PISTON RING SET (1ST O/S)	3 AP				

Fig. 3 INTAKE

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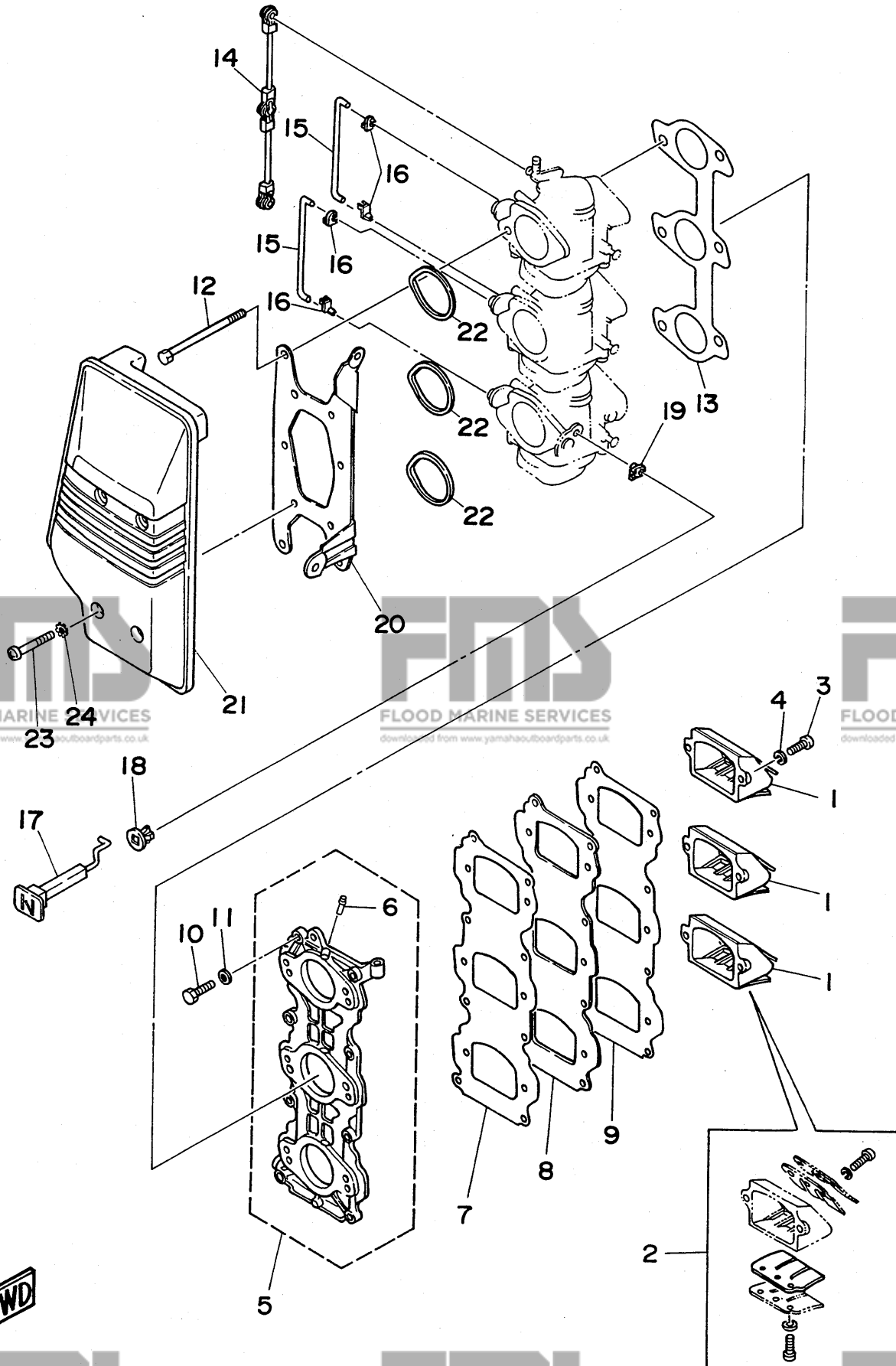


Fig. 3 INTAKE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-13610-00	REED VALVE ASSY (70B Model)	3 UR	13	6H3-14198-01	GASKET	1
	6H2-13610-00	REED VALVE ASSY (60F Model)	3 UR	14	6H3-41217-00	ROD, accel. lever	1
2	688-W0004-00	.REED SET	1	15	6H3-41257-00	ROD, choke 2	2
3	97803-05020	SCREW, pan head	6	16	661-41262-02	JOINT, choke lever	4
4	92990-05100	WASHER, spring	6	17	6H3-41271-00	KNOB, choke	1
5	6H3-13641-11-94	MANIFOLD 1	1	18	689-41273-00	GROMMET	1
6	6H1-14485-00	.PIPE, joint	3	19	661-41262-02	JOINT, choke lever	1
7	6H3-13621-00	GASKET, valve seat	1	20	6H3-14413-00	STAY	1
8	6H3-13624-00-94	PLATE, reed valve	1	21	6H3-14440-00	SILENCER ASSY, intake	1
9	6H3-13622-00	GASKET, valve seat	1	22	6H3-14457-01	SEAL	3
10	97313-06025	BOLT	8	23	92503-06045	SCREW, pan head	4
11	92990-06600	WASHER, plate	8	24	90209-06M05	WASHER	4
12	97313-06095	BOLT	6				

Fig. 4 CARBURETOR

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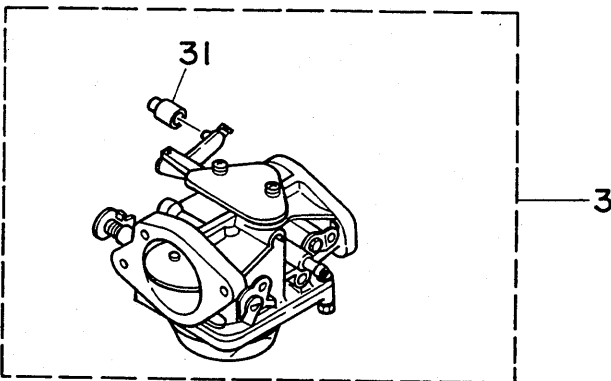
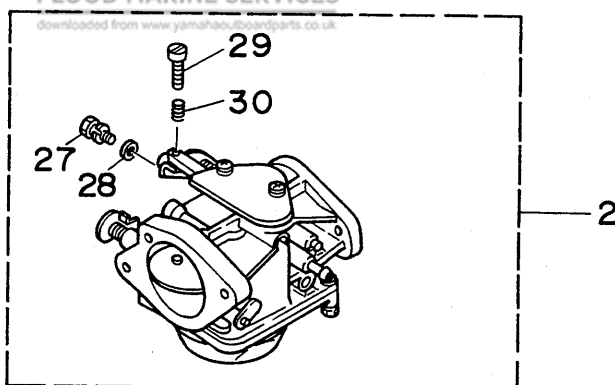
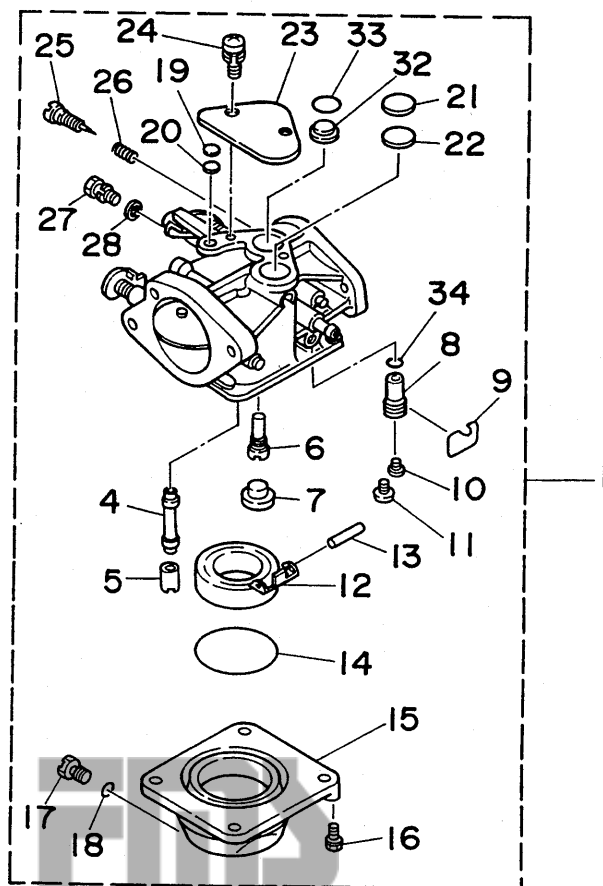
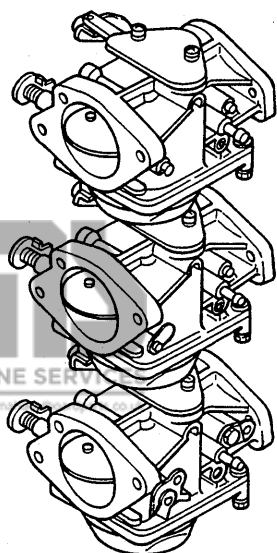


Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-14301-06	CARBURETOR ASSY 1 (70B Model)	1 UR	13	688-14548-00	.PIN, float arm	3
	6H2-14301-06	CARBURETOR ASSY 1 (60F Model)	1 UR	14	6G1-14984-00	.O-RING	3
2	6H3-14302-06	CARBURETOR ASSY 2 (70B Model)	1 UR	15	6H2-14980-00	.BODY, float chamber	3
	6H2-14302-06	CARBURETOR ASSY 2 (60F Model)	1 UR	16	90159-04M00	.SCREW, with washer	12
3	6H3-14303-06	CARBURETOR ASSY 3 (70B Model)	1 UR	17	6H3-14992-00	.SCREW, drain	3
	6H2-14303-06	CARBURETOR ASSY 3 (60F Model)	1 UR	18	93210-04230	.O-RING	3
4	6H3-14947-02	.NOZZLE, main (70B Model)	3 UR	19	663-14126-00	.GASKET	3
	6H2-14947-02	.NOZZLE, main (60F Model)	3 UR	20	663-14527-00	.PLATE	3
5	676-14943-37	.JET, main (#150) (70B Model)	3 UR	21	688-14126-00	.GASKET	3
	676-14943-35	.JET, main (#140) (Upper, Center) (60F Model)	2 UR	22	688-14527-00	.PLATE	3
	676-14943-36	.JET, main (#145) (Lower) (60F Model)	1 UR	23	6H2-14527-01	.PLATE	3
6	6H2-14948-18	.JET, slow (#78) (70B Model)	3 UR	24	97980-05310	.SCREW, with washer	6
	6H2-14948-15	.JET, slow (#70) (60F Model)	3 UR	25	692-14923-00	.SCREW, pilot	3
7	676-14966-00	.CAP	3	26	679-14555-00	.SPRING	3
8	6H3-14590-00	.NEEDLE VALVE ASSY	3	27	663-14592-00	.SCREW	2
9	663-14159-00	.CLIP	3	28	90201-05652	.WASHER, plate	2
10	676-14186-00	.PIN, float	3	29	663-14523-00	.SCREW, stop	1
11	98501-04008	.SCREW, pan head	3	30	90501-10326	.SPRING, compression	1
12	6G1-14985-00	.FLOAT	3	31	6H2-14578-00	.COLLAR	1
				32	6H3-14578-00	.PLATE	3
				33	93210-15M52	.O-RING	3
				34	93210-04228	.O-RING	3

Fig. 5 OIL

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188
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Fig. 5 OIL PUMP

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-13200-01	OIL INJECTION PUMP ASSY	1	29	90465-11M27	CLAMP	1
2	6E5-13471-00	.PLUG, drain	1	30	90467-11M08	CLIP	2
3	6E5-13475-00	.GASKET	1	31	6H1-21735-00	SEAL 2	1
4	6E5-14562-00	.O-RING	1	32	97313-06016	BOLT	1
5	90109-06M22	BOLT	2	33	90387-06M31	COLLAR	1
6	90464-07M05	CLAMP	1	34	6H1-21744-10	BREATHER	1
7	90445-07MA4	HOSE	1	35	6H1-21773-00	GROMMET	1
8	90445-07M23	HOSE	1	36	90386-03M59	BUSH	1
9	90445-07MA5	HOSE	1	37	6H1-24217-00	COVER	1
10	90445-07M87	HOSE	3	38	6H1-21770-00	OIL TANK CAP ASSY	1
11	6E5-13132-00	JOINT	3	39	6H1-21757-00	WASHER, special 1	1
12	90468-07M02	CLIP	6	40	6H1-24251-01	STRAINER 1	1
13	90468-07M02	CLIP	3	41	90501-14M45	SPRING, compression	1
14	90468-07M02	CLIP	3	42	6H3-21766-00	PIPE, oil	1
15	90465-08M23	CLAMP	1	43	90467-08004	CLIP	2
16	6H3-11537-00	GEAR, driven	1	44	6A0-82317-00	DAMPER, ignition coil	4
17	90201-08M93	WASHER, plate	1	45	624-42542-00	PIPE	4
18	6H1-13117-00	COLLAR, distance	1	46	90201-06050	WASHER, plate	4
19	93210-13595	O-RING	1	47	97313-06030	BOLT	2
20	6H3-41241-00	ROD, link	1	48	97313-06025	BOLT	2
21	6H1-41237-00	JOINT, link	1	49	6H3-85720-12	OIL LEVEL GAUGE ASSY	1
22	90202-05088	WASHER, plate	1	50	6H3-81315-00	LEAD WIRE ASSY	1
23	90468-05M03	CLIP	1	51	90465-18147	CLAMP	1
24	95303-05600	NUT	1	52	92990-06600	WASHER, plate	1
25	6E9-41237-00	JOINT, link	1	53	6H1-81971-12	WIRE, lead	1
26	6H3-21707-02	OIL TANK COMP.	1	54	6H4-84301-10	PILOT LIGHT ASSY 1	1
27	90445-11M15	HOSE	1	55	6H1-84348-12	WIRE, lead 1	1
28	90464-11M24	CLAMP	1				

Fig. 6 FUEL

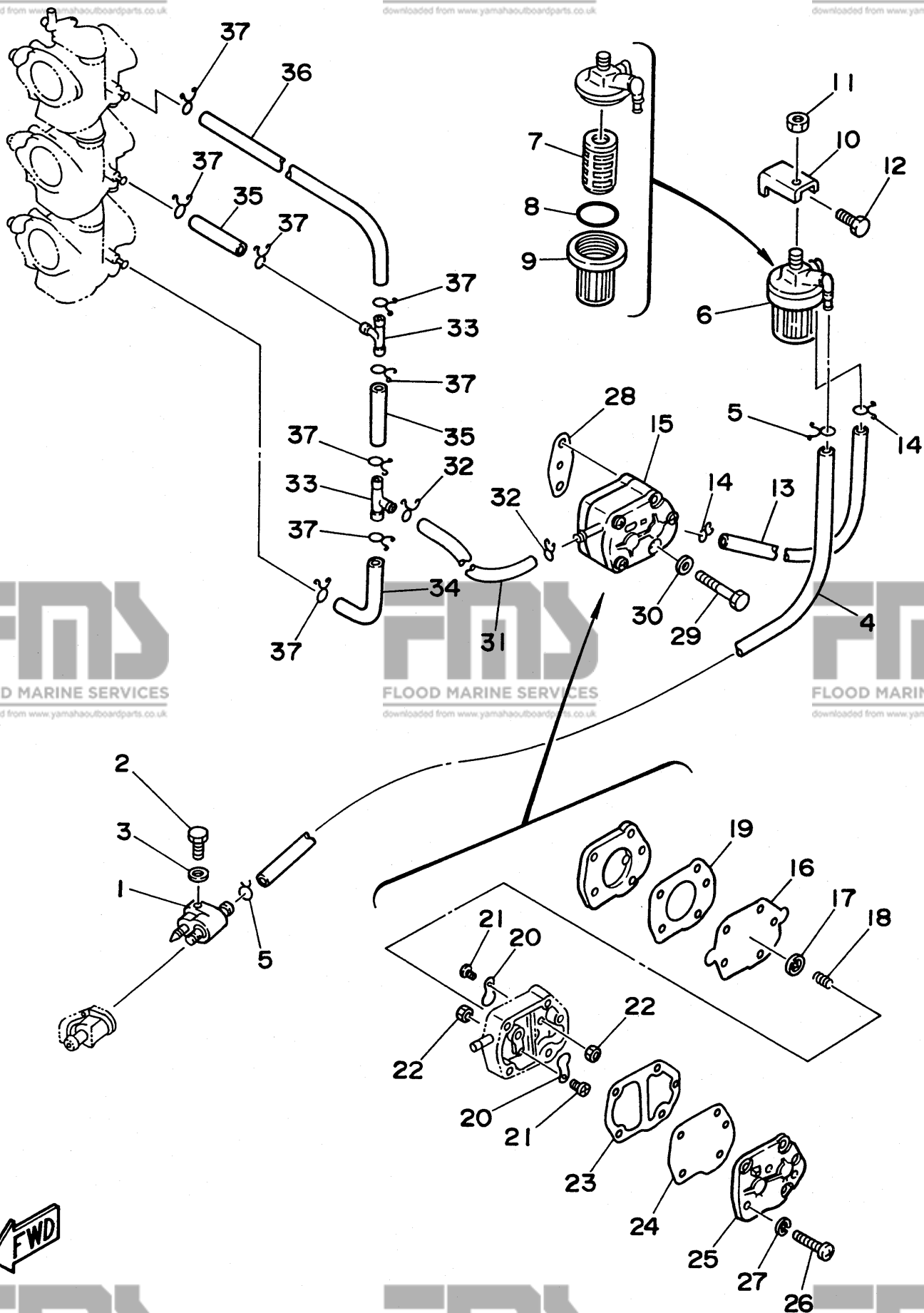


Fig. 6 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G1-24304-02	FUEL PIPE JOINT COMP. 1	1	20	6A0-24421-01	.VALVE, check	2
2	97313-06025	BOLT	1	21	90147-03M00	.SCREW, pan head	2
3	92990-06600	WASHER, plate	1	22	98813-03100	.NUT	2
4	90445-09M75	HOSE	1	23	648-24435-02	.GASKET, body 2	1
5	90467-08004	CLIP	2	24	663-24411-00	.DIAPHRAGM	1
6	655-24560-01	FILTER ASSY	1	25	6A0-24413-00	.BODY 2	1
7	6F5-24563-00	.ELEMENT, filter	1	26	98580-05530	.SCREW, pan head	3
8	93210-37M25	.O-RING	1	27	92990-05100	.WASHER, spring	3
9	655-24521-01	.CUP, filter	1	28	650-24431-00	GASKET, fuel pump 1	1
10	648-24566-01	BRACKET, filter	1	29	97313-06040	BOLT	2
11	95303-08600	NUT	1	30	92990-06600	WASHER, plate	2
12	97313-06014	BOLT	1	31	90445-09072	HOSE	1
13	90445-09072	HOSE	1	32	90467-08004	CLIP	2
14	90467-08004	CLIP	2	33	688-24378-00	PIPE, joint 4	2
15	6A0-24410-02	FUEL PUMP ASSY	1	34	6H3-24313-00	PIPE 3	1
16	648-24411-00	.DIAPHRAGM	1	35	90445-09M22	HOSE	2
17	648-24424-00	.SEAT, spring	1	36	6H3-24314-00	PIPE 4	1
18	648-24423-00	.SPRING, diaphragm	1	37	90467-08004	CLIP	8
19	648-24434-00	.GASKET, body	1				

Fig. 7 TOP COWLING

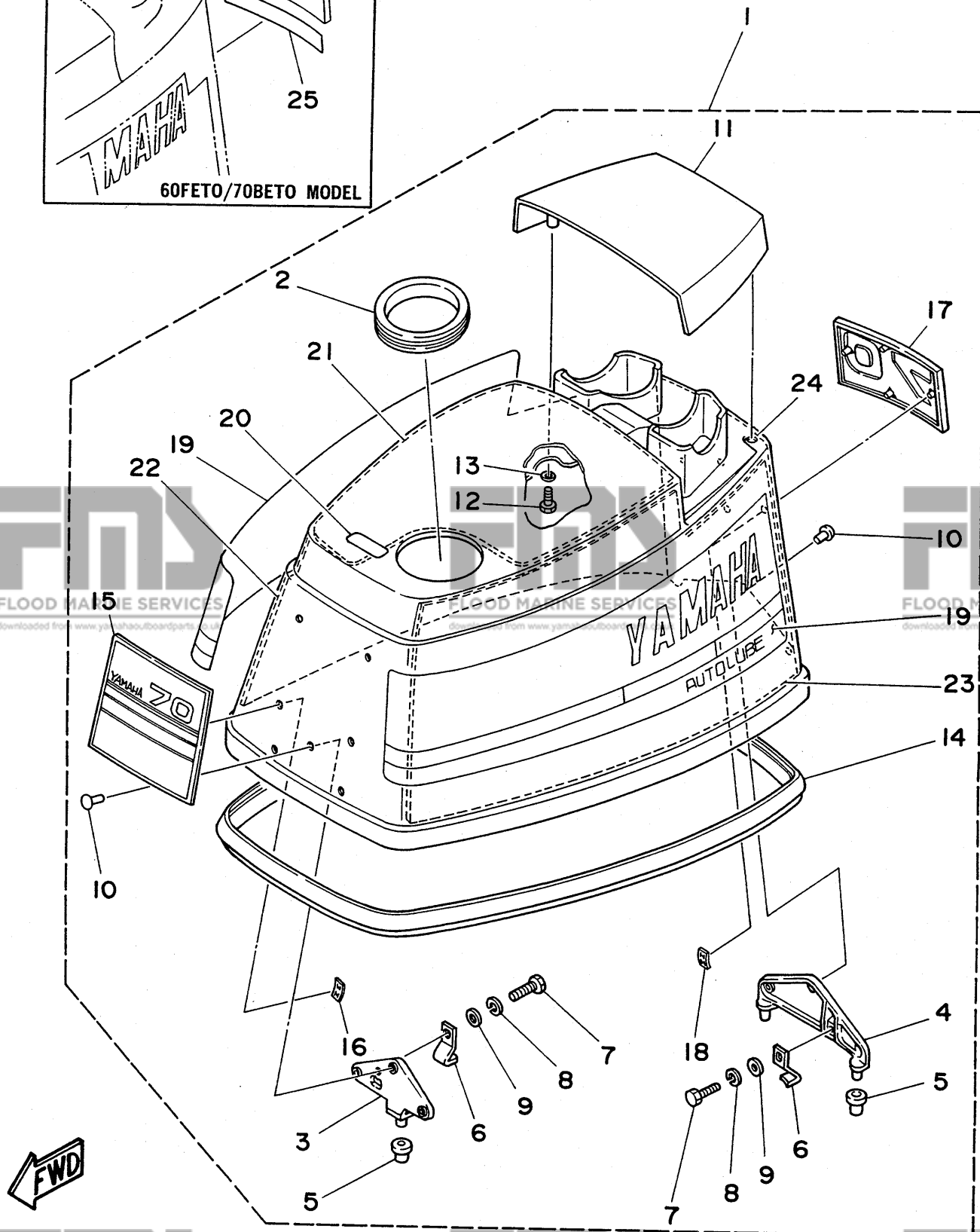
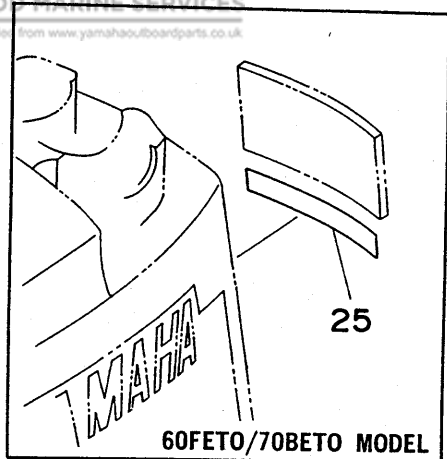


Fig. 7 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-42610-E0-EJ	TOP COWLING ASSY (70B Model)	1 UR	14	6H3-42615-00	.SEAL	1 UR
	6H2-42610-E0-EJ	TOP COWLING ASSY (60F Model)	1 UR	15	6H3-42686-00	.EMBLEM, front (70B Model)	1 UR
2	6H1-21732-00	.SEAL 1	1		6H2-42686-00	.EMBLEM, front (60F Model)	1
3	6H3-42647-00-94	.HOLDER, clamp band	1	16	90183-05M01	.NUT, spring	4
4	6H3-42649-00-94	.HOLDER, clamp band	1	17	6H3-42687-00	.EMBLEM, rear (70B Model)	1 UR
5	663-42662-00	.DAMPER	3		6H2-42687-00	.EMBLEM, rear (60F Model)	1 UR
6	6H3-42652-00	.HOOK	2	18	90183-05M01	.NUT, spring	4
7	97313-06016	.BOLT	2	19	6H3-W0070-E0	.GRAPHIC SET	1
8	92990-06100	.WASHER, spring	2	20	6H3-13436-00	.MARK	1
9	92990-06600	.WASHER, plate	2	21	689-W4266-20	.DAMPER, form	1
10	90266-06M02	.RIVET	6	22	689-W4266-40	.DAMPER, form	1
11	6H3-42613-00-EJ	.MOLDING, air duct	1	23	689-W4266-40	.DAMPER, form	1
12	97313-06016	.BOLT	4	24	689-W4266-10	.DAMPER, form	1
13	92990-06600	.WASHER, plate	4	25	6H1-42684-00	MARK, cowling (60FET0/70BET0 Model)	1

Fig. 8 BOTTOM COWLING

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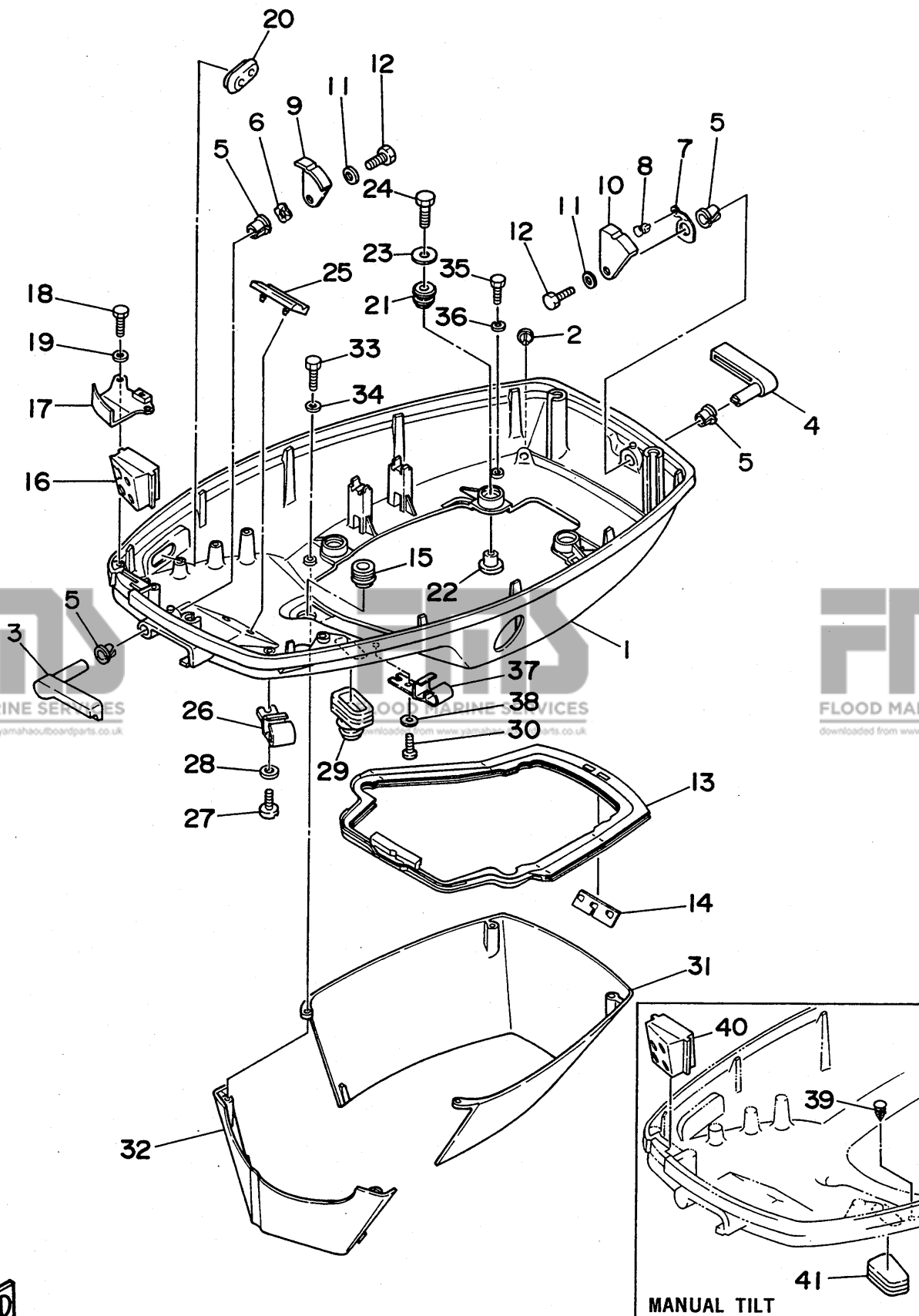
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194

Fig. 8 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-42711-01-EJ	COWLING, bottom (60FE0/70BE0 Model)	1 UR	20	6H3-42727-00	GROMMET	1
	6H3-42711-20-EJ	COWLING, bottom (60FET0/70BET0 Model)	1 UR	21	90480-09M12	GROMMET	4
2	6H3-44391-00	NIPPLE, hose	1	22	90387-06M69	COLLAR	4
3	6H3-42815-00-EJ	LEVER, clamp	1	23	90201-06416	WASHER, plate	4
4	6H3-42817-00-EJ	LEVER, clamp	1	24	97313-06030	BOLT	4
5	90386-13M38	BUSH	4	25	6H3-42768-00	DAMPER	1
6	90206-13M10	WASHER, wave	1	26	6E5-24367-01	CLAMP, fuel pipe 2	1
7	6H3-42813-00	SPRING, clamp lever	1	27	90157-06M01	SCREW, pan head	1
8	90269-04M03	RIVET	1	28	92990-06600	WASHER, plate	1
9	6H3-42816-00	LEVER, clamp	1	29	688-42726-10	GROMMET	1
10	6H3-42818-00	LEVER, clamp	1	30	90157-06M01	SCREW, pan head	1
11	90201-06068	WASHER, plate	2	31	6H3-42741-00-EJ	APRON	1
12	97313-06012	BOLT	2	32	6H3-42771-00-EJ	APRON	1
13	6H3-42716-01	RUBBER, seal 1	1	33	97313-06025	BOLT	2
14	6K5-42717-00	RUBBER, seal 2	1	34	92990-06600	WASHER, plate	2
15	6E5-42724-00	GROMMET	1	35	97313-06020	BOLT	2
16	6H3-42725-10	GROMMET	1	36	92990-06600	WASHER, plate	2
17	6H3-42738-00-9M	PLATE, fitting	1	37	6E5-24367-01	CLAMP, fuel pipe 2	1
18	97313-06016	BOLT	2	38	92990-06600	WASHER, plate	1
19	92990-06600	WASHER, plate	2	39	90338-05M03	PLUG (For Manual Tilt)	1
				40	6H3-42725-00	GROMMET (For Manual Tilt)	1
				41	6H4-42726-00	GROMMET (For Manual Tilt)	1

**Fig. 9 BRACKET 1 (60FEO/70BEO MODEL,
60FETO/70BETO SHORT TRANSOM)**

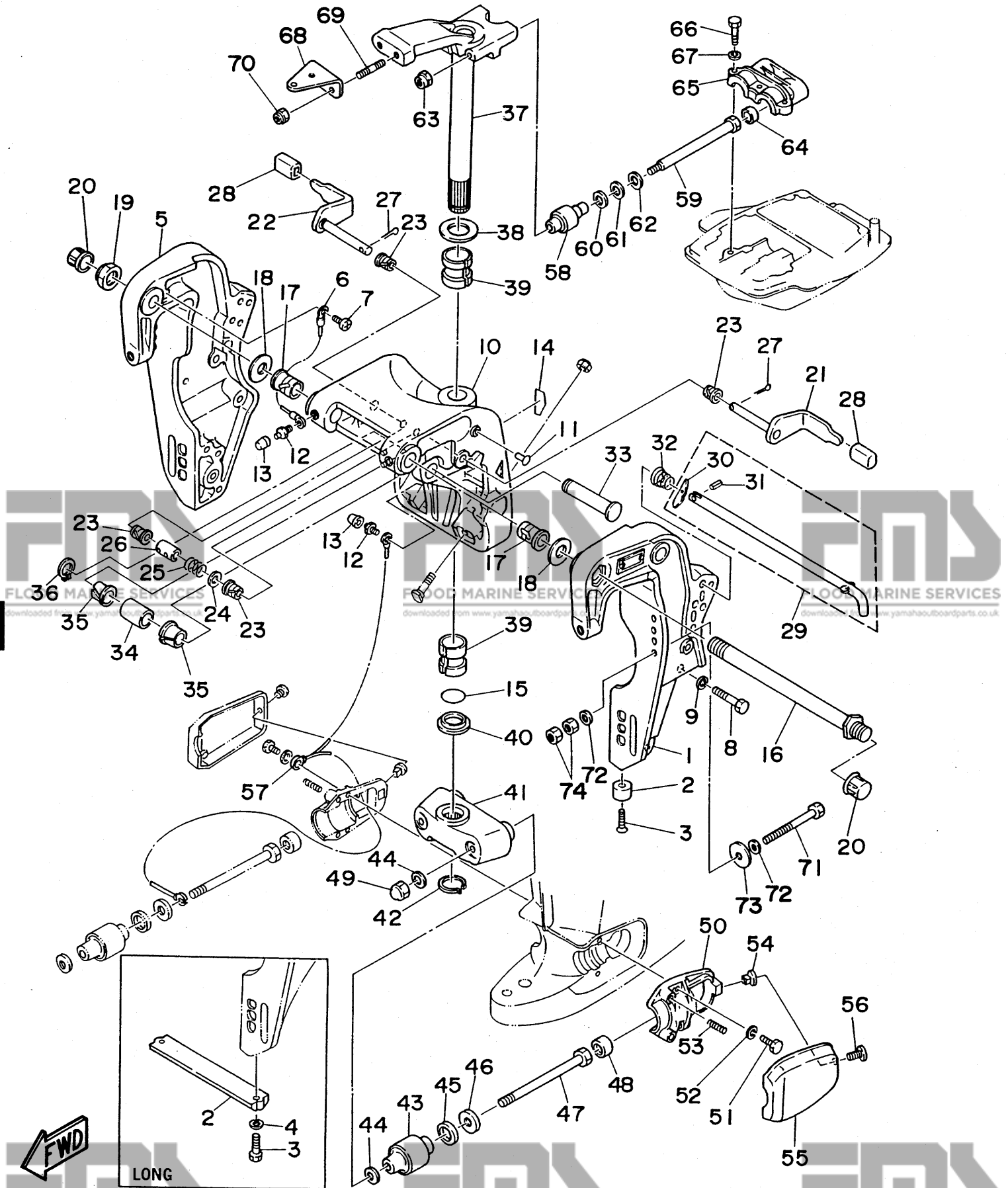


Fig. 9 BRACKET 1 (60FE0/70BE0 MODEL, 60FET0/70BET0 SHORT TRANSOM)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	697-43111-03-EJ	BRACKET, clamp (Short)	1 UR	37	6H3-42510-01-EJ	STEERING BRACKET ASSY (Short)	1 UR
	688-43111-12-EJ	BRACKET, clamp (Long)	1 UR		6H3-42510-11-EJ	STEERING BRACKET ASSY (Long)	1 UR
2	688-45251-01	ANODE (Short)	2 UR	38	90201-30M00	WASHER, plate	1
	6H1-45251-00	ANODE (Long)	1 UR	39	90386-30048	BUSH	2
3	92180-06025	SCREW, oval head (Short)	2 UR	40	90386-30M60	BUSH	1
	97395-06030	BOLT (Long)	2 UR	41	6H3-44551-00-EJ	HOUSING, lower mount rubber	1
4	92990-06100	WASHER, spring (Long)	2 UR	42	93410-28M06	CIRCLIP	1
5	697-43112-03-EJ	BRACKET, clamp (Short)	1 UR	43	687-44555-00-94	MOUNT DAMPER, lower side	2
	688-43112-12-EJ	BRACKET, clamp (Long)	1 UR	44	90201-12M16	WASHER, plate	4
6	6E5-82148-00	WIRE, lead 4	1	45	90202-25M04	WASHER, plate	2
7	92580-06012	SCREW, pan head	1	46	90201-13M19	WASHER, plate	2
8	97395-10045	BOLT	6	47	90109-12M21	BOLT	2
9	92990-10100	WASHER, spring	6	48	663-44575-00	DAMPER, lower mount rubber	2
10	697-43311-02-EJ	BRACKET, swivel (Short)	1 UR	49	95380-12800	NUT, crown	2
	688-43311-12-EJ	BRACKET, swivel (Long)	1 UR	50	6H3-44552-01-94	HOUSING, lower mount rubber	2
11	90269-03010	RIVET	1	51	97395-08025	BOLT	4
12	93700-06004	NIPPLE, grease	3	52	92990-08100	WASHER, spring	4
13	663-45119-00	CAP, grease nipple	3	53	90501-14236	SPRING, compression	4
14	688-43691-01	INDICATOR, tilt	1	54	90179-06066	NUT	2
15	93210-29375	O-RING	1	55	6H3-44553-00-EJ	COVER, lower mount	2
16	688-43131-03	BOLT, clamp bracket	1	56	92380-06015	SCREW, cylinder head	2
17	90386-22M15	BUSH	2	57	697-82127-01	WIRE, lead 2 (Short)	1 UR
18	90201-22M67	WASHER, plate	2		688-82127-02	WIRE, lead 2 (Long)	1 UR
19	90185-22043	NUT, self-locking	1	58	688-44514-00-94	MOUNT DAMPER, upper side	2
20	663-43145-00	CAP, clamp bracket	2	59	90101-10M49	BOLT	2
21	688-43181-03	LEVER, tilt stop	1	60	90201-20M21	WASHER, plate	2
22	688-43185-03	LEVER, tilt stop	1	61	90202-20M06	WASHER, plate	2
23	90386-10M16	BUSH	4	62	90201-11M22	WASHER, plate	2
24	92990-10600	WASHER, plate	1	63	90185-10051	NUT, self-locking	2
25	90501-10M21	SPRING, compression	1	64	663-44575-00	DAMPER, lower mount rubber	2
26	90387-10M38	COLLAR	1	65	688-44511-00-94	COVER, upper mount	1
27	91490-30025	PIN, cotter	2	66	97390-08035	BOLT	3
28	663-43318-00	COVER	2	67	92990-08100	WASHER, spring	3
29	697-43160-00	TILT ROD ASSY (Short)	1 UR	68	688-48511-00-EJ	HOOK, steering	
	688-43160-01	TILT ROD ASSY (Long)	1 UR			(Ball Post Type)	1 UR
30	688-43165-00	.PLATE, tilt lock	1		6H3-48511-50-EJ	HOOK, steering	
31	91690-30012	.PIN, spring	1			(Steering Guide Type)	1 UR
32	90502-20M03	SPRING, conical (Short)	1 UR	69	90116-10175	BOLT, stud	2
	90502-16M02	SPRING, conical (Long)	1 UR	70	90185-10051	NUT, self-locking	2
33	6E5-43126-01	PIN, upper shock mount	1	71	90101-12M65	BOLT	4
34	90386-18M21	BUSH (Short)	1 UR	72	92995-12200	WASHER	8
	90386-18M63	BUSH (Long)	2 UR	73	90201-12426	WASHER, plate	4
35	90386-18M35	BUSH	2	74	95380-12600	NUT	8
36	93410-18M02	CIRCLIP	1				

Fig. 10 BRACKET 2

(60FETO/70BETO LONG TRANSOM)

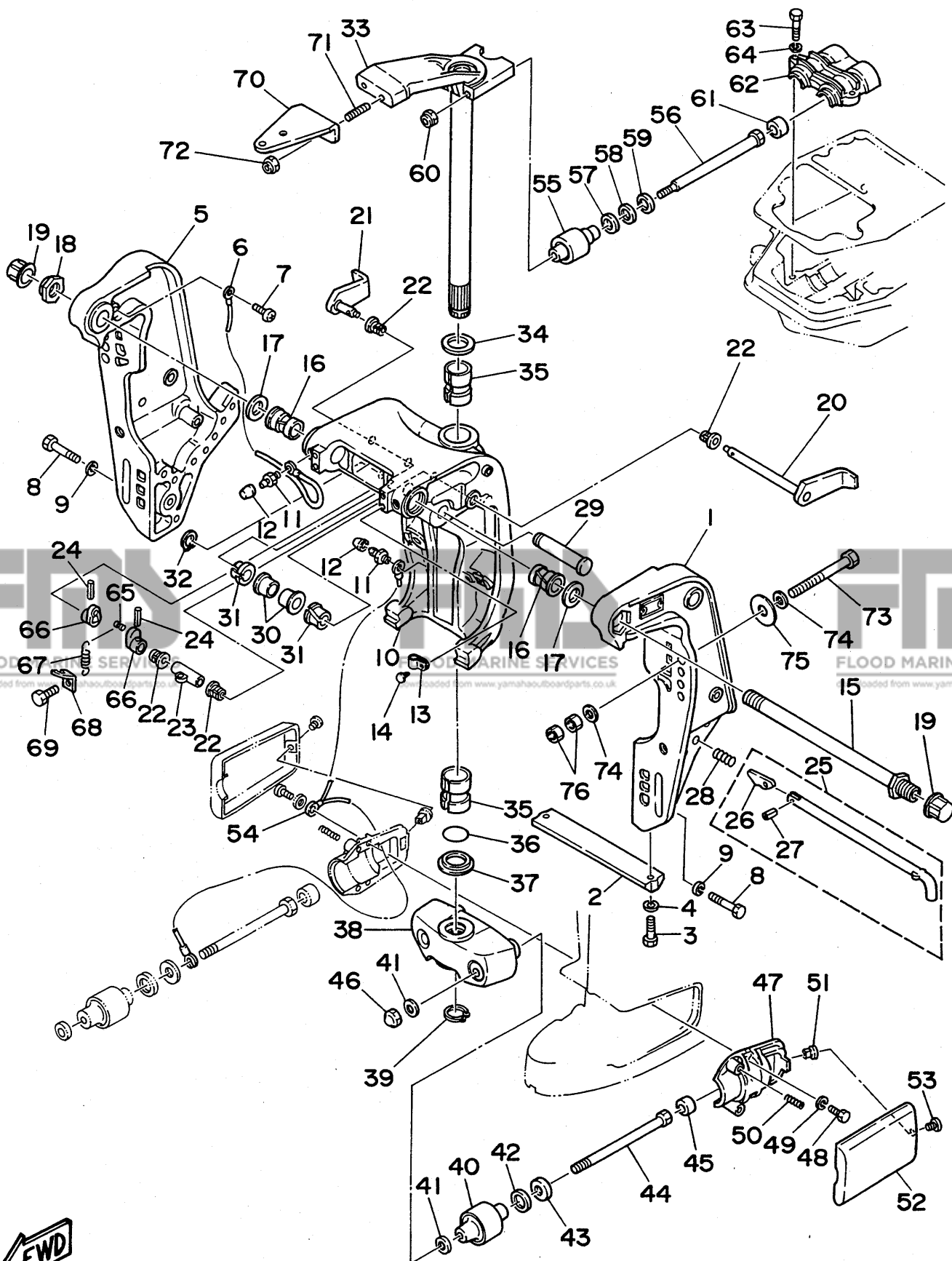


Fig. 10 BRACKET 2 (60FETO/70BETO LONG TRANSOM)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-43111-00-EJ	BRACKET, clamp	1	40	687-44555-00-94	MOUNT DAMPER, lower side	2
2	6H1-45251-00	ANODE	2	41	90201-12M16	WASHER, plate	4
3	97395-06030	BOLT	2	42	90202-25M04	WASHER, plate	2
4	92990-06100	WASHER, spring	2	43	90201-13M19	WASHER, plate	2
5	6H1-43112-00-EJ	BRACKET, clamp	1	44	90109-12M21	BOLT	2
6	6E5-82148-00	WIRE, lead 4	1	45	663-44575-00	DAMPER, lower mount rubber	2
7	92580-06012	SCREW, pan head	1	46	95380-12800	NUT, crown	2
8	97395-10045	BOLT	6	47	6H3-44552-01-94	HOUSING, lower mount rubber	2
9	92990-10100	WASHER, spring	6	48	97395-08025	BOLT	4
10	6H1-43311-00-EJ	BRACKET, swivel	1	49	92990-08100	WASHER, spring	4
11	93700-06004	NIPPLE, grease	3	50	90501-14236	SPRING, compression	4
12	663-45119-00	CAP, grease nipple	3	51	90179-06066	NUT	2
13	90464-11M18	CLAMP	1	52	6H3-44553-00-EJ	COVER, lower mount	2
14	90338-05M03	PLUG	1	53	92380-06015	SCREW, cylinder head	2
15	688-43131-03	BOLT, clamp bracket	1	54	688-82127-02	WIRE, lead 2	1
16	90386-22M15	BUSH	2	55	688-44514-00-94	MOUNT DAMPER, upper side	2
17	90201-22M67	WASHER, plate	2	56	90101-10M49	BOLT	2
18	90185-22043	NUT, self-locking	1	57	90201-20M21	WASHER, plate	2
19	663-43145-00	CAP, clamp bracket	2	58	90202-20M06	WASHER, plate	2
20	6H1-43181-00	LEVER, tilt stop	1	59	90201-11M22	WASHER, plate	2
21	6H1-43185-00	LEVER, tilt stop	1	60	90185-10051	NUT, self-locking	2
22	90386-10M16	BUSH	4	61	663-44575-00	DAMPER, lower mount rubber	2
23	90387-10M02	COLLAR	1	62	688-44511-00-94	COVER, upper mount	1
24	91690-30020	PIN, spring	2	63	97390-08035	BOLT	3
25	688-43160-01	TILT ROD ASSY	1	64	92990-08100	WASHER, spring	3
26	688-43165-00	.PLATE, tilt lock	1	65	90249-06M19	PIN	1
27	91690-30012	.PIN, spring	1	66	665-43148-00	COLLAR, distance	2
28	90502-16M02	SPRING, conical	1	67	90506-14M24	SPRING, tension	1
29	6E5-43126-01	PIN, upper shock mount	1	68	665-43144-00	HOOK, spring	1
30	90386-18M63	BUSH	2	69	97395-06010	BOLT	1
31	90386-18M35	BUSH	2	70	6H3-48511-50-EJ	HOOK, steering (Steering Guide Type)	1
32	93410-18M02	CIRCLIP	1	71	90116-10175	BOLT, stud	2
33	6H3-42510-11-EJ	STEERING BRACKET ASSY	1	72	90185-10051	NUT, self-locking	2
34	90201-30M00	WASHER, plate	1	73	90101-12M65	BOLT	4
35	90386-30048	BUSH	2	74	92995-12200	WASHER	8
36	93210-29375	O-RING	1	75	90201-12426	WASHER, plate	4
37	90386-30M60	BUSH	1	76	95380-12600	NUT	8
38	6H3-44551-00-EJ	HOUSING, lower mount rubber	1				
39	93410-28M06	CIRCLIP	1				

Fig. 11 MANUAL TILT

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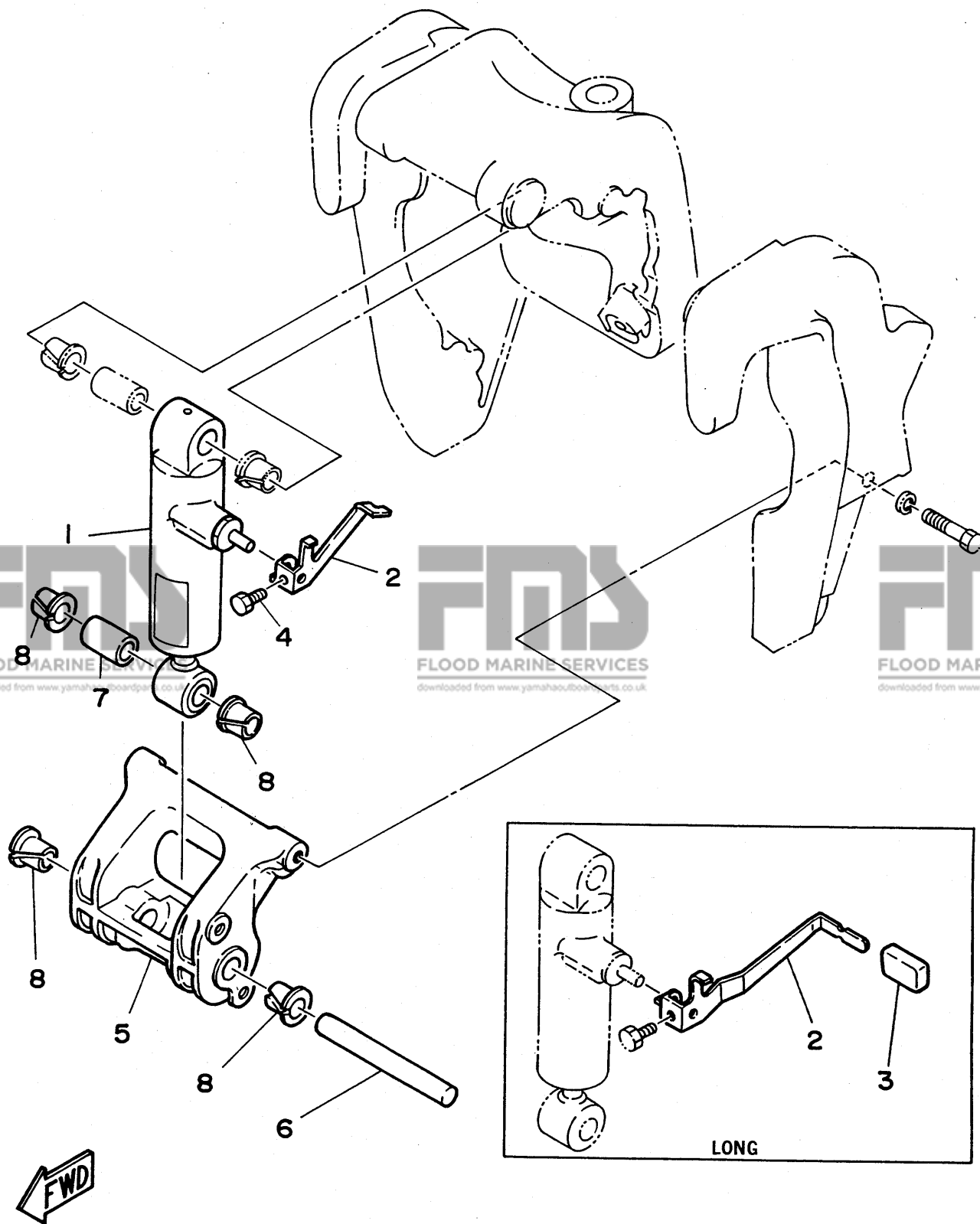


Fig. 11 MANUAL TILT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	697-43170-03-EJ	SHOCK ABSORBER ASSY (Short)	1 UR	5	697-43128-00-EJ	SPACER, clamp bracket (Short)	1 UR
	688-43170-04-EJ	SHOCK ABSORBER ASSY (Long)	1 UR		688-43128-01-EJ	SPACER, clamp bracket (Long)	1 UR
2	688-43631-00	LEVER, tilt (Short)	1 UR	6	688-43124-02	PIN, lower shock mount	1
	688-43631-10	LEVER, tilt (Long)	1 UR	7	90386-18M21	BUSH	1
3	682-43318-01	COVER	1	8	90386-18M35	BUSH	4
4	97395-06010	BOLT	1				

Fig. 12 POWER TRIM & TILT

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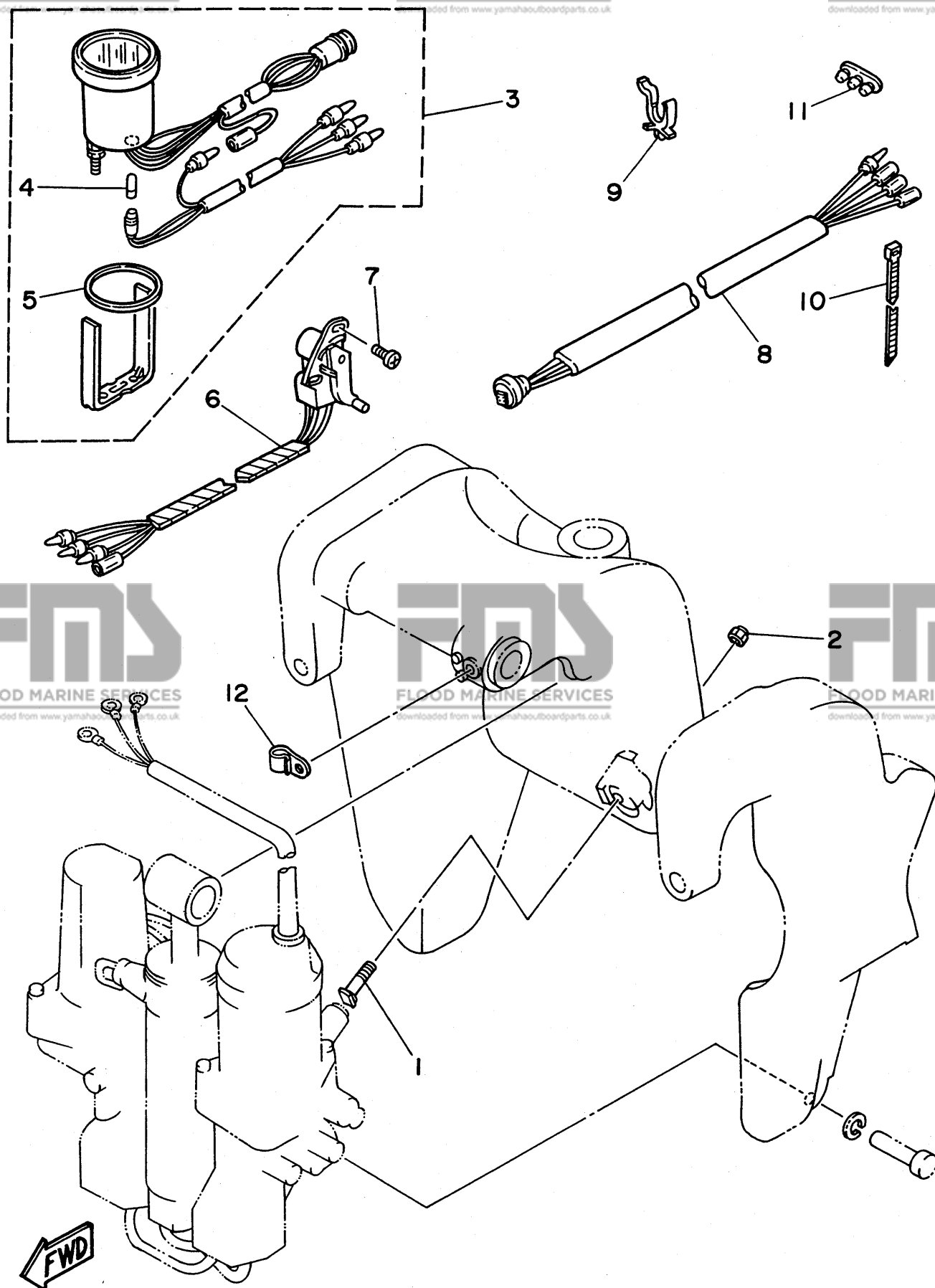
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Fig. 12 POWER TRIM & TILT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-43376-01	BOLT, thrust receiver (Short)	2 UR	6H1-83672-00	TRIM SENDER (Long)	1 UR	
	6H1-43376-00	BOLT, thrust receiver (Long)	2 UR	7	92580-06016	SCREW, pan head	2
2	90185-08057	NUT, self-locking	2	8	6E5-82553-10	EXTENSION, wire lead	1
3	6Y5-83670-01	TRIM GAUGE	1	9	90464-15M08	CLAMP	1
4	6Y5-83518-00	.BULB, meter	1	10	90465-11M10	CLAMP	1
5	688-83664-00	.DAMPER	1	11	703-82119-00	COVER, lead wire	1
6	6E5-83672-01	TRIM SENDER (Short)	1 UR	12	90465-08028	CLAMP	1

Fig. 13 POWER TRIM & TILT ASSY I (SHORT)

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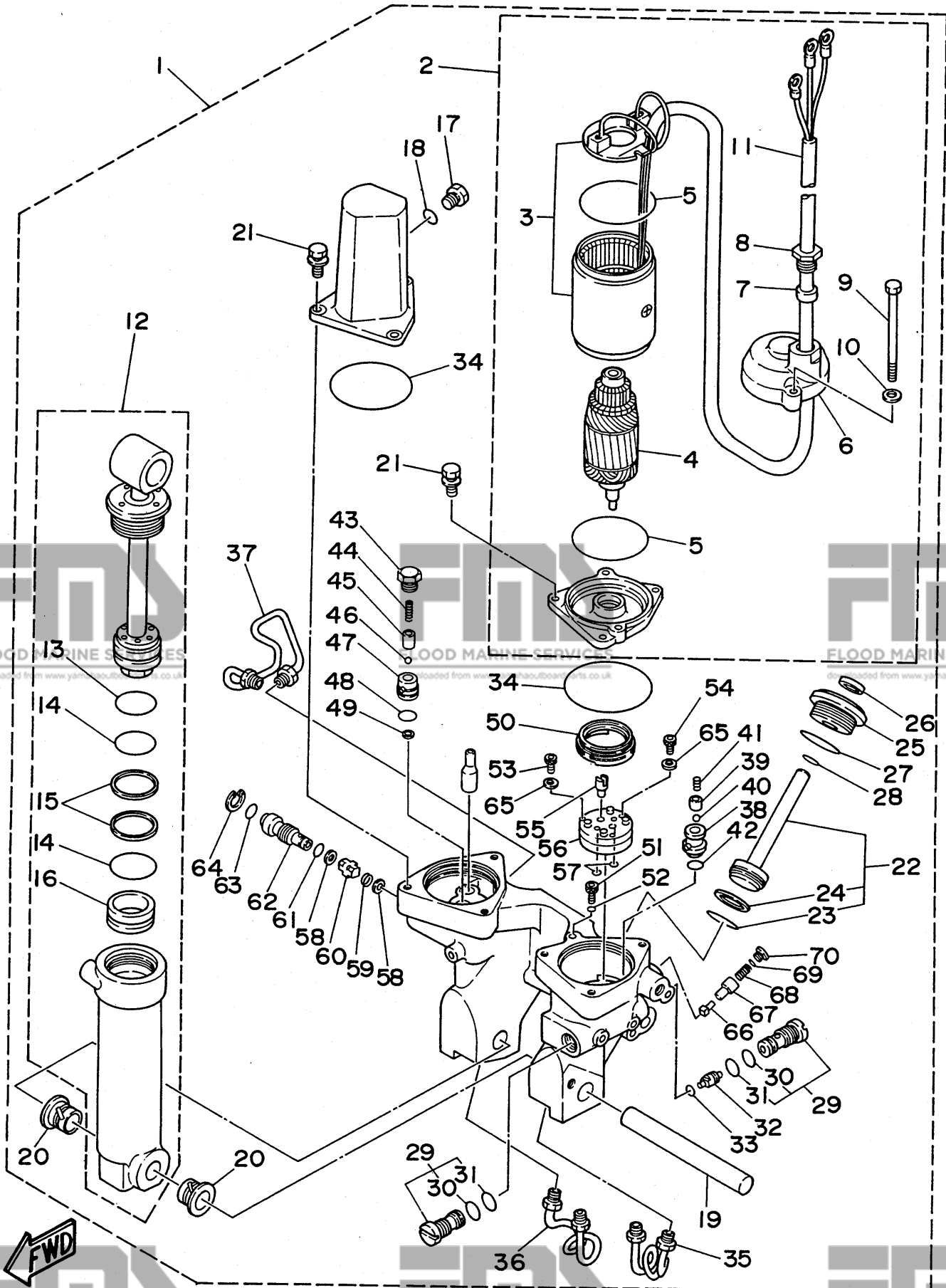


Fig. 13 POWER TRIM & TILT ASSY 1 (SHORT)

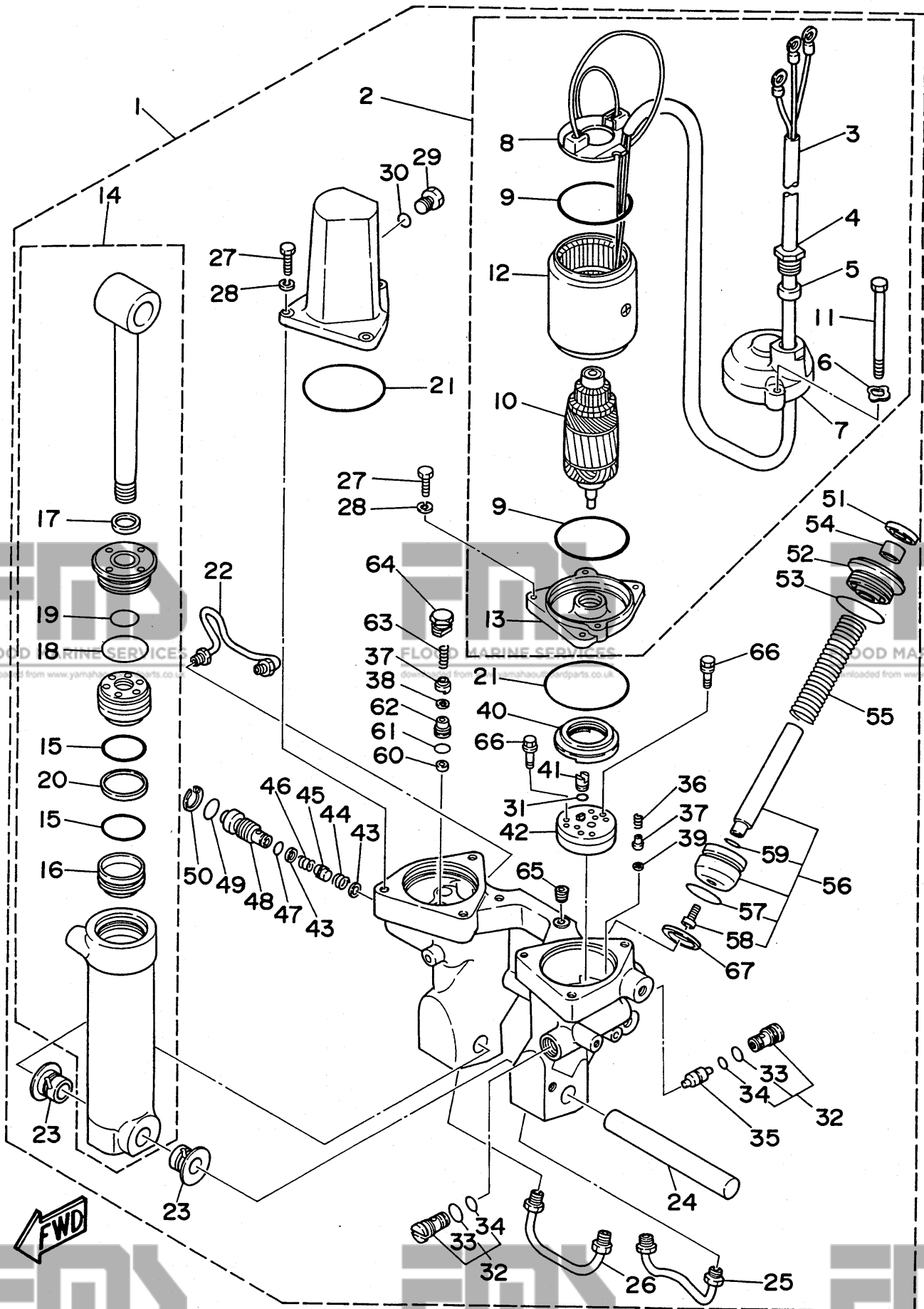
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-43800-04-EJ	POWER TRIM & TILT ASSY	1	36	6E5-43834-01	.PIPE	1
2	688-43880-11	.MOTOR ASSY	1	37	6E5-43835-00	.PIPE	1
3	6E5-43804-00	..STATOR ASSY	1	38	6E5-43851-00	.SEAT, relief valve	1
4	6E5-43805-00	..ARMATURE ASSY	1	39	6E5-43844-02	.PIN, valve support	1
5	93210-71M76	..O-RING	2	40	6E5-43858-00	.BALL	1
6	6E5-43884-00	..FRAME, commutator end	1	41	6E5-43856-00	.SPRING, down relief	1
7	6E5-43885-00	..GROMMET	1	42	6E5-43883-00	.O-RING	1
8	6E5-43886-00	..BOLT	1	43	6E5-43843-00	.SCREW, valve lock	1
9	6E5-43887-00	..BOLT, through	2	44	6H3-43855-00	.SPRING, up relief	1
10	90201-05M01	..WASHER, plate	2	45	6E5-43859-00	.PIN, valve support	1
11	688-43807-11	..WIRE SUB ASSY	1	46	6E5-43877-01	.BALL	1
12	697-4380E-01	.TILT CYLINDER ASSY	1	47	6E5-43895-00	.SEAT, relief valve	1
13	6E5-43861-00	..O-RING	1	48	6E5-43896-00	.O-RING	1
14	6E5-43862-00	..O-RING	2	49	6E5-43816-10	.FILTER 1	1
15	6E5-43872-00	..RING, back up	2	50	6E5-43817-10	.FILTER 2	1
16	6E5-43814-01	..PISTON, free	1	51	90109-06M21	.BOLT	1
17	6E5-43829-00	.PLUG, reservoir	1	52	6E5-43897-00	.O-RING	1
18	6E5-43863-00	.O-RING	1	53	6E5-43878-01	.BOLT, socket	2
19	6E5-43818-00	.PIN, lower shock mount	1	54	6E5-43888-01	.BOLT, socket	1
20	90386-18M14	.BUSH	2	55	6E5-43831-00	.CONNECTOR, shaft	1
21	90119-06M42	.BOLT, with washer	6	56	6E5-43830-00	.GEAR PUMP ASSY	1
22	6E5-43820-02	.PISTON SUB ASSY	2	57	93210-07M78	.O-RING	2
23	6E5-43864-00	..O-RING	1	58	6E5-43847-00	.SEAT, manual valve	2
24	6E5-43874-01	..RING, back up	1	59	6E5-43854-01	.SPRING, manual release	1
25	6E5-43821-01	.SCREW, trim cylinder end	2	60	6E5-4382A-00	.ADAPTOR 1	1
26	6E5-43822-01	.SEAL, trim dust	2	61	93210-10M74	.O-RING	1
27	6E5-43862-00	.O-RING	2	62	6E5-43845-01	.SCREW, manual release	1
28	6E5-43865-00	.O-RING	2	63	93210-18M75	.O-RING	1
29	6E5-43802-00	.VALVE SUB ASSY	2	64	6E5-43875-00	.RING, snap	1
30	6E5-43866-00	..O-RING	1	65	90201-05M00	.WASHER, plate	3
31	6E5-43867-00	..O-RING	1	66	6E5-4381A-00	.SHAFT	1
32	6E5-43841-01	.PISTON, shuttle	1	67	6E5-43849-01	.PIN, valve support	1
33	6E5-43868-00	.O-RING	1	68	6E5-43824-01	.SPRING, compression	1
34	6E5-43869-00	.O-RING	2	69	93210-06M77	.O-RING	1
35	6E5-43833-01	.PIPE	1	70	6E5-43842-00	.SCREW, valve seat	1

