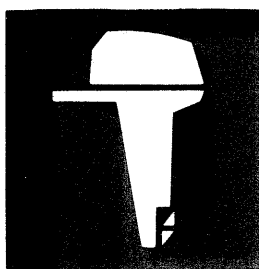


YAMAHA

parts catalogue '84



outboard motor

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**115A
140A**

**150A
175A
200A**

220A

A.P.

FOREWORD

This Parts Catalogue is related to the parts in use for the Yamaha outboard motor '84model. When you are ordering replacement parts for the '84model, 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

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

EXAMPLE

CARBURETOR ASS'Y

. JET, pilot

. NOZZLE, main

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

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

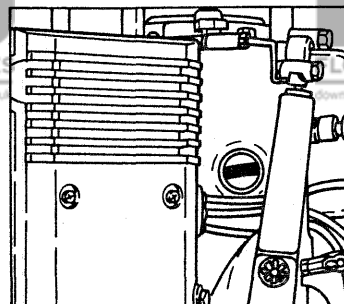
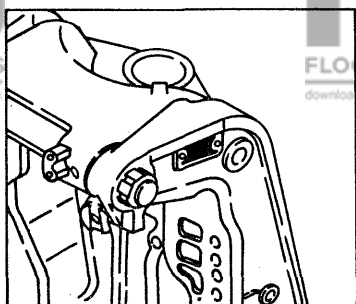
EXAMPLE

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

FOREWORD

5. Initial Serial No. and Color Code

Engine Serial No.	115AEO L:450101 and following UL:750101 and following 115AETO L:350101 and following UL:700101 and following 140AETO L:350101 and following UL:700101 and following 150AETO L:400101 and following UL:750101 and following 175AETO L:400101 and following UL:750101 and following 200AETO L:400101 and following UL:750101 and following 220AETO L:300101 and following UL:700101 and following
-------------------	--



Color Code	Color Name	Abbreviate
EK	METALIC MARINE SILVER	MMS
EJ	METALIC MARINE BLUE	MMB
36	CLEAN WHITE	W

**115A
140A**

115A(6E5) 140A(6F3)

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Fig. 1 CRANKCASE & CYLINDER

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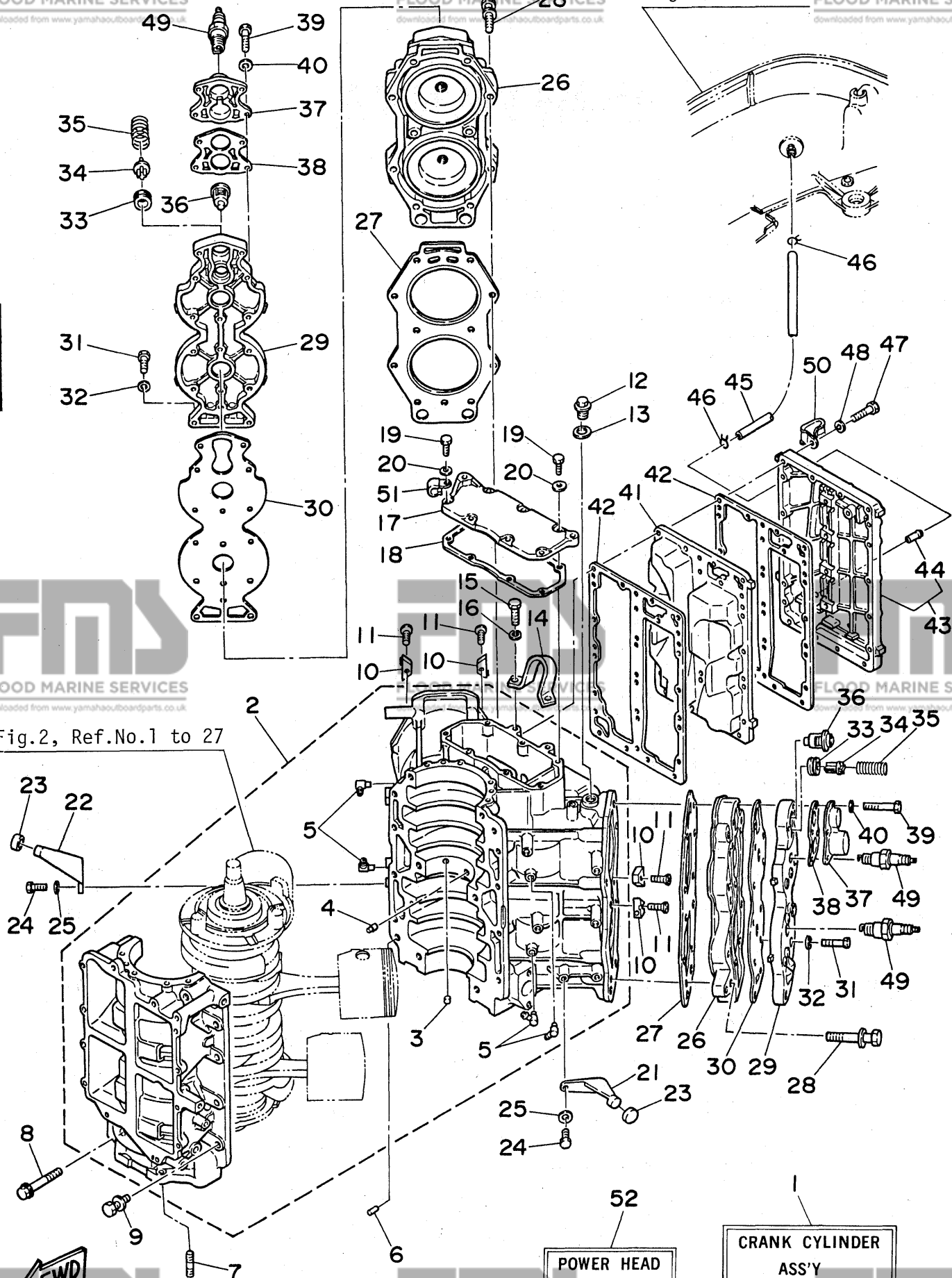
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Fig.7, Ref.No.1

Fig.2, Ref.No.1 to 27



115A/140A

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Fig. 1 CRANKCASE & CYLINDER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-W0090-10-EJ	CRANK CYLINDER ASS'Y (115A Model)(Ref. No. 2 to 49 and Fig. 2, Ref. No. 1 to 27) 1 U.R.	1	25	92903-06600	WASHER	4
※	6F3-W0090-10-EJ	CRANK CYLINDER ASS'Y (140A Model)(Ref. No. 2 to 49 and Fig. 2, Ref. No. 1 to 27) 1 U.R.	1	26	6E5-11111-00-94	HEAD, cylinder (115A Model)	2 U.R.
2	6E5-15100-02-94	CRANKCASE ASS'Y (115A Model)	1 U.R.	※	6F3-11111-00-94	HEAD, cylinder (140A Model)	2 U.R.
※	6F3-15100-02-94	CRANKCASE ASS'Y (140A Model)	1 U.R.	27	6E5-11181-02	GASKET, cylinder head	2
3	624-11379-00	. VALVE, check	1	28	90119-08M21	BOLT, with washer	20
4	663-11518-01	. LOCK, bearing	1	29	6E5-11191-00-9M	COVER, cylinder head	2
5	6E5-11372-00	. NIPPLE, hose 2	4	30	6E5-11193-01	GASKET, head cover	2
6	93608-12063	PIN, dowel B	2	31	97313-06030	BOLT	24
7	90116-08M14	BOLT, stud	2	32	92903-06600	WASHER	24
8	90105-10M20	BOLT	6	33	90480-18065	GROMMET	2
9	90119-08M23	BOLT, with washer	8	34	663-12416-00	VALVE, pressure control	2
10	6E5-11325-00	ANODE	4	35	90501-16M22	SPRING, compression	2
11	98680-04016	SCREW, ovalhead	4	36	6E5-12411-00	THERMOSTAT	2
12	90340-14M00	PLUG, straight screw	1	37	688-12413-00-9M	COVER, thermostat	2
13	90430-14115	GASKET	1	38	688-12414-00	GASKET, thermostat cover	2
14	6E5-11119-00	HANGER, engine	1	39	97313-06040	BOLT	8
15	97313-08020	BOLT	2	40	92903-06600	WASHER	8
16	92903-08100	WASHER	2	41	6E5-41111-00-9M	INNER COVER, exhaust	1
17	6E5-11371-00-9M	COVER	1	42	6E5-41112-00	GASKET, exhaust cover	2
18	6E5-11381-00	GASKET, cover	1	43	6E5-41113-00-9M	OUTER COVER, exhaust	1
19	97313-06020	BOLT	7	44	650-24378-00	. PIPE, joint 3	1
20	92903-06600	WASHER	7	45	6E5-24312-00	HOSE 2	1
21	6E5-42761-00-94	STOPPER 1	1	46	90467-08004	CLIP	2
22	6E5-42762-00-94	STOPPER 2	1	47	97313-06035	BOLT	23
23	663-44533-00	DAMPER	2	48	92903-06600	WASHER	23
24	97313-06020	BOLT	4	49	94701-00160	PLUG, spark (B8HS 10) NGK	4
				50	90465-08M08	CLAMP	3
				51	90465-08M07	CLAMP	1
				■52	6E5-W0001-01	POWER HEAD GASKET KIT (115A Model)	1 U.R.
				■※	6F3-W0001-01	POWER HEAD GASKET KIT (140A Model)	1 U.R.

※Not shown

■See Fig. 22 for detail service parts.

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Fig. 2 CRANK & PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-15163-00-94	HOUSING, bearing 1	1	14	6E5-11610-01	PISTON RING SET (S.T.D.)	4
2	93102-40M14	OIL SEAL	1	※	6E5-11610-11	PISTON RING SET (1st O.S.)	4 A.P.
3	93211-04M36	O-RING	2	※	6E5-11610-21	PISTON RING SET (2nd O.S.)	4 A.P.
4	93311-940U3	BEARING, needle	1	15	6E5-11633-01	PIN, piston	4
5	97313-06020	BOLT	4	16	6E5-11634-00	CLIP, piston pin	8
6	92903-06600	WASHER	4	17	93603-21111	BEARING, con-rod small end	120
7	6E5-11411-01	SHAFT, crank 1	1	18	90201-21M75	WASHER	8
8	6E5-11447-00	SEAL, ring	6	19	6E5-11650-01	CONNECTING ROD ASS'Y	4
9	93310-954V3	BEARING, needle	1	20	90109-08462	. BOLT	8
10	93306-208U0	BEARING (B6208)	1	21	93310-836V2	BEARING, needle	4
11	93410-40M03	CIRCLIP	1	22	6G5-15359-00-94	HOUSING, oil seal	1
12	6G5-11631-00-93	PISTON 1 (S.T.D.)	2	23	93102-35M13	OIL SEAL	1
※	6G5-11635-00	PISTON 1 (1st O.S.)	2 A.P.	24	93101-22M15	OIL SEAL	1
※	6G5-11636-00	PISTON 1 (2nd O.S.)	2 A.P.	25	93210-74M35	O-RING	1
13	6G5-11642-00-93	PISTON 2 (S.T.D.)	2	26	97395-06020	BOLT	4
※	6G5-11645-00	PISTON 2 (1st O.S.)	2 A.P.	27	92990-06600	WASHER	4
※	6G5-11646-00	PISTON 2 (2nd O.S.)	2 A.P.				

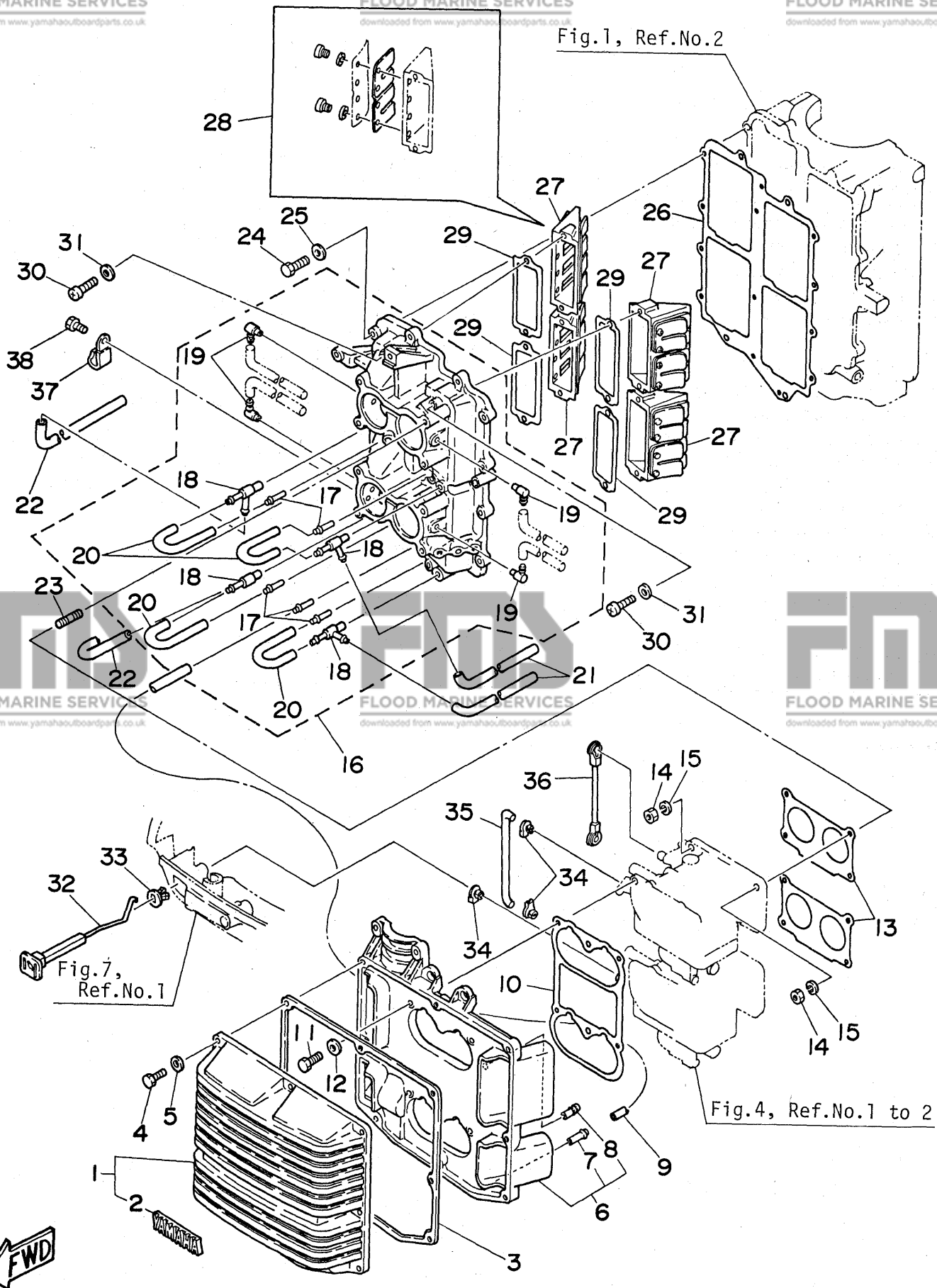
※Not shown

Fig. 3 INTAKE

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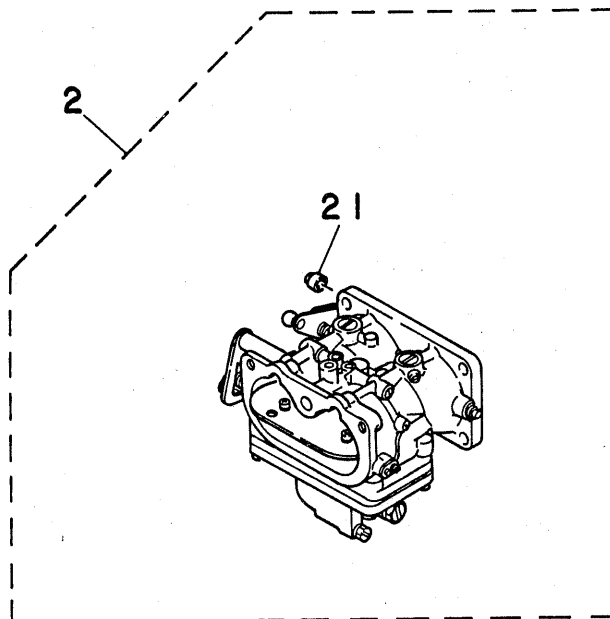
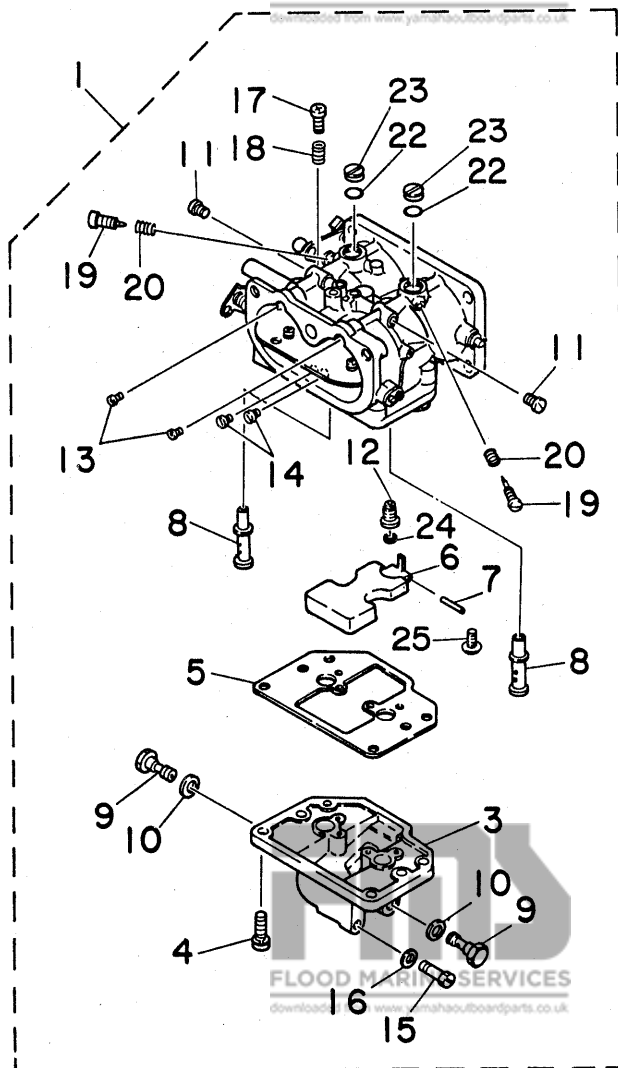
115A/140A

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Fig. 3 INTAKE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-14418-00	COVER 2	1	20	90445-07M28	. HOSE	4
2	6E5-1441K-00	. EMBLEM 1	1	21	90445-07M24	HOSE	2
3	6E5-14416-00	GASKET, air cleaner	1	22	90445-07M46	HOSE	2
4	97313-06020	BOLT	8	23	90116-06M08	BOLT, stud	8
5	92903-06200	WASHER	8	24	97313-06025	BOLT	12
6	6E5-14417-01-98	COVER 1	1	25	92903-06600	WASHER	12
7	624-14485-00	. PIPE, joint	1	26	6E5-13645-00	GASKET, intake manifold	1
8	6E5-14485-00	. PIPE, joint	1	27	6E5-13610-00	REED VALVE ASS'Y	4
9	90445-07M23	HOSE	1	28	6E5-W0004-00	. REED SET	4
10	6E5-14483-00	GASKET, plate	1	29	6E5-13621-00	PACKING, valve seat	4
11	97313-06020	BOLT	4	30	97803-05025	SCREW, panhead	8
12	92903-06600	WASHER	4	31	92903-05600	WASHER	8
13	6E5-14198-00	GASKET	2	32	6E5-41271-00	KNOB, choke	1
14	95303-06600	NUT	8	33	689-41273-00	GROMMET	1
15	92903-06100	WASHER	8	34	661-41262-02	JOINT, choke lever	3
16	6E5-13641-10-94	MANIFOLD, intake 1	1	35	6E5-41256-00	ROD, choke link	1
17	624-14485-00	. PIPE, joint	5	36	6E5-41217-00	ROD, accel. lever	1
18	6E5-11370-00	. CHECK VALVE ASS'Y	4	37	90465-08M07	CLAMP	1
19	6E5-13552-00	. NOZZLE	4	38	97313-06012	BOLT	1

Fig. 4 CARBURETOR



26
CARBURETOR
REPAIR SET



Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-14301-02	CARBURETOR ASS'Y (Upper) (115A Model)	1 U.R.	11	6G5-14342-47	. JET, pilot (#94)	4
※	6F3-14301-02	CARBURETOR ASS'Y (Upper) (140A Model)	1 U.R.	12	6E5-14390-20	. VALVE SEAT ASS'Y	2
2	6E5-14302-02	CARBURETOR ASS'Y (Lower) (115A Model)	1 U.R.	13	6E5-14347-25	. JET, air slow	4
※	6F3-14302-02	CARBURETOR ASS'Y (Lower) (140A Model)	1 U.R.	14	6E5-14337-80	. JET, air main (1.6ø) (115A Model)	4 U.R.
3	6E5-14381-02	. BODY, float chamber	2	※	6E5-14337-70	. JET, air main (2.0ø) (140A Model)	4 U.R.
4	97803-05017	. SCREW, panhead	8	15	6E5-14383-00	. SCREW, drain	2
5	6E5-14384-02	. GASKET, float chamber	2	16	6E5-14398-00	. GASKET	2
6	6E5-14385-00	. FLOAT ASS'Y	2	17	650-14321-00	. SCREW, throttle	2
7	6E5-14386-01	. PIN, float	2	18	647-14334-00	. SCREW, air adjusting	2
8	6E5-14341-02	. NOZZLE, main (115A Model)	4 U.R.	19	6E5-14323-01	. SCREW, air adjusting	4
※	6F5-14341-00	. NOZZLE, main (140A Model)	4 U.R.	20	650-14223-00	. SPRING	4
9	6E5-14343-88	. JET, main (#175)(115A Model)	4 U.R.	21	682-41291-00	. BUSHING (Lower)	1
※	6E5-14343-83	. JET, main (#165)(140A Model)	4 U.R.	22	617-24565-00	. O-RING	4
10	1J2-14398-00	. GASKET	4	23	6G5-14328-00	. SCREW, pilot stop	4
				24	367-14195-00	. GASKET	2
				25	98902-04010	. SCREW	2
				♣26	6E5-W0093-01	CARBURETOR REPAIR KIT	1

※Not shown

♣See Fig. 22 for detail service parts.

Fig. 5 FUEL

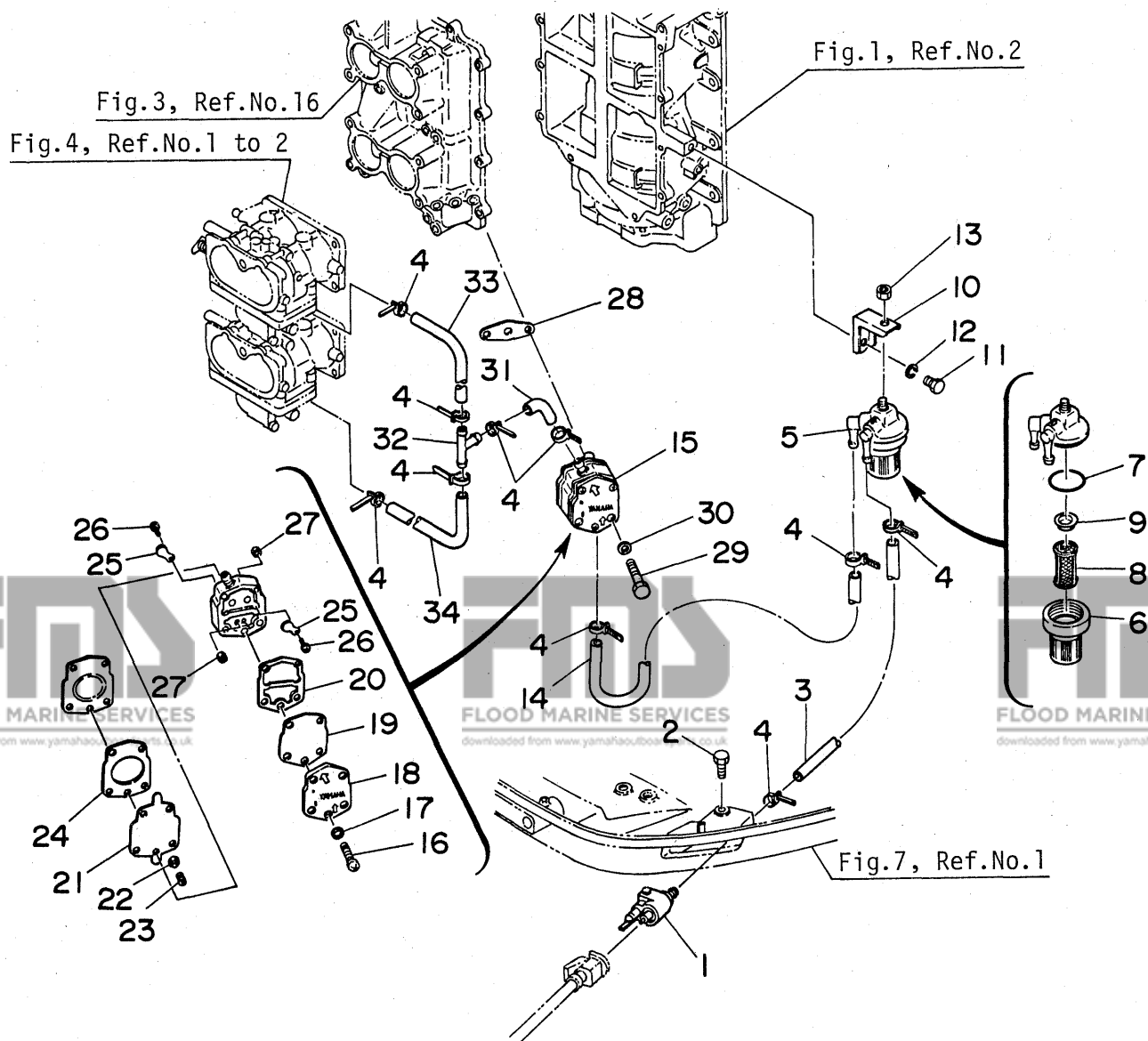


Fig. 5 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-24304-00-94	FUEL PIPE JOINT CONP. 1	1	18	6E5-24413-00	. COVER, pump	1
2	97313-06020	BOLT	1	19	6E5-24471-00	. DIAPHRAGM	1
3	6E5-24313-00	HOSE	1	20	6E5-24435-00	. GASKET, body 2	1
4	90465-13M11	CLAMP	10	21	6E5-24411-00	. DIAPHRAGM	1
5	6E5-24560-00	FILTER ASS'Y	1	22	648-24424-00	. PLATE, spring guide	1
6	655-24521-00	. CUP, filter	1	23	6E5-24423-00	. SPRING, diaphragm	1
7	93210-37M25	. O-RING	1	24	6E5-24434-00	. GASKET, body 1	1
8	655-24563-00	. ELEMENT, filter	1	25	6A0-24421-01	. VALVE, check	4
9	655-24564-00	. PACKING, filter	1	26	98501-03006	. SCREW, panhead	4
10	6E5-24566-00	BRACKET, filter	1	27	98813-03100	. NUT	4
11	97313-06014	BOLT	1	28	650-24431-00	GASKET, fuel pump	1
12	92903-06100	WASHER	1	29	97313-06050	BOLT	2
13	95303-08600	NUT	1	30	92903-06600	WASHER	2
14	6E5-24314-00	HOSE 4	1	31	6G5-24316-00	HOSE 6	1
15	6E5-24410-00	FUEL PUMP ASS'Y	1	32	6G5-24376-00	PIPE, joint 1	1
16	98503-05035	. SCREW, panhead	3	33	6G5-24318-00	HOSE 8	1
17	92903-05600	. WASHER	3	34	6G5-24319-00	HOSE 9	1

Fig. 6 TOP COWLING

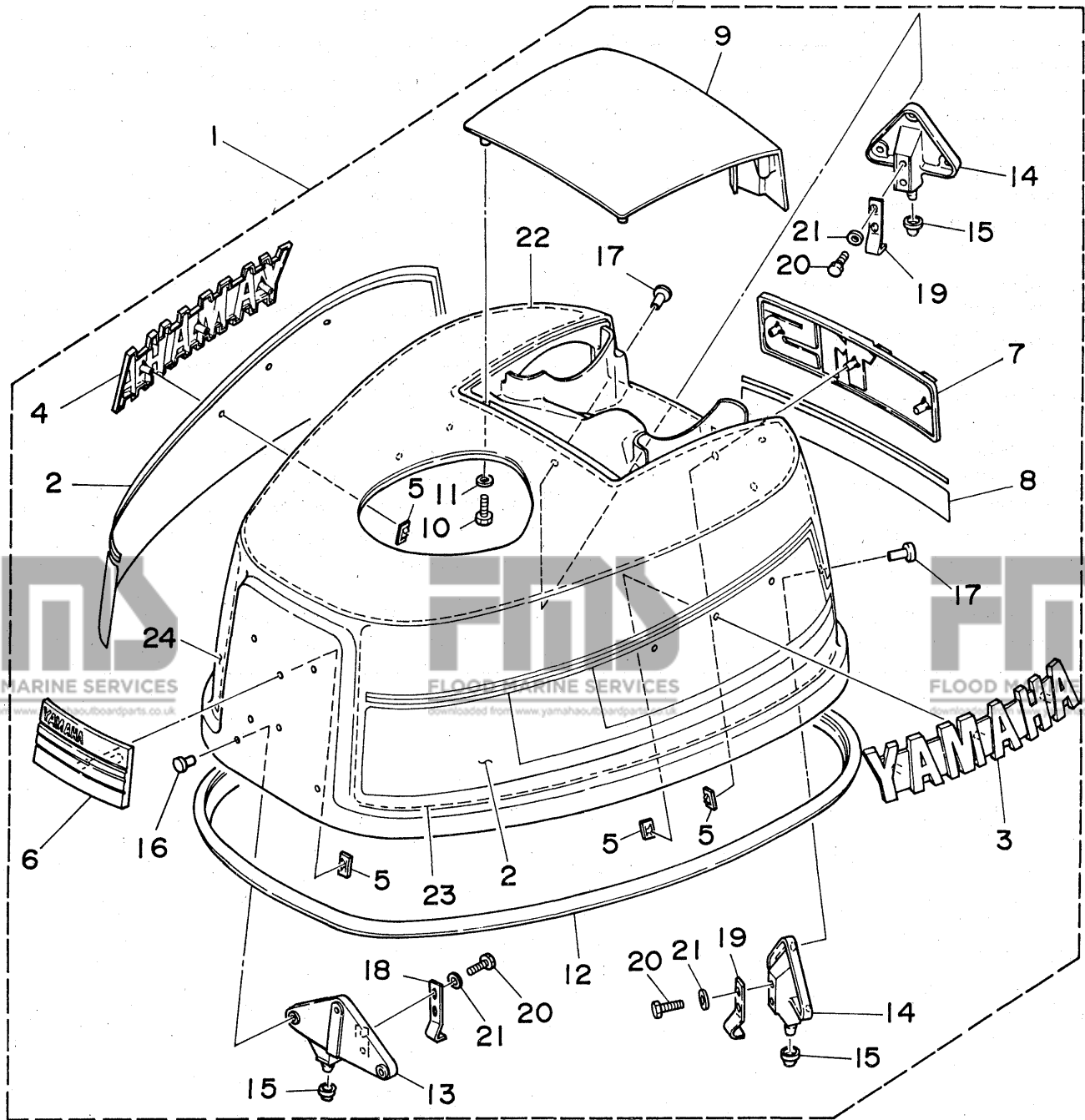


Fig. 6 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-42610-G0-EJ	TOP COWLING ASS'Y (115A Model)	1 U.R.	12	6E5-42615-00	. SEAL	1
※	6F3-42610-G0-EJ	TOP COWLING ASS'Y (140A Model)	1 U.R.	13	6E5-42647-00-94	. HOLDER, clamp band 1	1
2	6E5-W0070-E0	. GRAPHIC SIDE SET	1	14	6E5-42649-01-94	. HOLDER, clamp band 2	2
3	6G5-42681-00	. MARK, cowling 1	1	15	663-42662-00	. DAMPER 1	3
4	6G5-42682-00	. MARK, cowling 2	1	16	90266-06009	. RIVET	3
5	90183-05M01	. NUT, spring	12	17	90266-06M02	. RIVET	6
6	6E5-42686-01	. EMBLEM, front	1	18	688-42652-00	. HOOK 2	1
7	6E5-42687-01	. EMBLEM, rear (115A Model)	1 U.R.	19	6E5-42652-00	. HOOK 2	2
※	6F3-42687-01	. EMBLEM, rear (140A Model)	1 U.R.	20	97395-06016	. BOLT	6
8	6E5-42678-E0	. GRAPHIC, rear	1	21	92990-06600	. WASHER	6
9	6E5-42613-00-EJ	. MOLDING, air duct	1	22	6E5-42617-00	. RUBBER, from 1	1
10	97395-06016	. BOLT	4	23	6E5-42619-00	. RUBBER, from 2	1
11	92990-06600	. WASHER	4	24	6E5-42627-00	. RUBBER, from 3	1

※Not shown

Fig. 7 BOTTOM COWLING

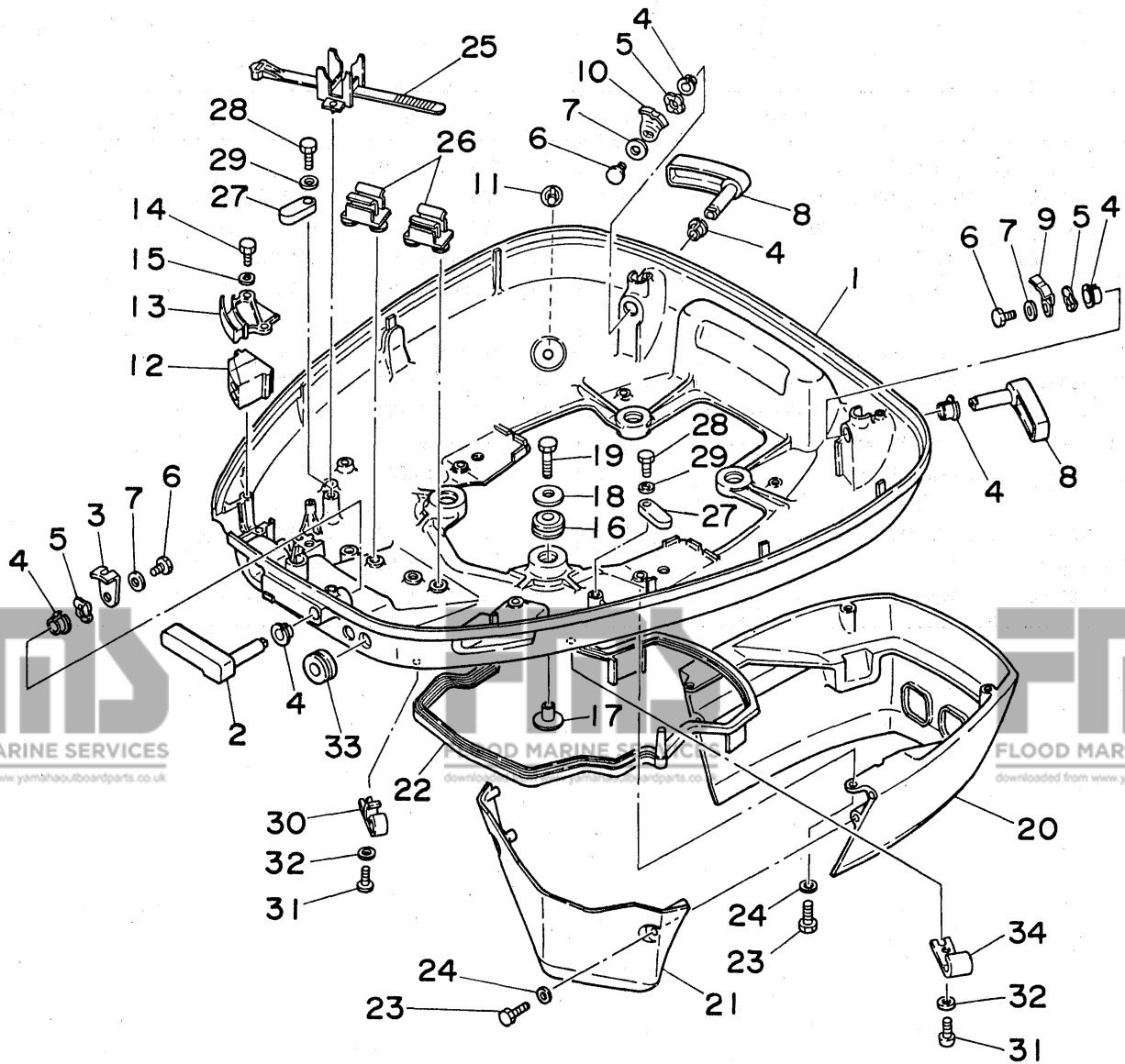


Fig. 7 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-42711-10-EJ	COWLING, bottom	1	18	90201-08M54	WASHER	4
2	688-42815-00-EJ	LEVER, clamp 1	1	19	97375-08035	BOLT	4
3	688-42816-00	LEVER, clamp 2	1	20	6E5-42741-00-EJ	APRON 1	1
4	90386-13M38	BUSHING	6	21	6E5-42771-00-EJ	APRON 2	1
5	90206-13M10	WASHER	3	22	6E5-42716-00	SEAL, rubber	1
6	97395-06012	BOLT	3	23	97395-06020	BOLT	6
7	90201-06068	WASHER	3	24	92990-06600	WASHER	6
8	6E5-42817-00-EJ	LEVER, clamp 3	2	25	688-82594-00	CLAMP	1
9	6G5-42816-00	LEVER, clamp 2	1	26	6E5-82594-00	CLAMP	2
10	6E5-42816-01	LEVER, clamp 2	1	27	6E5-82588-00	PLATE	3
11	6E5-44391-00	NIPPLE, hose 1	1	28	97313-06020	BOLT	3
12	6E5-42725-10	GROMMET 2	1	29	92903-06600	WASHER	3
13	6E5-42738-00-94	PLATE, fitting	1	30	6E5-24367-01	CLAMP, fuel pipe 2	1
14	97313-06016	BOLT	2	31	90157-06M01	SCREW, panhead	2
15	92903-06600	WASHER	2	32	92990-06600	WASHER	2
16	90480-22M15	GROMMET	4	33	90480-21M33	GROMMET	2
17	90387-08M37	COLLAR	4	34	6E5-24367-10	CLAMP, fuel pipe 2	1

Fig. 8 BRACKET 1

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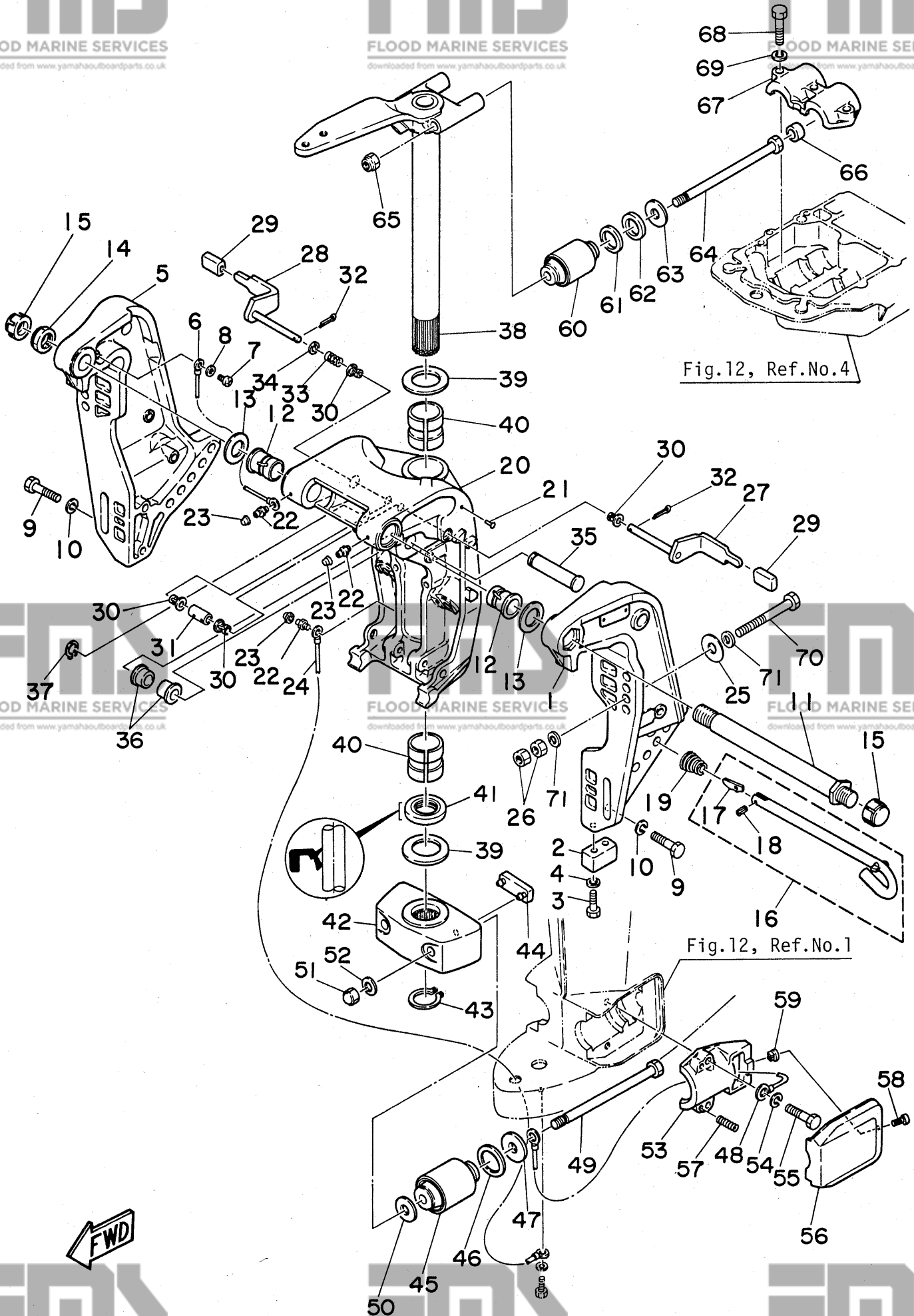


