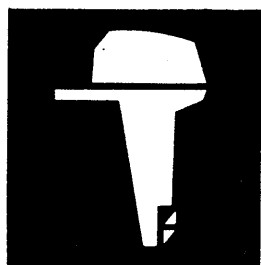


YAMAHA

parts catalogue '87
for 3 cylinder



outboard
motor



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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 '87 model. When you are ordering replacement parts for the 3 Cylinder '87 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.

- U.R. Use size (thickness) and/or number as required.
- U.N. Use as many as you need.
- A.P. Alternate Parts
- S.T.D. 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.

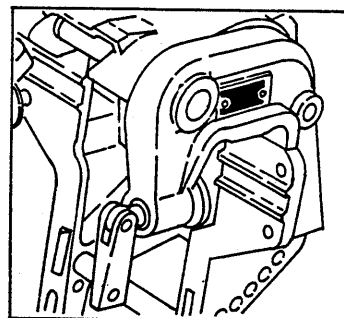
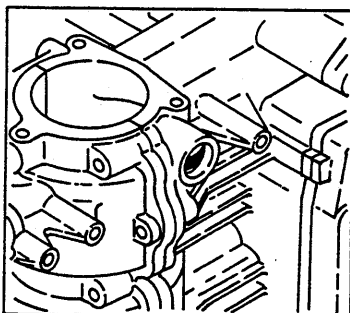
The numeral appearing to the right of each constituent part under the description indicates the quantity of such parts for each individual assembly unit.

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	

5. Initial Serial No. and Color Code

Engine Serial No.			Engine Serial No.		
25JMO	S:000101	and following	50DETO	S:200101	and following
	L:300101	and following		L:500530	and following
25JEO	S:100101	and following	50DRO	S:250101	and following
	L:400101	and following		L:550101	and following
30DMO	S:100177	and following	60FEO	S:100101	and following
	L:400173	and following		L:400444	and following
30DEO	S:150166	and following	60FETO	S:150101	and following
	L:450322	and following		L:452252	and following
30DRO	S:250101	and following	70BEO	S:100101	and following
	L:550101	and following		L:400176	and following
40HMO	S:180206	and following	70BETO	S:150102	and following
	L:480233	and following		L:460162	and following
40HEO	S:101344	and following	80AEO	L:400168	and following
	L:409925	and following		UL:800119	and following
40HRO	S:280101	and following	80AETO	L:451467	and following
	L:590101	and following		UL:850190	and following
40HEPO	S:250101	and following	90AEO	L:400148	and following
	L:553701	and following		UL:800104	and following
50DEO	S:080221	and following	90AETO	L:460572	and following
	L:381836	and following		UL:850403	and following



Color Code	Color Name	Abbreviate
EJ	METALLIC MARINE BLUE	MMB



25J/30D

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



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Fig. 1 CYLINDER. CRANKCASE

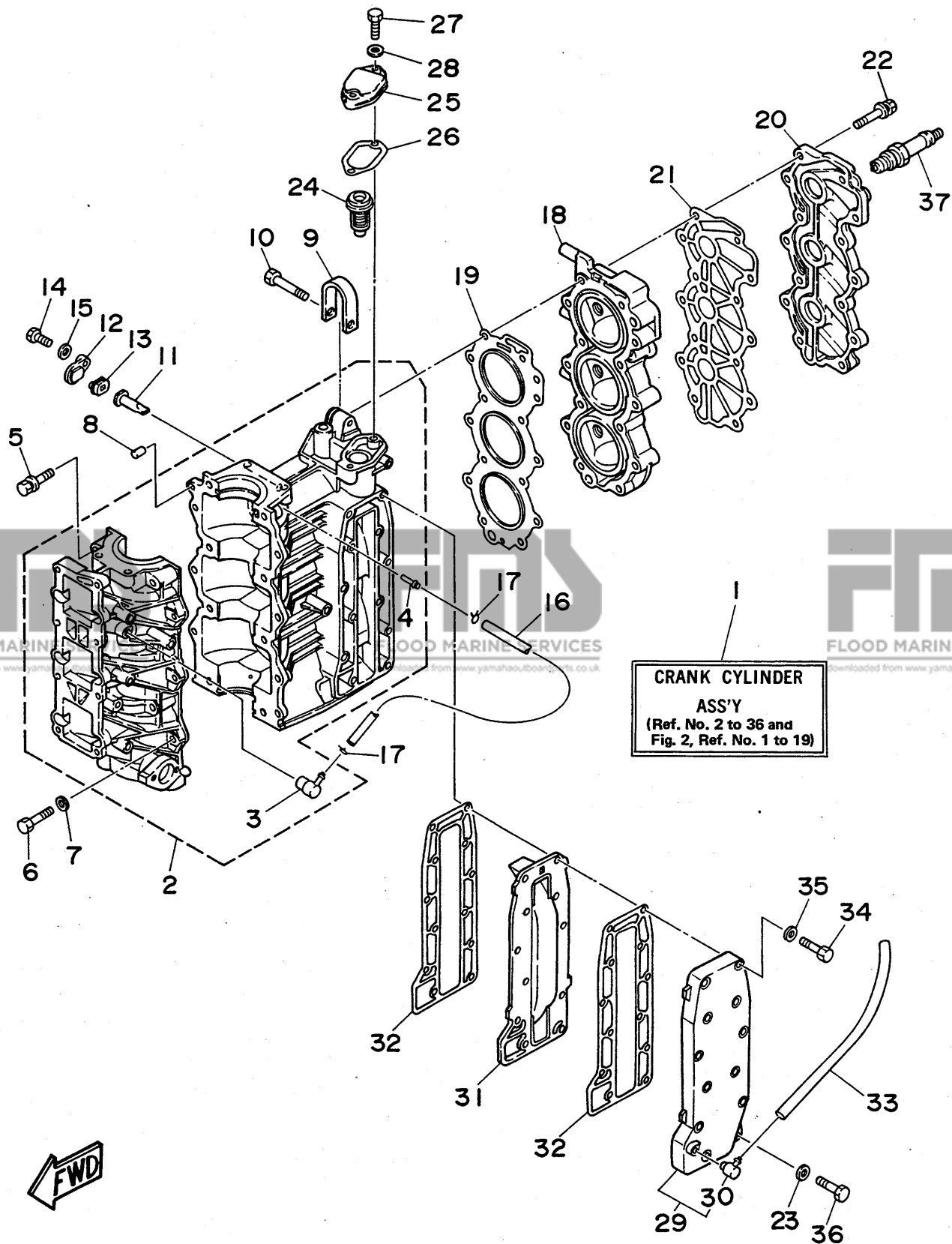


Fig. 1 CYLINDER. CRANKCASE

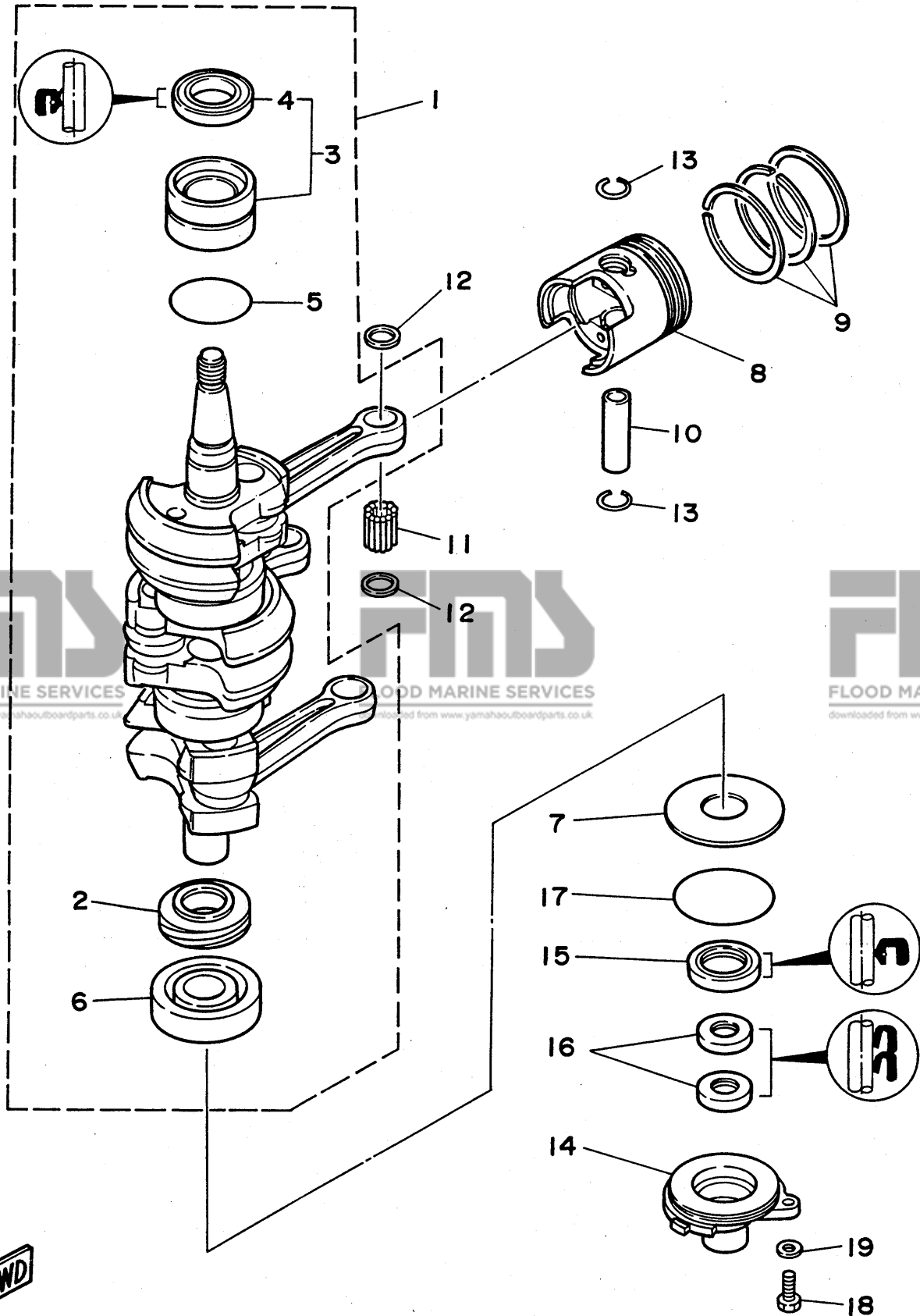
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-W0090-10-EJ	CRANK CYLINDER ASSY	1	19	6J8-11181-00	GASKET, cylinder head 1	1
2	6J8-15100-10-94	CRANKCASE ASSY	1	20	6J8-11191-00-9M	COVER, cylinder head 1	1
3	650-11370-00	.CHECK VALVE ASSY	1	21	6J8-11193-00	GASKET, head cover 1	1
4	624-14485-00	.PIPE, joint	1	22	90119-08M21	BOLT, with washer	14
5	90119-08M19	BOLT, with washer	8	23	92990-06600	WASHER, plate	1
6	97313-06030	BOLT	6	24	6E5-12411-00	THERMOSTAT	1
7	92990-06600	WASHER, plate	6	25	6H4-12413-00-9M	COVER, thermostat	1
8	93606-12019	PIN, dowel	2	26	6H4-12414-00	GASKET, cover	1
9	6F5-11119-00	HANGER, engine	1	27	97313-06025	BOLT	2
10	97313-08035	BOLT	1	28	92990-06600	WASHER, plate	2
11	6J8-11325-00	ANODE	2	29	6J8-41113-00-9M	OUTER COVER, exhaust	1
12	6H3-11327-00-94	COVER, anode	2	30	676-11372-00	.NIPPLE, hose	1
13	6H3-11328-00	GROMMET, anode	2	31	6J8-41111-00-9M	INNER COVER, exhaust	1
14	97313-06016	BOLT	2	32	6J8-41114-00	GASKET, exhaust outer cover	2
15	92990-06600	WASHER, plate	2	33	6J8-1111J-00	PIPE 1	1
16	90445-07M29	HOSE	1	34	97313-06035	BOLT	11
17	90467-06016	CLIP	2	35	92990-06600	WASHER, plate	11
18	6J8-11111-00-94	HEAD, cylinder 1	1	36	97313-06025	BOLT	1
				37	94702-00271	PLUG, spark (NGK BR7HS 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	6J8-11400-10	CRANKSHAFT ASSY	1	9	6J8-11610-20	PISTON RING SET (2ND O/S)	3 AP
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	6J8-11631-00-97	PISTON (STD)	3	16	93104-16M04	OIL SEAL	2
	6J8-11635-00	PISTON (0.25MM O/S)	3 AP	17	93210-56M80	O-RING	1
	6J8-11636-00	PISTON (0.50MM O/S)	3 AP	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 AP				

Fig. 3 INTAKE

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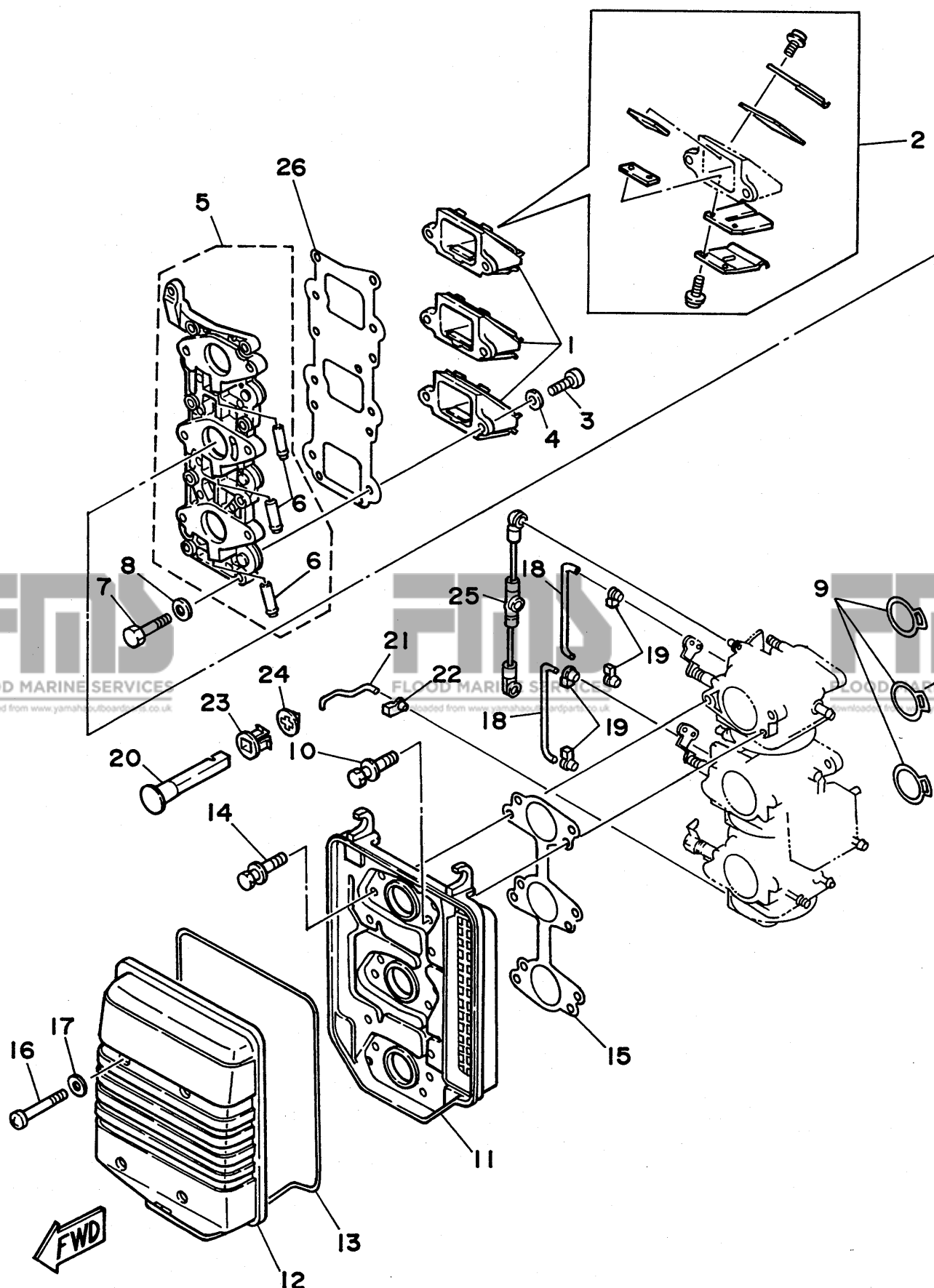
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Fig. 3 INTAKE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-13610-00	REED VALVE ASSY	3	14	90119-05M31	BOLT, with washer	6
2	6J8-W0004-00	. REED SET	1	15	6J8-14483-00	GASKET	1
3	97803-05016	SCREW, pan head	6	16	98580-05540	SCREW, pan head	4
4	92990-05600	WASHER, plate	6	17	92990-05600	WASHER, plate	4
5	6J8-13641-10-94	MANIFOLD 1	1	18	6J8-41259-00	ROD, choke 3	2
6	676-14485-00	.PIPE, joint	3	19	661-41262-02	JOINT, choke lever	4
7	97313-06025	BOLT	8	20	6J8-41271-00	KNOB, choke	1
8	92990-06600	WASHER, plate	8	21	6J8-41257-00	ROD, choke 2	1
9	6J8-14198-00	GASKET	3	22	6J8-41262-00	JOINT, choke lever	1
10	90119-06M32	BOLT, with washer	6	23	689-41273-00	GROMMET	1
11	6J8-14417-00	COVER 1	1	24	6J8-41274-00	GROMMET 2	1
12	6J8-14418-00	COVER 2	1	25	6J8-41217-00	ROD, accel. lever	1
13	6J8-14476-00	SEAL	1	26	6J8-13621-00	GASKET, valve seat	1

Fig. 4 CARBURETOR

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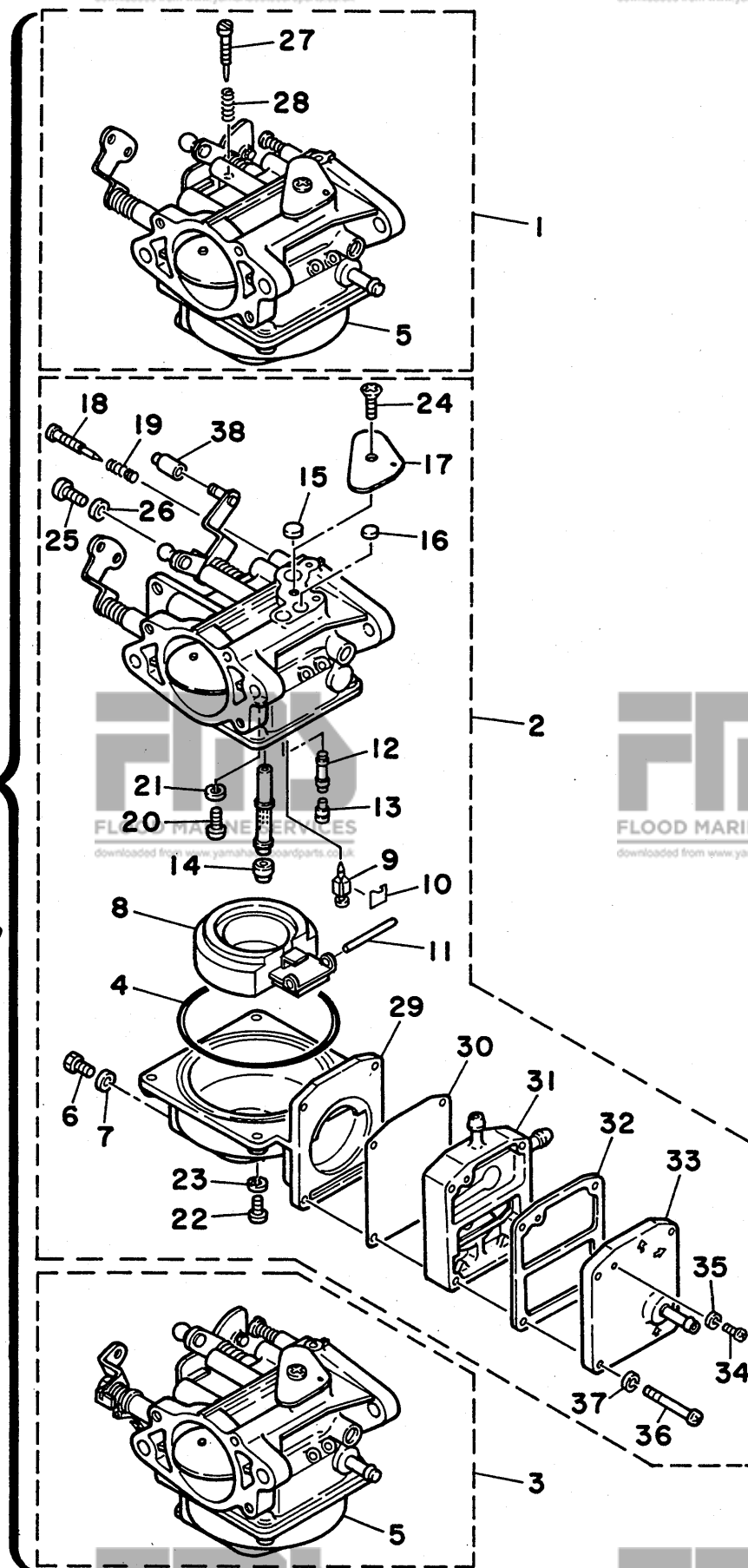
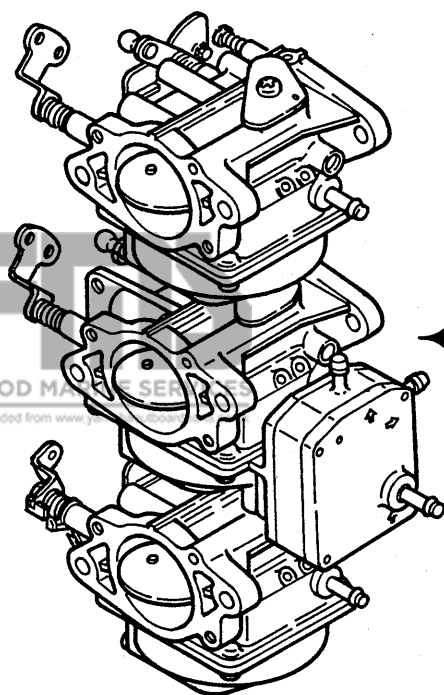
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Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-14301-10	CARBURETOR ASSY 1 (Upper)	1	20	97803-04010	.SCREW, pan head	3
2	6J8-14302-00	CARBURETOR ASSY 2 (Center)	1	21	92903-04100	.WASHER, spring	3
3	6J8-14303-00	CARBURETOR ASSY 3 (Lower)	1	22	97803-04012	.SCREW, pan head	12
4	6J8-14984-00	.GASKET, float chamber	3	23	92903-04100	.WASHER, spring	12
5	6J8-14980-00	.BODY, float chamber	2	24	98701-05008	.SCREW, flat head	3
6	6J8-14991-00	.SCREW	3	25	6J8-14592-00	.SCREW	3
7	6J8-14995-00	.GASKET	3	26	92990-05600	.WASHER, plate	3
8	6J8-14985-00	.FLOAT	3	27	6J8-14523-00	.SCREW, stop (Upper)	1
9	6J8-14546-00	.VALVE, needle	3	28	6J8-14334-00	.SPRING, throttle (Upper)	1
10	6J8-14159-00	.CLIP	3	29	6J8-14981-00	.BODY, float chamber (Center)	1
11	6J8-14548-00	.PIN, float arm	3	30	6J8-24471-00	.DIAPHRAGM	1
12	6J8-1492F-25	.JET, air slow (#50)	3	31	6J8-24412-00	.BODY 1	1
13	6J8-14966-00	.PLUG	3	32	6J8-24432-00	.GASKET, fuel pump 2	1
14	6J8-1492E-51	.JET, main (#102)	3	33	6J8-24452-00	.COVER	1
15	6J8-14126-00	.PLUG	3	34	97803-03022	.SCREW, pan head	1
16	6J8-14118-00	.PLUG	3	35	92990-03100	.WASHER, spring	1
17	6J8-14527-00	.PLATE	3	36	97803-04024	.SCREW, pan head	4
18	6J8-14923-00	.SCREW, pilot	3	37	92903-04100	.WASHER, spring	4
19	6J8-14555-00	.SPRING	3	38	6J8-14578-00	.COLLAR (Center)	1

Fig. 5 STARTER

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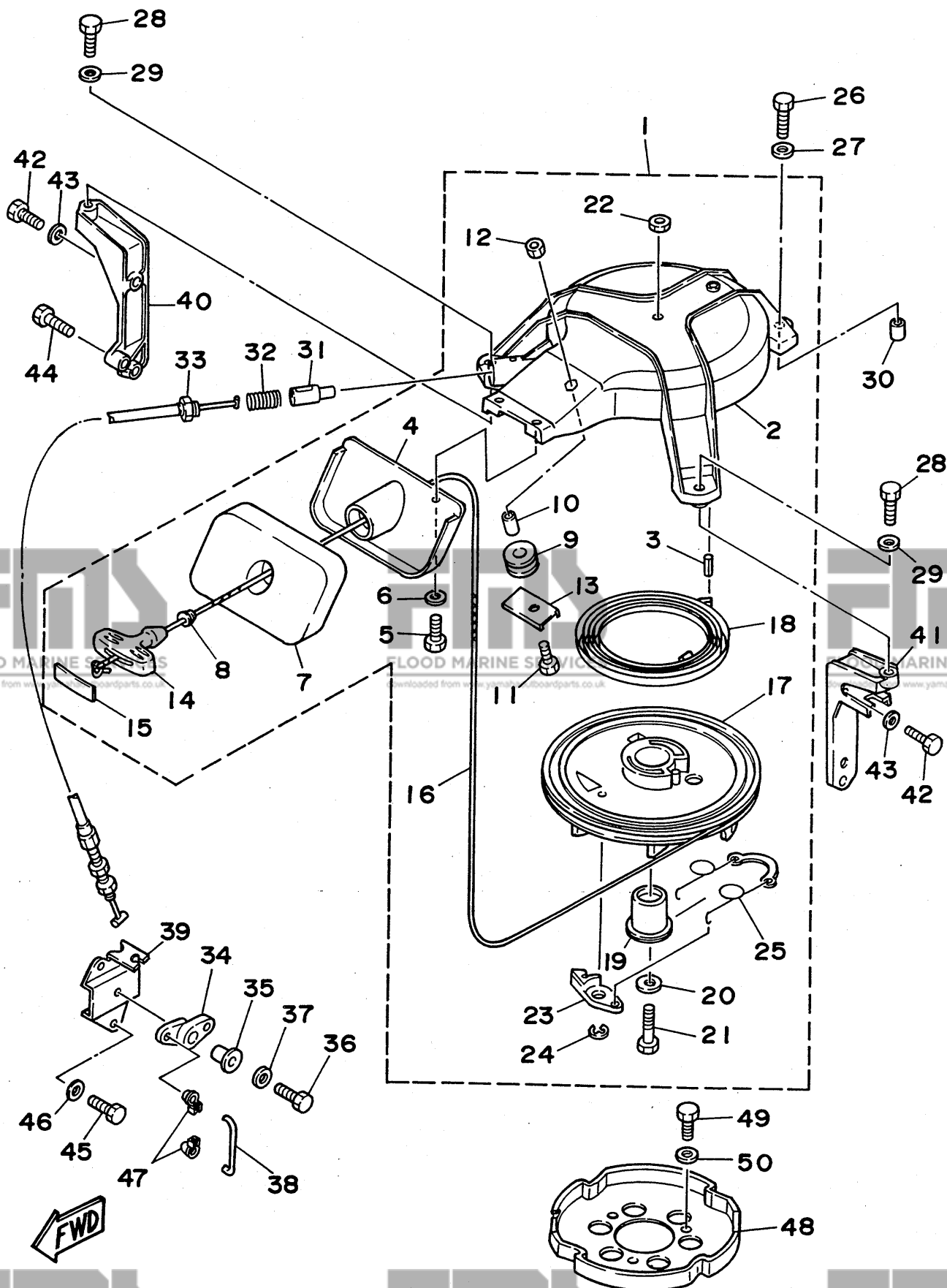
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Fig. 5 STARTER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-15710-00	STARTER ASSY	1	26	97313-06035	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-EJ	.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	6J8-15746-00	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	6F5-15747-00	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	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. 6 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6Y1-24207-81-24	FUEL TANK ASSY	1	21	92990-06600	WASHER, plate	1
2	6Y1-24246-00	.GRAPHIC, side	2	22	90467-08004	CLIP	2
3	6Y1-24256-80	.GRAPHIC	1	23	90445-09M00	HOSE	1
4	6Y1-24257-00	.GRAPHIC	1	24	655-24560-01	FILTER ASSY	1
5	6Y1-24610-00	.CAP ASSY	1	25	6F5-24563-00	.ELEMENT, filter	1
6	6Y1-24260-01	.FUEL METER ASSY	1	26	93210-37M25	.O-RING	1
7	6Y1-24268-00	.GASKET, fuel meter	1	27	655-24521-01	.CUP, filter	1
8	6Y1-24329-00	.SEAL	4	28	90179-08M15	NUT	1
9	98586-05016	.SCREW, pan head	4	29	6E5-24312-00	PIPE 2	1
10	6Y1-24306-05	FUEL PIPE COMP. 1	1	30	90464-09M21	CLAMP	1
*11	90445-11M06	.HOSE (L2050)	1	31	688-24313-00	PIPE 3	1
12	6Y1-24360-02	.PRIMER PUMP ASSY	1	32	6J8-24311-00	PIPE, fuel 1	1
*13	90445-11M05	.HOSE (L850)	1	33	90467-08004	CLIP	6
14	650-24351-01	.BAND 1	4	34	6E0-28100-01	TOOL KIT	1
15	6G1-24305-00	.FUEL PIPE JOINT COMP. 2	1	35	6J8-28170-00	TOOL, holder	1
16	93210-08287	.O-RING	1	36	90465-13154	CLAMP	1
17	6Y1-24305-01	.FUEL PIPE JOINT COMP. 2	1	37	97313-08016	BOLT	2
18	93210-08287	.O-RING	1	38	92990-08600	WASHER, plate	2
19	6G1-24304-00	FUEL PIPE JOINT COMP. 1	1	39	90464-12M17	CLAMP	6
20	97313-06025	BOLT	1	40	6E0-28193-00-94	PLUG, water check	1 AP

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

Fig. 7 TOP COWLING

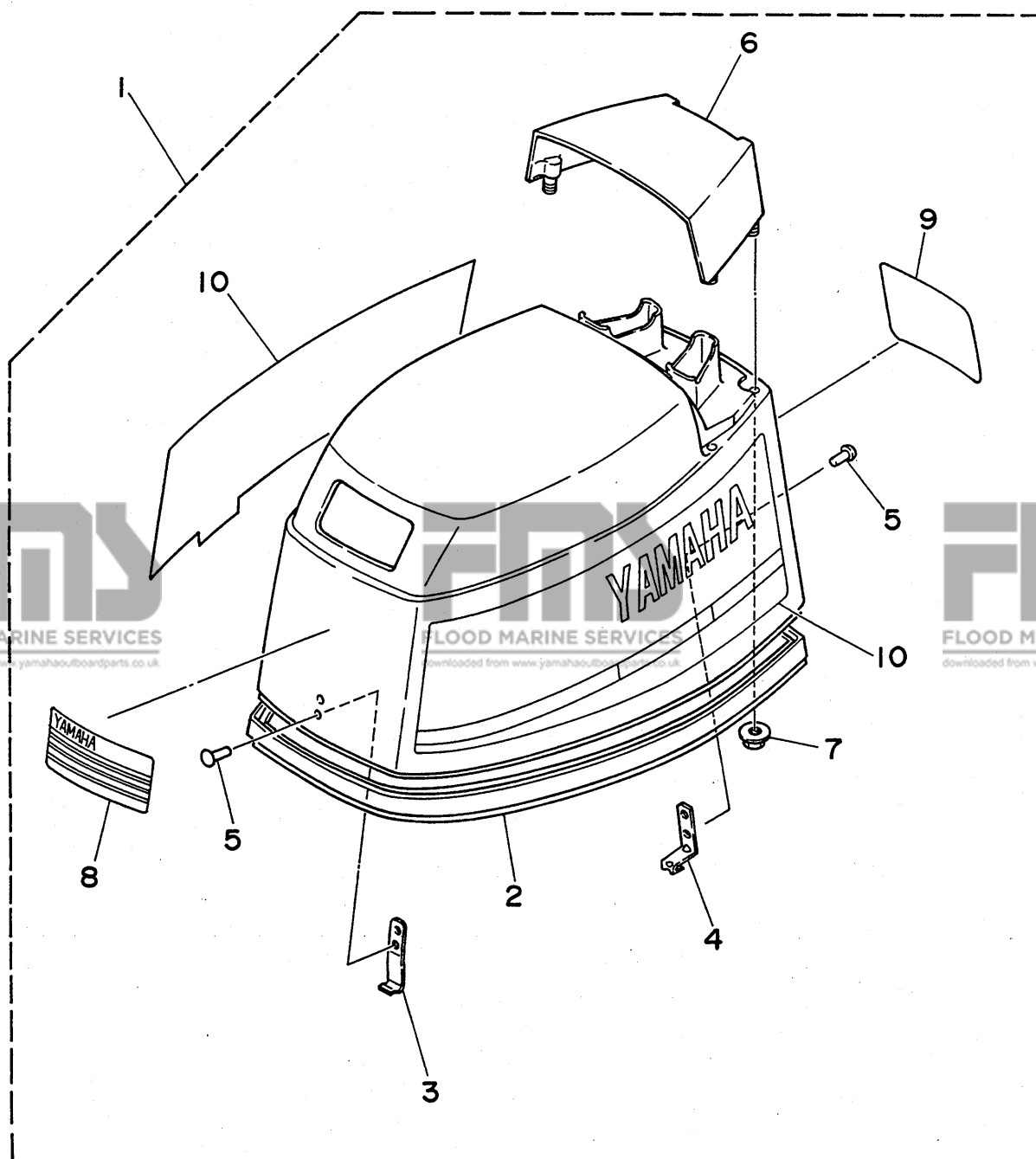


Fig. 7 TOP COWLING

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

Fig. 8 BOTTOM COWLING

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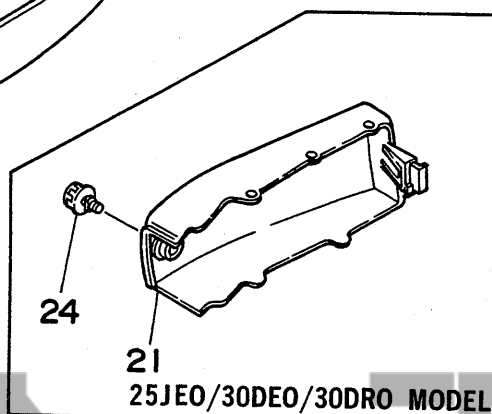
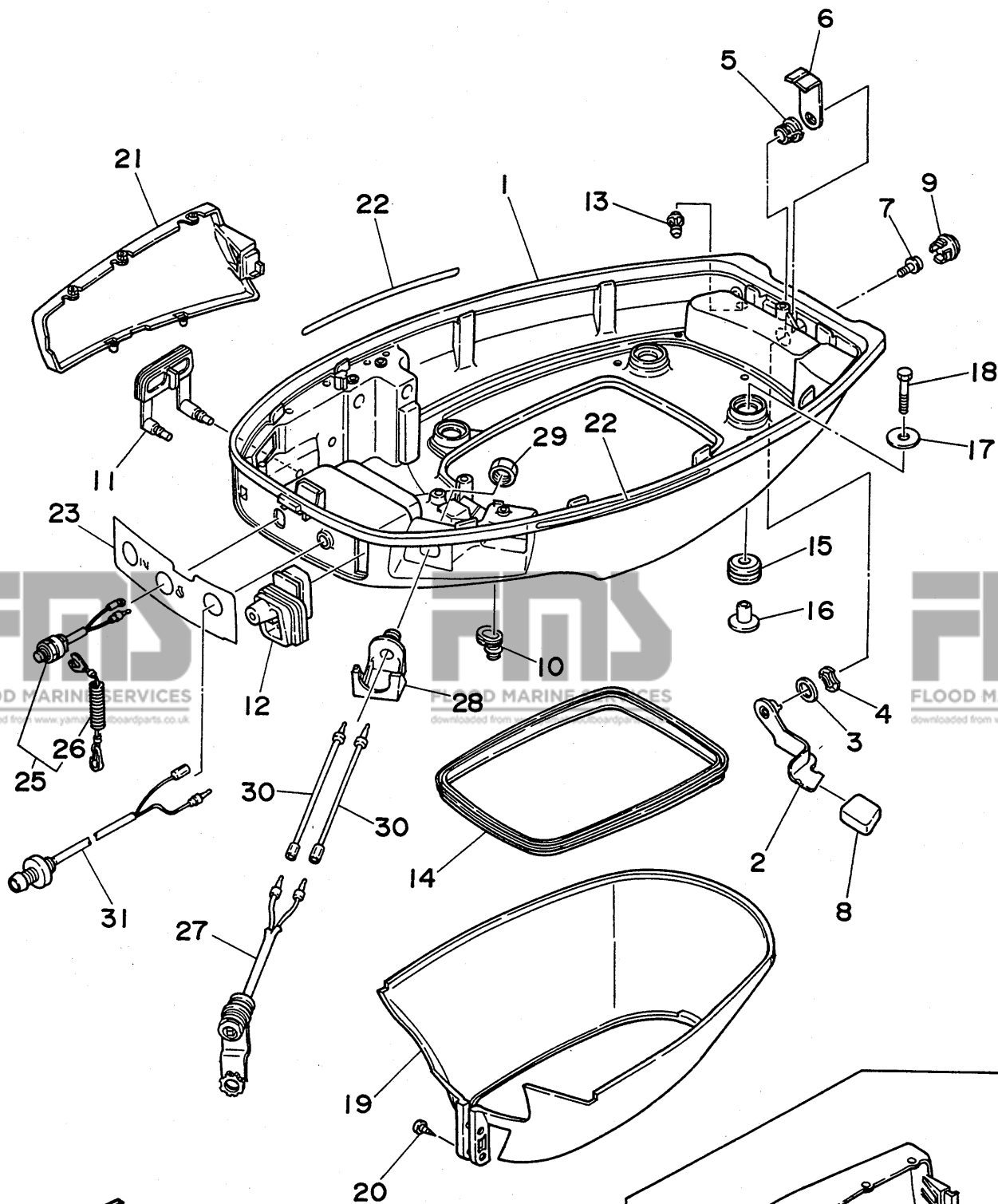
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Fig. 8 BOTTOM COWLING

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

Fig. 9 BRACKET I

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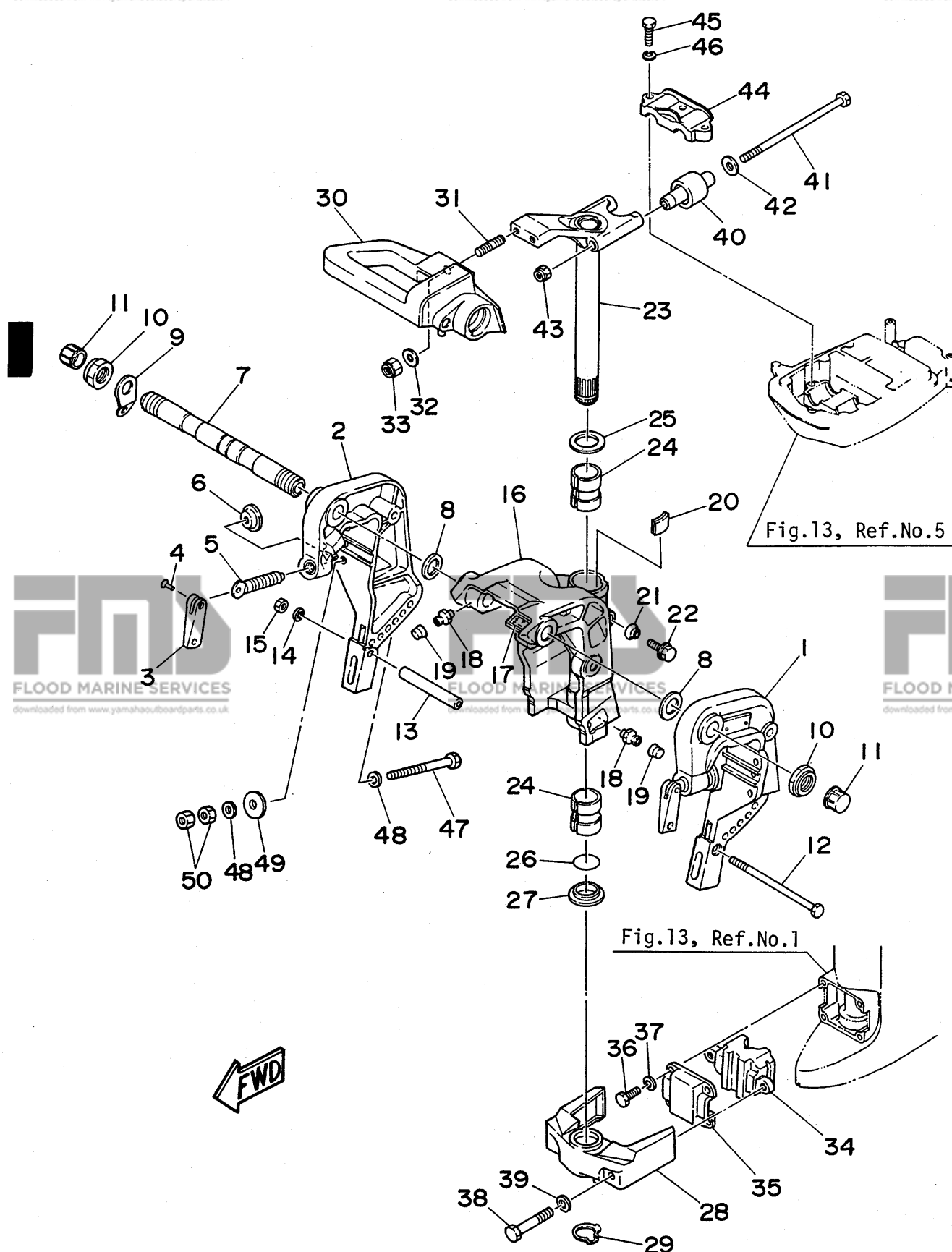
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Fig. 9 BRACKET 1

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	1
4	90243-04001	PIN	2	29	93410-28M06	CIRCLIP	1
5	90149-14M03	SCREW	2	30	6J8-42121-00-EJ	BRACKET	1
6	648-43114-01	PAD, transom clamp	2	31	90116-10M28	BOLT, stud	2
7	6J8-43131-00	BOLT, clamp bracket	1	32	92990-10600	WASHER, plate	2
8	90201-22428	WASHER, plate	2	33	90185-10051	NUT, self-locking	2
9	6J8-43113-00	PLATE, clamp bracket	1	34	6H4-44557-00	MOUNT DAMPER, lower front (Short)	1 UR
10	90185-22043	NUT, self-locking	2		6H4-44557-10	MOUNT DAMPER, lower front (Long)	1 UR
11	663-43145-00	CAP, clamp bracket	2	35	6H4-44553-00	COVER, lower mount	1
12	90101-08339	BOLT	1	36	97395-08025	BOLT	4
13	90387-09074	COLLAR	1	37	92990-08600	WASHER, plate	4
14	92990-08600	WASHER, plate	1	38	97395-10060	BOLT	2
15	95380-08600	NUT	1	39	92990-10600	WASHER, plate	2
16	6J8-43311-01-EJ	BRACKET, swivel	1	40	6H4-44514-00	MOUNT DAMPER, upper side	2
17	668-43691-00	INDICATOR, tilt	1	41	90109-08M26	BOLT	2
18	93700-06004	NIPPLE, grease	3	42	90201-09425	WASHER, plate	2
19	663-45119-00	CAP, grease nipple	3	43	90185-08045	NUT, self-locking	2
20	6H4-42528-00	PLATE, friction	1	44	6J8-44511-00-EJ	COVER, upper mount	1
21	689-43373-01	SEAL, damper	1	45	97390-08035	BOLT	3
22	90105-06M18	BOLT, washer based	1	46	92990-08100	WASHER, spring	3
23	6J8-42510-00-EJ	STEERING BRACKET ASSY	1	47	90101-10M58	BOLT	4
24	90386-30048	BUSH	2	48	92990-10600	WASHER, plate	8
25	90201-30420	WASHER, plate	1	49	90201-12426	WASHER, plate	4
				50	95380-10600	NUT	8

Fig. 10 BRACKET 2

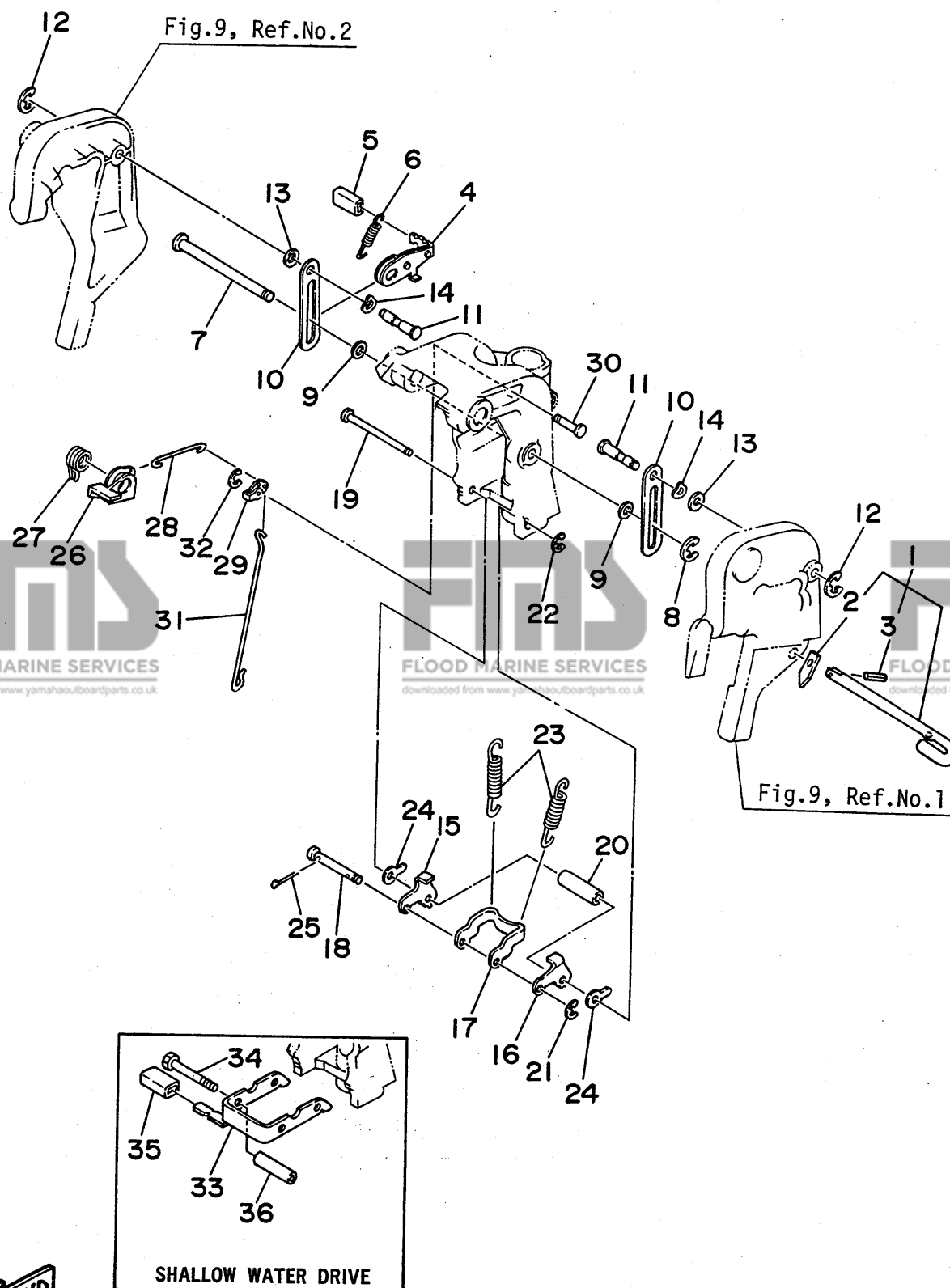


Fig. 10 BRACKET 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-43160-00	TILT ROD ASSY	1	19	6J8-43611-00	SHAFT, tilt lock	1
2	676-43165-00	.PLATE, tilt lock	1	20	90387-07M64	COLLAR	1
3	91690-30010	.PIN, spring	1	21	93430-06M02	CIRCLIP	1
4	6J8-43181-01	LEVER, tilt stop	1	22	99080-05600	CIRCLIP	1
5	682-43318-01	COVER	1	23	90506-32M22	SPRING, tension	2
6	90506-12M25	SPRING, tension	1	24	6H4-43674-00	WASHER (Without Shallow Water Drive)	2
7	90249-12M17	PIN	1	25	91490-20012	PIN, cotter	2
8	93430-10M00	CIRCLIP	1	26	6H4-43631-01	LEVER, tilt	1
9	90202-12031	WASHER, plate	2	27	689-43643-00	SPRING	1
10	6J8-43627-00	STOPPER	2	28	6H4-43616-00	ROD, tilt lock	1
11	90249-12M14	PIN	2	29	682-43641-00	LEVER, tilt	1
12	93430-10M00	CIRCLIP	2	30	90249-06117	PIN	1
13	90202-12031	WASHER, plate	2	31	6J8-43617-00	ROD, tilt lock	1
14	90206-12M16	WASHER, wave	2	32	93430-05027	CIRCLIP	1
15	6J8-43614-00	PLATE, tilt lock	1	33	6J8-43681-00	LEVER, shallow water drive	1
16	6J8-43615-00	PLATE, tilt lock	1	34	97395-06075	BOLT	1
17	6J8-43613-00	ARM, tilt lock	1	35	682-43318-01	COVER	1
18	6H4-43659-00	SHAFT, reverse lock	1	36	90387-06M00	COLLAR	1

Fig. 11 STEERING

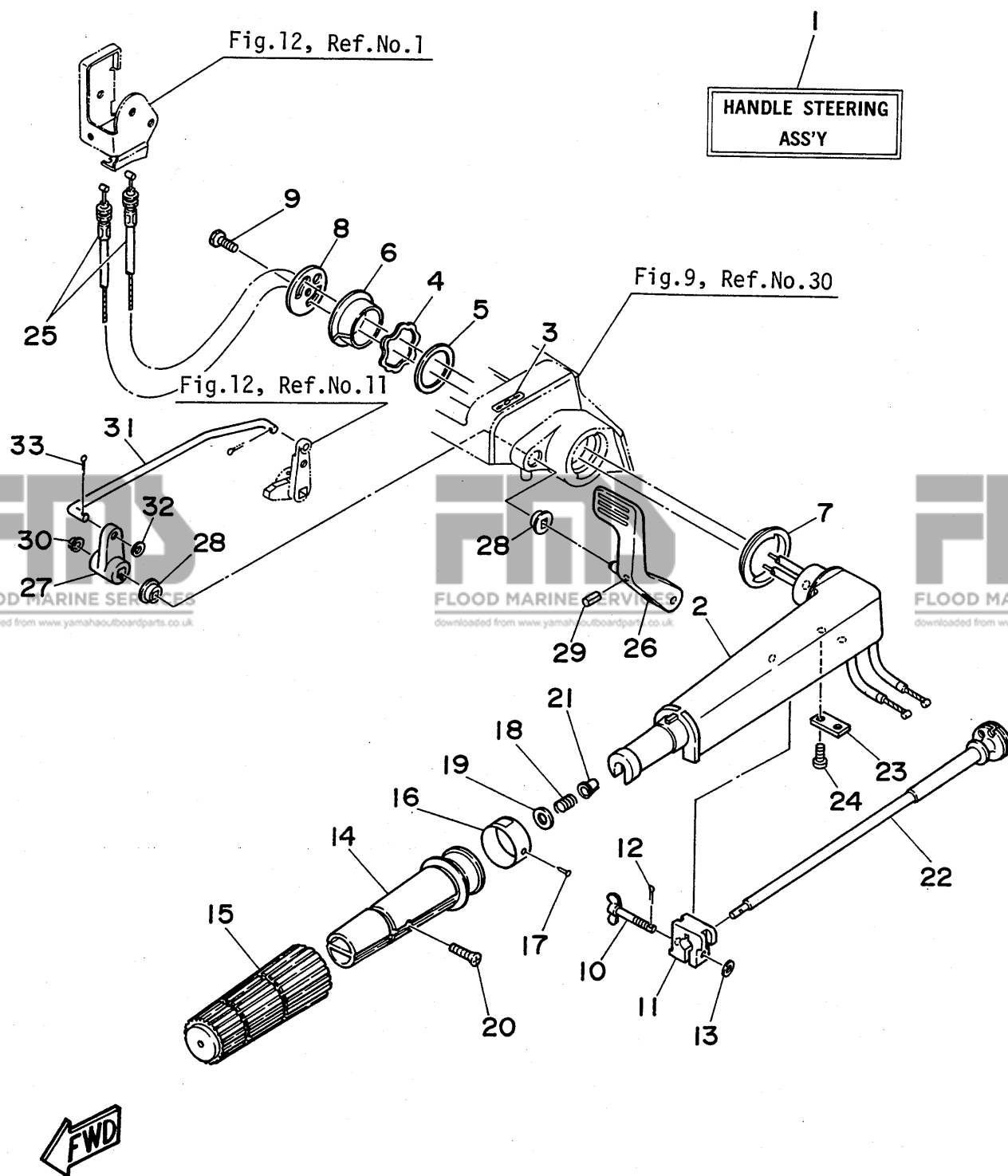


Fig. 11 STEERING

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 33, Fig. 8 Ref.No.12 and Fig.9 Ref.No.30)	1	17	90269-02001	RIVET	1
2	6G1-42111-03-EJ	HANDLE, steering	1	18	90501-23215	SPRING, compression	1
3	6E0-44191-11	INDICATOR, shift	1	19	92990-10600	WASHER, plate	1
4	90206-35M11	WASHER, wave	1	20	98680-05525	SCREW, oval head	1
5	90202-35M24	WASHER, plate	1	21	90386-08032	BUSH	1
6	90386-34M40	BUSH	1	22	6G1-42138-01	LEVER, throttle	1
7	90386-43M62	BUSH	1	23	6E0-42159-00	STAY	1
8	6G1-42131-00	COVER, handle steering	1	24	98580-05012	SCREW, pan head	2
9	97395-06016	BOLT	1	25	6J8-26301-00	THROTTLE CABLE ASSY	2
10	6G1-42125-01	BOLT, friction adjusting	1	26	6J8-44111-00-EJ	HANDLE, gear shift	1
11	6G1-42126-00	FRICTION, steering handle grip	1	27	6J8-44125-00	LEVER, shift rod	1
12	91490-16010	PIN, cotter	1	28	682-44132-00	BUSHING	2
13	90202-05088	WASHER, plate	1	29	91690-30018	PIN, spring	1
14	664-42119-00	GRIP, steering handle	1	30	90386-06M12	BUSH	1
15	6G1-42177-00	RUBBER, handle	1	31	6J8-44124-00	LINK, shift rod	1
16	6J8-42137-00	INDICATOR, throttle	1	32	92990-06200	WASHER, plain	1
				33	91490-20015	PIN, cotter	1

Fig. 12 CONTROL

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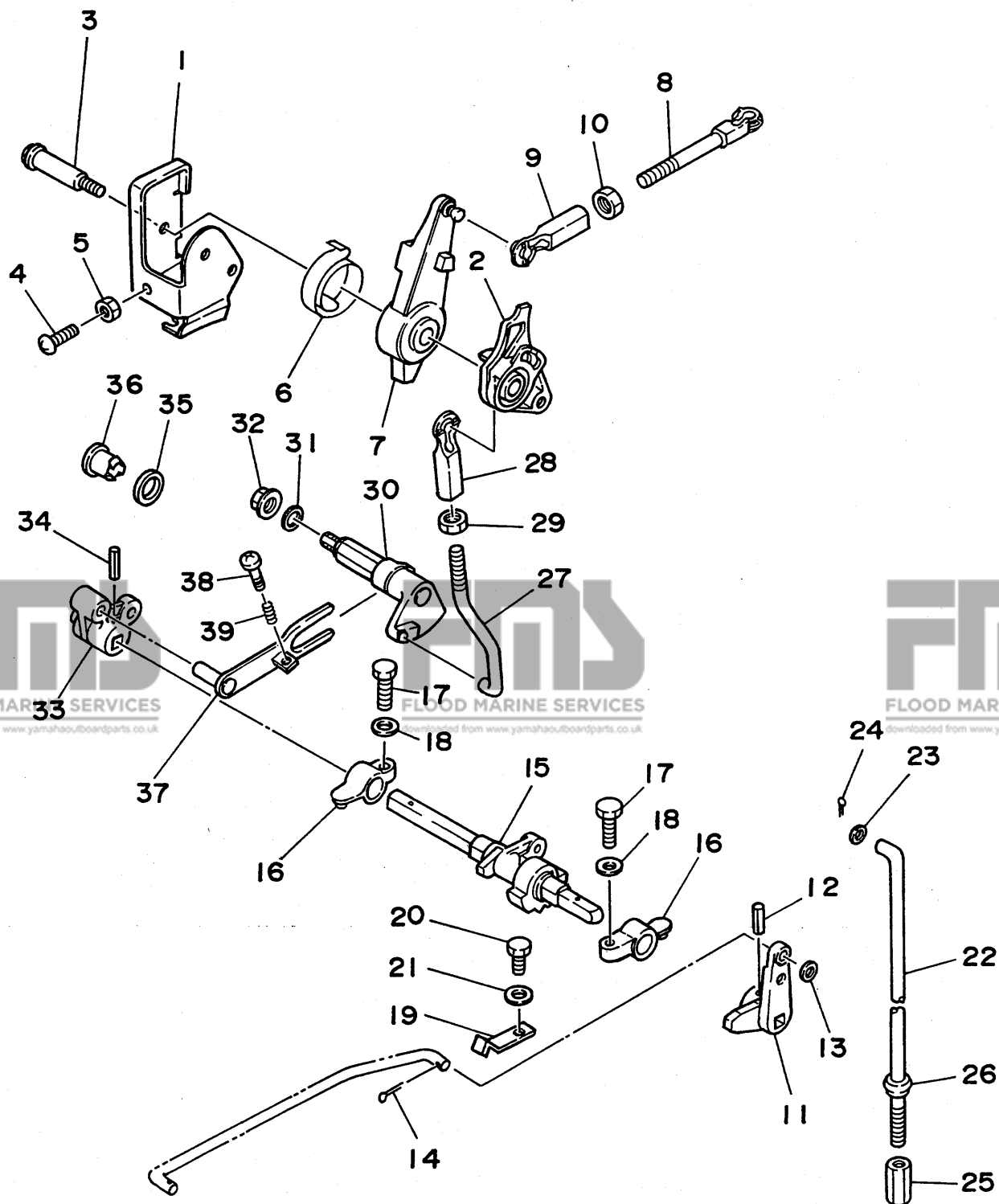
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Fig. 12 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-14497-00	STAY, throttle wire	1	20	97395-06012	BOLT	1
2	6J8-41213-00	CAM, accel. (30D Model)	1 UR	21	92990-06600	WASHER, plate	1
	6K9-41213-00	CAM, accel. (25J Model)	1 UR	22	6J8-44143-00	ROD, shift	1
3	90109-06M28	BOLT	1	23	92990-05600	WASHER, plate	1
4	97803-06025	SCREW, pan head	1	24	91490-16010	PIN, cotter	1
5	95303-06600	NUT	1	25	90170-06015	NUT	1
6	6J8-42167-00	SPRING 1	1	26	689-43373-01	SEAL, damper	1
7	6J8-41631-01	LEVER, magneto control	1	27	6J8-42192-00	ROD 2	1
8	689-42169-01	JOINT	1	28	682-41237-00	JOINT, link	1
9	682-41237-00	JOINT, link	1	29	95303-05600	NUT	1
10	95303-05600	NUT	1	30	6J8-42154-01	LEVER, throttle control	1
11	6J8-44123-00	ARM, shift rod	1	31	90202-10024	WASHER, plate	1
12	91690-30018	PIN, spring	1	32	95780-08300	NUT, nylon	1
13	92990-06200	WASHER, plain	1	33	6J8-44142-00	JOINT	1
14	91490-20015	PIN, cotter	1	34	91690-30018	PIN, spring	1
15	6J8-44121-00	LEVER, shift rod	1	35	90202-12M17	WASHER, plate	1
16	6G1-41662-01-94	BRACKET	2	36	682-42726-00	GROMMET 3	1
17	97313-06020	BOLT	2	37	6J8-41211-00	LINK, accel.	1
18	92990-06600	WASHER, plate	2	38	97890-04020	SCREW, pan head	1
19	6G1-44116-01	SPRING	1	39	6J8-14555-00	SPRING	1

Fig. 13 UPPER CASING

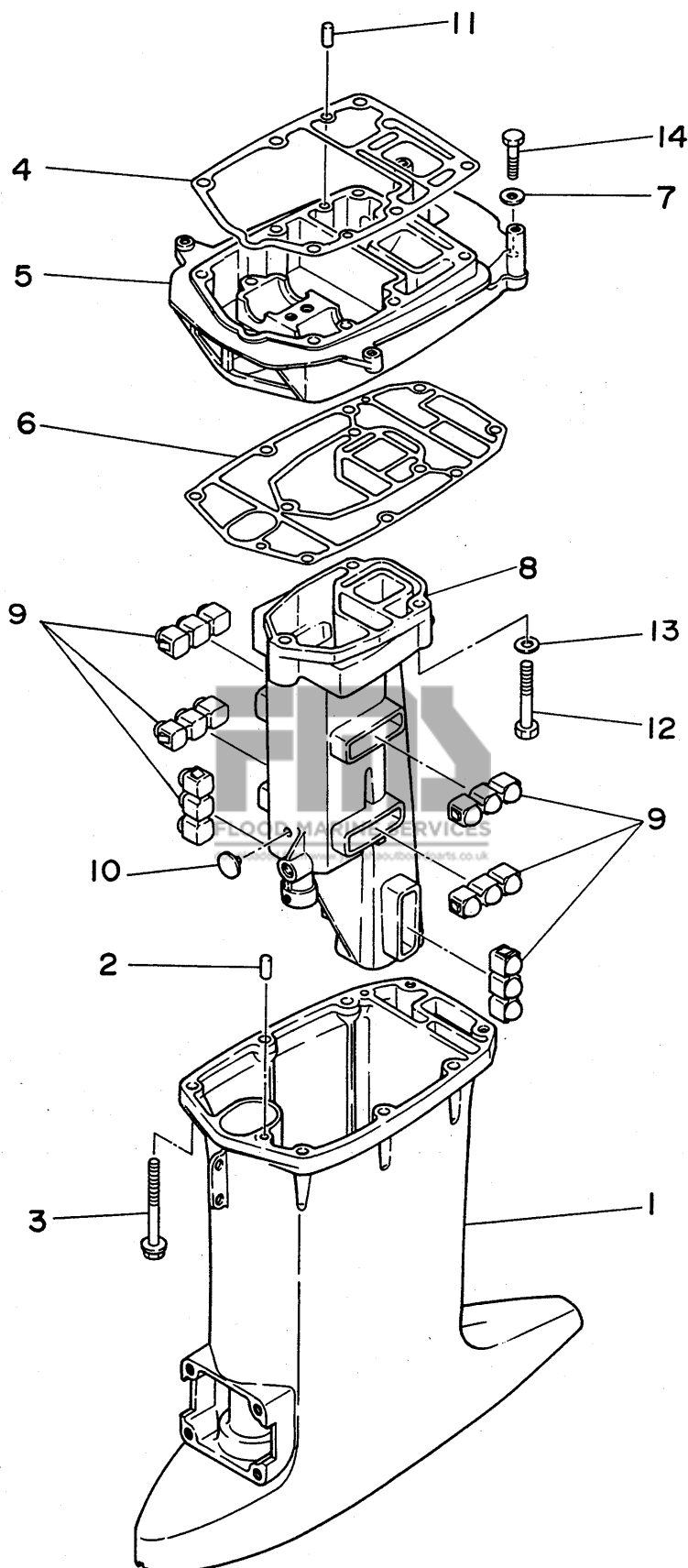


Fig. 13 UPPER CASING

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	92990-08600	WASHER, plate	2
	6J8-45111-10-EJ	CASING, upper (Long)	1 UR	8	6J8-41131-00-9M	MANIFOLD, ext. 1	1
2	93606-12019	PIN, dowel	2	9	6J8-14737-00	DAMPER, muffler	6
3	90119-08M31	BOLT, with washer	6	10	90338-07M00	PLUG	1
4	6J8-45113-00	GASKET, upper casing	1	11	93606-12019	PIN, dowel	2
5	6J8-41137-00-94	GUIDE, exhaust	1	12	97395-08050	BOLT	3
6	6J8-45114-01	GASKET, upper casing	1	13	92990-08600	WASHER, plate	3
				14	97375-08030	BOLT	2

Fig. 14 LOWER CASING. DRIVE I

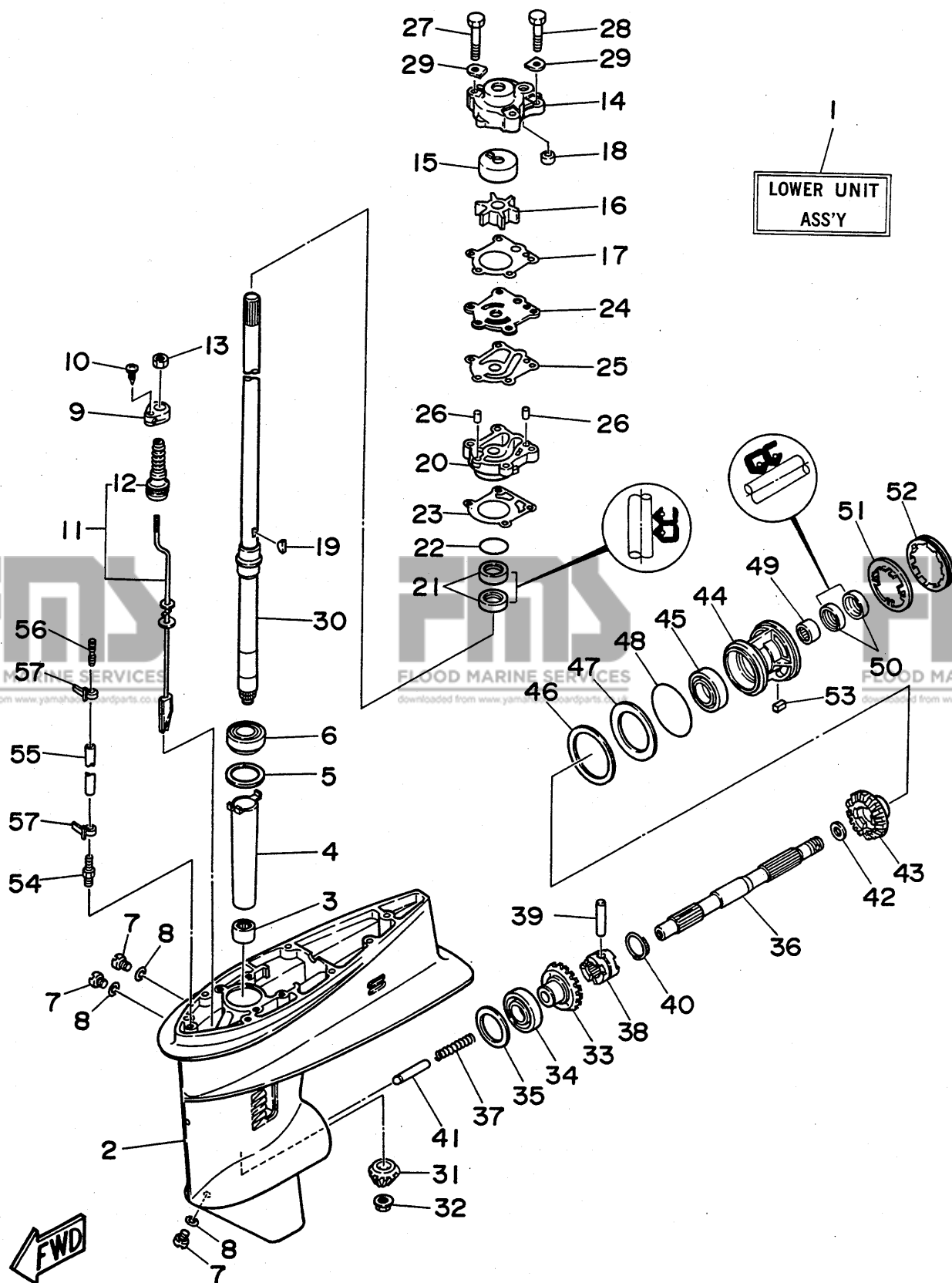


Fig. 14 LOWER CASING. DRIVE 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-45300-01-EJ	LOWER UNIT ASSY (Short)	1 UR	31	6J8-45551-00	PINION	1
	6J8-45300-11-EJ	LOWER UNIT ASSY (Long)	1 UR	32	90179-10M14	NUT	1
2	6J8-45301-00-EJ	CASING, lower	1	33	6J8-45560-00	GEAR	1
3	93315-220V7	BEARING, cylindrical	1	34	93332-000V6	BEARING	1
4	6J8-45536-00	SLEEVE, drive shaft	1	35	6J8-45567-00-05	SHIM	1 UR
5	663-45587-00-05	SHIM (TO.05)	1 UR		6J8-45567-00-08	SHIM	1 UR
	663-45587-00-08	SHIM (TO.08)	1 UR		6J8-45567-00-12	SHIM	1 UR
	663-45587-00-12	SHIM (TO.12)	1 UR		6J8-45567-00-30	SHIM	1 UR
	663-45587-00-30	SHIM (TO.30)	1 UR		6J8-45567-00-50	SHIM	1 UR
	663-45587-00-50	SHIM (TO.50)	1 UR	36	6J8-45611-00	SHAFT, propeller	1
6	93332-00023	BEARING	1	37	90501-10065	SPRING, compression	1
7	90340-08014	PLUG, straight screw	3	38	6J8-45631-00	CLUTCH, dog	1
8	90430-08020	GASKET	3	39	90250-05010	PIN, straight	1
9	682-44176-00	BRACKET	1	40	648-45633-00	RING, cross pin	1
10	97780-50510	SCREW, tapping	1	41	6J8-45635-00	PLUNGER, shift	1
11	6J8-44150-00	SHIFT CAM ASSY (Short)	1	42	90201-20417	WASHER, plate	1
	6J8-44150-10	SHIFT CAM ASSY (Long)	1	43	6J8-45571-00	GEAR	1
12	682-44147-00	.BOOT, shift rod	1	44	689-45331-00-94	HOUSING, bearing	1
13	95380-06700	NUT	1	45	93306-00609	BEARING	1
14	6J8-44311-00	HOUSING, water pump	1	46	664-45577-00-05	SHIM (TO.05)	1 UR
15	663-44322-00	INSERT, cartridge	1		664-45577-00-08	SHIM (TO.08)	1 UR
16	6H4-44352-00	IMPELLER	1		664-45577-00-12	SHIM (TO.12)	1 UR
17	663-44315-00	GASKET, water pump	1		664-45577-00-30	SHIM (TO.30)	1 UR
18	663-44366-00	DAMPER, water seal	1		664-45577-00-50	SHIM (TO.50)	1 UR
19	90280-03024	KEY, woodruff	1	47	664-45576-00	WASHER, thrust	1
20	663-44341-00-94	HOUSING, water pump	1	48	93210-60M17	O-RING	1
21	93101-23070	OIL SEAL	2	49	93315-22004	BEARING, cylindrical	1
22	93210-41042	O-RING	1	50	93101-20M07	OIL SEAL	2
23	663-44316-00	GASKET, water pump	1	51	90214-45M00	WASHER, claw	1
24	663-44323-00	OUTER PLATE, cartridge	1	52	664-45384-00	NUT	1
25	663-44324-00	GASKET, cartridge	1	53	90282-04010	KEY, straight	1
26	93604-08062	PIN, dowel	2	54	6E5-45378-00	NIPPLE, hose	1
27	97395-08050	BOLT	2	55	90445-07ME9	HOSE 1 (Short)	1 UR
28	97395-08040	BOLT	2		90445-07M31	HOSE 1 (Long)	1 UR
29	90209-08M02	WASHER	4	56	6E5-83558-00	END, nipple	1
30	6J8-45501-00	DRIVE SHAFT COMP. (Short)	1 UR	57	90465-11M10	CLAMP	2
	6J8-45501-10	DRIVE SHAFT COMP. (Long)	1 UR				

Fig. 15 LOWER CASING. DRIVE 2

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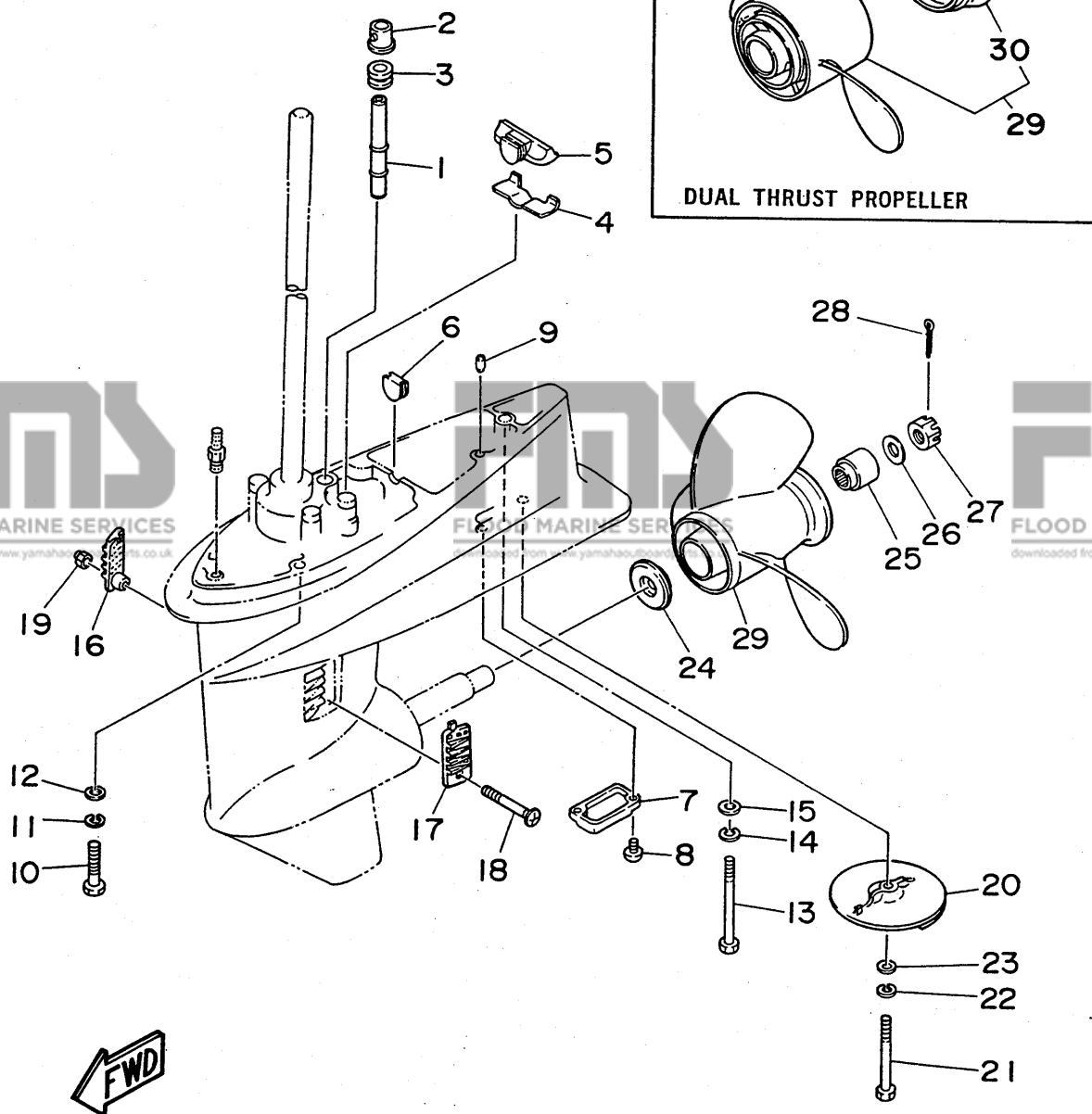


Fig. 15 LOWER CASING. DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-44361-00	TUBE, water (Short)	1 UR	20	664-45371-01	TAB-TRIM	1
	6J8-44361-10	TUBE, water (Long)	1 UR	21	97395-08020	BOLT	1
2	6J8-44366-00	DAMPER, water seal	1	22	92990-08100	WASHER, spring	1
3	663-44367-00	DAMPER, water seal	1	23	92990-08600	WASHER, plate	1
4	6H9-45376-00	GUIDE, seal damper	1	24	664-45987-00	SPACER	1
5	6J8-45375-10	DAMPER, seal	1	25	689-45997-00	SPACER	1
6	6J8-44365-10	DAMPER, water seal	1	26	92990-14200	WASHER, plain	1
7	6J8-45224-10	COVER, water inlet 3	1	27	90171-14013	NUT, castle	1
8	92580-06012	SCREW, pan head	2	28	91490-30025	PIN, cotter	1
9	93606-12019	PIN, dowel	2	29	664-45941-01-EL	PROPELLER (3X9-7/8"X9"-F)	1 UR
10	97375-10040	BOLT	4		664-45943-01-EL	PROPELLER (3X9-7/8"X8"-F)	1 UR
11	92990-10100	WASHER, spring	4		664-45945-00-EL	PROPELLER (3X9-7/8"X10-1/2"-F)	1 UR
12	92990-10600	WASHER, plate	4		664-45947-01-EL	PROPELLER (3X9-7/8"X11-1/4"-F)	1 UR
13	97395-08085	BOLT	1		664-45949-02-EL	PROPELLER (3X9-7/8"X13"-F)	1 UR
14	92990-08100	WASHER, spring	1		664-45952-00-EL	PROPELLER (3X9-7/8"X14"-F)	1 UR
15	92990-08600	WASHER, plate	1			STAINLESS STEEL PROPELLER	
16	689-45214-01	COVER, water inlet	1		664-45970-00-98	PROPELLER (3X9-1/8"X13"-F)	1 UR
17	6J8-45215-00	COVER, water inlet	1			DUAL THRUST PROPELLER	
18	98680-05525	SCREW, oval head	1		6J8-W4591-00-EL	PROPELLER (3X10-5/8"X8-1/4"-F)	1 UR
19	90185-05002	NUT, self-locking	1	30	6J8-45986-10	.RING, deflector	1

Fig. 16 GENERATOR

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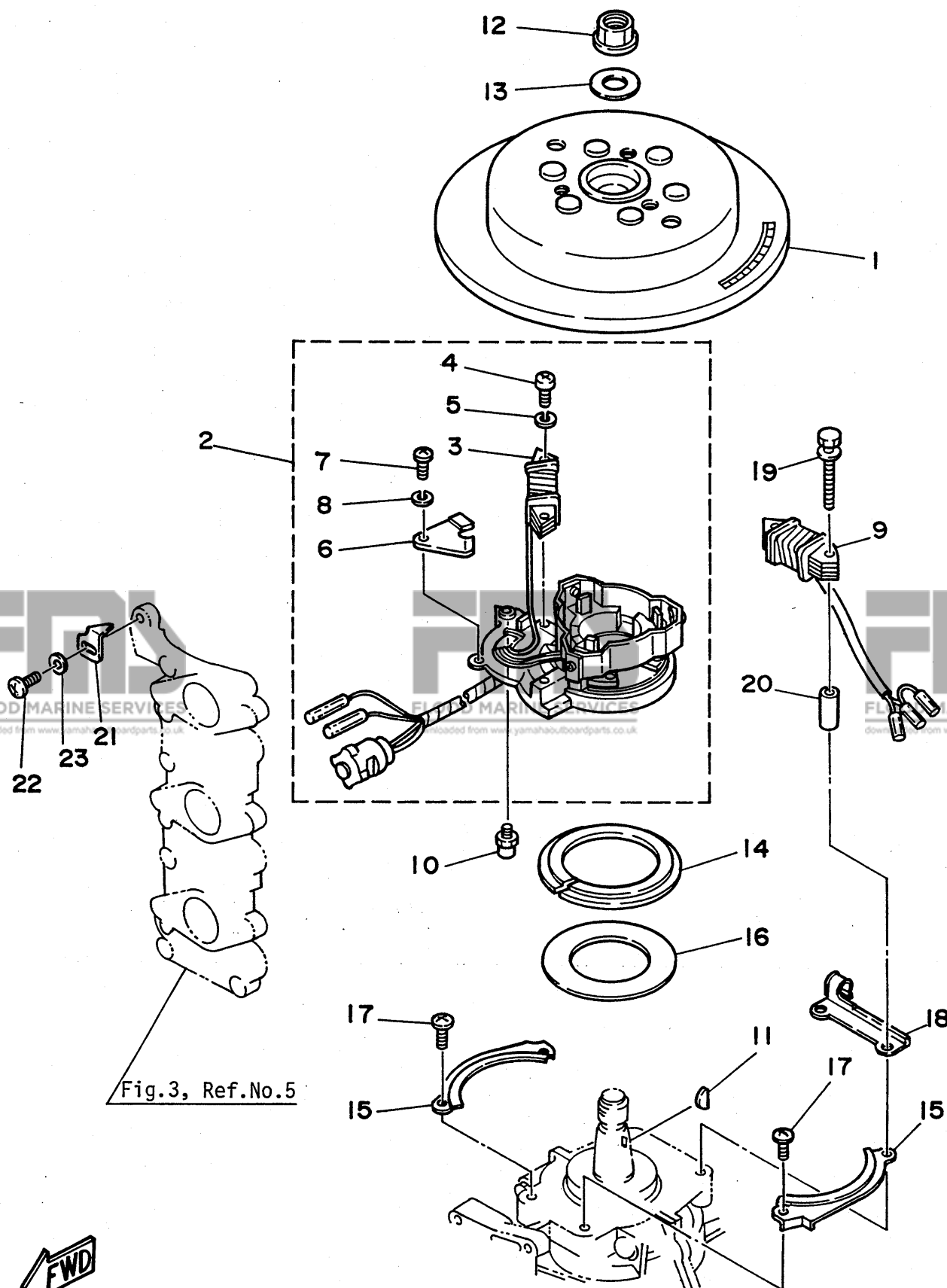


Fig. 16 GENERATOR

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

Fig. 17 ELECTRIC PARTS

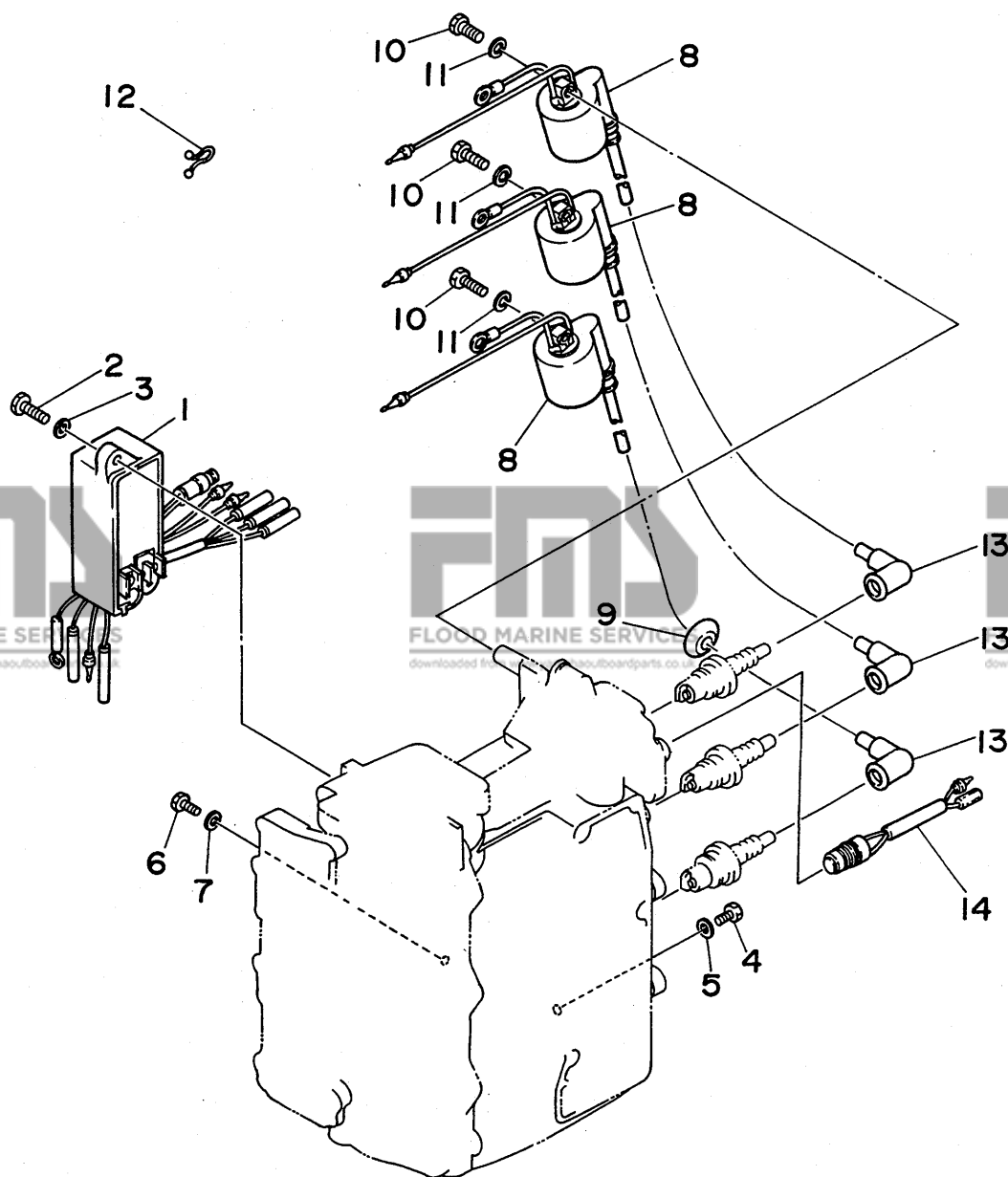


Fig. 17 ELECTRIC PARTS

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-85540-H0	C.D.I. UNIT ASSY	1	8	6J8-85570-20	IGNITION COIL ASSY	3
2	97313-06025	BOLT	2	9	90480-25161	GROMMET	1
3	92990-06600	WASHER, plate	2	10	97313-06020	BOLT	6
4	97313-06012	BOLT	1	11	92990-06100	WASHER, spring	6
5	92990-06600	WASHER, plate	1	12	90464-05M16	CLAMP	1
6	97313-06012	BOLT	1	13	6G1-82370-20	PLUG CAP ASSY	3
7	92990-06600	WASHER, plate	1	14	689-82560-00	THERMO SWITCH ASSY	1

Fig. 18 TOP COWLING (25JEO/30DEO MODEL)

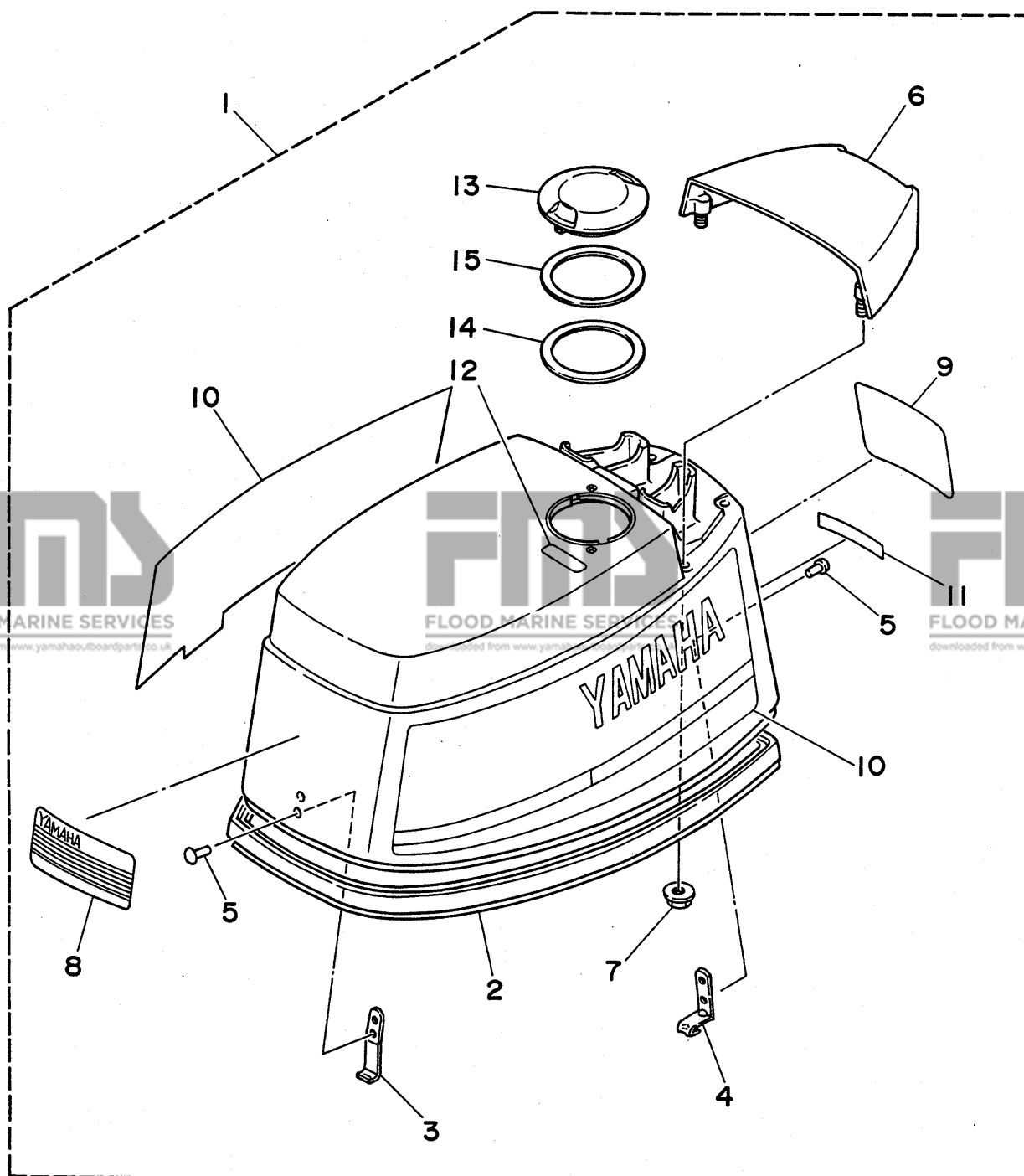


Fig. 18 TOP COWLING (25JE0/30DE0 MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-42610-E0-EJ	TOP COWLING ASSY (30DE0 Model)	1 UR	9	6J8-42678-00	.GRAPHIC, rear (30D Model)	1 UR
	6K9-42610-E0-EJ	TOP COWLING ASSY (25JE0 Model)	1 UR		6K9-42678-00	.GRAPHIC, rear (25J Model)	1 UR
2	6J8-42615-00	.SEAL	1	10	6J8-W0070-E0	.GRAPHIC SET	1
3	6J8-42651-00	.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	.DISC 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. 19 GENERATOR (25JEO/30DEO MODEL)

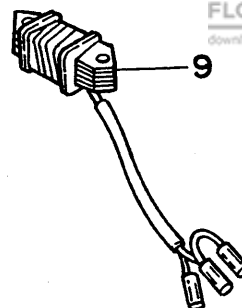
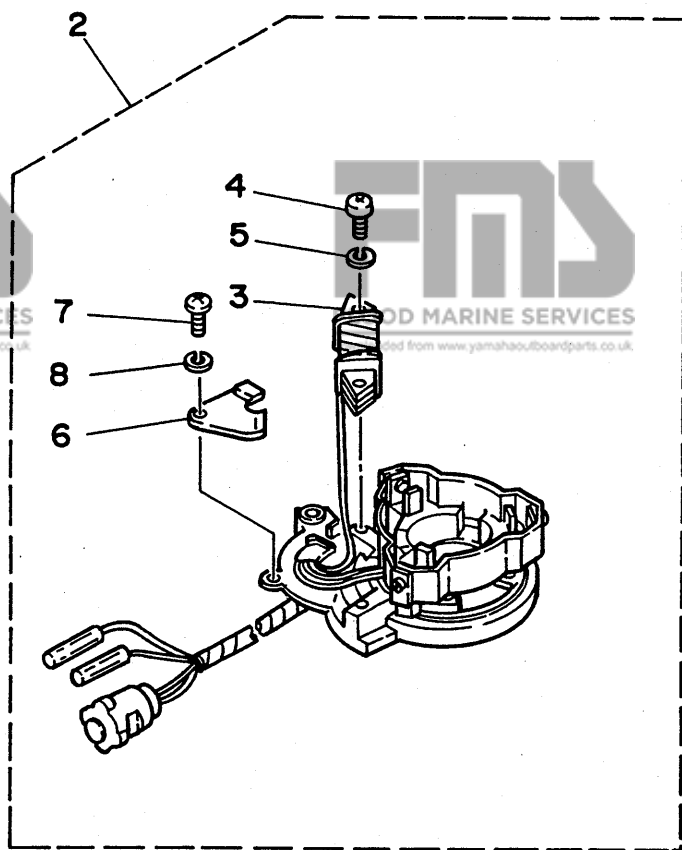
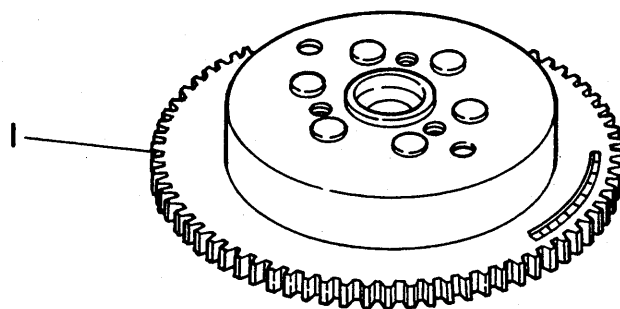


Fig. 19 GENERATOR (25JE0/30DE0 MODEL)

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. 20 STARTING MOTOR

(25JE0/30DE0 MODEL)