Fig. 14 POWER TRIM & TILT ASSY 2 (LONG)

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Fig. 14 POWER TRIM & TILT ASSY 2 (LONG)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-43800-10-EJ	POWER TRIM & TILT ASSY	1	35	6H1-43841-10	.PISTON, shuttle	1
2	6H1-43880-00	.MOTOR ASSY	1	36	6H1-43856-10	.SPRING, down relief	1
3	6H1-43807-00	..WIRE SUB ASSY	1	37	6H1-43844-10	.PIN, valve support	2
4	6H1-43886-00	..BOLT	1	38	6H1-43846-10	.SEAL, relief valve	1
5	6H1-43885-00	..GROMMET	1	39	6H1-4384F-00	.SEAL, main valve	1
6	6H1-43826-00	..WASHER, wave	1	40	6H1-43817-00	.FILTER 2	1
7	6H1-43884-00	..FRAME, commutator end	1	41	6H1-43831-00	.CONNECTOR, shaft	1
8	6H1-43806-00	..BRUSH HOLDER ASSY	1	42	6H1-43830-10	.GEAR PUMP ASSY	1
9	93210-71M76	..O-RING	2	43	6H1-43847-00	.SEAT, manual valve	2
10	6H1-43805-00	..ARMATURE ASSY	1	44	6H1-43899-00	.SPRING, manual release	1
11	6H1-43887-00	..BOLT, through	2	45	6H1-4382A-10	.ADAPTOR 1	1
12	6H1-43804-00	..STATOR ASSY	1	46	6H1-43854-00	.SPRING, manual release	1
13	6H1-43881-00	..FRAME, end	1	47	93210-10M74	.O-RING	1
14	6H1-43840-10	.POWER TILT ASSY	1	48	6H1-43845-01	.SCREW, manual release	1
15	6H1-43861-10	..O-RING	2	49	93210-18M75	.O-RING	1
16	6H1-43814-10	..PISTON, free	1	50	6H1-43875-00	.RING, snap	1
17	6H1-43872-00	..RING, back up	1	51	6H1-43822-10	.SEAL, trim dust	2
18	6H1-43861-00	..O-RING	1	52	6H1-43821-10	.SCREW, trim cylinder end	2
19	6H1-4389H-10	..O-RING	1	53	6H1-43861-10	.O-RING	2
20	6H1-43871-10	..RING, back up	1	54	90380-16109	.BUSH, solid	2
21	6H1-43869-00	.O-RING	2	55	6H1-4384E-10	.SPRING, trim	2
22	6H1-43835-10	.PIPE	1	56	6H1-43820-10	.PISTON SUB ASSY	2
23	90386-18M14	.BUSH	2	57	6H1-43864-00	..O-RING	1
24	6E5-43818-00	.PIN, lower shock mount	1	58	91316-06020	..BOLT	1
25	6H1-43833-10	.PIPE	1	59	93210-10M74	..O-RING	1
26	6H1-43834-00	.PIPE	1	60	6H1-43816-00	.FILTER 1	1
27	97395-06020	.BOLT	6	61	6H1-43896-00	.O-RING	1
28	92990-06100	.WASHER, spring	6	62	6H1-43895-10	.SEAT, relief valve	1
29	6H1-43829-00	.PLUG, reservoir	1	63	6H1-43855-10	.SPRING, up relief	1
30	93210-09165	.O-RING	1	64	6H1-43843-10	.SCREW, valve lock	1
31	93210-06519	.O-RING	3	65	6H1-4388E-00	.PLUG, tapper screw	1
32	6H1-43802-10	.VALVE SUB ASSY	2	66	97501-05225	.BOLT, with washer	3
33	6H1-43866-00	..O-RING	1	67	6H1-43874-00	.RING, back up	2
34	6H1-43867-00	..O-RING	1				

Fig. 15 CONTROL

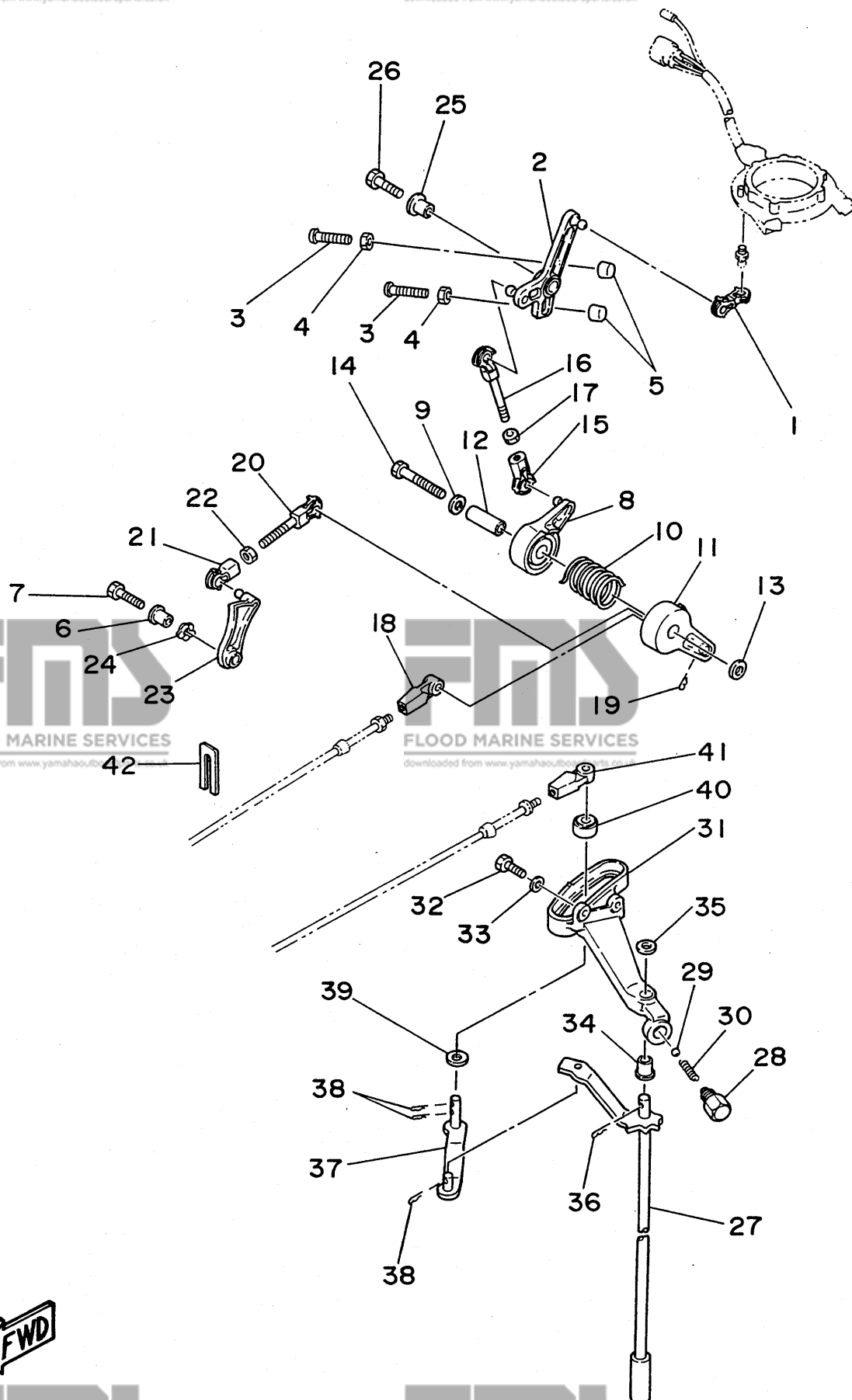


Fig. 15 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-41238-00	JOINT, link	1	23	6H3-41213-01	CAM, accel.	1
2	6H3-41631-00	LEVER, magneto control	1	24	90206-10M04	WASHER, wave	1
3	90157-06M00	SCREW, pan head	2	25	90387-06M60	COLLAR	1
4	95303-06600	NUT	2	26	97313-06025	BOLT	1
5	688-44194-00	CAP	2	27	6H3-44120-01	HANDLE GEAR SHIFT ASSY (Short)	1 UR
6	90387-06M60	COLLAR	1		6H3-44120-11	HANDLE GEAR SHIFT ASSY (Long)	1 UR
7	97313-06025	BOLT	1	28	648-42715-00	BUSHING	1
8	6H3-41632-00	LEVER, magneto control	1	29	93501-04M02	BALL	1
9	90201-06M31	WASHER, plate	1	30	90501-12082	SPRING, compression	1
10	90508-29M19	SPRING, torsion	1	31	6H3-44117-00-94	BRACKET	1
11	6H3-41633-00	LEVER, magneto control	1	32	97313-06020	BOLT	2
12	90387-06M59	COLLAR	1	33	92990-06600	WASHER, plate	2
13	90201-06M31	WASHER, plate	1	34	90386-07M58	BUSH	1
14	97313-06045	BOLT	1	35	92990-08200	WASHER, plain	1
15	6H1-41237-00	JOINT, link	1	36	91490-20015	PIN, cotter	1
16	679-41636-00	ROD, magneto control	1	37	6H3-44121-00	LEVER, shift rod	1
17	95303-05600	NUT	1	38	90468-18008	CLIP	3
18	663-48344-00	CABLE END, remote control	1	39	90202-07M07	WASHER, plate	1
19	90468-18008	CLIP	1	40	688-44122-00	BUSHING, shift rod lever	1
20	682-41237-50	JOINT, link	1	41	663-48344-00	CABLE END, remote control	1
21	6H1-41237-00	JOINT, link	1	42	6H3-48538-00	CLAMP, cable 1	1
22	95303-05600	NUT	1				

Fig. 16 UPPER CASING

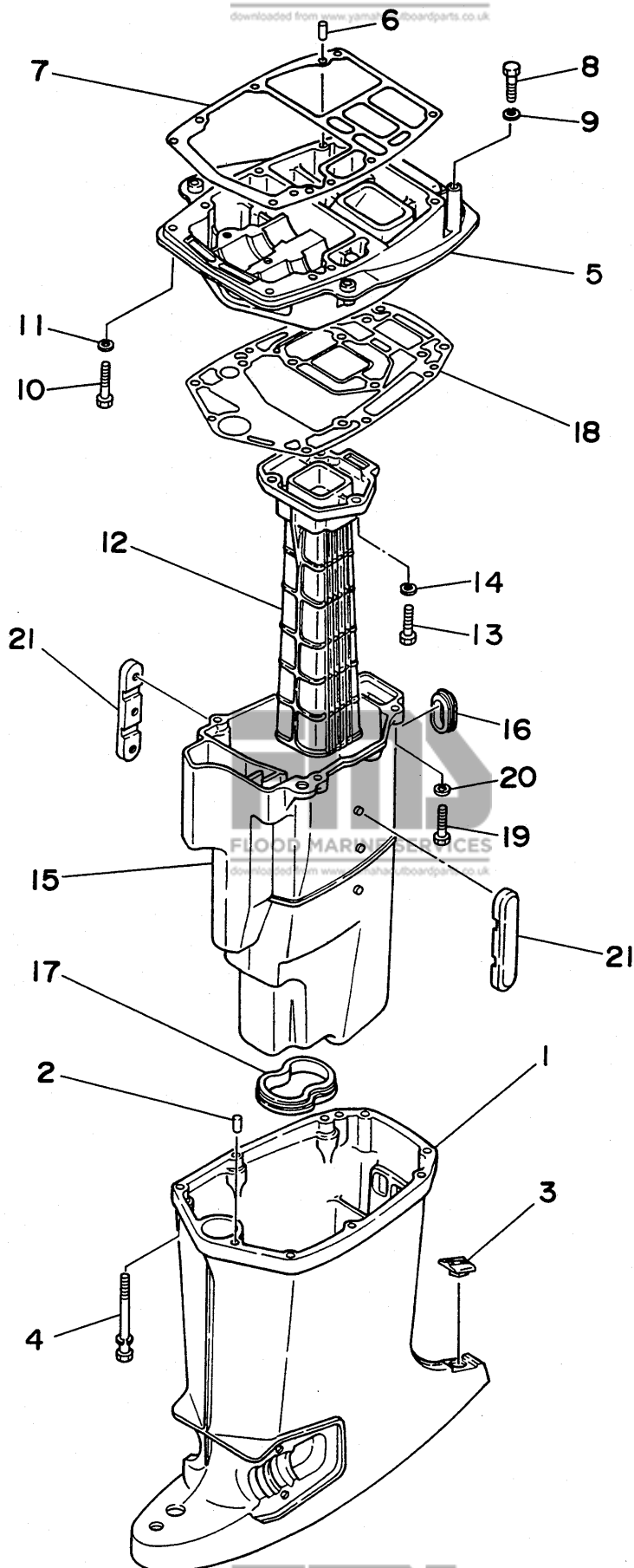


Fig. 16 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-45111-00-EJ CASING, upper (Short)		1 UR	12	6H3-41131-00-9M MANIFOLD, ext. 1 (70B Model)		1 UR
	6H3-45111-10-EJ CASING, upper (Long)		1 UR		6H2-41131-00-9M MANIFOLD, ext. 1 (60F Model)		1 UR
2	93606-12019	PIN, dowel	2	13	97395-08030	BOLT	3
3	6H3-45155-00	CAP	1	14	92990-08100	WASHER, spring	3
4	90101-08M85	BOLT	6	15	6H3-14711-00-9M MUFFLER 1 (Short)		1 UR
5	6H3-41137-00-94	GUIDE, exhaust	1		6H3-14711-10-9M MUFFLER 1 (Long)		1 UR
6	93606-12019	PIN, dowel	2	16	6H3-45127-00	SEAL	1
7	6H3-45113-00	GASKET, upper casing	1	17	6H3-45123-00	GASKET, muffler	1
8	97395-08030	BOLT	2	18	6H3-45114-01	GASKET, upper casing	1
9	92990-08100	WASHER, spring	2	19	97395-08030	BOLT	4
10	97390-08035	BOLT	2	20	92990-08100	WASHER, spring	4
11	92990-08100	WASHER, spring	2	21	6H3-14737-00	DAMPER, muffler (Short)	2 UR
					6H3-14737-10	DAMPER, muffler (Long)	2 UR

Fig. 17 LOWER CASING. DRIVE I

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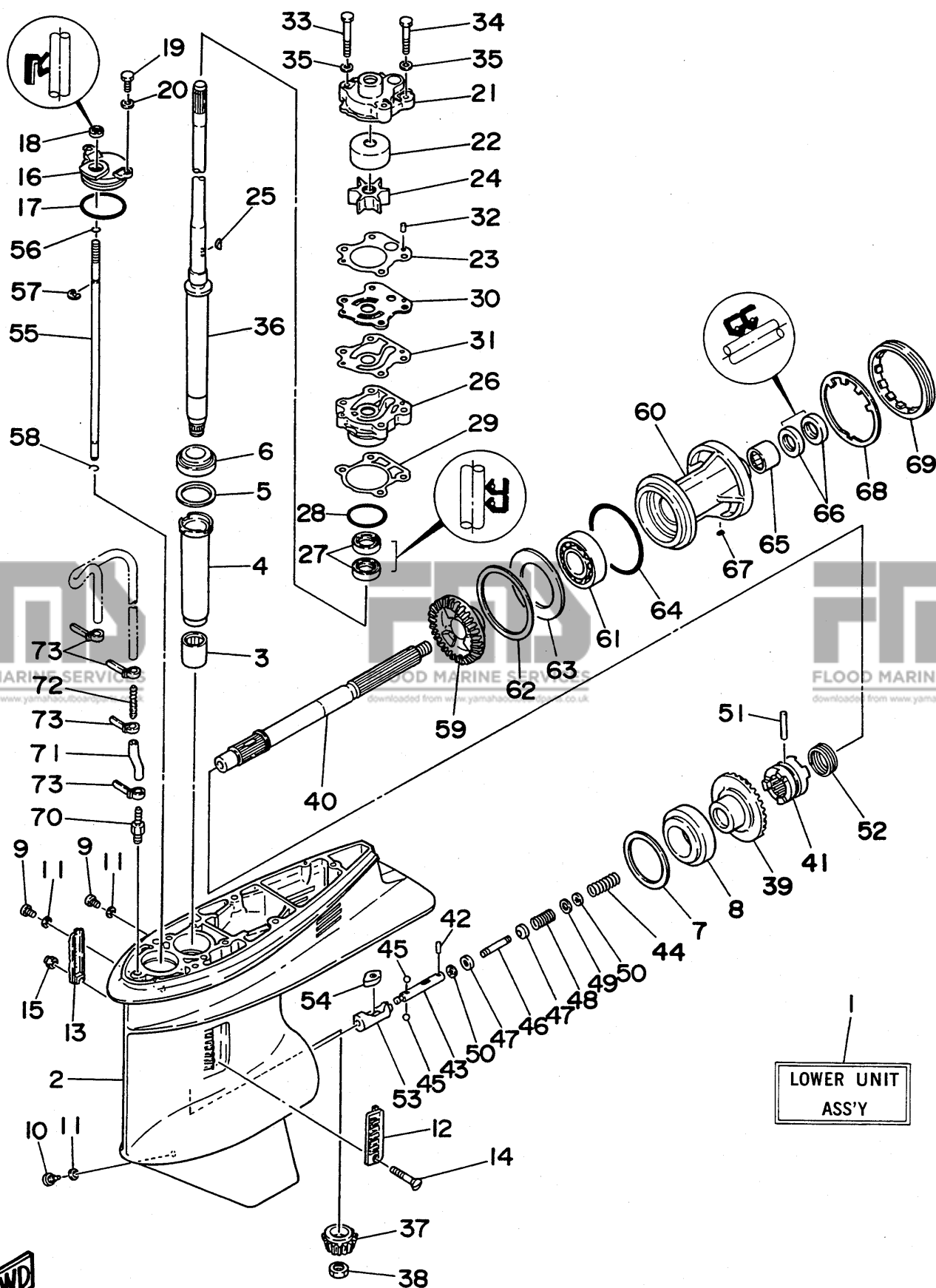
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212

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Fig. 17 LOWER CASING. DRIVE 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-45300-02-EJ	LOWER UNIT ASSY (Short) (Ref. No. 2 to 72)	1 UR	34	97395-08045	BOLT	2
	6H3-45300-12-EJ	LOWER UNIT ASSY (Long) (Ref. No. 2 to 72)	1 UR	35	90209-08M02	WASHER	4
2	6H1-45301-01-EJ	CASING, lower	1	36	6H3-45501-00	DRIVE SHAFT COMP. (Short)	1 UR
3	93315-325V1	BEARING, cylindrical	1		6H3-45501-10	DRIVE SHAFT COMP. (Long)	1 UR
4	688-45536-01	SLEEVE, drive shaft	1	37	6K5-45551-00	PINION (12T)	1
5	688-45587-01-10	SHIM (T:0.10MM)	1 UR	38	90170-16M01	NUT	1
	688-45587-01-12	SHIM (T:0.12MM)	1 UR	39	6K5-45560-00	GEAR (28T)	1
	688-45587-01-15	SHIM (T:0.15MM)	1 UR	40	6H1-45611-01	SHAFT, propeller	1
	688-45587-01-18	SHIM (T:0.18MM)	1 UR	41	6H1-45631-01	CLUTCH, dog	1
	688-45587-01-30	SHIM (T:0.30MM)	1 UR	42	93603-12M11	PIN, dowel	1
	688-45587-01-40	SHIM (T:0.40MM)	1 UR	43	6H1-45634-02	SLIDE, shift	1
	688-45587-01-50	SHIM (T:0.50MM)	1 UR	44	90501-16M65	SPRING, compression	1
6	93332-000U3	BEARING	1	45	93503-16010	BALL	2
7	688-45567-01-10	SHIM (T:0.10MM)	1 UR	46	6H1-45668-00	SHAFT, free	1
	688-45567-01-12	SHIM (T:0.12MM)	1 UR	47	6H1-45635-00	PLUNGER, shift	2
	688-45567-01-15	SHIM (T:0.15MM)	1 UR	48	90501-12M48	SPRING, compression	1
	688-45567-01-18	SHIM (T:0.18MM)	1 UR	49	90201-03313	WASHER, plate	1
	688-45567-01-30	SHIM (T:0.30MM)	1 UR	50	90183-02M03	NUT, spring	2
	688-45567-01-40	SHIM (T:0.40MM)	1 UR	51	90250-07M02	PIN, straight	1
	688-45567-01-50	SHIM (T:0.50MM)	1 UR	52	688-45633-00	RING, cross pin	1
8	93332-000U5	BEARING	1	53	6H1-45641-01	SHIFTER	1
9	90340-08M04	PLUG, straight screw	2	54	6H1-44151-00	CAM, shift	1
10	688-45341-00	PLUG, drain	1	55	6H1-44144-00	ROD, shift	1
11	90430-08020	GASKET	3	56	93210-07435	O-RING	1
12	688-45214-02	COVER, water inlet	1	57	99001-08600	CIRCLIP	1
13	688-45215-02	COVER, water inlet	1	58	93450-07M00	CIRCLIP	1
14	98680-05545	SCREW, oval head	1	59	6H3-45571-00	GEAR	1
15	90185-05002	NUT, self-locking	1	60	688-45331-00-94	HOUSING, bearing	1
16	688-45321-00	PLATE	1	61	93306-207U0	BEARING	1
17	93210-49046	O-RING	1	62	688-45577-01-10	SHIM (T:0.10MM)	1 UR
18	93106-09014	OIL SEAL	1		688-45577-01-12	SHIM (T:0.12MM)	1 UR
19	97395-06016	BOLT	2		688-45577-01-15	SHIM (T:0.15MM)	1 UR
20	92990-06600	WASHER, plate	2		688-45577-01-18	SHIM (T:0.18MM)	1 UR
21	6H3-44311-00	HOUSING, water pump	1		688-45577-01-30	SHIM (T:0.30MM)	1 UR
22	663-44322-00	INSERT, cartridge	1		688-45577-01-40	SHIM (T:0.40MM)	1 UR
23	6H3-44315-00	GASKET, water pump	1		688-45577-01-50	SHIM (T:0.50MM)	1 UR
24	6H3-44352-00	IMPELLER	1	63	688-45576-00	WASHER, thrust	1
25	90280-03M03	KEY, woodruff	1	64	93210-85M15	O-RING	1
26	6H3-44341-00-94	HOUSING, water pump	1	65	93317-325U0	BEARING, cylindrical	1
27	93101-23070	OIL SEAL	2	66	93101-25M03	OIL SEAL	2
28	93210-46044	O-RING	1	67	90282-04010	KEY, straight	1
29	688-44316-01	GASKET, water pump	1	68	688-45383-02	WASHER, claw	1
30	6H3-44323-00	OUTER PLATE, cartridge	1	69	688-45384-00	NUT	1
31	6H3-44324-00	GASKET, cartridge	1	70	6E5-45378-00	NIPPLE, hose	1
32	93604-10M03	PIN, dowel	2	71	90445-07ME8	HOSE (Short)	1 UR
33	97395-08055	BOLT	2		90445-07ME9	HOSE (Long)	1 UR
				72	6E5-83558-10	END, nipple	1
				73	90465-11M10	CLAMP	4

Fig. 18 LOWER CASING. DRIVE 2

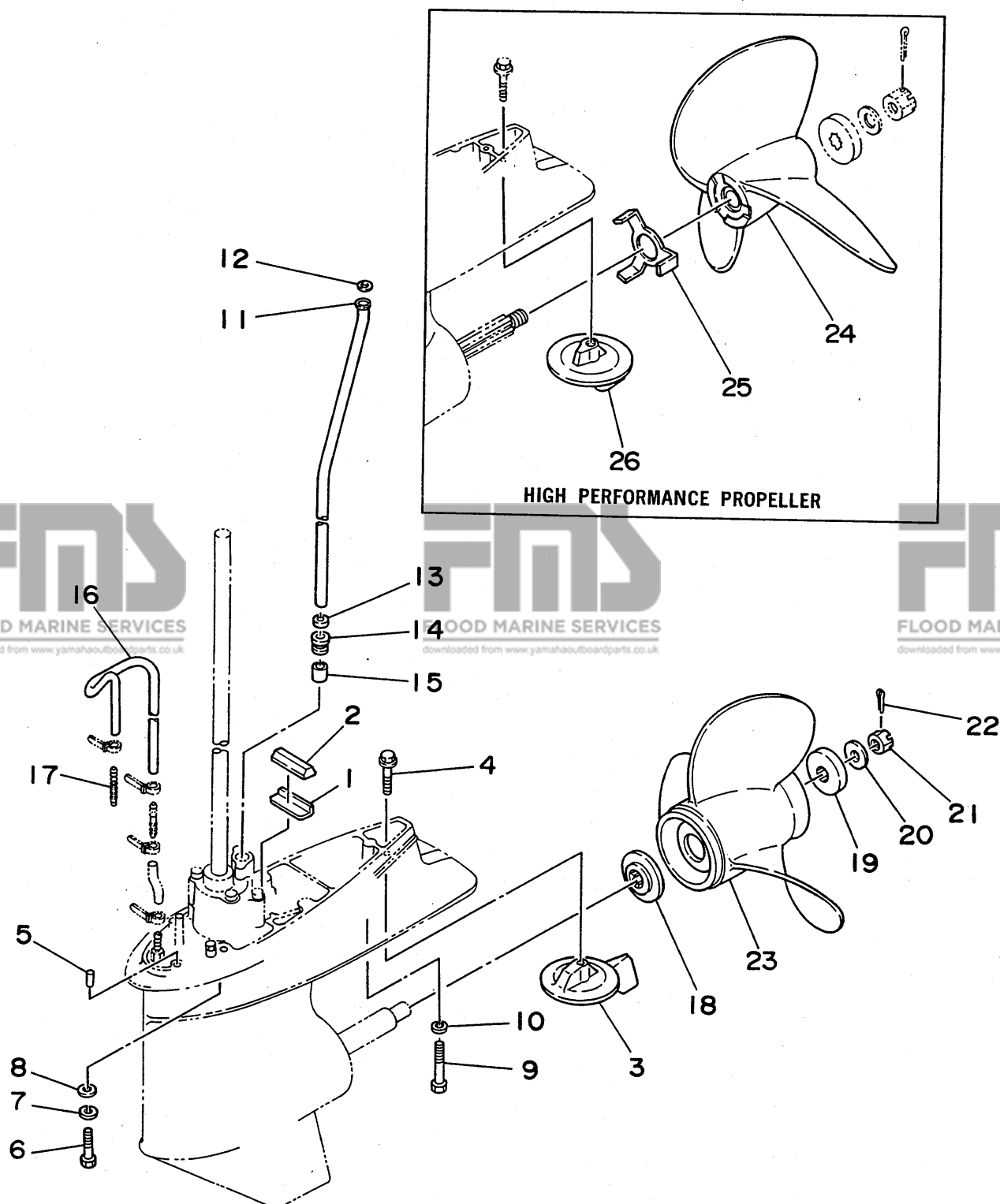


Fig. 18 LOWER CASING. DRIVE 2

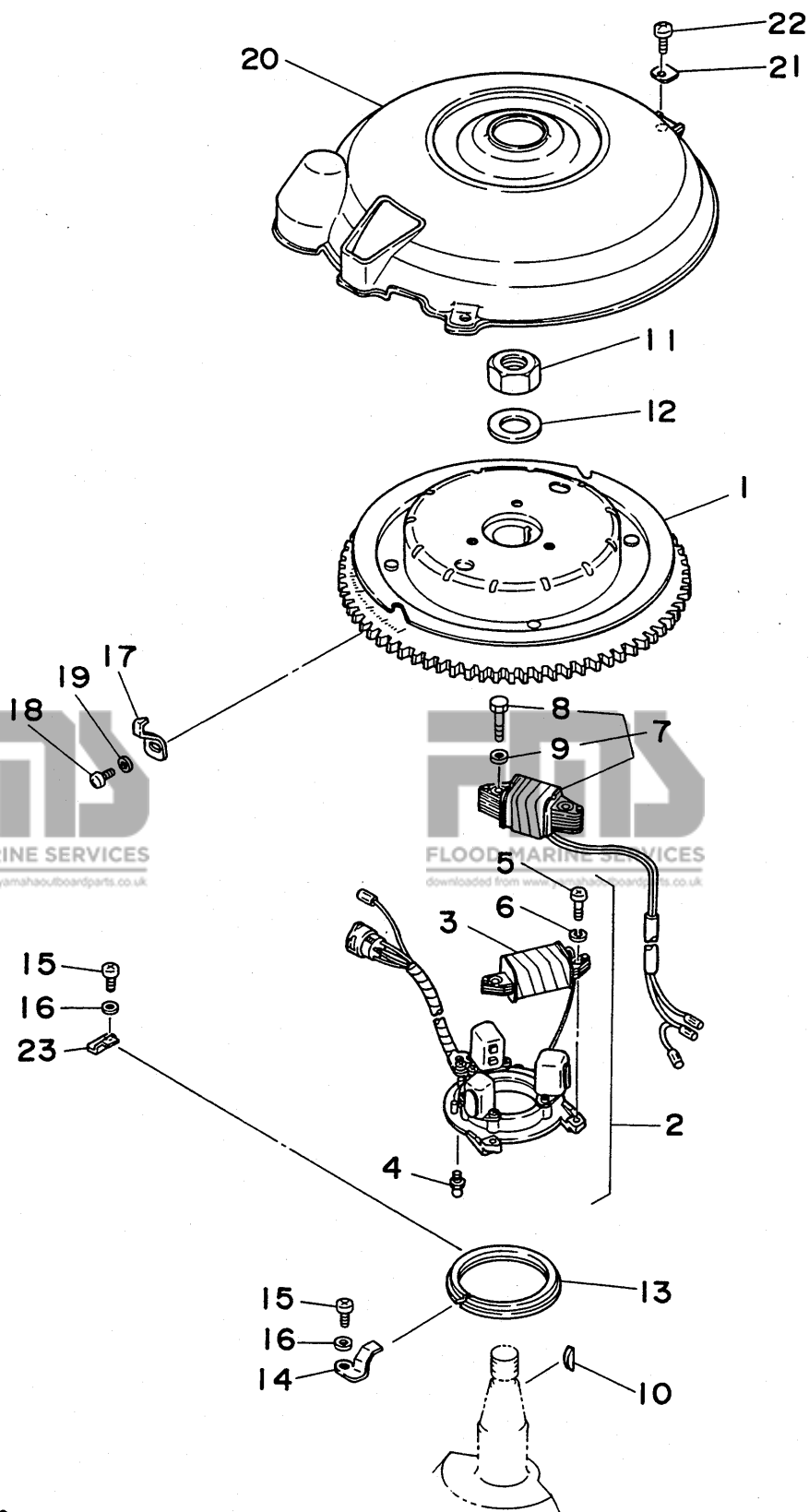
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	663-45376-00-94	GUIDE, seal damper	1	23	6E5-45941-00-EL	PROPELLER (3X13"X19"-K)	1 UR
2	688-45375-00	DAMPER, seal	1		6E5-45943-00-EL	PROPELLER (3X12-5/8"X21"-K)	1 UR
3	688-45371-02	TAB-TRIM	1		6E5-45945-01-EL	PROPELLER (3X13-1/4"X17"-K)	1 UR
4	90105-10M00	BOLT, washer based	1		6E5-45947-00-EL	PROPELLER (3X13-1/2"X15"-K)	1 UR
5	93606-12019	PIN, dowel	2		6E5-45949-00-EL	PROPELLER (3X13-5/8"X13"-K)	1 UR
6	97375-10040	BOLT	4		6E5-45952-00-EL	PROPELLER (3X13"X23"-K)	1 UR
7	92990-10100	WASHER, spring	4		6E5-45954-00-EL	PROPELLER (3X14"X11"-K)	1 UR
8	92990-10600	WASHER, plate	4		6E5-45956-00-EL	PROPELLER (3X13"X25"-K)	1 UR
9	97395-08060	BOLT	1		STAINLESS STEEL PROPELLER		
10	92990-08100	WASHER, spring	1		688-45970-03-98	PROPELLER (3X13"X19"-K)	1 UR
11	6H3-44361-00	TUBE, water (Short)	1 UR		688-45972-02-98	PROPELLER (3X13"X21"-K)	1 UR
	6H3-44361-10	TUBE, water (Long)	1 UR		688-45974-02-98	PROPELLER (3X13"X23"-K)	1 UR
12	90202-12060	WASHER, plate	1		688-45976-01-98	PROPELLER (3X13"X25"-K)	1 UR
13	90430-12072	GASKET	1		688-45978-60-98	PROPELLER (3X13-1/2"X16"-K)	1 UR
14	663-44367-00	DAMPER, water seal	1		688-45930-01-98	PROPELLER (3X13"X17"-K)	1 UR
15	663-44366-00	DAMPER, water seal	1		688-45932-60-98	PROPELLER (3X13-1/2"X14"-K)	1 UR
16	90445-07MF1	HOSE	1		HIGH PERFORMANCE PROPELLER		
17	6E5-83558-00	END, nipple	1	24	6E5-45970-10	PROPELLER (3X14"X20"-P)	1 UR
18	688-45987-00	SPACER	1		6E5-45972-10	PROPELLER (3X14"X24"-P)	1 UR
19	688-45997-00	SPACER	1		6E5-45974-10	PROPELLER (3X14"X28"-P)	1 UR
20	90201-17M25	WASHER, plate	1		6E5-45976-10	PROPELLER (3X14"X22"-P)	1 UR
21	90171-16011	NUT, castle	1		6E5-45978-10	PROPELLER (3X14"X26"-P)	1 UR
22	91490-40025	PIN, cotter	1	25	6E5-45994-10	PLATE, tooth	1
				26	6E5-45371-10	TAB-TRIM	1

Fig. 19 MAGNETO

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Fig. 19 MAGNETO

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6K5-85550-A0	ROTOR ASSY	1	13	6H3-41611-00	RETAINER, magneto base	1
2	6H3-85510-A0	STATOR ASSY	1	14	6H3-41612-00	RETAINER, magneto base	2
3	6H3-85520-00	.COIL, charge	1	15	92580-06012	SCREW, pan head	3
4	663-85518-00	.JOINT, ball	1	16	92990-06600	WASHER, plate	3
5	98501-05016	.SCREW, pan head	2	17	6E5-81332-00	PLATE, timing	1
6	92990-05100	.WASHER, spring	2	18	97803-06010	SCREW, pan head	1
7	6H3-81303-A0	LIGHTING COIL ASSY	1	19	92990-06600	WASHER, plate	1
8	97313-06030	.BOLT	2	20	6H3-81337-00	COVER, flywheel	1
9	92990-06600	.WASHER, plate	2	21	90209-06M04	WASHER	3
10	90280-05049	KEY, woodruff	1	22	92503-06015	SCREW, pan head	3
11	90170-20137	NUT	1	23	6H3-41612-10	RETAINER, magneto base	1
12	90201-21M18	WASHER, plate	1				

Fig. 20 STARTING MOTOR

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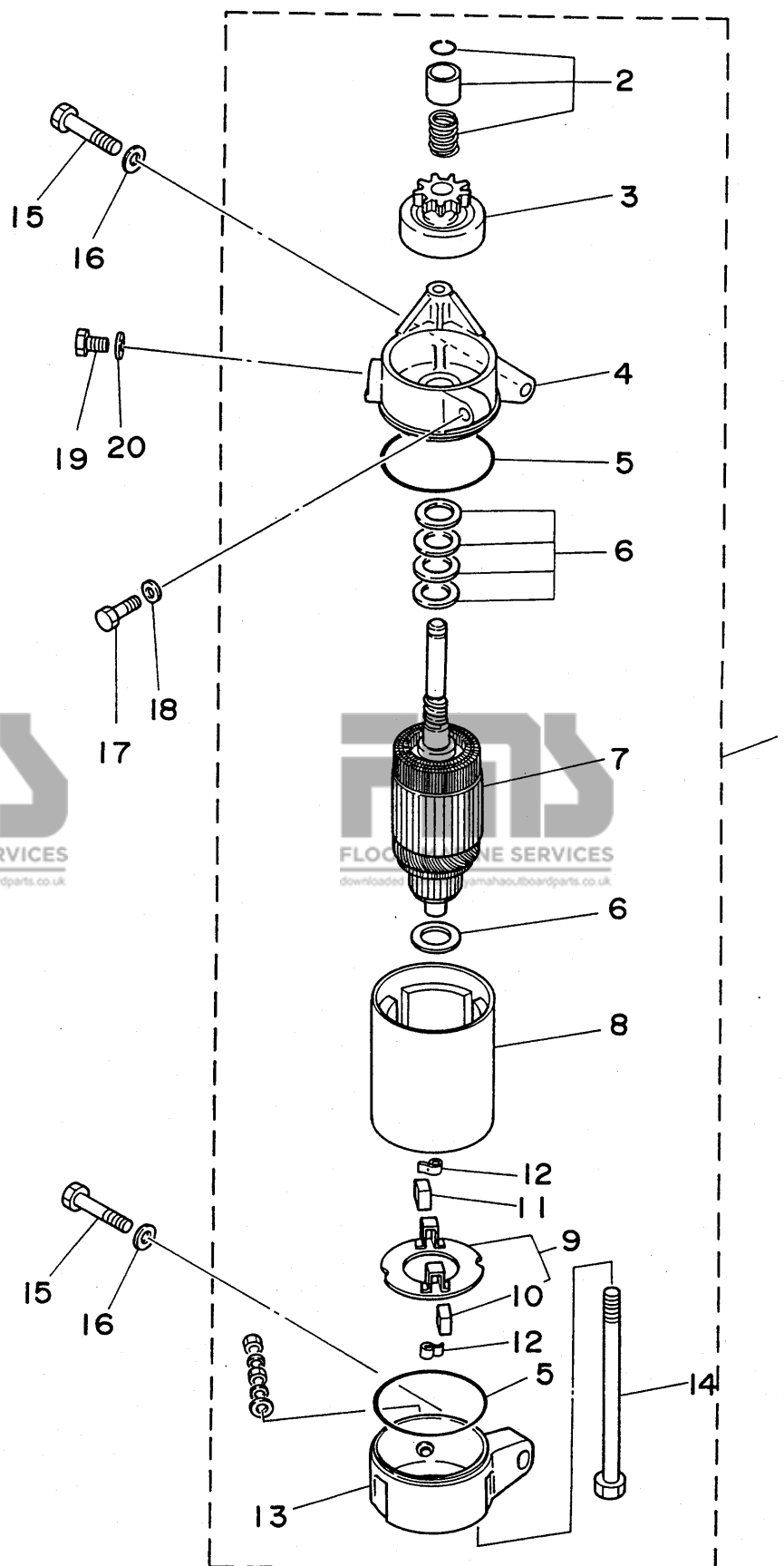
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218

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Fig. 20 STARTING MOTOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-81800-10	STARTING MOTOR ASSY	1	11	689-81811-11	.BRUSH 1	1
2	689-81857-11	.RETAINER	1	12	689-81813-10	.SPRING, brush	2
3	6H3-81807-10	.GEAR ASSY, starting motor	1	13	6H3-81820-11	.REAR BRACKET ASSY	1
4	6H3-81830-10	.FRONT BRACKET ASSY	1	14	689-81826-10	.BOLT	2
5	689-81844-11	.GASKET	2	15	97313-08035	BOLT	2
6	689-81809-11	.WASHER KIT	1	16	92990-08600	WASHER, plate	2
7	689-81850-11	.ARMATURE ASSY	1	17	97313-06025	BOLT	1
8	6H3-81810-10	.STATOR ASSY	1	18	92990-06600	WASHER, plate	1
9	689-81840-11	.BRUSH HOLDER ASSY	1	19	97313-08016	BOLT	1
10	689-81812-11	..BRUSH 2	1	20	92990-08600	WASHER, plate	1

Fig. 21 ELECTRICAL

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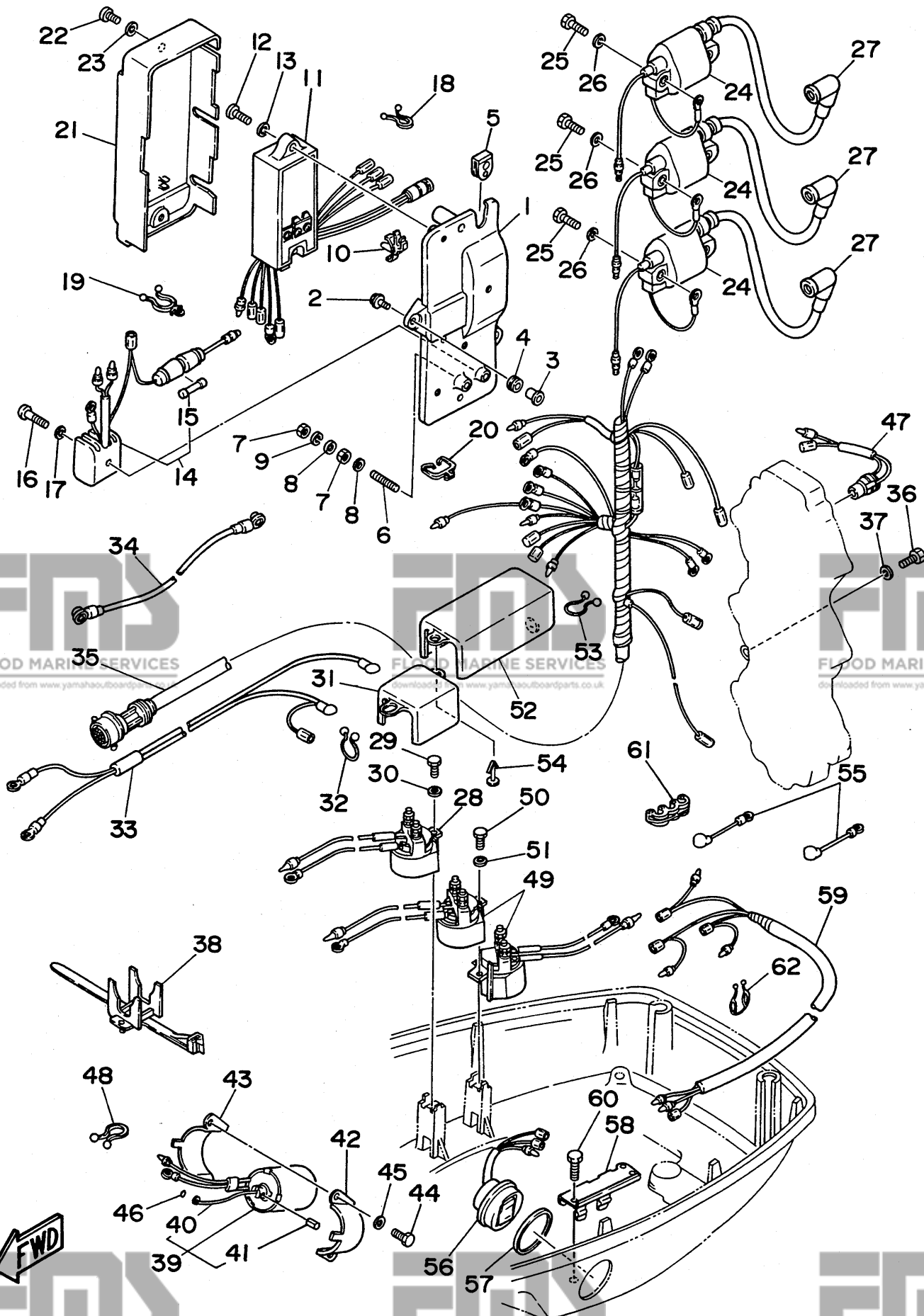
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Fig. 21 ELECTRICAL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-85542-00-94	BRACKET	1	35	6H3-82590-11	WIRE HARNESS ASSY	1
2	90105-06M14	BOLT, washer based	3	36	97313-06012	BOLT	1
3	90387-06M43	COLLAR	3	37	92990-06600	WASHER, plate	1
4	90480-13M24	GROMMET	3	38	688-82594-00	CLAMP	1
5	6H3-81922-00	GROMMET	1	39	6H3-86110-02	SOLENOID	1
6	90116-06M07	BOLT, stud	1	40	6H3-86116-00	.WIRE, pull	1
7	95380-06700	NUT	2	41	91690-30010	.PIN, spring	1
8	92990-06200	WASHER, plain	2	42	6H3-86112-00	STAY, solenoid	1
9	92990-06100	WASHER, spring	1	43	6H3-86115-00	HOLDER, solenoid	1
10	90464-04M12	CLAMP	1	44	97313-06016	BOLT	2
11	6H3-85540-11	C.D.I. UNIT ASSY	1	45	92990-06600	WASHER, plate	2
12	92580-06025	SCREW, pan head	2	46	93210-03261	O-RING	1
13	92990-06600	WASHER, plate	2	47	688-82560-10	THERMO SWITCH ASSY	1
14	6G1-81970-60	RECTIFIER ASSY	1	48	90465-18147	CLAMP	1
15	6G1-82151-00	.FUSE	1	49	688-81950-10	RELAY ASSY	
16	98503-05025	SCREW, pan head	1		(60FETO/70BETO Model)		2
17	92990-05600	WASHER, plate	1	50	97313-06020	BOLT (60FETO/70BETO Model)	1
18	90465-18147	CLAMP	1	51	92990-06600	WASHER, plate	
19	90464-12M17	CLAMP	1		(60FETO/70BETO Model)		1
20	90464-07M10	CLAMP	1	52	6H3-82154-00	CASE (60FETO/70BETO Model)	1
21	6H3-81916-00	COVER, terminal	1	53	90464-16039	CLAMP (60FETO/70BETO Model)	1
22	92580-06012	SCREW, pan head	2	54	90338-06M10	PLUG (60FETO/70BETO Model)	1
23	92990-06600	WASHER, plate	2	55	688-81949-00	WIRE, lead	
24	6H3-85570-10	IGNITION COIL ASSY	3		(60FETO/70BETO Model)		2
25	97313-06025	BOLT	6	56	6H1-82563-00	TRIM & TILT SWITCH ASSY	
26	92990-06600	WASHER, plate	6		(60FETO/70BETO Model)		1
27	6G1-82370-20	PLUG CAP ASSY	3	57	6E5-82587-00	GASKET (60FETO/70BETO Model)	1
28	688-81950-10	RELAY ASSY	1	58	6E5-83614-01	BRACKET (60FETO/70BETO Model)	1
29	97313-06016	BOLT	1	59	6H3-82553-00	EXTENSION, wire lead	
30	92990-06600	WASHER, plate	1		(60FETO/70BETO Model)		1
31	6H3-82164-00	CASE 2	1	60	97313-06016	BOLT (60FETO/70BETO Model)	1
32	90464-16039	CLAMP	1	61	90464-07M05	CLAMP (60FETO/70BETO Model)	1
33	6H3-82105-00	WIRE HARNESS	1	62	90464-18M14	CLAMP (60FETO/70BETO Model)	1
34	6H3-82117-00	WIRE, lead	1				

Fig. 22 REPAIR KIT I

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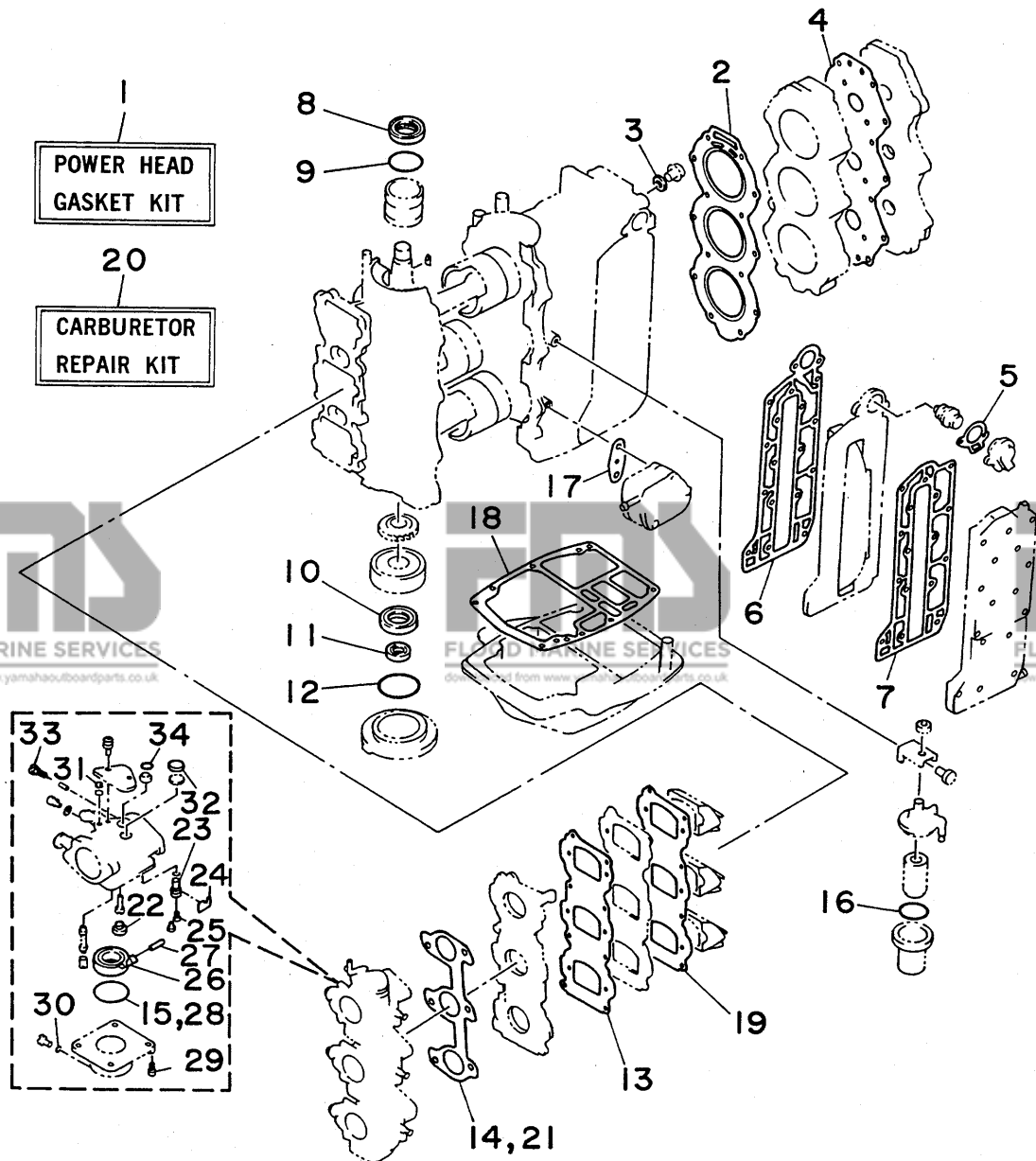


Fig. 22 REPAIR KIT 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-W0001-00	POWER HEAD GASKET KIT	1	18	6H3-45113-00	.GASKET, upper casing	1
2	6H3-11181-01	.GASKET, cylinder head 1	1	19	6H3-13622-00	.GASKET, valve seat	1
3	90430-14115	.GASKET	1	20	6H3-W0093-01	CARBURETOR REPAIR KIT	1
4	6H3-11193-00	.GASKET, head cover 1	1	21	6H3-14198-01	.GASKET	1
5	6H3-12414-00	.GASKET, cover	1	22	676-14966-00	.CAP	3
6	6H3-41112-00	.GASKET, exhaust inner cover	1	23	6H3-14590-00	.NEEDLE VALVE ASSY	3
7	6H3-41114-00	.GASKET, exhaust outer cover	1	24	663-14159-00	.CLIP	3
8	93102-36M24	.OIL SEAL	1	25	676-14186-00	.PIN, float	3
9	93210-46M16	.O-RING	1	26	661-14985-00	.FLOAT	3
10	93102-30M23	.OIL SEAL	1	27	688-14548-00	.PIN, float arm	3
11	93106-18M01	.OIL SEAL	1	28	661-14984-00	.O-RING	3
12	93210-65M50	.O-RING	1	29	90159-04M00	.SCREW, with washer	3
13	6H3-13621-00	.GASKET, valve seat	1	30	93210-04230	.O-RING	3
14	6H3-14198-01	.GASKET	1	31	663-14126-00	.GASKET	3
15	661-14984-00	.O-RING	3	32	688-14126-00	.GASKET	3
16	93210-37M25	.O-RING	1	33	692-14923-00	.SCREW, pilot	3
17	650-24431-00	.GASKET, fuel pump 1	1	34	93210-15M52	.O-RING	3

Fig. 23 REPAIR KIT 2

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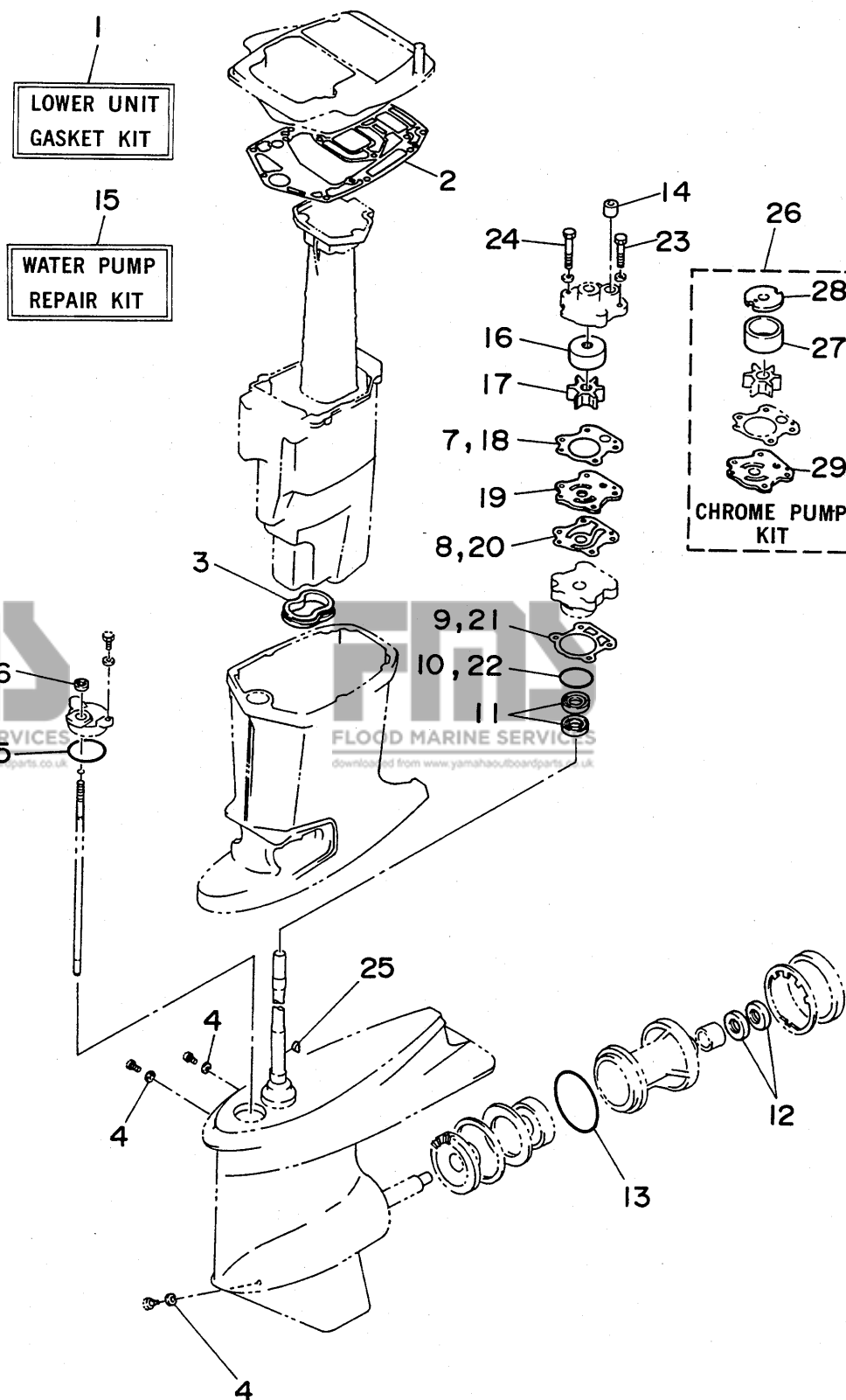


Fig. 23 REPAIR KIT 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-W0001-21	LOWER UNIT GASKET KIT	1	15	6H3-W0078-00	WATER PUMP REPAIR KIT	1
2	6H3-45114-01	.GASKET, upper casing	1	16	663-44322-00	.INSERT, cartridge	1
3	6H3-45123-00	.GASKET, muffler	1	17	6H3-44352-00	.IMPELLER	1
4	90430-08020	.GASKET	3	18	6H3-44315-00	.GASKET, water pump	1
5	93210-49046	.O-RING	1	19	6H3-44323-00	.OUTER PLATE, cartridge	1
6	93106-09014	.OIL SEAL	1	20	6H3-44324-00	.GASKET, cartridge	1
7	6H3-44315-00	.GASKET, water pump	1	21	688-44316-01	.GASKET, water pump	1
8	6H3-44324-00	.GASKET, cartridge	1	22	93210-46044	.O-RING	1
9	688-44316-01	.GASKET, water pump	1	23	97395-08045	.BOLT	2
10	93210-46044	.O-RING	1	24	97395-08055	.BOLT	2
11	93101-23070	.OIL SEAL	2	25	90280-03M03	.KEY, woodruff	1
12	93101-25M03	.OIL SEAL	2	26	6H3-W0078-0A	CHROME PUMP KIT	1
13	93210-85M15	.O-RING	1	27	670-44322-01	.INSERT, cartridge	1
14	663-44366-00	DAMPER, water seal	1	28	670-44321-00	.INNER PLATE, cartridge	1
				29	6H3-44323-40	.OUTER PLATE, cartridge	1



80A (6H0) 90A (6H1)

80A/90A



CONTENTS

Fig. 1	CYLINDER. CRANKCASE	230
Fig. 2	CRANKSHAFT. PISTON	232
Fig. 3	INTAKE	234
Fig. 4	CARBURETOR	236
Fig. 5	OIL PUMP	238
Fig. 6	FUEL	240
Fig. 7	TOP COWLING	242
Fig. 8	BOTTOM COWLING	244
Fig. 9	BRACKET 1 (80AEO/90AEO MODEL)	246
Fig. 10	BRACKET 2 (80AETO/90AETO MODEL)	248
Fig. 11	MANUAL TILT	250
Fig. 12	POWER TRIM & TILT	252
Fig. 13	POWER TRIM & TILT ASSY	254
Fig. 14	CONTROL	256
Fig. 15	UPPER CASING	258
Fig. 16	LOWER CASING. DRIVE 1	260
Fig. 17	LOWER CASING. DRIVE 2	262
Fig. 18	MAGNETO	264
Fig. 19	STARTING MOTOR	266
Fig. 20	ELECTRICAL	268
Fig. 21	REPAIR KIT 1	270
Fig. 22	REPAIR KIT 2	272

Fig. 1 CYLINDER. CRANKCASE

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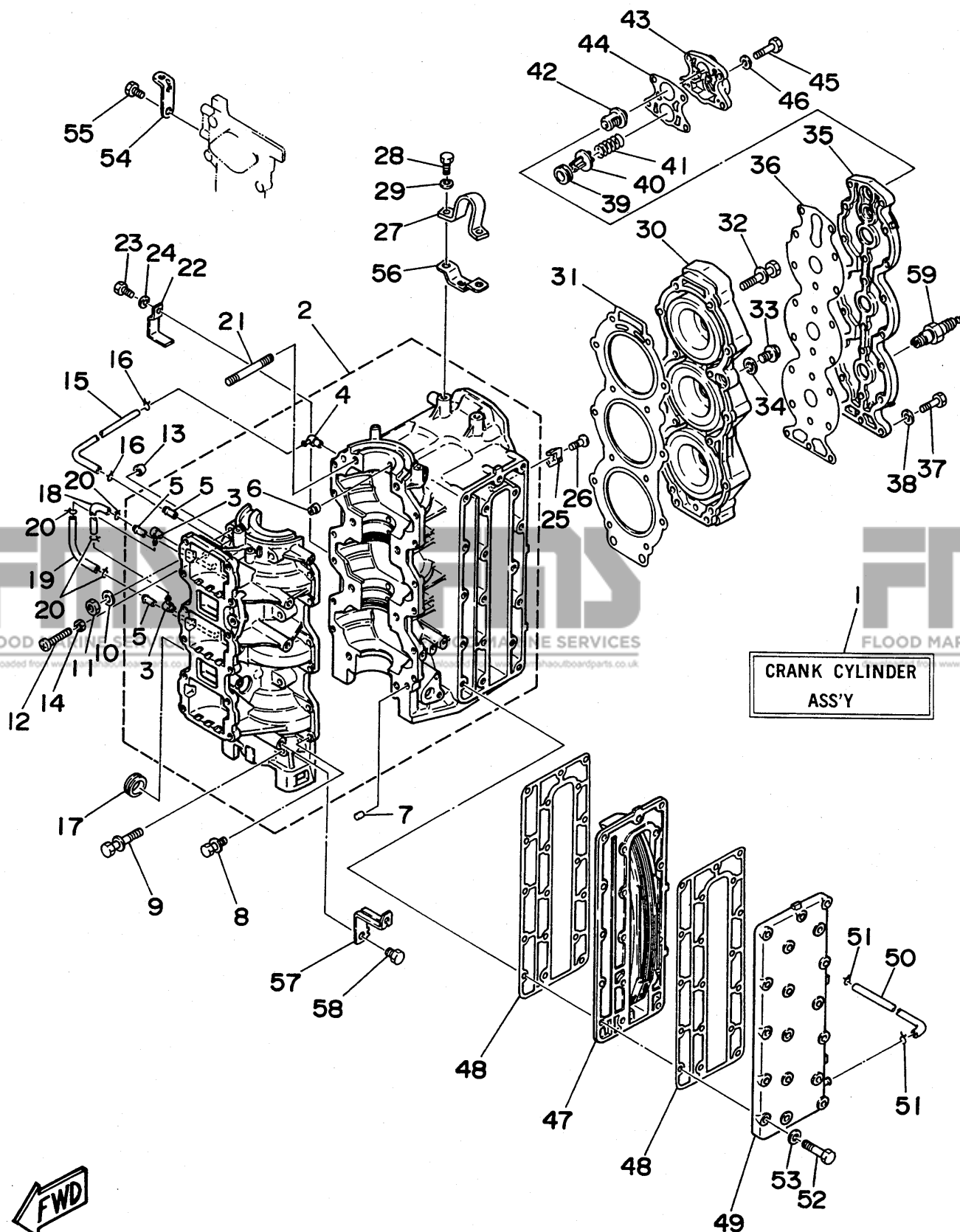
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CRANK CYLINDER
ASS'Y