Fig.12, Ref.No.4

Fig.12, Ref.No.1



115A/140A

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Fig. 8 BRACKET 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-43111-00-EJ	BRACKET, clamp 1	1	35	6E5-43126-00	PIN, upper shock mount	1
2	6E5-45251-00	ANODE	1	36	90386-18M44	BUSHING	2
3	97395-06025	BOLT	2	37	93410-18M02	CIRCLIP	1
4	92990-06600	WASHER	2	38	6E5-42510-00-EJ	STEERING BRACKET ASS'Y (Long)	1 U.R.
5	6E5-43112-00-EJ	BRACKET, clamp 2	1	※	6E5-42510-20-EJ	STEERING BRACKET ASS'Y (Ultra Long)	1 U.R.
6	6E5-82148-00	WIRE, lead 5	1	39	90201-38M60	WASHER	2
7	97890-06012	SCREW, panhead	1	40	90386-38M32	BUSHING	2
8	92990-06600	WASHER	1	41	93109-38M02	OIL SEAL	1
9	97395-10045	BOLT	6	42	6E5-44551-00-EJ	HOUSING, lower mount	1
10	92990-10100	WASHER	6	43	93410-37M04	CIRCLIP	1
11	6E5-43131-00	BOLT, clamp bracket	1	44	6E5-44575-00	DAMPER, lower mount rubber	1
12	90386-25M31	BUSHING	2	45	6E5-44555-00-94	MOUNT RUBBER, lower side	2
13	90201-26M59	WASHER	2	46	90202-32M19	WASHER	2
14	90185-22043	NUT, self-locking	1	47	90201-16M55	WASHER	2
15	663-43145-00	CAP, clamp bracket	2	48	6E5-82149-00	WIRE, lead 3	1
16	6E5-43160-10	TILT ROD ASS'Y	1 U.R.	49	90109-14M10	BOLT	2
※	6E5-43160-00	TILT ROD ASS'Y (Manual Tilt)	1 U.R.	50	90201-15M58	WASHER	2
17	688-43165-00	. STOPPER PLATE	1	51	95380-14800	NUT, crown	2
18	91690-30014	. PIN, spring	1	52	92990-14600	WASHER	2
19	90502-20M03	SPRING, conical	1	53	6E5-44552-00-EJ	HOUSING, lower mount rubber	2
20	6E5-43311-01-EJ	BRACKET, swivel 1 (Long)	1 U.R.	54	92990-10100	WASHER	4
※	6E5-43311-A0-EJ	BRACKET, swivel 1 (Long) (Manual Tilt)	1 U.R.	55	97395-10045	BOLT	4
※	6E5-43311-21-EJ	BRACKET, swivel 1 (Ultra Long)	1 U.R.	56	6E5-44553-00-EJ	COVER, lower mount	2
※	6E5-43311-E0-EJ	BRACKET, swivel 1 (Ultra Long) (Manual Tilt)	1 U.R.	57	90501-16M28	SPRING, compression	4
21	90269-03010	RIVET 1	1	58	92380-06015	SCREW, cylinderhead	2
22	93700-06004	NIPPLE, grease	3	59	90179-06066	NUT	2
23	663-45119-00	CAP, grease nipple	3	60	6E5-44514-00-94	MOUNT RUBBER, upper side	2
24	6E5-82147-00	WIRE, lead 4 (Long)	1 U.R.	61	90201-26M57	WASHER	2
※	6E5-82147-20	WIRE, lead 4 (Ultra Long)	1 U.R.	62	90202-26M18	WASHER	2
25	90201-12426	WASHER	4	63	90201-14M56	WASHER	2
26	95380-12600	NUT	8	64	90109-12M09	BOLT	2
27	6E5-43181-00	LEVER, tilt stop 1	1	65	90185-12058	NUT, self-locking	2
28	6E5-43185-00	LEVER, tilt stop 2	1	66	663-44575-00	DAMPER, lower mount rubber	2
29	663-43318-00	COVER	2	67	6E5-44511-00-EJ	COVER, upper mount rubber	1
30	90386-10M16	BUSHING	4	68	97395-10045	BOLT	3
31	90387-10M38	COLLAR	1	69	92990-10100	WASHER	3
32	91490-30025	PIN, cotter	2	70	90101-12M65	BOLT	4
33	90501-10M21	SPRING, compression	1	71	92990-12200	WASHER	8
34	92990-10600	WASHER	1				

※Not shown

Fig.9 POWER TRIM & TILT

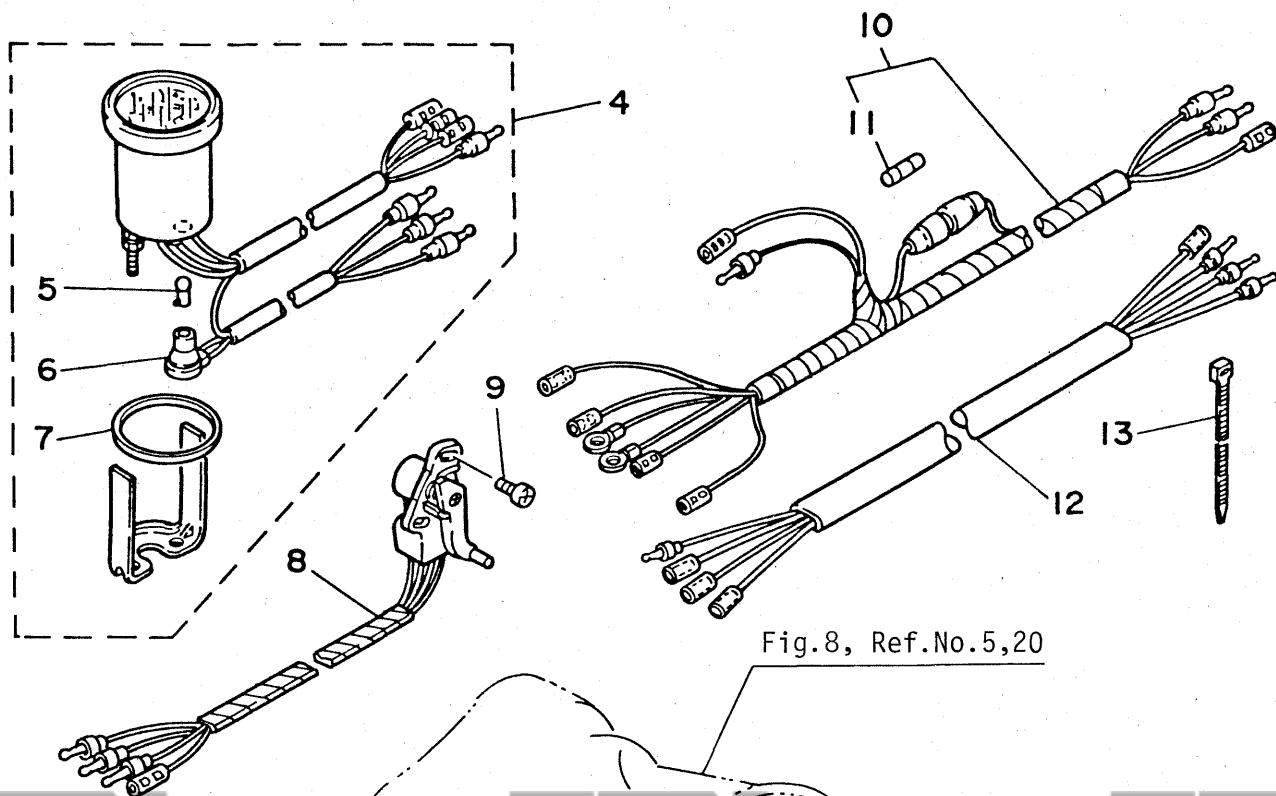


Fig.8, Ref.No.5,20

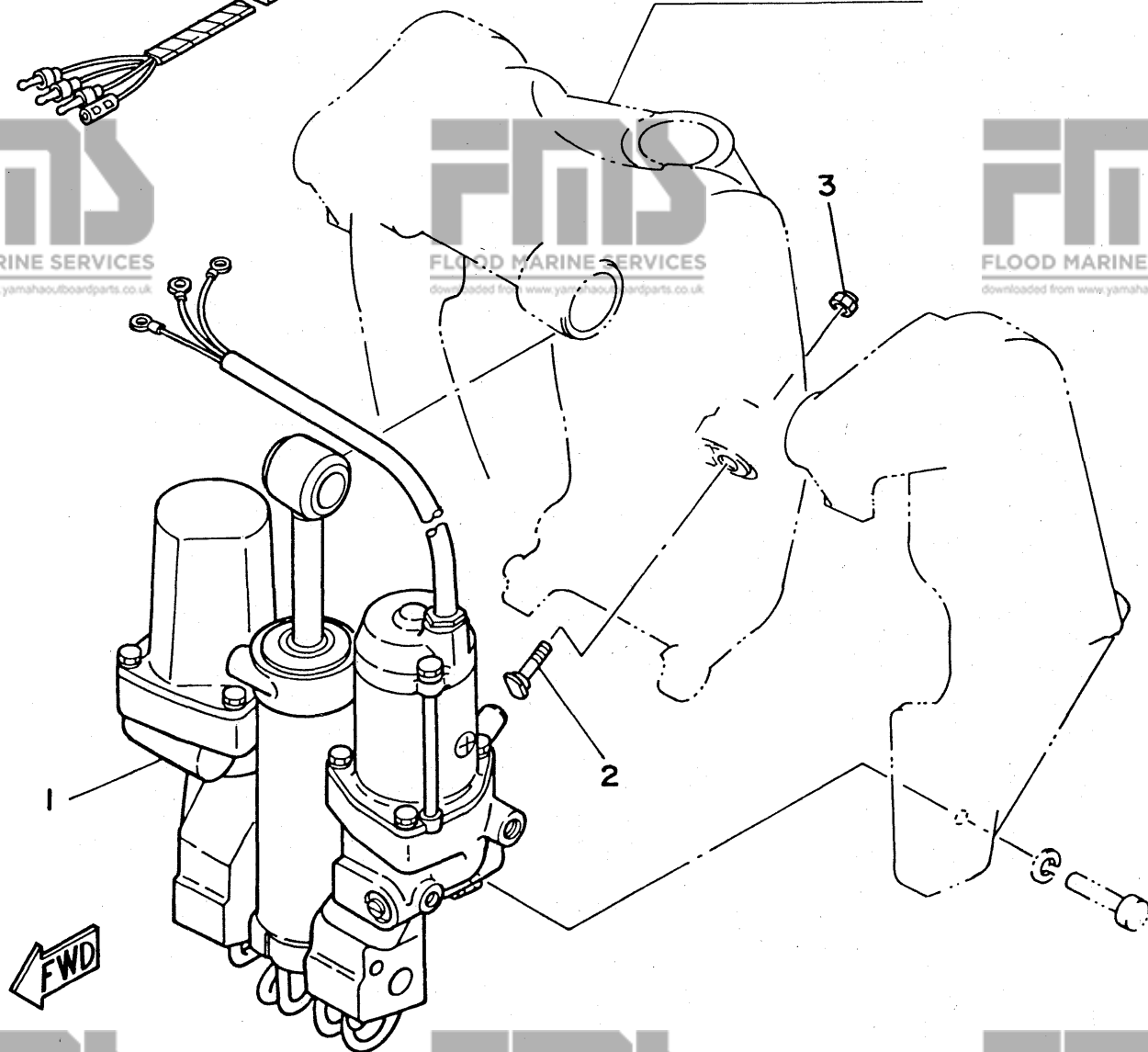


Fig. 9 POWER TRIM & TILT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
▲ 1	6E5-43800-01-EJ	POWER TRIM & TILT ASS'Y	1	8	6E5-83672-00	TRIM SENDER	1
2	6E5-43376-00	BOLT, thrust receiver	2	9	97890-06016	SCREW, panhead	2
3	90185-08057	NUT, self-locking	2	10	688-83553-10	WIRE, lead	1
4	688-83671-00	TRIM GAUGE	1	11	1E6-82151-00	. FUSE (12V-10A)	1
5	688-83516-00	. BULB (12V-1.7W)	1	12	6E5-82553-00	EXTENSION, wire harness	1
6	688-83536-00	. SOCKET, meter	1	13	90465-11M10	CLAMP	5
7	688-83664-00	. DAMPER	1				

▲ See Fig. 21 for detail service parts.

Fig. 10 BRACKET 2 (MANUAL TILT MODEL)

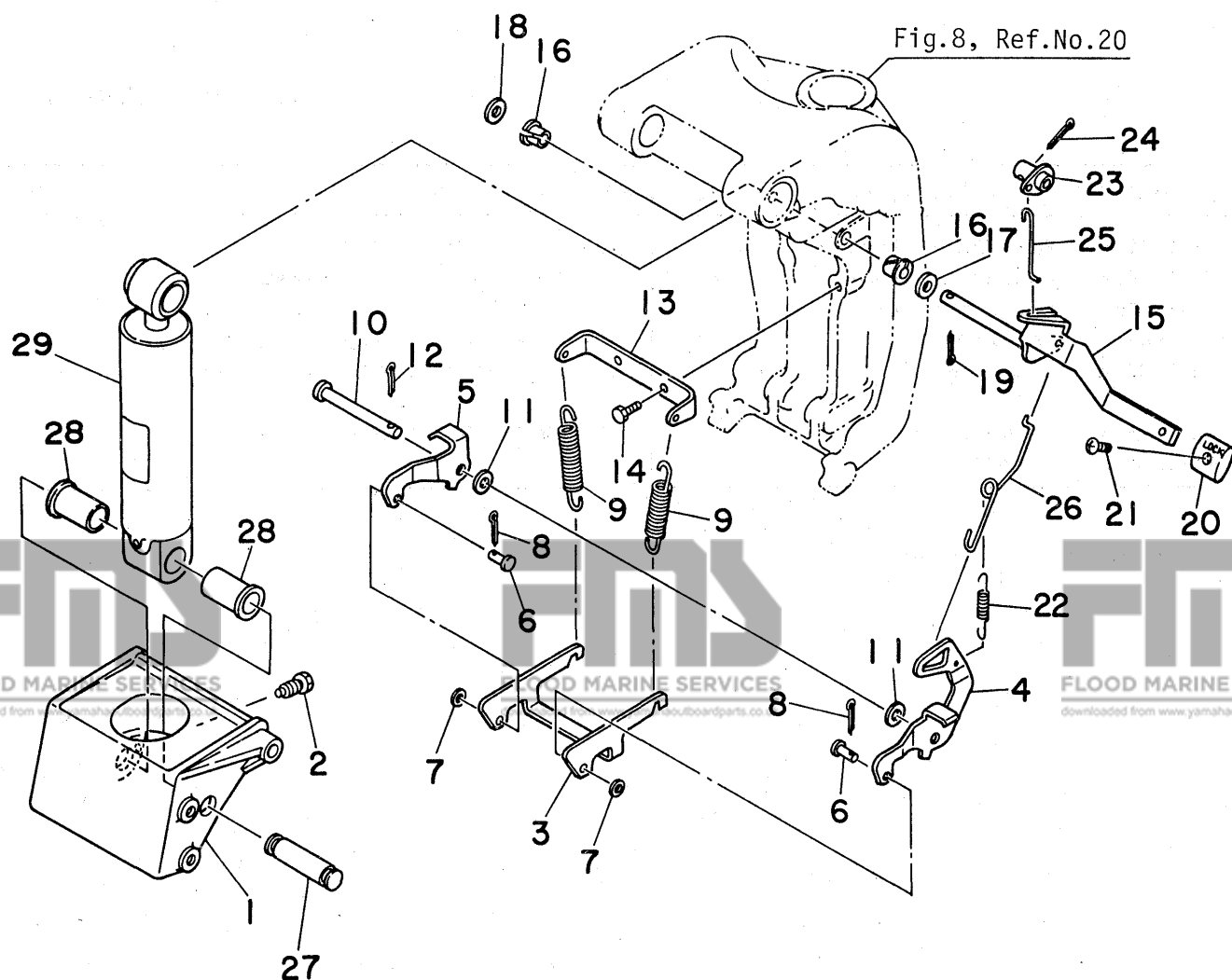
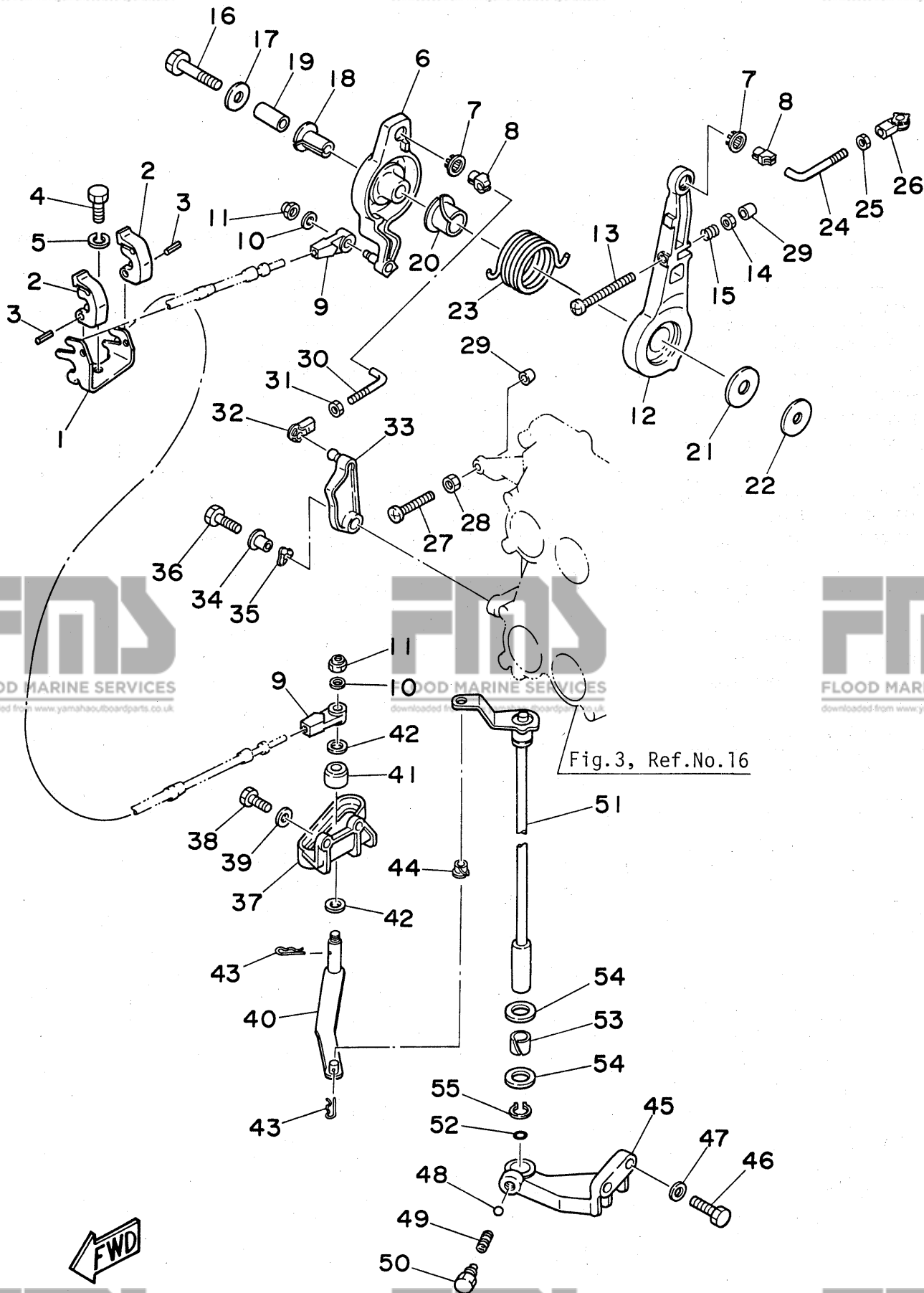


Fig. 10 BRACKET 2 (MANUAL TILT MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-43128-00-EJ	SPACER, clamp bracket	1	16	90386-08032	BUSHING	2
2	90109-06M07	BOLT	1	17	90202-08M08	WASHER	1
3	6E5-43613-00	ARM, tilt lock	1	18	92990-08600	WASHER	1
4	6E5-43614-00	PLATE, tilt lock 1	1	19	91490-20015	PIN, cotter	1
5	6E5-43615-00	PLATE, tilt lock 2	1	20	6E5-43317-00	GRIP	1
6	90240-06M07	PIN, with hole	2	21	98680-05008	SCREW, ovalhead	1
7	92990-06600	WASHER	2	22	90506-09M09	SPRING, tension	1
8	91490-25015	PIN, cotter	2	23	688-43184-00	COLLAR, anchor lever	1
9	90506-23M10	SPRING, tension	2	24	91490-30025	PIN, cotter	1
10	6E5-43659-00	SHAFT, reverse lock	1	25	6E5-43676-00	HOOK	1
11	92990-08600	WASHER	2	26	6E5-43616-00	ROD, tilt lock	1
12	91490-25015	PIN, cotter	1	27	6E5-43124-00	PIN, lower shock mount	1
13	6E5-43679-00	STOPPER, hook	1	28	90386-18M44	BUSHING	2
14	97395-06016	BOLT	2	29	6E5-43170-00-EJ	SHOCK ABSORBER ASS'Y	1
15	6E5-43630-00	TILT LEVER ASS'Y	1				

Fig. 11 CONTROL



115A/140A

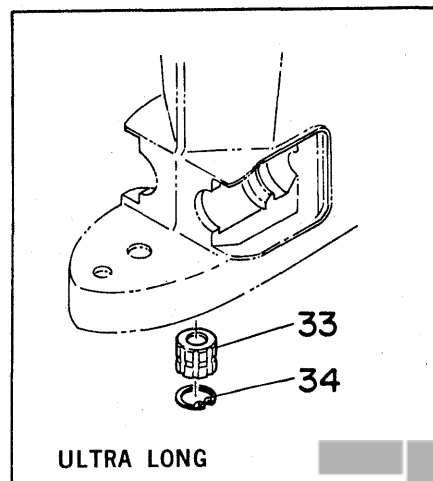
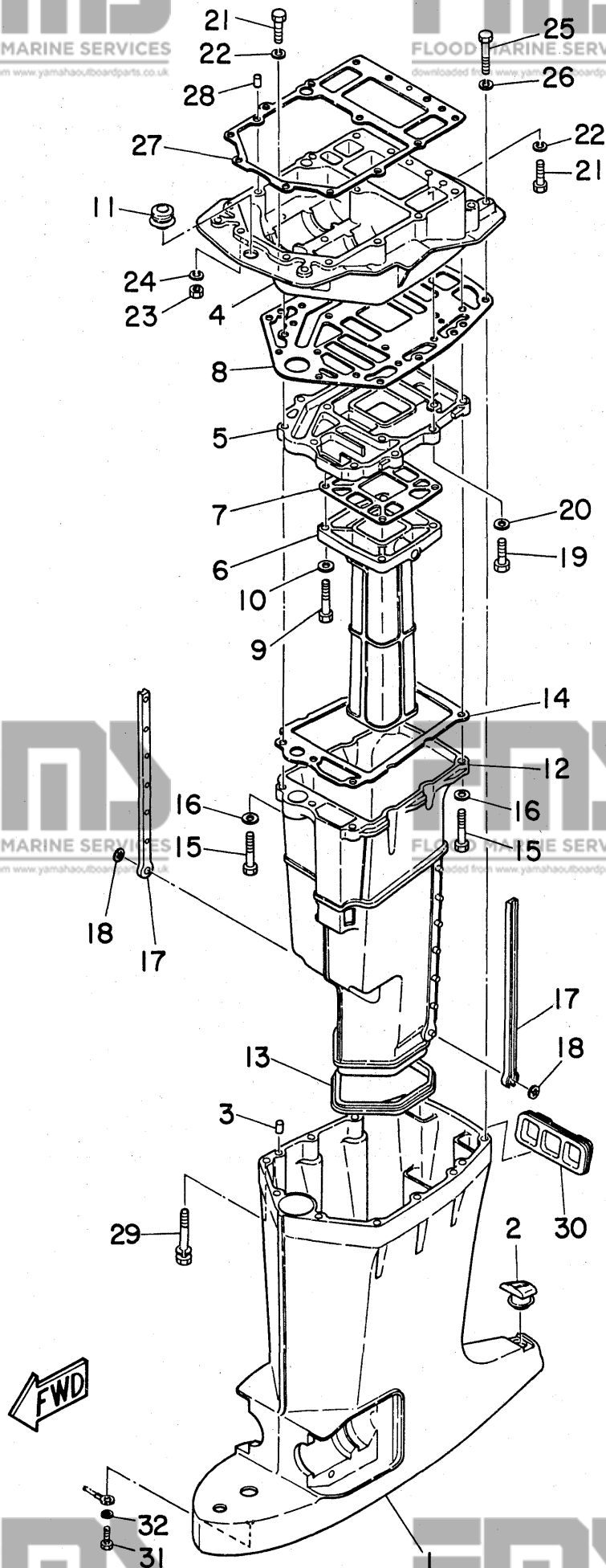
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Fig. 11 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-48531-00	BRACKET, remote control	1	29	688-44194-00	CAP	2
2	6E5-48538-00	CLAMP, cable	2	30	6E5-41211-00	LINK, accel.	1
3	91690-30012	PIN, spring	2	31	95303-05600	NUT	1
4	97313-08020	BOLT	1	32	662-41237-01	JOINT, link 2	1
5	92903-08100	WASHER	1	33	6E5-41213-00	CAM, accel.	1
6	6E5-41632-00-94	LEVER, magneto control 2	1	34	90387-06M29	COLLAR	1
7	6E5-41655-00	BUSHING	2	35	90206-10049	WASHER	1
8	6E5-41214-00	JOINT, ball	2	36	97313-06025	BOLT	1
9	6E5-48344-00	CABLE END, remote control	2	37	6E5-44117-00-EJ	BRACKET	1
10	92903-06200	WASHER	2	38	97313-06020	BOLT	2
11	90185-06062	NUT, self-locking	2	39	92903-06600	WASHER	2
12	6E5-41631-00-94	LEVER, magneto control 1	1	40	6E5-44121-00	LEVER, shift rod 1	1
13	90157-06014	SCREW, crossrecess panhead	1	41	6E5-44122-00	BUSHING, shift rod lever	1
14	95303-06600	NUT	1	42	90202-08M20	WASHER	2
15	90501-16M12	SPRING, compression	1	43	90468-18008	PIN, hair	2
16	97313-08045	BOLT	1	44	90386-06M12	BUSHING	1
17	90201-08M23	WASHER	1	45	6E5-44118-00-EJ	BRACKET 2	1
18	90386-12089	BUSHING	1	46	97313-08030	BOLT	2
19	90387-08M16	COLLAR	1	47	92903-08600	WASHER	2
20	90386-22M13	BUSHING	1	48	93501-04M02	BALL	1
21	90202-12092	WASHER	1	49	90501-12082	SPRING, compression	1
22	90201-08M13	WASHER	1	50	648-42715-00	BUSHING 2	1
23	90508-29M12	SPRING, torsion	1	51	6E5-44120-01	HANDLE GEAR SHIFT ASS'Y (Long)	1 U.R.
24	6E5-41636-00	ROD, magneto control	1	※	6E5-44120-21	HANDLE GEAR SHIFT ASS'Y (Ultra Long)	1 U.R.
25	95303-05600	NUT	1	52	93210-09165	O-RING	1
26	662-41237-01	JOINT, link 2	1	53	90386-16046	BUSHING	1
27	90157-06M00	SCREW, crossrecess panhead	1	54	90202-16061	WASHER	2
28	95303-06600	NUT	1	55	93410-16006	CIRCLIP	1

※Not shown

Fig. 1 2 UPPER CASING



115A/140A

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Fig. 12 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-45111-01-EJ	CASING, upper (Long)	1 U.R.	16	92990-08600	WASHER	5
※	6E5-45111-20-EJ	CASING, upper (Ultra Long)	1 U.R.	17	6E5-14737-00	DAMPER, muffler	2
2	6E5-45155-00	CAP	1	18	90183-05M02	NUT, spring	2
3	93608-12M05	PIN, dowel B	2	19	97395-08030	BOLT	4
4	6E5-41137-01-94	GUIDE, exhaust (115A Model)	1 U.R.	20	92990-08600	WASHER	4
※	6F3-41137-00-94	GUIDE, exhaust (140A Model)	1 U.R.	21	97395-08030	BOLT	6
5	6E5-41131-00-9M	MANIFOLD, exhaust 1 (115A Model)	1 U.R.	22	92990-08100	WASHER	6
※	6G5-41131-00-9M	MANIFOLD, exhaust 1 (140A Model)	1 U.R.	23	95380-08700	NUT	2
6	6E5-41132-00-9M	MANIFOLD, exhaust 2 (115A Model)	1 U.R.	24	92990-08100	WASHER	2
※	6F3-41132-00-9M	MANIFOLD, exhaust 2 (140A Model)	1 U.R.	25	97395-08045	BOLT	2
7	6E5-41134-00	GASKET, exhaust manifold 2 (115A Model)	1 U.R.	26	92990-08100	WASHER	2
※	6G5-41134-00	GASKET, exhaust manifold 2 (140A Model)	1 U.R.	27	6E5-45113-02	GASKET, upper casing 1 (115A Model)	1 U.R.
8	6E5-45114-00	GASKET, upper casing 2 (115A Model)	1 U.R.	※	6G5-45113-00	GASKET, upper casing 1 (140A Model)	1 U.R.
※	6G5-45114-00	GASKET, upper casing 2 (140A Model)	1 U.R.	28	93608-12M05	PIN, dowel B	2
9	97395-08045	BOLT	4	29	90119-08M04	BOLT, hexagon with washer	6
10	92990-08600	WASHER	4	30	6E5-42769-00	SEAL, rubber	1
11	6E5-42724-00	GROMMET 1	1	31	97395-06010	BOLT	1
12	6E5-14711-00-9M	MUFFLER	1	32	92990-06600	WASHER	1
13	6E5-45123-00	GASKET, muffler	1	33	6E5-45318-00	BUSHING, drive shaft 3 (Ultra Long)	1
14	6E5-41135-00	GASKET, exhaust manifold 3	1	34	93420-36M01	CIRCLIP (Ultra Long)	1
15	97395-08045	BOLT	5				

※Not shown

Fig. 13 LOWER & DRIVE I

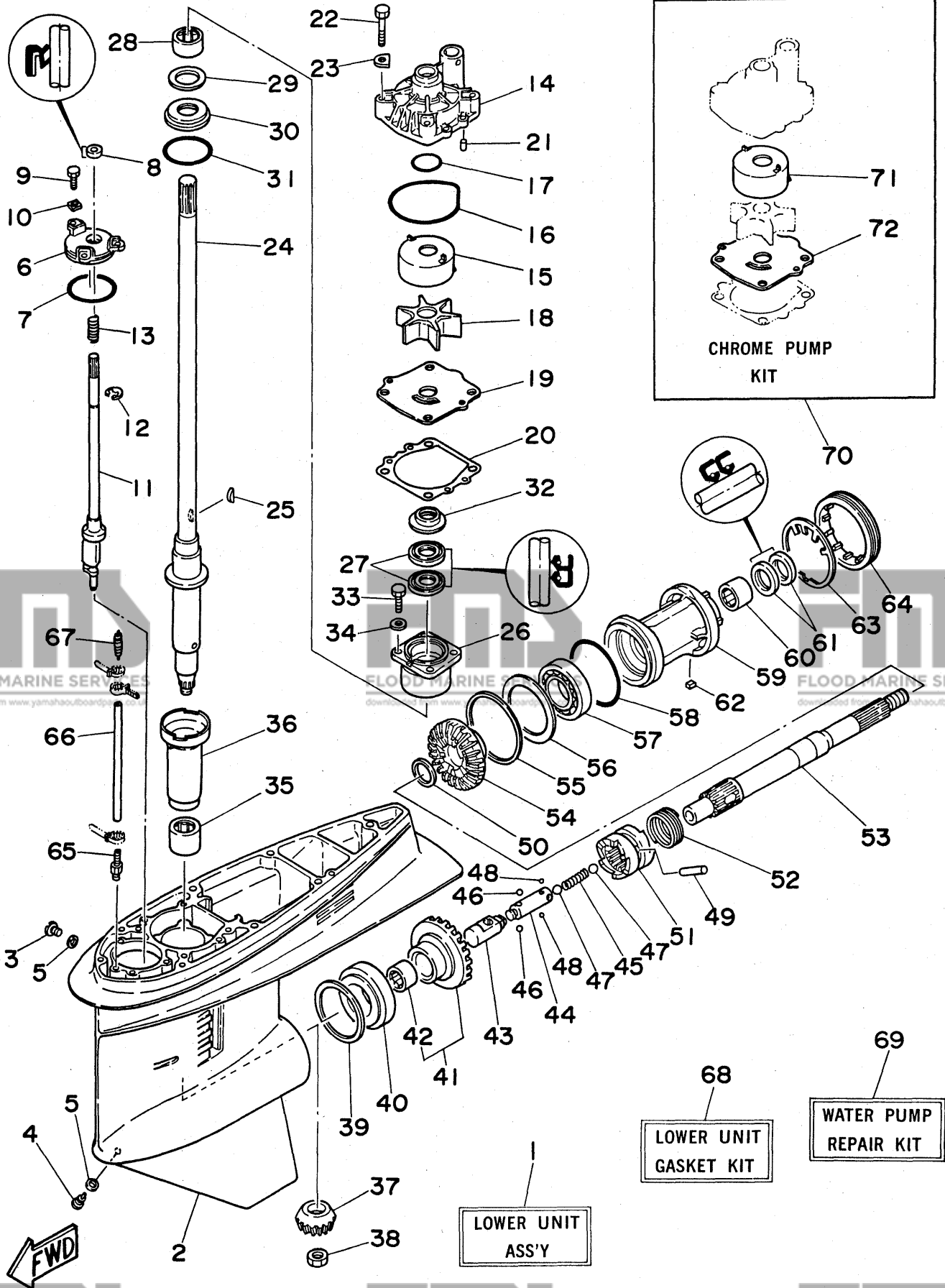


Fig. 13 LOWER & DRIVE 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-45300-11-EJ	LOWER UNIT ASS'Y (Long) (Ref. No. 2 to 67)	1 U.R.	39	6E5-45567-00-05	SHIM 1 (0.05mm)	1 U.R.
※	6E5-45300-21-EJ	LOWER UNIT ASS'Y (Ultra Long) (Ref. No. 2 to 67)	1 U.R.		6E5-45567-00-08	SHIM 1 (0.08mm)	1 U.R.
2	6E5-45301-01-EJ	CASING, lower	1		6E5-45567-00-12	SHIM 1 (0.12mm)	1 U.R.
3	90340-08014	PLUG, straight screw	1		6E5-45567-00-30	SHIM 1 (0.30mm)	1 U.R.
4	90340-08M02	PLUG, straight screw	1		6E5-45567-00-50	SHIM 1 (0.50mm)	1 U.R.
5	90430-08020	GASKET	2	40	93332-000U7	BEARING, taper roller	1
6	6E5-45321-00	PLATE	1	41	6E5-45560-01	GEAR 1 ASS'Y (26T)	1
7	93210-58144	O-RING	1	42	93315-425U7	. BEARING, needle	1
8	93106-09014	OIL SEAL	1	43	6E5-45641-01	SHIFTER	1
9	97395-06020	BOLT	3	44	6E5-45634-01	SLIDE, shift	1
10	90209-06M04	WASHER	3	45	90501-16M37	SPRING, compression	1
11	6E5-44150-00	SHIFT CAM ASS'Y	1	46	93507-32009	BALL	2
12	93430-08006	CIRCLIP (E-8ø)	1	47	93511-32017	BALL	2
13	90501-11M10	SPRING	1	48	93503-16003	BALL	2
14	6E5-44311-00	HOUSING, water pump	1	49	90250-08M07	PIN	1
15	6E5-44322-00	INSERT, cartridge	1	50	90201-30M92	WASHER	1
16	93210-86M38	O-RING	1	51	6E5-45631-01	CLUTCH, dog	1
17	93210-37160	O-RING	1	52	6E5-45633-01	RING, cross pin	1
18	6E5-44352-00	IMPELLER	1	53	6E5-45611-01	SHAFT, propeller	1
19	6E5-44323-00	OUTER PLATE, cartridge	1	54	6E5-45571-01	GEAR 2 (26T)	1
20	6E5-44315-00	GASKET, water pump	1	55	6E5-45577-00-05	SHIM 2 (0.05mm)	1 U.R.
21	93606-12019	PIN, dowel B	2		6E5-45577-00-08	SHIM 2 (0.08mm)	1 U.R.
22	97395-08045	BOLT	4		6E5-45577-00-12	SHIM 2 (0.12mm)	1 U.R.
23	90209-08M02	WASHER	4		6E5-45577-00-30	SHIM 2 (0.30mm)	1 U.R.
24	6E5-45501-00	DRIVE SHAFT COMP. (Long)	1 U.R.		6E5-45577-00-50	SHIM 2 (0.50mm)	1 U.R.
※	6E5-45501-20	DRIVE SHAFT COMP. (Ultra Long)	1 U.R.	56	6E5-45576-00	WASHER, thrust 2	1
25	90280-04M05	KEY, woodruff	1	57	93306-208U0	BEARING (B6208)	1
26	6E5-45331-00-94	HOUSING, bearing 1	1	58	93210-86M39	O-RING	1
27	93101-28M16	OIL SEAL	2	59	6E5-45332-00-94	HOUSING, bearing 2	1
28	93317-330U2	BEARING, needle	1	60	93315-430U8	BEARING, needle	1
29	6E5-45587-00-05	SHIM 3 (0.05mm)	1 U.R.	61	93101-30M17	OIL SEAL	2
	6E5-45587-00-08	SHIM 3 (0.08mm)	1 U.R.	62	90282-04010	KEY, straight	1
	6E5-45587-00-12	SHIM 3 (0.12mm)	1 U.R.	63	688-45383-01	WASHER, claw	1
	6E5-45587-00-30	SHIM 3 (0.30mm)	1 U.R.	64	688-45384-00	NUT	1
	6E5-45587-00-50	SHIM 3 (0.50mm)	1 U.R.	65	6E5-45378-00	NIPPLE, hose	1
30	93341-930U0	BEARING, thrust	1	66	90445-07M31	HOSE (Long)	1 U.R.
31	93210-55M14	O-RING	1	※	90445-07M38	HOSE (Ultra Long)	1 U.R.
32	6E5-45344-00	COVER, oil seal	1	67	6E5-83558-00	END, nipple	1
33	97395-08025	BOLT	4	▲ 68	6E5-W0001-20	LOWER UNIT GASKET KIT (115A Model)	1 U.R.
34	92990-08600	WASHER	4	▲ ※	6F3-W0001-20	LOWER UNIT GASKET KIT (140A Model)	1 U.R.
35	93315-628U9	BEARING, needle	1	★ 69	6E5-W0078-00	WATER PUMP REPAIR KIT	1
36	6E5-45536-00	SLEEVE, drive shaft	1			CHROME PUMP KIT	
37	6E5-45551-01	PINION (13T)	1	70	6E5-W0078-0A	CHROME PUMP KIT	1
38	90170-16M01	NUT	1	71	6E5-44322-41	. INSERT, cartridge	1
				72	6E5-44323-40	. OUTER PLATE, cartridge	1

※ Not shown

▲ See Fig. 22 for detail service parts.