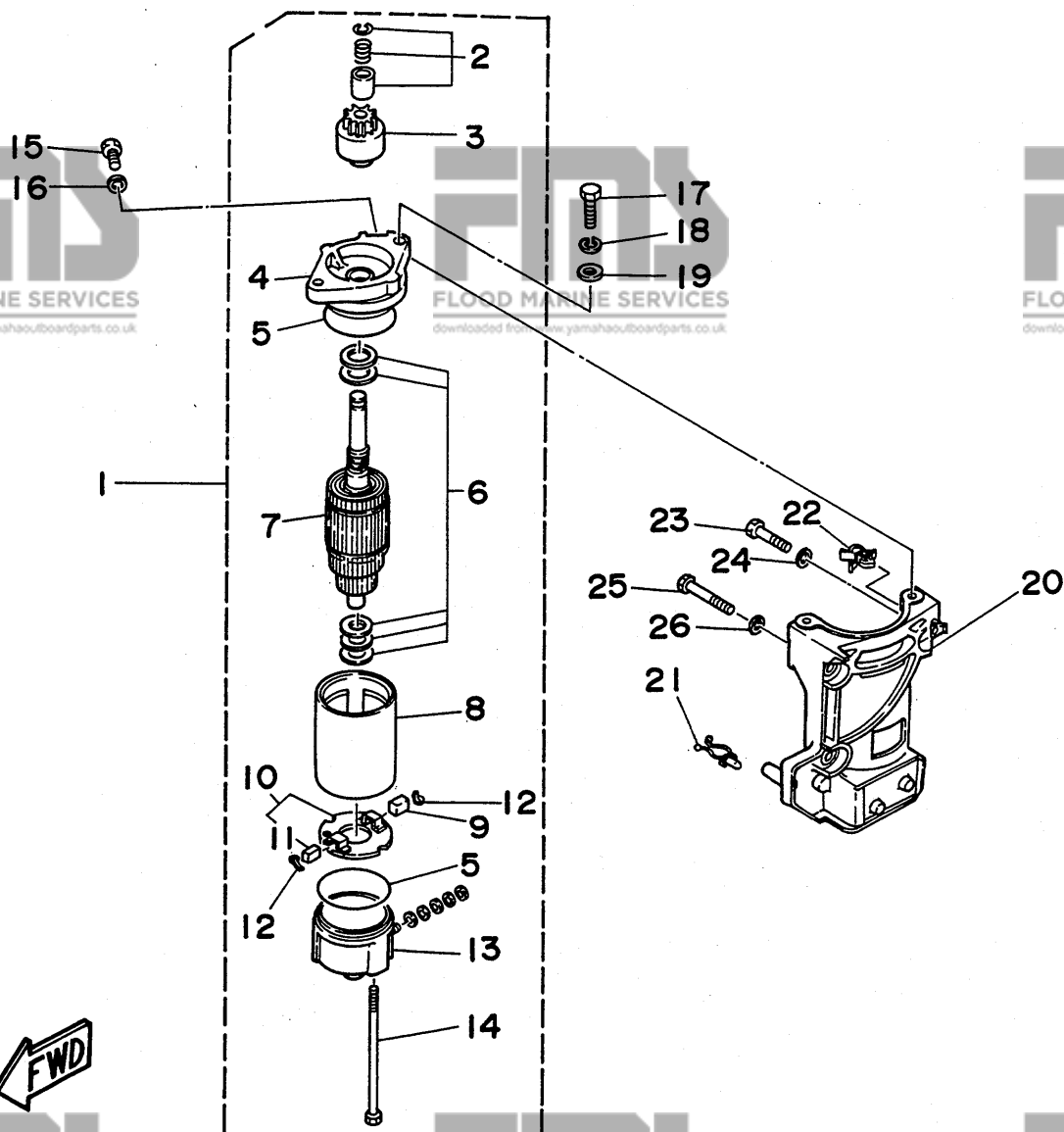
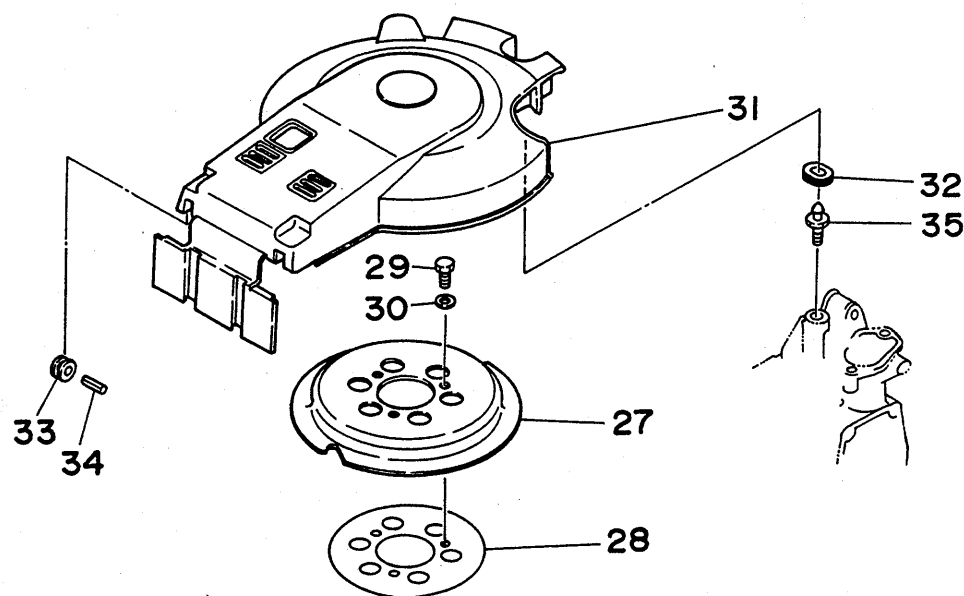


Fig. 20 STARTING MOTOR (25JE0/30DE0 MODEL)

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	6F5-81830-10	.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	6J8-15723-E0	PULLEY, starter	1
10	689-81840-11	.BRUSH HOLDER ASSY	1	28	6J8-81365-00	GASKET, hole cover	1
11	689-81812-11	..BRUSH 2	1	29	97321-08014	BOLT	3
12	689-81813-10	.SPRING, brush	2	30	92990-08600	WASHER, plate	3
13	689-81820-11	.REAR BRACKET ASSY	1	31	6J8-81337-10	COVER, flywheel	1
14	689-81826-10	.BOLT	2	32	90480-14M17	GROMMET	1
15	97313-08016	BOLT	1	33	90480-10M16	GROMMET	2
16	92990-08600	WASHER, plate	1	34	91690-50022	PIN, spring	2
17	97313-08030	BOLT	2	35	6J8-81338-00	STAY	1
18	92990-08100	WASHER, spring	2				

Fig. 21 ELECTRICAL I (25JEO/30DEO MODEL)

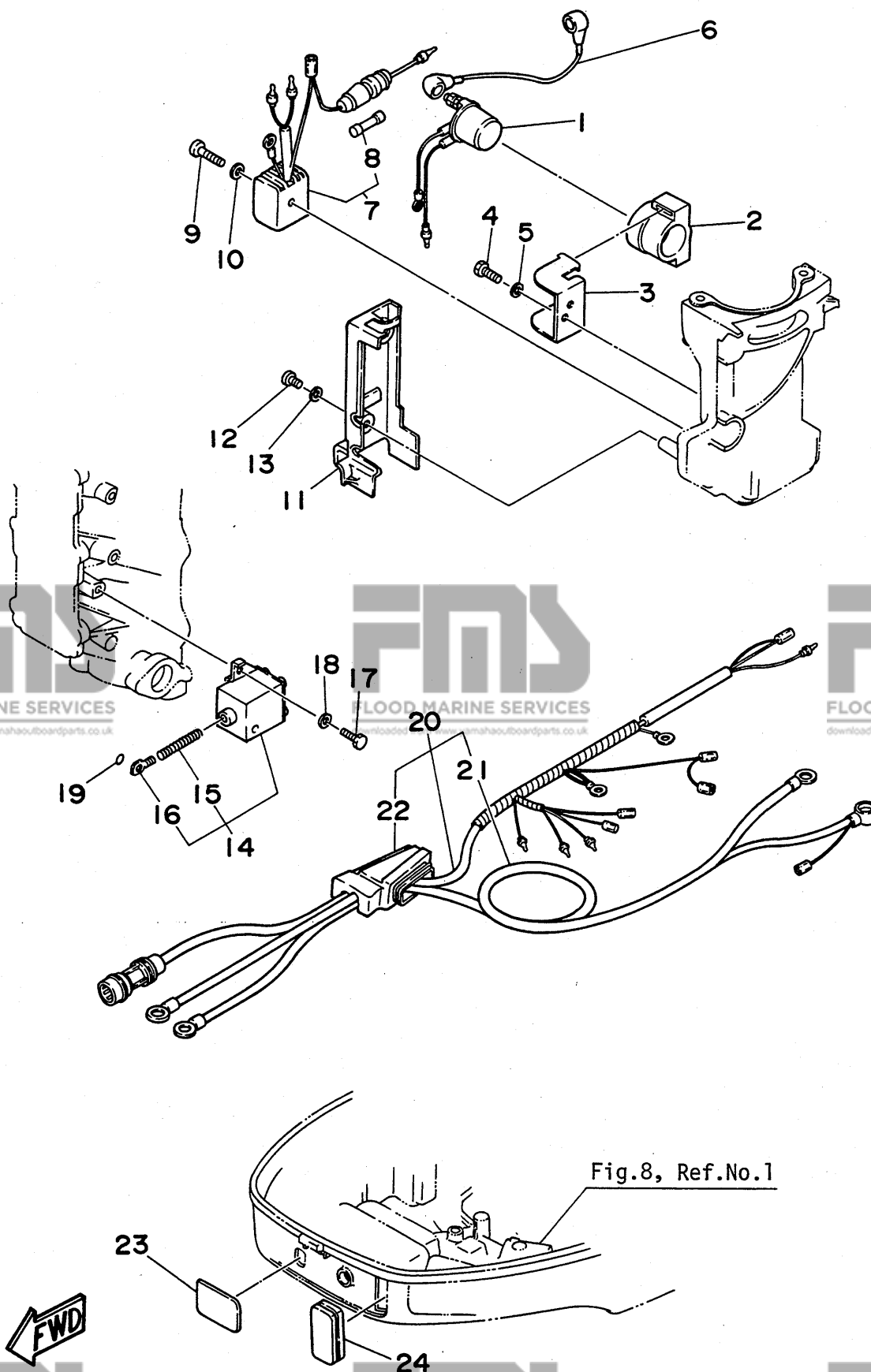


Fig. 8, Ref.No.1



Fig. 21 ELECTRICAL 1 (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	13	92990-05600	WASHER, plate	2
2	6G1-81952-00	HOLDER, relay	1	14	6J8-86110-00	SOLENOID	1
3	6J8-81945-00	PLATE, switch fitting	1	15	6J8-86116-00	.WIRE, pull	1
4	97313-06016	BOLT	1	16	682-86117-00	.HOOK, wire pull	1
5	92990-06600	WASHER, plate	1	17	97313-06016	BOLT	2
6	6F5-82117-00	WIRE, lead	1	18	92990-06600	WASHER, plate	2
7	6G1-81970-60	RECTIFIER ASSY	1	19	93210-03261	O-RING	1
8	6G1-82151-00	.FUSE (10A)	1	20	6J8-82580-00	WIRE HARNESS ASSY 2	1
9	97803-05025	SCREW, pan head	1	21	689-82105-12	.WIRE HARNESS	1
10	92990-05600	WASHER, plate	1	22	6J8-42724-50	.GROMMET	1
11	6J8-81916-00	COVER, terminal	1	23	6J8-42726-20	GROMMET	1
12	98580-05010	SCREW, pan head	2	24	6J8-42726-10	GROMMET	1

Fig. 22 OIL PUMP

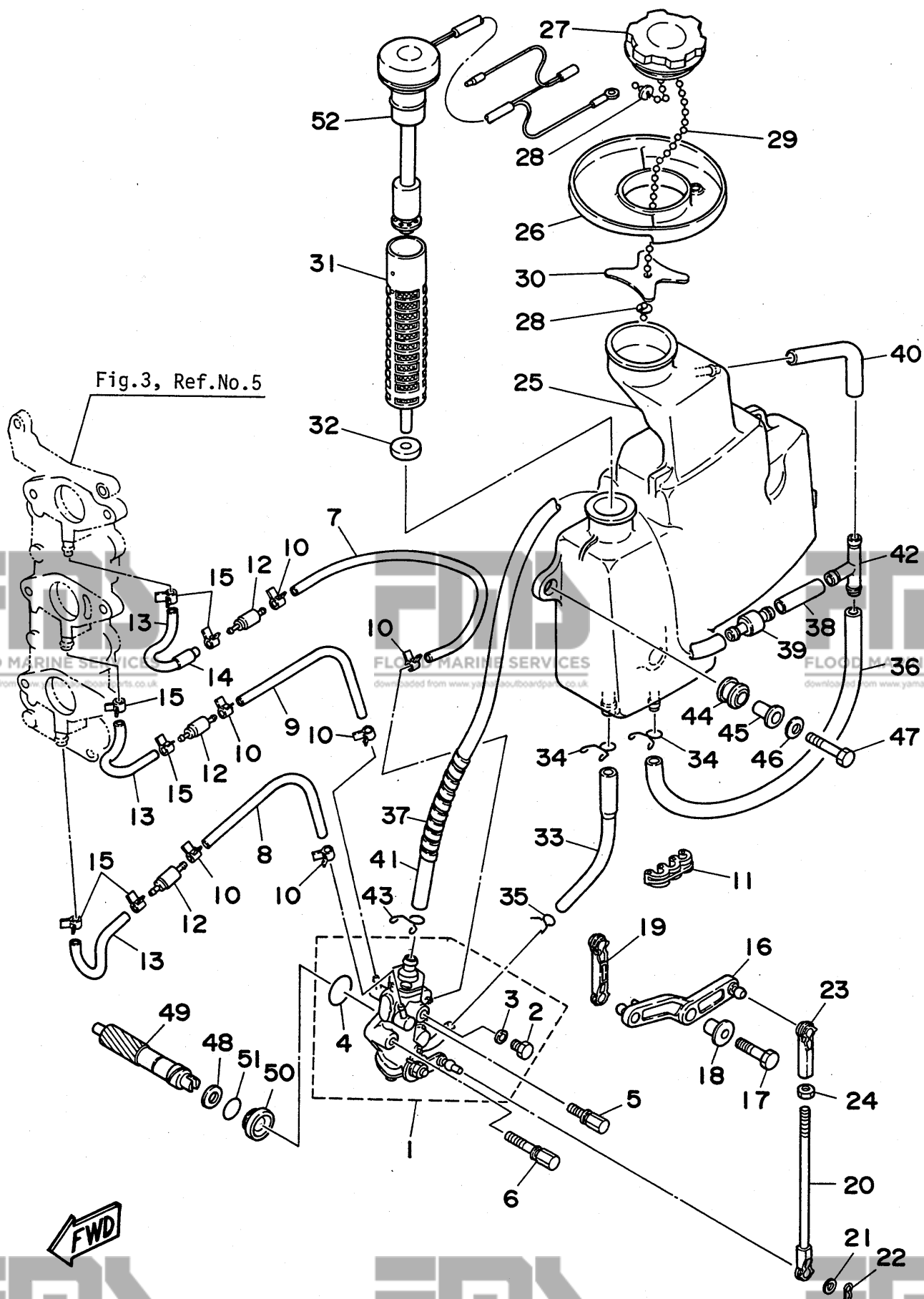


Fig. 22 OIL PUMP

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-13200-00	OIL INJECTION PUMP ASSY	1	27	6H4-21770-00	OIL TANK CAP ASSY	1
2	6J8-13471-00	.SCREW, drain	1	28	6H1-21757-00	WASHER, special	2
3	6J8-13475-00	.GASKET	1	29	6H1-24633-00	CHAIN, bowl	1
4	93210-19M82	.O-RING	1	30	6J8-21758-00	WASHER, special	1
5	90109-05M32	BOLT	1	31	6J8-13411-00	STRAINER, oil	1
6	90109-05M33	BOLT	1	32	6J8-13414-00	GASKET, strainer cover	1
7	90445-07M08	HOSE	1	33	6J8-13416-00	PIPE, oil 1	1
8	90445-07M51	HOSE	1	34	90467-11M08	CLIP	2
9	90445-07M51	HOSE	1	35	90467-08004	CLIP	1
10	90468-07M02	CLIP	6	36	90445-11M03	HOSE	1
11	90464-07M05	CLAMP	1	37	90466-10M01	TUBE	1
12	6J8-13183-00	VALVE, check	3	38	90445-11M07	HOSE	1
13	90445-07M04	HOSE	3	39	6J8-21744-00	BREATHER	1
14	90445-11M08	HOSE	1	40	90445-11M02	HOSE	1
15	90468-07M02	CLIP	6	41	90445-11M04	HOSE	1
16	6J8-13155-00	LEVER, control	1	42	6E5-24378-00	PIPE, joint 4	1
17	97313-06025	BOLT	1	43	90467-10M04	CLIP	1
18	90387-06M60	COLLAR	1	44	6A0-82317-00	DAMPER, ignition coil	3
19	6J8-41238-00	JOINT, link	1	45	624-42542-00	PIPE	3
20	6J8-41237-00	JOINT, link	1	46	90201-06050	WASHER, plate	3
21	90202-05088	WASHER, plate	1	47	97313-06030	BOLT	3
22	90468-05M03	CLIP	1	48	90201-08M93	WASHER, plate	1
23	682-41237-00	JOINT, link	1	49	6J8-11537-00	GEAR, driven	1
24	95303-05700	NUT	1	50	6J8-13117-00	COLLAR, distance	1
25	6J8-21707-10	OIL TANK COMP. (25JEO/30DE0 Model)	1 UR	51	93210-13M04	O-RING	1
	6J8-21707-00	OIL TANK COMP. (25JMO/30DM0/30DR0 Model)	1 UR	52	6J8-85720-00	OIL LEVER GUAGE ASSY	1
26	6J8-2173M-00	SEAL 3 (25JEO/30DE0 Model)	1				

Fig. 23 R



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Fig. 23 REMO-CON ATTACHMENT

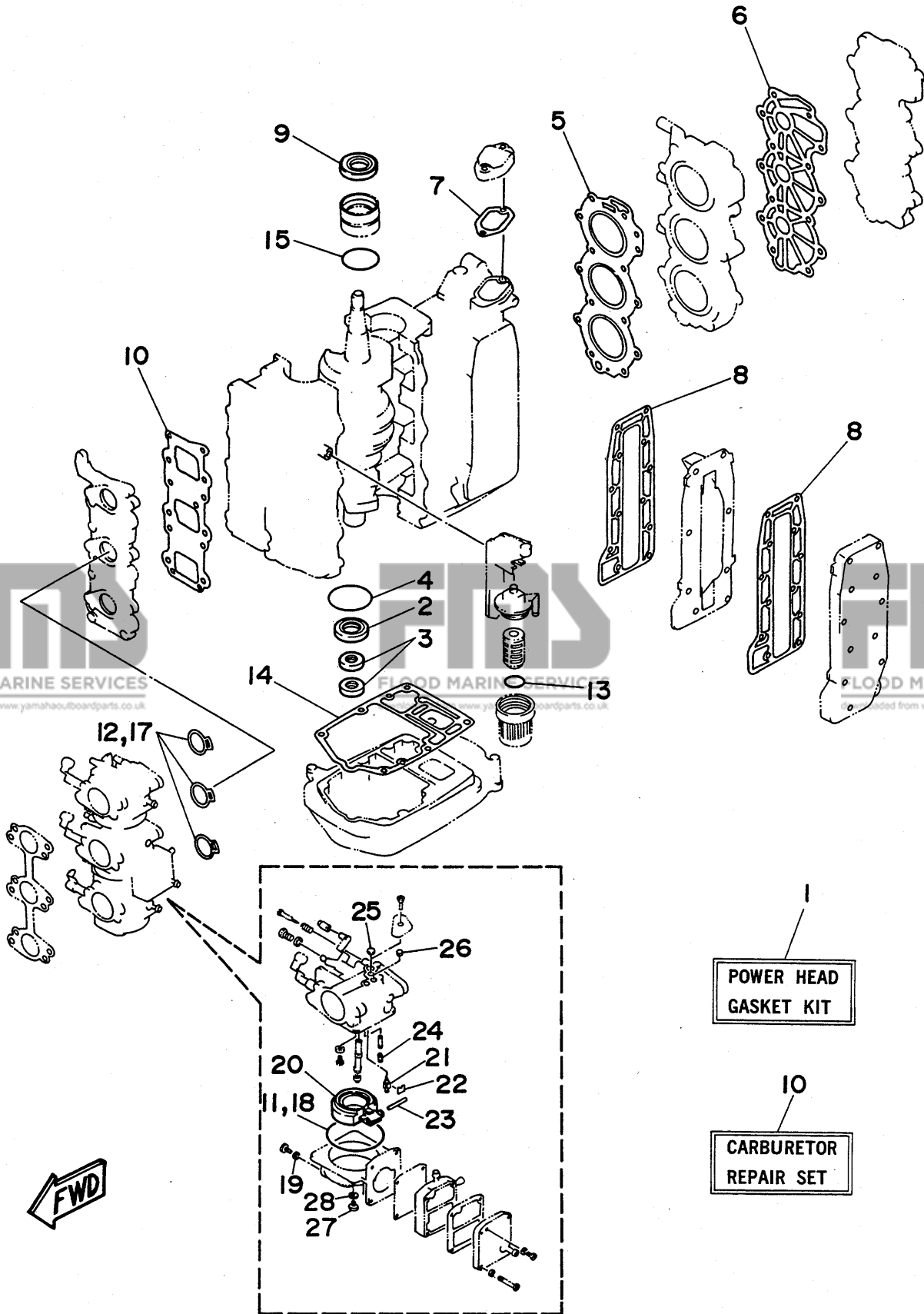
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-48501-01-EJ	REMOTE CONT. ATTACHMENT ASSY.	1	15	6G8-26363-00	.END, cable	2
2	92990-08100	.WASHER, spring	1	16	6G8-26364-00	.END, cable 2	2
3	6J8-48534-00	.THROTTLE LEVER, control	1	17	6J8-42723-20	.COVER, bottom	1
4	6J8-44177-00	.WASHER	1	18	6J8-42846-00	.SCREW	1
5	6J8-48544-01	.LEVER, shift control	1	19	6J8-42724-10	.GROMMET	1
6	91690-30016	.PIN, spring	1	STEERING GUIDE/BALL POST TYPE			
7	6J8-44173-01	.LEVER, shift control	1	20	6J8-48511-00-EJ	HOOK, steering	1
8	6J8-42169-00	.JOINT	1	ROPE TYPE			
9	6J8-48531-00	.BRACKET, remote control 1	1	21	6G8-48511-00	HOOK, steering	1
10	6J8-48532-00	.BRACKET, remote control 2	1	22	97395-06016	BOLT	2
11	682-48538-50	.CLAMP, cable 1	1	23	92990-06600	WASHER, plate	2
12	91690-30012	.PIN, spring	1	BALL POST TYPE			
13	90109-06M29	.BOLT	1	24	6G8-48511-10	HOOK, steering	1
14	90179-06M12	.NUT	2	25	97395-06016	BOLT	2
				26	92990-06600	WASHER, plate	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 RERAIR SET	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	97803-04012	.SCREW, pan head	3
14	6J8-45113-00	.GASKET, upper casing	1	28	92903-04100	.WASHER, spring	3

REPAIR KIT 2



WATER PUMP REPAIR KIT

This diagram shows the front cover assembly in an exploded perspective view. It includes the front cover (20), a front cover gasket (21), a front cover O-ring (22), and a front cover bracket (23). The front cover (20) is a large rectangular plate with a central circular opening. The front cover gasket (21) is a small circular ring. The front cover O-ring (22) is a small circular ring. The front cover bracket (23) is a small rectangular plate with four mounting holes. The assembly is shown with dashed lines indicating the relative positions of the components.

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	3	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	WATER PUMP REPAIR 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	.INSERT 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)



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Fig. 1 CRANKCASE & CYLINDER

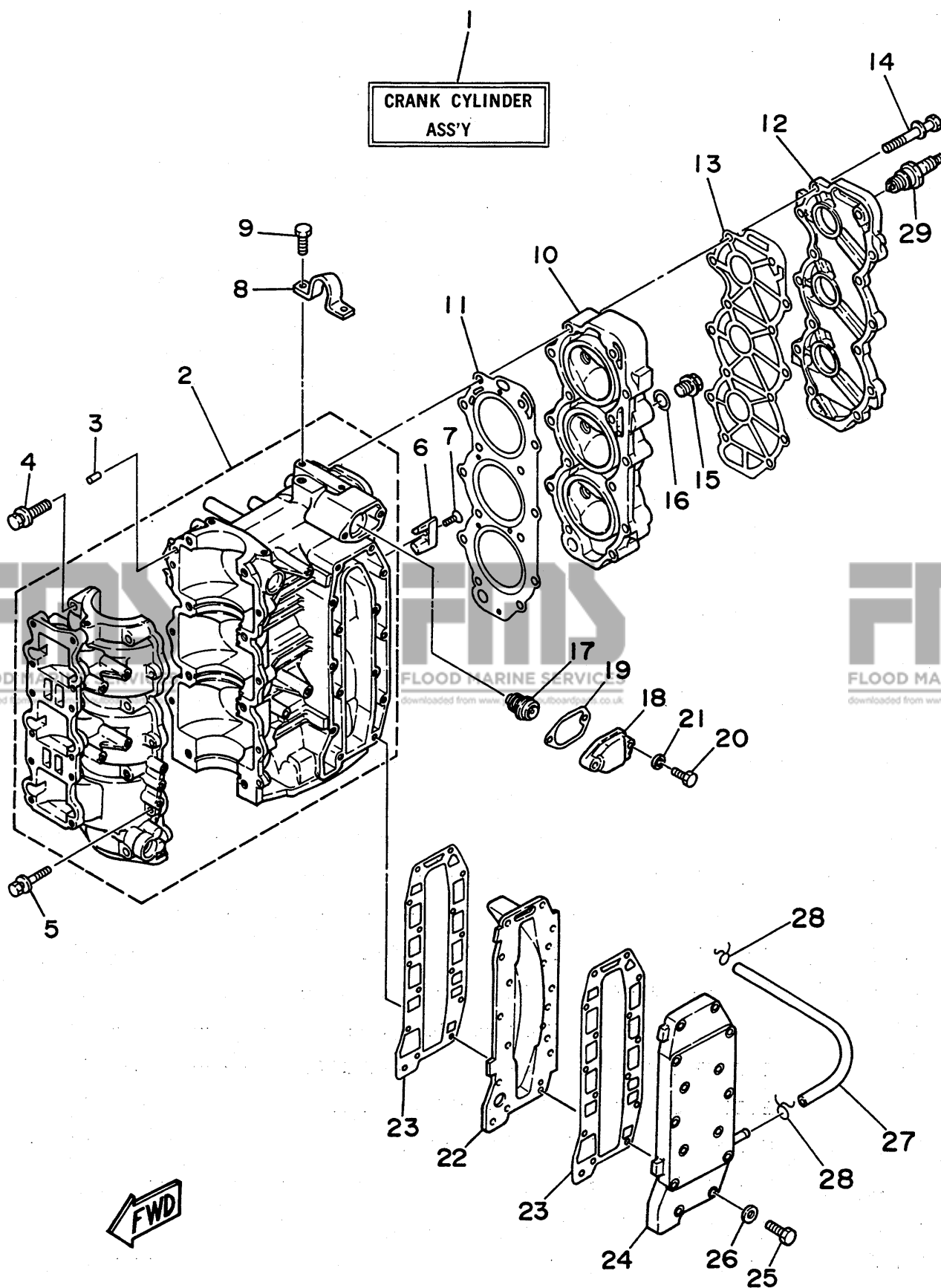


Fig. 1 CRANKCASE & CYLINDER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-W0090-11-EJ	CRANK CYLINDER ASS'Y (Ref. No. 2 to 28 and Fig. 2, Ref. No. 1 to 20)	1	15	90340-14M00	PLUG, straight screw	1
2	6H4-15100-10-94	CRANKCASE ASS'Y	1	16	90430-14115	GASKET	1
3	93606-12019	PIN, dowel	2	17	6E5-12411-10	THERMOSTAT	1
4	90119-08M19	BOLT, with washer	8	18	6H4-12413-00-9M	COVER, thermostat	1
5	90119-06M13	BOLT, with washer	6	19	6H4-12414-00	GASKET, thermostat	1
6	688-11325-00	ANODE	2	20	97313-06025	BOLT	2
7	98680-04016	SCREW, flathead	2	21	92903-06600	WASHER	2
8	6H4-11119-00	HANGER, engine	1	22	6H4-41111-00-9M	INNER COVER, exhaust	1
9	97313-06014	BOLT	2	23	6H4-41114-00	GASKET, exhaust cover	2
10	6H4-11111-00-94	HEAD, cylinder	1	24	6H4-41113-00-9M	OUTER COVER, exhaust	1
11	6H4-11181-00	GASKET, cylinder head	1	25	97395-06035	BOLT	14
12	6H4-11191-00-9M	COVER, cylinder head.	1	26	92990-06600	WASHER	14
13	6H4-11193-00	GASKET, head cover	1	27	90445-09M37	HOSE 2	1
14	90119-08M29	BOLT, with washer	14	28	90467-08004	CLIP	2
				29	94702-00271	PLUG, spark (BR7HS 10) NGK	3

Fig. 2 CI

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Fig. 2 CRANK & PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-11400-12	CRANK ASS'Y	1	9	6H4-11641-00	WASHER, piston pin	6
2	93306-30510	. BEARING	1	10	6H4-11634-01	CLIP, piston pin	6
3	93306-305U2	. BEARING	1	11	6H4-15359-01-94	HOUSING, oil seal	1
4	6H4-11536-00	. GEAR, drive	1	12	93102-23096	OIL SEAL	1
5	6H4-11631-00-96	PISTON (S.T.D.)	3	13	6H4-15369-00	GASKET, oil seal housing	1
	6H4-11635-00	PISTON (1st O.S.)	3 A.P.	14	6H4-15396-02-9M	HOUSING, oil seal	1
	6H4-11636-00	PISTON (2nd O.S.)	3 A.P.	15	93104-16M01	OIL SEAL	2
6	6H4-11610-00	PISTON RING SET (S.T.D.)	3	16	93102-25M28	OIL SEAL	1
	6H4-11610-10	PISTON RING SET (1st O.S.)	3 A.P.	17	93210-58M21	O-RING	1
	6H4-11610-20	PISTON RING SET (2nd O.S.)	3 A.P.	18	97313-06020	BOLT	1
7	648-11633-00	PIN, piston	3	19	92990-06600	WASHER	1
8	93602-20M02	PIN, dowel B	93	20	93440-62057	CIRCLIP	2

Fig. 3 INTAKE

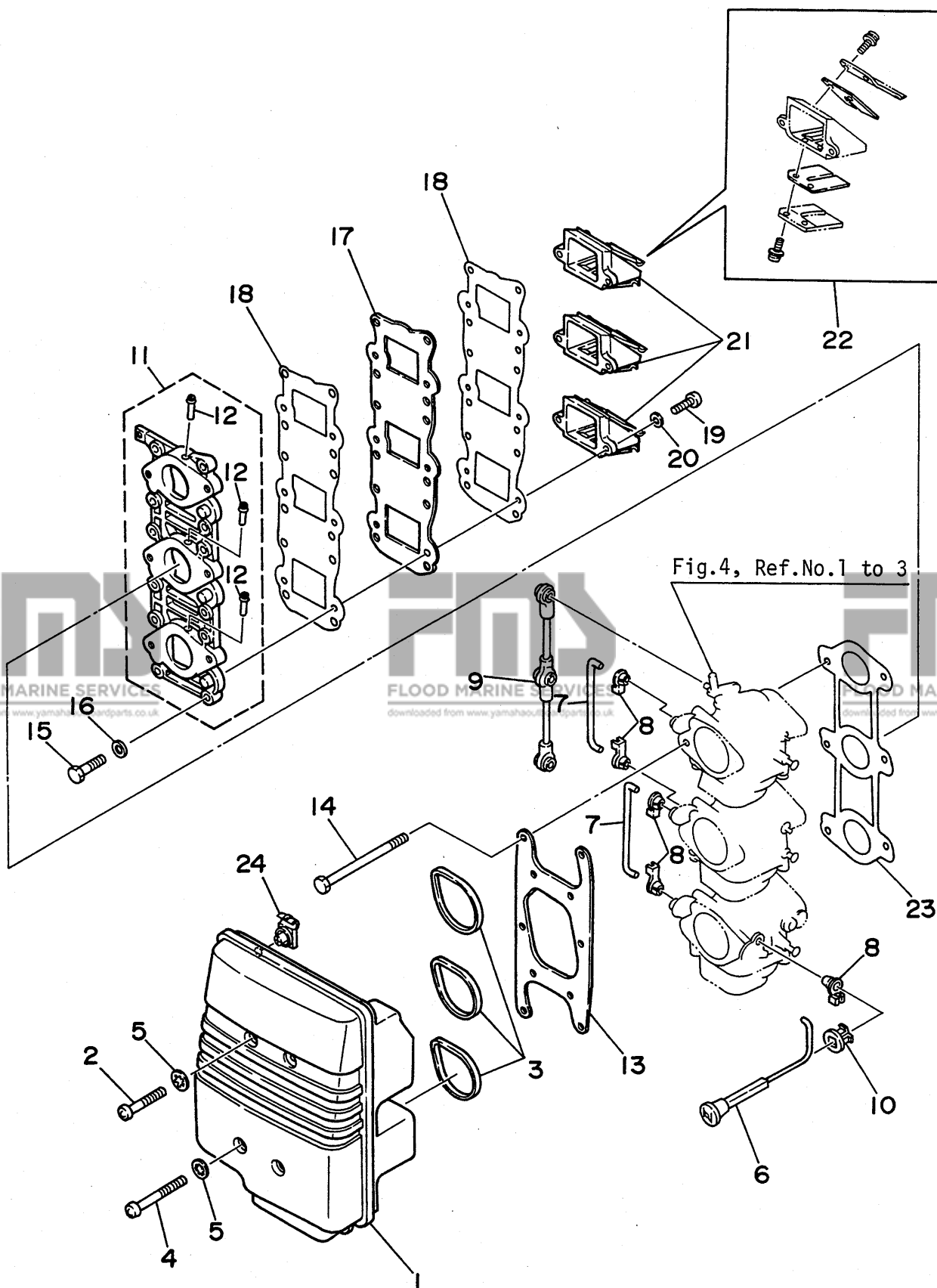


Fig. 3 INTAKE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-14431-10	SILENCER 1 (40HMO/40HRO Model)	1 U.R.	13	6H4-14406-00	HINGE	1
	6H4-14431-00	SILENCER 1 (40HEO/40HEPO Model)	1 U.R.	14	97313-06095	BOLT	6
2	97803-06040	SCREW	2	15	97313-06025	BOLT	12
3	6H3-14457-00	SEAL	3	16	92903-06600	WASHER	12
4	97803-06055	SCREW	2	17	6H4-13624-00-94	PLATE, reed valve	1
5	90209-06M05	WASHER	4	18	6H4-13621-00	PACKING, valve seat	2
6	6H4-41271-00	KNOB, choke	1	19	97803-05014	SCREW, panhead	6
7	6H4-41257-00	ROD, choke link 2	2	20	92903-05600	WASHER	6
8	661-41262-02	JOINT, choke lever	5	21	6H5-13610-00	REED VALVE ASS'Y	3
9	6H4-41217-00	ROD, accel. lever 1	1	22	6H4-W0004-00	. REED SET	1
10	689-41273-00	GROMMET	1	23	6H4-14198-00	GASKET	1
11	6H4-13641-11-94	MANIFOLD, intake 1	1	24	90464-06M19	CLAMP (40HMO/40HRO Model)	1
12	6H1-14485-00	. PIPE, joint	3				

Fig. 4 CARBURETOR

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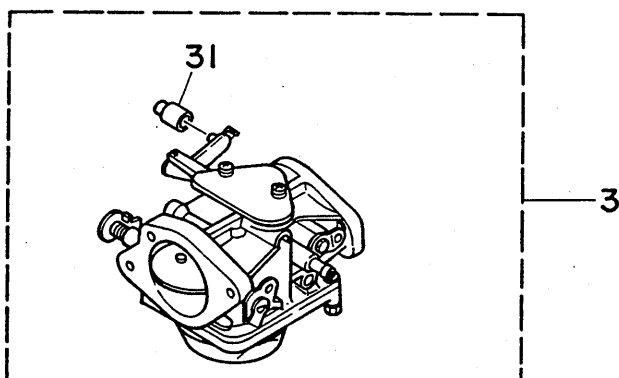
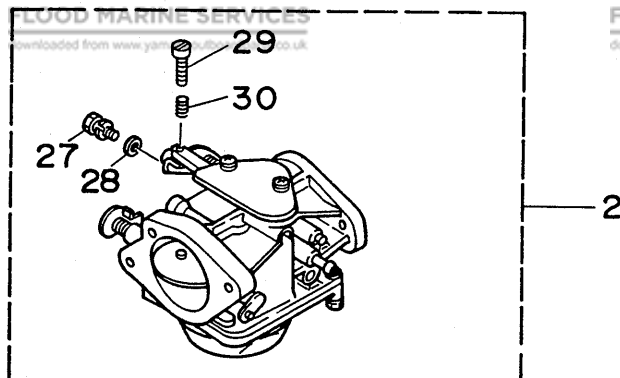
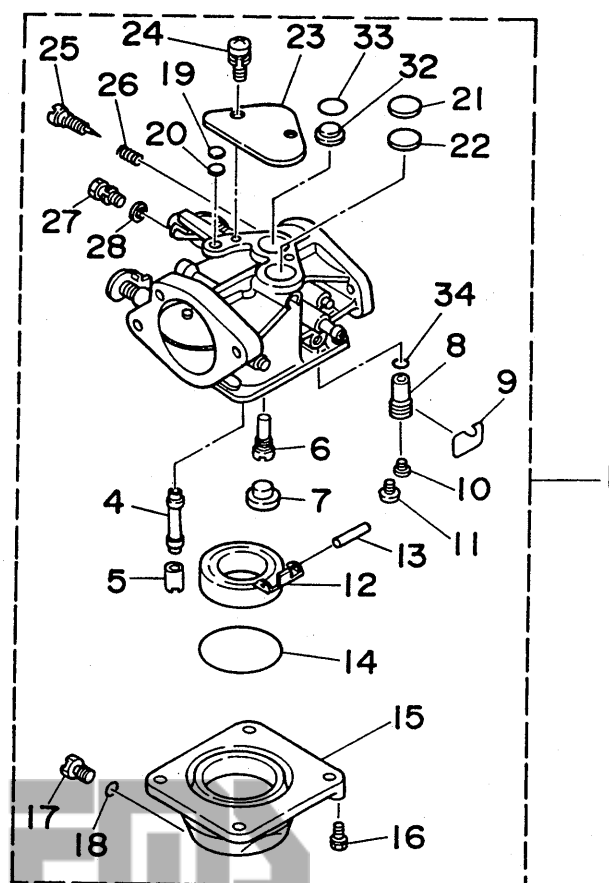
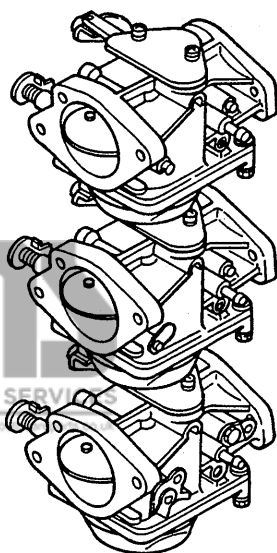
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Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-14301-05	CARBURETOR ASS'Y (Upper)	1	17	663-14992-00	. SCREW, drain	3
2	6H4-14302-05	CARBURETOR ASS'Y (Center)	1	18	93210-04230	. O-RING	3
3	6H4-14303-05	CARBURETOR ASS'Y (Lower)	1	19	663-14126-00	. PACKING	3
4	6H4-14947-05	. NOZZLE, main	3	20	663-14527-00	. PLATE	3
5	676-14943-30	. JET, main (#115) (Upper, Lower)	2 U.R.	21	688-14126-00	. PACKING	3
	676-14943-31	. JET, main (#120)(Center)	1 U.R.	22	688-14527-00	. PLATE	3
6	6H4-14948-14	. JET, slow (#68)	3	23	6H2-14527-00	. STAY, plate	3
7	676-14966-00	. CAP	3	24	90159-05017	. SCREW, with washer	6
8	6H3-14590-00	. VALVE SEAT ASS'Y	3	25	692-14923-00	. SCREW, adjusting	3
9	663-14159-00	. CLIP	3	26	679-14555-00	. SPRING, compression	3
10	676-14186-00	. PIN, valve	3	27	663-14592-00	. SCREW (Upper, Center)	2
11	98502-04008	. SCREW, panhead	3	28	90201-05652	. WASHER (Upper, Center)	2
12	6G1-14985-00	. FLOAT COMP.	3	29	663-14523-00	. SCREW, stop (Center)	1
13	688-14548-00	. PIN, float	3	30	90501-10326	. SPRING, compression (Center)	1
14	6G1-14984-00	. O-RING	3	31	676-14578-00	. COLLAR (Lower)	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 STARTER

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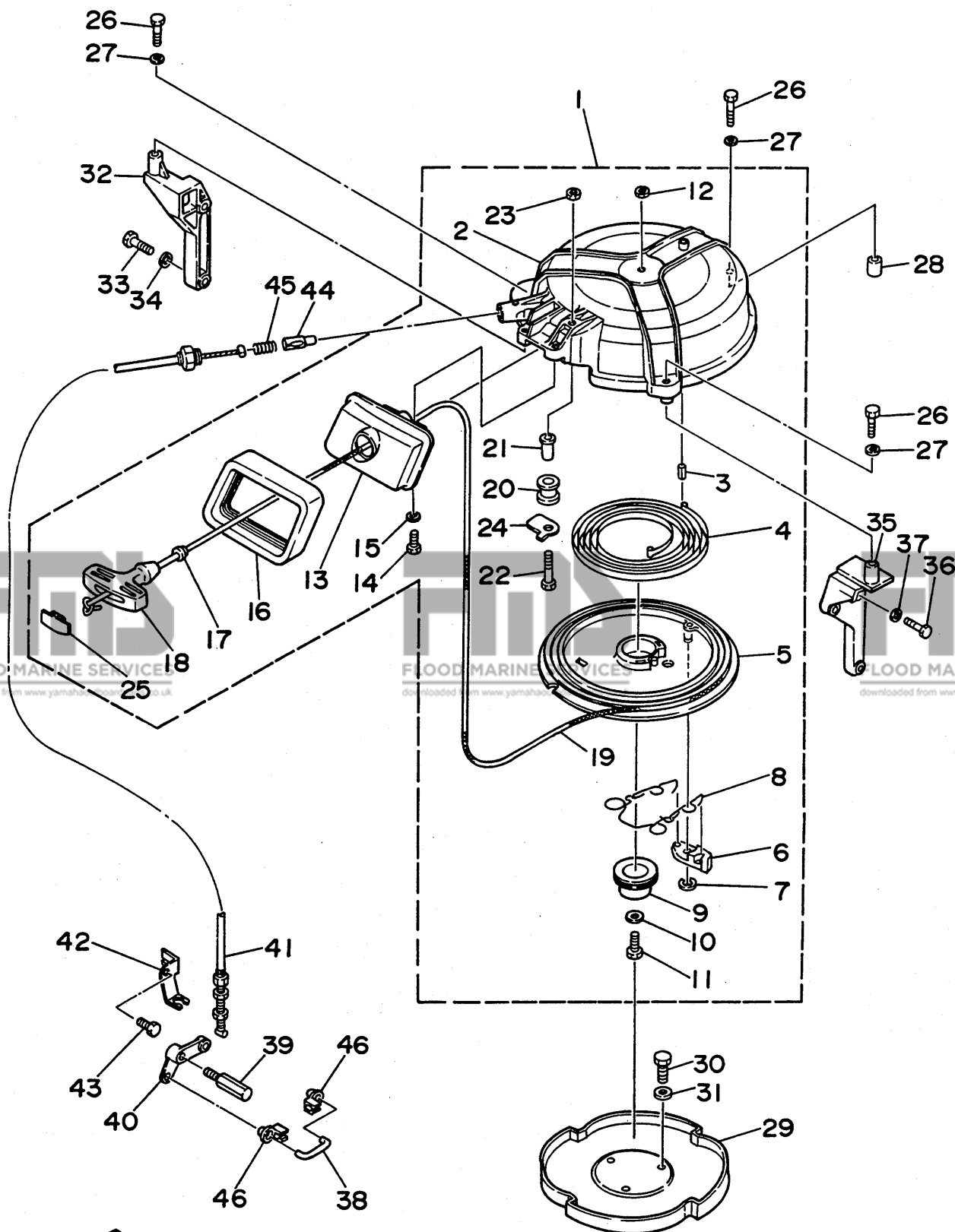
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Fig. 5 STARTER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-15710-01-94	STARTER ASS'Y	1	24	6H4-15787-00	. STAY	1
2	6H4-15711-01-94	. CASE, starter	1	25	689-15779-01	. COVER	1
3	91690-40018	. PIN, spring	1	26	97313-06035	BOLT	3
4	90510-08002	. SPRING, spiral	1	27	92903-06600	WASHER	3
5	6H4-15714-00	. DRUM, sheave	1	28	91830-21014	PIN, dowel A	1
6	676-15741-03	. PAWL, drive	1	29	6H4-15723-00-94	PULLEY, starter	1
7	93430-06M02	. CIRCLIP	1	30	97313-08016	BOLT	3
8	6H4-15705-00	. SPRING, pawl drive	1	31	92903-08600	WASHER	3
9	6H4-15717-00	. SHAFT	1	32	6H4-15771-00-94	STAY 1	1
10	90201-06060	. WASHER	1	33	97313-08030	BOLT	2
11	97313-06020	. BOLT	1	34	92903-08600	WASHER	2
12	95303-06600	. NUT	1	35	6H4-15772-00-94	STAY 2	1
13	6H4-15758-00-94	. GUIDE, wire	1	36	97313-06025	BOLT	3
14	97313-06016	. BOLT	2	37	92903-06600	WASHER	3
15	92903-06600	. WASHER	2	38	6H4-15747-10	LINK	1
16	6H4-15762-00	. SEAL 2	1	39	90109-06M04	BOLT	1
17	6A0-15789-00	. DAMPER	1	40	6H4-15746-00	ARM	1
18	619-15755-01	. HANDLE, starter	1	41	6H4-15770-10	WIRE COMP., starter stop	1
19	#	. WIRE (2095mm)	1	42	6H4-15774-10	STAY 4	1
20	6H4-15752-00	. ROLLER, wire	1	43	97313-06012	BOLT	1
21	90387-06M66	. COLLAR	1	44	656-15748-00	PLUNGER, starter stop	1
22	97313-06035	. BOLT	1	45	90501-10227	SPRING, compression	1
23	95380-06600	. NUT	1	46	661-41262-02	JOINT, choke lever	2

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

Fig. 6 FUEL

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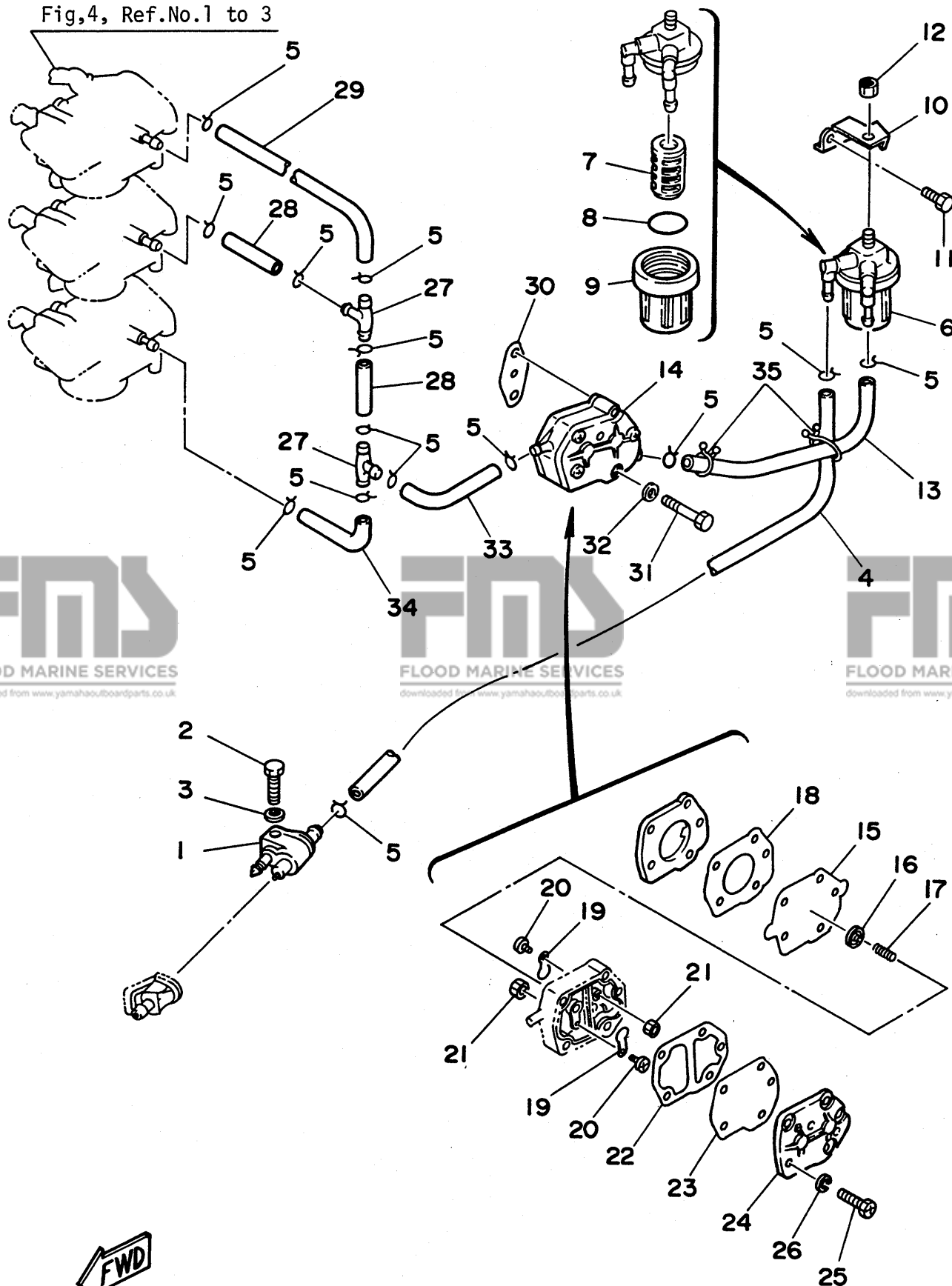
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Fig.4, Ref.No.1 to 3



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Fig. 6 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G1-24304-01	FUEL PIPE JOINT COMP. 1	1	19	6A0-24421-01	. VALVE, check	2
2	97313-06025	BOLT	1	20	90147-03M00	. SCREW, panhead	2
3	92903-06600	WASHER	1	21	98813-03100	. NUT	2
4	6H4-24311-00	HOSE	1	22	648-24435-02	. GASKET, body 2	1
5	90467-08004	CLIP	14	23	663-24411-00	. DIAPHRAGM, pump	1
6	655-24560-01	FILTER ASS'Y	1	24	6A0-24413-00	. COVER, pump	1
7	6F5-24563-00	. ELEMENT, filter	1	25	98503-05028	. SCREW, panhead	3
8	93210-37M25	. O-RING	1	26	92990-05100	. WASHER	3
9	655-24521-01	. CUP, filter	1	27	688-24378-00	PIPE, joint	2
10	6H4-24566-01	BRACKET, filter	1	28	90445-09057	HOSE	2
11	97313-06012	BOLT	1	29	6H4-24313-00	PIPE 3	1
12	95303-08600	NUT	1	30	650-24431-00	GASKET, fuel pump	1
13	6H4-24314-00	HOSE	1	31	97313-06040	BOLT	2
14	6A0-24410-02	FUEL PUMP ASS'Y	1	32	92903-06600	WASHER	2
15	648-24411-00	. DIAPHRAGM	1	33	90445-09063	HOSE 3	1
16	648-24424-00	. PLATE, spring guide	1	34	6H4-24312-00	PIPE 2	1
17	648-24423-00	. SPRING, diaphragm	1	35	90464-15M11	CLAMP	2
18	648-24434-00	. GASKET, body 1	1				

Fig. 7 TOP COWLING

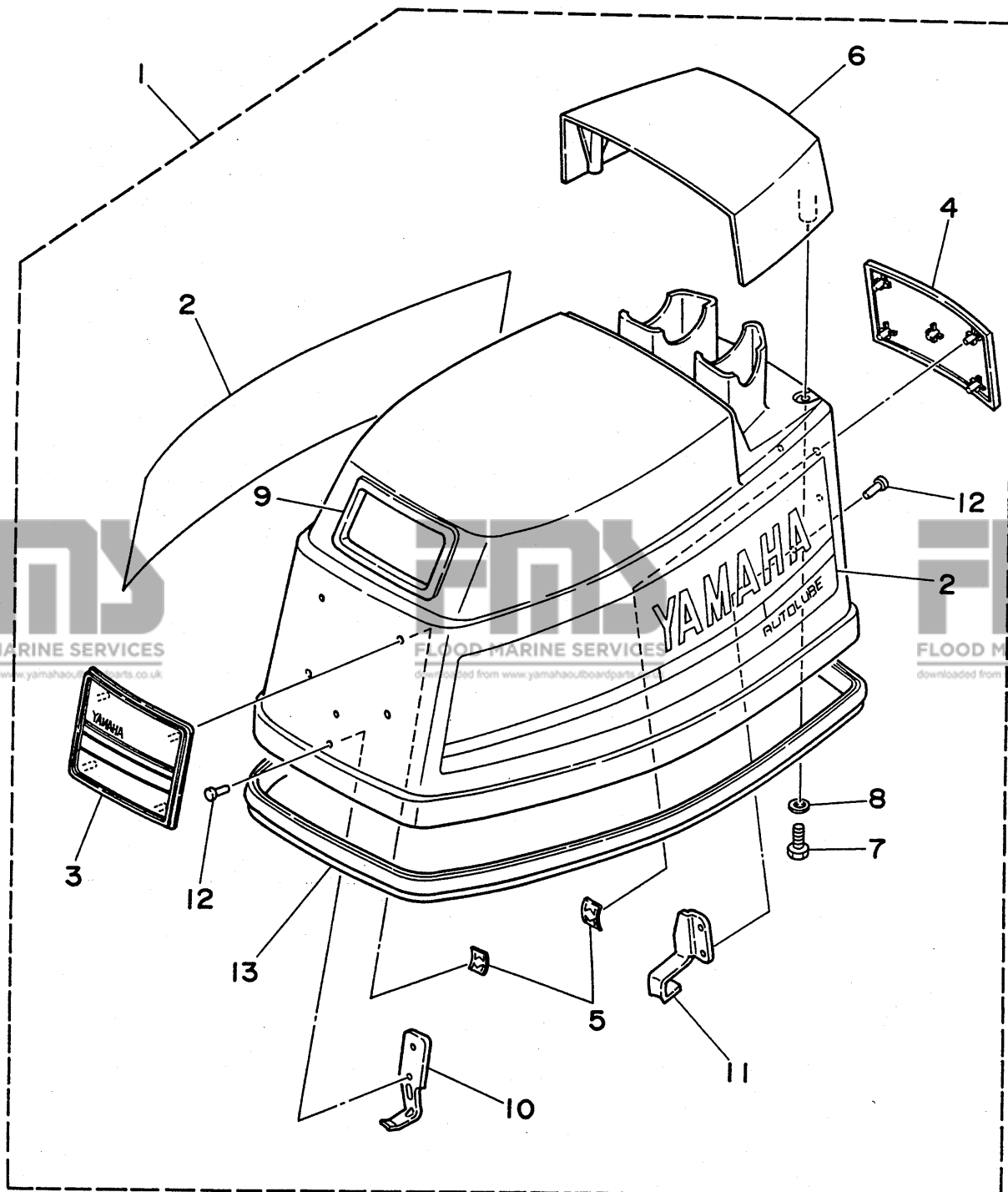


Fig. 7 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-42610-V0-EJ	TOP COWLING ASS'Y (40HMO Model)	1 U.R.	7	97313-06016	. BOLT	4
	6H4-42610-N1-EJ	TOP COWLING ASS'Y (40HRO Model)	1 U.R.	8	92903-06600	. WASHER	4
2	6H4-W0070-V0	. GRAPHIC SIDE SET (40HMO Model)	1 U.R.	9	6H4-15761-00	. SEAL 1	1
	6H4-W0070-N1	. GRAPHIC SIDE SET (40HRO Model)	1 U.R.	10	6H4-42651-00	. HOOK 1	1
3	6H4-42686-20	. EMBLEM, front	1	11	6H4-42652-00	. HOOK 2	1
4	6H4-42687-00	. EMBLEM, rear	1	12	90266-04M01	. RIVET	4
5	90183-05M01	. NUT, spring	10	13	6H4-42615-00	. SEAL	1
6	6H4-42613-00-EJ	. MOLDING, air duct	1				

Fig. 8 BOTTOM COWLING

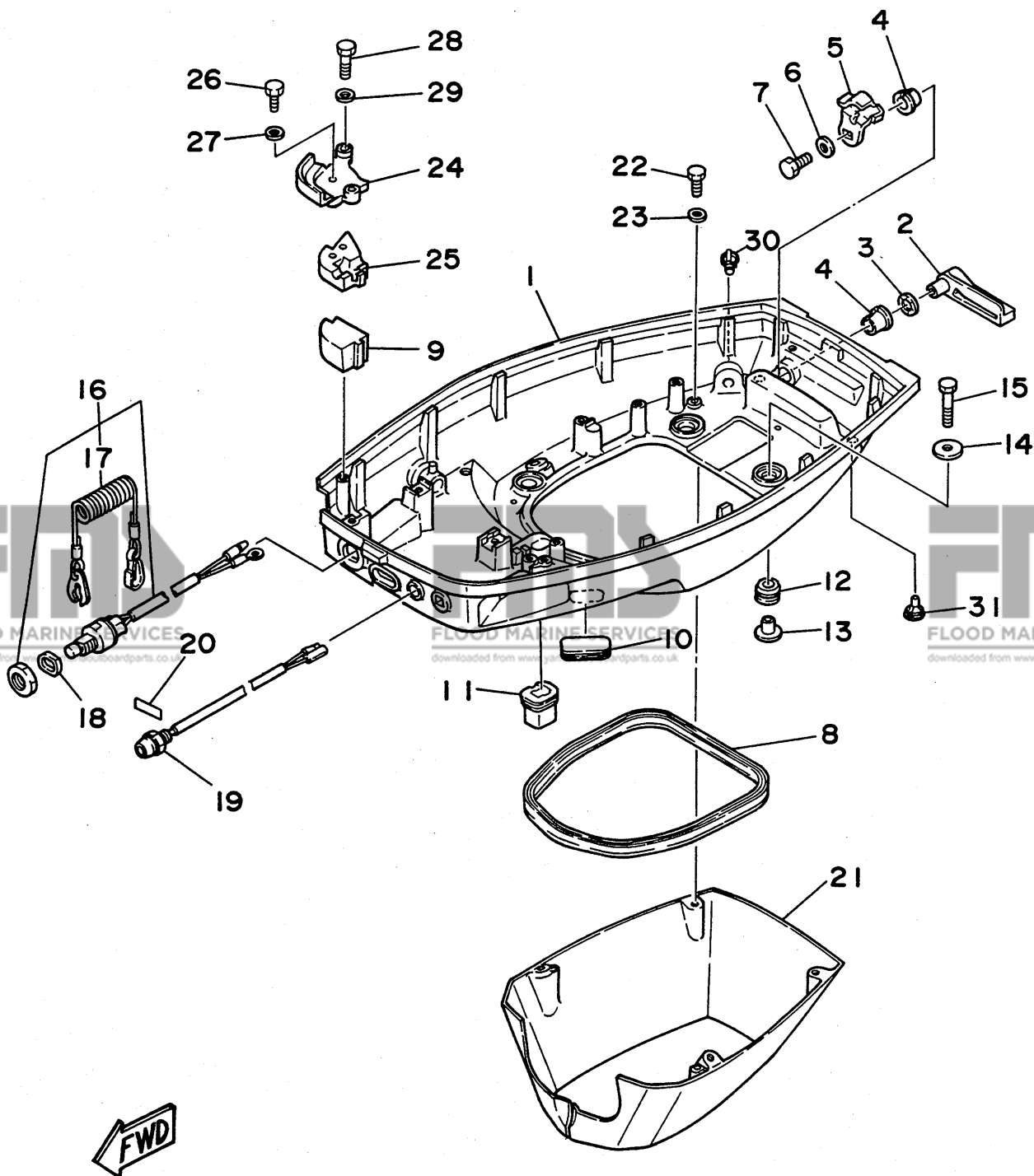


Fig. 8 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-42711-02-EJ	COWLING, bottom	1	16	6H4-82575-00	KILL SWITCH ASS'Y	1
2	6H4-42815-00	LEVER, clamp	1	17	682-82556-00	. STOPPER ASS'Y	1
3	90206-12052	WASHER	1	18	6H4-82537-00	ATTACHMENT, stop switch	1
4	90386-12069	BUSHING	2	19	6J8-85410-00	OVERHEAT WARNING LAMP	1
5	6H4-42816-00	LEVER, clamp	1	20	6H4-85415-10	MARK	1
6	90201-06068	WASHER	1	21	6H4-42741-20	APRON 1	1
7	97313-06010	BOLT	1	22	97313-06016	BOLT	4
8	6H4-42716-00	SEAL 1	1	23	92903-06600	WASHER	4
9	6H4-42724-00	GROMMET 1	1	24	6H4-48531-00-94	BRACKET, remote control 1	1
10	6H4-42726-00	GROMMET 3	1 U.R.	25	6H4-48532-00-94	BRACKET, remote control 2	1
	6H5-42726-00	GROMMET 3 (40HEPO Model)	1 U.R.	26	97313-05016	BOLT	1
11	682-42727-00	GROMMET 4	1	27	92903-05600	WASHER	1
12	90480-09M21	GROMMET	4	28	97313-06020	BOLT	2
13	90387-06M41	COLLAR	4	29	92903-06600	WASHER	2
14	90201-06416	WASHER	4	30	6E5-44391-00	NIPPLE, hose 1	1
15	97313-06030	BOLT	4	31	6H4-42748-00	GROMMET	2

Fig. 9 BRACKET I

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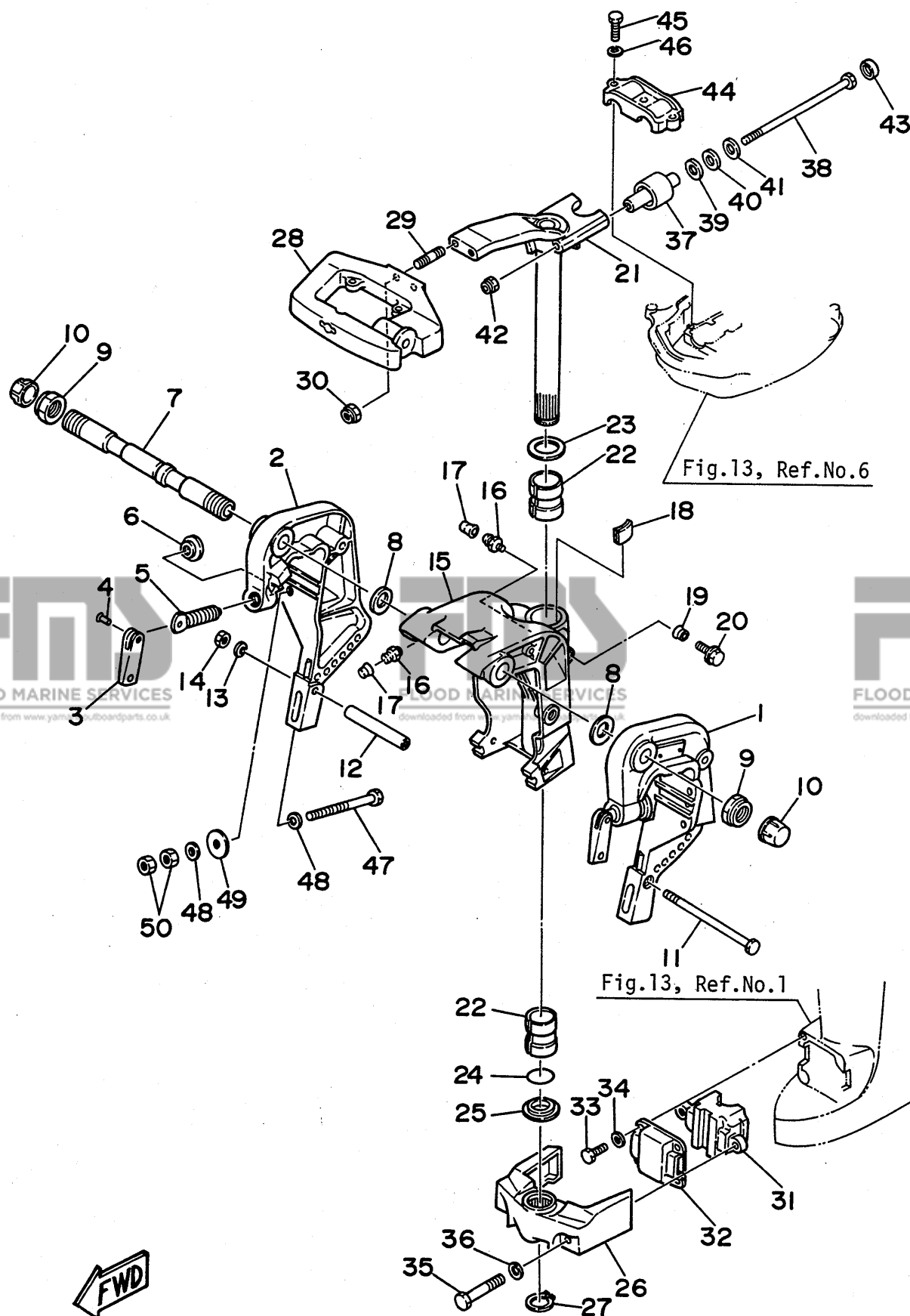
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Fig. 9 BRACKET 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-43111-04-EJ	BRACKET, clamp 1	1	28	6H4-42121-01-94	BRACKET	1
2	6H4-43112-03-EJ	BRACKET, clamp 2	1	29	90116-10175	BOLT, stud	2
3	616-43118-00-EJ	HANDLE, transom clamp	2	30	90185-10051	NUT, self-locking	2
4	90243-04001	PIN	2	31	6H4-44557-00	MOUNT RUBBER, lower front (Short)	1 U.R.
5	90149-14M03	SCREW	2		6H4-44557-10	MOUNT RUBBER, lower front (Long)	1 U.R.
6	648-43114-01	PAD, transom clamp	2	32	6H4-44553-00	COVER, lower mount	1
7	663-43131-00	BOLT, clamp bracket	1	33	97395-08025	BOLT	4
8	90201-22428	WASHER	2	34	92990-08600	WASHER	4
9	90185-22043	NUT, self-locking	2	35	97395-10060	BOLT	2
10	663-43145-00	CAP, clamp bracket	2	36	92990-10600	WASHER	2
11	90101-08339	BOLT	1	37	6H4-44514-00	MOUNT RUBBER, upper side	2
12	90387-09074	COLLAR	1	38	90101-08M86	BOLT	2
13	92990-08600	WASHER	1	39	90201-15M98	WASHER	2
14	95380-08600	NUT	1	40	90202-15M30	WASHER	2
15	6H4-43311-00-EJ	BRACKET, swivel	1	41	90201-09425	WASHER	2
16	93700-06004	NIPPLE, grease	3	42	90185-08045	NUT, self-locking	2
17	663-45119-00	CAP, grease nipple	3	43	663-44533-00	DAMPER, upper mount rubber	2
18	6H4-42528-00	PIECE, friction	1	44	6H4-44511-00-EJ	COVER, upper mount rubber	1
19	689-43373-01	DAMPER	1	45	97375-08035	BOLT	3
20	90105-06M18	BOLT	1	46	92990-08100	WASHER	3
21	6H4-42510-00-EJ	STEERING BRACKET ASS'Y	1	47	90101-10M58	BOLT	4
22	90386-30048	BUSHING	2	48	92990-10600	WASHER	8
23	90201-30420	WASHER	1	49	90201-12426	WASHER	4
24	93210-29375	O-RING	1	50	95380-10600	NUT	8
25	90386-30M60	BUSHING	1				
26	6H4-44551-01-EJ	HOUSING, lower mount	1				
27	93410-28M06	CIRCLIP	1				

Fig. 10 BRACKET 2

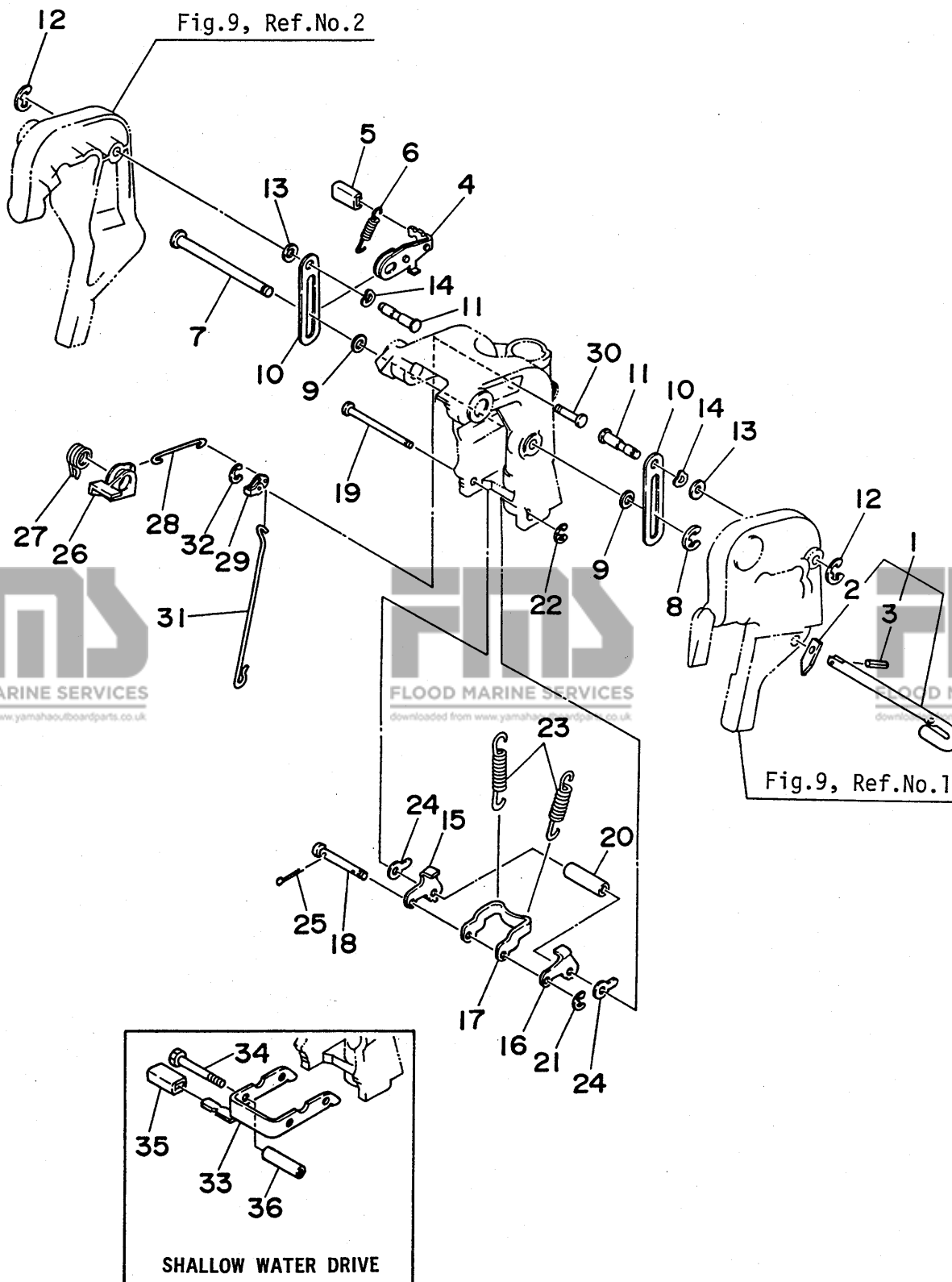


Fig. 10 BRACKET 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-43160-00	TILT ROD ASS'Y	1	20	90387-07M64	COLLAR	1
2	676-43165-00	. STOPPER, plate	1	21	93430-06M02	CIRCLIP	1
3	91690-30010	. PIN, spring	1	22	93430-05027	CIRCLIP	1
4	6J8-43181-00	LEVER, tilt stop	1	23	90506-32M22	SPRING, tension	2
5	682-43318-01	COVER	1	24	6H4-43674-00	WASHER (Without Shallow Water Drive)	2
6	90506-12M25	SPRING, tension	1	25	91490-20015	PIN, cotter	2
7	90249-12M17	PIN	1	26	6H4-43631-01	LEVER, tilt 1	1
8	93430-10M00	CIRCLIP	1	27	689-43643-00	SPRING, torsion	1
9	90202-12031	WASHER	2	28	6H4-43616-00	ROD, tilt lock 1	1
10	6J8-43627-00	STOPPER. 1	2	29	682-43641-00	LEVER, tilt 2	1
11	90249-12M14	PIN	2	30	90249-06117	PIN	1
12	93430-10M00	CIRCLIP	2	31	6J8-43617-00	ROD, tilt lock 2	1
13	90202-12031	WASHER	2	32	93430-05027	CIRCLIP	1
14	90206-12M16	WASHER, wave	2	33	6J8-43681-00	LEVER, shallow water drive	1
15	6J8-43614-00	PLATE, tilt lock 1	1	34	97395-06075	BOLT	1
16	6J8-43615-00	PLATE, tilt lock 2	1	35	682-43318-01	COVER	1
17	6J8-43613-00	ARM, tilt lock	1	36	90387-06M00	COLLAR	1
18	6H4-43659-00	SHAFT, reverse lock	1				
19	6J8-43611-00	SHAFT, tilt lock	1				

Fig. 1 | STEERING

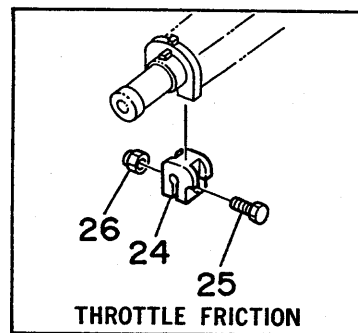
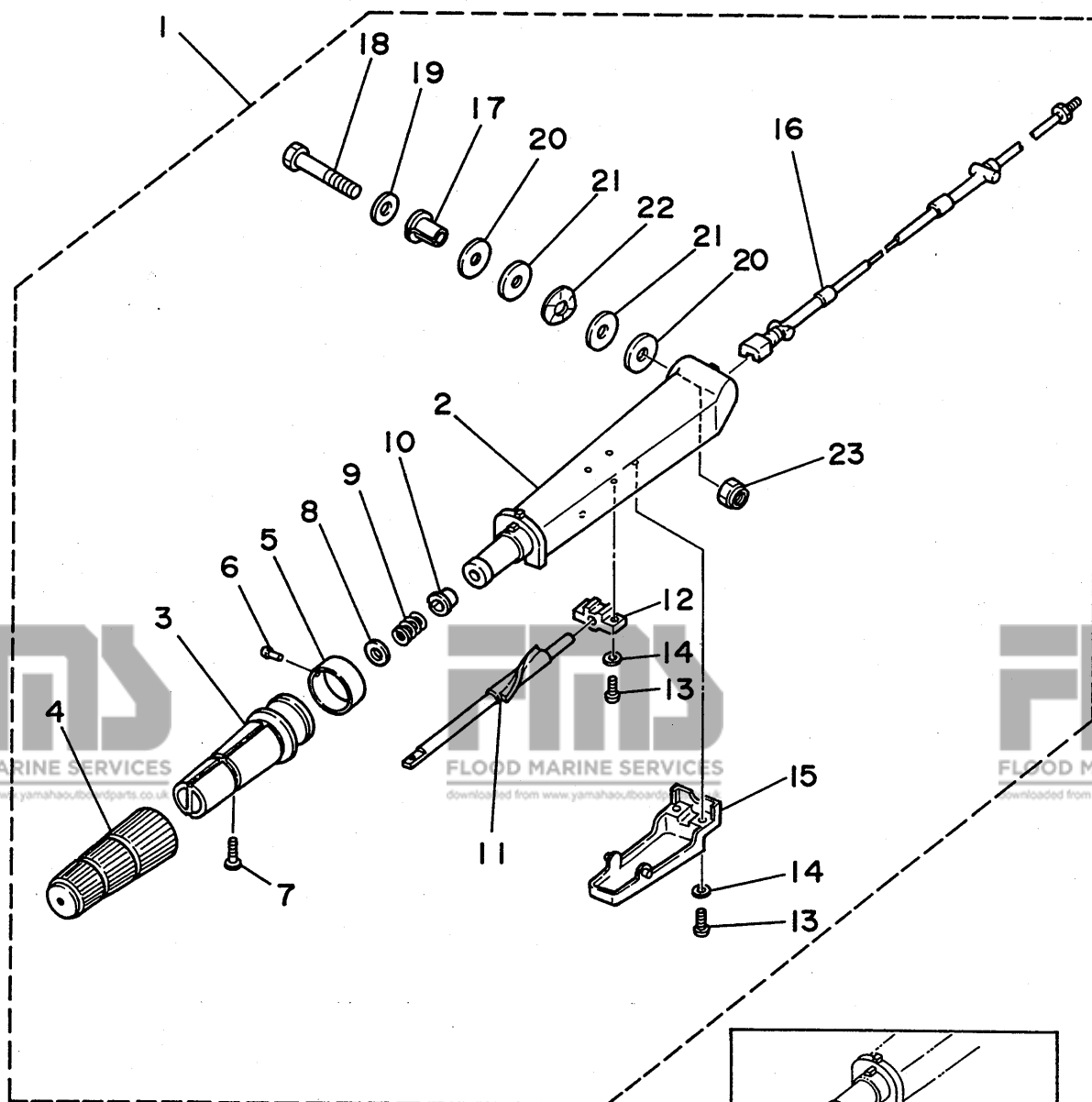


Fig. 11 STEERING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-W0084-02-EJ	HANDLE STEERING ASS'Y	1	15	6H4-42131-00	. COVER, handle steering	1
2	6H4-42111-00-EJ	. HANDLE, steering	1	16	6H4-26311-02	. THROTTLE WIRE COMP. 1	2
3	664-42119-00	. GRIP, steering handle	1	17	90386-12089	. BUSHING	1
4	6G1-42177-00	. HANDLE	1	18	90101-12M37	. BOLT	1
5	6H4-42137-01	. INDICATOR, throttle	1	19	92990-12200	. WASHER	1
6	90269-02001	. RIVET	1	20	90202-12092	. WASHER	2
7	98180-05025	. SCREW, ovalhead	1	21	90201-12537	. WASHER	2
8	92903-10600	. WASHER	1	22	90206-12054	. WASHER	1
9	90501-23215	. SPRING, compression	1	23	90185-12058	. NUT, self-locking	1
10	90386-08032	. BUSHING	1	24	656-42126-01	THROTTLE FRICTION PIECE, friction	1
11	6H4-42138-01	. LEVER, throttle	1	25	97395-06020	BOLT	1
12	6H4-42159-00	. STAY	1	26	90185-06062	NUT, self-locking	1
13	97880-05016	. SCREW	4				
14	92990-05600	. WASHER	4				

Fig. 12 CONTROL

Fig.16, Ref.No.2
Fig.21, Ref.No.2 (40HE0/40HEPO MODEL)

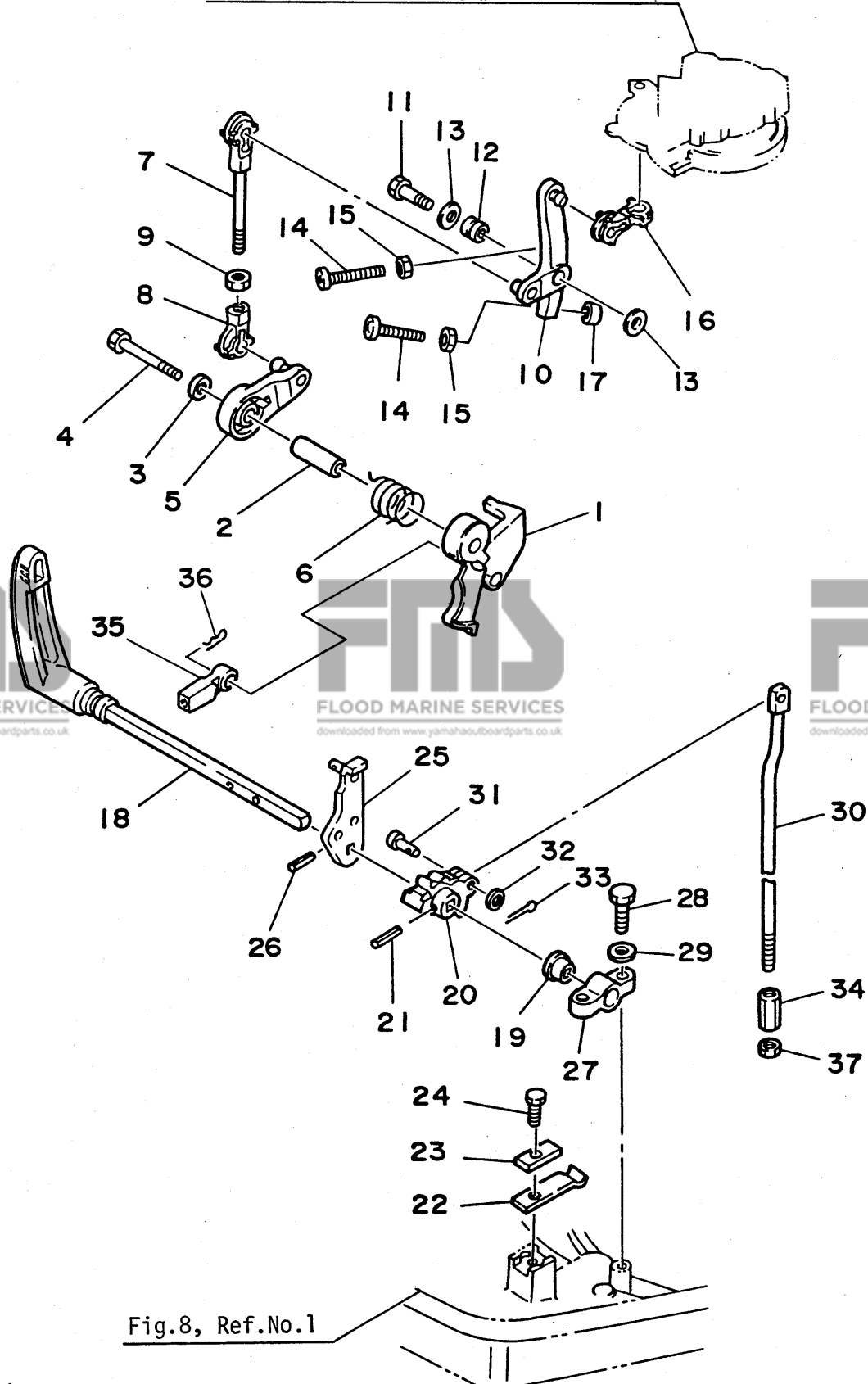


Fig.8, Ref.No.1

Fig. 12 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 U.R.	19	682-44132-00	BUSHING	1
	6H4-41213-03	CAM, accel. (40HEO/40HEPO Model)	1 U.R.	20	6H4-44121-01	LEVER, shift rod 1	1
2	90387-06M63	COLLAR	1	21	91690-30318	PIN, spring	1
3	90201-06M31	WASHER	1	22	6H4-44116-00	SPRING	1
4	97313-06040	BOLT	1	23	682-44117-00	BRACKET	1
5	6H4-41632-00	LEVER, magneto control 2	1	24	97313-06016	BOLT	1
6	90508-26M20	SPRING, torsion	1	25	6H4-44125-01	LEVER, shift rod 2	1
7	6H4-41636-01	ROD, magneto control	1	26	91690-30316	PIN, spring	1
8	682-41237-00	JOINT, link 2	1	27	6F5-41662-00	BRACKET 2	1
9	95303-05600	NUT	1	28	97313-06020	BOLT	2
10	6H4-41631-01	LEVER, magneto control 1	1	29	92903-06600	WASHER	2
11	97313-06025	BOLT	1	30	6H4-44143-00	ROD, shift 1	2
12	90387-06M04	COLLAR	1	31	91790-05020	PIN	1
13	90201-06M31	WASHER	2	32	92990-05600	WASHER	1
14	90157-06M00	SCREW	2	33	91490-16010	PIN, cotter	1
15	95303-06600	NUT	2	34	648-44146-00	CONNECTOR, shift rod 2	1
16	6H3-41238-00	JOINT, link	1	35	663-48344-00	CABLE, remote control	1
17	688-44194-00	CAP	2	36	90468-18008	PIN, hair	1
18	6H4-44111-00	HANDLE, gear shift (40HMO Model)	1 U.R.	37	90170-07021	NUT	1
	6H4-44111-10	HANDLE, gear shift (40HEO/40HEPO Model)	1 U.R.				