Fig. 1 CYLINDER. CRANKCASE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-W0090-12-EJ	CRANK CYLINDER ASSY (Ref. No. 2 to 58 and Fig. 2, Ref. No. 1 to 23)	1	30	6H1-11111-00-94	HEAD, cylinder 1	1
2	6H1-15100-00-94	CRANKCASE ASSY	1	31	688-11181-02	GASKET, cylinder head 1	1
3	688-11370-00	.CHECK VALVE ASSY	2	32	90119-08M21	BOLT, with washer	14
4	650-11370-00	.CHECK VALVE ASSY	1	33	90340-14M00	PLUG, straight screw	1
5	624-14485-00	.PIPE, joint	3	34	90430-14115	GASKET	1
6	663-11518-01	.LOCK, bearing	3	35	688-11191-00-9M	COVER, cylinder head 1	1
7	93608-12063	PIN, dowel	2	36	688-11193-01	GASKET, head cover 1	1
8	90119-06M12	BOLT, with washer	12	37	97313-06025	BOLT	18
9	90119-10M07	BOLT, with washer	6	38	92990-06600	WASHER, plate	18
10	90201-100F7	WASHER, plate	2	39	90480-20M05	GROMMET	1
11	95313-10600	NUT	2	40	688-12416-00	VALVE, pressure control	1
12	90157-06014	SCREW, pan head	1	41	90501-16M11	SPRING, compression	1
13	688-44194-00	CAP	1	42	688-12411-01	THERMOSTAT	1
14	95303-06700	NUT	1	43	688-12413-00-9M	COVER, thermostat	1
15	90445-07260	HOSE	1	44	688-12414-00	GASKET, cover	1
16	90467-06016	CLIP	2	45	97013-06035	BOLT	4
17	90480-24M04	GROMMET	1	46	92990-06600	WASHER, plate	4
18	90445-07M00	HOSE	1	47	688-41111-00-9M	INNER COVER, exhaust	1
19	90445-07M23	HOSE	1	48	688-41112-00	GASKET, exhaust inner cover	2
20	90467-06016	CLIP	4	49	688-41113-00-9M	OUTER COVER, exhaust	1
21	90116-10M06	BOLT, stud	2	50	663-24312-01	PIPE 2	1
22	90465-12M03	CLAMP	1	51	90467-08004	CLIP	2
23	97313-06010	BOLT	1	52	97313-08040	BOLT	18
24	92990-06100	WASHER, spring	1	53	92990-08600	WASHER, plate	18
25	688-11325-00	ANODE	2	54	6H1-15772-00	STAY 2	1
26	98680-04016	SCREW, oval head	2	55	97313-06012	BOLT	2
27	688-11119-00	HANGER, engine	1	56	6H1-15773-00	STAY 3	1
28	97313-08020	BOLT	2	57	6H1-21796-00	HINGE	1
29	92990-08100	WASHER, spring	2	58	97313-08012	BOLT	1
				59	94702-00247	PLUG, spark (NGK BR8HS 10)	3

Fig. 2 CRANKSHAFT. PISTON

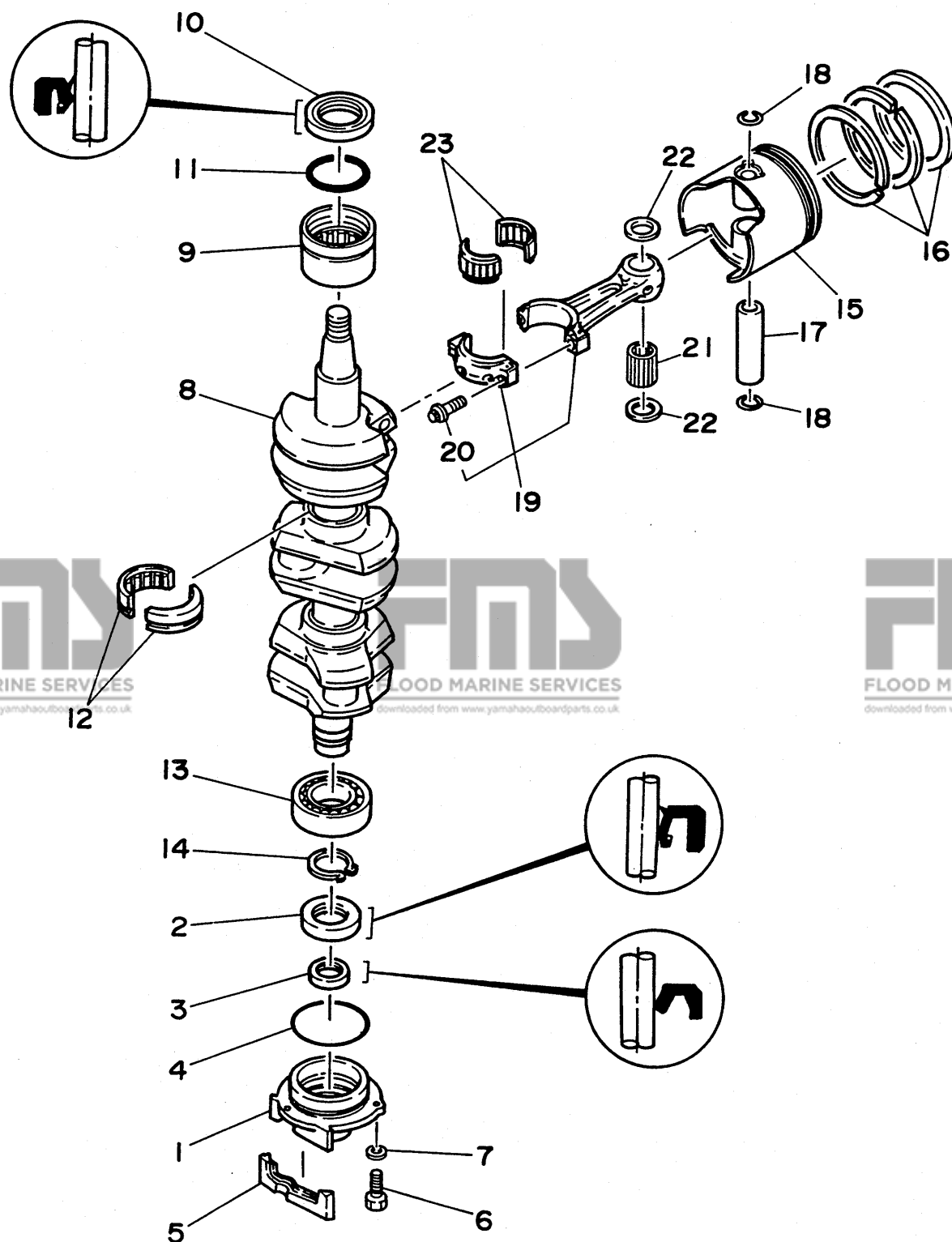


Fig. 2 CRANKSHAFT. PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-15359-00-94	HOUSING, oil seal	1	15	6H1-11631-00-96	PISTON (STD)	3
2	93102-30M05	OIL SEAL	1		6H1-11635-00	PISTON (0.25MM O/S)	3 AP
3	93104-20M02	OIL SEAL	1		6H1-11636-00	PISTON (0.50MM O/S)	3 AP
4	93210-62269	O-RING	1	16	6H1-11610-00	PISTON RING SET (STD)	3
5	688-15379-00	SEAL, crankcase	1		6H1-11610-10	PISTON RING SET (1ST O/S)	3 AP
6	97395-06020	BOLT	3		6H1-11610-20	PISTON RING SET (2ND O/S)	3 AP
7	92990-06600	WASHER, plate	3	17	676-11633-00	PIN, piston	3
8	688-11411-01	CRANKSHAFT	1	18	688-11634-10	CLIP, piston pin	6
9	93310-636U4	BEARING, cylindrical	1	19	688-11650-03	CONNECTING ROD ASSY	3
10	93102-36M24	OIL SEAL	1	20	90109-08462	.BOLT	2
11	93210-46M16	O-RING	1	21	93603-21111	PIN, dowel	84
12	93310-835U8	BEARING, cylindrical	2	22	90201-20417	WASHER, plate	6
13	93306-206U5	BEARING	1	23	93310-730V8	BEARING, cylindrical	3
14	93410-32M00	CIRCLIP	1				

Fig. 3 INTAKE

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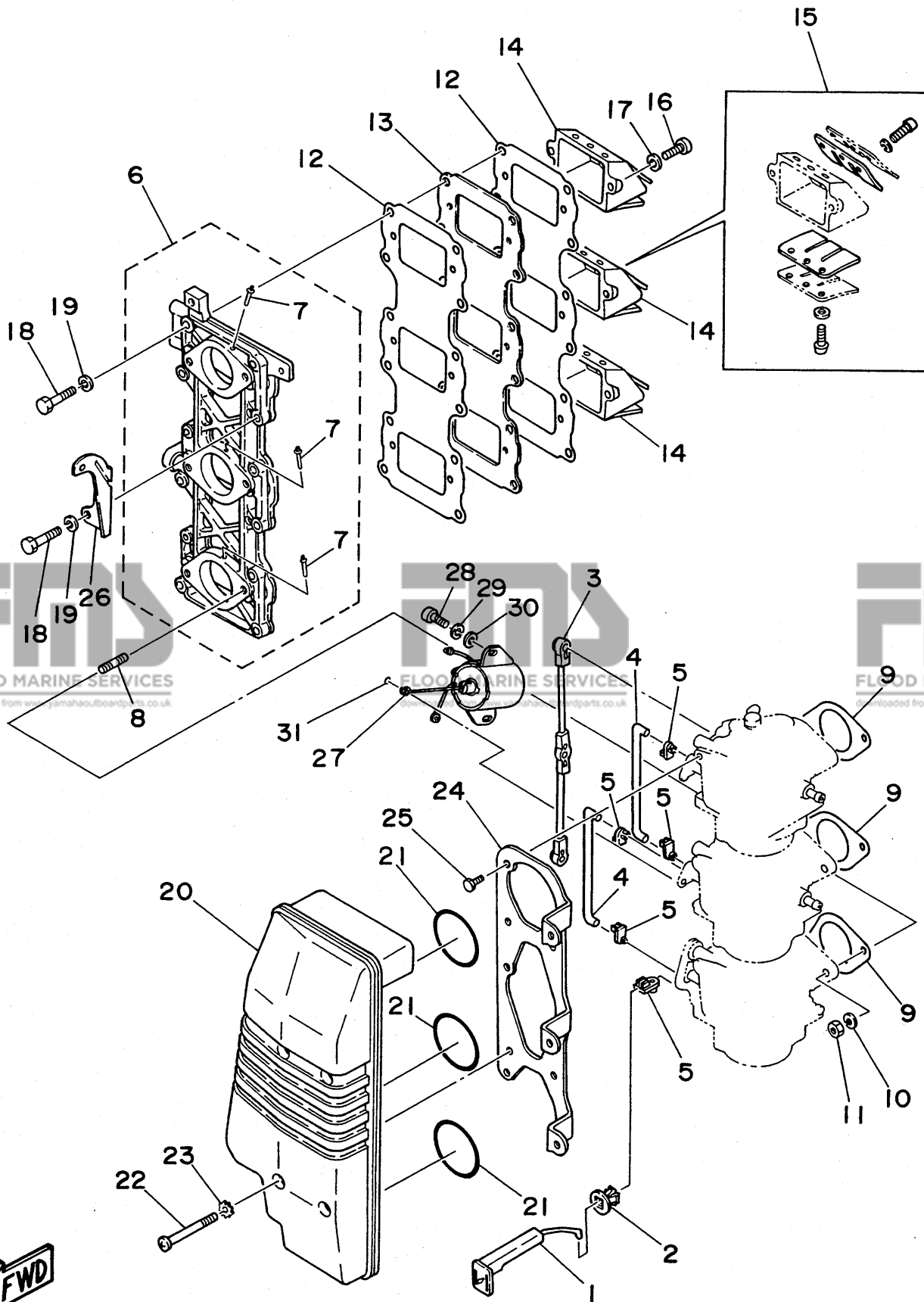


Fig. 3 INTAKE

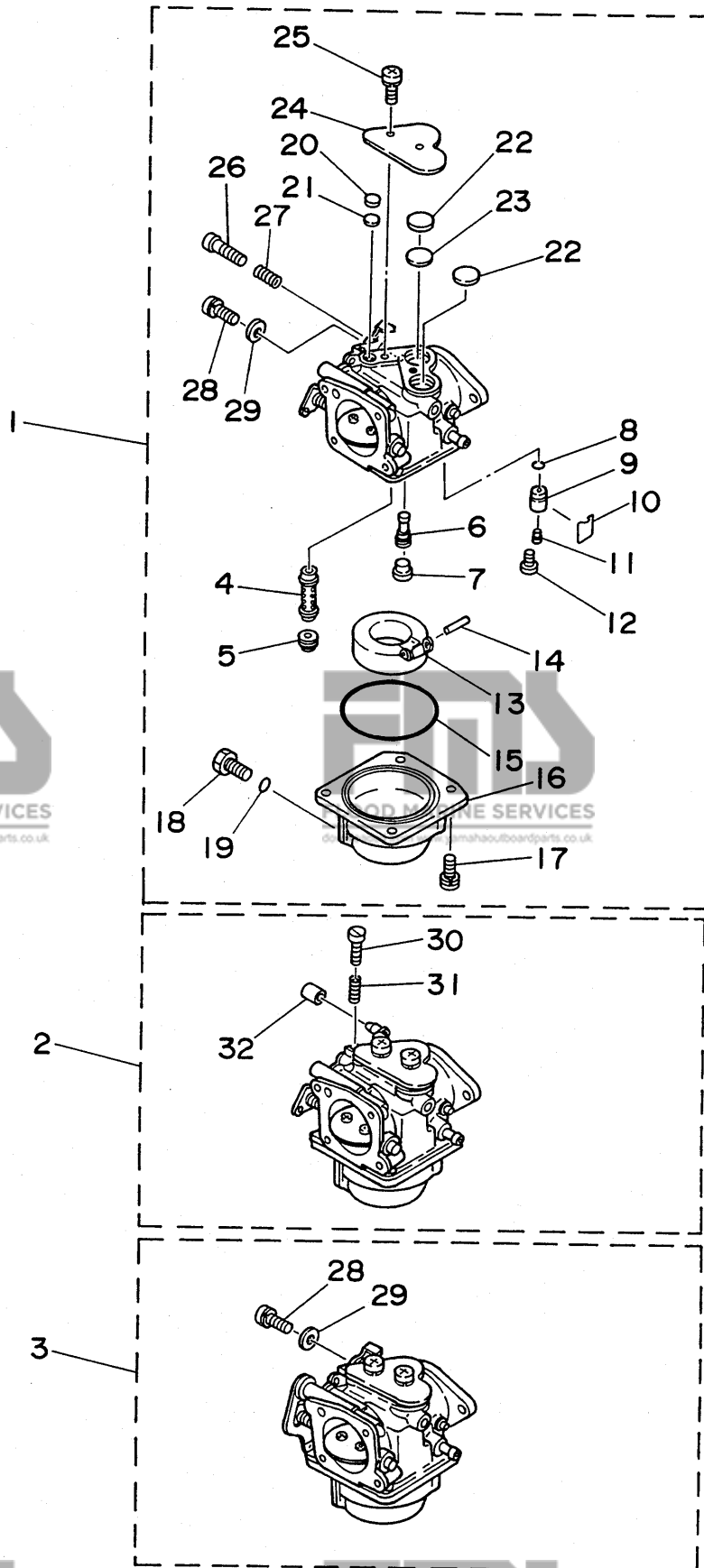
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	692-41256-00	ROD, choke 1	1	17	92990-05100	WASHER, spring	6
2	689-41273-00	GROMMET	1	18	97313-06030	BOLT	12
3	688-41217-00	ROD, accel. lever	1	19	92990-06100	WASHER, spring	12
4	688-41257-00	ROD, choke 2	2	20	6H1-14440-00	SILENCER ASSY, intake	1
5	661-41262-02	JOINT, choke lever	5	21	93210-46044	O-RING	3
6	6H1-13641-00-94	MANIFOLD 1	1	22	97803-06055	SCREW, pan head	4
7	6H1-14485-00	.PIPE, joint	3	23	90209-06M05	WASHER	4
8	90116-06122	BOLT, stud	6	24	6H1-14413-00	STAY	1
9	688-14198-00	GASKET	3	25	97313-06012	BOLT	6
10	92990-06100	WASHER, spring	6	26	6H1-21797-00	HINGE	1
11	95303-06600	NUT	6	27	688-86110-01	SOLENOID	1
12	688-13621-00	GASKET, valve seat	2	28	92503-06015	SCREW, pan head	2
13	688-13624-00	PLATE, reed valve	1	29	92990-06100	WASHER, spring	2
14	688-13610-00	REED VALVE ASSY	3	30	92990-06200	WASHER, plain	2
15	688-W0004-00	.REED SET	1	31	93210-03261	O-RING	1
16	97803-05020	SCREW, pan head	6				

Fig. 4 CARBURETOR

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Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-14301-13	CARBURETOR ASSY 1 (90A Model)	1 UR	15	676-14984-00	.GASKET, float chamber	3
	6H0-14301-13	CARBURETOR ASSY 1 (80A Model)	1 UR	16	688-14980-00	.BODY, float chamber	3
2	6H1-14302-13	CARBURETOR ASSY 2 (90A Model)	1 UR	17	90159-04M00	.SCREW, with washer	12
	6H0-14302-13	CARBURETOR ASSY 2 (80A Model)	1 UR	18	6H3-14992-00	.SCREW, drain	3
3	6H1-14303-13	CARBURETOR ASSY 3 (90A Model)	1 UR	19	93210-04230	.O-RING	3
	6H0-14303-13	CARBURETOR ASSY 3 (80A Model)	1 UR	20	663-14126-00	.GASKET	3
4	6H0-14947-01	.NOZZLE, main	3	21	663-14527-00	.PLATE	3
5	676-14943-40	.JET, main (#165) (90A Model)	3 UR	22	688-14126-00	.GASKET	6
	676-14943-39	.JET, main (#160) (80A Model)	3 UR	23	688-14527-00	.PLATE	3
6	6E9-14948-19	.JET (#80)	3	24	688-14572-01	.SEAL	3
7	676-14966-00	.CAP	3	25	97980-05310	.SCREW, with washer	6
8	93210-04228	.O-RING	3	26	692-14923-00	.SCREW, pilot	3
9	692-14590-00	.NEEDLE VALVE ASSY	3	27	679-14555-00	.SPRING	3
10	663-14159-00	.CLIP	3	28	663-14592-00	.SCREW	2
11	676-14186-00	.PIN, float	3	29	90201-05652	.WASHER, plate	2
12	688-14592-00	.SCREW	3	30	663-14523-00	.SCREW, stop	1
13	676-14985-01	.FLOAT	3	31	90501-10326	.SPRING, compression	1
14	688-14548-00	.PIN, float arm	3	32	6H2-14578-00	.COLLAR	1

Fig. 5 OIL

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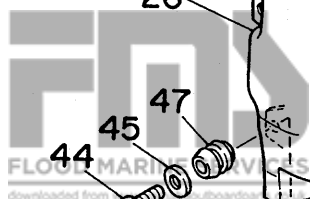


Fig. 5 OIL PUMP

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-13200-01	OIL INJECTION PUMP ASSY	1	27	90445-11M09	HOSE	1
2	6E5-13471-00	.PLUG, drain	1	28	90464-11M24	CLAMP	1
3	6E5-13475-00	.GASKET	1	29	90465-11M27	CLAMP	1
4	6E5-14562-00	.O-RING	1	30	90467-11M08	CLIP	2
5	90109-06M22	BOLT	2	31	6H1-21735-00	SEAL 2	1
6	90468-07M02	CLIP	3	32	97313-06016	BOLT	1
7	90445-07M90	HOSE	1	33	90387-06M31	COLLAR	1
8	90445-07240	HOSE	1	34	6H1-21744-10	BREATHER	1
9	90445-07M44	HOSE	1	35	6H1-21773-00	GROMMET	1
10	90468-07M02	CLIP	3	36	90386-03M59	BUSH	1
11	90445-07M87	HOSE	3	37	6H1-24217-00	COVER	1
12	6E5-13132-00	JOINT	3	38	6H1-21770-00	OIL TANK CAP ASSY	1
13	90468-07M02	CLIP	6	39	6H1-21757-00	WASHER, special 1	1
14	90464-07M05	CLAMP	1	40	6H1-24251-01	STRAINER 1	1
15	6H1-11536-00	GEAR, drive	1	41	90501-14M45	SPRING, compression	1
16	6H1-11537-01	GEAR, driven	1	42	6H1-21766-01	PIPE, oil	1
17	90201-08M93	WASHER, plate	1	43	90467-08004	CLIP	2
18	6H1-13117-00	COLLAR, distance	1	44	97313-06025	BOLT	5
19	93210-13595	O-RING	1	45	90201-06050	WASHER, plate	5
20	6H1-41241-00	ROD, link	1	46	624-42542-00	PIPE	5
21	6H1-41237-00	JOINT, link	1	47	6A0-82317-00	DAMPER, ignition coil	5
22	95303-05600	NUT	1	48	6H1-85720-11	OIL LEVEL GAUGE ASSY	1
23	90202-05088	WASHER, plate	1	49	6H1-81315-00	LEAD WIRE ASSY	1
24	90468-05M03	CLIP	1	50	6H1-81971-12	WIRE, lead	1
25	6E9-41237-00	JOINT, link	1	51	6H4-84301-10	PILOT LIGHT ASSY 1	1
26	6H1-21707-02	OIL TANK COMP.	1	52	6H1-84348-12	WIRE, lead 1	1

Fig. 6 FUEL

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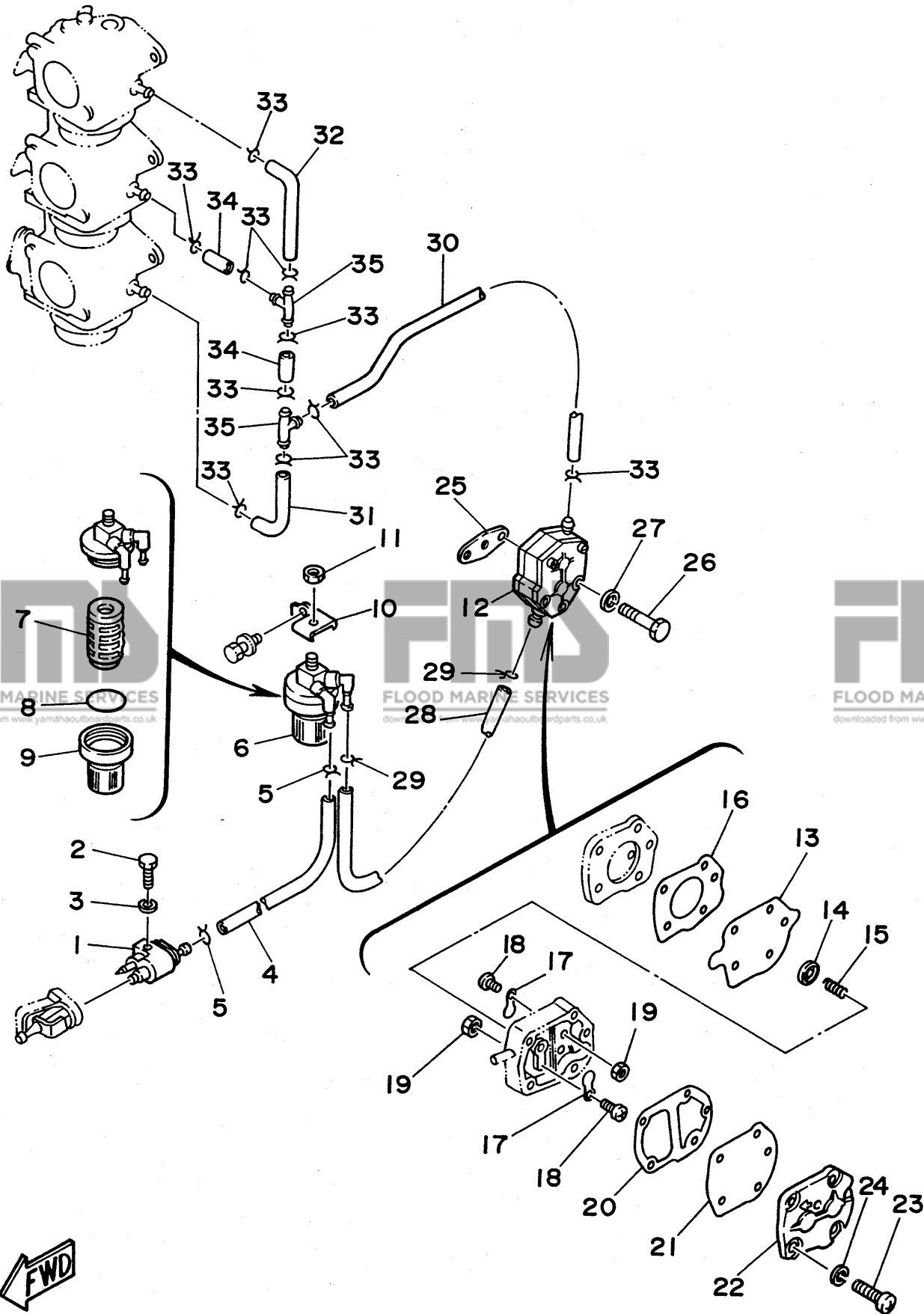
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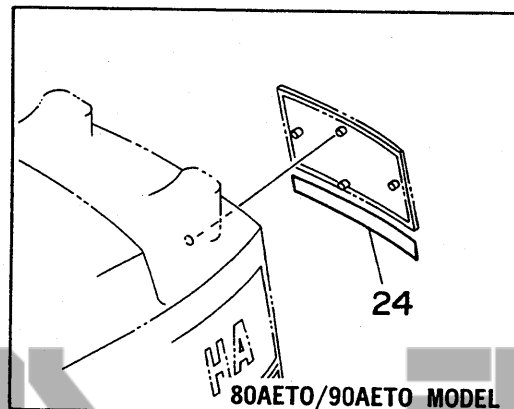
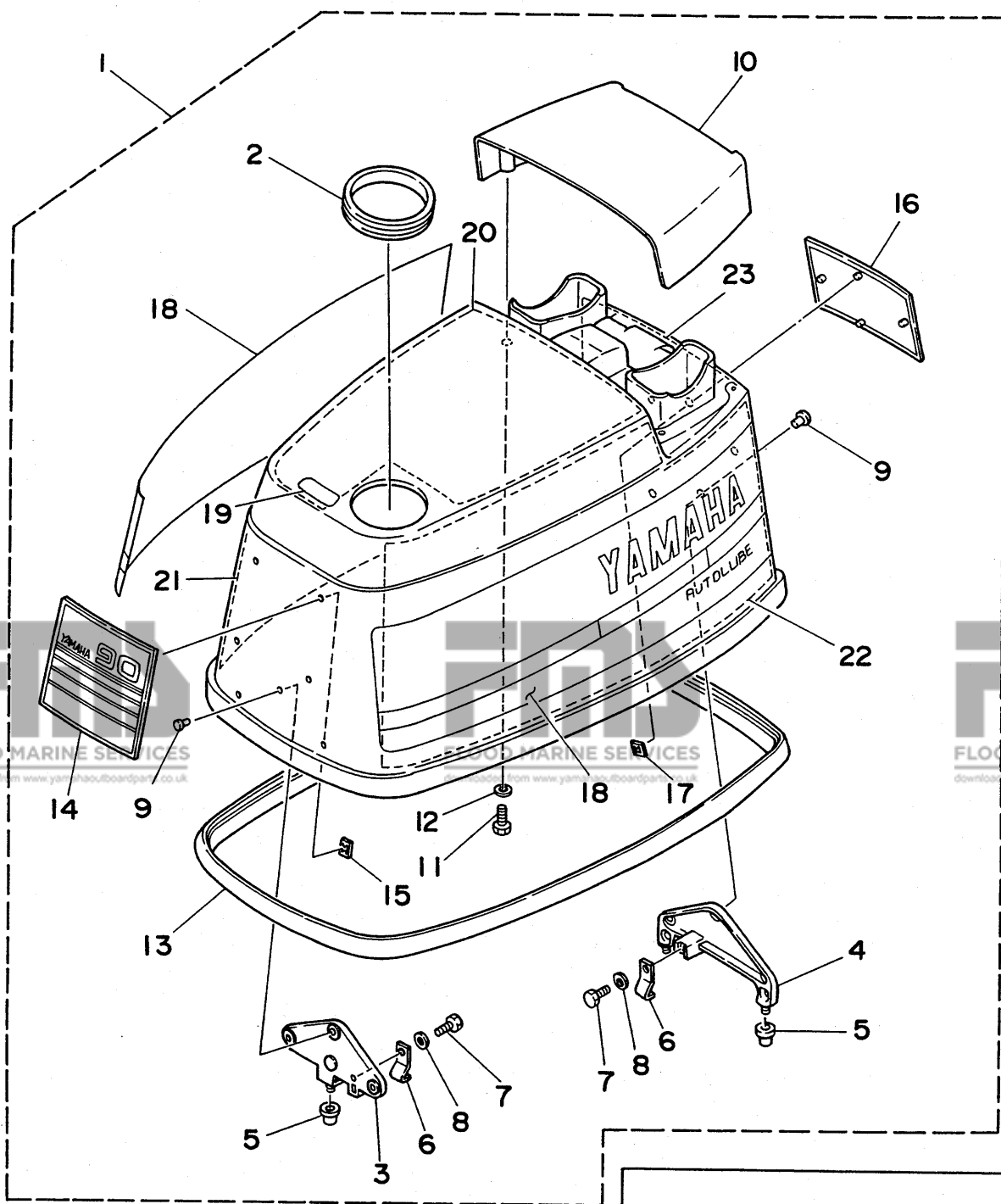
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Fig. 6 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	661-24304-02	FUEL PIPE JOINT COMP. 1	1	19	98813-03100	.NUT	2
2	97313-06020	BOLT	1	20	648-24435-02	.GASKET, body 2	1
3	92990-06100	WASHER, spring	1	21	663-24411-00	.DIAPHRAGM	1
4	90445-09105	HOSE	1	22	6A0-24413-00	.BODY 2	1
5	90467-08004	CLIP	2	23	98580-05530	.SCREW, pan head	3
6	655-24560-01	FILTER ASSY	1	24	92990-05100	.WASHER, spring	3
7	6F5-24563-00	.ELEMENT, filter	1	25	650-24431-00	GASKET, fuel pump 1	1
8	93210-37M25	.O-RING	1	26	97313-06040	BOLT	2
9	655-24521-01	.CUP, filter	1	27	92990-06600	WASHER, plate	2
10	6H1-24566-00	BRACKET, filter	1	28	6H1-24314-00	PIPE 4	1
11	95303-08600	NUT	1	29	90467-08004	CLIP	2
12	6A0-24410-02	FUEL PUMP ASSY	1	30	90445-09100	HOSE	1
13	648-24411-00	.DIAPHRAGM	1	31	688-24313-00	PIPE 3	1
14	648-24424-00	.SEAT, spring	1	32	688-24314-00	PIPE 4	1
15	648-24423-00	.SPRING, diaphragm	1	33	90467-08004	CLIP	10
16	648-24434-00	.GASKET, body	1	34	90445-09220	HOSE	2
17	6A0-24421-01	.VALVE, check	2	35	688-24378-00	PIPE, joint 4	2
18	90147-03M00	.SCREW, pan head	2				

Fig. 7 TOP COWLING



80A/90A

Fig. 7 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-42610-E0-EJ	TOP COWLING ASSY (90A Model)	1 UR	14	6H1-42686-10	.EMBLEM, front (90A Model)	1 UR
	6H0-42610-E0-EJ	TOP COWLING ASSY (80A Model)	1 UR		6H0-42686-00	.EMBLEM, front (80A Model)	1 UR
2	6H1-21732-00	.SEAL 1	1	15	90183-05M01	.NUT, spring	4
3	6H1-42647-00-94	.HOLDER, clamp band	1	16	6H1-42687-00	.EMBLEM, rear (90A Model)	1 UR
4	6H1-42649-00-94	.HOLDER, clamp band	1		6H0-42687-00	.EMBLEM, rear (80A Model)	1 UR
5	663-42662-00	.DAMPER	3	17	90183-05M01	.NUT, spring	4
6	688-42652-10	.HOOK	2	18	6H1-W0070-E0	.GRAPHIC SET	1
7	97313-06016	.BOLT	2	19	6H1-13436-00	.MARK	1
8	92990-06600	.WASHER, plate	2	20	689-W4266-20	.DAMPER, form	1
9	90266-06M02	.RIVET	6	21	689-W4266-40	.DAMPER, form	1
10	6H1-42613-00-EJ	.MOLDING, air duct	1	22	689-W4266-40	.DAMPER, form	1
11	97313-06016	.BOLT	4	23	689-W4266-10	.DAMPER, form	1
12	92990-06600	.WASHER, plate	4	24	6H1-42684-00	MARK, cowling (80AETO/90AETO Model)	1
13	688-42615-00	.SEAL	1				

Fig. 8 BOTTOM COWLING

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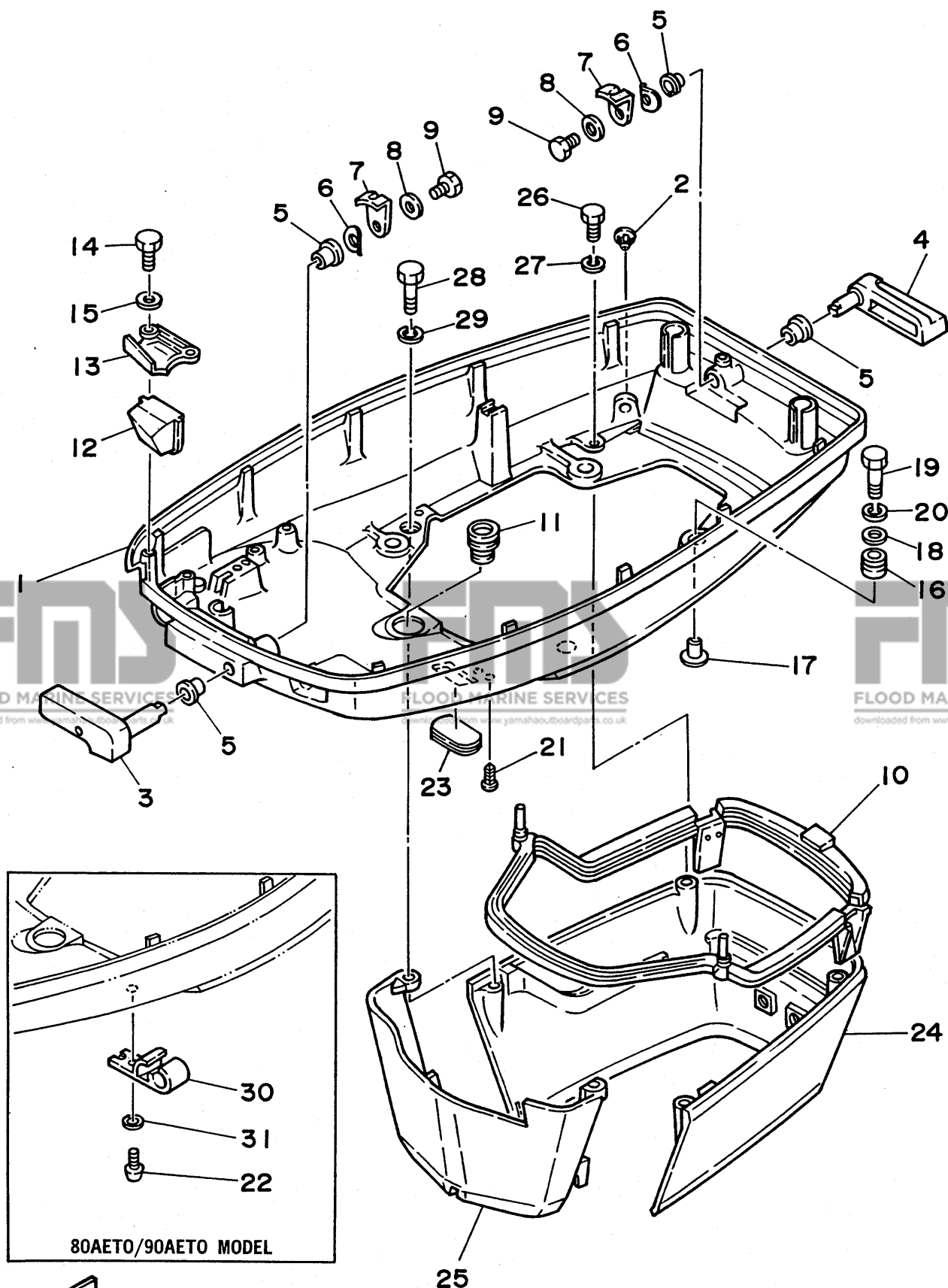
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Fig. 8 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-42711-03-EJ	COWLING, bottom (80AEO/90AEO Model)	1 UR	17	90387-06M69	COLLAR	4
	6H1-42711-00-EJ	COWLING, bottom (80AETO/90AETO Model)	1 UR	18	90201-06416	WASHER, plate	4
2	6H3-44391-00	NIPPLE, hose	1	19	97313-06030	BOLT	4
3	688-42815-00-EJ	LEVER, clamp	1	20	92990-06100	WASHER, spring	4
4	688-42817-00-EJ	LEVER, clamp	1	21	90338-05M03	PLUG (80AEO/90AEO Model)	1
5	90386-13M38	BUSH	4	22	90157-06M01	SCREW, pan head (80AETO/90AETO Model)	1
6	90206-13019	WASHER, wave	2	23	6H4-42726-00	GROMMET (80AEO/90AEO Model)	1 UR
7	688-42816-00	LEVER, clamp	2		688-42726-10	GROMMET (80AETO/90AETO Model)	1 UR
8	90201-06068	WASHER, plate	2	24	688-42741-00-EJ	APRON	1
9	97313-06012	BOLT	2	25	688-42771-00-EJ	APRON	1
10	688-42716-02	RUBBER, seal 1	1	26	97313-06020	BOLT	2
11	663-42724-00	GROMMET	1	27	92990-06100	WASHER, spring	2
12	688-42725-01	GROMMET (80AEO/90AEO Model)	1 UR	28	97313-06030	BOLT	2
	688-42725-10	GROMMET (80AETO/90AETO Model)	1 UR	29	92990-06100	WASHER, spring	2
13	688-42738-00-94	PLATE, fitting	1	30	6E5-24367-01	CLAMP, fuel pipe 2 (80AETO/90AETO Model)	1 UR
14	97313-06016	BOLT	2	31	92990-06600	WASHER, plate (80AETO/90AETO Model)	1 UR
15	92990-06600	WASHER, plate	2				
16	90480-09M12	GROMMET	4				

Fig. 9 BRACKET 1 (80AEO/90AEO MODEL)

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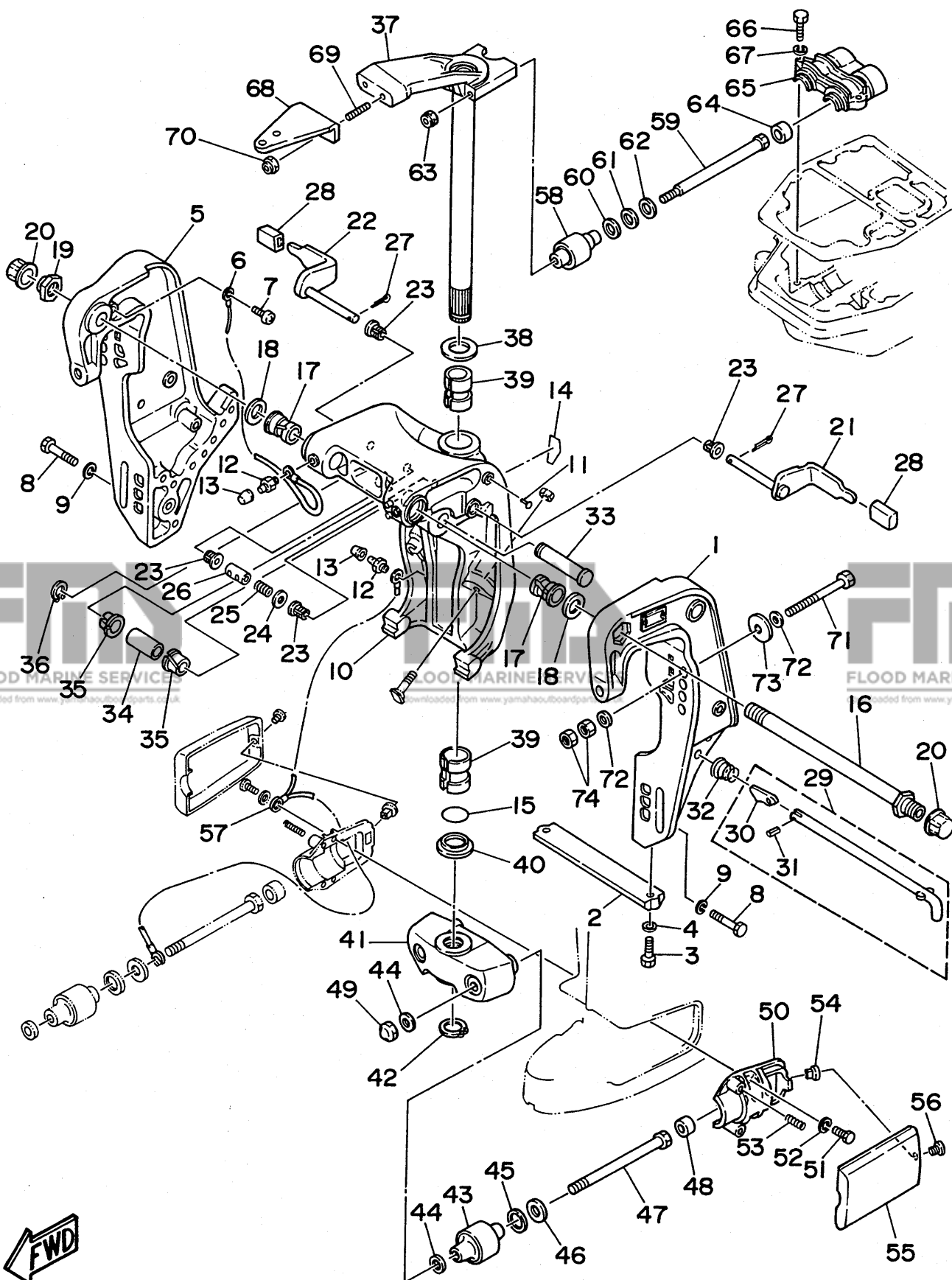
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246

Fig. 9 BRACKET 1 (80AE0/90AE0 MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-43111-12-EJ	BRACKET, clamp	1	40	90386-30M60	BUSH	1
2	6H1-45251-00	ANODE	1	41	663-44551-01-EJ	HOUSING, lower mount rubber	1
3	97395-06030	BOLT	2	42	93410-28M06	CIRCLIP	1
4	92990-06100	WASHER, spring	2	43	687-44555-00-94	MOUNT DAMPER, lower side	2
5	688-43112-12-EJ	BRACKET, clamp	1	44	90201-12M16	WASHER, plate	4
6	6E5-82148-00	WIRE, lead 4	1	45	90202-25M04	WASHER, plate	2
7	92580-06012	SCREW, pan head	1	46	90201-13M19	WASHER, plate	2
8	97395-10045	BOLT	6	47	90109-12261	BOLT	2
9	92990-10100	WASHER, spring	6	48	663-44575-00	DAMPER, lower mount rubber	2
10	688-43311-12-EJ	BRACKET, swivel	1	49	95380-12800	NUT, crown	2
11	90269-03010	RIVET	1	50	687-44552-01-94	HOUSING, lower mount rubber	2
12	93700-06004	NIPPLE, grease	3	51	97395-08025	BOLT	4
13	663-45119-00	CAP, grease nipple	3	52	92990-08100	WASHER, spring	4
14	688-43691-01	INDICATOR, tilt	1	53	90501-14236	SPRING, compression	4
15	93210-29375	O-RING	1	54	90179-06066	NUT	2
16	688-43131-03	BOLT, clamp bracket	1	55	663-44553-00-EJ	COVER, lower mount	2
17	90386-22M15	BUSH	2	56	92380-06015	SCREW, cylinder head	2
18	90201-22M67	WASHER, plate	2	57	688-82127-02	WIRE, lead 2	1
19	90185-22043	NUT, self-locking	1	58	688-44514-00-94	MOUNT DAMPER, upper side	2
20	663-43145-00	CAP, clamp bracket	2	59	90101-10M49	BOLT	2
21	688-43181-03	LEVER, tilt stop	1	60	90201-20M21	WASHER, plate	2
22	688-43185-03	LEVER, tilt stop	1	61	90202-20M06	WASHER, plate	2
23	90386-10M16	BUSH	4	62	90201-11M22	WASHER, plate	2
24	92990-10600	WASHER, plate	1	63	90185-10051	NUT, self-locking	2
25	90501-10M21	SPRING, compression	1	64	663-44575-00	DAMPER, lower mount rubber	2
26	90387-10M38	COLLAR	1	65	688-44511-00-94	COVER, upper mount	1
27	91490-30025	PIN, cotter	2	66	97390-08035	BOLT	3
28	663-43318-00	COVER	2	67	92990-08100	WASHER, spring	3
29	688-43160-01	TILT ROD ASSY	1	68	688-48511-00-EJ	HOOK, steering	1 UR
30	688-43165-00	.PLATE, tilt lock	1		(Ball Post Type)		
31	91690-30012	.PIN, spring	1		688-48511-10-EJ	HOOK, steering	1 UR
32	90502-16M02	SPRING, conical	1		(Steering Guide Type)		
33	6E5-43126-01	PIN, upper shock mount	1	69	90116-10175	BOLT, stud	2
34	90386-18M21	BUSH	1	70	90185-10051	NUT, self-locking	2
35	90386-18M35	BUSH	2	71	90101-12M65	BOLT	4
36	93410-18M02	CIRCLIP	1	72	92995-12200	WASHER	8
37	688-42510-01-EJ	STEERING BRACKET ASSY	1	73	90201-12426	WASHER, plate	4
38	90201-30M00	WASHER, plate	1	74	95380-12600	NUT	8
39	90386-30048	BUSH	2				

Fig. 10 BRACKET 2 (80AETO/90AETO MODEL)

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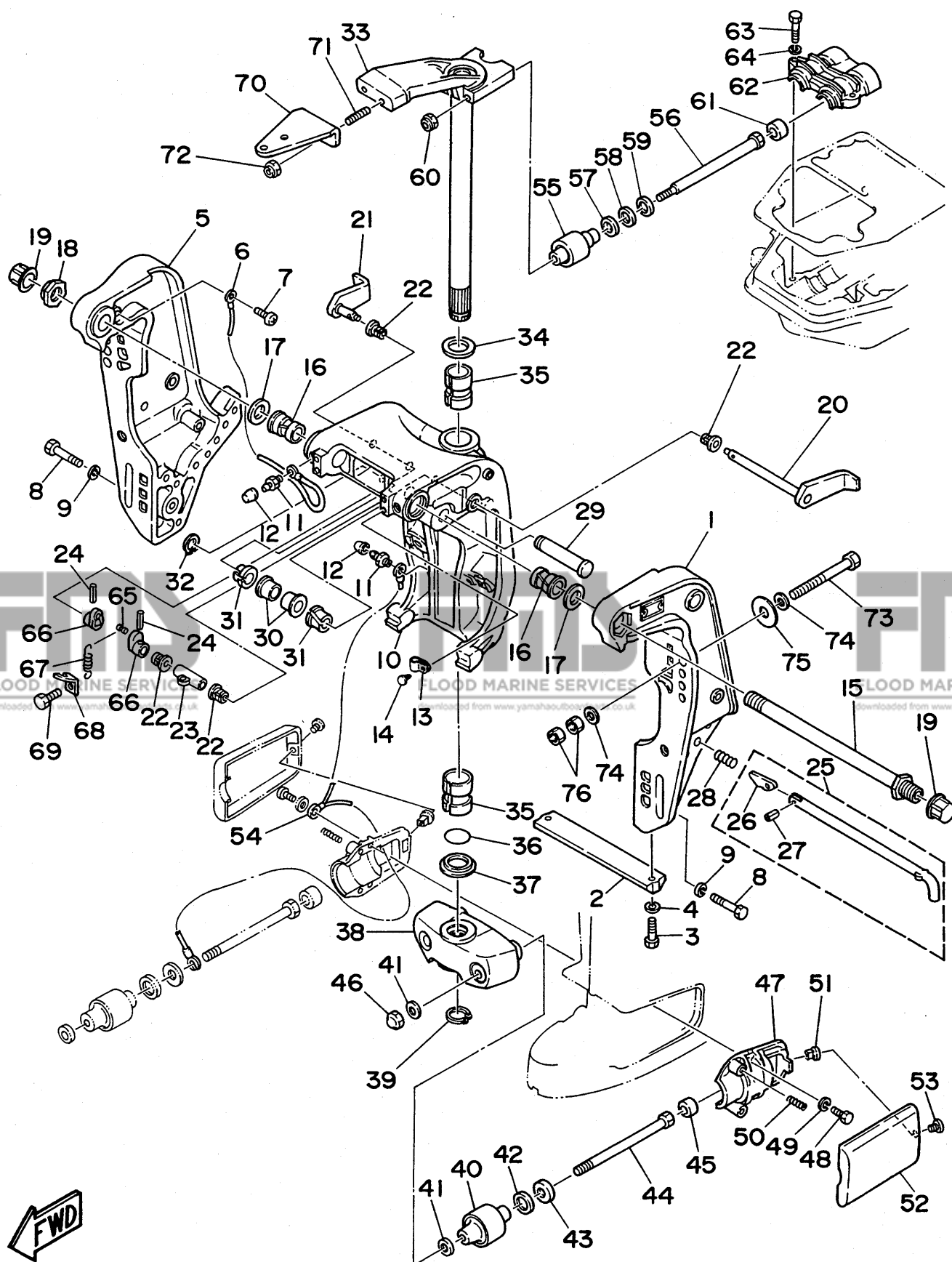
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Fig. 10 BRACKET 2 (80AET0/90AET0 MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-43111-00-EJ	BRACKET, clamp	1	40	687-44555-00-94	MOUNT DAMPER, lower side	2
2	6H1-45251-00	ANODE	2	41	90201-12M16	WASHER, plate	4
3	97395-06030	BOLT	2	42	90202-25M04	WASHER, plate	2
4	92990-06100	WASHER, spring	2	43	90201-13M19	WASHER, plate	2
5	6H1-43112-00-EJ	BRACKET, clamp	1	44	90109-12261	BOLT	2
6	6E5-82148-00	WIRE, lead 4	1	45	663-44575-00	DAMPER, lower mount rubber	2
7	92580-06012	SCREW, pan head	1	46	95380-12800	NUT, crown	2
8	97395-10045	BOLT	6	47	687-44552-01-94	HOUSING, lower mount rubber	2
9	92990-10100	WASHER, spring	6	48	97395-08025	BOLT	4
10	6H1-43311-00-EJ	BRACKET, swivel	1	49	92990-08100	WASHER, spring	4
11	93700-06004	NIPPLE, grease	3	50	90501-14236	SPRING, compression	4
12	663-45119-00	CAP, grease nipple	3	51	90179-06066	NUT	2
13	90464-11M18	CLAMP	1	52	663-44553-00-EJ	COVER, lower mount	2
14	90338-05M03	PLUG	1	53	92380-06015	SCREW, cylinder head	2
15	688-43131-03	BOLT, clamp bracket	1	54	688-82127-02	WIRE, lead 2	1
16	90386-22M15	BUSH	2	55	688-44514-00-94	MOUNT DAMPER, upper side	2
17	90201-22M67	WASHER, plate	2	56	90101-10M49	BOLT	2
18	90185-22043	NUT, self-locking	1	57	90201-20M21	WASHER, plate	2
19	663-43145-00	CAP, clamp bracket	2	58	90202-20M06	WASHER, plate	2
20	6H1-43181-00	LEVER, tilt stop	1	59	90201-11M22	WASHER, plate	2
21	6H1-43185-00	LEVER, tilt stop	1	60	90185-10051	NUT, self-locking	2
22	90386-10M16	BUSH	4	61	663-44575-00	DAMPER, lower mount rubber	2
23	90387-10M02	COLLAR	1	62	688-44511-00-94	COVER, upper mount	1
24	91690-30020	PIN, spring	2	63	97390-08035	BOLT	3
25	688-43160-01	TILT ROD ASSY	1	64	92990-08100	WASHER, spring	3
26	688-43165-00	.PLATE, tilt lock	1	65	90249-06M19	PIN	1
27	91690-30012	.PIN, spring	1	66	6G5-43148-00	COLLAR, distance	2
28	90502-16M02	SPRING, conical	1	67	90506-14M24	SPRING, tension	1
29	6E5-43126-01	PIN, upper shock mount	1	68	6G5-43144-00	HOOK, spring	1
30	90386-18M63	BUSH	2	69	97395-06010	BOLT	1
31	90386-18M35	BUSH	2	70	688-48511-10-EJ	HOOK, steering (Steering Guide Type)	1
32	93410-18M02	CIRCLIP	1	71	90116-10175	BOLT, stud	2
33	688-42510-01-EJ	STEERING BRACKET ASSY	1	72	90185-10051	NUT, self-locking	2
34	90201-30M00	WASHER, plate	1	73	90101-12M65	BOLT	4
35	90386-30048	BUSH	2	74	92995-12200	WASHER	8
36	93210-29375	O-RING	1	75	90201-12426	WASHER, plate	4
37	90386-30M60	BUSH	1	76	95380-12600	NUT	8
38	663-44551-01-EJ	HOUSING, lower mount rubber	1				
39	93410-28M06	CIRCLIP	1				

Fig. 11 MANUAL TILT

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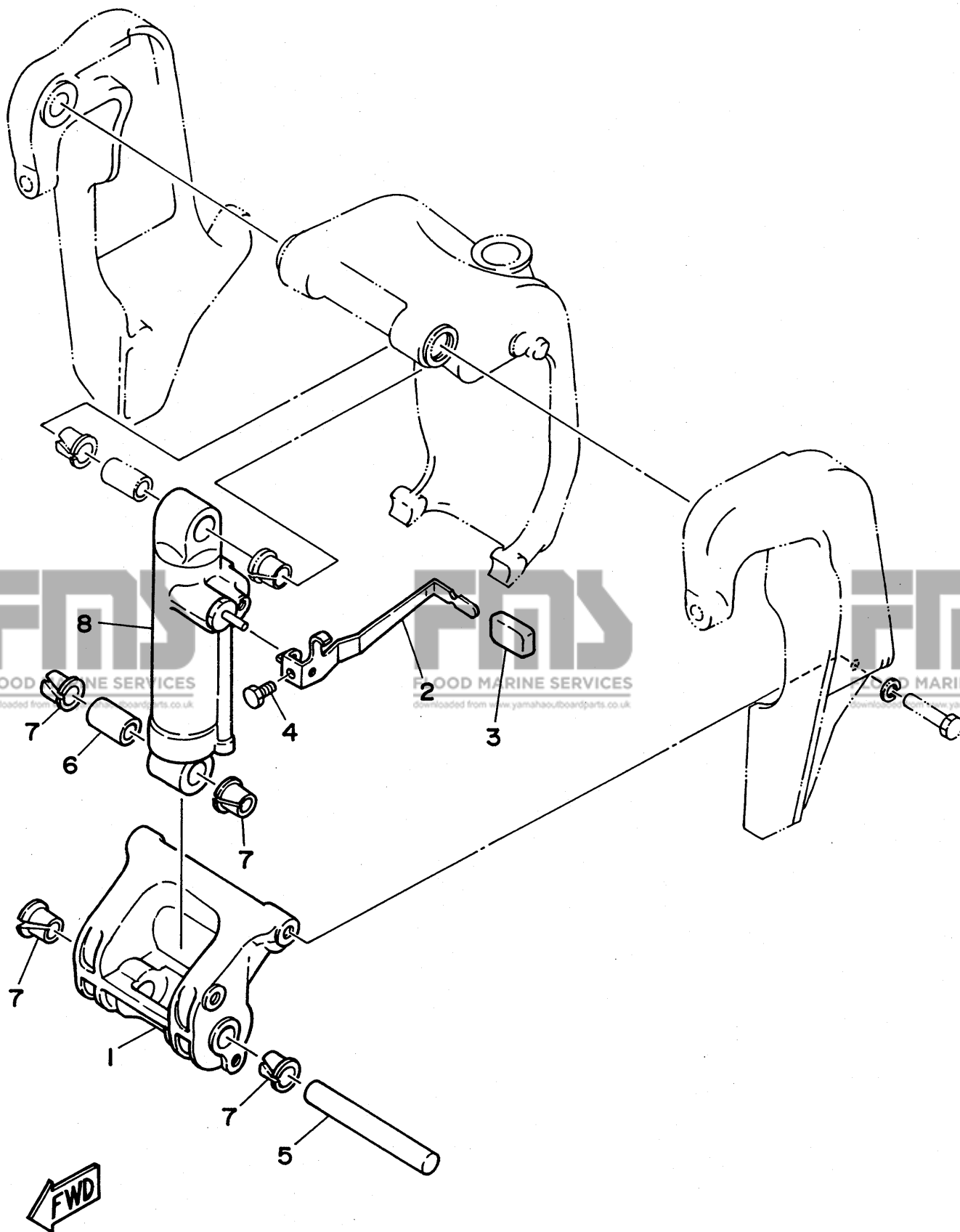


Fig. 11 MANUAL TILT

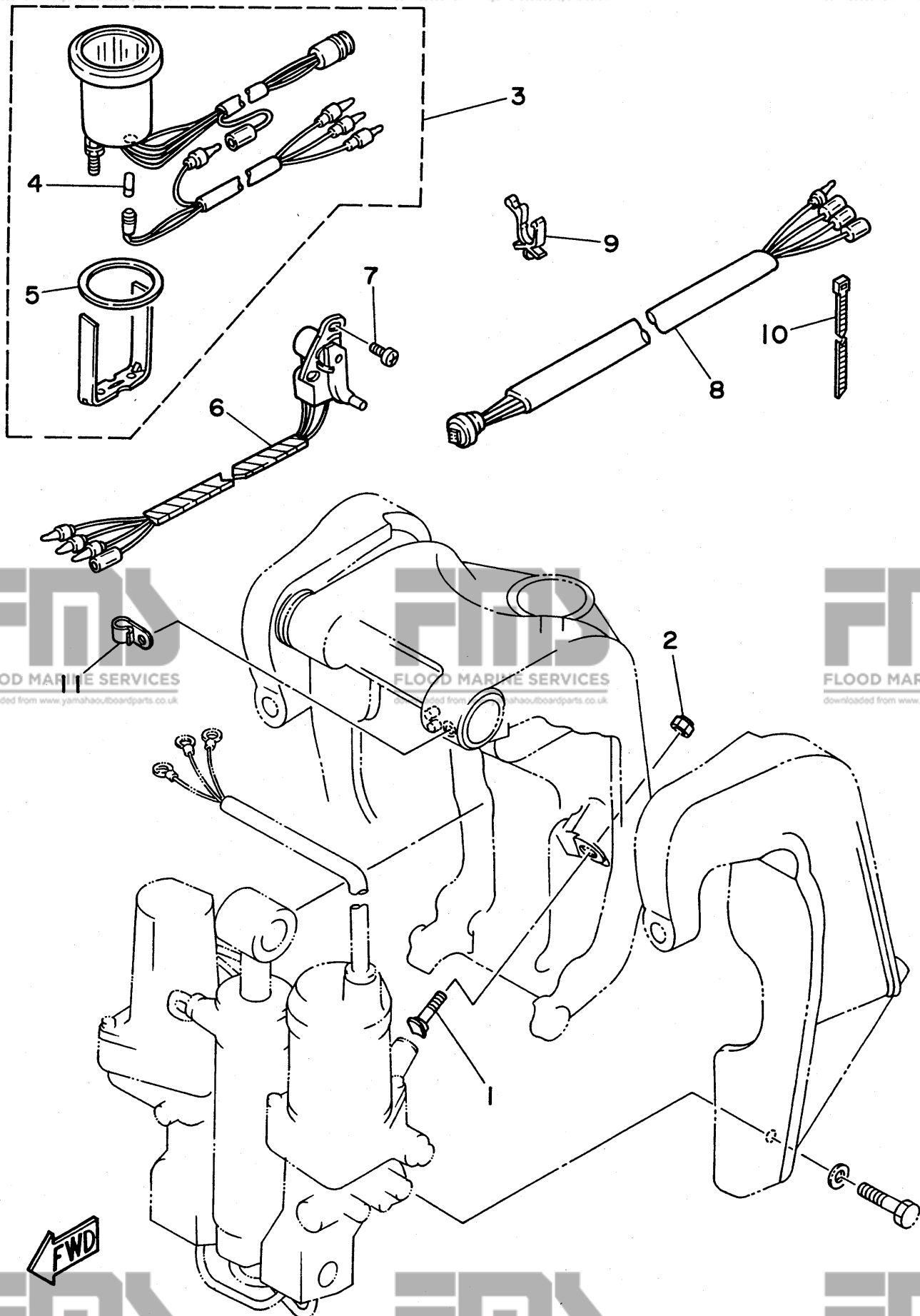
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-43128-01-EJ	SPACER, clamp bracket	1	5	688-43124-02	PIN, lower shock mount	1
2	688-43631-10	LEVER, tilt	1	6	90386-18M21	BUSH	1
3	682-43318-01	COVER	1	7	90386-18M35	BUSH	4
4	97395-06010	BOLT	1	8	688-43170-04-EJ	SHOCK ABSORBER ASSY	1

Fig. 12 POWER TRIM & TILT

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Fig. 12 POWER TRIM & TILT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-43376-00	BOLT, thrust receiver	2	7	92580-06016	SCREW, pan head.	2
2	90185-08057	NUT, self-locking	2	8	6E5-82553-10	EXTENSION, wire lead	1
3	6Y5-83670-01	TRIM GAUGE	1	9	90464-15M08	CLAMP	1
4	6Y5-83518-00	.BULB, meter	1	10	90465-11M10	CLAMP	1
5	688-83664-00	.DAMPER	1	11	90465-08028	CLAMP	1
6	6H1-83672-00	TRIM SENDER	1				

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Fig. 13 POWER TRIM & TILT ASSY

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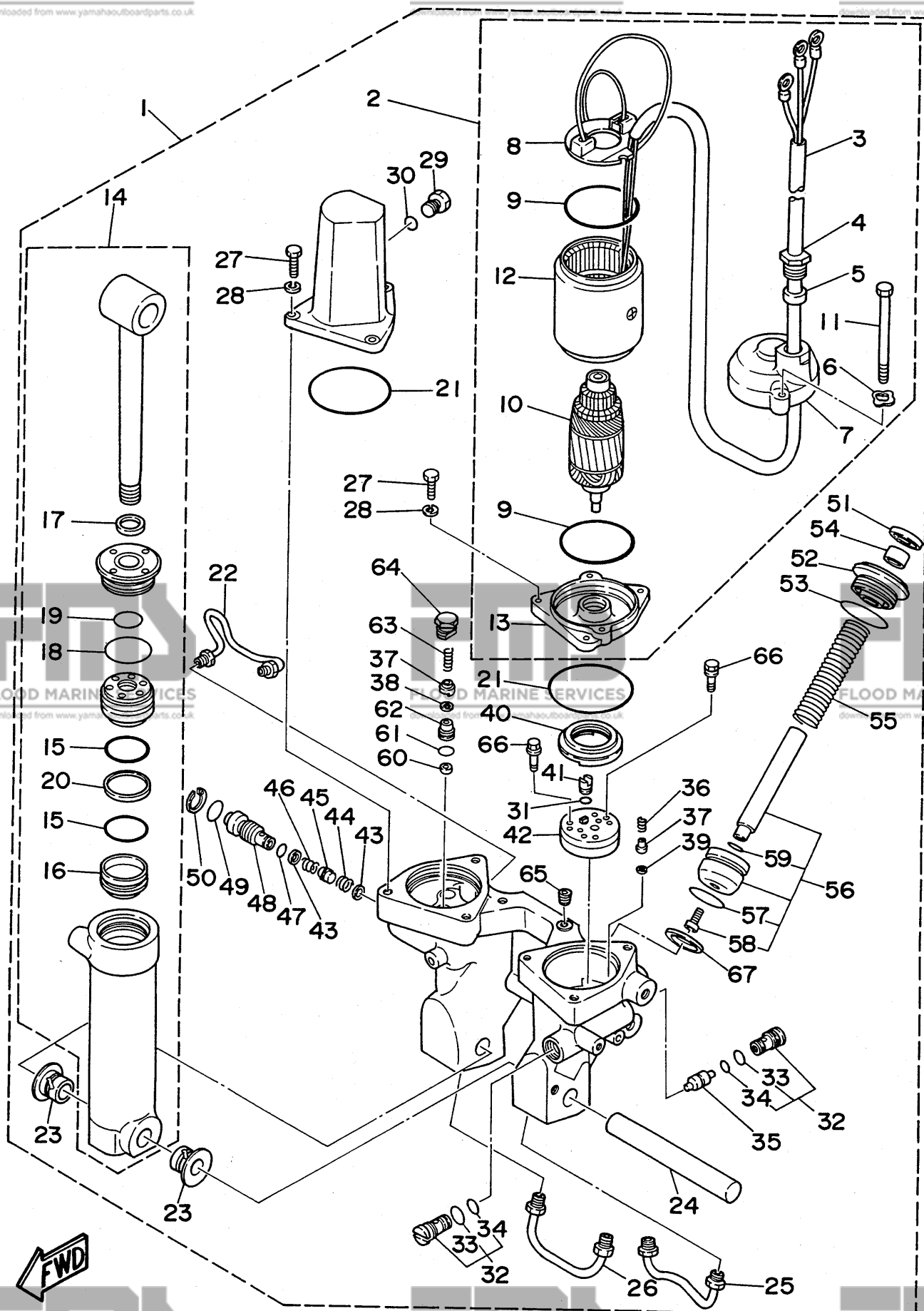
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Fig. 13 POWR TRIM & TILT ASSY