Fig. 14 LOWER & DRIVE 2

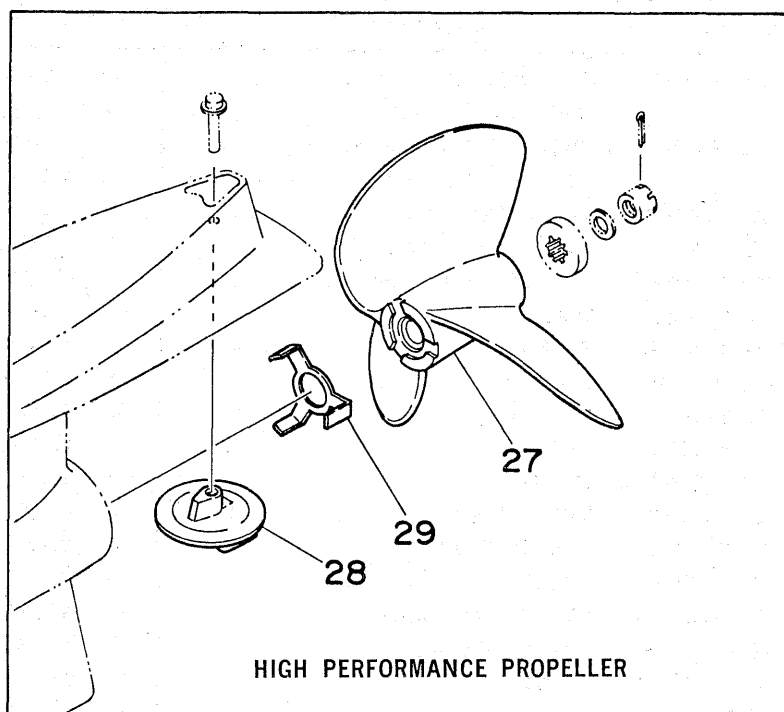


Fig.13, Ref.No.67

Fig.13, Ref.No.66

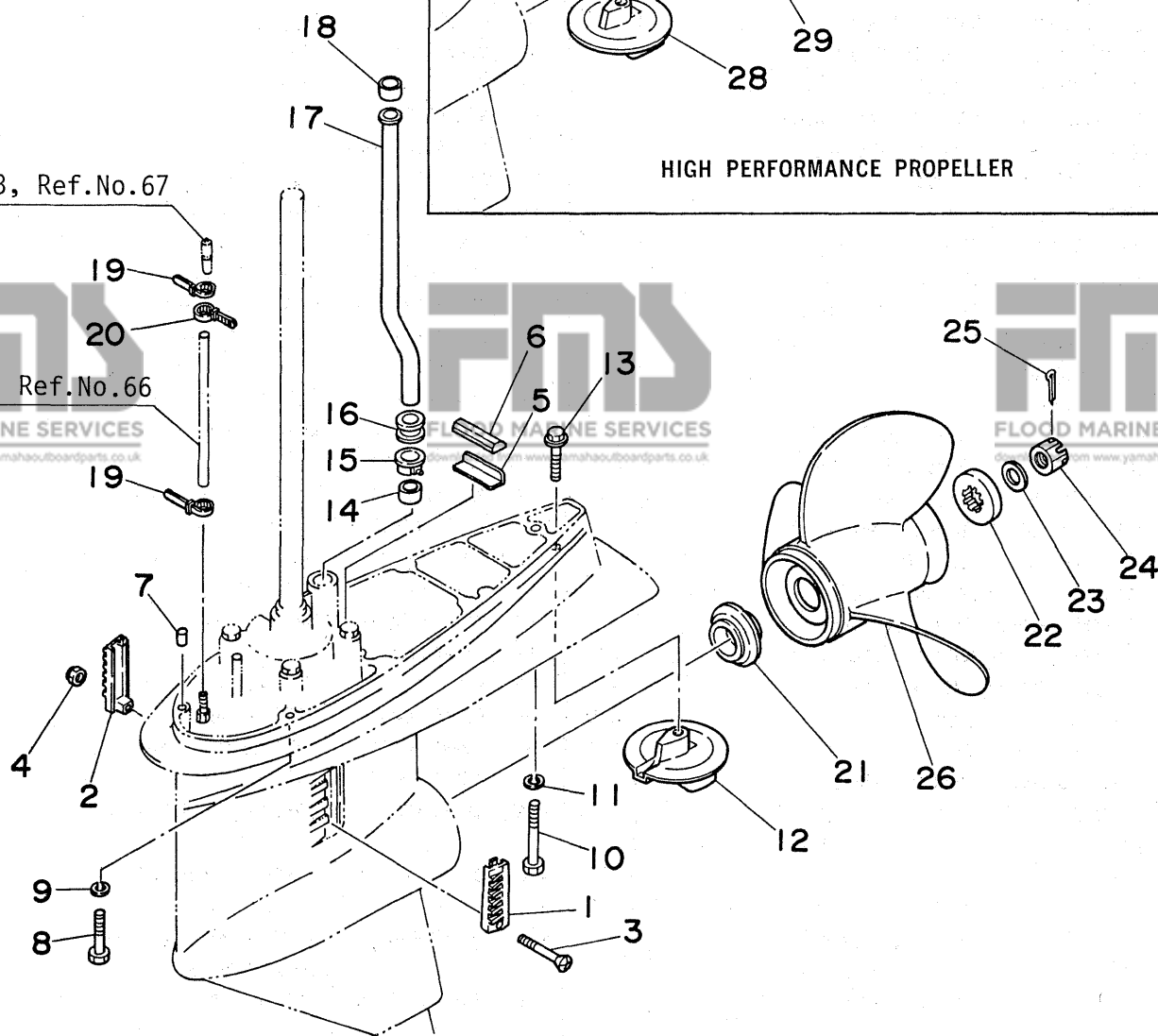


Fig.13, Ref.No.1
LOWER UNIT ASS'Y



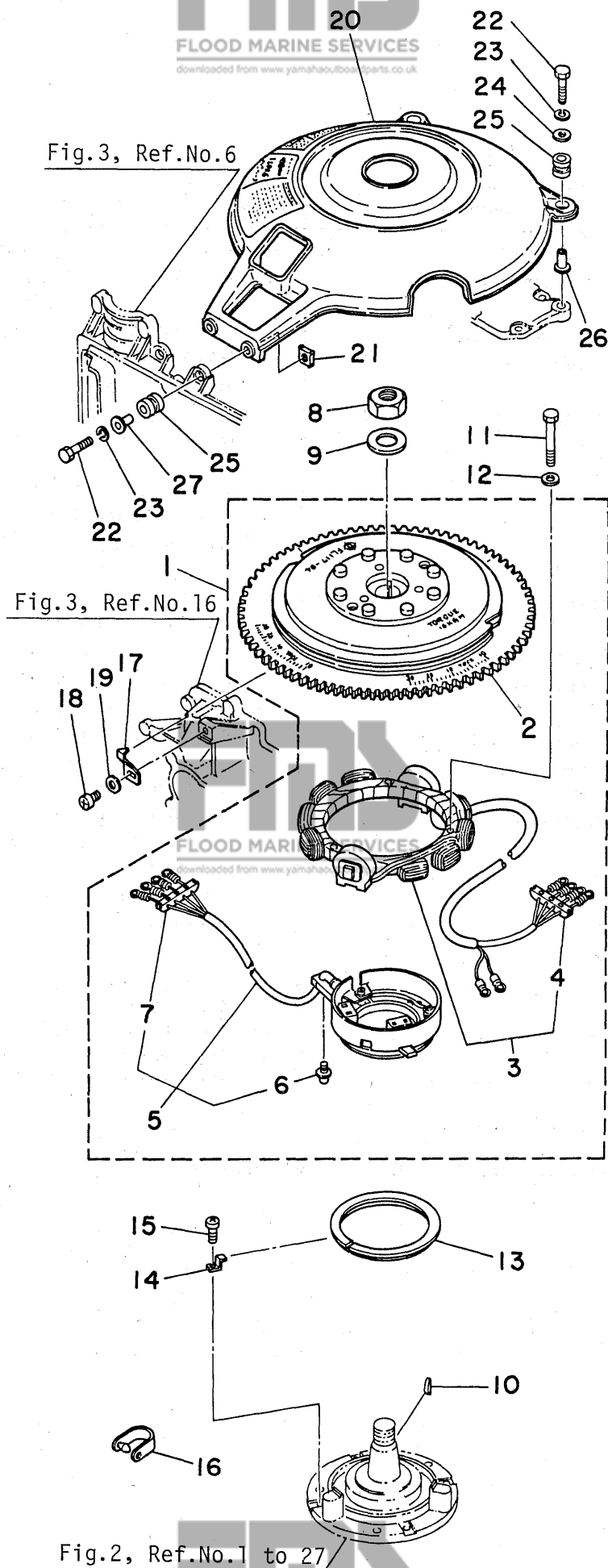
Fig. 14 LOWER & DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-45214-01	COVER, water inlet 1	1	24	90171-18M04	NUT, castle	1
2	688-45215-01	COVER, water inlet 2	1	25	91490-40030	PIN, cotter	1
3	90142-05M03	SCREW	1	PROPELLER ASS'Y			
4	90185-05002	NUT, self-locking	1	26	6E5-45941-00-36	PROPELLER ASS'Y 1 (3x13"x19"-K)	1 U.R.
◆ 5	663-45376-00-94	GUIDE, rubber seal	1		6E5-45943-00-36	PROPELLER ASS'Y 2 (3x13"x21"-K)	1 U.R.
◆ 6	688-45375-00	SEAL, rubber 2	1		6E5-45945-00-36	PROPELLER ASS'Y 3 (3x13½"x17"-K)	1 U.R.
7	93608-12M05	PIN, dowel B	2		6E5-45947-00-36	PROPELLER ASS'Y 4 (3x13½"x15"-K)	1 U.R.
8	97375-10045	BOLT	6		6E5-45949-00-36	PROPELLER ASS'Y 5 (3x14"x13"-K)	1 U.R.
9	92990-10100	WASHER	6		6E5-45952-00-36	PROPELLER ASS'Y 6 (3x13"x23"-K)	1 U.R.
10	97375-10070	BOLT	1		6E5-45954-00-36	PROPELLER ASS'Y 7 (3x14"x11"-K)	1 U.R.
					6E5-45956-00-36	PROPELLER ASS'Y 8 (3x13"x25"-K)	1 U.R.
11	92990-10100	WASHER	1	STAINLESS STEEL PROPELLER			
12	6E5-45371-01	TAB-TRIM	1		688-45970-01-98	PROPELLER ASS'Y 20(3x13½"x19"-K)	1 U.R.
13	90105-10M00	BOLT	1		688-45972-01-98	PROPELLER ASS'Y 21(3x12½"x21"-K)	1 U.R.
◆ 14	6E5-44365-00	RUBBER, water seal 1	1		688-45974-01-98	PROPELLER ASS'Y 22(3x13"x23"-K)	1 U.R.
◆ 15	6E5-44312-00	COVER, water pump housing	1		688-45978-60-98	PROPELLER ASS'Y 24(3x12½"x16"-K)	1 U.R.
16	6E5-44366-00	RUBBER, water seal 2	1		688-45930-60-98	PROPELLER ASS'Y 25(3x13½"x17"-K)	1 U.R.
17	6E5-44361-00	TUBE, water (Long)	1 U.R.		688-45976-01-98	PROPELLER ASS'Y 23(3x13½"x25"-K)	1 U.R.
※	6E5-44361-20	TUBE, water (Ultra Long)	1 U.R.		688-45932-60-98	PROPELLER ASS'Y 26(3x13½"x14"-K)	1 U.R.
18	6E5-44365-00	RUBBER, water seal 1	1	HIGH PERFORMANCE PROPELLER			
19	90465-11M10	CLAMP	2	27	6E5-45970-10	PROPELLER ASS'Y (3x14"x20"-P)	1 U.R.
20	90465-13M11	CLAMP	1		6E5-45972-10	PROPELLER ASS'Y (3x14"x24"-P)	1 U.R.
21	6E5-45987-00	SPACER 1	1		6E5-45974-10	PROPELLER ASS'Y (3x14"x28"-P)	1 U.R.
22	688-45997-00	SPACER 2	1		6E5-45976-10	PROPELLER ASS'Y (3x14"x22"-P)	1 U.R.
23	92990-18200	WASHER	1		6E5-45978-10	PROPELLER ASS'Y (3x14"x26"-P)	1 U.R.
				28	6E5-45371-10	TAB-TRIM	1
				29	6E5-45994-10	PLATE, tooth	1

※Not shown

◆Contents of lower unit ass'y (Parts No. 6E5-45300-11-EJ, 6E5-45300-21-EJ)

Fig. 15 C.D.I. MAGNETO



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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	6E5-85500-10	C.D.I. MAGNETO ASS'Y	1	15	97801-06018	SCREW, panhead	4
2	6E5-85550-10	. ROTOR ASS'Y	1	16	90464-12M00	CLAMP	1
3	6E5-85510-10	. STATOR ASS'Y	1	17	6E5-81332-00	PLATE, timing	1
4	90480-06M16	. . GROMMET	1	18	97803-06008	SCREW, panhead	1
5	6E5-85580-10	. PULSER ASS'Y	1	19	92903-06600	WASHER	1
6	663-85518-00	. . JOINT, ball	1	20	6E5-81337-00	COVER, flywheel	1
7	90480-06M16	. . GROMMET	1	21	90179-06M07	NUT	2
8	90170-20137	NUT	1	22	97313-06030	BOLT	4
9	90201-21M18	WASHER	1	23	92903-06100	WASHER	4
10	90280-05015	KEY, woodruff	1	24	90201-06M62	WASHER	2
11	97313-06055	BOLT	3	25	663-82317-00	DAMPER	4
12	92903-06600	WASHER	3	26	624-42542-00	PIPE 1	2
13	688-41611-00	RETAINER, magneto base 1	1	27	6E5-42542-00	PIPE 1	2
14	688-41612-00	RETAINER, magneto base 2	4				

Fig. 16 ELECTRIC MOTOR

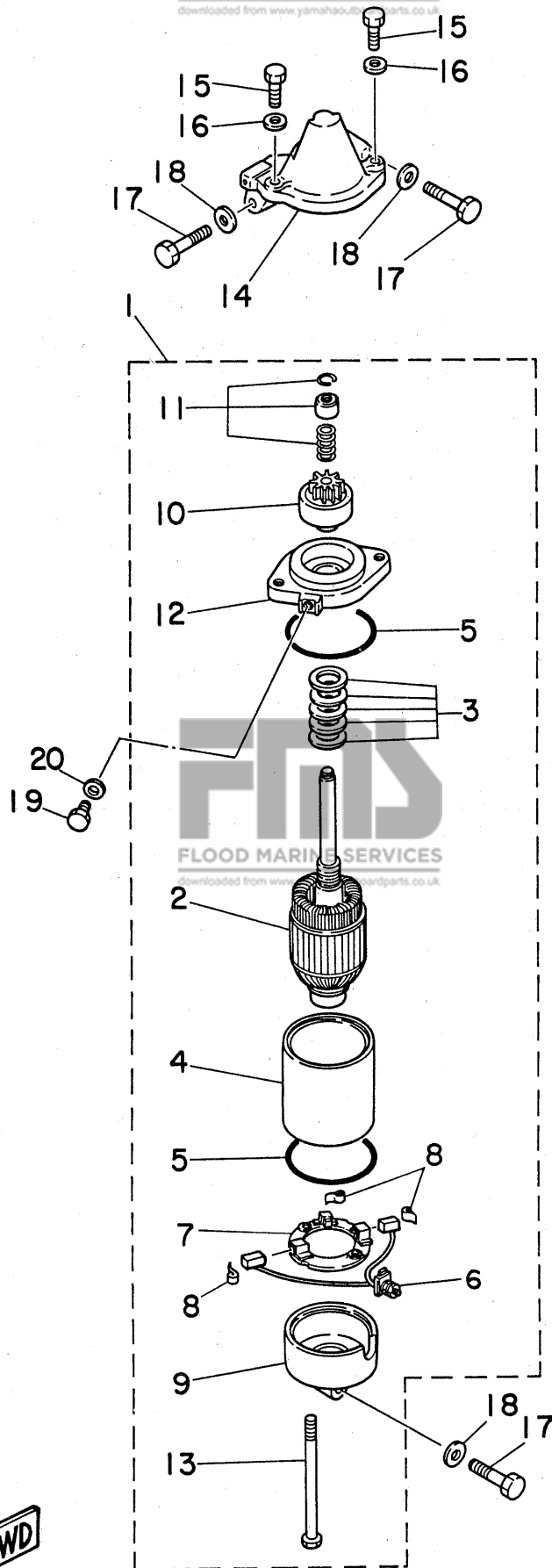


Fig. 16 ELECTRIC MOTOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-81800-11	ELECTRIC MOTOR ASS'Y	1	11	6E5-81857-10	. PINION STOPPER SET	1
2	6E5-81850-10	. ARMATURE ASS'Y	1	12	6E5-81830-10	. FRONT BRACKET ASS'Y	1
3	6E5-81809-10	. WASHER KIT	1	13	6E5-81826-10	. BOLT 1	2
4	6E5-81810-10	. STATOR ASS'Y	1	14	6E5-81822-01-98	BRACKET, electric motor	1
5	6E5-81847-10	. O-RING	2	15	97313-08025	BOLT	2
6	6E5-81801-10	. BRUSH ASS'Y (+)	1	16	92903-08600	WASHER	2
7	6E5-81840-10	. BRUSH HOLDER ASS'Y (-)	1	17	97313-08045	BOLT	3
8	6E5-81813-10	. SPRING, brush	3	18	92903-08600	WASHER	3
9	6E5-81820-10	. REAR BRACKET ASS'Y	1	19	97395-08016	BOLT	1
10	6E5-81807-11	. PINION ASS'Y (9T)	1	20	92990-08600	WASHER	1

Fig. 17 ELECTRIC PARTS I

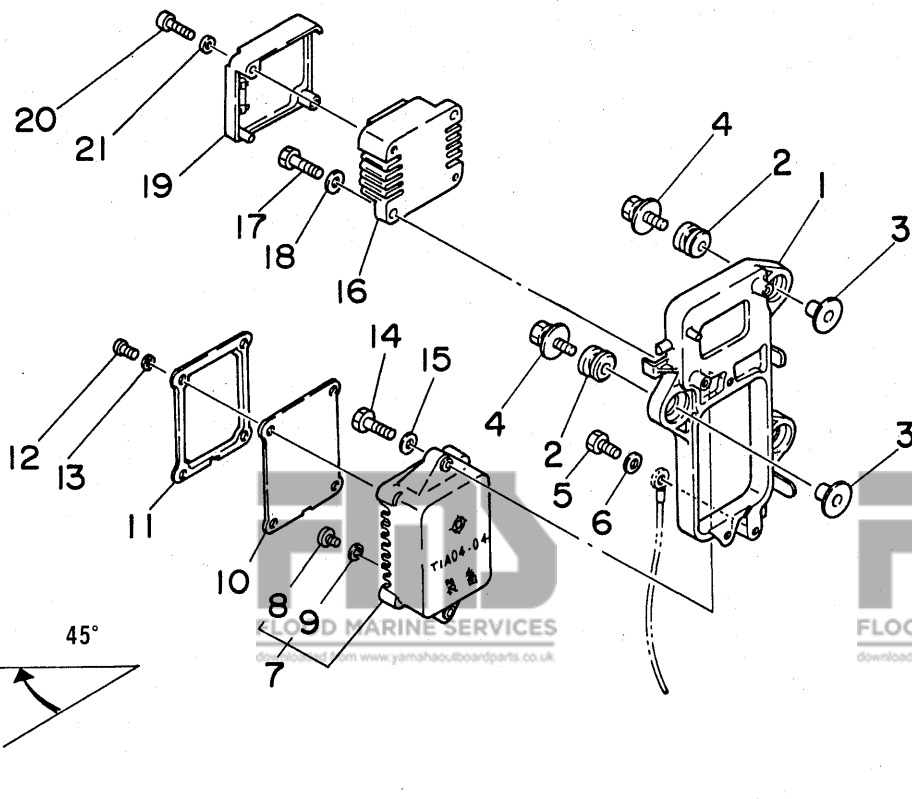


Fig. 17 ELECTRIC PARTS 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-85542-00-94	BRACKET	1	12	97803-05010	SCREW, panhead	4
2	90480-09M12	GROMMET	3	13	92903-05600	WASHER	4
3	90387-06M03	COLLAR	3	14	97313-06025	BOLT	2
4	90119-06M28	BOLT, with washer	3	15	92903-06600	WASHER	2
5	97395-06016	BOLT	1	16	688-81960-60	RECTIFIER & REGULATOR ASS'Y	1
6	92990-06600	WASHER	1	17	97313-06020	BOLT	2
7	6E5-85540-10	C.D.I. UNIT ASS'Y	1	18	92903-06600	WASHER	2
8	98503-04008	. SCREW, panhead	16	19	688-81961-00	COVER, rectifier & regulator	1
9	92990-04200	. WASHER	16	20	97803-05025	SCREW, panhead	2
10	6E5-85547-10	DAMPER	1	21	92903-05600	WASHER	2
11	6E5-85537-10	COVER	1				

Fig. 18 ELECTRIC PARTS 2

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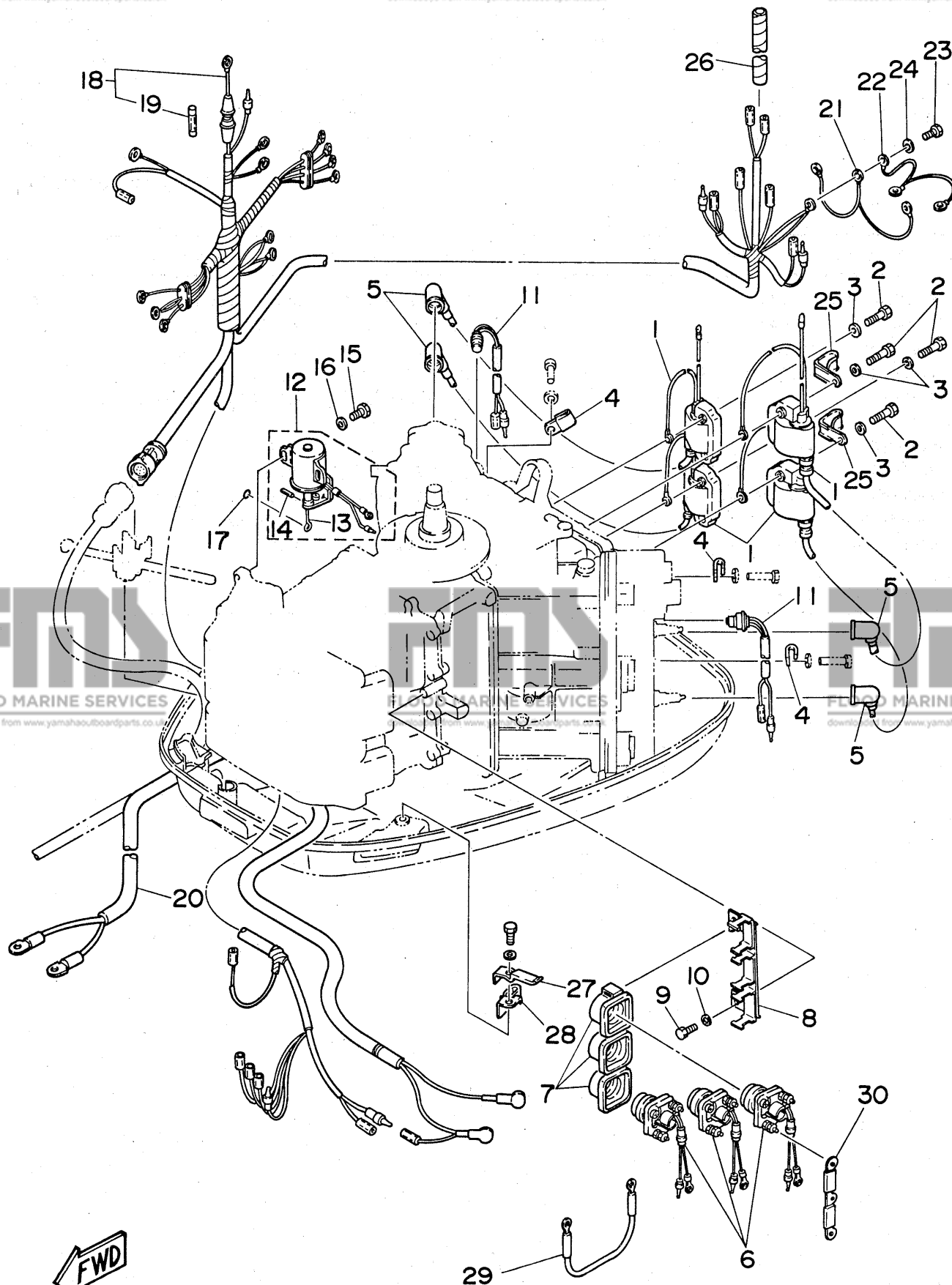
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Fig. 18 ELECTRIC PARTS 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-85570-10	IGNITION COIL ASS'Y	4	16	92903-06600	WASHER	2
2	97313-06030	BOLT	8	17	93210-03261	O-RING	1
3	92903-06600	WASHER	8	18	6E5-82590-01	WIRE HARNESS ASS'Y	1
4	90465-08M07	CLAMP	4	19	663-82151-00	. FUSE (12V-20A)	1
5	663-82370-01	PLUG CAP ASS'Y	4	20	6E5-82105-11	LEAD WIRE ASS'Y	1
6	6E5-81941-11	STARTER RELAY ASS'Y	3	21	6E5-82519-00	WIRE, earth lead	1
7	689-81952-10	HOLDER, starter relay	3	22	6E5-82531-00	WIRE, lead	1
8	6E5-81948-01	BRACKET	1 U.R.	23	97395-06012	BOLT	3
※	6E5-81948-10	BRACKET (Manual Tilt)	1 U.R.	24	92990-06600	WASHER	3
9	97395-06016	BOLT	2	25	90465-08M12	CLAMP	2
10	92903-06600	WASHER	2	26	90446-10M01	TUBE	1
11	688-82560-10	THERMO-SWITCH ASS'Y	2	27	90465-08M21	CLAMP	1
12	6E5-86110-01	SOLENOID COIL ASS'Y	1	28	90465-08M22	CLAMP	1
13	6E5-86116-01	. WIRE, pull	1	29	6E5-82117-00	WIRE LEAD ASS'Y	1
14	91609-30010	. PIN, spring	1	30	6G5-87149-00	CONNECTOR	1
15	97313-06016	BOLT	2				

※Not shown

Fig. 19 OIL PUMP

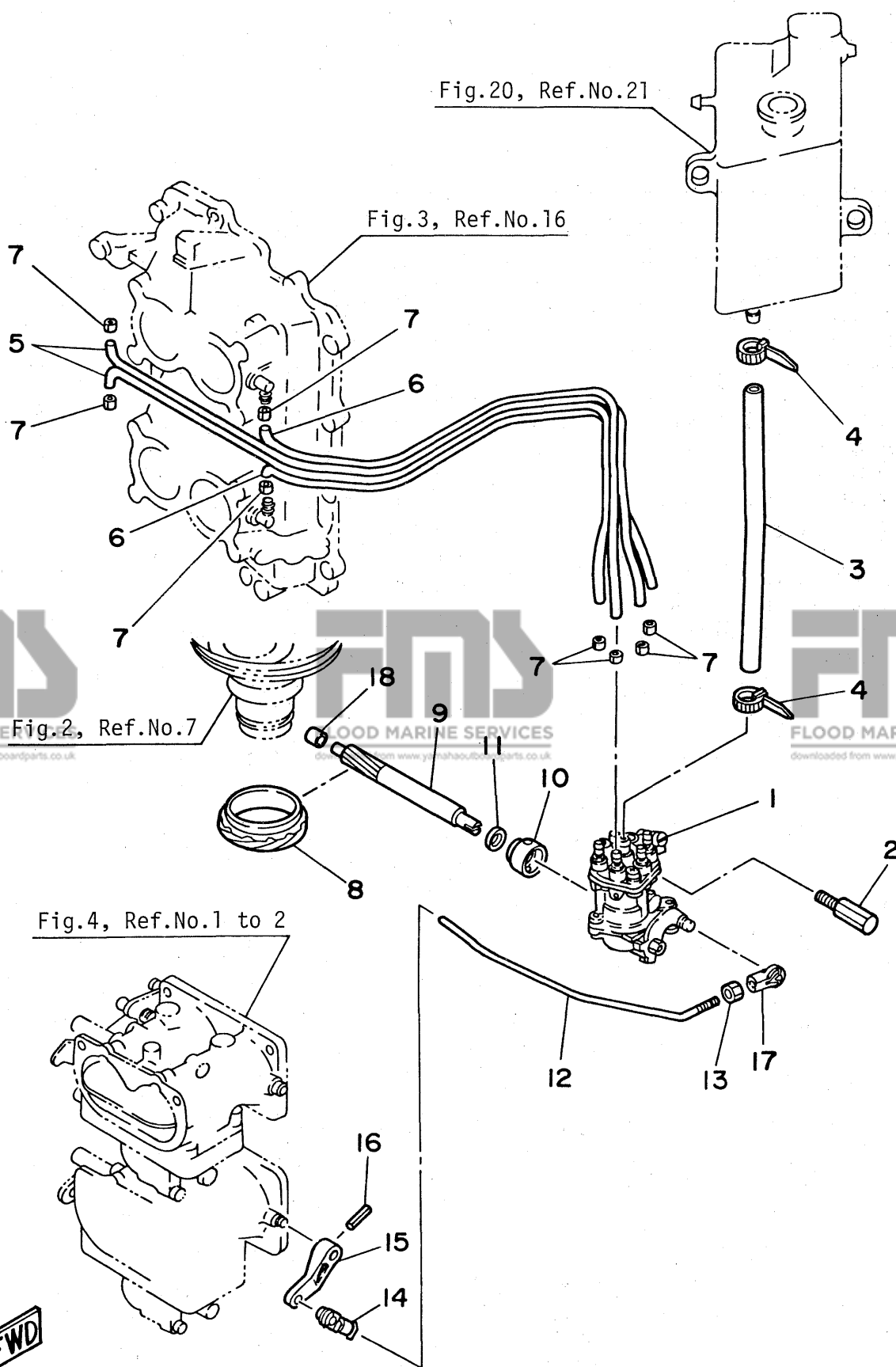


Fig. 19 OIL PUMP

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-13200-00	OIL INJECTION PUMP ASS'Y	1	10	6E5-13117-00	COLLAR, distance	1
2	90109-06M23	BOLT	2	11	90201-08M93	WASHER, plate	1
3	90445-12M60	HOSE	1	12	6E5-41241-00	ROD 1	1
4	90465-13M11	CLAMP	2	13	95303-05600	NUT	1
5	90445-07M71	HOSE	2	14	6E9-41237-00	JOINT, link 2	1
6	90445-07M73	HOSE	2	15	6E5-14276-00	LEVER 1	1
7	90468-07M01	CLIP	8	16	91690-30016	PIN, spring	1
8	6E5-11536-00	GEAR, drive	1	17	662-41237-01	JOINT, link 2	1
9	6E5-11537-00	GEAR, driven	1	18	90380-06M18	BUSHING	1

Fig. 20 OIL TANK

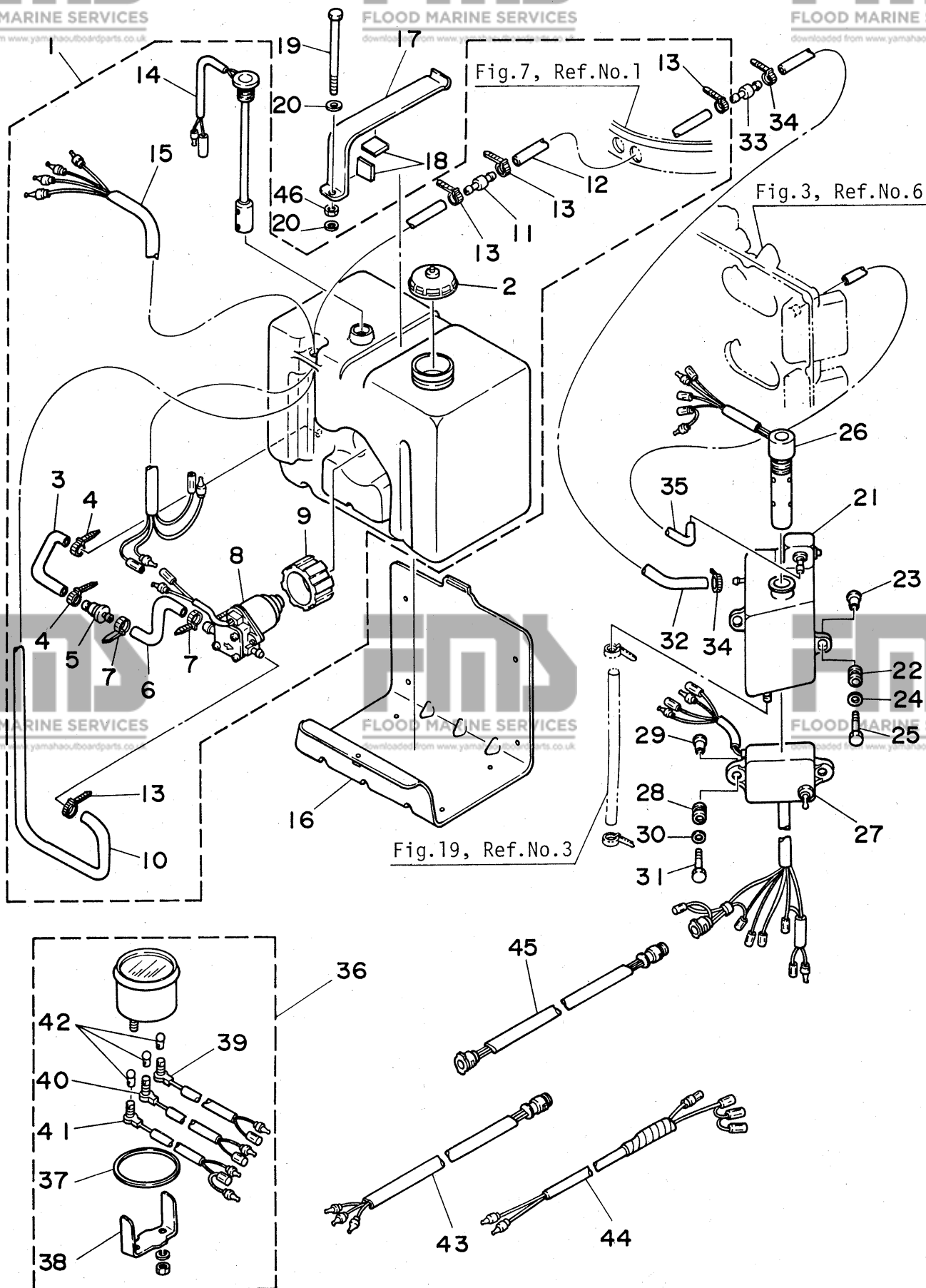
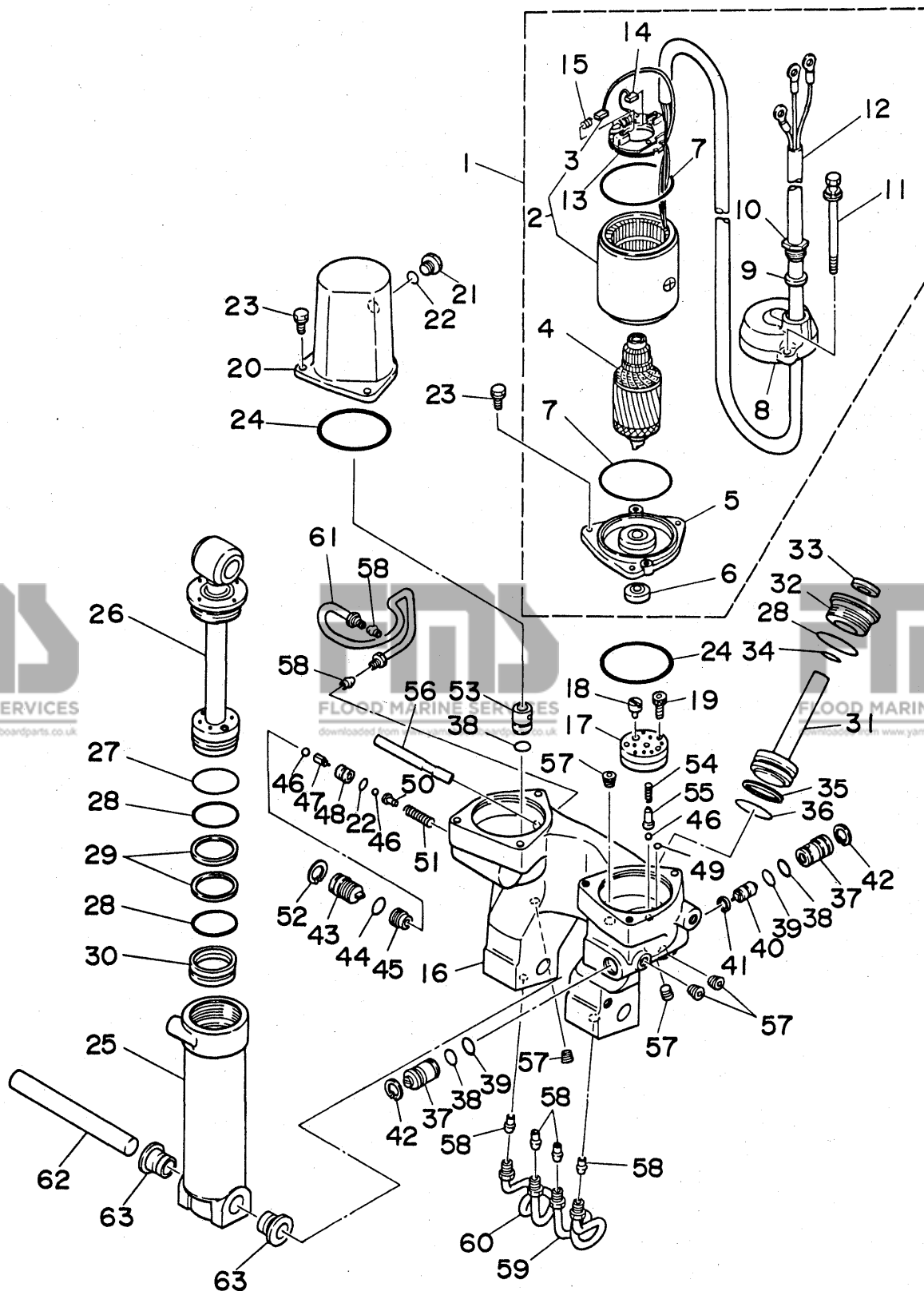


Fig. 20 OIL TANK

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-21708-00	OIL TANK SUB-ASS'Y	1	24	90201-06M62	WASHER	3
2	6E5-21770-00	. OIL TANK CAP ASS'Y	1	25	97313-06030	BOLT	3
3	6E5-24318-00	. PIPE	1	26	6E5-85730-00	OIL LEVEL GAUGE ASS'Y 2	1
4	90465-13M11	. CLAMP	2	27	6E5-85740-00	CONTROL UNIT	1
5	646-24251-01	. STRAINER	1	28	6A0-82317-00	DAMPER	2
6	6E5-24319-00	. PIPE 9	1	29	624-42542-00	PIPE	2
7	90465-13M11	. CLAMP	2	30	90201-06M62	WASHER	2
8	6E5-81900-00	. OIL FEED PUMP ASS'Y	1	31	97313-06030	BOLT	2
9	6E5-81922-00	. GROMMET 1	1	32	6E5-24323-00	PIPE 12	1
10	6E5-24321-00	. PIPE 10	1	33	6E5-24379-00	PIPE, joint	1
11	6E5-24379-00	. PIPE, joint	1	34	90465-13M11	CLAMP	2
12	90445-11M88	. HOSE	1	35	90445-05M61	HOSE	1
13	90465-13M11	. CLAMP	4	36	6E5-84301-00	OIL LEVEL WARNING LAMP	1
14	6E5-85720-00	. OIL LEVEL GAUGE ASS'Y 1	1	37	688-83523-00	. DAMPER	1
15	6E5-85721-00	. WIRE, lead	1	38	688-83514-00	. PLATE, fitting	1
16	6E5-21734-00-33	HOLDER, sub oil tank	1	39	6E5-83536-00	. SOCKET CORD ASS'Y 1	1
17	6E5-21798-00-33	BRACKET, damper	1	40	6E5-83536-10	. SOCKET CORD ASS'Y 2	1
18	6E5-21746-00	DAMPER	2	41	6E5-83536-21	. SOCKET CORD ASS'Y 3	1
19	97313-06100	BOLT	1	42	688-83516-10	. BULB (12V-3.4W)	3
20	92903-06600	WASHER	2	43	6E5-82551-00	WIRE, lead	1
21	6E5-21750-00	OIL TANK ASS'Y	1	44	6E5-84348-00	WIRE, lead	1
22	6A0-82317-00	DAMPER	3	45	6E5-83553-00	WIRE, lead	1
23	624-42542-00	PIPE	3	46	95390-06600	NUT	1

Fig. 21 POWER TRIM & TILT ASS'Y



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Fig. 21 POWER TRIM & TILT ASS'Y

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
※	6E5-43800-01-EJ	POWER TRIM & TILT ASS'Y (See Fig. 9, Ref. No. 1)	1	32	6E5-43821-00	. SCREW, trim cylinder end	2
1	688-43880-10	. MOTOR ASS'Y	1	33	6E5-43822-00	. SEAL, trim dust	2
2	688-43804-01	. . STATOR ASS'Y	1	34	93210-16M40	. O-RING	2
3	688-43891-00	. . . BRUSH 1	1	35	6E5-43874-00	. RING, back up	2
4	688-43805-01	. . ARMATURE ASS'Y	1	36	93210-33M41	. O-RING	2
5	688-43881-01	. . FRAME, end	1	37	688-43802-00	. VALVE SUB ASS'Y (Main)	2
6	688-43882-00	. . OIL SEAL	1	38	688-43864-00	. O-RING	3
7	688-43883-00	. . O-RING	2	39	688-43865-00	. O-RING	2
8	688-43884-02	. . FRAME, commutator end	1	40	688-43841-00	. PISTON, shuttle	1
9	688-43885-01	. . GROMMET	1	41	688-43873-00	. RING, back up	1
10	688-43886-02	. . BOLT	1	42	688-43876-00	. RING, snap	2
11	688-43887-01	. . BOLT, through	2	43	688-43845-00	. SCREW, manual release	1
12	688-43807-10	. . WIRE SUB ASS'Y	1	44	688-43866-00	. O-RING	1
13	688-43806-01	. . BRUSH HOLDER ASS'Y	1	45	688-43846-00	. SCREW, manual valve seat	1
14	688-43891-00	. . BRUSH 2	1	46	688-43858-00	. BALL	3
15	90501-05M46	. . SPRING, brush	1	47	688-43848-00	. ROD, manual release	1
16	6E5-43825-00	. HOUSING, trim & tilt	1	48	688-43847-00	. SEAT, manual valve	1
17	688-43830-00	. GEAR PUMP ASS'Y	1	49	688-43868-00	. O-RING	1
18	688-43831-00	. CONNECTOR, shaft	1	50	6E5-43849-00	. PIN, valve support	1
19	688-43878-00	. BOLT, socket	3	51	6E5-43854-00	. SPRING, manual release	1
20	688-43828-00	. BODY, reservoir	1	52	688-48375-00	. RING, snap	1
21	688-43829-01	. PLUG, reservoir	1	53	6E5-43850-00	. VALVE SUB ASS'Y (Upper Relief)	1
22	688-43869-00	. O-RING	2	54	688-43856-00	. SPRING, down relief	1
23	688-43879-00	. SCREW, with washer	6	55	688-43844-01	. PIN, valve support	1
24	688-43867-00	. O-RING	2	56	688-43838-00	. PIPE, intake	1
25	6E5-43813-00	. CYLINDER, tilt	1	57	688-43826-00	. PLUG, taper screw	5
26	6E5-43810-01	. PISTON SUB ASS'Y (Tilt)	1	58	688-43832-00	. SEAT, union	6
27	688-43863-00	. O-RING	1	59	6E5-43833-00	. PIPE	1
28	688-43862-00	. O-RING	4	60	6E5-43834-00	. PIPE	1
29	688-43872-00	. RING, back up	2	61	688-43835-00	. PIPE	1
30	6E5-43814-00	. PISTON, free	1	62	6E5-43818-00	. PIN, lower shock mount	1
31	6E5-43820-01	. PISTON SUB ASS'Y (Trim)	2	63	90386-18M14	. BUSHING	2

※Not shown

Fig. 22 REPAIR KIT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-W0093-01	CARBURETOR REPAIR SET	1	47	6E5-14384-02	. GASKET, float chamber	2
2	6E5-14483-00	. GASKET, plate	1	48	6E5-W0001-20	LOWER UNIT GASKET KIT	1
3	6E5-14198-00	. GASKET	2	49	6E5-41134-00	. GASKET, exhaust manifold 2	1
4	97803-05013	. SCREW, panhead	2	50	6E5-45114-00	. GASKET, upper casing 2	1
5	6E5-14384-01	. GASKET, float chamber	2	51	6E5-45123-00	. GASKET, muffler	1
6	6E5-14385-00	. FLOAT ASS'Y	2	52	6E5-41135-00	. GASKET, exhaust manifold 3	1
7	6E5-14386-01	. PIN, float	2	53	6E5-44365-00	. RUBBER, water seal 1	1
8	1J2-14398-00	. GASKET	4	54	6E5-44366-00	. RUBBER, water seal 2	1
9	6E5-14390-20	. VALVE SEAT ASS'Y	2	55	90430-08020	. GASKET	2
10	6E5-14398-00	. GASKET	2	56	93210-58144	. O-RING	1
11	6E5-14323-00	. SCREW, air adjusting	4	57	93106-09014	. OIL SEAL	1
12	682-41291-00	. BUSHING	1	58	93210-86M38	. O-RING	1
13	1J2-14397-00	. O-RING	4	59	93210-37160	. O-RING	1
14	367-14195-00	. GASKET	2	60	6E5-44315-00	. GASKET, water pump	1
15	6E5-W0001-01	POWER HEAD GASKET KIT	1	61	93101-28M16	. OIL SEAL	2
16	6E5-14416-00	. GASKET, air cleaner	1	62	93210-55M14	. O-RING	1
17	6E5-14483-00	. GASKET, plate	1	63	93210-86M39	. O-RING	1
18	6E5-14198-00	. GASKET	2	64	93101-30M17	. OIL SEAL	2
19	6E5-11381-00	. GASKET, cover	1	65	6F3-W0001-20	LOWER UNIT GASKET KIT	1
20	6E5-11181-02	. GASKET, cylinder head	2	66	6G5-41134-00	. GASKET, exhaust manifold 2	1
21	6E5-11193-01	. GASKET, head cover	2	67	6G5-45114-00	. GASKET, upper casing 2	1
22	688-12414-00	. GASKET, thermostat cover	2	68	6E5-41135-00	. GASKET, exhaust manifold 3	1
23	6E5-41112-00	. GASKET, exhaust cover	2	69	90430-08020	. GASKET	2
24	93102-40M14	. OIL SEAL	1	70	6E5-45123-00	. GASKET, muffler	1
25	93211-04M36	. O-RING	2	71	6E5-44365-00	. RUBBER, water seal 1	1
26	93102-35M13	. OIL SEAL	1	72	6E5-44366-00	. RUBBER, water seal 2	1
27	93101-22M15	. OIL SEAL	1	73	93210-58144	. O-RING	1
28	93210-74M35	. O-RING	1	74	93106-09014	. OIL SEAL	1
29	6E5-45113-00	. GASKET, upper casing 1	1	75	93210-37160	. O-RING	1
30	6F3-W0001-01	POWER HEAD GASKET KIT	1	76	93210-86M38	. O-RING	1
31	93102-35M13	. OIL SEAL	1	77	6E5-44315-00	. GASKET, water pump	1
32	93101-22M15	. OIL SEAL	1	78	93101-28M16	. OIL SEAL	2
33	93210-74M35	. O-RING	1	79	93210-55M14	. O-RING	1
34	6E5-11381-00	. GASKET, cover	1	80	93210-86M39	. O-RING	1
35	6E5-11181-02	. GASKET, cylinder head	2	81	93101-30M17	. OIL SEAL	2
36	6E5-11193-01	. GASKET, head cover	2	82	6E5-W0078-00	WATER PUMP REPAIR KIT	1
37	688-12414-00	. GASKET, thermostat cover	2	83	6E5-44322-00	. INSERT, cartridge	1
38	6E5-41112-00	. GASKET, exhaust cover	2	84	93210-86M38	. O-RING	1
39	93102-40M14	. OIL SEAL	1	85	93210-37160	. O-RING	1
40	93211-04M36	. O-RING	2	86	6E5-44352-00	. IMPELLER	1
41	6E5-13621-00	. PACKING, valve seat	4	87	6E5-44323-00	. OUTER PLATE, cartridge	1
42	6E5-13645-00	. GASKET, intake manifold	1	88	6E5-44315-00	. GASKET, water pump	1
43	6E5-14198-00	. GASKET	2	89	93606-12019	. PIN, dowel B	1
44	6E5-14483-00	. GASKET, plate	1	90	97395-08045	. BOLT	4
45	6E5-14416-00	. GASKET, air cleaner	1	91	90209-08M02	. WASHER	4
46	6G5-45113-00	. GASKET, upper casing	1	92	90280-04M05	. KEY, woodruff	1