Fig. 13 UPPER CASING

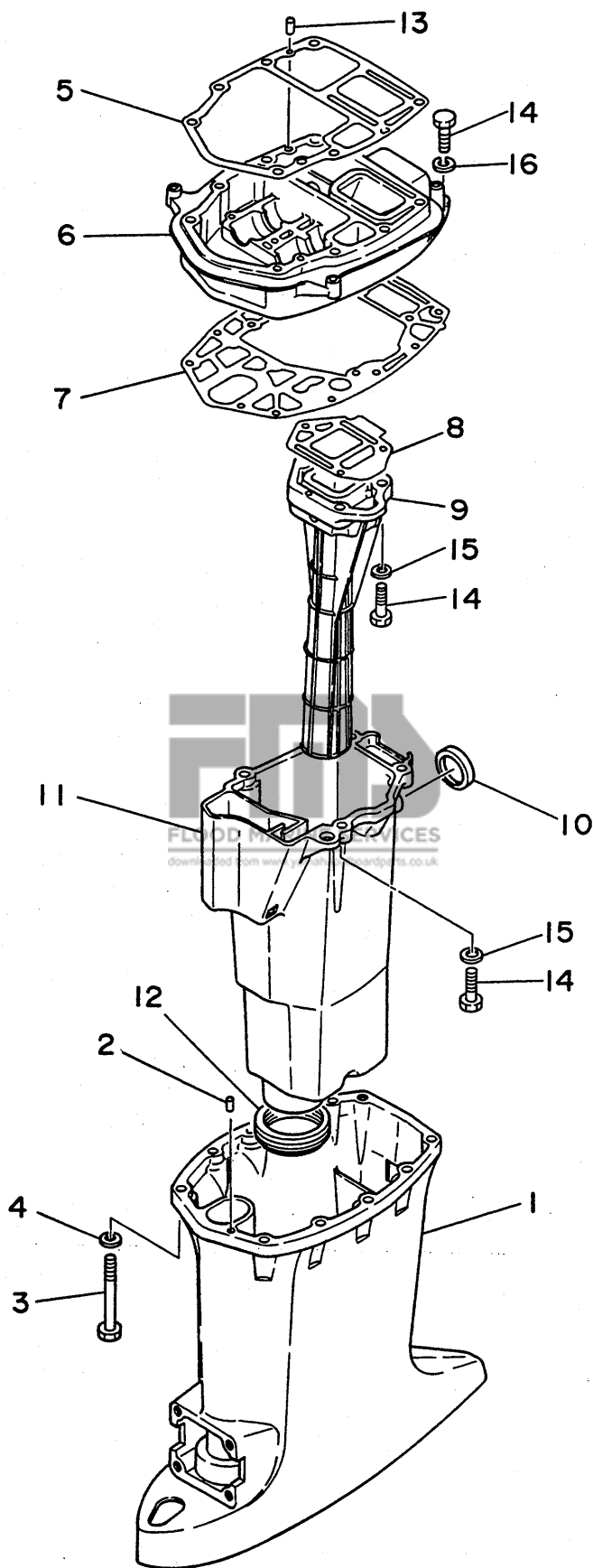


Fig. 13 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-45111-00-EJ CASING, upper (Short)		1 U.R.	9	6H4-41131-01-9M MANIFOLD, exhaust		1
	6H4-45111-10-EJ CASING, upper (Long)		1 U.R.	10	6H4-41133-00 GASKET, exhaust manifold		1
2	93606-12019 PIN, dowel B		2	11	6H4-14711-00-9M MUFFLER 1 (Short)		1 U.R.
3	97395-08080 BOLT		8		6H4-14711-10-9M MUFFLER 1 (Long)		1 U.R.
4	92990-08600 WASHER		8	12	663-45123-00 GASKET, muffler		1
5	6H4-45113-00 GASKET, upper casing		1	13	93606-12019 PIN, dowel B		2
6	6H4-41137-00-94 GUIDE, exhaust		1	14	97375-08030 BOLT		9
7	6H4-45114-00 GASKET, upper casing 2		1	15	92990-08600 WASHER		7
8	6H4-41134-00 GASKET, exhaust manifold 2		1	16	92990-08100 WASHER		2

Fig. 14 LOWER & DRIVE I

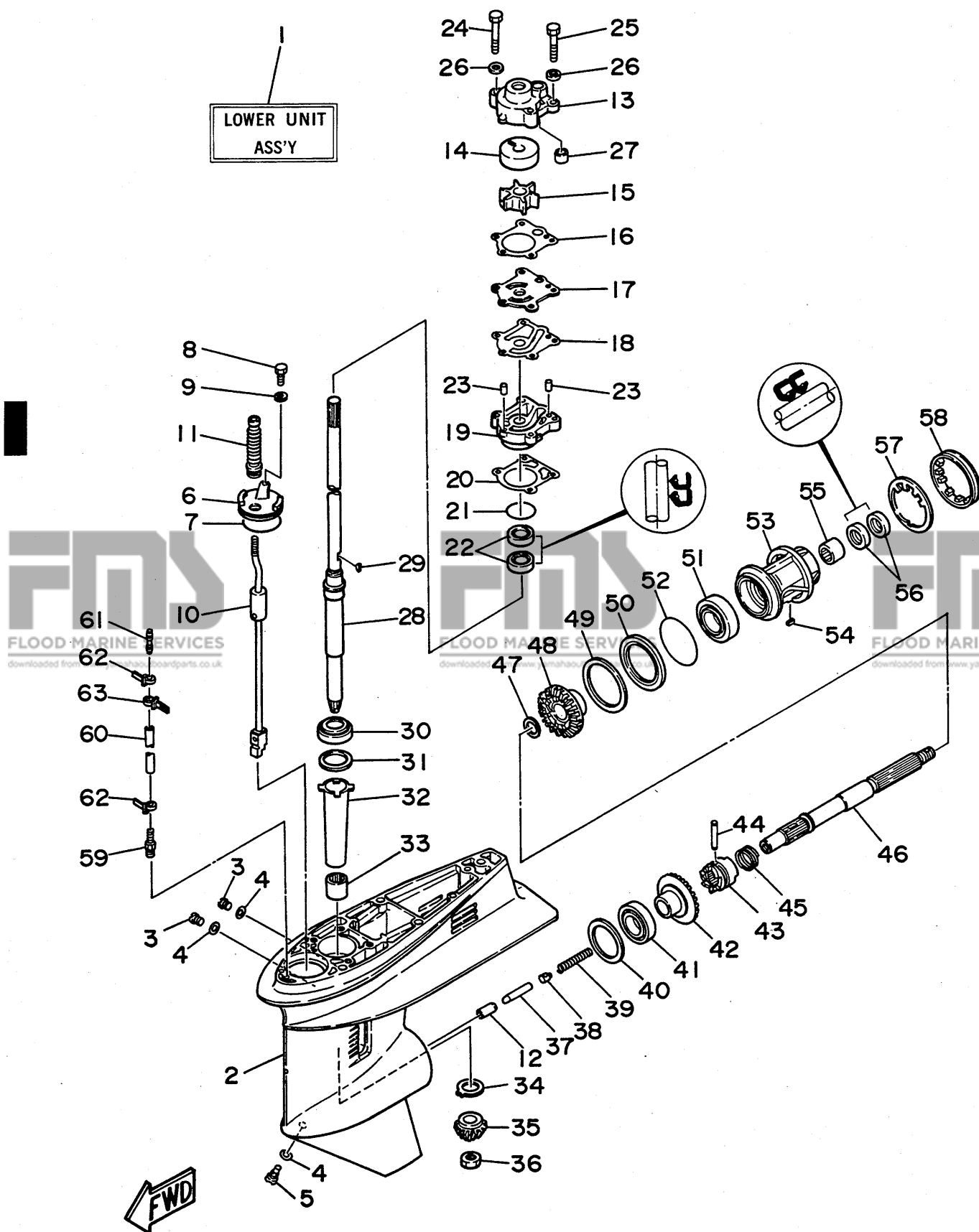


Fig. 14 LOWER & DRIVE 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-45300-00-EJ	LOWER UNIT ASS'Y (Short) (Ref. No. 2 to 61)	1 U.R.	32	6H4-45536-00	SLEEVE, drive shaft	1
	6H4-45300-10-EJ	LOWER UNIT ASS'Y (Long) (Ref. No. 2 to 61)	1 U.R.	33	93315-32224	BEARING, needle	1
2	6H4-45301-00-EJ	CASING, lower	1	34	663-45552-00	BEARING, plain	1
3	90340-08014	PLUG, straight	2	35	6H4-45551-00	PINION (13T)	1
4	90430-08020	GASKET	3	36	90170-12138	NUT	1
5	688-45341-00	PLUG, straight	1	37	676-45635-00	PLUNGER, shift	1
6	6H4-45321-00	PLATE	1	38	663-45634-00	SLIDE, shift	1
7	93210-49046	O-RING	1	39	90501-16M01	SPRING, compression	1
8	97395-06016	BOLT	1	40	6H4-45567-00-05	SHIM 1 (0.05mm)	1 U.R.
9	92990-06600	WASHER	1		6H4-45567-00-08	SHIM 1 (0.08mm)	1 U.R.
10	6H4-44150-00	SHIFT CAM ASS'Y (Short)	1 U.R.		6H4-45567-00-12	SHIM 1 (0.12mm)	1 U.R.
	6H4-44150-10	SHIFT CAM ASS'Y (Long)	1 U.R.		6H4-45567-00-30	SHIM 1 (0.30mm)	1 U.R.
11	655-44147-00	BOOT, shift rod	1		6H4-45567-00-50	SHIM 1 (0.50mm)	1 U.R.
12	6H4-44160-00	DETENT COMP.	1	41	93332-000V4	BEARING, taper roller	1
13	663-44311-02	HOUSING, water pump 1	1	42	6H4-45560-00	GEAR 1 ASS'Y (24T)	1
14	663-44322-00	INSERT, cartridge	1	43	6H4-45631-00	CLUTCH, dog	1
15	6H4-44352-00	IMPELLER	1	44	90250-06023	PIN, straight	1
16	663-44315-00	GASKET, water pump 1	1	45	663-45633-00	RING, cross pin	1
17	663-44323-00	OUTER PLATE, cartridge	1	46	679-45611-01	SHAFT, propeller	1
18	663-44324-00	GASKET, cartridge outer plate	1	47	90201-22429	WASHER	1
19	663-44341-00-94	HOUSING, water pump 2	1	48	6H4-45571-00	GEAR 2 (24T)	1
20	663-44316-00	GASKET, water pump 2	1	49	663-45577-00-05	SHIM 2 (0.05mm)	1 U.R.
21	93210-41042	O-RING	1		663-45577-00-08	SHIM 2 (0.08mm)	1 U.R.
22	93101-23070	OIL SEAL	2		663-45577-00-12	SHIM 2 (0.12mm)	1 U.R.
23	93604-08062	PIN, dowel B	2		663-45577-00-30	SHIM 2 (0.30mm)	1 U.R.
24	97395-08055	BOLT	2		663-45577-00-50	SHIM 2 (0.50mm)	1 U.R.
25	97395-08045	BOLT	2	50	663-45576-00	WASHER, thrust 2	1
26	92990-08600	WASHER	4	51	93306-00702	BEARING (B6007)	1
27	663-44366-00	WATER SEAL 2	1	52	93210-66262	O-RING	1
28	6H4-45501-00	DRIVE SHAFT ASS'Y (Short)	1 U.R.	53	679-45331-00-94	HOUSING, bearing	1
	6H4-45501-10	DRIVE SHAFT ASS'Y (Long)	1 U.R.	54	90282-04010	KEY, straight	1
29	90280-03024	KEY, woodruff	1	55	93317-22204	BEARING, needle	1
30	93332-00023	BEARING, taper roller	1	56	93101-22M00	OIL SEAL	2
31	663-45587-00-05	SHIM 3 (0.05mm)	1 U.R.	57	90214-48008	WASHER, claw	1
	663-45587-00-08	SHIM 3 (0.08mm)	1 U.R.	58	697-45384-00	NUT	1
	663-45587-00-12	SHIM 3 (0.12mm)	1 U.R.	59	6E5-45378-00	NIPPLE, hose	1
	663-45587-00-30	SHIM 3 (0.30mm)	1 U.R.	60	90445-07M31	HOSE	1
	663-45587-00-50	SHIM 3 (0.50mm)	1 U.R.	61	6E5-83558-00	END, nipple	1
				62	90465-11M10	CLAMP	2
				63	90465-13M11	CLAMP	1

Fig. 15 LOWER & DRIVE 2

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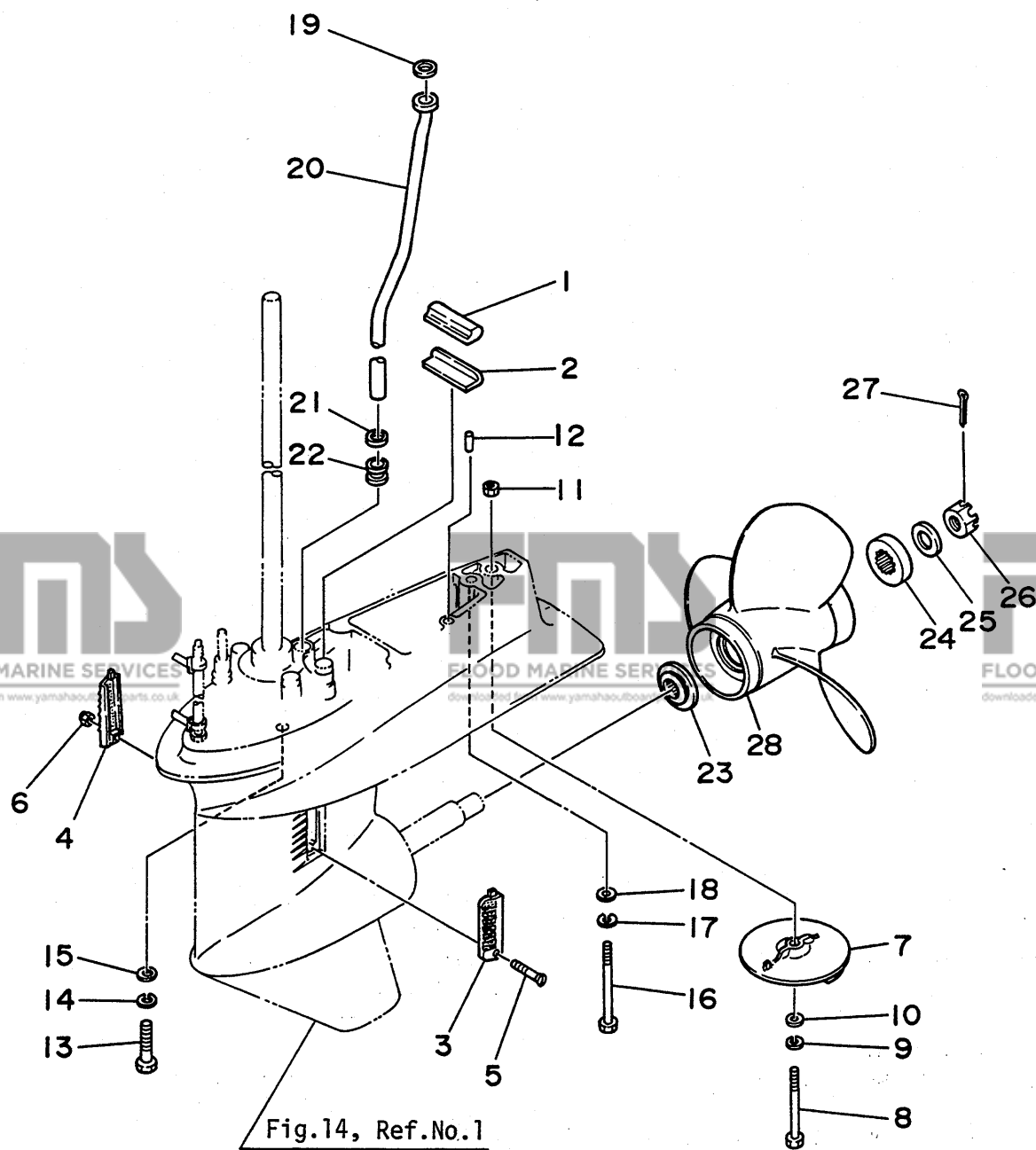


Fig.14, Ref.No.1
LOWER UNIT ASS'Y



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Fig. 15 LOWER & DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-45375-00	SEAL 2	1	26	90171-16011	NUT, castle	1
2	663-45376-00-94	GUIDE, seal rubber	1	27	91490-30025	PIN, cotter	1
3	688-45214-01	COVER, water inlet 1	1	28	663-45941-01-EL	PROPELLER ASS'Y 1(3x10"x17"-G)	1 U.R.
4	688-45215-01	COVER, water inlet 2	1		663-45943-02-EL	PROPELLER ASS'Y 2(3x11"x15"-G)	1 U.R.
5	98180-05035	SCREW, ovalhead	1		663-45945-02-EL	PROPELLER ASS'Y 3(3x11"x13"-G)	1 U.R.
6	90185-05002	NUT, self-locking	1		663-45947-02-EL	PROPELLER ASS'Y 4(3x11"x11"-G)	1 U.R.
7	664-45371-01	TAB-TRIM	1		663-45949-01-EL	PROPELLER ASS'Y 5(3x10"x16"-G)	1 U.R.
8	97375-08075	BOLT	1		663-45952-02-EL	PROPELLER ASS'Y 6(3x11"x12"-G)	1 U.R.
9	92990-08100	WASHER	1		663-45954-01-EL	PROPELLER ASS'Y 7(3x11"x10"-G)	1 U.R.
10	92990-08600	WASHER	1		663-45956-01-EL	PROPELLER ASS'Y 8(3x12"x9"-G)	1 U.R.
11	95380-08600	NUT	1		663-45958-01-EL	PROPELLER ASS'Y 9(3x11"x14"-G)	1 U.R.
12	93606-12019	PIN, dowel B	2		6H5-45943-00-EL	PROPELLER ASS'Y 2(3x10"x15"-G)	1 U.R.
13	97375-10040	BOLT	4			(With Lip Cup)	1 U.R.
14	92990-10100	WASHER	4		6H5-45945-00-EL	PROPELLER ASS'Y 3(3x10"x13"-G)	1 U.R.
15	92990-10600	WASHER	4			(With Lip Cup)	1 U.R.
16	97375-08085	BOLT	1		6H5-45952-00-EL	PROPELLER ASS'Y 6(3x10"x12"-G)	1 U.R.
17	92990-08100	WASHER	1			(With Lip Cup)	1 U.R.
18	92990-08600	WASHER	1		6H5-45958-00-EL	PROPELLER ASS'Y 9(3x10"x14"-G)	1 U.R.
19	90202-12060	WASHER	1			(With Lip Cup)	1 U.R.
20	6H4-44361-00	TUBE, water 1 (Short)	1 U.R.		STAINLESS STEEL PROPELLER		
	6H4-44361-10	TUBE, water 1 (Long)	1 U.R.		663-45970-60-98	PROPELLER ASS'Y 20(3x11"x12"-G)	1 U.R.
21	90430-12072	GASKET	1		663-45972-60-98	PROPELLER ASS'Y 21(3x12"x11"-G)	1 U.R.
22	663-44367-00	DAMPER, water seal 3	1		663-45974-60-98	PROPELLER ASS'Y 22(3x11"x13"-G)	1 U.R.
23	663-45987-01	SPACER 1	1		663-45976-00-98	PROPELLER ASS'Y 23(3x10"x15"-G)	1 U.R.
24	670-45997-01	SPACER 2	1		663-45978-00-98	PROPELLER ASS'Y 24(3x10"x16"-G)	1 U.R.
25	92990-16200	WASHER	1		663-45930-00-98	PROPELLER ASS'Y 25(3x10"x14"-G)	1 U.R.

Fig. 16 C.D.I. MAGNETO

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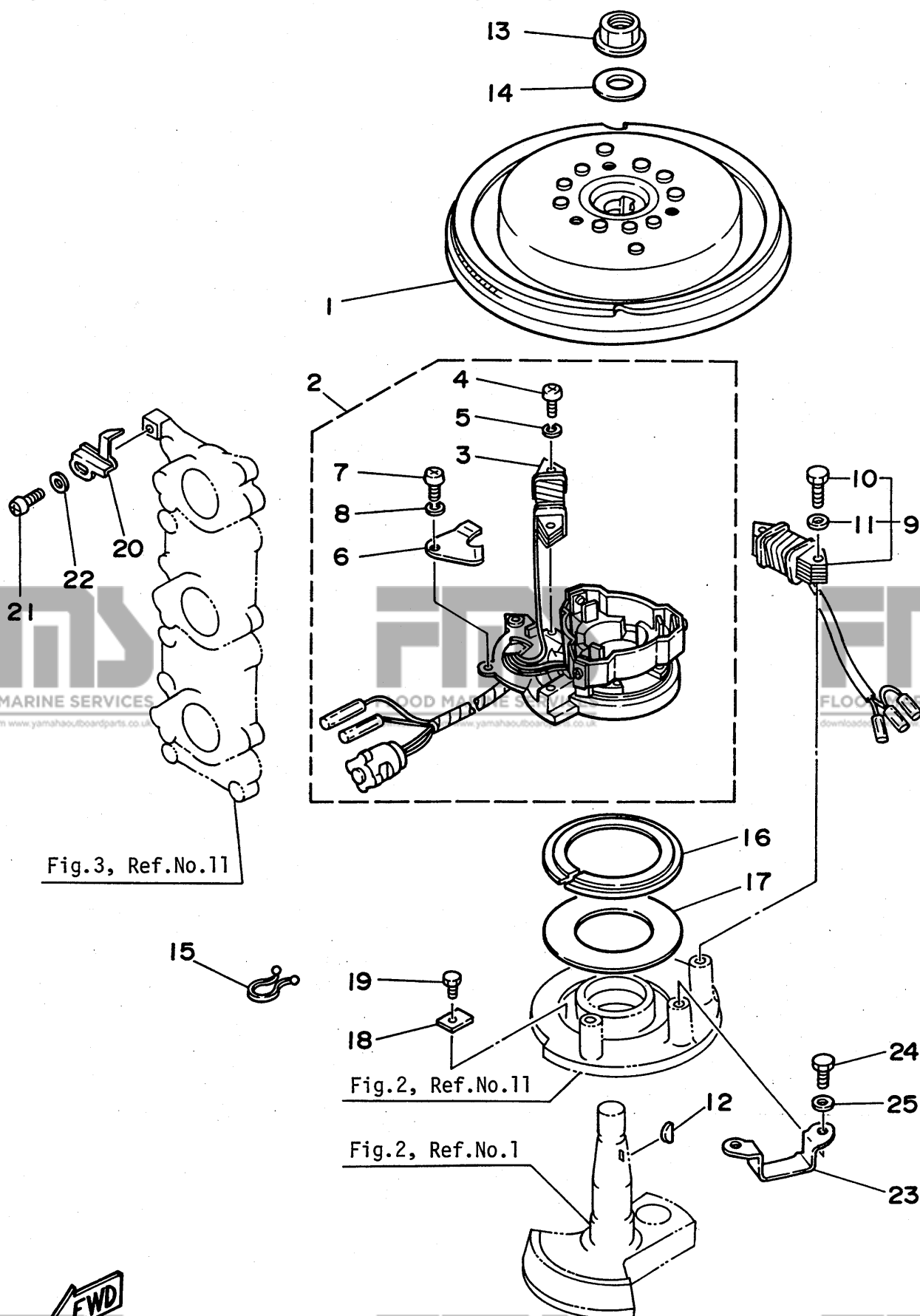


Fig. 3, Ref.No.11

Fig. 2, Ref.No.11

Fig. 2, Ref.No.1



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Fig. 16 C.D.I. MAGNETO

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-85550-F0	ROTOR ASS'Y	1	14	90201-16M44	WASHER	1
2	6H4-85510-F0	STATOR ASS'Y	1	15	90464-08M07	CLAMP	3
3	6H4-85520-00	. CHARGE COIL ASS'Y	1	16	6H4-41611-00	RETAINER, magneto base 1	1
4	97802-06020	. SCREW	2	17	6H4-41618-01	WASHER, magneto	1
5	92902-06100	. WASHER	2	18	6H4-41612-01	RETAINER, magneto base 2	3
6	6H4-85548-00	. CLAMP, cord	1	19	97313-06020	BOLT	3
7	97802-05008	. SCREW	1	20	6H4-81332-00	PLATE, timing	1
8	92902-05100	. WASHER	1	21	97803-05010	SCREW	1
9	6H4-81303-A0	LIGHTING COIL ASS'Y	1	22	92903-05600	WASHER	1
10	97313-06025	. BOLT	2	23	6H4-41613-00	PLATE, base friction	1
11	92903-06600	. WASHER	2	24	97313-06012	BOLT	2
12	90280-05015	KEY, woodruff	1	25	92903-06600	WASHER	2
13	90179-16M05	NUT	1				

Fig. 17 ELECTRIC PARTS

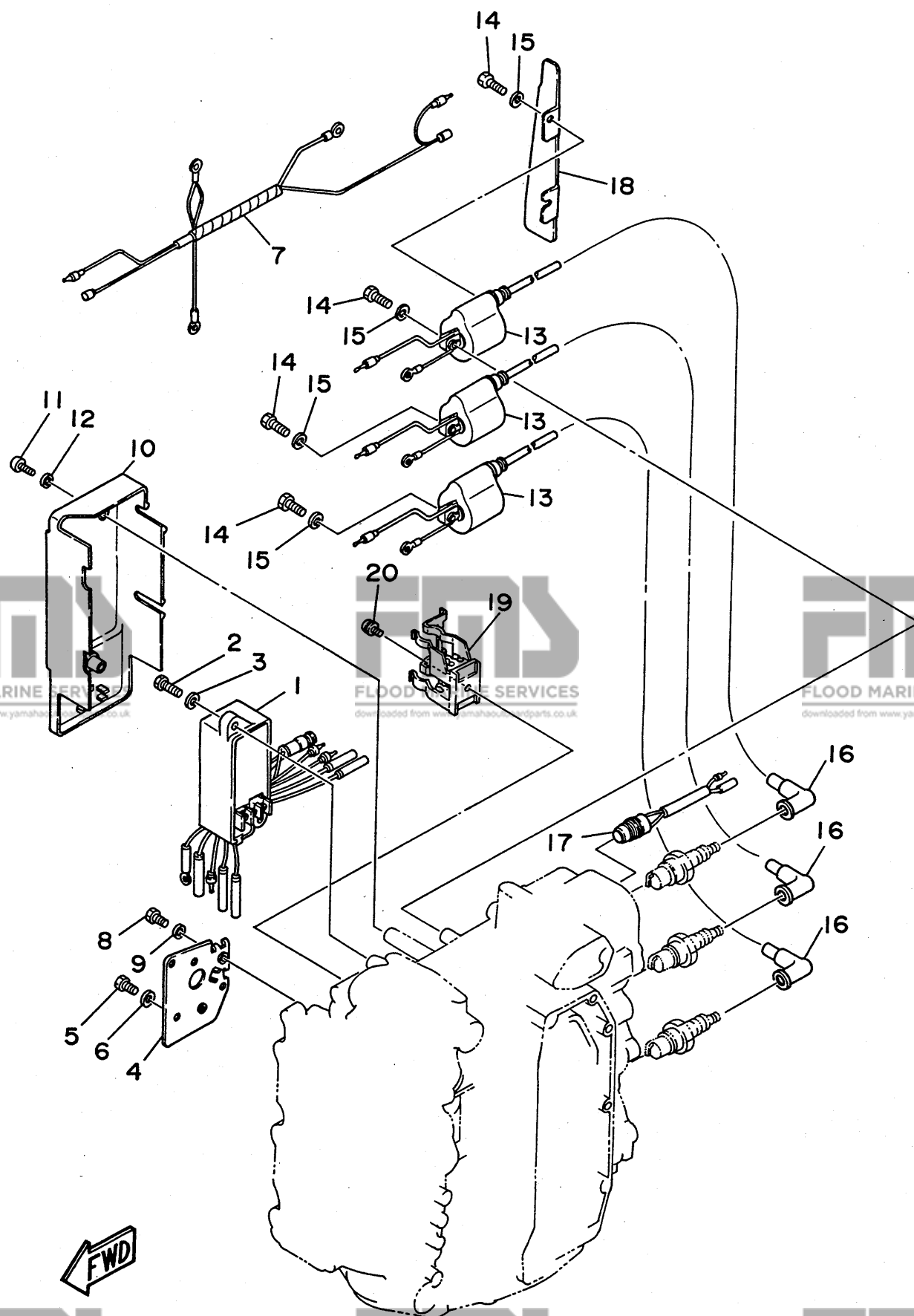


Fig. 17 ELECTRIC PARTS

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-85540-21	C.D.I. UNIT ASS'Y	1	11	97803-06025	SCREW	2
2	97313-06025	BOLT	2	12	92903-06600	WASHER	2
3	92903-06600	WASHER	2	13	6H4-85570-20	IGNITION COIL ASS'Y	3
4	6H4-81975-00	PLATE, rectifier fitting	1	14	97313-06020	BOLT	6
5	97313-06012	BOLT	3	15	92903-06600	WASHER	6
6	92903-06600	WASHER	3	16	6G1-82370-20	PLUG CAP ASS'Y	3
7	6H4-82531-01	WIRE, lead	1	17	689-82560-00	THERMO-SWITCH ASS'Y	1
8	97313-06012	BOLT	1	18	6H4-14477-00	PLATE	1
9	92903-06600	WASHER	1	19	6H4-82552-00	CLAMP	1
10	6H4-81916-00	COVER, terminal	1	20	90159-06M07	SCREW, with washer	1

Fig. 18 OIL PUMP

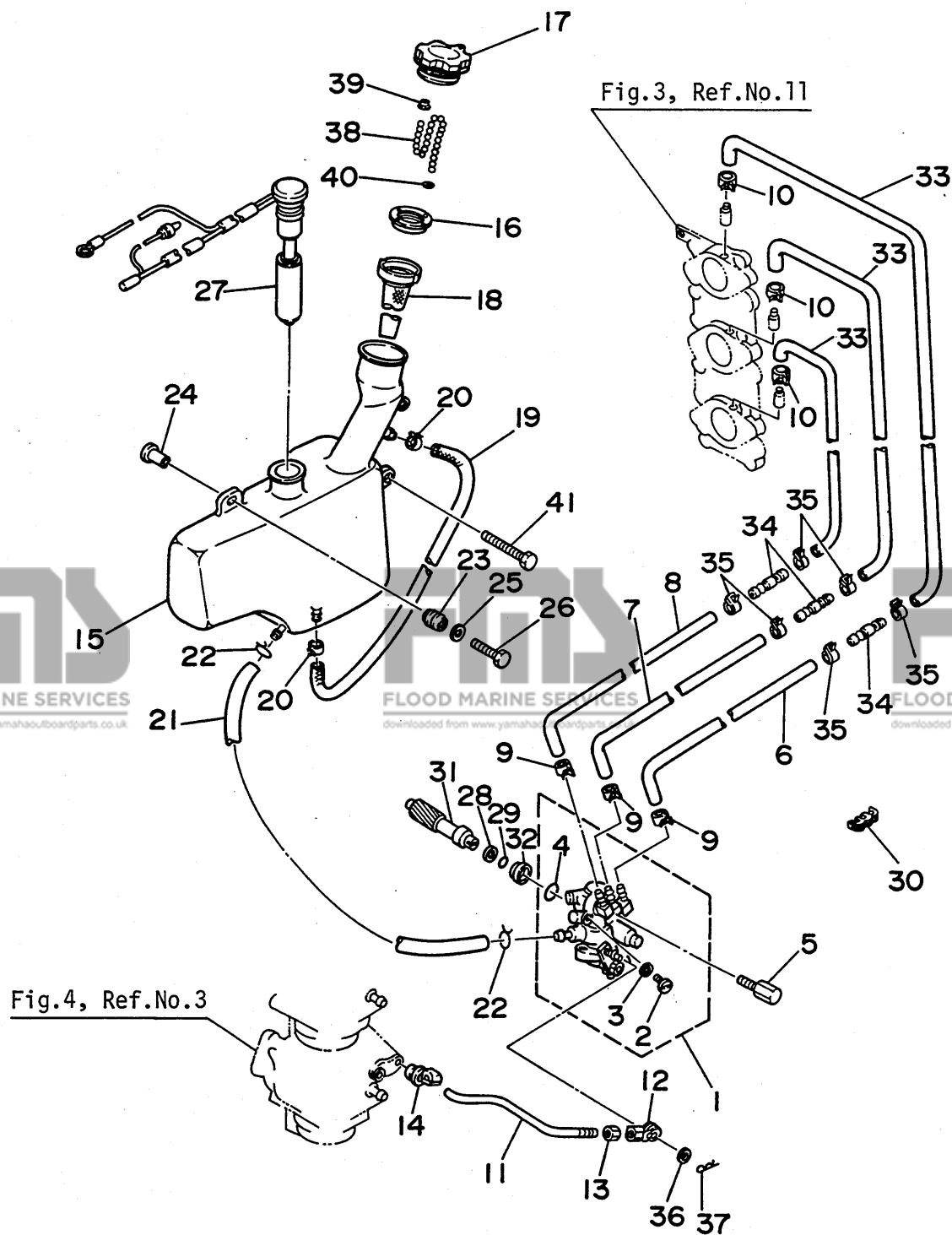


Fig. 18 OIL PUMP

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-13200-01	OIL PUMP ASS'Y	1	22	90467-08004	CLIP	2
2	6E5-13471-00	. PLUG, drain	1	23	6A0-82317-00	DAMPER	3
3	6E5-13475-00	. GASKET	1	24	624-42542-00	PIPE 1	3
4	6E5-14562-00	. O-RING	1	25	90201-06050	WASHER	3
5	90109-06M22	BOLT	2	26	97313-06030	BOLT	2
6	90445-07M44	HOSE	1	27	6H4-85720-20	OIL LEVEL GAUGE ASS'Y	1
7	90445-07M23	HOSE	1	28	90201-08M93	WASHER	1
8	90445-07MA6	HOSE	1	29	93210-13M04	O-RING	1
9	90468-07M02	CLIP	3	30	90464-07M05	CLAMP	1
10	90468-07M02	CLIP	3	31	6H4-11537-00	GEAR, driven	1
11	6H4-41241-00	ROD	1	32	6H1-13117-00	COLLAR, distance 2	1
12	6H1-41237-00	JOINT, link 2	1	33	90445-07M87	HOSE	3
13	95303-05600	NUT	1	34	6E5-13132-00	JOINT	3
14	6E9-41237-00	JOINT, link 1	1	35	90468-07M02	CLIP	6
15	6H4-21707-10	OIL TANK COMP.	1	36	90202-05088	WASHER	1
16	6H4-21773-00	GROMMET	1	37	90468-05M03	CLIP	1
17	6H4-21770-00	OIL TANK CAP ASS'Y	1	38	6H4-24633-00	CHAIN, ball	1
18	6H1-21756-00	NET, filter	1	39	6H4-24634-00	HOOK, chain ball	1
19	90446-09M08	HOSE	1	40	6H4-21757-00	WASHER	1
20	90467-08004	CLIP	2	41	97313-06050	BOLT	1
21	90445-09M37	HOSE	1				

Fig. 19 TOP COWLING (40HEO/40HEPO MODEL)

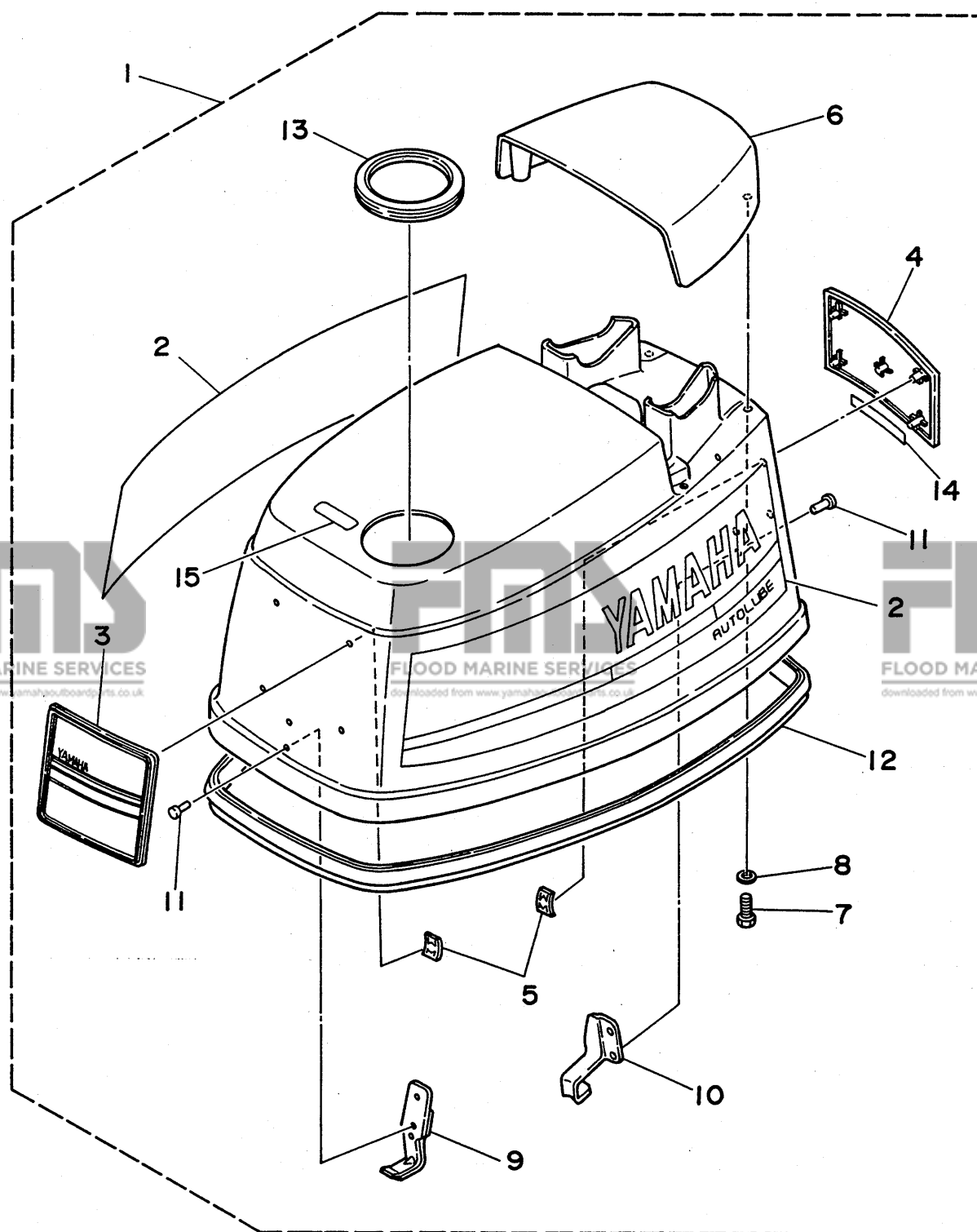


Fig. 19 TOP COWLING (40HE0/40HEP0 MODEL)

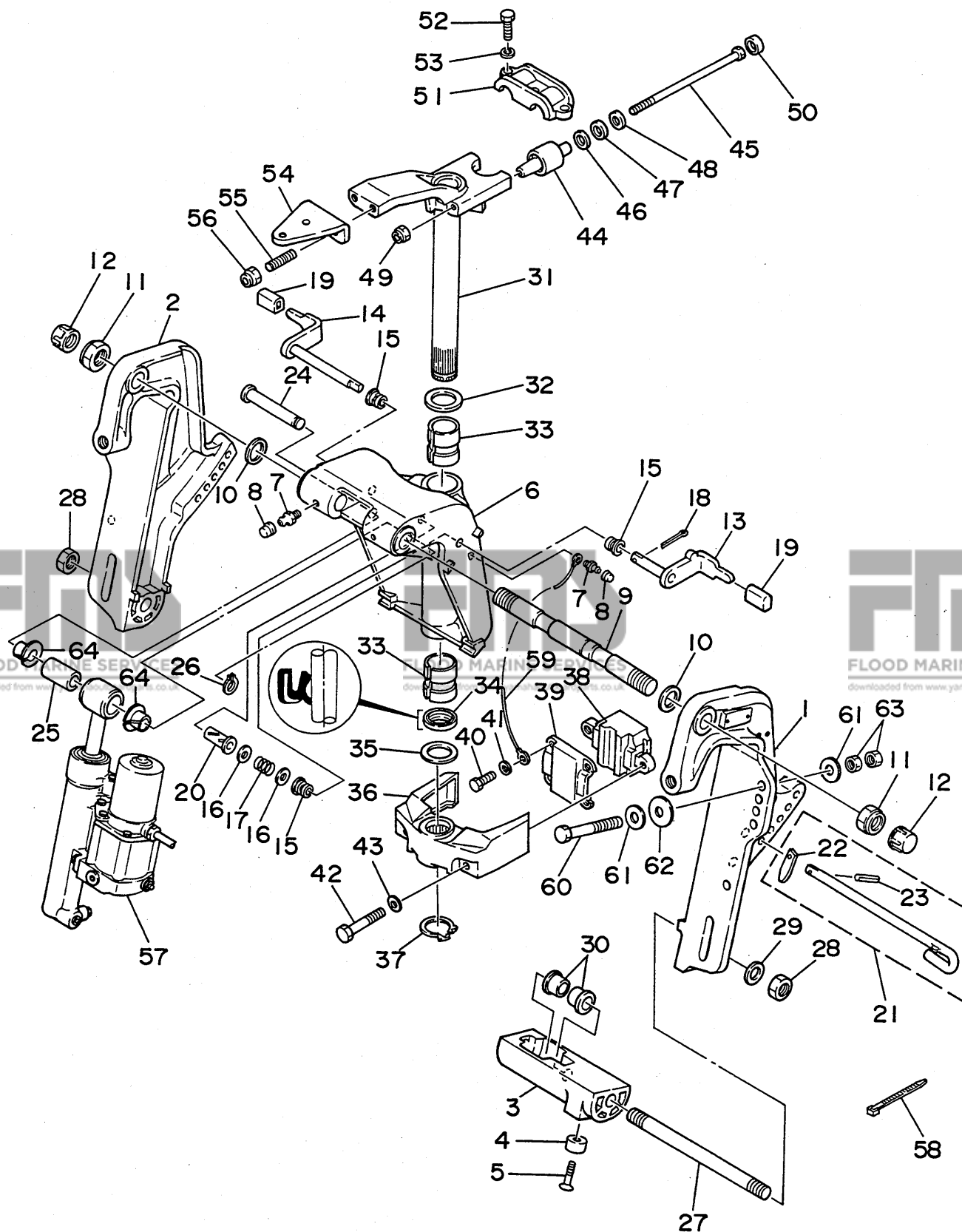
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-42610-E0-EJ	TOP COWLING ASS'Y (40HE0 Model)	1 U.R.	9	6H4-42651-00	. HOOK 1	1
	6H4-42610-G0-EJ	TOP COWLING ASS'Y (40HEP0 Model)	1 U.R.	10	6H4-42652-00	. HOOK 2	1
2	6H4-W0070-E0	. GRAPHIC SIDE SET	1	11	90266-04M01	. RIVET	4
3	6H4-42686-10	. EMBLEM, front	1	12	6H4-42615-00	. SEAL	1
4	6H4-42687-00	. EMBLEM, rear	1	13	6H4-21732-00	. SEAL	1
5	90183-05M01	. NUT, spring	10	14	6G1-42683-00	. MARK, cowling (40HE0 Model)	1 U.R.
6	6H4-42613-10-EJ	. MOLDING, air duct	1		6H5-42684-00	. MARK, cowling (40HEP0 Model)	1 U.R.
7	97313-06016	. BOLT	4	15	6H4-13436-00	. MARK	1
8	92903-06600	. WASHER	4				

Fig. 20 BRACKET (40HEPO MODEL)

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Fig. 20 BRACKET (40HEPO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-43111-01-EJ	BRACKET, clamp 1	1	35	90201-31418	WASHER, plate	1
2	6H5-43112-01-EJ	BRACKET, clamp 2	1	36	6H4-44551-01-EJ	HOUSING, lower mount	1
3	6H5-43128-00-EJ	SPACER, clamp bracket	1	37	93410-28M06	CIRCLIP	1
4	688-45251-01	ANODE	1	38	6H4-44557-00	MOUNT RUBBER, lower front	1 U.R.
5	92180-06025	SCREW	1			(Short)	
6	6H5-43311-00-EJ	BRACKET, swivel	1		6H4-44557-10	MOUNT RUBBER, lower front	1 U.R.
7	93700-06004	NIPPLE, grease	3			(Long)	
8	663-45119-00	CAP, grease nipple	3	39	6H4-44553-00	COVER, lower mount	1
9	663-43131-00	BOLT, clamp bracket	1	40	97395-08025	BOLT	4
10	90201-22428	WASHER	2	41	92990-08600	WASHER	4
11	90185-22043	NUT, self-locking	2	42	97395-10060	BOLT	2
12	663-43145-00	CAP, clamp bracket	2	43	92990-10600	WASHER	2
13	6H5-43181-00	LEVER, tilt stop 1	1	44	6H4-44514-00	MOUNT RUBBER, upper side	2
14	6Y5-43185-00	LEVER, tilt stop 2	1	45	90101-08M86	BOLT	2
15	90386-10M16	BUSHING	3	46	90201-15M98	WASHER	2
16	92990-10200	WASHER	2	47	90202-15M30	WASHER	2
17	90501-10M21	SPRING	1	48	90201-09425	WASHER	2
18	91490-30025	PIN, cotter	1	49	90185-08045	NUT	2
19	663-43318-00	COVER	2	50	663-44533-00	DAMPER, upper mount rubber	2
20	90386-10M19	BUSHING	1	51	6H4-44511-00-EJ	COVER, upper mount rubber	1
21	676-43160-01	TILT ROD ASS'Y	1	52	97375-08035	BOLT	3
22	676-43165-00	. STOPPER, plate	1	53	92990-08100	WASHER	3
23	91690-30010	. PIN, spring	1	54	6H4-48511-50-EJ	HOOK, steering	1
24	6H5-43126-01	PIN, upper shock mount	1	55	90116-10175	BOLT, stud	2
25	90306-12M65	BUSHING	1	56	90185-10051	NUT	2
26	93410-12M08	CIRCLIP	1	*57	6H5-43840-01-EJ	POWER TILT ASS'Y	1
27	90116-18M21	BOLT, stud	1	58	90465-13M11	CLAMP	1
28	90170-18M10	NUT	2	59	6H5-82127-00	WIRE, lead 3	1
29	92990-18600	WASHER	1	60	90101-12M65	BOLT	4
30	90386-18M44	BUSHING	2	61	92990-12200	WASHER	8
31	6H4-42510-00-EJ	BRACKET STEERING ASS'Y	1	62	90201-12426	WASHER	4
32	90201-30420	WASHER	1	63	95380-12600	NUT	8
33	90386-30048	BUSHING	2	64	90386-12M64	BUSHING	2
34	93109-30M03	OIL SEAL	1				

*See Fig. 25 for detail service parts.

Fig. 21 C.D.I. MAGNETO
(40HEO/40HEPO MODEL)

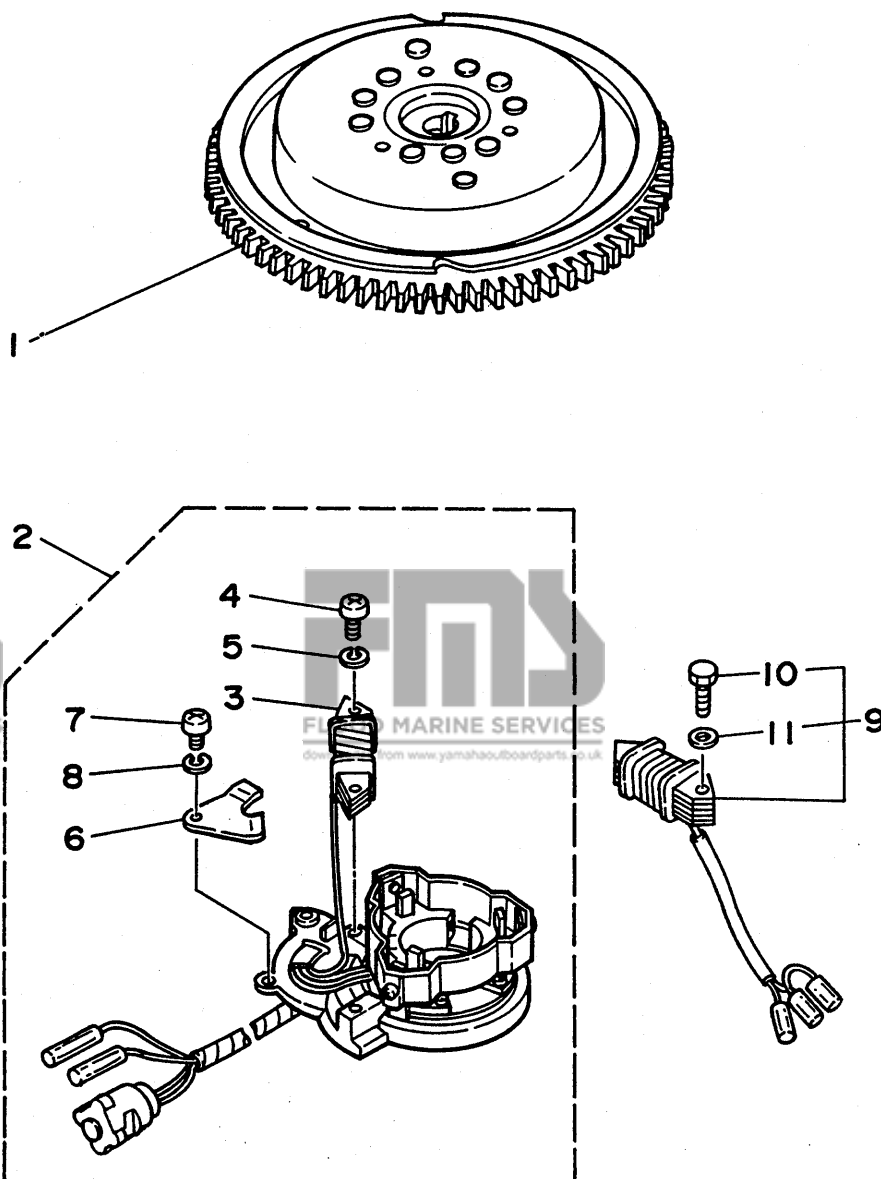


Fig. 21 C.D.I. MAGNETO (40HE0/40HEP0 MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-85550-A0	ROTOR ASS'Y	1	7	97802-05008	. SCREW	1
2	6H4-85510-F0	STATOR ASS'Y	1	8	92902-05100	. WASHER	1
3	6H4-85520-00	. CHARGE COIL ASS'Y	1	9	6H4-81303-A0	LIGHTING COIL ASS'Y	1
4	97802-06020	. SCREW	2	10	97313-06025	. BOLT	2
5	92902-06100	. WASHER	2	11	92903-06600	. WASHER	2
6	6H4-85548-00	. CLAMP, cord	1				

Fig. 22 ELECTRIC STARTER
(40HEO/40HEPO MODEL)

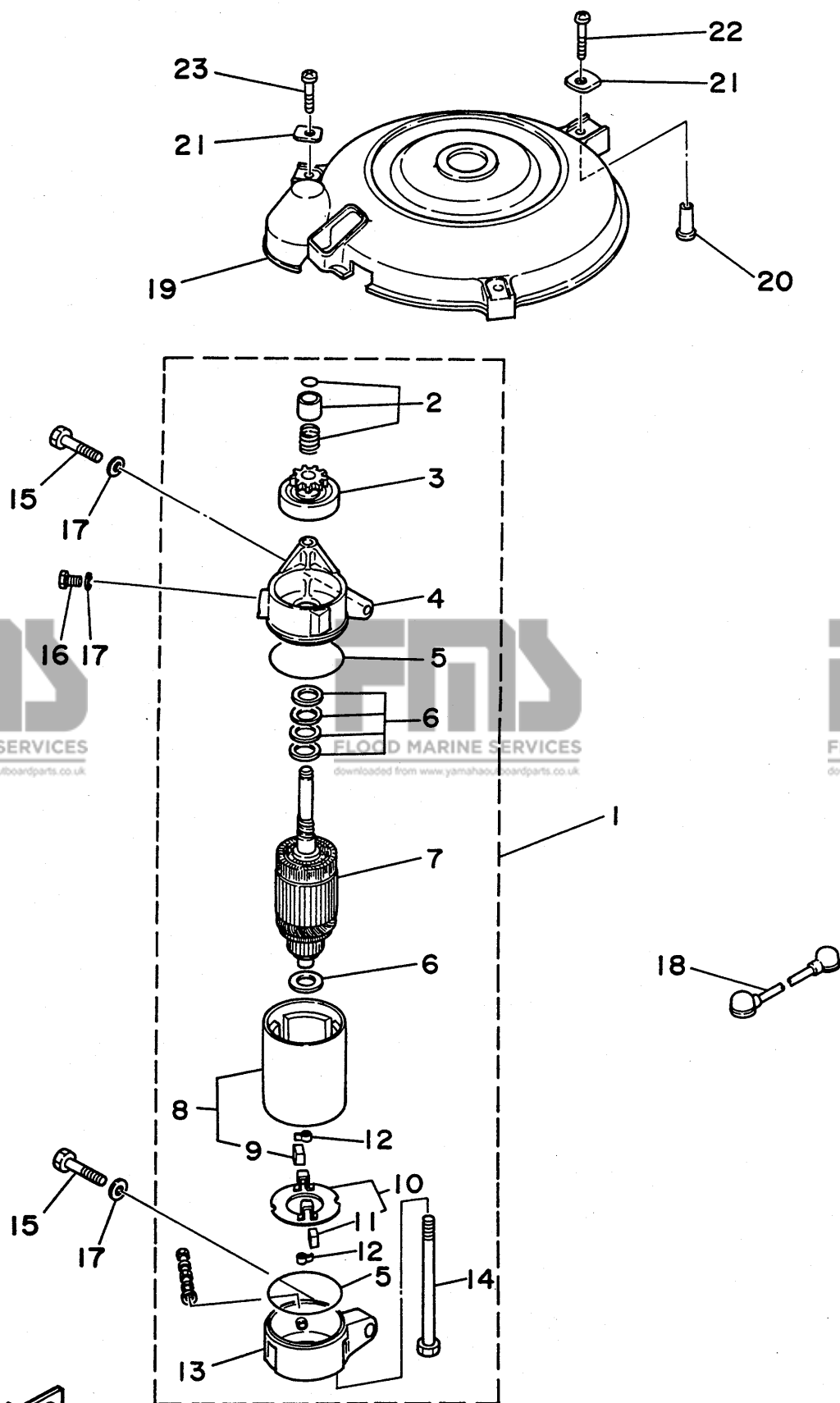


Fig. 22 ELECTRIC STARTER (40HE0/40HEPO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-81800-11	ELECTRIC MOTOR ASS'Y	1	13	6H3-81820-11	. REAR COVER ASS'Y	1
2	689-81857-11	. PINION STOPPER SET	1	14	689-81826-10	. BOLT	2
3	6H3-81807-10	. PINION ASS'Y (11T)	1	15	90119-08M30	BOLT, with washer	2
4	6H4-81830-10	. FRONT COVER ASS'Y	1	16	97313-08016	BOLT	1
5	689-81847-11	. O-RING	2	17	92903-08600	WASHER	3
6	689-81809-11	. WASHER KIT	1	18	6H4-82117-00	WIRE, lead	1
7	689-81850-11	. ARMATURE ASS'Y	1	19	6H4-81337-00	COVER, flywheel	1
8	6H3-81810-10	. STATOR ASS'Y	1	20	90387-06M65	COLLAR	3
9	689-81811-11	. . BRUSH 1 (+)	1	21	90209-06M04	WASHER	3
10	689-81840-11	. BRUSH HOLDER ASS'Y	1	22	97803-06040	SCREW	1
11	689-81812-11	. . BRUSH 2 (-)	1	23	97803-06035	SCREW	2
12	689-81813-10	. SPRING, brush	2				

Fig. 23 ELECTRIC PARTS (40HEO/40HEPO MODEL)

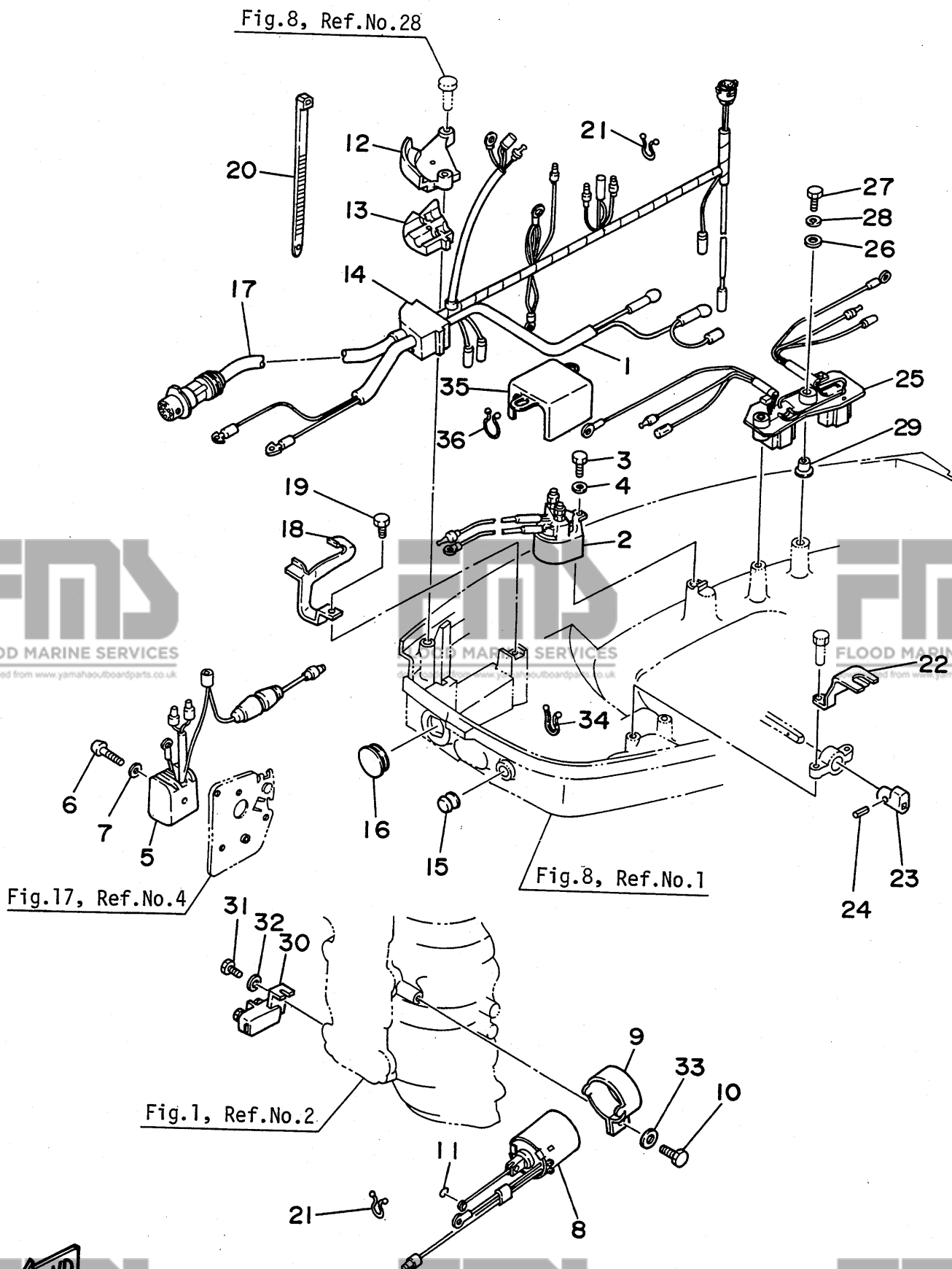


Fig. 23 ELECTRIC PARTS (40HE0/40HEP0 MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-82105-00	WIRE LEAD ASS'Y	1	20	90465-13M24	CLAMP	1
2	688-81950-10	STARTER RELAY ASS'Y	1	21	90465-18147	CLAMP	2
3	97313-06016	BOLT	1	22	6H4-82554-00	STAY, neutral switch	1
4	92903-06600	WASHER	1	23	6H4-44173-00	LEVER, shift control	1
5	661-81970-60	RECTIFIER ASS'Y	1	24	91690-30020	PIN, spring	1
6	97803-05025	SCREW	1	25	6H5-81950-10	STARTER RELAY ASS'Y (40HEP0 Model)	1
7	92903-05600	WASHER	1	26	92990-06200	WASHER (40HEP0 MODEL)	2
8	6H4-86110-01	SOLENOID COIL ASS'Y	1	27	97313-06025	BOLT (40HEP0 Model)	2
9	6H4-86112-00	STAY, solenoid	1	28	92903-06600	WASHER (40HEP0 Model)	2
10	97313-06016	BOLT	1	29	90387-06M05	COLLAR (40HEP0 Model)	2
11	93210-03261	O-RING	1	30	6H5-81920-00	TERMINAL ASS'Y (40HEP0 Model)	1
12	6H4-48531-10-94	BRACKET, remote control 1	1	31	97313-06012	BOLT (40HEP0 Model)	1
13	6H4-48532-10-94	BRACKET, remote control 2	1	32	92903-06600	WASHER (40HEP0 Model)	1
14	6H4-42724-20	GROMMET 1	1	33	92903-06600	WASHER	1
15	6H4-42725-00	GROMMET 2	1	34	90464-08M07	CLAMP	1
16	676-42726-00	GROMMET 3	1	35	6H3-82164-00	CASE 2	1
17	6H4-82590-21	WIRE HARNESS ASS'Y	1	36	90464-15M11	CLAMP	1
18	6H4-82588-00	PLATE	1				
19	97313-06012	BOLT	1				

Fig. 24 OIL PUMP (40HEO/40HEPO MODEL)

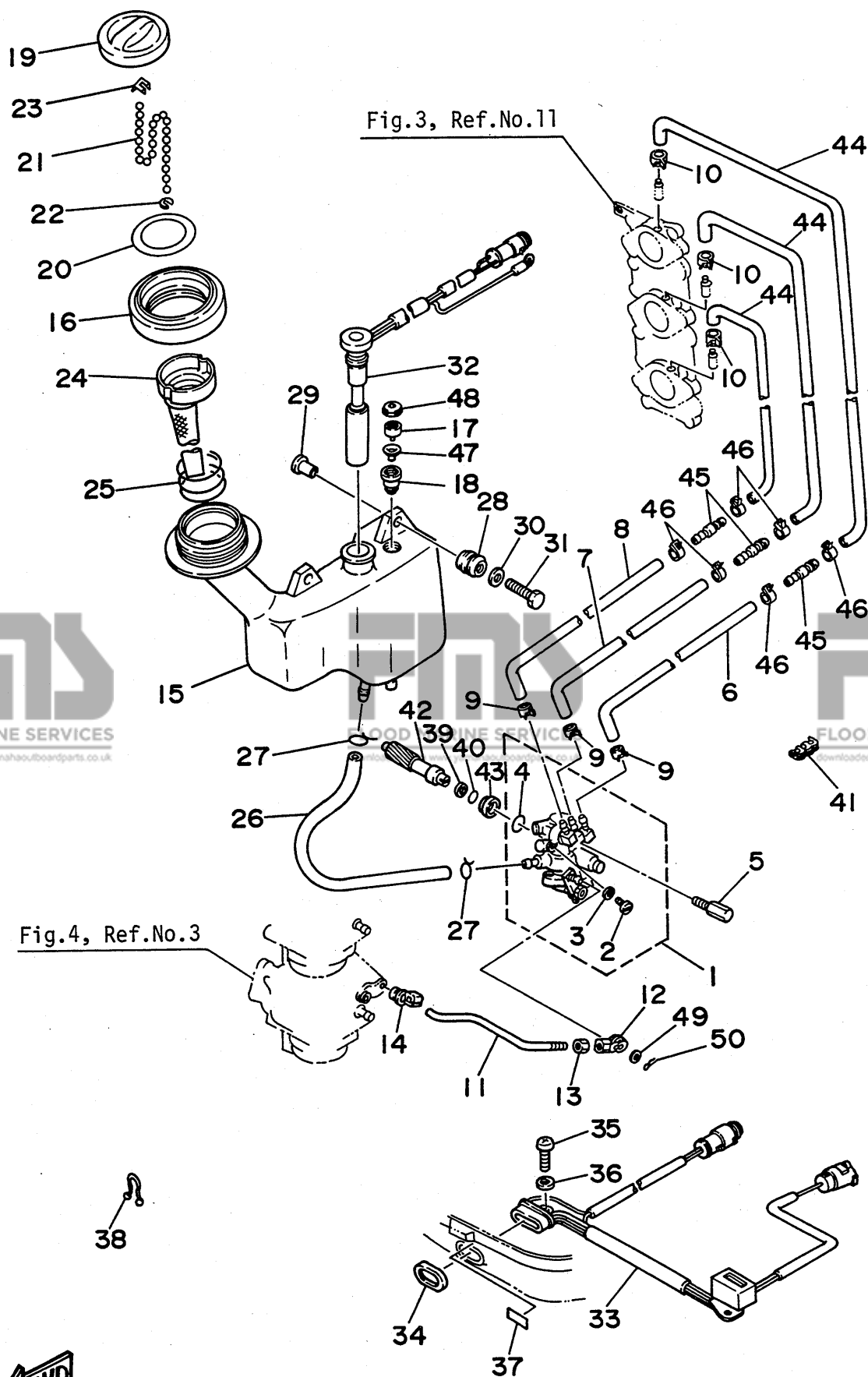


Fig. 24 OIL PUMP (40HE0/40HEPO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-13200-01	OIL PUMP ASS'Y	1	26	90445-09M37	HOSE	1
2	6E5-13471-00	. PLUG, drain	1	27	90467-08004	CLIP	2
3	6E5-13475-00	. GASKET	1	28	6A0-82317-00	DAMPER	3
4	6E5-14562-00	. O-RING	1	29	624-42542-00	PIPE 1	3
5	90109-06M22	BOLT	2	30	90201-06050	WASHER	3
6	90445-07M44	HOSE	1	31	97313-06030	BOLT	3
7	90445-07M23	HOSE	1	32	6H4-85720-11	OIL LEVEL GAUGE ASS'Y	1
8	90445-07MA6	HOSE	1	33	6H4-84301-01	PILOT LIGHT ASS'Y	1
9	90468-07M02	CLIP	3	34	6H4-83589-00	PACKING	1
10	90468-07M02	CLIP	3	35	97803-06014	SCREW	1
11	6H4-41241-00	ROD	1	36	92903-06600	WASHER	1
12	6H1-41237-00	JOINT, link 2	1	37	6H4-84342-00	SEAT, emblem	1
13	95303-05600	NUT	1	38	90464-08M07	CLAMP	1
14	6E9-41237-00	JOINT, link 2	1	39	90201-08M93	WASHER	1
15	6H4-21707-01	OIL TANK COMP.	1	40	93210-13M04	O-RING	1
16	6H4-21735-01	SEAL 2	1	41	90464-07M05	CLAMP	1
17	6H1-21744-10	BREATHER	1	42	6H4-11537-00	GEAR, driven	1
18	6H1-21773-00	GROMMET	1	43	6H1-13117-00	COLLAR, distance 2	1
19	6H1-21771-01	BODY, cap	1	44	90445-07M87	HOSE	3
20	6H1-21772-01	GASKET, cap	1	45	6E5-13132-00	JOINT	3
21	6H1-24633-00	CHAIN, ball	1	46	90468-07M02	CLIP	6
22	6H1-21757-00	WASHER	1	47	90386-03M59	BUSHING	1
23	6H1-24634-00	HOOK, chain ball	1	48	6H1-24217-00	COVER	1
24	6H1-24251-01	STRAINER 1	1	49	90202-05088	WASHER	1
25	90501-14M45	SPRING	1	50	90468-05M03	CLIP	1

Fig. 25 POWER TILT ASS'Y

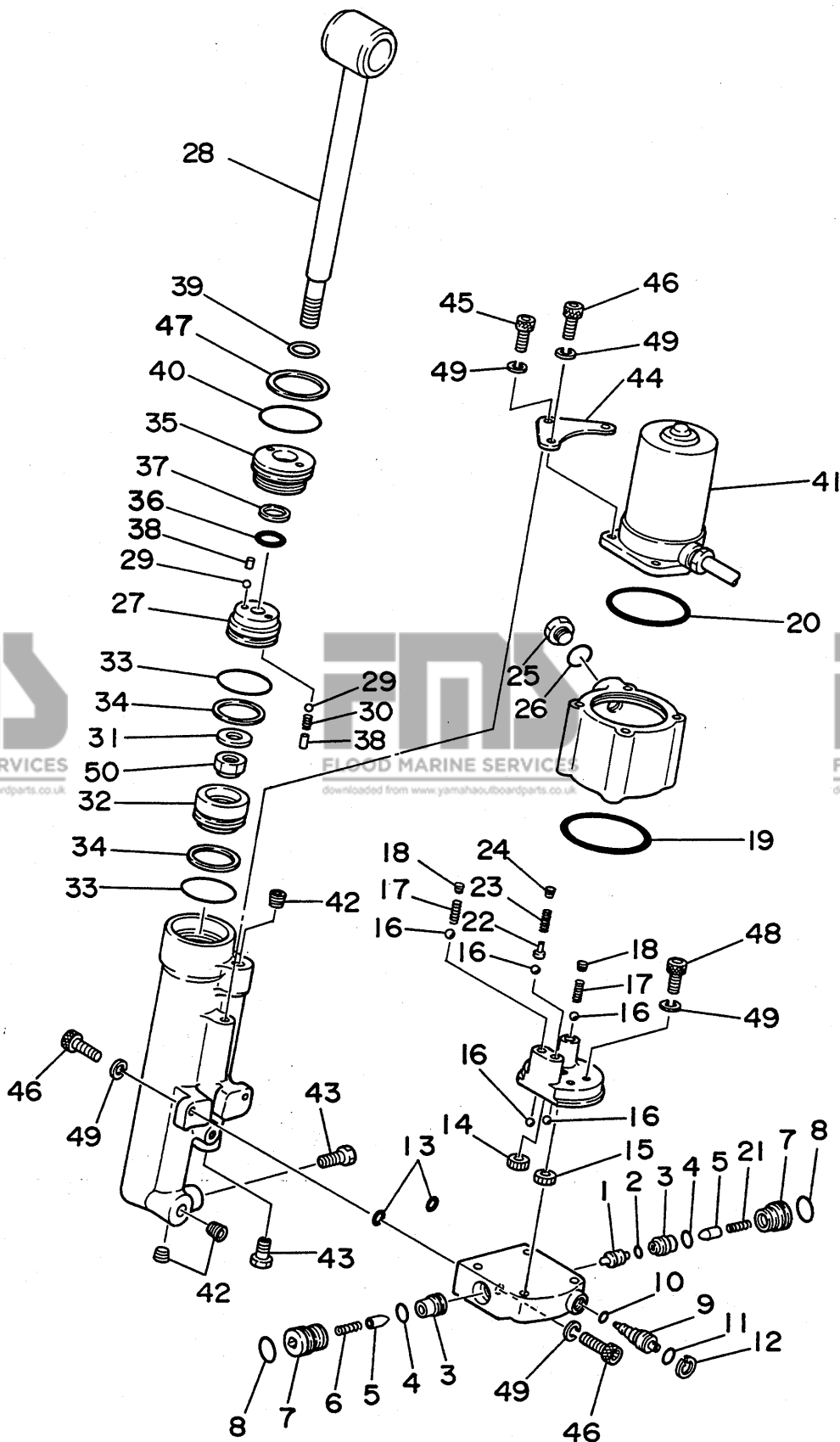


Fig. 25 POWER TILT ASS'Y

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
	6H5-43840-01-EJ	POWER TILT ASS'Y					
		(See Fig. 20, Ref. No. 57)	1				
1	6H5-43841-00	. PISTON, shuttle	1	25	6H5-43829-00	. PLUG, reservoir	1
2	6H5-43861-00	. O-RING 1	1	26	6H5-43865-00	. O-RING 5	1
3	6H5-43891-00	. BUSHING	2	27	6H5-4385A-00	. PISTON, tilt	1
4	6H5-43862-00	. O-RING 2	2	28	6H5-43801-00	. ROD	1
				29	6H5-43858-00	. BALL	5
5	6H5-43849-00	. PIN, valve support	2	30	6H5-43857-00	. SPRING, absorber valve	5
6	6H5-43853-00	. SPRING, main valve	1	31	6H5-43893-00	. WASHER	1
7	6H5-4382E-00	. ADAPTOR 2	2	32	6H5-43814-00	. PISTON, free	1
8	6H5-43863-00	. O-RING 3	2	33	6H5-43883-00	. O-RING 10	2
9	6H5-43846-10	. SCREW, manual valve seat	1	34	6H5-43871-00	. RING, back-up 1	2
10	6H5-43864-00	. O-RING 4	1	35	6H5-4381E-00	. BRACKET	1
11	6H5-43865-00	. O-RING 5	1	36	6H5-43896-00	. O-RING 1	1
12	6H5-43875-00	. RING, snap	1	37	6H5-43873-00	. RING, back-up 3	1
13	6H5-43866-00	. O-RING	2	38	6H5-4381A-00	. SHAFT	5
14	6H5-43837-00	. GEAR, driven	1	39	6H5-43812-00	. SEAL, dust	1
15	6H5-43836-00	. GEAR, drive	1	40	6H5-43897-00	. O-RING 12	1
16	6H5-43858-10	. BALL 1	5	41	6H5-43880-00	. MOTOR ASS'Y	1
17	6H5-43856-00	. SPRING, down relief	2	42	6H5-43826-00	. PLUG, taper screw	3
18	6H5-43844-00	. PIN, valve support	2	43	6H5-43811-00	.SCREW, cylinderend	2
19	6H5-43867-00	. O-RING 7	1	44	6H5-4381F-00	. BRACKET 2	1
20	6H5-43868-00	. O-RING 8	1	45	6H5-43887-00	. BOLT, through	4
21	6H5-43853-10	. SPRING, main valve	1	46	6H5-43886-00	. BOLT	4
22	6H5-43859-00	. PIN, valve support	6	47	6H5-43872-00	. RING, back-up 2	1
23	6H5-43855-01	. SPRING, up relief	1	48	91316-06020	. BOLT	4
24	6H5-4386F-00	. PIN, straight	1	49	92990-06100	. WASHER	12
				50	95600-12100	. NUT	1

Fig. 26 REPAIR KIT I

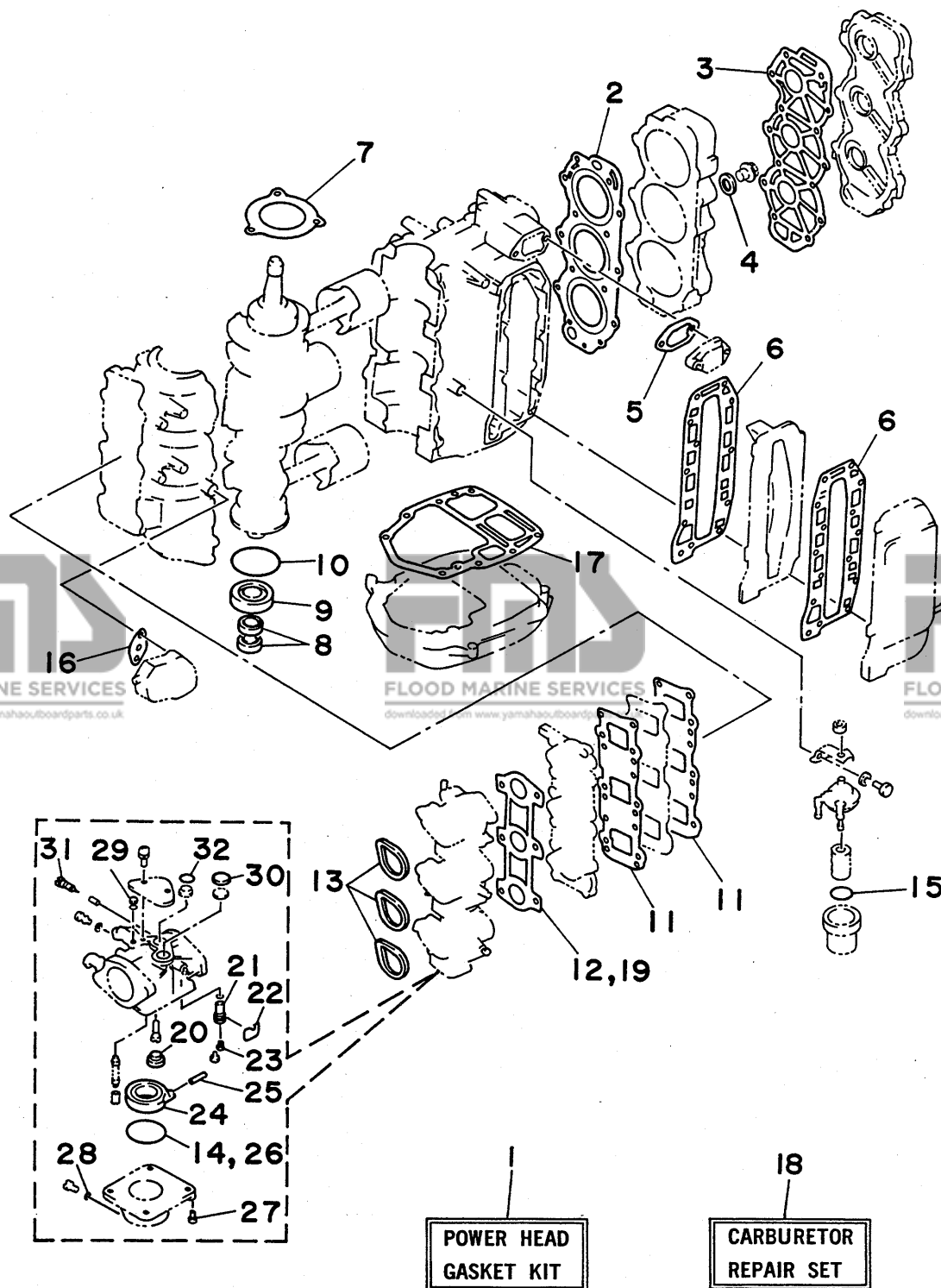


Fig. 26 REPAIR KIT 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-W0001-00	POWER HEAD GASKET KIT	1	17	6H4-45113-00	. GASKET, upper casing	1
2	6H4-11181-00	. GASKET, cylinder head	1	18	6H4-W0093-01	CARBURETOR REPAIR SET	1
3	6H4-11193-00	. GASKET, head cover	1	19	6H4-14198-00	. GASKET	1
4	90430-14115	. GASKET	1	20	676-14966-00	. CAP	3
5	6H4-12414-00	. GASKET, thermostat	1	21	6H3-14590-00	. VALVE SEAT ASS'Y	3
6	6H4-41114-00	. GASKET, exhaust cover	2	22	663-14159-00	. CLIP	3
7	6H4-15369-00	. GASKET, oil seal housing	1	23	676-14186-00	. PIN, valve	3
8	93104-16M01	. OIL SEAL	2	24	6G1-14985-00	. FLOAT COMP.	3
9	93102-25M28	. OIL SEAL	1	25	688-14548-00	. PIN, float	3
10	93210-58M21	. O-RING	1	26	6G1-14984-00	. O-RING	3
11	6H4-13621-00	. PACKING, valve seat	2	27	90159-04M00	. SCREW, with washer	3
12	6H4-14198-00	. GASKET	1	28	93210-04230	. O-RING	3
13	6H3-14457-00	. SEAL	3	29	663-14126-00	. PACKING	3
14	6G1-14984-00	. O-RING	3	30	688-14126-00	. PACKING	3
15	93210-37M25	. O-RING	1	31	692-14923-00	. SCREW, adjusting	3
16	650-24431-00	. GASKET, fuel pump	1	32	93210-15M52	. O-RING	3

Fig. 27 REPAIR KIT 2

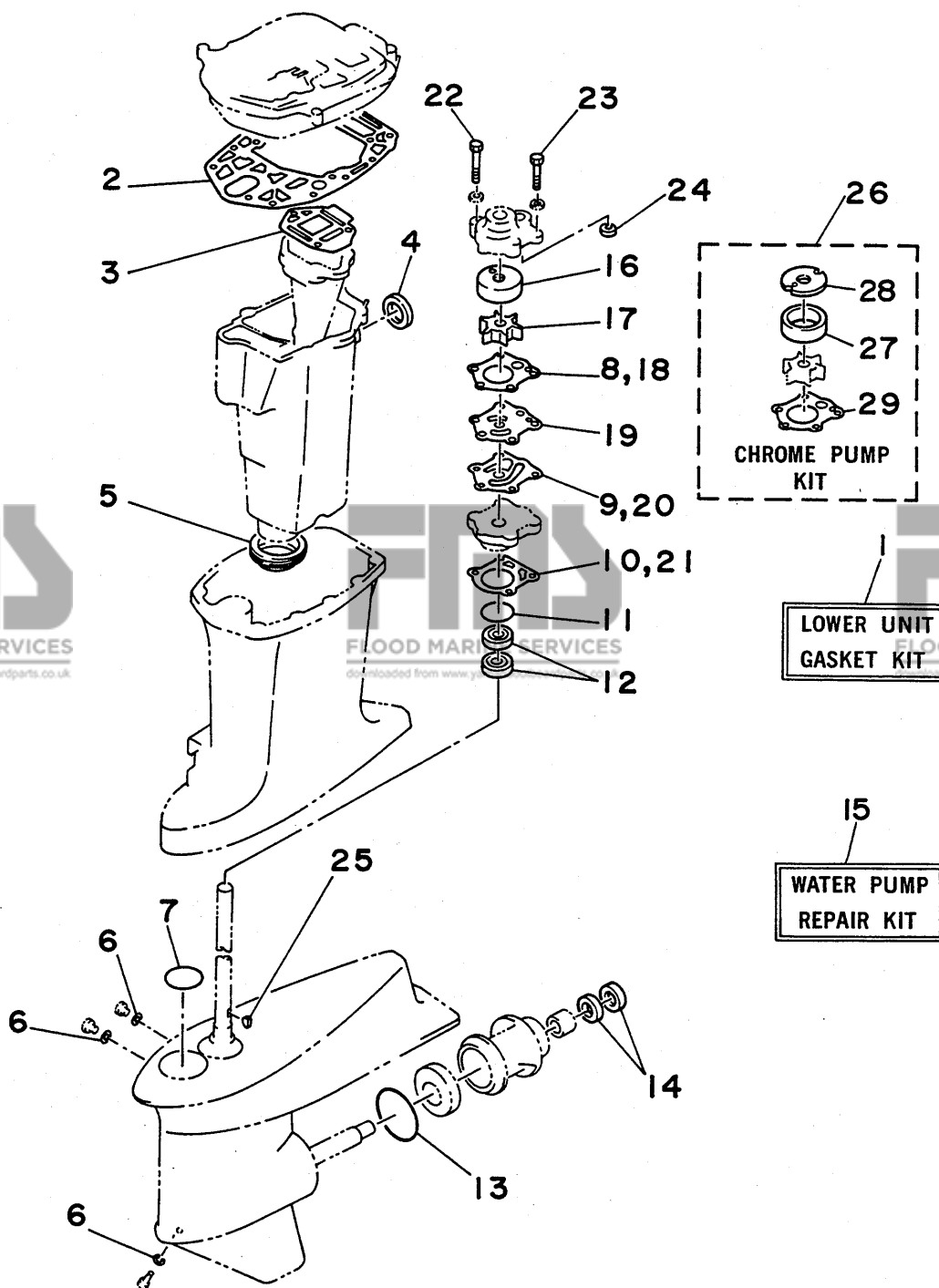


Fig. 27 REPAIR KIT 2

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 2	1	17	6H4-44352-00	. IMPELLER	1
3	6H4-41134-00	. GASKET, exhaust manifold 2	1	18	663-44315-00	. GASKET, water pump 1	1
4	6H4-41133-00	. GASKET, exhaust manifold	1	19	663-44323-00	. OUTER PLATE, cartridge	1
5	663-45123-00	. GASKET, muffler	1	20	663-44324-00	. GASKET, cartridge outer plate	1
6	90430-08020	. GASKET	3	21	663-44316-00	. GASKET, water pump 2	1
7	93210-49046	. O-RING	1	22	97395-08055	. BOLT	2
8	663-44315-00	. GASKET, water pump 1	1	23	97395-08045	. BOLT	2
9	663-44324-00	. GASKET, cartridge outer plate	1	24	663-44366-00	. DAMPER, water seal 2	1
10	663-44316-00	. GASKET, water pump 2	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				



50D(6H5)

50D



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Fig. 1 CRANKCASE & CYLINDER

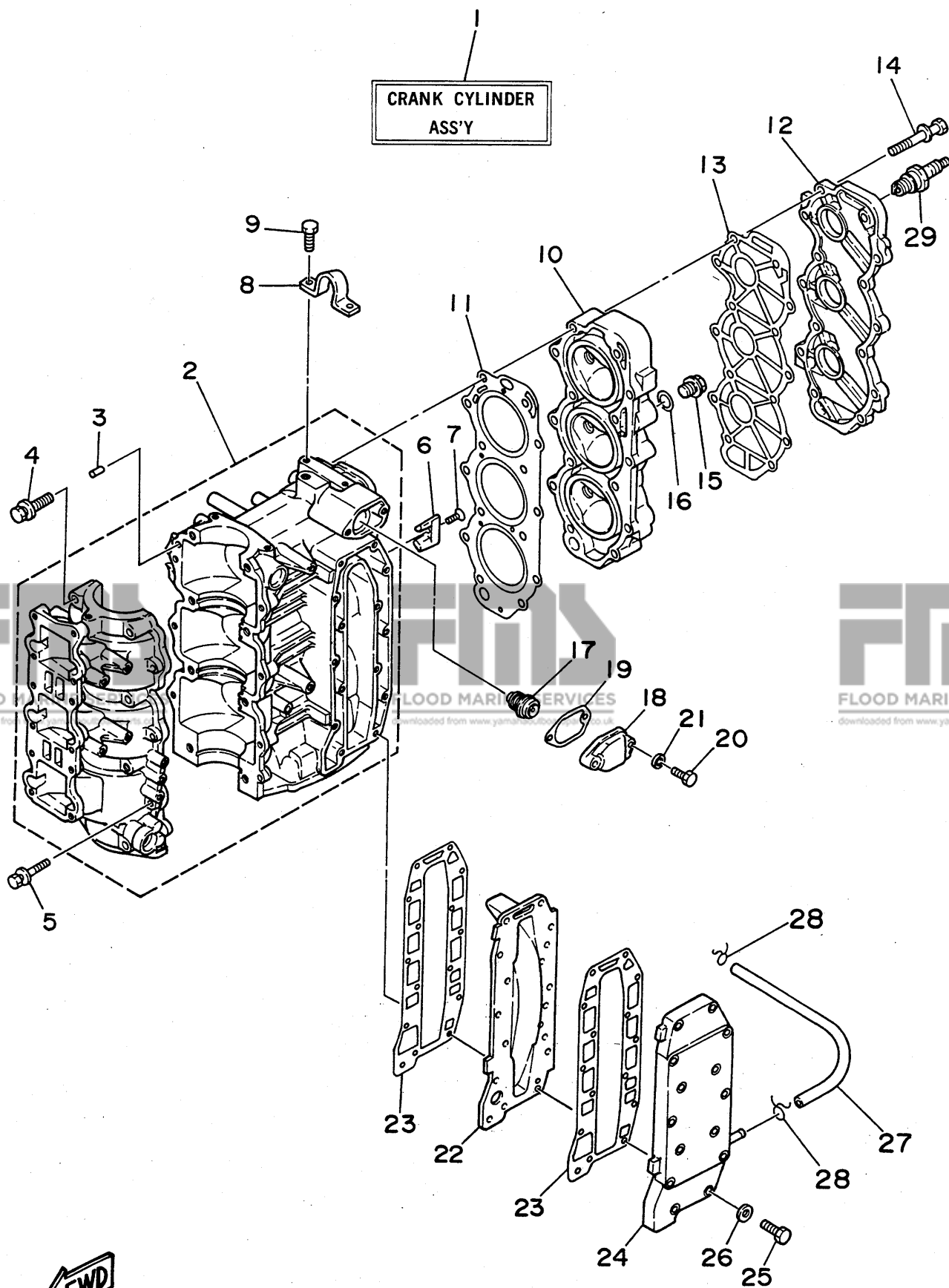


Fig. 1 CRANKCASE & CYLINDER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-W0090-11-EJ	CRANK CYLINDER ASS'Y (Ref. No. 2 to 28 and Fig. 2, Ref. No. 1 to 20)	1	15	90340-14M00	PLUG, straight screw	1
2	6H4-15100-10-94	CRANKCASE ASS'Y	1	16	90430-14115	GASKET	1
3	93606-12019	PIN, dowel	2	17	6E5-12411-10	THERMOSTAT	1
4	90119-08M19	BOLT, with washer	8	18	6H4-12413-00-9M	COVER, thermostat	1
5	90119-06M13	BOLT, with washer	6	19	6H4-12414-00	GASKET, thermostat	1
6	688-11325-00	ANODE	2	20	97313-06025	BOLT	2
7	98680-04016	SCREW, flathead	2	21	92903-06600	WASHER	2
8	6H4-11119-00	HANGER, engine	1	22	6H4-41111-00-9M	INNER COVER, exhaust	1
9	97313-06014	BOLT	2	23	6H4-41114-00	GASKET, exhaust cover	2
10	6H4-11111-00-94	HEAD, cylinder	1	24	6H4-41113-00-9M	OUTER COVER, exhaust	1
11	6H4-11181-00	GASKET, cylinder head	1	25	97395-06035	BOLT	14
12	6H4-11191-00-9M	COVER, cylinder head	1	26	92990-06600	WASHER	14
13	6H4-11193-00	GASKET, head cover	1	27	90445-09M37	HOSE 2	1
14	90119-08M29	BOLT, with washer	14	28	90467-08004	CLIP	2
				29	94702-00247	PLUG, spark (BR8HS 10) NGK	3

Fig. 2 CRANK & PISTON

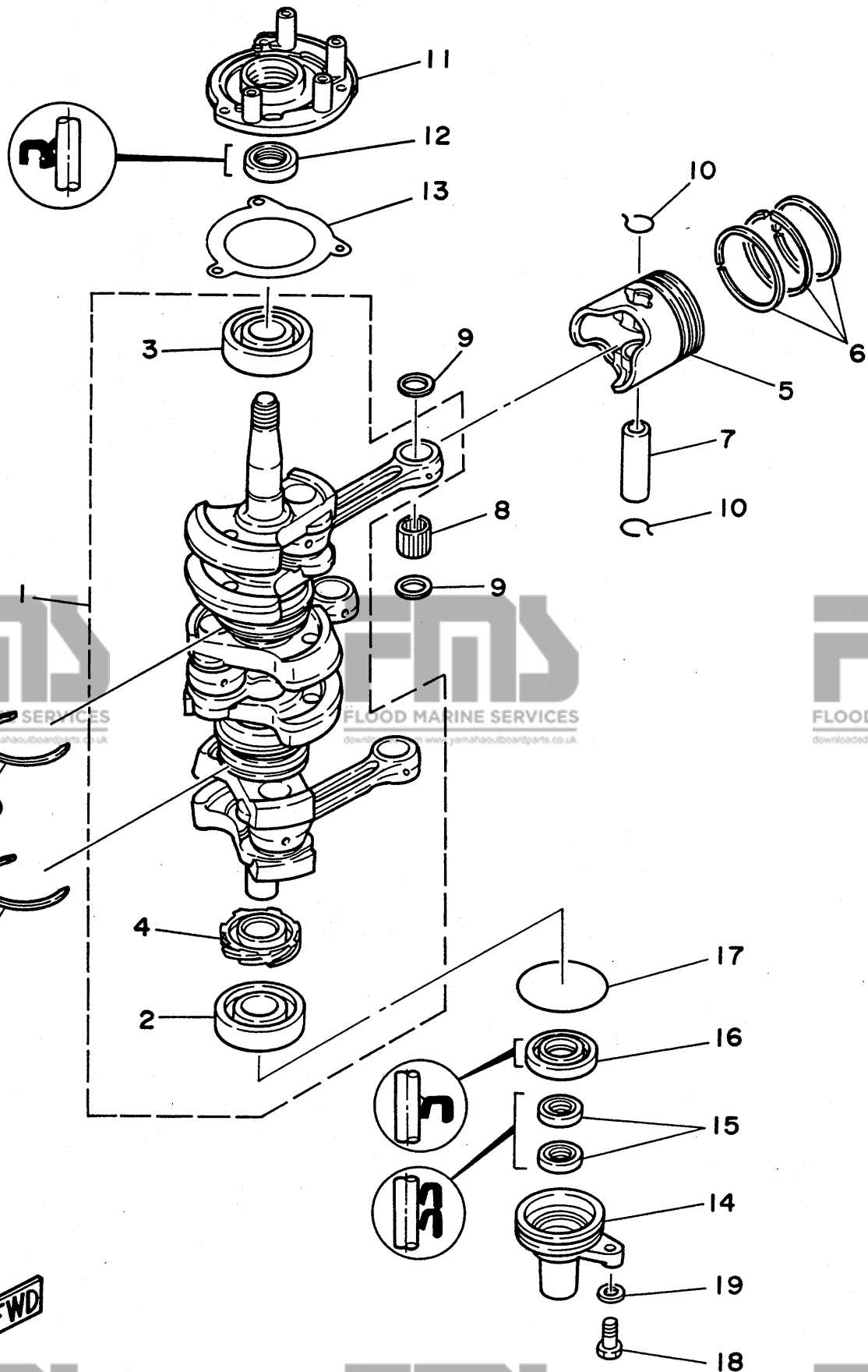


Fig. 2 CRANK & PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-11400-12	CRANK ASS'Y	1	9	6H4-11641-00	WASHER, piston pin	6
2	93306-30510	. BEARING	1	10	6H4-11634-00	CLIP, piston pin	6
3	93306-305U2	. BEARING	1	11	6H4-15359-01-94	HOUSING, oil seal	1
4	6H4-11536-00	. GEAR, drive	1	12	93102-23096	OIL SEAL	1
5	6H4-11631-00-96	PISTON (S.T.D.)	3	13	6H4-15369-00	GASKET, oil seal housing	1
	6H4-11635-00	PISTON (1st O.S.)	3 A.P.	14	6H4-15396-02-9M	HOUSING, oil seal	1
	6H4-11636-00	PISTON (2nd O.S.)	3 A.P.	15	93104-16M01	OIL SEAL	2
6	6H4-11610-00	PISTON RING SET (S.T.D.)	3	16	93102-25M28	OIL SEAL	1
	6H4-11610-10	PISTON RING SET (1st O.S.)	3 A.P.	17	93210-58M21	O-RING	1
	6H4-11610-20	PISTON RING SET (2nd O.S.)	3 A.P.	18	97313-06020	BOLT	1
7	648-11633-00	PIN, piston	3	19	92990-06600	WASHER	1
8	93602-20M02	PIN, dowel B	93	20	93440-62057	CIRCLIP	2

Fig. 3 INTAKE

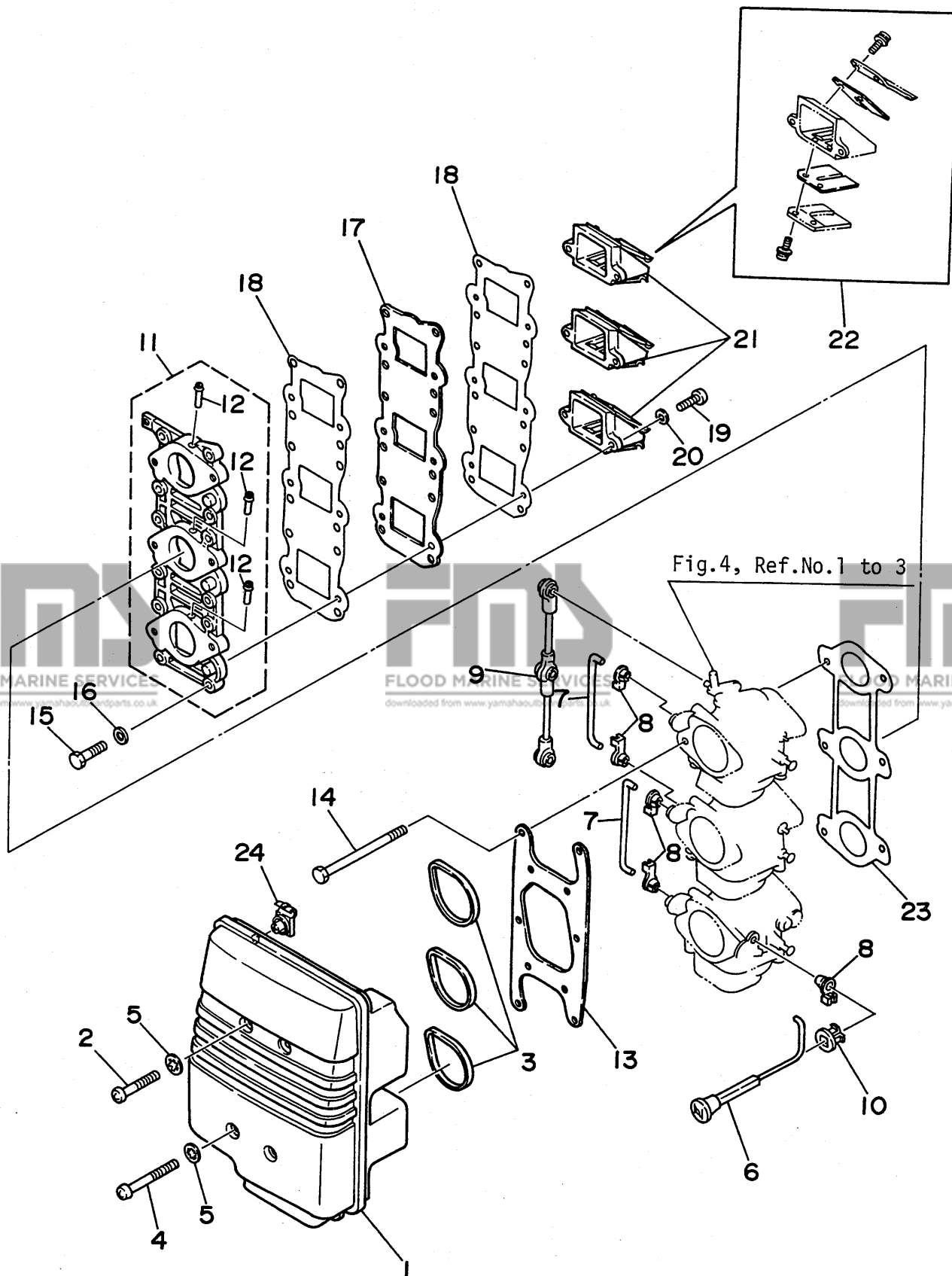


Fig. 3 INTAKE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-14431-10	SILENCER 1 (50DRO Model)	1 U.R.	13	6H4-14406-00	HINGE	1
	6H4-14431-00	SILENCER 1 (50DE0/50DETO Model)	1 U.R.	14	97313-06095	BOLT	6
2	97803-06040	SCREW	2	15	97313-06025	BOLT	12
3	6H3-14457-00	SEAL	3	16	92903-06600	WASHER	12
4	97803-06055	SCREW	2	17	6H4-13624-00-94	PLATE, reed valve	1
5	90209-06M05	WASHER	4	18	6H4-13621-00	PACKING, valve seat	2
6	6H4-41271-00	KNOB, choke	1	19	97803-05014	SCREW, panhead	6
7	6H4-41257-00	ROD, choke link 2	2	20	92903-05600	WASHER	6
8	661-41262-02	JOINT, choke lever	5	21	6H5-13610-00	REED VALVE ASS'Y	3
9	6H4-41217-00	ROD, accel. lever 1	1	22	6H4-W0004-00	. REED SET	1
10	689-41273-00	GROMMET	1	23	6H4-14198-00	GASKET	1
11	6H4-13641-11-94	MANIFOLD, intake 1	1	24	90464-06M19	CLAMP (50DRO Model)	1
12	6H1-14485-00	. PIPE, joint	3				

Fig. 4 CARBURETOR

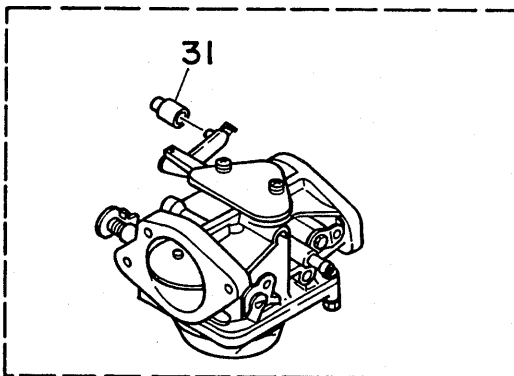
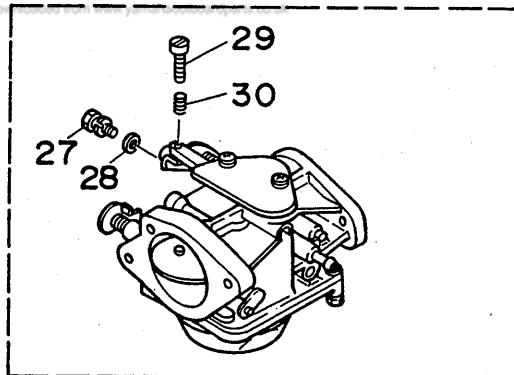
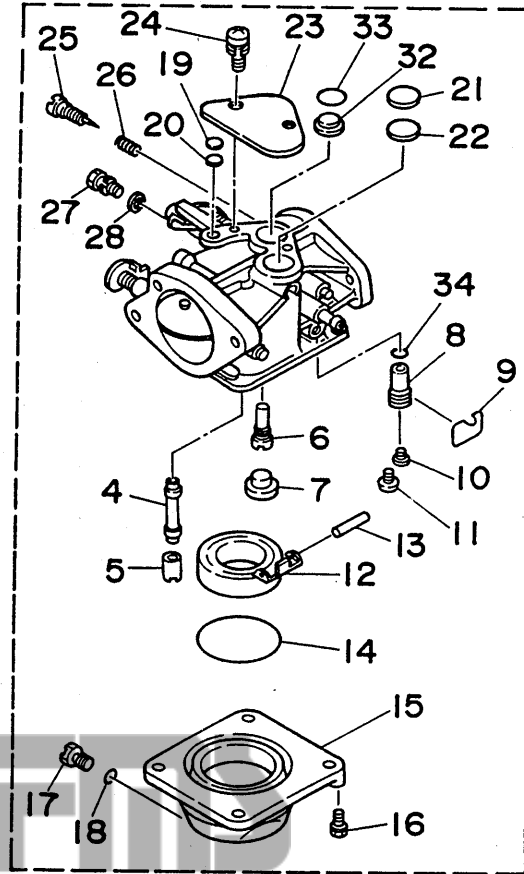
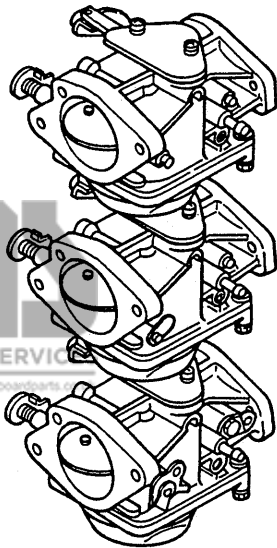


Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-14301-05	CARBURETOR ASS'Y (Upper)	1	18	93210-04230	. O-RING	3
2	6H5-14302-05	CARBURETOR ASS'Y (Center)	1	19	663-14126-00	. PACKING	3
3	6H5-14303-05	CARBURETOR ASS'Y (Lower)	1	20	663-14527-00	. PLATE	3
4	6H5-14947-05	. NOZZLE, main	3	21	688-14126-00	. PACKING	3
5	676-14943-33	. JET, main (#130)	3	22	688-14527-00	. PLATE	3
6	6H5-14948-15	. JET, slow (#70)	3	23	6H2-14527-00	. PLATE	3
7	676-14966-00	. CAP	3	24	90159-05017	. SCREW, with washer	6
8	6H3-14590-00	. VALVE SEAT ASS'Y	3	25	692-14923-00	. SCREW, adjusting	3
9	663-14159-00	. CLIP	3	26	679-14555-00	. SPRING, compression	3
10	676-14186-00	. PIN, valve	3	27	663-14592-00	. SCREW (Upper, Center)	2
11	98502-04008	. SCREW, panhead	3	28	90201-05652	. WASHER (Upper, Center)	2
12	661-14985-00	. FLOAT COMP.	3	29	663-14523-00	. SCREW, stop (Center)	1
13	688-14548-00	. PIN, float	3	30	90501-10326	. SPRING, compression (Center)	1
14	6G1-14984-00	. O-RING	3	31	676-14578-00	. COLLAR (Lower)	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 ST