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-43800-10-EJ	POWER TRIM & TILT ASSY	1	35	6H1-43841-10	.PISTON, shuttle	1
2	6H1-43880-00	.MOTOR ASSY	1	36	6H1-43856-10	.SPRING, down relief	1
3	6H1-43807-00	..WIRE SUB ASSY	1	37	6H1-43844-10	.PIN, valve support	2
4	6H1-43886-00	..BOLT	1	38	6H1-43846-10	.SEAL, relief valve	1
5	6H1-43885-00	..GROMMET	1	39	6H1-4384F-00	.SEAL, main valve	1
6	6H1-43826-00	..WASHER, wave	1	40	6H1-43817-00	.FILTER 2	1
7	6H1-43884-00	..FRAME, commutator end	1	41	6H1-43831-00	.CONNECTOR, shaft	1
8	6H1-43806-00	..BRUSH HOLDER ASSY	1	42	6H1-43830-10	.GEAR PUMP ASSY	1
9	93210-71M76	..O-RING	2	43	6H1-43847-00	.SEAT, manual valve	2
10	6H1-43805-00	..ARMATURE ASSY	1	44	6H1-43899-00	.SPRING, manual release	1
11	6H1-43887-00	..BOLT, through	2	45	6H1-4382A-10	.ADAPTOR 1	1
12	6H1-43804-00	..STATOR ASSY	1	46	6H1-43854-00	.SPRING, manual release	1
13	6H1-43881-00	..FRAME, end	1	47	93210-10M74	.O-RING	1
14	6H1-43840-10	.POWER TILT ASSY	1	48	6H1-43845-01	.SCREW, manual release	1
15	6H1-43861-10	..O-RING	2	49	93210-18M75	.O-RING	1
16	6H1-43814-10	..PISTON, free	1	50	6H1-43875-00	.RING, snap	1
17	6H1-43872-00	..RING, back up	1	51	6H1-43822-10	.SEAL, trim dust	2
18	6H1-43861-00	..O-RING	1	52	6H1-43821-10	.SCREW, trim cylinder end	2
19	6H1-4389H-10	..O-RING	1	53	6H1-43861-10	.O-RING	2
20	6H1-43871-10	..RING, back up	1	54	90380-16109	.BUSH, solid	2
21	6H1-43869-00	.O-RING	2	55	6H1-4384E-10	.SPRING, trim	2
22	6H1-43835-10	.PIPE	1	56	6H1-43820-10	.PISTON SUB ASSY	2
23	90386-18M14	.BUSH	2	57	6H1-43864-00	..O-RING	1
24	6E5-43818-00	.PIN, lower shock mount	1	58	91316-06020	..BOLT	1
25	6H1-43833-10	.PIPE	1	59	93210-10M74	..O-RING	1
26	6H1-43834-00	.PIPE	1	60	6H1-43816-00	.FILTER 1	1
27	97395-06020	.BOLT	6	61	6H1-43896-00	.O-RING	1
28	92990-06100	.WASHER, spring	6	62	6H1-43895-10	.SEAT, relief valve	1
29	6H1-43829-00	.PLUG, reservoir	1	63	6H1-43855-10	.SPRING, up relief	1
30	93210-09165	.O-RING	1	64	6H1-43843-10	.SCREW, valve lock	1
31	93210-06519	.O-RING	3	65	6H1-4388E-00	.PLUG, tapper screw	1
32	6H1-43802-10	.VALVE SUB ASSY	2	66	97501-05225	.BOLT, with washer	3
33	6H1-43866-00	..O-RING	1	67	6H1-43874-00	.RING, back up	2
34	6H1-43867-00	..O-RING	1				

Fig. 14 CONTROL

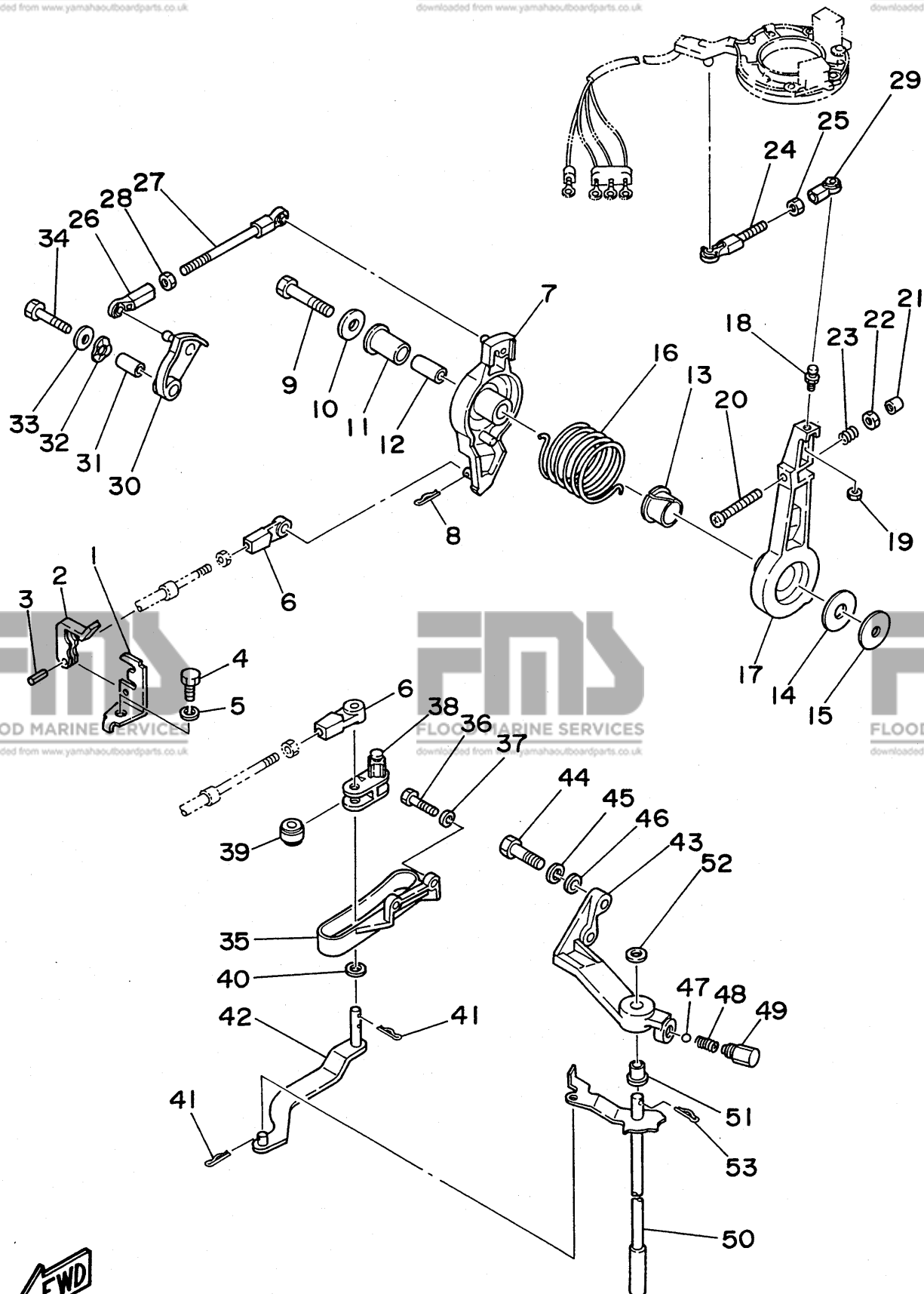


Fig. 14 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	663-48531-00	BRACKET, remote control 1	1	29	682-41237-00	JOINT, link	1
2	663-48538-00	CLAMP, cable 1	1	30	688-41213-00	CAM, accel.	1
3	91690-30012	PIN, spring	1	31	90387-06M17	COLLAR	1
4	97313-08016	BOLT	1	32	90206-10M04	WASHER, wave	1
5	92990-08100	WASHER, spring	1	33	90201-06068	WASHER, plate	1
6	663-48344-00	CABLE END, remote control	2	34	97013-06035	BOLT	1
7	688-41632-01-94	LEVER, magneto control	1	35	688-44117-00-94	BRACKET	1
8	90468-18008	CLIP	1	36	97313-06020	BOLT	2
9	97313-08045	BOLT	1	37	92990-06600	WASHER, plate	2
10	90201-08M23	WASHER, plate	1	38	688-44124-00	LINK, shift rod	1
11	90386-12089	BUSH	1	39	688-44122-00	BUSHING, shift rod lever	1
12	90387-08M16	COLLAR	1	40	90202-07M07	WASHER, plate	1
13	90386-22M13	BUSH	1	41	90468-18008	CLIP	3
14	90202-12092	WASHER, plate	1	42	6H1-44121-00	LEVER, shift rod	1
15	90201-08M13	WASHER, plate	1	43	688-44118-00-94	BRACKET	1
16	90508-29M05	SPRING, torsion	1	44	97313-08030	BOLT	2
17	688-41631-00-94	LEVER, magneto control	1	45	92990-08100	WASHER, spring	2
18	663-85518-00	JOINT, ball	1	46	92990-08600	WASHER, plate	2
19	95303-05700	NUT	1	47	93501-04M02	BALL	1
20	90157-06013	SCREW, pan head	1	48	90501-12082	SPRING, compression	1
21	688-44194-00	CAP	1	49	648-42715-00	BUSHING	1
22	95303-06600	NUT	1	50	6H1-44120-11	HANDLE GEAR SHIFT ASSY (Long)	1 UR
23	90501-16M12	SPRING, compression	1		6H1-44120-21	HANDLE GEAR SHIFT ASSY (Ultra Long)	1 UR
24	682-41237-50	JOINT, link	1	51	90386-07M58	BUSH	1
25	95303-05600	NUT	1	52	92990-08200	WASHER, plain	1
26	6H1-41237-00	JOINT, link	1	53	90468-18008	CLIP	1
27	688-41211-01	LINK, accel.	1				
28	95303-05600	NUT	1				

Fig. 15 UPPER CASING

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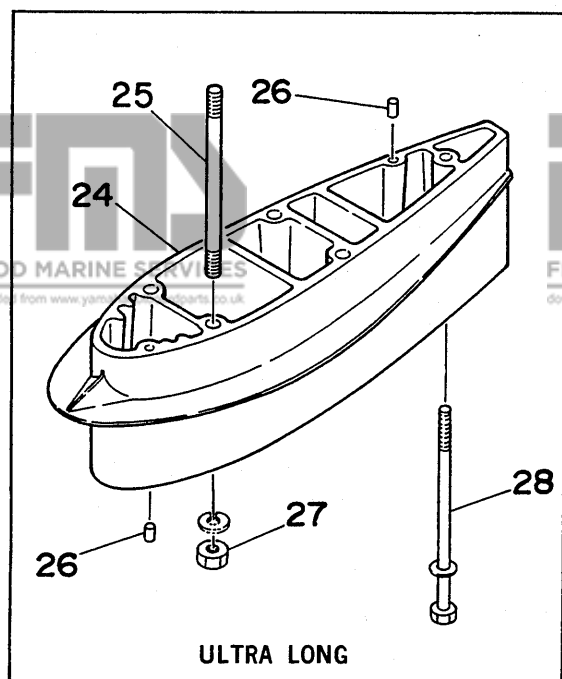
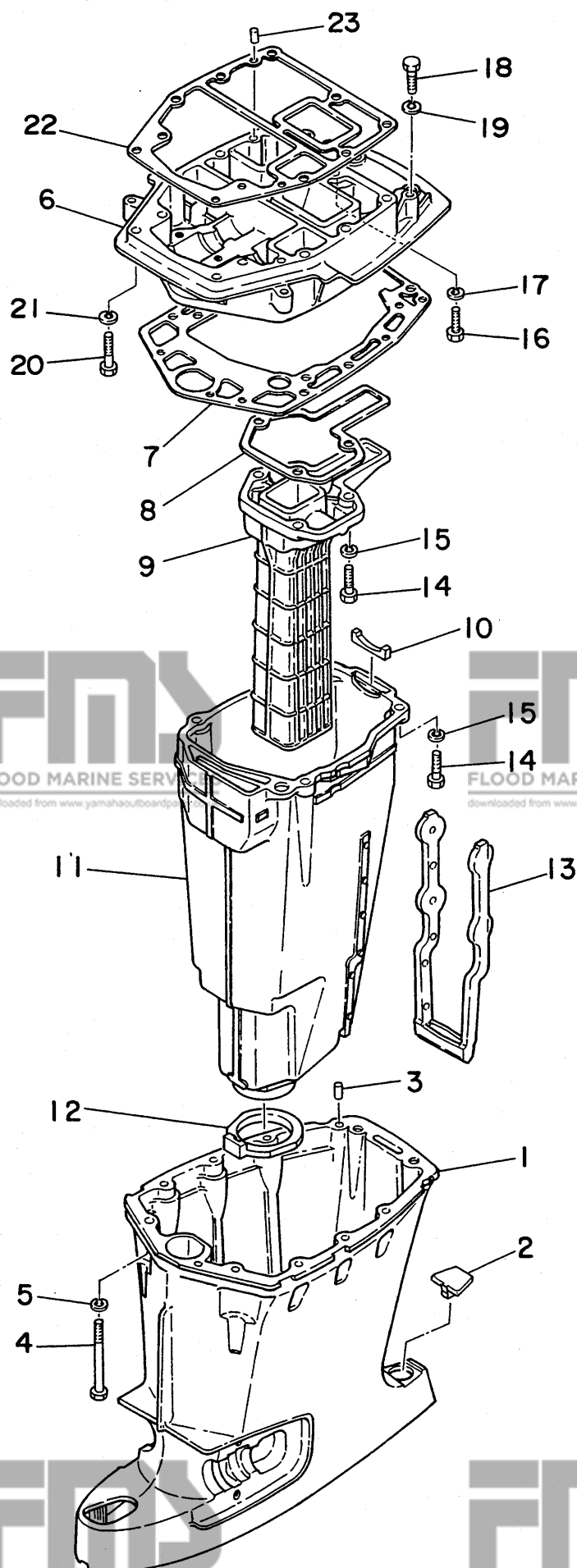
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Fig. 15 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-45111-03-EJ	CASING, upper	1	15	92990-08100	WASHER, spring	7
2	663-45155-10	CAP	1	16	97395-08025	BOLT	1
3	93606-12019	PIN, dowel	2	17	92990-08100	WASHER, spring	1
4	90101-08M50	BOLT	8	18	97395-08030	BOLT	2
5	92990-08100	WASHER, spring	8	19	92990-08100	WASHER, spring	2
6	688-41137-02-94	GUIDE, exhaust	1	20	97390-08035	BOLT	2
7	688-45114-01	GASKET, upper casing	1	21	92990-08100	WASHER, spring	2
8	688-41134-00	GASKET, exhaust manifold	1	22	688-45113-00	GASKET, upper casing	1
9	688-41131-00-9M	MANIFOLD, ext. 1 (90A Model)	1 UR	23	93606-12019	PIN, dowel	2
	692-41131-00-9M	MANIFOLD, ext. 1 (80A Model)	1 UR	24	688-45211-00-EJ	EXTENSION (Ultra Long)	1
10	688-41133-00	GASKET, exhaust manifold 1	1	25	90116-10M05	BOLT, stud (Ultra Long)	4
11	688-14711-01-9M	MUFFLER 1	1	26	93606-12019	PIN, dowel (Ultra Long)	4
12	688-45123-00	GASKET, muffler	1	27	95380-10600	NUT (Ultra Long)	4
13	663-14737-10	DAMPER, muffler	1	28	97375-08190	BOLT (Ultra Long)	1
14	97395-08030	BOLT	7				

Fig. 16 LOWER CASING. DRIVE I

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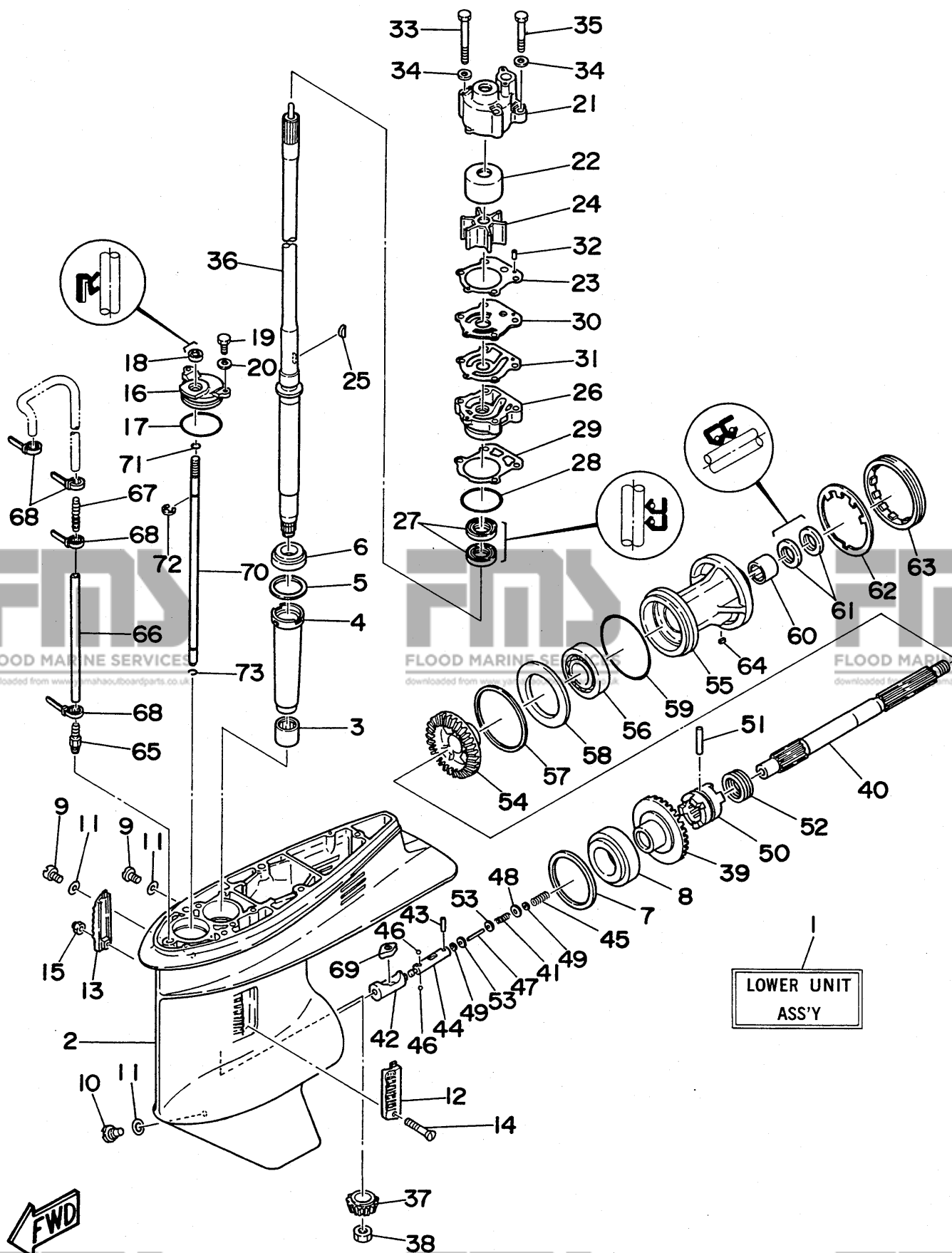
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Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-45300-12-EJ	LOWER UNIT ASSY (Long)		34	90209-08M02	WASHER	4
		(Ref. No. 2 to 73)	1 UR	35	97395-08050	BOLT	2
	6H1-45300-22-EJ	LOWER UNIT ASSY (Ultra Long)		36	6H1-45501-10	DRIVE SHAFT COMP. (Long)	1 UR
		(Ref. No. 2 to 73)	1 UR		688-45501-21	DRIVE SHAFT COMP. (Ultra Long)	1 UR
2	6H1-45301-01-EJ	CASING, lower	1	37	688-45551-01	PINION	1
3	93315-325V1	BEARING, cylindrical	1	38	90170-16M01	NUT	1
4	688-45536-01	SLEEVE, drive shaft	1	39	688-45560-00	GEAR	1
5	688-45587-01-10	SHIM (T:0.10MM)	1 UR	40	6H1-45611-01	SHAFT, propeller	1
	688-45587-01-12	SHIM (T:0.12MM)	1 UR	41	90501-12M48	SPRING, compression	1
	688-45587-01-15	SHIM (T:0.15MM)	1 UR	42	6H1-45641-01	SHIFTER	1
	688-45587-01-18	SHIM (T:0.18MM)	1 UR	43	93603-12M11	PIN, dowel	1
	688-45587-01-30	SHIM (T:0.30MM)	1 UR	44	6H1-45634-02	SLIDE, shift	1
	688-45587-01-40	SHIM (T:0.40MM)	1 UR	45	90501-16M65	SPRING, compression	1
	688-45587-01-50	SHIM (T:0.50MM)	1 UR	46	93503-16010	BALL	2
6	93332-000U3	BEARING	1	47	6H1-45668-00	SHAFT, free	1
7	688-45567-01-10	SHIM (T:0.10MM)	1 UR	48	90201-03313	WASHER, plate	1
	688-45567-01-12	SHIM (T:0.12MM)	1 UR	49	90183-02M03	NUT, spring	2
	688-45567-01-15	SHIM (T:0.15MM)	1 UR	50	6H1-45631-01	CLUTCH, dog	1
	688-45567-01-18	SHIM (T:0.18MM)	1 UR	51	90250-07M02	PIN, straight	1
	688-45567-01-30	SHIM (T:0.30MM)	1 UR	52	688-45633-00	RING, cross pin	1
	688-45567-01-40	SHIM (T:0.40MM)	1 UR	53	6H1-45635-00	PLUNGER, shift	2
	688-45567-01-50	SHIM (T:0.50MM)	1 UR	54	6H1-45571-00	GEAR	1
8	93332-000U5	BEARING	1	55	688-45331-00-94	HOUSING, bearing	1
9	90340-08M04	PLUG, straight screw	2	56	93306-207U0	BEARING	1
10	688-45341-00	PLUG, drain	1	57	688-45577-01-10	SHIM (T:0.10MM)	1 UR
11	90430-08020	GASKET	3		688-45577-01-12	SHIM (T:0.12MM)	1 UR
12	688-45214-02	COVER, water inlet	1		688-45577-01-15	SHIM (T:0.15MM)	1 UR
13	688-45215-02	COVER, water inlet	1		688-45577-01-18	SHIM (T:0.18MM)	1 UR
14	98680-05545	SCREW, oval head	1		688-45577-01-30	SHIM (T:0.30MM)	1 UR
15	90185-05002	NUT, self-locking	1		688-45577-01-40	SHIM (T:0.40MM)	1 UR
16	688-45321-00	PLATE	1		688-45577-01-50	SHIM (T:0.50MM)	1 UR
17	93210-49046	O-RING	1	58	688-45576-00	WASHER, thrust	1
18	93106-09014	OIL SEAL	1	59	93210-85M15	O-RING	1
19	97395-06016	BOLT	2	60	93317-325U0	BEARING, cylindrical	1
20	92990-06600	WASHER, plate	2	61	93101-25M03	OIL SEAL	2
21	688-44311-01	HOUSING, water pump	1	62	688-45383-02	WASHER, claw	1
22	688-44322-00	INSERT, cartridge	1	63	688-45384-00	NUT	1
23	688-44315-00	GASKET, water pump	1	64	90282-04010	KEY, straight	1
24	688-44352-03	IMPELLER	1	65	6E5-45378-00	NIPPLE, hose	1
25	90280-04M04	KEY, woodruff	1	66	90445-07ME9	HOSE (Long)	1 UR
26	688-44341-00-94	HOUSING, water pump	1		90445-07M38	HOSE (Ultra Long)	1 UR
27	93101-25M03	OIL SEAL	2	67	6E5-83558-10	END, nipple	1
28	93210-46044	O-RING	1	68	90465-11M10	CLAMP	4
29	688-44316-01	GASKET, water pump	1	69	6H1-44151-00	CAM, shift	1
30	688-44323-00	OUTER PLATE, cartridge	1	70	6H1-44144-00	ROD, shift	1
31	688-44324-00	GASKET, cartridge	1	71	93210-07435	O-RING	1
32	93604-10M03	PIN, dowel	2	72	99001-08600	CIRCLIP	1
33	97395-08070	BOLT	2	73	93450-07M00	CIRCLIP	1

Fig. 17 LOWER CASING. DRIVE 2

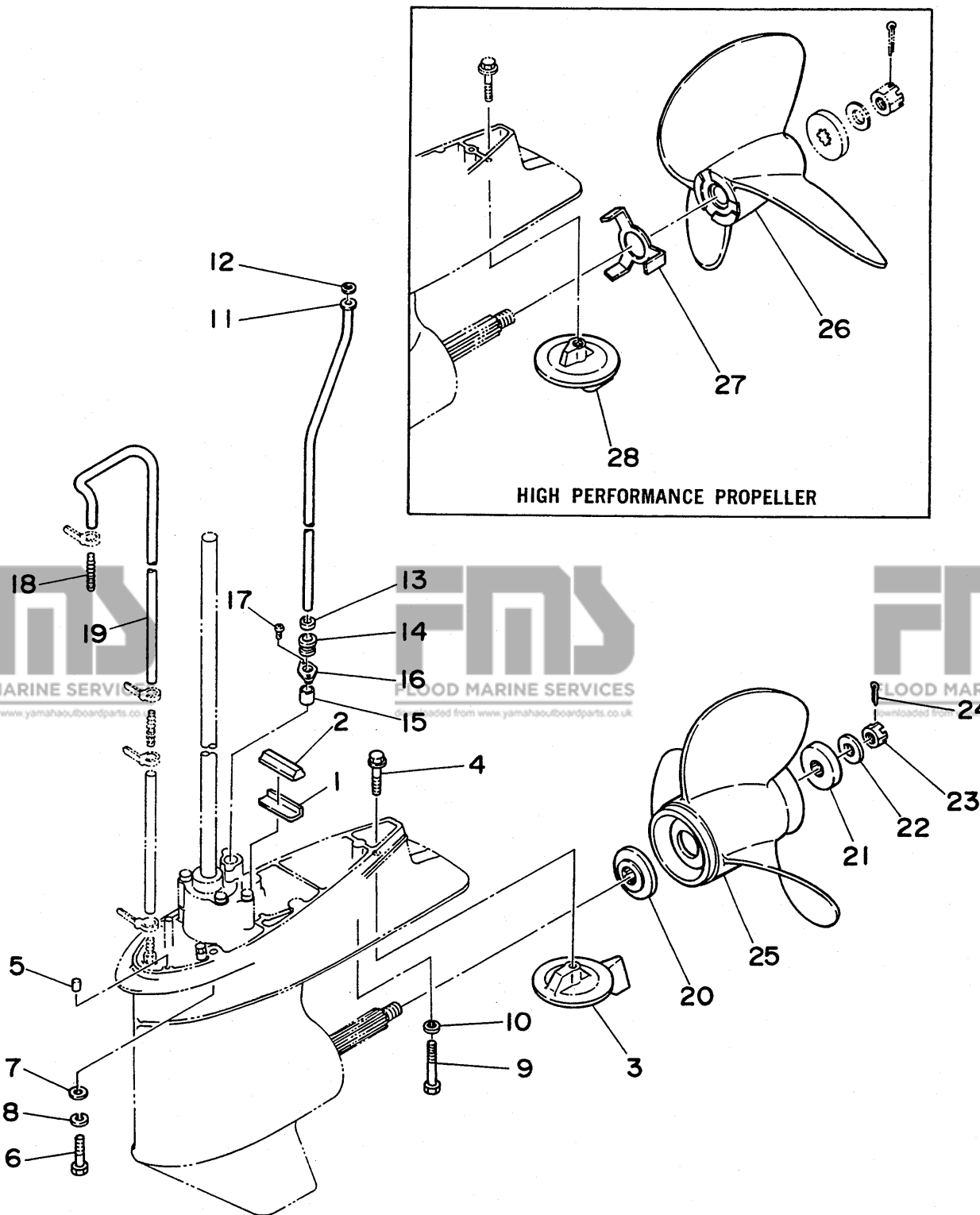


Fig. 17 LOWER CASING. DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	663-45376-00-94	GUIDE, seal damper	1	25	6E5-45941-00-EL	PROPELLER (3X13"X19"-K)	1 UR
2	688-45375-00	DAMPER, seal	1		6E5-45943-00-EL	PROPELLER (3X12-5/8"X21"-K)	1 UR
3	688-45371-02	TAB-TRIM	1		6E5-45945-01-EL	PROPELLER (3X13-1/4"X17"-K)	1 UR
4	90105-10M00	BOLT, washer based	1		6E5-45947-00-EL	PROPELLER (3X13-1/2"X15"-K)	1 UR
5	93606-12019	PIN, dowel	2		6E5-45949-00-EL	PROPELLER (3X13-5/8"X13"-K)	1 UR
6	97375-10040	BOLT	4		6E5-45952-00-EL	PROPELLER (3X13"X23"-K)	1 UR
7	92990-10600	WASHER, plate	4		6E5-45954-00-EL	PROPELLER (3X14"X11"-K)	1 UR
8	92990-10100	WASHER, spring	4		6E5-45956-00-EL	PROPELLER (3X13"X25"-K)	1 UR
9	97395-08060	BOLT	1		STAINLESS STEEL PROPELLER		
10	92990-08100	WASHER, spring	1		688-45970-03-98	PROPELLER (3X13"X19"-K)	1 UR
11	688-44361-10	TUBE, water (Long)	1 UR		688-45972-02-98	PROPELLER (3X13"X21"-K)	1 UR
	688-44361-20	TUBE, water (Ultra Long)	1 UR		688-45974-02-98	PROPELLER (3X13"X23"-K)	1 UR
12	90202-12060	WASHER, plate	1		688-45976-01-98	PROPELLER (3X13"X25"-K)	1 UR
13	90430-12072	GASKET	1		688-45978-60-98	PROPELLER (3X13-1/2"X16"-K)	1 UR
14	663-44367-00	DAMPER, water seal	1		688-45930-01-98	PROPELLER (3X13"X17"-K)	1 UR
15	663-44366-00	DAMPER, water seal	1		688-45932-60-98	PROPELLER (3X13-1/2"X14"-K)	1 UR
16	90480-19M06	GROMMET	1		HIGH PERFORMANCE PROPELLER		
17	97780-40112	SCREW, tapping	2	26	6E5-45970-10	PROPELLER (3X14"X20"-P)	1 UR
18	6E5-83558-00	END, nipple	1		6E5-45972-10	PROPELLER (3X14"X24"-P)	1 UR
19	90445-07MF1	HOSE	1		6E5-45974-10	PROPELLER (3X14"X28"-P)	1 UR
20	688-45987-00	SPACER	1		6E5-45976-10	PROPELLER (3X14"X22"-P)	1 UR
21	688-45997-00	SPACER	1		6E5-45978-10	PROPELLER (3X14"X26"-P)	1 UR
22	90201-17M25	WASHER, plate	1	27	6E5-45994-10	PLATE, tooth	1
23	90171-16011	NUT, castle	1	28	6E5-45371-10	TAB-TRIM	1
24	91490-40025	PIN, cotter	1				

Fig. 18 MAGNETO

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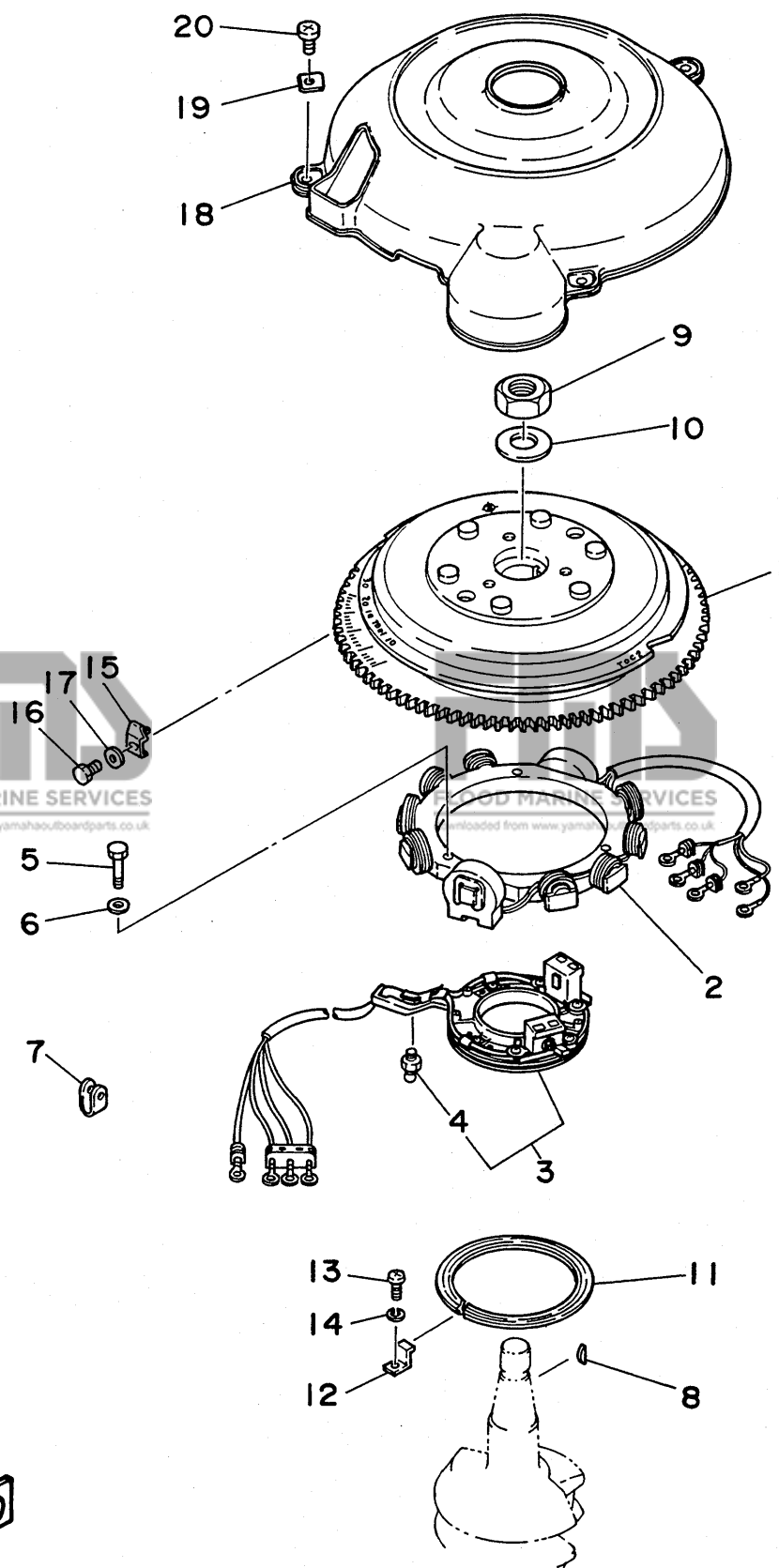
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Fig. 18 MAGNETO

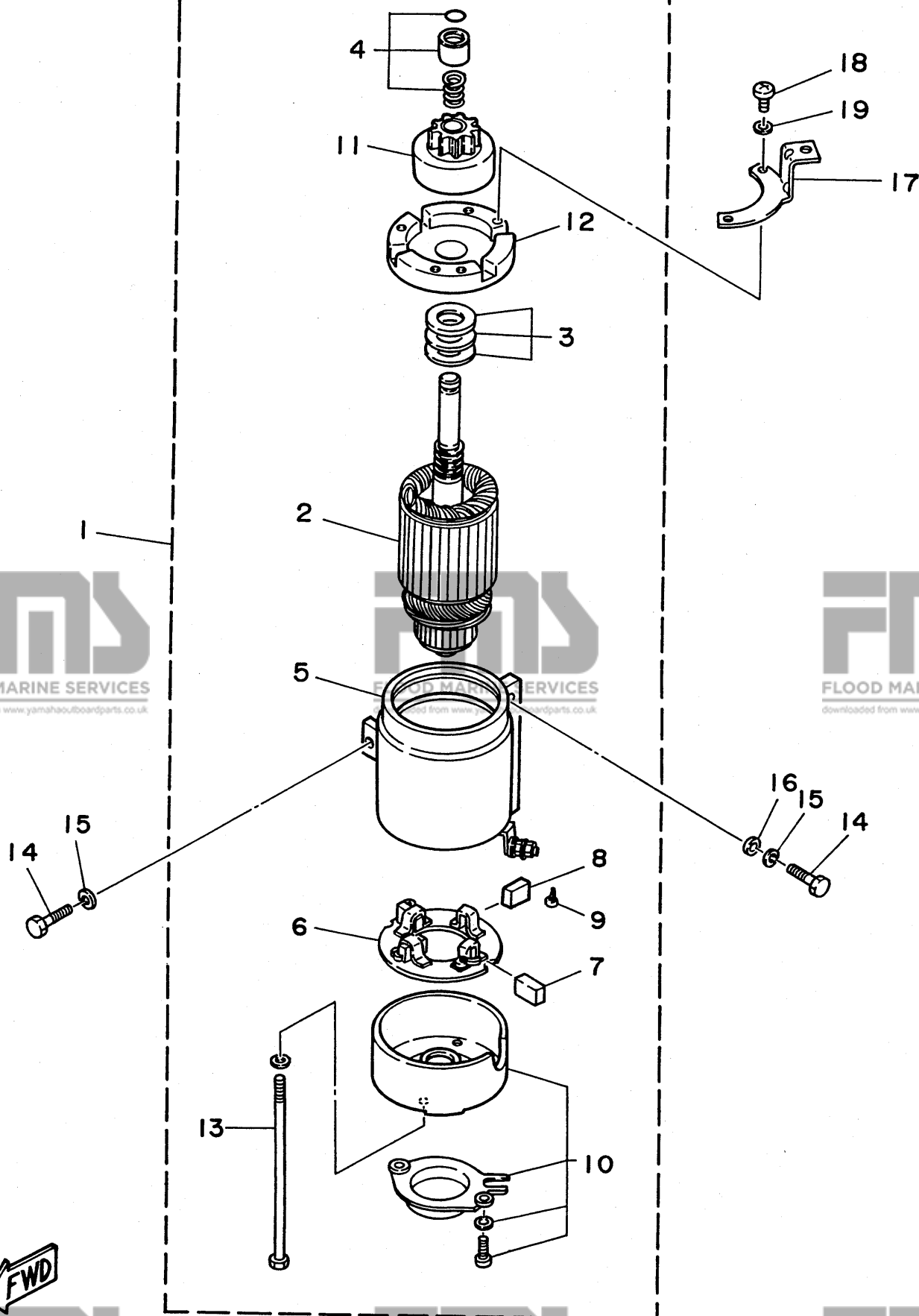
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-85550-13	ROTOR ASSY	1	11	688-41611-00	RETAINER, magneto base	1
2	688-85510-11	STATOR ASSY	1	12	688-41612-00	RETAINER, magneto base	3
3	688-85580-12	COIL, pulser	1	13	92580-06012	SCREW, pan head	3
4	663-85518-00	.JOINT, ball	1	14	92990-06100	WASHER, spring	3
5	97313-06025	BOLT	3	15	688-81332-01	PLATE, timing	1
6	92990-06600	WASHER, plate	3	16	97313-06010	BOLT	1
7	90464-12M00	CLAMP	1	17	92990-06600	WASHER, plate	1
8	90280-05049	KEY, woodruff	1	18	6H1-81337-00	COVER, flywheel	1
9	90170-20137	NUT	1	19	90209-06M04	WASHER	3
10	90201-21M18	WASHER, plate	1	20	92580-06012	SCREW, pan head	3

Fig. 19 STARTING MOTOR

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Fig. 19 STARTING MOTOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-81800-11	STARTING MOTOR ASSY	1	11	663-81832-11	.CLUTCH, over run	1
2	676-81850-10	.ARMATURE ASSY	1	12	688-81830-11	.FRONT BRACKET ASSY	1
3	676-81809-10	.WASHER KIT	1	13	663-81826-10	.BOLT	2
4	676-81857-10	.RETAINER	1	14	97313-08030	BOLT	3
5	688-81810-11	.STATOR ASSY	1	15	92990-08100	WASHER, spring	3
6	663-81840-10	.BRUSH HOLDER ASSY	1	16	92990-08600	WASHER, plate	2
7	663-81811-11	.BRUSH 1	2	17	6H1-15771-00	STAY 1	1
8	663-81812-11	.BRUSH 2	2	18	97803-04010	SCREW, pan head	3
9	663-81813-10	.SPRING, brush	4	19	92990-04200	WASHER, plain	3
10	663-81820-11	.REAR BRACKET ASSY	1				

Fig. 20 ELECTRICAL

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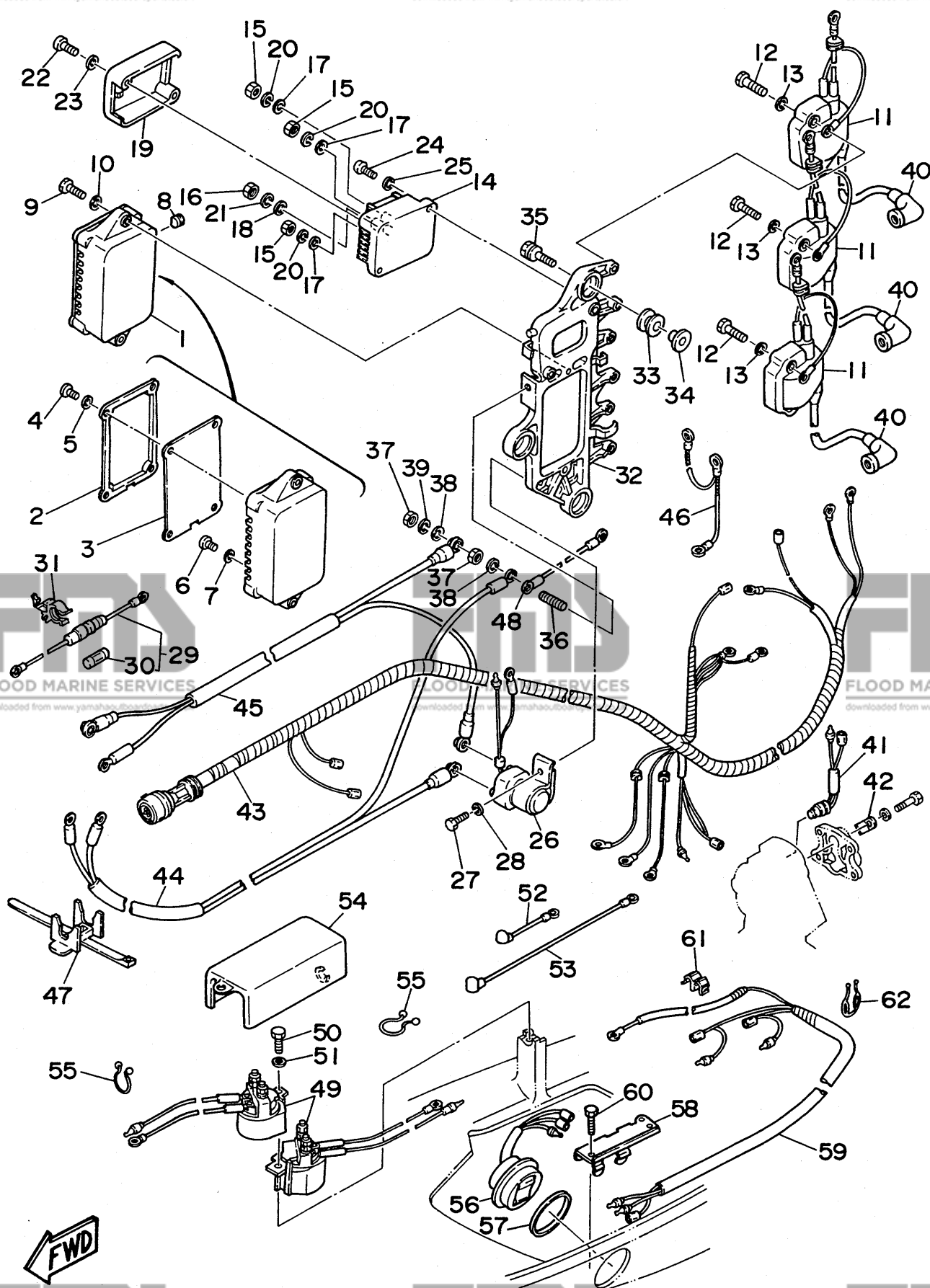


Fig. 20 ELECTRICAL

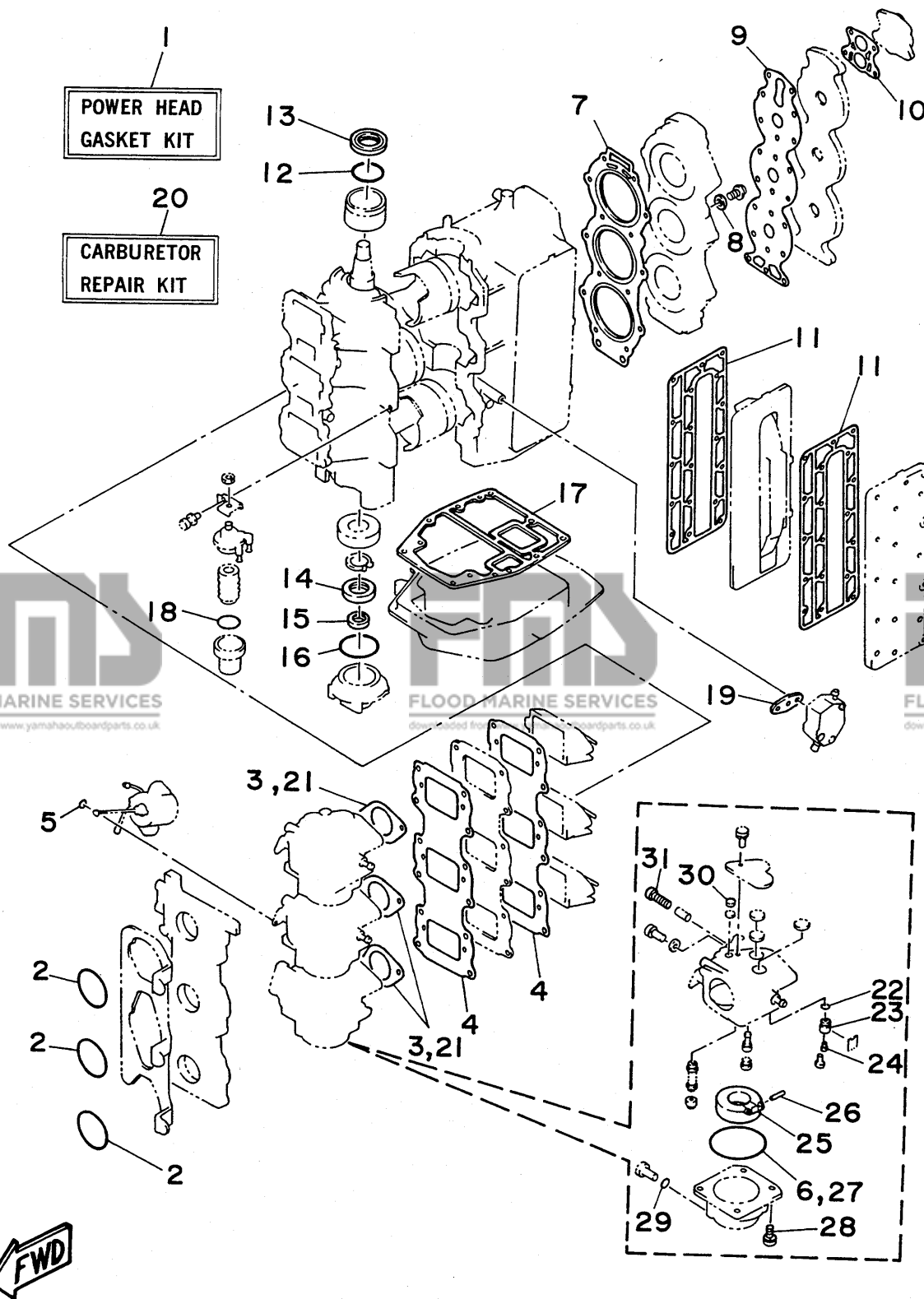
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-85540-16	C.D.I. UNIT ASSY	1	34	90387-06M03	COLLAR	3
2	688-85537-12	.COVER	1	35	90119-06M26	BOLT, with washer	3
3	6E5-85547-10	.DAMPER	1	36	90116-06M22	BOLT, stud	1
4	98580-05010	.SCREW, pan head	4	37	95380-06700	NUT	2
5	92990-05600	.WASHER, plate	4	38	92990-06200	WASHER, plain	2
6	98580-04008	.SCREW, pan head	16	39	92990-06100	WASHER, spring	1
7	92990-04200	.WASHER, plain	16	40	6E3-82370-20	PLUG CAP ASSY	3
8	663-81922-00	GROMMET	1	41	688-82560-10	THERMO SWITCH ASSY	1
9	97313-06025	BOLT	2	42	688-82588-01	PLATE	1
10	92990-06200	WASHER, plain	2	43	688-82590-12	WIRE HARNESS ASSY	1
11	697-85570-10	IGNITION COIL ASSY	3	44	688-82105-02	WIRE HARNESS	1
12	97313-06030	BOLT	6	45	688-82531-01	WIRE, lead	1
13	92990-06600	WASHER, plate	6	46	697-82519-00	WIRE, earth lead	1
14	6G5-81960-A0	RECTIFIER & REGULATOR ASSY	1	47	688-82594-00	CLAMP	1
15	95380-05600	NUT	3	48	688-83354-00	WIRE, earth lead 1	1
16	95380-06600	NUT	1	49	688-81950-10	RELAY ASSY (80AETO/90AETO Model)	2
17	92990-05200	WASHER, plain	3	50	97313-06020	BOLT (80AETO/90AETO Model)	1
18	92990-06200	WASHER, plain	1	51	92990-06600	WASHER, plate	1
19	688-81961-01	COVER	1			(80AETO/90AETO Model)	1
20	92990-05100	WASHER, spring	3	52	688-81949-00	WIRE, lead (80AETO/90AETO Model)	1
21	92990-06100	WASHER, spring	1	53	688-85515-00	LEAD WIRE ASSY	1
22	98503-05025	SCREW, pan head	2			(80AETO/90AETO Model)	1
23	92990-05600	WASHER, plate	2	54	6H3-82154-00	CASE (80AETO/90AETO Model)	1
24	97313-06020	BOLT	2	55	90464-16039	CLAMP (80AETO/90AETO Model)	2
25	92990-06600	WASHER, plate	2	56	6H1-82563-00	TRIM & TILT SWITCH ASSY	1
26	688-81940-11	STARTER SWITCH ASSY	1			(80AETO/90AETO Model)	1
27	97313-06016	BOLT	1	57	6E5-82587-00	GASKET (80AETO/90AETO Model)	1
28	92990-06600	WASHER, plate	1	58	6H1-83614-00	BRACKET (80AETO/90AETO Model)	1
29	688-82150-01	FUSE HOLDER ASSY	1	59	6H1-82553-00	EXTENSION, wire lead	1
30	663-82151-00	.FUSE (12V-20A)	1			(80AETO/90AETO Model)	1
31	6G5-82152-00	HOLDER, fuse	1	60	97313-06016	BOLT (80AETO/90AETO Model)	2
32	688-85542-03-94	BRACKET	1	61	90464-07M20	CLAMP (80AETO/90AETO Model)	1
33	90480-09M12	GROMMET	3	62	90464-18M14	CLAMP (80AETO/90AETO Model)	1

Fig. 21 REPAIR KIT I

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Fig. 21 REPAIR KIT 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-W0001-00	POWER HEAD GASKET KIT	1	17	688-45113-00	.GASKET, upper casing	1
2	93210-46044	.O-RING	3	18	93210-37M25	.O-RING	1
3	688-14198-00	.GASKET	3	19	650-24431-00	.GASKET, fuel pump 1	1
4	688-13621-00	.GASKET, valve seat	2	20	6H1-W0093-00	CARBURETOR REPAIR KIT	1
5	93210-03261	.O-RING	1	21	688-14198-00	.GASKET	3
6	676-14984-00	.GASKET, float chamber	3	22	93210-04228	.O-RING	3
7	688-11181-02	.GASKET, cylinder head 1	1	23	692-14590-00	.NEEDLE VALVE ASSY	3
8	90430-14115	.GASKET	1	24	676-14186-00	.PIN, float	3
9	688-11193-01	.GASKET, head cover 1	1	25	676-14985-01	.FLOAT	3
10	688-12414-00	.GASKET, cover	1	26	688-14548-00	.PIN, float arm	3
11	688-41112-00	.GASKET, exhaust inner cover	2	27	676-14984-00	.GASKET, float chamber	3
12	93210-46M16	.O-RING	1	28	90159-04M00	.SCREW, with washer	3
13	93102-36M24	.OIL SEAL	1	29	93210-04230	.O-RING	3
14	93102-30M05	.OIL SEAL	1	30	663-14126-00	.GASKET	3
15	93104-20M02	.OIL SEAL	1	31	692-14923-00	.SCREW, pilot	3
16	93210-62269	.O-RING	1				

Fig. 22 REPAIR KIT 2

LOWER UNIT
GASKET KIT

WATER PUMP
REPAIR KIT

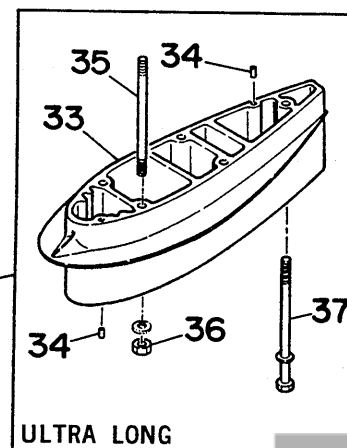
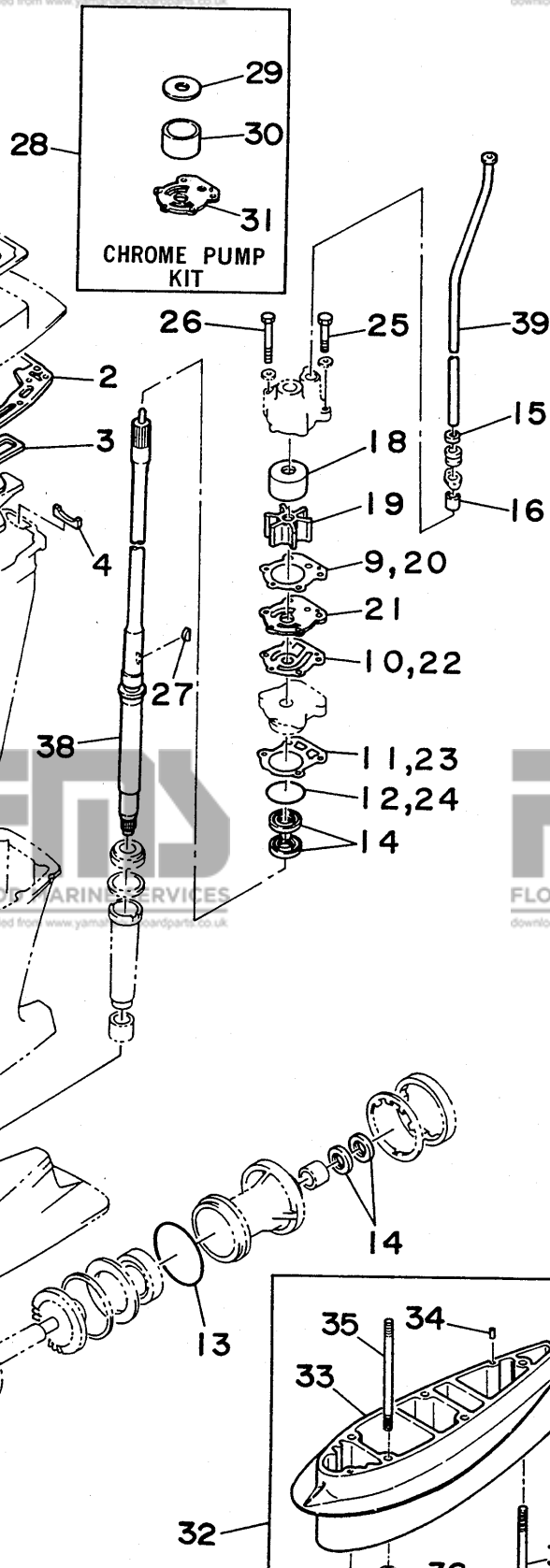


Fig. 22 RAPAIR KIT 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-W0001-20	LOWER UNIT GASKET KIT	1	21	688-44323-00	.OUTER PLATE, cartridge	1
2	688-45114-01	.GASKET, upper casing	1	22	688-44324-00	.GASKET, cartridge	1
3	688-41134-00	.GASKET, exhaust manifold	1	23	688-44316-01	.GASKET, water pump	1
4	688-41133-00	.GASKET, exhaust manifold 1	1	24	93210-46044	.O-RING	1
5	688-45123-00	.GASKET, muffler	1	25	97395-08050	.BOLT	2
6	90430-08020	.GASKET	3	26	97395-08070	.BOLT	2
7	93210-49046	.O-RING	1	27	90280-04M04	.KEY, woodruff	1
8	93106-09014	.OIL SEAL	1	28	688-W0078-1A	CHROME PUMP KIT	1
9	688-44315-00	.GASKET, water pump	1	29	688-44321-41	.INNER PLATE, cartridge	1
10	688-44324-00	.GASKET, cartridge	1	30	688-44322-41	.INSERT, cartridge	1
11	688-44316-01	.GASKET, water pump	1	31	688-44323-40	.OUTER PLATE, cartridge	1
12	93210-46044	.O-RING	1	32	6H1-W0072-01-EJ	EXTENSION KIT	1
13	93210-85M15	.O-RING	1	33	688-45211-00-EJ	.EXTENSION (Ultra Long)	1
14	93101-25M03	.OIL SEAL	2	34	93606-12019	.PIN, dowel (Ultra Long)	4
15	90430-12072	.GASKET	1	35	90116-10M05	.BOLT, stud (Ultra Long)	4
16	663-44366-00	.DAMPER, water seal	1	36	95380-10600	.NUT (Ultra Long)	4
17	692-W0078-00	WATER PUMP REPAIR KIT	1	37	97375-08190	.BOLT (Ultra Long)	1
18	688-44322-00	.INSERT, cartridge	1	38	688-45501-21	.DRIVE SHAFT COMP. (Ultra Long)	1
19	688-44352-03	.IMPELLER	1	39	688-44361-20	.TUBE, water (Ultra Long)	1
20	688-44315-00	.GASKET, water pump	1	40	6H1-44120-21	.HANDLE GEAR SHIFT ASSY (Ultra Long)	1



ALTERNATE PARTS

A.P.



CONTENTS

Fig. 1	FUEL TANK & FUEL PIPE	278
Fig. 2	REMOTE CONTROL	280
Fig. 3	ATTACHMENT ASSY 1 (25J/30D MODEL)	282
Fig. 4	ATTACHMENT ASSY 2 (40H/50D MODEL)	284
Fig. 5	STEERING GUIDE ATTACHMENT	286
Fig. 6	REMOTE CONTROL ASSY 1 (701 TYPE)	288
Fig. 7	REMOTE CONTROL ASSY 2 (703 PULL TO OPEN TYPE)	290
Fig. 8	REMOTE CONTROL ASSY 3 (703 PUSH TO OPEN TYPE)	292
Fig. 9	REMOTE CONTROL ASSY 4 (704 SINGLE PULL TO OPEN TYPE)	294
Fig. 10	REMOTE CONTROL ASSY 5 (704 TWIN PULL TO OPEN TYPE)	296
Fig. 11	REMOTE CONTROL ASSY 6 (704 SINGLE PUSH TO OPEN TYPE)	298
Fig. 12	REMOTE CONTROL ASSY 7 (704 TWIN PUSH TO OPEN TYPE)	300
Fig. 13	METER	302
Fig. 14	OPTIONAL PARTS 1	304
Fig. 15	OPTIONAL PARTS 2	306
Fig. 16	OPTIONAL PARTS 3	308
Fig. 17	OPTIONAL PARTS 4	310
Fig. 18	OPTIONAL PARTS 5	312

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Fig. 1 FUEL TANK & TUEL PIPE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6Y1-W2420-62-24	FUEL TANK ASSY	1	11	6Y1-24306-05	FUEL PIPE ASSY	1
2	6Y1-24246-00	. GRAPHIC, side	2	# 12	90445-11M06	. HOSE (L:2050mm)	1
3	6Y1-24257-00	. GRAPHIC	1	13	6Y1-24360-02	. PRIMER PUMP ASSY	1
4	6Y1-24260-02	. FUEL METER ASSY	1	# 14	90445-11M05	. HOSE (L:850mm)	1
5	6Y1-24268-00	. GASKET, fuel meter	1	15	650-24351-01	. BAND, fuel pipe 1	4
6	98586-05016	. SCREW, pan head	4	16	661-24305-00	. FUEL PIPE JOINT COMP. 2	1
7	6Y1-24329-00	. SEAL	4	17	93210-08287	. . O-RING	1
8	6Y1-24610-00	. CAP ASSY	1	18	6Y1-24305-01	. FUEL PIPE JOINT COMP.	1
9	6Y1-24167-00	. STRAINER	1	19	93210-08287	. . O-RING	1
10	6Y1-24256-80	. GRAPHIC	1	20	656-W2810-01	TOOL ASSY	1
				21	6E0-28193-00-94	PLUG, water check	1

Also available in 30m rolls. (Parts No. 90890-56878)

Fig. 2 REMOTE CONTROL

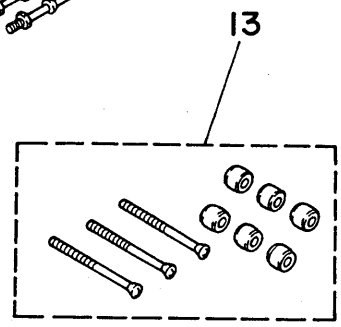
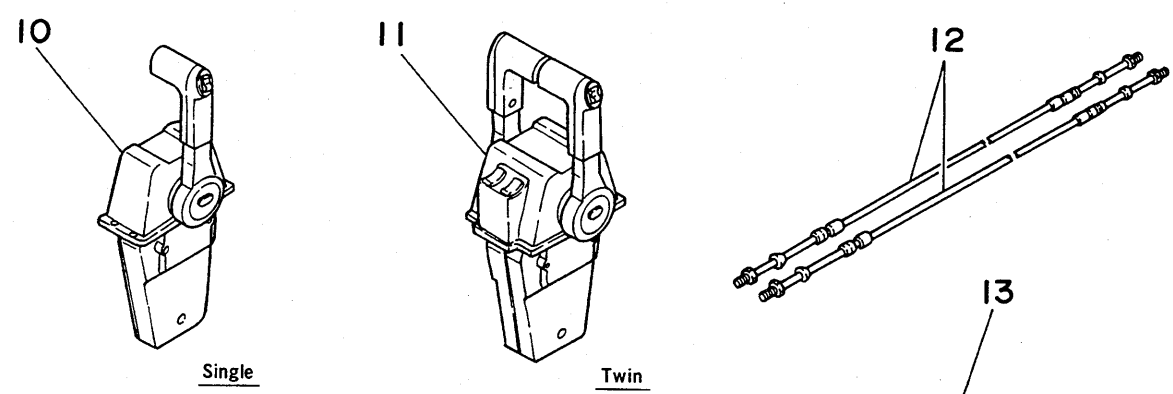
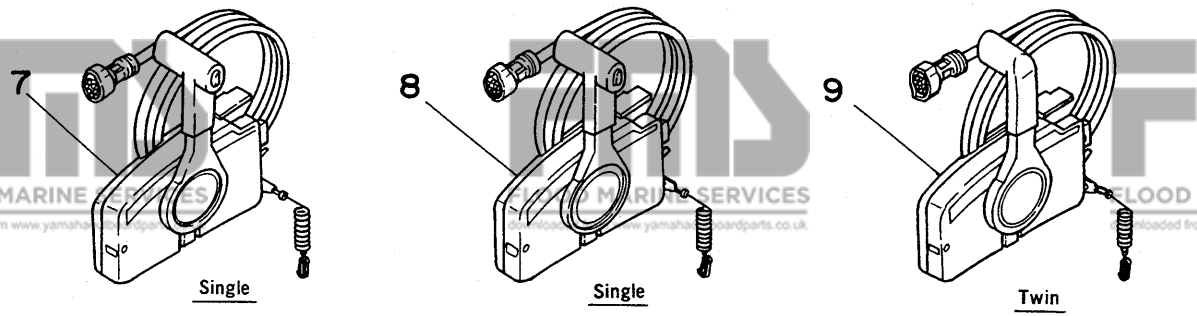
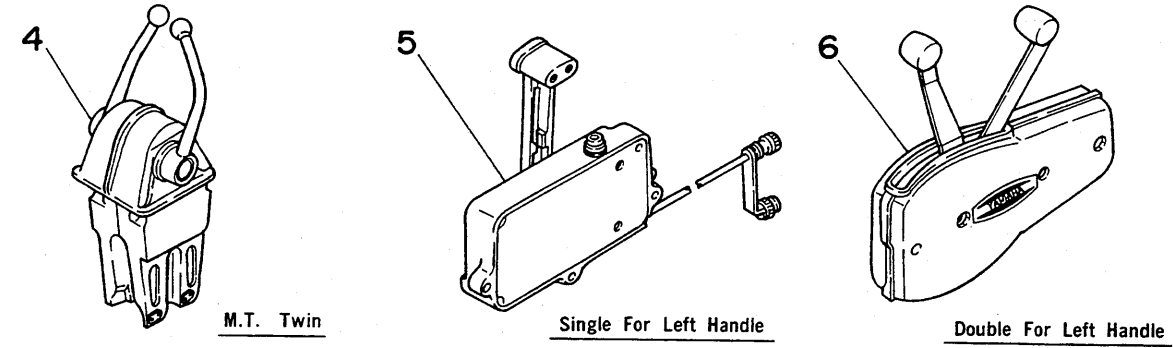
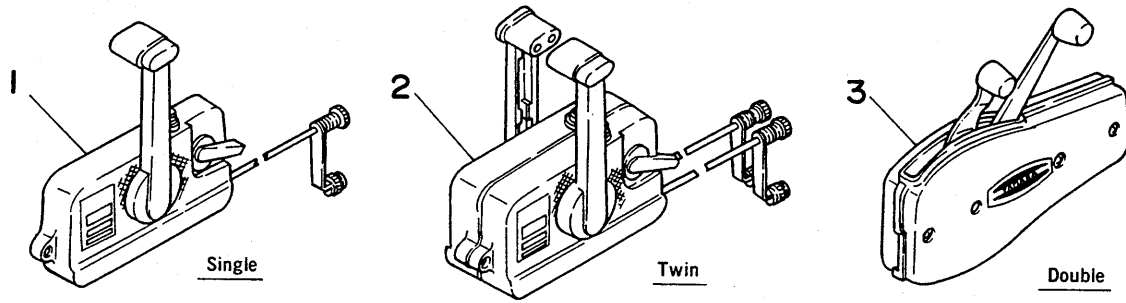


Fig. 2 REMOTE CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
♣ 1	701-48101-10	REMOTE CONTROL ASSY 1	1 UR	△	704-48205-11	REMOTE CONTROL ASSY (Single) (With P T/T Switch) (Push To Open Type)	1 UR
♣ 2	701-48110-22	REMOTE CONTROL ASSY 2	1 UR	▲ 11	704-48220-11	REMOTE CONTROL ASSY (Twin) (Pull To Open Type)	1 UR
3	701-48110-31	REMOTE CONTROL ASSY 3	1 UR	▲	704-48280-11	REMOTE CONTROL ASSY (Twin) (With P T/T Switch) (Pull To Open Type)	1 UR
4	701-48110-80	REMOTE CONTROL ASSY 8	1 UR	△	704-48207-30	REMOTE CONTROL ASSY (Twin) (With P T/T Switch) (Push To Open Type)	1 UR
♣ 5	701-48102-10	REMOTE CONTROL ASSY 1	1 UR	12	701-48310-10	CABLE, remote control 6F	2 UR
6	701-48120-31	REMOTE CONTROL ASSY 3	1 UR		701-48310-20	CABLE, remote control 7F	2 UR
★ 7	703-48230-11	REMOTE CONTROL ASSY (7P) (Pull To Open Type)	1 UR		701-48310-40	CABLE, remote control 8F	2 UR
☆	703-48203-11	REMOTE CONTROL ASSY (7P) (Push To Open Type)	1 UR		701-48310-60	CABLE, remote control 9F	2 UR
★ 8	703-48250-11	REMOTE CONTROL ASSY (10P) (Pull To Open Type)	1 UR		701-48310-80	CABLE, remote control 10F	2 UR
☆	703-48205-11	REMOTE CONTROL ASSY (10P) (Push To Open Type)	1 UR		701-48310-90	CABLE, remote control 11F	2 UR
★ 9	703-48220-11	REMOTE CONTROL ASSY (7P) (Twin Lever) (Pull To Open Type)	1 UR		701-48320-00	CABLE, remote control 12F	2 UR
★	703-48280-11	REMOTE CONTROL ASSY (10P) (Twin Lever) (Pull To Open Type)	1 UR		701-48320-20	CABLE, remote control 13F	2 UR
☆	703-48202-11	REMOTE CONTROL ASSY (7P) (Twin Lever) (Push To Open Type)	1 UR		701-48320-30	CABLE, remote control 14F	2 UR
☆	703-48208-11	REMOTE CONTROL ASSY (10P) (Twin Lever) (Push To Open Type)	1 UR		701-48320-50	CABLE, remote control 15F	2 UR
▲ 10	704-48230-11	REMOTE CONTROL ASSY (Single) (Pull To Open Type)	1 UR		701-48320-60	CABLE, remote control 16F	2 UR
▲	704-48250-11	REMOTE CONTROL ASSY (Single) (With P T/T Switch) (Pull To Open Type)	1 UR		701-48320-80	CABLE, remote control 17F	2 UR
					701-48320-90	CABLE, remote control 18F	2 UR
					701-48320-40	CABLE, remote control 19F	2 UR
					701-48320-70	CABLE, remote control 20F	2 UR
					701-48350-00	CABLE, remote control 21F	2 UR
					701-48350-10	CABLE, remote control 22F	2 UR
					701-48350-20	CABLE, remote control 23F	2 UR
				13	703-48290-01	TWIN ATTACHMENT (703 Type)	1

♣ See Fig. 6 for detail service parts.