150A(6G4)
175A(6G5)
200A(6G6)

**150A
175A
200A**

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Fig. 1 CRANKCASE & CYLINDER

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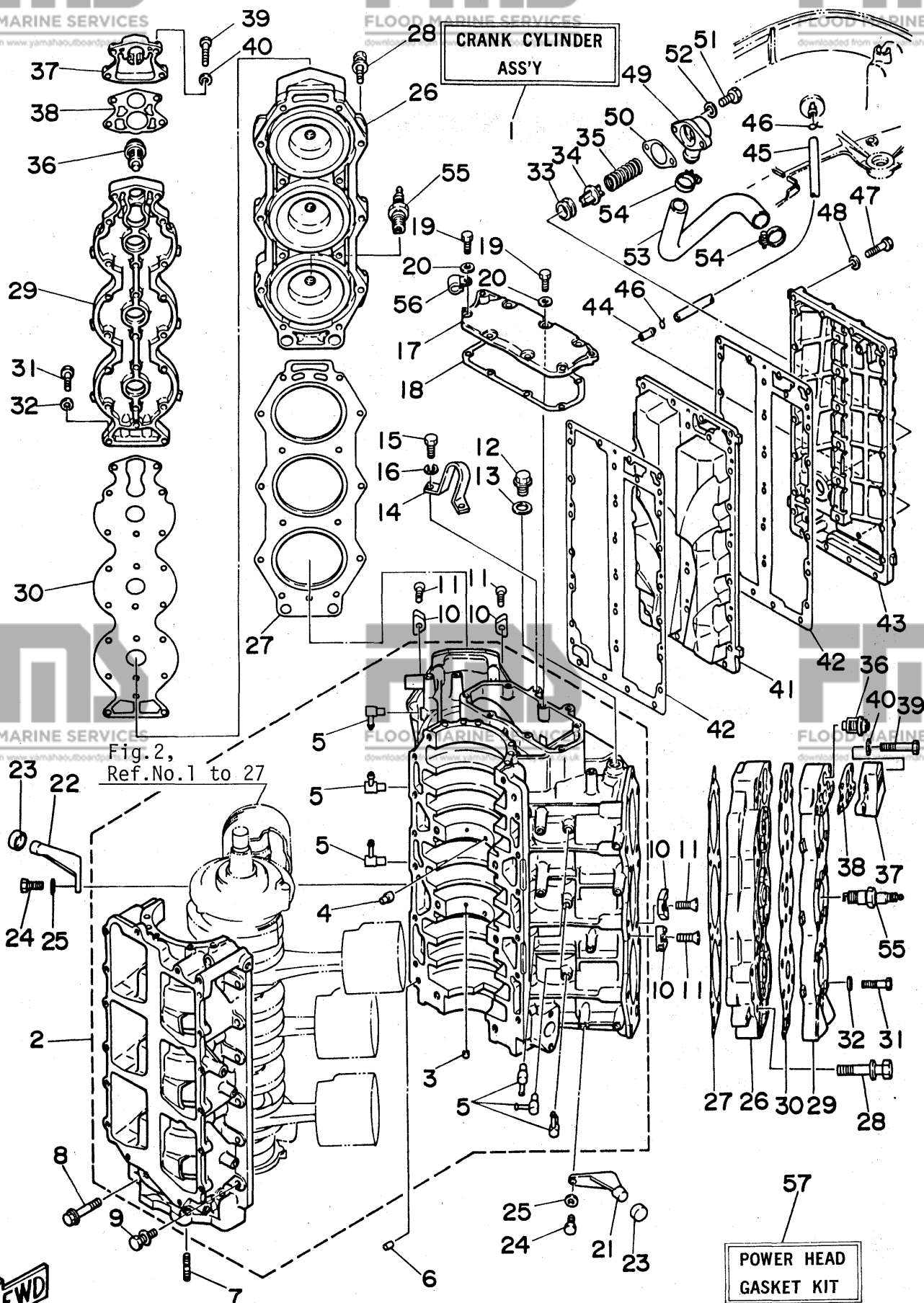
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Fig. 1 CRANKCASE & CYLINDER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G5-W0090-10-EJ	CRANK CYLINDER ASS'Y (175A/200A Model) (Ref. No. 2 to 56 and Fig. 2, Ref. No. 1 to 27)	1 U.R.	28	90119-08M21	BOLT, with washer	28
※	6G4-W0090-10-EJ	CRANK CYLINDER ASS'Y (150A Model)(Ref. No. 2 to 56 and Fig. 2, Ref. No. 1 to 27)	1 U.R.	29	6G5-11191-00-9M	COVER, cylinder head	2
2	6G5-15100-00-94	CRANKCASE ASS'Y (175A/200A Model)	1 U.R.	30	6G5-11193-01	GASKET, head cover	2
※	6G4-15100-00-94	CRANKCASE ASS'Y (150A Model)	1 U.R.	31	97313-06030	BOLT	36
3	624-11379-00	. VALVE, check	2	32	92903-06600	WASHER	36
4	663-11518-01	. LOCK, bearing	2	33	90480-20M05	GROMMET	1
5	646-11370-00	. CHECK VALVE ASS'Y	6	34	6G5-12416-00	VALVE, pressure control	1
6	93608-12063	PIN, dowel B	2	35	90501-16M11	SPRING, compression	1
7	90116-08M14	BOLT, stud	2	36	6E5-12411-00	THERMOSTAT	2
8	90105-10M20	BOLT	8	37	6G5-12413-00-9M	COVER, thermostat	2
9	90119-08M23	BOLT, with washer	12	38	688-12414-00	GASKET, thermostat cover	2
10	6E5-11325-00	ANODE	8	39	97313-06045	BOLT	8
11	98680-04016	SCREW, ovalhead	8	40	92903-06600	WASHER	8
12	90340-14M00	PLUG, straight screw	1	41	6G5-41111-00-9M	INNER COVER, eshaust	1
13	90430-14115	GASKET	1	42	6G5-41112-00	GASKET, exhaust cover	2
14	6E5-11119-00	HANGER, engine	1	43	6G5-41113-00-9M	OUTER COVER, exhaust	1
15	97313-08020	BOLT	2	44	650-24378-00	PIPE, joint 3	1
16	92903-08100	WASHER	2	45	6E5-24312-00	HOSE 2	1
17	6E5-11371-00-9M	COVER	1	46	90467-08004	CLIP	2
18	6E5-11381-00	GASKET, cover	1	47	97313-06035	BOLT	29
19	97313-06020	BOLT	7	48	92903-06600	WASHER	29
20	92903-06600	WASHER	7	49	6G5-11372-00	COVER, by-pass	1
21	6E5-42761-00-94	STOPPER 1	1	50	6G5-11382-00	GASKET, by-pass	1
22	6E5-42762-00-94	STOPPER 2	1	51	97313-06020	BOLT	2
23	663-44533-00	DAMPER	2	52	92990-06600	WASHER	2
24	97313-06020	BOLT	4	53	6G5-12576-00	HOSE 1	1
25	92903-06600	WASHER	4	54	90465-13M18	CLAMP	2
26	6G5-11111-00-94	HEAD, cylinder (175A/200A Model)	2 U.R.	55	94701-00160	PLUG, spark (B8HS 10) NGK (175A/200A Model)	6 U.R.
※	6G4-11111-00-94	HEAD, cylinder (150A Model)	2 U.R.	※	94701-00217	PLUG, spark (B7HS 10) NGK (150A Model)	6 U.R.
27	6G5-11181-01	GASKET, cylinder head	2	56	90465-08M07	CLAMP	1
				■57	6G5-W0001-01	POWER HEAD GASKET KIT	1

※Not shown

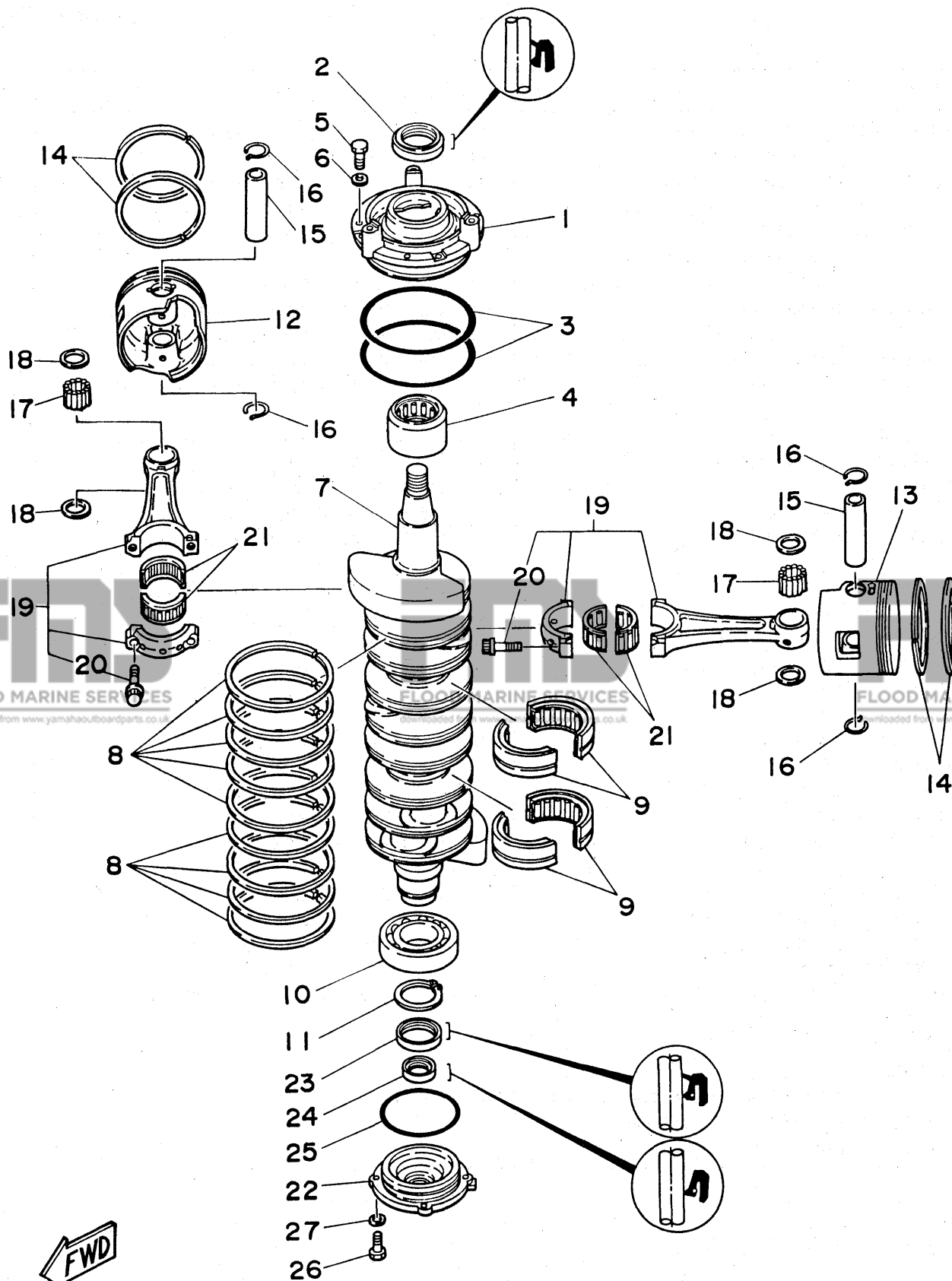
■See Fig. 21 for detail service parts.

Fig. 2 CRANK & PISTON

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150A/175A/200A

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Fig. 2 CRANK & PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-15163-00-94	HOUSING, bearing 1	1	14	6E5-11610-01	PISTON RING SET (S.T.D.)	6
2	93102-40M14	OIL SEAL	1	※	6E5-11610-11	PISTON RING SET (1st O.S.)	6 A.P.
3	93211-04M36	O-RING	2	※	6E5-11610-21	PISTON RING SET (2nd O.S.)	6 A.P.
4	93311-940U3	BEARING, needle	1	15	6E5-11633-01	PIN, piston	6
5	97313-06020	BOLT	4	16	6E5-11634-00	CLIP, piston pin	12
6	92903-06600	WASHER	4	17	93603-21111	BEARING, con-rod small end	180
7	6G5-11411-00	SHAFT, crank 1	1	18	90201-21M75	WASHER	12
8	6E5-11447-00	SEAL, ring	9	19	6E5-11650-01	CONNECTOR ROD ASS'Y	6
9	93310-954V3	BEARING, needle	2	20	90109-08462	. BOLT	12
10	93306-208U0	BEARING (B6208)	1	21	93310-836V2	BEARING, needle	6
11	93410-40M03	CIRCLIP	1	22	6G5-15359-00-94	HOUSING, oil seal	1
12	6G5-11631-00-93	PISTON 1 (S.T.D.)	3	23	93102-35M13	OIL SEAL	1
※	6G5-11635-00	PISTON 1 (1st O.S.)	3 A.P.	24	93101-22M15	OIL SEAL	1
※	6G5-11636-00	PISTON 1 (2nd O.S.)	3 A.P.	25	93210-74M35	O-RING	1
13	6G5-11642-00-93	PISTON 2 (S.T.D.)	3	26	97395-06020	BOLT	4
※	6G5-11645-00	PISTON 2 (1st O.S.)	3 A.P.	27	92990-06600	WASHER	4
※	6G5-11646-00	PISTON 2 (2nd O.S.)	3 A.P.				

※Not Shown

Fig. 3 INTAKE

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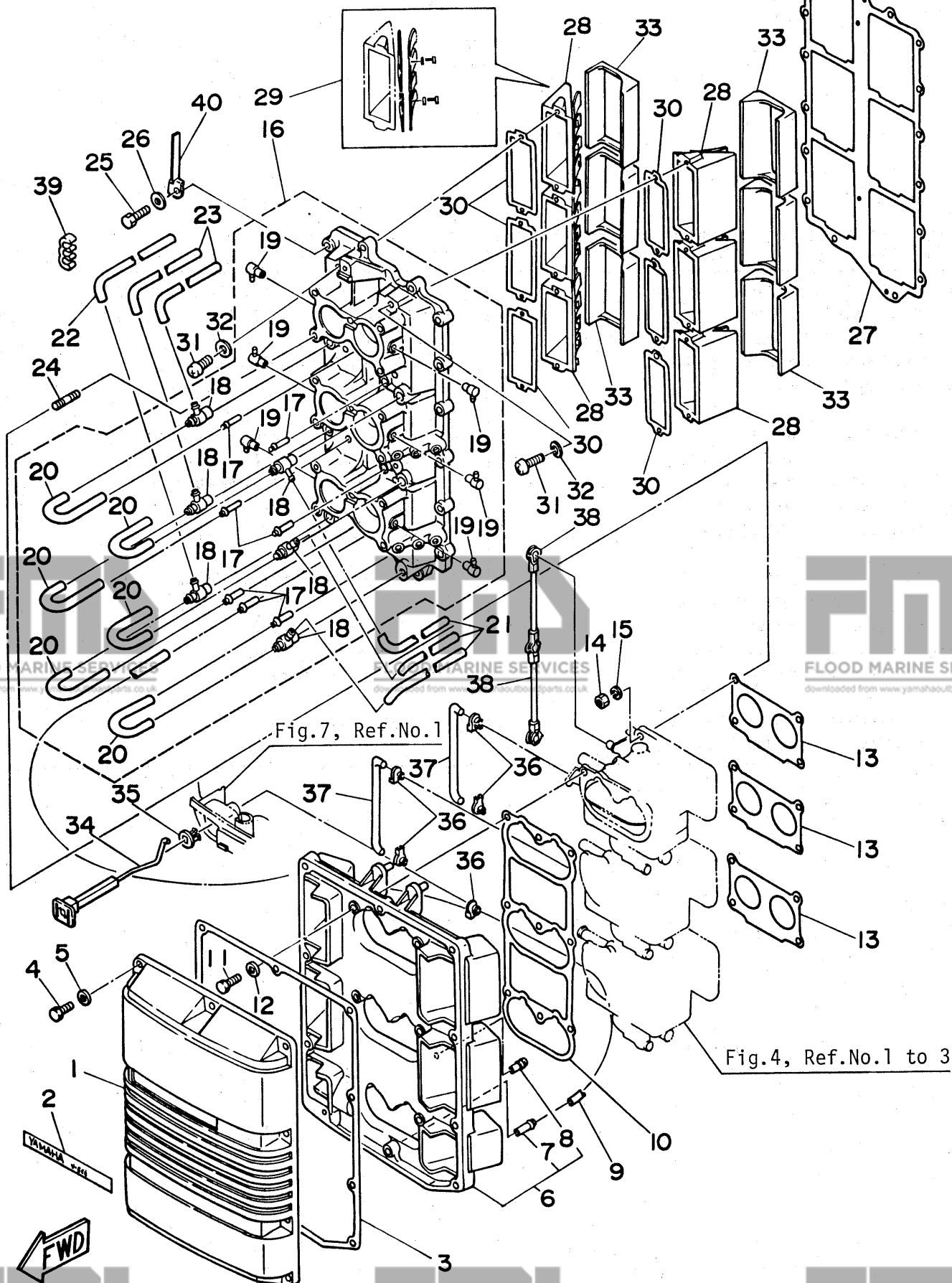
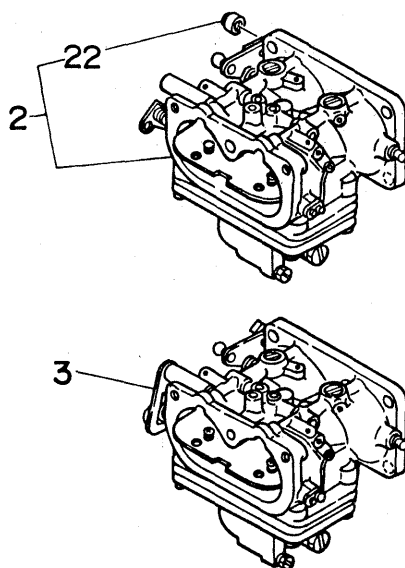
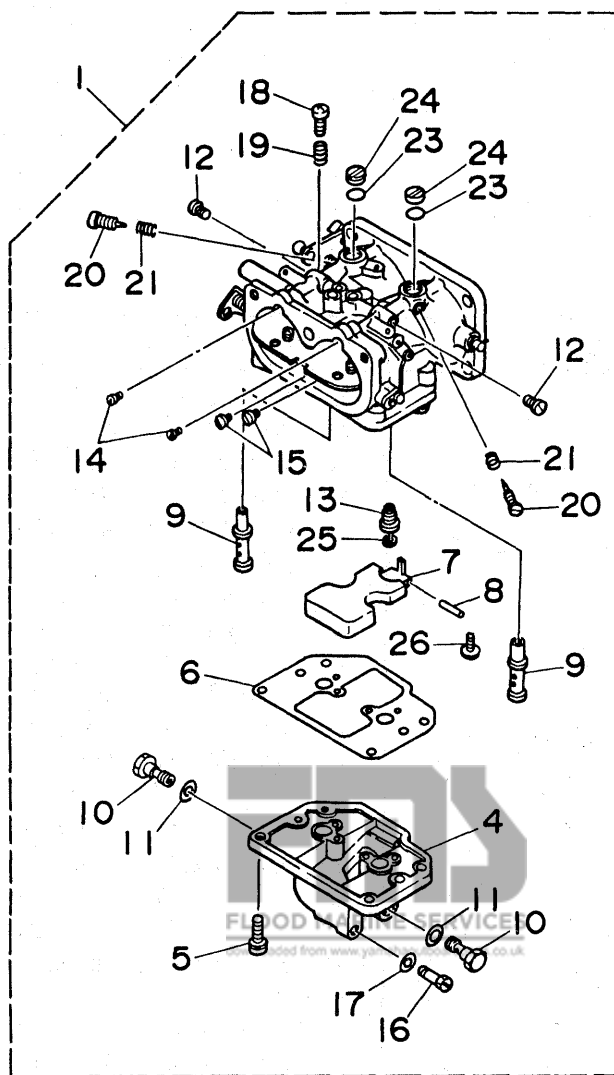


Fig. 3 INTAKE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G5-14418-00	COVER 2	1	22	90445-07M59	HOSE	1
2	6G5-1441K-00	EMBLEM 1	1	23	90445-07M46	HOSE	2
3	6G5-14416-00	GASKET, air cleaner	1	24	90116-06M08	BOLT, stud	12
4	97313-06020	BOLT	10	25	97313-06025	BOLT	16
5	92903-06600	WASHER	10	26	92903-06600	WASHER	16
6	6G5-14417-00-98	COVER 1	1	27	6G5-13645-00	GASKET, intake manifold	1
7	624-14485-00	. PIPE, joint	1	28	6G5-13610-00	REED VALVE ASS'Y (150A/175A Model)	6 U.R.
8	6E5-14485-00	. PIPE, joint	1	※	6E5-13610-00	REED VALVE ASS'Y (200A Model)	6 U.R.
9	90445-07M23	HOSE	1	29	6E5-W0004-00	. REED SET	6
10	6G5-14483-00	GASKET, plate	1	30	6E5-13621-00	PACKING, valve seat	6
11	97313-06020	BOLT	6	31	97803-05016	SCREW, panhead	12
12	92903-06600	WASHER	6	32	92903-05600	WASHER	12
13	6E5-14198-00	GASKET	3	33	6G5-13625-00	SPACER, reed valve	6
14	95303-06600	NUT	12	34	6E5-41271-00	KNOB, choke	1
15	92903-06100	WASHER	12	35	689-41273-00	GROMMET	1
16	6G5-13641-10-94	MANIFOLD, intake 1	1	36	661-41262-02	JOINT, choke lever	5
17	624-14485-00	. PIPE, joint	7	37	6E5-41256-00	ROD, choke link	2
18	6E5-11375-00	. CHECK VALVE	6	38	6G5-41217-00	ROD, accel. lever	1
19	6E5-13552-02	. NOZZLE	6	39	90464-07M05	CLAMP	2
20	90445-07M28	. HOSE	6	40	90465-07M20	CLAMP	2
21	90445-07M45	HOSE	3				

※Not shown

Fig. 4 CARBURETOR



27
**CARBURETOR
 REPAIR SET**



150A/175A/200A

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Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G4-14301-01	CARBURETOR ASS'Y (Upper) (150A Model)	1 U.R.	11	1J2-14398-00	. GASKET	6
※	6G5-14301-01	CARBURETOR ASS'Y (Upper) (175A Model)	1 U.R.	12	6G4-14342-47	. JET, pilot (#94) (175A/200A Model)	6 U.R.
※	6G6-14301-01	CARBURETOR ASS'Y (Upper) (200A Model)	1 U.R.	※	6G4-14342-45	. JET, pilot (#90)(150A Model)	6 U.R.
2	6G4-14302-01	CARBURETOR ASS'Y (Center) (150A Model)	1 U.R.	13	6E5-14390-20	. VALVE SEAT ASS'Y	3
※	6G5-14302-01	CARBURETOR ASS'Y (Center) (175A Model)	1 U.R.	14	6E5-14347-25	. JET, air slow (150A/175A Model)	6 U.R.
※	6G6-14302-01	CARBURETOR ASS'Y (Center) (200A Model)	1 U.R.	※	6E5-14347-30	. JET, air slow (200A Model)	6 U.R.
3	6G4-14303-01	CARBURETOR ASS'Y (Lower) (150A Model)	1 U.R.	15	6E5-14337-45	. JET, air main (0.9ø) (175A Model)	6 U.R.
※	6G5-14303-01	CARBURETOR ASS'Y (Lower) (175A Model)	1 U.R.	※	6E5-14337-65	. JET, air main (1.3ø) (150A Model)	6 U.R.
※	6G6-14303-01	CARBURETOR ASS'Y (Lower) (200A Model)	1 U.R.	※	6E5-14337-80	. JET, air main (1.6ø) (200A Model)	6 U.R.
4	6G4-14381-00	. BODY, float chamber	3	16	6E5-14383-00	. SCREW, drain	3
5	97803-05017	. SCREW, panhead	12	17	6E5-14398-00	. GASKET	3
6	6E5-14384-01	. GASKET, float chamber	3	18	650-14321-00	. SCREW, throttle (Upper)	1
7	6E5-14385-00	. FLOAT ASS'Y	3	19	647-14334-00	. SCREW, air adjusting (Upper)	1
8	6E5-14386-01	. PIN, float	3	20	6G5-14323-00	. SCREW, air adjusting	6
9	6G5-14341-00	. NOZZLE, main (150A/175A Model)	6 U.R.	21	650-14223-00	. SPRING	6
※	6G6-14341-00	. NOZZLE, main (200A Model)	6 U.R.	22	682-41291-00	. BUSHING (Center)	1
10	6E5-14343-63	. JET, main (#125) (150A/175A Model)	6 U.R.	23	617-24565-00	. O-RING	6
※	6E5-14343-78	. JET, main (#155) (200A Model)	6 U.R.	24	6G5-14328-00	. SCREW, pilot stop	3
				25	367-14195-00	. GASKET	3
				26	98902-04010	. SCREW	3
				♣27	6G5-W0093-00	CARBURETOR REPAIR SET	1

※Not shown

♣See Fig. 21 for detail service parts.

Fig. 5 FUEL

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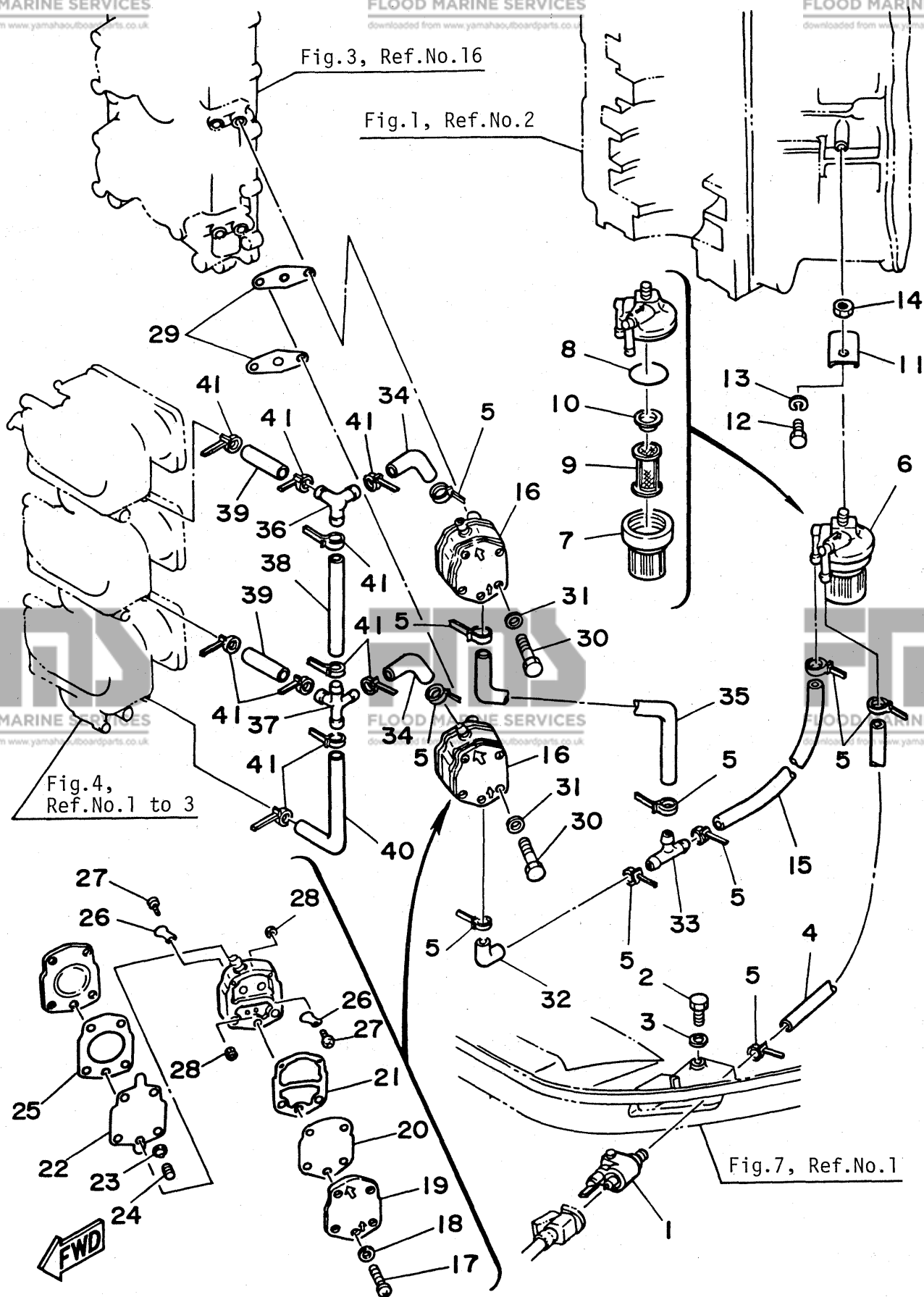
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Fig. 5 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-24304-00-94	FUEL PIPE JOINT COMP. 1	1	22	6E5-24411-00	. DIAPHRAGM	2
2	97313-06020	BOLT	1	23	648-24424-00	. PLATE, spring guide	2
3	92903-06600	WASHER	1	24	6E5-24423-00	. SPRING, diaphragm	2
4	6G5-24313-00	HOSE 3	1	25	6E5-24434-00	. GASKET, body 1	2
5	90465-13M11	CLAMP	10	26	6A0-24421-01	. VALVE, check	8
6	6E5-24560-00	FILTER ASS'Y	1	27	98501-03006	. SCREW, panhead	8
7	655-24521-00	. CUP, filter	1	28	98813-03100	. NUT	8
8	93210-37M25	. O-RING	1	29	650-24431-00	GASKET, fuel pump	2
9	655-24563-00	. ELEMENT, filter	1	30	97313-06050	BOLT	2
10	655-24564-00	. PACKING, filter	1	31	92903-06600	WASHER	2
11	648-24566-01	BRACKET, filter	1	32	6E5-24315-00	HOSE 5	1
12	97313-06014	BOLT	1	33	6E5-24378-00	PIPE, joint 3	1
13	92903-06100	WASHER	1	34	6E5-24316-00	HOSE 6	2
14	95303-08600	NUT	1	35	6G5-24315-00	HOSE 5	1
15	6G5-24314-00	HOSE 4	1	36	6G5-24376-00	PIPE, joint 1	1
16	6E5-24410-00	FUEL PUMP ASS'Y	2	37	6G5-24377-00	PIPE, joint 2	1
17	98503-05035	. SCREW, panhead	6	38	6G5-24317-00	PIPE 7	1
18	92903-05600	. WASHER	6	39	6G5-24318-00	PIPE 8	2
19	6E5-24413-00	. COVER, pump	2	40	6G5-24319-00	PIPE 9	1
20	6E5-24471-00	. DIAPHRAGM	2	41	90465-13M11	CLAMP	10
21	6E5-24435-00	. GASKET, body 2	2				

Fig. 6 TOP COWLING

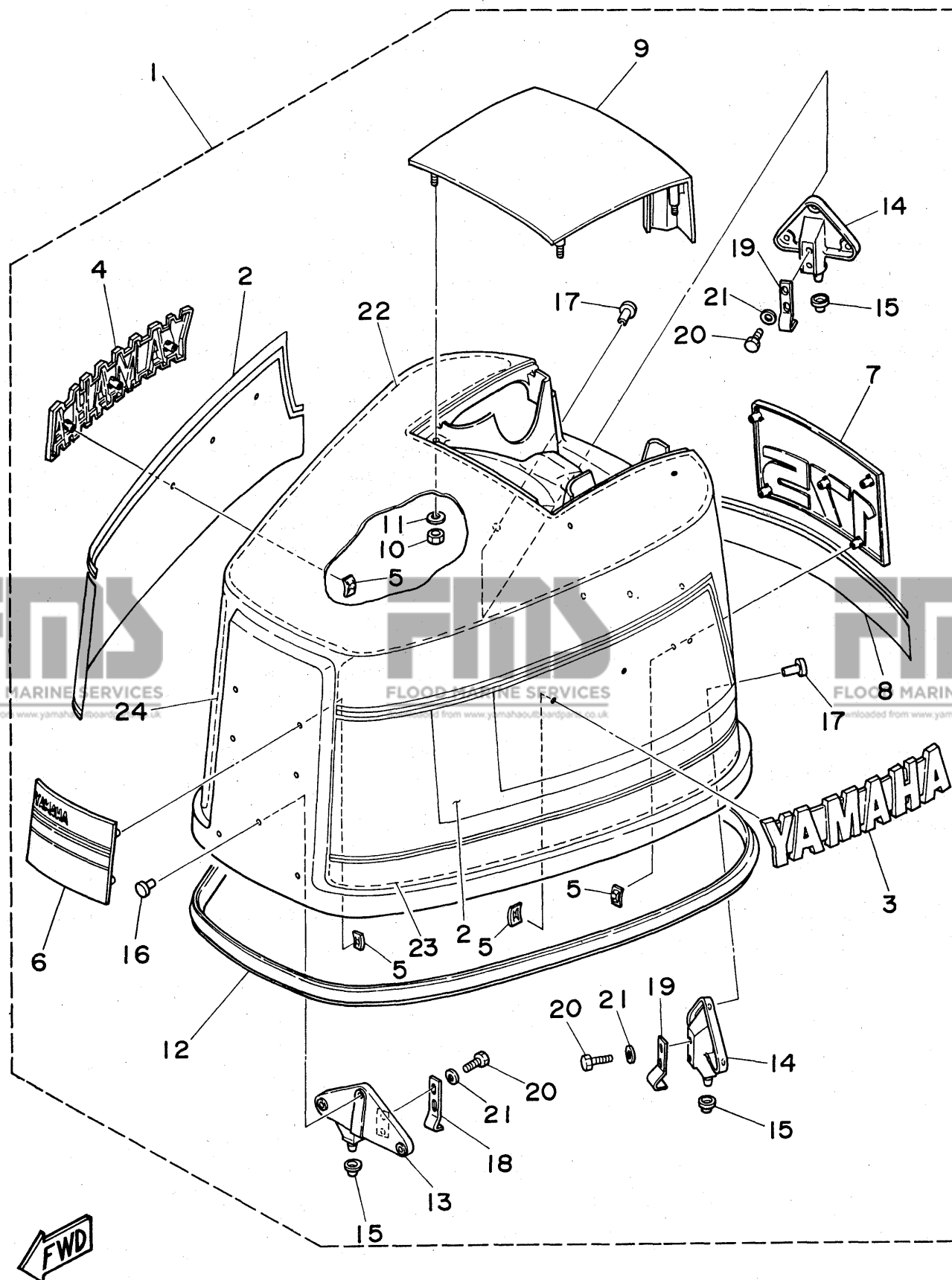
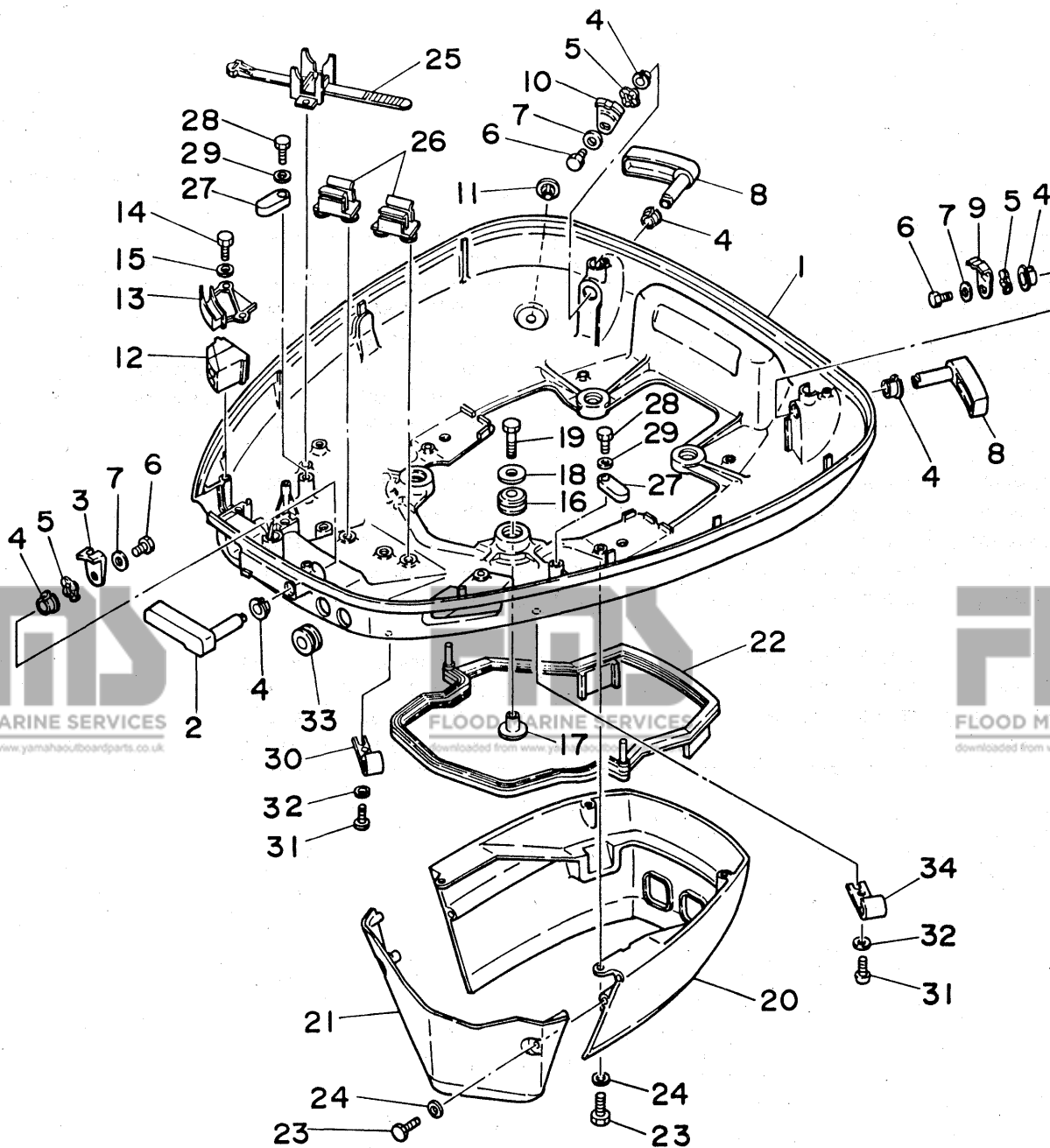


Fig. 6 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G5-42610-G0-EJ	TOP COWLING ASS'Y (175A Model)	1 U.R.	11	92990-06600	. WASHER	4
※	6G4-42610-G0-EJ	TOP COWLING ASS'Y (150A Model)	1 U.R.	12	6E5-42615-00	. SEAL	1
※	6G6-42610-G0-EJ	TOP COWLING ASS'Y (200A Model)	1 U.R.	13	6E5-42647-00-94	. HOLDER, clamp band 1	1
2	6G5-W0070-E0	. GRAPHIC SIDE SET	1	14	6E5-42649-01-94	. HOLDER, CLAMP band 2	2
3	6G5-42681-00	. MARK, cowling 1	1	15	663-42662-00	. DAMPER 1	3
4	6G5-42682-00	. MARK, cowling 2	1	16	90266-06009	. RIVET	3
5	90183-05M01	. NUT, spring	15	17	90266-06M02	. RIVET	6
6	6G5-42686-00	. EMBLEM, front	1	18	688-42652-00	. HOOK 2	1
7	6G5-42687-00	. EMBLEM, rear (175A Model)	1 U.R.	19	6E5-42652-00	. HOOK 2	2
※	6G4-42687-00	. EMBLEM, rear (150A Model)	1 U.R.	20	97395-06016	. BOLT	6
※	6G6-42687-00	. EMBLEM, rear (200A Model)	1 U.R.	21	92990-06600	. WASHER	6
8	6G5-42678-E0	. GRAPHIC, rear	1	22	6E5-42617-00	. RUBBER, form 1	1
9	6G5-42613-00-EJ	. MOLDING, air duct	1	23	6G5-42619-00	. RUBBER, form 2	1
10	95390-06600	. NUT	4	24	6G5-42627-00	. RUBBER, form 3	1

※Not shown

Fig. 7 BOTTOM COWLING



150A/175A/200A

Fig. 7 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-42711-10-EJ	COWLING, bottom	1	18	90201-08M54	WASHER	4
2	688-42815-00-EJ	LEVER, clamp 1	1	19	97375-08035	BOLT	4
3	688-42816-00	LEVER, clamp 2	1	20	6E5-42741-00-EJ	APRON 1	1
4	90386-13M38	BUSHING	6	21	6E5-42771-00-EJ	APRON 2	1
5	90206-13M10	WASHER	3	22	6E5-42716-00	SEAL, rubber	1
6	97395-06012	BOLT	3	23	97395-06020	BOLT	6
7	90201-06068	WASHER	3	24	92990-06600	WASHER	6
8	6E5-42817-00-EJ	LEVER, clamp 3	2	25	688-82594-00	CLAMP	1
9	6G5-42816-00	LEVER, clamp 2	1	26	6E5-82594-00	CLAMP	2
10	6E5-42816-01	LEVER, clamp 2	1	27	6E5-82588-00	PLATE	2
11	6E5-44391-00	NIPPLE, hose 1	1	28	97313-06020	BOLT	2
12	6E5-42725-00	GROMMET 2	1	29	92903-06600	WASHER	2
13	6E5-42738-00-94	PLATE, fitting	1	30	6E5-24367-00	CLAMP, fuel pipe 2	1
14	97313-06016	BOLT	2	31	90157-06M01	SCREW, panhead	2
15	92903-06600	WASHER	2	32	92990-06600	WASHER	2
16	90480-22M15	GROMMET	4	33	90480-21M33	GROMMET	2
17	90387-08M37	COLLAR	4	34	6E5-24367-10	CLAMP, fuel pipe 2	1