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Fig. 5 STARTER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-15710-00-94	STARTER ASS'Y	1	24	6H4-15787-00	. STAY	1
2	6H4-15711-01-94	. CASE, starter	1	25	689-15779-01	. COVER	1
3	91690-40018	. PIN, spring	1	26	97313-06035	BOLT	3
4	90510-08002	. SPRING, spiral	1	27	92903-06600	WASHER	3
5	6H4-15714-00	. DRUM, sheave	1	28	91830-21014	PIN, dowel A	1
6	676-15741-03	. PAWL, drive	1	29	6H4-15723-00-94	PULLEY, starter	1
7	93430-06M02	. CIRCLIP	1	30	97313-08016	BOLT	3
8	6H4-15705-00	. SPRING, pawl drive	1	31	92903-08600	WASHER	3
9	6H4-15717-00	. SHAFT	1	32	6H4-15771-00-94	STAY 1	1
10	90201-06060	. WASHER	1	33	97313-08030	BOLT	2
11	97313-06020	. BOLT	1	34	92903-08600	WASHER	2
12	95303-06600	. NUT	1	35	6H4-15772-00-94	STAY 2	1
13	6H4-15758-00-94	. GUIDE, wire	1	36	97313-06025	BOLT	3
14	97313-06016	. BOLT	2	37	92903-06600	WASHER	3
15	92903-06600	. WASHER	2	38	6H4-15747-10	LINK	1
16	6H4-15762-00	. SEAL 2	1	39	90109-06M04	BOLT	1
17	6A0-15789-00	. DAMPER	1	40	6H4-15746-00	ARM	1
18	619-15755-01	. HANDLE, starter	1	41	6H4-15770-10	WIRE COMP., starter stop	1
19	#	. WIRE (2095mm)	1	42	6H4-15774-10	STAY 4	1
20	6H4-15752-00	. ROLLAR, wire	1	43	97313-06012	BOLT	1
21	90387-06M66	. COLLAR	1	44	656-15748-00	PLUNGER, starter stop	1
22	97313-06035	. BOLT	1	45	90501-10227	SPRING, compression	1
23	95380-06600	. NUT	1	46	661-41262-02	JOINT, choke lever	2

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

Fig. 6 FUEL

Fig.4, Ref.No.1 to 3

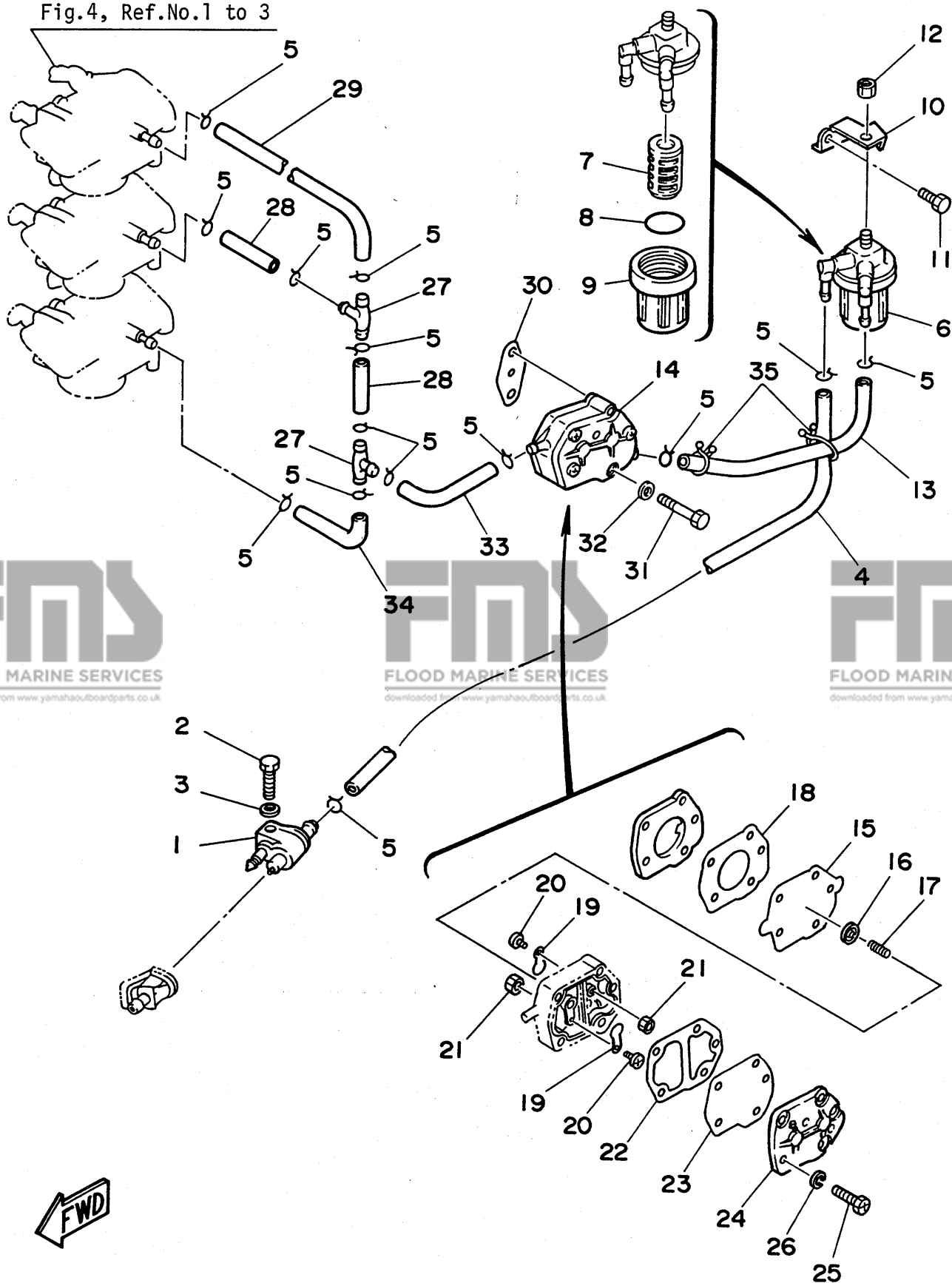


Fig. 6 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G1-24304-01	FUEL PIPE JOINT COMP. 1	1	19	6A0-24421-01	. VALVE, check	2
2	97313-06025	BOLT	1	20	90147-03M00	. SCREW, panhead	2
3	92903-06600	WASHER	1	21	98813-03100	. NUT	2
4	6H4-24311-00	PIPE 1	1	22	648-24435-02	. GASKET, body 2	1
5	90467-08004	CLIP	14	23	663-24411-00	. DIAPHRAGM, pump	1
6	655-24560-01	FILTER ASS'Y	1	24	6A0-24413-00	. COVER, pump	1
7	6F5-24563-00	. ELEMENT, filter	1	25	98503-05028	. SCREW, panhead	3
8	93210-37M25	. O-RING	1	26	92990-05100	. WASHER	3
9	655-24521-01	. CUP, filter	1	27	688-24378-00	PIPE, joint	2
10	6H4-24566-01	BRACKET, filter	1	28	90445-09057	HOSE	2
11	97313-06012	BOLT	1	29	6H4-24313-00	PIPE 3	1
12	95303-08600	NUT	1	30	650-24431-00	GASKET, fuel pump	1
13	6H4-24314-00	HOSE	1	31	97313-06040	BOLT	2
14	6A0-24410-02	FUEL PUMP ASS'Y	1	32	92903-06600	WASHER	2
15	648-24411-00	. DIAPHRAGM	1	33	90445-09063	HOSE 3	1
16	648-24424-00	. PLATE, spring guide	1	34	6H4-24312-00	PIPE 2	1
17	648-24423-00	. SPRING, diaphragm	1	35	90464-15M11	CLAMP	2
18	648-24434-00	. GASKET, body 1	1				

Fig. 7 TOP COWLING

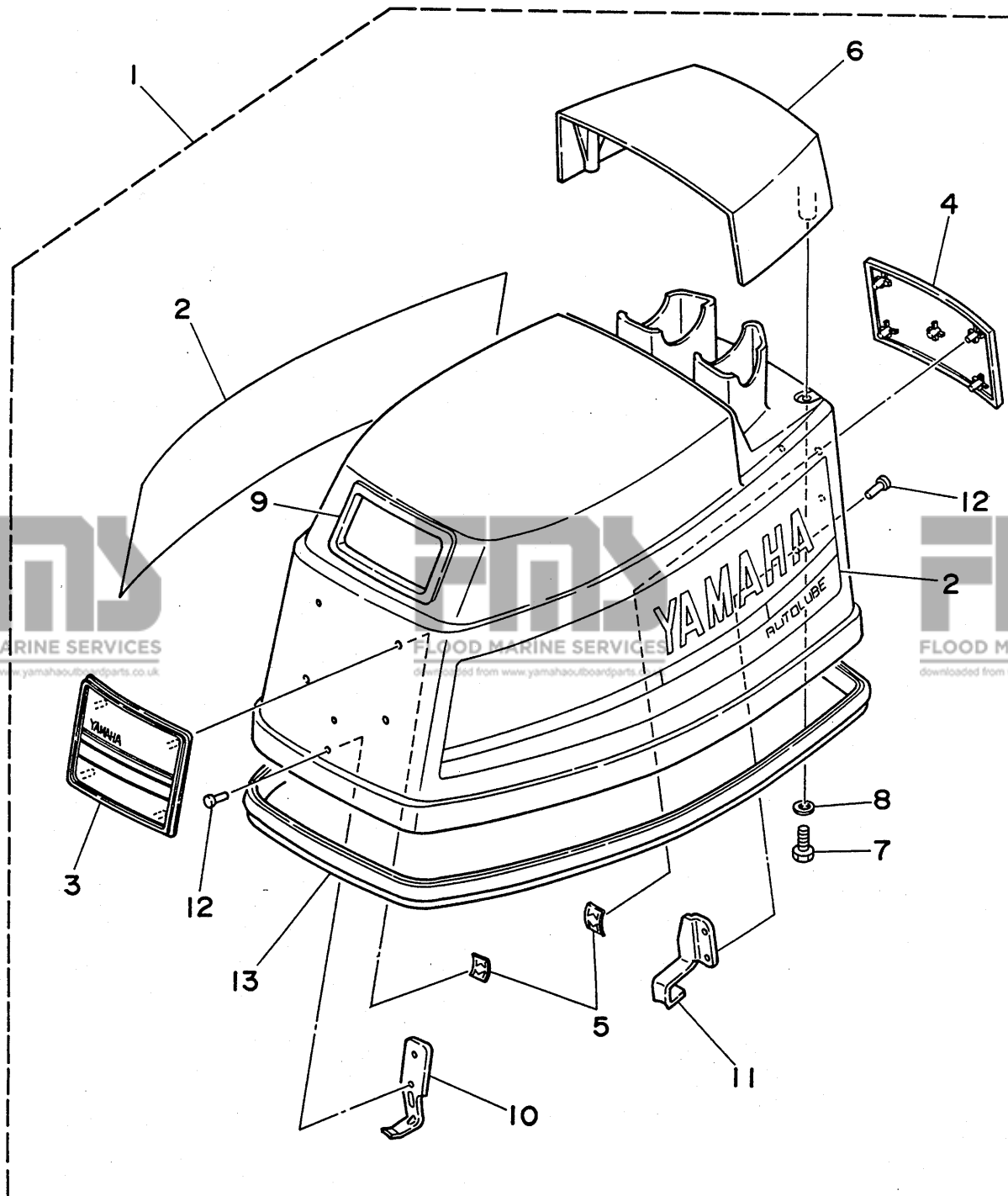


Fig. 7 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-42610-N1-EJ	TOP COWLING ASS'Y (50DRO Model)	1	8	92903-06600	. WASHER	4
2	6H4-W0070-N1	. GRAPHIC SIDE SET	1	9	6H4-15761-00	. SEAL 1	1
3	6H5-42686-00	. EMBLEM, front	1	10	6H4-42651-00	. HOOK 1	1
4	6H5-42687-00	. EMBLEM, rear	1	11	6H4-42652-00	. HOOK 2	1
5	90183-05M01	. NUT, spring	10	12	90266-04M01	. RIVET	4
6	6H4-42613-00-EJ	. MOLDING, air duct	1	13	6H4-42615-00	. SEAL	1
7	97313-06016	. BOLT	4				

Fig. 8 BOTTOM COWLING

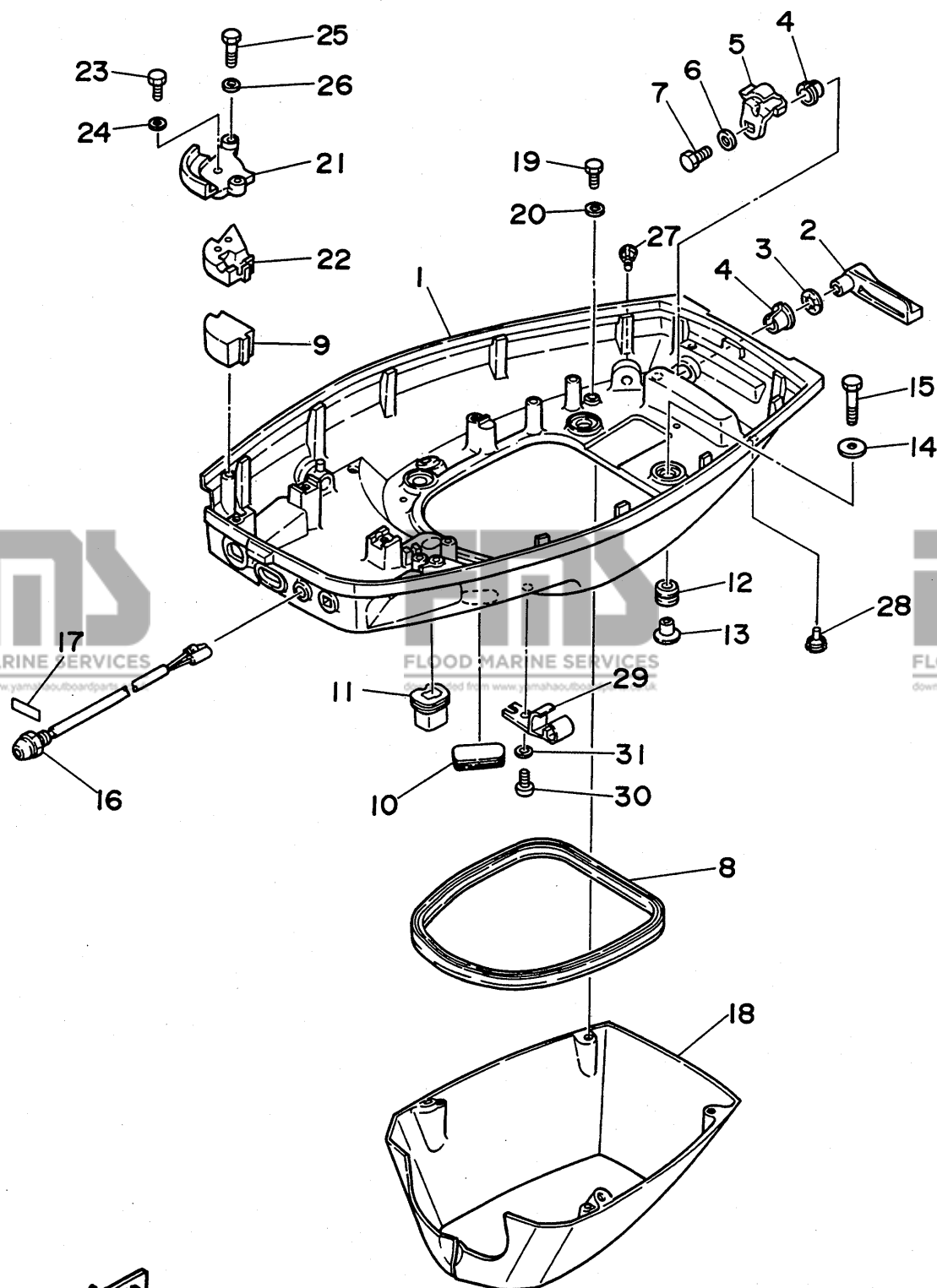


Fig. 8 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-42711-02-EJ	COWLING, bottom (50DRO/50DE0 Model)	1 U.R.	15	97313-06030	BOLT	4
	6H4-42711-20-EJ	COWLING, bottom (50DETO Model)	1 U.R.	16	6J8-85410-00	OVERHEAT WARNING LAMP	1
2	6H4-42815-00	LEVER, clamp	1	17	6H4-85415-10	MARK	1
3	90206-12052	WASHER	1	18	6H4-42741-20	APRON 1	1
4	90386-12069	BUSHING	2	19	97313-06016	BOLT	4
5	6H4-42816-00	LEVER, clamp	1	20	92903-06600	WASHER	4
6	90201-06068	WASHER	1	21	6H4-48531-10-94	BRACKET, remote control 1	1
7	97313-06010	BOLT	1	22	6H4-48532-10-94	BRACKET, remote control 2	1
8	6H4-42716-00	SEAL 1	1	23	97313-05016	BOLT	1
9	6H4-42724-00	GROMMET 1	1	24	92903-05600	WASHER	1
10	6H4-42726-00	GROMMET 3 (50DRO/50DE0 Model)	1 U.R.	25	97313-06020	BOLT	2
	688-42726-10	GROMMET 3 (50DETO Model)	1 U.R.	26	92903-06600	WASHER	2
11	682-42727-00	GROMMET 4	1	27	6E5-44391-00	NIPPLE, hose 1	1
12	90480-09M21	GROMMET	4	28	6H4-42748-00	GROMMET	2
13	90387-06M41	COLLAR	4	29	6E5-24367-01	CLAMP, fuel pipe (50DETO Model)	1
14	90201-06416	WASHER	4	30	90157-06M01	SCREW (50DETO Model)	1
				31	92990-06600	WASHER (50DETO Model)	1

Fig. 9 BRACKET

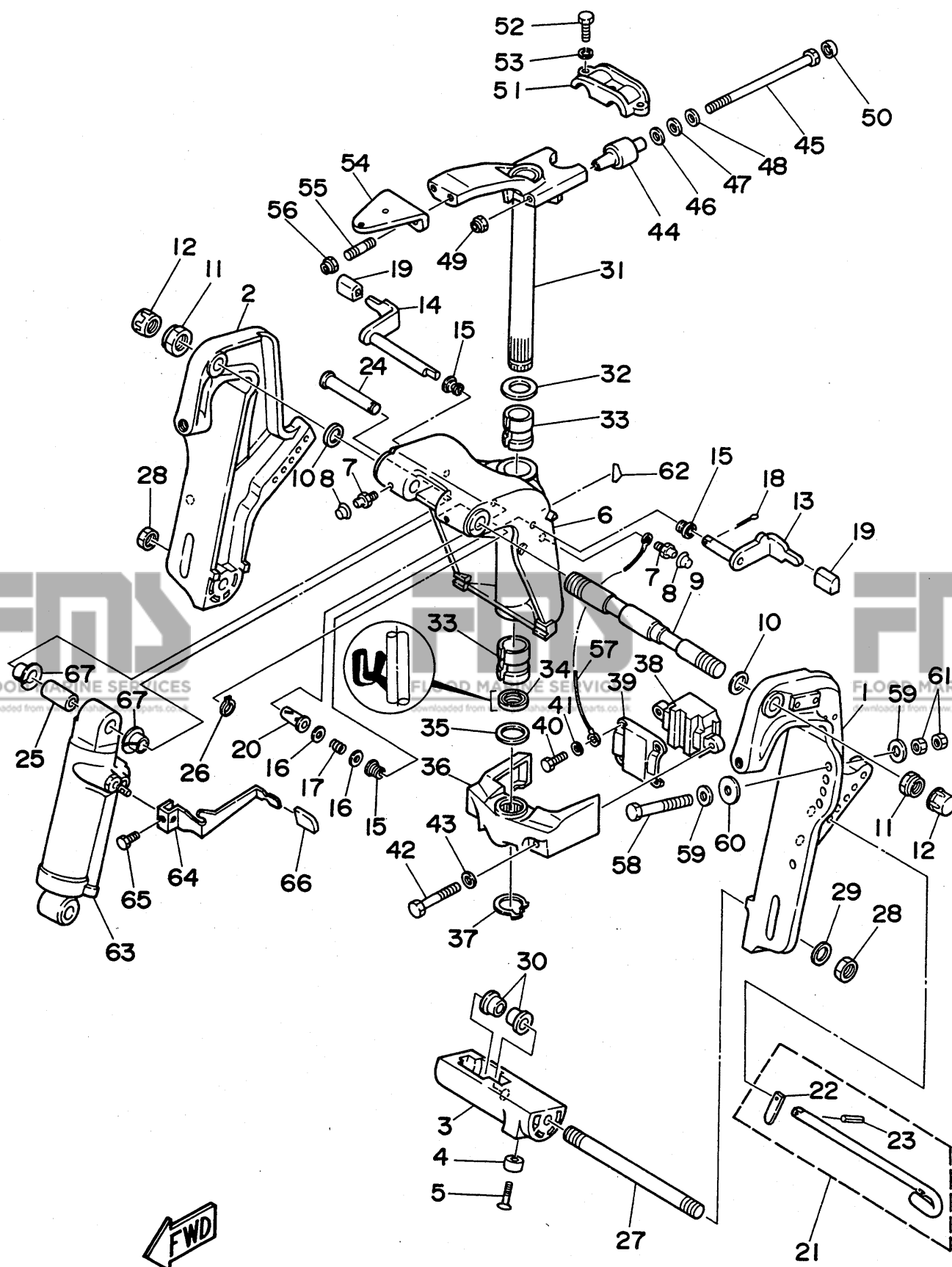


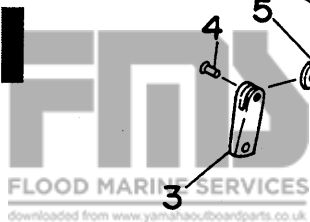
Fig. 9 BRACKET

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-43111-01-EJ	BRACKET, clamp 1	1	35	90201-31418	WASHER, plate	1
2	6H5-43112-01-EJ	BRACKET, clamp 2	1	36	6H4-44551-01-EJ	HOUSING, lower mount	1
3	6H5-43128-00-EJ	SPACER, clamp bracket	1	37	93410-28M06	CIRCLIP	1
4	688-45251-01	ANODE	1	38	6H4-44557-00	MOUNT RUBBER, lower front (Short)	1 U.R.
5	92180-06025	SCREW	1		6H4-44557-10	MOUNT RUBBER, lower front (Long)	1 U.R.
6	6H5-43311-00-EJ	BRACKET, swivel	1	39	6H4-44553-00	COVER, lower mount	1
7	93700-06004	NIPPLE, grease	3	40	97395-08025	BOLT	4
8	663-45119-00	CAP, grease nipple	3	41	92990-08600	WASHER	4
9	663-43131-00	BOLT, clamp bracket	1	42	97395-10060	BOLT	2
10	90201-22428	WASHER	2	43	92990-10600	WASHER	2
11	90185-22043	NUT, self-locking	2	44	6H4-44514-00	MOUNT RUBBER, upper side	2
12	663-43145-00	CAP, clamp bracket	2	45	90101-08M86	BOLT	2
13	6H5-43181-00	LEVER, tilt stop 1	1	46	90201-15M98	WASHER	2
14	6H5-43185-00	LEVER, tilt stop 2	1	47	90202-15M30	WASHER	2
15	90386-10M16	BUSHING	3	48	90201-09425	WASHER	2
16	92990-10200	WASHER	2	49	90185-08045	NUT, self-locking	2
17	90501-10M21	SPRING	1	50	663-44533-00	DAMPER, upper mount rubber	2
18	91490-30025	PIN, cotter	1	51	6H4-44511-00-EJ	COVER, upper mount rubber	1
19	663-43318-00	COVER	2	52	97375-08035	BOLT	3
20	90386-10M19	BUSHING	1	53	92990-08100	WASHER	3
21	676-43160-01	TILT ROD ASS'Y	1	54	6H4-48511-50-EJ	HOOK, steering	1
22	676-43165-00	. STOPPER, plate	1	55	90116-10175	BOLT, stud	2
23	91690-30010	. PIN, spring	1	56	90185-10051	NUT	2
24	6H5-43126-01	PIN, upper shock mount	1	57	6H5-82127-00	WIRE, lead 3	1
25	90386-12M65	BUSHING	1	58	90101-12M65	BOLT	4
26	93410-12M08	CIRCLIP	1	59	92990-12200	WASHER	8
27	90116-18M21	BOLT, stud	1	60	90201-12426	WASHER	4
28	90170-18M10	NUT	2	61	95380-12600	NUT	8
29	92990-18600	WASHER	1	62	688-43691-01	INDICATOR, tilt	1
30	90386-18M44	BUSHING	2	63	6H5-43170-01-EJ	SHOCK ABSORBER ASS'Y	1
31	6H4-42510-00-EJ	BRACKET STEERING ASS'Y	1	64	6H5-43631-00	LEVER, tilt	1
32	90201-30420	WASHER	1	65	97380-06010	BOLT	1
33	90386-30048	BUSHING	2	66	682-43318-01	COVER	1
34	93109-30M03	OIL SEAL	1	67	90386-12M64	BUSHING	2

Fig. 10 B

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Fig. 10 BRACKET 1 (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	1	27	93410-28M06	CIRCLIP	1
2	6H4-43112-03-EJ	BRACKET, clamp 2	1	28	6H4-42121-01-94	BRACKET	1
3	616-43118-00-EJ	HANDLE, transom clamp	2	29	90116-10175	BOLT, stud	2
4	90243-04001	PIN	2	30	90185-10051	NUT, self-locking	2
5	90149-14M03	SCREW	2	31	6H4-44557-00	MOUNT RUBBER, lower front (Short)	1 U.R.
6	648-43114-01	PAD, transom clamp	2		6H4-44557-10	MOUNT RUBBER, lower front (Long)	1 U.R.
7	663-43131-00	BOLT, clamp bracket	1	32	6H4-44553-00	COVER, lower mount	1
8	90201-22428	WASHER	2	33	97395-08025	BOLT	4
9	90185-22043	NUT, self-locking	2	34	92990-08600	WASHER	4
10	663-43145-00	CAP, clamp bracket	2	35	97395-10060	BOLT	2
11	90101-08339	BOLT	1	36	92990-10600	WASHER	2
12	90387-09074	COLLAR	1	37	6H4-44514-00	MOUNT RUBBER, upper side	2
13	92990-08600	WASHER	1	38	90101-08M86	BOLT	2
14	95380-08600	NUT	1	39	90201-15M98	WASHER	2
15	6H4-43311-00-EJ	BRACKET, swivel	1	40	90202-15M30	WASHER	2
16	93700-06004	NIPPLE, grease	3	41	90201-09425	WASHER	2
17	663-45119-00	CAP, grease nipple	3	42	90185-08045	NUT, self-locking	2
18	6H4-42528-00	PIECE, friction	1	43	663-44533-00	DAMPER, upper mount rubber	2
19	689-43373-01	DAMPER	1	44	6H4-44511-00-EJ	COVER, upper mount rubber	1
20	90105-06M18	BOLT	1	45	97375-08035	BOLT	3
21	6H4-42510-00-EJ	STEERING BRACKET ASS'Y	1	46	92990-08100	WASHER	3
22	90386-30048	BUSHING	2	47	90101-10M58	BOLT	4
23	90201-30420	WASHER	1	48	92990-10600	WASHER	8
24	93210-29375	O-RING	1	49	90201-12426	WASHER	4
25	90386-30M60	BUSHING	1	50	95380-10600	NUT	8
26	6H4-44551-01-EJ	HOUSING, lower mount	1				

Fig. 11 BRACKET 2 (50DRO SHORT TRANSOM)

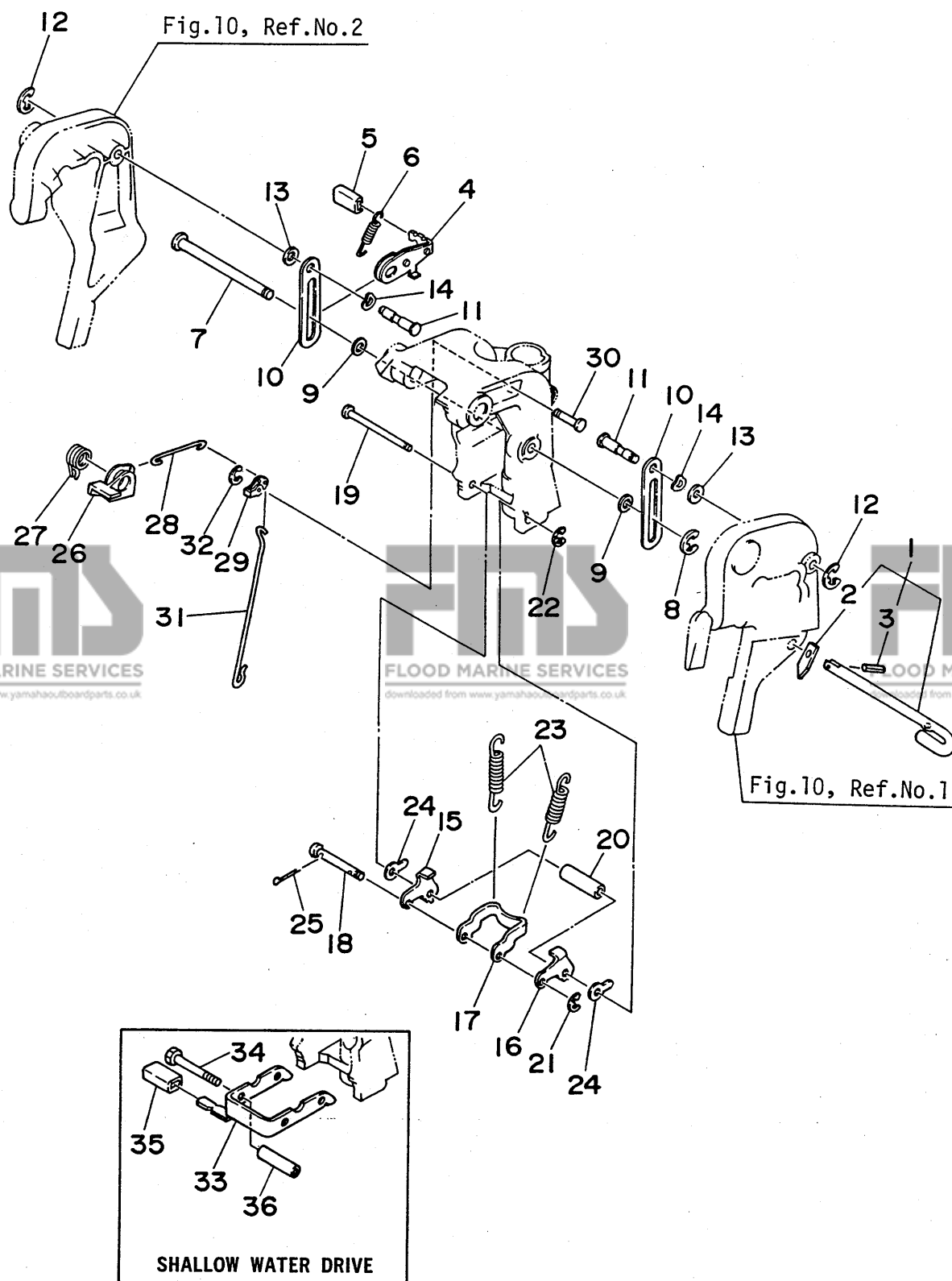


Fig. 11 BRACKET 2 (50DRO SHORT TRANSOM)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-43160-00	TILT ROD ASS'Y	1	19	6J8-43611-00	SHAFT, tilt lock	1
2	676-43165-00	. PLATE, tilt lock	1	20	90387-07M64	COLLAR	1
3	91690-30010	. PIN, spring	1	21	93430-06M02	CIRCLIP	1
4	6J8-43181-00	LEVER, tilt stop	1	22	93430-05027	CIRCLIP	1
5	682-43318-01	COVER	1	23	90506-32M22	SPRING, tension	2
6	90506-12M25	SPRING, tension	1	24	6H4-43674-00	WASHER (Without Shallow Water Drive)	2
7	90249-12M17	PIN	1	25	91490-20015	PIN, cotter	2
8	93430-10M00	CIRCLIP	1	26	6H4-43631-01	LEVER, tilt	1
9	90202-12031	WASHER, plate	2	27	689-43643-00	SPRING	1
10	6J8-43627-00	STOPPER	2	28	6H4-43616-00	ROD, tilt lock	1
11	90249-12M14	PIN	2	29	682-43641-00	LEVER, tilt	1
12	93430-10M00	CIRCLIP	2	30	90249-06117	PIN	1
13	90202-12031	WASHER, plate	2	31	6J8-43617-00	ROD, tilt lock	1
14	90206-12M16	WASHER, wave	2	32	93430-05027	CIRCLIP	1
15	6J8-43614-00	PLATE, tilt lock	1	33	6J8-43681-00	LEVER, shallow water drive	1
16	6J8-43615-00	PLATE, tilt lock	1	34	97395-06075	BOLT	1
17	6J8-43613-00	ARM, tilt lock	1	35	682-43318-01	COVER	1
18	6H4-43659-00	SHAFT, reverse lock	1	36	90387-06M00	COLLAR	1

Fig. 12 BRACKET (50DETO MODEL)

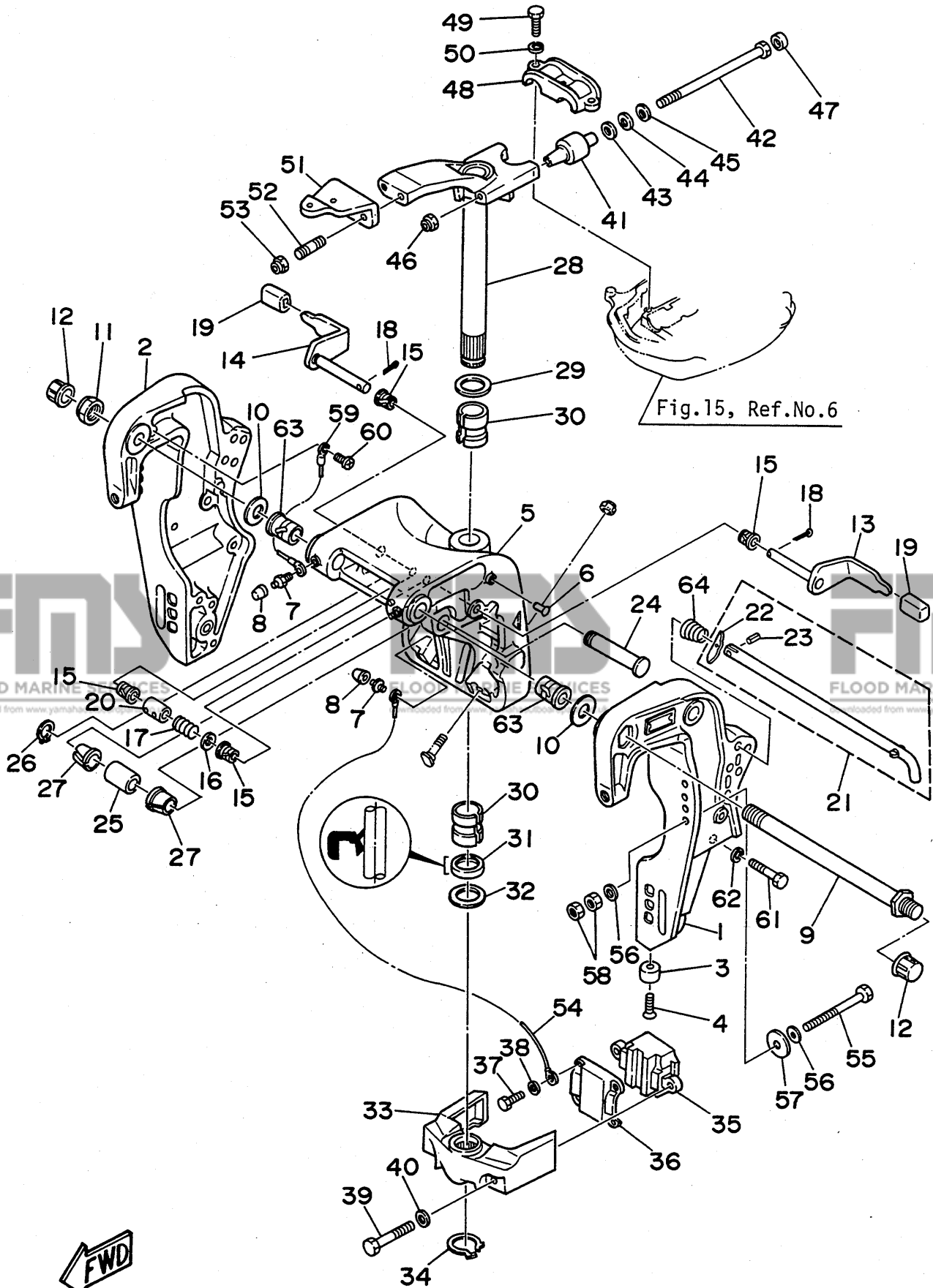


Fig. 12 BRACKET (50DETO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	697-43111-02-EJ	BRACKET, clamp 1	1	34	93410-28M06	CIRCLIP	1
2	697-43112-02-EJ	BRACKET, clamp 2	1	35	6H4-44557-00	MOUNT RUBBER, lower front (Short)	1 U.R.
3	688-45251-01	ANODE	1		6H4-44557-10	MOUNT RUBBER, lower front (Long)	1 U.R.
4	92180-06025	SCREW	1	36	6H4-44553-00	COVER, lower mount	1
5	697-43311-01-EJ	BRACKET, swivel	1	37	97395-08025	BOLT	4
6	90269-03010	RIVET 1	1	38	92990-08600	WASHER	4
7	93700-06004	NIPPLE, grease	3	39	97395-10060	BOLT	2
8	663-45119-00	CAP, grease nipple	3	40	92990-10600	WASHER	2
9	688-43131-02	BOLT, clamp bracket	1	41	6H4-44514-00	MOUNT RUBBER, upper side	2
10	90201-22M67	WASHER	2	42	90101-08M86	BOLT	2
11	90185-22043	NUT, self-locking	1	43	90201-15M98	WASHER	2
12	663-43145-00	CAP, clamp bracket	2	44	90202-15M30	WASHER	2
13	688-43181-02	LEVER, tilt stop 1	1	45	90201-09425	WASHER	2
14	688-43185-02	LEVER, tilt stop 2	1	46	90185-08045	NUT	2
15	90386-10M16	BUSHING	4	47	663-44533-00	DAMPER, upper mount rubber	2
16	92990-10200	WASHER	1	48	6H4-44511-00-EJ	COVER, upper mount rubber	1
17	90506-12M33	SPRING, tension	1	49	97375-08035	BOLT	3
18	91490-30025	PIN, cotter	2	50	92990-08100	WASHER	3
19	663-43318-00	COVER	2	51	6H5-48511-50-EJ	HOOK, steering	1
20	90387-10M38	COLLAR	1	52	90116-10175	BOLT, stud	2
21	697-43160-00	TILT ROD ASS'Y	1	53	90185-10051	NUT	2
22	688-43165-00	. STOPPER, plate	1	54	6H5-82117-00	WIRE, lead 3	1
23	91690-30012	. PIN, spring	1	55	90101-12M65	BOLT	4
24	6E5-43126-00	PIN, upper shock mount	1	56	92990-12200	WASHER	8
25	90386-18M21	BUSHING	1	57	90201-12426	WASHER	4
26	93410-14M07	CIRCLIP	1	58	95380-12600	NUT	8
27	90386-18M35	BUSHING	2	59	6E5-82148-00	WIRE, lead 4	1
28	6H4-42510-00-EJ	BRACKET STEERING ASS'Y	1	60	97890-06012	SCREW	1
29	90201-30420	WASHER	1	61	97395-10045	BOLT	6
30	90386-30048	BUSHING	2	62	92990-10100	WASHER	6
31	93109-30M03	OIL SEAL	1	63	90386-22M15	BUSHING	2
32	90201-31418	WASHER, plate	1	64	90502-20M03	SPRING, conical	1
33	6H4-44551-01-EJ	HOUSING, lower mount	1				

Fig. 13

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Fig.12, Ref.No.2, 5

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Fig. 13 POWER TRIM & TILT (50DETO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
*1	6H3-43800-02-EJ	POWER TRIM & TILT ASS'Y	1	7	6E5-83672-01	TRIM SENDER	1
2	688-43376-01	BOLT, thrust receiver	2	8	97890-06016	SCREW, panhead	2
3	90185-08057	NUT, self-locking	2	9	6E5-82553-10	EXTENSION, wire lead	1
4	6Y5-83670-00	TRIM GAUGE	1	10	90464-15M08	CLAMP	1
5	6Y5-83518-00	. BULB (12V-1.7W)	1	11	90465-11M10	CLAMP	1
6	688-83664-00	. DAMPER	1	12	90465-08M07	CLAMP	1

*See Fig. 26 for detail service parts.

Fig. 14 CONTROL

Fig.18, Ref.No.2
Fig.21, Ref.No.2
(50DE0/50DETO MODEL)

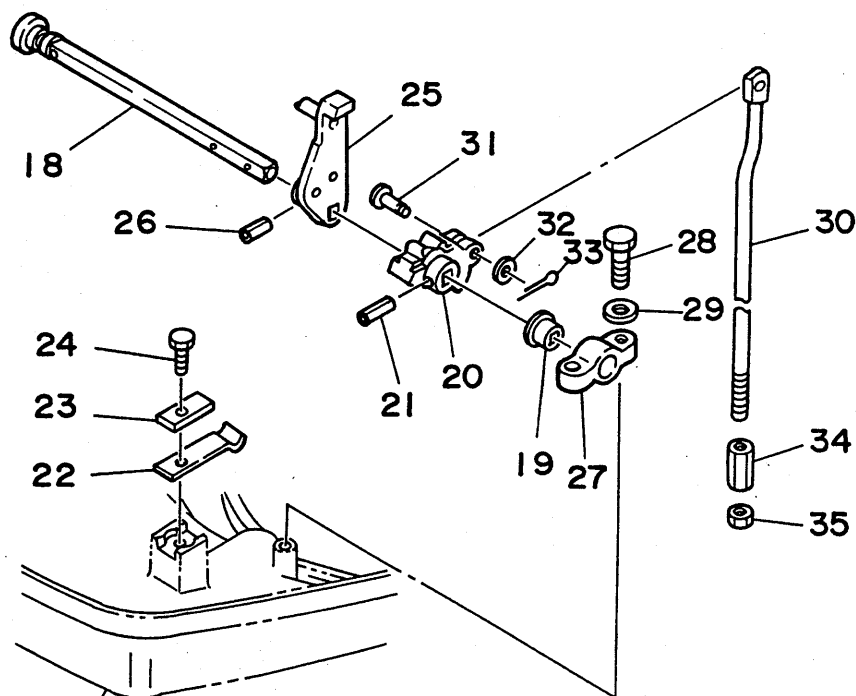
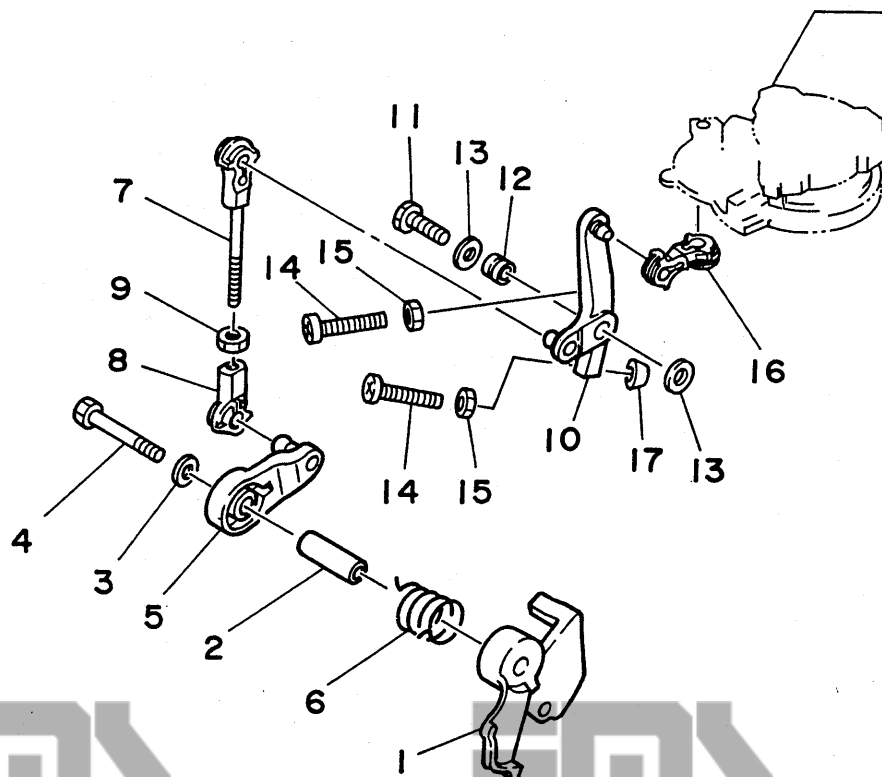


Fig.8, Ref.No.1



Fig. 14 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-41231-13	CAM, accel. (50DRO Model)	1 U.R.	18	6H4-44111-10	HANDLE, gear shift	1
	6H4-41213-03	CAM, accel. (50DE0/50DETO Model)	1 U.R.	19	682-44132-00	BUSHING	1
2	90387-06M63	COLLAR	1	20	6H4-44121-01	LEVER, shift rod 1	1
3	90201-06M31	WASHER	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 2	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 2	1
8	682-41237-00	JOINT, link 2	1	26	91690-30316	PIN, spring	1
9	95303-05600	NUT	1	27	6F5-41662-00	BRACKET 2	1
10	6H4-41631-01	LEVER, magneto control 1	1	28	97313-06020	BOLT	2
11	97313-06025	BOLT	1	29	92903-06600	WASHER	2
12	90387-06M04	COLLAR	1	30	6H4-44143-00	ROD, shift 1	1
13	90201-06M31	WASHER	2	31	91790-05020	PIN	1
14	90157-06M00	SCREW	2	32	92990-05600	WASHER	1
15	95303-06600	NUT	2	33	91490-16010	PIN, cotter	1
16	6H3-41238-00	JOINT, link	1	34	648-44146-00	CONNECTOR, shift rod 2	1
17	688-44194-00	CAP	2	35	90170-07021	NUT	1

Fig. 15 UPPER CASING

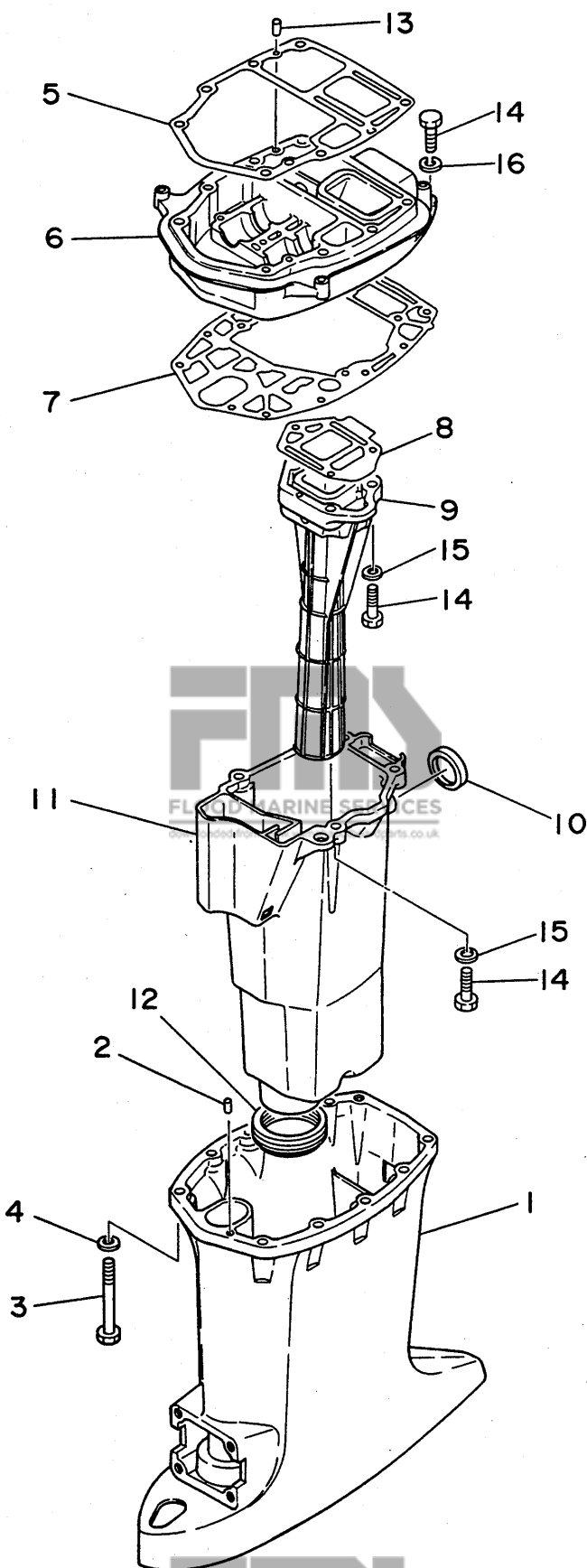


Fig. 15 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-45111-00-EJ CASING, upper (Short)		1 U.R.	9	6H5-41131-00-9M MANIFOLD, exhaust		1
	6H4-45111-10-EJ CASING, upper (Long)		1 U.R.	10	6H4-41133-00 GASKET, exhaust manifold		1
2	93606-12019 PIN, dowel B		2	11	6H4-14711-00-9M MUFFLER 1 (Short)		1 U.R.
3	90101-08080 BOLT		8		6H4-14711-10-9M MUFFLER 1 (Long)		1 U.R.
4	92990-08600 WASHER		8	12	663-45123-00 GASKET, muffler		1
5	6H4-45113-00 GASKET, upper casing		1	13	93606-12019 PIN, dowel B		2
6	6H4-41137-00-94 GUIDE, exhaust		1	14	97375-08030 BOLT		9
7	6H4-45114-00 GASKET, upper casing 2		1	15	92990-08600 WASHER		7
8	6H4-41134-00 GASKET, exhaust manifold 2		1	16	92990-08100 WASHER		2

Fig. 16 LOWER & DRIVE I

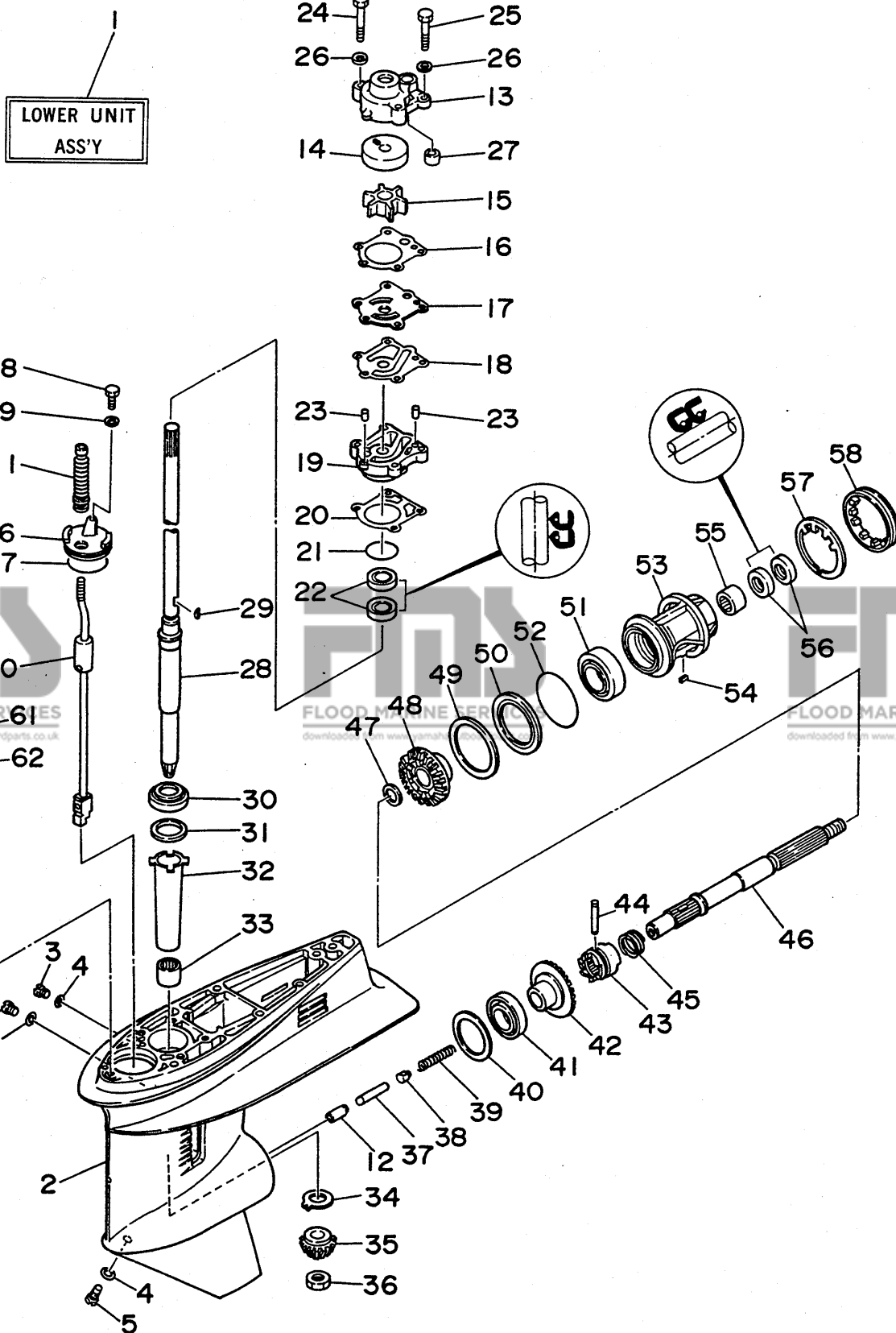


Fig. 16 LOWER & DRIVE 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-45300-00-EJ	LOWER UNIT ASS'Y (Short)		34	663-45552-00	BEARING, plain	1
		(Ref. No. 2 to 63)	1 U.R.	35	6H4-45551-00	PINION (13T)	1
	6H4-45300-10-EJ	LOWER UNIT ASS'Y (Long)		36	90170-12138	NUT	1
		(Ref. No. 2 to 63)	1 U.R.	37	676-45635-00	PLUNGER, shift	1
2	6H4-45301-00-EJ	CASING, lower	1	38	663-45634-00	SLIDE, shift	1
3	90340-08014	PLUG, straight	2	39	90501-16M01	SPRING, compression	1
4	90430-08020	GASKET	3	40	6H4-45567-00-05	SHIM 1 (0.05mm)	1 U.R.
5	688-45341-00	PLUG, straight	1		6H4-45567-00-08	SHIM 1 (0.08mm)	1 U.R.
6	6H4-45321-00	PLATE	1		6H4-45567-00-12	SHIM 1 (0.12mm)	1 U.R.
7	93210-49046	O-RING	1		6H4-45567-00-30	SHIM 1 (0.30mm)	1 U.R.
8	97395-06016	BOLT	1		6H4-45567-00-50	SHIM 1 (0.50mm)	1 U.R.
9	92990-06600	WASHER	1	41	93332-000V4	BEARING, taper roller	1
10	6H4-44150-00	SHIFT CAM ASS'Y (Short)	1 U.R.	42	6H4-45560-00	GEAR 1 ASS'Y (24T)	1
	6H4-44150-10	SHIFT CAM ASS'Y (Long)	1 U.R.	43	6H4-45631-00	CLUTCH, dog	1
11	655-44147-00	BOOT, shift rod	1	44	90250-06023	PIN, straight	1
12	6H4-44160-00	DETENT COMP.	1	45	663-45633-00	RING, cross pin	1
13	663-44311-02	HOUSING, water pump 1	1	46	679-45611-01	SHAFT, propeller	1
14	663-44322-00	INSERT, cartridge	1	47	90201-22429	WASHER	1
15	6H4-44352-00	IMPELLER	1	48	6H4-45571-00	GEAR 2 (24T)	1
16	663-44315-00	GASKET, water pump 1	1	49	663-45577-00-05	SHIM 2 (0.05mm)	1 U.R.
17	663-44323-00	OUTER PLATE, cartridge	1		663-45577-00-08	SHIM 2 (0.08mm)	1 U.R.
18	663-44324-00	GASKET, cartridge outer plate	1		663-45577-00-12	SHIM 2 (0.12mm)	1 U.R.
19	663-44341-00-94	HOUSING, water pump 2	1		663-45577-00-30	SHIM 2 (0.30mm)	1 U.R.
20	663-44316-00	GASKET, water pump 2	1		663-45577-00-50	SHIM 2 (0.50mm)	1 U.R.
21	93210-41042	O-RING	1	50	663-45576-00	WASHER, thrust 2	1
22	93101-23070	OIL SEAL	2	51	93306-00702	BEARING (B6007)	1
23	93604-08062	PIN, dowel B	2	52	93210-66262	O-RING	1
24	97395-08055	BOLT	2	53	679-45331-00-94	HOUSING, bearing	1
25	97395-08045	BOLT	2	54	90282-04010	KEY, straight	1
26	92990-08600	WASHER	4	55	93317-22204	BEARING, needle	1
27	663-44366-00	WATER SEAL 2	1	56	93101-22M00	OIL SEAL	2
28	6H4-45501-00	DRIVE SHAFT ASS'Y (Short)	1 U.R.	57	90214-48008	WASHER, claw	1
	6H4-45501-10	DRIVE SHAFT ASS'Y (Long)	1 U.R.	58	697-45384-00	NUT	1
29	90280-03024	KEY, woodruff	1	59	6E5-45378-00	NIPPLE, hose	1
30	93332-00023	BEARING, taper roller	1	60	90445-07ME9	HOSE (Short)	1 U.R.
31	663-45587-00-05	SHIM 3 (0.05mm)	1 U.R.		90445-07M31	HOSE (Long)	1 U.R.
	663-45587-00-08	SHIM 3 (0.08mm)	1 U.R.	61	6E5-83558-00	END, nipple (50DRO/50DEO Model)	1 U.R.
	663-45587-00-12	SHIM 3 (0.12mm)	1 U.R.		6E5-83558-10	END, nipple (50DETO Model)	1 U.R.
	663-45587-00-30	SHIM 3 (0.30mm)	1 U.R.	62	90465-11M10	CLAMP (50DRO/50DEO Model)	2 U.R.
	663-45587-00-50	SHIM 3 (0.50mm)	1 U.R.		90465-11M10	CLAMP (50DETO Model)	4 U.R.
32	6H4-45536-00	SLEEVE, drive shaft	1				
33	93315-32224	BEARING, needle	1				

Fig. 17 LOWER & DRIVE 2

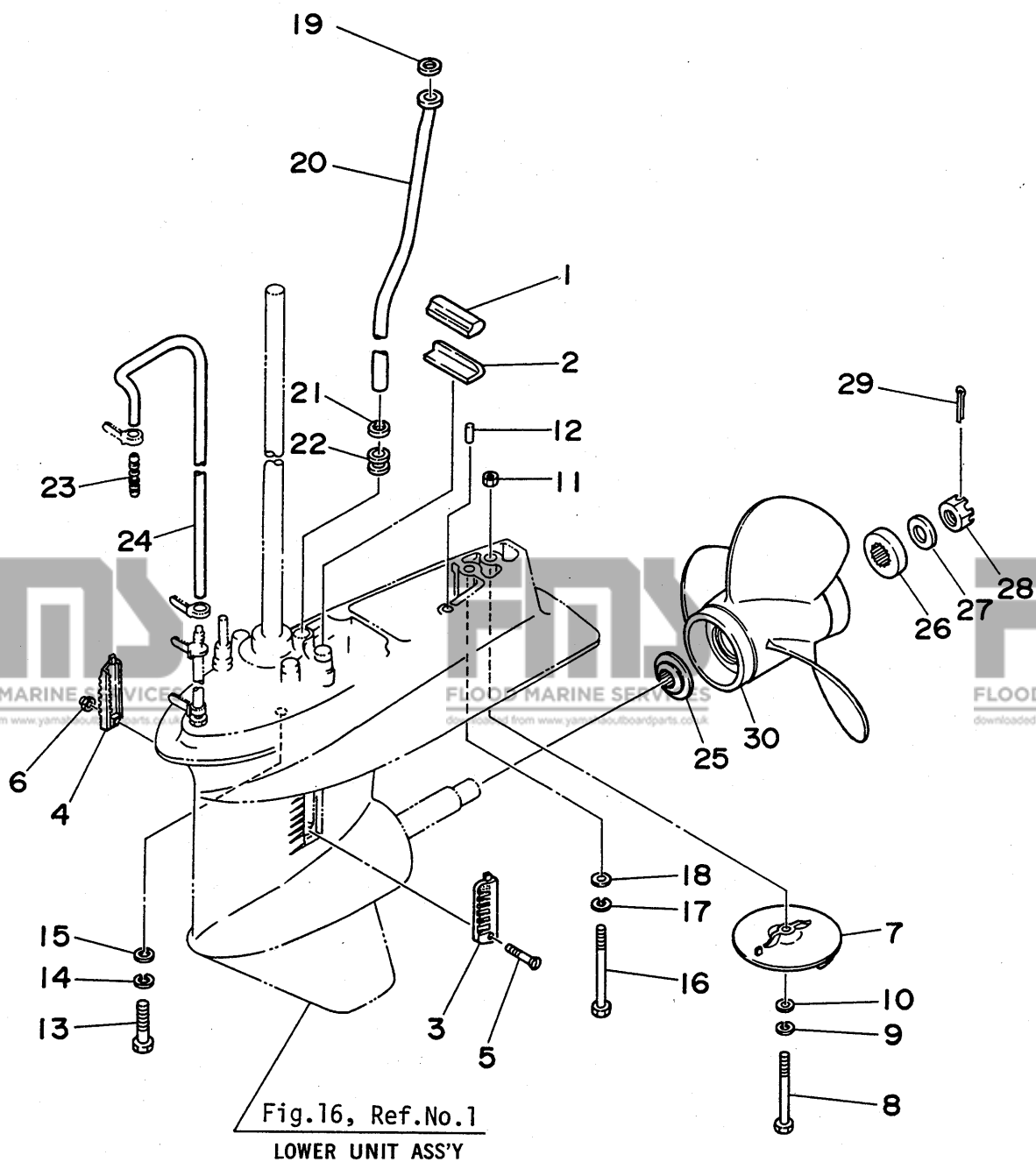


Fig. 17 LOWER & DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-45375-00	SEAL 2	1	27	92990-16200	WASHER	1
2	663-45376-00	GUIDE, seal rubber	1	28	90171-16011	NUT, castle	1
3	688-45214-01	COVER, water inlet 1	1	29	91490-30025	PIN, cotter	1
4	688-45215-01	COVER, water inlet 2	1	30	663-45941-01-EL	PROPELLER ASS'Y 1(3x10"x17"-G)	1 U.R.
5	98180-05035	SCREW, ovalhead	1		663-45943-02-EL	PROPELLER ASS'Y 2(3x11"x15"-G)	1 U.R.
6	90185-05002	NUT, self-locking	1		663-45945-02-EL	PROPELLER ASS'Y 3(3x11"x13"-G)	1 U.R.
7	664-45371-01	TAB-TRIM	1		663-45947-02-EL	PROPELLER ASS'Y 4(3x11"x11"-G)	1 U.R.
8	97375-08075	BOLT	1		663-45949-01-EL	PROPELLER ASS'Y 5(3x10"x16"-G)	1 U.R.
9	92990-08100	WASHER	1		663-45952-02-EL	PROPELLER ASS'Y 6(3x11"x12"-G)	1 U.R.
10	92990-08600	WASHER	1		663-45954-01-EL	PROPELLER ASS'Y 7(3x11"x10"-G)	1 U.R.
11	95380-08600	NUT	1		663-45956-01-EL	PROPELLER ASS'Y 8(3x12"x9"-G)	1 U.R.
12	93606-12019	PIN, dowel B	2		663-45958-01-EL	PROPELLER ASS'Y 9(3x11"x14"-G)	1 U.R.
13	97375-10040	BOLT	4		6H5-45943-00-EL	PROPELLER ASS'Y 2(3x10"x15"-G) (With Lip Cup)	1 U.R.
14	92990-10100	WASHER	4		6H5-45945-00-EL	PROPELLER ASS'Y 3(3x10"x13"-G) (With Lip Cup)	1 U.R.
15	92990-10600	WASHER	4		6H5-45952-00-EL	PROPELLER ASS'Y 6(3x10"x12"-G) (With Lip Cup)	1 U.R.
16	97375-08085	BOLT	1		6H5-45958-00-EL	PROPELLER ASS'Y 9(3x10"x14"-G) (With Lip Cup)	1 U.R.
17	92990-08100	WASHER	1			STAINLESS STEEL PROPELLER	
18	92990-08600	WASHER	1		663-45970-60-98	PROPELLER ASS'Y 20(3x11"x12"-G)	1 U.R.
19	90202-12060	WASHER	1		663-45972-60-98	PROPELLER ASS'Y 21(3x12"x11"-G)	1 U.R.
20	6H4-44361-00	TUBE, water 1 (Short)	1 U.R.		663-45974-60-98	PROPELLER ASS'Y 22(3x11"x13"-G)	1 U.R.
	6H4-44361-10	TUBE, water 1 (Long)	1 U.R.		663-45976-00-98	PROPELLER ASS'Y 23(3x10"x15"-G)	1 U.R.
21	90430-12072	GASKET	1				
22	663-44367-00	DAMPER, water seal 3	1		663-45978-00-98	PROPELLER ASS'Y 24(3x10"x16"-G)	1 U.R.
23	6E5-83558-00	END, nipple (50DETO Model)	1		663-45930-00-98	PROPELLER ASS'Y 25(3x10"x14"-G)	1 U.R.
24	90445-07MF1	HOSE (50DETO Model)	1				
25	663-45987-01	SPACER 1	1				
26	670-45997-01	SPACER 2	1				

Fig. 18 C.D.I. MAGNETO

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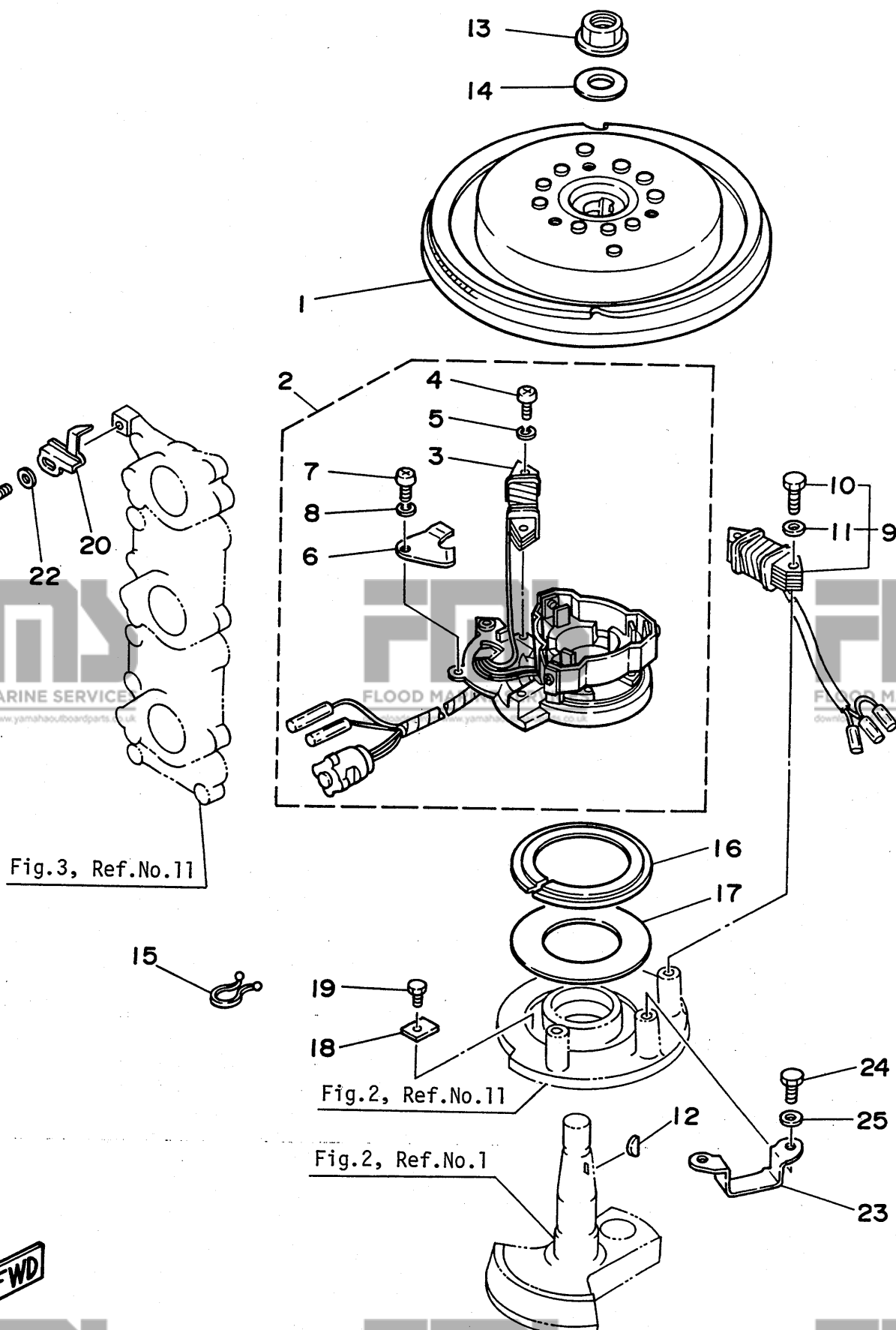


Fig. 18 C.D.I. MAGNETO

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-85550-F0	ROTOR ASS'Y	1	14	90201-16M44	WASHER	1
2	6H4-85510-F0	STATOR ASS'Y	1	15	90464-08M07	CLAMP	3
3	6H4-85520-00	. CHARGE COIL ASS'Y	1	16	6H4-41611-00	RETAINER, magneto base 1	1
4	97802-06020	. SCREW	2	17	6H4-41618-01	WASHER, magneto	1
5	92902-06100	. WASHER	2	18	6H4-41612-01	RETAINER, magneto base 2	3
6	6H4-85548-00	. CLAMP, cord	1	19	97313-06020	BOLT	3
7	97802-05008	. SCREW	1	20	6H4-81332-00	PLATE, timing	1
8	92902-05100	. WASHER	1	21	97803-05010	SCREW	1
9	6H4-81303-A0	LIGHTING COIL ASS'Y	1	22	92903-05600	WASHER	1
10	97313-06025	. BOLT	2	23	6H4-41613-00	PLATE, base friction	1
11	92903-06600	. WASHER	2	24	97313-06012	BOLT	2
12	90280-05015	KEY, woodruff	1	25	92903-06600	WASHER	2
13	90179-16M05	NUT	1				

Fig. 19 ELECTRIC PARTS I

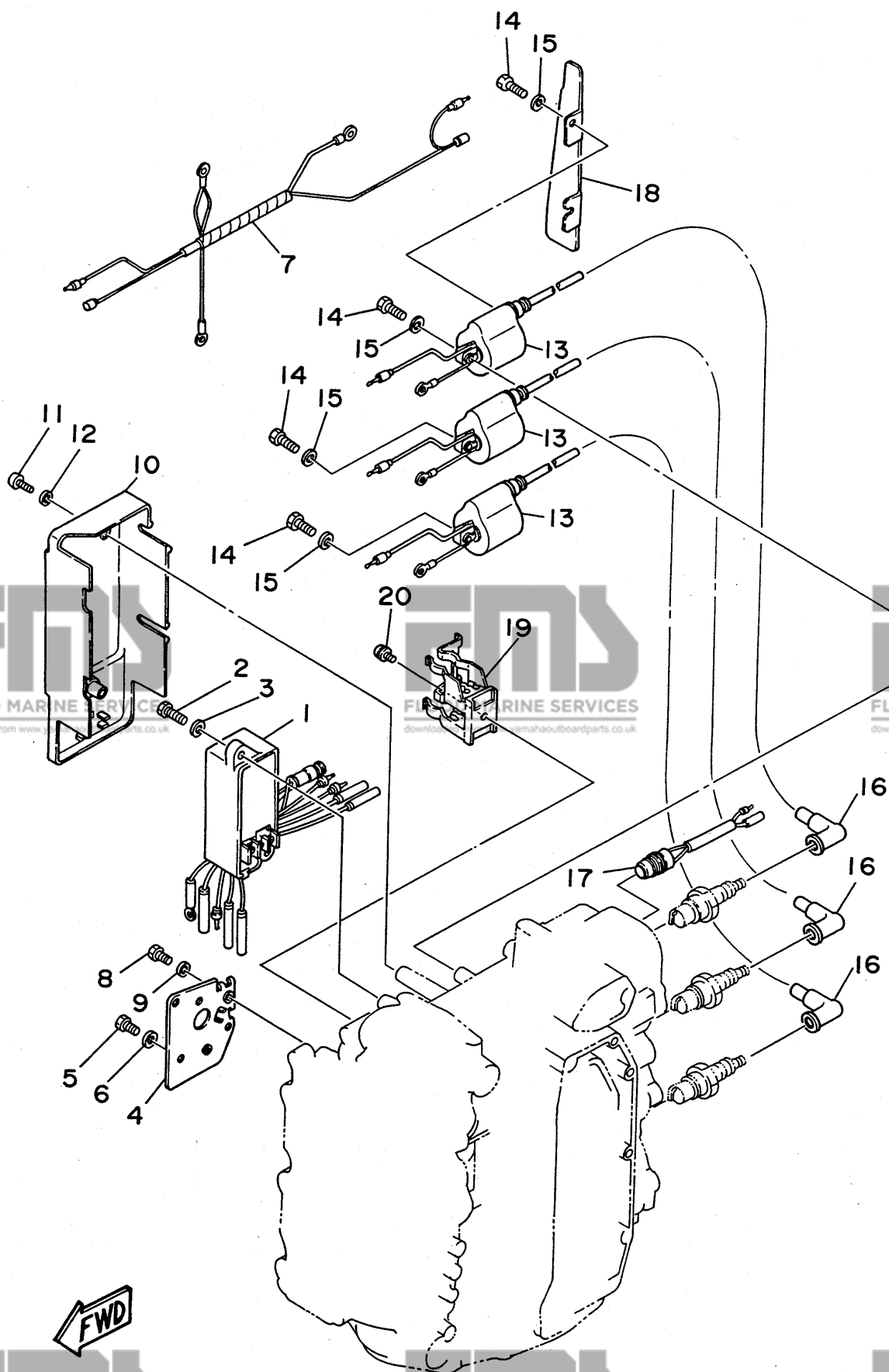


Fig. 19 ELECTRIC PARTS 1

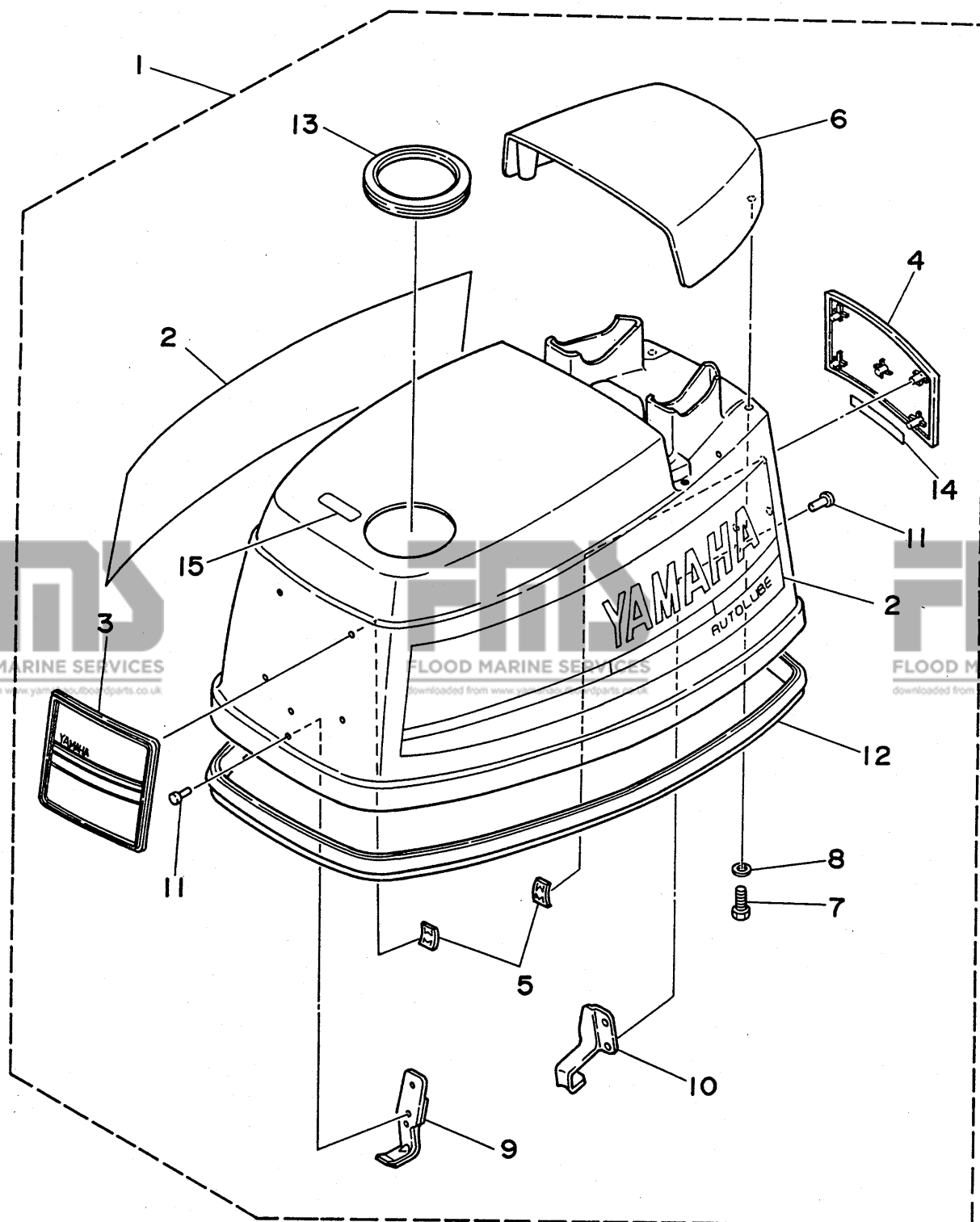
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-85540-21	C.D.I. UNIT ASS'Y	1	11	97803-06025	SCREW	2
2	97313-06025	BOLT	2	12	92903-06600	WASHER	2
3	92903-06600	WASHER	2	13	6H4-85570-20	IGNITION COIL ASS'Y	3
4	6H4-81975-00	PLATE, rectifier fitting	1	14	97313-06020	BOLT	6
5	97313-06012	BOLT	3	15	92903-06600	WASHER	6
6	92903-06600	WASHER	3	16	6G1-82370-20	PLUG CAP ASS'Y	3
7	6H4-82531-01	WIRE, lead	1	17	689-82560-00	THERMO-SWITCH ASS'Y	1
8	97313-06012	BOLT	1	18	6H4-14477-00	PLATE	1
9	92903-06600	WASHER	1	19	6H4-82552-00	CLAMP	1
10	6H4-81916-00	COVER, terminal	1	20	90159-06M07	SCREW, with washer	1

Fig. 20 TOP COWLING (50DE0/50DETO MODEL)

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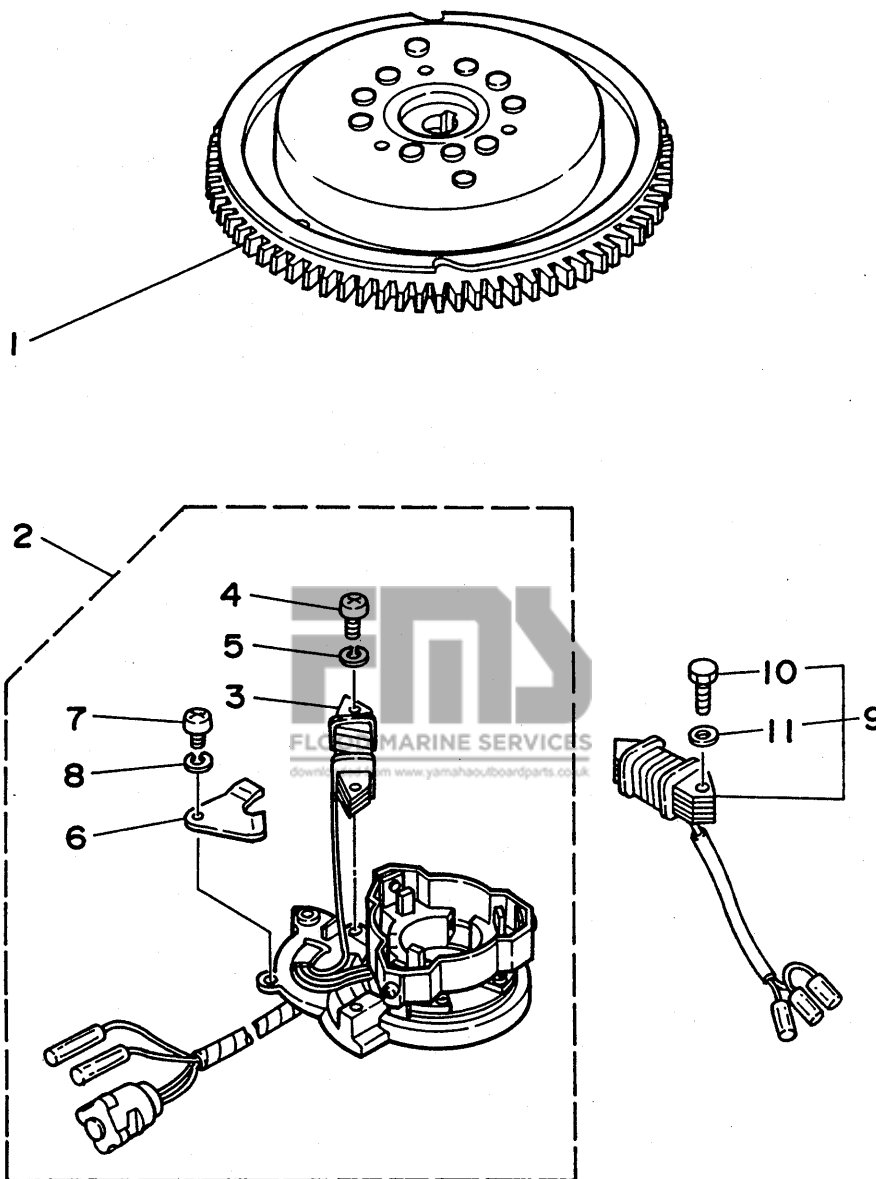
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Fig. 20 TOP COWLING (50DE0/50DETO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-42610-E0-EJ	TOP COWLING ASS'Y (50DE0 Model)	1 U.R.	9	6H4-42651-00	. HOOK 1	1
	6H5-42610-G0-EJ	TOP COWLING ASS'Y (50DETO Model)	1 U.R.	10	6H4-42652-00	. HOOK 2	1
2	6H4-W0070-E0	. GRAPHIC SIDE SET	1	11	90266-04M01	. RIVET	4
3	6H5-42686-10	. EMBLEM, front	1	12	6H4-42615-00	. SEAL	1
4	6H5-42687-00	. EMBLEM, rear	1	13	6H4-21732-00	. SEAL	1
5	90183-05M01	. NUT, spring	10	14	6G1-42683-00	. MARK, cowling (50DE0 Model)	1 U.R.
6	6H4-42613-10-EJ	. MOLDING, air duct	1		6H5-42684-00	. MARK, cowling 4 (50DETO Model)	1 U.R.
7	97313-06016	. BOLT	4	15	6H4-13436-00	. MARK	1
8	92903-06600	. WASHER	4				

Fig. 21 C.D.I. MAGNETO
(50DEO/50DETO MODEL)

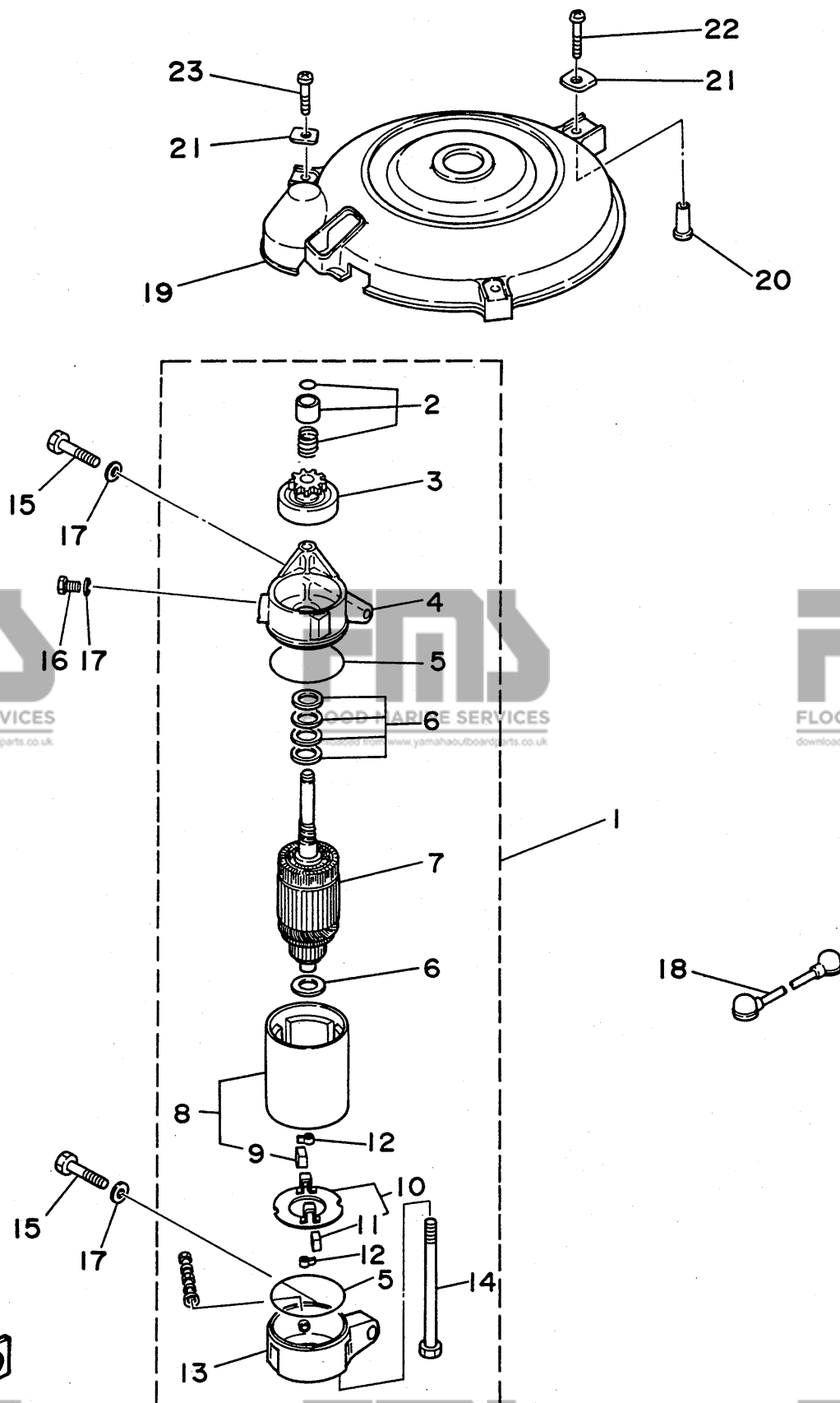


FWD

Fig. 21 C.D.I. MAGNETO (50DE0/50DETO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-85550-A0	ROTOR ASS'Y	1	7	97802-05008	. SCREW	1
2	6H4-85510-F0	STATOR ASS'Y	1	8	92902-05100	. WASHER	1
3	6H4-85520-00	. CHARGE COIL ASS'Y	1	9	6H4-81303-A0	LIGHTING COIL ASS'Y	1
4	97802-06020	. SCREW	2	10	97313-06025	. BOLT	2
5	92902-06100	. WASHER	2	11	92903-06600	. WASHER	2
6	6H4-85548-00	. CLAMP, cord	1				

Fig. 22 ELECTRIC MOTOR
(50DE0/50DETO MODEL)



FWD

Fig. 22 ELECTRIC MOTOR (50DE0/50DETO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-81800-11	ELECTRIC MOTOR ASS'Y	1	13	6H3-81820-11	. REAR COVER ASS'Y	1
2	689-81857-11	. PINION STOPPER SET	1	14	689-81826-10	. BOLT	2
3	6H3-81807-10	. PINION ASS'Y (11T)	1	15	90119-08M30	BOLT	2
4	6H4-81830-10	. FRONT COVER ASS'Y	1	16	97313-08016	BOLT	1
5	689-81847-11	. O-RING	2	17	92903-08600	WASHER	3
6	689-81809-11	. WASHER KIT	1	18	6H4-82117-00	WIRE, lead	1
7	689-81850-11	. ARMATURE ASS'Y	1	19	6H4-81337-00	COVER, flywheel	1
8	6H3-81810-10	. STATOR ASS'Y	1	20	90387-06M65	COLLAR	3
9	689-81811-11	. . BRUSH 1 (+)	1	21	90209-06M04	WASHER	3
10	689-81840-11	. BRUSH HOLDER ASS'Y	1	22	97803-06040	SCREW	1
11	689-81812-11	. . BRUSH 2 (-)	1	23	97803-06035	SCREW	2
12	689-81813-10	. SPRING, brush	2				

Fig. 23 ELECTRIC PARTS 2 (50DEO/50DETO MODEL)

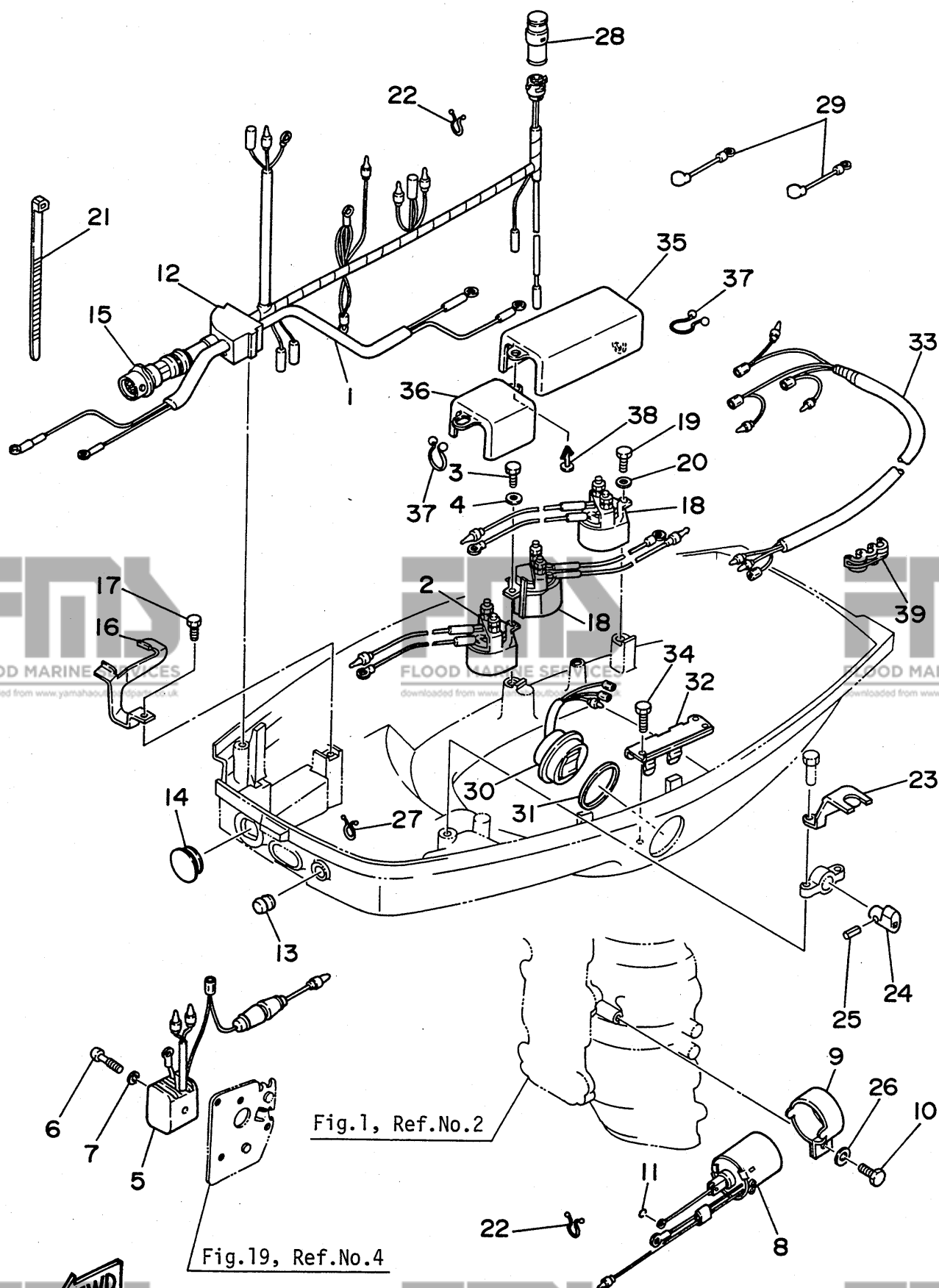


Fig. 23 ELECTRIC PARTS 2 (50DE0/50DETO MODEL)