★ See Fig. 7 for detail service parts.

☆ See Fig. 8 for detail service parts.

▲ See Fig. 9, 10 for detail service parts.

△ See Fig. 11, 12 for detail service parts.

Fig. 3 ATTACHMENT ASSY 1 (25J/30D MODEL)

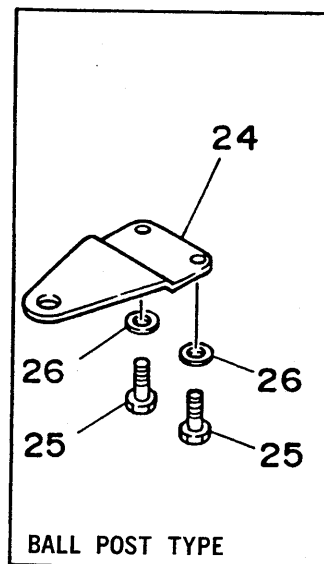
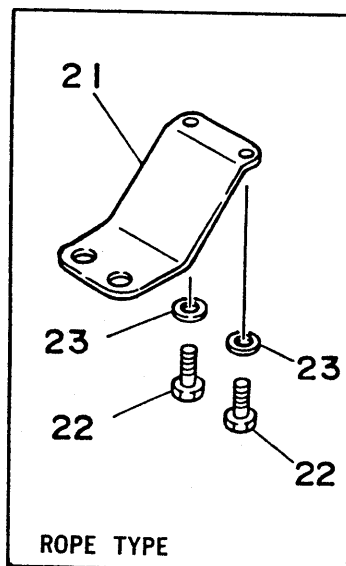
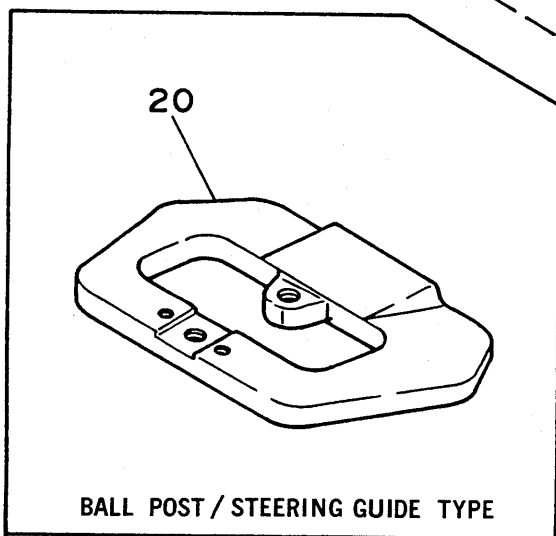
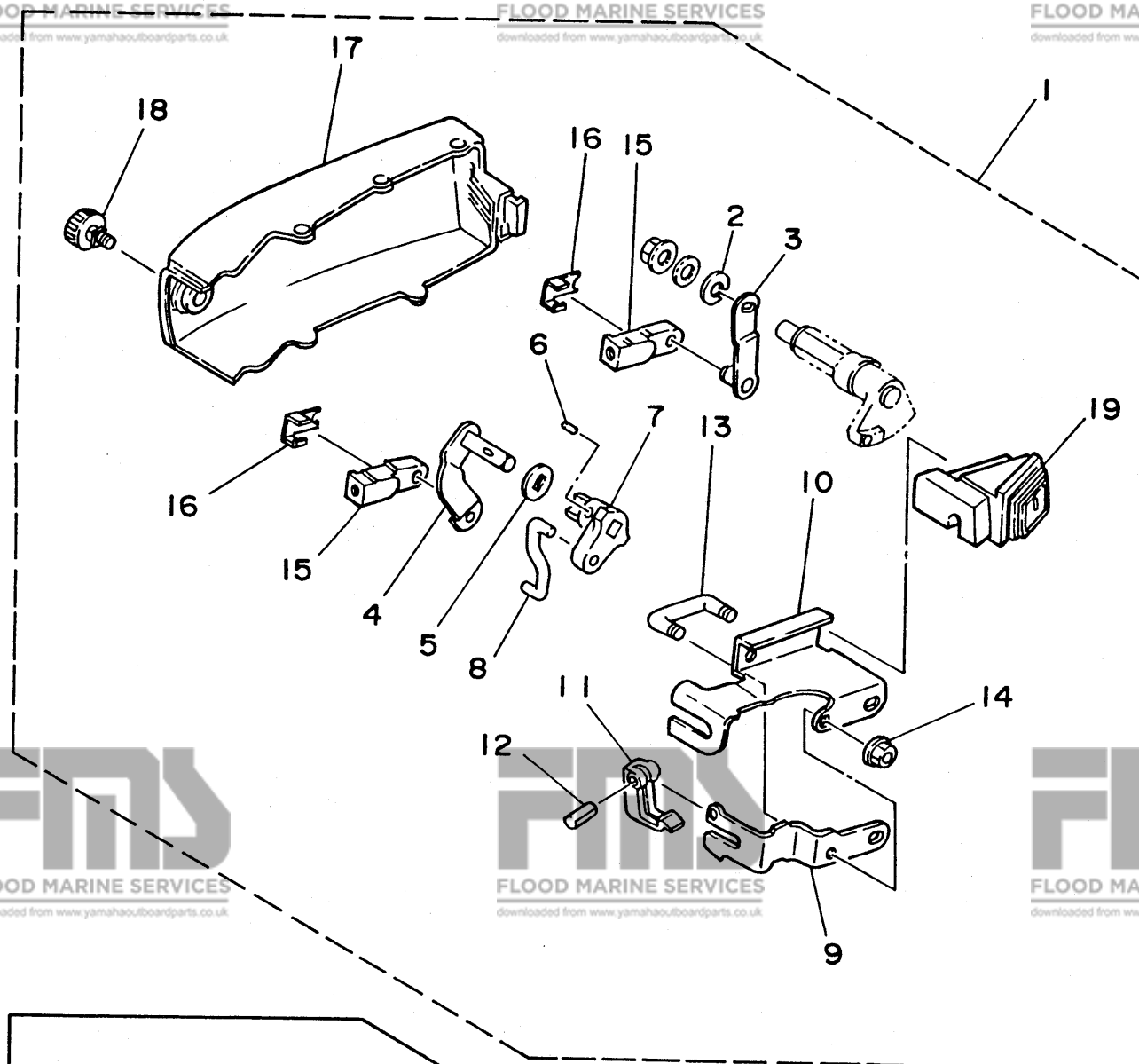


Fig. 3 ATTACHMENT ASSY 1 (25J/30D MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-48501-02-EJ	REMOTE CONT. ATTACHMENT ASSY	1	15	6G8-26363-00	. END, cable 1	2
2	92990-08100	. WASHER	1	16	6G8-26364-00	. END, cable 2	2
3	6J8-48534-00	. THROTTLE LEVER, control	1	17	6J8-42723-J0	. COVER, bottom	1
4	6J8-48544-01	. SHIFT LEVER, control	1	18	6J8-42846-00	. SCREW	1
5	6J8-44177-00	. WASHER	1	19	6J8-42724-10	. GROMMET	1
6	91690-30316	. PIN, spring	1	20	6J8-48511-00-EJ	HOOK, steering (Ball Post/Steering Guide Type)	1 AP
7	6J8-44173-02	. LEVER, shift control	1	21	6G8-48511-00	HOOK, steering (Rope Type)	1 AP
8	6J8-42169-01	. JOINT	1	22	97395-06016	BOLT	2
9	6J8-48531-00	. BRACKET, remote control 1	1	23	92990-06600	WASHER	2
10	6J8-48532-00	. BRACKET, remote control 2	1	24	6G8-48511-10	HOOK, steering (Ball Post Type)	1 AP
11	682-48538-50	. CLAMP, cable 1	1	25	97395-06016	BOLT	2
12	91690-30012	. PIN, spring	1	26	92990-06600	WASHER	2
13	90109-06M29	. BOLT	1				
14	90179-06M12	. NUT, self-locking	2				



Fig. 4 ATTACHMENT ASSY 2 (40H/50D MODEL)

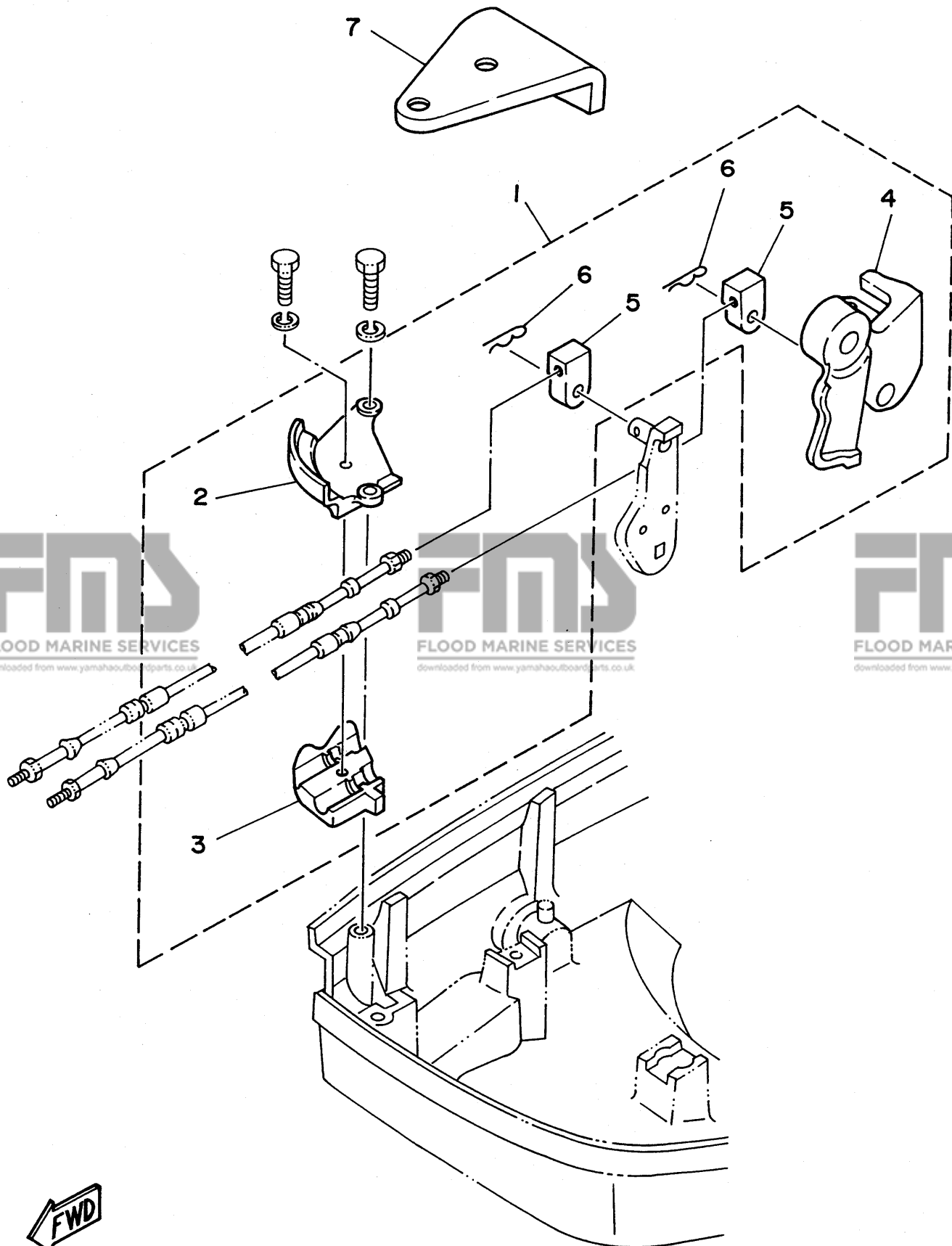


Fig. 4 ATTACHMENT ASSY 2 (40H/50D MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-48501-80	ATTACHMENT KIT	1	7	6H4-48511-50-EJ	HOOK, steering	
2	6H4-48531-10-94	. BRACKET, remote control 1	1			(Steering Guide Type)	1 UR
3	6H4-48532-10-94	. BRACKET, remote control 2	1		6H5-48511-50-EJ	HOOK, steering (50DET0 Model)	
4	6H4-41213-03	. CAM, accel.	1			(Steering Guide Type)	1 UR
5	6H4-48344-00	. CABLE END, remote control	2		688-48511-00-EJ	HOOK, steering	
6	90468-18008	. PIN, hair	2			(Ball Post Type)	1 UR

I

Fig. 5 STEERING GUIDE ATTACHMENT

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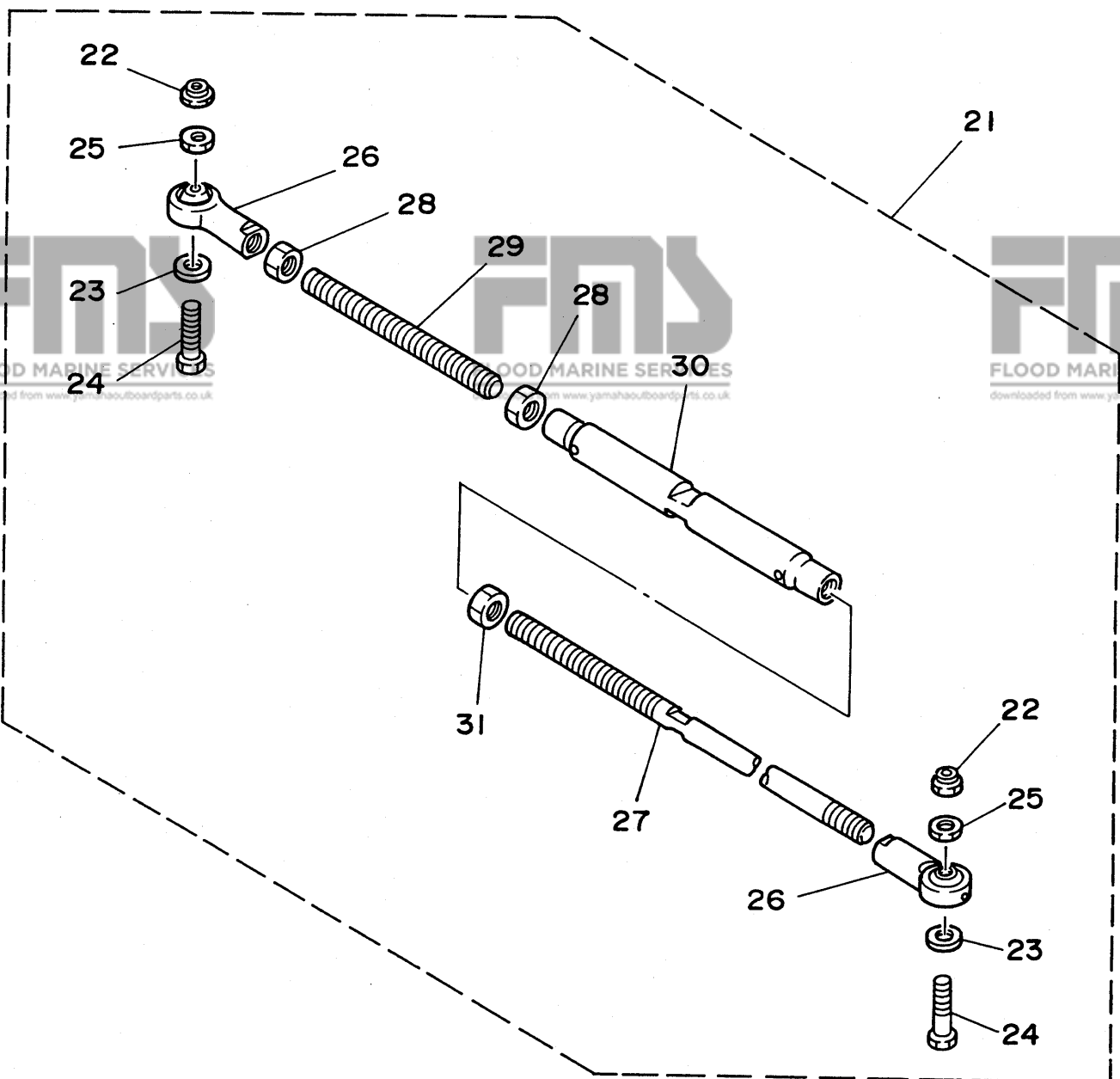
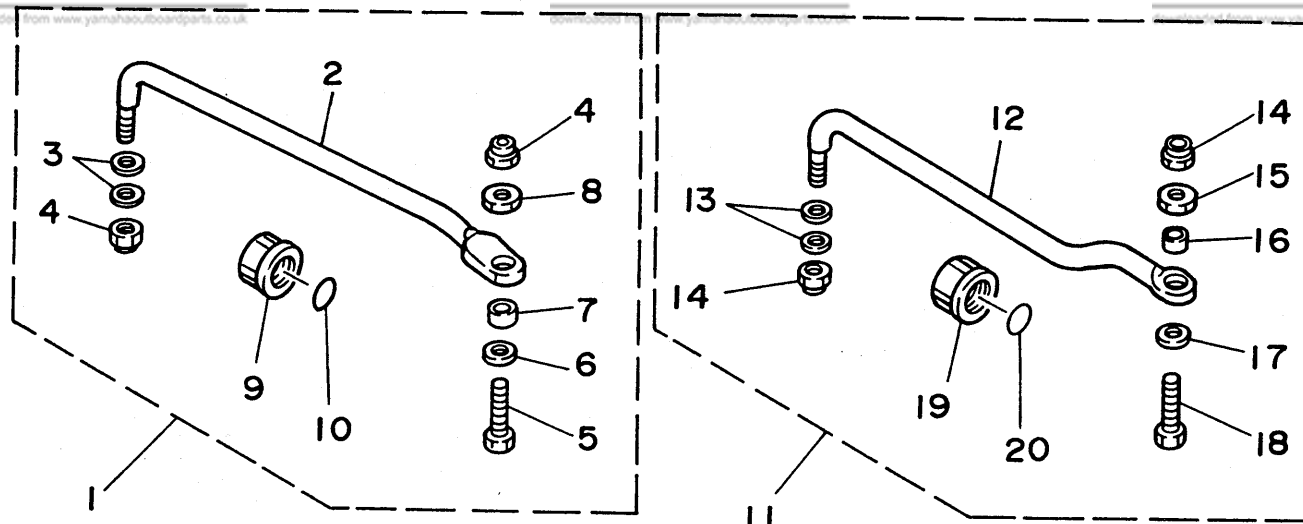


Fig. 5 STEERING GUIDE ATTACHMENT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-61350-02	STEERING GUIDE ATTACHMENT KIT (Single) (30D thru 50D Model)	1	16	90387-10M42	. COLLAR	1
2	689-61351-01	. ROD, steering link	1	17	90201-10M63	. WASHER	1
3	90201-10M20	. WASHER	2	18	90101-09M66	. BOLT	1
4	90185-09M01	. NUT, self-locking	2	19	6E5-43145-00	. CAP, clamp bracket	1
5	90101-09M66	. BOLT	1	20	93210-16275	. O-RING	1
6	90201-10M63	. WASHER	1	21	6E5-61301-00	TWIN KIT (L:600-800mm)	1 UR
7	90387-10M42	. COLLAR	1		688-61301-01	TWIN KIT (L:430-630mm)	1 UR
8	90170-09M03	. NUT	1	22	90185-09M01	. NUT, self-locking	2
9	6E5-43145-00	. CAP, clamp bracket	1	23	90201-10M76	. WASHER	2
10	93210-16275	. O-RING	1	24	90101-09M70	. BOLT	2
11	688-61350-10	STEERING GUIDE ATTACHMENT KIT (Single) (50DET/60F thru 90A Model)	1	25	90170-09M05	. NUT	2
12	688-61351-10	. ROD, steering link	1	26	6E5-61303-00	. STEERING EYE COMP.	2
13	90201-10M20	. WASHER	2	27	6E5-61311-10	. TIE BAR 1	1 UR
14	90185-09M01	. NUT, self-locking	2		688-61311-11	. TIE BAR 1	1 UR
15	90170-09M03	. NUT	1	28	95380-14700	. NUT	2
				29	6E5-61315-00	. TIE BAR 2	1
				30	6E5-61313-00	. ADJUSTER	1
				31	90170-14M06	. NUT	1

Fig. 6 REMOTE CONTROL ASSY I (701 TYPE)

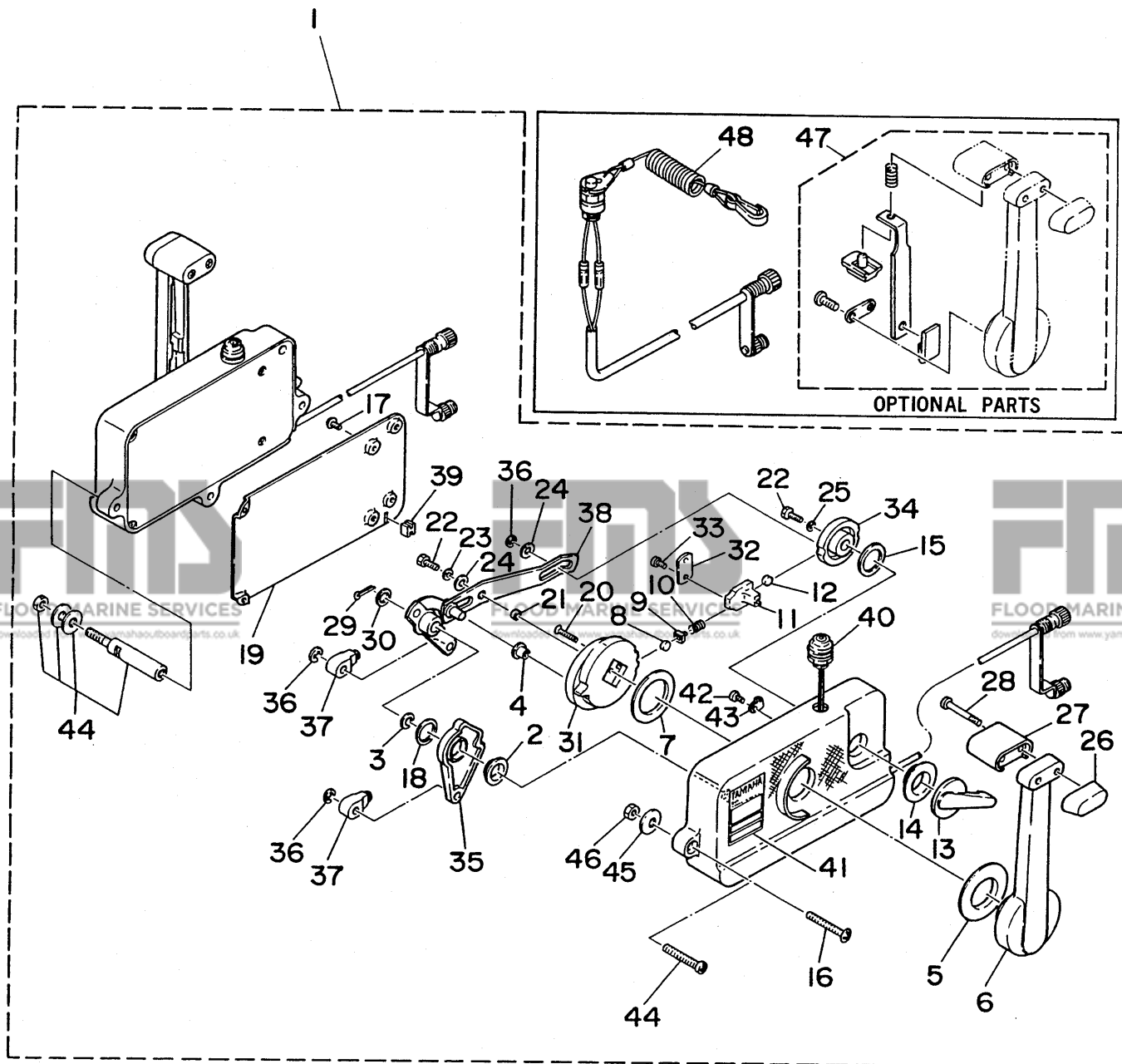


Fig. 6 REMOTE CONTROL ASSY 1 (701 TYPE)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	701-48101-10	REMOTE CONTROL ASSY 1 (Right)	1 UR	25	92990-06300	. WASHER, internal tooth	1
	701-48102-10	REMOTE CONTROL ASSY 1 (Left)	1 UR	26	701-48229-00	. GRIP, control lever 2	1
	701-48110-22	REMOTE CONTROL ASSY 2 (Twin)	1 UR	27	701-48222-00	. GRIP, control lever 1	1
2	701-48235-00	. BUSHING 2	1	28	701-48282-00	. SCREW 2 (M5x50mm)	2
3	701-48197-10	. WASHER, wave 2	1	29	701-48239-00	. SET PIN, plate	1
4	701-48252-00	. ROLLER, cam	1	30	701-48266-00	. SPACER 2	1
5	701-48234-00	. BUSHING 1	1	31	701-48232-00	. GEAR 1	1
6	701-48221-00	. LEVER, control	1	32	701-48189-11	. RETAINER	2
7	701-48196-11	. WASHER, wave 1	1	33	98580-05010	. SCREW, panhead	2
8	701-48236-00	. ROLLER, detent	1	34	701-48253-12	. SHAFT, free accel.	1
9	702-48237-00	. ADAPTOR	1	35	701-48271-00	. ARM, shift (Right)	1 UR
10	702-48238-00	. SPRING, detent	1		701-48271-10	. ARM, shift (Left)	1 UR
11	701-48249-00	. ADAPTOR, spring	1	36	93430-06024	. CIRCLIP	3
12	701-48248-00	. ROLLER, free accel.	1	37	701-48345-01	. CABLE END, remote control 2	2
13	701-48152-11	. KNOB, free accel. (Right)	1 UR	38	701-48261-00	. ARM, throttle (Right)	1 UR
	701-48152-20	. KNOB, free accel. (Left)	1 UR		701-48261-10	. ARM, throttle (Left)	1 UR
14	701-48243-00	. BUSHING 3	1	39	701-48358-00	. ANCHOR, cable 2	1
15	701-48198-10	. WASHER, wave 3	1	40	701-82550-50	. STOP SWITCH ASSY	1
16	701-48281-00	. SCREW 1	3	41	701-48126-00	. GRAPHIC	1
17	701-48289-00	. SCREW 4	4	42	701-48283-00	. SCREW 3 (M4x10mm)	1
18	701-48268-00	. SPACER 3	1	43	701-82594-00	. CLAMP	1
19	701-48213-00	. BACK PLATE	1	44	701-48291-00	. ATTACHMENT (Twin)	1
20	92780-06025	. SCREW, flathead	2	45	701-48287-00	. WASHER (Single)	3
21	701-48255-00	. COLLAR 1	1	46	95380-06600	. NUT (Single)	3
22	97395-06018	. BOLT	2			OPTIONAL PARTS	
23	702-48288-00	. WASHER, plain	1	47	701-48280-00	NEUTRAL LOCK KIT	1 AP
24	701-48246-00	. SPACER 1	2	48	701-82575-51	KILL SWITCH ASSY	1 AP

Fig. 7 REMOTE CONTROL ASSY 2 (703 PULL TO OPEN TYPE)

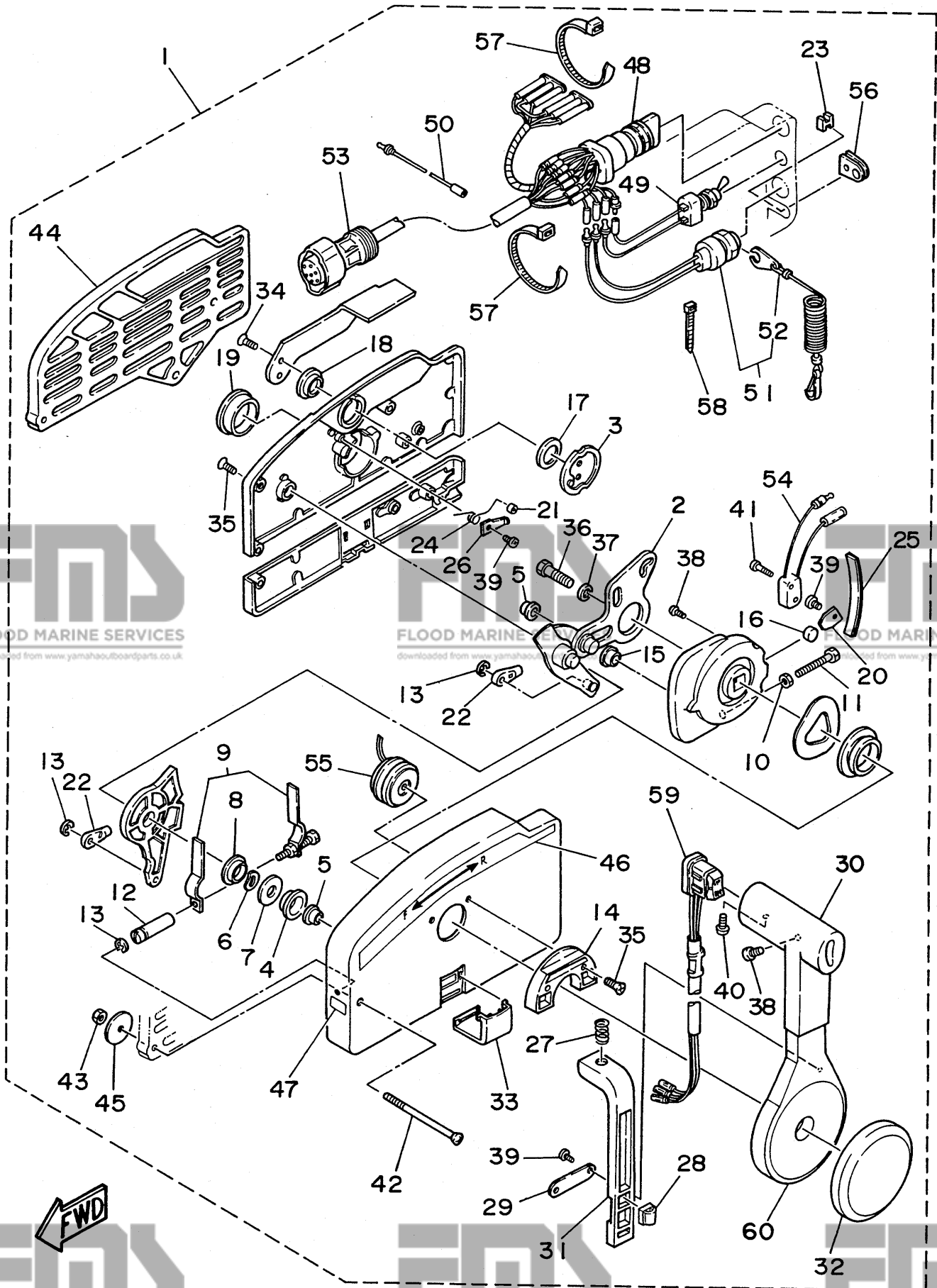


Fig. 7 REMOTE CONTROL ASSY 2 (703 PULL TO OPEN TYPE)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	703-48230-11	REMOTE CONTROL ASSY (For 7P)	1 UR	31	703-48223-00	. LOCK, neutral	1
	703-48250-11	REMOTE CONTROL ASSY (For 10P)	1 UR	32	703-48225-00	. COVER	1
	703-48220-11	REMOTE CONTROL ASSY (For 7P)		33	703-48219-00	. COVER, lead	1
		(For Twin Lever)	1 UR	34	98780-05012	. SCREW	2
	703-48280-11	REMOTE CONTROL ASSY (For 10P)		35	98780-05016	. SCREW	7
		(For Twin Lever)	1 UR	36	97380-08030	. BOLT	1
2	703-48261-10	. ARM, throttle	1	37	92990-08600	. WASHER	1
3	703-48153-00	. SHAFT, free accel.	1	38	98580-04010	. SCREW	3
4	703-48235-00	. BUSHING 2	1	39	98580-04006	. SCREW	4
5	703-48273-00	. BUSHING 5	2	40	98580-05010	. SCREW	1
6	703-48197-00	. WASHER, wave 2	1	41	98580-03015	. SCREW	2
7	703-48268-00	. SPACER 3	1	42	92680-06090	. SCREW	3
8	703-48263-00	. BUSHING 4	1	43	95380-06600	. NUT	3
9	703-48264-00	. THROTTLE, friction	1	44	703-48293-10	. SPACER, remote control	1 UR
10	95380-05600	. NUT	1		703-48293-00	. SPACER, remote control	
11	97380-05025	. BOLT	1			(For Twin Lever)	3 UR
12	703-48265-00	. SHAFT, friction	1	45	701-48287-00	. WASHER	3
13	93430-06024	. CIRCLIP	3	46	703-48215-00	. GRAPHIC	1
14	703-48245-00	. PLATE, lock	1	47	702-48217-00	. MARK 1	1
15	703-48252-00	. ROLLER, cam	1	48	703-82510-01	. MAIN SWITCH ASSY	1
16	701-48248-00	. ROLLER, free accel.	1	49	688-82574-00	. SWITCH, choke	1
17	703-48198-00	. WASHER, wave 3	1	50	703-82531-00	. WIRE, lead	1
18	703-48243-00	. BUSHING 3	1	51	688-82575-01	. KILL SWITCH ASSY	1
19	703-48236-00	. BUSHING 1	2	52	682-82556-00	. . STOPPER ASSY	1
20	703-48189-00	. RETAINER	1	53	688-82586-21	. EXTENSION, wire harness (7P)	1 UR
21	703-48234-00	. ROLLER, detent	1		688-8258A-20	. EXTENSION, wire harness (10P)	1 UR
22	703-48345-01	. CABLE END, remote control 2	2	54	703-82540-00	. NEUTRAL SWITCH ASSY	1
23	703-48358-00	. ANCHOR, cable 2	1	55	703-83383-01	. BUZZER	1
24	703-48244-00	. SPRING, free accel.	1	56	703-48284-00	. GROMMET 1	1
25	703-48238-00	. SPRING, detent	5	57	703-82591-00	. BAND	2
26	703-48246-00	. SPACER 1	1	58	703-82592-00	. BAND	1
27	703-48227-00	. SPRING, neutral lock	1	59	703-82563-01	. TRIM & TILT SWITCH ASSY	1 UR
28	703-82594-00	. CLAMP	1		703-48224-00	. COVER, control lever	
29	703-48226-00	. PLATE, stopper	1			(Without Trim & Tilt Switch)	1 UR
30	703-48222-00	. GRIP, control lever	1 UR	60	703-48221-00	. GRIP	1
	703-48222-10	. GRIP, control lever					
		(For Twin Lever)	1 UR				

Fig. 8 REMOTE CONTROL ASSY 3 (703 PUSH TO OPEN TYPE)

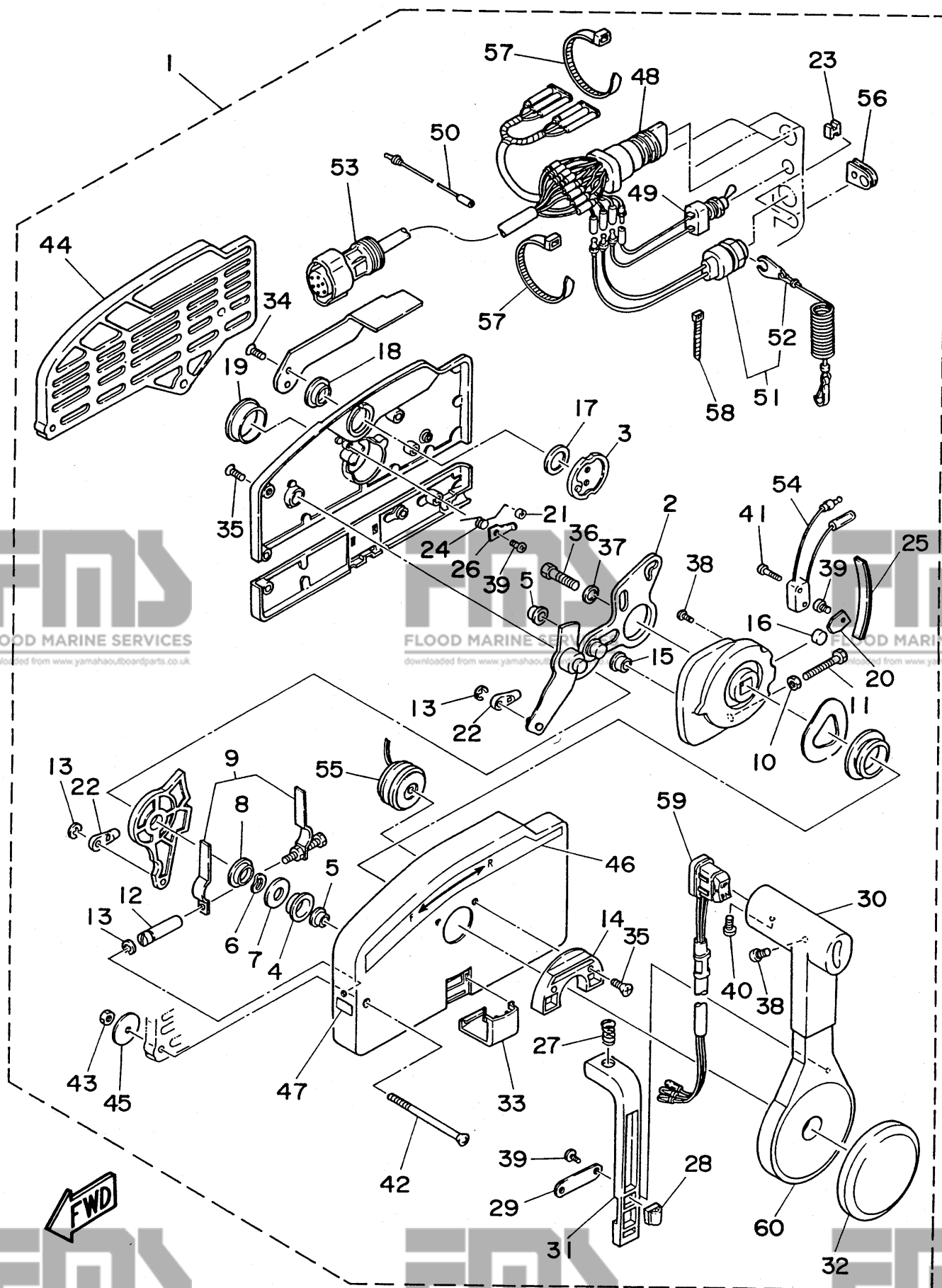
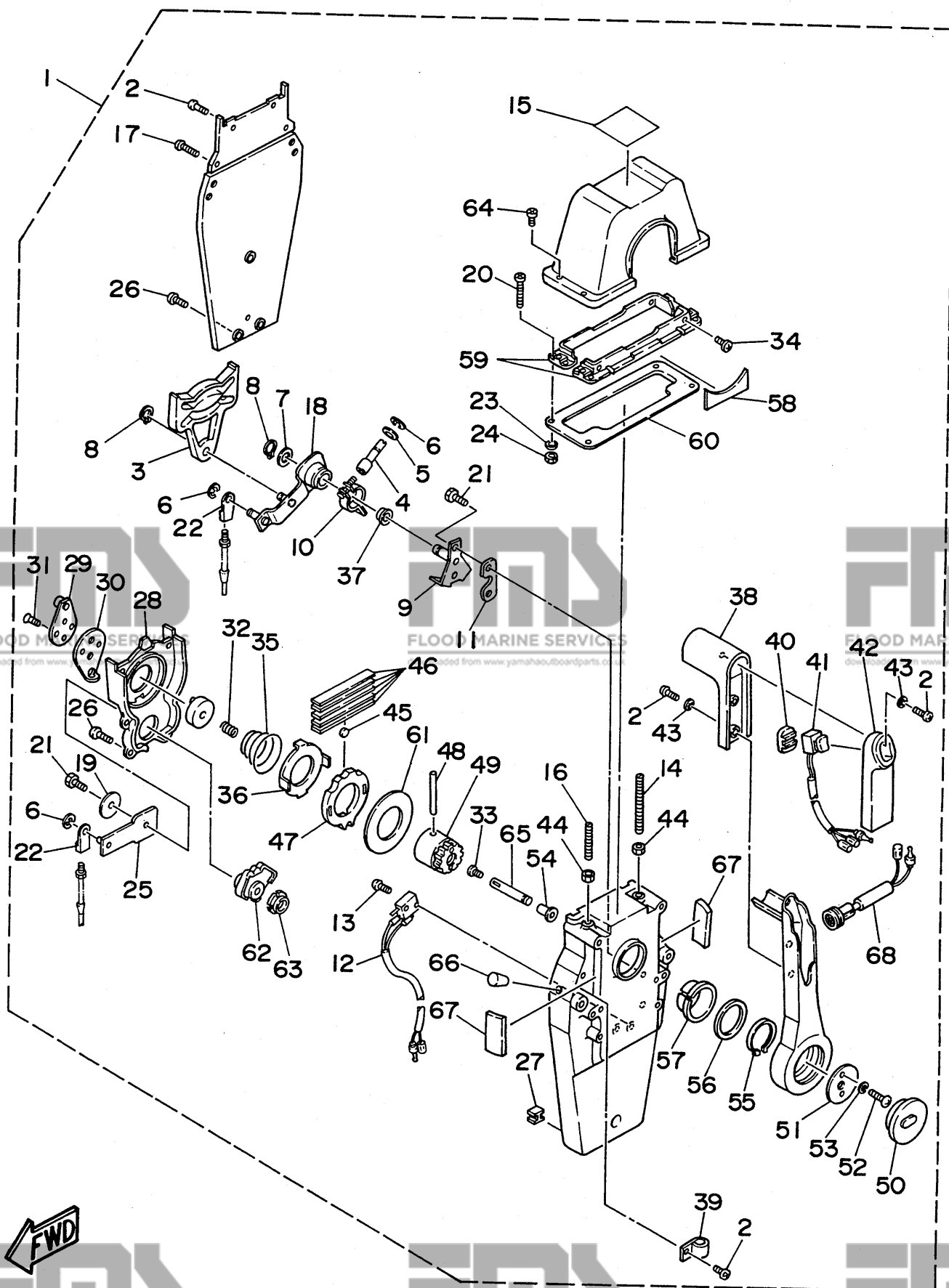


Fig. 8 REMOTE CONTROL ASSY 3 (703 PUSH TO OPEN TYPE)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	703-48203-11	REMOTE CONTROL ASSY (For 7P)	1 UR	31	703-48223-00	. LOCK, neutral	1
	703-48205-11	REMOTE CONTROL ASSY (For 10P)	1 UR	32	703-48225-00	. COVER	1
	703-48202-11	REMOTE CONTROL ASSY (For 7P)		33	703-48219-00	. COVER, lead	1
		(For Twin Lever)	1 UR	34	98780-05012	. SCREW	2
	703-48208-11	REMOTE CONTROL ASSY (For 10P)		35	98780-05016	. SCREW	7
		(For Twin Lever)	1 UR	36	97380-08030	. BOLT	1
2	703-48261-00	. ARM, throttle	1	37	92990-08600	. WASHER	1
3	703-48153-00	. SHAFT, free accel.	1	38	98580-04010	. SCREW	3
4	703-48235-00	. BUSHING 2	1	39	98580-04006	. SCREW	4
5	703-48273-00	. BUSHING 5	2	40	98580-05010	. SCREW	1
6	703-48197-00	. WASHER, wave 2	1	41	98580-03015	. SCREW	2
7	703-48268-00	. SPACER 3	1	42	92680-06090	. SCREW	3
8	703-48263-00	. BUSHING 4	1	43	95380-06600	. NUT	3
9	703-48264-00	. THROTTLE, friction	1	44	703-48293-10	. SPACER, remote control	1 UR
10	95380-05600	. NUT	1		703-48293-00	. SPACER, remote control	
11	97380-05025	. BOLT	1			(For Twin Lever)	3 UR
12	703-48265-00	. SHAFT, friction	1	45	701-48287-00	. WASHER	3
13	93430-06024	. CIRCLIP	3	46	703-48215-00	. GRAPHIC	1
14	703-48245-00	. PLATE, lock	1	47	702-48217-00	. MARK 1	1
15	703-48252-00	. ROLLER, cam	1	48	703-82510-01	. MAIN SWITCH ASSY	1
16	701-48248-00	. ROLLER, free accel.	1	49	703-82574-00	. SWITCH, choke	1
17	703-48198-00	. WASHER, wave 3	1	50	703-82531-00	. WIRE, lead	1
18	703-48243-00	. BUSHING 3	1	51	688-82575-01	. KILL SWITCH ASSY	1
19	703-48236-00	. BUSHING 1	2	52	682-82556-00	. . STOPPER ASSY	1
20	703-48189-00	. RETAINER	1	53	688-82586-21	. EXTENSION, wire harness (7P)	1 UR
21	703-48234-00	. ROLLER, detent	1		688-8258A-20	. EXTENSION, wire harness (10P)	1 UR
22	703-48345-01	. CABLE END, remote control 2	2	54	703-82540-00	. NEUTRAL SWITCH ASSY	1
23	703-48358-00	. ANCHOR, cable 2	1	55	703-83383-01	. BUZZER	1
24	703-48244-00	. SPRING, free accel.	1	56	703-48284-00	. GROMMET 1	1
25	703-48238-00	. SPRING, detent	5	57	703-82591-00	. BAND	2
26	703-48246-00	. SPACER 1	1	58	703-82592-00	. BAND	1
27	703-48227-00	. SPRING, neutral lock	1	59	703-82563-01	. TRIM & TILT SWITCH ASSY	1 UR
28	703-82594-00	. CLAMP	1		703-48224-00	. COVER, control lever	
29	703-48226-00	. PLATE, stopper	1			(Without Trim & Tilt Switch)	1 UR
30	703-48222-00	. GRIP, control lever	1 UR	60	703-48221-00	. GRIP	1
	703-48222-10	. GRIP, control lever					
		(For Twin Lever)	1 UR				

Fig. 9 REMOTE CONTROL ASSY 4 (704 SINGLE PULL TO OPEN TYPE)



FWD

Fig. 9 REMOTE CONTROL ASSY 4 (704 SINGLE PULL TO OPEN TYPE)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	704-48230-11	REMOTE CONTROL ASSY	1 UR	36	EL8-48245-00	. PLATE, lock	1
	704-48250-11	REMOTE CONTROL ASSY (With P T/T Switch)	1 UR	37	703-48263-00	. BUSHING 4	1
2	98580-05016	. SCREW 2	6	38	704-48222-00	. GRIP, control lever	1
3	EL8-48251-00	. PLATE, cam	1	39	704-82594-00	. CLAMP	1
4	704-48265-00	. SHAFT, friction	1	40	704-48228-00	. HOLDER, switch	1
5	701-48246-00	. SPACER 1	1	41	704-82563-00	. TRIM & TILT SWITCH	1
6	93430-06024	. CIRCLIP	3	42	704-48229-00	. GRIP, control lever 2	1 UR
7	92990-10600	. WASHER	1		704-48229-10	. GRIP, control lever 2 (With Trim & Tilt Switch)	1 UR
8	EL8-48259-00	. CIRCLIP	2	43	92990-05300	. WASHER	3
9	704-48262-00	. SHAFT, throttle	1	44	95380-06600	. NUT	2
10	704-48264-00	. THROTTLE, friction	1	45	701-48248-00	. ROLLER, free accel.	1
11	704-48266-00	. SPACER 2	1	46	703-48238-00	. SPRING, detent	5
12	704-82540-00	. NEUTRAL SWITCH ASSY	1	47	EL8-48232-00	. GEAR 1	1
13	6A5-48129-10	. SCREW 3	2	48	EL8-48164-00	. PIN 2	1
14	EL8-48281-00	. SCREW 1	1	49	704-48242-00	. SHAFT, drive	1
15	704-48215-00	. GRAPHIC	1	50	704-48225-00	. COVER	1
16	704-48281-00	. SCREW 1	1	51	704-48192-00	. WASHER 2	1
17	98580-05525	. SCREW	2	52	97890-06018	. SCREW	2
18	704-48261-00	. ARM, throttle	1	53	92990-06300	. WASHER	2
19	EL8-48191-00	. WASHER 1	1	54	702-48263-00	. BUSHING 4	1
20	704-48283-00	. SCREW 3	4	55	EL8-48279-00	. CIRCLIP 2	1
21	97395-06018	. BOLT	3	56	704-48193-00	. WASHER 3	1
22	703-48345-01	. CABLE END, remote control 2	2	57	EL8-48234-00	. BUSH 1	1
23	704-48287-00	. WASHER 1	4	58	704-48219-00	. COVER, lead	1
24	95380-05600	. NUT	4	59	704-48144-00	. PLATE, stopper 2	2
25	EL8-48271-00	. ARM, shift	1	60	704-48176-00	. GROMMET	1
26	EL8-48127-00	. SCREW 1	9	61	703-48192-00	. WASHER 2	1
27	703-48358-00	. ANCHOR, cable	1	62	EL8-48233-00	. GEAR 2	1
28	EL8-48231-00	. HOUSING, gear	1	63	702-48235-00	. BUSHING 2	1
29	EL8-48241-00	. ARM, drive	1	64	704-48282-00	. SCREW 2	4
30	EL8-48254-00	. STOPPER, throttle adjust	1	65	EL8-48153-10	. SHAFT, free accel.	1
31	92780-06020	. SCREW	2	66	704-48166-00	. PLUG	1
32	EL8-48158-00	. SPRING 1	1	67	704-48284-00	. GROMMET	2
33	98580-04006	. SCREW	1	68	704-82541-00	. EXTENSION, wire lead	1 UR
34	98780-05018	. SCREW	4		704-82541-10	. EXTENSION, wire lead (With Trim & Tilt Switch)	1 UR
35	EL8-48244-00	. SPRING, free accel.	1				

Fig. 10 REMOTE CONTROL ASSY 5 (704 TWIN PULL TO OPEN TYPE)

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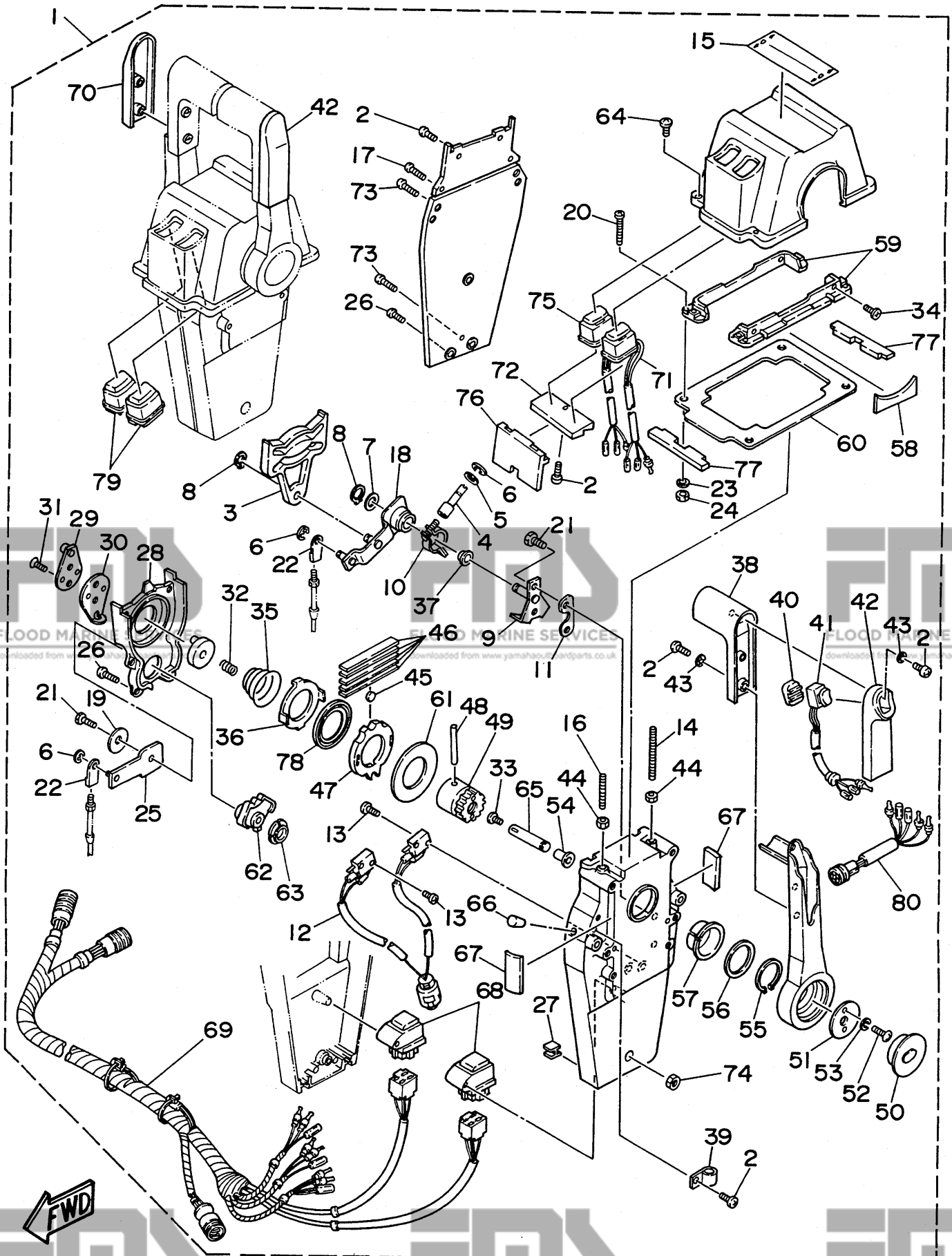


Fig. 10 REMOTE CONTROL ASSY 5 (704 TWIN PULL TO OPEN TYPE)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	704-48220-11	REMOTE CONTROL ASSY	1 UR	42	704-48229-00	. GRIP, control lever 2	1 UR
	704-48280-11	REMOTE CONTROL ASSY (With P T/T Switch)	1 UR		704-48229-10	. GRIP, control lever 2 (With Trim & Tilt Switch)	1 UR
2	98580-05016	. SCREW 2	12	43	92990-05300	. WASHER	6
3	EL8-48251-00	. PLATE, cam	2	44	95380-06600	. NUT	4
4	704-48265-00	. SHAFT, friction	2	45	701-48248-00	. ROLLER, free accel.	2
5	701-48246-00	. SPACER 1	2	46	703-48328-00	. SPRING, detent	10
6	93430-06024	. CIRCLIP	8	47	EL8-48232-00	. GEAR 1	2
7	92990-10600	. WASHER	2	48	EL8-48164-00	. PIN 2	2
8	EL8-48259-00	. CIRCLIP	4	49	704-48242-00	. SHAFT, drive	2
9	704-48262-00	. SHAFT, throttle	2	50	704-48225-00	. COVER	2
10	704-48264-00	. THROTTLE, friction	2	51	704-48192-00	. WASHER 2	2
11	704-48266-00	. SPACER 2	2	52	97890-06018	. SCREW	4
12	704-82540-10	. NEUTRAL SWITCH ASSY	1	53	92990-06300	. WASHER	4
13	6A5-48129-10	. SCREW 3	4	54	702-48263-00	. BUSHING 4	2
14	EL8-48281-00	. SCREW 1	2	55	EL8-48279-00	. CIRCLIP 2	2
15	704-48215-10	. GRAPHIC	1	56	704-48193-00	. WASHER 3	2
16	704-48281-00	. SCREW 1	2	57	EL8-48234-00	. BUSHING 1	2
17	98580-05525	. SCREW	4	58	704-48219-00	. COVER, lead	2
18	704-48261-00	. ARM, throttle	2	59	704-48114-00	. PLATE, stopper 2	2
19	EL8-48191-00	. WASHER 1	2	60	704-48176-10	. GROMMET	1
20	704-48283-00	. SCREW 3	4	61	703-48192-00	. WASHER 2	2
21	97395-06018	. BOLT	6	62	EL8-48233-00	. GEAR 2	2
22	703-48345-01	. CABLE END, remote control 2	4	63	702-48235-00	. BUSHING 2	2
23	704-48287-00	. WASHER 1	4	64	704-48282-00	. SCREW 2	4
24	95380-05600	. NUT	4	65	EL8-48153-10	. SHAFT, free accel.	2
25	EL8-48271-00	. ARM, shift	2	66	704-48166-00	. PLUG	2
26	EL8-48127-00	. SCREW 1	16	67	704-48284-00	. GROMMET	4
27	703-48358-00	. ANCHOR, cable	2	68	704-81950-00	. RELAY ASSY	2
28	EL8-48231-00	. HOUSING, gear	2	69	704-82590-10	. WIRE HARNESS ASSY	1
29	EL8-48241-00	. ARM, drive	2	70	704-48229-10	. GRIP, control lever	1
30	EL8-24254-00	. STOPPER, throttle adjust	2	71	704-82563-10	. TRIM & TILT SWITCH 8	1
31	92780-06020	. SCREW	4	72	704-48228-10	. HOLDER, switch	1
32	EL8-48158-00	. SPRING 1	2	73	704-48128-00	. SCREW 2	3
33	98580-04006	. SCREW	2	74	704-82156-00	. NUT 1	1
34	98780-05018	. SCREW	4	75	704-82563-20	. TRIM & TILT SWITCH	1
35	EL8-48244-00	. SPRING, free accel.	2	76	704-48285-00	. GROMMET 2	1
36	EL8-48245-00	. PLATE, lock	2	77	704-48286-00	. GROMMET 3	2
37	703-48263-00	. BUSHING 4	2	78	704-48178-00	. PLATE, shaft	2
38	704-48222-00	. GRIP, control lever	2	79	704-48224-00	. COVER	2
39	704-82594-00	. CLAMP	2	80	704-82541-00	. EXTENSION, wire lead	1 UR
40	704-48228-00	. HOLDER, switch	1		704-82541-10	. EXTENSION, wire lead (With Trim & Tilt Switch)	1 UR
41	704-82563-30	. TRIM & TILT ASSY	1				

Fig. 11 REMOTE CONTROL ASSY 6 (704 SINGLE PUSH TO OPEN TYPE)