Fig. 8 BRACKET

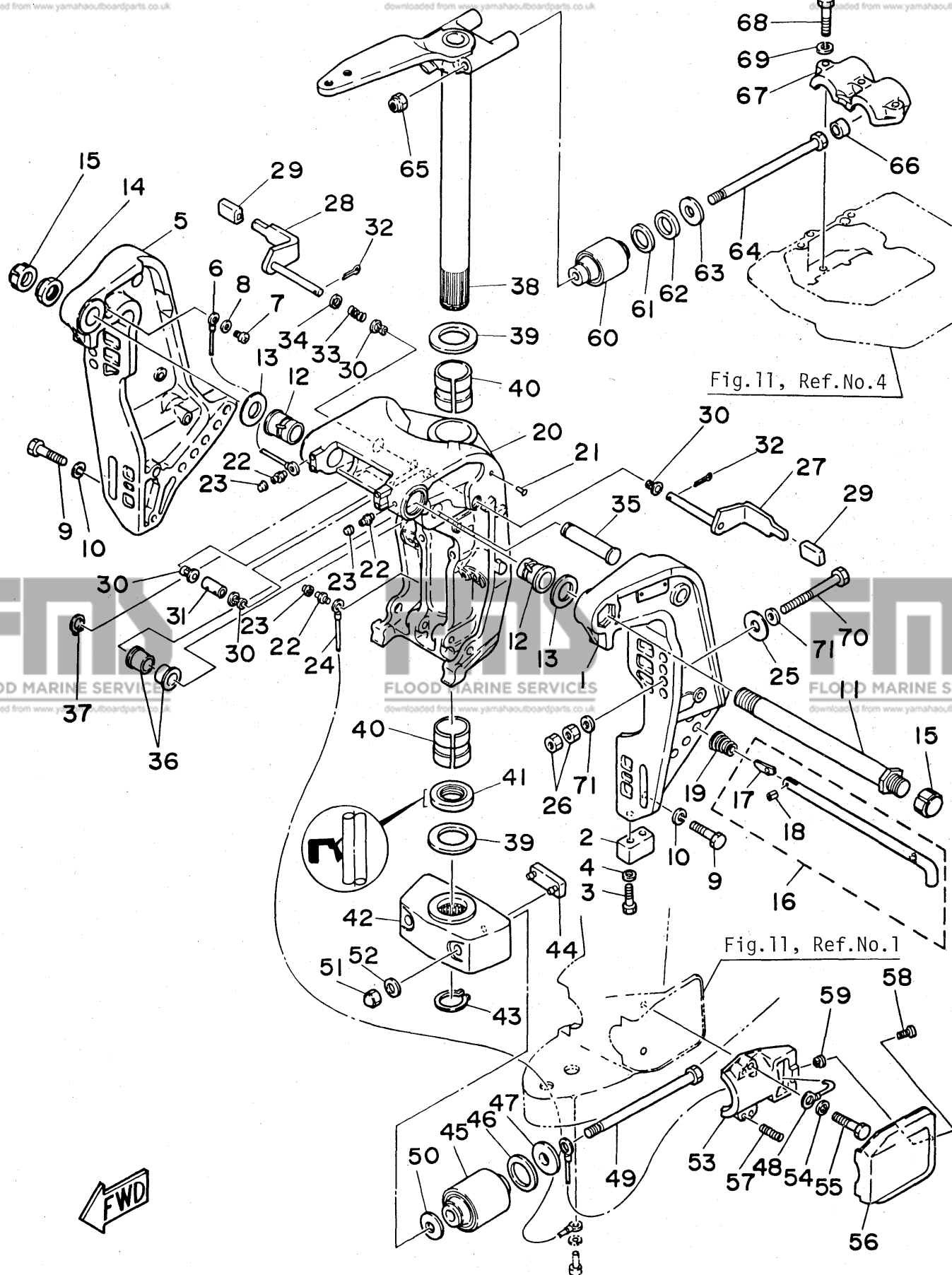


Fig. 8 BRACKET

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-43111-00-EJ	BRACKET, clamp 1	1	36	90386-18M44	BUSHING	2
2	6E5-45251-00	ANODE	1	37	93410-18M02	CIRCLIP	1
3	97395-06025	BOLT	2	38	6E5-42510-00-EJ	STEERING BRACKET ASS'Y (Long)	1 U.R.
4	92990-06600	WASHER	2	※	6E5-42510-20-EJ	STEERING BRACKET ASS'Y (Ultra Long)	1 U.R.
5	6E5-43112-00-EJ	BRACKET, clamp 2	1	39	90201-38M60	WASHER	2
6	6E5-82148-00	WIRE, lead 4	1	40	90386-38M32	BUSHING	2
7	97890-06012	SCREW, panhead	1	41	93109-38M02	OIL SEAL	1
8	92990-06600	WASHER	1	42	6E5-44551-00-EJ	HOUSING, lower mount	1
9	97395-10045	BOLT	6	43	93410-37M04	CIRCLIP	1
10	92990-10100	WASHER	6	44	6E5-44575-00	DAMPER, lower mount rubber	1
11	6E5-43131-00	BOLT, clamp bracket	1	45	6G5-44555-00-94	MOUNT RUBBER, lower side	2
12	90386-25M31	BUSHING	2	46	90202-32M19	WASHER	2
13	90201-26M59	WASHER	2	47	90201-16M55	WASHER	2
14	90185-22043	NUT, self-locking	1	48	6E5-82149-00	WIRE, lead 3	1
15	663-43145-00	CAP, clamp bracket	2	49	90109-14M10	BOLT	2
16	6E5-43160-01	TILT ROD ASS'Y	1	50	90201-15M58	WASHER	2
17	688-43165-00	. STOPPER PLATE	1	51	95380-14800	NUT, crown	2
18	91690-30014	. PIN, spring	1	52	92990-14600	WASHER	2
19	90502-20M03	SPRING, conical	1	53	6E5-44552-00-EJ	HOUSING, lower mount rubber	2
20	6E5-43311-01-EJ	BRACKET, swivel 1 (Long)	1 U.R.	54	92990-10100	WASHER	4
※	6E5-43311-21-EJ	BRACKET, swivel 1 (Ultra Long)	1 U.R.	55	97395-10045	BOLT	4
21	90269-03010	RIVET 1	1	56	6E5-44553-00-EJ	COVER, lower mount	2
22	93700-06004	NIPPLE, grease	3	57	90501-16M28	SPRING, compression	4
23	663-45119-00	CAP, grease nipple	3	58	92380-06015	SCREW, cylinderhead	2
24	6E5-82147-00	WIRE, lead 4 (Long)	1 U.R.	59	90179-06066	NUT	2
※	6E5-82147-20	WIRE, lead 4 (Ultra Long)	1 U.R.	60	6G5-44514-00-94	MOUNT RUBBER, upper side	2
25	90201-12426	WASHER	4	61	90201-26M57	WASHER	2
26	95380-12600	NUT	8	62	90202-26M18	WASHER	2
27	6E5-43181-00	LEVER, tilt stop 1	1	63	90201-14M56	WASHER	2
28	6E5-43185-00	LEVER, tilt stop 2	1	64	90109-12M09	BOLT	2
29	663-43318-00	COVER	2	65	90185-12058	NUT, self-locking	2
30	90386-10M16	BUSHING	4	66	663-44575-00	DAMPER, lower mount rubber	2
31	90387-10M38	COLLAR	1	67	6E5-44511-00-EJ	COVER, upper mount rubber	1
32	91490-30025	PIN, cotter	2	68	97395-10045	BOLT	3
33	90501-10M21	SPRING, compression	1	69	92990-10100	WASHER	3
34	92990-10600	WASHER	1	70	90101-12M65	BOLT	4
35	6E5-43126-00	PIN, upper shock mount	1	71	92990-12200	WASHER	8

※Not shown

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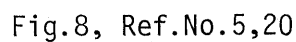


Fig. 9 POWER TRIM & TILT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
▲ 1	6E5-43800-01-EJ	POWER TRIM & TILT ASS'Y	1	8	6E5-83672-00	TRIM SENDER	1
2	6E5-43376-00	BOLT, thrust receiver	2	9	97890-06016	SCREW, panhead	2
3	90185-08057	NUT, self-locking	2	10	688-83553-10	WIRE, lead	1
4	688-83671-00	TRIM GAUGE	1	11	1E6-82151-00	. FUSE (12V-10A)	1
5	688-83516-00	. BULB (12V-1.7W)	1	12	6E5-82553-00	EXTENSION, wire harness	1
6	688-83536-00	. SOCKET, meter	1	13	90465-11M10	CLAMP	5
7	688-83664-00	. DAMPER	1				

▲ See Fig. 20 for detail service parts.

Fig. 10 CONTROL

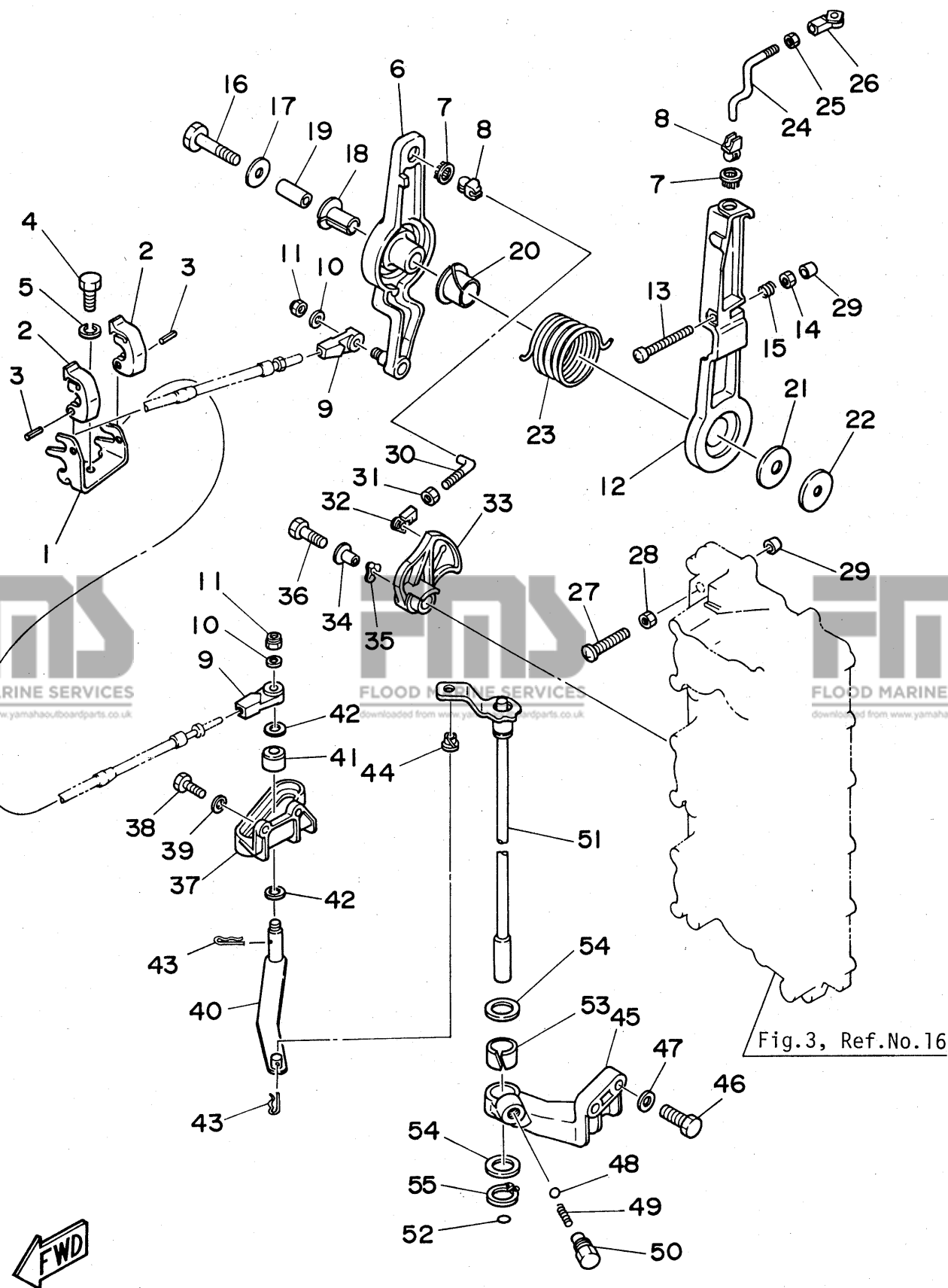


Fig.3, Ref.No.16



Fig. 10 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-48531-00	BRACKET, remote control	1	30	6G5-41211-00	LINK, accel.	1
2	6E5-48538-00	CLAMP, cable	2	31	95303-05600	NUT	1
3	91690-30012	PIN, spring	2	32	662-41237-01	JOINT, link 2	1
4	97313-08020	BOLT	1	33	6G5-41213-00	CAM, accel.	1
5	92903-08100	WASHER	1	34	90387-06M29	COLLAR	1
6	6G5-41632-00-94	LEVER, magneto control 2	1	35	90206-10049	WASHER	1
7	6E5-41655-00	BUSHING	2	36	97313-06025	BOLT	1
8	6E5-41214-00	JOINT, ball	2	37	6E5-44117-00-EJ	BRACKET	1
9	6E5-48344-00	CABLE END, remote control	2	38	97313-06020	BOLT	2
10	92903-06200	WASHER	2	39	92903-06600	WASHER	2
11	90185-06062	NUT, self-locking	2	40	6E5-44121-00	LEVER, shift rod 1	1
12	6G5-41631-00-94	LEVER, magneto control 1	1	41	6E5-44122-00	BUSHING, shift rod lever	1
13	90157-06013	SCREW, crossrecess panhead	1	42	90202-08M20	WASHER	2
14	95303-06600	NUT	1	43	90468-18008	PIN, hair	2
15	90501-16M12	SPRING, compression	1	44	90386-06M12	BUSHING	1
16	97313-08045	BOLT	1	45	6E5-44118-00-EJ	BRACKET 2	1
17	90201-08M23	WASHER	1	46	97313-08030	BOLT	2
18	90386-12089	BUSHING	1	47	92903-08600	WASHER	2
19	90387-08M16	COLLAR	1	48	93501-04M02	BALL	1
20	90386-22M13	BUSHING	1	49	90501-12082	SPRING, compression	1
21	90202-12092	WASHER	1	50	648-42715-00	BUSHING 2	1
22	90201-08M13	WASHER	1	51	6E5-44120-01	HANDLE GEAR SHIFT ASS'Y (Long)	1 U.R.
23	90508-29M12	SPRING, torsion	1	※	6E5-44120-21	HANDLE GEAR SHIFT ASS'Y (Ultra Long)	1 U.R.
24	6G5-41636-00	ROD, magneto control	1	52	93210-09165	O-RING	1
25	95303-05600	NUT	1	53	90386-16046	BUSHING	1
26	662-41237-01	JOINT, link 2	1	54	90202-16061	WASHER	2
27	90157-06M00	SCREW, crossrecess panhead	1	55	93410-16006	CIRCLIP	1
28	95303-06600	NUT	1				
29	688-44194-00	CAP	2				

※Not shown

Fig. 11 UPPER CASING

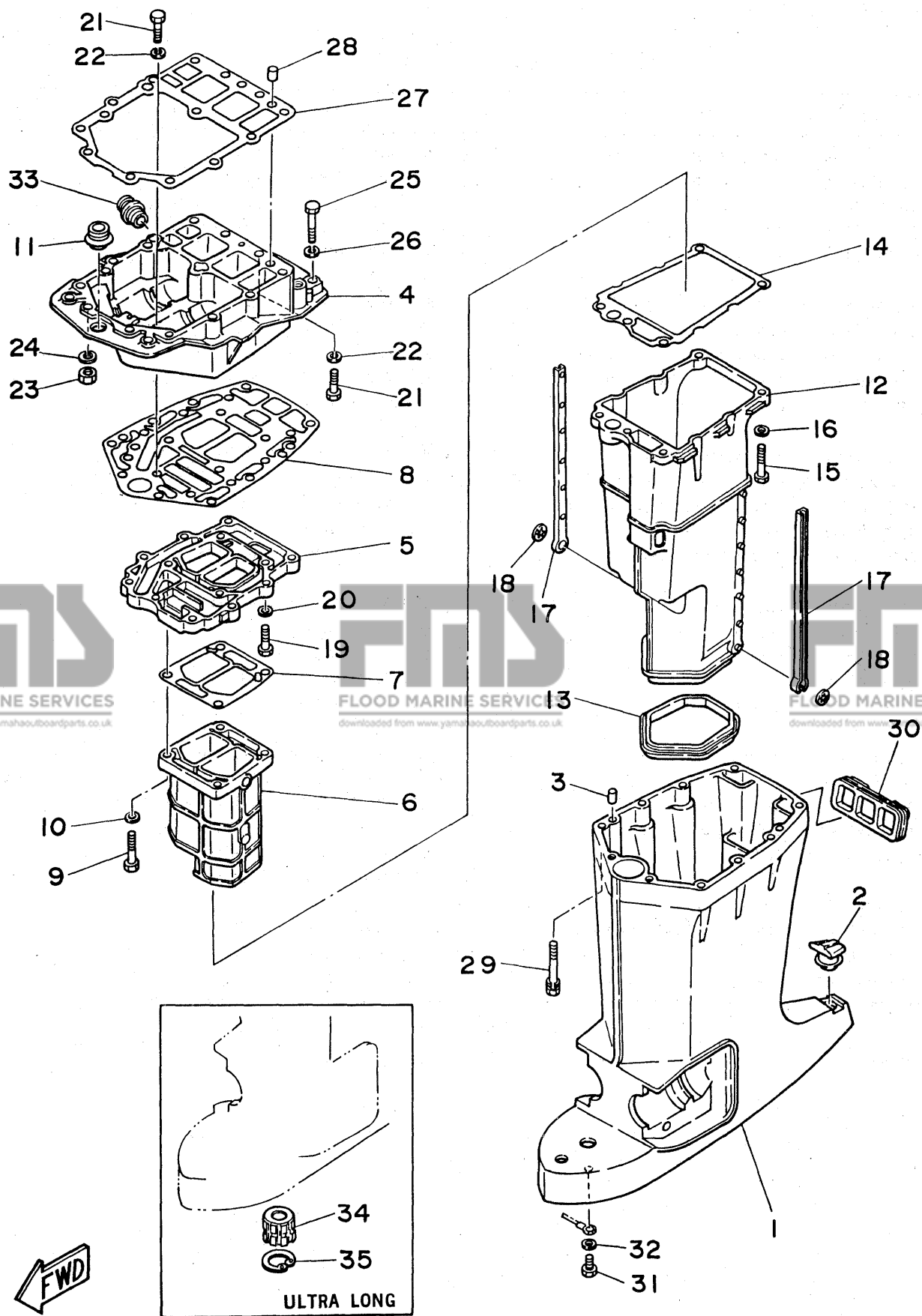


Fig. 11 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-45111-01-EJ CASING, upper (Long)		1 U.R.	20	92990-08600	WASHER	4
※	6E5-45111-20-EJ CASING, upper (Ultra Long)		1 U.R.	21	97395-08030	BOLT	6
2	6E5-45155-00 CAP		1	22	92990-08100	WASHER	6
3	93608-12M05 PIN, dowel B		2	23	95380-08700	NUT	2
4	6G5-41137-00-94 GUIDE, exhaust		1	24	92990-08100	WASHER	2
5	6G5-41131-00-9M MANIFOLD, exhaust 1		1	25	97395-08045	BOLT	2
6	6G5-41132-00-9M MANIFOLD, exhaust 2		1	26	92990-08100	WASHER	2
7	6G5-41134-00 GASKET, exhaust manifold 2		1	27	6G5-45113-00	GASKET, upper casing 1	1
8	6G5-45114-00 GASKET, upper casing 2		1	28	93608-12M05	PIN, dowel B	2
9	97395-08045 BOLT		4	29	90119-08M04	BOLT, hexagon with washer	6
10	92990-08600 WASHER		4	30	6E5-42769-00	SEAL, rubber	1
11	6E5-42724-00 GROMMET 1		1	31	97395-06010	BOLT	1
12	6E5-14711-00-9M MUFFLER		1	32	92990-06600	WASHER	1
13	6E5-45123-00 GASKET, muffler		1	33	6G5-12581-00	JOINT, hose 1	1
14	6E5-41135-00 GASKET, exhaust manifold 3		1	34	6E5-45318-00	BUSHING, drive shaft 3 (Ultra Long)	1
15	97395-08045 BOLT		5	35	93420-36M01	CIRCLIP (Ultra Long)	1
16	92990-08600 WASHER		5				
17	6E5-14737-00 DAMPER, muffler		2				
18	90183-05M02 NUT, spring		2				
19	97395-08030 BOLT		4				

※Not shown

Fig. 12 LOWER & DRIVE I

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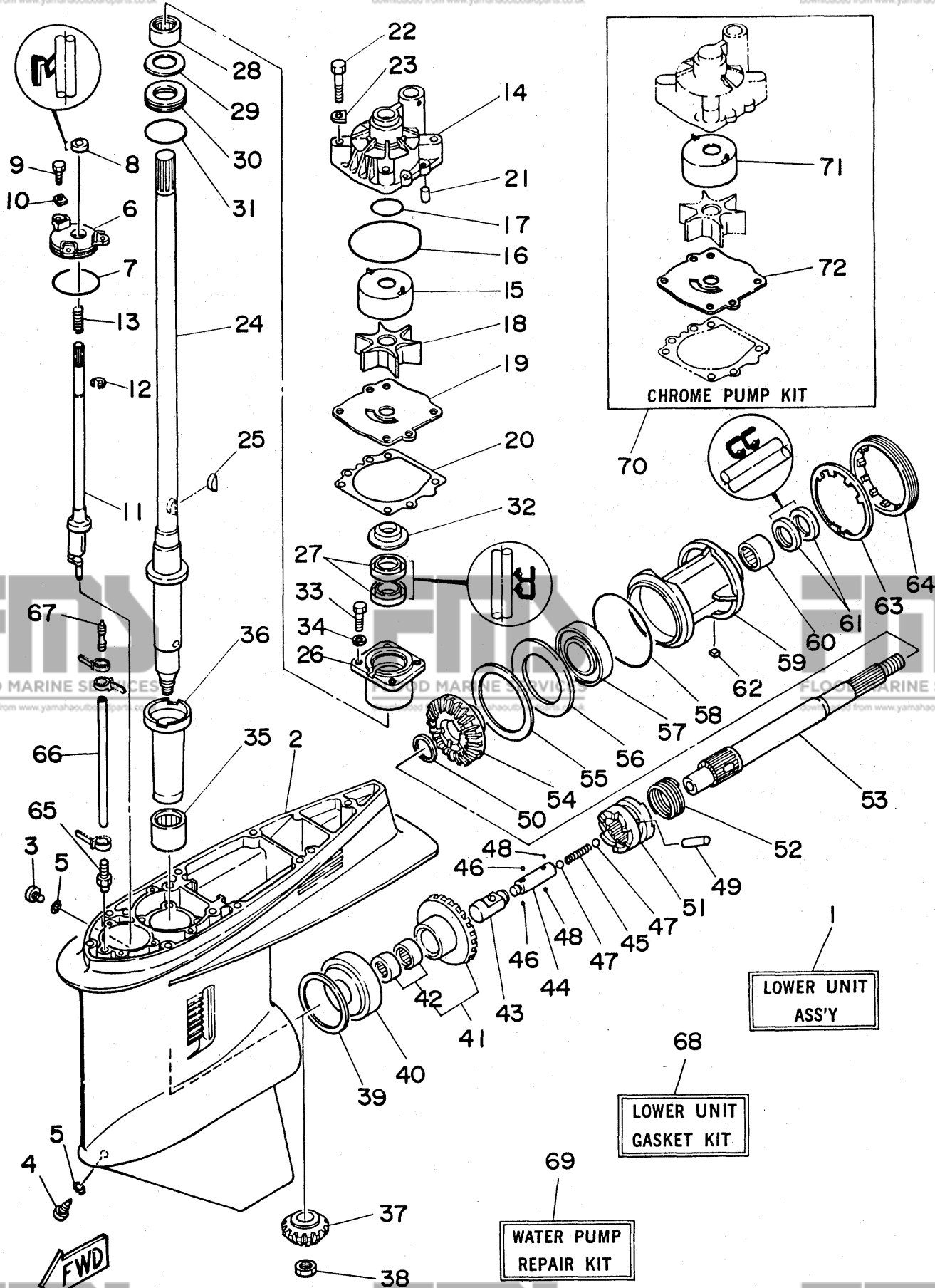
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Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G5-45300-10-EJ	LOWER UNIT ASS'Y (Long)		38	90170-16M01	NUT	1
		(Ref. No. 2 to 67)	1 U.R.	39	6G5-45567-00-05	SHIM 1 (0.05mm)	1 U.R.
※	6G5-45300-20-EJ	LOWER UNIT ASS'Y (Ultra Long)			6G5-45567-00-08	SHIM 1 (0.08mm)	1 U.R.
		(Ref. No. 2 to 67)	1 U.R.		6G5-45567-00-12	SHIM 1 (0.12mm)	1 U.R.
2	6G5-45301-00-EJ	CASING, lower	1		6G5-45567-00-30	SHIM 1 (0.30mm)	1 U.R.
3	90340-08014	PLUG, straight screw	1		6G5-45567-00-50	SHIM 1 (0.50mm)	1 U.R.
4	90340-08M02	PLUG, straight screw	1	40	93332-000V3	BEARING, taper roller	1
5	90430-08020	GASKET	2	41	6G5-45560-00	GEAR 1 ASS'Y (26T)	1
6	6E5-45321-00	PLATE	1	42	93315-425V3	. BEARING, needle	1
7	93210-58144	O-RING	1	43	6E5-45641-01	SHIFTER	1
8	93106-09014	OIL SEAL	1				
9	97395-06020	BOLT	3	44	6E5-45634-01	SLIDE, shift	1
				45	90501-16M37	SPRING, compression	2
10	90209-06M04	WASHER	3	46	93507-32009	BALL	2
11	6G5-44150-00	SHIFT CAM ASS'Y	1	47	93511-32017	BALL	2
12	93430-08006	CIRCLIP	1	48	93503-16003	BALL	2
13	90501-11M10	SPRING	1	49	90250-08M07	PIN	1
14	6E5-44311-00	HOUSING, water pump	1	50	90201-30M92	WASHER	1
15	6E5-44322-00	INSERT, cartridge	1	51	6G5-45631-00	CLUTCH, dog	1
16	93210-86M38	O-RING	1	52	6E5-45633-01	RING, cross pin	1
17	93210-37160	O-RING	1	53	6G5-45611-00	SHAFT, propeller	1
18	6E5-44352-00	IMPELLER	1				
19	6G5-44323-00	OUTER PLATE, cartridge	1	54	6G5-45571-00	GEAR 2 (26T)	1
				55	6E5-45577-00-05	SHIM 2 (0.50mm)	1 U.R.
20	6E5-44315-00	GASKET, water pump	1		6E5-45577-00-08	SHIM 2 (0.08mm)	1 U.R.
21	93606-12019	PIN, dowel B	1		6E5-45577-00-12	SHIM 2 (0.12mm)	1 U.R.
22	97395-08045	BOLT	4		6E5-45577-00-30	SHIM 2 (0.30mm)	1 U.R.
23	90209-08M02	WASHER	4		6E5-45577-00-50	SHIM 2 (0.50mm)	1 U.R.
24	6G5-45501-00	DRIVE SHAFT COMP. (Long)	1 U.R.	56	6G5-45576-00	WASHER, thrust 2	1
※	6G5-44501-20	DRIVE SHAFT COMP. (Ultra Long)	1 U.R.	57	93306-209U0	BEARING (B6208)	1
25	90280-04M05	KEY, woodruff	1	58	93210-97M55	O-RING	1
26	6E5-45331-00-94	HOUSING, bearing 1	1	59	6G5-45332-00-94	HOUSING, bearing 2	1
27	93101-28M16	OIL SEAL	2				
28	93317-330U2	BEARING, needle	1	60	93315-430U8	BEARING, needle	1
				61	93101-30M17	OIL SEAL	2
29	6E5-45587-00-05	SHIM 3 (0.05mm)	1 U.R.	62	90282-04010	KEY, straight	1
	6E5-45587-00-08	SHIM 3 (0.08mm)	1 U.R.	63	6G5-45383-00	WASHER, claw	1
	6E5-45587-00-12	SHIM 3 (0.12mm)	1 U.R.	64	6G5-45384-00	NUT	1
	6E5-45587-00-30	SHIM 3 (0.30mm)	1 U.R.	65	6E5-45378-00	NIPPLE, hose	1
	6E5-45587-00-50	SHIM 3 (0.50mm)	1 U.R.	66	90445-07M31	HOSE (Long)	1 U.R.
30	93341-930U0	BEARING, thrust	1	※	90445-07M38	HOSE (Ultra Long)	1 U.R.
31	93210-55M14	O-RING	1	67	6E5-83558-00	END, nipple	1
32	6E5-45344-00	COVER, oil seal	1	▲ 68	6G5-W0001-20	LOWER UNIT GASKET KIT	1
33	97395-08025	BOLT	4				
34	92990-08600	WASHER	4	★ 69	6G5-W0078-00	WATER PUMP REPAIR KIT	1
						CHROME PUMP KIT	
35	93311-928U5	BEARING, needle	1	70	6G5-W0078-0A	CHROME PUMP KIT	1
36	6E5-45536-00	SLEEVE, drive shaft	1	71	6E5-44322-41	. INSERT, cartridge	1
37	6G5-45551-00	PINION (14T)	1	72	6G5-44323-40	. OUTER PLATE, cartridge	1

※ Not shown

★ See Fig. 21 for detail service parts.

Fig. 13 LOWER & DRIVE 2

Fig.12, Ref.No.67

Fig.12, Ref.No.66

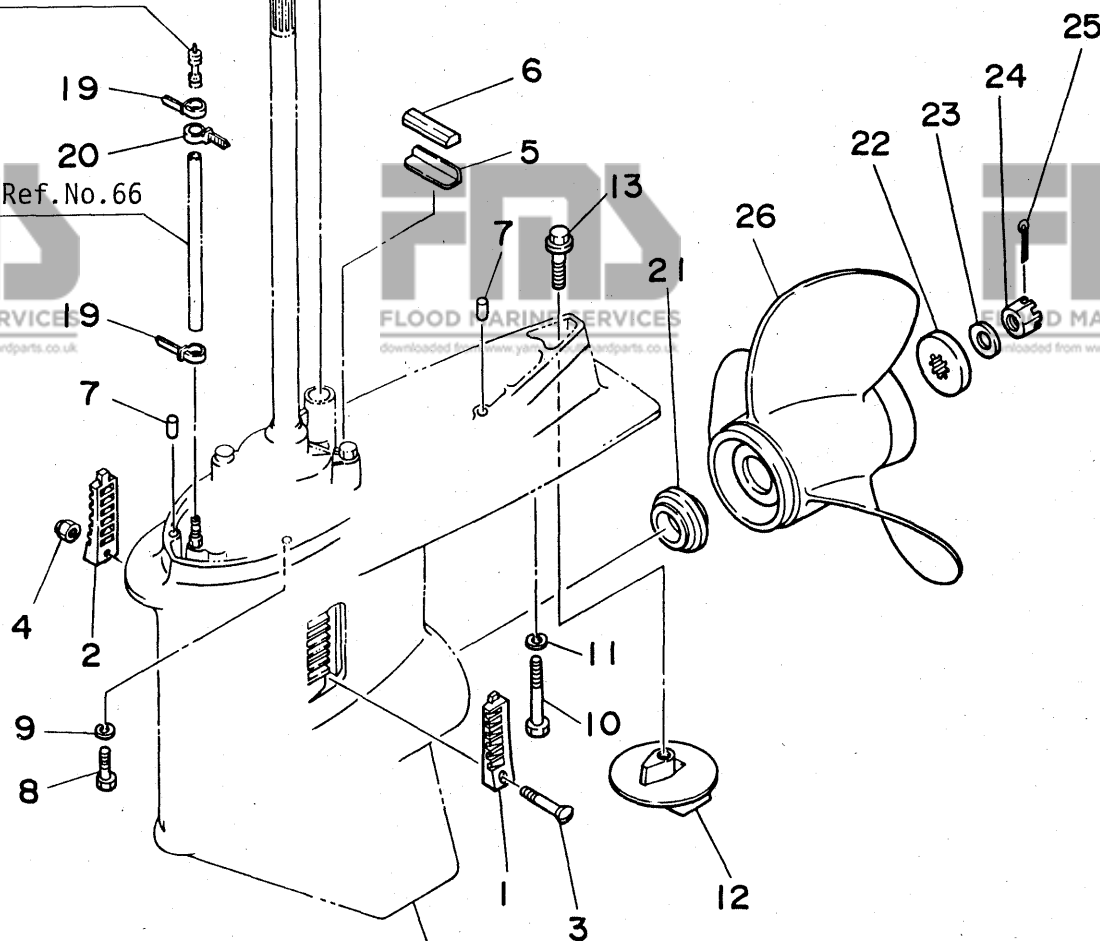
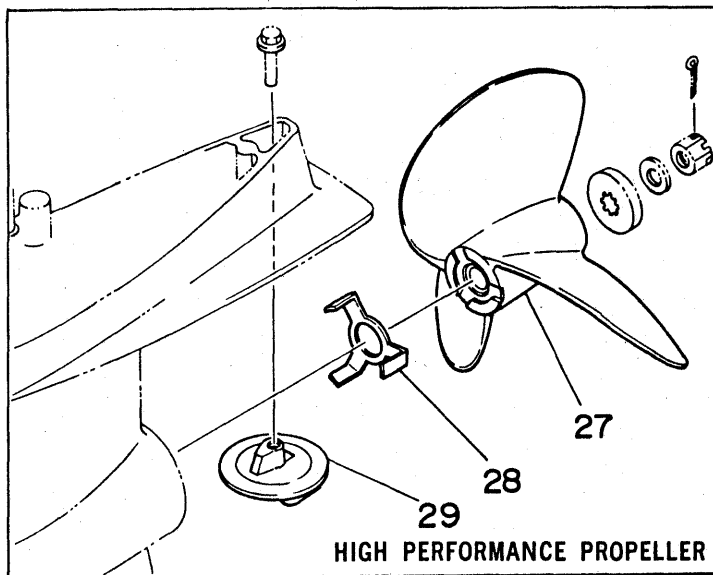


Fig.12, Ref.No.1
LOWER UNIT ASS'Y



Fig. 13 LOWER & DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G5-45214-00	COVER, water inlet 1	1	24	90171-18M04	NUT, castle	1
2	6G5-45215-00	COVER, water inlet 2	1	25	91490-40030	PIN, cotter	1
3	90142-05M03	SCREW	1	26	6G5-45941-00-36	PROPELLER ASS'Y (3x15 $\frac{1}{4}$ "x15"-M)	1 U.R.
4	90185-05002	NUT, self-locking	1		6G5-45943-00-36	PROPELLER ASS'Y (3x13 $\frac{3}{4}$ "x21"-M)	1 U.R.
◆ 5	663-45376-00-94	GUIDE, rubber seal	1		6G5-45945-00-36	PROPELLER ASS'Y (3x14"x19"-M)	1 U.R.
◆ 6	688-45375-00	SEAL, rubber 2	1		6G5-45947-00-36	PROPELLER ASS'Y (3x14 $\frac{1}{2}$ "x17"-M)	1 U.R.
7	93608-12M05	PIN, dowel B	2		6G5-45949-00-36	PROPELLER ASS'Y (3x13 $\frac{3}{4}$ "x23"-M)	1 U.R.
8	97375-10045	BOLT	6		STAINLESS STEEL PROPELLER		
9	92990-10100	WASHER	6		6G5-45970-00-98	PROPELLER ASS'Y (3x15 $\frac{1}{4}$ "x15"-M)	1 U.R.
10	97375-10070	BOLT	1		6G5-45972-00-98	PROPELLER ASS'Y (3x13 $\frac{3}{4}$ "x21"-M)	1 U.R.
11	92990-10100	WASHER	1		6G5-45974-00-98	PROPELLER ASS'Y (3x14"x19"-M)	1 U.R.
12	6E5-45371-01	TAB-TRIM	1		6G5-45976-00-98	PROPELLER ASS'Y (3x13 $\frac{3}{4}$ "x23"-M)	1 U.R.
13	90105-10M00	BOLT	1		6G5-45978-00-98	PROPELLER ASS'Y (3x14 $\frac{1}{2}$ "x17"-M)	1 U.R.
◆ 14	6E5-44365-00	RUBBER, water seal 1	1		6G5-45930-00-98	PROPELLER ASS'Y (3x13 $\frac{3}{4}$ "x25"-M)	1 U.R.
◆ 15	6E5-44312-00	COVER, water pump housing	1		6G5-45932-00-98	PROPELLER ASS'Y (3x15 $\frac{1}{4}$ "x13"-M)	1 U.R.
					HIGH PERFORMANCE PROPELLER		
16	6E5-44366-00	RUBBER, water seal 2	1	27	6E5-45970-10	PROPELLER ASS'Y (3x14"x20"-P)	1 U.R.
17	6E5-44361-00	TUBE, water (Long)	1 U.R.		6E5-45972-10	PROPELLER ASS'Y (3x14"x24"-P)	1 U.R.
※	6E5-44361-20	TUBE, water (Ultra Long)	1 U.R.		6E5-45974-10	PROPELLER ASS'Y (3x14"x28"-P)	1 U.R.
18	6E5-44365-00	RUBBER, water seal 1	1		6E5-45976-10	PROPELLER ASS'Y (3x14"x22"-P)	1 U.R.
19	90465-11M10	CLAMP	2		6E5-45978-10	PROPELLER ASS'Y (3x14"x26"-P)	1 U.R.
20	90465-13M11	CLAMP	1	28	6E5-45994-10	PLATE, tooth	1
21	6E5-45987-00	SPACER 1	1				
22	688-45997-00	SPACER 2	1	29	6E5-45371-10	TAB-TRIM	1
23	92990-18200	WASHER	1				

※Not shown

◆Contents of lower unit ass'y (Parts No, 6G5-45300-10-EJ, 6G5-45300-20-EJ)

Fig. 14 C·D·I· MAGNETO

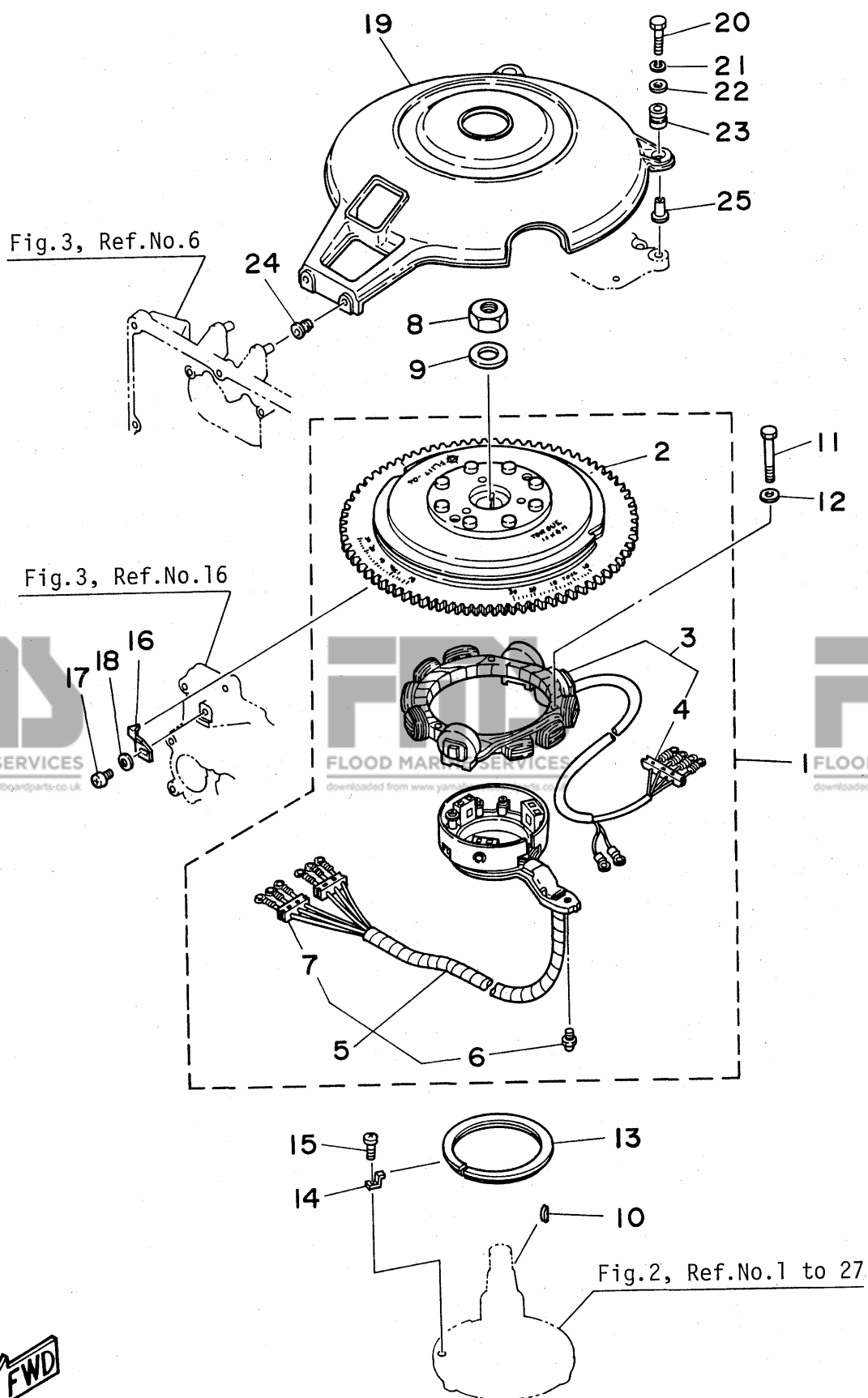


Fig. 14 C.D.I. MAGNETO

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G5-85500-10	C.D.I. MAGNETO ASS'Y	1	14	688-41612-00	RETAINER, magneto base 2	4
2	6G5-85550-10	. ROTOR ASS'Y	1	15	97801-06018	SCREW, panhead	4
3	6G5-85510-10	. STATOR ASS'Y	1	16	6E5-81332-00	PLATE, timing	1
4	90480-06M16	. . GROMMET	1	17	97803-06010	SCREW, panhead	1
5	6G5-85580-10	. PULSER ASS'Y	1	18	92903-06600	WASHER	1
6	663-85518-00	. . JOINT, ball	1	19	6E5-81337-00	COVER, flywheel	1
7	90480-06M16	. . GROMMET	1	20	97313-06030	BOLT	2
8	90170-20137	NUT	1	21	92903-06100	WASHER	2
9	90201-21M18	WASHER	1	22	90201-06M62	WASHER	2
10	90280-05015	KEY, woodruff	1	23	663-82317-00	DAMPER	2
11	97313-06055	BOLT	3	24	665-82317-00	DAMPER	2
12	92903-06600	WASHER	3	25	624-42542-00	PIPE 1	2
13	688-41611-00	RETAINER, magneto base 1	1				