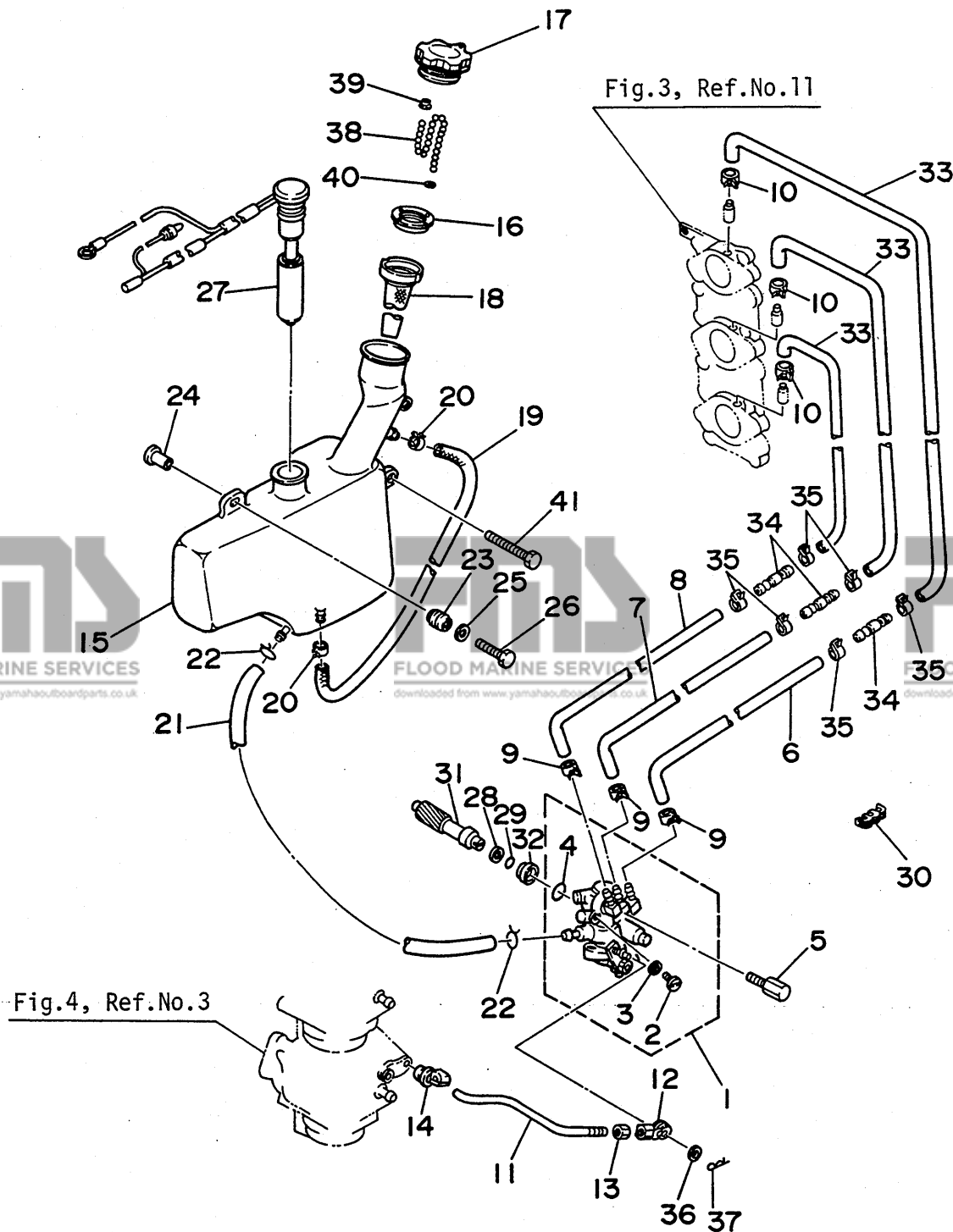
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-82105-00	WIRE LEAD ASS'Y	1	22	90465-18147	CLAMP	2
2	688-81950-10	STARTER RELAY ASS'Y	1	23	6H4-82554-00	STAY, neutral switch	1
3	97313-06016	BOLT	1	24	6H4-44173-01	LEVER, shift control	1
4	92903-06600	WASHER	1	25	91690-30020	PIN, spring	1
5	6G1-81970-60	RECTIFIER ASS'Y	1	26	92903-06600	WASHER	1
6	97803-05025	SCREW	1	27	90464-08M07	CLAMP	1
7	92903-05600	WASHER	1	28	6H4-82582-00	COVER, wire harness (50DETO Model)	1
8	6H4-86110-01	SOLENOID COIL ASS'Y	1	29	688-81949-00	WIRE, lead (50DETO Model)	2
9	6H4-86112-00	STAY, solenoid	1	30	6H1-82563-00	TRIM & TILT SWITCH ASS'Y (50DETO Model)	1
10	97313-06016	BOLT	1	31	6E5-82587-00	GASKET (50DETO Model)	1
11	93210-03261	O-RING	1	32	6E5-83614-00	BRACKET (50DETO Model)	1
12	6H4-42724-20	GROMMET 1	1	33	6H3-82553-00	EXTENSION, wire lead (50DETO Model)	1
13	6H4-42725-00	GROMMET 2	1	34	97313-06016	BOLT (50DETO Model)	2
14	676-42726-00	GROMMET 3	1	35	6H3-82154-00	CASE (50DETO Model)	1
15	6H4-82590-21	WIRE HARNESS ASS'Y	1	36	6H3-82164-00	CASE 2	1
16	6H4-82588-00	PLATE	1	37	90464-15M11	CLAMP	2
17	97313-06012	BOLT	1	38	90338-06010	PLUG (50DETO Model)	1
18	688-81950-10	STARTER RELAY ASS'Y (50DETO Model)	2	39	90464-07M05	CLAMP (50DETO Model)	1
19	97313-06020	BOLT (50DETO Model)	1				
20	92903-06600	WASHER (50DETO Model)	1				
21	90465-13M24	CLAMP	1				

Fig. 24 OIL PUMP (50DRO MODEL)

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Fig. 24 OIL PUMP (50DRO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-13200-01	OIL PUMP ASS'Y	1	22	90467-08004	CLIP	2
2	6E5-13471-00	. PLUG, drain	1	23	6A0-82317-00	DAMPER	3
3	6E5-13475-00	. GASKET	1	24	624-42542-00	PIPE 1	3
4	6E5-14562-00	. O-RING	1	25	90201-06050	WASHER	3
5	90109-06M22	BOLT	2	26	97313-06030	BOLT	2
6	90445-07M44	HOSE	1	27	6H4-85720-20	OIL LEVEL GAUGE ASS'Y	1
7	90445-07M23	HOSE	1	28	90201-08M93	WASHER	1
8	90445-07MA6	HOSE	1	29	93210-13M04	O-RING	1
9	90468-07M02	CLIP	3	30	90464-07M05	CLAMP	1
10	90468-07M02	CLIP	3	31	6H4-11537-00	GEAR, driven	1
11	6H4-41241-00	ROD	1	32	6H1-13117-00	COLLAR, distance 2	1
12	6H1-41237-00	JOINT, link 2	1	33	90445-07M87	HOSE	3
13	95303-05600	NUT	1	34	6E5-13132-00	JOINT	3
14	6E9-41237-00	JOINT, link 1	1	35	90468-07M02	CLIP	6
15	6H4-21707-10	OIL TANK COMP.	1	36	90202-05088	WASHER	1
16	6H4-21773-00	GROMMET	1	37	90468-05M03	CLIP	1
17	6H4-21770-00	OIL TANK CAP ASS'Y	1	38	6H4-24633-00	CHAIN, ball	1
18	6H1-21756-00	NET, filter	1	39	6H4-24634-00	HOOK, chain ball	1
19	90446-09M08	HOSE	1	40	6H4-21757-00	WASHER	1
20	90467-08004	CLIP	2	41	97313-06050	BOLT	1
21	90445-09M37	HOSE	1				

Fig. 25 OIL PUMP (50DEO/50DETO MODEL)

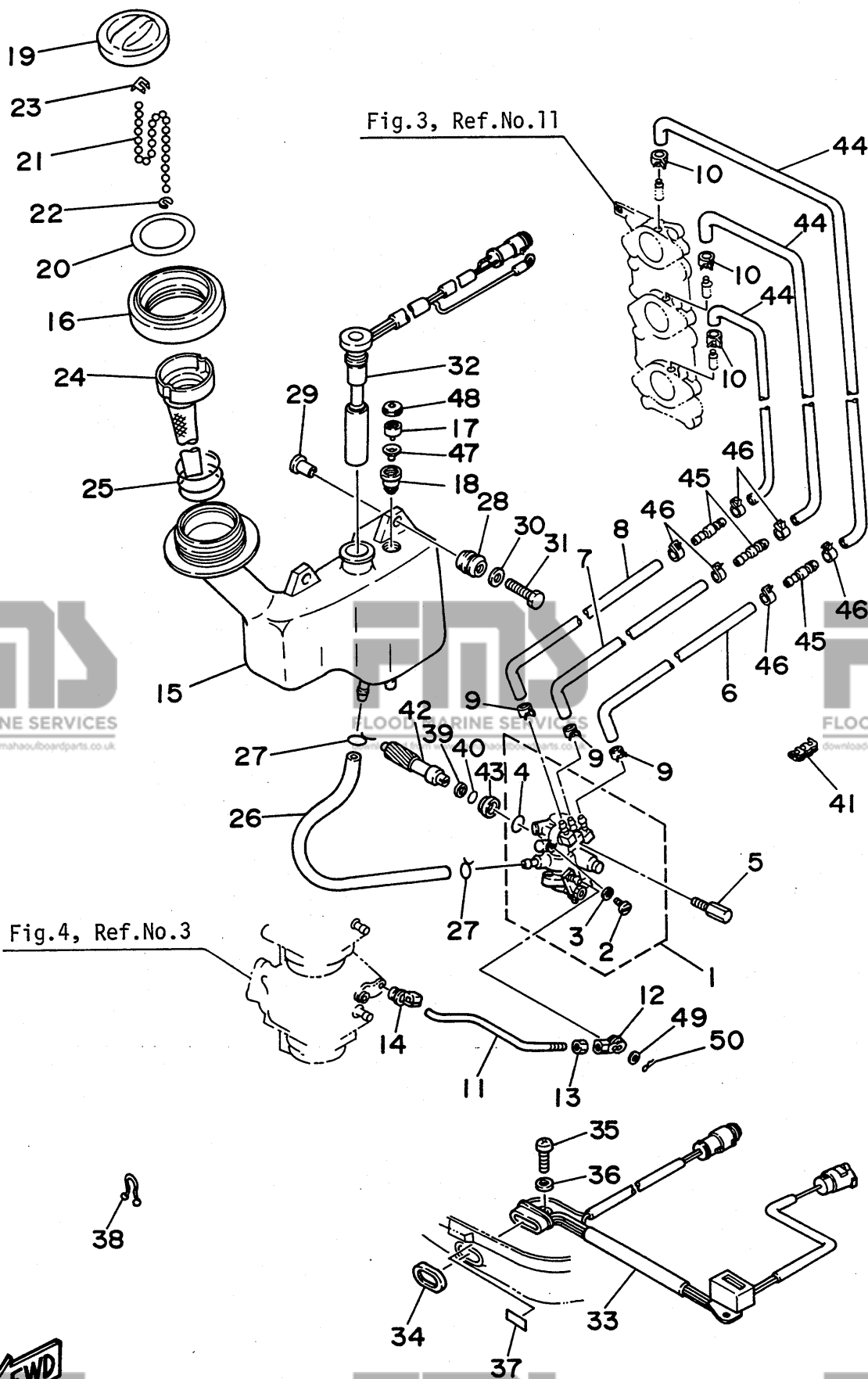


Fig. 25 OIL PUMP (50DE0/50DETO MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-13200-01	OIL PUMP ASS'Y	1	26	90445-09M37	HOSE	1
2	6E5-13471-00	. PLUG, drain	1	27	90467-08004	CLIP	2
3	6E5-13475-00	. GASKET	1	28	6A0-82317-00	DAMPER	3
4	6E5-14562-00	. O-RING	1	29	624-42542-00	PIPE 1	3
5	90109-06M22	BOLT	2	30	90201-06050	WASHER	3
6	90445-07M44	HOSE	1	31	97313-06030	BOLT	3
7	90445-07M23	HOSE	1	32	6H4-85720-11	OIL LEVEL GAUGE ASS'Y	1
8	90445-07MA6	HOSE	1	33	6H4-84301-01	PILOT LIGHT ASS'Y	1
9	90468-07M02	CLIP	3	34	6H4-83589-00	PACKING	1
10	90468-07M02	CLIP	3	35	97803-06014	SCREW	1
11	6H4-41241-00	ROD	1	36	92903-06600	WASHER	1
12	6H1-41237-00	JOINT, link 2	1	37	6H4-84342-00	SEAT, emblem	1
13	95303-05600	NUT	1	38	90464-08M07	CLAMP	1
14	6E9-41237-00	JOINT, link 2	1	39	90201-08M93	WASHER	1
15	6H4-21707-01	OIL TANK COMP.	1	40	93210-13M04	O-RING	1
16	6H4-21735-01	SEAL 2	1	41	90464-07M05	CLAMP	1
17	6H1-21744-10	BREATHER	1	42	6H4-11537-00	GEAR, driven	1
18	6H1-21773-00	GROMMET	1	43	6H1-13117-00	COLLAR, distance 2	1
19	6H1-21771-01	BODY, cap	1	44	90445-07M87	HOSE	3
20	6H1-21772-01	GASKET, cap	1	45	6E5-13132-00	JOINT	3
21	6H1-24633-00	CHAIN, ball	1	46	90468-07M02	CLIP	6
22	6H1-21757-00	WASHER	1	47	90386-03M59	BUSHING	1
23	6H1-24634-00	HOOK, chain ball	1	48	6H1-24217-00	COVER	1
24	6H1-24251-01	STRAINER 1	1	49	90202-05088	WASHER	1
25	90501-14M45	SPRING	1	50	90468-05M03	CLIP	1

Fig.26 POWER TRIM & TILT ASS'Y

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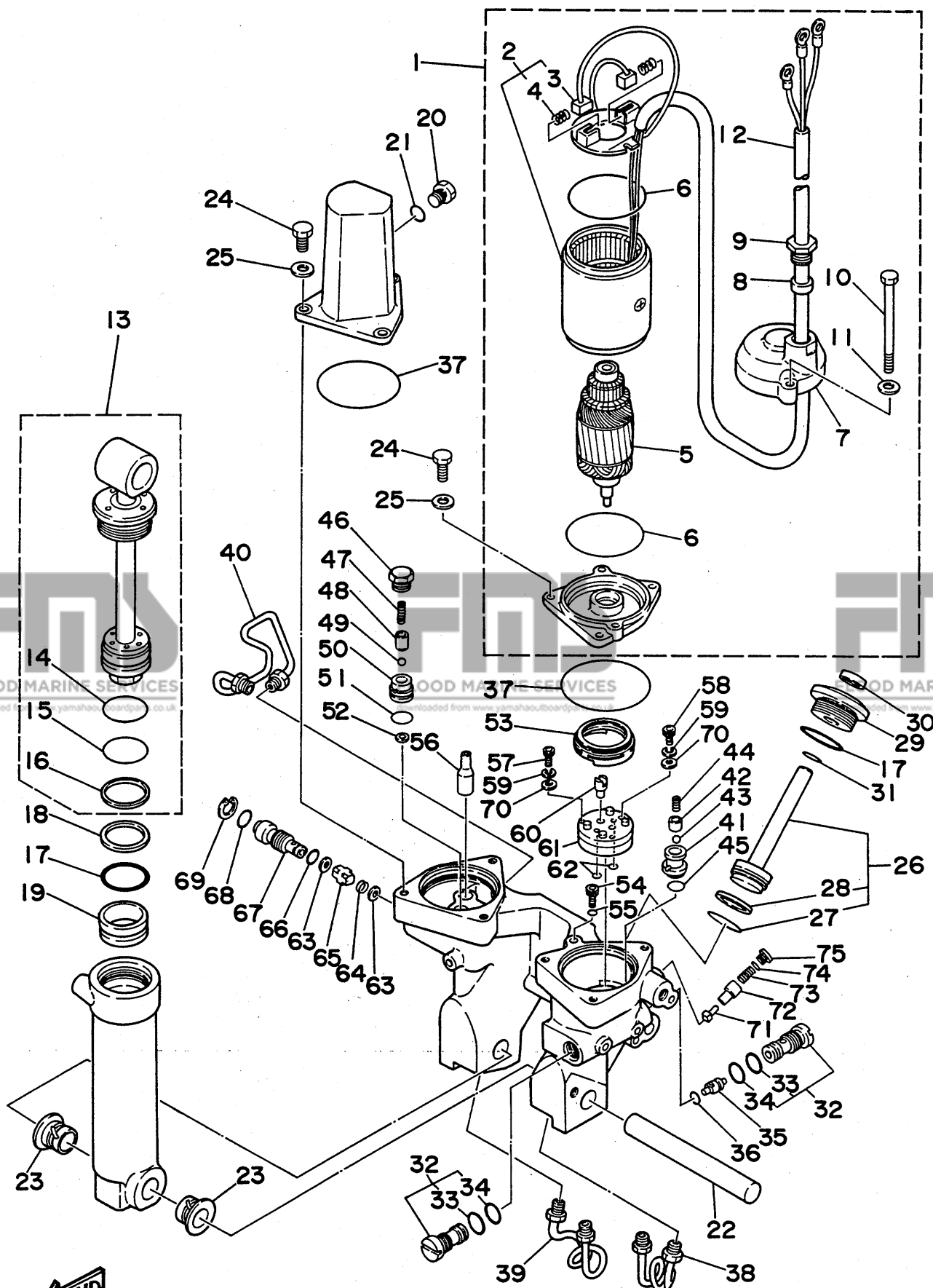
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Fig. 26 POWER TRIM & TILT ASS'Y

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
	6H3-43800-02-EJ	POWER TRIM & TILT ASS'Y (See Fig. 13, Ref. No. 1)	1				
1	688-43880-11	. MOTOR ASS'Y	1	38	6E5-43833-01	. PIPE 1	1
2	6E5-43804-00	. . STATOR ASS'Y	1	39	6E5-43834-01	. PIPE 2	1
3	6E5-43891-00	. . . BRUSH	2	40	6E5-43835-00	. PIPE 3	1
4	90501-05M54	. . . SPRING	2	41	6E5-43851-00	. SEAT, relief valve	1
				42	6E5-43844-02	. PIN, valve support	1
5	6E5-43805-00	. . ARMATURE ASS'Y	1	43	6E5-43858-00	. BALL 1	1
6	93210-71M76	. . O-RING	2	44	6E5-43856-00	. SPRING, down relief	1
7	6E5-43884-00	. . FRAME, commutator end	1	45	6E5-43883-00	. O-RING	1
8	6E5-43885-00	. . GROMMET	1	46	6E5-43843-00	. SCREW, valve lock	1
9	6E5-43886-00	. . BOLT	1	47	6E5-43855-00	. SPRING, up relief	1
10	6E5-43887-00	. . BOLT, through	2	48	6E5-43859-00	. PIN, valve support	1
11	90201-05M01	. . WASHER	2	49	6E5-43877-01	. BALL 2	1
12	688-43807-11	. . WIRE SUB-ASS'Y	1	50	6E5-43895-00	. SEAT, relief valve 2	1
13	697-43810-01	. PISTON SUB-ASS'Y (Tilt)	1	51	6E5-43896-00	. O-RING	1
14	6E5-43861-00	. . O-RING	1	52	6E5-43816-10	. FILTER 1	1
15	6E5-43862-00	. . O-RING	1	53	6E5-43817-10	. FILTER 2	1
16	6E5-43872-00	. . RING, back-up 2	1	54	90109-06M21	. BOLT	1
17	6E5-43862-00	. O-RING	3	55	6E5-43897-00	. O-RING	1
18	6E5-43872-00	. RING, back-up 2	1	56	6E5-43838-00	. PIPE, intake	1
19	6E5-43814-01	. PISTON, free	1	57	6E5-43878-00	. BOLT, socket 1	2
20	6E5-43829-00	. PLUG, reservoir	1	58	6E5-43888-00	. BOLT, socket 2	1
21	6E5-43863-00	. O-RING	1	59	90209-05M10	. WASHER	3
22	6E5-43818-00	. PIN, lower shock mount	1	60	6E5-43831-00	. CONNECTOR, shaft	1
23	90386-18M14	. BUSHING	2	61	6E5-43830-00	. GEAR PUMP ASS'Y	1
24	90101-06M85	. BOLT	6	62	93210-07M78	. O-RING	2
25	90209-06M09	. WASHER	6	63	6E5-43847-00	. SEAT, manual valve	2
26	6E5-43820-02	. PISTON SUB-ASS'Y (Trim)	2	64	6E5-43854-01	. SPRING, manual release	1
27	6E5-43864-00	. . O-RING	1	65	6E5-4382A-00	. ADAPTOR 1	1
28	6E5-43874-01	. . RING, back-up 4	1	66	93210-10M74	. O-RING	1
29	6E5-43821-01	. SCREW, trim cylinder end	2	67	6E5-43845-00	. SCREW, manual release	1
30	6E5-43822-01	. SEAL, trim dust	2	68	93210-18M75	. O-RING	1
31	6E5-43865-00	. O-RING	2	69	6E5-43875-00	. RING, snap 1	1
32	6E5-43802-00	. VALVE SUB-ASS'Y (Main)	2	70	90201-05M00	. WASHER	3
33	6E5-43866-00	. . O-RING	1	71	6E5-4381A-00	. SHAFT	1
34	6E5-43867-00	. . O-RING	1	72	6E5-43849-01	. PIN, valve support	1
35	6E5-43841-01	. PISTON, shuttle	1	73	6E5-43824-01	. SPRING, down relief 2	1
36	6E5-43868-00	. O-RING	1	74	93210-06M77	. O-RING	1
37	6E5-43869-00	. O-RING	2	75	6E5-43842-00	. SCREW, valve seat	1

Fig. 27 REPAIR KIT I

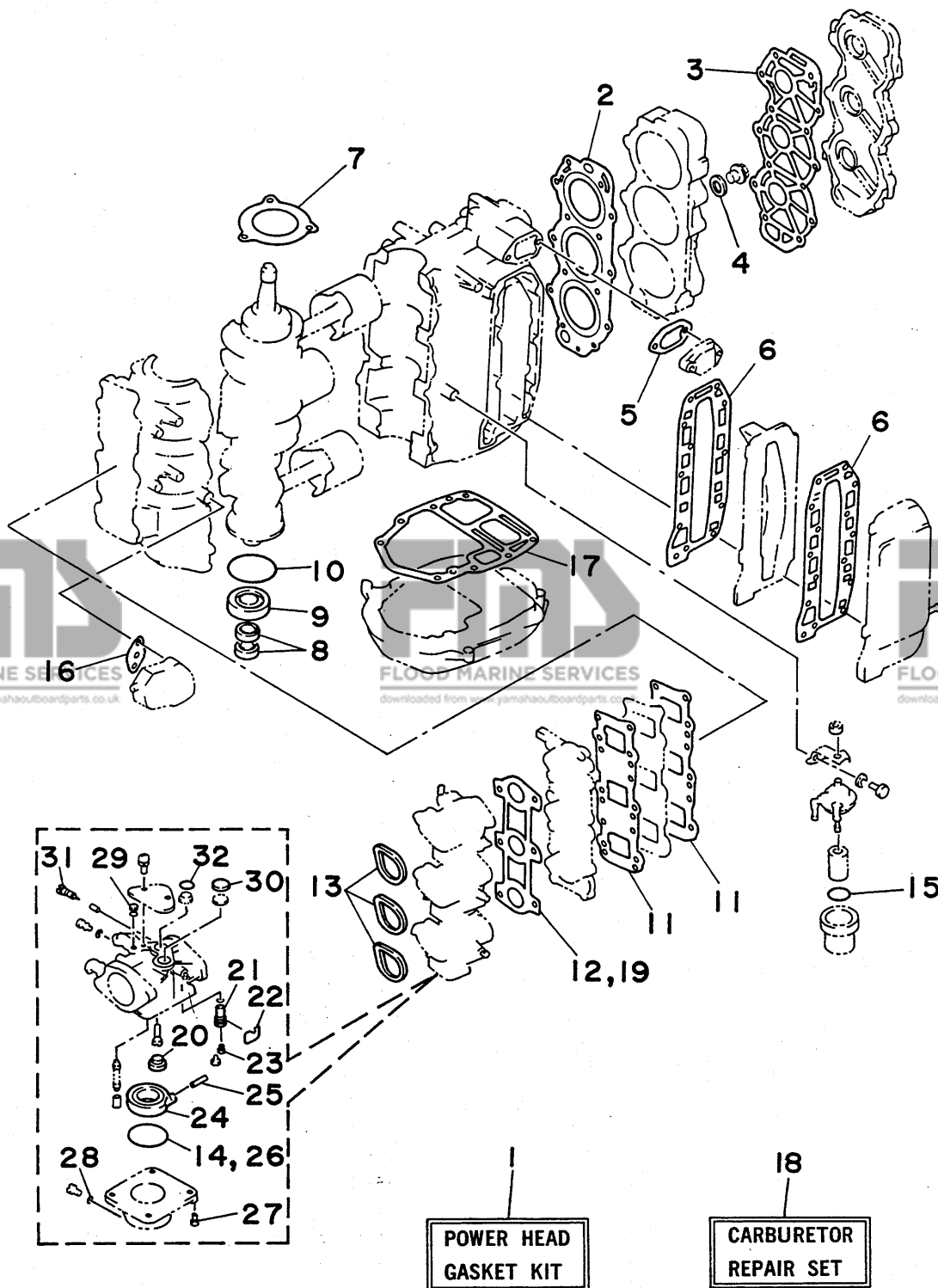


Fig. 27 REPAIR KIT 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-W0001-00	POWER HEAD GASKET KIT	1	17	6H4-45113-00	. GASKET, upper casing	1
2	6H4-11181-00	. GASKET, cylinder head	1	18	6H4-W0093-01	CARBURETOR REPAIR SET	1
3	6H4-11193-00	. GASKET, head cover	1	19	6H4-14198-00	. GASKET	1
4	90430-14115	. GASKET	1	20	676-14966-00	. CAP	3
5	6H4-12414-00	. GASKET, thermostat	1	21	6H3-14590-00	. VALVE SEAT ASS'Y	3
6	6H4-41114-00	. GASKET, exhaust cover	2	22	663-14159-00	. CLIP	3
7	6H4-15369-00	. GASKET, oil seal housing	1	23	676-14186-00	. PIN, valve	3
8	93104-16M01	. OIL SEAL	2	24	6G1-14985-00	. FLOAT COMP.	3
9	93102-25M28	. OIL SEAL	1	25	688-14548-00	. PIN, float	3
10	93210-58M21	. O-RING	1	26	6G1-14984-00	. O-RING	3
11	6H4-13621-00	. PACKING, valve seat	2	27	90159-04M00	. SCREW, with washer	3
12	6H4-14198-00	. GASKET	1	28	93210-04230	. O-RING	3
13	6H3-14457-00	. SEAL	3	29	663-14126-00	. PACKING	3
14	6G1-14984-00	. O-RING	3	30	688-14126-00	. PACKING	3
15	93210-37M25	. O-RING	1	31	692-14923-00	. SCREW, adjusting	3
16	650-24431-00	. GASKET, fuel pump	1	32	93210-15M52	. O-RING	3

Fig. 28 REPAIR KIT 2

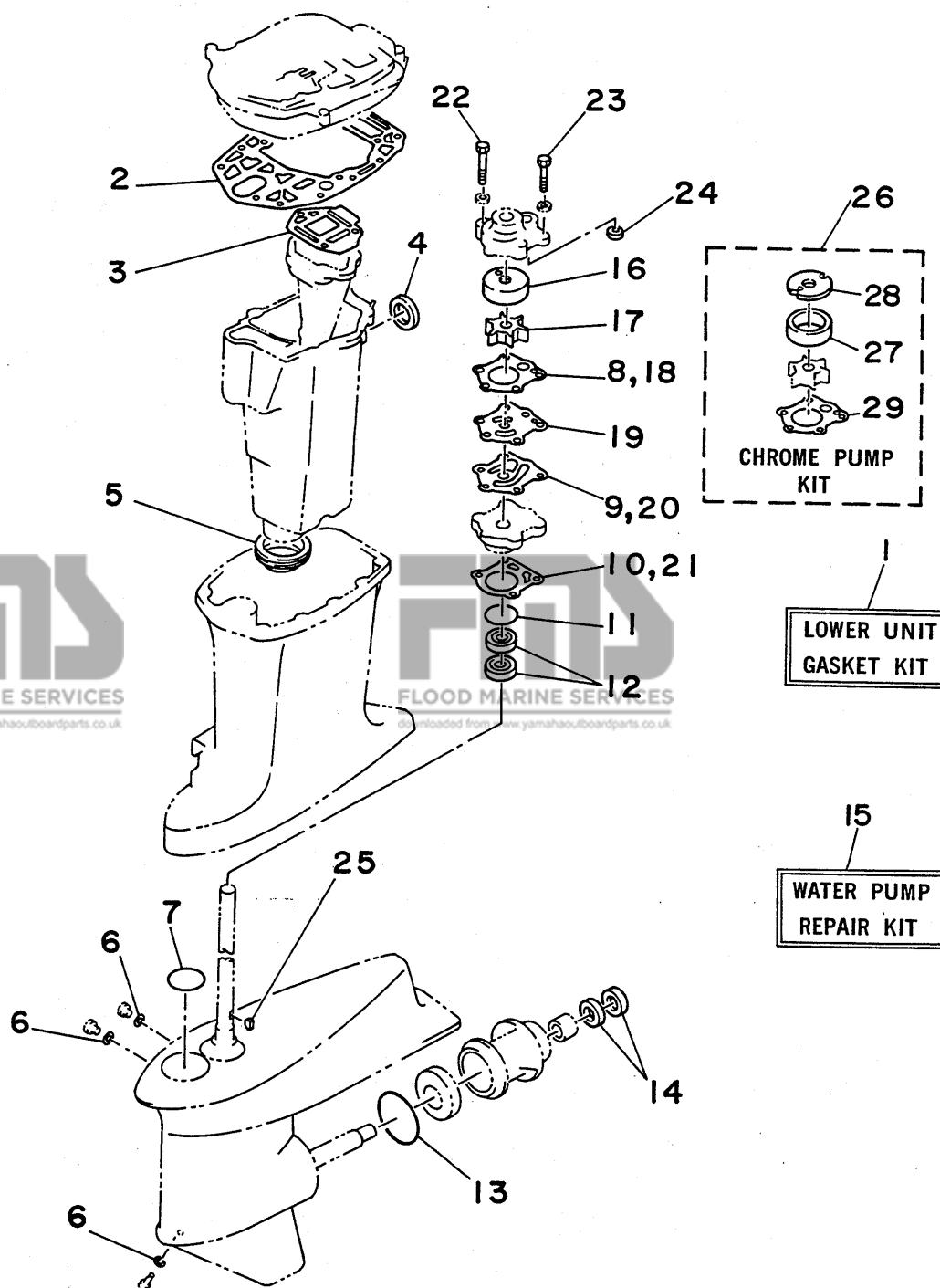


Fig. 28 REPAIR KIT 2

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 2	1	17	6H4-44352-00	. IMPELLER	1
3	6H4-41134-00	. GASKET, exhaust manifold 2	1	18	663-44315-00	. GASKET, water pump 1	1
4	6H4-41133-00	. GASKET, exhaust manifold	1	19	663-44323-00	. OUTER PLATE, cartridge	1
5	663-45123-00	. GASKET, muffler	1	20	663-44324-00	. GASKET, cartridge outer plate	1
6	90430-08020	. GASKET	3	21	663-44316-00	. GASKET, water pump 2	1
7	93210-49046	. O-RING	1	22	97395-08055	. BOLT	2
8	663-44315-00	. GASKET, water pump 1	1	23	97395-08045	. BOLT	2
9	663-44324-00	. GASKET, cartridge outer plate	1	24	663-44366-00	. DAMPER, water seal 2	1
10	663-44316-00	. GASKET, water pump 2	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



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Fig. 1 CRANKCASE & CYLINDER

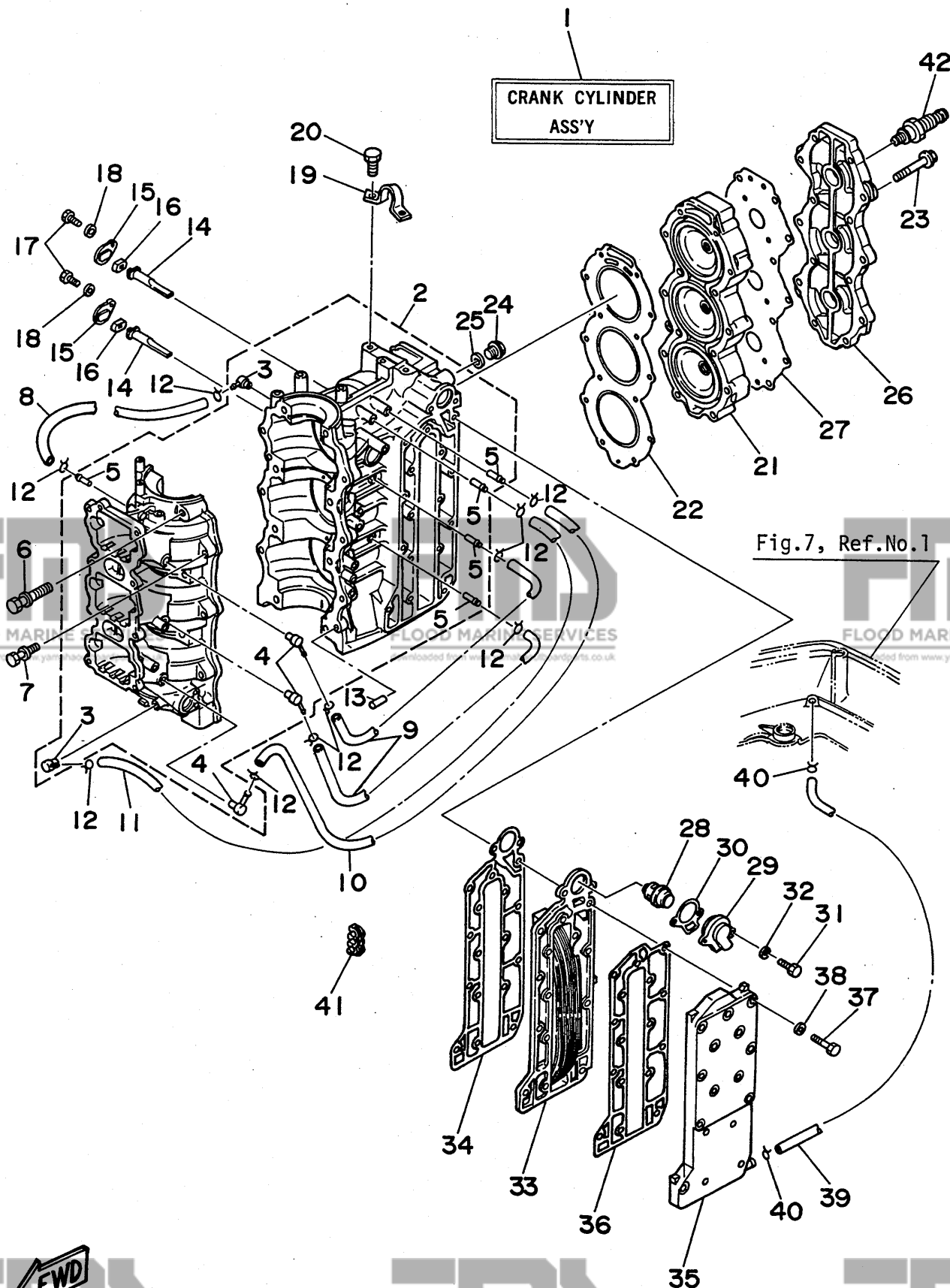


Fig. 1 CRANKCASE & CYLINDER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-W0090-12-EJ	CRANK CYLINDER ASS'Y (Ref. No. 2 to 41 and Fig. 2, Ref. No. 1 to 19)	1	21	6H3-11111-01-94	HEAD, cylinder	1
2	6H3-15100-10-94	CRANKCASE ASS'Y	1	22	6H3-11181-01	GASKET, cylinder head	1
3	688-11370-00	. CHECK VALVE ASS'Y	2	23	90119-08M09	BOLT, with washer	14
4	650-11370-00	. CHECK VALVE ASS'Y	3	24	90340-14M00	PLUG, straight screw	1
5	624-14485-00	. PIPE, joint	5	25	90430-14115	GASKET	1
6	90119-10M07	BOLT, with washer	8	26	6H3-11191-00-9M	COVER, cylinder head	1
7	90119-08M17	BOLT, with washer	6	27	6H3-11193-00	GASKET, head cover	1
8	90445-07M44	HOSE	1	28	6H3-12411-01	THERMOSTAT	1
9	90445-07M02	HOSE	2	29	6H3-12413-00-94	COVER, thermostat	1
10	90445-07M45	HOSE	1	30	6H3-12414-00	GASKET, cover	1
11	90445-07M82	HOSE	1	31	97313-06025	BOLT	2
12	90467-06016	CLIP	10	32	92903-06600	WASHER	2
13	93608-12063	PIN, dowel B	2	33	6H3-41111-00-9M	INNER COVER, exhaust	1
14	6H3-11325-00	ANODE	2	34	6H3-41112-00	GASKET, exhaust inner cover	1
15	6H3-11327-00-94	COVER, anode	2	35	6H3-41113-00-9M	OUTER COVER, exhaust	1
16	6H3-11328-00	GROMMET, anode	2	36	6H3-41114-00	GASKET, exhaust outer cover	1
17	97313-06016	BOLT	2	37	97313-06035	BOLT	16
18	92903-06600	WASHER	2	38	92903-06600	WASHER	16
19	688-11119-00	HANGER, engine	1	39	663-24312-01	HOSE 2	1
20	97313-08020	BOLT	2	40	90467-08004	CLIP	2
				41	90464-07M05	CLAMP	1
				42	94702-00247	PLUG, spark (BR8HS 10) NGK	3

Fig. 2 CRANK & PISTON

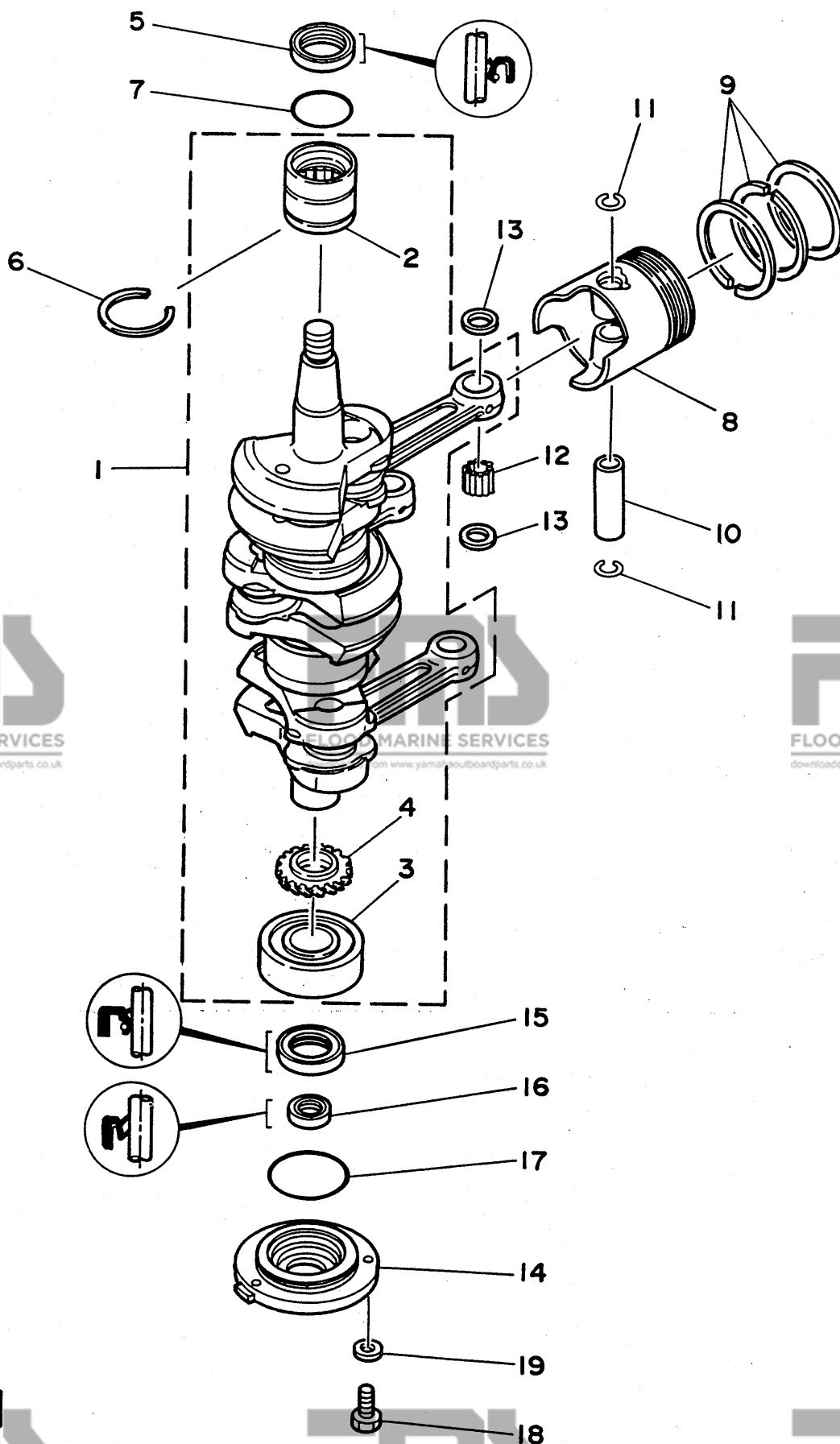


Fig. 2 CRANK & PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-11400-10	CRANK ASS'Y	1	9	6H3-11610-20	PISTON RING SET (2nd O.S.)	3 A.P.
2	93311-636U6	. BEARING, needle	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 B	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 (S.T.D.)	3	16	93106-18M01	OIL SEAL	1
	6H3-11635-00	PISTON (1st O.S.)	3 A.P.	17	93210-65M50	O-RING	1
	6H3-11636-00	PISTON (2nd O.S.)	3 A.P.	18	97395-06020	BOLT	3
9	6H3-11610-00	PISTON RING SET (S.T.D.)	3	19	92990-06600	WASHER	3
	6H3-11610-10	PISTON RING SET (1st O.S.)	3 A.P.				

Fig. 3 INTAKE

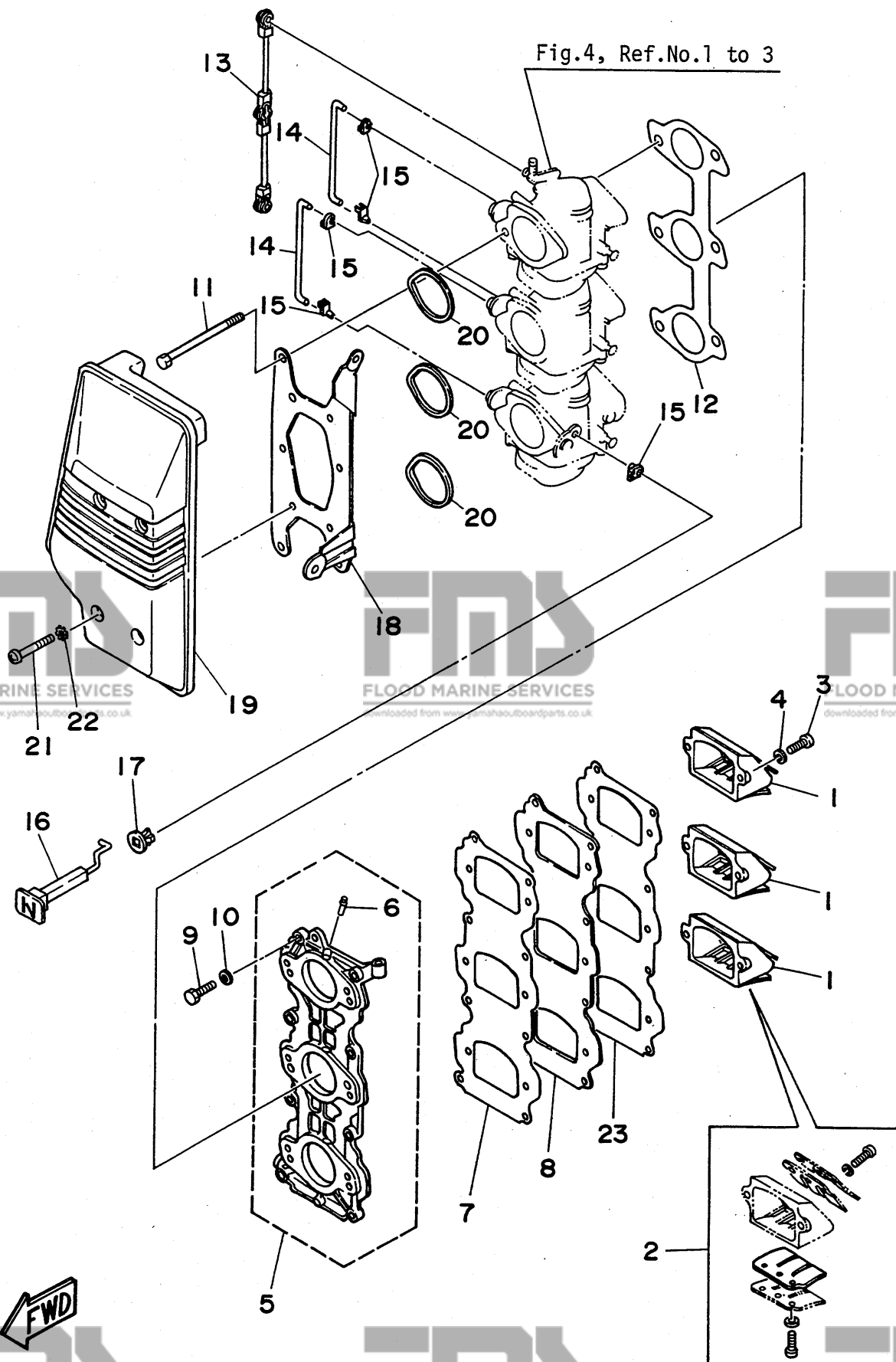


Fig. 3 INTAKE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H2-13610-00	REED VALVE ASS'Y (60F Model)	3 U.R.	12	6H3-14198-01	GASKET	1
	6H3-13610-00	REED VALVE ASS'Y (70B Model)	3 U.R.	13	6H3-41217-00	ROD, accel. lever	1
2	688-W0004-00	. REED SET	1	14	6H3-41257-00	ROD, choke link 2	2
3	97803-05020	SCREW	6	15	661-41262-02	JOINT, choke lever	5
4	92903-05100	WASHER	6	16	6H3-41271-00	KNOB, choke	1
5	6H3-13641-10-94	MANIFOLD, intake	1	17	689-41273-00	GROMMET	1
6	6H1-14485-00	. PIPE, joint 1	3	18	6H3-14413-00	STAY 1	1
7	6H3-13621-00	PACKING, valve seat	1	19	6H3-14440-00	SILENCER COMP.	1
8	6H3-13624-00-94	PLATE, reed valve	1	20	6H3-14457-00	SEAL	3
9	97313-06025	BOLT	8	21	97803-06045	SCREW	4
10	92903-06600	WASHER	8	22	90209-06M05	WASHER	4
11	97313-06095	BOLT	6	23	6H3-13622-00	PACKING, valve seat	1

Fig. 4 CARBURETOR

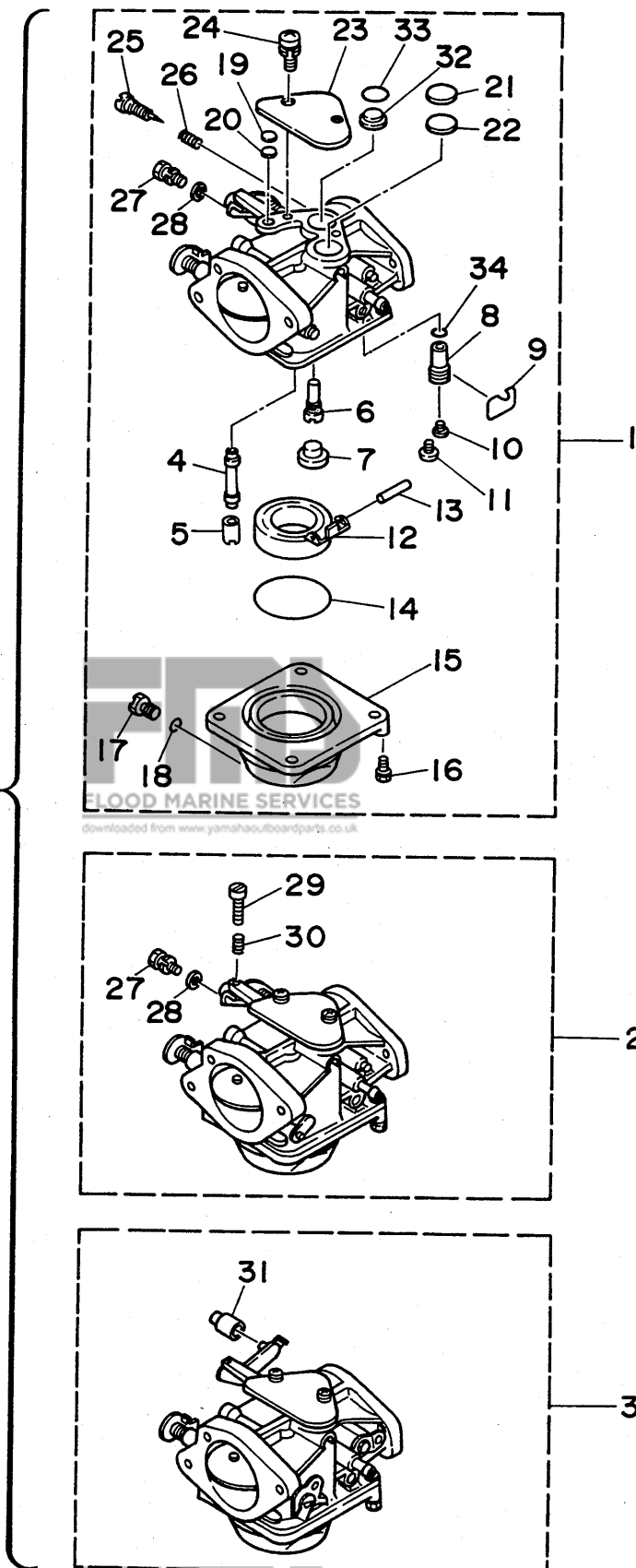
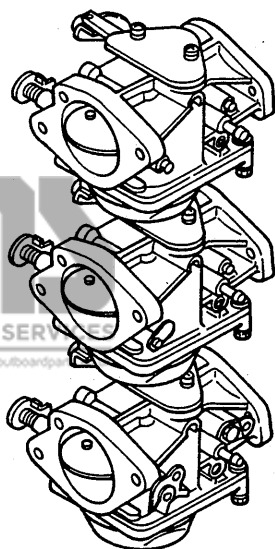


Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H2-14301-05	CARBURETOR ASS'Y (Upper) (60F Model)	1 U.R.	11	98502-04008	. SCREW, panhead	3
	6H3-14301-05	CARBURETOR ASS'Y (Upper) (70B Model)	1 U.R.	12	661-14985-00	. FLOAT COMP.	3
2	6H2-14302-05	CARBURETOR ASS'Y (Center) (60F Model)	1 U.R.	13	688-14548-00	. PIN, float	3
	6H3-14302-05	CARBURETOR ASS'Y (Center) (70B Model)	1 U.R.	14	661-14984-00	. O-RING	3
3	6H2-14303-05	CARBURETOR ASS'Y (Lower) (60F Model)	1 U.R.	15	6H2-14980-00	. BODY, float chamber	3
	6H3-14303-05	CARBURETOR ASS'Y (Lower) (70B Model)	1 U.R.	16	90159-04M00	. SCREW, with washer	12
4	6H2-14947-02	. NOZZLE, main (60F Model)	3 U.R.	17	663-14992-00	. SCREW, drain	3
	6H3-14947-02	. NOZZLE, main (70B Model)	3 U.R.	18	93210-04230	. O-RING	3
5	676-14943-35	. JET, main (#140) (Upper/Center)(60F Model)	2 U.R.	19	663-14126-00	. PACKING	3
	676-14943-36	. JET, main (#145) (Lower) (60F Model)	1 U.R.	20	663-14527-00	. PLATE	3
	676-14943-37	. JET, main (#150)(70B Model)	3 U.R.	21	688-14126-00	. PACKING	3
6	6H2-14948-15	. JET, slow (#70)(60F Model)	3 U.R.	22	688-14527-00	. PLATE	3
	6H2-14948-18	. JET, slow (#78)(70B Model)	3 U.R.	23	6H2-14527-00	. STAY, plate	3
7	676-14966-00	. CAP	3 U.R.	24	90159-05017	. SCREW, with washer	6
8	6H3-14590-00	. VALVE SEAT ASS'Y	3	25	692-14923-00	. SCREW, adjusting	3
9	663-14159-00	. CLIP	3	26	679-14555-00	. SPRING, compression	3
10	676-14186-00	. PIN, valve	3	27	663-14592-00	. SCREW (Upper, Center)	2
				28	90201-05652	. WASHER (Upper, Center)	2
				29	663-14523-00	. SCREW, stop (Center)	1
				30	90501-10326	. SPRING, compression (Center)	1
				31	676-14578-00	. COLLAR (Lower)	1
				32	6H3-14578-00	. COLLAR	3
				33	93210-15M52	. O-RING	3
				34	93210-04228	. O-RING	3

Fig. 5 FUEL

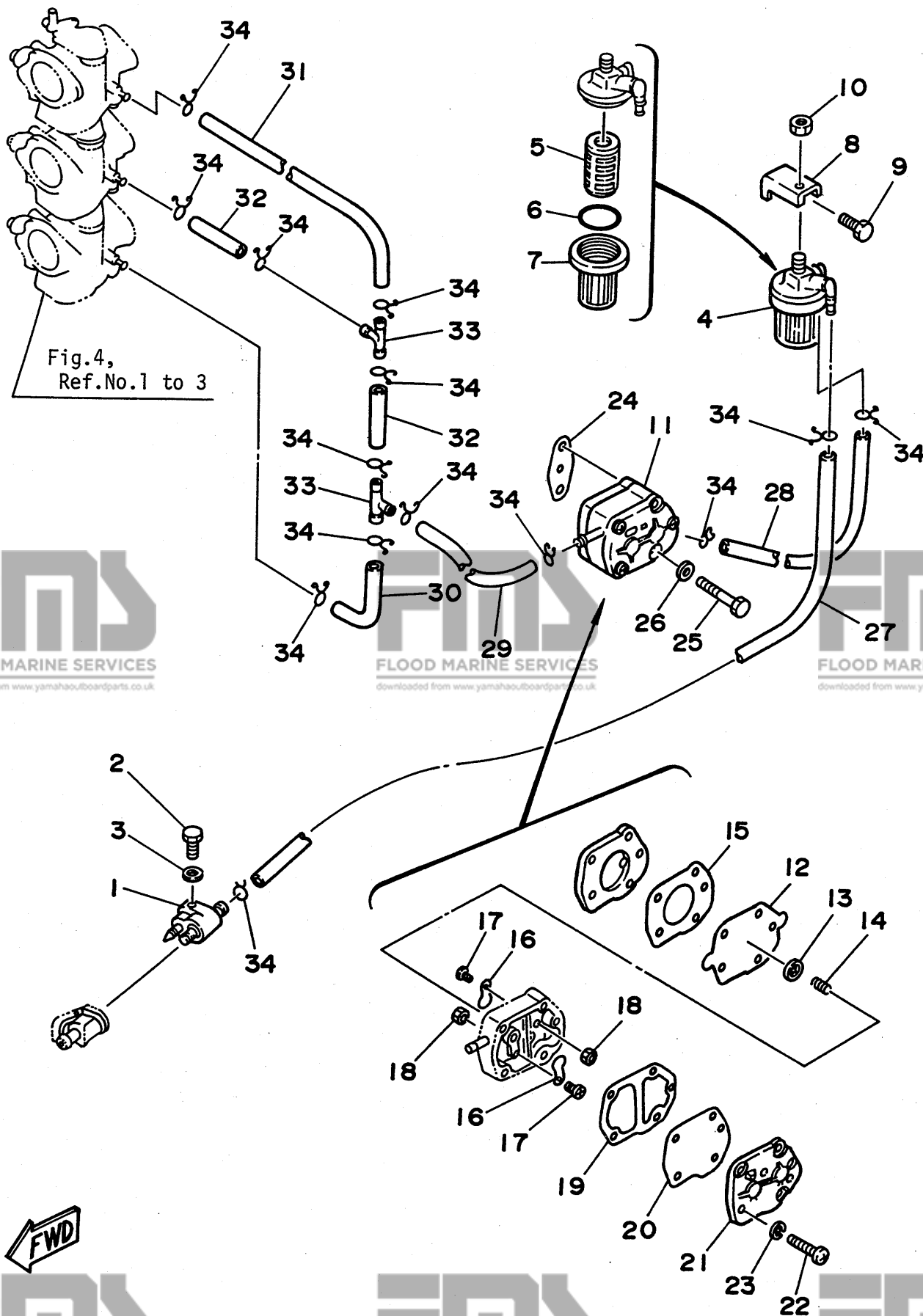


Fig. 5 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G1-24304-01	FUEL PIPE JOINT COMP. 1	1	18	98813-03100	. NUT	2
2	97313-06025	BOLT	1	19	648-24435-02	. GASKET, body 2	1
3	92990-06600	WASHER	1	20	663-24411-00	. DIAPHRAGM	1
4	655-24560-01	FILTER ASS'Y	1	21	6A0-24413-00	. COVER, pump	1
5	6F5-24563-00	. ELEMENT, filter	1	22	98503-05028	. SCREW, panhead	3
6	93210-37M25	. O-RING	1	23	92990-05100	. WASHER	3
7	655-24521-01	. CUP, filter	1	24	650-24431-00	GASKET, fuel pump	1
8	648-24566-01	BRACKET, filter	1	25	97313-06040	BOLT	2
9	97313-06014	BOLT	1	26	92903-06600	WASHER	2
10	95303-08600	NUT	1	27	90445-09M75	HOSE	1
11	6A0-24410-02	FUEL PUMP ASS'Y	1	28	90445-09072	HOSE	1
12	648-24411-00	. DIAPHRAGM	1	29	90445-09072	HOSE	1
13	648-24424-00	. PLATE, spring guide	1	30	6H3-24313-00	HOSE 3	1
14	648-24423-00	. SPRING, diaphragm	1	31	6H3-24314-00	HOSE 4	1
15	648-24434-00	. GASKET, body 1	1	32	90445-09M22	HOSE	2
16	6A0-24421-01	. VALVE, check	2	33	688-24378-00	PIPE, joint	2
17	90147-03M00	. SCREW, panhead	2	34	90467-08004	CLIP	14

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Fig. 6 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-42610-E0-EJ	TOP COWLING ASS'Y (70B Model)	1 U.R.	12	6H3-42652-00	. HOOK 2	2
	6H2-42610-E0-EJ	TOP COWLING ASS'Y (60F Model)	1 U.R.	13	97313-06016	. BOLT	2
2	6H3-W0070-E0	. GRAPHIC SIDE SET	1	14	92903-06100	. WASHER	2
3	6H3-42686-00	. EMBLEM, front (70B Model)	1 U.R.	15	92903-06600	. WASHER	2
	6H2-42686-00	. EMBLEM, front (60F Model)	1 U.R.	16	90266-06009	. RIVET	6
4	6H3-42687-00	. EMBLEM, rear (70B Model)	1 U.R.	17	6H3-42617-10	. DAMPER, form 1	1
	6H2-42687-00	. EMBLEM, rear (60F Model)	1 U.R.	18	6H3-42619-00	. DAMPER, form 2	1
5	90183-05M01	. NUT, spring	8	19	6H3-42627-00	. DAMPER, form 3	1
6	6H3-42613-00-EJ	. MOLDING, air duct	1	20	6H3-42637-00	. DAMPER, form 4	1
7	97313-06016	. BOLT	4	21	6H3-42615-00	. SEAL	1
8	92903-06600	. WASHER	4	22	6H1-21732-00	. SEAL	1
9	6H3-42647-00-94	. HOLDER, clamp band 1	1	23	6H3-13436-00	. MARK	1
10	6H3-42649-00-94	. HOLDER, clamp band 2	1	24	6H1-42684-00	MARK, cowling (60FET0/70BET0 Model)	1
11	663-42662-00	. DAMPER 1	3				

Fig. 7 BOTTOM COWLING

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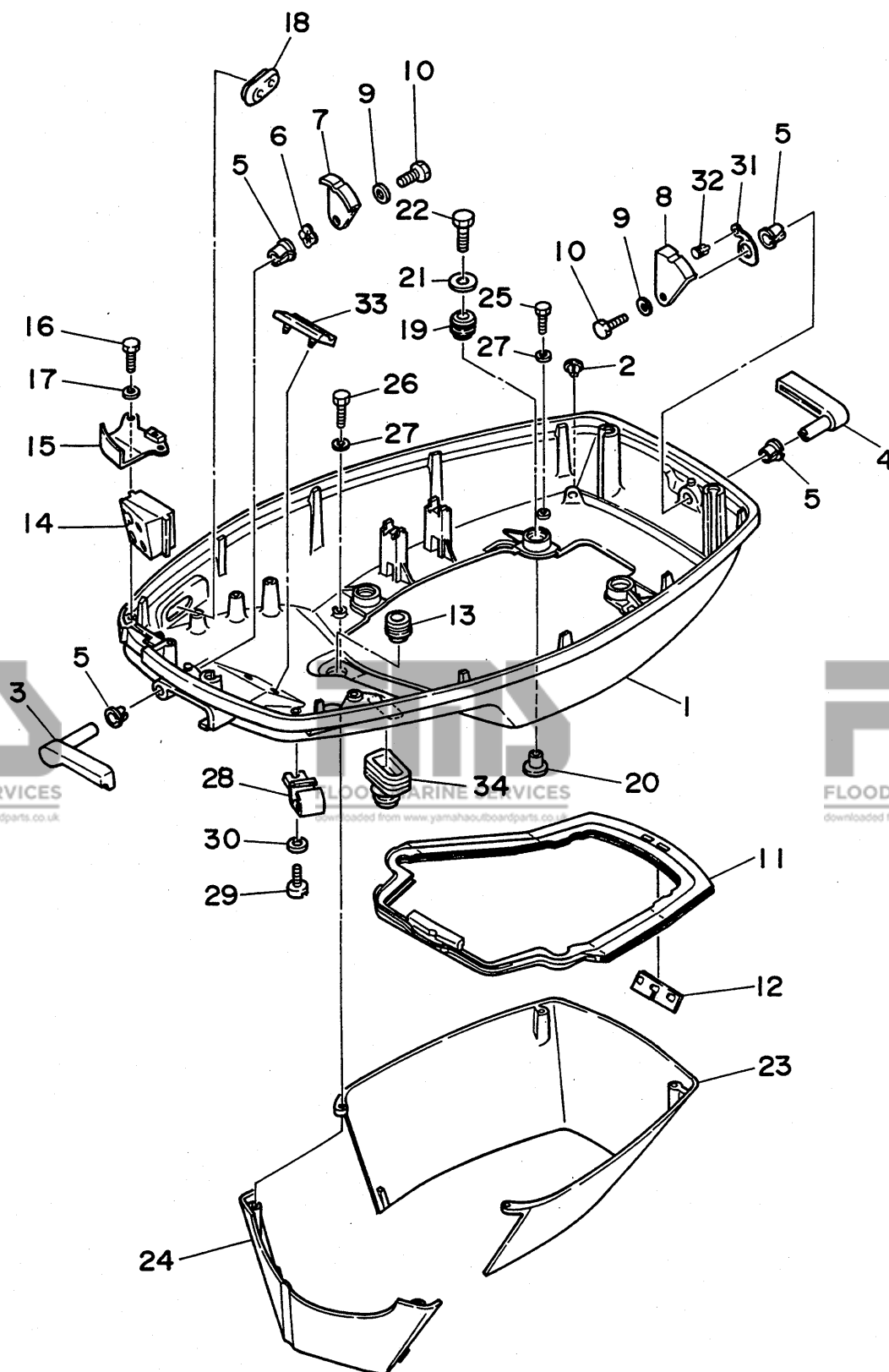
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Fig. 7 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-42711-01-EJ	COWLING, bottom (60FEO/70BEO Model)	1 U.R.	17	92903-06600	WASHER	2
	6H3-42711-20-EJ	COWLING, bottom (60FETO/70BETO Model)	1 U.R.	18	6H3-42727-00	GROMMET 4	1
2	6H3-44391-00	NIPPLE, hose	1	19	90480-09M12	GROMMET	4
3	6H3-42815-00-EJ	LEVER, clamp 1	1	20	90387-06M69	COLLAR	4
4	6H3-42817-00-EJ	LEVER, clamp 3	1	21	90201-06416	WASHER	4
5	90386-13M38	BUSHING	4	22	97313-06030	BOLT	4
6	90206-13M10	WASHER, wave	1	23	6H3-42741-00-EJ	APRON 1	1
7	6H3-42816-00	LEVER, clamp 2	1	24	6H3-42771-00-EJ	APRON 2	1
8	6H3-42818-00	LEVER, clamp 4	1	25	97313-06020	BOLT	2
9	90201-06068	WASHER	2	26	97313-06025	BOLT	2
10	97313-06012	BOLT	2	27	92903-06600	WASHER	4
11	6H3-42716-01	SEAL 1	1	28	6E5-24367-01	CLAMP, fuel pipe 2	2
12	6K5-42717-00	SEAL 2	1	29	90157-06M01	SCREW	2
13	6E5-42724-00	GROMMET 1	1	30	92990-06600	WASHER	2
14	6H3-42725-10	GROMMET 2 (60FETO/70BETO Model)	1 U.R.	31	6H3-42813-00	SPRING, clamp lever	1
	6H3-42725-00	GROMMET 2 (60FEO/70BEO Model)	1 U.R.	32	90269-04M03	RIVET	1
15	6H3-42738-00-9M	PLATE, fitting	1	33	6H3-42768-00	DAMPER	1
16	97313-06016	BOLT	2	34	688-42726-10	GROMMET 3 (60FETO/70BETO Model)	1 U.R.
					6H4-42726-00	GROMMET 3 (60FEO/70BEO Model)	1 U.R.

Fig. 8 BRACKET I

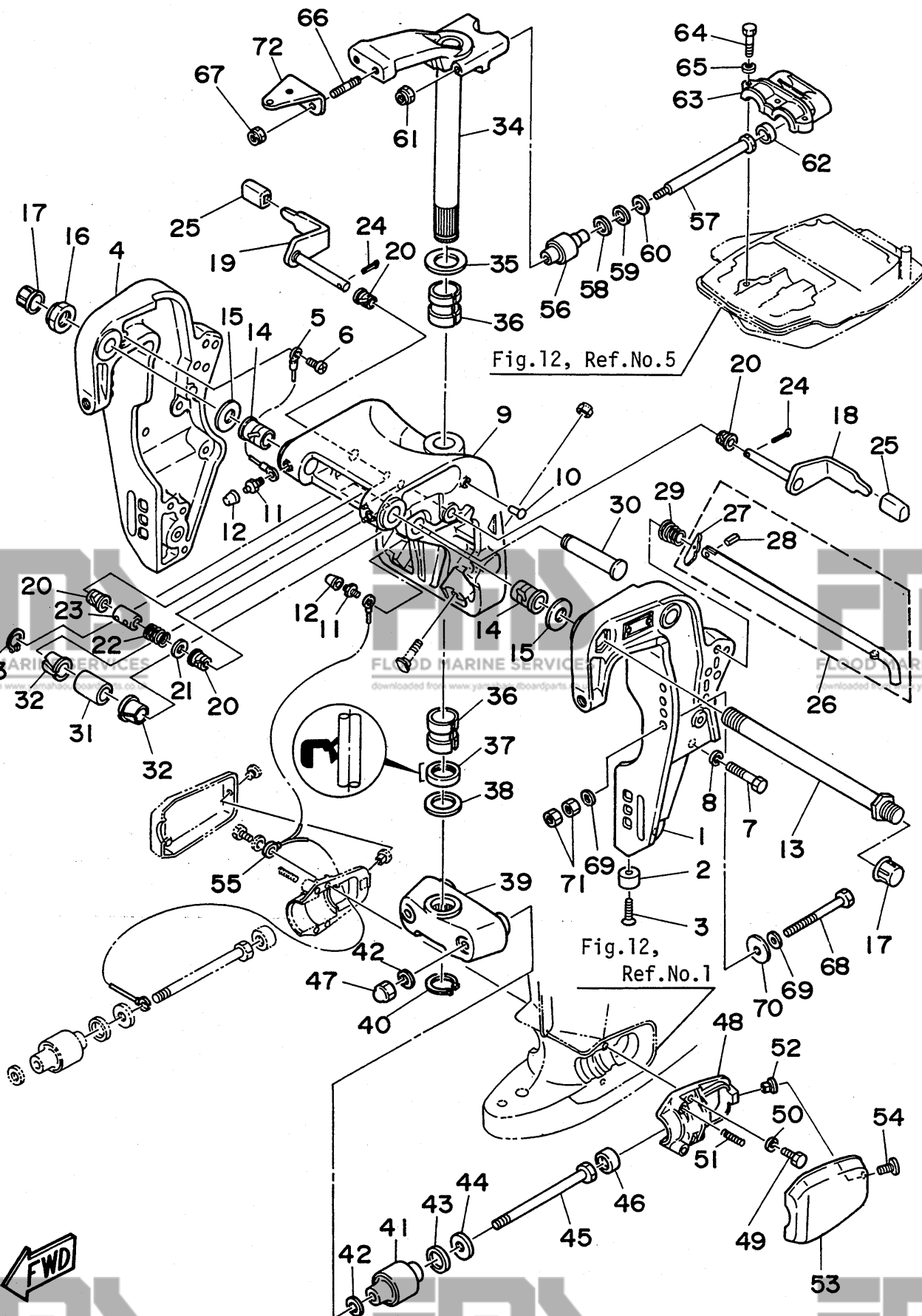


Fig. 8 BRACKET 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	697-43111-02-EJ	BRACKET, clamp 1 (Short)	1 U.R.	36	90386-30048	BUSHING	2
	688-43111-11-EJ	BRACKET, clamp 1 (Long)	1 U.R.	37	93109-30M03	OIL SEAL	1
2	688-45251-01	ANODE	1	38	90201-31418	WASHER	1
3	92180-06025	SCREW, ovalhead	1	39	6H3-44551-00-EJ	HOUSING, lower mount	1
4	697-43112-02-EJ	BRACKET, clamp 2 (Short)	1 U.R.	40	93410-28M06	CIRCLIP	1
	688-43112-11-EJ	BRACKET, clamp 2 (Long)	1 U.R.	41	687-44555-00-94	MOUNT DAMPER, lower side	2
5	688-82148-00	WIRE, lead 5	1	42	90201-12M16	WASHER	4
6	97890-06012	SCREW, panhead	1	43	90202-25M04	WASHER	2
7	97395-10045	BOLT	6	44	90201-13M19	WASHER	2
8	92990-10100	WASHER	6	45	90109-12M21	BOLT	2
9	697-43311-01-EJ	BRACKET, swivel 1 (Short)	1 U.R.	46	663-44575-00	DAMPER, lower mount 1	2
	688-43311-11-EJ	BRACKET, swivel 1 (Long)	1 U.R.	47	95380-12800	NUT, crown	2
10	90269-03010	RIVET 1	1	48	6H3-44552-01-EJ	HOUSING, lower mount	2
11	93700-06004	NIPPLE, grease	3	49	97375-08025	BOLT	4
12	663-45119-00	CAP, grease nipple	3	50	92990-08100	WASHER	4
13	688-43131-02	BOLT, clamp bracket	1	51	90501-14236	SPRING, compression	4
14	90386-22M15	BUSHING	2	52	90179-06066	NUT	2
15	90201-22M67	WASHER	2	53	6H3-44553-00-EJ	COVER, lower mount	2
16	90185-22043	NUT, self-locking	1	54	92380-06015	SCREW, cylinderhead	2
17	663-43145-00	CAP, clamp bracket	2	55	697-82127-01	WIRE, lead 2 (Short)	1 U.R.
18	688-43181-02	LEVER, tilt stop 1	1		688-82127-02	WIRE, lead 2 (Long)	1 U.R.
19	688-43185-02	LEVER, tilt stop 2	1	56	688-44514-00-94	MOUNT DAMPER, upper side	2
20	90386-10M16	BUSHING	4	57	90101-10M49	BOLT	2
21	92990-10200	WASHER	1	58	90201-20M21	WASHER	2
22	90501-10M21	SPRING, compression	1	59	90202-20M06	WASHER	2
23	90387-10M38	COLLAR	1	60	90201-11M22	WASHER	2
24	91490-30025	PIN, cotter	2	61	90185-10051	NUT, self-locking	2
25	663-43318-00	COVER	2	62	663-44575-00	DAMPER, lower mount	2
26	697-43160-00	TILT ROD ASS'Y (Short)	1 U.R.	63	688-44511-00-94	COVER, upper mount	1
	688-43160-01	TILT ROD ASS'Y (Long)	1 U.R.	64	97375-08035	BOLT	3
27	688-43165-00	. STOPPER PLATE, tilt lock rod	1	65	92990-08100	WASHER	3
28	91690-30012	. PIN, spring	1	66	90116-10175	BOLT, stud	2
29	90502-20M03	SPRING, conical (Short)	1 U.R.	67	90185-10051	NUT, self-locking	2
	90502-16M02	SPRING, conical (Long)	1 U.R.	68	90101-12M65	BOLT	4
30	6E5-43126-00	PIN, upper shock mount	1	69	92990-12200	WASHER	8
31	90386-18M21	BUSHING	1	70	90201-12426	WASHER	4
32	90386-18M35	BUSHING	2	71	95380-12600	NUT	8
33	93410-18M02	CIRCLIP	1	72	6H3-48511-50-EJ	HOOK, steering	
34	6H3-42510-00-EJ	STEERING BRACKET ASS'Y (Short)	1 U.R.			(Steering Guide Type)	1 U.R.
	6H3-42510-10-EJ	STEERING BRACKET ASS'Y (Long)	1 U.R.		688-48511-00-EJ	HOOK, steering	
						(Ball Post Type)	1 U.R.
35	90201-30420	WASHER	1				

Fig. 9 BRACKET 2 (MANUAL TILT)

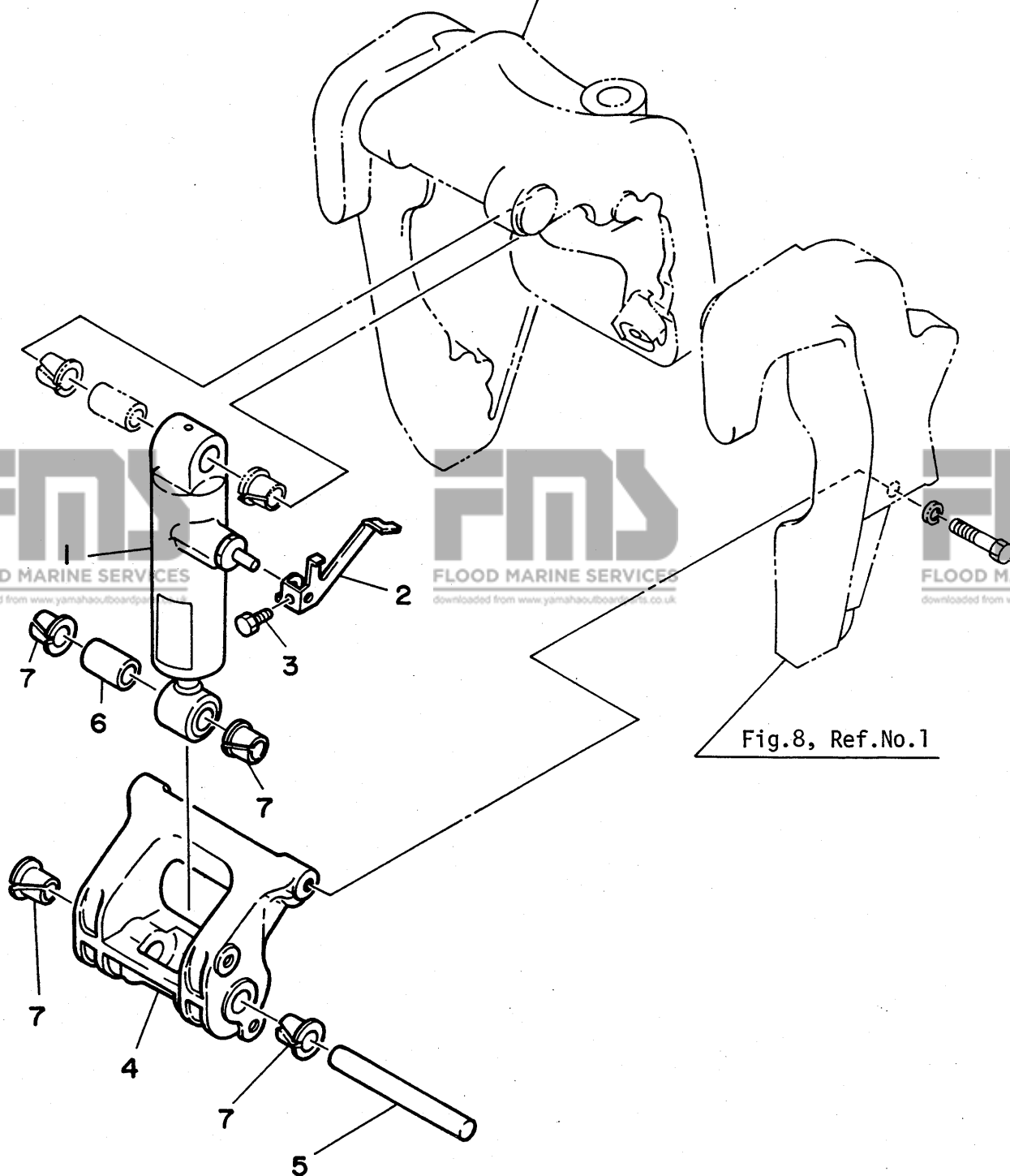
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Fig.8, Ref.No.1



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Fig. 9 BRACKET 2 (MANUAL TILT)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	697-43170-03-EJ	SHOCK ABSORBER ASS'Y (Short)	1 U.R.	4	697-43128-00-EJ	SPACER, clamp bracket (Short)	1 U.R.
	688-43170-04-EJ	SHOCK ABSORBER ASS'Y (Long)	1 U.R.		688-43128-01-EJ	SPACER, clamp bracket (Long)	1 U.R.
2	688-43631-00	LEVER, tilt 1	1	5	688-43124-01	PIN, lower shock mount	1
3	97380-06010	BOLT	1	6	90386-18M21	BUSHING	1
				7	90386-18M35	BUSHING	4

Fig. 10 POWER TRIM & TILT

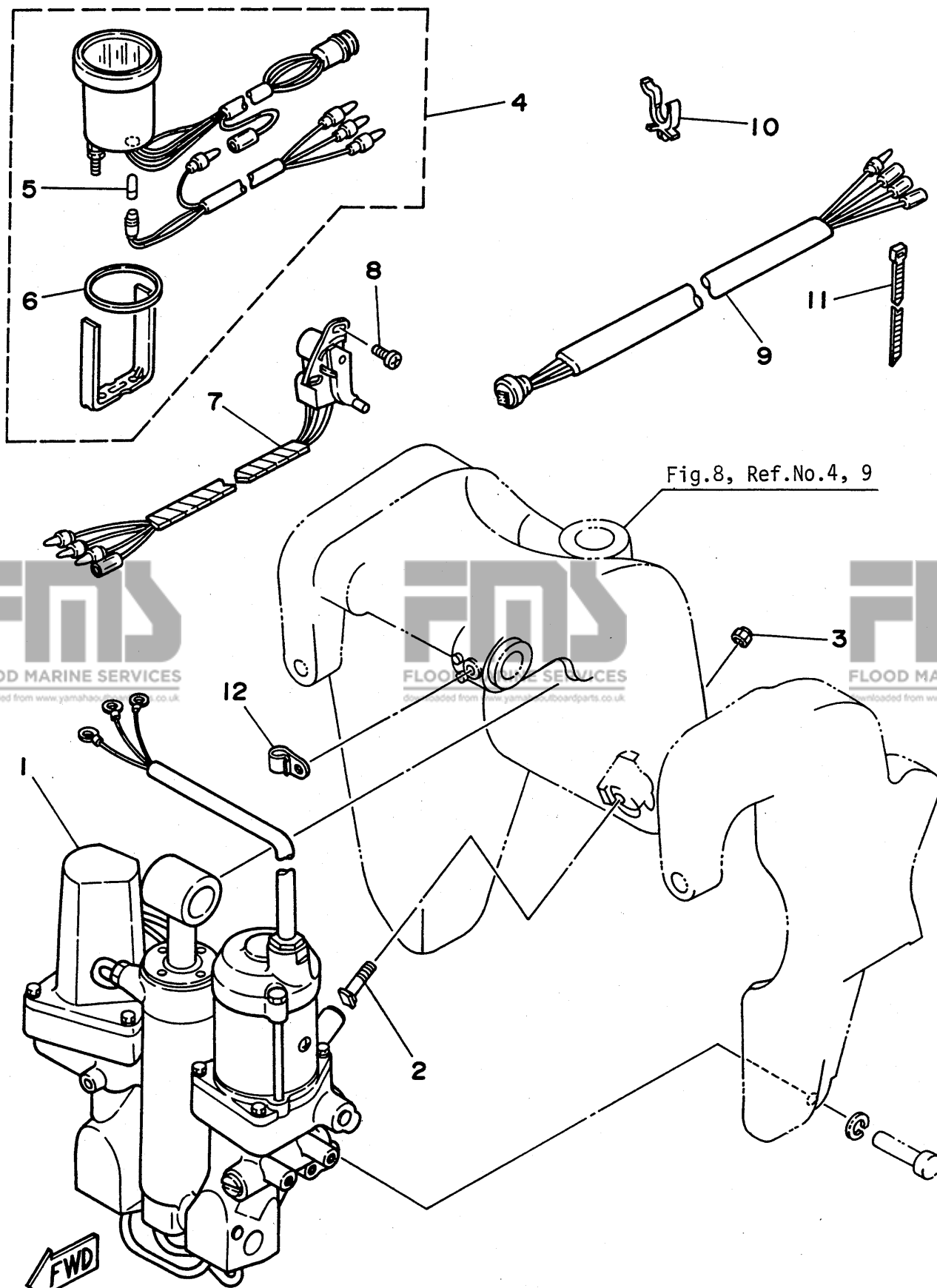


Fig. 10 POWER TRIM & TILT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
* 1	6H3-43800-02-EJ	POWER TRIM & TILT ASS'Y (Short)	1 U.R.	7	6E5-83672-01	TRIM SENDER	1
* 1	6H1-43800-00-EJ	POWER TRIM & TILT ASS'Y (Long)	1 U.R.	8	97890-06016	SCREW, panhead	2
2	688-43376-01	BOLT, thrust receiver	2	9	6E5-82553-10	EXTENSION, wire lead	1
3	90185-08057	NUT, self-locking	2	10	90464-15M08	CLAMP	1
4	6Y5-83670-00	TRIM GAUGE	1	11	90465-11M10	CLAMP	1
5	6Y5-83518-00	. BULB (12V-1.7W)	1	12	90465-08M07	CLAMP	1
6	688-83664-00	. DAMPER	1				

*See Fig. 19 & 20 for detail service parts.

Fig. 11 CONTROL

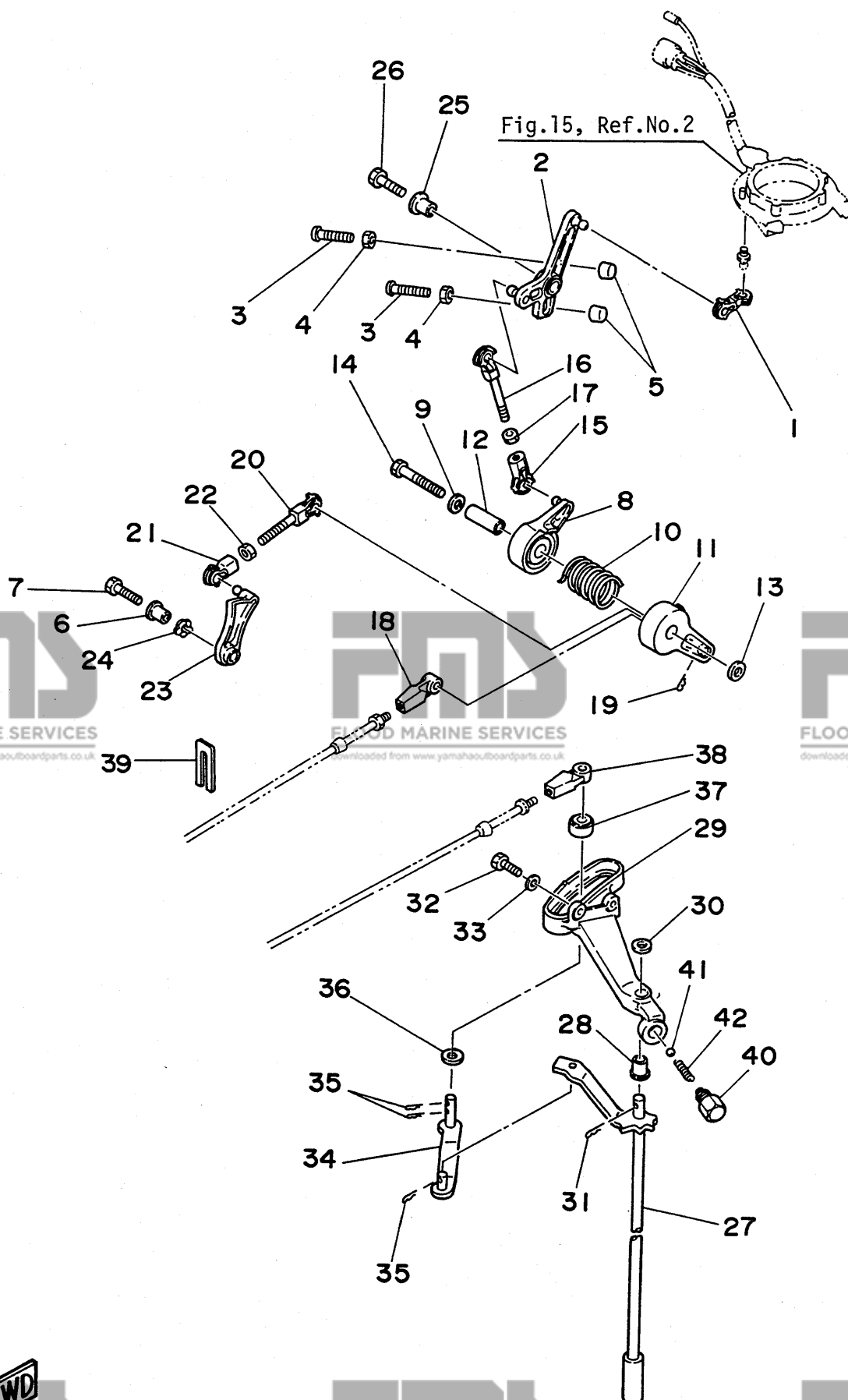


Fig. 11 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-41238-00	JOINT, link 1	1	23	6H3-41213-01	CAM, accel.	1
2	6H3-41631-00	LEVER, magneto control 1	1	24	90206-10M04	WASHER, wave	1
3	90157-06M00	SCREW	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 ASS'Y (Short)	1 U.R.
6	90387-06M60	COLLAR	1		6H3-44120-11	HANDLE GEAR SHIFT ASS'Y (Long)	1 U.R.
7	97313-06025	BOLT	1	28	90386-08006	BUSHING	1
8	6H3-41632-00	LEVER, magneto control 2	1	29	6H3-44117-00-94	BRACKET 1	1
9	90201-06M31	WASHER, plate	1	30	92990-08200	WASHER	1
10	90508-29M19	SPRING	1	31	91490-20012	PIN, cotter	1
11	6H3-41633-00	LEVER, magneto control 3	1	32	97313-06020	BOLT	2
12	90387-06M59	COLLAR	1	33	92903-06600	WASHER	2
13	90201-06M31	WASHER, plate	1	34	6H3-44121-00	LEVER, shift rod 1	1
14	97313-06045	BOLT	1	35	90468-18008	PIN, hair	3
15	662-41237-01	JOINT, link 2	1	36	90202-07M07	WASHER, plate	1
16	679-41636-00	ROD, magneto control	1	37	688-44122-00	BUSHING, shift rod lever	1
17	95303-05600	NUT	1	38	663-48344-00	CABLE END, remote control	1
18	663-48344-00	CABLE END, remote control	1	39	6H3-48538-00	CLAMP, cable	1
19	90468-18008	PIN, hair	1	40	648-42715-00	BUSHING	1
20	682-41237-50	JOINT, link 2	1	41	93501-04M02	BALL	1
21	662-41237-01	JOINT, link 2	1	42	90501-12082	SPRING, compression	1
22	95303-05600	NUT	1				

Fig. 12 UPPER CASING

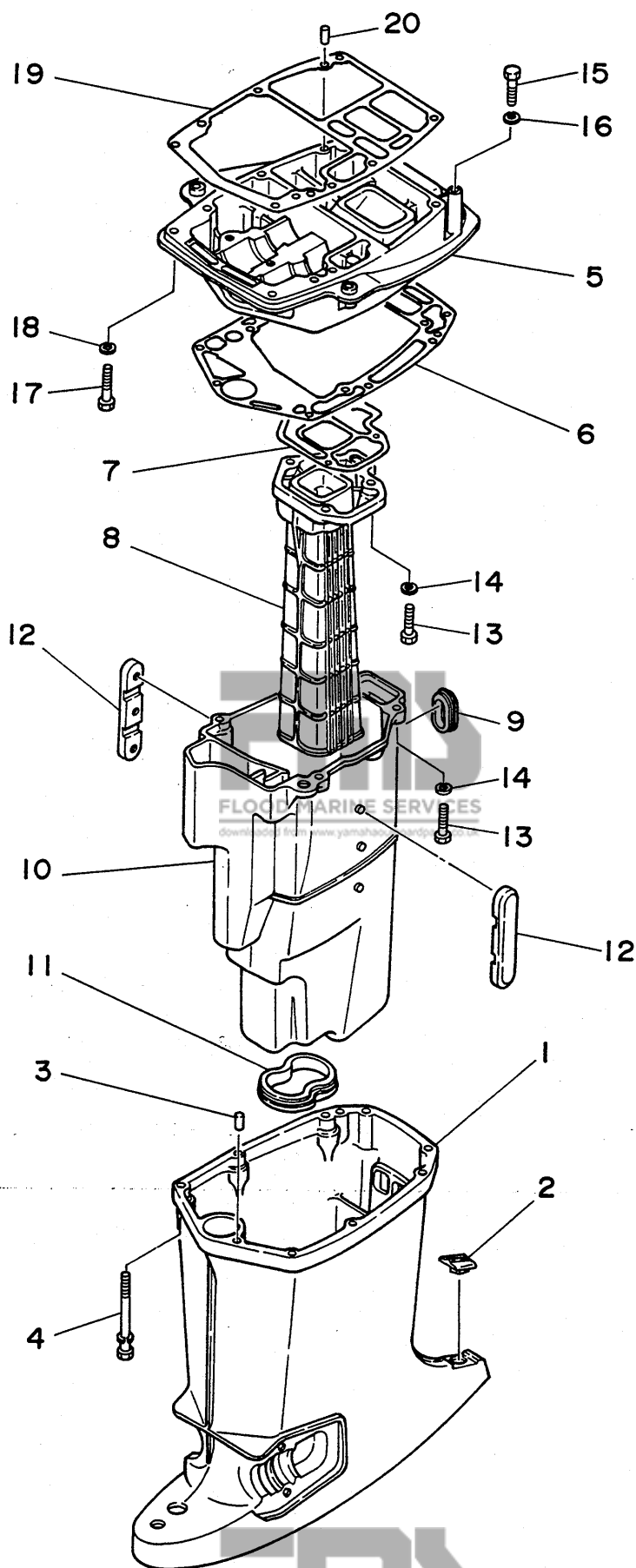
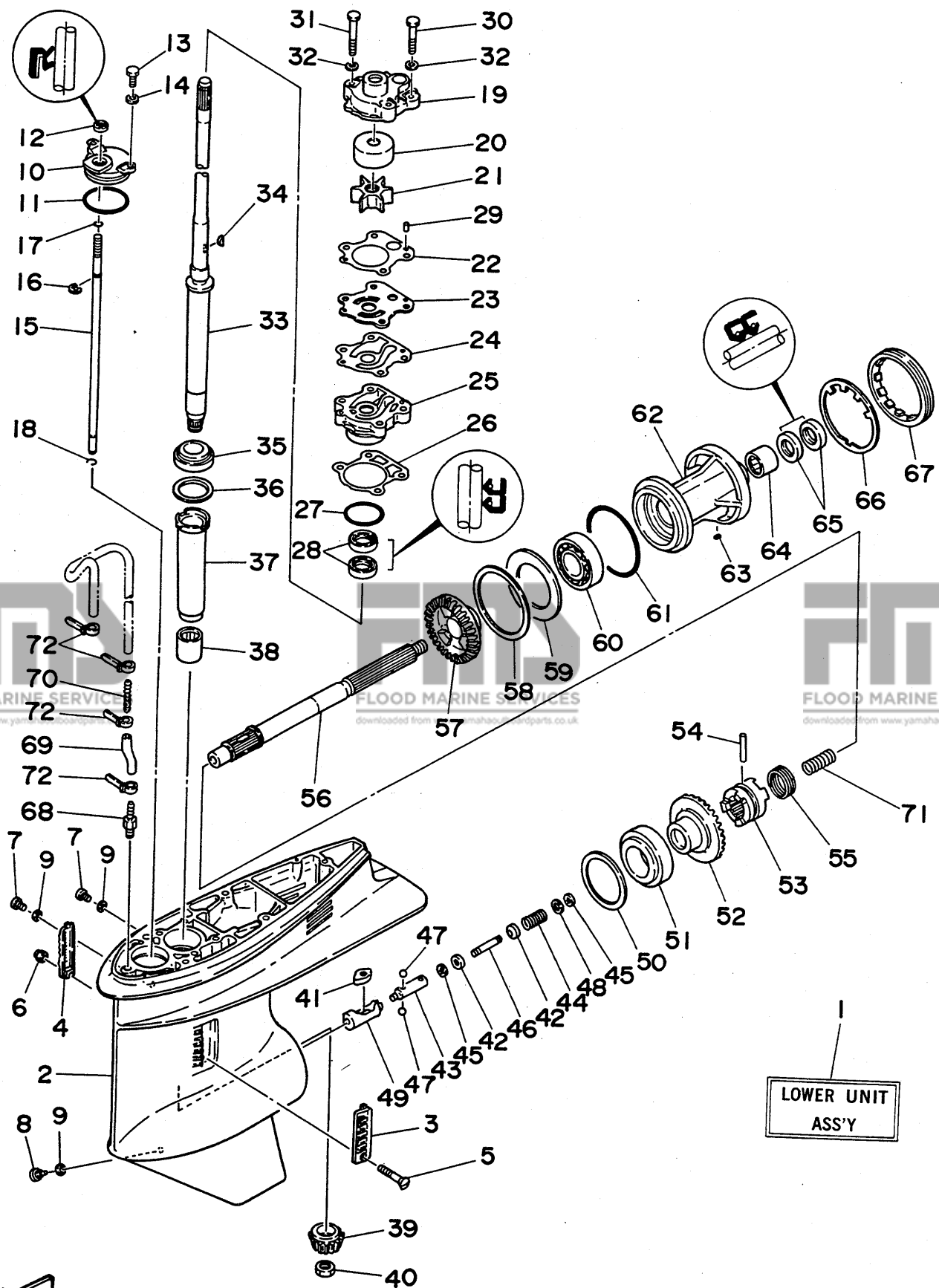


Fig. 12 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-45111-00-EJ	CASING, upper (Short)	1 U.R.	11	6H3-45123-00	GASKET, muffler	1
	6H3-45111-10-EJ	CASING, upper (Long)	1 U.R.	12	6H3-14737-00	DAMPER, muffler 1 (Short)	2 U.R.
2	6H3-45155-00	CAP	1		6H3-14737-10	DAMPER, muffler 1 (Long)	2 U.R.
3	93606-12019	PIN, dowel B	2	13	97375-08030	BOLT	7
4	90101-08M85	BOLT	6	14	92990-08100	WASHER	7
5	6H3-41137-00-94	GUIDE, exhaust	1	15	97375-08030	BOLT	2
6	6H3-45114-00	GASKET, upper casing 2	1	16	92990-08100	WASHER	2
7	6H3-41134-00	GASKET, exhaust manifold 2	1	17	97375-08035	BOLT	2
8	6H2-41131-00-9M	MANIFOLD, exhaust	1	18	92990-08100	WASHER	2
9	6H3-45127-00	SEAL	1	19	6H3-45113-00	GASKET, upper casing 1	1
10	6H3-14711-00-9M	MUFFLER (Short)	1 U.R.	20	93606-12019	PIN, dowel B	2
	6H3-14711-10-9M	MUFFLER (Long)	1 U.R.				