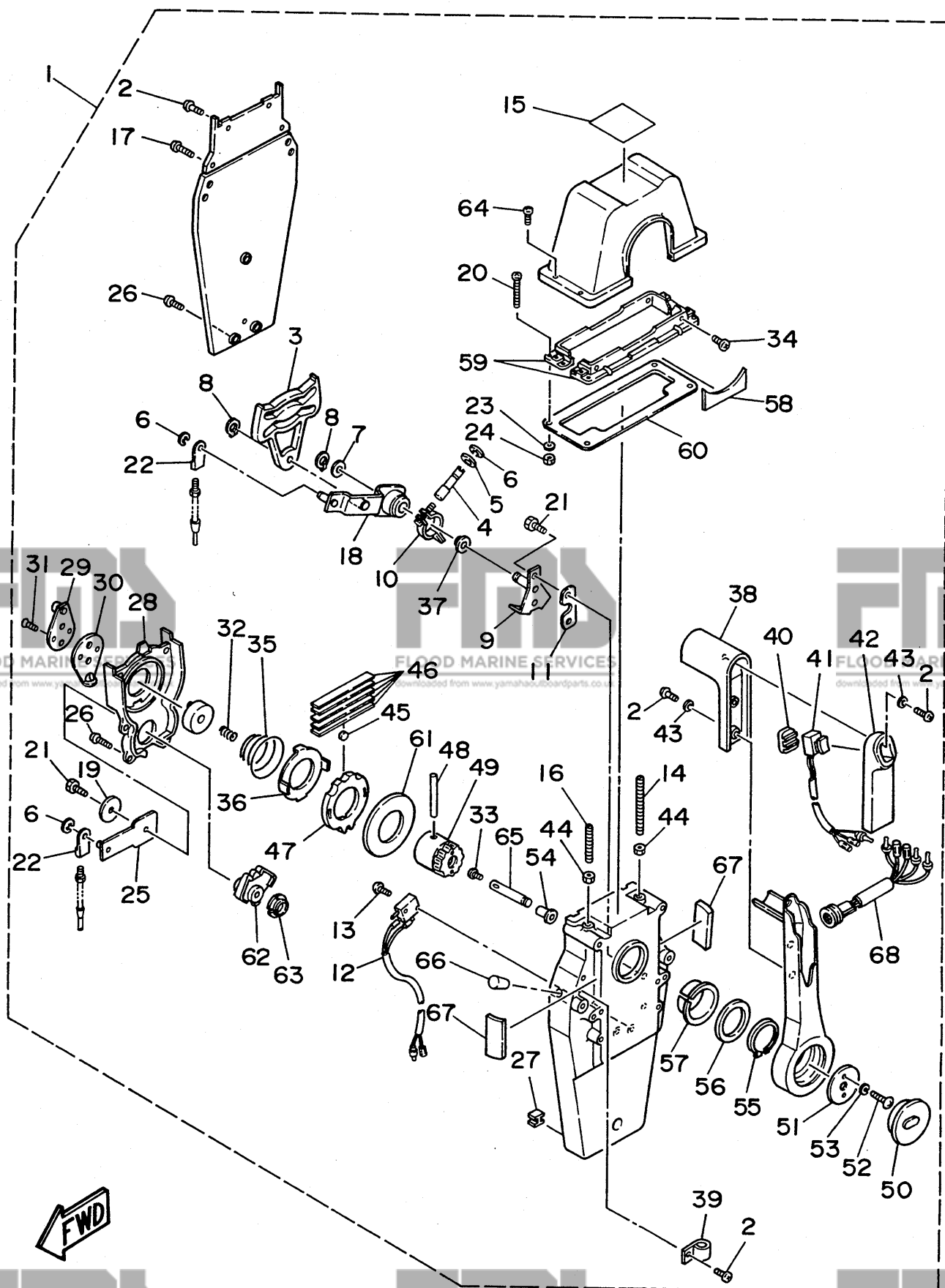


Fig. 11 REMOTE CONTROL ASSY 6 (704 SINGLE PUSH TO OPEN TYPE)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	704-48205-11	REMOTE CONTROL ASSY	1	35	EL8-48244-00	. SPRING, free accel.	1
2	98580-05016	. SCREW 2	6	36	EL8-48245-00	. PLATE, lock	1
3	EL8-48251-00	. PLATE, cam	1	37	703-48263-00	. BUSHING 4	1
4	704-48265-00	. SHAFT, friction	1	38	704-48222-00	. GRIP, control lever	1
5	701-48246-00	. SPACER 1	1	39	704-82594-00	. CLAMP	1
6	93430-06024	. CIRCLIP	3	40	704-48228-00	. HOLDER, switch	1
7	92990-10600	. WASHER	1	41	704-82563-00	. TRIM & TILT SWITCH	1
8	EL8-48259-00	. CIRCLIP	2	42	704-48229-00	. GRIP, control lever 2	1
9	704-48262-00	. SHAFT, throttle	1	43	92990-05300	. WASHER	3
10	704-48264-00	. THROTTLE, friction	1	44	95380-06600	. NUT	2
11	704-48266-00	. SPACER 2	1	45	701-48248-00	. ROLLER, free accel.	1
12	704-82540-00	. NEUTRAL SWITCH ASSY	1	46	703-48238-00	. SPRING, detent	5
13	6A5-48129-10	. SCREW 3	2	47	EL8-48232-00	. GEAR 1	1
14	EL8-48281-00	. SCREW 1	1	48	EL8-48164-00	. PIN 2	1
15	704-48215-00	. GRAPHIC	1	49	704-48242-00	. SHAFT, drive	1
16	704-48281-00	. SCREW 1	1	50	704-48225-00	. COVER	1
17	98580-05525	. SCREW	2	51	704-48192-00	. WASHER 2	1
18	704-48261-00	. ARM, throttle	1	52	97890-06018	. SCREW	2
19	EL8-48191-00	. WASHER 1	1	53	92990-06300	. WASHER	2
20	704-48283-00	. SCREW 3	4	54	702-48263-00	. BUSHING 4	1
21	97395-06018	. BOLT	3	55	EL8-48279-00	. CIRCLIP 2	1
22	703-48345-01	. CABLE END, remote control 2	2	56	704-48193-00	. WASHER 3	1
23	704-48287-00	. WASHER 1	4	57	EL8-48234-00	. BUSH 1	1
24	95380-05600	. NUT	4	58	704-48219-00	. COVER, lead	1
25	EL8-48271-00	. ARM, shift	1	59	704-48144-00	. PLATE, stopper 2	2
26	EL8-48127-00	. SCREW 1	9	60	704-48176-00	. GROMMET	1
27	703-48358-00	. ANCHOR, cable	1	61	703-48192-00	. WASHER 2	1
28	EL8-48231-00	. HOUSING, gear	1	62	EL8-48233-00	. GEAR 2	1
29	EL8-48241-00	. ARM, drive	1	63	702-48235-00	. BUSHING 2	1
30	EL8-48254-00	. STOPPER, throttle adjust	1	64	704-48282-00	. SCREW 2	4
31	92780-06020	. SCREW	2	65	EL8-48153-10	. SHAFT, free accel.	1
32	EL8-48158-00	. SPRING 1	1	66	704-48166-00	. PLUG	1
33	98580-04006	. SCREW	1	67	704-48284-00	. GROMMET	2
34	98780-05018	. SCREW	4	68	704-82541-10	. EXTENSION, wire lead	1

Fig. 12 REMOTE CONTROL ASSY 7 (704 TWIN PUSH TO OPEN TYPE)

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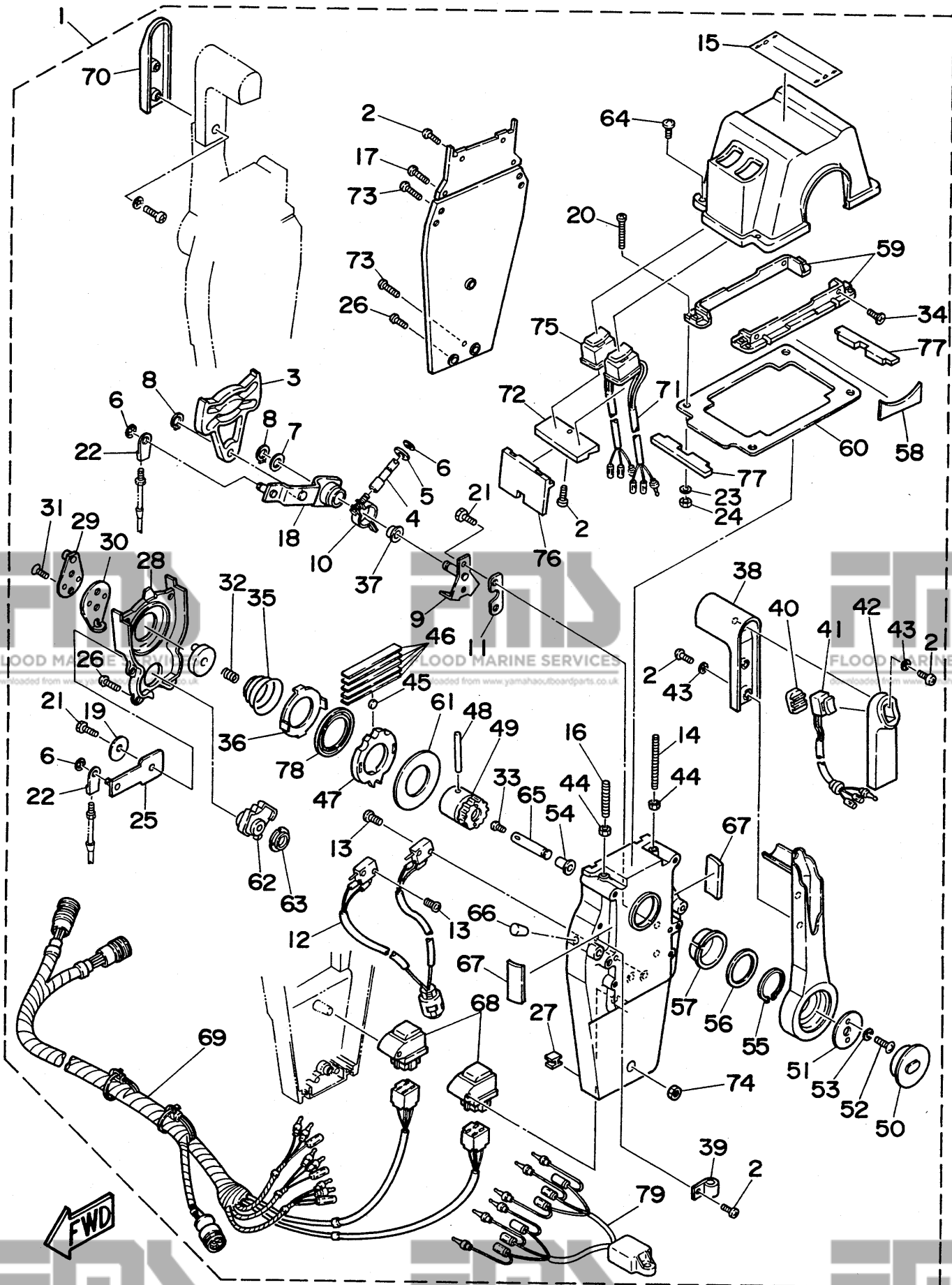


Fig. 12 REMOTE CONTROL ASSY 7 (704 TWIN PUSH TO OPEN TYPE)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	704-48207-30	REMOTE CONTROL ASSY	1	41	704-82563-30	. TRIM & TILT SWITCH	1
2	98580-05016	. SCREW 2	12	42	704-48229-00	. GRIP, control lever	1
3	EL8-48251-00	. PLATE, cam	2	43	92990-05300	. WASHER	6
4	704-48265-00	. SHAFT, friction	2	44	95380-06600	. NUT	4
5	701-48246-00	. SPACER 1	2	45	701-48248-00	. ROLLER, free accel.	2
6	93430-06024	. CIRCLIP	8	46	703-48238-00	. SPRING, detent	10
7	92990-10600	. WASHER	2	47	EL8-48232-00	. GEAR 1	2
8	EL8-48259-00	. CIRCLIP	4	48	EL8-48164-00	. PIN 2	2
9	704-48262-00	. SHAFT, throttle	2	49	704-48242-00	. SHAFT, drive	2
10	704-48264-00	. THROTTLE, friction	2	50	704-48225-00	. COVER	2
11	704-48266-00	. SPACER 2	2	51	704-48192-00	. WASHER 2	2
12	704-82540-10	. NEUTRAL SWITCH ASSY	1	52	97890-06018	. SCREW	4
13	6A5-48129-10	. SCREW 3	4	53	92990-06300	. WASHER	4
14	EL8-48281-00	. SCREW 1	2	54	702-48263-00	. BUSHING	2
15	704-48215-10	. GRAPHIC	1	55	EL8-48279-00	. CIRCLIP 2	2
16	704-48281-00	. SCREW 1	2	56	704-48193-00	. WASHER 3	2
17	98580-05525	. SCREW	4	57	EL8-48234-00	. BUSHING 1	2
18	704-48261-00	. ARM, throttle	2	58	704-48219-00	. COVER, lead	2
19	EL8-48191-00	. WASHER 1	2	59	704-48144-00	. PLATE, stopper 2	2
20	704-48283-00	. SCREW 3	4	60	704-48176-10	. GROMMET	1
21	97395-06018	. BOLT	6	61	703-48192-00	. WASHER 2	2
22	703-48345-01	. CABLE END, remote control 2	4	62	EL8-48233-00	. GEAR 2	2
23	704-48287-00	. WASHER 1	4	63	702-48235-00	. BUSHING 2	2
24	95380-05600	. NUT	4	64	704-48282-00	. SCREW 2	4
25	EL8-48271-00	. ARM, shift	2	65	EL8-48153-10	. SHAFT, free accel.	2
26	EL8-48127-00	. SCREW 1	16	66	704-48166-00	. PLUG	2
27	703-48358-00	. ANCHOR, cable	2	67	704-48284-00	. GROMMET	4
28	EL8-48231-00	. HOUSING, gear	2	68	704-81950-00	. RELAY ASSY	2
29	EL8-48241-00	. ARM, drive	2	69	704-82590-10	. WIRE HARNESS ASSY	1
30	EL8-48254-00	. STOPPER, throttle adjust	2	70	704-48229-10	. GRIP, control lever	1
31	92780-06020	. SCREW	4	71	704-82563-10	. TRIM & TILT SWITCH 8	1
32	EL8-48158-00	. SPRING 1	2	72	704-48228-10	. HOLDER, switch	1
33	98580-04006	. SCREW	2	73	704-48128-00	. SCREW 2	3
34	98780-05018	. SCREW	4	74	704-48156-00	. NUT 1	1
35	EL8-48244-00	. SPRING, free accel.	2	75	704-82563-20	. TRIM & TILT SWITCH	1
36	EL8-48245-00	. PLATE, lock	2	76	704-48285-00	. GROMMET 2	1
37	703-48263-00	. BUSHING	2	77	704-48286-00	. GROMMET 3	2
38	704-48222-00	. GRIP, control lever	2	78	704-48178-00	. PLATE, shaft	2
39	704-82594-00	. CLAMP	2	79	704-87107-00	. CONDENSER ASSY	1
40	704-48228-00	. HOLDER, switch	1				

Fig. 13 METER

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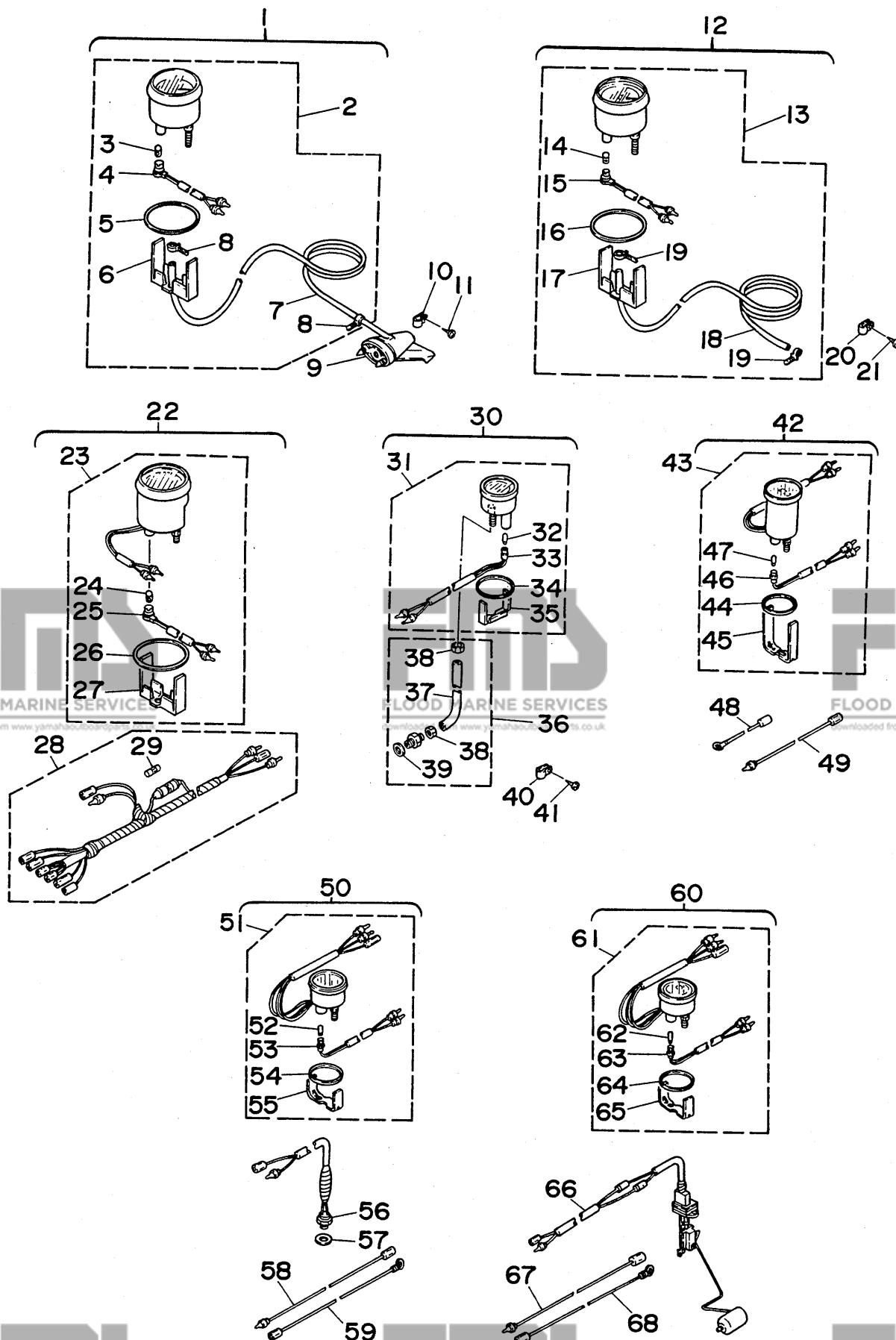


Fig. 13 METER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
SPEEDOMETER				34	688-83664-00	. . DAMPER	1
1	6Y5-W0081-40	SPEEDOMETER KIT (With Speed Sender)	1	35	688-83665-00	. . PLATE, fitting	1
2	6Y5-83510-30	. . SPEEDOMETER ASSY	1	36	688-83667-00	. . SENDER	1
3	688-83516-00	. . BULB (12V-1.7W)	1	37	688-83666-00	. . TUBE	1
4	688-83536-00	. . SOCKET, meter	1	38	663-83668-00	. . NUT, nipple	2
5	6Y5-83523-00	. . DAMPER	1	39	90430-14115	. . GASKET	1
6	6Y5-83514-00	. . PLATE, fitting	1	40	90601-31402	. . CLIP, nylon 14	5
7	688-83557-00	. . TUBE	1	41	97780-40116	. . SCREW, panhead tapping	5
8	90465-11M10	. . CLAMP	2	 HOUR METER			
9	688-83556-01	. . SENDER	1	42	6Y5-W0088-31	HOUR METER KIT	1
10	90601-31402	. . CLIP, nylon 14	5	43	6Y5-83504-01	. . HOUR METER ASSY	1
11	97780-40116	. . SCREW, panhead tapping	5	44	688-83664-00	. . DAMPER	1
SPEEDOMETER				45	688-83577-00	. . PLATE, fitting	1
12	6Y5-W0081-30	SPEEDOMETER KIT	1	46	6Y5-83536-00	. . SOCKET, meter	1
13	6Y5-83510-30	. . SPEEDOMETER ASSY	1	47	6Y5-83518-00	. . BULB (12V-1.7W)	1
14	688-83516-00	. . BULB (12V-1.7W)	1	48	663-83553-A0	. . WIRE, lead	1
15	688-83536-00	. . SOCKET, meter	1	49	663-83553-Y0	. . WIRE, lead (Yellow)	1
16	6Y5-83523-00	. . DAMPER	1	 WATER TEMPERATURE METER			
17	6Y5-83514-00	. . PLATE, fitting	1	50	6Y5-W0088-10	WATER TEMP. METER KIT	1
18	688-83557-00	. . TUBE	2	51	6Y5-83590-00	. . WATER TEMP. GAUGE	1
19	90465-11M10	. . CLAMP	2	52	6Y5-83518-00	. . BULB (12V-1.7W)	1
20	90601-31402	. . CLIP, nylon 14	5	53	6Y5-83536-00	. . SOCKET, meter	1
21	97780-40116	. . SCREW, panhead tapping	5	54	688-83664-00	. . DAMPER	1
TACHOMETER				55	688-83665-00	. . PLATE, fitting	1
22	6Y5-W0080-11	TACHOMETER KIT	1	56	688-83591-00	. . THERMO UNIT	1
23	6Y5-83540-12	. . TACHOMETER ASSY	1	57	90430-14115	. . GASKET	1
24	688-83516-00	. . BULB (12V-1.7W)	1	58	663-83553-Y0	. . WIRE, lead (Yellow)	1
25	688-83536-00	. . SOCKET, meter	1	59	663-83553-A0	. . WIRE, lead	1
26	6Y5-83523-00	. . DAMPER	1	 FUEL METER			
27	6Y5-83514-00	. . PLATE, fitting	1	60	6Y5-W0088-20	FUEL METER KIT	1
28	6Y5-83553-00	. . WIRE, lead	1	61	6Y5-85750-00	. . FUEL GAUGE	1
29	1E6-82151-00	. . FUSE (6V-10A)	1	62	6Y5-83518-00	. . BULB (12V-1.7W)	1
 WATER PRESSURE METER				63	6Y5-83536-00	. . SOCKET, meter	1
30	6Y5-W0088-00	WATER PRESSURE METER KIT	1	64	688-83664-00	. . DAMPER	1
31	6Y5-83660-00	. . WATER PRESSURE GAUGE	1	65	688-85756-00	. . PLATE, fitting	1
32	6Y5-83518-00	. . BULB (12V-1.7W)	1	66	688-85752-01	. . FUEL SENDER	1
33	6Y5-83536-00	. . SOCKET, meter	1	67	663-83553-Y0	. . WIRE, lead (Yellow)	1
				68	663-83553-A0	. . WIRE, lead	1

Fig. 14 OPTIONAL PARTS I

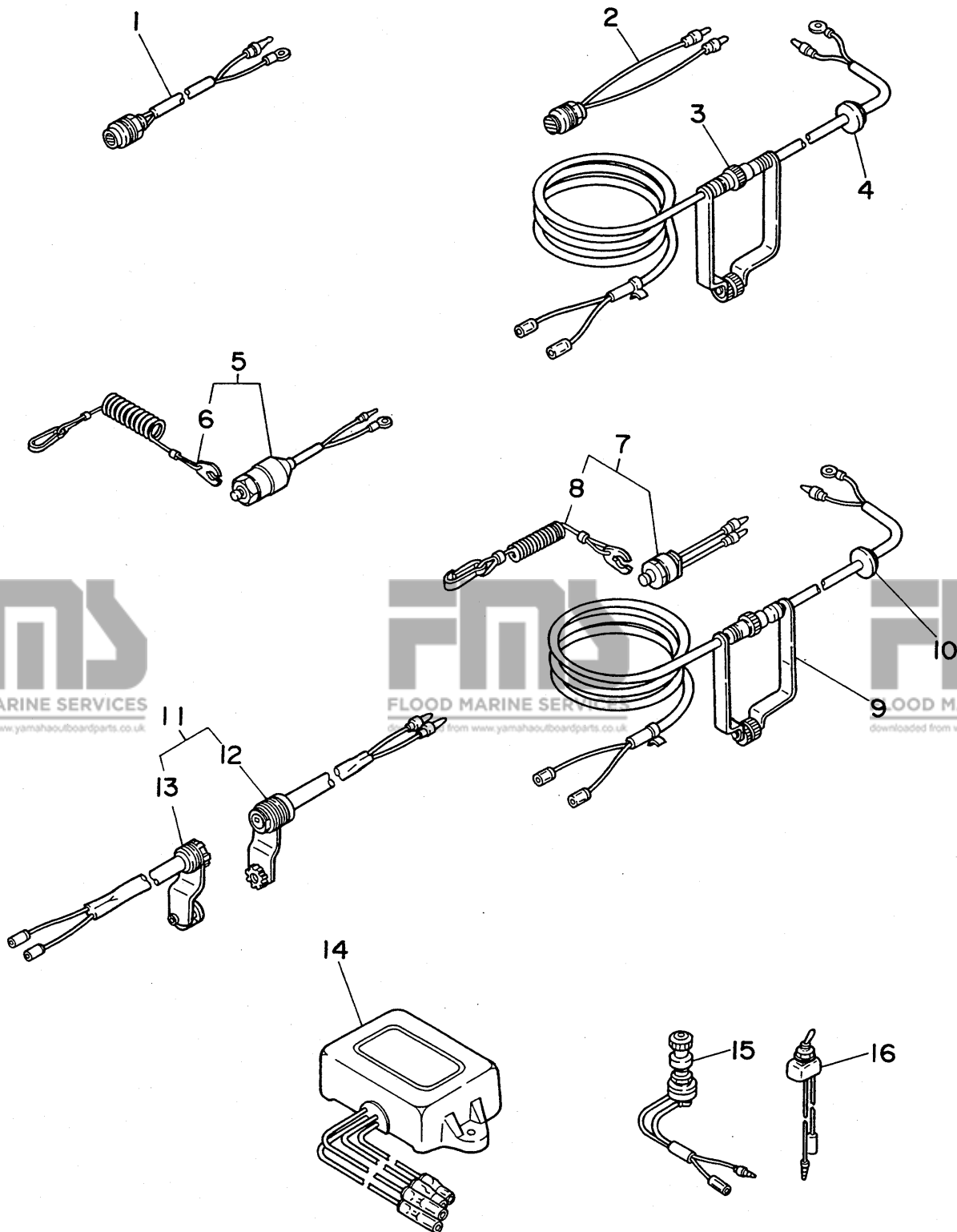


Fig. 14 OPTIONAL PARTS 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
		STOP SWITCH		8	682-82556-00	. STOPPER ASSY	1
1	689-82550-01	STOP SWITCH ASSY (For 25J thru 50D Model)	1	9	689-82553-20	EXTENSION, wire lead (5m) (25J/30D Model)	1 UR
		STOP SWITCH (5m) (25J thru 50D MODEL)			6A0-82553-20	EXTENSION, wire lead (5m) (40H/50D Model)	1 UR
2	689-82550-11	STOP SWITCH ASSY	1	10	689-42725-40	GROMMET 2 (25J/30D Model)	1 UR
3	689-82553-20	EXTENSION, wire lead (5m) (25J/30D Model)	1 UR		676-42726-00	GROMMET 4 (40H/50D Model)	1 UR
	6A0-82553-20	EXTENSION, wire lead (5m) (40H/50D Model)	1 UR			CONCENT 2P (25J/30D MODEL)	
4	689-42725-40	GROMMET 2 (25J/30D Model)	1 UR	11	682-84380-00	CONCENT 2P ASSY	1
	676-42726-00	GROMMET 4 (40H/50D Model)	1 UR	12	682-84381-00	. 2P CONCENT 1	1
		KILL SWITCH		13	682-84382-00	. 2P CONCENT 2	1
5	701-82575-51	KILL SWITCH ASSY (701 Remo-Con Box)	1			VOLTAGE REGULATOR (25J thru 50D MODEL)	
6	682-82556-00	. STOPPER ASSY	1	14	663-81910-10	VOLTAGE REGULATOR ASSY	1
		KILL SWITCH (5m) (25J thru 50D MODEL)				LAMP SWITCH (25J thru 90A MODEL)	
7	689-82575-12	KILL SWITCH	1	15	688-82520-00	LAMP SWITCH ASSY	1 UR
				16	688-82526-00	SWITCH, lamp	1 UR

Fig. 15 OPTIONAL PARTS 2

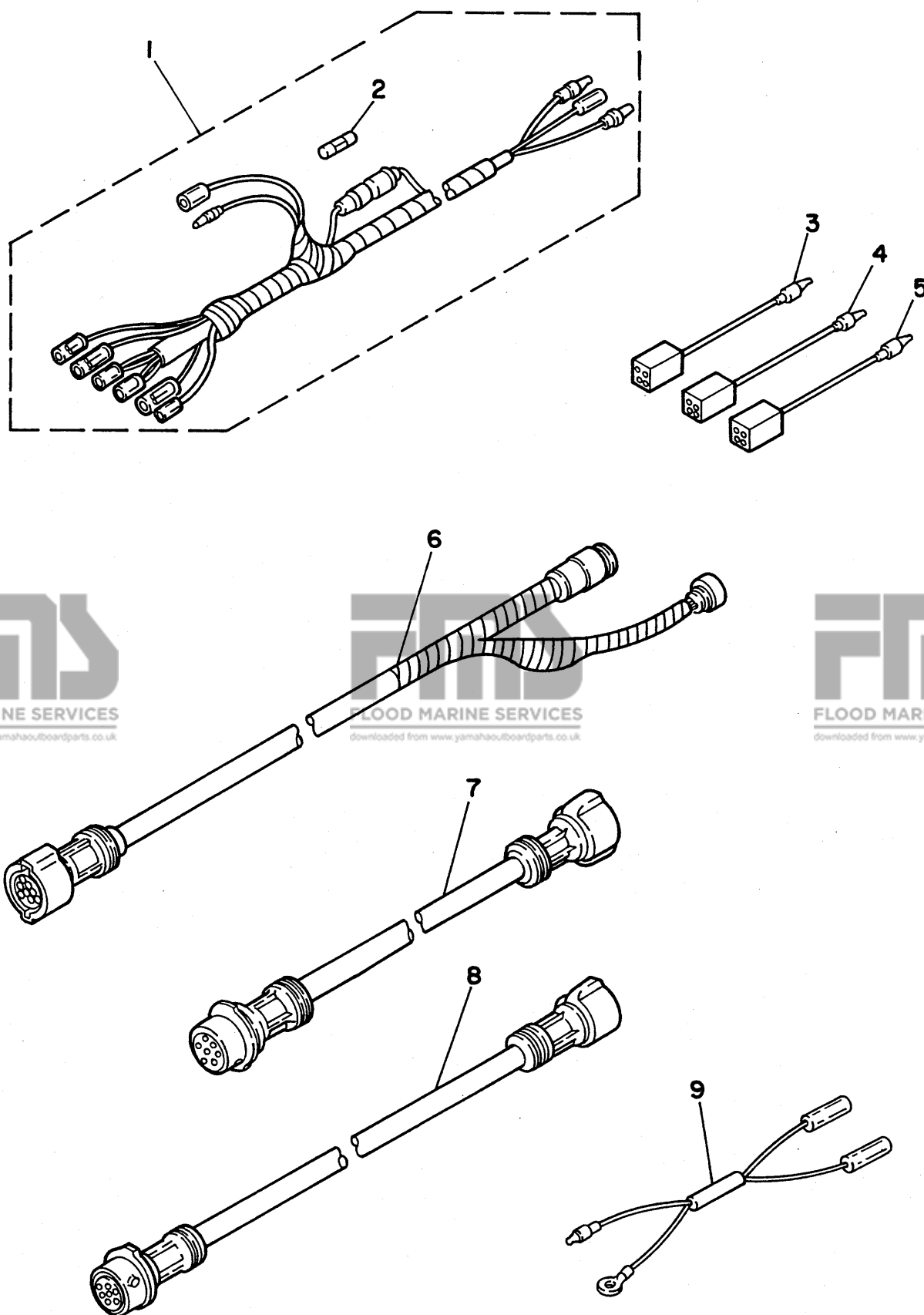


Fig. 15 OPTIONAL PARTS 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6Y5-83553-00	WIRE, lead (For Meter)	1	7	688-82586-11	EXTENSION, wire harness (2m) (7P Concent)	1 UR
2	1E6-82151-00	. FUSE (6V-10A)	1		688-8258A-10	EXTENSION, wire harness (2m) (10P Concent)	1 UR
3	6Y5-82149-00	WIRE, lead (Blue)	1 UR	8	688-82586-31	EXTENSION, wire harness (3m) (7P Concent)	1 UR
4	6Y5-82117-00	WIRE, lead (Black)	1 UR		688-8258A-30	EXTENSION, wire harness (3m) (10P Concent)	1 UR
5	6Y5-82521-00	WIRE, lead (Yellow)	1 UR	9	689-82521-00	WIRE, lead (For remote control box with stop switch)	1
6	688-82586-50	EXTENSION, wire harness (5m) (For Main Switch 7P Concent)	1 UR				
	688-8258A-50	EXTENSION, wire harness (5m) (For Main Switch 10P Concent)	1 UR				

Fig. 16 OPTIONAL PARTS 3

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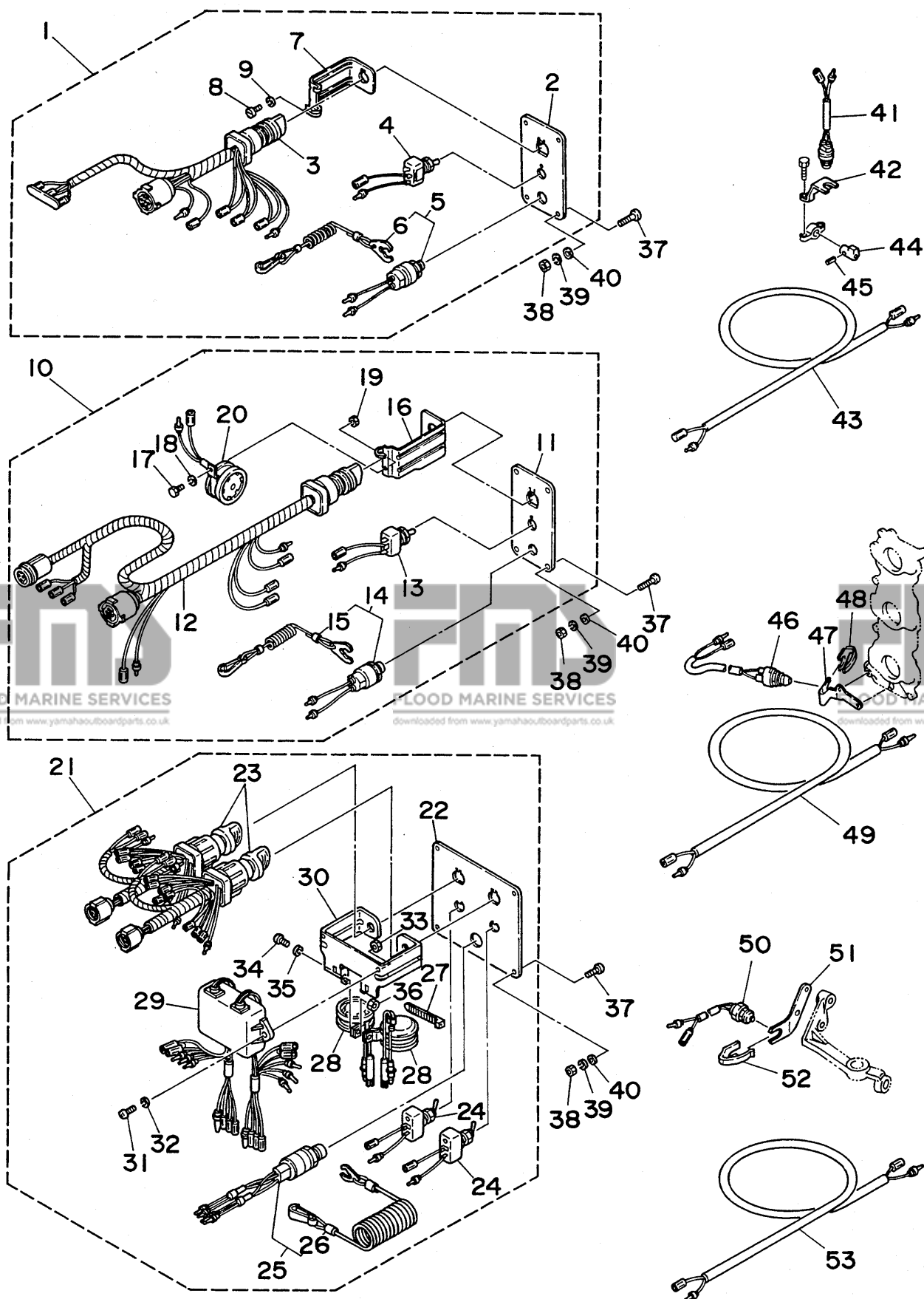


Fig. 16 OPTIONAL PARTS 3

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
SWITCH PANEL (30D thru 50D MODEL)				29	6K1-85830-01	. CONTROL UNIT ASSY	1
1	689-82570-15	SWITCH PANEL ASSY	1 UR	30	6K1-83614-00	. BRACKET	1
2	689-82571-02	. SWITCH PANEL	1	31	92580-06020	. SCREW	2
3	689-82510-00	. MAIN SWITCH ASSY	1	32	92990-06100	. WASHER	2
4	688-82574-00	. SWITCH, choke	1	33	95380-06600	. NUT	2
5	688-82575-01	. KILL SWITCH ASSY	1	34	98580-05010	. SCREW	2
6	682-82556-00	. . STOPPER ASSY	1	35	92990-05100	. WASHER	2
7	663-82581-01	. STAY, cord clamp	1	36	95380-05600	. NUT	2
8	98303-04008	. SCREW, cylinderhead	1	37	90149-05M05	SCREW, bind	4
9	92901-04100	. WASHER	1	38	95380-05600	NUT	4
10	704-82570-01	SWITCH PANEL ASSY	1 UR	39	92990-05100	WASHER	4
11	689-82571-02	. SWITCH PANEL	1	40	92990-05600	WASHER	4
12	704-82510-01	. MAIN SWITCH ASSY	1	NEUTRAL SWITCH (40H/50D MODEL)			
13	703-82574-00	. SWITCH, choke	1	41	6F5-82540-00	NEUTRAL SWITCH ASSY	1
14	688-82575-01	. KILL SWITCH ASSY	1	42	6H4-82554-00	STAY, neutral switch	1
15	682-82556-00	. . STOPPER ASSY	1	43	6H4-82553-00	EXTENSION, wire lead	1
16	704-82581-00	. STAY, cord clamp	1	44	6H4-44173-00	LEVER, shift control	1
17	97303-05012	. BOLT	1	45	91690-30020	PIN, spring	1
18	92990-05100	. WASHER	1	NEUTRAL SWITCH (60F/70B MODEL)			
19	95303-05700	. NUT	1	46	6H3-82540-00	NEUTRAL SWITCH ASSY	1
20	688-83383-11	. BUZZER	1	47	6H3-82554-00	STAY, neutral switch	1
21	6K1-82570-01	SWITCH PANEL ASSY (DUAL TYPE)	1 UR	48	663-82555-01	PLATE	1
22	6K1-82571-00	. SWITCH PANEL	1	49	688-82541-10	WIRE, lead	1
23	6K1-82510-01	. MAIN SWITCH ASSY	2	NEUTRAL SWITCH (80A/90A MODEL)			
24	703-82574-00	. SWITCH, choke	2	50	688-82540-11	NEUTRAL SWITCH ASSY	1
25	6K1-82575-00	. KILL SWITCH ASSY	1	51	663-82554-01	STAY, neutral switch	1
26	682-82556-00	. . STOPPER ASSY	1	52	663-82555-01	PLATE	1
27	704-82581-00	. CLAMP	2	53	688-82541-10	WIRE, lead	1
28	688-83383-11	. BUZZER	2				

Fig. 17 OPTIONAL PARTS 4

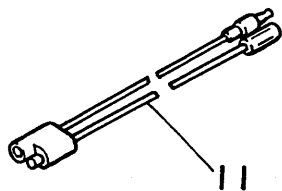
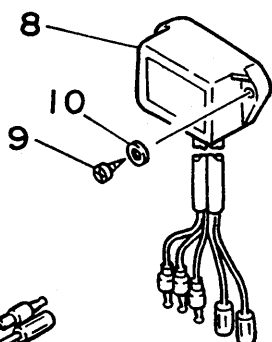
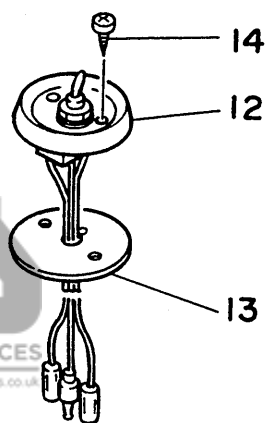
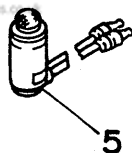
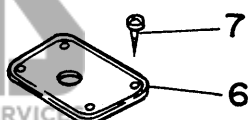
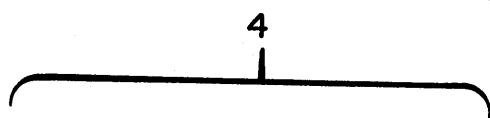
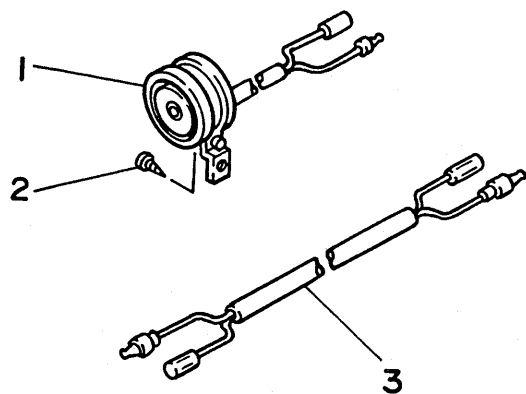


Fig. 17 OPTIONAL PARTS 4

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
OVERHEAT BUZZER (25J thru 90A MODEL)				8	697-81901-60	. CHARGE WARNING UNIT ASSY	1
1	688-83383-11	BUZZER	1	9	97780-60120	. SCREW, panhead tapping	2
2	97780-50112	SCREW, panhead tapping	1	10	92903-06600	. WASHER	2
3	688-83373-10	LEAD, horn	1	11	663-82521-09	. WIRE, lead	1
CHARGE WARNING LAMP (40H thru 90A MODEL)				POWER TIRM & TILT SWITCH (50D thru 90A MODEL)			
4	688-W0088-40	PILOT LAMP KIT	1	12	688-82563-10	TRIM & TILT SWITCH (Circular Switch Type)	1
5	663-84301-00	. PILOT LAMP ASSY	1	13	688-82388-00	PLATE	1
6	663-84309-00	. PLATE, set	1	14	97780-40116	SCREW, panhead tapping	2
7	95428-31316	. SCREW, roundhead wood	4				

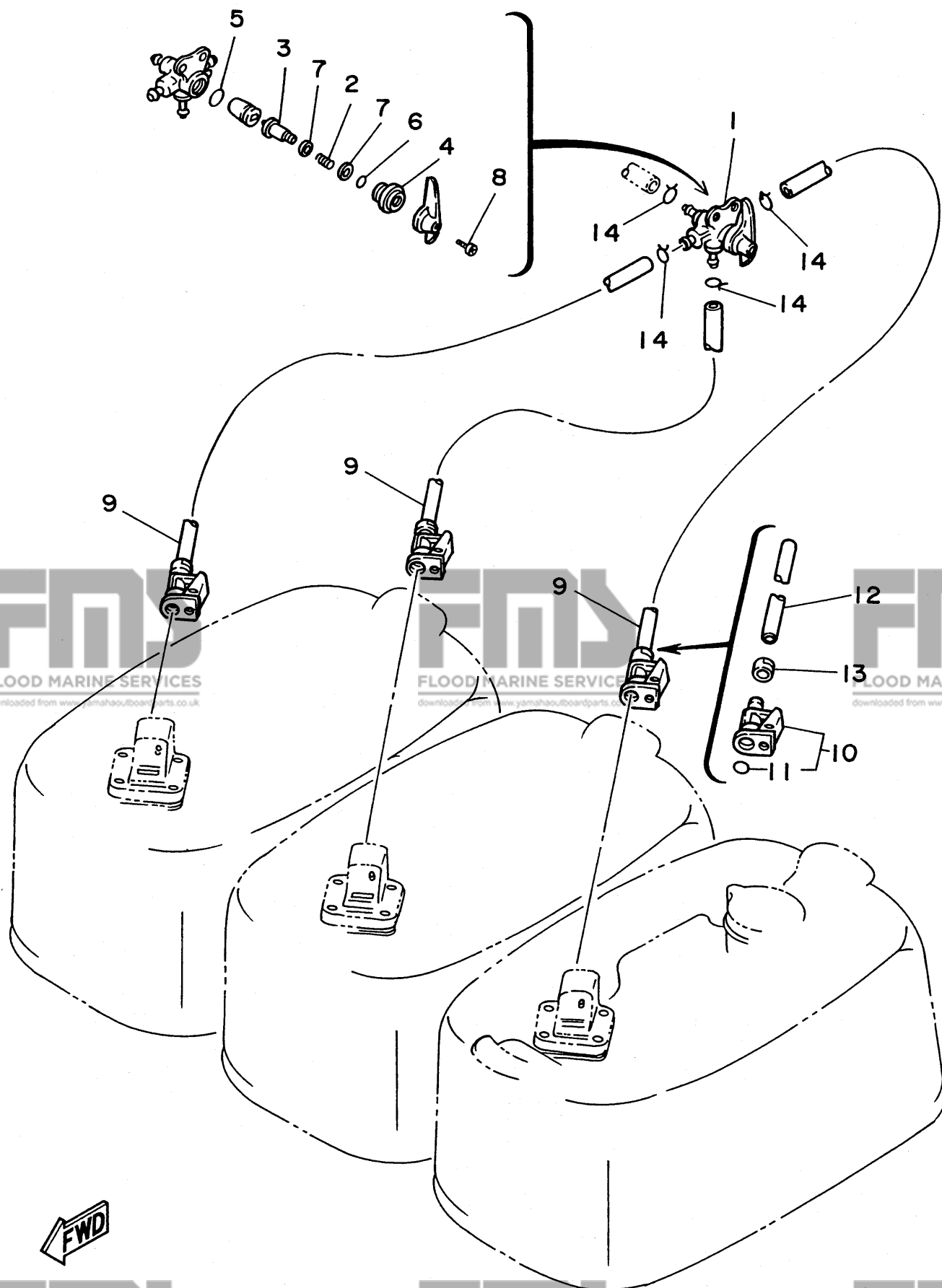
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Fig. 18 OPTIONAL PARTS 5

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Fig. 18 OPTIONAL PARTS 5

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
FOUR WAY FUEL COCK (40H thru 90A MODEL)				8	98680-04016	. SCREW, ovalhead	1
1	688-24540-00	FUEL COCK ASSY	1			FUEL PIPE JOINT	
2	90501-12M13	. SPRING, compression	1	9	688-24307-00	FUEL PIPE COMP. 2	3
3	688-24554-00	. CONNECTOR	1	10	6G1-24305-00	. FUEL PIPE JOINT COMP. 2	3
4	688-24559-00	. NUT	1	11	93210-08287	. . O-RING	3
5	93210-20M28	. O-RING	1	12	90445-12M12	. HOSE	3
6	93210-08M27	. O-RING	1	13	650-24351-01	. BAND, fuel pipe	3
7	90201-08M32	. WASHER	2	14	90467-11M00	CLIP	4



NUMERICAL INDEX

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
EL8-24254-00	A.P. 10-30	EL8-48254-00	A.P. 9-30	6E0-28193-00-94	25J/30D 7-41	6E5-43814-01	50D 21-16
EL8-48127-00	A.P. 9-26		11-30	6E0-42159-01	25J/30D 12-23		60F/70B 13-16
	10-26		12-30	6E0-44191-11	25J/30D 12- 3	6E5-43816-10	50D 21-49
	11-26	EL8-48259-00	A.P. 9- 8	6E3-82370-20	80A/90A 20-40		60F/70B 13-49
	12-26		10- 8	6E5-12411-00	25J/30D 1-23	6E5-43817-10	50D 21-50
EL8-48153-10	A.P. 9-65		11- 8	6E5-12411-10	40H 1-17		60F/70B 13-50
	10-65		12- 8		50D 1-17	6E5-43818-00	50D 21-19
	11-65	EL8-48271-00	A.P. 9-25	6E5-13132-00	40H 5-39		60F/70B 13-19
	12-65		10-25		19-43		14-24
EL8-48158-00	A.P. 9-32		11-25		50D 5-39		80A/90A 13-24
	10-32		12-25		17-43	6E5-4382A-00	50D 21-60
	11-32	EL8-48279-00	A.P. 9-55		60F/70B 5-11		60F/70B 13-60
	12-32		10-55		80A/90A 5-12	6E5-43820-02	50D 21-22
EL8-48164-00	A.P. 9-48		11-55	6E5-13471-00	40H 5- 6		60F/70B 13-22
	10-48		12-55		19- 6	6E5-43821-01	50D 21-25
	11-48	EL8-48281-00	A.P. 9-14		50D 5- 6		60F/70B 13-25
	12-48		10-14		17- 6	6E5-43822-01	50D 21-26
EL8-48191-00	A.P. 9-19		11-14		60F/70B 5- 2		60F/70B 13-26
	10-19		12-14		80A/90A 5- 2	6E5-43824-01	50D 21-68
	11-19	1E6-82151-00	A.P. 13-29	6E5-13475-00	40H 5- 7		60F/70B 13-68
	12-19		15- 2		19- 7	6E5-43829-00	50D 21-17
EL8-48231-00	A.P. 9-28	4V2-11634-00	25J/30D 2-13		50D 5- 7		60F/70B 13-17
	10-28	437-83936-10	40H 25-39		17- 7	6E5-43830-00	50D 21-56
	11-28		50D 26-28		60F/70B 5- 3		60F/70B 13-56
	12-28	6A0-15789-00	40H 6- 8		80A/90A 5- 3	6E5-43831-00	50D 21-55
EL8-48232-00	A.P. 9-47		50D 6- 8	6E5-14562-00	40H 5- 8		60F/70B 13-55
	10-47		25J/30D 6- 8		19- 8	6E5-43833-01	50D 21-35
	11-47	6A0-24410-02	40H 7-14		50D 5- 8		60F/70B 13-35
	12-47		50D 7-14		17- 8	6E5-43834-01	50D 21-36
EL8-48233-00	A.P. 9-62		60F/70B 6-15		60F/70B 5- 4		60F/70B 13-36
	10-62		80A/90A 6-12		80A/90A 5- 4	6E5-43835-00	50D 21-37
	11-62	6A0-24413-00	40H 7-24	6E5-24312-00	25J/30D 7-30		60F/70B 13-37
	12-62		50D 7-24	6E5-24367-01	50D 9-29	6E5-43841-01	50D 21-32
EL8-48234-00	A.P. 9-57		60F/70B 6-25		60F/70B 8-26		60F/70B 13-32
	10-57		80A/90A 6-22		8-37	6E5-43842-00	50D 21-70
	11-57	6A0-24421-01	40H 7-19		80A/90A 8-30		60F/70B 13-70
	12-57		50D 7-19	6E5-24378-00	25J/30D 5-46	6E5-43843-00	50D 21-43
EL8-48241-00	A.P. 9-29		60F/70B 6-20	6E5-42724-00	60F/70B 8-15		60F/70B 13-43
	10-29		80A/90A 6-17	6E5-43126-01	50D 19-25	6E5-43844-02	50D 21-39
	11-29	6A0-82317-00	40H 5-33		60F/70B 9-33		60F/70B 13-39
	12-29		19-38		10-29	6E5-43845-01	50D 21-62
EL8-48244-00	A.P. 9-35		50D 5-33		80A/90A 9-33		60F/70B 13-62
	10-35		17-38		10-29	6E5-43847-00	50D 21-58
	11-35		25J/30D 5-48	6E5-43145-00	A.P. 5- 9		60F/70B 13-58
	12-35		60F/70B 5-44		5-19	6E5-43849-01	50D 21-67
EL8-48245-00	A.P. 9-36		80A/90A 5-47	6E5-43802-00	50D 21-29		60F/70B 13-67
	10-36	6A0-82553-20	A.P. 14- 3		60F/70B 13-29	6E5-43851-00	50D 21-38
	11-36		14- 9	6E5-43804-00	50D 21- 3		60F/70B 13-38
	12-36	6A5-48129-10	A.P. 9-13		60F/70B 13- 3	6E5-43854-01	50D 21-59
EL8-48251-00	A.P. 9- 3		10-13	6E5-43805-00	50D 21- 4		60F/70B 13-59
	10- 3		11-13		60F/70B 13- 4	6E5-43856-00	50D 21-41
	11- 3		12-13	6E5-4381A-00	50D 21-66		60F/70B 13-41
	12- 3	6E0-28193-00-94	A.P. 1-21		60F/70B 13-66	6E5-43858-00	50D 21-40

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
6E5-43858-00	60F/70B 13-40	6E5-45371-10	60F/70B 18-26	6E5-83558-00	50D 14-25	6G1-24305-00	A.P. 1-16
6E5-43859-00	50D 21-45		80A/90A 17-28		25J/30D 15- 9		18-10
	60F/70B 13-45	6E5-45378-00	25J/30D 15- 7		60F/70B 18-17		25J/30D 7-16
6E5-43861-00	50D 21-13		60F/70B 17-70		80A/90A 17-18	6G1-41662-01-94	25J/30D 13-16
	60F/70B 13-13		80A/90A 16-65	6E5-83558-10	50D 13-18	6G1-42111-03-EJ	25J/30D 12- 2
6E5-43862-00	50D 21-14	6E5-45941-00-EL	60F/70B 18-23		60F/70B 17-72	6G1-42125-01	25J/30D 12-10
	21-27		80A/90A 17-25		80A/90A 16-67	6G1-42126-00	25J/30D 12-11
	60F/70B 13-14	6E5-45943-00-EL	60F/70B 18-23	6E5-83614-00	50D 26-38	6G1-42131-01	25J/30D 12- 8
	13-27		80A/90A 17-25	6E5-83614-01	60F/70B 21-58	6G1-42138-01	25J/30D 12-22
6E5-43863-00	50D 21-18	6E5-45945-01-EL	60F/70B 18-23	6E5-83672-01	50D 20- 6	6G1-42177-00	40H 12- 4
	60F/70B 13-18		80A/90A 17-25		60F/70B 12- 6		25J/30D 12-15
6E5-43864-00	50D 21-23	6E5-45947-00-EL	60F/70B 18-23	6E5-85547-10	80A/90A 20- 3	6G1-42683-00	40H 20-13
	60F/70B 13-23		80A/90A 17-25	6E9-14948-19	80A/90A 4- 6		50D 18-14
6E5-43865-00	50D 21-28	6E5-45949-00-EL	60F/70B 18-23	6E9-41237-00	40H 5-21		25J/30D 19-11
	60F/70B 13-28		80A/90A 17-25		19-21	6G1-42727-00	25J/30D 9-10
6E5-43866-00	50D 21-30	6E5-45952-00-EL	60F/70B 18-23		50D 5-21	6G1-44147-00	40H 15-12
	60F/70B 13-30		80A/90A 17-25		17-21		50D 13-12
6E5-43867-00	50D 21-31	6E5-45954-00-EL	60F/70B 18-23		60F/70B 5-25	6G1-81941-10	25J/30D 22- 1
	60F/70B 13-31		80A/90A 17-25		80A/90A 5-25	6G1-81952-00	25J/30D 22- 2
6E5-43868-00	50D 21-33	6E5-45956-00-EL	60F/70B 18-23	6F5-11119-00	25J/30D 1- 9	6G1-81970-60	40H 25- 7
	60F/70B 13-33		80A/90A 17-25	6F5-15752-00	25J/30D 6- 9		50D 26- 7
6E5-43869-00	50D 21-34	6E5-45970-10	60F/70B 18-24	6F5-15753-00	25J/30D 6-10		25J/30D 22- 7
	60F/70B 13-34		80A/90A 17-26	6F5-24563-00	40H 7- 6		60F/70B 21-14
6E5-43872-00	50D 21-15	6E5-45972-10	60F/70B 18-24		50D 7- 6	6G1-82151-00	40H 25- 8
	60F/70B 13-15		80A/90A 17-26		25J/30D 7-26		50D 26- 8
6E5-43874-01	50D 21-24	6E5-45974-10	60F/70B 18-24		60F/70B 6- 7		25J/30D 22- 8
	60F/70B 13-24		80A/90A 17-26		80A/90A 6- 7		60F/70B 21-15
6E5-43875-00	50D 21-64	6E5-45976-10	60F/70B 18-24	6F5-41662-00	40H 13-27	6G1-82370-20	40H 18-18
	60F/70B 13-64		80A/90A 17-26		50D 11-27		50D 16-18
6E5-43877-01	50D 21-46	6E5-45978-10	60F/70B 18-24	6F5-81800-10	25J/30D 21- 1		25J/30D 18-13
	60F/70B 13-46		80A/90A 17-26	6F5-81830-11	25J/30D 21- 4		60F/70B 21-27
6E5-43878-01	50D 21-53	6E5-45994-10	60F/70B 18-25	6F5-82117-00	25J/30D 22- 6	6G5-43144-00	60F/70B 10-68
	60F/70B 13-53		80A/90A 17-27	6F5-82540-00	A.P. 16-41		80A/90A 10-68
6E5-43883-00	50D 21-42	6E5-61301-00	A.P. 5-21	6G1-14984-00	40H 4-14	6G5-43148-00	60F/70B 10-66
	60F/70B 13-42	6E5-61303-00	A.P. 5-26		26-14		80A/90A 10-66
6E5-43884-00	50D 21- 6	6E5-61311-10	A.P. 5-27		26-26	6G5-81960-A0	80A/90A 20-14
	60F/70B 13- 6	6E5-61313-00	A.P. 5-30		50D 4-14	6G5-82152-00	80A/90A 20-31
6E5-43885-00	50D 21- 7		80A/90A 20-12		27-14	6G8-26363-00	A.P. 3-15
	60F/70B 13- 7	6E5-61315-00	A.P. 5-29		27-26		25J/30D 23-15
6E5-43886-00	50D 21- 8	6E5-81332-00	60F/70B 19-17		60F/70B 4-14	6G8-26364-00	A.P. 3-16
	60F/70B 13- 8	6E5-82148-00	50D 19-53		22-15		25J/30D 23-16
6E5-43887-00	50D 21- 9		60F/70B 9- 6		22-28	6G8-48511-00	A.P. 3-21
	60F/70B 13- 9		10- 6	6G1-14985-00	40H 4-12		25J/30D 23-21
6E5-43888-01	50D 21-54		80A/90A 9- 6		26-24	6G8-48511-10	A.P. 3-24
	60F/70B 13-54		10- 6		50D 4-12		25J/30D 23-24
6E5-43895-00	50D 21-47	6E5-82553-10	50D 20- 8		27-24	6H0-14301-13	80A/90A 4- 1
	60F/70B 13-47		60F/70B 12- 8		60F/70B 4-12	6H0-14302-13	80A/90A 4- 2
6E5-43896-00	50D 21-48		80A/90A 12- 8		22-26	6H0-14303-13	80A/90A 4- 3
	60F/70B 13-48	6E5-82587-00	50D 26-37	6G1-24304-02	40H 7- 1	6H0-14947-01	80A/90A 4- 4
6E5-43897-00	50D 21-52		60F/70B 21-57		50D 7- 1	6H0-42610-E0-EJ	80A/90A 7- 1
	60F/70B 13-52		80A/90A 20-57		25J/30D 7-20	6H0-42686-00	80A/90A 7-14
6E5-44391-00	40H 9-17	6E5-83558-00	40H 15-18		60F/70B 6- 1	6H0-42687-00	80A/90A 7-16
	50D 9-17		50D 13-18		80A/90A 6- 1	6H1-W0001-00	80A/90A 21- 1

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
6H1-W0070-E0	80A/90A 7-18	6H1-21766-01	80A/90A 5-42	6H1-43800-10-EJ	60F/70B 14- 1	6H1-43844-10	80A/90A 13-37
6H1-W0072-01-EJ	80A/90A 22-32	6H1-21770-00	40H 19-32		80A/90A 13- 1	6H1-43845-01	60F/70B 14-48
6H1-W0090-12-EJ	80A/90A 1- 1		50D 17-32	6H1-43802-10	60F/70B 14-32		80A/90A 13-48
6H1-W0093-00	80A/90A 21-20		60F/70B 5-38		80A/90A 13-32	6H1-43847-00	60F/70B 14-43
6H1-11111-00-94	80A/90A 1-30		80A/90A 5-38	6H1-43804-00	60F/70B 14-12		80A/90A 13-43
6H1-11536-00	80A/90A 5-15	6H1-21773-00	40H 19-29		80A/90A 13-12	6H1-43854-00	60F/70B 14-46
6H1-11537-01	80A/90A 5-16		50D 17-29	6H1-43805-00	60F/70B 14-10		80A/90A 13-46
6H1-11610-00	80A/90A 2-16		60F/70B 5-35		80A/90A 13-10	6H1-43855-10	60F/70B 14-63
6H1-11610-10	80A/90A 2-16		80A/90A 5-35	6H1-43806-00	60F/70B 14- 8		80A/90A 13-63
6H1-11610-20	80A/90A 2-16	6H1-21796-00	80A/90A 1-57		80A/90A 13- 8	6H1-43856-10	60F/70B 14-36
6H1-11631-00-96	80A/90A 2-15	6H1-21797-00	80A/90A 3-26	6H1-43807-00	60F/70B 14- 3		80A/90A 13-36
6H1-11635-00	80A/90A 2-15	6H1-24217-00	40H 19-31		80A/90A 13- 3	6H1-43861-00	60F/70B 14-18
6H1-11636-00	80A/90A 2-15		50D 17-31	6H1-43814-10	60F/70B 14-16		80A/90A 13-18
6H1-13117-00	40H 5- 3		60F/70B 5-37		80A/90A 13-16	6H1-43861-10	60F/70B 14-15
	19- 3		80A/90A 5-37	6H1-43816-00	60F/70B 14-60		14-53
	50D 5- 3	6H1-24251-01	40H 19-34		80A/90A 13-60		80A/90A 13-15
	17- 3		50D 17-34	6H1-43817-00	60F/70B 14-40		13-53
	60F/70B 5-18		60F/70B 5-40		80A/90A 13-40	6H1-43864-00	60F/70B 14-57
	80A/90A 5-18		80A/90A 5-40	6H1-4382A-10	60F/70B 14-45		80A/90A 13-57
6H1-13200-01	60F/70B 5- 1	6H1-24314-00	80A/90A 6-28		80A/90A 13-45	6H1-43866-00	60F/70B 14-33
	80A/90A 5- 1	6H1-24566-00	80A/90A 6-10	6H1-4382G-00	60F/70B 14- 6		80A/90A 13-33
6H1-13436-00	80A/90A 7-19	6H1-24633-00	25J/30D 5-33		80A/90A 13- 6	6H1-43867-00	60F/70B 14-34
6H1-13641-00-94	80A/90A 3- 6	6H1-41237-00	40H 5-17	6H1-43820-10	60F/70B 14-56		80A/90A 13-34
6H1-14301-13	80A/90A 4- 1		19-17		80A/90A 13-56	6H1-43869-00	60F/70B 14-21
6H1-14302-13	80A/90A 4- 2		50D 5-17	6H1-43821-10	60F/70B 14-52		80A/90A 13-21
6H1-14303-13	80A/90A 4- 3		17-17		80A/90A 13-52	6H1-43871-10	60F/70B 14-20
6H1-14413-00	80A/90A 3-24		60F/70B 5-21	6H1-43822-10	60F/70B 14-51		80A/90A 13-20
6H1-14440-00	80A/90A 3-20		15-15		80A/90A 13-51	6H1-43872-00	60F/70B 14-17
6H1-14485-00	40H 5- 3		15-21	6H1-43829-00	60F/70B 14-29		80A/90A 13-17
	50D 3- 6		80A/90A 5-21		80A/90A 13-29	6H1-43874-00	60F/70B 14-67
	60F/70B 3- 6		14-26	6H1-43830-10	60F/70B 14-42		80A/90A 13-67
	80A/90A 3- 7	6H1-41241-00	80A/90A 5-20		80A/90A 13-42	6H1-43875-00	60F/70B 14-50
6H1-15100-00-94	80A/90A 1- 2	6H1-42610-E0-EJ	80A/90A 7- 1	6H1-43831-00	60F/70B 14-41		80A/90A 13-50
6H1-15359-00-94	80A/90A 2- 1	6H1-42613-00-EJ	80A/90A 7-10		80A/90A 13-41	6H1-4388E-00	60F/70B 14-65
6H1-15771-00	80A/90A 19-17	6H1-42647-00-94	80A/90A 7- 3	6H1-43833-10	60F/70B 14-25		80A/90A 13-65
6H1-15772-00	80A/90A 1-54	6H1-42649-00-94	80A/90A 7- 4		80A/90A 13-25	6H1-43880-00	60F/70B 14- 2
6H1-15773-00	80A/90A 1-56	6H1-42684-00	60F/70B 7-25	6H1-43834-00	60F/70B 14-26		80A/90A 13- 2
6H1-21707-02	80A/90A 5-26		80A/90A 7-24		80A/90A 13-26	6H1-43881-00	60F/70B 14-13
6H1-21732-00	60F/70B 7- 2	6H1-42686-10	80A/90A 7-14	6H1-43835-10	60F/70B 14-22		80A/90A 13-13
	80A/90A 7- 2	6H1-42687-00	80A/90A 7-16		80A/90A 13-22	6H1-43884-00	60F/70B 14- 7
6H1-21735-00	60F/70B 5-31	6H1-42711-00-EJ	80A/90A 8- 1	6H1-4384E-10	60F/70B 14-55		80A/90A 13- 7
	80A/90A 5-31	6H1-43111-00-EJ	60F/70B 10- 1		80A/90A 13-55	6H1-43885-00	60F/70B 14- 5
6H1-21744-10	40H 19-28		80A/90A 10- 1	6H1-4384F-00	60F/70B 14-39		80A/90A 13- 5
	50D 17-28	6H1-43112-00-EJ	60F/70B 10- 5		80A/90A 13-39	6H1-43886-00	60F/70B 14- 4
	60F/70B 5-34		80A/90A 10- 5	6H1-4384G-10	60F/70B 14-38		80A/90A 13- 4
	80A/90A 5-34	6H1-43181-00	60F/70B 10-20		80A/90A 13-38	6H1-43887-00	60F/70B 14-11
6H1-21756-00	40H 5-26		80A/90A 10-20	6H1-43840-10	60F/70B 14-14		80A/90A 13-11
	50D 5-26	6H1-43185-00	60F/70B 10-21		80A/90A 13-14	6H1-4389H-10	60F/70B 14-19
6H1-21757-00	40H 19-33		80A/90A 10-21	6H1-43841-10	60F/70B 14-35		80A/90A 13-19
	50D 17-33	6H1-43311-00-EJ	60F/70B 10-10		80A/90A 13-35	6H1-43895-10	60F/70B 14-62
	25J/30D 5-32		80A/90A 10-10	6H1-43843-10	60F/70B 14-64		80A/90A 13-62
	60F/70B 5-39	6H1-43376-00	60F/70B 12- 1		80A/90A 13-64	6H1-43896-00	60F/70B 14-61
	80A/90A 5-39		80A/90A 12- 1	6H1-43844-10	60F/70B 14-37		80A/90A 13-61