Fig. 15 ELECTRIC MOTOR

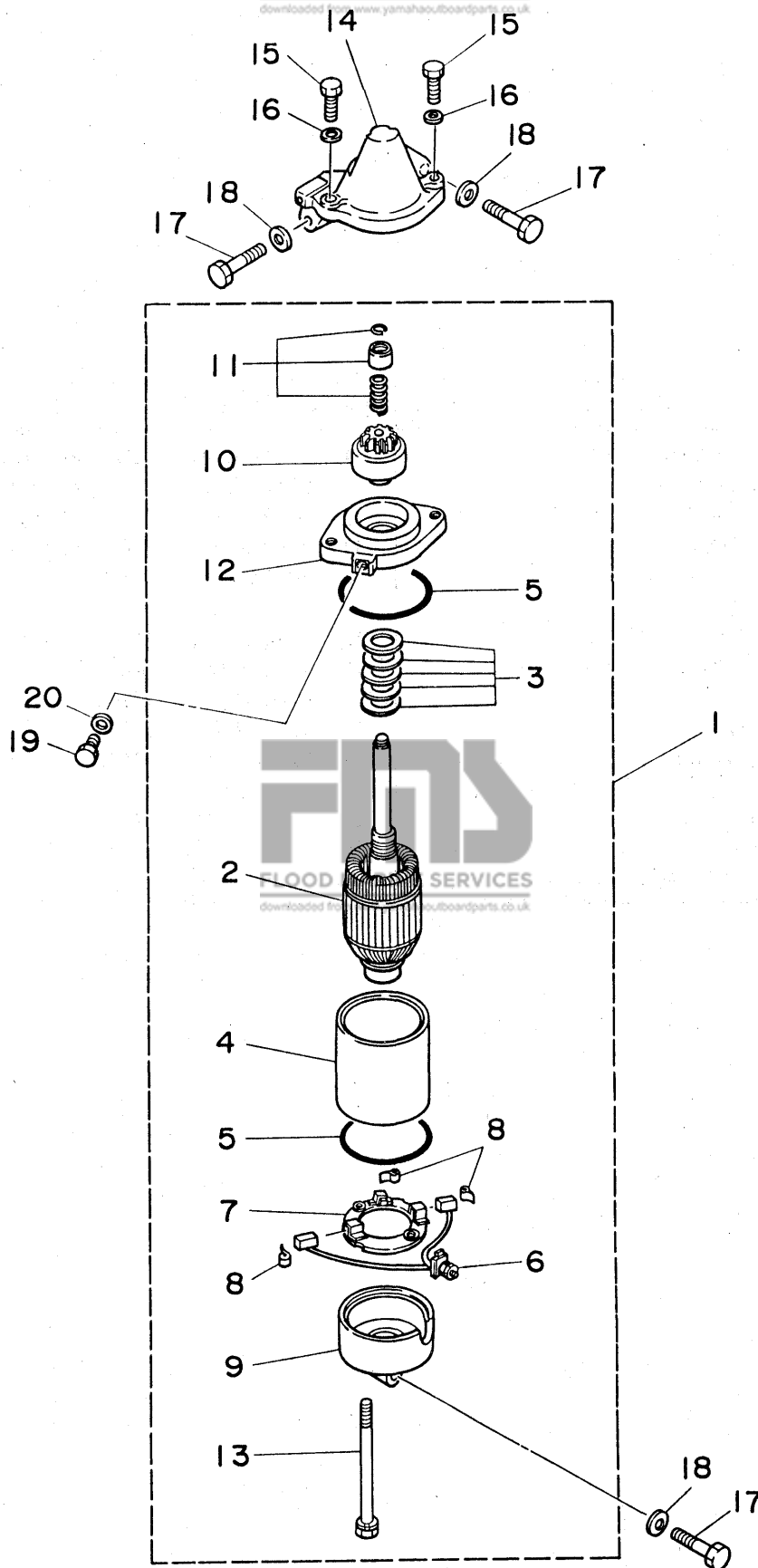


Fig. 15 ELECTRIC MOTOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-81800-11	ELECTRIC MOTOR ASS'Y	1	11	6E5-81857-10	. PINION STOPPER SET	1
2	6E5-81850-10	. ARMATURE ASS'Y	1	12	6E5-81830-10	. FRONT BRACKET ASS'Y	1
3	6E5-81809-10	. WASHER KIT	1	13	6E5-81826-10	. BOLT 1	2
4	6E5-81810-10	. STATOR ASS'Y	2	14	6E5-81822-01-98	BRACKET, electric motor	1
5	6E5-81948-10	. O-RING	2	15	97313-08025	BOLT	2
6	6E5-81801-10	. BRUSH ASS'Y (+)	1	16	92903-08600	WASHER	2
7	6E5-81840-10	. BRUSH HOLDER ASS'Y (-)	1	17	97313-08045	BOLT	3
8	6E5-81813-10	. SPRING, brush	3	18	92903-08600	WASHER	3
9	6E5-81820-10	. REAR BRACKET ASS'Y	1	19	97395-08016	BOLT	1
10	6E5-81807-11	. PINION ASS'Y (9T)	1	20	92990-08600	WASHER	1

Fig. 16 ELECTRIC PARTS I

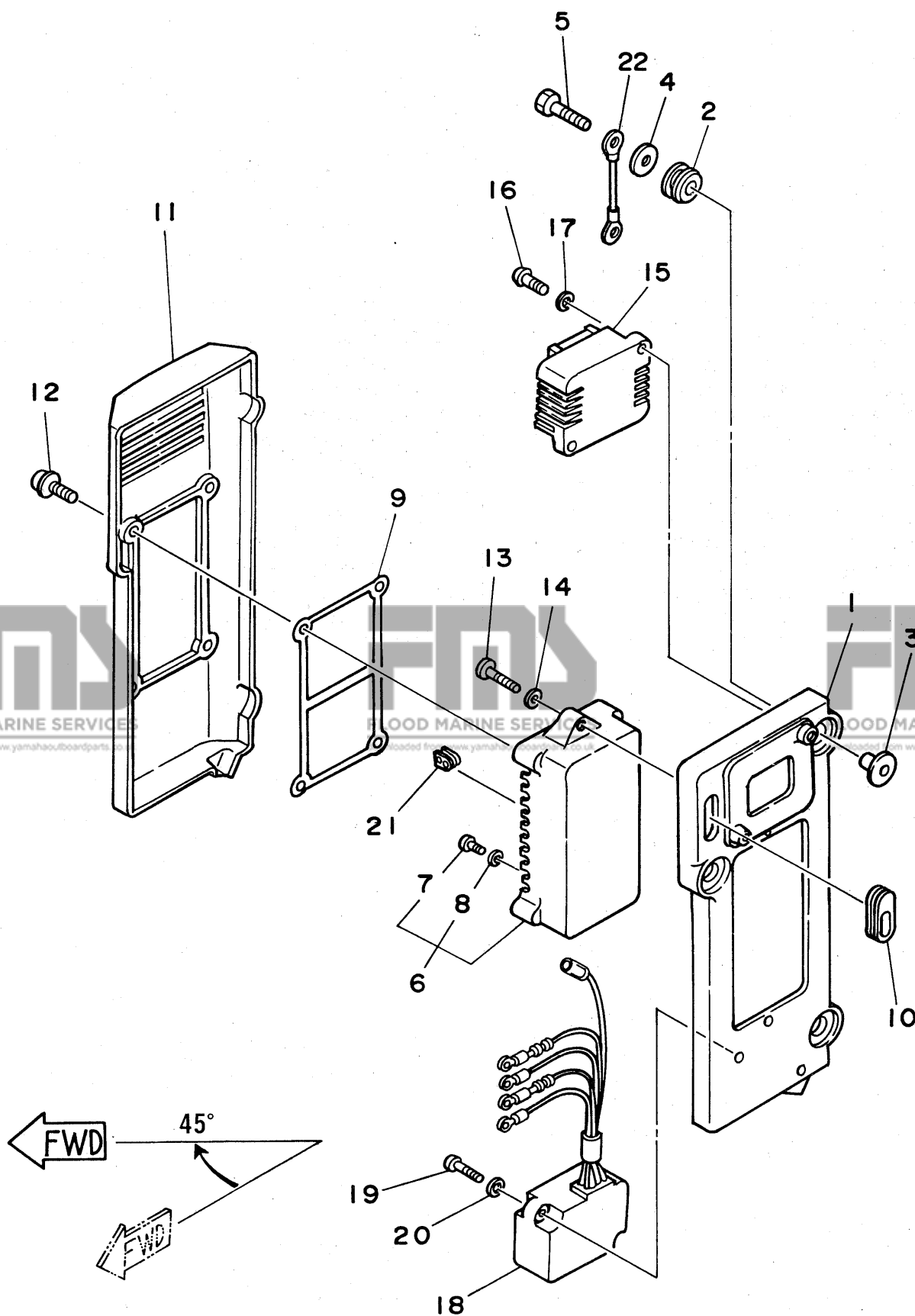


Fig. 16 ELECTRIC PARTS 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G5-85542-00-94	BRACKET	1	12	90159-06M03	SCREW	4
2	90480-09M12	GROMMET	3	13	97803-06030	SCREW	2
3	90387-06M03	COLLAR	3	14	92903-06600	WASHER	2
4	90201-06416	WASHER	3	15	688-81960-60	RECTIFIER & REGULATOR ASS'Y	1
5	90119-06M28	BOLT, with washer	3	16	97803-06020	SCREW	2
6	6G5-85540-10	C.D.I. UNIT ASS'Y	1	17	92903-06600	WASHER	2
7	98503-04008	. SCREW, panhead	20	18	6G5-85590-10	CONTROL UNIT ASS'Y	1
8	92990-04200	. WASHER	20	19	97803-06030	SCREW	2
9	6G5-85547-00	DAMPER	1	20	92903-06600	WASHER	2
10	90480-12M32	GROMMET	1	21	90480-06066	GROMMET	2
11	6G5-85537-00	COVER	1	22	6G5-83354-00	WIRE, earth lead	1

Fig. 17 ELECTRIC PARTS 2

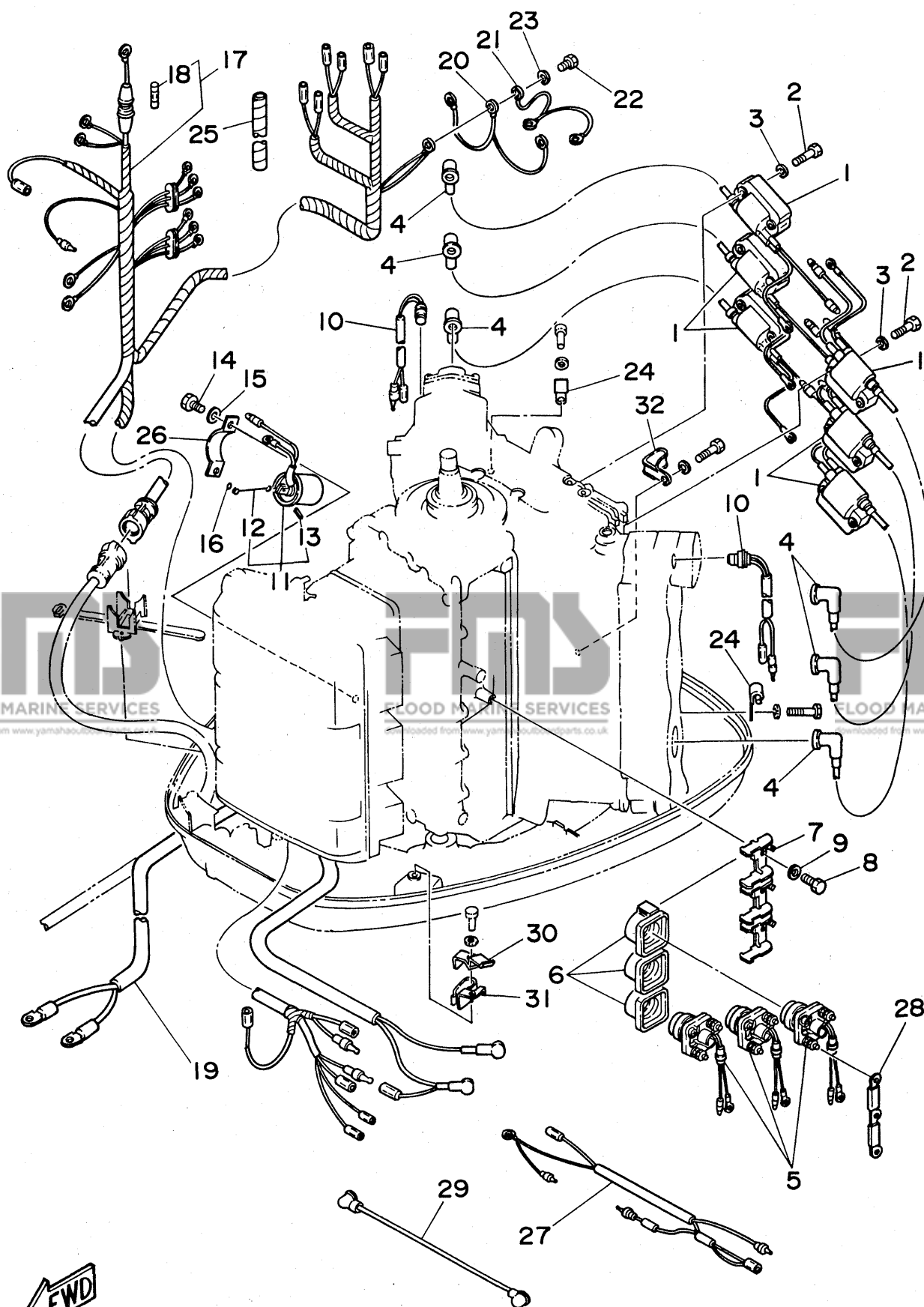


Fig. 17 ELECTRIC PARTS 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-85570-10	IGNITION COIL ASS'Y	6	17	6G5-82590-00	WIRE HARNESS ASS'Y	1
2	97313-06030	BOLT	12	18	663-82151-00	. FUSE (12V-20A)	1
3	92903-06600	WASHER	12	19	6G5-82105-00	LEAD WIRE ASS'Y	1
4	663-82370-01	PLUG CAP ASS'Y	6	20	6E5-82519-00	WIRE, earth lead	1
5	6E5-81941-10	STARTER RELAY ASS'Y	3	21	6E5-82531-00	WIRE, lead	1
6	689-81952-10	HOLDER, starter relay	3	22	97395-06012	BOLT	3
7	6G5-81948-00	BRACKET	1	23	92990-06600	WASHER	3
8	97313-06016	BOLT	2	24	90465-08M07	CLAMP	5
9	92903-06600	WASHER	2	25	90446-10M01	TUBE	4
10	688-82560-10	THERMO-SWITCH ASS'Y	2	26	6G5-86115-00	HOLDER, solenoid	1
11	6G5-86110-00	SOLENOID COIL ASS'Y	1	27	6G5-82553-00	EXTENSION, wire lead	1
12	6G5-86119-00	. WIRE, pull	1	28	6G5-87149-00	CONNECTOR	1
13	91690-30010	. PIN, spring	1	29	6G5-82117-00	WIRE, lead	1
14	97313-06016	BOLT	2	30	90465-13M21	CLAMP	1
15	92903-06600	WASHER	2	31	90465-08M22	CLAMP	1
16	93210-03261	O-RING	1	32	90465-08M08	CLAMP	2

Fig. 18 OIL PUMP

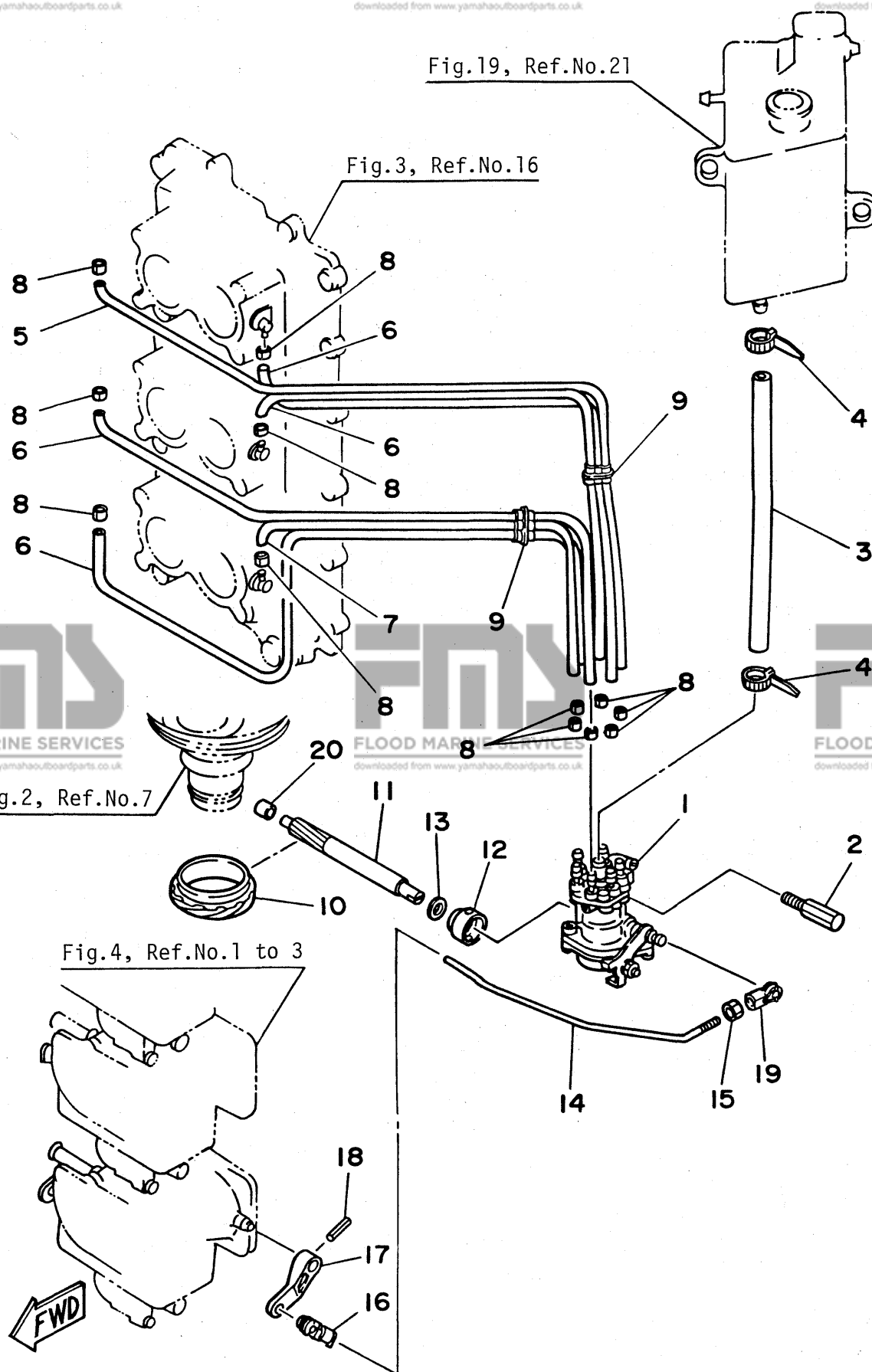


Fig. 18 OIL PUMP

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G5-13200-00	OIL INJECTION PUMP ASS'Y (150A/175A Model)	1 U.R.	10	6E5-11536-00	GEAR, drive	1
※	6G6-13200-00	OIL INJECTION PUMP ASS'Y (200A Model)	1 U.R.	11	6E5-11537-00	GEAR, driven	1
2	90109-06M23	BOLT	2	12	6E5-13117-00	COLLAR, distance	1
3	90445-12M65	HOSE	1	13	90201-08M93	WASHER, plate	1
4	90465-13M11	CLAMP	2	14	6E5-41241-00	ROD 1	1
5	90445-07M70	HOSE	1	15	95303-05600	NUT	1
6	90445-07M71	HOSE	4	16	6E9-41237-00	JOINT, link 2	1
7	90445-07M72	HOSE	1	17	6E5-14276-00	LEVER 1	1
8	90468-07M01	CLIP	12	18	91690-30016	PIN, spring	1
9	90461-07M05	CLAMP	2	19	662-41237-01	JOINT, link 2	1
				20	90380-06M18	BUSHING	1

※ Not shown

Fig. 19 OIL TANK

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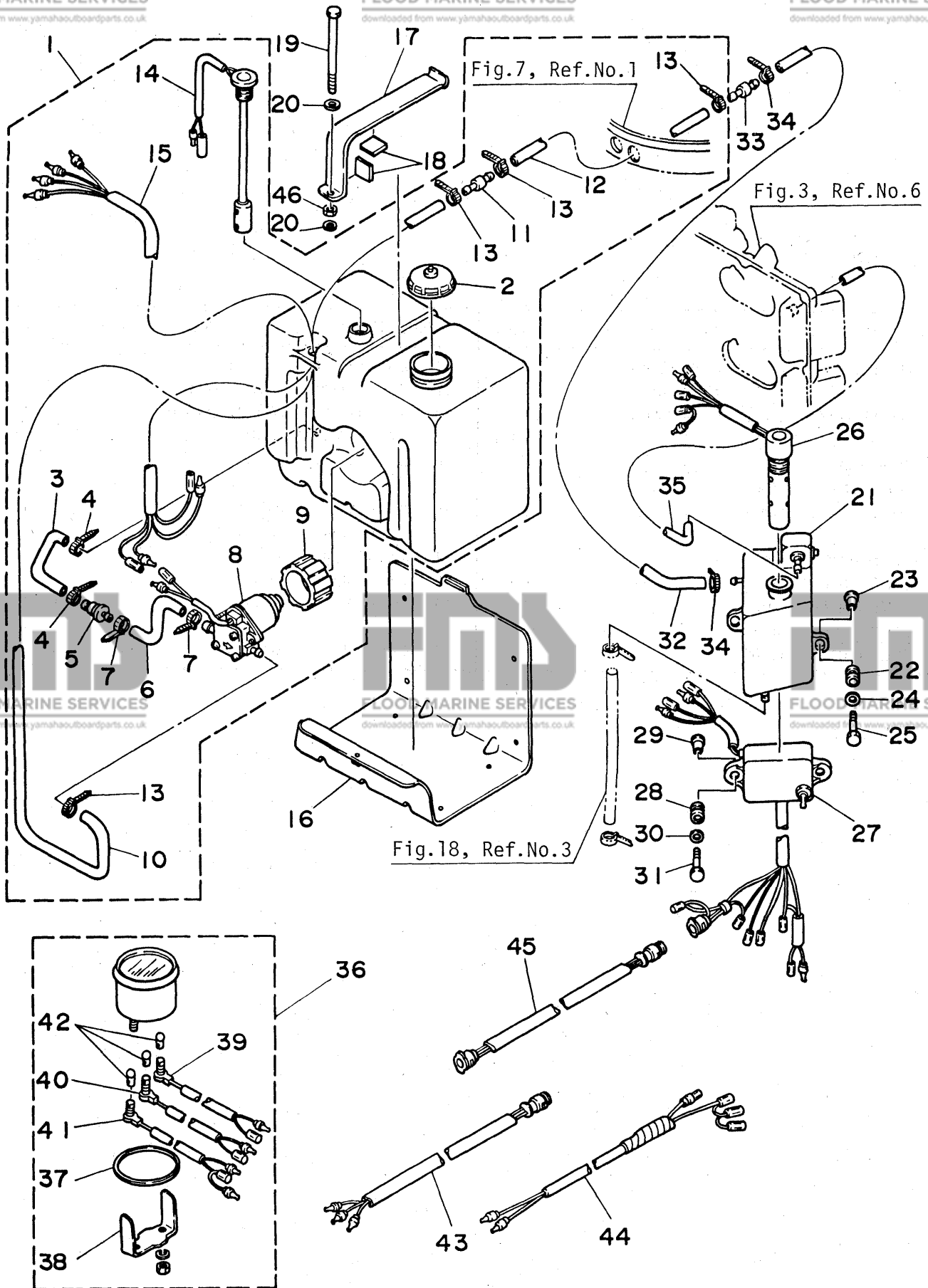
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Fig. 19 OIL TANK

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-21708-00	OIL TANK SUB-ASS'Y	1	24	90201-06M62	WASHER	3
2	6E5-21770-00	. OIL TANK CAP ASS'Y	1	25	97313-06030	BOLT	3
3	6E5-24318-00	. PIPE	1	26	6E5-85730-00	OIL LEVEL GAUGE ASS'Y 2	1
4	90465-13M11	. CLAMP	2	27	6E5-85740-00	CONTROL UNIT	1
5	646-24251-01	. STRAINER	1	28	6A0-82317-00	DAMPER	2
6	6E5-24319-00	. PIPE 9	1	29	624-42542-00	PIPE	2
7	90465-13M11	. CLAMP	2	30	90201-06M62	WASHER	2
8	6E5-81900-00	. OIL FEED PUMP ASS'Y	1	31	97313-06030	BOLT	2
9	6E5-81922-00	. GROMMET 1	1	32	6E5-24323-00	PIPE 12	1
10	6E5-24321-00	. PIPE 10	1	33	6E5-24379-00	PIPE, joint	1
11	6E5-24379-00	. PIPE, joint	1	34	90465-13M11	CLAMP	2
12	90445-11M88	. HOSE	1	35	90445-05M61	HOSE	1
13	90465-13M11	. CLAMP	4	36	6E5-84301-00	OIL LEVEL WARNING LAMP	1
14	6E5-85720-00	. OIL LEVEL GAUGE ASS'Y 1	1	37	688-83523-00	. DAMPER	1
15	6E5-85721-00	. WIRE, lead	1	38	688-83514-00	. PLATE, fitting	1
16	6E5-21734-00-33	HOLDER, sub oil tank	1	39	6E5-83536-00	. SOCKET CORD ASS'Y 1	1
17	6E5-21798-00-33	BRACKET, damper	1	40	6E5-83536-10	. SOCKET CORD ASS'Y 2	1
18	6E5-21746-00	DAMPER	3	41	6E5-83536-21	. SOCKET CORD ASS'Y 3	1
19	97313-06100	BOLT	1	42	688-83516-10	. BULB (12V-3.4W)	3
20	92903-06600	WASHER	2	43	6E5-82551-00	WIRE, lead	1
21	6E5-21750-00	OIL TANK ASS'Y	1	44	6E5-84348-00	WIRE, lead	1
22	6A0-82317-00	DAMPER	3	45	6E5-83553-00	WIRE, lead	1
23	624-42542-00	PIPE	3	46	95390-06600	NUT	1

Fig. 20 POWER TRIM & TILT ASS'Y

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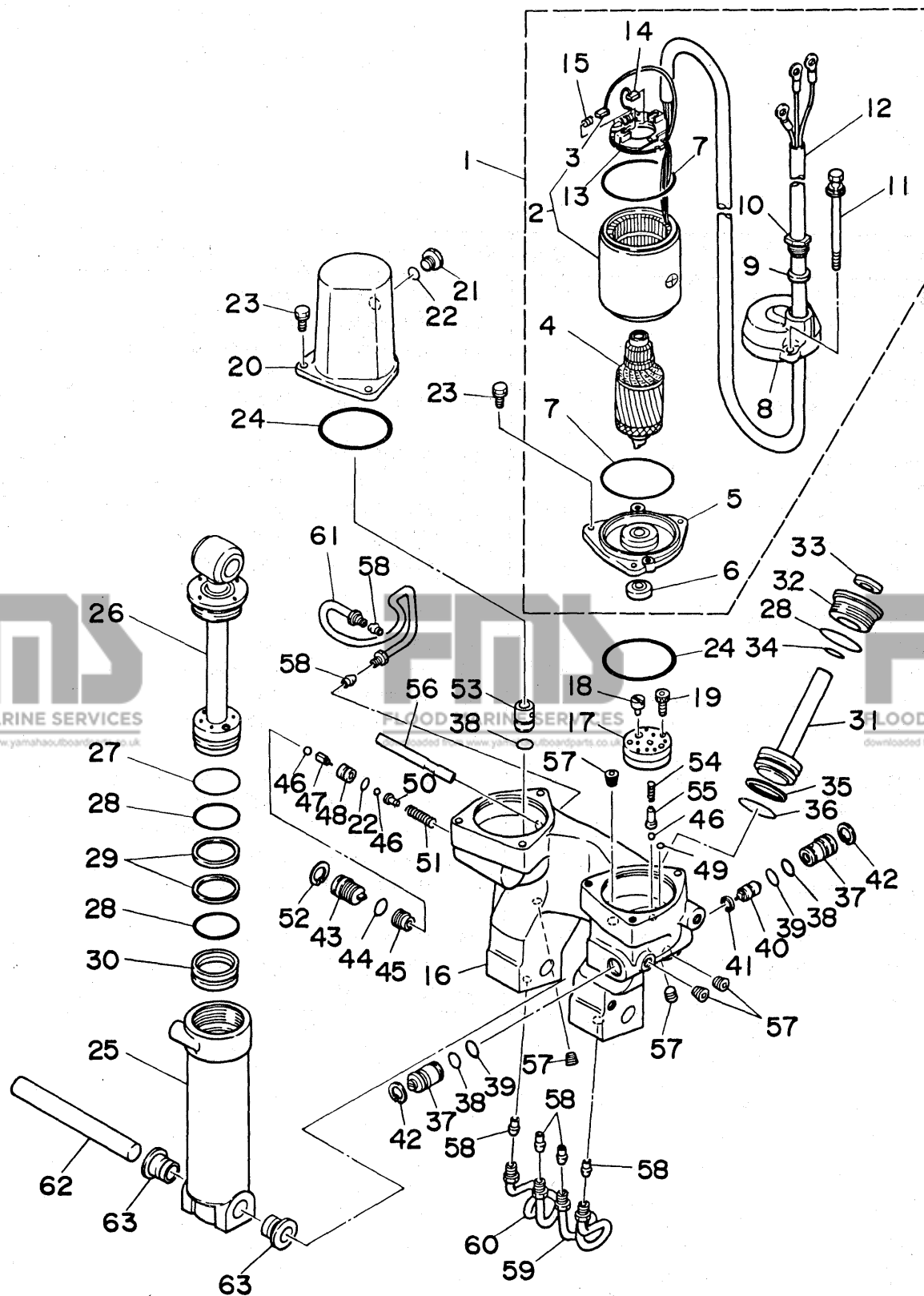
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Fig. 20 POWER TRIM & TILT ASS'Y

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
※	6E5-43800-01-EJ	POWER TRIM & TILT ASS'Y (See Fig. 9, Ref. No. 1)	1	32	6E5-43821-00	. SCREW, trim cylinder end	2
1	688-43880-10	. MOTOR ASS'Y	1	33	6E5-43822-00	. SEAL, trim dust	2
2	688-43804-01	. . STATOR ASS'Y	1	34	93210-16M40	. O-RING	2
3	688-43891-00	. . . BRUSH 1	1	35	6E5-43874-00	. RING, back up	2
4	688-43805-01	. . ARMATURE ASS'Y	1	36	93210-33M41	. O-RING	2
5	688-43881-01	. . FRAME, end	1	37	688-43802-00	. VALVE SUB ASS'Y (Main)	2
6	688-43882-00	. . OIL SEAL	1	38	688-43864-00	. O-RING	3
7	688-43883-00	. . O-RING	2	39	688-43865-00	. O-RING	2
8	688-43884-02	. . FRAME, commutator end	1	40	688-43841-00	. PISTON, shuttle	1
9	688-43885-01	. . GROMMET	1	41	688-43873-00	. RING, back up	1
10	688-43886-02	. . BOLT	1	42	688-43876-00	. RING, snap	2
11	688-43887-01	. . BOLT, through	2	43	688-43845-00	. SCREW, manual release	1
12	688-43807-10	. . WIRE SUB ASS'Y	1	44	688-43866-00	. O-RING	1
13	688-43806-01	. . BRUSH HOLDER ASS'Y	1	45	688-43846-00	. SCREW, manual valve seat	1
14	688-43891-00	. . BRUSH 2	1	46	688-43858-00	. BALL	3
15	90501-05M46	. . SPRING, brush	1	47	688-43848-00	. ROD, manual release	1
16	6E5-43825-00	. HOUSING, trim & tilt	1	48	688-43847-00	. SEAT, manual valve	1
17	688-43830-00	. GEAR PUMP ASS'Y	1	49	688-43868-00	. O-RING	1
18	688-43831-00	. CONNECTOR, shaft	1	50	6E5-43849-00	. PIN, valve support	1
19	688-43878-00	. BOLT, socket	3	51	6E5-43854-00	. SPRING, manual release	1
20	688-43828-00	. BODY, reservoir	1	52	688-43875-00	. RING, snap	1
21	688-43829-01	. PLUG, reservoir	1	53	6E5-43850-00	. VALVE SUB ASS'Y (Upper Relief)	1
22	688-43869-00	. O-RING	2	54	688-43856-00	. SPRING, down relief	1
23	688-43879-00	. SCREW, with washer	6	55	688-43844-01	. PIN, valve support	1
24	688-43867-00	. O-RING	2	56	688-43838-00	. PIPE, intake	1
25	6E5-43813-00	. CYLINDER, tilt	1	57	688-43826-00	. PLUG, taper screw	5
26	6E5-43810-01	. PISTON SUB ASS'Y (Tilt)	1	58	688-43832-00	. SEAT, union	6
27	688-43863-00	. O-RING	1	59	6E5-43833-00	. PIPE	1
28	688-43862-00	. O-RING	4	60	6E5-43834-00	. PIPE	1
29	688-43872-00	. RING, back up	2	61	688-43835-00	. PIPE	1
30	6E5-43814-00	. PISTON, free	1	62	6E5-43818-00	. PIN, lower shock mount	1
31	6E5-43820-01	. PISTON SUB ASS'Y (Trim)	2	63	90386-18M14	. BUSHING	2

※Not shown

Fig. 21 REPAIR KIT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G5-W0001-01	POWER HEAD GASKET KIT	1	32	6E5-14323-00	. SCREW, air adjusting	6
2	6E5-11381-00	. GASKET, cover	1	33	617-24565-00	. O-RING	6
3	6G5-11181-01	. GASKET, cylinder head	2	34	6G5-W0001-20	LOWER UNIT GASKET KIT	1
4	6G5-11193-01	. GASKET, head cover	2	35	6G5-41134-00	. GASKET, exhaust manifold 2	1
5	688-12414-00	. GASKET, thermostat cover	2	36	6G5-45114-00	. GASKET, upper casing 2	1
6	6G5-41112-00	. GASKET, exhaust cover	2	37	6E5-41135-00	. GASKET, exhaust manifold 3	1
7	6G5-11382-00	. GASKET, by-pass	1	38	90430-08020	. GASKET	2
8	93102-40H14	. OIL SEAL	1	39	6E5-45123-00	. GASKET, muffler	1
9	93211-04M36	. O-RING	2	40	6E5-44365-00	. RUBBER, water seal 1	1
10	93102-35M13	. OIL SEAL	1	41	6E5-44366-00	. RUBBER, water seal 2	1
11	93101-22M15	. OIL SEAL	1	42	93210-58144	. O-RING	1
12	93210-74M35	. O-RING	1	43	93106-09014	. OIL SEAL	1
13	6G5-14416-00	. GASKET, air cleaner	1	44	93210-86M38	. O-RING	1
14	6G5-14483-00	. GASKET, plate	1	45	93210-37160	. O-RING	1
15	6E5-14198-00	. GASKET	3	46	6E5-44315-00	. GASKET, water pump	1
16	6E5-13645-00	. GASKET, intake manifold	1	47	93101-28M16	. OIL SEAL	2
17	6E5-13621-00	. PACKING, valve seat	6	48	93210-55M14	. O-RING	1
18	6G5-45113-00	. GASKET, upper casing	1	49	93210-97M55	. O-RING	1
19	6G5-W0093-00	CARBURETOR REPAIR SET	1	50	93101-30M17	. OIL SEAL	2
20	6G5-14483-00	. GASKET, plate	1	51	6G5-W0078-00	WATER PUMP REPAIR KIT	1
21	6E5-14198-00	. GASKET	1	52	6E5-44322-00	. INSERT, cartridge	1
22	6E5-14390-20	. VALVE SEAT ASS'Y	3	53	93210-86M38	. O-RING	1
23	367-14195-00	. GASKET	3	54	93210-37160	. O-RING	1
24	6E5-14386-01	. PIN, float	3	55	6E5-44352-00	. IMPELLER	1
25	6E5-14385-00	. FLOAT ASS'Y	3	56	6G5-44323-00	. OUTER PLATE, cartridge	1
26	6E5-14384-02	. GASKET, float chamber	3	57	6E5-44315-00	. GASKET, water pump	1
27	1J2-14398-00	. GASKET	6	58	93606-12019	. PIN, dowel B	1
28	6E5-14398-00	. GASKET	3	59	97395-08045	. BOLT	4
29	682-41291-00	. BUSHING	1	60	90209-08M02	. WASHER	4
30	97803-05017	. SCREW, panhead	3	61	90280-04M05	. KEY, woodruff	1
31	98902-04010	. SCREW	3				

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Fig. 1 CRANKCASE & CYLINDER

Fig.7, Ref.No.1

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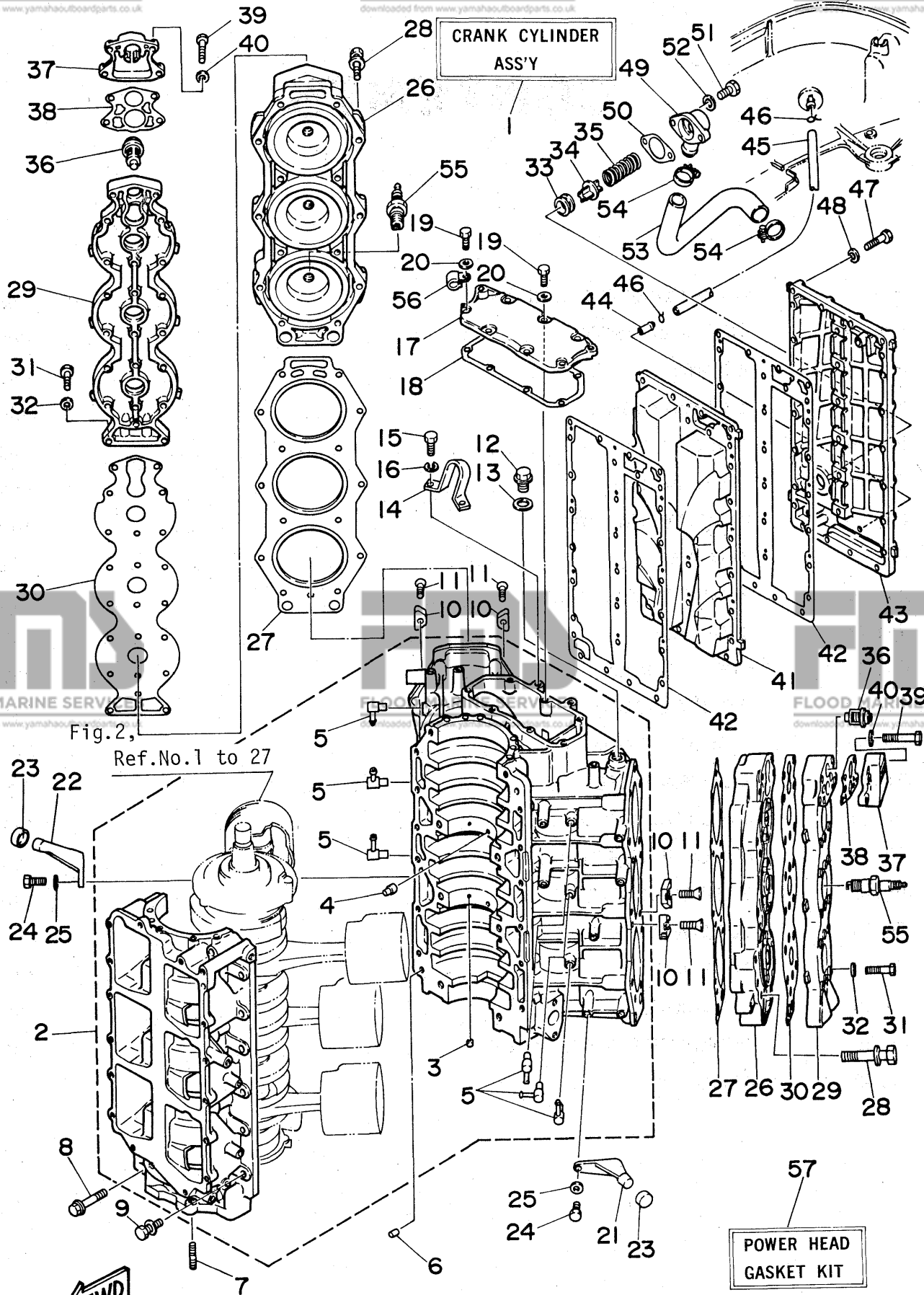


Fig. 1 CRANKCASE & CYLINDER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G7-W0090-01-EK	CRANK CYLINDER ASS'Y (Ref. No. 2 to 56 and Fig. 2, Ref. No. 1 to 27)	1	29	6G5-11191-00-9M	COVER, cylinder head	2
2	6G7-15100-00-94	CRANKCASE ASS'Y	1	30	6G5-11193-01	GASKET, head cover	2
3	624-11379-00	. VALVE, check	2	31	97313-06030	BOLT	36
4	663-11518-01	. LOCK, bearing	2	32	92903-06600	WASHER	36
5	646-11370-00	. CHECK VALVE ASS'Y	6	33	90480-20M05	GROMMET	1
6	93608-12063	PIN, dowel B	2	34	6G5-12416-00	VALVE, pressure control	1
7	90116-08M14	BOLT, stud	2	35	90501-16M11	SPRING, compression	1
8	90105-10M20	BOLT	8	36	6E5-12411-00	THERMOSTAT	2
9	90119-08M23	BOLT, with washer	12	37	6G5-12413-00-9M	COVER, thermostat	2
10	6E5-11325-00	ANODE	8	38	688-12414-00	GASKET, thermostat cover	2
11	98680-04016	SCREW, ovalhead	8	39	97313-06045	BOLT	8
12	90340-14M00	PLUG, straight screw	1	40	92903-06600	WASHER	8
13	90430-14115	GASKET	1	41	6G5-41111-00-9M	INNER COVER, exhaust	1
14	6E5-11119-00	HANGER, engine	1	42	6G5-41112-00	GASKET, exhaust cover	2
15	97313-08020	BOLT	2	43	6G5-41113-00-9M	OUTER COVER, exhaust	1
16	92903-08100	WASHER	2	44	650-24378-00	PIPE, joint 3	1
17	6E5-11371-00-9M	COVER	1	45	6E5-24312-00	HOSE 2	1
18	6E5-11381-00S	GASKET, cover	1	46	90467-08004	CLIP	2
19	97313-06020	BOLT	7	47	97313-06035	BOLT	29
20	92903-06600	WASHER	7	48	92903-06600	WASHER	29
21	6E5-42761-00-94	STOPPER 1	1	49	6G5-11372-00	COVER, by-pass	1
22	6E5-42762-00-94	STOPPER 2	1	50	6G5-11382-00	GASKET, by-pass	1
23	663-44533-00	DAMPER	2	51	97313-06020	BOLT	2
24	97313-06020	BOLT	4	52	92990-06600	WASHER	2
25	92903-06600	WASHER	4	53	6G5-12576-00	HOSE 1	1
26	6G7-11111-00-94	HEAD, cylinder	2	54	90465-13M18	CLAMP	2
27	6G5-11181-01	GASKET, cylinder head	2	55	94702-00247	PLUG, spark (BR8HS 10) NGK	6
28	90119-08M21	BOLT, with washer	28	56	90465-08M07	CLAMP	1
				■ 57	6G5-W0001-01	POWER HEAD GASKET KIT	1

■ See Fig. 22 for detail service parts.