Fig. 13 LOWER & DRIVE I



**LOWER UNIT
ASS'Y**

Fig. 13 LOWER & DRIVE 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-45300-01-EJ	LOWER UNIT ASS'Y (Short)		38	93315-325V1	BEARING, needle	1
		(Ref. No. 2 to 71)	1 U.R.	39	6K5-45551-00	PINION (12T)	1
	6H3-45300-11-EJ	LOWER UNIT ASS'Y (Long)		40	90170-16M01	NUT	1
		(Ref. No. 2 to 71)	1 U.R.	41	6H1-44151-00	CAM, shift	1
2	6H1-45301-00-EJ	CASING, lower	1	42	6H1-45635-00	PLUNGER, shift	2
3	688-45214-01	COVER, water inlet 1	1	43	6H1-45634-01	SLIDE, shift	1
4	688-45215-01	COVER, water inlet 2	1	44	90501-12M48	SPRING, compression	1
5	98180-05045	SCREW	1	45	90183-02M03	NUT, spring	2
6	90185-05002	NUT, self-locking	1	46	6H1-45668-00	SHAFT, free	1
7	90340-08014	PLUG, straight screw	2	47	93503-16003	BALL	2
8	688-45341-00	PLUG, drain	1	48	90201-03313	WASHER, plate	1
9	90430-08020	GASKET	3	49	6H1-45641-01	SHIFTER	1
10	688-45321-00	PLATE	1	50	688-45567-00-05	SHIM 1 (0.05mm)	1 U.R.
11	93210-49046	O-RING	1		688-45567-00-08	SHIM 1 (0.08mm)	1 U.R.
12	93106-09014	OIL SEAL	1		688-45567-00-12	SHIM 1 (0.12mm)	1 U.R.
13	97395-06016	BOLT	2		688-45567-00-30	SHIM 1 (0.30mm)	1 U.R.
14	92990-06600	WASHER	2		688-45567-00-50	SHIM 1 (0.50mm)	1 U.R.
15	6H1-44144-00	ROD, shift 2	1	51	93332-000U5	BEARING, taper roller	1
16	93430-08006	CIRCLIP	1	52	6H3-45560-00	GEAR 1 ASS'Y (28T)	1
17	93210-07003	O-RING	1	53	6H1-45631-00	CLUTCH, dog	1
18	93450-07M00	CIRCLIP	1	54	90250-07M02	PIN, straight	1
19	6H3-44311-00	HOUSING, water pump 1	1	55	688-45633-00	RING, cross pin	1
20	663-44322-00	INSERT, cartridge	1	56	6H1-45611-00	SHAFT, propeller	1
21	6H3-44352-00	IMPELLER	1	57	6H3-45571-00	GEAR 2 (28T)	1
22	6H3-44315-00	GASKET, water pump 1	1	58	688-45577-00-05	SHIM 2 (0.05mm)	1 U.R.
23	6H3-44323-00	OUTER PLATE, cartridge	1		688-45577-00-08	SHIM 2 (0.08mm)	1 U.R.
24	6H3-44324-00	GASKET, outer plate	1		688-45577-00-12	SHIM 2 (0.12mm)	1 U.R.
25	6H3-44341-00-94	HOUSING, water pump 2	1		688-45577-00-30	SHIM 2 (0.30mm)	1 U.R.
26	688-44316-01	GASKET, water pump 2	1		688-45577-00-50	SHIM 2 (0.50mm)	1 U.R.
27	93210-46044	O-RING	1	59	688-45576-00	WASHER, thrust 2	1
28	93101-23070	OIL SEAL	2	60	93306-207U0	BEARING (B6207)	1
29	93604-10M03	PIN, dowel B	2	61	93210-85M15	O-RING	1
30	97395-08045	BOLT	2	62	688-45331-00-94	HOUSING, bearing 1	1
31	97395-08055	BOLT	2	63	90282-04010	KEY, straight	1
32	90209-08M02	WASHER	4	64	93317-325U0	BEARING, needle	1
33	6H3-45501-00	DRIVE SHAFT COMP. (Short)	1 U.R.	65	93101-25M03	OIL SEAL	2
	6H3-45501-10	DRIVE SHAFT COMP. (Long)	1 U.R.	66	688-45383-01	WASHER, claw	1
34	90280-03M03	KEY, woodruff	1	67	688-45384-00	NUT	1
35	93332-000U3	BEARING, taper roller	1	68	6E5-45378-00	NIPPLE, hose	1
36	688-45587-00-05	SHIM 3 (0.05mm)	1 U.R.	69	90445-07ME8	HOSE (Short)	1 U.R.
	688-45587-00-08	SHIM 3 (0.08mm)	1 U.R.		90445-07ME9	HOSE (Long)	1 U.R.
	688-45587-00-12	SHIM 3 (0.12mm)	1 U.R.	70	6E5-83558-10	END, nipple	1
	688-45587-00-30	SHIM 3 (0.30mm)	1 U.R.	71	90501-12M60	SPRING, compression	1
	688-45587-00-50	SHIM 3 (0.50mm)	1 U.R.	72	90465-11M10	CLAMP	4
37	688-45536-01	SLEEVE, drive shaft	1				

Fig. 14 LOWER & DRIVE 2

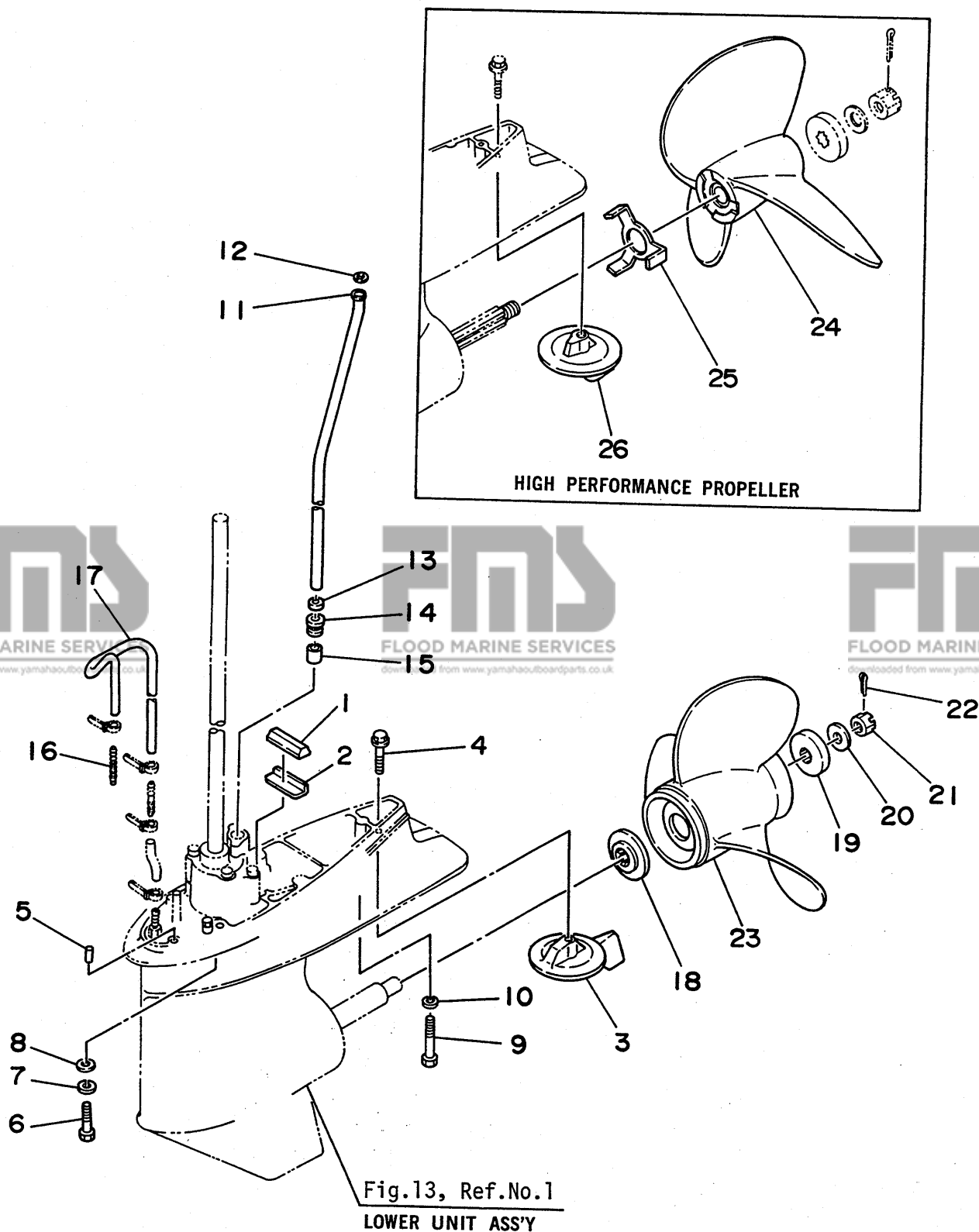


Fig. 14 LOWER & DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-45375-00	DAMPER, seal 2	1	23	6E5-45941-00-EL	PROPELLER ASS'Y 1(3x13"x19"-K)	1 U.R.
2	663-45376-00-94	GUIDE, seal damper	1		6E5-45943-00-EL	PROPELLER ASS'Y 2(3x12"x21"-K)	1 U.R.
3	688-45371-02	TAB-TRIM	1		6E5-45945-00-EL	PROPELLER ASS'Y 3(3x13"x17"-K)	1 U.R.
4	90105-10M00	BOLT	1		6E5-45947-00-EL	PROPELLER ASS'Y 4(3x13"x15"-K)	1 U.R.
5	93606-12019	PIN, dowel B	2		6E5-45949-00-EL	PROPELLER ASS'Y 5(3x13"x13"-K)	1 U.R.
6	97375-10040	BOLT	4		6E5-45952-00-EL	PROPELLER ASS'Y 6(3x13"x23"-K)	1 U.R.
7	92990-10100	WASHER	4		6E5-45954-00-EL	PROPELLER ASS'Y 7(3x14"x11"-K)	1 U.R.
8	92990-10600	WASHER	4		6E5-45956-00-EL	PROPELLER ASS'Y 8(3x13"x25"-K)	1 U.R.
9	97395-08060	BOLT	1		STAINLESS STEEL PROPELLER		
10	92990-08100	WASHER	1		688-45970-03-98	PROPELLER ASS'Y 20(3x13"x19"-K)	1 U.R.
11	6H3-44361-00	TUBE, water (Short)	1 U.R.		688-45972-02-98	PROPELLER ASS'Y 21(3x13"x21"-K)	1 U.R.
	6H3-44361-10	TUBE, water (Long)	1 U.R.		688-45974-02-98	PROPELLER ASS'Y 22(3x13"x23"-K)	1 U.R.
12	90202-12060	WASHER	1		688-45976-01-98	PROPELLER ASS'Y 23(3x13"x25"-K)	1 U.R.
13	90430-12072	GASKET	1		688-45978-60-98	PROPELLER ASS'Y 24(3x13"x16"-K)	1 U.R.
14	663-44367-00	WATER SEAL 3	1		688-45930-01-98	PROPELLER ASS'Y 25(3x13"x17"-K)	1 U.R.
15	663-44366-00	WATER SEAL 2	1		688-45932-60-98	PROPELLER ASS'Y 26(3x13"x14"-K)	1 U.R.
16	6E5-83558-00	END, nipple	1		HIGH PERFORMANCE PROPELLER		
17	90445-07MF1	HOSE	1	24	6E5-45970-10	PROPELLER ASS'Y (3x14"x20"-P)	1 U.R.
18	688-45987-00	SPACER 1	1		6E5-45972-10	PROPELLER ASS'Y (3x14"x24"-P)	1 U.R.
19	688-45997-00	SPACER 2	1		6E5-45974-10	PROPELLER ASS'Y (3x14"x28"-P)	1 U.R.
20	90201-17M25	WASHER	1		6E5-45976-10	PROPELLER ASS'Y (3x14"x22"-P)	1 U.R.
21	90171-16011	NUT, castle	1		6E5-45978-10	PROPELLER ASS'Y (3x14"x26"-P)	1 U.R.
22	91490-40025	PIN, cotter	1	25	6E5-45994-10	PLATE, tooth	1
				26	6E5-45371-10	TAB-TRIM	1

Fig. 15 C.D.I. MAGNETO

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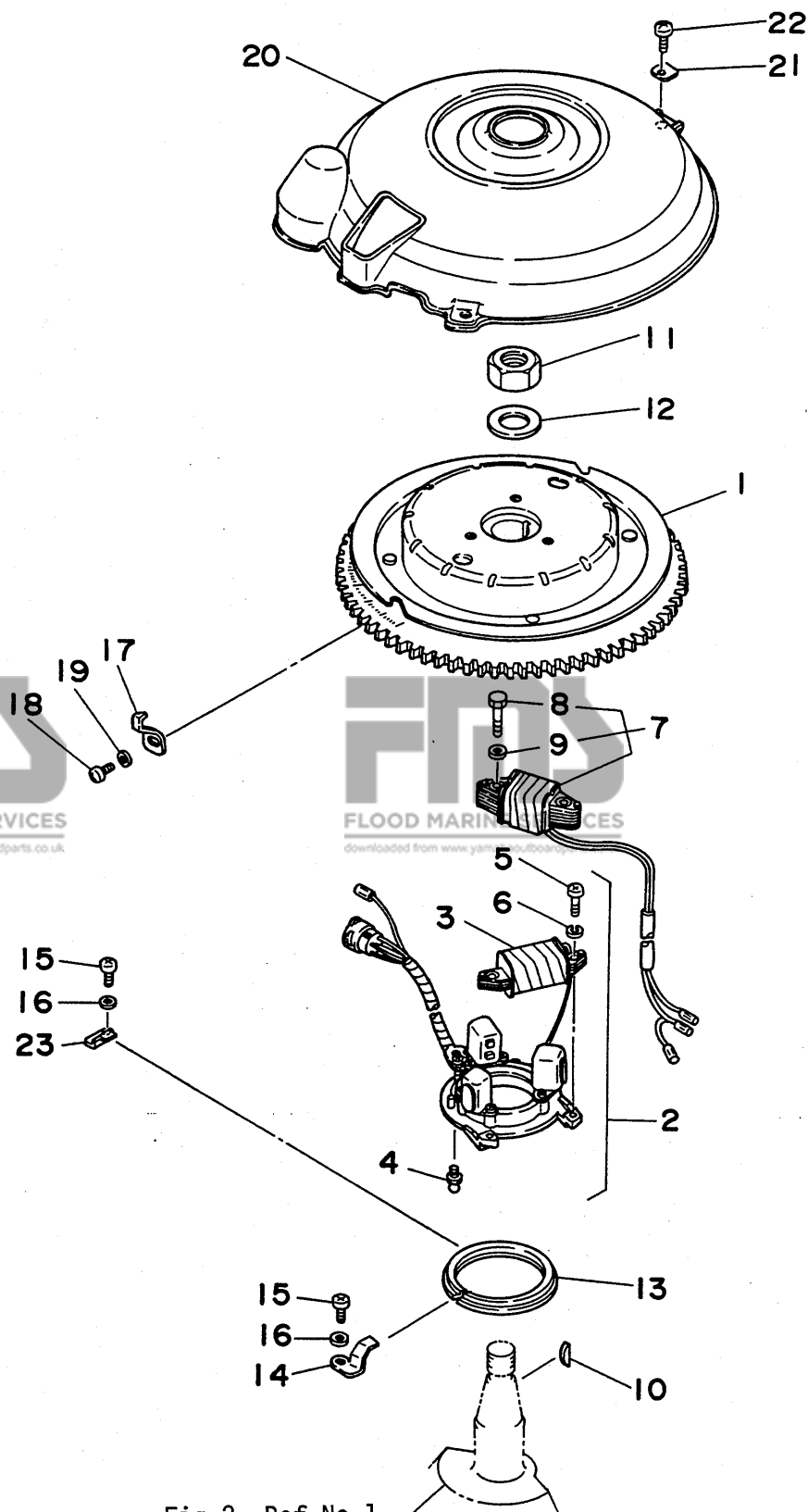


Fig.2, Ref.No.1

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Fig. 15 C.D.I. MAGNETO

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-85550-A0	ROTOR ASS'Y	1	13	6H3-41611-00	RETAINER, magneto base 1	1
2	6H3-85510-A0	STATOR ASS'Y	1	14	6H3-41612-00	RETAINER, magneto base 2	2
3	6H3-85520-00	. CHARGE COIL ASS'Y	1	15	97803-06012	SCREW, panhead	3
4	663-85518-00	. JOINT, ball	1	16	92903-06600	WASHER	3
5	98502-05016	. SCREW	2	17	6E5-81332-00	PLATE, timing	1
6	92902-05100	. WASHER	2	18	97803-06010	SCREW, panhead	1
7	6H3-81303-A0	LIGHTING COIL ASS'Y	1	19	92903-06600	WASHER	1
8	97313-06030	. BOLT	2	20	6H3-81337-00	COVER, flywheel	1
9	92903-06600	. WASHER	2	21	90209-06M04	WASHER	3
10	90280-05015	KEY, woodruff	1	22	97803-06016	SCREW	3
11	90170-20137	NUT	1	23	6H3-41612-10	RETAINER, magneto base 2	1
12	90201-21M18	WASHER	1				

Fig. 16 ELECTRIC MOTOR

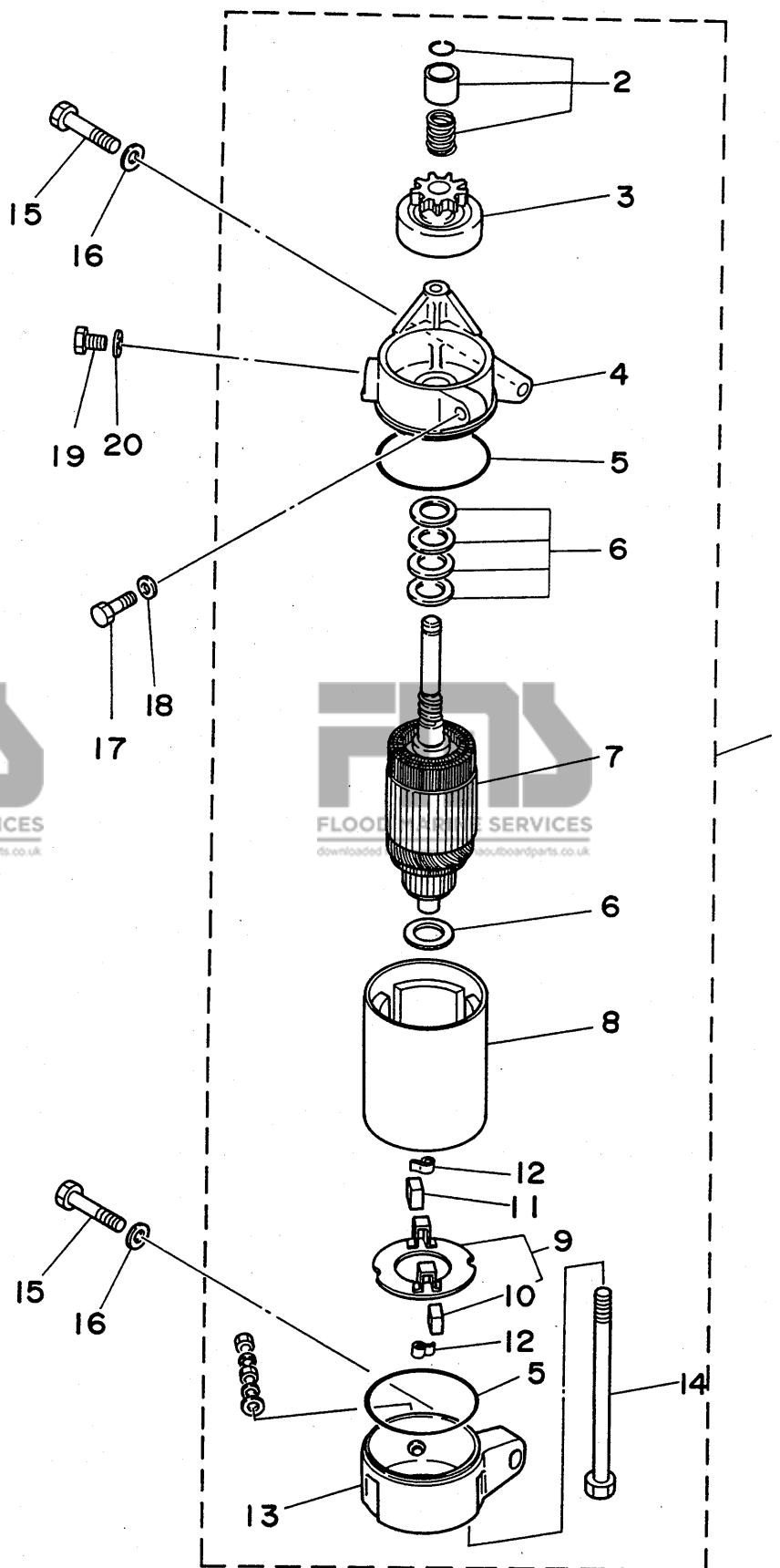


Fig. 16 ELECTRIC MOTOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-81800-10	ELECTRIC MOTOR ASS'Y	1	11	689-81811-11	. BRUSH 1 (+)	1
2	689-81857-11	. PINION STOPPER SET	1	12	689-81813-10	. SPRING, brush	2
3	6H3-81807-10	. PINION ASS'Y (11T)	1	13	6H3-81820-11	. REAR COVER ASS'Y	1
4	6H3-81830-10	. FRONT COVER ASS'Y	1	14	689-81826-10	. BOLT	2
5	689-81844-11	. O-RING	2	15	97313-08035	BOLT	2
6	689-81809-11	. WASHER KIT	1	16	92903-08600	WASHER	2
7	689-81850-11	. ARMATURE ASS'Y	1	17	97313-06025	BOLT	1
8	6H3-81810-10	. STATOR ASS'Y	1	18	92903-06600	WASHER	1
9	689-81840-11	. BRUSH HOLDER ASS'Y	1	19	97313-08016	BOLT	1
10	689-81812-11	. . BRUSH 2 (-)	1	20	92903-08600	WASHER	1

Fig. 17 ELECTRIC PARTS

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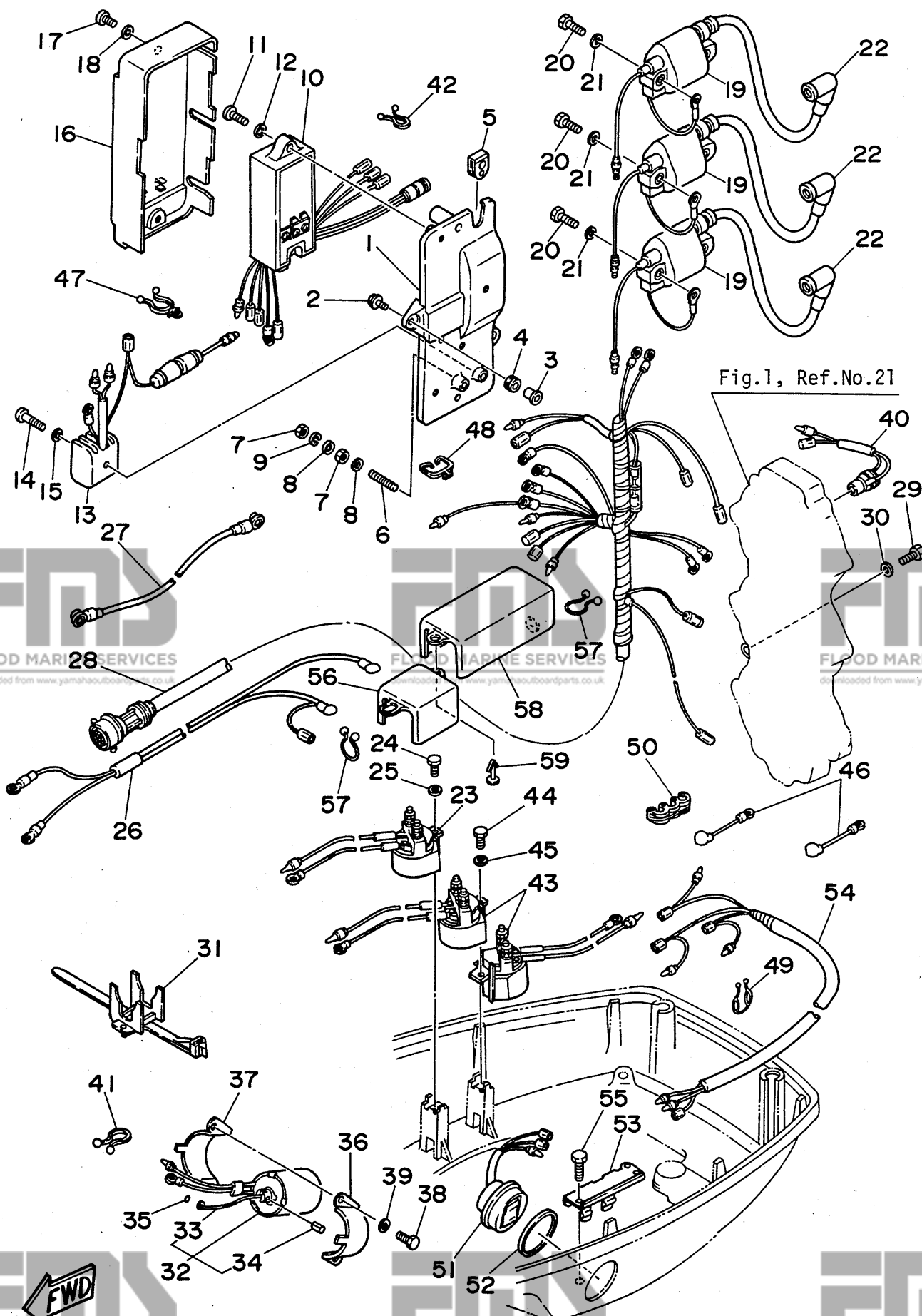


Fig. 17 ELECTRIC PARTS

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-85542-00-94	BRACKET	1	32	6H3-86110-02	SOLENOID COIL ASS'Y	1
2	90105-06M14	BOLT	3	33	6H3-86116-00	. WIRE, pull	1
3	90387-06M43	COLLAR	3	34	91690-30010	. PIN, spring	1
4	90480-13M24	GROMMET	3	35	93210-03261	O-RING	1
5	6H3-81922-00	GROMMET	1	36	6H3-86112-00	STAY, solenoid	1
6	90116-06M07	BOLT, stud	1	37	6H3-86115-00	HOLDER, solenoid	1
7	95390-06700	NUT	2	38	97313-06016	BOLT	2
8	92990-06200	WASHER	2	39	92903-06600	WASHER	2
9	92990-06100	WASHER	1	40	688-82560-10	THERMO SWITCH ASS'Y	1
10	6H3-85540-11	C.D.I. UNIT ASS'Y	1	41	90465-18147	CLAMP	1
11	97803-06025	SCREW	2	42	90464-08M07	CLAMP	1
12	92903-06600	WASHER	2	43	688-81950-10	STARTER RELAY ASS'Y (60FETO/70BETO Model)	2
13	6G1-81970-60	RECTIFIRE ASS'Y	1	44	97312-06020	BOLT (60FETO/70BETO Model)	1
14	97803-05025	SCREW	1	45	92902-06600	WASHER (60FETO/70BETO Model)	1
15	92903-05600	WASHER	1	46	688-81949-00	WIRE, lead	2
16	6H3-81916-00	COVER, terminal	1	47	90464-12M09	CLAMP	1
17	97803-06012	SCREW	2	48	90464-07M10	CLAMP	1
18	92903-06600	WASHER	2	49	90464-04M12	CLAMP	1
19	6H3-85570-10	IGNITION COIL ASS'Y	3	50	90446-07M05	HOSE	1
20	97313-06025	BOLT	6	51	6H1-82563-00	TRIM & TILT SWITCH (60FETO/70BETO Model)	1
21	92903-06600	WASHER	6	52	6E5-82587-00	GASKET (60FETO/70BETO Model)	1
22	6G1-82370-20	PLUG CAP ASS'Y	3	53	6E5-83614-01	BRACKET (60FETO/70BETO Model)	1
23	688-81950-10	STARTER RELAY ASS'Y	1	54	6H3-82553-00	EXTENSION, wire lead (60FETO/70BETO Model)	1
24	97313-06016	BOLT	1	55	97313-06016	BOLT (60FETO/70BETO Model)	2
25	92903-06600	WASHER	1	56	6H3-82164-00	CASE 2	1
26	6H3-82105-00	WIRE LEAD ASS'Y	1	57	90464-15M11	CLAMP	2
27	6H3-82117-00	WIRE, lead	1	58	6H3-82154-00	CASE (60FETO/70BETO Model)	1
28	6H3-82590-11	WIRE HARNESS ASS'Y	1	59	90338-06M10	PLUG (60FETO/70BETO Model)	1
29	97313-06012	BOLT	1				
30	92903-06600	WASHER	1				
31	688-82594-00	CLAMP	1				

Fig. 18 OIL PUMP

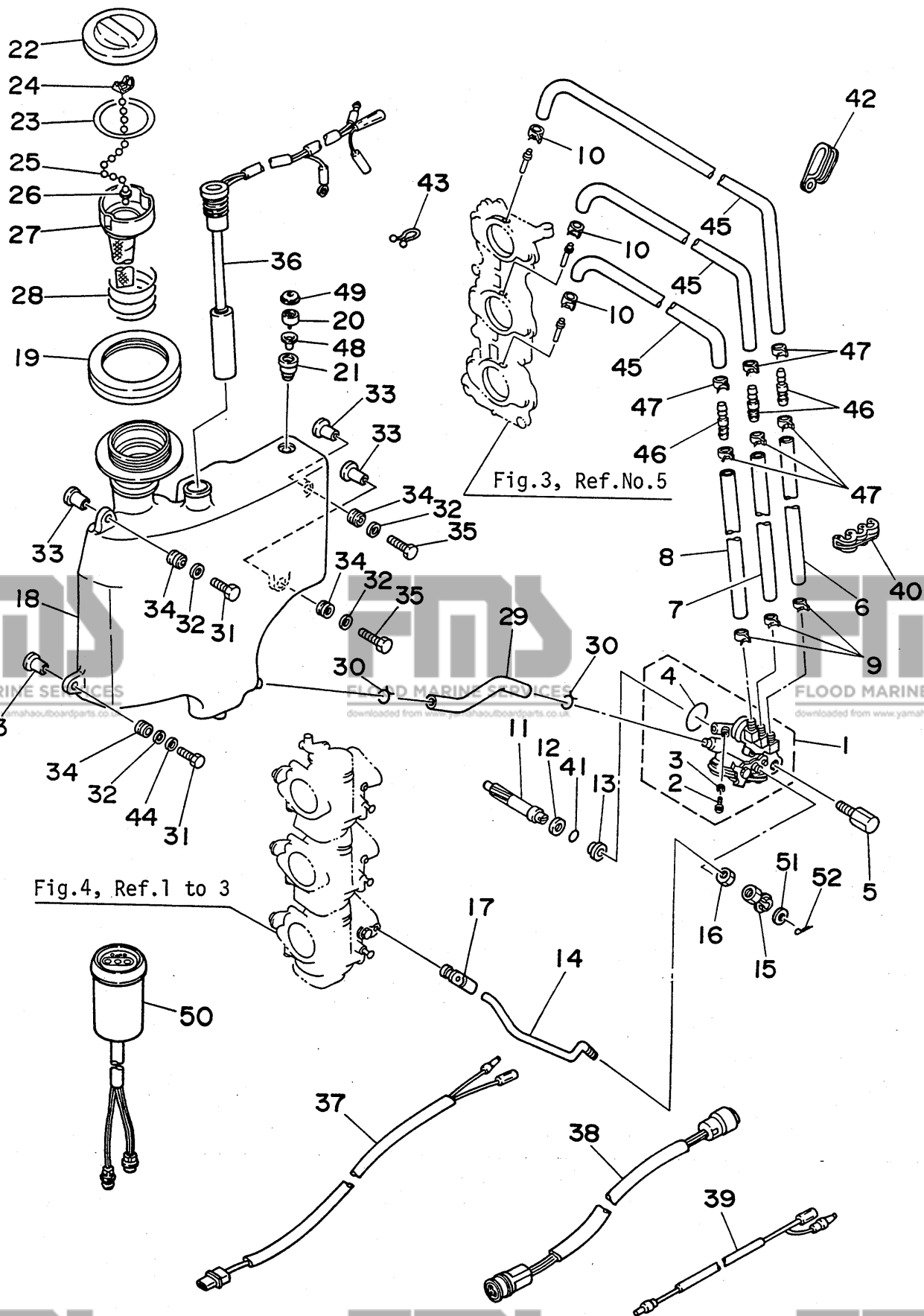


Fig. 18 OIL PUMP

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-13200-01	OIL PUMP ASS'Y	1	27	6H1-24251-00	STRAINER 1	1
2	6E5-13471-00	. PLUG, drain	1	28	90501-14M45	SPRING	1
3	6E5-13475-00	. GASKET	1	29	6H3-21766-00	PIPE, oil	1
4	6E5-14562-00	. O-RING	1	30	90467-08004	CLIP	2
5	90109-06M22	BOLT	2	31	97313-06025	BOLT	2
6	90445-07M73	HOSE	1	32	90201-06050	WASHER	4
7	90445-07M84	HOSE	1	33	624-42542-00	PIPE 1	4
8	90445-07M72	HOSE	1	34	6A0-82317-00	DAMPER	4
9	90468-07M02	CLIP	3	35	97313-06030	BOLT	2
10	90468-07M02	CLIP	3	36	6H3-85720-11	OIL LEVEL GAUGE ASS'Y	1
11	6H3-11537-00	GEAR, driven	1	37	6H1-81971-10	WIRE, lead	1
12	90201-08M93	WASHER, plate	1	38	6H1-84348-20	WIRE, lead	1
13	6H1-13117-00	COLLAR, distance	1	39	6H3-81315-00	WIRE, lead	1
14	6H3-41241-00	ROD 1	1	40	90464-07M05	CLAMP	1
15	6H1-41237-00	JOINT, link 2	1	41	93210-13M04	O-RING	1
16	95303-05600	NUT	1	42	90465-08M23	CLAMP	1
17	6E9-41237-00	JOINT, link 2	1	43	90465-18147	CLAMP	1
18	6H3-21707-01	OIL TANK COMP.	1	44	92990-06600	WASHER	1
19	6H1-21735-00	SEAL 2	1	45	90445-07M87	HOSE	3
20	6H1-21744-10	BREATHER	1	46	6E5-13132-00	JOINT	3
21	6H1-21773-00	GROMMET	1	47	90468-07M02	CLIP	6
22	6H1-21771-01	BODY, cap	1	48	90386-03M59	BUSHING	1
23	6H1-21772-01	GASKET, cap	1	49	6H1-24217-00	COVER	1
24	6H1-24634-00	HOOK, chain ball	1	50	6H4-84301-10	PILOT LIGHT ASS'Y	1
25	6H1-24633-00	CHAIN, ball	1	51	90202-05088	WASHER	1
26	6H1-21757-00	WASHER, special 1	1	52	90468-05M03	CLIP	1

Fig. 19 POWER TRIM & TILT ASS'Y I (SHORT)

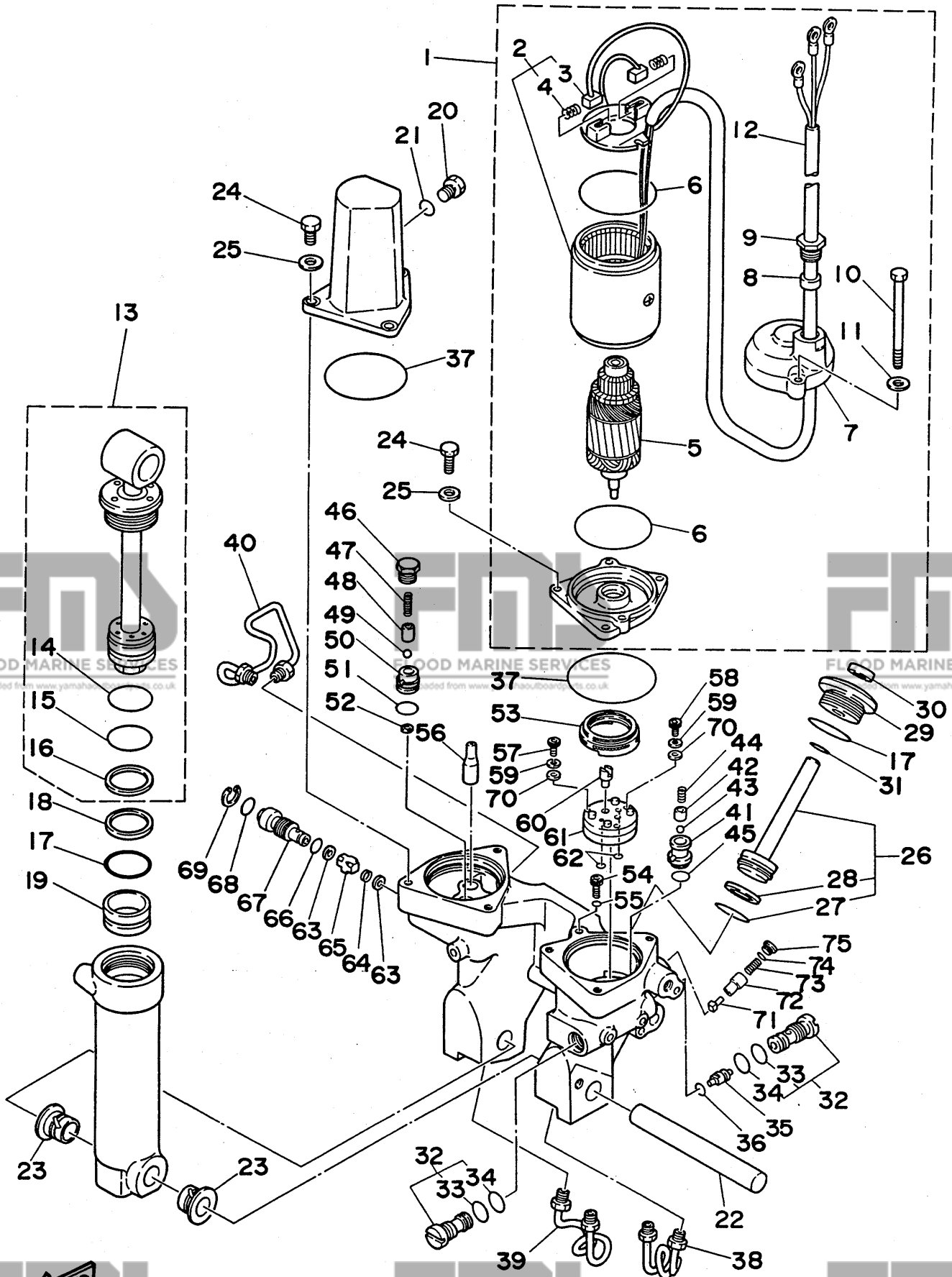


Fig. 19 POWER TRIM & TILT ASS'Y 1 (SHORT)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
6H3-43800-02-EJ POWER TRIM & TILT ASS'Y (Short)				38	6E5-43833-01	. PIPE 1	1
(See Fig. 10, Ref. No. 1)				39	6E5-43834-01	. PIPE 2	1
1	688-43880-11	. MOTOR ASS'Y	1	40	6E5-43835-00	. PIPE 3	1
2	6E5-43804-00	. . STATOR ASS'Y	1	41	6E5-43851-00	. SEAT, relief valve	1
3	6E5-43891-01	. . . BRUSH	2	42	6E5-43844-02	. PIN, valve support	1
4	90501-05M54	. . . SPRING	2	43	6E5-43858-00	. BALL 1	1
5	6E5-43805-00	. . ARMATURE ASS'Y	1	44	6E5-43856-00	. SPRING, down relief	1
6	93210-71M76	. . O-RING	2	45	6E5-43883-00	. O-RING	1
7	6E5-43884-00	. FRAME, commutator end	1	46	6E5-43843-00	. SCREW, valve lock	1
8	6E5-43885-00	. . GROMMET	1	47	6E5-43855-00	. SPRING, up relief	1
9	6E5-43886-00	. . BOLT	1	48	6E5-43859-00	. PIN, valve support	1
10	6E5-43887-00	. . BOLT, through	2	49	6E5-43877-01	. BALL 2	1
11	90201-05M01	. . WASHER	2	50	6E5-43895-00	. SEAT, relief valve 2	1
12	688-43807-11	. . WIRE SUB-ASS'Y	1	51	6E5-43896-00	. O-RING	1
13	697-43810-01	. PISTON SUB-ASS'Y (Tilt)	1	52	6E5-43816-10	. FILTER 1	1
14	6E5-43861-00	. . O-RING	1	53	6E5-43817-10	. FILTER 2	1
15	6E5-43862-00	. . O-RING	1	54	90109-06M21	. BOLT	1
16	6E5-43872-00	. . RING, back-up 2	1	55	6E5-43897-00	. O-RING	1
17	6E5-43862-00	. O-RING	3	56	6E5-43838-00	. PIPE, intake	1
18	6E5-43872-00	. RING, back-up 2	1	57	6E5-43878-00	. BOLT, socket 1	2
19	6E5-43814-01	. PISTON, free	1	58	6E5-43888-00	. BOLT, socket 2	1
20	6E5-43829-00	. PLUG, reservoir	1	59	90209-05M10	. WASHER	3
21	6E5-43863-00	. O-RING	1	60	6E5-43831-00	. CONNECTOR, shaft	1
22	6E5-43818-00	. PIN, lower shock mount	1	61	6E5-43830-00	. GEAR PUMP ASS'Y	1
23	90386-18M14	. BUSHING	2	62	93210-07M78	. O-RING	2
24	90101-06M85	. BOLT	6	63	6E5-43847-00	. SEAT, manual valve	2
25	90209-06M09	. WASHER	6	64	6E5-43854-01	. SPRING, manual release	1
26	6E5-43820-02	. PISTON SUB-ASS'Y (Trim)	2	65	6E5-4382A-00	. ADAPTOR 1	1
27	6E5-43864-00	. . O-RING	1	66	93210-10M74	. O-RING	1
28	6E5-43874-01	. . RING, back-up 4	1	67	6E5-43845-00	. SCREW, manual release	1
29	6E5-43821-01	. SCREW, trim cylinder end	2	68	93210-18M75	. O-RING	1
30	6E5-43822-01	. SEAL, trim dust	2	69	6E5-43875-00	. RING, snap 1	1
31	6E5-43865-00	. O-RING	2	70	90201-05M00	. WASHER	3
32	6E5-43802-00	. VALVE SUB-ASS'Y (Main)	2	71	6E5-4381A-00	. SHAFT	1
33	6E5-43866-00	. . O-RING	1	72	6E5-43849-01	. PIN, valve support	1
34	6E5-43867-00	. . O-RING	1	73	6E5-43824-01	. SPRING, down relief 2	1
35	6E5-43841-01	. PISTON, shuttle	1	74	93210-06M77	. O-RING	1
36	6E5-43868-00	. O-RING	1	75	6E5-43842-00	. SCREW, valve seat	1
37	6E5-43869-00	. O-RING	2				

Fig. 20 POWER TRIM & TILT ASS'Y 2 (LONG)

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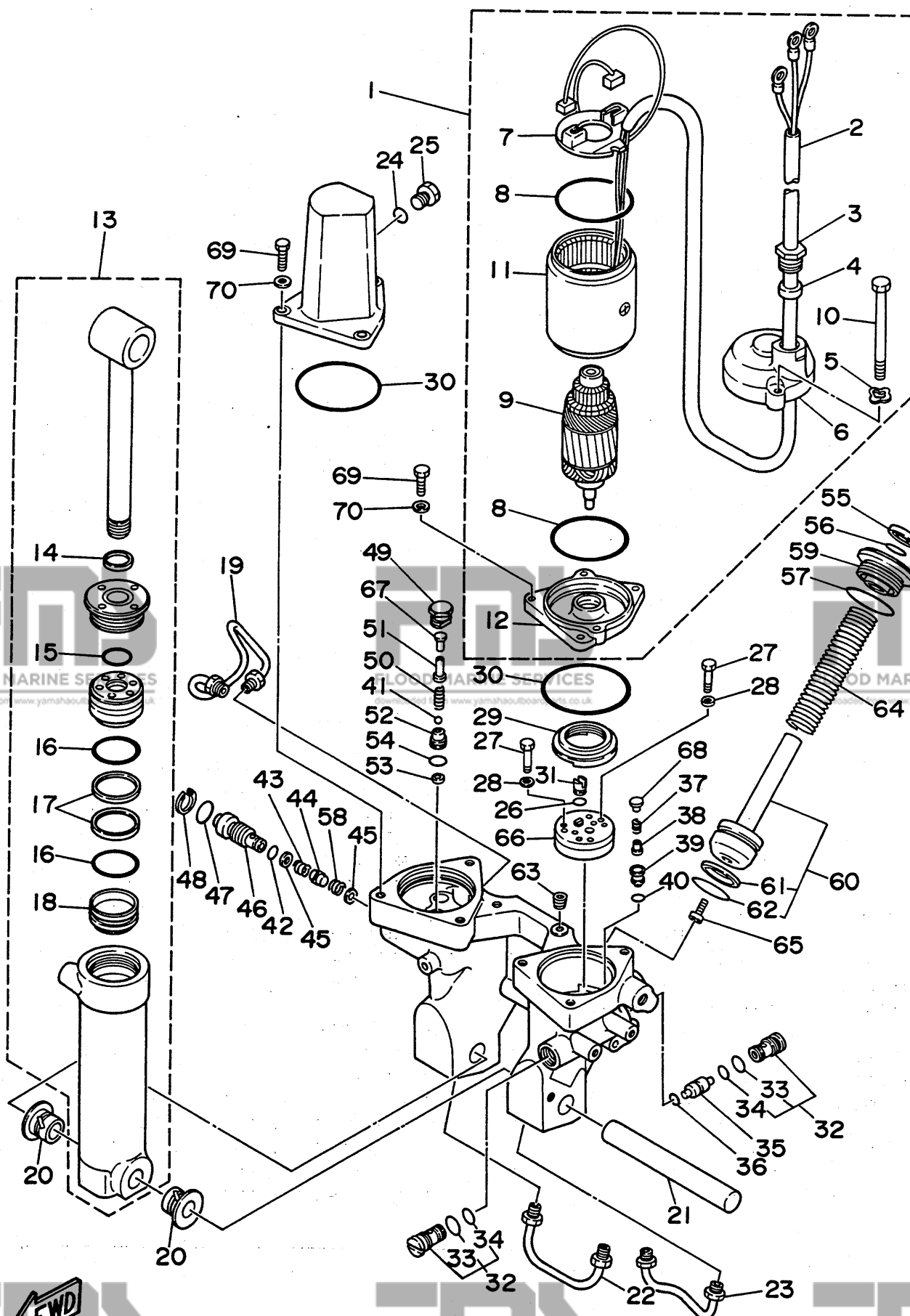
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Fig. 20 POWER TRIM & TILT ASS'Y 2 (LONG)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
6H1-43800-00-EJ POWER TRIM & TILT ASS'Y (Long)							
(See Fig. 10, Ref. No. 1)							
1	6H1-43880-00	. MOTOR ASS'Y	1	35	6H1-43841-00	. PISTON, shuttle	1
2	6H1-43807-00	. . WIRE SUB ASS'Y	1	36	6H1-43868-00	. O-RING	1
3	6H1-43886-00	. . BOLT	1	37	6H1-43856-00	. SPRING, down relief	1
4	6H1-43885-00	. . GROMMET	1	38	6H1-43844-00	. PIN, valve support	1
5	6H1-43826-00	. . WASHER, wave	1	39	6H1-43851-00	. SEAT, relief valve	1
6	6H1-43884-00	. . FRAME, commutator end	1	40	6H1-43883-00	. O-RING	1
7	6H1-43806-00	. . BRUSH HOLDER ASS'Y	1	41	93505-32038	. BALL	2
8	93210-71M76	. . O-RING	1	42	93210-10M74	. O-RING	3
9	6H1-43805-00	. . ARMATURE ASS'Y	1	43	6H1-43854-00	. SPRING, manual release	1
10	6H1-43887-00	. . BOLT, through	2	44	6H1-4382A-00	. ADAPTOR 1	1
11	6H1-43804-00	. . STATOR ASS'Y	1	45	6H1-43847-00	. SEAT, manual valve	2
12	6H1-43881-00	. . FRAME, end	1	46	6H1-43845-00	. SCREW, manual release	1
13	6H1-4380E-00	. TILT CYLINDER ASS'Y	1	47	93210-18M75	. O-RING	1
14	6H1-43872-00	. . RING, back-up	1	48	6H1-43875-00	. RING, snap	1
15	6H1-43861-00	. . O-RING	1	49	6H1-43843-00	. SCREW, valve lock	1
16	6H1-43862-00	. . O-RING	2	50	6H1-43855-00	. SPRING, up relief	1
17	6H1-43871-00	. . RING, back-up	2	51	6H1-43859-00	. PIN, valve support	1
18	6H1-43814-00	. . PISTON, free	1	52	6H1-43895-00	. SEAT, relief valve	1
19	6H1-43835-00	. PIPE	1	53	6H1-43816-00	. FILTER 1	1
20	90386-18M14	. BUSH	2	54	6H1-43896-00	. O-RING	1
21	6E5-43818-00	. PIN, lower shock mount	1	55	6H1-43822-00	. SEAL, trim dust	2
22	6H1-43834-00	. PIPE	1	56	93210-16275	. O-RING	2
23	6H1-43833-00	. PIPE	1	57	6H1-43862-00	. O-RING	2
24	93210-09165	. O-RING	1	58	6H1-43899-00	. PLATE STOPPER	1
25	6H1-43829-00	. PLUG, reservoir	1	59	6H1-43821-00	. SCREW, trim cylinder	2
26	93210-06519	. O-RING	3	60	6H1-43820-00	. PISTON SUB ASS'Y	2
27	97301-05025	. BOLT	3	61	6H1-43874-00	. . RING, back-up	1
28	92901-05600	. WASHER	3	62	6H1-43864-00	. . O-RING	1
29	6H1-43817-00	. FILTER 2	1	63	6Y1-4388E-00	. PLUG, taper screw	1
30	6H1-43869-00	. O-RING	2	64	6H1-4384E-00	. SPRING, trim	2
31	6H1-43831-00	. CONNECTOR, shaft	1	65	91318-06020	. BOLT	2
32	6H1-43802-00	. VALVE SUB ASS'Y	2	66	6H1-43830-00	. GEAR PUMP ASS'Y	1
33	6H1-43866-00	. . O-RING	1	67	6H1-4381G-00	. PIN 1	1
34	6H1-43867-00	. . O-RING	1	68	6H1-4381H-00	. PIN 2	1
				69	97395-06020	. BOLT	6
				70	92990-06100	. WASHER	6

Fig. 21 REPAIR KIT I

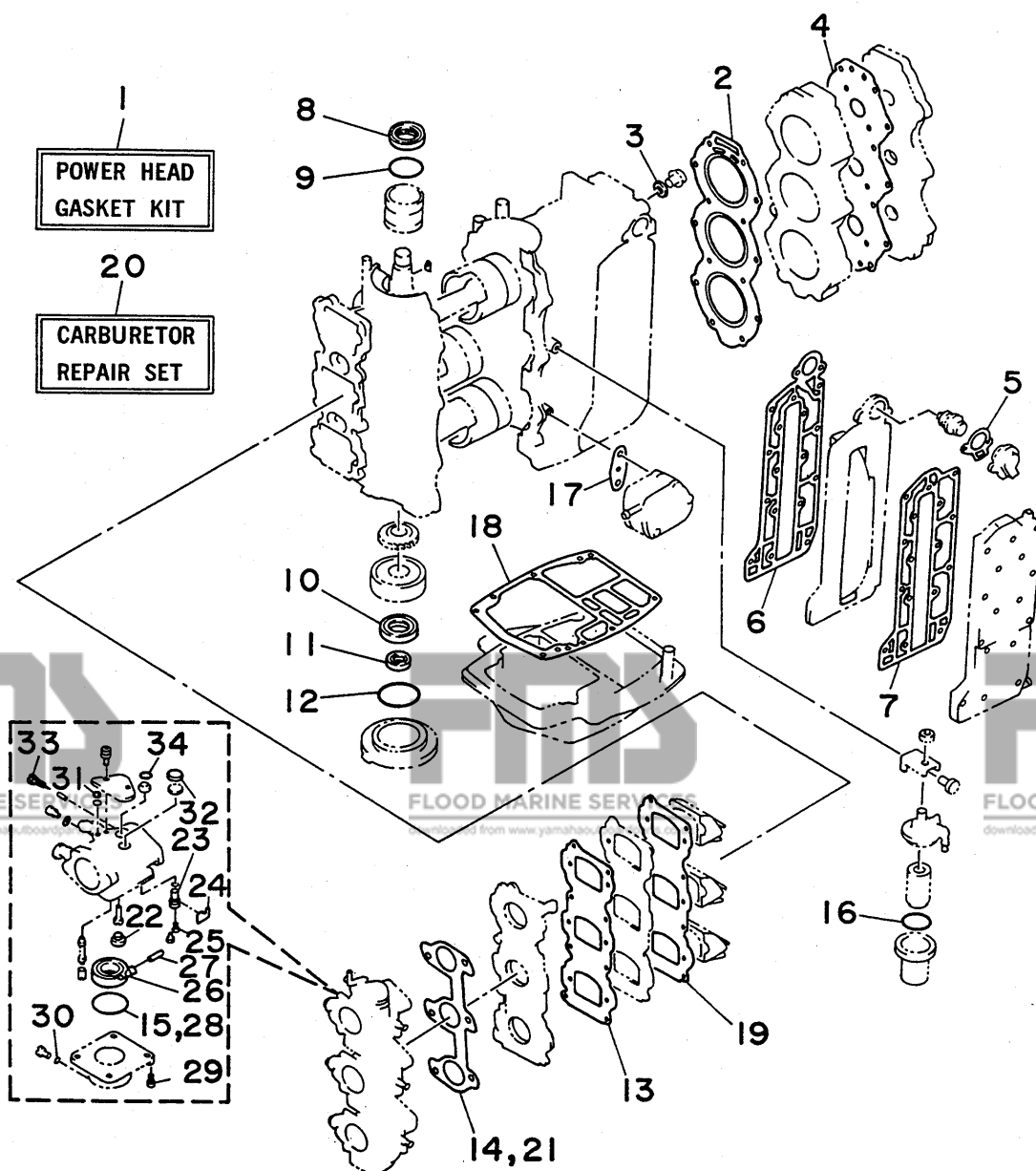


Fig. 21 REPAIR KIT 1

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	1
2	6H3-11181-01	. GASKET, cylinder head	1	19	6H3-13622-00	. PACKING, valve seat	1
3	90430-14115	. GASKET	1	20	6H3-W0093-01	CARBURETOR REPAIR SET	1
4	6H3-11193-00	. GASKET, head cover	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	. VALVE SEAT ASS'Y	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, valve	3
9	93210-46M16	. O-RING	1	26	661-14985-00	. FLOAT COMP.	3
10	93102-30M23	. OIL SEAL	1	27	688-14548-00	. PIN, float	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	. PACKING, valve seat	1	30	93210-04230	. O-RING	3
14	6H3-14198-01	. GASKET	1	31	663-14126-00	. PACKING	3
15	661-14984-00	. O-RING	3	32	688-14126-00	. PACKING	3
16	93210-37M25	. O-RING	1	33	692-14923-00	. SCREW, adjusting	3
17	650-24431-00	. GASKET, fuel pump	1	34	93210-15M52	. O-RING	3

Fig. 22 REPAIR KIT 2

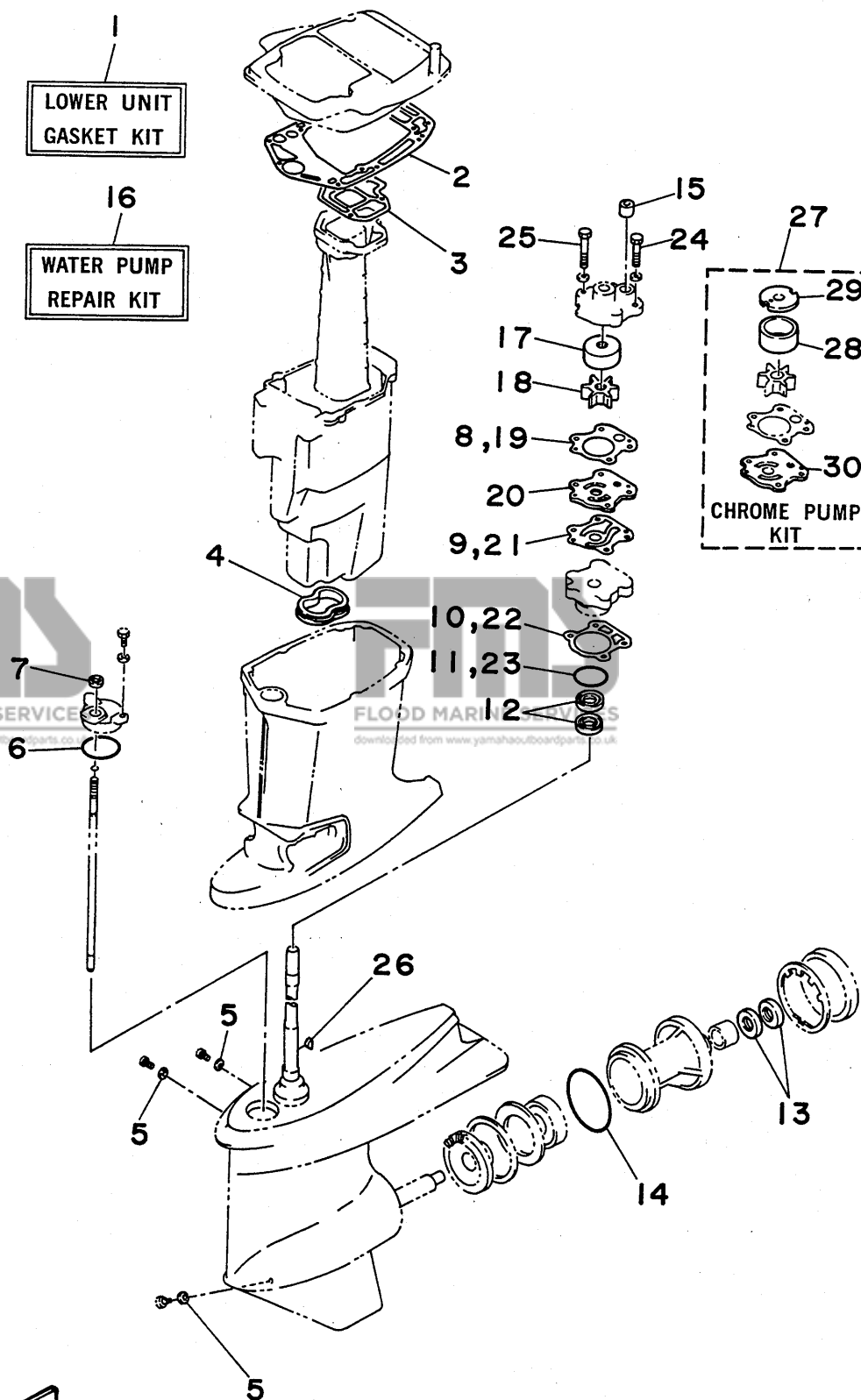


Fig. 22 REPAIR KIT 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H3-W0001-20	LOWER UNIT GASKET KIT	1	16	6H3-W0078-00	WATER PUMP REPAIR KIT	1
2	6H3-45114-00	. GASKET, upper casing 2	1	17	663-44322-00	. INSERT, cartridge	1
3	6H3-41134-00	. GASKET, exhaust manifold 2	1	18	6H3-44352-00	. IMPELLER	1
4	6H3-45123-00	. GASKET, muffler	1	19	6H3-44315-00	. GASKET, water pump 1	1
5	90430-08020	. GASKET	3	20	6H3-44323-00	. OUTER PLATE, cartridge	1
6	93210-49046	. O-RING	1	21	6H3-44324-00	. GASKET, outer plate	1
7	93106-09014	. OIL SEAL	1	22	688-44316-01	. GASKET, water pump 2	1
8	6H3-44315-00	. GASKET, water pump 1	1	23	93210-46044	. O-RING	1
9	6H3-44324-00	. GASKET, outer plate	1	24	97395-08045	. BOLT	2
10	688-44316-01	. GASKET, water pump 2	1	25	97395-08055	. BOLT	2
11	93210-46044	. O-RING	1	26	90280-03M03	. KEY, woodruff	1
12	93101-23070	. OIL SEAL	2	27	6H3-W0078-0A	CHROME PUMP KIT	1
13	93101-25M03	. OIL SEAL	2	28	670-44322-01	. INSERT, cartridge	1
14	93210-85M15	. O-RING	1	29	670-44321-00	. INNER PLATE, cartridge	1
15	663-44366-00	. DAMPER, water seal 2	1	30	6H3-44323-00	. OUTER PLATE, cartridge	1



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

80A/90A



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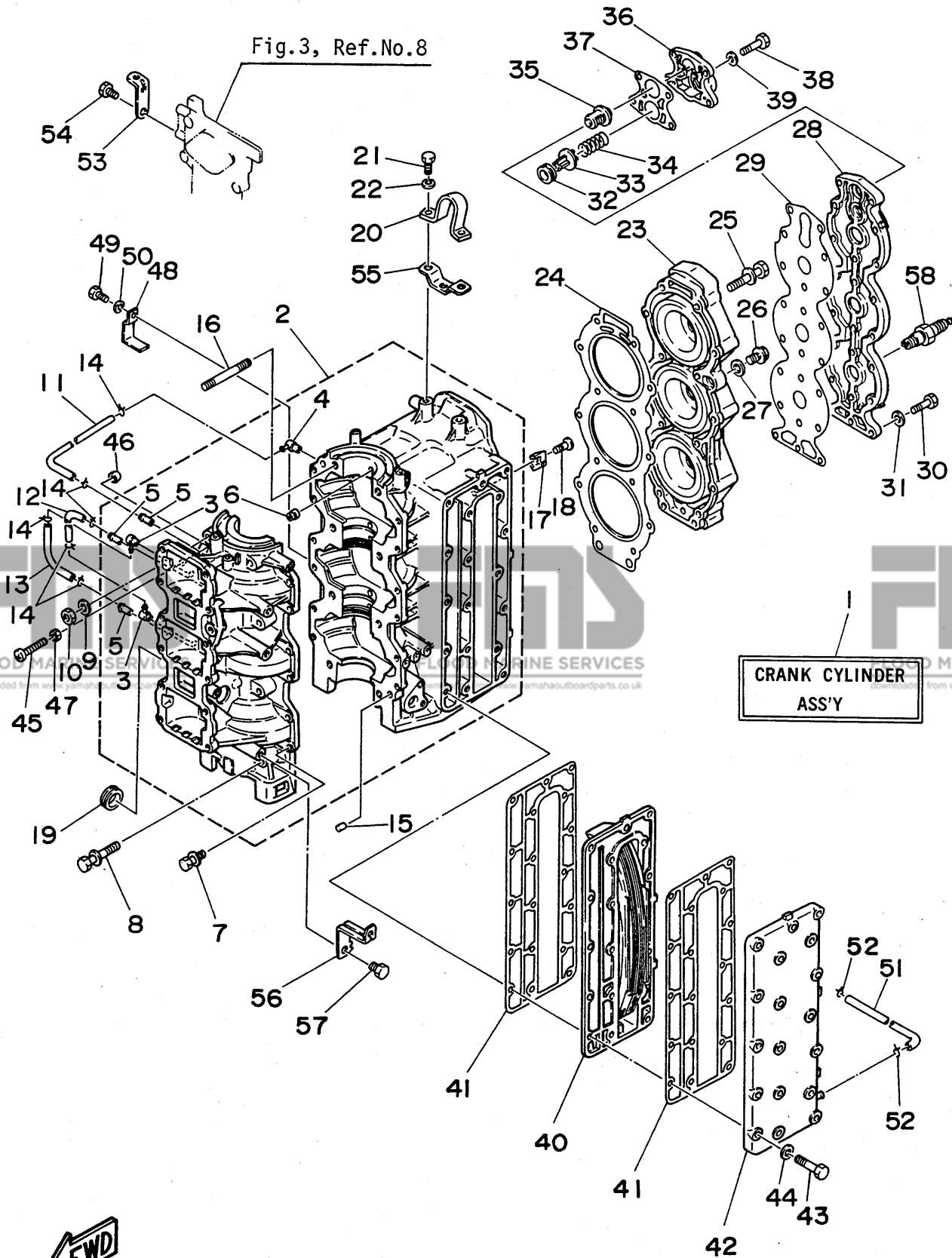
Fig. 1 CRANKCASE & CYLINDER

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Fig.3, Ref.No.8



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Fig. 1 CRANKCASE & CYLINDER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-W0090-11-EJ	CRANK CYLINDER ASS'Y (Ref. No. 2 to 57 and Fig. 2, Ref. No. 1 to 23)	1	30	97313-06025	BOLT	18
2	6H1-15100-00-94	CRANKCASE ASS'Y	1	31	92903-06600	WASHER	18
3	688-11370-00	. CHECK VALVE ASS'Y	2	32	90480-20M05	GROMMET	1
4	650-11370-00	. CHECK VALVE ASS'Y	1	33	688-12416-00	VALVE, pressure control	1
5	624-14485-00	. PIPE, joint	3	34	90501-16M11	SPRING, compression	1
6	663-11518-01	. LOCK, bearing	3	35	688-12411-01	THERMOSTAT	1
7	90119-06M12	BOLT, with washer	12	36	688-12413-00-9M	COVER, thermostat	1
8	90119-10M07	BOLT, with washer	6	37	688-12414-00	GASKET, cover	1
9	90201-10430	WASHER	2	38	97313-06035	BOLT	4
10	95313-10600	NUT	2	39	92903-06600	WASHER	4
11	90445-07260	HOSE	1	40	688-41111-00-9M	INNER COVER, exhaust	1
12	90445-07M00	HOSE	1	41	688-41112-00	GASKET, exhaust inner cover	2
13	90445-07M23	HOSE	1	42	688-41113-00-9M	OUTER COVER, exhaust	1
14	90467-06016	CLIP	6	43	97313-08040	BOLT	18
15	93608-12063	PIN, dowel B	2	44	92903-08600	WASHER	18
16	90116-10M06	BOLT, stud	2	45	90157-06014	SCREW	1
17	688-11325-00	ANODE	2	46	688-44194-00	CAP	1
18	98680-04016	SCREW, ovalhead	2	47	95303-06700	NUT	1
19	90480-24M04	GROMMET	1	48	90465-12M03	CLAMP, cord	1
20	688-11119-00	HANGER, engine	1	49	97313-06010	BOLT	1
21	97313-08020	BOLT	2	50	92903-06100	WASHER	1
22	92903-08100	WASHER	2	51	663-24312-01	HOSE 2	1
23	6H1-11111-00-94	HEAD, cylinder	1	52	90467-08004	CLIP	2
24	688-11181-02	GASKET, cylinder head	1	53	6H1-15772-00	STAY 2	1
25	90119-08M21	BOLT, with washer	14	54	97313-06012	BOLT	2
26	90340-14M00	PLUG, straight screw	1	55	6H1-15773-00	STAY 3	1
27	90430-14115	GASKET	1	56	6H1-21796-00	HINGE	1
28	688-11191-00-9M	COVER, cylinder head	1	57	97313-08012	BOLT	1
29	688-11193-01	GASKET, head cover	1	58	94702-00247	PLUG, spark (BR8HS 10)	3

Fig. 2 CRANK & PISTON

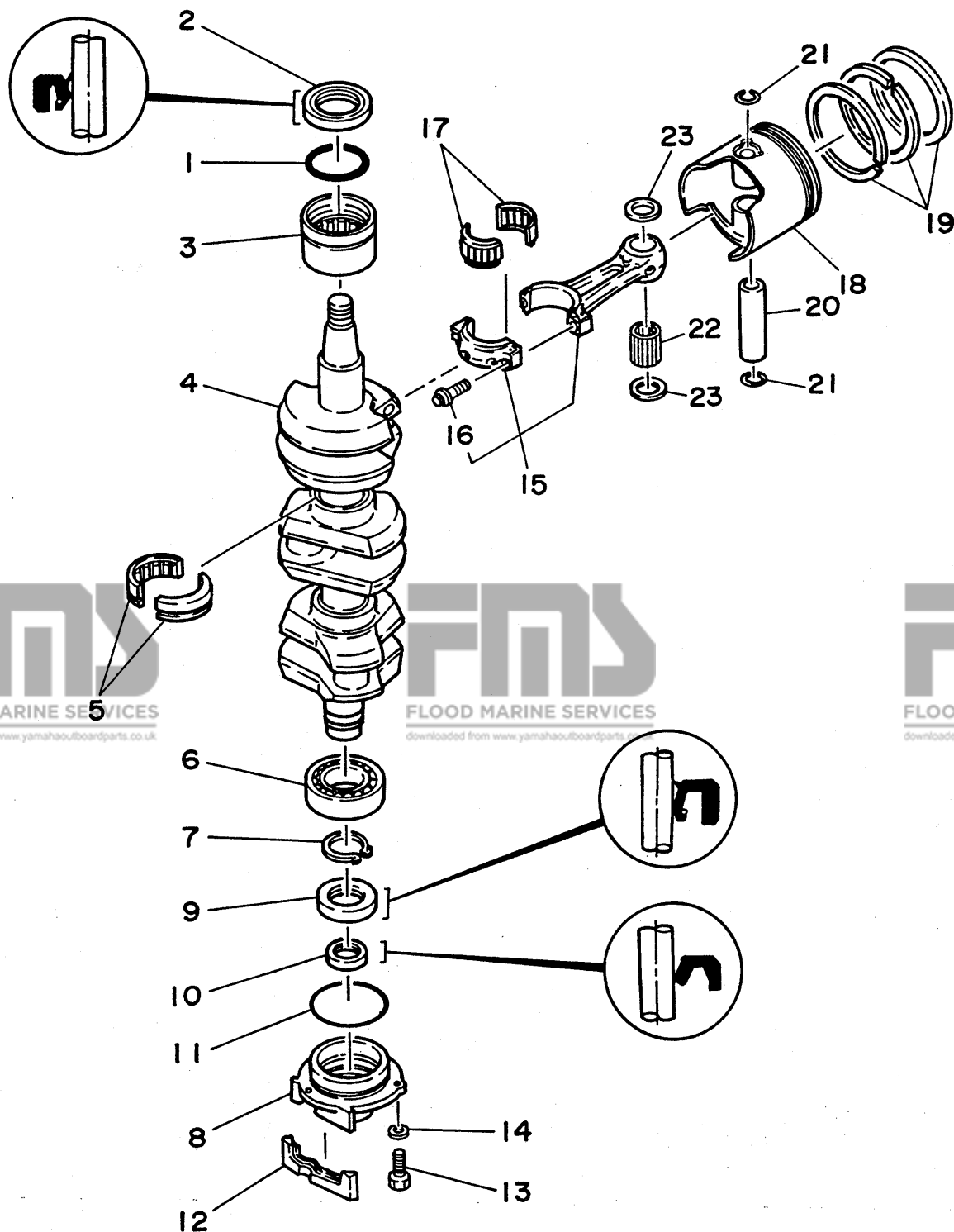


Fig. 2 CRANK & PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	93210-46M16	O-RING	1	15	688-11650-03	CONNECTING ROD ASS'Y	3
2	93102-36M02	OIL SEAL	1	16	90109-08462	. BOLT	2
3	93310-636U4	BEARING, needle	1	17	93310-730V8	BEARING, needle	3
4	688-11411-01	CRANK SHAFT	1	18	6H1-11631-00-96	PISTON (S.T.D.)	3
5	93310-835U8	BEARING, needle	2		6H1-11635-00	PISTON (1st O.S.)	3 A.P.
6	93306-206U5	BEARING (B6206)	1		6H1-11636-00	PISTON (2nd O.S.)	3 A.P.
7	93410-32M00	CIRCLIP	1	19	6H1-11610-00	PISTON RING SET (S.T.D.)	3
8	6H1-15359-00-94	HOUSING, oil seal	1		6H1-11610-10	PISTON RING SET (1st O.S.)	3 A.P.
9	93102-30M05	OIL SEAL	1		6H1-11610-20	PISTON RING SET (2nd O.S.)	3 A.P.
10	93104-20M02	OIL SEAL	1	20	676-11633-00	PIN, piston	3
11	93210-62269	O-RING	1	21	688-11634-10	CLIP, piston pin	6
12	688-15379-00	SEAL, crankcase	1	22	93603-21111	BEARING, small end	84
13	97395-06020	BOLT	3	23	90201-20417	WASHER	6
14	92990-06600	WASHER	3				

Fig. 3 INTAKE I

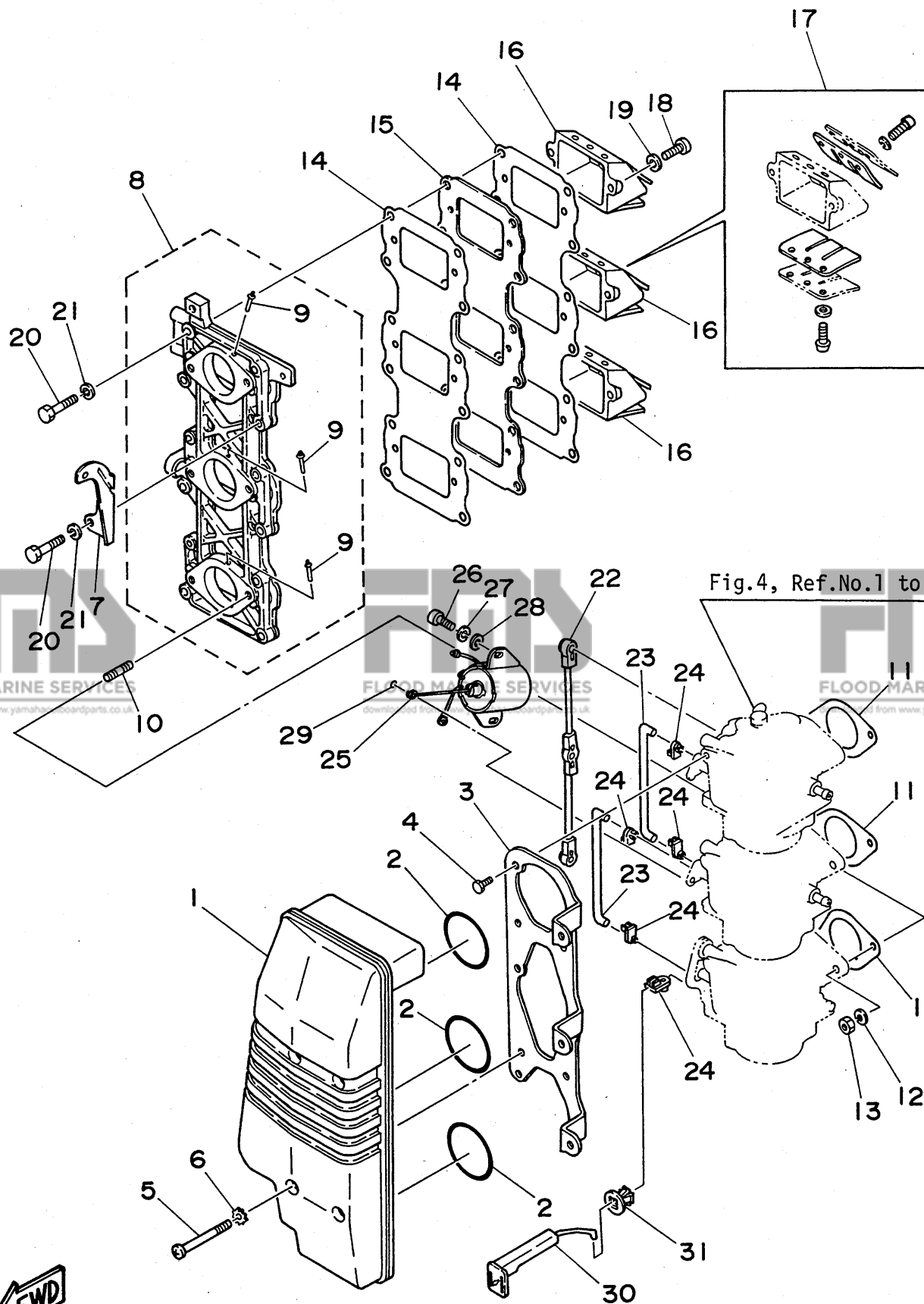


Fig.4, Ref.No.1 to 3



Fig. 3 INTAKE 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-14440-00	SILENCER COMP.	1	17	688-W0004-00	. REED SET	1
2	93210-46044	O-RING	3	18	97803-05020	SCREW, panhead	6
3	6H1-14413-00	STAY 1	1	19	92903-05100	WASHER	6
4	97313-06012	BOLT	6	20	97313-06030	BOLT	12
5	97803-06055	SCREW, panhead	4	21	92903-06100	WASHER	12
6	90209-06M05	WASHER, tooth	4	22	688-41217-00	ROD, accel. lever	1
7	6H1-21797-00	HINGE	1	23	688-41257-00	ROD, choke link 2	2
8	6H1-13641-00-94	MANIFOLD, intake 1	1	24	661-41262-02	JOINT, choke lever	4
9	6H1-14485-00	. PIPE, joint	3	25	688-86110-01	SOLENOID COIL ASS'Y	1
10	90116-06122	BOLT, stud	6	26	97803-06014	SCREW, panhead	2
11	688-14198-00	GASKET	3	27	92903-06100	WASHER	2
12	92903-06100	WASHER	6	28	92903-06200	WASHER	2
13	95303-06600	NUT	6	29	93210-03261	O-RING	1
14	688-13621-00	PACKING, valve seat 1	2	30	692-41256-00	ROD, choke link	1
15	688-13624-00	PLATE, reed valve	1	31	689-41273-00	GROMMET	1
16	688-13610-00	REED VALVE ASS'Y	3				

Fig. 4 INTAKE 2

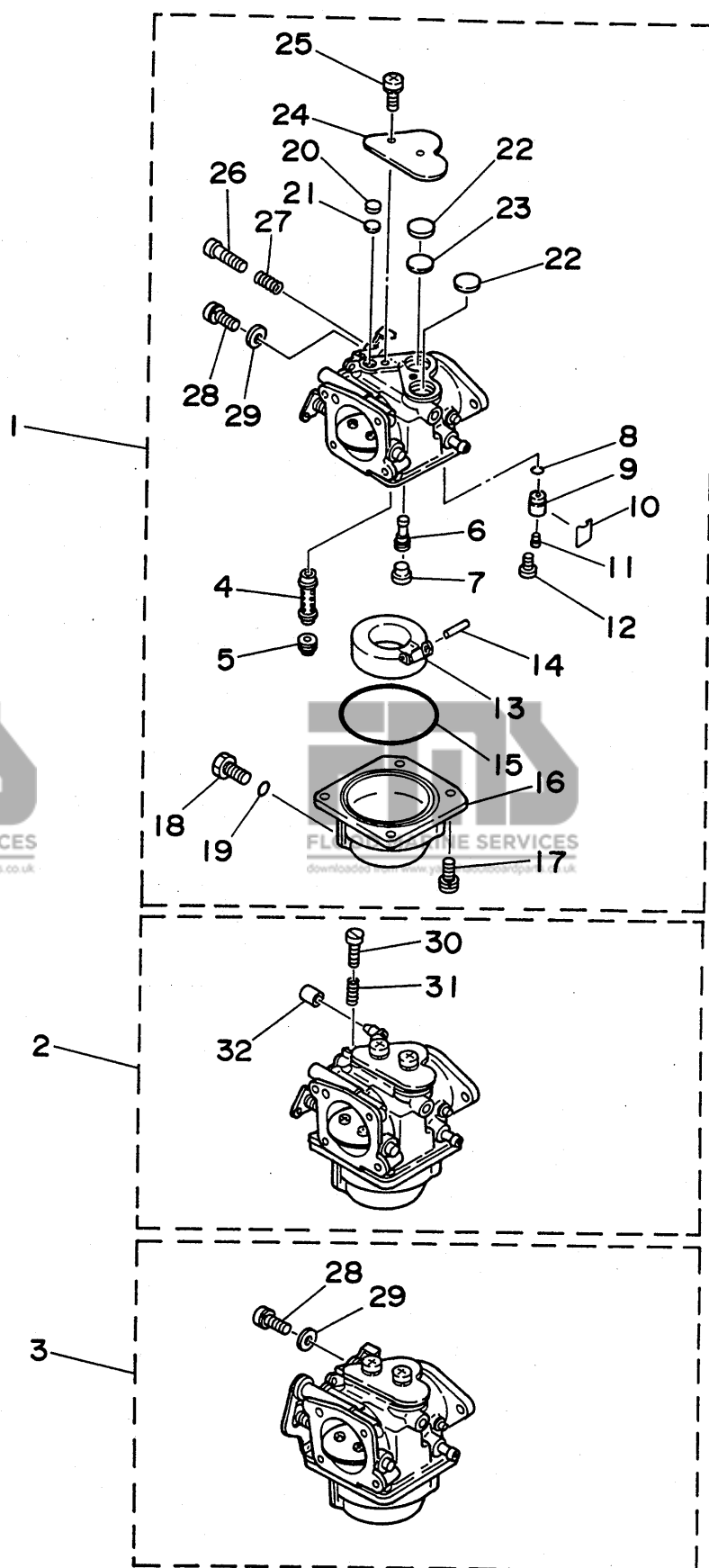


Fig. 4 INTAKE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-14301-12	CARBURETOR ASS'Y (Upper) (90A Model)	1 U.R.	13	676-14985-01	. FLOAT COMP.	3
	6H0-14301-12	CARBURETOR ASS'Y (Upper) (80A Model)	1 U.R.	14	688-14548-00	. PIN, float	3
2	6H1-14302-12	CARBURETOR ASS'Y (Center) (90A Model)	1 U.R.	15	676-14984-00	. O-RING	3
	6H0-14302-12	CARBURETOR ASS'Y (Center) (80A Model)	1 U.R.	16	688-14980-00	. BODY, float chamber	3
3	6H1-14303-12	CARBURETOR ASS'Y (Lower) (90A Model)	1 U.R.	17	90159-04M00	. SCREW, with washer	12
	6H0-14303-12	CARBURETOR ASS'Y (Lower) (80A Model)	1 U.R.	18	663-14992-00	. SCREW, drain	3
4	6H0-14947-01	. NOZZLE, main	3	19	93210-04230	. O-RING	3
5	676-14943-40	. JET, main (#165) (90A Model)	3 U.R.	20	663-14126-00	. PACKING	3
	676-14943-39	. JET, main (#160) (80A Model)	3 U.R.	21	663-14527-00	. PLATE	3
6	6E9-14948-19	. JET, slow (#80)	3	22	688-14126-00	. PACKING	6
7	676-14966-00	. CAP	3	23	688-14527-00	. PLATE	3
8	93210-04228	. O-RING	3	24	688-14572-00	. STAY, plate	3
9	692-14590-00	. VALVE SEAT	3	25	90159-05017	. SCREW, with washer	6
10	663-14159-00	. CLIP	3	26	692-14923-00	. SCREW, adjusting	3
11	676-14186-00	. PIN, valve	3	27	679-14555-00	. SPRING, compression	3
12	688-14592-00	. SCREW, panhead	3	28	663-14592-00	. SCREW (Upper, Lower)	2
				29	90201-05652	. WASHER (Upper, Lower)	2
				30	663-14523-00	. SCREW, stop (Center)	1
				31	90501-10326	. SPRING, compression (Center)	1
				32	676-14578-00	. COLLAR (Center)	1

Fig. 5 FUEL

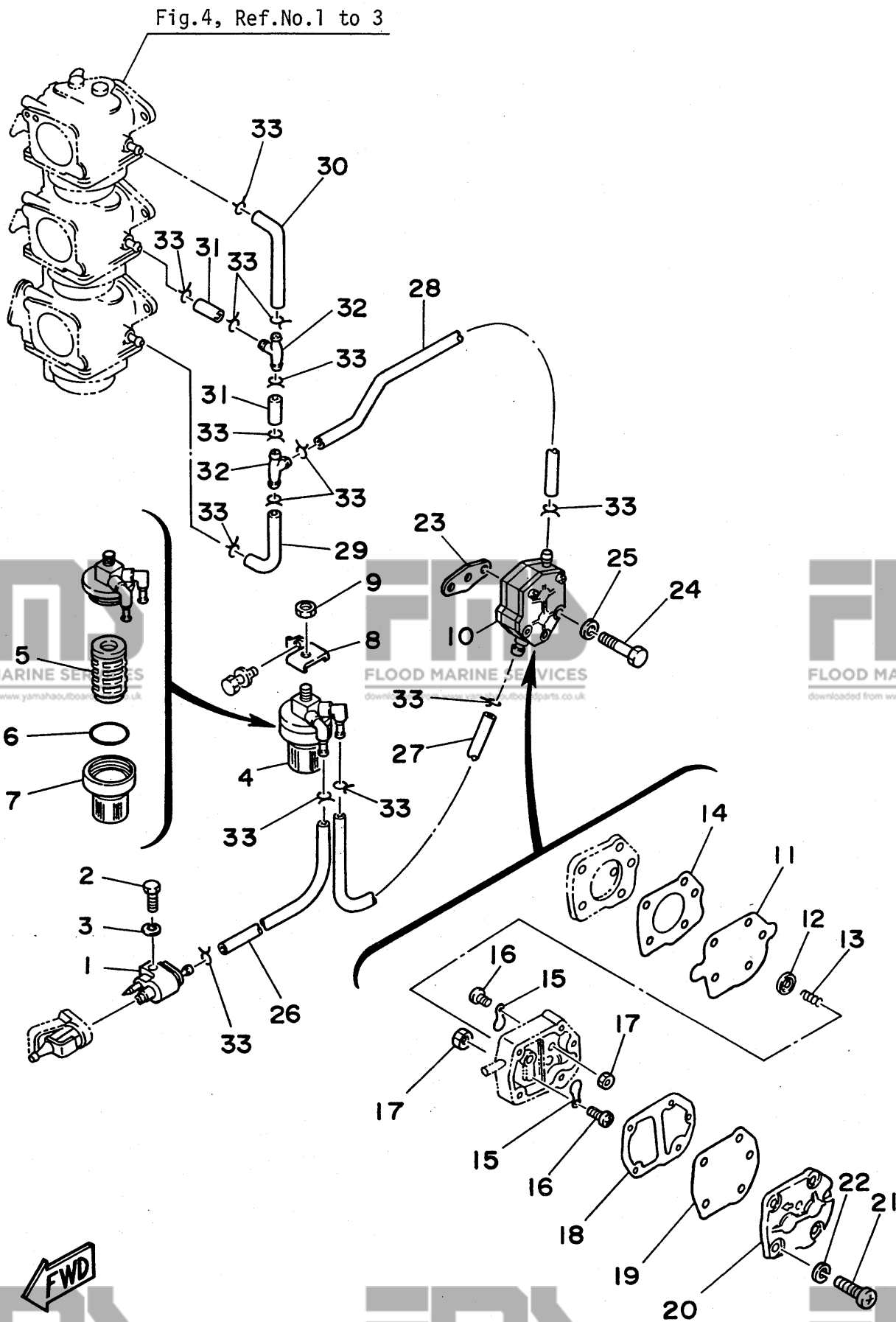


Fig. 5 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	661-24304-01	FUEL PIPE JOINT COMP. 1	1	18	648-24435-02	. GASKET, body 2	1
2	97313-06020	BOLT	1	19	663-24411-00	. DIAPHRAGM	1
3	92990-06100	WASHER	1	20	6A0-24413-00	. COVER, pump	1
4	655-24560-01	FILTER ASS'Y	1	21	98503-05028	. SCREW, panhead	3
5	6F5-24563-00	. ELEMENT, filter	1	22	92990-05100	. WASHER	3
6	93210-37M25	. O-RING	1	23	650-24431-00	GASKET, fuel pump	1
7	655-24521-01	. CUP, filter	1	24	97313-06040	BOLT	2
8	6H1-24566-00	BRACKET, filter	1	25	92903-06600	WASHER	2
9	95303-08600	NUT	1	26	90445-09105	HOSE	1
10	6A0-24410-02	FUEL PUMP ASS'Y	1	27	90445-09074	HOSE	1
11	648-24411-00	. DIAPHRAGM	1	28	90445-09097	HOSE	1
12	648-24424-00	. PLATE, spring guide	1	29	688-24313-00	HOSE 3	1
13	648-24423-00	. SPRING, diaphragm	1	30	688-24314-00	HOSE 4	1
14	648-24434-00	. GASKET, body 1	1	31	90445-09220	HOSE	2
15	6A0-24421-01	. VALVE, check	2	32	688-24378-00	PIPE, joint	2
16	90147-03M00	. SCREW, panhead	2	33	90467-08004	CLIP	14
17	98813-03100	. NUT	2				

Fig. 6 TOP COWLING

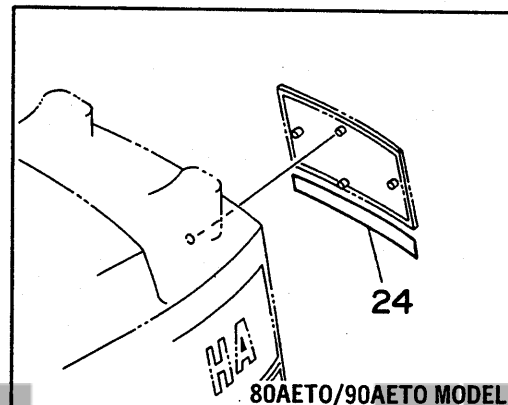
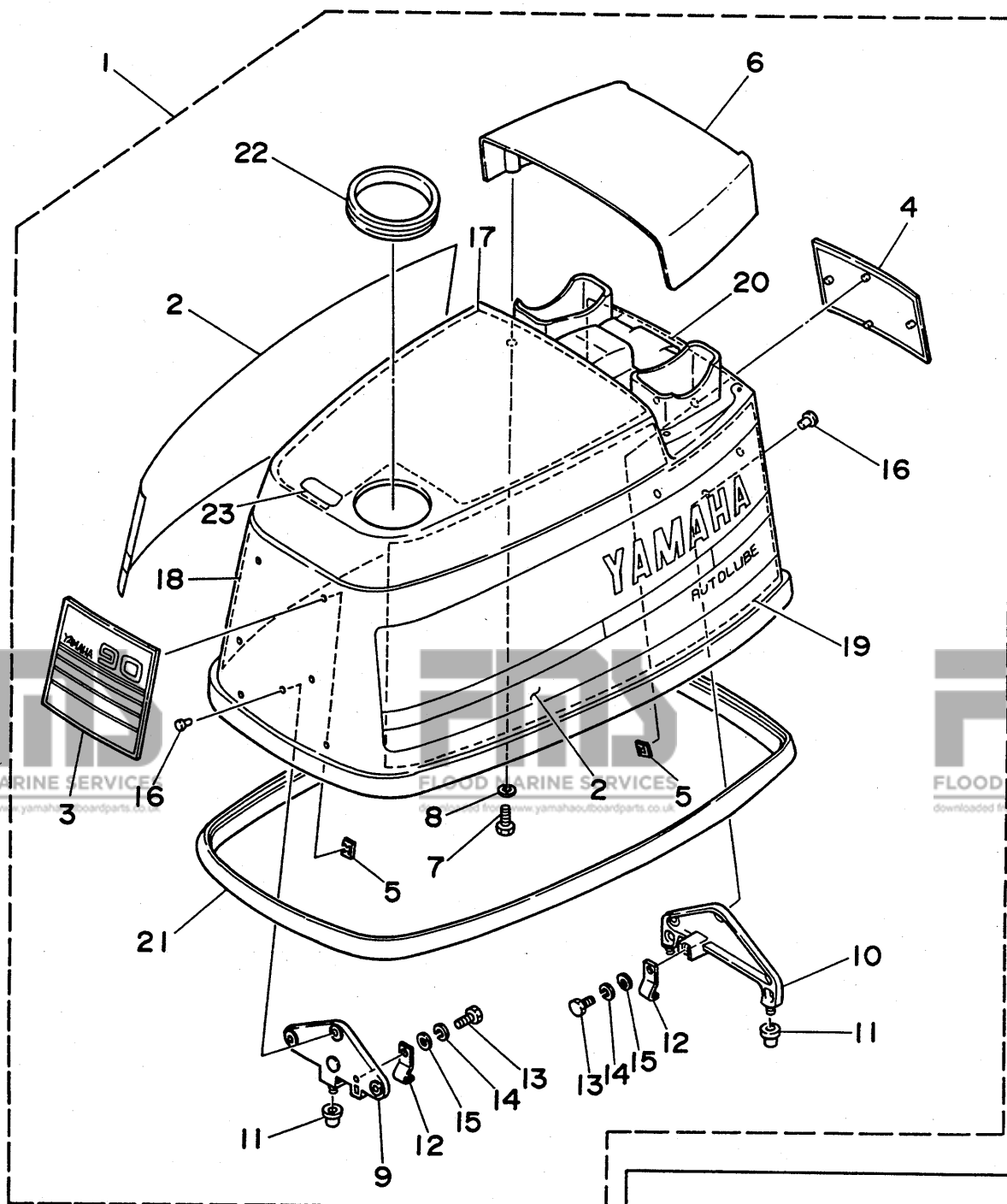