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
6H1-43899-00	60F/70B 14-44 80A/90A 13-44	6H2-14527-01	40H 4-23 50D 4-23	6H3-13622-00	60F/70B 3- 9 22-19	6H3-41257-00	60F/70B 3-15
6H1-44120-11	80A/90A 14-50		60F/70B 4-23	6H3-13624-00-94	60F/70B 3- 8	6H3-41271-00	60F/70B 3-17
6H1-44120-21	80A/90A 14-50 22-40	6H2-14578-00	40H 4-31 50D 4-31	6H3-13641-11-94	60F/70B 3- 5	6H3-41611-00	60F/70B 19-13
6H1-44121-00	80A/90A 14-42		60F/70B 4-31	6H3-14198-01	60F/70B 3-13 22-14	6H3-41612-00	60F/70B 19-14
6H1-44144-00	60F/70B 17-55 80A/90A 16-70	6H2-14947-02	60F/70B 4- 4	6H3-14301-06	60F/70B 4- 1	6H3-41612-10	60F/70B 19-23
6H1-44151-00	60F/70B 17-54 80A/90A 16-69	6H2-14948-15	60F/70B 4- 6	6H3-14302-06	60F/70B 4- 2	6H3-41631-00	60F/70B 15- 2
6H1-45251-00	40H 21- 5 50D 10- 5 19- 3 60F/70B 9- 2 10- 2 80A/90A 9- 2 10- 2	6H2-14948-18	60F/70B 4- 6	6H3-14303-06	60F/70B 4- 3	6H3-41632-00	60F/70B 15- 8
		6H2-14980-00	40H 4-15 50D 4-15 60F/70B 4-15	6H3-14413-00	60F/70B 3-20	6H3-41633-00	60F/70B 15-11
6H1-45300-12-EJ	80A/90A 16- 1	6H2-41131-00-9M	60F/70B 16-12	6H3-14440-00	60F/70B 3-21	6H3-42510-01-EJ	60F/70B 9-37
6H1-45300-22-EJ	80A/90A 16- 1	6H2-42610-E0-EJ	60F/70B 7- 1	6H3-14457-01	40H 3-15 26-13 50D 3-15 27-13	6H3-42510-11-EJ	60F/70B 9-37 10-33
6H1-45301-01-EJ	60F/70B 17- 2 80A/90A 16- 2	6H2-42686-00	60F/70B 7-15		60F/70B 3-22	6H3-42610-E0-EJ	60F/70B 7- 1
6H1-45501-10	80A/90A 16-36	6H2-42687-00	60F/70B 7-17	6H3-14578-00	40H 4-32 50D 4-32 60F/70B 4-32	6H3-42613-00-EJ	60F/70B 7-11
6H1-45571-00	80A/90A 16-54	6H3-W0001-00	60F/70B 22- 1		40H 4-32 50D 4-32 60F/70B 4-32	6H3-42615-00	60F/70B 7-14
6H1-45611-01	60F/70B 17-40 80A/90A 16-40	6H3-W0001-21	60F/70B 23- 1	6H3-14590-00	40H 4- 8 26-21 50D 4- 8 27-21 60F/70B 4- 8	6H3-42647-00-94	60F/70B 7- 3
6H1-45631-01	60F/70B 17-41 80A/90A 16-50	6H3-W0070-E0	60F/70B 7-19		40H 4- 8 26-21 50D 4- 8 27-21 60F/70B 4- 8	6H3-42649-00-94	60F/70B 7- 4
6H1-45634-02	60F/70B 17-43 80A/90A 16-44	6H3-W0078-0A	60F/70B 23-26	6H3-14711-00-9M	60F/70B 16-15	6H3-42652-00	60F/70B 7- 6
6H1-45635-00	60F/70B 17-47 80A/90A 16-53	6H3-W0078-00	60F/70B 23-15	6H3-14711-10-9M	60F/70B 16-15	6H3-42686-00	60F/70B 7-15
6H1-45641-01	60F/70B 17-53 80A/90A 16-42	6H3-W0090-13-EJ	60F/70B 1- 1	6H3-14737-00	60F/70B 16-21	6H3-42687-00	60F/70B 7-17
6H1-45668-00	60F/70B 17-46 80A/90A 16-47	6H3-W0093-01	60F/70B 22-20	6H3-14737-10	60F/70B 16-21	6H3-42711-01-EJ	60F/70B 8- 1
6H1-81315-00	80A/90A 5-49	6H3-11111-01-94	60F/70B 1-25	6H3-14947-02	60F/70B 4- 4	6H3-42711-20-EJ	60F/70B 8- 1
6H1-81337-00	80A/90A 18-18	6H3-11181-01	60F/70B 1-26 22- 2	6H3-14992-00	60F/70B 4-17 80A/90A 4-18	6H3-42716-01	60F/70B 8-13
6H1-81971-12	60F/70B 5-53 80A/90A 5-50	6H3-11191-00-9M	60F/70B 1-27	6H3-15100-10-94	60F/70B 1- 2	6H3-42725-00	60F/70B 8-40
6H1-82553-00	80A/90A 20-59	6H3-11193-00	60F/70B 1-28 22- 4	6H3-15359-00-94	60F/70B 2-14	6H3-42725-10	60F/70B 8-16
6H1-82563-00	50D 26-36 60F/70B 21-56 80A/90A 20-56	6H3-11325-00	60F/70B 1-16	6H3-21707-02	60F/70B 5-26	6H3-42727-00	60F/70B 8-20
6H1-83614-00	80A/90A 20-58	6H3-11327-00-94	25J/30D 1-12 60F/70B 1-17	6H3-21766-00	60F/70B 5-42	6H3-42738-00-9M	60F/70B 8-17
6H1-83672-00	60F/70B 12- 6 80A/90A 12- 6	6H3-11328-00	25J/30D 1-13 60F/70B 1-18	6H3-24313-00	60F/70B 6-34	6H3-42741-00-EJ	60F/70B 8-31
6H1-84348-12	60F/70B 5-55 80A/90A 5-52	6H3-11400-10	60F/70B 2- 1	6H3-24314-00	60F/70B 6-36	6H3-42768-00	60F/70B 8-25
6H1-85720-11	80A/90A 5-48	6H3-11536-00	60F/70B 2- 4	6H3-41111-00-9M	60F/70B 1-35	6H3-42771-00-EJ	60F/70B 8-32
6H2-13610-00	60F/70B 3- 1	6H3-11537-00	60F/70B 5-16	6H3-41112-00	60F/70B 1-36 22- 6	6H3-42813-00	60F/70B 8- 7
6H2-14301-06	60F/70B 4- 1	6H3-11610-00	60F/70B 2- 9	6H3-41113-00-9M	60F/70B 1-37	6H3-42815-00-EJ	60F/70B 8- 3
6H2-14302-06	60F/70B 4- 2	6H3-11610-10	60F/70B 2- 9	6H3-41114-00	60F/70B 1-38 22- 7	6H3-42816-00	60F/70B 8- 9
6H2-14303-06	60F/70B 4- 3	6H3-11610-20	60F/70B 2- 9	6H3-41131-00-9M	60F/70B 16-12	6H3-42817-00-EJ	60F/70B 8- 4
		6H3-11631-00-96	60F/70B 2- 8	6H3-41137-00-94	60F/70B 16- 5	6H3-42818-00	60F/70B 8-10
		6H3-11633-00	60F/70B 2-10	6H3-41213-01	60F/70B 15-23	6H3-43800-04-EJ	50D 21- 1 60F/70B 13- 1
		6H3-11635-00	60F/70B 2- 8	6H3-41217-00	60F/70B 3-14	6H3-43855-00	50D 21-44 60F/70B 13-44
		6H3-11636-00	60F/70B 2- 8	6H3-41238-00	40H 13-17 50D 11-17 60F/70B 15- 1	6H3-44117-00-94	60F/70B 15-31
		6H3-12411-01	60F/70B 1-30	6H3-41241-00	60F/70B 5-20	6H3-44120-01	60F/70B 15-27
		6H3-12413-00-9M	60F/70B 1-31			6H3-44120-11	60F/70B 15-27
		6H3-12414-00	60F/70B 1-32 22- 5			6H3-44121-00	60F/70B 15-37
		6H3-13436-00	60F/70B 7-20			6H3-44311-00	60F/70B 17-21
		6H3-13610-00	60F/70B 3- 1			6H3-44315-00	60F/70B 17-23
		6H3-13621-00	60F/70B 3- 7 22-13				23- 7 23-18
						6H3-44323-00	60F/70B 17-30
							23-19
						6H3-44323-40	60F/70B 23-29
						6H3-44324-00	60F/70B 17-31
							23- 8 23-20
						6H3-44341-00-94	60F/70B 17-26

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
6H3-44352-00	60F/70B 17-24 23-17	6H3-82164-00	50D 26- 3 60F/70B 21-31	6H4-11400-13	50D 2- 1 40H 2- 2	6H4-14198-00	50D 27-19
6H3-44361-00	60F/70B 18-11	6H3-82540-00	A.P. 16-46	6H4-11536-00	50D 2- 2	6H4-14301-06	40H 4- 1
6H3-44361-10	60F/70B 18-11	6H3-82553-00	50D 26-39		40H 5- 2	6H4-14302-06	40H 4- 2
6H3-44391-00	25J/30D 9-13 60F/70B 8- 2 80A/90A 8- 2		60F/70B 21-59	6H4-11537-00	19- 2	6H4-14303-06	40H 4- 3
		6H3-82554-00	A.P. 16-47		50D 5- 2	6H4-14406-00	40H 3-12
6H3-44551-00-EJ	60F/70B 9-41 10-38	6H3-82590-11	60F/70B 21-35		17- 2	6H4-14431-01	50D 3-12
6H3-44552-01-94	60F/70B 9-50 10-47	6H3-85510-A0	60F/70B 19- 2	6H4-11610-00	40H 2- 7		40H 3-14
6H3-44553-00-EJ	60F/70B 9-55 10-52	6H3-85520-00	60F/70B 19- 3		50D 2- 7	6H4-14431-11	50D 3-14
6H3-45111-00-EJ	60F/70B 16- 1	6H3-85540-11	60F/70B 21-11	6H4-11610-10	40H 2- 7		40H 3-14
6H3-45111-10-EJ	60F/70B 16- 1	6H3-85542-00-94	60F/70B 21- 1		50D 2- 7	6H4-14477-00	50D 3-14
6H3-45113-00	60F/70B 16- 7 22-18	6H3-85570-10	60F/70B 21-24	6H4-11610-20	40H 2- 7		40H 18-21
6H3-45114-01	60F/70B 16-18 23- 2	6H3-85720-12	60F/70B 5-49		50D 2- 7	6H4-14711-00-9M	50D 16-21
6H3-45123-00	60F/70B 16-17 23- 3	6H3-86110-02	60F/70B 21-39	6H4-11631-00-96	40H 2- 6		40H 14- 9
6H3-45127-00	60F/70B 16-16	6H3-86112-00	60F/70B 21-42		50D 2- 6	6H4-14711-10-9M	50D 12- 9
6H3-45155-00	60F/70B 16- 3	6H3-86115-00	60F/70B 21-43	6H4-11634-01	40H 2-11		50D 12- 9
6H3-45300-02-EJ	60F/70B 17- 1	6H3-86116-00	60F/70B 21-40		50D 2-11	6H4-14947-05	40H 4- 4
6H3-45300-12-EJ	60F/70B 17- 1	6H4-W0001-01	40H 26- 1 50D 27- 1	6H4-11635-00	40H 2- 6	6H4-14948-14	40H 4- 6
6H3-45501-00	60F/70B 17-36	6H4-W0001-20	40H 27- 1 50D 28- 1	6H4-11636-00	50D 2- 6	6H4-15100-10-94	40H 1- 2
6H3-45501-10	60F/70B 17-36	6H4-W0004-00	40H 3- 2 50D 3- 2	6H4-11641-00	40H 2- 6		50D 1- 2
6H3-45571-00	60F/70B 17-59	6H4-W0070-E0	40H 20-12		50D 2- 6	6H4-15359-02	40H 2-12
6H3-48511-50-EJ	60F/70B 9-68 10-70	6H4-W0070-N1	50D 18-13 40H 8-12	6H4-12413-00-9M	40H 1-18	6H4-15369-00	40H 2-14
6H3-48538-00	60F/70B 15-42		50D 8-12		50D 1-18		26- 7
6H3-81303-A0	60F/70B 19- 7	6H4-W0070-V0	40H 8-12		25J/30D 1-24	6H4-15396-02-9M	50D 2-14
6H3-81315-00	60F/70B 5-50	6H4-W0078-0A	40H 27-26 50D 28-26	6H4-12414-00	40H 1-19		27- 7
6H3-81337-00	60F/70B 19-20		25J/30D 25-20		26- 5	6H4-15396-02-9M	40H 2-15
6H3-81800-10	60F/70B 20- 1	6H4-W0078-00	40H 27-15 50D 28-15		50D 1-19		50D 2-15
6H3-81807-10	40H 24- 3 50D 25- 3	6H4-W0084-02-EJ	40H 12- 1	6H4-13200-01	40H 5- 5	6H4-15705-00	40H 6-25
	60F/70B 20- 3	6H4-W0090-13-EJ	40H 1- 1 50D 1- 1		19- 5		50D 6-25
6H3-81810-10	40H 24- 8 50D 25- 8	6H4-W0093-01	40H 26-18 50D 27-18	6H4-13416-00	50D 5- 5	6H4-15710-01-94	40H 6- 1
	60F/70B 20- 8	6H4-11111-00-94	40H 1-10 50D 1-10		17- 5		50D 6- 1
6H3-81820-11	40H 24-13 50D 25-13	6H4-11119-00	40H 1- 6 50D 1- 6	6H4-13436-00	40H 19-36	6H4-15711-01-94	40H 6- 2
	60F/70B 20-13	6H4-11181-00	40H 1-11 26- 2		50D 17-36		50D 6- 2
6H3-81830-10	60F/70B 20- 4		50D 1-11	6H4-13462-00-94	40H 3- 8	6H4-15714-00	40H 6-17
6H3-81916-00	60F/70B 21-21		27- 2		26-11		50D 6-17
6H3-81922-00	60F/70B 21- 5	6H4-11191-00-9M	40H 1-14 50D 1-14	6H4-13621-00	40H 19-36	6H4-15717-00	40H 6-19
6H3-82105-00	60F/70B 21-33		50D 1-15		50D 17-36		50D 6-19
6H3-82117-00	60F/70B 21-34	6H4-11193-00	40H 1-15 26- 3	6H4-13641-11-94	40H 20-14	6H4-15723-00-94	40H 6-35
6H3-82154-00	50D 26-30 60F/70B 21-52 80A/90A 20-54		50D 1-15 27- 3		50D 18-15		50D 6-35
6H3-82164-00	40H 25- 3	6H4-11400-13	40H 2- 1	6H4-14198-00	40H 3- 8	6H4-15746-00	40H 6-40
					26-11		50D 6-40
					50D 3- 8	6H4-15747-10	40H 6-45
					27-11		50D 6-45
					40H 3- 7	6H4-15752-00	40H 6- 9
					50D 3- 7		50D 6- 9
					40H 3- 5	6H4-15758-00-94	40H 6- 4
					50D 3- 5		50D 6- 4
					40H 3-11	6H4-15761-00	40H 8-13
					26-12		50D 8-13
					26-19	6H4-15762-00	40H 6- 7
					50D 3-11		50D 6- 7
					27-12	6H4-15770-10	40H 6-42

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
6H4-15770-10	50D 6-42	6H4-41133-00	50D 28- 4	6H4-42610-E1-EJ	40H 20- 1	6H4-43160-00	50D 23- 1
6H4-15771-00-94	40H 6-29	6H4-41134-00	40H 14- 7	6H4-42610-G1-EJ	40H 20- 1		25J/30D 11- 1
	50D 6-29		27- 3	6H4-42610-N2-EJ	40H 8- 1	6H4-43616-00	40H 11-29
6H4-15772-00-94	40H 6-32		50D 12- 7	6H4-42610-V1-EJ	40H 8- 1		11-38
	50D 6-32		28- 3	6H4-42613-00-EJ	40H 8- 6		50D 23-29
6H4-15774-10	40H 6-38	6H4-41137-00-94	40H 14- 5		50D 8- 6		25J/30D 11-29
	50D 6-38		50D 12- 5	6H4-42613-10-EJ	40H 20- 6		11-38
6H4-15787-00	40H 6-13	6H4-41213-03	40H 13- 1		50D 18- 7	6H4-43659-00	40H 11-18
	50D 6-13		50D 11- 1	6H4-42615-00	40H 8- 2		50D 23-18
6H4-21707-02	40H 19-22		A.P. 4- 4		20- 2		25J/30D 11-18
	50D 17-22	6H4-41213-13	40H 13- 1		50D 8- 2	6H4-43674-00	40H 11-24
6H4-21707-10	40H 5-22		50D 11- 1		18- 2		50D 23-24
	50D 5-22	6H4-41217-00	40H 3-25	6H4-42651-00	40H 8- 3		25J/30D 11-24
6H4-21732-00	40H 20-15		50D 3-25		20- 3	6H4-44111-00	40H 13-18
	50D 18- 3	6H4-41241-00	40H 5-16		50D 8- 3	6H4-44111-10	40H 13-18
6H4-21735-01	40H 19-27		19-16		18- 4		50D 11-18
	50D 17-27		50D 5-16	6H4-42652-00	40H 8- 4	6H4-44116-00	40H 13-22
6H4-21748-00	40H 19-23		17-16		20- 4		50D 11-22
	50D 17-23	6H4-41257-00	40H 3-19		50D 8- 4	6H4-44121-01	40H 13-20
6H4-21757-00	40H 5-30		50D 3-19		18- 5		50D 11-20
	50D 5-30	6H4-41259-01	40H 3-22	6H4-42686-01	40H 8- 9	6H4-44125-01	40H 13-25
6H4-21770-00	40H 5-27		50D 3-22	6H4-42686-10	40H 20- 9		50D 11-25
	50D 5-27	6H4-41271-01	40H 3-21	6H4-42687-00	40H 8-10	6H4-44143-00	40H 13-30
	25J/30D 5-31		50D 3-21		20-10		50D 11-30
6H4-21773-00	40H 5-25	6H4-41611-10	40H 17-16	6H4-42711-03-EJ	40H 9- 1	6H4-44150-00	40H 15-49
	50D 5-25		50D 15-16		50D 9- 1		50D 13-49
6H4-24311-00	40H 7-36		25J/30D 17-14	6H4-42711-21-EJ	50D 9- 1	6H4-44150-11	40H 15-49
	50D 7-36	6H4-41612-01	40H 17-17	6H4-42716-00	40H 9-18		50D 13-49
6H4-24312-00	40H 7-34		50D 15-17		50D 9-18	6H4-44160-00	40H 15-50
	50D 7-34	6H4-41613-00	40H 17-20	6H4-42724-00	40H 9-16		50D 13-50
6H4-24313-00	40H 7-33		50D 15-20		50D 9-16	6H4-44173-00	A.P. 16-44
	50D 7-33	6H4-41631-01	40H 13-10	6H4-42724-20	40H 25-20	6H4-44173-01	40H 25-37
6H4-24314-00	40H 7-12		50D 11-10		50D 26-24		50D 26-26
	50D 7-12	6H4-41632-00	40H 13- 5	6H4-42725-00	40H 25-21	6H4-44352-00	40H 27-17
6H4-24566-01	40H 7- 9		50D 11- 5		50D 26-22		50D 13-22
	50D 7- 9	6H4-41636-01	40H 13- 7		25J/30D 22-26		28-17
6H4-24633-00	40H 5-28		50D 11- 7	6H4-42726-00	40H 9- 9		25J/30D 25-13
	50D 5-28	6H4-42111-00-EJ	40H 12- 2		50D 9- 9	6H4-44352-01	40H 15-22
6H4-24634-00	40H 5-29	6H4-42121-01-9M	40H 10-30		60F/70B 8-41		25J/30D 15-20
	50D 5-29		50D 22-30		80A/90A 8-23	6H4-44361-00	40H 16-20
6H4-26311-02	40H 12-16	6H4-42131-00	40H 12-15	6H4-42741-20	40H 9-24		50D 14-20
6H4-41111-00-9M	40H 1-23	6H4-42137-01	40H 12- 5		50D 9-24	6H4-44361-10	40H 16-20
	50D 1-23	6H4-42138-01	40H 12-10	6H4-42815-00	40H 9- 3		50D 14-20
6H4-41113-00-9M	40H 1-22	6H4-42159-00	40H 12-12		50D 9- 3	6H4-44511-00-94	40H 10-43
	50D 1-22	6H4-42510-01-EJ	40H 21-41	6H4-42816-00	40H 9- 6		21-61
6H4-41114-00	40H 1-24		50D 10-43		50D 9- 6		50D 10-64
	26- 6		19-29	6H4-43111-04-EJ	40H 10- 1		19-50
	50D 1-24	6H4-42510-11-EJ	40H 10-23		50D 22- 1		22-43
	27- 6		50D 22-23		25J/30D 10- 1	6H4-44514-00	40H 10-39
6H4-41131-01-9M	40H 14- 8	6H4-42528-00	40H 10-20	6H4-43112-03-EJ	40H 10- 2		21-57
6H4-41133-00	40H 14-15		21-15		50D 22- 2		50D 10-60
	27- 4		50D 10-11		25J/30D 10- 2		19-46
	50D 12-15		22-20	6H4-43160-00	40H 11- 1		22-39

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
6H4-44514-00	25J/30D 10-40	6H4-45551-00	50D 13-36	6H4-82117-00	50D 25-19	6H4-85570-20	40H 18-15
6H4-44551-01-EJ	40H 10-28	6H4-45560-00	40H 15-38	6H4-82522-00	40H 18-22		50D 16-15
	21-46		50D 13-38		50D 16-22	6H4-85720-11	40H 19-46
	50D 10-48	6H4-45567-01-10	40H 15-40	6H4-82531-01	40H 18- 7		50D 17-46
	19-34		50D 13-40		50D 16- 7	6H4-85720-20	40H 5-41
	22-28	6H4-45567-01-12	40H 15-40	6H4-82537-00	40H 9-29		50D 5-41
	25J/30D 10-28		50D 13-40	6H4-82553-00	A.P. 16-43	6H4-86110-01	40H 25-12
6H4-44553-01	40H 10-34	6H4-45567-01-15	40H 15-40	6H4-82554-00	40H 25-36		50D 26-12
	21-52		50D 13-40		50D 26-25	6H4-86112-00	40H 25-13
	50D 10-54	6H4-45567-01-18	40H 15-40		A.P. 16-42		50D 26-13
	19-40		50D 13-40	6H4-82575-00	40H 9-27	6H5-13610-00	40H 3- 1
	22-34	6H4-45567-01-30	40H 15-40	6H4-82582-00	40H 25-35		50D 3- 1
	25J/30D 10-35		50D 13-40		50D 26-19	6H5-14301-06	50D 4- 1
6H4-44557-00	40H 10-33	6H4-45567-01-40	40H 15-40	6H4-82588-00	40H 25-23	6H5-14302-06	50D 4- 2
	21-51		50D 13-40		50D 26-20	6H5-14303-06	50D 4- 3
	50D 10-53	6H4-45567-01-50	40H 15-40	6H4-82590-21	40H 25-25	6H5-14947-05	50D 4- 4
	19-39		50D 13-40		50D 26-18	6H5-14948-15	50D 4- 6
	22-33	6H4-45571-00	40H 15-51	6H4-83589-00	40H 19-48	6H5-41131-00-9M	50D 12- 8
	25J/30D 10-34		50D 13-51		50D 17-48	6H5-42610-E1-EJ	50D 18- 1
6H4-44557-10	40H 10-33	6H4-45631-00	40H 15-44	6H4-84301-01	40H 19-52	6H5-42610-G1-EJ	50D 18- 1
	21-51		50D 13-44		50D 17-52	6H5-42610-N2-EJ	50D 8- 1
	50D 10-53	6H4-48344-00	A.P. 4- 5	6H4-84301-10	60F/70B 5-54	6H5-42684-00	40H 20-13
	19-39	6H4-48501-80	A.P. 4- 1		80A/90A 5-51		50D 18-14
	25J/30D 10-34	6H4-48511-50-EJ	40H 21-48	6H4-84342-00	40H 19-47	6H5-42686-00	50D 8- 9
6H4-45111-00-EJ	40H 14- 1		50D 10-50		50D 17-47	6H5-42686-10	50D 18-10
	50D 12- 1		A.P. 4- 7	6H4-85415-10	40H 9-31	6H5-42687-00	50D 8-10
6H4-45111-10-EJ	40H 14- 1	6H4-48531-00-94	40H 9-10		50D 9-28		18-11
	50D 12- 1	6H4-48531-10-94	40H 25-18	6H4-85510-F0	40H 17- 2	6H5-42726-00	40H 9- 9
6H4-45113-00	40H 14-16		50D 9-10		23- 2	6H5-43111-02-EJ	40H 21- 1
	26-17		A.P. 4- 2		50D 15- 2		50D 10- 1
	50D 12-16	6H4-48532-00-94	40H 9-11		24- 2	6H5-43112-02-EJ	40H 21- 3
	27-17	6H4-48532-10-94	40H 25-19		25J/30D 17- 2		50D 10- 3
6H4-45114-00	40H 14- 6		50D 9-11		20- 2	6H5-43126-02	40H 21-32
	27- 2		A.P. 4- 3	6H4-85520-00	40H 17- 3		50D 10-35
	50D 12- 6	6H4-81303-A0	40H 17- 9		23- 3	6H5-43128-00-EJ	40H 21- 4
	28- 2		23- 9		50D 15- 3		50D 10- 4
6H4-45300-01-EJ	40H 15- 1		50D 15- 9		24- 3	6H5-43170-01-EJ	50D 10-31
	50D 13- 1		24- 9		25J/30D 17- 3	6H5-43181-01	40H 21-24
6H4-45300-11-EJ	40H 15- 1	6H4-81332-00	40H 17-23		20- 3		50D 10-20
	50D 13- 1		50D 15-23	6H4-85533-A0	25J/30D 17- 9	6H5-43185-01	40H 21-25
6H4-45301-01-EJ	40H 15- 2	6H4-81337-00	40H 24-20		20- 9		50D 10-21
	50D 13- 2		50D 25-20	6H4-85540-21	40H 18- 1	6H5-43311-01-EJ	40H 21-14
6H4-45321-01	40H 15-10	6H4-81800-12	40H 24- 1		50D 16- 1		50D 10- 8
	50D 13-10		50D 25- 1	6H4-85548-00	40H 17- 6	6H5-43631-00	50D 10-32
6H4-45378-00	40H 15-15	6H4-81830-11	40H 24- 4		23- 6	6H5-43801-00	40H 22-29
	50D 13-15		50D 25- 4		50D 15- 6	6H5-4381A-00	40H 22-39
6H4-45501-00	40H 15-35	6H4-81916-00	40H 18-12		24- 6	6H5-4381E-00	40H 22-36
	50D 13-35		50D 16-12		25J/30D 17- 6	6H5-4381F-00	40H 22-45
6H4-45501-10	40H 15-35	6H4-81975-00	40H 18- 4		20- 6	6H5-43811-00	40H 22-44
	50D 13-35		50D 16- 4	6H4-85550-A0	40H 23- 1	6H5-43812-00	40H 22-40
6H4-45536-00	40H 15- 4	6H4-82105-00	40H 25- 1		50D 24- 1	6H5-43814-00	40H 22-33
	50D 13- 4		50D 26- 1	6H4-85550-F0	40H 17- 1	6H5-4382E-00	40H 22- 8
6H4-45551-00	40H 15-36	6H4-82117-00	40H 24-19		50D 15- 1	6H5-43826-00	40H 22-43

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
6H5-43829-00	40H 22-26	6H5-82127-00	50D 10-59	6J8-14302-00	25J/30D 4- 2	6J8-21707-10	25J/30D 5-29
6H5-43836-00	40H 22-16	6J8-W0001-00	25J/30D 24- 1	6J8-14303-00	25J/30D 4- 3	6J8-2173M-00	25J/30D 5-30
6H5-43837-00	40H 22-15	6J8-W0001-21	25J/30D 25- 1	6J8-14334-00	25J/30D 4-28	6J8-21732-00	25J/30D 19-14
6H5-43840-01-EJ	40H 22- 1	6J8-W0004-00	25J/30D 3- 2	6J8-14417-00	25J/30D 3-12	6J8-21735-00	25J/30D 19-15
6H5-43841-00	40H 22- 2	6J8-W0070-E0	25J/30D 19-10	6J8-14418-00	25J/30D 3-13	6J8-21744-00	25J/30D 5-43
6H5-43844-00	40H 22-19	6J8-W0070-V0	25J/30D 8-10	6J8-14476-00	25J/30D 3-14	6J8-21758-00	25J/30D 5-34
6H5-43846-01	40H 22-10	6J8-W0078-00	25J/30D 25-11	6J8-14483-00	25J/30D 3-16	6J8-2177H-00	25J/30D 19-13
6H5-43849-00	40H 22- 6	6J8-W0084-00-EJ	25J/30D 12- 1	6J8-14497-00	25J/30D 13- 1	6J8-24311-00	25J/30D 7-33
6H5-4385A-00	40H 22-28	6J8-W0090-12-EJ	25J/30D 1- 1	6J8-14523-00	25J/30D 4-27	6J8-24412-00	25J/30D 4-31
6H5-43853-00	40H 22- 7	6J8-W0093-00	25J/30D 24-16	6J8-14527-00	25J/30D 4-17	6J8-24432-00	25J/30D 4-32
6H5-43853-10	40H 22-22	6J8-W4591-00-EL	25J/30D 16-29	6J8-14546-00	25J/30D 4- 9	6J8-24452-00	25J/30D 4-33
6H5-43855-01	40H 22-24	6J8-1111J-00	25J/30D 1-32		24-21	6J8-24471-00	25J/30D 4-30
6H5-43856-00	40H 22-18	6J8-11111-00-94	25J/30D 1-18	6J8-14548-00	25J/30D 4-11	6J8-26301-00	25J/30D 12-25
6H5-43857-00	40H 22-31	6J8-11181-00	25J/30D 1-19		24-23	6J8-28170-00	25J/30D 7-36
6H5-43858-00	40H 22-30		24- 5	6J8-14555-00	25J/30D 4-19	6J8-41111-00-9M	25J/30D 1-30
6H5-43858-10	40H 22-17	6J8-11191-00-9M	25J/30D 1-20	6J8-14578-00	25J/30D 4-38	6J8-41113-00-9M	25J/30D 1-28
6H5-43859-00	40H 22-23	6J8-11193-00	25J/30D 1-21	6J8-14592-00	25J/30D 4-25	6J8-41114-00	25J/30D 1-31
6H5-4386F-00	40H 22-25		24- 6	6J8-14737-00	25J/30D 14- 7		24- 8
6H5-43861-00	40H 22- 3	6J8-11325-00	25J/30D 1-11	6J8-1492E-48	25J/30D 4-14	6J8-41131-00-9M	25J/30D 14- 6
6H5-43862-00	40H 22- 5	6J8-11400-10	25J/30D 2- 1	6J8-1492E-51	25J/30D 4-14	6J8-41137-00-94	25J/30D 14- 4
6H5-43863-00	40H 22- 9	6J8-11536-00	25J/30D 2- 2	6J8-1492F-25	25J/30D 4-12	6J8-41213-00	25J/30D 13- 2
6H5-43864-00	40H 22-11	6J8-11537-00	25J/30D 5- 2	6J8-1492F-27	25J/30D 4-12	6J8-41217-00	25J/30D 3-26
6H5-43865-00	40H 22-12	6J8-11610-00	25J/30D 2- 9	6J8-14923-00	25J/30D 4-18	6J8-41237-00	25J/30D 5-24
	22-27	6J8-11610-10	25J/30D 2- 9	6J8-14966-00	25J/30D 4-13	6J8-41238-00	25J/30D 5-23
6H5-43866-00	40H 22-14	6J8-11610-20	25J/30D 2- 9		24-24	6J8-41257-00	25J/30D 3-22
6H5-43867-00	40H 22-20	6J8-11631-01-97	25J/30D 2- 8	6J8-14980-00	25J/30D 4- 5	6J8-41259-00	25J/30D 3-19
6H5-43868-00	40H 22-21	6J8-11633-00	25J/30D 2-10	6J8-14981-00	25J/30D 4-29	6J8-41262-00	40H 3-23
6H5-43871-00	40H 22-35	6J8-11635-01	25J/30D 2- 8	6J8-14984-00	25J/30D 4- 4		11-46
6H5-43872-00	40H 22-48	6J8-11636-01	25J/30D 2- 8		24-11		50D 3-23
6H5-43873-00	40H 22-38	6J8-13117-00	25J/30D 5- 3		24-18		25J/30D 3-23
6H5-43875-00	40H 22-13	6J8-13155-00	25J/30D 5-20	6J8-14985-00	25J/30D 4- 8		11-46
6H5-43880-00	40H 22-42	6J8-13183-00	25J/30D 5-16		24-20	6J8-41271-01	25J/30D 3-21
6H5-43883-00	40H 22-34	6J8-13200-00	25J/30D 5- 5	6J8-14991-00	25J/30D 4- 6	6J8-41274-00	40H 3-24
6H5-43886-00	40H 22-47	6J8-13411-00	25J/30D 5-35	6J8-14995-00	25J/30D 4- 7		50D 3-24
6H5-43887-00	40H 22-46	6J8-13414-00	25J/30D 5-36		24-19		25J/30D 3-25
6H5-43891-00	40H 22- 4	6J8-13416-00	25J/30D 5-37	6J8-15100-10-94	25J/30D 1- 2	6J8-41615-00	25J/30D 17-15
6H5-43893-00	40H 22-32	6J8-13436-00	25J/30D 19-12	6J8-15396-00-9M	25J/30D 2-14	6J8-41618-00	40H 17-18
6H5-43896-00	40H 22-37	6J8-13471-00	25J/30D 5- 6	6J8-15705-00	25J/30D 6-25		50D 15-18
6H5-43897-00	40H 22-41	6J8-13475-00	25J/30D 5- 7	6J8-15710-00	25J/30D 6- 1		25J/30D 17-16
6H5-45943-00-EL	40H 16-28	6J8-13610-00	25J/30D 3- 1	6J8-15711-00-94	25J/30D 6- 2	6J8-41631-02	25J/30D 13- 7
	50D 14-31	6J8-13621-00	25J/30D 3- 7	6J8-15714-00	25J/30D 6-17	6J8-42121-00-EJ	25J/30D 10-30
6H5-45945-00-EL	40H 16-28		24-10	6J8-15723-E0	25J/30D 21-32	6J8-42137-00	25J/30D 12-16
	50D 14-31	6J8-13641-10-94	25J/30D 3- 5	6J8-15723-00	25J/30D 6-48	6J8-42154-01	25J/30D 13-30
6H5-45952-00-EL	40H 16-28	6J8-14118-00	25J/30D 4-16	6J8-15746-01	25J/30D 6-34	6J8-42167-00	25J/30D 13- 6
	50D 14-31		24-26	6J8-15747-00	25J/30D 6-38	6J8-42169-01	A.P. 3- 8
6H5-45958-00-EL	40H 16-28	6J8-14126-00	25J/30D 4-15	6J8-15758-00-94	25J/30D 6- 4		25J/30D 23- 8
	50D 14-31		24-25	6J8-15762-00	25J/30D 6- 7	6J8-42192-00	25J/30D 13-27
6H5-48511-50-EJ	50D 19-36	6J8-14159-00	25J/30D 4-10	6J8-15770-00	25J/30D 6-33	6J8-42510-01-EJ	25J/30D 10-23
	A.P. 4- 7		24-22	6J8-15771-00-94	25J/30D 6-40	6J8-42528-00	25J/30D 10-20
6H5-81920-00	40H 25-31	6J8-14198-00	25J/30D 3-10	6J8-15772-00-94	25J/30D 6-41	6J8-42610-E1-EJ	25J/30D 19- 1
6H5-81950-10	40H 25-26		24-12	6J8-15774-00	25J/30D 6-39	6J8-42610-V1-EJ	25J/30D 8- 1
6H5-82117-00	50D 19-45		24-17	6J8-15787-00	25J/30D 6-13	6J8-42613-00-EJ	25J/30D 8- 6
6H5-82127-00	40H 21-40	6J8-14301-10	25J/30D 4- 1	6J8-21707-00	25J/30D 5-29	6J8-42613-10-EJ	25J/30D 19- 6

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
6J8-42615-00	25J/30D 8- 2 19- 2	6J8-43611-01	40H 11-19 50D 23-19	6J8-44177-00	A.P. 3- 5 25J/30D 23- 5	6J8-81822-00-94	25J/30D 21-20
6J8-42651-02	25J/30D 8- 3 19- 3	6J8-43613-01	25J/30D 11-19 40H 11-17	6J8-44311-00	40H 15-20 50D 13-20	6J8-81916-00	25J/30D 22-11
6J8-42652-00	25J/30D 8- 4 19- 4		50D 23-17 25J/30D 11-17		25J/30D 15-18	6J8-81945-00	25J/30D 22- 3
6J8-42677-00	25J/30D 8- 8 19- 8	6J8-43614-00	40H 11-15 50D 23-15	6J8-44361-00	25J/30D 16- 1	6J8-82531-00	25J/30D 18- 7
6J8-42678-00	25J/30D 8- 9 19- 9		25J/30D 11-15	6J8-44361-10	25J/30D 16- 1	6J8-82553-00	25J/30D 9-30
6J8-42711-00-EJ	25J/30D 9- 1	6J8-43615-00	40H 11-16 50D 23-16	6J8-44511-00-EJ	25J/30D 10-44	6J8-82580-00	25J/30D 22-20
6J8-42716-00	25J/30D 9-14		25J/30D 11-16	6J8-45111-00-EJ	25J/30D 14- 1	6J8-84387-00	25J/30D 9-28
6J8-42719-20	25J/30D 9-23	6J8-43616-10	40H 11-47	6J8-45113-00	25J/30D 1-37 24-14	6J8-85410-00	40H 9-30 50D 9-27
6J8-42723-J0	A.P. 3-17 25J/30D 9-21	6J8-43617-00	25J/30D 11-47 40H 11-32	6J8-45114-01	25J/30D 14- 5 25- 2	6J8-85540-H0	25J/30D 18- 1
6J8-42723-20	25J/30D 9-21 23-17		50D 23-32 25J/30D 11-32	6J8-45215-00	25J/30D 16-16	6J8-85548-00	25J/30D 17-18
6J8-42724-00	25J/30D 9-11	6J8-43617-10	40H 11-40	6J8-45224-10	25J/30D 16- 5	6J8-85550-A0	25J/30D 20- 1
6J8-42724-10	A.P. 3-19 25J/30D 23-19	6J8-43627-00	40H 11-10 50D 23-10	6J8-45300-02-EJ	25J/30D 15- 1	6J8-85550-F0	25J/30D 17- 1
6J8-42724-50	25J/30D 22-21		25J/30D 11-10	6J8-45300-12-EJ	25J/30D 15- 1	6J8-85570-20	25J/30D 18-10
6J8-42726-00	25J/30D 9-12	6J8-43631-00	40H 11-26 50D 23-26	6J8-45301-01-EJ	25J/30D 15- 2	6J8-85720-00	25J/30D 5-52
6J8-42726-10	25J/30D 22-25		25J/30D 11-26	6J8-45501-00	25J/30D 15-34	6J8-86110-00	25J/30D 22-14
6J8-42726-20	25J/30D 22-24		40H 11-36	6J8-45501-10	25J/30D 15-34	6J8-86116-00	25J/30D 22-15
6J8-42728-20	25J/30D 9- 9	6J8-43631-10	25J/30D 11-26 40H 11-36	6J8-45536-00	25J/30D 15- 4	6K1-82510-01	A.P. 16-23
6J8-42735-00	25J/30D 9-22		25J/30D 11-36	6J8-45551-00	25J/30D 15-35	6K1-82570-01	A.P. 16-21
6J8-42741-20	25J/30D 9-19	6J8-43633-00	40H 11-27 11-37	6J8-45560-00	25J/30D 15-37	6K1-82571-00	A.P. 16-22
6J8-42815-00-EJ	25J/30D 9- 2		50D 23-27	6J8-45567-01-10	25J/30D 15-39	6K1-82575-00	A.P. 16-25
6J8-42816-00	25J/30D 9- 6		25J/30D 11-27	6J8-45567-01-12	25J/30D 15-39	6K1-83614-00	A.P. 16-30
6J8-42831-00	25J/30D 9- 8		11-37	6J8-45567-01-15	25J/30D 15-39	6K1-85830-01	A.P. 16-29
6J8-42846-00	A.P. 3-18 25J/30D 9-24 23-18	6J8-43641-00	40H 11-30 11-39	6J8-45567-01-18	25J/30D 15-39	6K5-42717-00	60F/70B 8-14
6J8-43113-01	40H 10- 9 21-10 50D 10-16 22- 9 25J/30D 10-10		50D 23-30 25J/30D 11-30 11-39	6J8-45567-01-30	25J/30D 15-39	6K5-45551-00	60F/70B 17-37
6J8-43131-00	25J/30D 10- 7	6J8-43673-00	40H 11-35 25J/30D 11-35	6J8-45567-01-40	25J/30D 15-39	6K5-45560-00	60F/70B 17-39
6J8-43131-01	40H 10- 7 21- 8 50D 10-14 22- 7	6J8-43681-01	40H 11-34 25J/30D 11-34	6J8-45567-01-50	25J/30D 15-39	6K5-85550-A0	60F/70B 19- 1
6J8-43181-01	40H 11- 4 50D 23- 4 25J/30D 11- 4	6J8-44111-00-EJ	25J/30D 12-26	6J8-45571-00	25J/30D 15-47	6K9-14301-10	25J/30D 4- 1
6J8-43186-00	40H 11-41 25J/30D 11-41	6J8-44116-00	25J/30D 13-19	6J8-45611-00	25J/30D 15-40	6K9-14302-00	25J/30D 4- 2
6J8-43187-00	40H 11-42 25J/30D 11-42	6J8-44121-00	25J/30D 13-15	6J8-45631-00	25J/30D 15-42	6K9-14303-00	25J/30D 4- 3
6J8-43311-02-EJ	40H 10-17 50D 22-17	6J8-44123-00	25J/30D 13-11	6J8-45635-00	25J/30D 15-45	6K9-41131-00-9M	25J/30D 14- 6
6J8-43311-03-EJ	25J/30D 10-17	6J8-44124-00	25J/30D 12-31	6J8-45986-10-98	25J/30D 16-30	6K9-42610-E1-EJ	25J/30D 19- 1
		6J8-44125-00	25J/30D 12-27	6J8-48501-02-EJ	A.P. 3- 1 25J/30D 23- 1	6K9-42610-V1-EJ	25J/30D 8- 1
		6J8-44142-00	25J/30D 13-33	6J8-48511-00-EJ	A.P. 3-20 25J/30D 23-20	6K9-42678-00	25J/30D 8- 9 19- 9
		6J8-44143-00	25J/30D 13-22	6J8-48531-00	A.P. 3- 9 25J/30D 23- 9	6Y1-W2420-62-24	A.P. 1- 1 25J/30D 7- 1
		6J8-44150-00	25J/30D 15-15	6J8-48532-00	A.P. 3-10 25J/30D 23-10	6Y1-24167-00	A.P. 1- 9 25J/30D 7- 9
		6J8-44150-10	25J/30D 15-15	6J8-48534-00	A.P. 3- 3 25J/30D 23- 3	6Y1-24246-00	A.P. 1- 2 25J/30D 7- 2
		6J8-44173-02	A.P. 3- 7 25J/30D 23- 7	6J8-48544-01	A.P. 3- 4 25J/30D 23- 4	6Y1-24256-80	A.P. 1-10 25J/30D 7-10
				6J8-81332-00	25J/30D 17-21	6Y1-24257-00	A.P. 1- 3 25J/30D 7- 3
				6J8-81337-10	25J/30D 21-27	6Y1-24260-02	A.P. 1- 4 25J/30D 7- 4
				6J8-81338-00	25J/30D 21-31	6Y1-24268-00	A.P. 1- 5 25J/30D 7- 5
				6J8-81365-00	25J/30D 21-33	6Y1-24305-01	A.P. 1-18 25J/30D 7-18
						6Y1-24306-05	A.P. 1-11

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
6Y1-24306-05	25J/30D 7-11	624-14485-00	60F/70B 1- 5	650-24431-00	80A/90A 21-19	663-14592-00	80A/90A 4-28
6Y1-24329-00	A.P. 1- 7		80A/90A 1- 5	655-24521-01	40H 7- 8	663-14737-10	80A/90A 15-13
	25J/30D 7- 7	624-42542-00	40H 5-34		50D 7- 8	663-14992-00	40H 4-17
6Y1-24360-02	A.P. 1-13		19-39		25J/30D 7-28		50D 4-17
	25J/30D 7-13		50D 5-34		60F/70B 6- 9	663-24312-01	60F/70B 1-41
6Y1-24610-00	A.P. 1- 8		17-39		80A/90A 6- 9		80A/90A 1-50
	25J/30D 7- 8	25J/30D 5-49	655-24560-01	40H 7- 5	663-24411-00	40H 7-23	
6Y5-W0080-11	A.P. 13-22	60F/70B 5-45		50D 7- 5		50D 7-23	
6Y5-W0081-30	A.P. 13-12	80A/90A 5-46		25J/30D 7-25		60F/70B 6-24	
6Y5-W0081-40	A.P. 13- 1	40H 2- 8		60F/70B 6- 6		80A/90A 6-21	
6Y5-W0088-00	A.P. 13-30	50D 2- 8		80A/90A 6- 6	663-42662-00	60F/70B 7- 5	
6Y5-W0088-10	A.P. 13-50	40H 7-15	656-W2810-01	A.P. 1-20		80A/90A 7- 5	
6Y5-W0088-20	A.P. 13-60	50D 7-15		25J/30D 7-35	663-42724-00	80A/90A 8-11	
6Y5-W0088-31	A.P. 13-42	60F/70B 6-16	656-15748-00	40H 6-43	663-43145-00	40H 10-12	
6Y5-82117-00	A.P. 15- 4	80A/90A 6-13		50D 6-43		21-13	
6Y5-82149-00	A.P. 15- 3	40H 7-17		25J/30D 6-31		50D 10-19	
6Y5-82521-00	A.P. 15- 5	50D 7-17	656-42126-01	40H 12-24		19-13	
6Y5-83504-01	A.P. 13-43	60F/70B 6-18	661-41262-02	40H 3-20		22-12	
6Y5-83510-30	A.P. 13- 2	80A/90A 6-15		6-46		25J/30D 10-12	
	13-13	40H 7-16		50D 3-20		60F/70B 9-20	
6Y5-83514-00	A.P. 13- 6	50D 7-16		6-46		10-19	
	13-17	60F/70B 6-17		25J/30D 3-20		80A/90A 9-20	
	13-27	80A/90A 6-14		6-47		10-19	
6Y5-83518-00	50D 20- 4	40H 7-18		60F/70B 3-16	663-43318-00	40H 21-30	
	A.P. 13-32	50D 7-18		3-19		50D 10-26	
	13-47	60F/70B 6-19		80A/90A 3- 5		19-20	
	13-52	80A/90A 6-16	663-11518-01	80A/90A 1- 6		60F/70B 9-28	
	13-62	40H 7-22	663-14126-00	40H 4-19		80A/90A 9-28	
	60F/70B 12- 4	50D 7-22		26-29	663-44315-00	40H 15-23	
	80A/90A 12- 4	60F/70B 6-23		50D 4-19		27- 8	
6Y5-83523-00	A.P. 13- 5	80A/90A 6-20		27-29		27-18	
	13-16	60F/70B 6-10		60F/70B 4-19		50D 13-23	
	13-26	60F/70B 15-28		22-31		28- 8	
6Y5-83536-00	A.P. 13-33	80A/90A 14-49		80A/90A 4-20		28-18	
	13-46	40H 10- 6		21-30		25J/30D 15-21	
	13-53	50D 22- 6	663-14159-00	40H 4- 9		25- 4	
	13-63	25J/30D 10- 6		26-22		25-14	
6Y5-83540-12	A.P. 13-23	40H 13-34		50D 4- 9	663-44316-00	40H 15-29	
6Y5-83553-00	A.P. 13-28	50D 11-34		27-22		27-10	
	15- 1	25J/30D 15-44		60F/70B 4- 9		27-21	
6Y5-83590-00	A.P. 13-51	25J/30D 1- 3		22-24		50D 13-29	
6Y5-83660-00	A.P. 13-31	60F/70B 1- 4		80A/90A 4-10		28-10	
6Y5-83670-01	50D 20- 3	80A/90A 1- 4	663-14523-00	40H 4-29		28-21	
	60F/70B 12- 3	A.P. 1-15		50D 4-29		25J/30D 15-27	
	80A/90A 12- 3	18-13		60F/70B 4-29		25- 7	
6Y5-85750-00	A.P. 13-61	25J/30D 7-15		80A/90A 4-30		25-17	
616-43118-00-EJ	40H 10- 3	650-24431-00	40H 7-27	663-14527-00	40H 4-20	663-44322-00	40H 15-21
	50D 22- 3		26-16		50D 4-20		27-16
	25J/30D 10- 3		50D 7-27		60F/70B 4-20		50D 13-21
619-15755-01	40H 6-14		27-16		80A/90A 4-21		28-16
	50D 6-14	60F/70B 6-28		663-14592-00	40H 4-27	25J/30D 15-19	
	25J/30D 6-14	22-17			50D 4-27	25-12	
624-14485-00	25J/30D 1- 4	80A/90A 6-25		60F/70B 4-27		60F/70B 17-22	

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
663-44322-00	60F/70B 23-16	663-45119-00	80A/90A 9-13	663-45930-00-98	40H 16-28	663-82581-01	A.P. 16- 7
663-44323-00	40H 15-30		10-12		50D 14-31	663-83553-A0	A.P. 13-48
	27-19	663-45123-00	40H 14-10	663-45941-01-EL	40H 16-28		13-59
	50D 13-30		27- 5		50D 14-31		13-68
	28-19		50D 12-10	663-45943-02-EL	40H 16-28		80A/90A 20-27
	25J/30D 15-28		28- 5		50D 14-31	663-83553-Y0	A.P. 13-49
	25-15	663-45155-10	80A/90A 15- 2	663-45945-02-EL	40H 16-28		13-58
663-44324-00	40H 15-31	663-45376-00-94	40H 16- 1		50D 14-31		13-67
	27- 9		50D 14- 1	663-45947-02-EL	40H 16-28	663-83668-00	A.P. 13-38
	27-20		25J/30D 16- 7		50D 14-31	663-84301-00	A.P. 17- 5
	50D 13-31		60F/70B 18- 1	663-45949-01-EL	40H 16-28	663-84309-00	A.P. 17- 6
	28- 9		80A/90A 17- 1		50D 14-31	663-85518-00	40H 17-12
	28-20	663-45576-00	40H 15-55	663-45952-02-EL	40H 16-28		50D 15-12
	25J/30D 15-29		50D 13-55		50D 14-31		25J/30D 17-10
	25- 8	663-45577-01-10	40H 15-54	663-45954-01-EL	40H 16-28		60F/70B 19- 4
	25-16		50D 13-54		50D 14-31		80A/90A 14-18
663-44341-00-94	40H 15-26	663-45577-01-12	40H 15-54	663-45956-01-EL	40H 16-28		18- 4
	50D 13-26		50D 13-54		50D 14-31	664-42119-00	40H 12- 3
	25J/30D 15-24	663-45577-01-15	40H 15-54	663-45958-01-EL	40H 16-28		25J/30D 12-14
663-44366-00	40H 15-24		50D 13-54		50D 14-31	664-45371-01	40H 16- 7
	27-24	663-45577-01-18	40H 15-54	663-45970-60-98	40H 16-28		50D 14- 7
	50D 13-24		50D 13-54		50D 14-31		25J/30D 16-19
	28-24	663-45577-01-30	40H 15-54	663-45972-60-98	40H 16-28	664-45384-00	25J/30D 15-56
	25J/30D 15-22		50D 13-54		50D 14-31	664-45576-00	25J/30D 15-51
	60F/70B 18-15	663-45577-01-40	40H 15-54	663-45974-02-98	50D 14-31	664-45577-01-10	25J/30D 15-50
	23-14		50D 13-54	663-45974-60-98	40H 16-28	664-45577-01-12	25J/30D 15-50
	80A/90A 17-15	663-45577-01-50	40H 15-54	663-45976-00-98	40H 16-28	664-45577-01-15	25J/30D 15-50
	22-16		50D 13-54		50D 14-31	664-45577-01-18	25J/30D 15-50
663-44367-00	40H 16-22	663-45587-01-10	40H 15- 5	663-45978-00-98	40H 16-28	664-45577-01-30	25J/30D 15-50
	50D 14-22		50D 13- 5		50D 14-31	664-45577-01-40	25J/30D 15-50
	25J/30D 16- 3		25J/30D 15- 5	663-45987-01	40H 16-23	664-45577-01-50	25J/30D 15-50
	60F/70B 18-14	663-45587-01-12	40H 15- 5		50D 14-26	664-45941-01-EL	25J/30D 16-28
	80A/90A 17-14		50D 13- 5	663-48344-00	40H 13-35	664-45943-01-EL	25J/30D 16-28
663-44551-01-EJ	80A/90A 9-41		25J/30D 15- 5		60F/70B 15-18	664-45945-00-EL	25J/30D 16-28
	10-38	663-45587-01-15	40H 15- 5		15-41	664-45947-01-EL	25J/30D 16-28
663-44553-00-EJ	80A/90A 9-55		50D 13- 5		80A/90A 14- 6	664-45949-02-EL	25J/30D 16-28
	10-52		25J/30D 15- 5	663-48531-00	80A/90A 14- 1	664-45952-00-EL	25J/30D 16-28
663-44575-00	60F/70B 9-48	663-45587-01-18	40H 15- 5	663-48538-00	80A/90A 14- 2	664-45954-00-EL	25J/30D 16-28
	9-64		50D 13- 5	663-81811-11	80A/90A 19- 7	664-45970-00-98	25J/30D 16-28
	10-45		25J/30D 15- 5	663-81812-11	80A/90A 19- 8	664-45987-00	25J/30D 16-23
	10-61	663-45587-01-30	40H 15- 5	663-81813-10	80A/90A 19- 9	670-44321-00	40H 27-28
	80A/90A 9-48		50D 13- 5	663-81820-11	80A/90A 19-10		50D 28-28
	9-64		25J/30D 15- 5	663-81826-10	80A/90A 19-13		25J/30D 25-22
	10-45	663-45587-01-40	40H 15- 5	663-81832-11	80A/90A 19-11		60F/70B 23-28
	10-61		50D 13- 5	663-81840-10	80A/90A 19- 6	670-44322-01	40H 27-27
663-45119-00	40H 10-19		25J/30D 15- 5	663-81910-10	A.P. 14-14		50D 28-27
	21-22	663-45587-01-50	40H 15- 5	663-81922-00	80A/90A 20- 8		25J/30D 25-21
	50D 10-10		50D 13- 5	663-82151-00	80A/90A 20-30		60F/70B 23-27
	19- 8		25J/30D 15- 5	663-82521-09	A.P. 17-11	670-44323-00	40H 27-29
	22-19	663-45633-00	40H 15-46	663-82554-01	A.P. 16-51		50D 28-29
	25J/30D 10-19		50D 13-46	663-82555-01	A.P. 16-48		25J/30D 25-23
	60F/70B 9-13	663-45634-00	40H 15-43		16-52	670-45997-01	40H 16-24
	10-12		50D 13-43	663-82557-00	25J/30D 9-29		50D 14-27

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
676-11372-00	25J/30D 1-29	679-14555-00	60F/70B 4-26	688-W0001-20	80A/90A 22- 1	688-14592-00	80A/90A 4-12
676-11633-00	80A/90A 2-17		80A/90A 4-27	688-W0004-00	60F/70B 3- 2	688-14711-01-9M	80A/90A 15-11
676-14186-00	40H 4-10	679-41636-00	60F/70B 15-16		80A/90A 3-15	688-14980-00	80A/90A 4-16
	26-23	679-45331-00-94	40H 15-52	688-W0078-1A	80A/90A 22-28	688-15379-00	80A/90A 2- 5
	50D 4-10		50D 13-52	688-W0088-40	A.P. 17- 4	688-24307-00	A.P. 18- 9
	27-23	679-45611-01	40H 15-41	688-11119-00	60F/70B 1-21	688-24313-00	25J/30D 7-32
	60F/70B 4-10		50D 13-41		80A/90A 1-27		80A/90A 6-31
	22-25	682-41237-00	40H 13- 8	688-11181-02	80A/90A 1-31	688-24314-00	80A/90A 6-32
	80A/90A 4-11		50D 11- 8		21- 7	688-24378-00	40H 7-31
	21-24		25J/30D 5-27	688-11191-00-9M	80A/90A 1-35		50D 7-31
676-14485-00	25J/30D 3- 6		13- 9	688-11193-01	80A/90A 1-36		60F/70B 6-33
676-14943-30	40H 4- 5		13-28		21- 9		80A/90A 6-35
676-14943-31	40H 4- 5		80A/90A 14-29	688-11325-00	40H 1- 8	688-24540-00	A.P. 18- 1
676-14943-33	50D 4- 5	682-41237-50	60F/70B 15-20		50D 1- 8	688-24554-00	A.P. 18- 3
676-14943-35	60F/70B 4- 5		80A/90A 14-24		80A/90A 1-25	688-24559-00	A.P. 18- 4
676-14943-36	60F/70B 4- 5	682-42726-00	25J/30D 13-35	688-11370-00	60F/70B 1- 3	688-41111-00-9M	80A/90A 1-47
676-14943-37	60F/70B 4- 5	682-42727-00	40H 9-19		80A/90A 1- 3	688-41112-00	80A/90A 1-48
676-14943-39	80A/90A 4- 5		50D 9-19	688-11411-01	80A/90A 2- 8		21-11
676-14943-40	80A/90A 4- 5	682-43318-01	40H 11- 9	688-11634-10	60F/70B 2-11	688-41113-00-9M	80A/90A 1-49
676-14966-00	40H 4- 7		50D 10-34		80A/90A 2-18	688-41131-00-9M	80A/90A 15- 9
	26-20		23- 9	688-11650-03	80A/90A 2-19	688-41133-00	80A/90A 15-10
	50D 4- 7		25J/30D 11- 5	688-12411-01	80A/90A 1-42		22- 4
	27-20		60F/70B 11- 3	688-12413-00-9M	80A/90A 1-43	688-41134-00	80A/90A 15- 8
	60F/70B 4- 7		80A/90A 11- 3	688-12414-00	80A/90A 1-44		22- 3
	22-22	682-44117-00	40H 13-23		21-10	688-41137-02-94	80A/90A 15- 6
	80A/90A 4- 7		50D 11-23	688-12416-00	80A/90A 1-40	688-41211-01	80A/90A 14-27
676-14984-00	80A/90A 4-15	682-44132-00	40H 13-19	688-13610-00	80A/90A 3-14	688-41213-00	80A/90A 14-30
	21- 6		50D 11-19	688-13621-00	80A/90A 3-12	688-41217-00	80A/90A 3- 3
	21-27		25J/30D 12-28		21- 4	688-41257-00	80A/90A 3- 4
676-14985-01	80A/90A 4-13	682-44147-00	25J/30D 15-16	688-13624-00	80A/90A 3-13	688-41611-00	80A/90A 18-11
	21-25	682-44176-00	25J/30D 15-13	688-14126-00	40H 4-21	688-41612-00	80A/90A 18-12
676-15741-03	40H 6-23	682-48538-50	A.P. 3-11		26-30	688-41631-00-94	80A/90A 14-17
	50D 6-23		25J/30D 23-11		50D 4-21	688-41632-01-94	80A/90A 14- 7
	25J/30D 6-23	682-82556-00	40H 9-28		27-30	688-42510-01-EJ	80A/90A 9-37
676-42726-00	40H 25-22		A.P. 7-52		60F/70B 4-21		10-33
	50D 26-23		8-52		22-32	688-42615-00	80A/90A 7-13
	A.P. 14- 4		14- 6		80A/90A 4-22	688-42652-10	80A/90A 7- 6
	14-10		14- 8	688-14198-00	80A/90A 3- 9	688-42711-03-EJ	80A/90A 8- 1
676-43160-01	40H 21-18		16- 6		21- 3	688-42716-02	80A/90A 8-10
	50D 10-28		16-15		21-21	688-42725-01	80A/90A 8-12
676-43165-00	40H 11- 2		16-26	688-14527-00	40H 4-22	688-42725-10	80A/90A 8-12
	21-19		25J/30D 9-26		50D 4-22	688-42726-10	50D 9- 9
	50D 10-29	682-84380-00	A.P. 14-11		60F/70B 4-22		60F/70B 8-29
	23- 2	682-84381-00	A.P. 14-12		80A/90A 4-23		80A/90A 8-23
	25J/30D 11- 2		25J/30D 9-27	688-14548-00	40H 4-13	688-42738-00-94	80A/90A 8-13
676-45635-00	40H 15-42	682-84382-00	A.P. 14-13		26-25	688-42741-00-EJ	80A/90A 8-24
	50D 13-42	682-86117-00	25J/30D 22-16		50D 4-13	688-42771-00-EJ	80A/90A 8-25
676-81809-10	80A/90A 19- 3	687-44552-01-94	80A/90A 9-50		27-25	688-42815-00-EJ	80A/90A 8- 3
676-81850-10	80A/90A 19- 2		10-47		60F/70B 4-13	688-42816-00	80A/90A 8- 7
676-81857-10	80A/90A 19- 4	687-44555-00-94	60F/70B 9-43		22-27	688-42817-00-EJ	80A/90A 8- 4
677-15717-01	25J/30D 6-19		10-40		80A/90A 4-14	688-43111-12-EJ	60F/70B 9- 1
679-14555-00	40H 4-26		80A/90A 9-43		21-26		80A/90A 9- 1
	50D 4-26		10-40	688-14572-01	80A/90A 4-24	688-43112-12-EJ	60F/70B 9- 5