Fig. 2 CRANK & PISTON

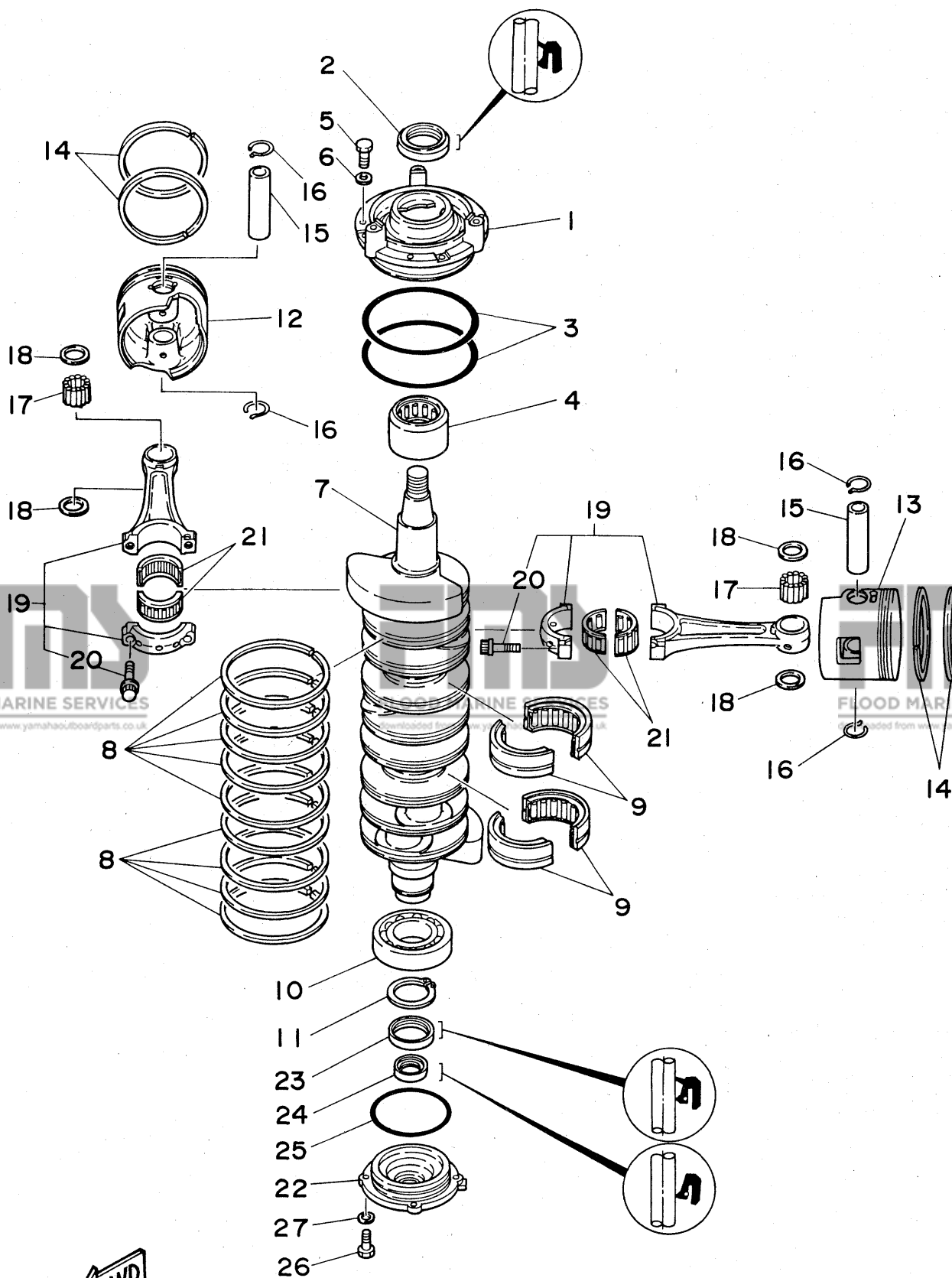


Fig. 2 CRANK & PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-15163-00-94	HOUSING, bearing 1	1	14	6E5-11610-01	PISTON RING SET (S.T.D.)	6
2	93102-40M14	OIL SEAL	1	※	6E5-11610-11	PISTON RING SET (1st O.S.)	6 A.P.
3	93211-04M36	O-RING	2	※	6E5-11610-21	PISTON RING SET (2nd O.S.)	6 A.P.
4	93311-940U3	BEARING, needle	1	15	6E5-11633-01	PIN, piston	6
5	97313-06020	BOLT	4	16	6E5-11634-00	CLIP, piston pin	12
6	92903-06600	WASHER	4	17	93603-21111	BEARING, con-rod small end	180
7	6G5-11411-00	SHAFT, crank 1	1	18	90201-21M75	WASHER	12
8	6E5-11447-00	SEAL, ring	9	19	6E5-11650-01	CONNECTING ROD ASS'Y	6
9	93310-954V3	BEARING, needle	2	20	90109-08462	. BOLT	12
10	93306-208U0	BEARING (B6208)	1	21	93310-836V2	BEARING, needle	6
11	93410-40M03	CIRCLIP	1	22	6G5-15359-00-94	HOUSING, oil seal	1
12	6G7-11631-00-93	PISTON 1 (S.T.D.)	3	23	93102-35M13	OIL SEAL	1
※	6G7-11635-00	PISTON 1 (1st O.S.)	3 A.P.	24	93101-22M15	OIL SEAL	1
※	6G7-11636-00	PISTON 1 (2nd O.S.)	3 A.P.	25	93210-74M35	O-RING	1
13	6G7-11642-00-93	PISTON 2 (S.T.D.)	3	26	97395-06020	BOLT	4
※	6G7-11645-00	PISTON 2 (1st O.S.)	3 A.P.	27	92990-06600	WASHER	4
※	6G7-11646-00	PISTON 2 (2nd O.S.)	3 A.P.				

※Not shown

Fig. 3 INTAKE

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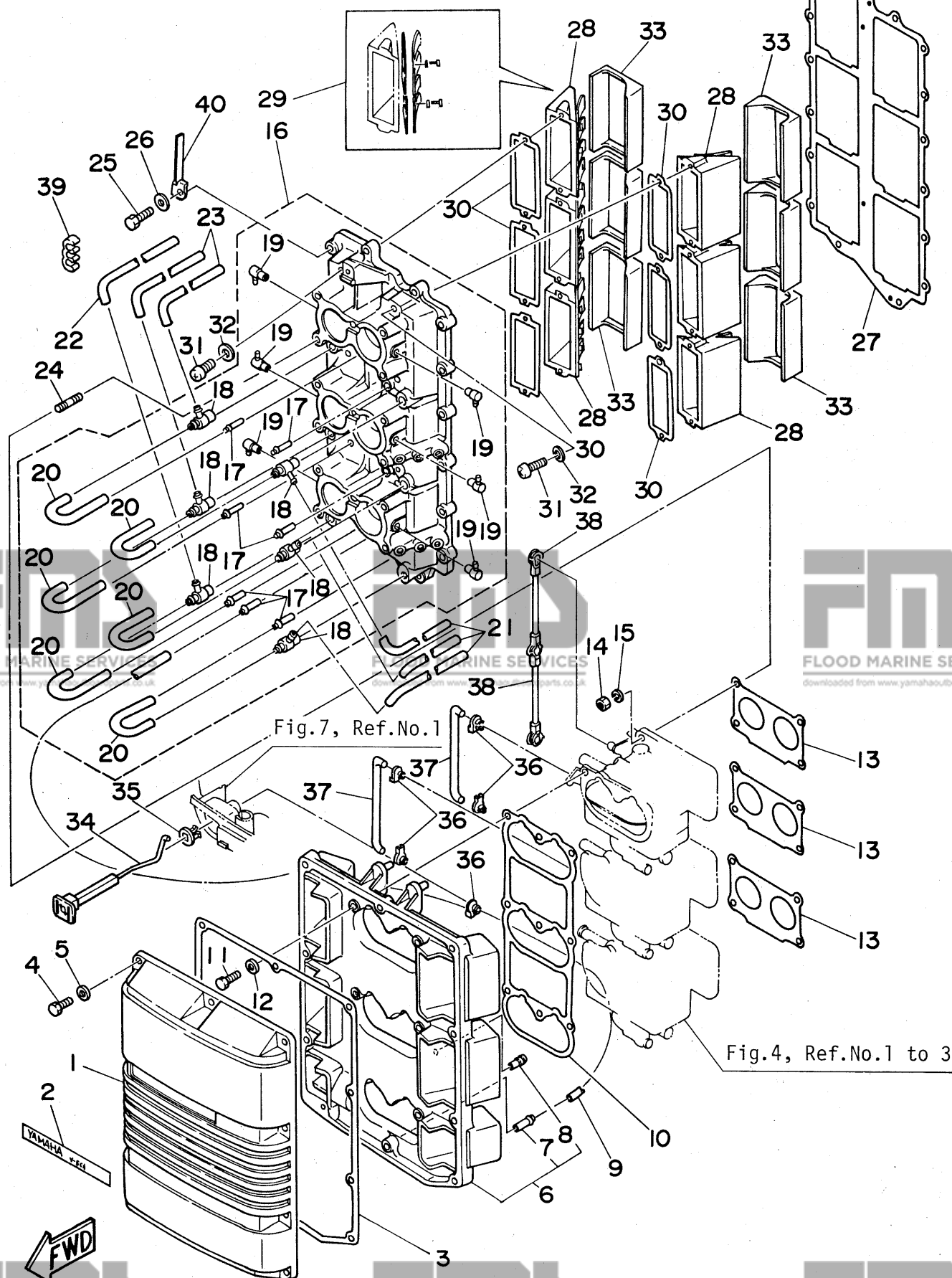
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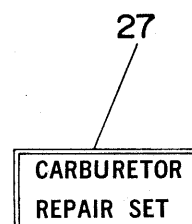
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Fig. 3 INTAKE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G5-14418-00	COVER 2	1	21	90445-07M45	HOSE	3
2	6G5-1441K-00	EMBLEM 1	1	22	90445-07M59	HOSE	1
3	6G5-14416-00	GASKET, air cleaner	1	23	90445-07M46	HOSE	2
4	97313-06020	BOLT	10	24	90116-06M08	BOLT, stud	12
5	92903-06600	WASHER	10	25	97313-06025	BOLT	16
6	6G5-14417-00-98	COVER 1	1	26	92903-06600	WASHER	16
7	624-14485-00	. PIPE, joint	1	27	6G5-13645-00	GASKET, intake manifold	1
8	6E5-14485-00	. PIPE, joint	1	28	6E5-13610-00	REED VALVE ASS'Y	6
9	90445-07M23	HOSE	1	29	6E5-W0004-00	. REED SET	6
10	6G5-14483-00	GASKET, plate	1	30	6E5-13621-00	PACKING, valve seat	6
11	97313-06020	BOLT	6	31	97803-05016	SCREW, panhead	12
12	92903-06600	WASHER	6	32	92903-05600	WASHER	12
13	6E5-14198-00	GASKET	3	33	6G5-13625-00	SPACER, reed valve	6
14	95303-06600	NUT	12	34	6E5-41271-00	KNOB, choke	1
15	92903-06100	WASHER	12	35	689-41273-00	GROMMET	1
16	6G5-13641-10-94	MANIFOLD, intake 1	1	36	661-41262-02	JOINT, choke lever	5
17	624-14485-00	. PIPE, joint	7	37	6E5-41256-00	ROD, choke link	2
18	6E5-11375-00	. CHECK VALVE	6	38	6G5-41217-00	ROD, accel. lever	2
19	6E5-13552-00	. NOZZLE	6	39	90464-07M05	CLAMP	2
20	90445-07M28	. HOSE	1	40	90465-07M20	CLAMP	3

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Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G7-14301-00	CARBURETOR ASS'Y (Upper)	1	15	6E5-14337-95	. JET, air main (1.9ø)	6
2	6G7-14302-00	CARBURETOR ASS'Y (Center)	1	16	6E5-14383-00	. SCREW, drain	3
3	6G7-14303-00	CARBURETOR ASS'Y (Lower)	1	17	6E5-14398-00	. GASKET	3
4	6G4-14381-00	. BODY, float chamber	3	18	650-14321-00	. SCREW, throttle (Upper)	1
5	97803-05017	. SCREW, panhead	12	19	647-14334-00	. SCREW, air adjusting (Upper)	1
6	6E5-14384-02	. GASKET, float chamber	3	20	6G5-14323-00	. SCREW, air adjusting	6
7	6E5-14385-00	. FLOAT ASS'Y	3	21	650-14223-00	. SPRING	6
8	6E5-14386-01	. PIN, float	3	22	682-41291-00	. BUSHING (Center)	1
9	6G7-14341-00	. NOZZLE, main	6	23	617-24565-00	. O-RING	6
10	6E5-14343-83	. JET, main (#165)	6	24	6G5-14328-00	. SCREW, pilot stop	6
11	1J2-14398-00	. GASKET	6	25	367-14195-00	. GASKET	3
12	6G4-14342-50	. JET, pilot (#100)	6	26	98902-04010	. SCREW	3
13	6E5-14390-20	. VALVE SEAT ASS'Y	3	27	6G5-W0093-00	CARBURETOR REPAIR SET	1
14	6E5-14347-30	. JET, air slow	6				

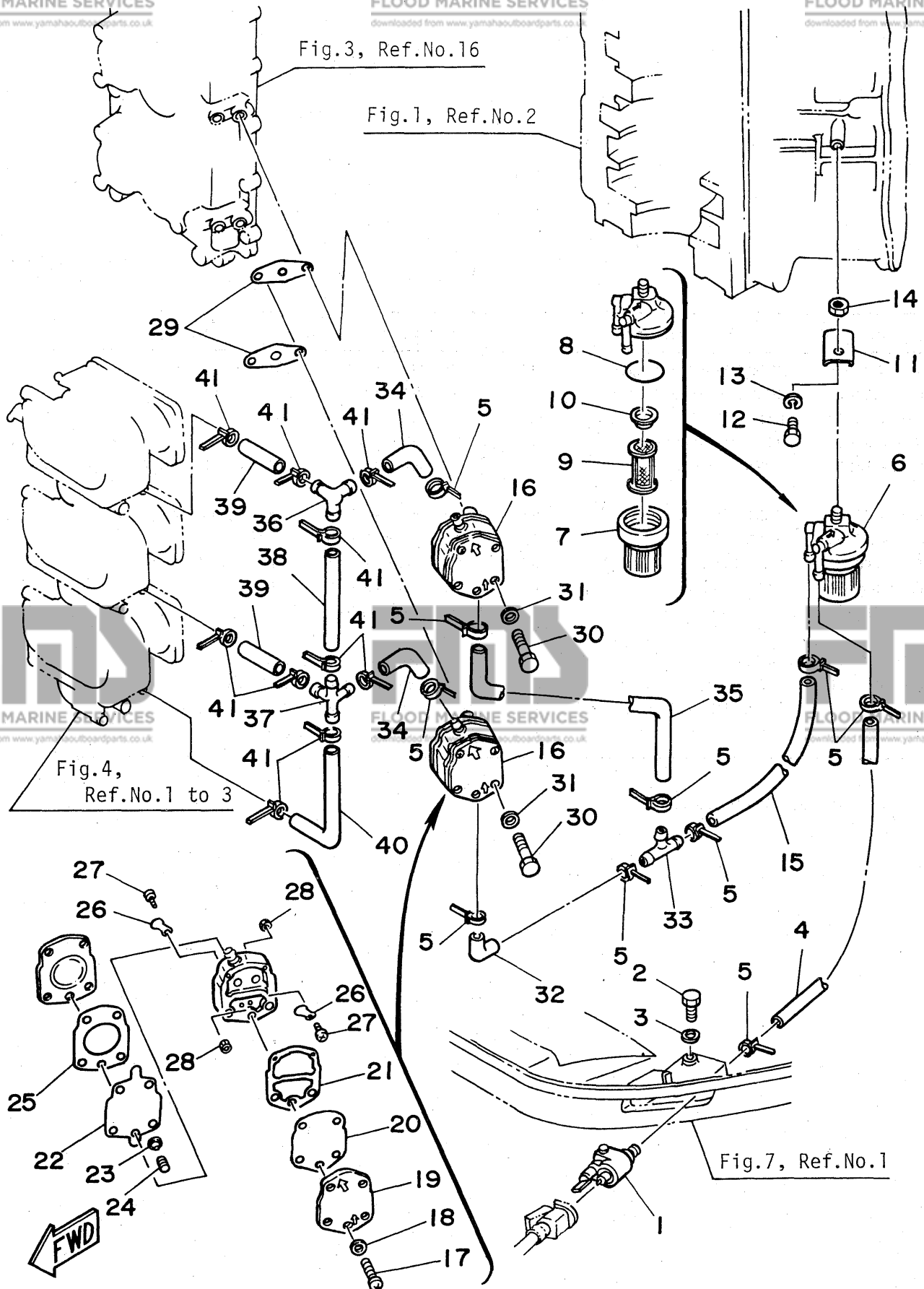
♣See Fig. 22 for detail service parts.

Fig. 5 FUEL

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Fig. 5 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-24304-00-94	FUEL PIPE JOINT COMP. 1	1	22	6E5-24411-00	. DIAPHRAGM	2
2	97313-06020	BOLT	1	23	648-24424-00	. PLATE, spring guide	2
3	92903-06600	WASHER	1	24	6E5-24423-00	. SPRING, diaphragm	2
4	6G5-24313-00	HOSE 3	1	25	6E5-24434-00	. GASKET, body 1	2
5	90465-13M11	CLAMP	10	26	6A0-24421-01	. VALVE, check	8
6	6E5-24560-00	FILTER ASS'Y	1	27	98501-03006	. SCREW, panhead	8
7	655-24521-00	. CUP, filter	1	28	98813-03100	. NUT	8
8	93210-37M25	. O-RING	1	29	650-24431-00	GASKET, fuel pump	2
9	655-24563-00	. ELEMENT, filter	1	30	97313-06050	BOLT	4
10	655-24564-00	. PACKING, filter	1	31	92903-06600	WASHER	4
11	648-24566-01	BRACKET, filter	1	32	6E5-24315-00	HOSE 5	1
12	97313-06014	BOLT	1	33	6E5-24378-00	PIPE, joint 3	1
13	92903-06100	WASHER	1	34	6E5-24316-00	HOSE 6	2
14	95303-08600	NUT	1	35	6G5-24315-00	HOSE 5	1
15	6G5-24314-00	HOSE 4	1	36	6G5-24376-00	PIPE, joint 1	1
16	6E5-24410-00	FUEL PUMP ASS'Y	2	37	6G5-24377-00	PIPE, joint 2	1
17	98503-05035	. SCREW, panhead	6	38	6G5-24317-00	PIPE 7	1
18	92903-05600	. WASHER	6	39	6G5-24318-00	PIPE 8	2
19	6E5-24413-00	. COVER, pump	2	40	6G5-24319-00	PIPE 9	1
20	6E5-24471-00	. DIAPHRAGM	2	41	90465-13M11	CLAMP	10
21	6E5-24435-00	. GASKET, body 2	2				

Fig.6 TOP COWLING

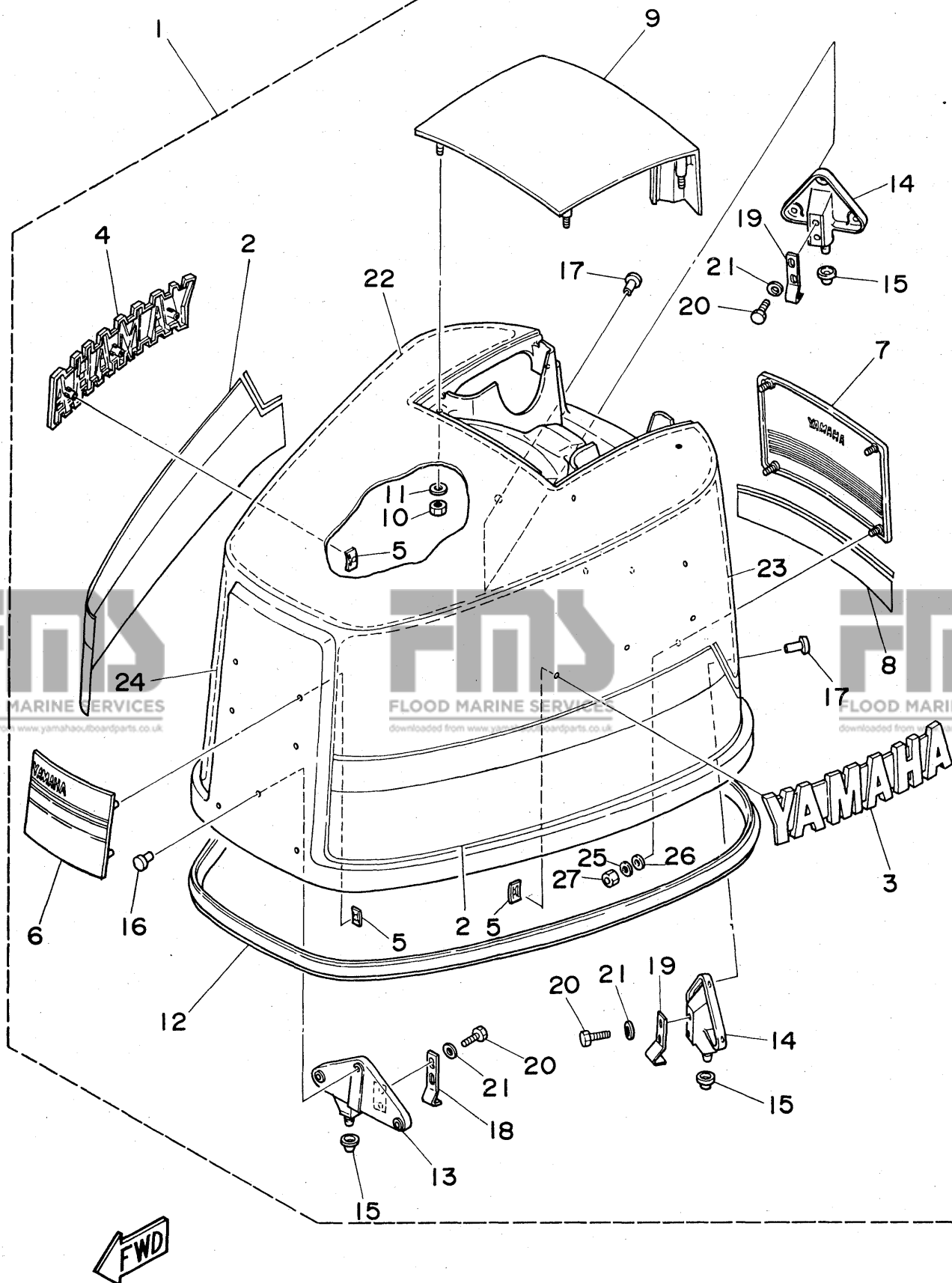


Fig. 6 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G7-42610-A0-EK	TOP COWLING ASS'Y	1	15	663-42662-00	. DAMPER 1	3
2	6G7-W0070-00	. GRAPHIC SIDE SET	1	16	90266-06009	. RIVET	3
3	6G7-42681-00	. MARK, cowling 1	1	17	90266-06M02	. RIVET	6
4	6G7-42682-00	. MARK, cowling 2	1	18	688-42652-00	. HOOK 2	1
5	90183-05M01	. NUT, spring	10	19	6E5-42652-00	. HOOK 2	2
				20	97395-06016	. BOLT	6
6	6G5-42686-00	. EMBLEM, front	1				
7	6G7-42687-A0	. EMBLEM, rear	1	21	92990-06600	. WASHER	6
8	6G7-42678-00	. GRAPHIC, rear	1	22	6E5-42617-00	. RUBBER, form 1	1
9	6G5-42613-00-EK	. MOLDING, air duct	1	23	6G5-42619-00	. RUBBER, form 2	1
10	95390-06600	. NUT	4	24	6G5-42627-00	. RUBBER, form 3	1
				25	90202-06058	. WASHER	4
11	92990-06600	. WASHER	4				
12	6E5-42615-00	. SEAL	1	26	90201-06068	. WASHER	4
13	6E5-42647-00-94	. HOLDER, clamp band 1	1	27	95390-06600	. NUT	4
14	6E5-42649-01-94	. HOLDER, clamp band 2	2				

Fig. 7 BOTTOM COWLING

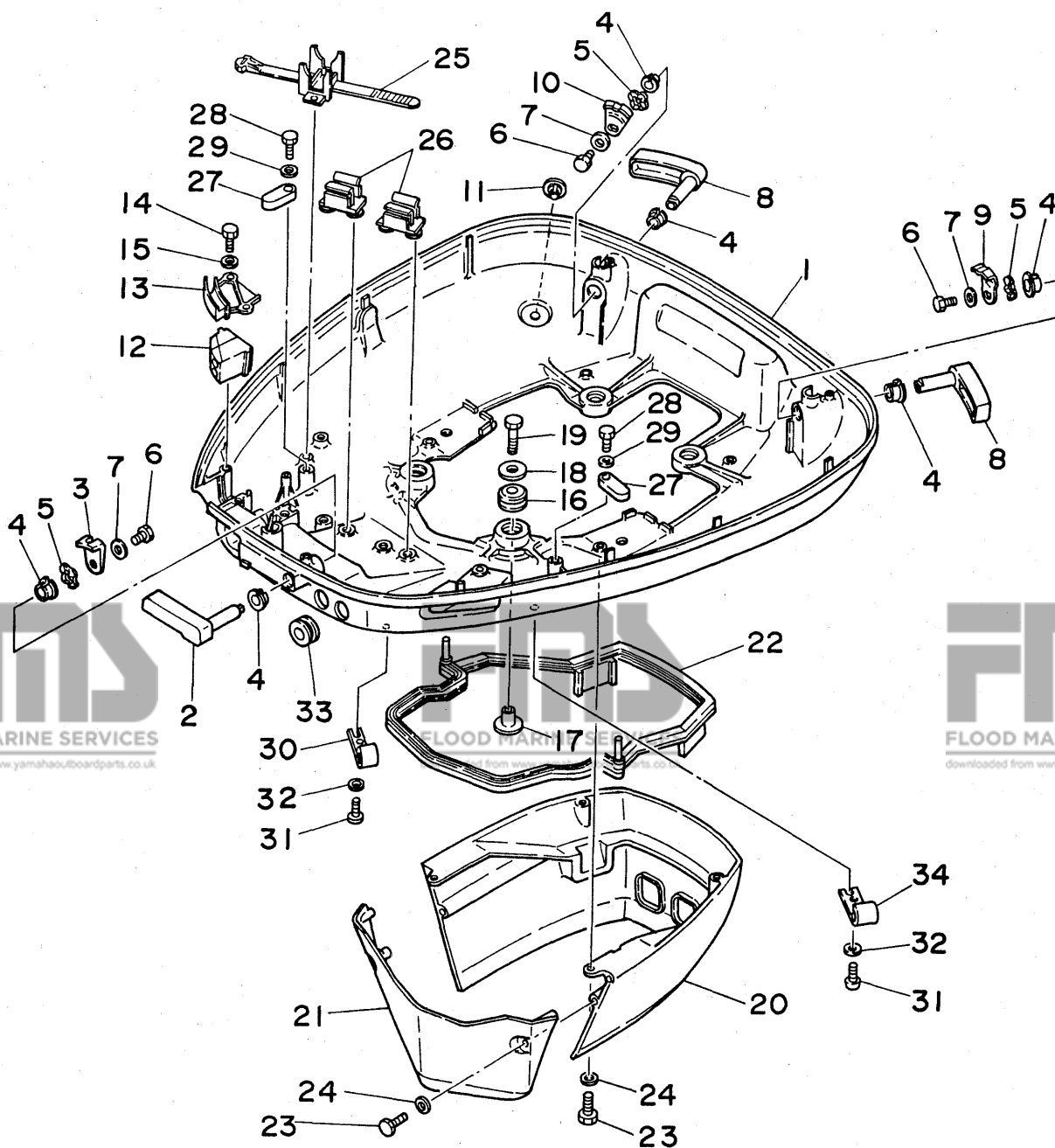
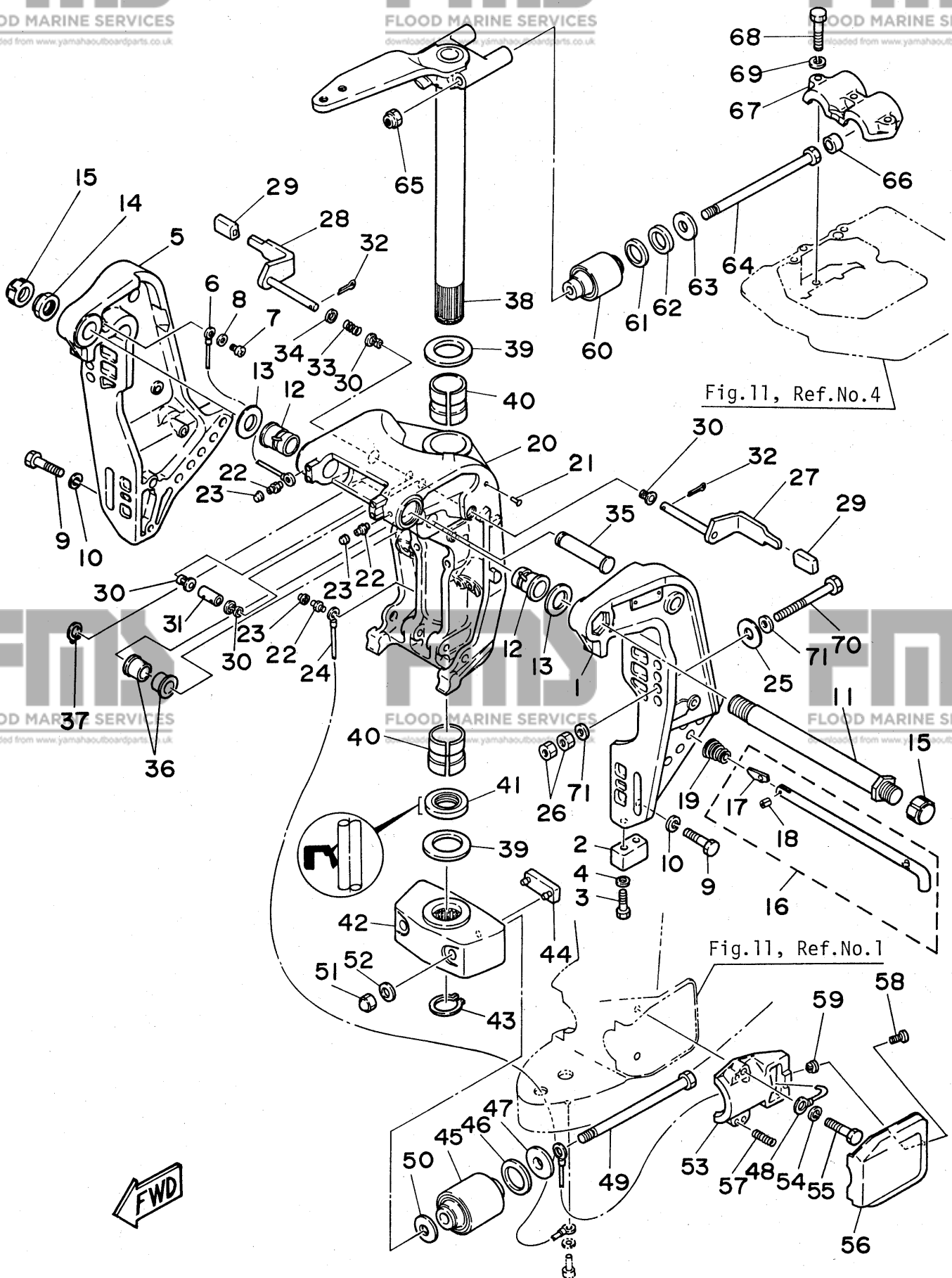


Fig. 7 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-42711-10-EK	COWLING, bottom	1	18	90201-08M54	WASHER	4
2	688-42815-00-EK	LEVER, clamp 1	1	19	97375-08035	BOLT	4
3	688-42816-00	LEVER, clamp 2	1	20	6E5-42741-00-EK	APRON 1	1
4	90386-13M38	BUSHING	6	21	6E5-42771-00-EK	APRON 2	1
5	90206-13M10	WASHER	3	22	6E5-42716-00	SEAL, rubber	1
6	97395-06012	BOLT	3	23	97395-06020	BOLT	6
7	90201-06068	WASHER	3	24	92990-06600	WASHER	6
8	6E5-42817-00-EK	LEVER, clamp 3	2	25	688-82594-00	CLAMP	1
9	6G5-42816-00	LEVER, clamp 2	1	26	6E5-82594-00	CLAMP	2
10	6E5-42816-01	LEVER, clamp 2	1	27	6E5-82588-00	PLATE	3
11	6E5-44391-00	NIPPLE, hose 1	1	28	97313-06020	BOLT	3
12	6E5-42725-10	GROMMET 2	1	29	92903-06600	WASHER	3
13	6E5-42738-00-94	PLATE, fitting	1	30	6E5-24367-01	CLAMP, fuel pipe 2	1
14	97313-06016	BOLT	2	31	90157-06M01	SCREW, panhead	2
15	92903-06600	WASHER	2	32	92990-06600	WASHER	2
16	90480-22M15	GROMMET	4	33	90480-21M33	GROMMET	2
17	90387-08M37	COLLAR	4	34	6E5-24367-10	CLAMP, fuel pipe 2	1

Fig. 8 BRACKET



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-43111-00-EK	BRACKET, clamp 1	1	37	93410-18M02	CIRCLIP	1
2	6E5-45251-00	ANODE	1	38	6E5-42510-00-EK	STEERING BRACKET ASS'Y (Long)	1 U.R.
3	97395-06025	BOLT	2	※	6E5-42510-20-EK	STEERING BRACKET ASS'Y (Ultra Long)	1 U.R.
4	92990-06600	WASHER	2	39	90201-38M60	WASHER	2
5	6E5-43112-00-EK	BRACKET, clamp 2	1	40	90386-38M32	BUSHING	2
6	6E5-82148-00	WIRE, lead 4	1	41	93109-38M02	OIL SEAL	1
7	97890-06012	SCREW, panhead	1	42	6E5-44551-00-EK	HOUSING, lower mount	1
8	92990-06600	WASHER	1	43	93410-37M04	CIRCLIP	1
9	97395-10045	BOLT	6	44	6E5-44575-00	DAMPER, lower mount rubber	1
10	92990-10100	WASHER	6	45	6G5-44555-00-94	MOUNT RUBBER, lower side	2
11	6E5-43131-00	BOLT, clamp bracket	1	46	90202-32M19	WASHER	2
12	90386-25M31	BUSHING	2	47	90201-16M55	WASHER	2
13	90201-26M59	WASHER	2	48	6E5-82149-00	WIRE, lead 3	1
14	90185-22043	NUT, self-locking	1	49	90109-14M10	BOLT	2
15	663-43145-00	CAP, clamp bracket	2	50	90201-15M58	WASHER	2
16	6E5-43160-10	TILT ROD ASS'Y	1	51	95380-14800	NUT, crown	2
17	688-43165-00	. STOPPER PLATE	1	52	92990-14600	WASHER	2
18	91690-30014	. PIN, spring	1	53	6E5-44552-00-EK	HOUSING, lower mount rubber	2
19	90502-20M03	SPRING, conical	1	54	92990-10100	WASHER	4
20	6E5-43311-01-EK	BRACKET, swivel 1 (Long)	1 U.R.	55	97395-10045	BOLT	4
※	6E5-43311-21-EK	BRACKET, swivel 1 (Ultra Long)	1 U.R.	56	6E5-44553-00-EK	COVER, lower mount	2
21	90269-03010	RIVET 1	1	57	90501-16M28	SPRING, compression	4
22	93700-06004	NIPPLE, grease	3	58	92380-06015	SCREW, cylinderhead	2
23	663-45119-00	CAP, grease nipple	3	59	90179-06066	NUT	2
24	6E5-82147-00	WIRE, lead 4 (Long)	1 U.R.	60	6G5-44514-00-94	MOUNT RUBBER, upper side	2
※	6E5-82147-20	WIRE, lead 4 (Ultra Long)	1 U.R.	61	90201-26M57	WASHER	2
25	90201-12426	WASHER	4	62	90202-26M18	WASHER	2
26	95380-12600	NUT	8	63	90201-14M56	WASHER	2
27	6E5-43181-00	LEVER, tilt stop 1	1	64	90109-12M09	BOLT	2
28	6E5-43185-00	LEVER, tilt stop 2	1	65	90185-12058	NUT, self-locking	2
29	663-43318-00	COVER	2	66	663-44575-00	DAMPER, lower mount rubber	2
30	90386-10M16	BUSHING	4	67	6E5-44511-00-EK	COVER, upper mount rubber	1
31	90387-10M38	COLLAR	1	68	97395-10045	BOLT	3
32	91490-30025	PIN, cotter	2	69	92990-10100	WASHER	3
33	90501-10M21	SPRING, compression	1	70	90101-12M65	BOLT	4
34	92990-10600	WASHER	1	71	92990-12200	WASHER	8
35	6E5-43126-00	PIN, upper shock mount	1				
36	90386-18M44	BUSHING	2				

※Not shown

Fig. 9 POWER TRIM & TILT

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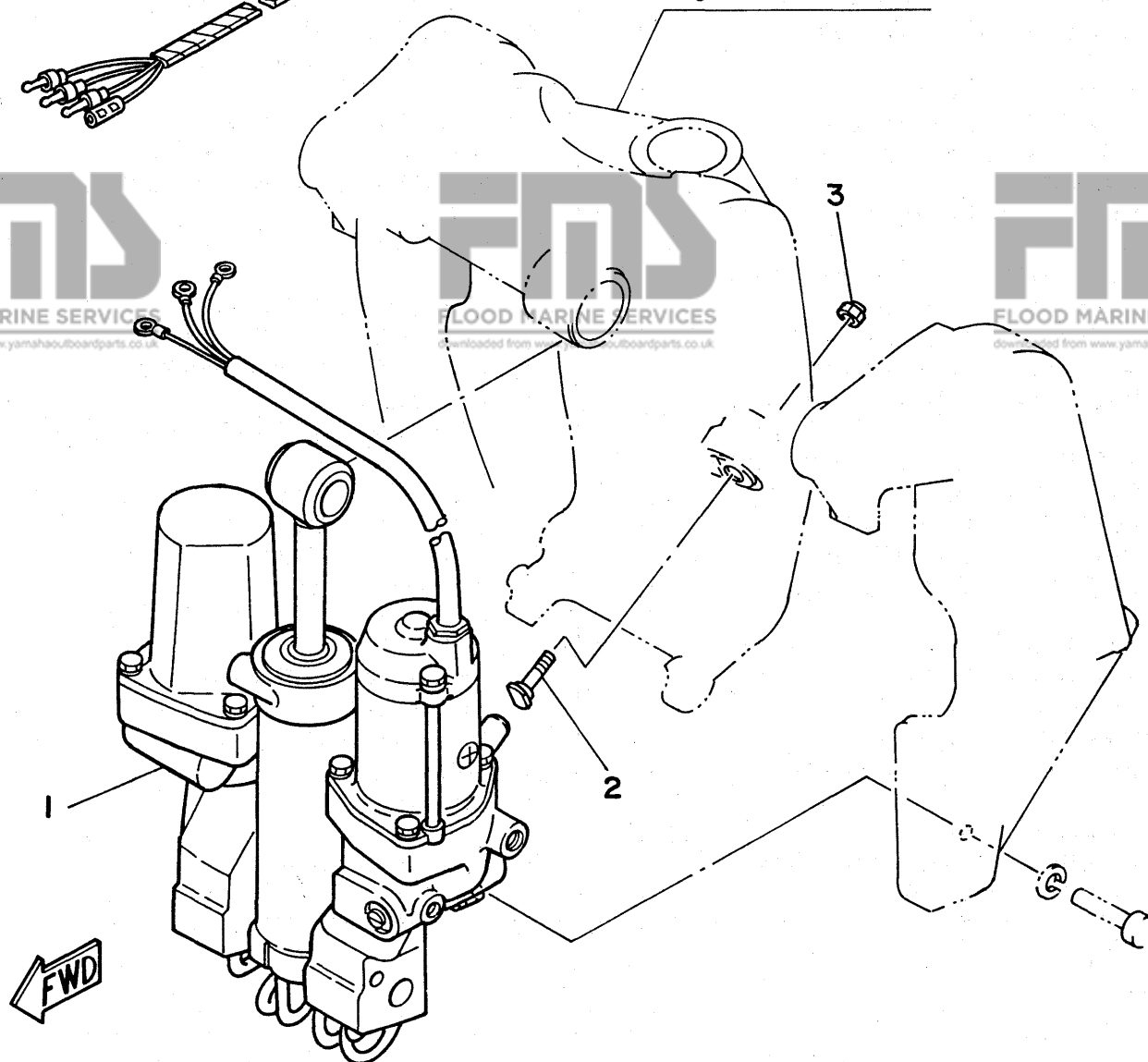
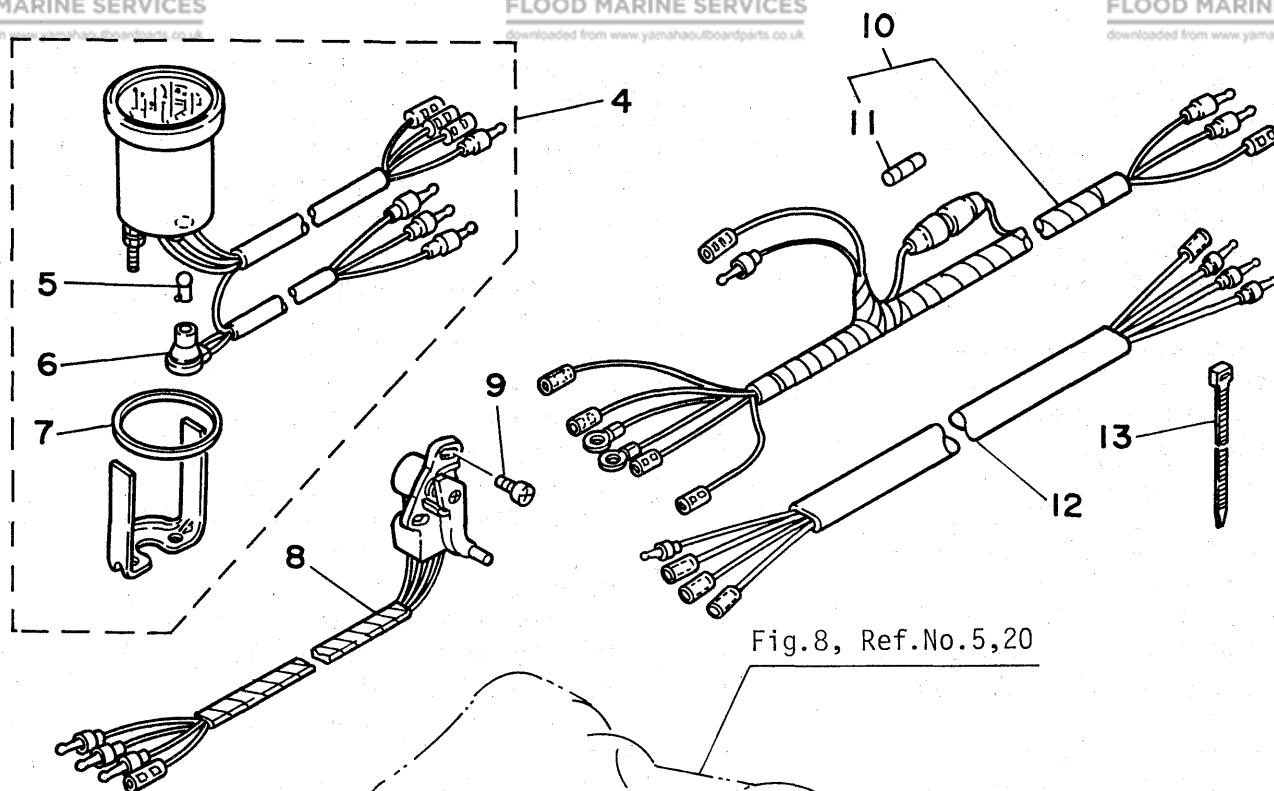
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Fig. 9 POWER TRIM & TILT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
▲1	6E5-43800-01-EK	POWER TRIM & TILT ASS'Y	1	8	6E5-83672-00	TRIM SENDER	1
2	6E5-43376-00	BOLT, thrust receiver	2	9	97890-06016	SCREW, panhead	2
3	90185-08057	NUT, self-locking	2	10	688-83553-10	WIRE, lead	1
4	688-83671-00	TRIM GAUGE	1	11	1E6-82151-00	. FUSE (12V-10A)	1
5	688-83516-00	. BULB (12V-1.7W)	1	12	6E5-82553-00	EXTENSION, wire harness	1
6	688-83536-00	. SOCKET, meter	1	13	90465-13M11	CLAMP	5
7	688-83664-00	. DAMPER	1				

▲See Fig. 21 for detail service parts.