Fig. 6 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-42610-E0-EJ	TOP COWLING ASS'Y (90A Model)	1 U.R.	12	688-42652-01	. HOOK 2	2
	6H0-42610-E0-EJ	TOP COWLING ASS'Y (80A Model)	1 U.R.	13	97313-06016	. BOLT	2
2	6H1-W0070-E0	. GRAPHIC SIDE SET	1	14	92903-06100	. WASHER	2
3	6H1-42686-01	. EMBLEM, front (90A Model)	1 U.R.	15	92903-06600	. WASHER	2
	6H0-42686-00	. EMBLEM, front (80A Model)	1 U.R.	16	90266-06009	. RIVET	6
4	6H1-42687-00	. EMBLEM, rear (90A Model)	1 U.R.	17	6H1-42617-10	. DAMPER, form 1	1
	6H0-42687-00	. EMBLEM, rear (80A Model)	1 U.R.	18	6H1-42619-00	. DAMPER, form 2	1
5	90183-05M01	. NUT, spring	8	19	6H1-42627-00	. DAMPER, form 3	1
6	6H1-42613-00-EJ	. MOLDING, air duct	1	20	6H1-42637-00	. DAMPER, form 4	1
7	97313-06016	. BOLT	4	21	688-42615-00	. SEAL	1
8	92903-06600	. WASHER	4	22	6H1-21732-00	. SEAL	1
9	6H1-42647-00-94	. HOLDER, clamp band 1	1	23	6H1-13436-00	. MARK	1
10	6H1-42649-00-94	. HOLDER, clamp band 2	1	24	6H1-42684-00	MARK, cowling 4	
11	663-42662-00	. DAMPER 1	3			(80AETO/90AETO Model)	1

Fig. 7 BOTTOM COWLING

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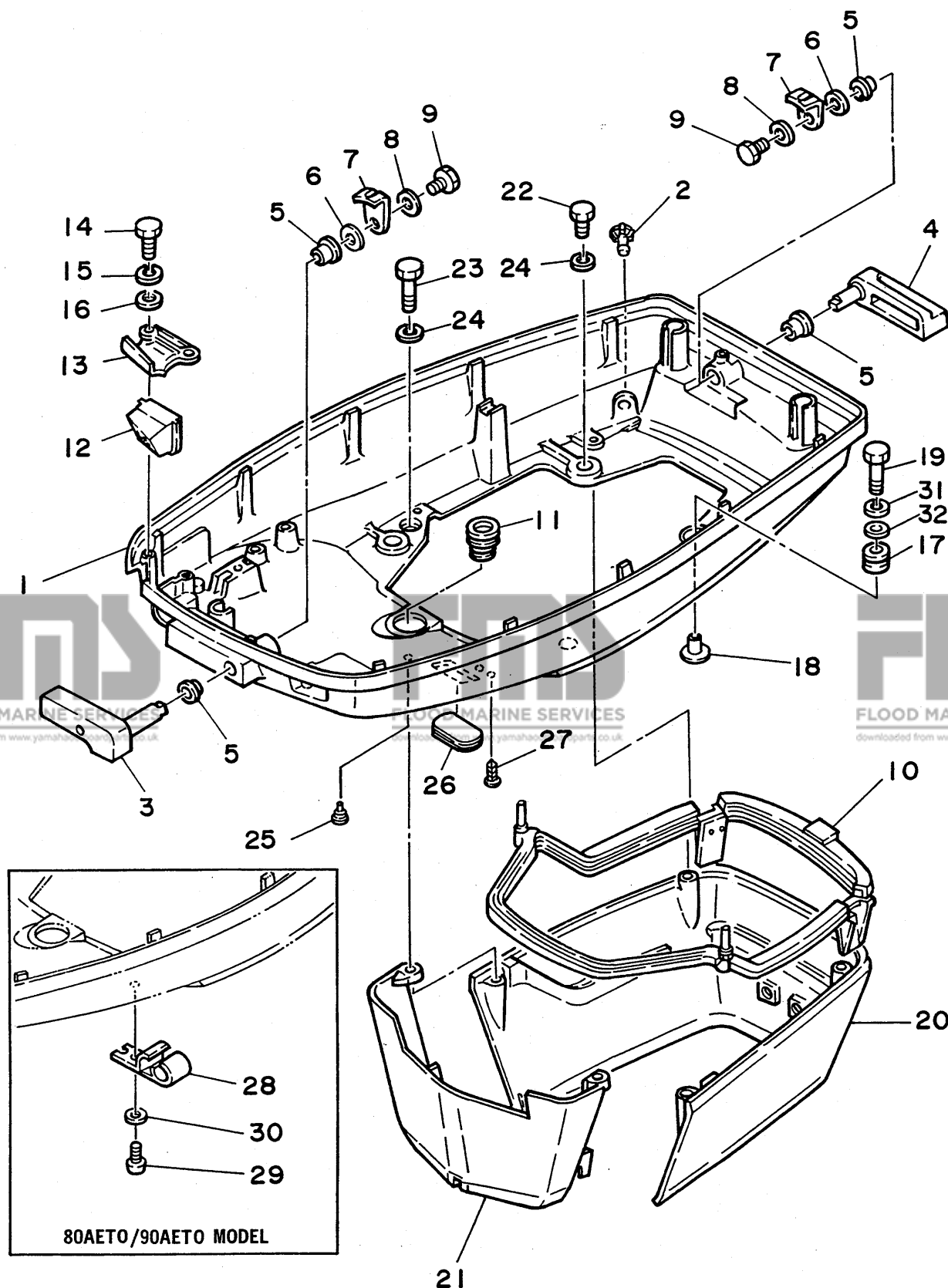
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80A/90A

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Fig. 7 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 U.R.	16	92903-06600	WASHER	2
	6H1-42711-00-EJ	COWLING, bottom (80AETO/90AETO Model)	1 U.R.	17	90480-09M12	GROMMET	4
2	6H3-44391-00	NIPPLE, hose	1	18	90387-06M69	COLLAR	4
3	688-42815-00-EJ	LEVER, clamp 1	1	19	97313-06030	BOLT	4
4	688-42817-00-EJ	LEVER, clamp 3	1	20	688-42741-00-EJ	APRON 1	1
5	90386-13M38	BUSHING	4	21	688-42771-00-EJ	APRON 2	1
6	90206-13019	WASHER	2	22	97313-06020	BOLT	2
7	688-42816-00	LEVER, clamp 2	2	23	97313-06030	BOLT	2
8	90201-06068	WASHER	2	24	92903-06100	WASHER	4
9	97313-06012	BOLT	2	25	90480-06M19	GROMMET (80AEO/90AEO Model)	1
10	688-42716-02	SEAL 1	1	26	6H4-42726-00	GROMMET (80AEO/90AEO Model)	1 U.R.
11	663-42724-00	GROMMET 1	1		688-42726-10	GROMMET (80AETO/90AETO Model)	1 U.R.
12	688-42725-01	GROMMET 2 (80AEO/90AEO Model)	1 U.R.	27	90338-05M03	PLUG (80AEO/90AEO Model)	1
	688-42725-10	GROMMET 2 (80AETO/90AETO Model)	1 U.R.	28	6E5-24367-01	CLAMP, fuel pipe (80AETO/90AETO Model)	1
13	688-42738-00-94	PLATE, fitting	1	29	90157-06M01	SCREW (80AETO/90AETO Model)	1
14	97313-06016	BOLT	2	30	92990-06600	WASHER (80AETO/90AETO Model)	1
15	92903-06100	WASHER	2	31	92903-06100	WASHER	4
				32	90201-06416	WASHER	4

Fig. 8 BRACKET I

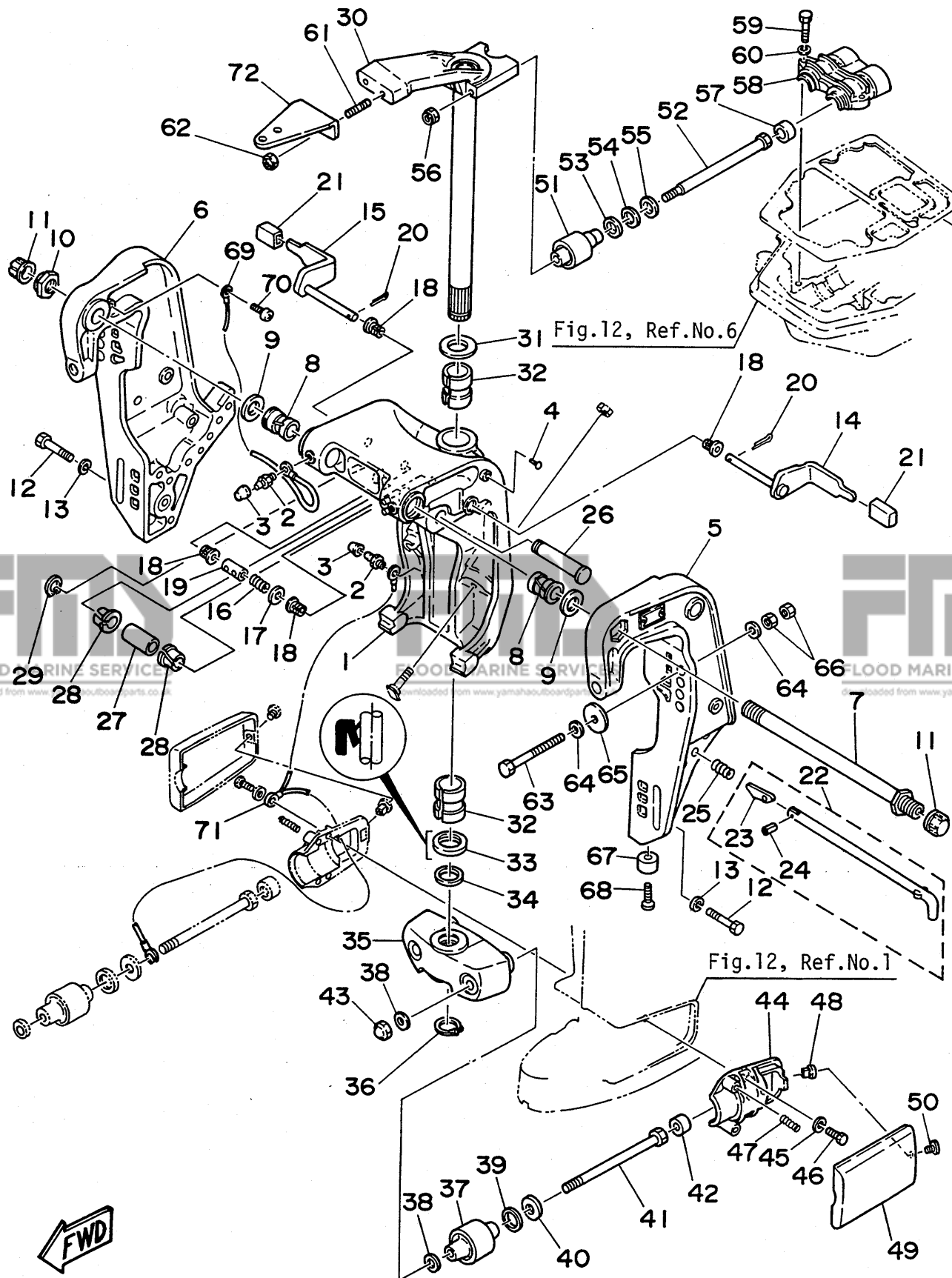


Fig. 8 BRACKET 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-43311-11-EJ	BRACKET, swivel 1	1	37	687-44555-00-94	MOUNT DAMPER, lower side	2
2	93700-06004	NIPPLE, grease	3	38	90201-12M16	WASHER	4
3	663-45119-00	CAP, grease nipple	3	39	90202-25M04	WASHER	2
4	90269-03010	RIVET	1	40	90201-13M19	WASHER	2
5	688-43111-11-EJ	BRACKET, clamp 1	1	41	90109-12261	BOLT	2
6	688-43112-11-EJ	BRACKET, clamp 2	1	42	663-44575-00	DAMPER, lower mount 1	2
7	688-43131-02	BOLT, clamp bracket	1	43	95380-12800	NUT, crown	2
8	90386-22M15	BUSHING	2	44	687-44552-01-94	HOUSING, lower mount	2
9	90201-22M67	WASHER	2	45	92990-08100	WASHER	4
10	90185-22043	NUT, self-locking	1	46	97375-08025	BOLT	4
11	663-43145-00	CAP, clamp bracket	2	47	90501-14236	SPRING, compression	4
12	97395-10045	BOLT	6	48	90179-06066	NUT	2
13	92990-10100	WASHER	6	49	663-44553-00-EJ	COVER, lower mount	2
14	688-43181-02	LEVER, tilt stop 1	1	50	92380-06015	SCREW, cylinderhead	2
15	688-43185-02	LEVER, tilt stop 2	1	51	688-44514-00-94	MOUNT DAMPER, upper side	2
16	90501-10M21	SPRING, compression	1	52	90101-10M49	BOLT	2
17	92990-10200	WASHER	1	53	90201-20M21	WASHER	2
18	90386-10M16	BUSHING	4	54	90202-20M06	WASHER	2
19	90387-10M38	COLLAR	1	55	90201-11M22	WASHER	2
20	91490-30025	PIN, cotter	2	56	90185-10051	NUT, self-locking	2
21	663-43318-00	COVER	2	57	663-44575-00	DAMPER, lower mount 1	2
22	688-43160-01	TILT ROD ASS'Y	1	58	688-44511-00-94	COVER, upper mount	1
23	688-43165-00	. STOPPER, plate	1	59	97375-08035	BOLT	3
24	91690-30012	. PIN, spring	1	60	92990-08100	WASHER	3
25	90502-16M02	SPRING, conical	1	61	90116-10175	BOLT, stud	2
26	6E5-43126-00	PIN, upper shock mount	1	62	90185-10051	NUT, self-locking	2
27	90386-18M21	BUSHING	1	63	90101-12M65	BOLT	4
28	90386-18M35	BUSHING	2	64	92990-12200	WASHER	8
29	93410-18M02	CIRCLIP	1	65	90201-12426	WASHER	4
30	688-42510-00-EJ	BRACKET STEERING ASS'Y	1	66	95380-12600	NUT	8
31	90201-30420	WASHER	1	67	688-45251-01	ANODE	1
32	90386-30048	BUSHING	2	68	92180-06025	SCREW, ovalhead	1
33	93109-30M03	OIL SEAL	1	69	688-82148-00	WIRE, lead 5	1
34	90201-31418	WASHER	1	70	97890-06012	SCREW, panhead	1
35	663-44551-01-EJ	HOUSING, lower mount	1	71	688-82127-02	WIRE, lead 2	1
36	93410-28M06	CIRCLIP	1	72	688-48511-10-EJ	HOOK, steering	1

Fig. 9 BRACKET 2

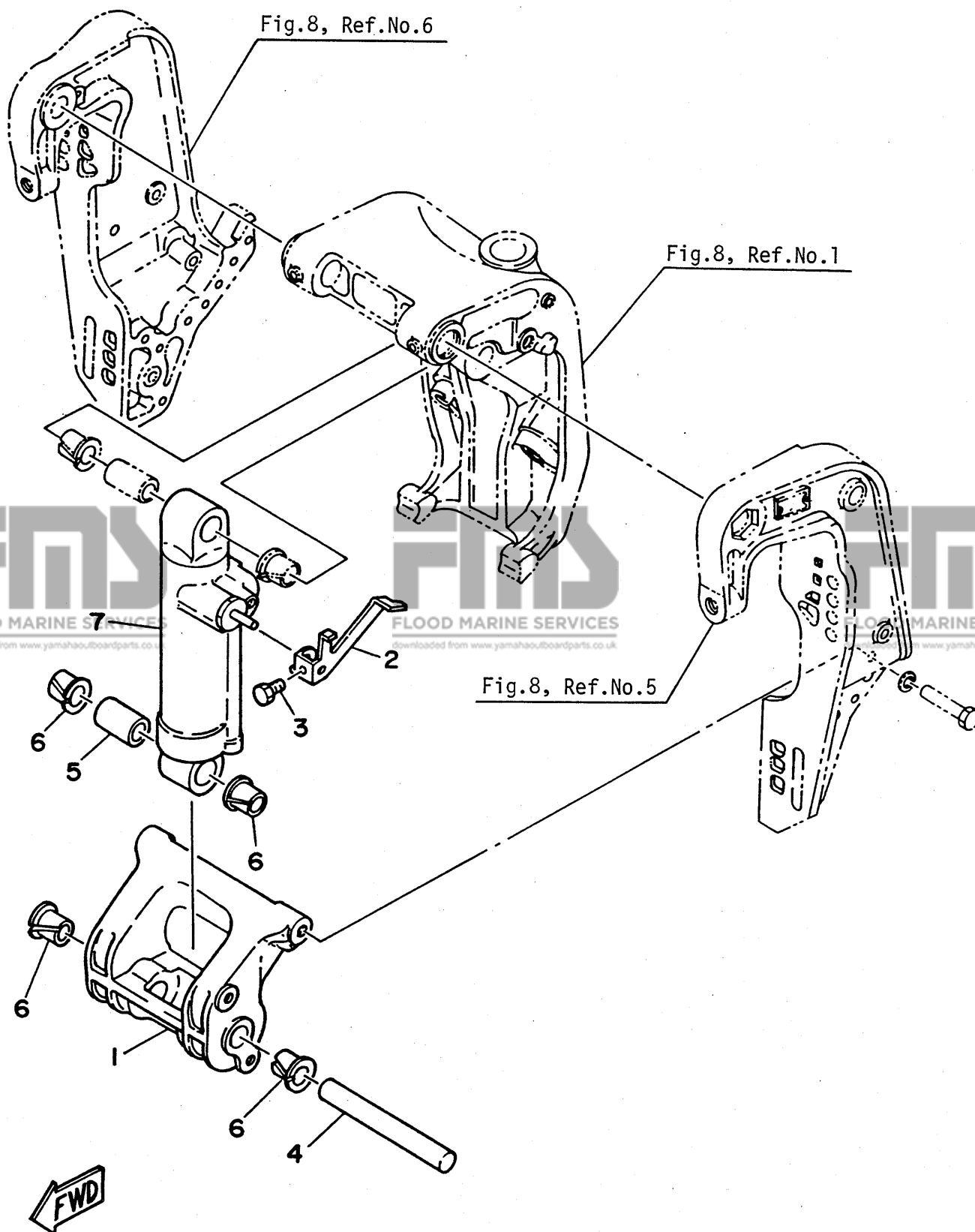


Fig. 9 BRACKET 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-43128-01-EJ	SPACER, clamp bracket	1	5	90386-18M21	BUSHING	1
2	688-43631-00	LEVER, tilt 1	1	6	90386-18M35	BUSHING	4
3	97380-06010	BOLT	1	7	688-43170-04-EJ	SHOCK ABSORBER ASS'Y	1
4	688-43124-01	PIN, lower shock mount	1				

Fig. 10 POWER TRIM & TILT

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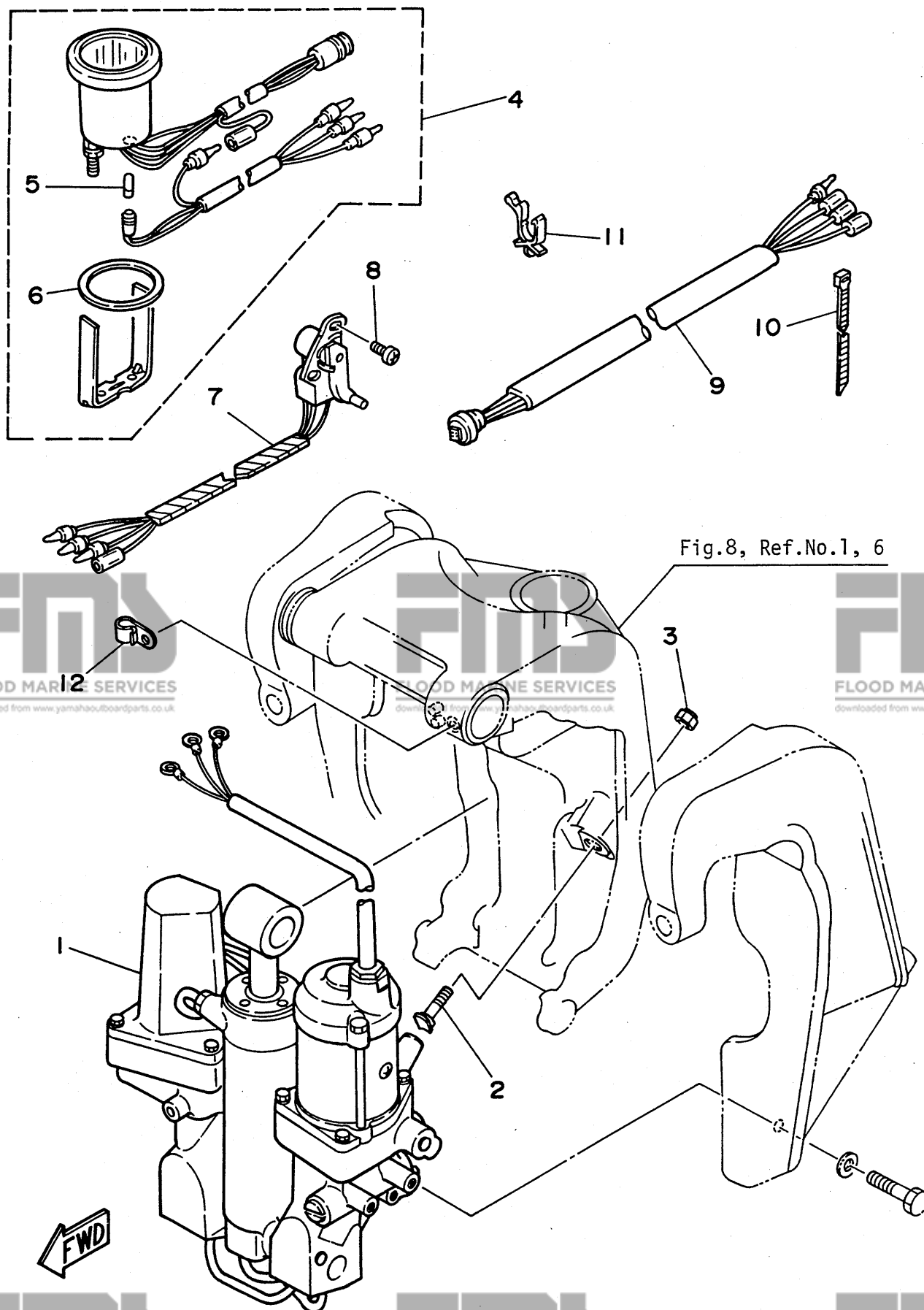


Fig. 10 POWER TRIM & TILT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
*1	6H1-43800-00-EJ	POWER TRIM & TILT ASS'Y	1	7	6E5-83672-01	TRIM SENDER	1
2	688-43376-01	BOLT, thrust receiver	2	8	97890-06016	SCREW, panhead	2
3	90185-08057	NUT, self-locking	2	9	6E5-82553-10	EXTENSION, wire lead	1
4	6Y5-83670-00	TRIM GAUGE	1	10	90464-15M08	CLAMP	1
5	6Y5-83518-00	. BULB (12V-1.7W)	1	11	90465-11M10	CLAMP	1
6	688-83664-00	. DAMPER	1	12	90465-08M07	CLAMP	1

*See Fig. 19 for detail service parts.

Fig. 11 CONTROL

Fig.15, Ref.No.3

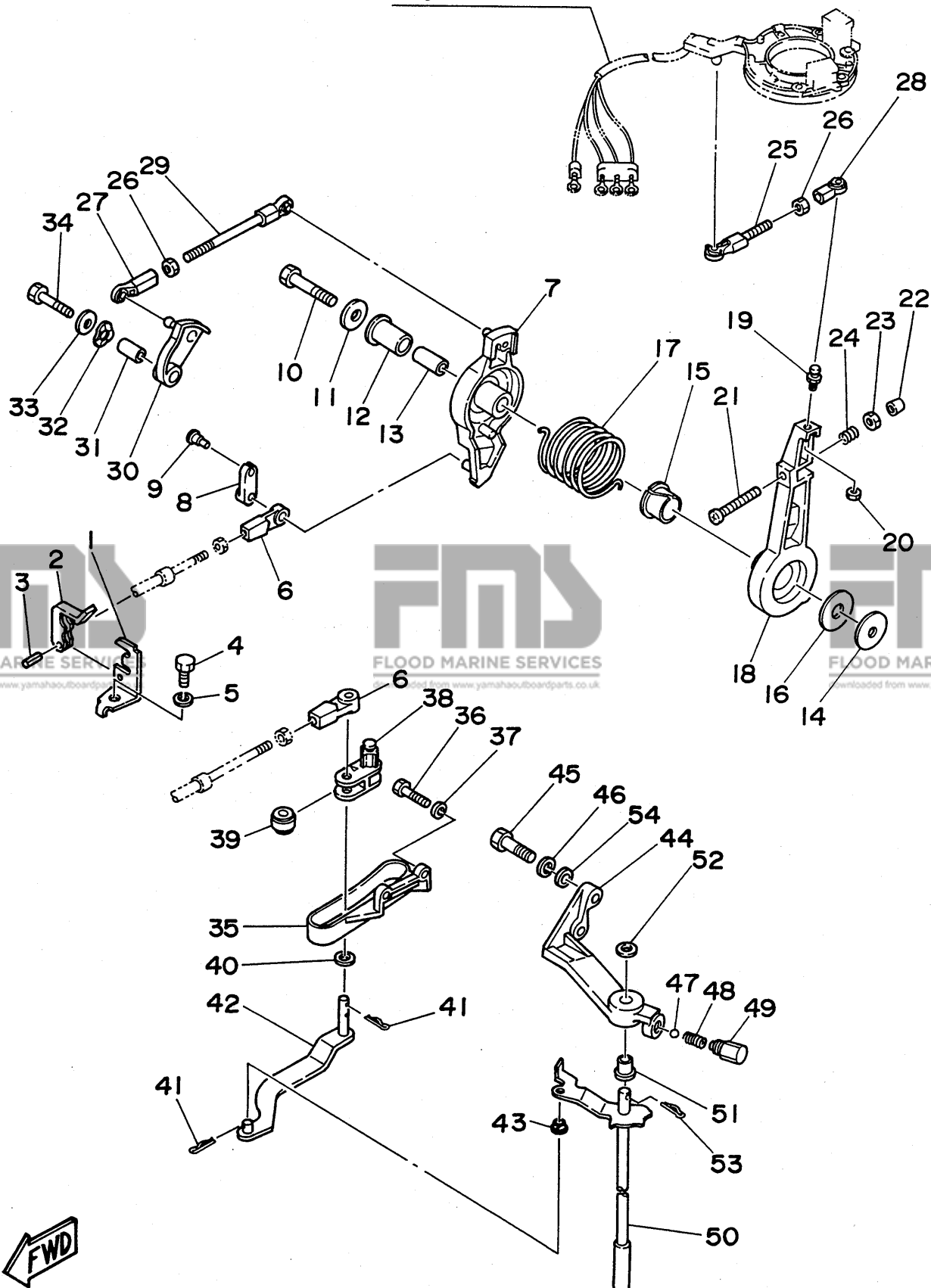


Fig. 11 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	663-48531-00	BRACKET, remote control 1	1	29	688-41211-01	LINK, accel.	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	1
5	92903-08100	WASHER	1	33	90201-06068	WASHER	1
6	663-48344-00	CABLE END, remote control	2	34	97313-06035	BOLT	1
7	688-41632-00-94	LEVER, magneto control 2	1	35	688-44117-00-94	BRACKET 1	1
8	688-44171-00	LOCK LEVER	1	36	97313-06020	BOLT	2
9	90249-05125	PIN	1	37	92903-06600	WASHER	2
10	97313-08045	BOLT	1	38	688-44124-00	LINK, shift rod	1
11	90201-08M23	WASHER	1	39	688-44122-00	BUSHING, shift rod lever	1
12	90386-12089	BUSHING	1	40	90202-07M07	WASHER	1
13	90387-08M16	COLLAR	1	41	90468-18008	PIN, hair	3
14	90201-08M13	WASHER	1	42	6H1-44121-00	LEVER, shift rod 1	1
15	90386-22M13	BUSHING	1	43	90386-06M12	BUSHING	1
16	90202-12092	WASHER	1	44	688-44118-00-94	BRACKET 2	1
17	90508-29M05	SPRING, torsion	1	45	97313-08030	BOLT	2
18	688-41631-00-94	LEVER, magneto control 1	1	46	92903-08100	WASHER	2
19	663-85518-00	JOINT, ball	1	47	93501-04M02	BALL	1
20	95303-05700	NUT	1	48	90501-12082	SPRING	1
21	90157-06013	SCREW	1	49	648-42715-00	BUSHING 2	1
22	688-44194-00	CAP	1	50	6H1-44120-11	HANDLE GEAR SHIFT ASS'Y (Long)	1 U.R.
23	95303-06600	NUT	1		6H1-44120-21	HANDLE GEAR SHIFT ASS'Y (Ultra Long)	1 U.R.
24	90501-16M12	SPRING, compression	1	51	90386-07M58	BUSHING	1
25	682-41237-50	JOINT, link	1	52	92990-08200	WASHER	1
26	95303-05600	NUT	2	53	90468-18008	PIN, hair	1
27	682-41237-00	JOINT, link 2	1	54	92903-08600	WASHER	2
28	662-41237-01	JOINT, link 2	1				

Fig. 12 UPPER CASING

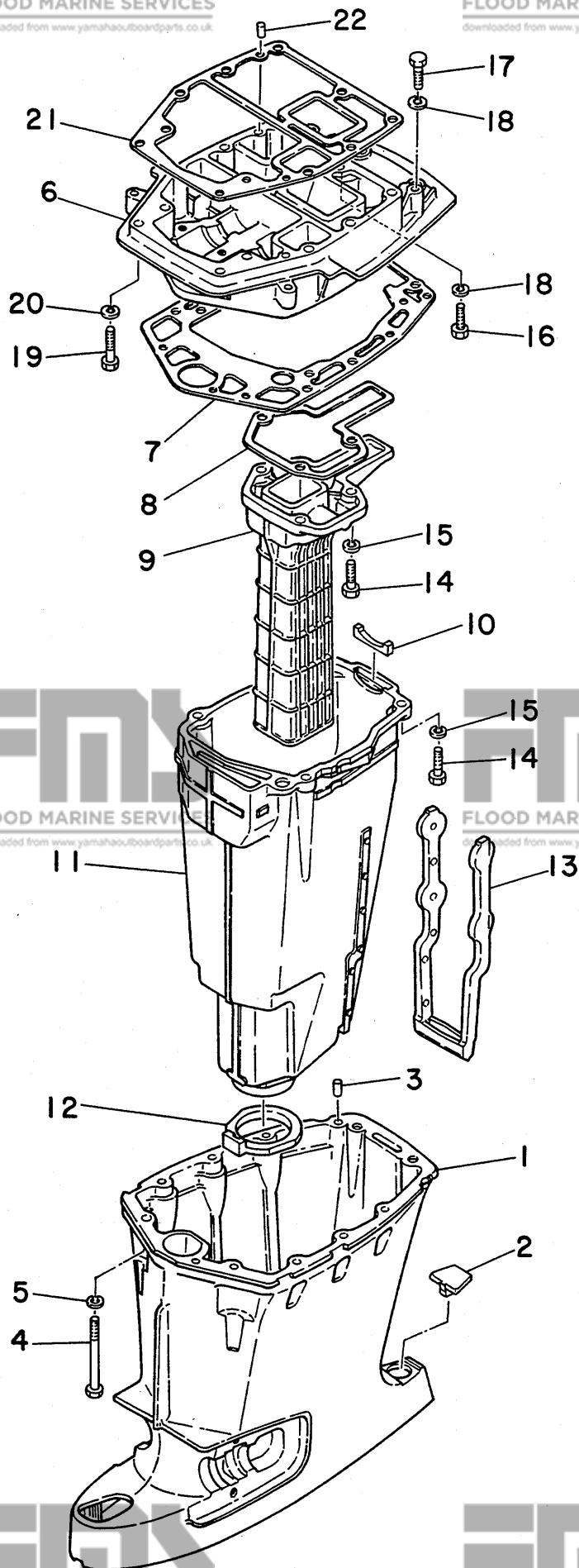
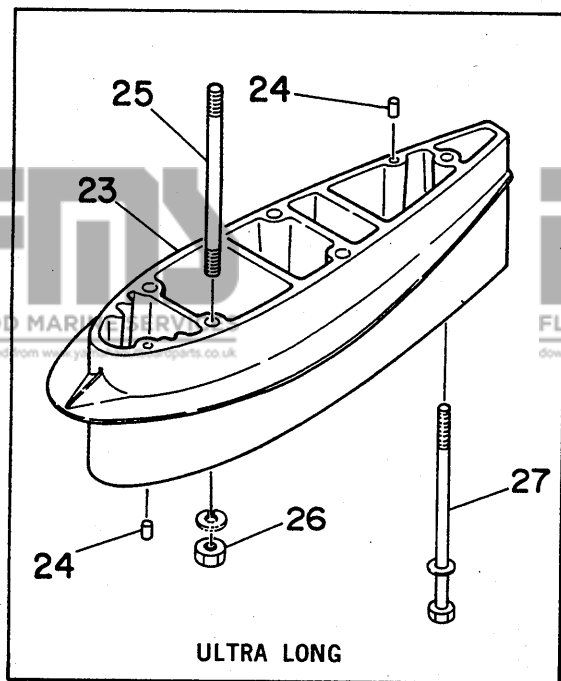


Fig. 12 UPPER CASING

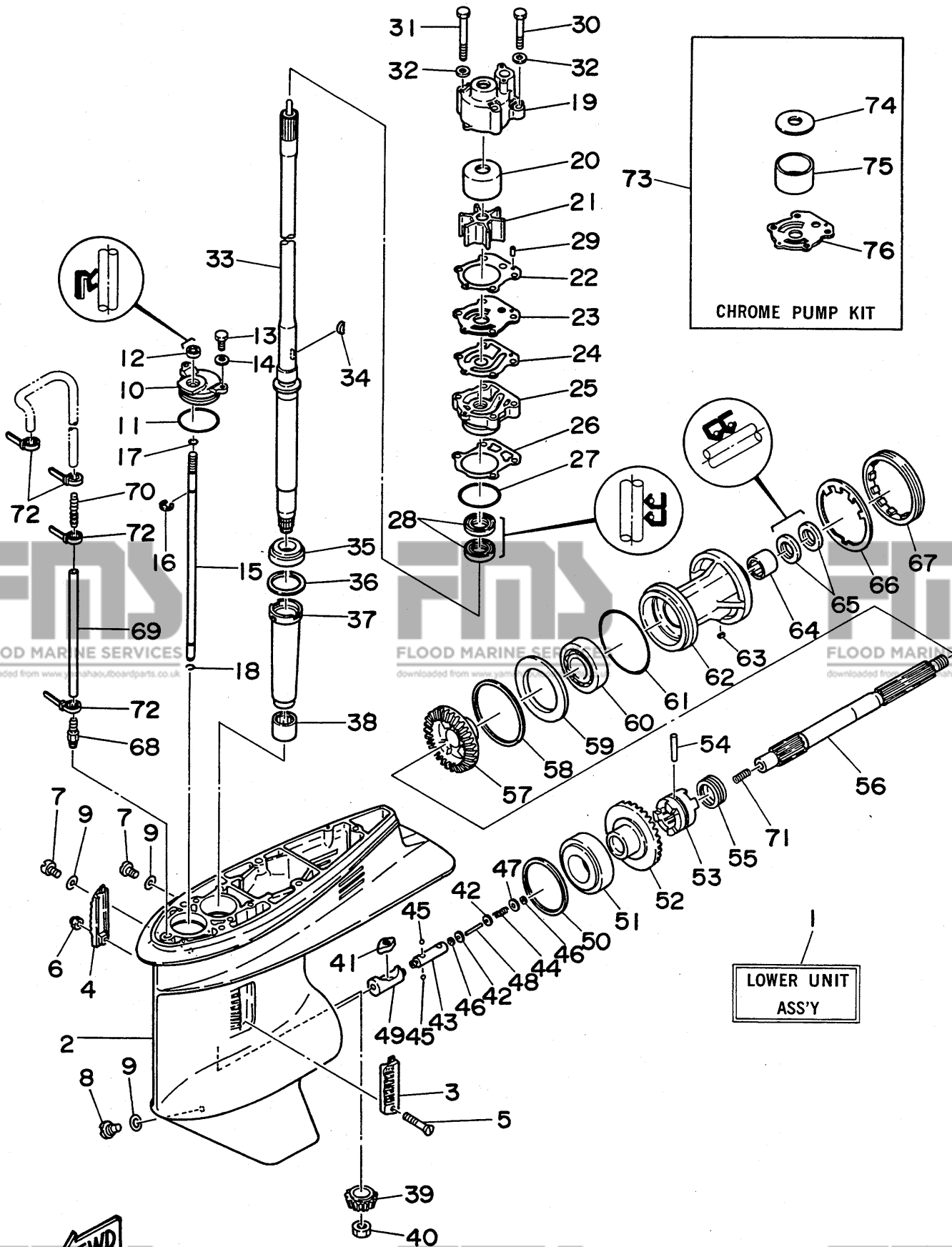
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-45111-03-EJ	CASING, upper	1	14	97375-08030	BOLT	7
2	663-45155-10	CAP	1	15	92990-08100	WASHER	7
3	93606-12019	PIN, dowel B	2	16	97375-08025	BOLT	1
4	90101-08M50	BOLT	8	17	97375-08030	BOLT	2
5	92990-08100	WASHER	8	18	92990-08100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

Fig. 13 LOWER & DRIVE I

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Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-45300-11-EJ	LOWER UNIT ASS'Y (Long)		40	90170-16M01	NUT	1
	(Ref. No. 2 to 71)		1 U.R.	41	6H1-44151-00	CAM, shift	1
	6H1-45300-21-EJ	LOWER UNIT ASS'Y (Ultra Long)		42	6H1-45635-00	PLUNGER, shift	2
	(Ref. No. 2 to 71)		1 U.R.	43	6H1-45634-01	SLIDE, shift	1
2	6H1-45301-01-EJ	CASING, lower	1	44	90501-12M48	SPRING, compression	1
3	688-45214-01	COVER, water inlet 1	1	45	93503-16003	BALL	2
4	688-45215-01	COVER, water inlet 2	1	46	90183-02M03	NUT	2
5	98180-05045	SCREW	1	47	90201-03313	WASHER, plate	1
6	90185-05002	NUT, self-locking	1	48	6H1-45668-00	SHAFT, free	1
7	90340-08014	PLUG, straight screw	2	49	6H1-45641-01	SHIFTER	1
8	688-45341-00	PLUG, drain	1				
9	90430-08020	GASKET	3	50	688-45567-00-05	SHIM 1 (0.05mm)	1 U.R.
					688-45567-00-08	SHIM 1 (0.08mm)	1 U.R.
10	688-45321-00	PLATE	1		688-45567-00-12	SHIM 1 (0.12mm)	1 U.R.
11	93210-49046	O-RING	1		688-45567-00-30	SHIM 1 (0.30mm)	1 U.R.
12	93106-09014	OIL SEAL	1		688-45567-00-50	SHIM 1 (0.50mm)	1 U.R.
13	97395-06016	BOLT	2	51	93332-000U5	BEARING, taper roller	1
14	92990-06600	WASHER	2	52	6H1-45560-00	GEAR 1 ASS'Y (26T)	1
15	6H1-44144-00	ROD, shift 2	1	53	6H1-45631-00	CLUTCH, dog	1
16	93430-08006	CIRCLIP	1	54	90250-07M02	PIN, straight	1
17	93210-07003	O-RING	1	55	688-45633-00	RING, cross pin	1
18	93450-07M00	CIRCLIP	1				
19	688-44311-01	HOUSING, water pump 1	1	56	6H1-45611-00	SHAFT, propeller	1
20	688-44322-00	INSERT, cartridge	1	57	6H1-45571-00	GEAR 2 (26T)	1
21	688-44352-03	IMPELLER	1	58	688-45577-00-05	SHIM 2 (0.05mm)	1 U.R.
22	688-44315-00	GASKET, water pump 1	1		688-45577-00-08	SHIM 2 (0.08mm)	1 U.R.
23	688-44323-00	OUTER PLATE, cartridge	1		688-45577-00-12	SHIM 2 (0.12mm)	1 U.R.
24	688-44324-00	GASKET, outer plate	1		688-45577-00-30	SHIM 2 (0.30mm)	1 U.R.
25	688-44341-00-94	HOUSING, water pump 2	1		688-45577-00-50	SHIM 2 (0.50mm)	1 U.R.
26	688-44316-01	GASKET, water pump 2	1	59	688-45576-00	WASHER, thrust 2	1
27	93210-46044	O-RING	1	60	93306-207U0	BEARING (B6207)	1
28	93101-25M03	OIL SEAL	2	61	93210-85M15	O-RING	1
29	93604-10M03	PIN, dowel B	2				
				62	688-45331-00-94	HOUSING, bearing 1	1
30	97395-08050	BOLT	2	63	90282-04010	KEY, straight	1
31	97395-08070	BOLT	2	64	93317-325U0	BEARING, needle	1
32	90209-08M02	WASHER	4	65	93101-25M03	OIL SEAL	2
33	6H1-45501-10	DRIVE SHAFT COMP. (Long)	1 U.R.	66	688-45383-01	WASHER, claw	1
	6H1-45501-20	DRIVE SHAFT COMP. (Ultra Long)	1 U.R.	67	688-45384-00	NUT	1
34	90280-04M04	KEY, woodruff	1	68	6E5-45378-00	NIPPLE, hose	1
35	93332-000U3	BEARING, taper roller	1	69	90445-07ME9	HOSE (Long)	1 U.R.
36	688-45587-00-05	SHIM 3 (0.05mm)	1 U.R.		90445-07MF2	HOSE (Ultra Long)	1 U.R.
	688-45587-00-08	SHIM 3 (0.08mm)	1 U.R.	70	6E5-83558-10	END, nipple	1
	688-45587-00-12	SHIM 3 (0.12mm)	1 U.R.				
	688-45587-00-30	SHIM 3 (0.30mm)	1 U.R.	71	90501-12M60	SPRING, compression	1
	688-45587-00-50	SHIM 3 (0.50mm)	1 U.R.	72	90465-11M10	CLAMP	4
						CHROME PUMP KIT	
37	688-45536-01	SLEEVE, drive shaft	1	73	688-W0078-1A	CHROME PUMP KIT	1
38	93315-325V1	BEARING, needle	1	74	688-44321-41	. INNER PLATE, cartridge	1
39	688-45551-01	PINION (13T)	1	75	688-44322-41	. INSERT, cartridge	1
				76	688-44323-40	. OUTER PLATE, cartridge	1

Fig. 14 LOWER & DRIVE 2

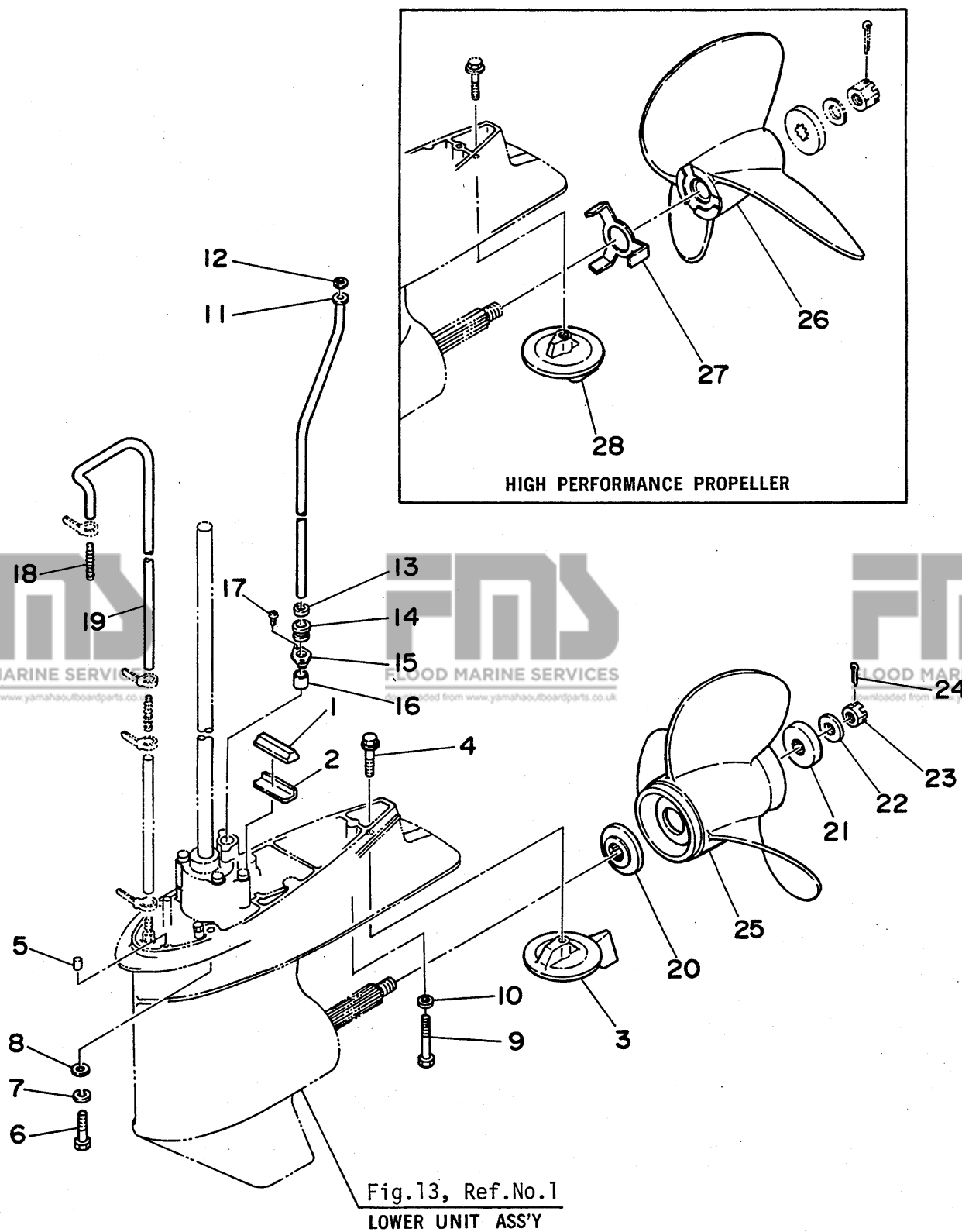


Fig. 14 LOWER & DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-45375-00	DAMPER, seal 2	1	25	6E5-45941-00-EL	PROPELLER ASS'Y 1(3x13"x19"-K)	1 U.R.
2	663-45376-00-94	GUIDE, seal damper	1		6E5-45943-00-EL	PROPELLER ASS'Y 2(3x12"x21"-K)	1 U.R.
3	688-45371-02	TRIM, tab	1		6E5-45945-00-EL	PROPELLER ASS'Y 3(3x13"x17"-K)	1 U.R.
4	90105-10M00	BOLT	1		6E5-45947-00-EL	PROPELLER ASS'Y 4(3x13"x15"-K)	1 U.R.
5	93606-12019	PIN, dowel B	2		6E5-45949-00-EL	PROPELLER ASS'Y 5(3x13"x13"-K)	1 U.R.
6	97375-10040	BOLT	4		6E5-45952-00-EL	PROPELLER ASS'Y 6(3x13"x23"-K)	1 U.R.
7	92990-10100	WASHER	4		6E5-45954-00-EL	PROPELLER ASS'Y 7(3x14"x11"-K)	1 U.R.
8	92990-10600	WASHER	4		6E5-45956-00-EL	PROPELLER ASS'Y 8(3x13"x25"-K)	1 U.R.
9	97395-08060	BOLT	1			STAINLESS STEEL PROPELLER	
10	92990-08100	WASHER	1		688-45970-03-98	PROPELLER ASS'Y 20(3x13"x19"-K)	1 U.R.
11	688-44361-10	TUBE, water (Long)	1 U.R.		688-45972-02-98	PROPELLER ASS'Y 21(3x13"x21"-K)	1 U.R.
	688-44361-20	TUBE, water (Ultra Long)	1 U.R.		688-45974-02-98	PROPELLER ASS'Y 22(3x13"x23"-K)	1 U.R.
12	90202-12060	WASHER	1		688-45976-01-98	PROPELLER ASS'Y 23(3x13"x25"-K)	1 U.R.
13	90430-12072	GASKET	1		688-45978-60-98	PROPELLER ASS'Y 24(3x13"x16"-K)	1 U.R.
14	663-44367-00	DAMPER, water seal 3	1		688-45930-01-98	PROPELLER ASS'Y 25(3x13"x17"-K)	1 U.R.
15	90480-19M06	GROMMET	1		688-45932-60-98	PROPELLER ASS'Y 26(3x13"x14"-K)	1 U.R.
16	663-44366-00	DAMPER, water seal 2	1			HIGH PERFORMANCE PROPELLER	
17	97780-40512	SCREW, panhead tapping	2	26	6E5-45970-10	PROPELLER ASS'Y (3x14"x20"-P)	1 U.R.
18	6E5-83558-00	END, nipple	1		6E5-45972-10	PROPELLER ASS'Y (3x14"x24"-P)	1 U.R.
19	90445-07MF1	HOSE	1		6E5-45974-10	PROPELLER ASS'Y (3x14"x28"-P)	1 U.R.
20	688-45987-00	SPACER 1	1		6E5-45976-10	PROPELLER ASS'Y (3x14"x22"-P)	1 U.R.
21	688-45997-00	SPACER 2	1		6E5-45978-10	PROPELLER ASS'Y (3x14"x26"-P)	1 U.R.
22	90201-17M25	WASHER	1	27	6E5-45994-10	PLATE, tooth	1 U.R.
23	90171-16011	NUT, castle	1	28	6E5-45371-10	TAB-TRIM	1 U.R.
24	91490-40025	PIN, cotter	1				

Fig. 15 C.D.I. MAGNETO

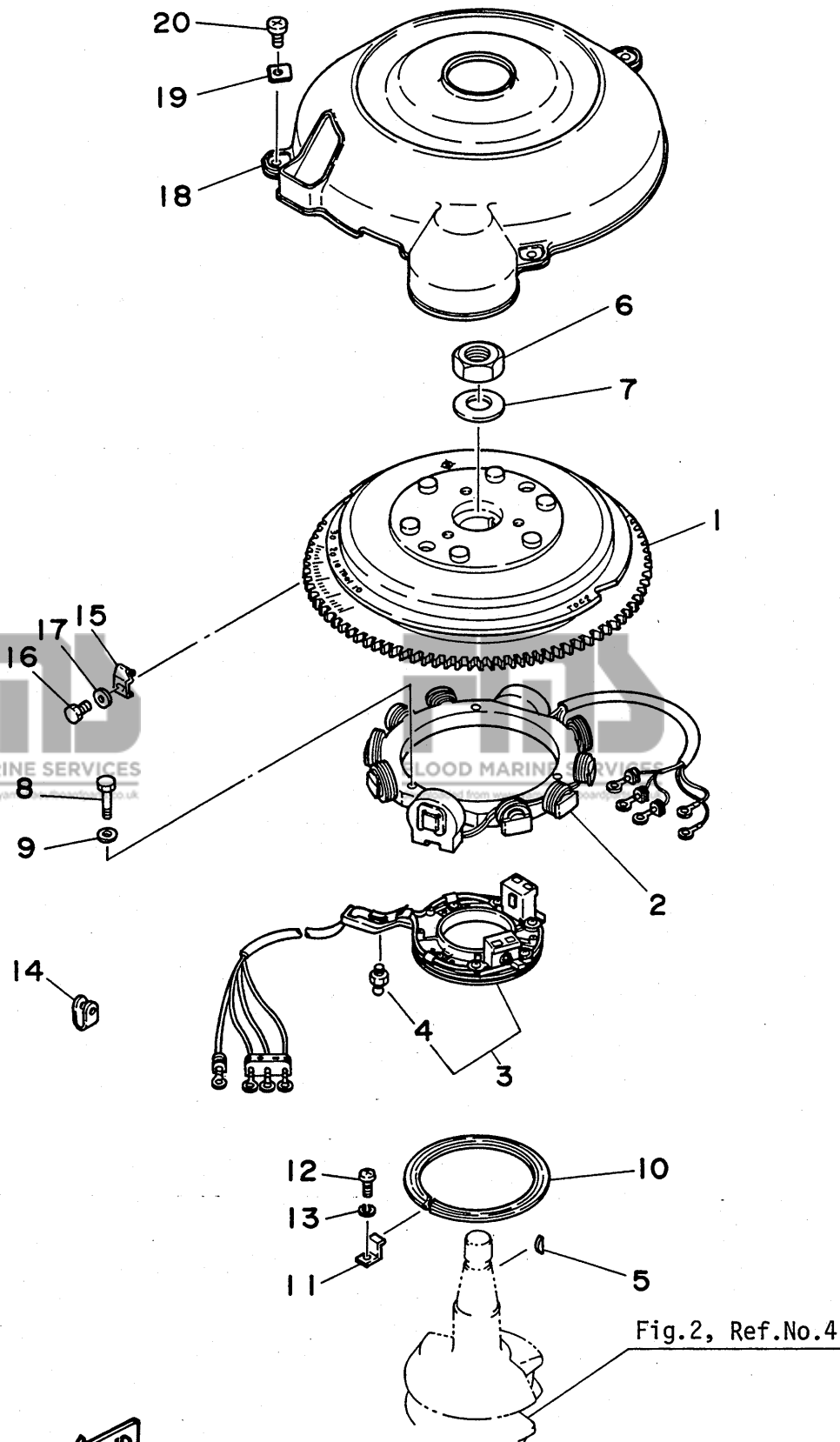


Fig. 15 C.D.I. MAGNETO

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-85550-12	ROTOR ASS'Y	1	11	688-41612-00	RETAINER, magneto base 2	3
2	688-85510-11	STATOR ASS'Y	1	12	97803-06012	SCREW, panhead	3
3	688-85580-12	PULSER ASS'Y	1	13	92903-06100	WASHER	3
4	663-85518-00	. JOINT, ball	1	14	90464-12M00	CLAMP	1
5	90280-05015	KEY, woodruff	1	15	688-81332-01	PLATE, timing	1
6	90170-20137	NUT	1	16	97313-06010	BOLT	1
7	90201-21M18	WASHER	1	17	92903-06600	WASHER	1
8	97313-06025	BOLT	3	18	6H1-81337-00	COVER, flywheel	1
9	92903-06600	WASHER	3	19	90209-06M04	WASHER	3
10	688-41611-00	RETAINER, magneto base 1	1	20	97803-06012	SCREW	3

Fig. 16 ELECTRIC STARTER

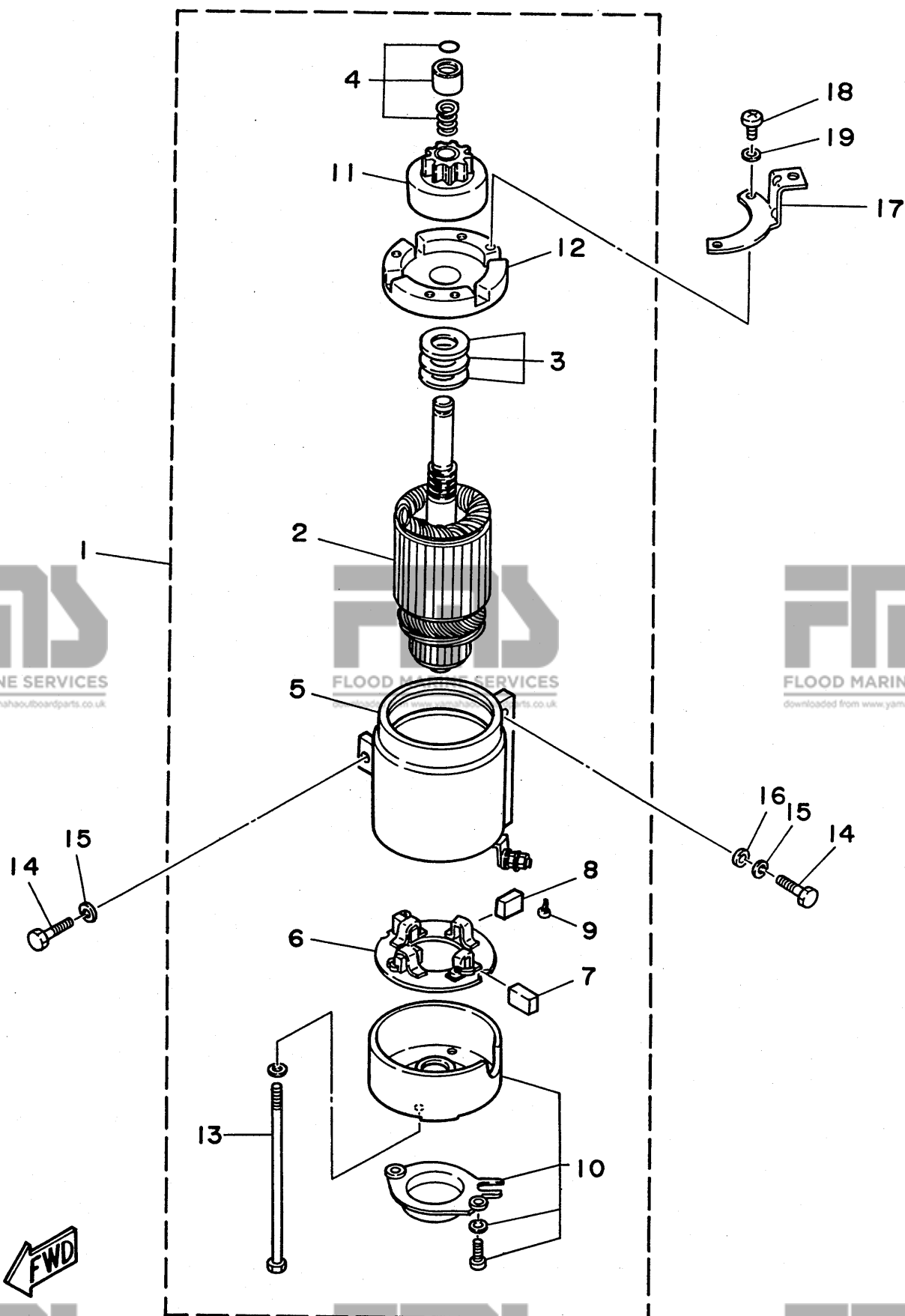


Fig. 16 ELECTRIC STARTER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-81800-11	ELECTRIC MOTOR ASS'Y	1	11	663-81832-11	. GEAR ASS'Y	1
2	676-81850-10	. ARMATURE ASS'Y	1	12	688-81830-11	. FRONT COVER ASS'Y	1
3	676-81809-10	. WASHER KIT	1	13	663-81826-10	. BOLT 1	2
4	676-81857-10	. PINION STOPPER SET	1	14	97313-08030	BOLT	3
5	688-81810-11	. STATOR ASS'Y	1	15	92903-08100	WASHER	3
6	663-81840-10	. BRUSH HOLDER ASS'Y	1	16	92990-08600	WASHER	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	2
9	663-81813-10	. SPRING, brush	4	19	92903-04600	WASHER	2
10	663-81820-11	. REAR COVER ASS'Y	1				

Fig. 17 ELECTRIC PARTS

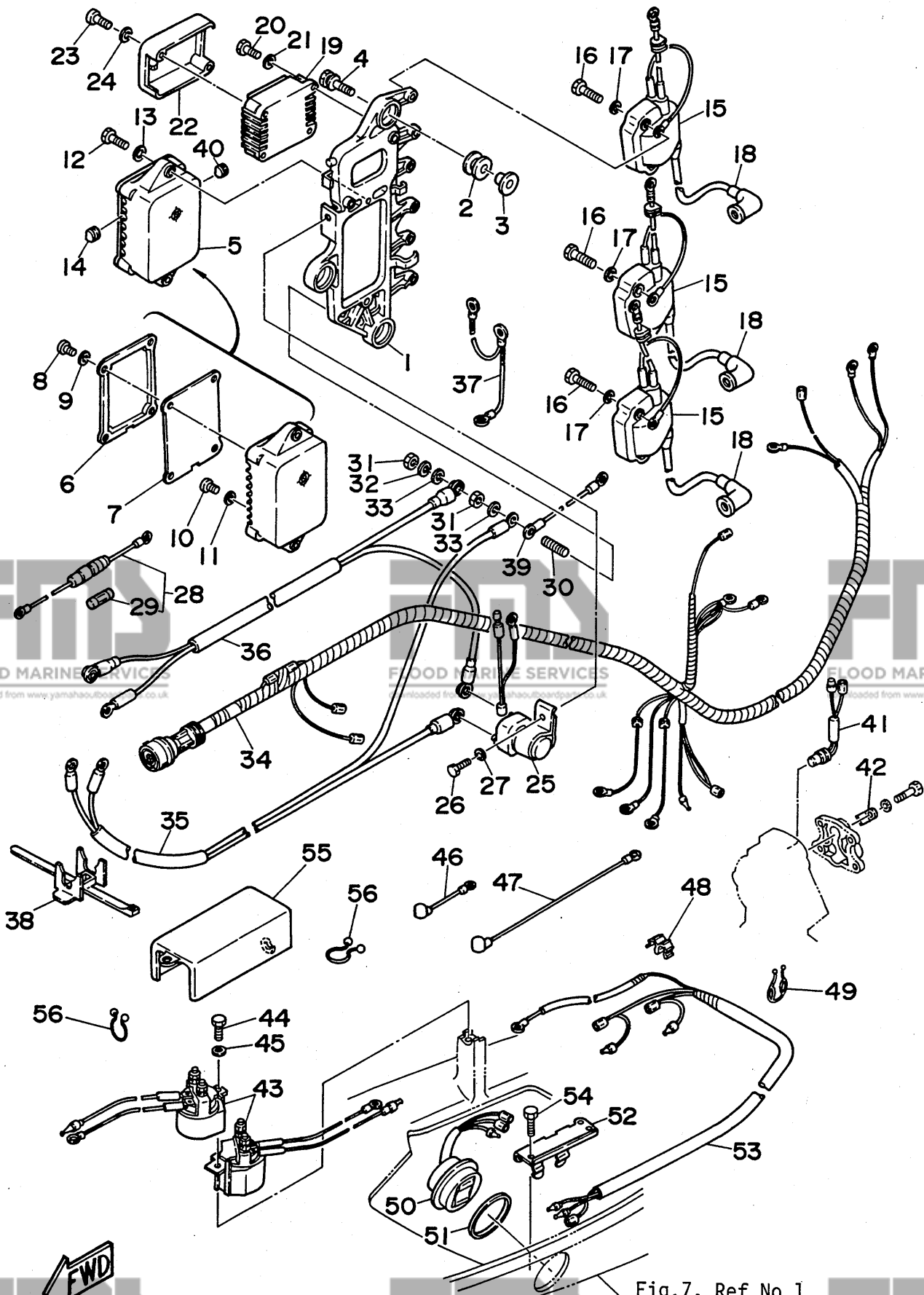


Fig.7, Ref.No.1

Fig. 17 ELECTRIC PARTS

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-85542-03-94	BRACKET	1	31	95380-06700	NUT	2
2	90480-15064	GROMMET	3	32	92990-06100	WASHER	1
3	90387-06M03	COLLAR	3	33	92990-06200	WASHER	2
4	90119-06M26	BOLT	3	34	688-82590-11	WIRE HARNESS ASS'Y	1
5	688-85540-14	C.D.I. UNIT ASS'Y	1	35	688-82105-02	WIRE LEAD ASS'Y	1
6	688-85537-12	. COVER	1	36	688-82531-01	WIRE, lead	1
7	6E5-85547-10	. DAMPER	1	37	697-82519-00	WIRE, earth lead	1
8	97890-05010	. SCREW, panhead	4	38	688-82594-00	CLAMP	1
9	92990-05600	. WASHER	4	39	688-83354-00	WIRE, earth lead	1
10	98503-04008	. SCREW, panhead	16	40	663-81922-00	GROMMET	1
11	92990-04200	. WASHER	16	41	688-82560-10	THERMO-SWITCH ASS'Y	1
12	97395-06025	BOLT	2	42	688-82588-01	PLATE	1
13	92903-06600	WASHER	2	43	688-81950-10	STARTER RELAY ASS'Y	
14	90480-06157	GROMMET	1		(80AETO/90AETO Model)		2
15	697-85570-10	IGNITION COIL ASS'Y	3	44	97313-06020	BOLT (80AETO/90AETO Model)	1
16	97313-06030	BOLT	6	45	92990-06600	WASHER (80AETO/90AETO Model)	1
17	92903-06100	WASHER	6	46	688-81949-00	WIRE, lead (80AETO/90AETO Model)	1
18	6G1-82370-20	PLUG CAP ASS'Y	3	47	688-85515-00	WIRE, lead (80AETO/90AETO Model)	1
19	688-81960-61	RECTIFIER & REGULATOR ASS'Y	1	48	90464-07M20	CLAMP	1
20	97313-06020	BOLT	2	49	90464-18M14	CLAMP	1
21	92903-06600	WASHER	2	50	6H1-82563-00	TRIM & TILT SWITCH	
22	688-81961-00	COVER	1		(80AETO/90AETO Model)		1
23	97803-05025	SCREW, panhead	2	51	6E5-82587-00	GASKET (80AETO/90AETO Model)	1
24	92903-05600	WASHER	2	52	6H1-83614-00	BRACKET (80AETO/90AETO Model)	1
25	688-81940-11	STARTER RELAY ASS'Y	1	53	6H1-82553-00	EXTENSION, wire lead	
26	97395-06016	BOLT	1		(80AETO/90AETO Model)		1
27	92903-06600	WASHER	1	54	97313-06016	BOLT (80AETO/90AETO Model)	2
28	688-82150-00	FUSE HOLDER ASS'Y	1	55	6H3-82154-00	CASE (80AETO/90AETO Model)	1
29	663-82151-00	. FUSE (12V-20A)	1	56	90464-15M11	CLAMP (80AETO/90AETO Model)	2
30	90116-06M22	BOLT, stud	1				

Fig. 18 OIL PUMP

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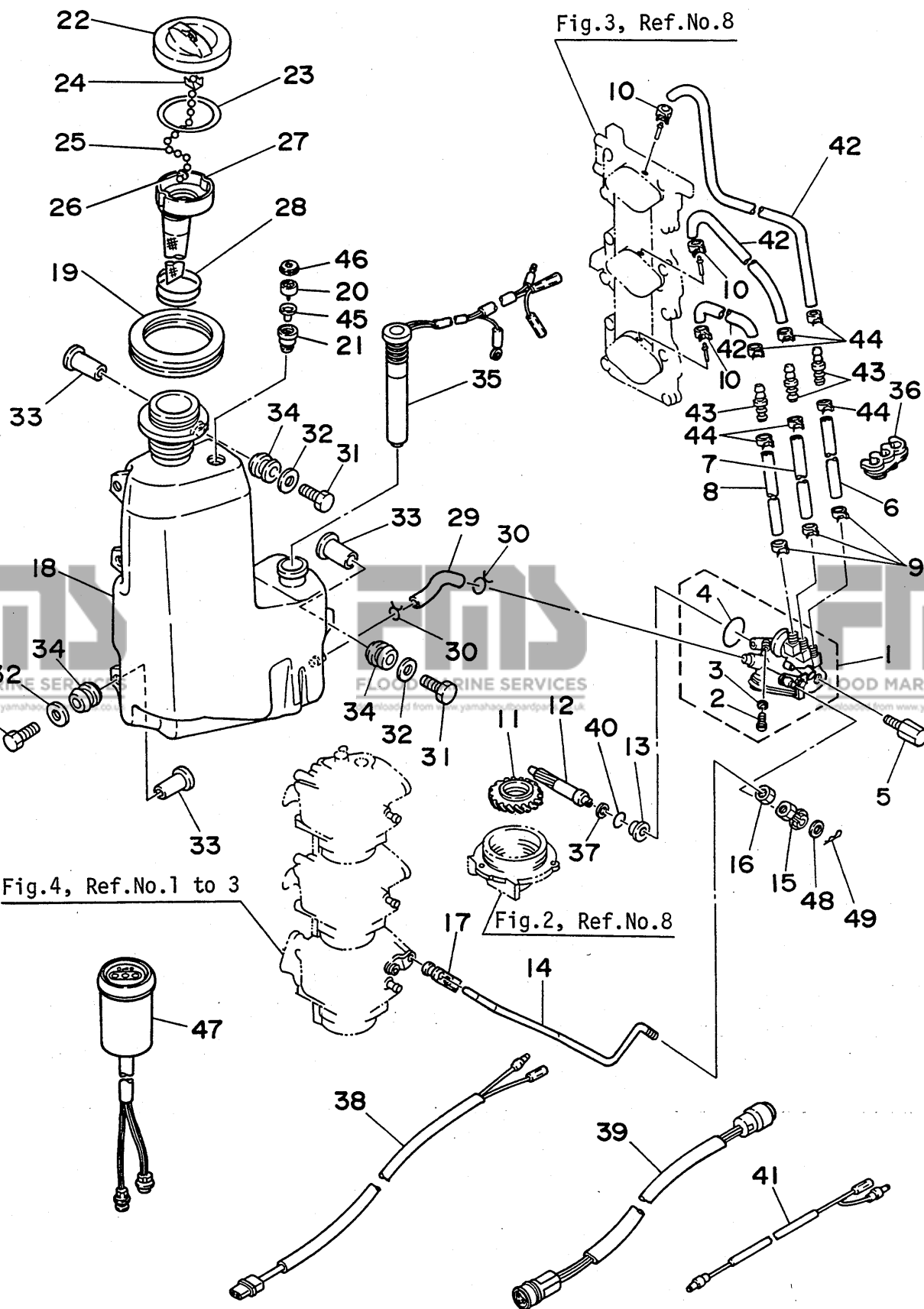
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Fig. 18 OIL PUMP

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-13200-01	OIL PUMP ASS'Y	1	26	6H1-21757-00	WASHER, special 1	1
2	6E5-13471-00	. PLUG, drain	1	27	6H1-24251-01	STRAINER 1	1
3	6E5-13475-00	. GASKET	1	28	90501-14M45	SPRING	1
4	6E5-14562-00	. O-RING	1	29	6H1-21766-01	PIPE, oil	1
5	90109-06M22	BOLT	2	30	90467-08004	CLIP	2
6	90445-07M90	HOSE	1	31	97313-06025	BOLT	5
7	90445-07240	HOSE	1	32	90201-06050	WASHER	5
8	90445-07M44	HOSE	1	33	624-42542-00	PIPE 1	5
9	90468-07M02	CLIP	3	34	6A0-82317-00	DAMPER	5
10	90468-07M02	CLIP	3	35	6H1-85720-11	OIL LEVEL GAUGE ASS'Y	1
11	6H1-11536-00	GEAR, drive	1	36	90464-07M05	CLAMP	1
12	6H1-11537-00	GEAR, driven	1	37	90201-08M93	WASHER, plate	1
13	6H1-13117-00	COLLAR, distance	1	38	6H1-81971-10	WIRE, lead	1
14	6H1-41241-00	ROD 1	1	39	6H1-84348-20	WIRE, lead	1
15	6H1-41237-00	JOINT, link 2.	1	40	93210-13M04	O-RING	1
16	95303-05600	NUT	1	41	6H1-81315-00	WIRE, lead	1
17	6E9-41237-00	JOINT, link 2	1	42	90445-07M87	HOSE	3
18	6H1-21707-01	OIL TANK COMP.	1	43	6E5-13132-00	JOINT	3
19	6H1-21735-00	SEAL 2	1	44	90468-07M02	CLIP	6
20	6H1-21744-10	BREATHER	1	45	90386-03M59	BUSHING	1
21	6H1-21773-00	GROMMET	1	46	6H1-24217-00	COVER	1
22	6H1-21771-01	BODY, cap	1	47	6H4-84301-10	PILOT LIGHT ASS'Y	1
23	6H1-21772-01	GASKET, cap	1	48	90202-05088	WASHER	1
24	6H1-24634-00	HOOK, chain ball	1	49	90468-05M03	CLIP	1
25	6H1-24633-00	CHAIN, ball	1				

Fig. 19 POWER TRIM & TILT ASS'Y

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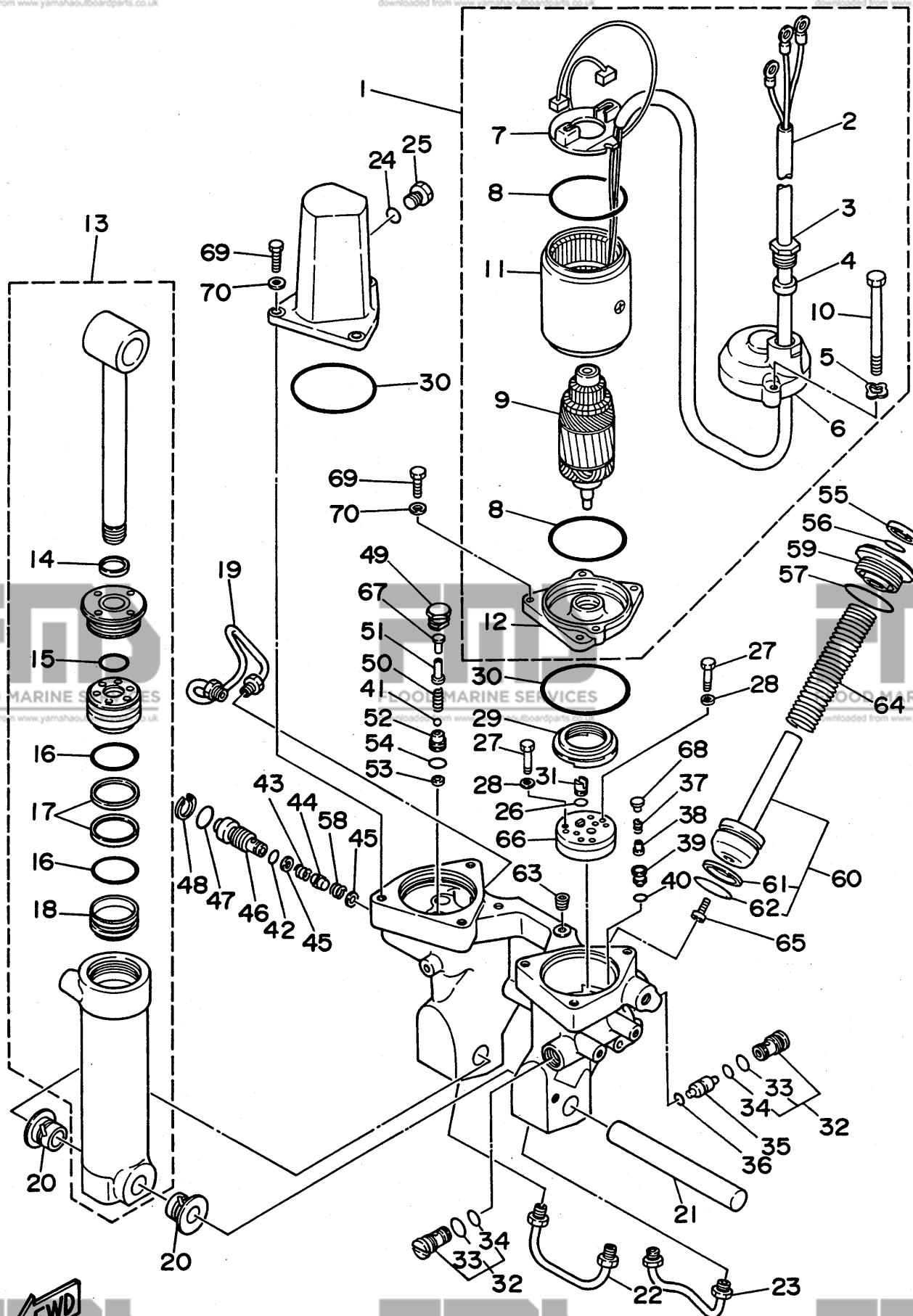
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Fig. 19 POWER TRIM & TILT ASS'Y

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
	6H1-43800-00-EJ	POWER TRIM & TILT ASS'Y (See Fig. 10, Ref. No. 1)	1	36	6H1-43868-00	. O-RING	1
1	6H1-43880-00	. MOTOR ASS'Y	1	37	6H1-43856-00	. SPRING, down relief	1
2	6H1-43807-00	. . WIRE SUB ASS'Y	1	38	6H1-43844-00	. PIN, valve support	1
3	6H1-43886-00	. . BOLT	1	39	6H1-43851-00	. SEAT, relief valve	1
4	6H1-43885-00	. . GROMMET	1	40	6H1-43883-00	. O-RING	1
5	6H1-43826-00	. . WASHER, wave	1	41	93505-32038	. BALL	2
6	6H1-43884-00	. . FRAME, commutator end	1	42	93210-10M74	. O-RING	3
7	6H1-43806-00	. . BRUSH HOLDER ASS'Y	1	43	6H1-43854-00	. SPRING, manual release	1
8	93210-71M76	. . O-RING	1	44	6H1-4382A-00	. ADAPTOR 1	1
9	6H1-43805-00	. . ARMATURE ASS'Y	1	45	6H1-43847-00	. SEAT, manual valve	2
10	6H1-43887-00	. . BOLT, through	2	46	6H1-43845-00	. SCREW, manual release	1
11	6H1-43804-00	. . STATOR ASS'Y	1	47	93210-18M75	. O-RING	1
12	6H1-43881-00	. . FRAME, end	1	48	6H1-43875-00	. RING, snap	1
13	6H1-4380E-00	. TILT CYLINDER ASS'Y	1	49	6H1-43843-00	. SCREW, valve lock	1
14	6H1-43872-00	. . RING, back up	1	50	6H1-43855-00	. SPRING, up releif	1
15	6H1-43861-00	. . O-RING	1	51	6H1-43859-00	. PIN, valve support	1
16	6H1-43862-00	. . O-RING	2	52	6H1-43895-00	. SEAT, relief valve	1
17	6H1-43871-00	. . RING, back up	2	53	6H1-43816-00	. FILTER 1	1
18	6H1-43814-00	. . PISTON, free	1	54	6H1-43896-00	. O-RING	1
19	6H1-43835-00	. PIPE	1	55	6H1-43822-00	. SEAL, trim dust	2
20	90386-18M14	. BUSH	2	56	93210-16275	. O-RING	2
21	6E5-43818-00	. PIN, lower shock mount	1	57	6H1-43862-00	. O-RING	2
22	6H1-43834-00	. PIPE	1	58	6H1-43899-00	. PLATE STOPPER	1
23	6H1-43833-00	. PIPE	1	59	6H1-43821-00	. SCREW, trim cylinder	2
24	93210-09165	. O-RING	1	60	6H1-43820-00	. PISTON SUB ASS'Y	2
25	6H1-43829-00	. PLUG, reservoir	1	61	6H1-43874-00	. . RING, back up	1
26	93210-06519	. O-RING	3	62	6H1-43864-00	. . O-RING	1
27	97301-05025	. BOLT	3	63	6H1-4388E-00	. PLUG, taper screw	1
28	92901-05600	. WASHER	3	64	6H1-4384E-00	. SPRING, trim	2
29	6H1-43817-00	. FILTER 2	1	65	91318-06020	. BOLT	2
30	6H1-43869-00	. O-RING	2	66	6H1-43830-00	. GEAR PUMP ASS'Y	1
31	6H1-43831-00	. CONNECTOR, shaft	1	67	6H1-4381G-00	. PIN 1	1
32	6H1-43802-00	. VALVE SUB ASS'Y	2	68	6H1-4381H-00	. PIN 2	1
33	6H1-43866-00	. . O-RING	1	69	97395-06020	. BOLT	6
34	6H1-43867-00	. . O-RING	1	70	92990-06100	. WASHER	6
35	6H1-43841-00	. PISTON, shuttle	1				

Fig. 20 REPAIR KIT I

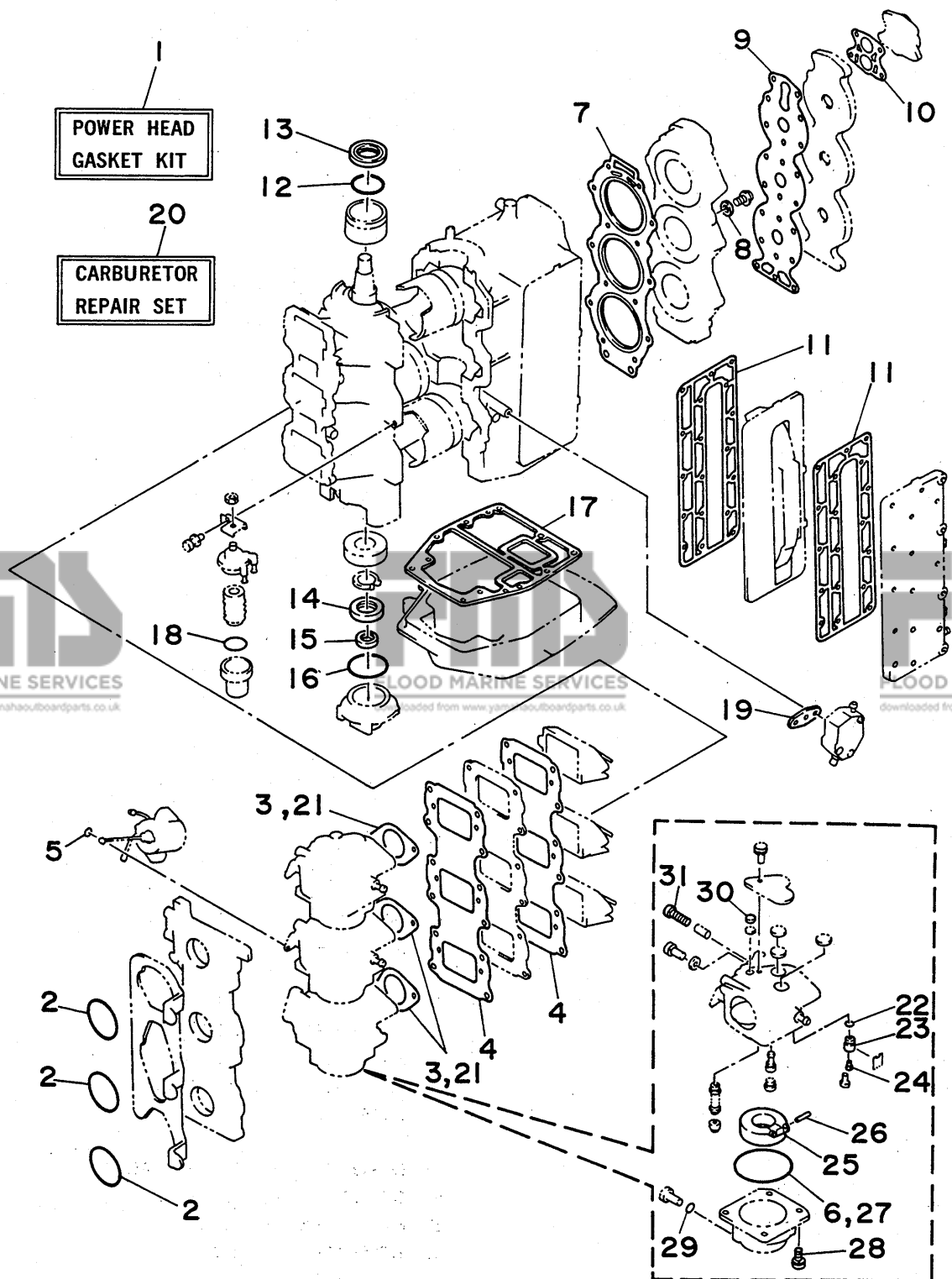


Fig. 20 REPAIR KIT 1

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	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
4	688-13621-00	. PACKING, valve seat 1	2	20	6H1-W0093-00	CARBURETOR REPAIR SET	1
5	93210-03261	. O-RING	1	21	688-14198-00	. GASKET	3
6	676-14984-00	. O-RING	3	22	93210-04228	. O-RING	3
7	688-11181-02	. GASKET, cylinder head	1	23	692-14590-00	. VALVE SEAT	3
8	90430-14115	. GASKET	1	24	676-14186-00	. PIN, valve	3
9	688-11193-01	. GASKET, head cover	1	25	676-14985-01	. FLOAT COMP.	3
10	688-12414-00	. GASKET, cover	1	26	688-14548-00	. PIN, float	3
11	688-41112-00	. GASKET, exhaust inner cover	2	27	676-14984-00	. O-RING	3
12	93210-46M16	. O-RING	1	28	90159-04M00	SCREW, with washer	3
13	93102-36M02	. OIL SEAL	1	29	93210-04230	. O-RING	3
14	93102-30M05	. OIL SEAL	1	30	663-14126-00	. PACKING	3
15	93104-20M02	. OIL SEAL	1	31	692-14923-00	. SCREW, adjusting	3
16	93210-62269	. O-RING	1				

Fig. 21 REPAIR KIT 2

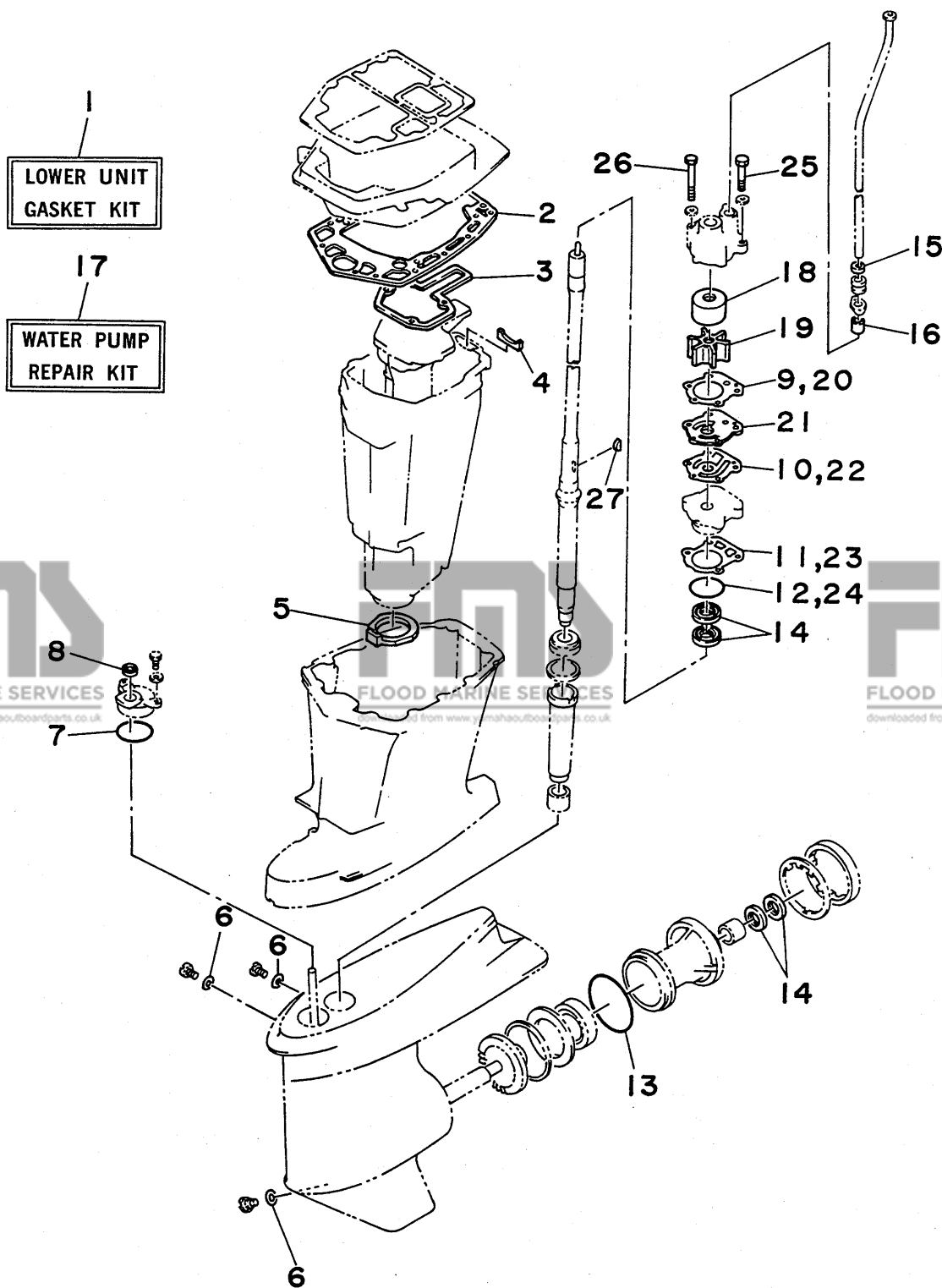


Fig. 21 REPAIR KIT 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-W0001-20	LOWER UNIT GASKET KIT	1	15	90430-12072	. GASKET	1
2	688-45114-01	. GASKET, upper casing 2	1	16	663-44366-00	. DAMPER, water seal 2	1
3	688-41134-00	. GASKET, exhaust manifold 2	1	17	692-W0078-00	WATER PUMP REPAIR KIT	1
4	688-41133-00	. GASKET, exhaust manifold 1	1	18	688-44322-00	. INSERT, cartridge	1
5	688-45123-00	. GASKET, muffler	1	19	688-44352-03	. IMPELLER	1
6	90430-08020	. GASKET	3	20	688-44315-00	. GASKET, water pump 1	1
7	93210-49046	. O-RING	1	21	688-44323-00	. OUTER PLATE, cartridge	1
8	93106-09014	. OIL SEAL	1	22	688-44324-00	. GASKET, outer plate	1
9	688-44315-00	. GASKET, water pump 1	1	23	688-44316-01	. GASKET, water pump 2	1
10	688-44324-00	. GASKET, outer plate	1	24	93210-46044	. O-RING	1
11	688-44316-01	. GASKET, water pump 2	1	25	97395-08050	. BOLT	2
12	93210-46044	. O-RING	1	26	97395-08070	. BOLT	2
13	93210-85M15	. O-RING	1	27	90280-04M04	. KEY, woodruff	1
14	93101-25M03	. OIL SEAL	4				



ALTERNATE PARTS

A.P.