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
688-43112-12-EJ	80A/90A 9- 5	688-44315-00	80A/90A 22- 9	688-45331-00-94	80A/90A 16-55	688-45587-01-10	80A/90A 16- 5
688-43124-02	60F/70B 11- 6		22-20	688-45341-00	40H 15- 9	688-45587-01-12	60F/70B 17- 5
	80A/90A 11- 5	688-44316-01	60F/70B 17-29		50D 13- 9		80A/90A 16- 5
688-43128-01-EJ	60F/70B 11- 5		23- 9		60F/70B 17-10	688-45587-01-15	60F/70B 17- 5
	80A/90A 11- 1		23-21		80A/90A 16-10		80A/90A 16- 5
688-43131-03	50D 19- 9		80A/90A 16-29	688-45371-02	60F/70B 18- 3	688-45587-01-18	60F/70B 17- 5
	60F/70B 9-16		22-11		80A/90A 17- 3		80A/90A 16- 5
	10-15		22-23	688-45375-00	40H 16- 2	688-45587-01-30	60F/70B 17- 5
	80A/90A 9-16	688-44321-41	80A/90A 22-29		50D 14- 2		80A/90A 16- 5
	10-15	688-44322-00	80A/90A 16-22	25J/30D 16- 4		688-45587-01-40	60F/70B 17- 5
688-43160-01	60F/70B 9-29		22-18	60F/70B 18- 2			80A/90A 16- 5
	10-25	688-44322-41	80A/90A 22-30	80A/90A 17- 2		688-45587-01-50	60F/70B 17- 5
	80A/90A 9-29	688-44323-00	80A/90A 16-30	688-45383-02	60F/70B 17-68		80A/90A 16- 5
	10-25		22-21		80A/90A 16-62	688-45633-00	60F/70B 17-52
688-43165-00	50D 19-23	688-44323-40	80A/90A 22-31	688-45384-00	60F/70B 17-69		80A/90A 16-52
	60F/70B 9-30	688-44324-00	80A/90A 16-31		80A/90A 16-63	688-45930-01-98	60F/70B 18-23
	10-26		22-10	688-45501-21	80A/90A 16-36		80A/90A 17-25
	80A/90A 9-30		22-22		22-38	688-45932-60-98	60F/70B 18-23
	10-26	688-44341-00-94	80A/90A 16-26	688-45536-01	60F/70B 17- 4		80A/90A 17-25
688-43170-04-EJ	60F/70B 11- 1	688-44352-03	80A/90A 16-24		80A/90A 16- 4	688-45970-03-98	60F/70B 18-23
	80A/90A 11- 8		22-19	688-45551-01	80A/90A 16-37		80A/90A 17-25
688-43181-03	50D 19-14	688-44361-10	80A/90A 17-11	688-45560-00	80A/90A 16-39	688-45972-02-98	60F/70B 18-23
	60F/70B 9-21	688-44361-20	80A/90A 17-11	688-45567-01-10	60F/70B 17- 7		80A/90A 17-25
	80A/90A 9-21		22-39		80A/90A 16- 7	688-45974-02-98	60F/70B 18-23
688-43185-03	50D 19-15	688-44511-00-94	60F/70B 9-65	688-45567-01-12	60F/70B 17- 7		80A/90A 17-25
	60F/70B 9-22		10-62		80A/90A 16- 7	688-45976-01-98	60F/70B 18-23
	80A/90A 9-22		80A/90A 9-65	688-45567-01-15	60F/70B 17- 7		80A/90A 17-25
688-43311-12-EJ	60F/70B 9-10		10-62		80A/90A 16- 7	688-45978-60-98	60F/70B 18-23
	80A/90A 9-10	688-44514-00-94	60F/70B 9-58	688-45567-01-18	60F/70B 17- 7		80A/90A 17-25
688-43376-01	50D 20- 1		10-55		80A/90A 16- 7	688-45987-00	60F/70B 18-18
	60F/70B 12- 1		80A/90A 9-58	688-45567-01-30	60F/70B 17- 7		80A/90A 17-20
688-43631-00	60F/70B 11- 2		10-55		80A/90A 16- 7	688-45997-00	60F/70B 18-19
688-43631-10	60F/70B 11- 2	688-45111-03-EJ	80A/90A 15- 1	688-45567-01-40	60F/70B 17- 7		80A/90A 17-21
	80A/90A 11- 2	688-45113-00	80A/90A 15-22		80A/90A 16- 7	688-48511-00-EJ	A.P. 4- 7
688-43691-01	50D 10- 2		21-17	688-45567-01-50	60F/70B 17- 7		60F/70B 9-68
	60F/70B 9-14	688-45114-01	80A/90A 15- 7		80A/90A 16- 7		80A/90A 9-68
	80A/90A 9-14		22- 2	688-45576-00	60F/70B 17-63	688-48511-10-EJ	80A/90A 9-68
688-43807-11	50D 21-11	688-45123-00	80A/90A 15-12		80A/90A 16-58		10-70
	60F/70B 13-11		22- 5	688-45577-01-10	60F/70B 17-62	688-61301-01	A.P. 5-21
688-43880-11	50D 21- 2	688-45211-00-EJ	80A/90A 15-24		80A/90A 16-57	688-61311-11	A.P. 5-27
	60F/70B 13- 2		22-33	688-45577-01-12	60F/70B 17-62	688-61350-10	A.P. 5-11
688-44117-00-94	80A/90A 14-35	688-45214-02	40H 16- 3		80A/90A 16-57	688-61351-10	A.P. 5-12
688-44118-00-94	80A/90A 14-43		50D 14- 3	688-45577-01-15	60F/70B 17-62	688-81332-01	80A/90A 18-15
688-44122-00	60F/70B 15-40		60F/70B 17-12		80A/90A 16-57	688-81800-11	80A/90A 19- 1
	80A/90A 14-39		80A/90A 16-12	688-45577-01-18	60F/70B 17-62	688-81810-11	80A/90A 19- 5
688-44124-00	80A/90A 14-38	688-45215-02	40H 16- 4		80A/90A 16-57	688-81830-11	80A/90A 19-12
688-44194-00	40H 13-16		50D 14- 4	688-45577-01-30	60F/70B 17-62	688-81940-11	80A/90A 20-26
	50D 11-16		60F/70B 17-13		80A/90A 16-57	688-81949-00	50D 26-35
	60F/70B 15- 5		80A/90A 16-13	688-45577-01-40	60F/70B 17-62		60F/70B 21-55
	80A/90A 1-13	688-45251-01	60F/70B 9- 2		80A/90A 16-57		80A/90A 20-52
	14-21	688-45321-00	60F/70B 17-16	688-45577-01-50	60F/70B 17-62	688-81950-10	40H 25- 2
688-44311-01	80A/90A 16-21		80A/90A 16-16		80A/90A 16-57		50D 26- 2
688-44315-00	80A/90A 16-23	688-45331-00-94	60F/70B 17-60	688-45587-01-10	60F/70B 17- 5		26-29

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
688-81950-10	60F/70B 21-28	688-83557-00	A.P. 13-18	689-61351-01	A.P. 5- 2	689-82575-02	25J/30D 9-25
	21-49	688-83577-00	A.P. 13-45	689-81807-12	25J/30D 21- 3	689-82575-12	A.P. 14- 7
	80A/90A 20-49	688-83591-00	A.P. 13-56	689-81809-11	40H 24- 6	692-W0078-00	80A/90A 22-17
688-81961-01	80A/90A 20-19	688-83664-00	50D 20- 5		50D 25- 6	692-14590-00	80A/90A 4- 9
688-82105-02	80A/90A 20-44		A.P. 13-34		25J/30D 21- 6		21-23
688-82127-02	60F/70B 9-57		13-44		60F/70B 20- 6	692-14923-00	40H 4-25
	10-54		13-54	689-81810-11	25J/30D 21- 8		26-31
	80A/90A 9-57		13-64	689-81811-11	40H 24- 9		50D 4-25
	10-54		60F/70B 12- 5		50D 25- 9		27-31
688-82150-01	80A/90A 20-29		80A/90A 12- 5		25J/30D 21- 9		60F/70B 4-25
688-82388-00	A.P. 17-13	688-83665-00	A.P. 13-35		60F/70B 20-11		22-33
688-82520-00	A.P. 14-15		13-55	689-81812-11	40H 24-11		80A/90A 4-26
688-82526-00	A.P. 14-16	688-83666-00	A.P. 13-37		50D 25-11		21-31
688-82531-01	80A/90A 20-45	688-83667-00	A.P. 13-36		25J/30D 21-11	692-41131-00-9M	80A/90A 15- 9
688-82540-11	A.P. 16-50	688-85510-11	80A/90A 18- 2		60F/70B 20-10	692-41256-00	80A/90A 3- 1
688-82541-10	A.P. 16-49	688-85515-00	80A/90A 20-53	689-81813-10	40H 24-12	697-43111-03-EJ	50D 19- 1
	16-53	688-85537-12	80A/90A 20- 2		50D 25-12		60F/70B 9- 1
688-82560-10	60F/70B 21-47	688-85540-16	80A/90A 20- 1		25J/30D 21-12	697-43112-03-EJ	50D 19- 2
	80A/90A 20-41	688-85542-03-94	80A/90A 20-32		60F/70B 20-12		60F/70B 9- 5
688-82563-10	A.P. 17-12	688-85550-13	80A/90A 18- 1	689-81820-11	25J/30D 21-13	697-43128-00-EJ	60F/70B 11- 5
688-82574-00	A.P. 7-49	688-85580-12	80A/90A 18- 3	689-81826-10	40H 24-14	697-43160-00	50D 19-22
	16- 4	688-85752-01	A.P. 13-66		50D 25-14		60F/70B 9-29
688-82575-01	A.P. 7-51	688-85756-00	A.P. 13-65		25J/30D 21-14	697-43170-03-EJ	60F/70B 11- 1
	8-51	688-86110-01	80A/90A 3-27		60F/70B 20-14	697-43311-02-EJ	50D 19- 6
	16- 5	689-W4266-10	60F/70B 7-24	689-81840-11	40H 24-10		60F/70B 9-10
	16-14		80A/90A 7-23		50D 25-10	697-4380E-01	50D 21-12
688-8258A-10	A.P. 15- 7	689-W4266-20	60F/70B 7-21		25J/30D 21-10		60F/70B 13-12
688-8258A-20	A.P. 7-53		80A/90A 7-20		60F/70B 20- 9	697-45384-00	40H 15-60
	8-53	689-W4266-40	60F/70B 7-22	689-81844-11	25J/30D 21- 5		50D 13-60
688-8258A-30	A.P. 15- 8		7-23		60F/70B 20- 5	697-81901-60	A.P. 17- 8
688-8258A-50	A.P. 15- 6		80A/90A 7-21	689-81847-11	40H 24- 5	697-82127-01	60F/70B 9-57
688-82586-11	A.P. 15- 7		7-22		50D 25- 5	697-82519-00	80A/90A 20-46
688-82586-21	A.P. 7-53	689-15779-01	40H 6-15	689-81850-11	40H 24- 7	697-85570-10	80A/90A 20-11
	8-53		50D 6-15		50D 25- 7	701-48101-10	A.P. 2- 1
688-82586-31	A.P. 15- 8		25J/30D 6-15		25J/30D 21- 7		6- 1
688-82586-50	A.P. 15- 6	689-41273-00	40H 3-26		60F/70B 20- 7	701-48102-10	A.P. 2- 5
688-82588-01	80A/90A 20-42		50D 3-26	689-81857-11	40H 24- 2		6- 1
688-82590-12	80A/90A 20-43		25J/30D 3-24		50D 25- 2	701-48110-22	A.P. 2- 2
688-82594-00	60F/70B 21-38		60F/70B 3-18		25J/30D 21- 2		6- 1
	80A/90A 20-47		80A/90A 3- 2		60F/70B 20- 2	701-48110-31	A.P. 2- 3
688-83354-00	80A/90A 20-48	689-42169-01	25J/30D 13- 8	689-82105-12	25J/30D 22-22	701-48110-80	A.P. 2- 4
688-83373-10	A.P. 17- 3	689-42725-40	A.P. 14- 4	689-82510-00	A.P. 16- 3	701-48120-31	A.P. 2- 6
688-83383-11	A.P. 16-20		14-10	689-82521-00	A.P. 15- 9	701-48126-00	A.P. 6-41
	16-28	689-43373-01	40H 10-21	689-82550-01	A.P. 14- 1	701-48152-11	A.P. 6-13
	17- 1		21-16	689-82550-11	A.P. 14- 2	701-48152-20	A.P. 6-13
688-83516-00	A.P. 13- 3		50D 10-12	689-82553-20	A.P. 14- 3	701-48189-11	A.P. 6-32
	13-14		22-21		14- 9	701-48196-11	A.P. 6- 7
	13-24		25J/30D 10-21	689-82560-00	40H 18-19	701-48197-10	A.P. 6- 3
688-83536-00	A.P. 13- 4		13-26		50D 16-19	701-48198-10	A.P. 6-15
	13-15	689-45214-01	25J/30D 16-15		25J/30D 18-14	701-48213-00	A.P. 6-19
	13-25	689-45331-00-94	25J/30D 15-48	689-82570-15	A.P. 16- 1	701-48221-00	A.P. 6- 6
688-83556-01	A.P. 13- 9	689-45997-00	25J/30D 16-24	689-82571-02	A.P. 16- 2	701-48222-00	A.P. 6-27
688-83557-00	A.P. 13- 7	689-61350-02	A.P. 5- 1		16-11	701-48229-00	A.P. 6-26

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
701-48232-00	A.P. 6-31	701-48350-00	A.P. 2-12	703-48223-00	A.P. 7-31	703-48284-00	A.P. 7-56
701-48234-00	A.P. 6- 5	701-48350-10	A.P. 2-12		8-31		8-56
701-48235-00	A.P. 6- 2	701-48350-20	A.P. 2-12	703-48224-00	A.P. 7-59	703-48290-01	A.P. 2-13
701-48236-00	A.P. 6- 8	701-48358-00	A.P. 6-39		8-59	703-48293-00	A.P. 7-44
701-48239-00	A.P. 6-29	701-82550-50	A.P. 6-40	703-48225-00	A.P. 7-32		8-44
701-48243-00	A.P. 6-14	701-82575-51	A.P. 6-48		8-32	703-48293-10	A.P. 7-44
701-48246-00	A.P. 6-24		14- 5	703-48226-00	A.P. 7-29		8-44
	9- 5	701-82594-00	A.P. 6-43		8-29	703-48328-00	A.P. 10-46
	10- 5	702-48217-00	A.P. 7-47	703-48227-00	A.P. 7-27	703-48345-01	A.P. 7-22
	11- 5		8-47		8-27		8-22
	12- 5	702-48235-00	A.P. 9-63	703-48230-11	A.P. 2- 7		9-22
701-48248-00	A.P. 6-12		10-63		7- 1		10-22
	7-16		11-63	703-48234-00	A.P. 7-21		11-22
	8-16		12-63		8-21		12-22
	9-45	702-48237-00	A.P. 6- 9	703-48235-00	A.P. 7- 4	703-48358-00	A.P. 7-23
	10-45	702-48238-00	A.P. 6-10		8- 4		8-23
	11-45	702-48263-00	A.P. 9-54	703-48236-00	A.P. 7-19		9-27
	12-45		10-54		8-19		10-27
701-48249-00	A.P. 6-11		11-54	703-48238-00	A.P. 7-25		11-27
701-48252-00	A.P. 6- 4		12-54		8-25		12-27
701-48253-12	A.P. 6-34	702-48288-00	A.P. 6-23		9-46	703-82119-00	60F/70B 12-11
701-48255-00	A.P. 6-21	703-48153-00	A.P. 7- 3		11-46	703-82510-01	A.P. 7-48
701-48261-00	A.P. 6-38		8- 3		12-46		8-48
701-48261-10	A.P. 6-38	703-48189-00	A.P. 7-20	703-48243-00	A.P. 7-18	703-82531-00	A.P. 7-50
701-48266-00	A.P. 6-30		8-20		8-18		8-50
701-48268-00	A.P. 6-18	703-48192-00	A.P. 9-61	703-48244-00	A.P. 7-24	703-82540-00	A.P. 7-54
701-48271-00	A.P. 6-35		10-61		8-24		8-54
701-48271-10	A.P. 6-35		11-61	703-48245-00	A.P. 7-14	703-82563-01	A.P. 7-59
701-48280-00	A.P. 6-47		12-61		8-14		8-59
701-48281-00	A.P. 6-16	703-48197-00	A.P. 7- 6	703-48246-00	A.P. 7-26	703-82574-00	A.P. 8-49
701-48282-00	A.P. 6-28		8- 6		8-26		16-13
701-48283-00	A.P. 6-42	703-48198-00	A.P. 7-17	703-48250-11	A.P. 2- 8		16-24
701-48287-00	A.P. 6-45		8-17		7- 1	703-82591-00	A.P. 7-57
	7-45	703-48202-11	A.P. 2- 9	703-48252-00	A.P. 7-15		8-57
	8-45		8- 1		8-15	703-82592-00	A.P. 7-58
701-48289-00	A.P. 6-17	703-48203-11	A.P. 2- 7	703-48261-00	A.P. 8- 2		8-58
701-48291-00	A.P. 6-44		8- 1	703-48261-10	A.P. 7- 2	703-82594-00	A.P. 7-28
701-48310-10	A.P. 2-12	703-48205-11	A.P. 2- 8	703-48263-00	A.P. 7- 8		8-28
701-48310-20	A.P. 2-12		8- 1		8- 8	703-83383-01	A.P. 7-55
701-48310-40	A.P. 2-12	703-48208-11	A.P. 2- 9		9-37		8-55
701-48310-60	A.P. 2-12		8- 1		10-37	704-48114-00	A.P. 10-59
701-48310-80	A.P. 2-12	703-48215-00	A.P. 7-46		11-37	704-48128-00	A.P. 10-73
701-48310-90	A.P. 2-12		8-46		12-37		12-73
701-48320-00	A.P. 2-12	703-48219-00	A.P. 7-33	703-48264-00	A.P. 7- 9	704-48144-00	A.P. 9-59
701-48320-20	A.P. 2-12		8-33		8- 9		11-59
701-48320-30	A.P. 2-12	703-48220-11	A.P. 2- 9	703-48265-00	A.P. 7-12		12-59
701-48320-40	A.P. 2-12		7- 1		8-12	704-48156-00	A.P. 12-74
701-48320-50	A.P. 2-12	703-48221-00	A.P. 7-60	703-48268-00	A.P. 7- 7	704-48166-00	A.P. 9-66
701-48320-60	A.P. 2-12		8-60		8- 7		10-66
701-48320-70	A.P. 2-12	703-48222-00	A.P. 7-30	703-48273-00	A.P. 7- 5		11-66
701-48320-80	A.P. 2-12		8-30		8- 5		12-66
701-48320-90	A.P. 2-12	703-48222-10	A.P. 7-30	703-48280-11	A.P. 2- 9	704-48176-00	A.P. 9-60
701-48345-01	A.P. 6-37		8-30		7- 1		11-60

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
704-48176-10	A.P. 10-60 12-60	704-48242-00	A.P. 11-49 12-49	704-82510-01	A.P. 16-12	90101-12M65	60F/70B 9-71 10-73
704-48178-00	A.P. 10-78 12-78	704-48250-11	A.P. 2-10 9- 1	704-82540-00	A.P. 9-12 11-12		80A/90A 9-71 10-73
704-48192-00	A.P. 9-51 10-51 11-51 12-51	704-48261-00	A.P. 9-18 10-18 11-18 12-18	704-82540-10	A.P. 10-12 12-12	90105-06M14	60F/70B 21- 2
704-48193-00	A.P. 9-56 10-56 11-56 12-56	704-48262-00	A.P. 9- 9 10- 9 11- 9 12- 9	704-82541-00	A.P. 9-68 10-80 12-80	90105-06M18	40H 10-22 21-17 50D 10-13 22-22
704-48205-11	A.P. 2-10 11- 1	704-48264-00	A.P. 9-10 10-10 11-10 12-10	704-82541-10	A.P. 9-68 10-80 11-68		25J/30D 10-22
704-48207-30	A.P. 2-11 12- 1			704-82563-00	A.P. 9-41 11-41	90105-10M00	60F/70B 18- 4 80A/90A 17- 4
704-48215-00	A.P. 9-15 11-15	704-48265-00	A.P. 9- 4 10- 4 11- 4 12- 4	704-82563-10	A.P. 10-71 12-71	90109-05M32	25J/30D 5- 9
704-48215-10	A.P. 10-15 12-15			704-82563-20	A.P. 10-75 12-75	90109-05M33	25J/30D 5-10
704-48219-00	A.P. 9-58 10-58 11-58 12-58	704-48266-00	A.P. 9-11 10-11 11-11 12-11	704-82563-30	A.P. 10-41 12-41	90109-06M04	40H 6-41 50D 6-41
704-48220-11	A.P. 2-11 10- 1	704-48280-11	A.P. 2-11 10- 1 11-16 12-16	704-82570-01	A.P. 16-10	90109-06M21	50D 21-51 60F/70B 13-51
704-48222-00	A.P. 9-38 10-38 11-38 12-38	704-48281-00	A.P. 9-16 10-16 11-16 12-16	704-82581-00	A.P. 16-16 16-27	90109-06M22	40H 5- 9 19- 9 50D 5- 9 17- 9
704-48224-00	A.P. 10-79	704-48282-00	A.P. 9-64 10-64 11-64 12-64	704-82590-10	A.P. 10-69 12-69		60F/70B 5- 5 80A/90A 5- 5
704-48225-00	A.P. 9-50 10-50 11-50 12-50			704-82594-00	A.P. 9-39 10-39 11-39 12-39	90109-06M28	25J/30D 13- 3
704-48228-00	A.P. 9-40 10-40 11-40 12-40	704-48283-00	A.P. 9-20 10-20 11-20 12-20	90101-06M00	25J/30D 17-19	90109-06M29	A.P. 3-13 25J/30D 23-13
704-48228-10	A.P. 10-72 12-72	704-48284-00	A.P. 9-67 10-67 11-67 12-67	90101-08M50	80A/90A 15- 4	90109-08M26	25J/30D 10-41
704-48229-00	A.P. 9-42 10-42 11-42 12-42	704-48285-00	A.P. 10-76 12-76	90101-08M85	60F/70B 16- 4	90109-08M36	40H 24-16 50D 25-16
704-48229-10	A.P. 9-42 10-42 10-70 12-70	704-48286-00	A.P. 10-77 12-77	90101-08M86	40H 10-40 21-58 50D 10-61 19-47 22-40	90109-08462	80A/90A 2-20
704-48230-11	A.P. 2-10 9- 1	704-48287-00	A.P. 9-23 10-23 11-23 12-23	90101-09M66	A.P. 5- 5 5-18 A.P. 5-24	90109-12M21	60F/70B 9-47 10-44 80A/90A 9-47 10-44
704-48242-00	A.P. 9-49 10-49	704-81950-00	A.P. 10-68 12-68	90101-09M70	A.P. 5-24	90109-12261	80A/90A 9-47 10-44
		704-82156-00	A.P. 10-74	90101-10M49	60F/70B 9-59 10-56 80A/90A 9-59 10-56	90116-06M07	60F/70B 21- 6
				90101-10M58	40H 10-46 50D 22-46 25J/30D 10-47	90116-06M22	80A/90A 20-36
				90101-12M37	40H 12-17	90116-06122	80A/90A 3- 8
				90101-12M65	40H 21-64 50D 10-67 19-58	90116-10M05	80A/90A 15-25 22-35
						90116-10M06	80A/90A 1-21
						90116-10M28	25J/30D 10-31
						90116-10175	40H 10-31 21-49 50D 10-51 19-37 22-31
							60F/70B 9-69 10-71 80A/90A 9-69 10-71
						90116-18M21	40H 21-36 50D 10-39

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
90119-05M31	25J/30D 3-15	90170-09M03	A.P. 5-15	90185-08057	80A/90A 12- 2	90201-06060	50D 6-20
90119-06M12	80A/90A 1- 8	90170-09M05	A.P. 5-25	90185-09M01	A.P. 5- 4		25J/30D 6-20
90119-06M13	40H 1- 4	90170-12138	40H 15-37		5-14	90201-06068	40H 9- 7
	50D 1- 4		50D 13-37		5-22		50D 9- 7
90119-06M26	80A/90A 20-35	90170-14M06	A.P. 5-31	90185-10051	40H 10-32		60F/70B 8-11
90119-06M32	25J/30D 3-11	90170-16M01	60F/70B 17-38		21-50		80A/90A 8- 8
90119-06M42	50D 21-21		80A/90A 16-38		50D 10-52		14-33
	60F/70B 13-21	90170-18M10	40H 21-37		19-38	90201-06416	40H 9-22
90119-08M09	60F/70B 1-29		50D 10-40		22-32		50D 9-22
90119-08M17	60F/70B 1- 8	90170-20137	60F/70B 19-11		25J/30D 10-33		25J/30D 9-17
90119-08M19	40H 1- 3		80A/90A 18- 9		60F/70B 9-63		60F/70B 8-23
	50D 1- 3	90171-14013	25J/30D 16-26		9-70		80A/90A 8-18
	25J/30D 1- 5	90171-16011	40H 16-26		10-60	90201-08M13	80A/90A 14-15
90119-08M21	25J/30D 1-22		50D 14-29		10-72	90201-08M23	80A/90A 14-10
	80A/90A 1-32		60F/70B 18-21		80A/90A 9-63	90201-08M32	A.P. 18- 7
90119-08M29	40H 1-16		80A/90A 17-23		9-70	90201-08M93	40H 5- 1
	50D 1-16	90179-06M12	A.P. 3-14		10-60		19- 1
90119-08M31	25J/30D 14- 3		25J/30D 8- 7		10-72		50D 5- 1
90119-10M07	60F/70B 1- 7		19- 7	90185-12058	40H 12-23		17- 1
	80A/90A 1- 9		23-14	90185-22043	40H 10-11		25J/30D 5- 1
90147-03M00	40H 7-20	90179-06066	60F/70B 9-54		21-12		60F/70B 5-17
	50D 7-20		10-51		50D 10-18		80A/90A 5-17
	60F/70B 6-21		80A/90A 9-54		19-12	90201-09425	40H 10-41
	80A/90A 6-18		10-51		22-11		21-59
90149-05M05	A.P. 16-37	90179-08M15	25J/30D 7-29		25J/30D 10-11		50D 10-62
90149-05M06	25J/30D 12-20	90179-10M14	25J/30D 15-36		60F/70B 9-19		19-48
90149-14M03	40H 10- 5	90179-16M05	40H 17-14		10-18		22-41
	50D 22- 5		50D 15-14		80A/90A 9-19		25J/30D 10-42
	25J/30D 10- 5		25J/30D 17-12		10-18	90201-10M20	A.P. 5- 3
90157-06M00	40H 13-14	90183-02M03	60F/70B 17-50	90201-03313	60F/70B 17-49		5-13
	50D 11-14		80A/90A 16-49		80A/90A 16-48	90201-10M63	A.P. 5- 6
	60F/70B 15- 3	90183-05M01	40H 8-11	90201-05M00	50D 21-65		5-17
90157-06M01	50D 9-30		20-11		60F/70B 13-65	90201-10M76	A.P. 5-23
	60F/70B 8-27		50D 8-11	90201-05M01	50D 21-10	90201-100F7	80A/90A 1-10
	8-30		18-12		60F/70B 13-10	90201-11M22	60F/70B 9-62
	80A/90A 8-22		60F/70B 7-16	90201-05652	40H 4-28		10-59
90157-06013	80A/90A 14-20		7-18		50D 4-28		80A/90A 9-62
90157-06014	80A/90A 1-12		80A/90A 7-15		60F/70B 4-28		10-59
90159-04M00	40H 4-16		7-17		80A/90A 4-29	90201-12M16	60F/70B 9-44
	26-27	90185-05002	40H 16- 6	90201-06M31	40H 13- 3		10-41
	50D 4-16		50D 14- 6		13-13		80A/90A 9-44
	27-27		25J/30D 16-18		50D 11- 3		10-41
	60F/70B 4-16		60F/70B 17-15		11-13	90201-12426	40H 10-48
	22-29		80A/90A 16-15		60F/70B 15- 9		21-66
	80A/90A 4-17	90185-06062	40H 12-26		15-13		50D 10-69
	21-28	90185-08045	40H 10-42	90201-06050	40H 5-35		19-60
90159-06M07	40H 18-23		21-60		19-40		22-48
	50D 16-23		50D 10-63		50D 5-35		25J/30D 10-49
90164-06M01	25J/30D 9-20		19-49		17-40		60F/70B 9-73
90170-06015	25J/30D 13-25		22-42		25J/30D 5-50		10-75
90170-07021	40H 13-37		25J/30D 10-43		60F/70B 5-46		80A/90A 9-73
	50D 11-35	90185-08057	50D 20- 2		80A/90A 5-45		10-75
90170-09M03	A.P. 5- 8		60F/70B 12- 2	90201-06060	40H 6-20	90201-12537	40H 12-21

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
90201-13M19	60F/70B 9-46 10-43 80A/90A 9-46 10-43	90202-12M17	25J/30D 13-36	90243-04M00	40H 10- 4 50D 22- 4 25J/30D 10- 4	90282-04010	60F/70B 17-67 80A/90A 16-64
90201-16M44	40H 17-15 50D 15-15 25J/30D 17-13	90202-12M25	25J/30D 9- 3	90249-06M19	60F/70B 10-65 80A/90A 10-65	90338-05M03	40H 9- 2 50D 9- 2 60F/70B 8-39 10-14
90201-16379	25J/30D 2-12	90202-12031	40H 11- 8 11-13	90249-06M23	40H 11-31 50D 23-31 25J/30D 11-31	90338-06M10	50D 26-31 60F/70B 21-54
90201-17M25	60F/70B 18-20 80A/90A 17-22	90202-12060	40H 16-19 50D 14-19	90249-06M24	40H 11-31 25J/30D 11-31	90338-07M00	25J/30D 14- 8
90201-20M21	60F/70B 9-60 10-57 80A/90A 9-60 10-57	90202-12092	40H 12-20 80A/90A 14-14	90249-07M25	40H 11-44 25J/30D 11-44	90340-08M04	40H 15- 7 50D 13- 7 25J/30D 15-11 60F/70B 17- 9
90201-20417	25J/30D 15-46 60F/70B 2-13 80A/90A 2-22	90202-20M06	60F/70B 9-61 10-58 80A/90A 9-61 10-58	90249-12M28	40H 11- 6 50D 23- 6 25J/30D 11- 7	90340-14M00	40H 1-12 50D 1-12 60F/70B 1-23 80A/90A 1-33
90201-21M18	60F/70B 19-12 80A/90A 18-10	90202-25M04	60F/70B 9-45 10-42 80A/90A 9-45 10-42	90250-05010	25J/30D 15-43 40H 15-45 50D 13-45	90380-16109	60F/70B 14-54 80A/90A 13-54 40H 19-30 50D 17-30
90201-22M67	50D 19-11 60F/70B 9-18 10-17 80A/90A 9-18 10-17	90202-35M24	25J/30D 12- 5	90250-06023	40H 15-45 50D 13-45 60F/70B 17-51 80A/90A 16-51	90386-03M59	40H 19-30 50D 17-30 60F/70B 5-36 80A/90A 5-36
90201-22428	40H 10-10 21-11 50D 10-17 22-10 25J/30D 10- 9	90206-10M04	60F/70B 15-24 80A/90A 14-32	90266-04M00	25J/30D 8- 5 19- 5 40H 8- 5 20- 5 50D 8- 5 18- 6	90386-06M12	25J/30D 12-30 60F/70B 15-34 80A/90A 14-51
90201-22429	40H 15-47 50D 13-47	90206-12M16	40H 11-14 50D 23-14 25J/30D 11-14 40H 9- 4	90266-04M01	40H 8- 5 20- 5 50D 8- 5 18- 6	90386-07M58	60F/70B 15-34 80A/90A 14-51
90201-30M00	40H 10-25 21-45 50D 10-44 19-30 22-25 25J/30D 10-25 60F/70B 9-38 10-34 80A/90A 9-38 10-34	90206-12052	40H 9- 4 50D 9- 4 25J/30D 9- 4 40H 12-22	90266-06M02	60F/70B 7-10 80A/90A 7- 9 40H 12- 6 25J/30D 12-17 60F/70B 9-11 80A/90A 9-11 60F/70B 8- 8 60F/70B 17-25 23-25	90386-08032	40H 12-11 25J/30D 12-21 40H 21-26 50D 10-22 19-16 60F/70B 9-23 10-22 80A/90A 9-23 10-22
90201-50306	25J/30D 2- 7	90206-12054	40H 12-22	90269-02001	40H 12- 6 25J/30D 12-17 60F/70B 9-11 80A/90A 9-11 60F/70B 8- 8 60F/70B 17-25	90386-10M16	40H 21-26 50D 10-22 19-16 60F/70B 9-23 10-22 80A/90A 9-23 10-22
90202-05088	40H 5-18 19-18 50D 5-18 17-18 25J/30D 5-25 12-13 60F/70B 5-22 80A/90A 5-23	90206-13M10	60F/70B 8- 6	90269-03010	60F/70B 9-11 80A/90A 9-11 60F/70B 8- 8 60F/70B 17-25 23-25 40H 15-25 27-25 50D 13-25 28-25 25J/30D 15-23	90386-10M19	40H 21-31 50D 10-27 25J/30D 9- 5 40H 21-34 50D 10-37 40H 21-33 50D 10-36 40H 9- 5 50D 9- 5 40H 12-18 80A/90A 14-11
90202-07M07	60F/70B 15-39 80A/90A 14-40	90206-13019	80A/90A 8- 6	90269-04M03	60F/70B 8- 8 60F/70B 17-25 23-25 40H 15-25 27-25 50D 13-25 28-25 25J/30D 15-23	90386-12M61	25J/30D 9- 5 40H 21-34 50D 10-37 40H 21-33 50D 10-36 40H 9- 5 50D 9- 5 40H 12-18 80A/90A 14-11
90202-10024	25J/30D 13-31	90206-35M11	25J/30D 12- 4	90280-03M03	60F/70B 17-25 23-25 40H 15-25 27-25 50D 13-25 28-25 25J/30D 15-23	90386-12M64	40H 21-34 50D 10-37 40H 21-33 50D 10-36 40H 9- 5 50D 9- 5 40H 12-18 80A/90A 14-11
		90209-06M04	40H 24-22 50D 25-22 60F/70B 19-21 80A/90A 18-19	90280-03024	40H 15-25 27-25 50D 13-25 28-25 25J/30D 15-23	90386-12M65	40H 21-33 50D 10-36 40H 9- 5 50D 9- 5 40H 12-18 80A/90A 14-11
		90209-06M05	40H 3-18 50D 3-18 60F/70B 3-24 80A/90A 3-23	90280-04M04	80A/90A 16-25 22-27 25J/30D 17-11 40H 17-13 50D 15-13 60F/70B 19-10 80A/90A 18- 8	90386-13M38	60F/70B 8- 5 80A/90A 8- 5 50D 21-20 60F/70B 13-20
		90209-08M02	40H 15-62 50D 13-62 25J/30D 15-33 60F/70B 17-35 80A/90A 16-34	90282-04010	40H 15-61 50D 13-61 25J/30D 15-57	90386-18M14	50D 21-20 60F/70B 13-20
		90209-10M14	40H 15-16 50D 13-16 25J/30D 15-55 40H 15-59 50D 13-59				

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
90386-18M14	60F/70B 14-23 80A/90A 13-23	90387-06M04	40H 13-12 50D 11-12	90430-14115	40H 1-13 26- 4 50D 1-13	90445-07M87	50D 17-42 60F/70B 5-10 80A/90A 5-11
90386-18M21	60F/70B 9-34 11- 7 80A/90A 9-34 11- 6	90387-06M05	40H 25-30		27- 4 A.P. 13-39 13-57	90445-07M90	80A/90A 5- 7 80A/90A 5- 8 80A/90A 1-15
90386-18M35	50D 19-28 60F/70B 9-35 10-31 11- 8 80A/90A 9-35 10-31 11- 7	90387-06M17	80A/90A 14-31		60F/70B 1-24 22- 3 80A/90A 1-34 21- 8	90445-07M240	80A/90A 1-15 25J/30D 7-24 60F/70B 6-35 40H 1-25 5-31 50D 1-25 5-31
90386-18M44	40H 21-39 50D 10-42	90387-06M29	25J/30D 6-35	90445-07MA4	60F/70B 5- 7	90445-07M260	80A/90A 6- 4 40H 7-32 50D 7-32 40H 7-30 50D 7-30
90386-18M63	50D 19-26 60F/70B 9-34 10-30 80A/90A 10-30	90387-06M31	60F/70B 5-33 80A/90A 5-33	90445-07MA5	60F/70B 5- 9	90445-09M00	25J/30D 7-24 60F/70B 6-35 40H 1-25 5-31 50D 1-25 5-31
90386-22M13	80A/90A 14-13	90387-06M41	40H 9-21 50D 9-21 25J/30D 9-16	90445-07MA6	40H 5-12 19-12 50D 5-12 17-12	90445-09M75	60F/70B 6- 4 40H 7-32 50D 7-32 40H 7-30 50D 7-30
90386-22M15	40H 21- 9 50D 10-15 19-10 60F/70B 9-17 10-16 80A/90A 9-17 10-16	90387-06M43	60F/70B 21- 3	90445-07ME8	60F/70B 17-71	90445-09057	40H 7-32 50D 7-32 40H 7-30 50D 7-30
90386-22M69	40H 10- 8 50D 22- 8 25J/30D 10- 8	90387-06M59	60F/70B 15-12	90445-07ME9	40H 15-17 50D 13-17 25J/30D 15- 8 60F/70B 17-71 80A/90A 16-66 50D 14-24 60F/70B 18-16 80A/90A 17-19 80A/90A 1-18 60F/70B 1-11 25J/30D 5-17 25J/30D 5-11	90445-09072	60F/70B 6-13 6-31 80A/90A 6-30 80A/90A 6- 4 80A/90A 6-34 25J/30D 5-44 40H 19-24 50D 17-24 25J/30D 5-40 25J/30D 5-45 A.P. 1-14 25J/30D 7-14 A.P. 1-12 25J/30D 7-12 25J/30D 5-42 25J/30D 5-18 80A/90A 5-27 60F/70B 5-27 A.P. 18-12 40H 5-23 50D 5-23 40H 21-23 25J/30D 5-41 40H 18-20 50D 16-20 25J/30D 21-22 60F/70B 21-10 25J/30D 22-23 40H 3-27 50D 3-27 40H 5-15 19-15 50D 5-15 17-15 26-41 25J/30D 5-15
90386-30M60	40H 10-27 21-43 50D 10-47 19-33 22-27 25J/30D 10-27 60F/70B 9-40 10-37 80A/90A 9-40 10-37	90387-06M66	40H 6-10 50D 6-10 60F/70B 8-22 80A/90A 8-17 25J/30D 17-20 40H 11-20 50D 23-20 25J/30D 11-20	90445-07MF1	50D 13-17 25J/30D 15- 8 60F/70B 17-71 80A/90A 16-66 50D 14-24 60F/70B 18-16 80A/90A 17-19 80A/90A 1-18 60F/70B 1-11 25J/30D 5-17 25J/30D 5-11	90445-11M02	25J/30D 5-44 40H 19-24 50D 17-24 25J/30D 5-40 25J/30D 5-45 A.P. 1-14 25J/30D 7-14 A.P. 1-12 25J/30D 7-12 25J/30D 5-42 25J/30D 5-18 80A/90A 5-27 60F/70B 5-27 A.P. 18-12 40H 5-23 50D 5-23 40H 21-23 25J/30D 5-41 40H 18-20 50D 16-20 25J/30D 21-22 60F/70B 21-10 25J/30D 22-23 40H 3-27 50D 3-27 40H 5-15 19-15 50D 5-15 17-15 26-41 25J/30D 5-15
90386-30048	40H 10-24 21-44 50D 10-45 19-31 22-24 25J/30D 10-24 60F/70B 9-39 10-35 80A/90A 9-39 10-35	90387-06M76	25J/30D 17-20	90445-07M00	80A/90A 1-18 60F/70B 1-11 25J/30D 5-17 25J/30D 5-11	90445-11M03	40H 19-24 50D 17-24 25J/30D 5-40 25J/30D 5-45 A.P. 1-14 25J/30D 7-14 A.P. 1-12 25J/30D 7-12 25J/30D 5-42 25J/30D 5-18 80A/90A 5-27 60F/70B 5-27 A.P. 18-12 40H 5-23 50D 5-23 40H 21-23 25J/30D 5-41 40H 18-20 50D 16-20 25J/30D 21-22 60F/70B 21-10 25J/30D 22-23 40H 3-27 50D 3-27 40H 5-15 19-15 50D 5-15 17-15 26-41 25J/30D 5-15
90386-34M40	25J/30D 12- 6	90387-06M76	40H 11-20 50D 23-20 25J/30D 11-20	90445-07M02	80A/90A 1-18 60F/70B 1-11 25J/30D 5-17 25J/30D 5-11	90445-11M04	25J/30D 5-45 A.P. 1-14 25J/30D 7-14 A.P. 1-12 25J/30D 7-12 25J/30D 5-42 25J/30D 5-18 80A/90A 5-27 60F/70B 5-27 A.P. 18-12 40H 5-23 50D 5-23 40H 21-23 25J/30D 5-41 40H 18-20 50D 16-20 25J/30D 21-22 60F/70B 21-10 25J/30D 22-23 40H 3-27 50D 3-27 40H 5-15 19-15 50D 5-15 17-15 26-41 25J/30D 5-15
90386-43M62	25J/30D 12- 7	90387-06M76	40H 10-14 50D 22-14 25J/30D 10-14	90445-07M04	25J/30D 5-17 25J/30D 5-11	90445-11M05	A.P. 1-14 25J/30D 7-14 A.P. 1-12 25J/30D 7-12 25J/30D 5-42 25J/30D 5-18 80A/90A 5-27 60F/70B 5-27 A.P. 18-12 40H 5-23 50D 5-23 40H 21-23 25J/30D 5-41 40H 18-20 50D 16-20 25J/30D 21-22 60F/70B 21-10 25J/30D 22-23 40H 3-27 50D 3-27 40H 5-15 19-15 50D 5-15 17-15 26-41 25J/30D 5-15
90387-06M03	80A/90A 20-34	90387-06M76	40H 10-14 50D 22-14 25J/30D 10-14	90445-07M08	25J/30D 5-11	90445-11M06	A.P. 1-12 25J/30D 7-12 25J/30D 5-42 25J/30D 5-18 80A/90A 5-27 60F/70B 5-27 A.P. 18-12 40H 5-23 50D 5-23 40H 21-23 25J/30D 5-41 40H 18-20 50D 16-20 25J/30D 21-22 60F/70B 21-10 25J/30D 22-23 40H 3-27 50D 3-27 40H 5-15 19-15 50D 5-15 17-15 26-41 25J/30D 5-15

No. _____ Model Ref.No. _____

16M65	60F/70B	17-44
	80A/90A	16-45
23215	40H	12- 9
	25J/30D	12-18
16M02	60F/70B	9-32
		10-28
	80A/90A	9-32

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
90508-29M19	60F/70B 15-10	91690-30316	50D 11-26	92780-06020	A.P. 11-31	92990-05600	60F/70B 21-17
90510-08M04	25J/30D 6-18		A.P. 3- 6		12-31		80A/90A 20- 5
90510-08002	40H 6-18		25J/30D 23- 6	92780-06025	A.P. 6-20		20-23
	50D 6-18	91690-30318	40H 13-21	92901-04100	A.P. 16- 9	92990-06100	40H 17- 5
90601-31402	A.P. 13-10		50D 11-21	92901-05600	40H 12-14		21- 7
	13-20		25J/30D 12-29	92903-04100	25J/30D 4-21		22-50
	13-40		13-12		4-23		23- 5
90890-44373	40H 6-16		13-34		4-37		50D 10- 7
	50D 6-16	91690-40014	25J/30D 6- 3		24-28		15- 5
	25J/30D 6-16	91690-40018	40H 6- 3	92903-06600	A.P. 17-10		19- 5
91316-06020	40H 22-49		50D 6- 3	92990-03100	25J/30D 4-35		24- 5
	60F/70B 14-58	91690-50022	25J/30D 21-30	92990-04200	80A/90A 19-19		A.P. 16-32
	80A/90A 13-58	91790-05020	40H 13-31		20- 7		25J/30D 17- 5
91490-16010	40H 13-33		50D 11-31	92990-05100	40H 7-26		18-12
	50D 11-33	92180-06025	60F/70B 9- 3		17- 8		20- 5
	25J/30D 12-12	92380-06015	60F/70B 9-56		23- 8		60F/70B 7- 8
	13-24		10-53		50D 7-26		9- 4
91490-20010	40H 11-25		80A/90A 9-56		15- 8		10- 4
	50D 23-25		10-53		24- 8		14-28
	25J/30D 11-25	92503-06015	40H 19-49		A.P. 16-18		21- 9
91490-20015	25J/30D 12-33		50D 17-49		16-35		80A/90A 1-24
	13-14		60F/70B 19-22		16-39		3-10
	60F/70B 15-36		80A/90A 3-28		25J/30D 17- 8		3-19
91490-30025	40H 16-27	92503-06045	60F/70B 3-23		20- 8		3-29
	21-29	92580-06012	50D 19-54		60F/70B 3- 4		6- 3
	50D 10-25		25J/30D 16- 6		6-27		8-20
	14-30		17-17		19- 6		8-27
	19-19		60F/70B 9- 7		80A/90A 3-17		8-29
	25J/30D 16-27		19-15		6-24		9- 4
	60F/70B 9-27		21-22		20-20		10- 4
	80A/90A 9-27		80A/90A 9- 7	92990-05200	80A/90A 20-17		13-28
91490-40025	60F/70B 18-22		10- 7	92990-05300	A.P. 9-43		18-14
	80A/90A 17-24		18-13		10-43		20-21
91690-30010	40H 11- 3		18-20		11-43		20-39
	50D 23- 3	92580-06016	50D 20- 7	92990-05600	40H 3- 4	92990-06200	40H 25-27
	25J/30D 11- 3		60F/70B 12- 7		9-13		25J/30D 12-32
	60F/70B 21-41		80A/90A 12- 7		13-32		13-13
91690-30012	40H 21-20		A.P. 16-31		17-25		60F/70B 21- 8
	50D 10-30	92580-06020	40H 18-13		25-10		80A/90A 3-30
	19-24	92580-06025	50D 16-13		50D 3- 4		20-10
	A.P. 3-12		25J/30D 13- 4		9-13		20-18
	25J/30D 23-12		60F/70B 21-12		11-32		20-38
	60F/70B 9-31	92580-06035	40H 24-24		15-25	92990-06300	A.P. 6-25
	10-27		50D 25-24		26-10		9-53
	80A/90A 9-31	92580-06040	40H 3-16		A.P. 16-40		10-53
	10-27		24-23		25J/30D 3- 4		11-53
	14- 3		50D 3-16		3-18		12-53
91690-30020	40H 25-38		25-23		4-26	92990-06600	40H 1-21
	50D 26-27	92680-06090	A.P. 7-42		13-23		1-28
	A.P. 16-45		8-42		17-23		2-20
	60F/70B 10-24	92780-06020	A.P. 9-31		22-10		3-10
	80A/90A 10-24		10-31		22-13		6- 6
91690-30316	40H 13-26						6-27

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
92990-06600	40H 6-34	92990-06600	A.P. 3-26	92990-06600	80A/90A 1-46	92990-08100	80A/90A 17-10
	7- 3		25J/30D 1- 7		2- 7		19-15
	7-29		1-15		6-27	92990-08200	60F/70B 15-35
	8- 8		1-27		7- 8		80A/90A 14-52
	9-15		1-34		7-12	92990-08600	40H 6-31
	9-26		1-36		8-15		6-37
	13-29		2-19		8-31		10-15
	15-14		3- 9		14-37		10-36
	17-11		6- 6		16-20		14- 4
	17-22		6-27		18- 6		14-12
	18- 3		6-29		18-17		16-10
	18- 6		6-37		20-13		16-18
	18- 9		6-43		20-25		21-54
	18-11		6-46		20-28		24-15
	18-14		7-22		20-51		24-18
	18-17		13-18	92990-08100	40H 10-45	50D 6-31	
	19-50		13-21		14-14		6-37
	20- 8		18- 3		16- 9		10-56
	23-11		18- 6		16-17		12- 4
	25- 6		18- 9		21-63		12-12
	25-15		22- 5		50D 10-66		14-10
	25-29		22-18		12-14		14-18
	25-33		23-23		14- 9		19-42
50D 1-21			23-26		14-17		22-15
	1-28	60F/70B	1-20		19-52		22-36
	2-20		1-34		22-45		25-15
	3-10		1-40	A.P. 3- 2			25-18
	6- 6		2-19	25J/30D 10-46		A.P. 7-37	
	6-27		3-11		16-13		8-37
	6-34		5-52		16-21	25J/30D 6-50	
	7- 3		6- 3		21-18		7-39
	7-29		6-30		23- 2		10-15
	8- 8		7- 9	60F/70B 9-52			10-37
	9-15		7-13		9-67		14-11
	9-26		8-19		10-49		14-13
	9-31		8-28		10-64		16-14
	11-29		8-34		16- 9		16-22
	13-14		8-36		16-11		21-16
	15-11		8-38		16-14		21-19
	15-22		15-33		16-20		21-24
	16- 3		17-20		18-10		21-26
	16- 6		19- 9	80A/90A 1-29			21-35
	16- 9		19-16		9-52		60F/70B 20-16
	16-11		19-19		9-67		20-20
	16-14		20-18		10-49		80A/90A 1-53
	16-17		21-13		10-64		14-46
	17-50		21-23		14- 5		19-16
	18- 9		21-26		14-45	92990-10100	40H 16-14
	24-11		21-30		15- 5		50D 14-14
	26- 6		21-37		15-15		19-56
	26-15		21-45		15-17		25J/30D 16-10
	26-34		21-51		15-19		60F/70B 9- 9
A.P. 3-23		80A/90A	1-38		15-21		10- 9

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
92990-10100	60F/70B 18- 7	93101-23070	25J/30D 15-25	93210-04230	40H 26-28	93210-29375	50D 19-32
	80A/90A 9- 9		25- 5		50D 4-18		22-26
	10- 9		60F/70B 17-27		27-28		25J/30D 10-26
	17- 8		23-11		60F/70B 4-18		60F/70B 9-15
92990-10600	40H 10-38	93101-25M03	60F/70B 17-66		22-30		10-36
	12- 8		23-12		80A/90A 4-19		80A/90A 9-15
	16-15		80A/90A 16-27		21-29		10-36
	21-27		16-61	93210-06M77	50D 21-69	93210-37M25	40H 7- 7
	21-56		22-14		60F/70B 13-69		26-15
	50D 10-23	93101-25M28	25J/30D 2-15	93210-06519	60F/70B 14-31		50D 7- 7
	10-58		24- 2		80A/90A 13-31		27-15
	14-15	93102-23096	40H 2-13	93210-07M78	50D 21-57		25J/30D 7-27
	19-17		50D 2-13		60F/70B 13-57		24-13
	19-44	93102-25M28	40H 2-16	93210-07435	60F/70B 17-56		60F/70B 6- 8
	22-38		26- 9		80A/90A 16-71		22-16
	A.P. 9- 7		50D 2-16	93210-08M27	A.P. 18- 6		80A/90A 6- 8
	10- 7		27- 9	93210-08287	A.P. 1-17		21-18
	11- 7	93102-26M27	25J/30D 2- 4		1-19	93210-41042	40H 15-28
	12- 7		24- 9		18-11		27-11
	25J/30D 10-32	93102-30M05	80A/90A 2- 2		25J/30D 7-17		50D 13-28
	10-39		21-14		7-19		28-11
	10-48	93102-30M23	60F/70B 2-15	93210-09165	60F/70B 14-30		25J/30D 15-26
	12-19		22-10		80A/90A 13-30		25- 6
	16-11	93102-36M24	60F/70B 2- 5	93210-10M74	50D 21-61	93210-42159	25J/30D 2- 5
	60F/70B 9-24		22- 8		60F/70B 13-61		24-15
	18- 8		80A/90A 2-10		14-47	93210-46M16	60F/70B 2- 7
	80A/90A 9-24		21-13		14-59		22- 9
	17- 7	93104-16M01	50D 2-17		80A/90A 13-47		80A/90A 2-11
92990-12200	40H 12-19		27- 8		13-59		21-12
	21-65	93104-16M04	40H 2-17	93210-13595	40H 5- 4	93210-46044	60F/70B 17-28
92990-14200	25J/30D 16-25		26- 8		19- 4		23-10
92990-16200	40H 16-25		25J/30D 2-16		50D 5- 4		23-22
	50D 14-28		24- 3		17- 4		80A/90A 3-21
92990-18600	40H 21-38	93104-20M02	80A/90A 2- 3		25J/30D 5- 4		16-28
	50D 10-41		21-15		60F/70B 5-19		21- 2
92995-10600	40H 10-47	93106-09014	60F/70B 17-18		80A/90A 5-19		22-12
	50D 22-47		23- 6	93210-15M52	40H 4-33		22-24
92995-12200	50D 10-68		80A/90A 16-18		26-32	93210-49046	40H 15-11
	19-59		22- 8		50D 4-33		27- 7
	60F/70B 9-72	93106-18M01	60F/70B 2-16		27-32		50D 13-11
	10-74		22-11		60F/70B 4-33		28- 7
	80A/90A 9-72	93210-03261	40H 25-11		22-34		60F/70B 17-17
	10-74		50D 26-11	93210-16275	A.P. 5-10		23- 5
93101-20M07	25J/30D 15-54		25J/30D 22-19		5-20		80A/90A 16-17
	25-10		60F/70B 21-46	93210-18M75	50D 21-63		22- 7
93101-22M00	50D 13-58		80A/90A 3-31		60F/70B 13-63	93210-56M80	25J/30D 2-17
	28-14		21- 5		14-49		24- 4
93101-22067	40H 15-58	93210-04228	40H 4-34		80A/90A 13-49	93210-57M09	40H 2-18
	27-14		50D 4-34	93210-19M82	25J/30D 5- 8		26-10
93101-23070	40H 15-27		60F/70B 4-34	93210-20M28	A.P. 18- 5		50D 2-18
	27-12		80A/90A 4- 8	93210-29375	40H 10-26		27-10
	50D 13-27		21-22		21-42	93210-60M17	25J/30D 15-52
	28-12	93210-04230	40H 4-18		50D 10-46		25- 9

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
93210-62269	80A/90A 2- 4	93410-12M08	40H 21-35	93604-08062	40H 15-32	95303-05600	80A/90A 5-22
	21-16		50D 10-38		50D 13-32		14-25
93210-65M50	60F/70B 2-17	93410-18M02	50D 19-27		25J/30D 15-30		14-28
	22-12		60F/70B 9-36	93604-10M03	60F/70B 17-32	95303-05700	A.P. 16-19
93210-66262	40H 15-56		10-32		80A/90A 16-32		25J/30D 5-28
	27-13		80A/90A 9-36	93606-12019	40H 1- 5		80A/90A 14-19
	50D 13-56		10-32		14- 2	95303-06600	40H 6-22
	28-13	93410-28M06	40H 10-29		14-17		13-15
93210-71M76	50D 21- 5		21-47		16-12		50D 6-22
	60F/70B 13- 5		50D 10-49		50D 1- 5		11-15
	14- 9		19-35		12- 2		25J/30D 13- 5
	80A/90A 13- 9		22-29		12-17		60F/70B 15- 4
93210-85M15	60F/70B 17-64		25J/30D 10-29		14-12		80A/90A 3-11
	23-13		60F/70B 9-42		25J/30D 1- 8		14-22
	80A/90A 16-59		10-39		14- 2	95303-06700	25J/30D 6-22
	22-13		80A/90A 9-42		14- 9		80A/90A 1-14
93306-00609	25J/30D 15-49		10-39		16- 8	95303-08600	40H 7-11
93306-00702	40H 15-53	93410-32M00	80A/90A 2-14		60F/70B 16- 2		50D 7-11
	50D 13-53	93430-06M02	40H 6-24		16- 6		60F/70B 6-11
			11-21		18- 5		80A/90A 6-11
93306-206U5	80A/90A 2-13		50D 6-24		80A/90A 15- 3	95313-10600	80A/90A 1-11
93306-207U0	60F/70B 17-61		23-21		15-23	95380-05600	A.P. 7-10
	80A/90A 16-56		25J/30D 6-24		15-26		8-10
93306-305U2	40H 2- 4		11-21		17- 5		9-24
	50D 2- 4	93430-06024	A.P. 6-36		22-34		10-24
93306-305U3	25J/30D 2- 6		7-13	93608-12063	60F/70B 1- 6		11-24
93306-305U8	40H 2- 3		8-13		80A/90A 1- 7		12-24
	50D 2- 3		9- 6	93700-06004	40H 10-18		16-36
93306-306V1	60F/70B 2- 3		10- 6		21-21		16-38
93310-636U4	80A/90A 2- 9		11- 6		50D 10- 9		80A/90A 20-15
93310-730V8	80A/90A 2-23		12- 6		19- 7	95380-06600	40H 6-12
93310-835U8	80A/90A 2-12		40H 11- 7		22-18		50D 6-12
93311-636U6	60F/70B 2- 2	93430-10M00	11-12		25J/30D 10-18		A.P. 6-46
93313-628U0	25J/30D 2- 3		50D 23- 7		60F/70B 9-12		7-43
93315-220V7	25J/30D 15- 3		23-12		10-11		8-43
93315-220U4	25J/30D 15-53		25J/30D 11- 8		80A/90A 9-12		9-44
93315-32224	40H 15- 3		11-12		10-11		10-44
	50D 13- 3		60F/70B 2- 6	94702-00247	50D 1-29		11-44
93315-325V1	60F/70B 17- 3	93440-49M04	40H 2- 5		60F/70B 1-43		12-44
	80A/90A 16- 3	93440-62057	50D 2- 5		80A/90A 1-59		16-33
93317-22204	40H 15-57		60F/70B 17-58	94702-00271	40H 1-29		25J/30D 6-12
	50D 13-57	93450-07M00	80A/90A 16-73		25J/30D 1-38		80A/90A 20-16
93317-325U0	60F/70B 17-65		60F/70B 15-29	95303-05600	40H 5-20	95380-06700	25J/30D 15-17
	80A/90A 16-60	93501-04M02	80A/90A 14-47		13- 9		60F/70B 21- 7
93332-000U3	60F/70B 17- 6		60F/70B 17-45		19-20		80A/90A 20-37
	80A/90A 16- 6	93503-16010	80A/90A 16-46		50D 5-20	95380-08600	40H 10-16
93332-000U5	60F/70B 17- 8		25J/30D 2-11		11- 9		16-11
	80A/90A 16- 8	93602-16M10	40H 2- 9		17-20		50D 14-11
93332-000V4	40H 15-39	93602-20M02	50D 2- 9		25J/30D 13-10		22-16
	50D 13-39		60F/70B 17-42		13-29		25J/30D 10-16
93332-000V6	25J/30D 15-38	93603-12M11	80A/90A 16-43		60F/70B 5-24	95380-10600	40H 10-49
93332-00023	40H 15- 6		60F/70B 2-12		15-17		50D 22-49
	50D 13- 6	93603-18M09	80A/90A 2-21		15-22		25J/30D 10-50
	25J/30D 15- 6	93603-21111					

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
95380-10600	80A/90A 15-27	97313-06012	50D 16-10	97313-06020	50D 2-19	97313-06025	60F/70B 20-17
	22-36		26-21		6-21		21-25
95380-12600	40H 21-67		25J/30D 18- 5		9-14		80A/90A 1-37
	50D 10-70		18- 8		11-28		5-44
	19-61		60F/70B 8-12		15-19		18- 5
	60F/70B 9-74		21-36		16-16		20- 9
	10-76		80A/90A 1-55		26-33	97313-06030	40H 5-36
	80A/90A 9-74		3-25	25J/30D 6-42	6-44		9-23
	10-76		8- 9		13-17		19-41
95380-12800	60F/70B 9-49	97313-06014	40H 1- 7		18-11		50D 5-36
	10-46		50D 1- 7		60F/70B 8-35		9-23
	80A/90A 9-49		60F/70B 6-12		15-32		17-41
	10-46	97313-06016	40H 6- 5		21-50	25J/30D 1- 6	
95380-14700	A.P. 5-28		8- 7		80A/90A 6- 2		5-51
95428-31316	A.P. 17- 7		9-25		8-26		9-18
	80A/90A 20- 7		13-24		14-36	60F/70B 5-47	
95600-12100	40H 22-51		20- 7		20-24		8-24
95780-08300	25J/30D 13-32		25- 5		20-50		19- 8
95895-06012	25J/30D 9- 7		25-14		40H 1-20	80A/90A 3-18	
97013-06012	40H 6-39		50D 6- 5	97313-06025	3- 9		8-19
	7-10		8- 7		6-33		8-28
	17-21		9-25		7- 2	97313-06040	20-12
	18- 5		11-24		13-11		40H 7-28
	18- 8		18- 8		17-10		13- 4
	18-10		26- 5		18- 2		50D 7-28
	25-24		26-14		23-10		11- 4
	25-32		26-40		25-28		60F/70B 6-29
97013-06035	40H 1-27	25J/30D 1-14			50D 1-20		80A/90A 6-26
	6-11		2-18		3- 9	97313-06045	60F/70B 15-14
	6-26		6- 5		6-33	97313-06050	40H 5-37
	50D 1-27		6-45		7- 2		50D 5-37
	6-11		22- 4		11-11	97313-06095	40H 3-13
	6-26		22-17		15-10		50D 3-13
	25J/30D 1-33	60F/70B 1-19			16- 2		60F/70B 3-12
	6-26		5-32		24-10	97313-08012	80A/90A 1-58
	60F/70B 1-39		7- 7		25J/30D 1-26	97313-08016	40H 6-36
	80A/90A 1-45		7-12		1-35		24-17
	14-34		8-18		3- 8		50D 6-36
97090-08035	40H 10-44		21-29		5-21		25-17
	21-62		21-44		6-11		25J/30D 7-38
	25J/30D 10-45		21-60		6-21		21-15
97303-05012	A.P. 16-17	80A/90A 5-32			6-28		60F/70B 20-19
97313-05016	40H 9-12		7- 7		6-36		80A/90A 14- 4
	50D 9-12		7-11		7-21	97313-08020	60F/70B 1-22
97313-06010	40H 9- 8		8-14		18- 2		80A/90A 1-28
	50D 9- 8		20-27		60F/70B 1-33	97313-08030	40H 6-30
	80A/90A 1-23		20-60		3-10		50D 6-30
	18-16	97313-06020	40H 2-19		5-48		25J/30D 21-17
97313-06012	50D 6-39		6-21		6- 2		80A/90A 14-44
	7-10		9-14		8-33		19-14
	15-21		13-28		15- 7	97313-08035	25J/30D 1-10
	16- 5		17-19		15-26		21-23
	16- 8		18-16				60F/70B 20-15

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
97313-08040	80A/90A 1-52	97395-06030	50D 10- 6	97395-08085	40H 16-16	98501-04008	60F/70B 4-11
97313-08045	80A/90A 14- 9		19- 4		50D 14-16	98501-05008	40H 17- 7
97313-08055	25J/30D 21-25		60F/70B 9- 3		25J/30D 16-12		23- 7
97321-08014	25J/30D 6-49		10- 3	97395-10045	50D 19-55		50D 15- 7
	21-34		80A/90A 9- 3		60F/70B 9- 8		24- 7
97375-08075	40H 16- 8		10- 3		10- 8		25J/30D 17- 7
	50D 14- 8	97395-08020	25J/30D 16-20		80A/90A 9- 8		20- 7
97375-08190	80A/90A 15-28	97395-08025	40H 10-35		10- 8	98501-05016	60F/70B 19- 5
	22-37		21-53	97395-10060	40H 10-37	98503-05025	40H 25- 9
97375-10040	40H 16-13		50D 10-55		21-55		50D 26- 9
	50D 14-13		19-41		50D 10-57		25J/30D 22- 9
	25J/30D 16- 9		22-35		19-43		60F/70B 21-16
	60F/70B 18- 6		25J/30D 10-36		22-37		80A/90A 20-22
	80A/90A 17- 6		60F/70B 9-51		25J/30D 10-38	98580-03015	A.P. 7-41
97380-05025	A.P. 7-11		10-48	97501-05225	60F/70B 14-66		8-41
	8-11		80A/90A 9-51		80A/90A 13-66	98580-04006	A.P. 7-39
97380-08030	A.P. 7-36		10-48	97780-40112	80A/90A 17-17		8-39
	8-36		15-16	97780-40116	A.P. 13-11		9-33
97390-08035	50D 10-65	97395-08030	40H 14-11		13-21		10-33
	19-51		14-13		13-41		11-33
	22-44		50D 12-11		17-14		12-33
	60F/70B 9-66		12-13	97780-50112	A.P. 17- 2	98580-04008	80A/90A 20- 6
	10-63		25J/30D 14-12	97780-50510	25J/30D 15-14	98580-04010	A.P. 7-38
	16-10		60F/70B 16- 8	97780-60120	A.P. 17- 9		8-38
	80A/90A 9-66		16-13	97802-06020	40H 17- 4	98580-04012	25J/30D 4-22
	10-63		16-19		23- 4		24-27
	15-20		80A/90A 15-14		50D 15- 4	98580-04025	25J/30D 4-36
97395-06010	50D 10-33		15-18		24- 4	98580-05010	40H 17-24
	60F/70B 10-69	97395-08040	25J/30D 15-32		25J/30D 17- 4		50D 15-24
	11- 4		25-19		20- 4		A.P. 6-33
	80A/90A 10-69	97395-08045	40H 15-34	97803-03022	25J/30D 4-34		7-40
	11- 4		27-23	97803-04010	25J/30D 4-20		8-40
97395-06012	25J/30D 13-20		50D 13-34		80A/90A 19-18		16-34
97395-06016	40H 15-13		28-23	97803-05014	40H 3- 3		25J/30D 17-22
	50D 13-13		60F/70B 17-34		50D 3- 3		22-12
	A.P. 3-22		23-23	97803-05020	60F/70B 3- 3		80A/90A 20- 4
	3-25	97395-08050	25J/30D 14-10		80A/90A 3-16	98580-05012	25J/30D 12-24
	25J/30D 12- 9		15-31	97803-06010	60F/70B 19-18	98580-05016	A.P. 9- 2
	23-22		25-18	97803-06055	40H 3-17		10- 2
	23-25		80A/90A 16-35		50D 3-17		11- 2
	60F/70B 17-19		22-25		80A/90A 3-22		12- 2
	80A/90A 16-19	97395-08055	40H 15-33	97880-05016	40H 12-13		25J/30D 3- 3
97395-06018	A.P. 6-22		27-22	97890-06018	A.P. 9-52	98580-05525	A.P. 9-17
	9-21		50D 13-33		10-52		10-17
	10-21		28-22		11-52		11-17
	11-21		60F/70B 17-33		12-52		12-17
	12-21		23-24	97980-05310	40H 4-24	98580-05530	40H 7-25
97395-06020	40H 12-25	97395-08060	60F/70B 18- 9		50D 4-24		50D 7-25
	60F/70B 2-18		80A/90A 17- 9		60F/70B 4-24		60F/70B 6-26
	14-27	97395-08070	80A/90A 16-33		80A/90A 4-25		80A/90A 6-23
	80A/90A 2- 6		22-26	98303-04008	A.P. 16- 8	98580-05540	25J/30D 3-17
	13-27	97395-08080	40H 14- 3	98501-04008	40H 4-11	98586-05016	A.P. 1- 6
97395-06030	40H 21- 6		50D 12- 3		50D 4-11		25J/30D 7- 6

NUMERICAL INDEX

Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.	Parts No.	Model Ref.No.
98680-04016	40H 1- 9 50D 1- 9 A.P. 18- 8 80A/90A 1-26						
98680-05525	40H 12- 7 25J/30D 16-17						
98680-05535	40H 16- 5 50D 14- 5						
98680-05545	60F/70B 17-14 80A/90A 16-14						
98701-05008	25J/30D 4-24						
98780-05012	A.P. 7-34 8-34						
98780-05016	A.P. 7-35 8-35						
98780-05018	A.P. 9-34 10-34 11-34 12-34						
98813-03100	40H 7-21 50D 7-21 60F/70B 6-22 80A/90A 6-19						
99001-08600	60F/70B 17-57 80A/90A 16-72						
99080-05600	40H 11-22 11-33 11-45 50D 23-22 23-33 25J/30D 11-22 11-33 11-45						
99530-10014	40H 6-28 50D 6-28 25J/30D 6-30						

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