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Fig. 1 FUEL TANK & FUEL PIPE

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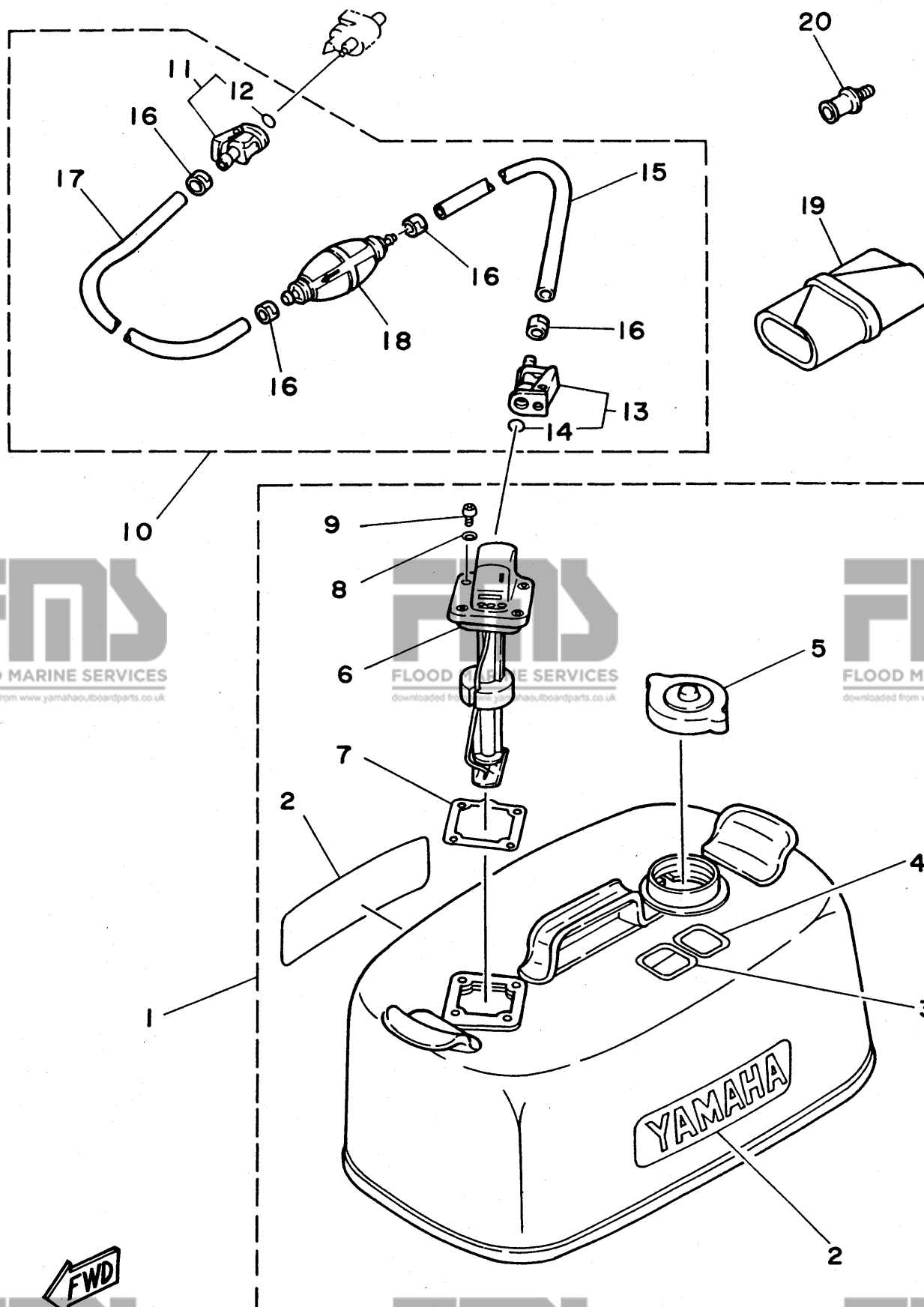
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Fig. 1 FUEL TANK & FUEL PIPE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6Y1-24207-81-24	FUEL TANK ASS'Y	1	11	6G1-24305-00	. FUEL PIPE JOINT COMP. 2	1
2	6Y1-24246-00	. GRAPHIC, side	2	12	93210-08287	. . O-RING	1
3	6Y1-24256-80	. GRAPHIC	1	13	6Y1-24305-01	. FUEL PIPE JOINT, COMP.	1
4	6Y1-24257-00	. GRAPHIC	1	14	93210-08287	. . O-RING	1
5	6Y1-24610-00	. CAP ASS'Y	1	*15	90445-11M06	. HOSE (L:2050mm)	1
6	6Y1-24260-01	. FUEL METER ASS'Y	1	16	650-24351-01	. BAND, fuel pipe 1	4
7	6Y1-24268-00	. GASKET, fuel meter housing	1	*17	90445-11M05	. HOSE (L:850mm)	1
8	6Y1-24329-00	. SEAL	4	18	6Y1-24360-02	. PRIMARY PUMP ASS'Y	1
9	98586-05016	. SCREW, panhead	4	19	6E0-28100-01	TOOL ASS'Y	1
10	6Y1-24306-05	FUEL PIPE ASS'Y	1	20	6E0-28193-00-94	PLUG, water check	1

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

Fig. 2 REMOTE CONTROL

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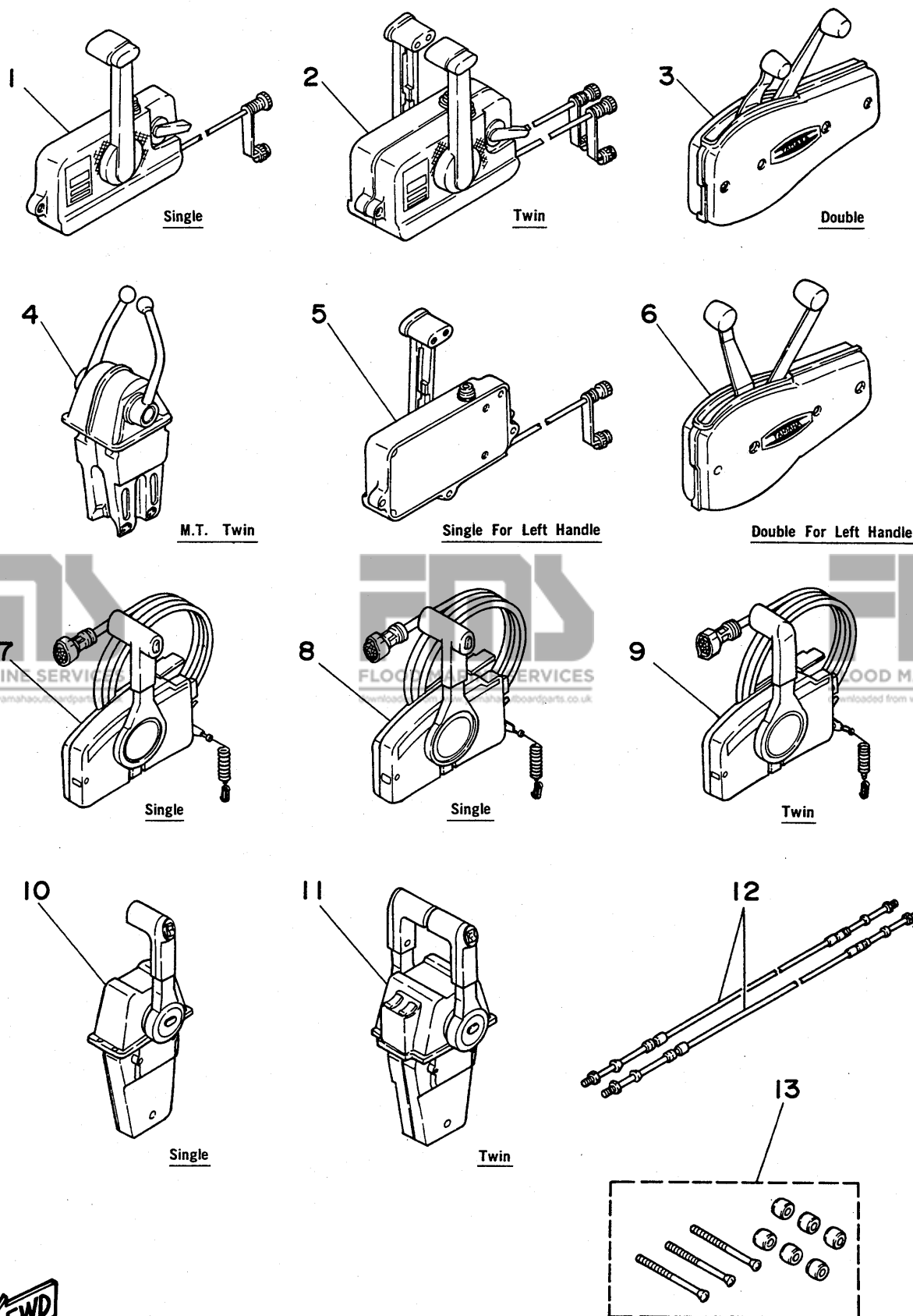
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Fig. 2 REMOTE CONTROL

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

Fig. 3 ATTACHMENT ASS'Y 1 (25J/30D MODEL)

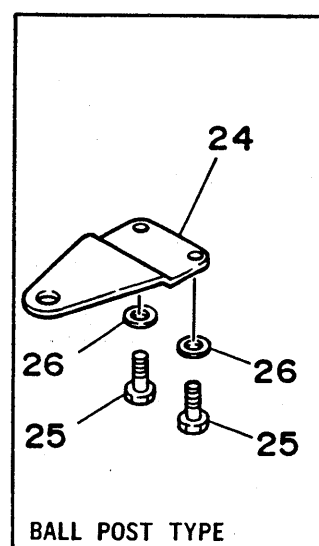
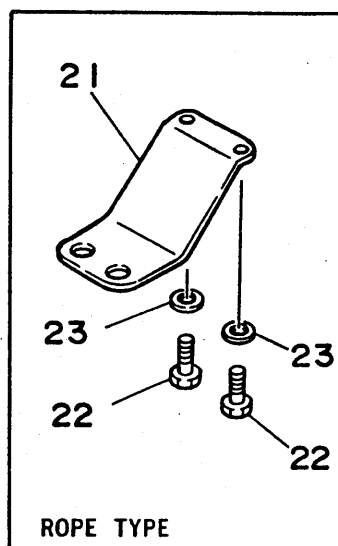
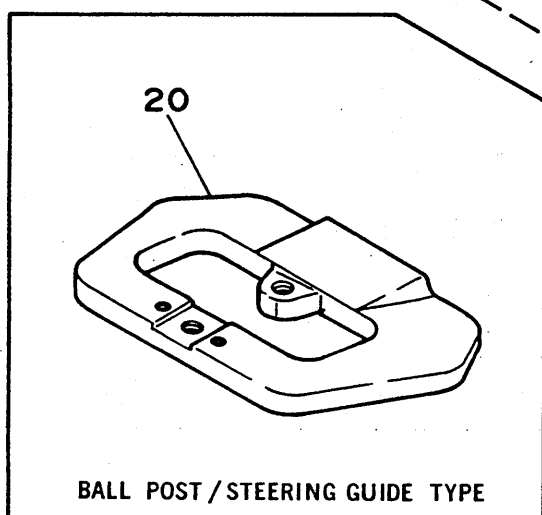
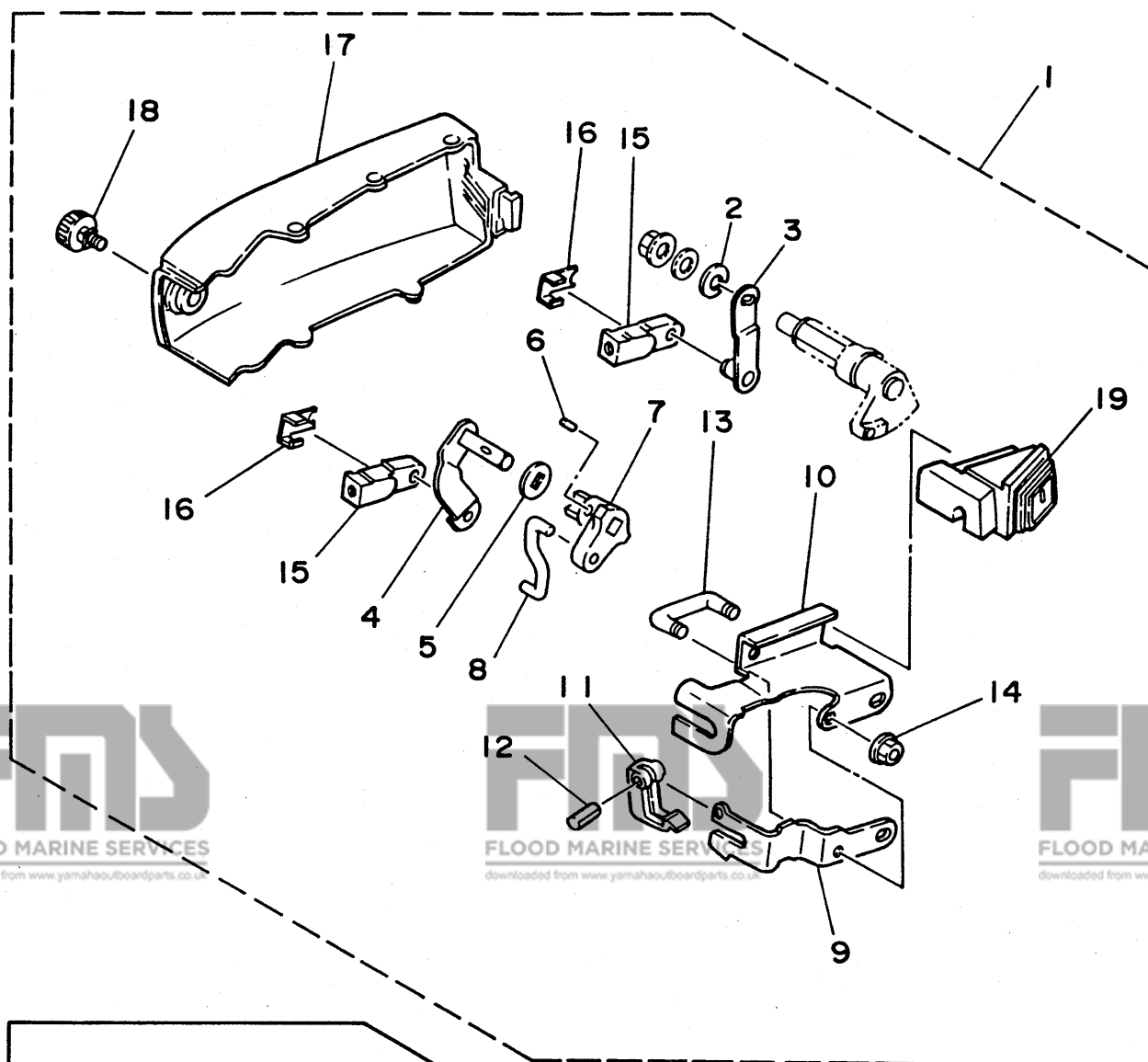


Fig. 3 ATTACHMENT ASS'Y 1 (25J/30D MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6J8-48501-01-EJ	REMOTE CONT. ATTACHMENT ASS'Y	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	91690-30016	. PIN, spring	1	20	6J8-48511-00-EJ	H00K, steering (Ball Post/Steering Guide Type)	1 A.P.
7	6J8-44173-01	. LEVER, shift control	1	21	6G8-48511-00	H00K, steering (Rope Type)	1 A.P.
8	6J8-42169-00	. 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	H00K, steering (Ball Post Type)	1 A.P.
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 ASS'Y 2 (40H/50D MODEL)

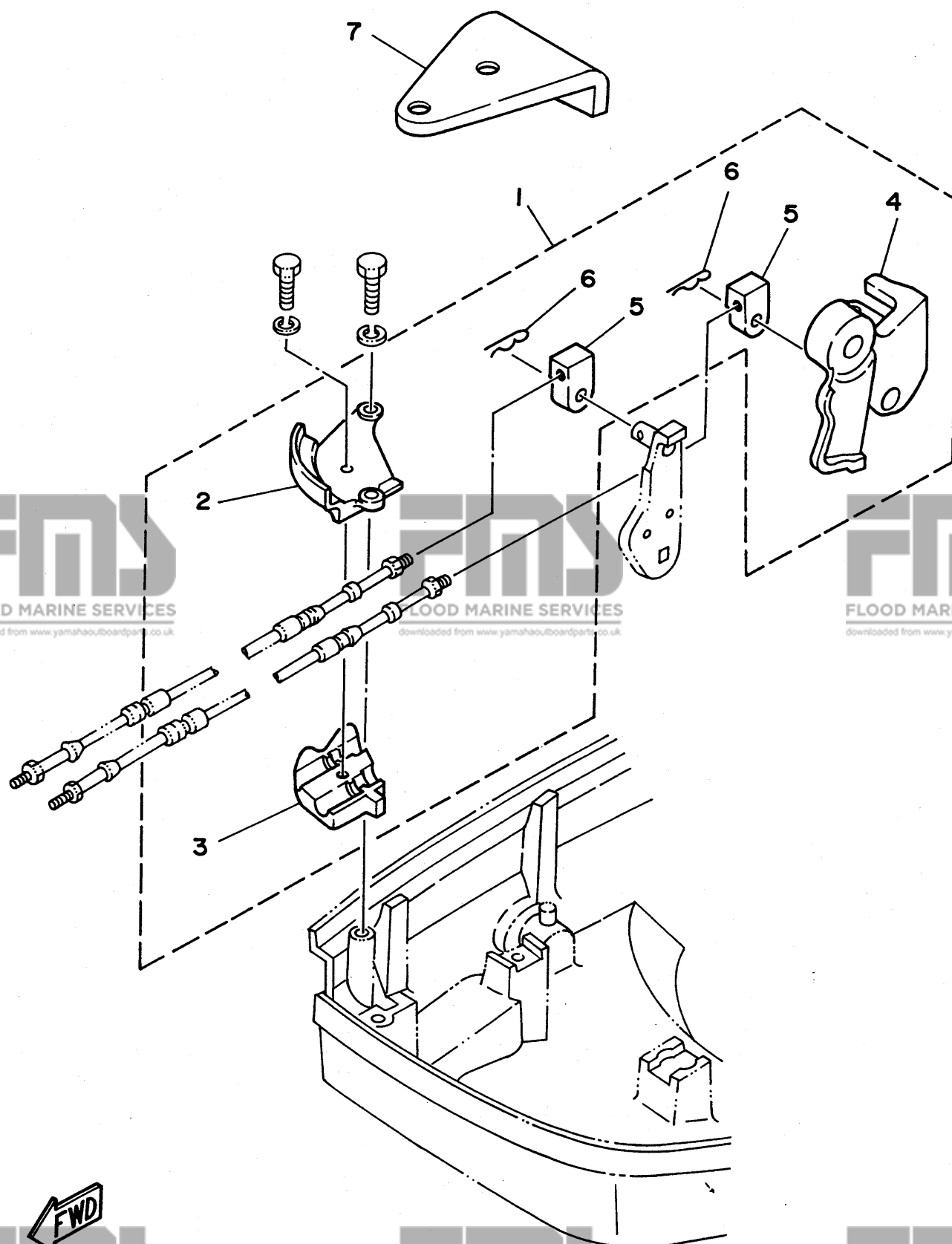


Fig. 4 ATTACHMENT ASS'Y 2 (40H/50D MODEL)

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	H00K, steering (Steering Guide Type)	1 U.R.
2	6H4-48531-10-94	. BRACKET, remote control 1	1		6H5-48511-50-EJ	H00K, steering (50DETO Model)	1 U.R.
3	6H4-48532-10-94	. BRACKET, remote control 2	1			(Steering Guide Type)	1 U.R.
4	6H4-41213-03	. CAM, accel.	1		688-48511-00-EJ	H00K, steering (Ball Post Type)	1 U.R.
5	6H4-48344-00	. CABLE END, remote control	2				
6	90468-18008	. PIN, hair	2				

Fig. 5 STEERING GUIDE ATTACHMENT

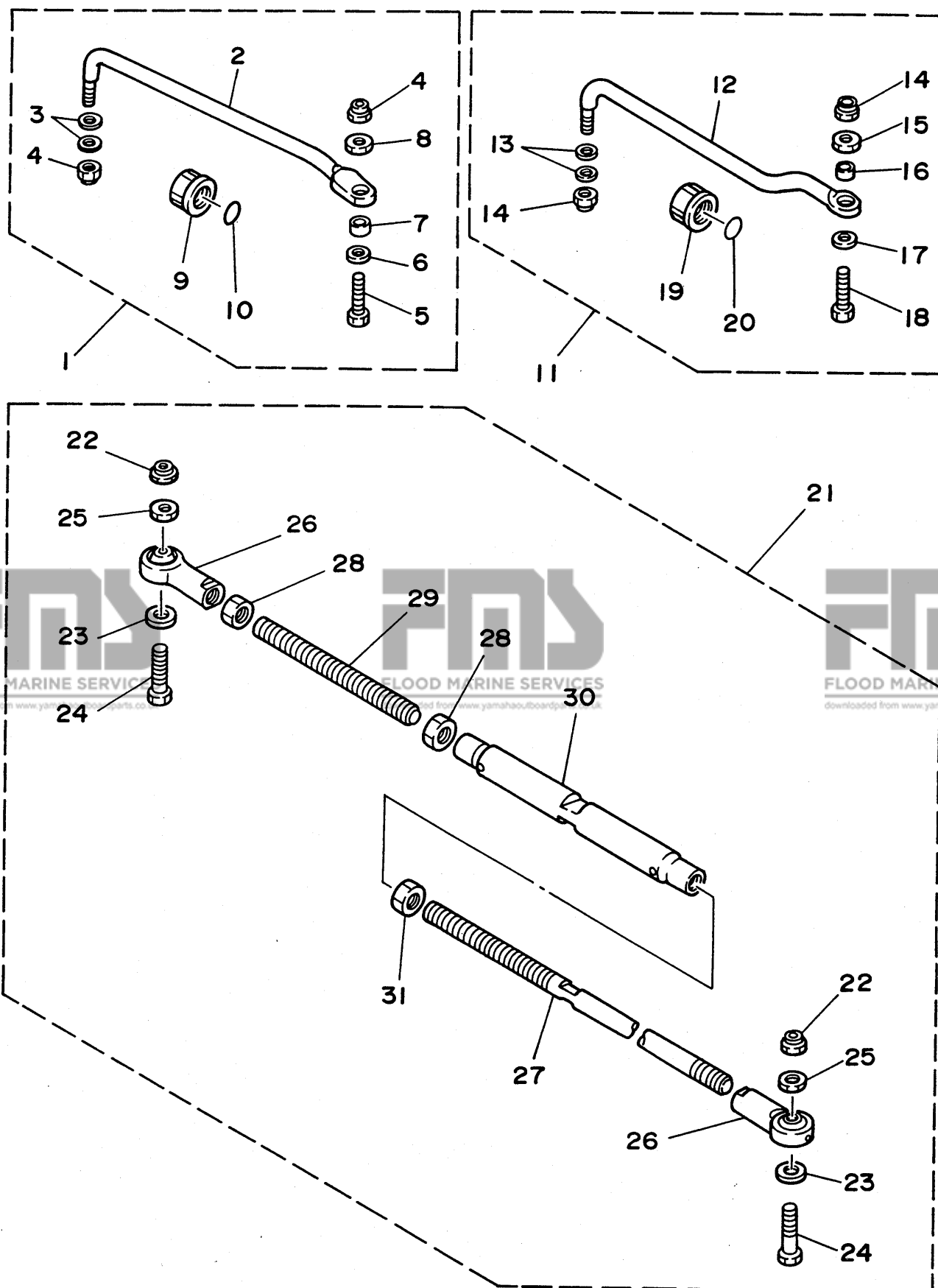


Fig. 5 STEERING GUIDE ATTACHMENT

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	17	90201-10M63	. WASHER	1
2	689-61351-01	. ROD, steering link	1	18	90101-09M66	. BOLT	1
3	90201-10M20	. WASHER	2	19	6E5-43145-00	. CAP, clamp bracket	1
4	90185-09M01	. NUT, self-locking	2	20	93210-16275	. O-RING	1
5	90101-09M66	. BOLT	1	21	6E5-61301-00	TWIN KIT (L:600-800mm)	1 U.R.
6	90201-10M63	. WASHER	1		688-61301-01	TWIN KIT (L:430-630mm)	1 U.R.
7	90387-10M42	. COLLAR	1	22	90185-09M01	. NUT, self-locking	2
8	90170-09M03	. NUT	1	23	90201-10M76	. WASHER	2
9	6E5-43145-00	. CAP, clamp bracket	1	24	90101-09M70	. BOLT	2
10	93210-16275	. O-RING	1	25	90170-09M05	. NUT	2
11	688-61350-10	STEERING GUIDE ATTACHMENT KIT (Single) (50DET/60F thru 90A Model)	1	26	6E5-61303-00	. STEERING EYE COMP.	2
12	688-61351-10	. ROD, steering link	1	27	6E5-61311-10	. TIE BAR 1	1 U.R.
13	90201-10M20	. WASHER	2		688-61311-11	. TIE BAR 1	1 U.R.
14	90185-09M01	. NUT, self-locking	2	28	95380-14700	. NUT	2
15	90170-09M03	. NUT	1	29	6E5-61315-00	. TIE BAR 2	1
16	90387-10M42	. COLLAR	1	30	6E5-61313-00	. ADJUSTER	1
				31	90170-14M06	. NUT	1

Fig. 6 REMOTE CONTROL ASS'Y I

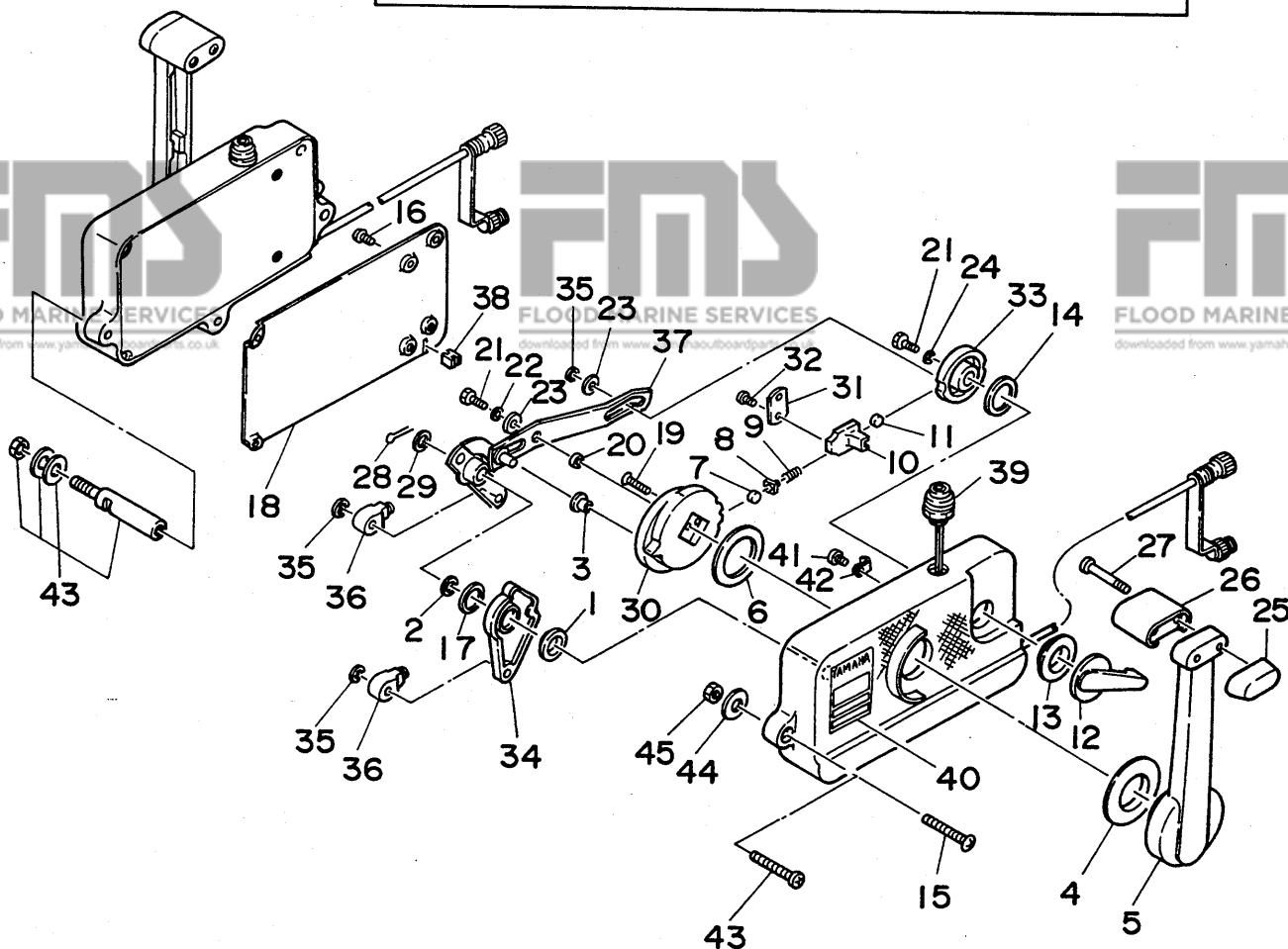
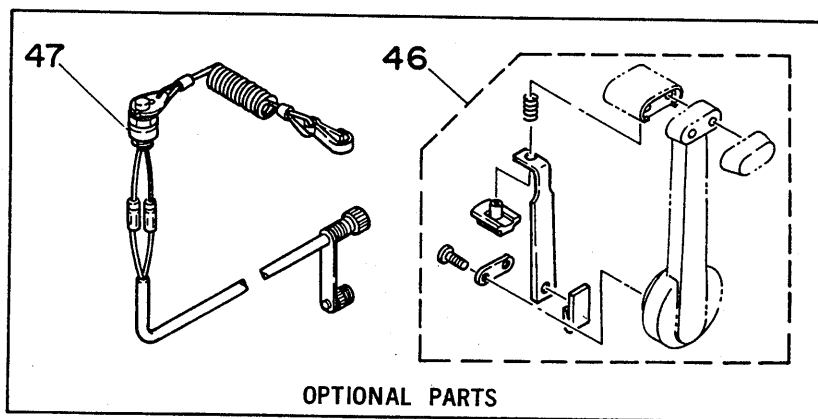


Fig. 6 REMOTE CONTROL ASS'Y 1

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

Fig. 7 REMOTE CONTROL ASS'Y 2
(PULL TO OPEN TYPE)

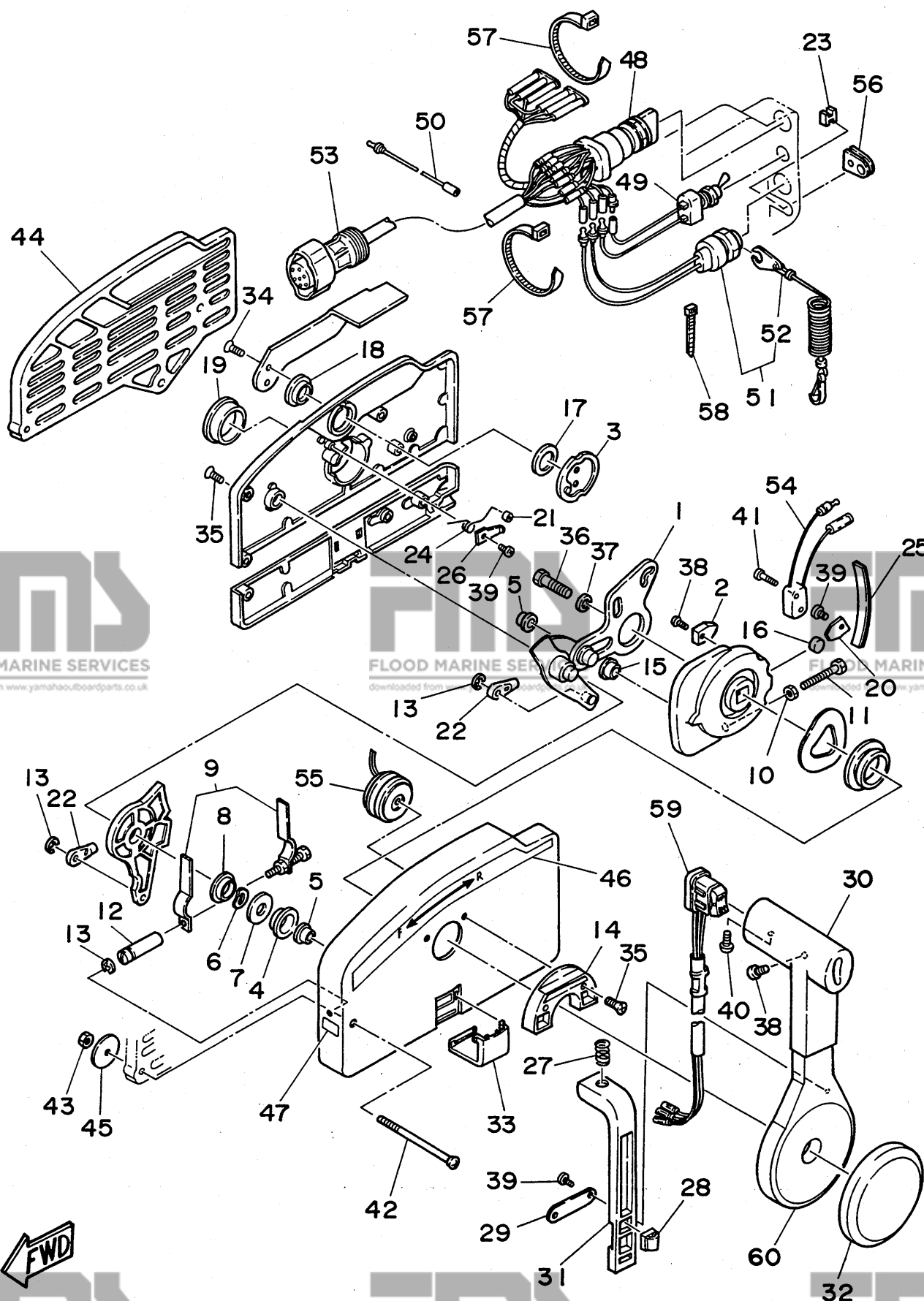


Fig. 7 REMOTE CONTROL ASS'Y 2 (PULL TO OPEN TYPE)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
	703-48230-10	REMOTE CONTROL ASS'Y (For 7P) (See Fig. 2, Ref. No. 7)	1 U.R.	30	703-48222-00	. GRIP, control lever	1 U.R.
	703-48250-10	REMOTE CONTROL ASS'Y (For 10P) (See Fig. 2, Ref. No. 8)	1 U.R.		703-48222-10	. GRIP, control lever (For Twin Lever)	1 U.R.
	703-48220-10	REMOTE CONTROL ASS'Y (For 7P) (For Twin Lever) (See Fig. 2, Ref. No. 9)	1 U.R.	31	703-48223-00	. LOCK, neutral	1
	703-48280-10	REMOTE CONTROL ASS'Y (For 10P) (For Twin Lever) (See Fig. 2, Ref. No. 9)	1 U.R.	32	703-48225-00	. COVER	1
1	703-48261-10	. ARM, throttle	1	33	703-48219-00	. COVER, lead	1
2	703-82554-00	. STAY, neutral switch	1	34	98780-05012	. SCREW	2
3	703-48153-00	. SHAFT, free accel.	1	35	98780-05016	. SCREW	7
4	702-48235-00	. BUSHING 2	1	36	97380-08030	. BOLT	1
5	703-48273-00	. BUSHING 5	2	37	92990-08600	. WASHER	1
6	703-48197-00	. WASHER, wave 2	1	38	98580-04010	. SCREW	2
7	703-48268-00	. SPACER 3	1	39	98580-04006	. SCREW	4
8	703-48263-00	. BUSHING 4	1	40	98580-05010	. SCREW	1
9	703-48264-00	. THROTTLE, friction	1	41	98580-03015	. SCREW	2
10	95380-05600	. NUT	1	42	92680-06090	. SCREW	3
11	97380-05025	. BOLT	1	43	95380-06600	. NUT	3
12	703-48265-00	. SHAFT, friction	1	44	703-48293-10	. SPACER, remote control	1 U.R.
13	93430-06024	. CIRCLIP	3		703-48293-00	. SPACER, remote control (For Twin Lever)	3 U.R.
14	703-48245-00	. PLATE, lock	1	45	701-48287-00	. WASHER	3
15	703-48252-00	. ROLLER, cam	1	46	703-48215-00	. GRAPHIC	1
16	701-48248-00	. ROLLER, free accel.	1	47	702-48217-00	. MARK 1	1
17	703-48198-00	. WASHER, wave 3	1	48	703-82510-01	. MAIN SWITCH ASS'Y	1
18	703-48243-00	. BUSHING 3	1	49	688-82574-00	. SWITCH, choke	1
19	703-48236-00	. BUSHING 1	2	50	703-82531-00	. WIRE, lead	1
20	703-48189-00	. RETAINER	1	51	688-82575-00	. KILL SWITCH ASS'Y	1
21	703-48234-00	. ROLLER, detent	1	52	682-82556-00	. . STOPPER ASS'Y	1
22	703-48345-00	. CABLE END, remote control 2	2	53	688-82586-21	. EXTENSION, wire harness (7P)	1 U.R.
23	703-48358-00	. ANCHOR, cable 2	1		688-8258A-20	. EXTENSION, wire harness (10P)	1 U.R.
24	703-48244-00	. SPRING, free accel.	1	54	703-82540-00	. NEUTRAL SWITCH ASS'Y	1
25	703-48238-00	. SPRING, detent	5	55	703-83383-01	. BUZZER	1
26	703-48246-00	. SPACER 1	1	56	703-48284-00	. GROMMET 1	1
27	703-48227-00	. SPRING, neutral lock	1	57	703-82591-00	. BAND	2
28	703-82594-00	. CLAMP	1	58	703-82592-00	. BAND	1
29	703-48226-00	. PLATE, stopper	1	59	703-82563-00	. TRIM & TILT SWITCH ASS'Y	1 U.R.
					703-48224-00	. COVER, control lever (Without Trim & Tilt Switch)	1 U.R.
				60	703-48221-00	. GRIP	1

Fig. 8 REMOTE CONTROL ASS'Y 3 (PUSH TO OPEN TYPE)

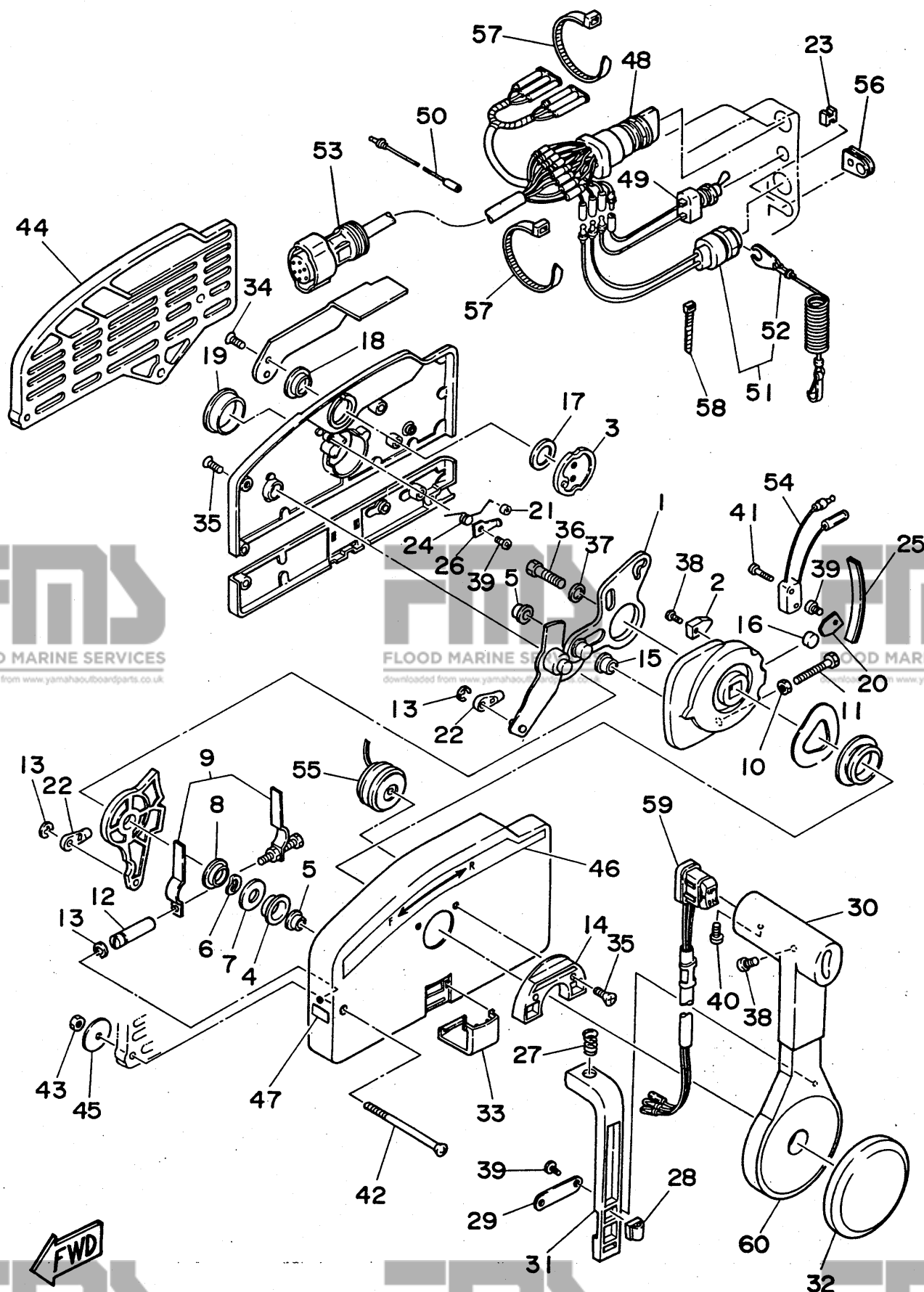


Fig. 8 REMOTE CONTROL ASS'Y 3 (PUSH TO OPEN TYPE)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
	703-48203-10	REMOTE CONTROL ASS'Y (For 7P) (See Fig. 2, Ref. No. 7)	1 U.R.	30	703-48222-00	. GRIP, control lever	1 U.R.
	703-48205-10	REMOTE CONTROL ASS'Y (For 10P) (See Fig. 2, Ref. No. 8)	1 U.R.		703-48222-10	. GRIP, control lever (For Twin Lever)	1 U.R.
	703-48202-10	REMOTE CONTROL ASS'Y (For 7P) (For Twin Lever) (See Fig. 2, Ref. No. 9)	1 U.R.	31	703-48223-00	. LOCK, neutral	1
	703-48208-10	REMOTE CONTROL ASS'Y (For 10P) (For Twin Lever) (See Fig. 2, Ref. No. 9)	1 U.R.	32	703-48225-00	. COVER	1
1	703-48261-00	. ARM, throttle	1	33	703-48219-00	. COVER, lead	1
2	703-82554-00	. STAY, neutral switch	1	34	98780-05012	. SCREW	2
3	703-48153-00	. SHAFT, free accel.	1	35	98780-05016	. SCREW	7
4	702-48235-00	. BUSHING 2	1	36	97380-08030	. BOLT	1
5	703-48273-00	. BUSHING 5	2	37	92990-08600	. WASHER	1
6	703-48197-00	. WASHER, wave 2	1	38	98580-04010	. SCREW	2
7	703-48268-00	. SPACER 3	1	39	98580-04006	. SCREW	4
8	703-48263-00	. BUSHING 4	1	40	98580-05010	. SCREW	1
9	703-48264-00	. THROTTLE, friction	1	41	98580-03015	. SCREW	2
10	95380-05600	. NUT	1	42	92680-06090	. SCREW	3
11	97380-05025	. BOLT	1	43	95380-06600	. NUT	3
12	703-48265-00	. SHAFT, friction	1	44	703-48293-10	. SPACER, remote control	1 U.R.
13	93430-06024	. CIRCLIP	3		703-48293-00	. SPACER, remote control (For Twin Lever)	3 U.R.
14	703-48245-00	. PLATE, lock	1	45	701-48287-00	. WASHER	3
15	703-48252-00	. ROLLER, cam	1	46	703-48215-00	. GRAPHIC	1
16	701-48248-00	. ROLLER, free accel.	1	47	702-48217-00	. MARK 1	1
17	703-48198-00	. WASHER, wave 3	1	48	703-82510-01	. MAIN SWITCH ASS'Y	1
18	703-48243-00	. BUSHING 3	1	49	703-82574-00	. SWITCH, choke	1
19	703-48236-00	. BUSHING 1	2	50	703-82531-00	. WIRE, lead	1
20	703-48189-00	. RETAINER	1	51	688-82575-00	. KILL SWITCH ASS'Y	1
21	703-48234-00	. ROLLER, detent	1	52	682-82556-00	. . STOPPER ASS'Y	1
22	703-48345-00	. CABLE END, remote control 2	2	53	688-82586-21	. EXTENSION, wire harness (7P)	1 U.R.
23	703-48358-00	. ANCHOR, cable 2	1		688-8258A-20	. EXTENSION, wire harness (10P)	1 U.R.
24	703-48244-00	. SPRING, free accel.	1	54	703-82540-00	. NEUTRAL SWITCH ASS'Y	1
25	703-48238-00	. SPRING, detent	5	55	703-83383-01	. BUZZER	1
26	703-48246-00	. SPACER 1	1	56	703-48284-00	. GROMMET 1	1
27	703-48227-00	. SPRING, neutral lock	1	57	703-82591-00	. BAND	2
28	703-82594-00	. CLAMP	1	58	703-82592-00	. BAND	1
29	703-48226-00	. PLATE, stopper	1	59	703-82563-00	. TRIM & TILT SWITCH ASS'Y	1 U.R.
					703-48224-00	. COVER, control lever (Without Trim & Tilt Switch)	1 U.R.
				60	703-48221-00	. GRIP	1

Fig. 9 REMOTE CONTROL ASS'Y 4 (PULL TO OPEN TYPE)

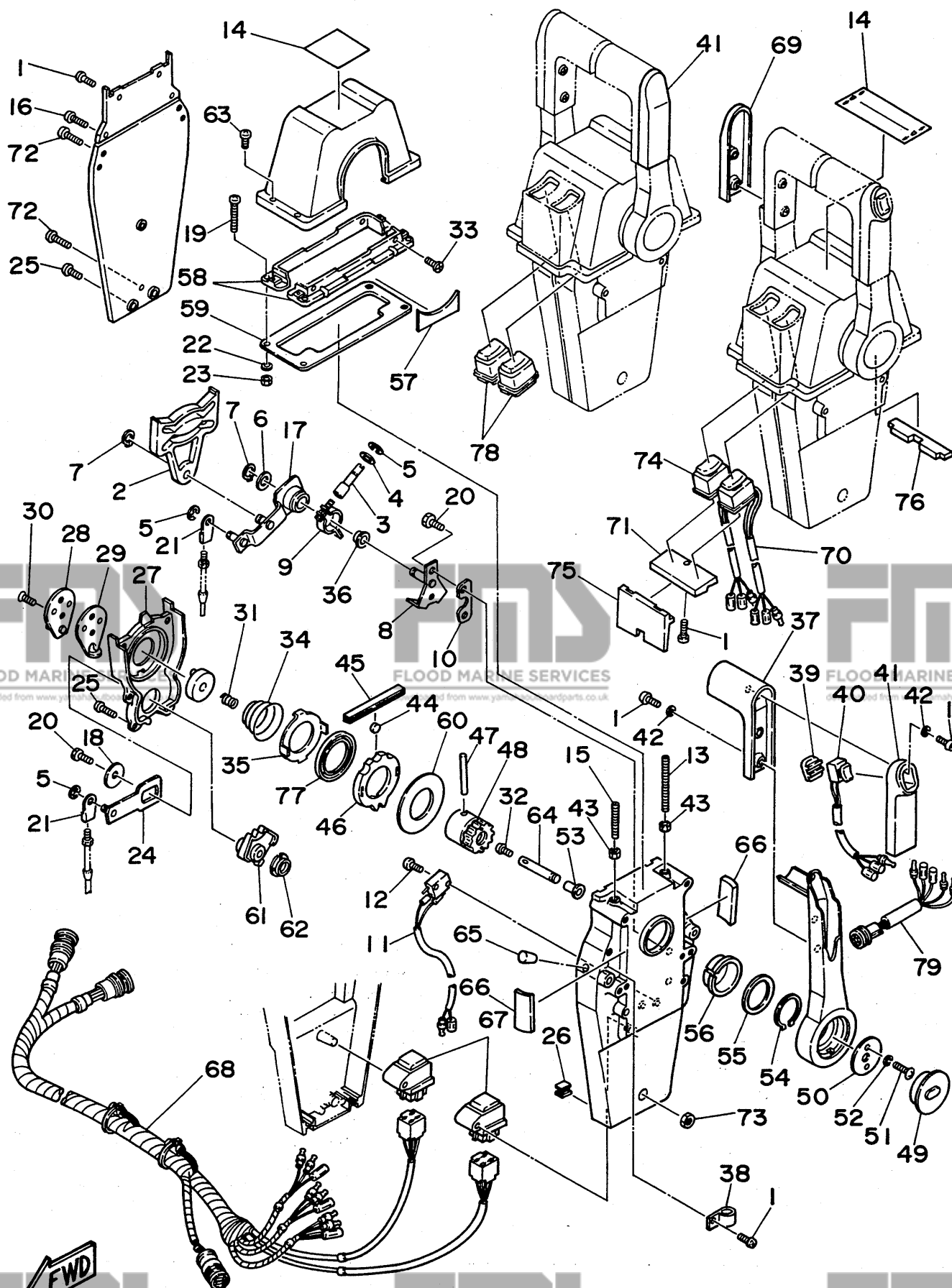


Fig. 9 REMOTE CONTROL ASS'Y 4 (PULL TO OPEN TYPE)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
	704-48230-11	REMOTE CONTROL ASS'Y (Single) (See Fig. 2, Ref. No. 10)	1 U.R.	39	704-48228-00	. HOLDER, switch	1
	704-48250-11	REMOTE CONTROL ASS'Y (Single) (See Fig. 2, Ref. No. 10)	1 U.R.	40	704-82563-00	. TRIM & TILT SWITCH (Single)	1 U.R.
	704-48220-11	REMOTE CONTROL ASS'Y (Twin) (See Fig. 2, Ref. No. 11)	1 U.R.		704-82563-30	. TRIM & TILT SWITCH (Twin)	1 U.R.
	704-48280-11	REMOTE CONTROL ASS'Y (Twin) (See Fig. 2, Ref. No. 11)	1 U.R.	41	704-48229-00	. GRIP, control lever 2 (With P T/T Switch)	1 U.R.
1	97890-05016	. SCREW 2	6		704-48229-10	. GRIP, control lever 2	1 U.R.
2	EL8-48251-00	. PLATE, cam	1	42	92990-05300	. WASHER	3
3	704-48265-00	. SHAFT, friction	1	43	95380-06600	. NUT	2
4	701-48246-00	. SPACER 1	1	44	701-48248-00	. ROLLER, free accel.	1
5	93430-06024	. CIRCLIP	3	45	703-48238-00	. SPRING, detent	5
6	92990-10600	. WASHER	1	46	EL8-48232-00	. GEAR 1	1
7	EL8-48259-00	. CIRCLIP	2	47	EL8-48164-00	. PIN 2	1
8	704-48262-00	. SHAFT, throttle	1	48	704-48242-00	. SHAFT, drive	1
9	704-48264-00	. THROTTLE, friction	1	49	704-48225-00	. COVER	1
10	704-48266-00	. SPACER 2	1	50	704-48192-00	. WASHER 2	1
11	704-82540-00	. NEUTRAL SWITCH ASS'Y (Single)	1 U.R.	51	97890-06018	. SCREW	2
	704-82540-10	. NEUTRAL SWITCH ASS'Y (Twin)	1 U.R.	52	92990-06300	. WASHER	2
12	6A5-48129-10	. SCREW 3	2	53	702-48263-00	. BUSHING 4	1
13	EL8-48281-00	. SCREW 1	1	54	EL8-48279-00	. CIRCLIP 2	1
14	704-48215-00	. GRAPHIC (Single)	1 U.R.	55	704-48193-00	. WASHER 3	1
	704-48215-10	. GRAPHIC (Twin)	1 U.R.	56	EL8-48234-00	. BUSH 1	1
15	704-48281-00	. SCREW 1	1	57	704-48219-00	. COVER, lead	1
16	97890-05025	. SCREW	2	58	704-48114-00	. PLATE, stopper 2	2
17	704-48261-00	. ARM, throttle	1	59	704-48176-00	. GROMMET (Single)	1 U.R.
18	EL8-48191-00	. WASHER 1	1		704-48176-10	. GROMMET (Twin)	1 U.R.
19	704-48283-00	. SCREW 3	4	60	703-48192-00	. WASHER 2	1
20	97380-06018	. BOLT	3	61	EL8-48233-00	. GEAR 2	1
21	703-48345-00	. CABLE END, remote control 2	2	62	702-48235-00	. BUSHING 2	1
22	704-48287-00	. WASHER 1	4	63	704-48282-00	. SCREW 2	4
23	95380-05600	. NUT	4	64	EL8-48153-10	. SHAFT, free accel.	1
24	EL8-48271-00	. ARM, shift	1	65	704-48166-00	. FLUG	1
25	EL8-48127-00	. SCREW 1	9	66	704-48284-00	. GROMMET	2
26	703-84358-00	. ANCHOR, cable	1	67	704-81950-00	. RELAY ASS'Y (Twin)	2
27	EL8-48231-00	. HOUSING, gear	1	68	704-82590-10	. WIRE HARNESS ASS'Y (Twin)	1
28	EL8-48241-00	. ARM, drive	1	69	704-48229-10	. GRIP, control lever (Twin)	1
29	EL8-48254-00	. STOPPER, throttle adjust	1	70	704-82563-10	. TRIM & TILT SWITCH (Twin)	1
30	92780-06020	. SCREW	2	71	704-48228-10	. HOLDER, switch (Twin)	1
31	EL8-48158-00	. SPRING 1	1	72	704-48128-00	. SCREW 2 (Twin)	3
32	98580-04006	. SCREW	1	73	704-48156-00	. NUT 1 (Twin)	1
33	98780-05018	. SCREW	4	74	704-82563-20	. TRIM & TILT SWITCH (Twin)	1
34	EL8-48244-00	. SPRING, free accel.	1	75	704-48285-00	. GROMMET 2 (Twin)	1
35	EL8-48245-00	. PLATE, lock	1	76	704-48286-00	. GROMMET 3 (Twin)	2
36	703-48263-00	. BUSHING 4	1	77	704-48178-00	. PLATE, shift (Twin)	2
37	704-48222-00	. GRIP, control lever	1	78	704-48224-00	. COVER (Twin Without P T/T Switch)	2
38	704-82594-00	. CLAMP	1	79	704-82541-10	. EXTENSION, wire lead (Single)	1 U.R.
					704-82541-00	. EXTENSION, wire lead (Single Without P T/T Switch)	1 U.R.

Fig. 10 REMOTE CONTROL ASS'Y 5
(PUSH TO OPEN TYPE)

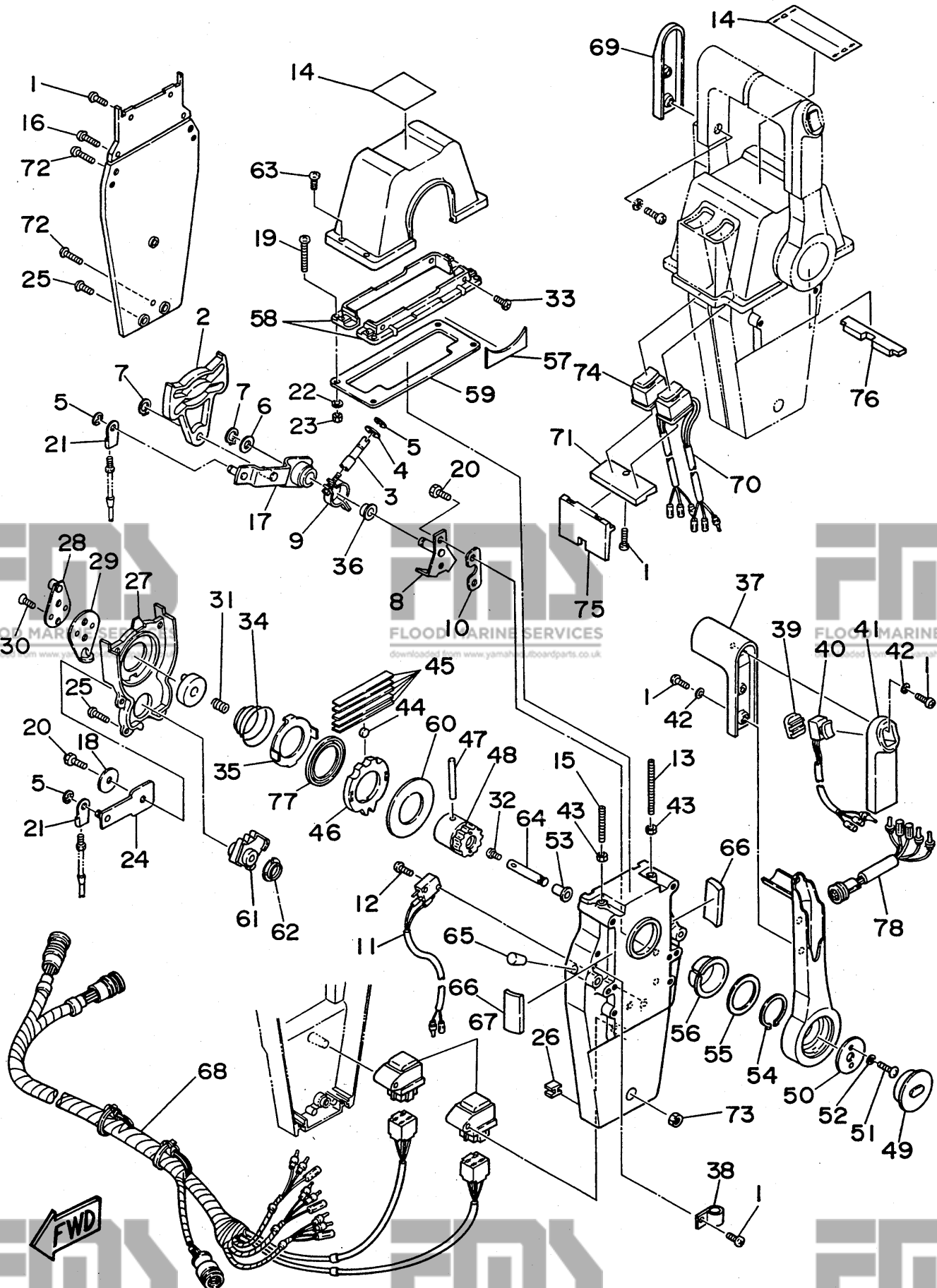


Fig. 10 REMOTE CONTROL ASS'Y 5 (PUSH TO OPEN TYPE)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
	704-48205-11	REMOTE CONTROL ASS'Y (Single) (See Fig. 2, Ref. No. 10)	1 U.R.	39	704-48228-00	. HOLDER, switch	1
	704-48207-20	REMOTE CONTROL ASS'Y (Twin) (See Fig. 2, Ref. No. 11)	1 U.R.	40	704-82563-00	. TRIM & TILT SWITCH (Single)	1 U.R.
1	97890-05016	. SCREW 2	6		704-82563-30	. TRIM & TILT SWITCH (Twin)	1 U.R.
2	EL8-48251-00	. PLATE, cam	1	41	704-48229-00	. GRIP, control lever 2	1
3	704-48265-00	. SHAFT, friction	1	42	92990-05300	. WASHER	3
4	701-48246-00	. SPACER 1	1	43	95380-06600	. NUT	2
5	93430-06024	. CIRCLIP	3	44	701-48248-00	. ROLLER, free accel.	1
6	92990-10600	. WASHER	1	45	703-48238-00	. SPRING, detent	5
7	EL8-48259-00	. CIRCLIP	2	46	EL8-48232-00	. GEAR 1	1
8	704-48262-00	. SHAFT, throttle	1	47	EL8-48164-00	. PIN 2	1
9	704-48264-00	. THROTTLE, friction	1	48	704-48242-00	. SHAFT, drive	1
10	704-48266-00	. SPACER 2	1	49	704-48225-00	. COVER	1
11	704-82540-00	. NEUTRAL SWITCH ASS'Y (Single)	1 U.R.	50	704-48192-00	. WASHER 2	1
	704-82540-10	. NEUTRAL SWITCH ASS'Y (Twin)	1 U.R.	51	97890-06018	. SCREW	2
12	6A5-48129-10	. SCREW 3	2	52	92990-06300	. WASHER	2
13	EL8-48281-00	. SCREW 1	1	53	702-48263-00	. BUSHING 4	1
14	704-48215-00	. GRAPHIC (Single)	1 U.R.	54	EL8-48279-00	. CIRCLIP 2	1
	704-48215-10	. GRAPHIC (Twin)	1 U.R.	55	704-48193-00	. WASHER 3	1
15	704-48281-00	. SCREW 1	1	56	EL8-48234-00	. BUSH 1	1
16	97890-05025	. SCREW	2	57	704-48219-00	. COVER, lead	1
17	704-48261-00	. ARM, throttle	1	58	704-48114-00	. PLATE, stopper 2	2
18	EL8-48191-00	. WASHER 1	1	59	704-48176-00	. GROMMET (Single)	1 U.R.
19	704-48283-00	. SCREW 3	4		704-48176-10	. GROMMET (Twin)	1 U.R.
20	97380-06018	. BOLT	3	60	703-48192-00	. WASHER 2	1
21	703-48345-00	. CABLE END, remote control 2	2	61	EL8-48233-00	. GEAR 2	1
22	704-48287-00	. WASHER 1	4	62	702-48235-00	. BUSHING 2	1
23	95380-05600	. NUT	4	63	704-48282-00	. SCREW 2	4
24	EL8-48271-00	. ARM, shift	1	64	EL8-48153-10	. SHAFT, free accel.	1
25	EL8-48127-00	. SCREW 1	9	65	704-48166-00	. PLUG	1
26	703-84358-00	. ANCHOR, cable	1	66	704-48284-00	. GROMMET	2
27	EL8-48231-00	. HOUSING, gear	1	67	704-81950-00	. RELAY ASS'Y (Twin)	2
28	EL8-48241-00	. ARM, drive	1	68	704-82590-10	. WIRE HARNESS ASS'Y (Twin)	1
29	EL8-48254-00	. STOPPER, throttle adjust	1	69	704-48229-10	. GRIP, control lever (Twin)	1
30	92780-06020	. SCREW	2	70	704-82563-10	. TRIM & TILT SWITCH (Twin)	1
31	EL8-48158-00	. SPRING 1	1	71	704-48228-10	. HOLDER, switch (Twin)	1
32	98580-04006	. SCREW	1	72	704-48128-00	. SCREW 2 (Twin)	3
33	98780-05018	. SCREW	4	73	704-48156-00	. NUT 1 (Twin)	1
34	EL8-48244-00	. SPRING, free accel.	1	74	704-82563-20	. TRIM & TILT SWITCH (Twin)	1
35	EL8-48245-00	. PLATE, lock	1	75	704-48285-00	. GROMMET 2 (Twin)	1
36	703-48263-00	. BUSHING 4	1	76	704-48286-00	. GROMMET 3 (Twin)	2
37	704-48222-00	. GRIP, control lever	1	77	704-48178-00	. PLATE, shift (Twin)	2
38	704-82594-00	. CLAMP	1	78	704-82541-10	. EXTENSION, wire lead (Single)	1

Fig. 11 METER

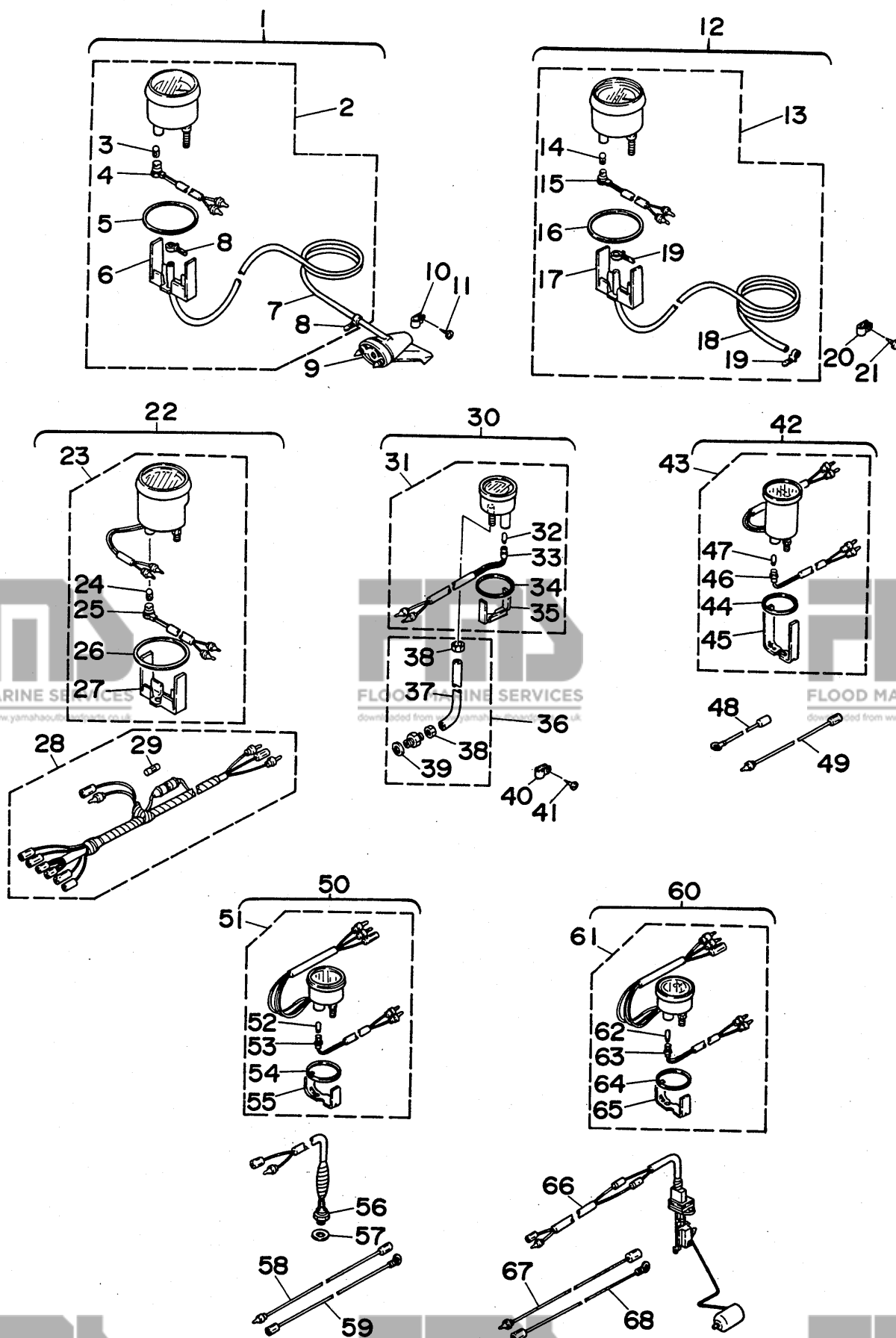


Fig. 11 METER

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

Fig. 12 OPTIONAL PARTS I

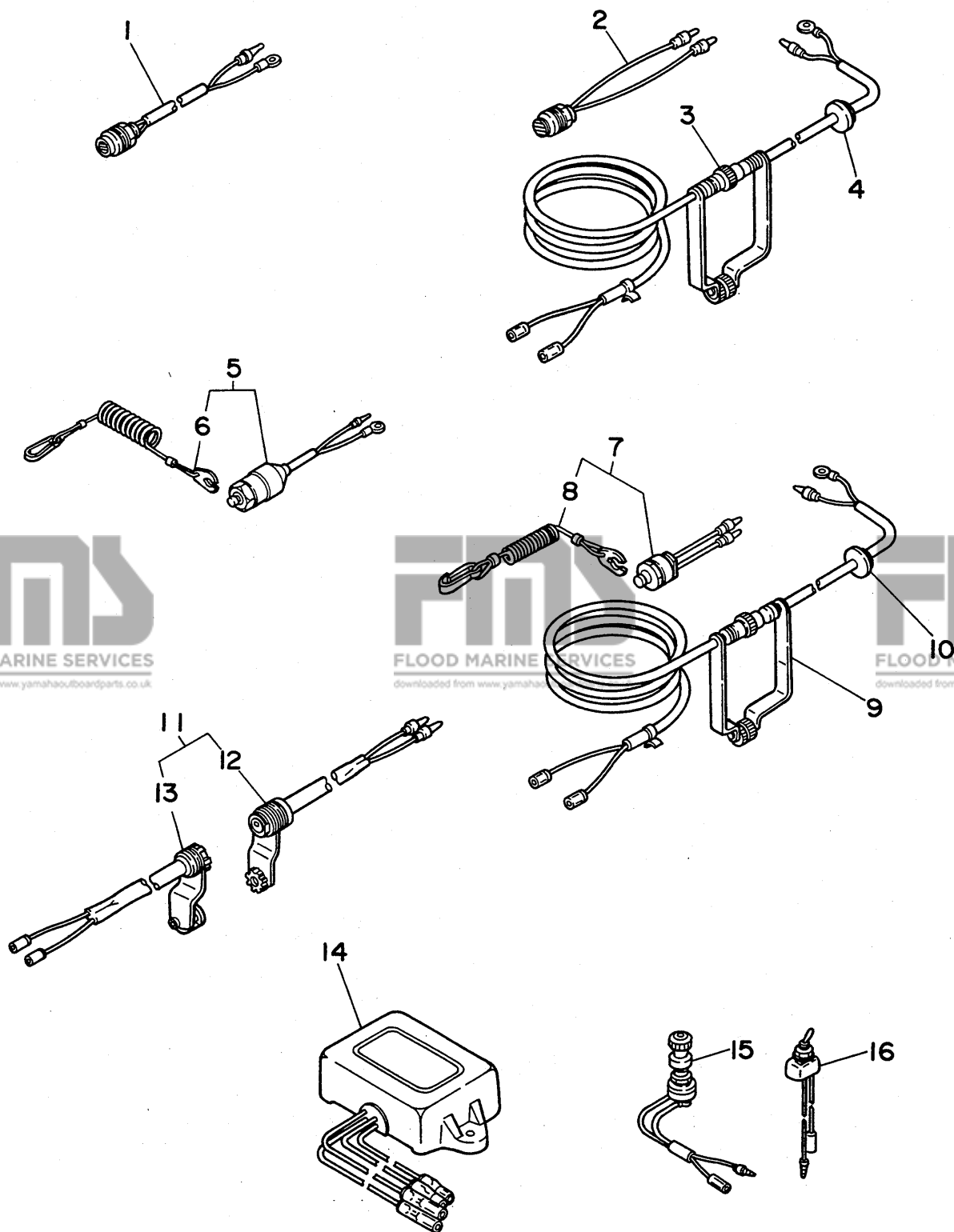


Fig. 12 OPTIONAL PARTS 1

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

Fig. 13 OPTIONAL PARTS 2

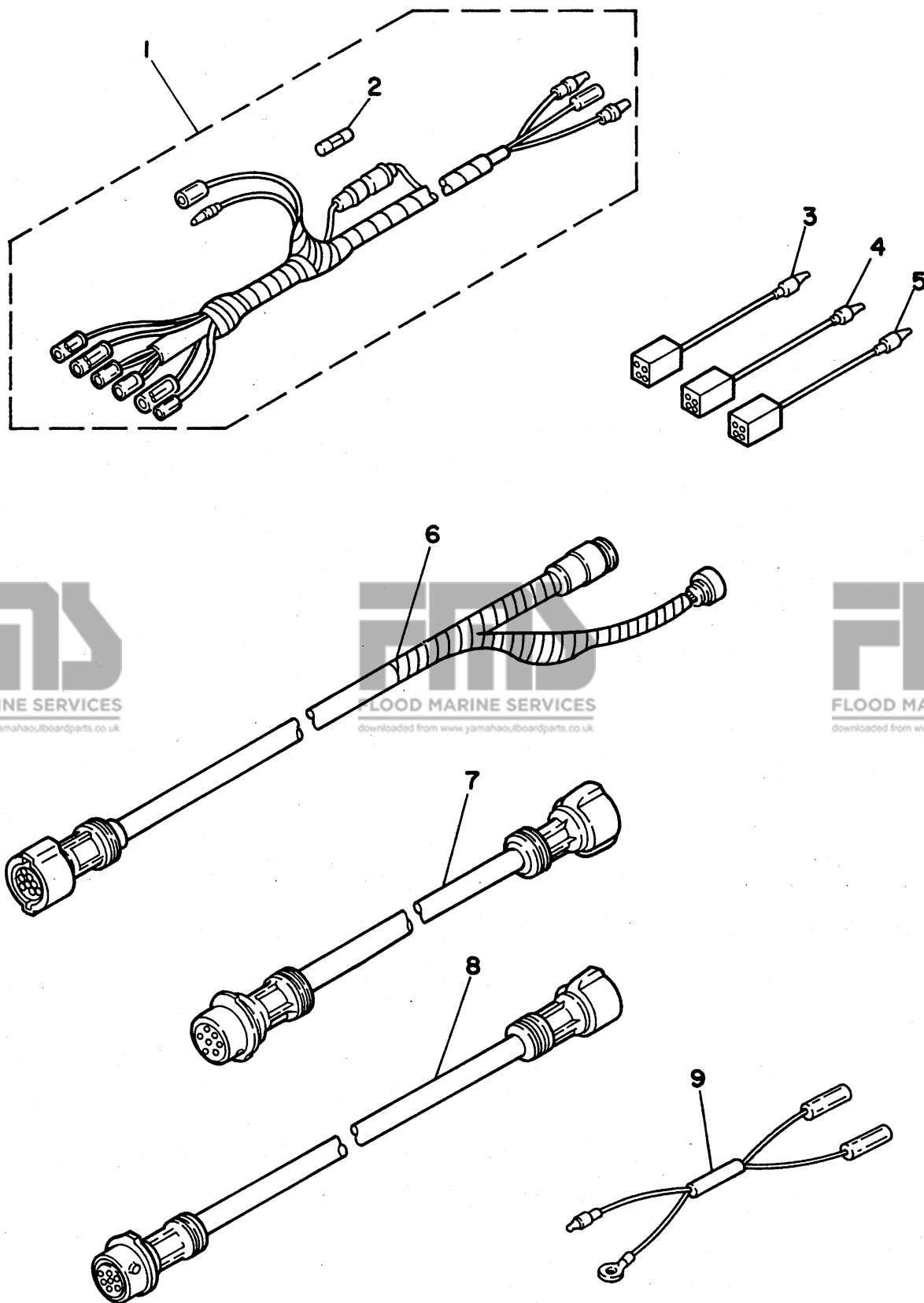


Fig. 13 OPTIONAL PARTS 2

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 U.R.
2	1E6-82151-00	. FUSE (6V-10A)	1		688-8258A-10	EXTENSION, wire harness (2m) (10P Concent)	1 U.R.
3	688-82149-00	WIRE, lead (Blue)	1 U.R.	8	688-82586-31	EXTENSION, wire harness (3m) (7P Concent)	1 U.R.
4	688-82117-00	WIRE, lead (Black)	1 U.R.		688-8258A-30	EXTENSION, wire harness (3m) (10P Concent)	1 U.R.
5	688-82521-00	WIRE, lead (Yellow)	1 U.R.	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 U.R.				
	688-8258A-50	EXTENSION, wire harness (5m) (For Main Switch 10P Concent)	1 U.R.				

Fig. 14 OPTIONAL PARTS 3

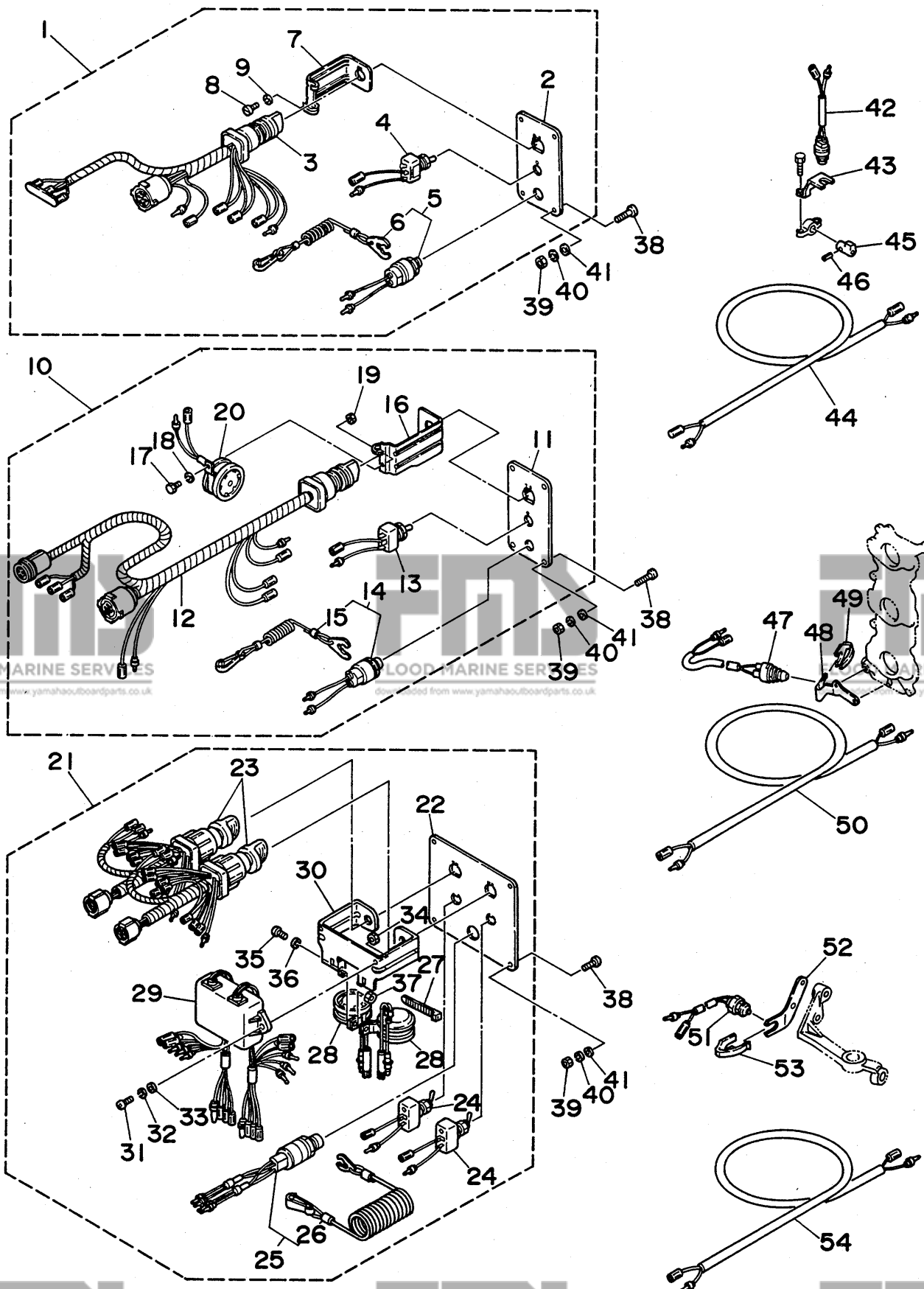


Fig. 14 OPTIONAL PARTS 3

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
SWITCH PANEL (30D thru 50D MODEL)				30	6K1-83614-00	. BRACKET	1
1	689-82570-15	SWITCH PANEL ASS'Y	1 U.R.	31	97803-06016	. SCREW	2
2	689-82571-02	. SWITCH PANEL	1	32	92903-06100	. WASHER	2
3	689-82510-00	. MAIN SWITCH ASS'Y	1	33	92903-06600	. WASHER	2
4	688-82574-00	. SWITCH, choke	1	34	95303-06600	. NUT	2
5	688-82575-01	. KILL SWITCH ASS'Y	1	35	98580-05010	. SCREW	2
6	682-82556-00	. . STOPPER ASS'Y	1	36	92990-05100	. WASHER	2
7	663-82581-01	. STAY, cord clamp	1	37	95303-05600	. NUT	2
8	98303-04008	. SCREW, cylinderhead	1	38	90149-05M05	SCREW, bind	4
9	92901-04100	. WASHER	1	39	95380-05600	NUT	4
10	704-82570-01	SWITCH PANEL ASS'Y	1 U.R.	40	92990-05100	WASHER	4
11	689-82571-02	. SWITCH PANEL	1	41	92990-05600	WASHER	4
12	704-82510-01	. MAIN SWITCH ASS'Y	1	NEUTRAL SWITCH (40H/50D MODEL)			
13	688-82574-00	. SWITCH, choke	1	42	6F5-82540-00	NEUTRAL SWITCH ASS'Y	1
14	688-82575-01	. KILL SWITCH ASS'Y	1	43	6H4-82554-00	STAY, neutral switch	1
15	682-82556-00	. . STOPPER ASS'Y	1	44	6H4-82553-00	EXTENSION, wire lead	1
16	704-82581-00	. STAY, cord clamp	1	45	6H4-44173-00	LEVER, shift control	1
17	97303-05012	. BOLT	1	46	91690-30020	PIN, spring	1
18	92903-05100	. WASHER	1	NEUTRAL SWITCH (60F/70B MODEL)			
19	95303-05700	. NUT	1	47	6H3-82540-00	NEUTRAL SWITCH ASS'Y	1
20	688-83383-11	. BUZZER	1	48	6H3-82554-00	STAY, neutral switch	1
21	6K1-82570-00	SWITCH PANEL ASS'Y (DUAL TYPE)	1 U.R.	49	663-82555-01	PLATE	1
22	6K1-82571-00	. SWITCH PANEL	1	50	688-82541-10	WIRE, lead	1
23	6K1-82510-00	. MAIN SWITCH ASS'Y	2	NEUTRAL SWITCH (80A/90A MODEL)			
24	688-82574-00	. SWITCH, choke	2	51	688-82540-11	NEUTRAL SWITCH ASS'Y	1
25	6K1-82575-00	. KILL SWITCH ASS'Y	1	52	663-82554-01	STAY, neutral switch	1
26	682-82556-00	. . STOPPER ASS'Y	1	53	663-82555-01	PLATE	1
27	704-82581-00	. CLAMP	2	54	688-82541-10	WIRE, lead	1
28	688-83383-11	. BUZZER	2				
29	6K1-85830-00	. CONTROL UNIT ASS'Y	1				

Fig. 15 OPTIONAL PARTS 4

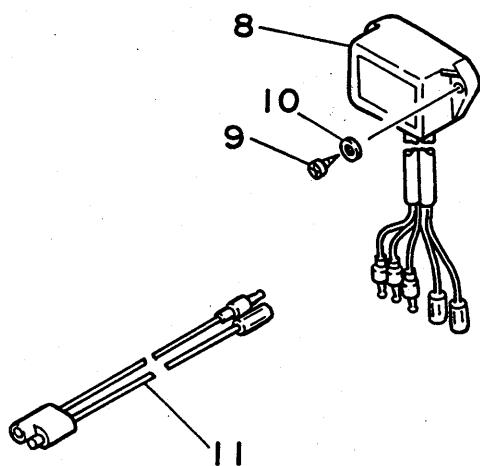
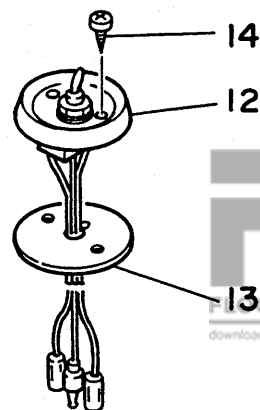
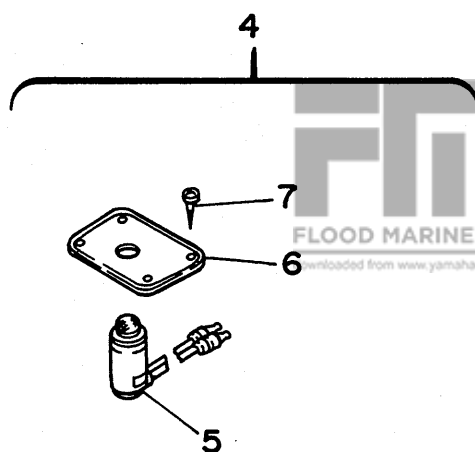
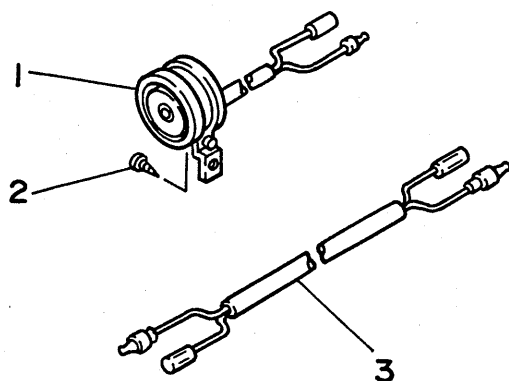


Fig. 15 OPTIONAL PARTS 4

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

Fig. 16 OPTIONAL PARTS 5

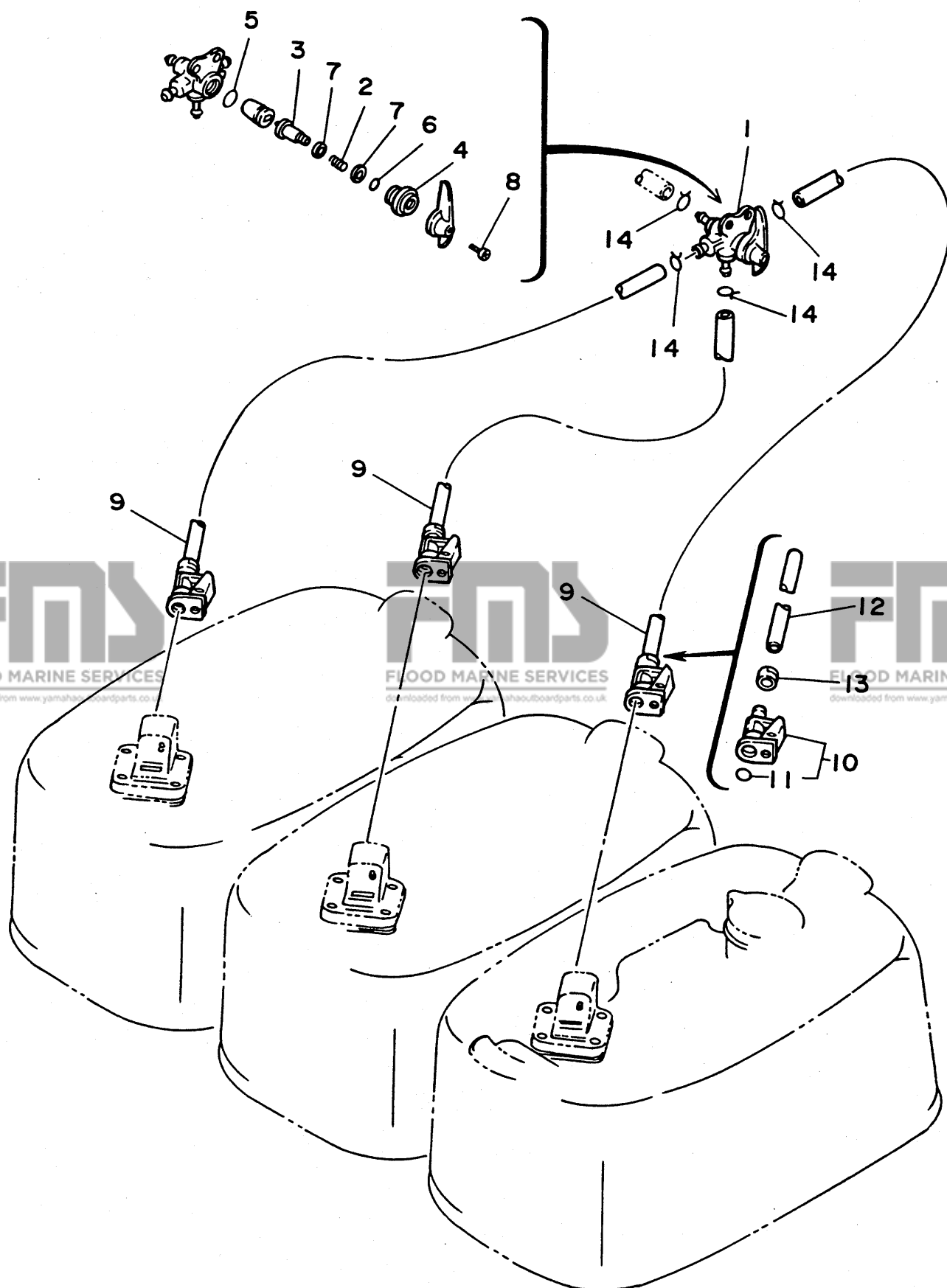


Fig. 16 OPTIONAL PARTS 5

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 FUEL PIPE JOINT	1
1	688-24540-00	FUEL COCK ASS'Y	1	9	688-24307-00	FUEL PIPE COMP. 2	3
2	90501-12M13	. SPRING, compression	1	10	6G1-24305-00	. FUEL PIPE JOINT COMP. 2	3
3	688-24554-00	. CONNECTOR	1	11	93210-08287	. . O-RING	3
4	688-24559-00	. NUT	1	12	90445-12M12	. HOSE	3
5	93210-20M28	. O-RING	1	13	650-24351-00	. BAND, fuel pipe	3
6	93210-08M27	. O-RING	1	14	90467-11M00	CLIP	4
7	90201-08M32	. WASHER	2				



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	10-25	6A0-82317-00	40H 18-23	6E5-43145-00	A.P. 5-9		60F/70B 19-67
EL8-48153-10	A.P. 9-64		24-28		5-19	6E5-43847-00	50D 26-63
	10-64		50D 24-23	6E5-43802-00	50D 26-32		60F/70B 19-63
EL8-48158-00	A.P. 9-31		25-28		60F/70B 19-32	6E5-43849-01	50D 26-72
	10-31		25J/30D 22-44	6E5-43804-00	50D 26-2		60F/70B 19-72
EL8-48164-00	A.P. 9-47		60F/70B 18-34		60F/70B 19-2	6E5-43851-00	50D 26-41
	10-47		80A/90A 18-34	6E5-43805-00	50D 26-5		60F/70B 19-41
EL8-48191-00	A.P. 9-18	6A0-82553-20	A.P. 12-3		60F/70B 19-5	6E5-43854-01	50D 26-64
	10-18		12-9	6E5-4381A-00	50D 26-71		60F/70B 19-64
EL8-48231-00	A.P. 9-27	6A5-48129-10	A.P. 9-12		60F/70B 19-71	6E5-43855-00	50D 26-47
	10-27		10-12	6E5-43814-01	50D 26-19		60F/70B 19-47
EL8-48232-00	A.P. 9-46	6E0-28100-01	A.P. 1-19		60F/70B 19-19	6E5-43856-00	50D 26-44
	10-46		25J/30D 6-34	6E5-43816-10	50D 26-52		60F/70B 19-44
EL8-48233-00	A.P. 9-61	6E0-28193-00-94	A.P. 1-20		60F/70B 19-52	6E5-43858-00	50D 26-43
	10-61		25J/30D 6-40	6E5-43817-10	50D 26-53		60F/70B 19-43
EL8-48234-00	A.P. 9-56	6E0-42159-00	25J/30D 11-23		60F/70B 19-53	6E5-43859-00	50D 26-48
	10-56	6E0-44191-11	25J/30D 11-3	6E5-43818-00	50D 26-22		60F/70B 19-48
EL8-48241-00	A.P. 9-28	6E5-12411-00	25J/30D 1-24		60F/70B 19-22	6E5-43861-00	50D 26-14
	10-28	6E5-12411-10	40H 1-17		20-21		60F/70B 19-14
EL8-48244-00	A.P. 9-34		50D 1-17		80A/90A 19-21	6E5-43862-00	50D 26-15
	10-34	6E5-13132-00	40H 18-34	6E5-4382A-00	50D 26-65		26-17
EL8-48245-00	A.P. 9-35		24-45		60F/70B 19-65		60F/70B 19-15
	10-35		50D 24-34	6E5-43820-02	50D 26-26		19-17
EL8-48251-00	A.P. 9-2		25-45		60F/70B 19-26	6E5-43863-00	50D 26-21
	10-2		60F/70B 18-46	6E5-43821-01	50D 26-29		60F/70B 19-21
EL8-48254-00	A.P. 9-29		80A/90A 18-43		60F/70B 19-29	6E5-43864-00	50D 26-27
	10-29	6E5-13471-00	40H 18-2	6E5-43822-01	50D 26-30		60F/70B 19-27
EL8-48259-00	A.P. 9-7		24-2		60F/70B 19-30	6E5-43865-00	50D 26-31
	10-7		50D 24-2	6E5-43824-01	50D 26-73		60F/70B 19-31
EL8-48271-00	A.P. 9-24		25-2		60F/70B 19-73	6E5-43866-00	50D 26-33
	10-24		60F/70B 18-2	6E5-43829-00	50D 26-20		60F/70B 19-33
EL8-48279-00	A.P. 9-54		80A/90A 18-2		60F/70B 19-20	6E5-43867-00	50D 26-34
	10-54	6E5-13475-00	40H 18-3	6E5-43830-00	50D 26-61		60F/70B 19-34
EL8-48281-00	A.P. 9-13		24-3		60F/70B 19-61	6E5-43868-00	50D 26-36
	10-13		50D 24-3	6E5-43831-00	50D 26-60		60F/70B 19-36
1E6-82151-00	A.P. 11-29		25-3		60F/70B 19-60	6E5-43869-00	50D 26-37
	13-2		60F/70B 18-3	6E5-43833-01	50D 26-38		60F/70B 19-37
4V2-11634-00	25J/30D 2-13		80A/90A 18-3		60F/70B 19-38	6E5-43872-00	50D 26-16
6A0-15789-00	40H 5-17	6E5-14562-00	40H 18-4	6E5-43834-01	50D 26-39		26-18
	50D 5-17		24-4		60F/70B 19-39		60F/70B 19-16
	25J/30D 5-8		50D 24-4	6E5-43835-00	50D 26-40		19-18
6A0-24410-02	40H 6-14		25-4		60F/70B 19-40	6E5-43874-01	50D 26-28
	50D 6-14		60F/70B 18-4	6E5-43838-00	50D 26-56		60F/70B 19-28
	60F/70B 5-11		80A/90A 18-4		60F/70B 19-56	6E5-43875-00	50D 26-69
	80A/90A 5-10	6E5-24312-00	25J/30D 6-29	6E5-43841-01	50D 26-35		60F/70B 19-69
6A0-24413-00	40H 6-24	6E5-24367-01	50D 8-29		60F/70B 19-35	6E5-43877-01	50D 26-49
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	60F/70B 5-21		80A/90A 7-28		60F/70B 19-75	6E5-43878-00	50D 26-57
	80A/90A 5-20	6E5-24378-00	25J/30D 22-42	6E5-43843-00	50D 26-46		60F/70B 19-57
6A0-24421-01	40H 6-19	6E5-42724-00	60F/70B 7-13		60F/70B 19-46	6E5-43883-00	50D 26-45
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6E5-43885-00	50D 26- 8	6E5-61301-00	A.P. 5-21		50D 4-14		25J/30D 23-24
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6E5-43896-00	50D 26-51		80A/90A 17-51	6G1-24304-00	25J/30D 6-19	6H1-11111-00-94	80A/90A 1-23
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6E5-43897-00	50D 26-55		50D 16-61		50D 6- 1	6H1-11537-00	80A/90A 18-12
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6E5-44391-00	40H 8-30		25J/30D 14-56		80A/90A 5- 1	6H1-11610-10	80A/90A 2-19
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6E5-45378-00	40H 14-59		60F/70B 13-70	6G1-41662-01-94	25J/30D 12-16	6H1-11636-00	80A/90A 2-18
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6E5-45941-00-EL	60F/70B 14-23		60F/70B 10- 7	6G1-42138-01	25J/30D 11-22		60F/70B 18-13
	80A/90A 14-25		80A/90A 10- 7	6G1-42177-00	40H 11- 4		80A/90A 18-13
6E5-45943-00-EL	60F/70B 14-23	6E5-85547-10	80A/90A 17- 7		25J/30D 11-15	6H1-13200-01	60F/70B 18- 1
	80A/90A 14-25	6E9-14948-19	80A/90A 4- 6	6G1-42683-00	40H 19-14		80A/90A 18- 1
6E5-45945-00-EL	60F/70B 14-23	6E9-41237-00	40H 18-14		50D 20-14	6H1-13436-00	80A/90A 6-23
	80A/90A 14-25		24-14		25J/30D 18-11	6H1-13641-00-94	80A/90A 3- 8
6E5-45947-00-EL	60F/70B 14-23		50D 24-14	6G1-42727-00	25J/30D 8-10	6H1-14301-12	80A/90A 4- 1
	80A/90A 14-25		25-14	6G1-44116-01	25J/30D 12-19	6H1-14302-12	80A/90A 4- 2
6E5-45949-00-EL	60F/70B 14-23		60F/70B 18-17	6G1-81941-10	25J/30D 21- 1	6H1-14303-12	80A/90A 4- 3
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6E5-45952-00-EL	60F/70B 14-23	6F5-11119-00	25J/30D 1- 9	6G1-81970-60	40H 23- 5	6H1-14440-00	80A/90A 3- 1
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6E5-45954-00-EL	60F/70B 14-23	6F5-15752-00	25J/30D 5- 9		25J/30D 21- 7		50D 3-12
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6E5-45956-00-EL	60F/70B 14-23	6F5-24563-00	40H 6- 7	6G1-82151-00	25J/30D 21- 8		80A/90A 3- 9
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6E5-45970-10	60F/70B 14-24		25J/30D 6-25		50D 19-16	6H1-15359-00-94	80A/90A 2- 8
	80A/90A 14-26		60F/70B 5- 5		25J/30D 17-13	6H1-15771-00	80A/90A 16-17
6E5-45972-10	60F/70B 14-24		80A/90A 5- 5		60F/70B 17-22	6H1-15772-00	80A/90A 1-53
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	80A/90A 14-26	6F5-81800-10	25J/30D 20- 1		25J/30D 23-15	6H1-21732-00	60F/70B 6-22
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6E5-45978-10	60F/70B 14-24	6F5-82540-00	A.P. 14-42	6G8-43691-00	25J/30D 9-17		80A/90A 18-19
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6H1-21756-00	40H 18-18	6H1-42647-00-94	80A/90A 6- 9	6H1-4384E-00	60F/70B 20-64	6H1-43884-00	60F/70B 20- 6
	50D 24-18	6H1-42649-00-94	80A/90A 6-10		80A/90A 19-64		80A/90A 19- 6
6H1-21757-00	40H 24-22	6H1-42684-00	60F/70B 6-24	6H1-43841-00	60F/70B 20-35	6H1-43885-00	60F/70B 20- 4
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	80A/90A 18-26	6H1-42711-00-EJ	80A/90A 7- 1	6H1-43844-00	60F/70B 20-38	6H1-43887-00	60F/70B 20-10
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6H1-21771-01	40H 24-19		80A/90A 19-13	6H1-43845-00	60F/70B 20-46	6H1-43895-00	60F/70B 20-52
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6H1-21772-01	40H 24-20		80A/90A 19-32	6H1-43851-00	60F/70B 20-39	6H1-43899-00	60F/70B 20-58
	50D 25-20	6H1-43804-00	60F/70B 20-11		80A/90A 19-39		80A/90A 19-58
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	80A/90A 18-23	6H1-43805-00	60F/70B 20- 9		80A/90A 19-43	6H1-44120-21	80A/90A 11-50
6H1-21773-00	40H 24-18		80A/90A 19- 9	6H1-43855-00	60F/70B 20-50	6H1-44121-00	80A/90A 11-42
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