Fig. 10 CONTROL

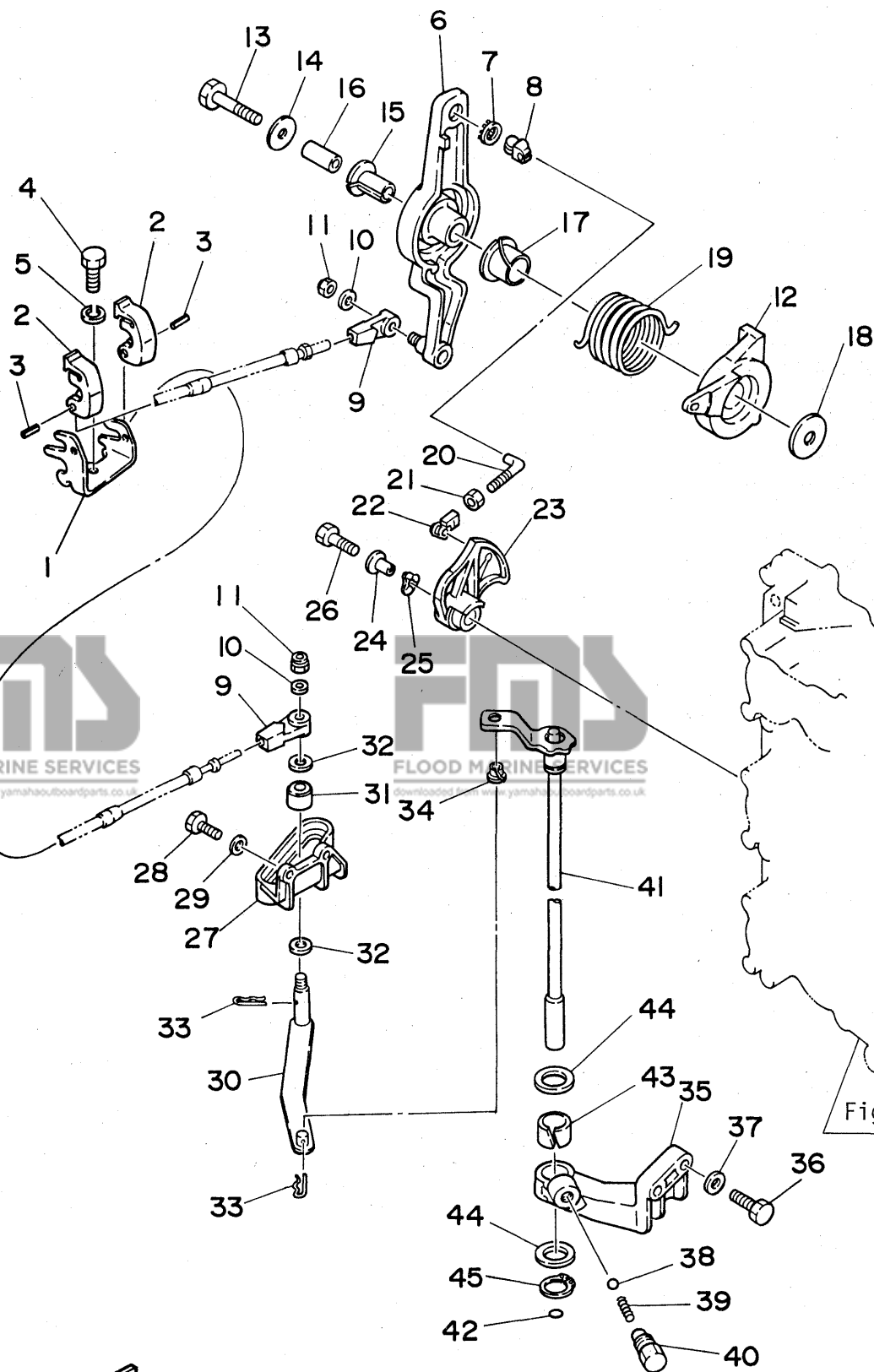


Fig.3, Ref.No.16



Fig. 10 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-48531-00	BRACKET, remote control	1	24	90387-06M29	COLLAR	1
2	6E5-48538-00	CLAMP, cable	2	25	90206-10049	WASHER	1
3	91690-30012	PIN, spring	2	26	97313-06025	BOLT	1
4	97313-08020	BOLT	1	27	6E5-44117-00-EK	BRACKET	1
5	92903-08100	WASHER	1	28	97313-06020	BOLT	2
6	6G5-41632-00-94	LEVER, magneto control 2	1	29	92903-06600	WASHER	2
7	6E5-41655-00	BUSHING	1	30	6E5-44121-00	LEVER, shift rod 1	1
8	6E5-41214-00	JOINT, ball	1	31	6E5-44122-00	BUSHING, shift rod lever	1
9	6E5-48344-00	CABLE END, remote control	2	32	90202-08M20	WASHER	2
10	92903-06200	WASHER	2	33	90468-18008	PIN, hair	2
11	90185-06062	NUT, self-locking	2	34	90386-06M12	BUSHING	1
12	6G7-41631-00-94	LEVER, magneto control 1	1	35	6E5-44118-00-EK	BRACKET 2	1
13	97313-08045	BOLT	1	36	97313-08030	BOLT	2
14	90201-08M23	WASHER	1	37	92903-08600	WASHER	2
15	90386-12089	BUSHING	1	38	93501-04M02	BALL	1
16	90387-08M16	COLLAR	1	39	90501-12082	SPRING, compression	1
17	90386-22M13	BUSHING	1	40	648-42715-00	BUSHING 2	1
18	90201-08M13	WASHER	1	41	6E5-44120-01	HANDLE GEAR SHIFT ASS'Y (Long)	1 U.R.
19	90508-29M12	SPRING, torsion	1	※	6E5-44120-21	HANDLE GEAR SHIFT ASS'Y (Ultra Long)	1 U.R.
20	6G5-41211-00S	LINK, accel.	1	42	93210-09165	O-RING	1
21	95303-05600	NUT	1	43	90386-16046	BUSHING	1
22	662-41237-01	JOINT, link 2	1	44	90202-16061	WASHER	2
23	6G5-41213-00	CAM, accel.	1	45	93410-16006	CIRCLIP	1

※Not shown

Fig. 11 UPPER CASING

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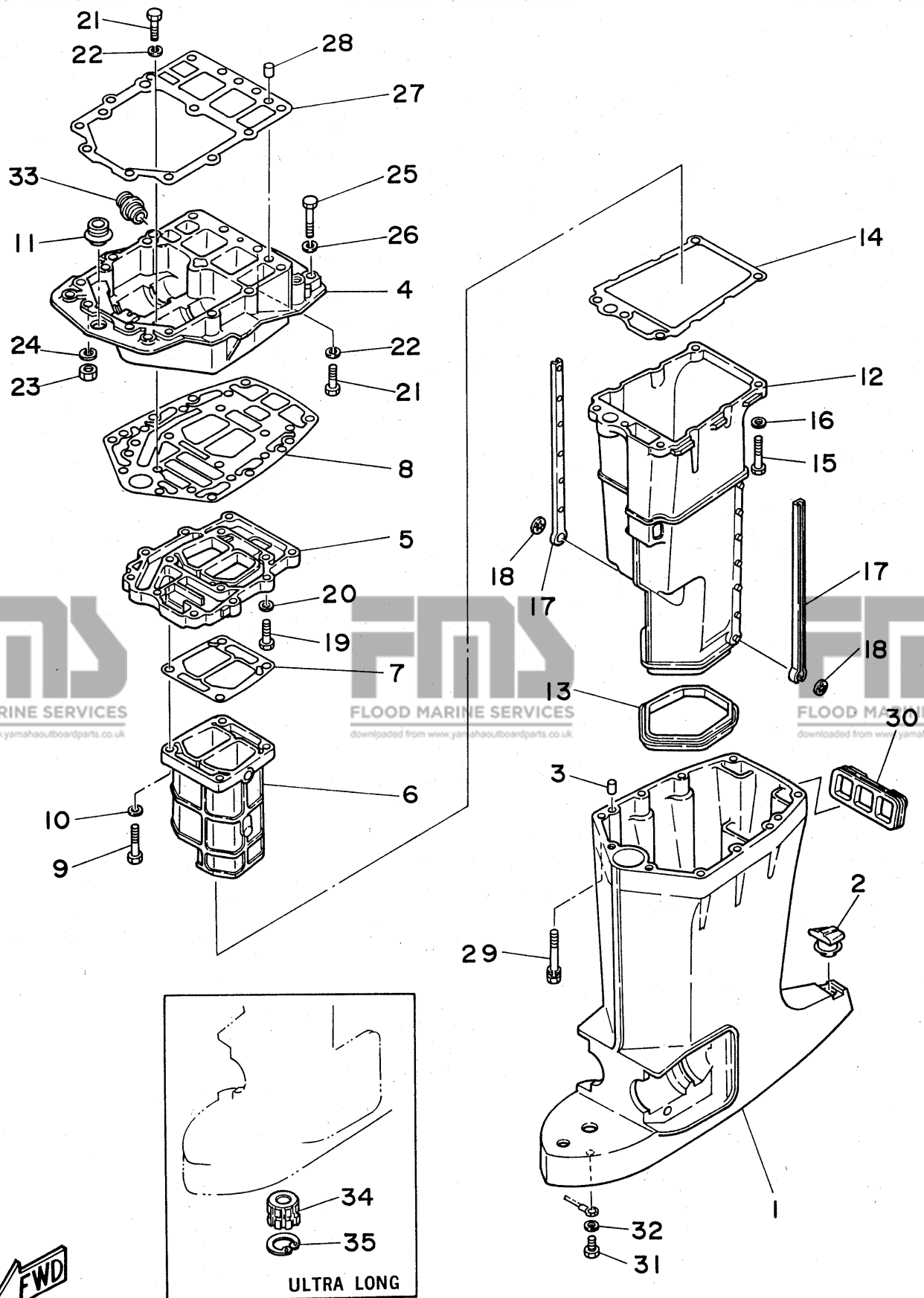
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Fig. 11 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-45111-00-EK	CASING, upper (Long)	1 U.R.	18	90183-05M02	NUT, spring	2
※	6E5-45111-20-EK	CASING, upper (Ultra Long)	1 U.R.	19	97395-08030	BOLT	4
2	6E5-45155-00	CAP	1	20	92990-08600	WASHER	4
3	93608-12M05	PIN, dowel B	2	21	97395-08030	BOLT	6
4	6G5-41137-00-94	GUIDE, exhaust	1	22	92990-08100	WASHER	6
5	6G5-41131-00-9M	MANIFOLD, exhaust 1	1	23	95380-08700	NUT	2
6	6G5-41132-00-9M	MANIFOLD, exhaust 2	1	24	92990-08100	WASHER	2
7	6G5-41134-00	GASKET, exhaust manifold 2	1	25	97395-08045	BOLT	2
8	6G5-45114-00	GASKET, upper casing 2	1	26	92990-08100	WASHER	2
9	97395-08045	BOLT	4	27	6G5-45113-00	GASKET, upper casing 1	1
10	92990-08600	WASHER	4	28	93608-12M05	PIN, dowel B	2
11	6E5-42724-00	GROMMET 1	1	29	90119-08M04	BOLT, hexagon with washer	6
12	6E5-14711-00-9M	MUFFLER	1	30	6E5-42769-00	SEAL, rubber	1
13	6E5-45123-00	GASKET, muffler	1	31	97395-06010	BOLT	1
14	6E5-41135-00	GASKET, exhaust manifold 3	1	32	92990-06600	WASHER	1
15	97395-08045	BOLT	5	33	6G5-12581-00	JOINT, hose 1	1
16	92990-08600	WASHER	5	34	6E5-45318-00	BUSHING, drive shaft 3 (Ultra Long)	1
17	6E5-14737-00	DAMPER, muffler	2	35	93420-36M01	CIRCLIP (Ultra Long)	1

※ Not shown

Fig. 12 LOWER & DRIVE I

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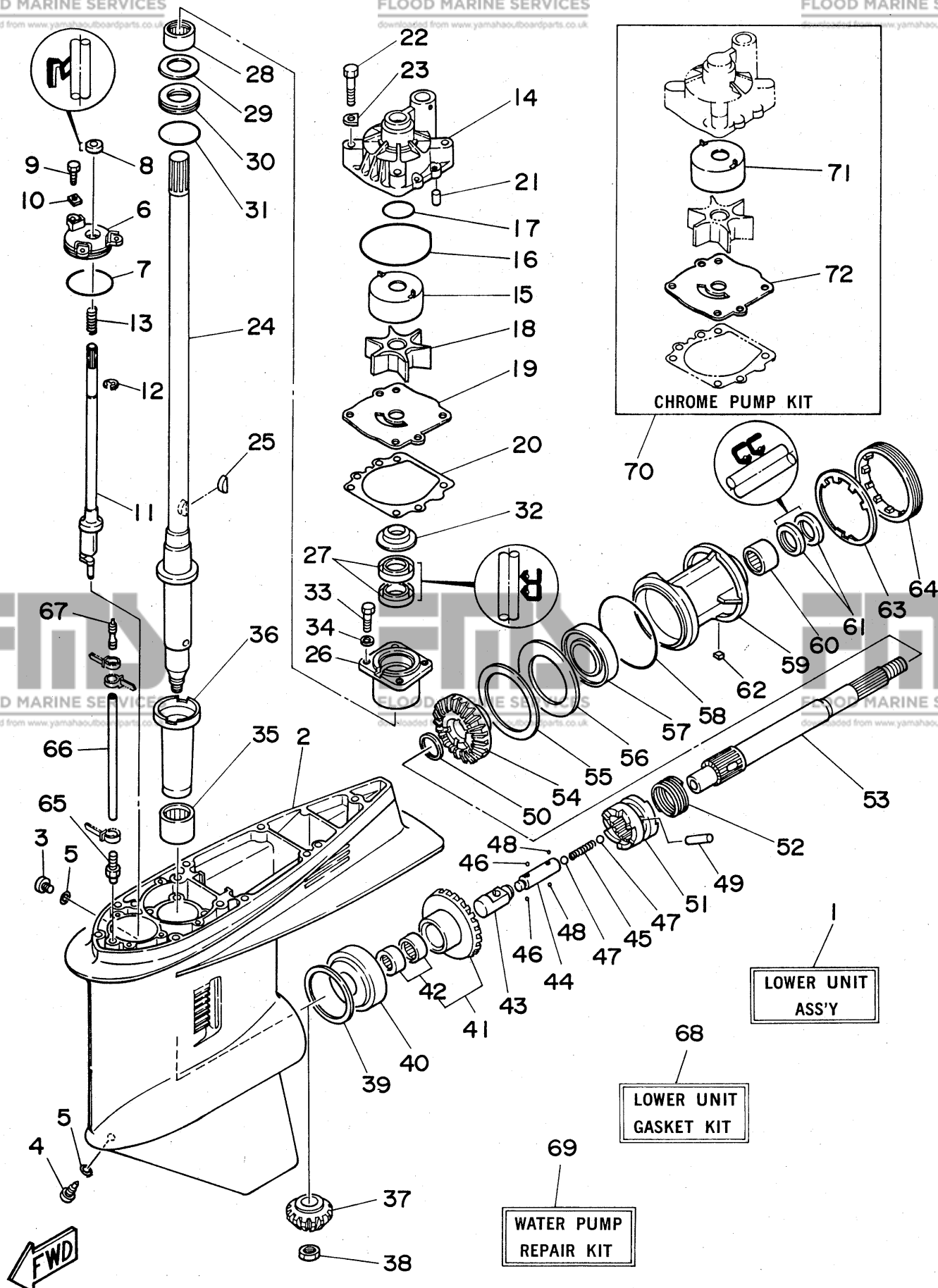
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Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G7-45300-10-EK	LOWER UNIT ASS'Y (Long) (Ref. No. 2 to 67)	1 U.R.	38	90170-16M01	NUT	1
※	6G7-45300-20-EK	LOWER UNIT ASS'Y (Ultra Long) (Ref. No. 2 to 67)	1 U.R.	39	6G5-45567-00-05	SHIM 1 (0.05mm)	1 U.R.
2	6G5-45301-00-EK	CASING, lower	1		6G5-45567-00-08	SHIM 1 (0.08mm)	1 U.R.
3	90340-08014	PLUG, straight screw	1		6G5-45567-00-12	SHIM 1 (0.12mm)	1 U.R.
4	90340-08M02	PLUG, straight screw	1		6G5-45567-00-30	SHIM 1 (0.30mm)	1 U.R.
5	90430-08020	GASKET	2		6G5-45567-00-50	SHIM 1 (0.50mm)	1 U.R.
6	6E5-45321-00	PLATE	1	40	93332-000V3	BEARING, taper roller	1
7	93210-58144	O-RING	1	41	6G7-45560-00	GEAR 1 ASS'Y (26T)	1
8	93106-09014	OIL SEAL	1	42	93315-425V3	. BEARING, needle	1
9	97395-06020	BOLT	3	43	6E5-45641-01	SHIFTER	1
10	90209-06M04	WASHER	3	44	6E5-45634-01	SLIDE, shift	1
11	6G5-44150-00	SHIFT CAM ASS'Y	1	45	90501-16M37	SPRING, compression	1
12	93430-08006	CIRCLIP	1	46	93507-32009	BALL	2
13	90501-11M10	SPRING	1	47	93511-32017	BALL	2
14	6E5-44311-00	HOUSING, water pump	1	48	93503-16003	BALL	2
15	6E5-44322-00	INSERT, cartridge	1	49	90250-08M07	PIN	1
16	93210-86M38	O-RING	1	50	90201-30M92	WASHER	1
17	93210-37160	O-RING	1	51	6G5-45631-00	CLUTCH, dog	1
18	6E5-44352-00	IMPELLER	1	52	6E5-45633-01	RING, cross pin	1
19	6G5-44323-00	OUTER PLATE, cartridge	1	53	6G5-45611-00	SHAFT, propeller	1
20	6E5-44315-00	GASKET, water pump	1	54	6G7-45571-00	GEAR 2 (26T)	1
21	93606-12019	PIN, dowel B	1	55	6E5-45577-00-05	SHIM 2 (0.50mm)	1 U.R.
22	97395-08045	BOLT	4		6E5-45577-00-08	SHIM 2 (0.08mm)	1 U.R.
23	90209-08M02	WASHER	4		6E5-45577-00-12	SHIM 2 (0.12mm)	1 U.R.
24	6G5-45501-00	DRIVE SHAFT COMP. (Long)	1 U.R.		6E5-45577-00-30	SHIM 2 (0.30mm)	1 U.R.
※	6G5-44501-20	DRIVE SHAFT COMP. (Ultra Long)	1 U.R.		6E5-45577-00-50	SHIM 2 (0.50mm)	1 U.R.
25	90280-04M05	KEY, woodruff	1	56	6G5-45576-00	WASHER, thrust 2	1
26	6E5-45331-00-94	HOUSING, bearing 1	1	57	93306-209U0	BEARING (B6208)	1
27	93101-28M16	OIL SEAL	2	58	93210-97M55	O-RING	1
28	93317-330U2	BEARING, needle	1	59	6G5-45332-00-94	HOUSING, bearing 2	1
29	6E5-45587-00-05	SHIM 3 (0.05mm)	1 U.R.	60	93315-430U8	BEARING, needle	1
	6E5-45587-00-08	SHIM 3 (0.08mm)	1 U.R.	61	93101-30M17	OIL SEAL	2
	6E5-45587-00-12	SHIM 3 (0.12mm)	1 U.R.	62	90282-04010	KEY, straight	1
	6E5-45587-00-30	SHIM 3 (0.30mm)	1 U.R.	63	6G5-45383-00	WASHER, claw	1
	6E5-45587-00-50	SHIM 3 (0.50mm)	1 U.R.	64	6G5-45384-00	NUT	1
30	93341-930U0	BEARING, thrust	1	65	6E5-45378-00	NIPPLE, hose	1
31	93210-55M14	O-RING	1	66	90445-07M31	HOSE (Long)	1 U.R.
32	6E5-45344-00	COVER, oil seal	1	※	90445-07M38	HOSE (Ultra Long)	1 U.R.
33	97395-08025	BOLT	4	67	6E5-83558-00	END, nipple	1
34	92990-08600	WASHER	4	▲68	6G5-W0001-20	LOWER UNIT GASKET KIT	1
35	93311-928U5	BEARING, needle	1	★69	6G5-W0078-00	WATER PUMP REPAIR KIT	1
36	6E5-45536-00	SLEEVE, drive shaft	1			CHROME PUMP KIT	
37	6G7-45551-00	PINION (15T)	1	70	6G5-W0078-0A	CHROME PUMP KIT	1
				71	6E5-44322-41	. INSERT, cartridge	1
				72	6G5-44323-40	. OUTER PLATE, cartridge	1

※ Not shown

▲ See Fig. 22 for detail service parts.

Fig. 13 LOWER & DRIVE 2

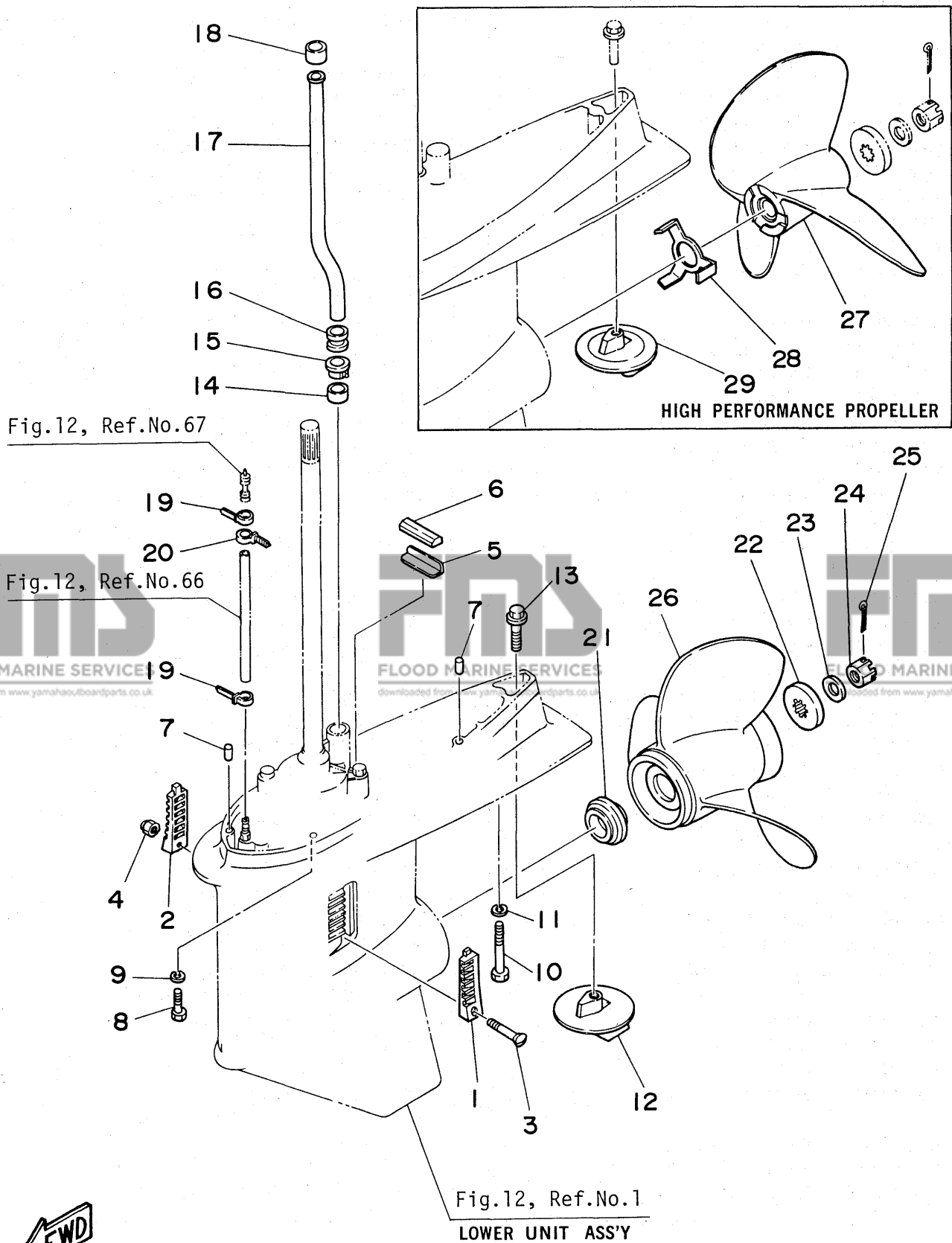


Fig. 13 LOWER & DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G5-45214-00	COVER, water inlet 1	1	24	90171-18M04	NUT, castle	1
2	6G5-45215-00	COVER, water inlet 2	1	25	91490-40030	PIN, cotter	1
3	90142-05M03	SCREW	1	26	6G5-45941-00-36	PROPELLER ASS'Y (3x15 $\frac{1}{4}$ "x15"-M)	1 U.R.
4	90185-05002	NUT, self-locking	1		6G5-45943-00-36	PROPELLER ASS'Y (3x13 $\frac{3}{4}$ "x21"-M)	1 U.R.
◆5	663-45376-00-94	GUIDE, rubber seal	1		6G5-45945-00-36	PROPELLER ASS'Y (3x14"x19"-M)	1 U.R.
◆6	688-45375-00	SEAL, rubber 2	1		6G5-45947-00-36	PROPELLER ASS'Y (3x14 $\frac{1}{2}$ "x17"-M)	1 U.R.
7	93608-12M05	PIN, dowel B	2		6G5-45949-00-36	PROPELLER ASS'Y (3x13 $\frac{1}{2}$ "x23"-M)	1 U.R.
8	97375-10045	BOLT	6		STAINLESS STEEL PROPELLER		
9	92990-10100	WASHER	6		6G5-45970-00-98	PROPELLER ASS'Y (3x15 $\frac{1}{4}$ "x15"-M)	1 U.R.
10	97375-10070	BOLT	1		6G5-45972-00-98	PROPELLER ASS'Y (3x13 $\frac{3}{4}$ "x21"-M)	1 U.R.
11	92990-10100	WASHER	1		6G5-45974-00-98	PROPELLER ASS'Y (3x14"x19"-M)	1 U.R.
12	6E5-45371-01	TAB-TRIM	1		6G5-45976-00-98	PROPELLER ASS'Y (3x13 $\frac{1}{2}$ "x23"-M)	1 U.R.
13	90105-10M00	BOLT	1		6G5-45978-00-98	PROPELLER ASS'Y (3x14 $\frac{1}{2}$ "x17"-M)	1 U.R.
◆14	6E5-44365-00	RUBBER, water seal 1	1		6G5-45930-00-98	PROPELLER ASS'Y (3x13 $\frac{3}{4}$ "x25"-M)	1 U.R.
◆15	6E5-44312-00	COVER, water pump housing	1		6G5-45932-00-98	PROPELLER ASS'Y (3x15 $\frac{1}{4}$ "x13"-M)	1 U.R.
					HIGH PERFORMANCE PROPELLER		
16	6E5-44366-00	RUBBER, water seal 2	1	27	6E5-45970-10	PROPELLER ASS'Y (3x14"x20"-P)	1 U.R.
17	6E5-44361-00	TUBE, water (Long)	1 U.R.		6E5-45972-10	PROPELLER ASS'Y (3x14"x24"-P)	1 U.R.
※	6E5-44361-20	TUBE, water (Ultra Long)	1 U.R.		6E5-45974-10	PROPELLER ASS'Y (3x14"x28"-P)	1 U.R.
18	6E5-44365-00	RUBBER, water seal 1	1		6E5-45976-10	PROPELLER ASS'Y (3x14"x22"-P)	1 U.R.
19	90465-11M10	CLAMP	2		6E5-45978-10	PROPELLER ASS'Y (3x14"x26"-P)	1 U.R.
20	90465-13M11	CLAMP	1	28	6E5-45994-10	PLATE, tooth	1
21	6E5-45987-00	SPACER 1	1	29	6E5-45371-10	TAB-TRIM	1
22	688-45997-00	SPACER 2	1				
23	92990-18200	WASHER	1				

※Not shown

◆Contents of lower unit ass'y (Parts No. 6G7-45300-10-EK, 6G7-45300-20-EK)

Fig. 14 C·D·I· MAGNETO

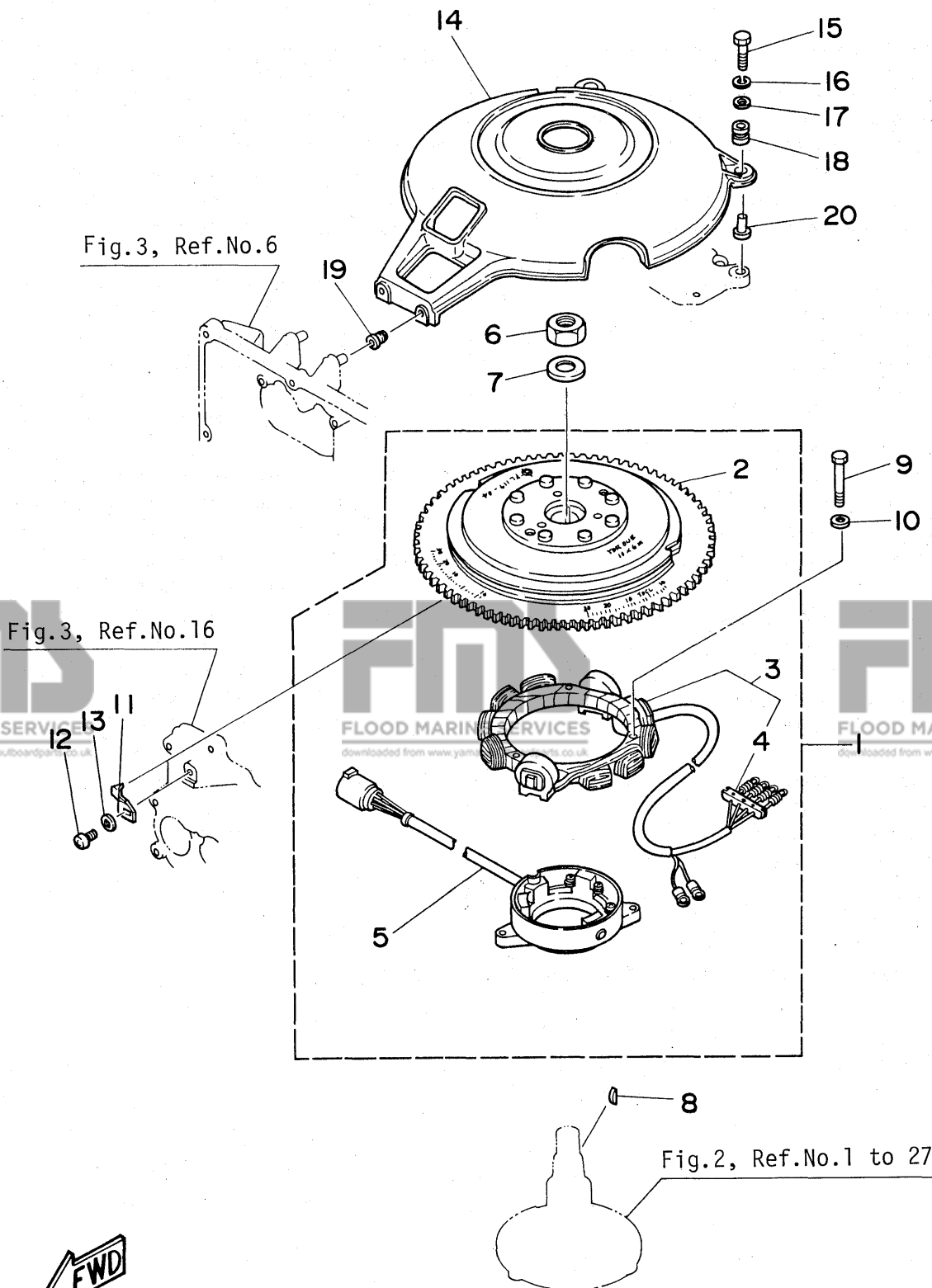


Fig. 14 C.D.I. MAGNETO

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G7-85500-10	C.D.I. MAGNETO ASS'Y	1	11	6E5-81332-00	PLATE, timing	1
2	6G5-85550-10	. ROTOR ASS'Y	1	12	97803-06010	SCREW, panhead	1
3	6G5-85510-10	. STATOR ASS'Y	1	13	92903-06600	WASHER	1
4	90480-06M16	. . GROMMET	1	14	6G7-81337-00	COVER, flywheel	1
5	6G7-85580-10	. PULSER ASS'Y	1	15	97313-06030	BOLT	2
6	90170-20137	NUT	1	16	92903-06100	WASHER	2
7	90201-21M18	WASHER	1	17	90201-06M62	WASHER	2
8	90280-05015	KEY, woodruff	1	18	663-82317-00	DAMPER	2
9	97313-06055	BOLT	3	19	6G5-82317-00	DAMPER	2
10	92903-06600	WASHER	3	20	624-42542-00	PIPE 1	2

Fig. 15 ELECTRIC MOTOR

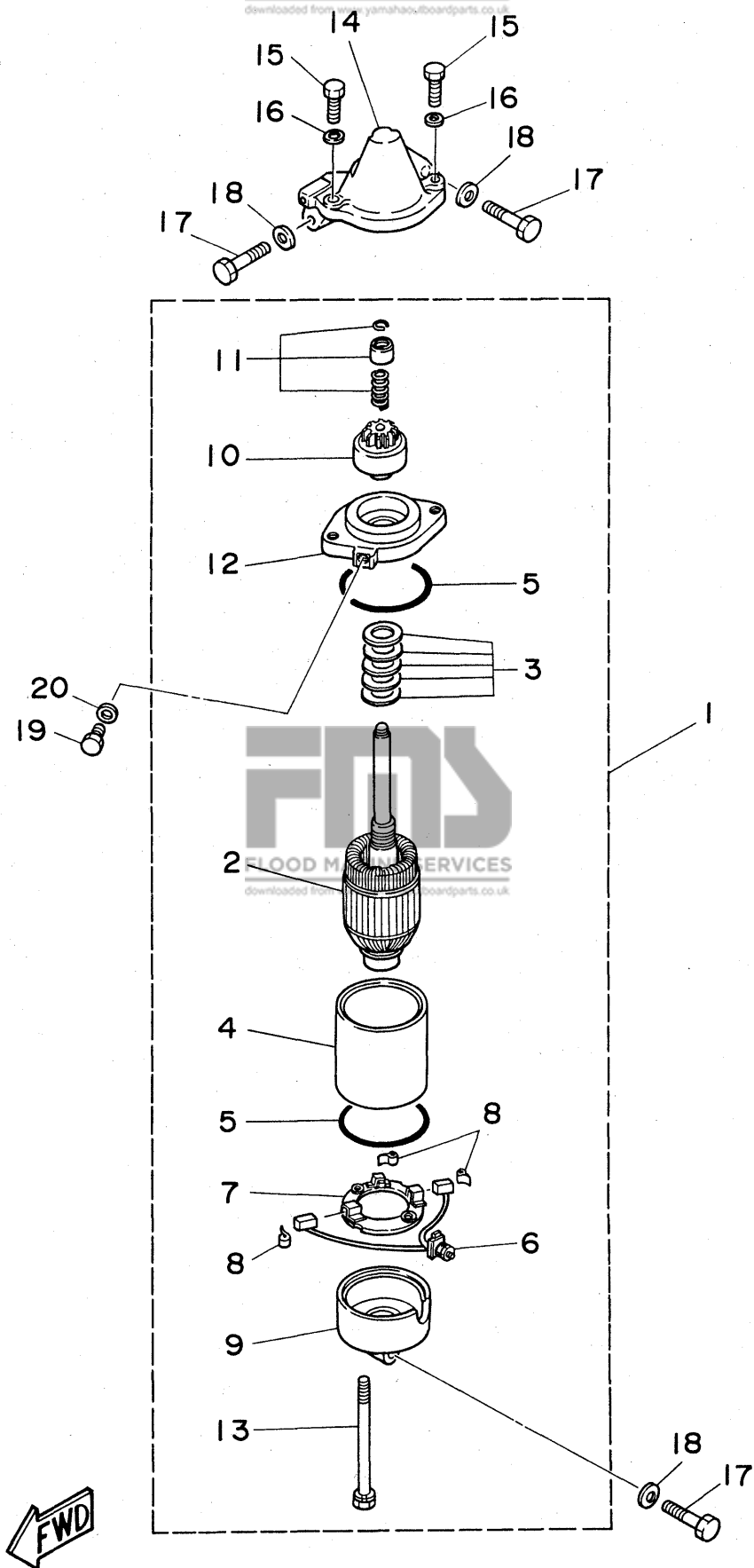


Fig. 15 ELECTRIC MOTOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-81800-11	ELECTRIC MOTOR ASS'Y	1	11	6E5-81857-10	. PINION STOPPER SET	1
2	6E5-81850-10	. ARMATURE ASS'Y	1	12	6E5-81830-10	. FRONT BRACKET ASS'Y	1
3	6E5-81809-10	. WASHER KIT	1	13	6E5-81826-10	. BOLT 1	2
4	6E5-81810-10	. STATOR ASS'Y	1	14	6E5-81822-01-98	BRACKET, electric motor	1
5	6E5-81847-10	. O-RING	2	15	97313-08025	BOLT	2
6	6E5-81801-10	. BRUSH ASS'Y (+)	1	16	92903-08600	WASHER	2
7	6E5-81840-10	. BRUSH HOLDER ASS'Y (-)	1	17	97313-08045	BOLT	3
8	6E5-81813-10	. SPRING, brush	3	18	92903-08600	WASHER	3
9	6E5-81820-10	. REAR BRACKET ASS'Y	1	19	97395-08016	BOLT	1
10	6E5-81807-11	. PINION ASS'Y (9T)	1	20	92990-08600	WASHER	1

Fig. 16 ELECTRIC PARTS I

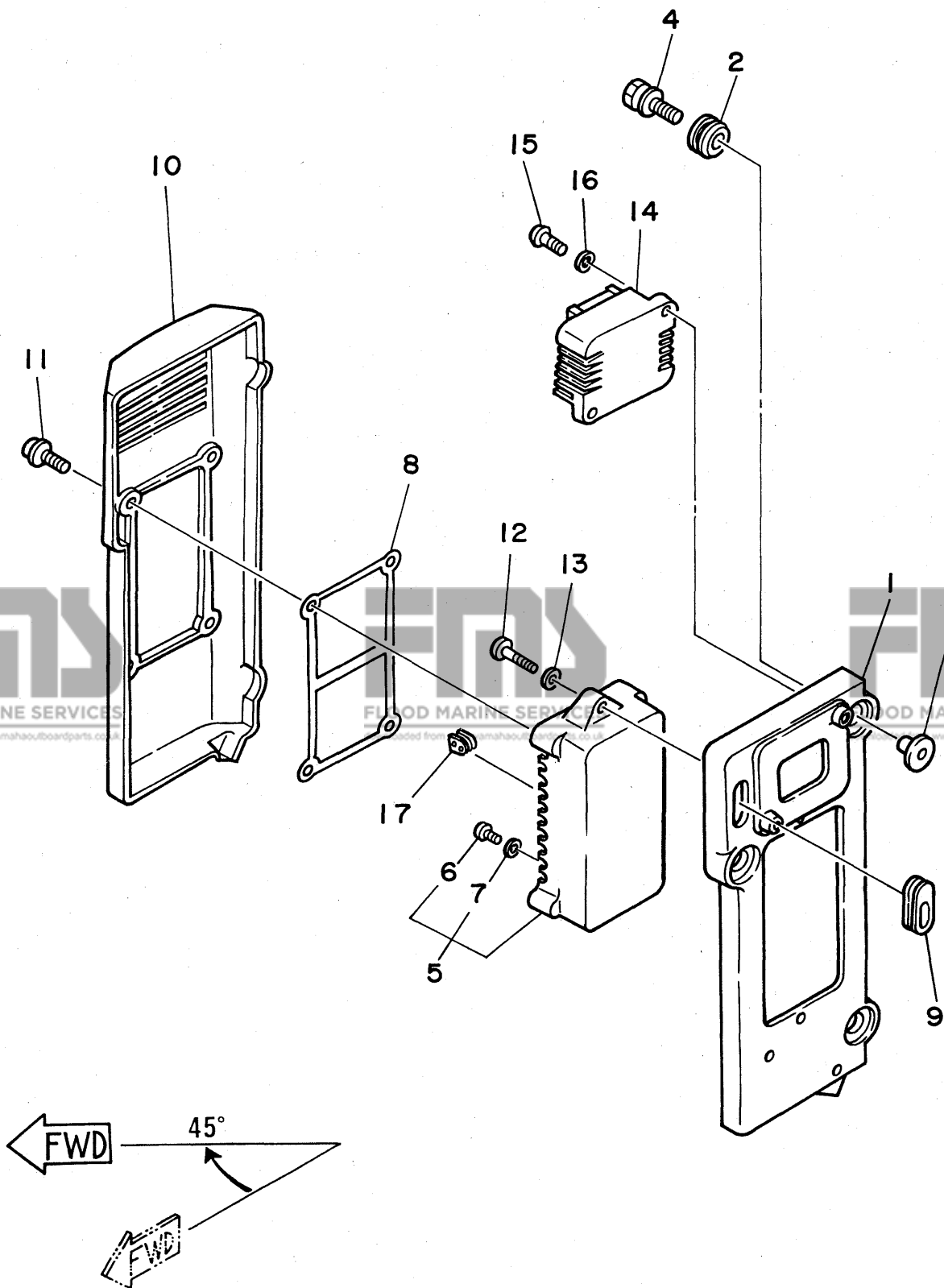


Fig. 16 ELECTRIC PARTS 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G5-85542-00-94	BRACKET	1	10	6G5-85537-00	COVER	1
2	90480-09M12	GROMMET	3	11	90159-06M03	SCREW	4
3	90387-06M03	COLLAR	3	12	97803-06030	SCREW	2
4	90119-06M28	BOLT, with washer	3	13	92903-06600	WASHER	2
5	6G5-85540-10	C.D.I. UNIT ASS'Y	1	14	688-81960-60	RECTIFIER & REGULATOR ASS'Y	1
6	98503-04008	. SCREW, panhead	20	15	97803-06020	SCREW	2
7	92990-04200	. WASHER	20	16	92903-06600	WASHER	2
8	6G5-85547-00	DAMPER	1	17	90480-06157	GROMMET	2
9	90480-12M32	GROMMET	1				

Fig. 17 ELECTRIC PARTS 2

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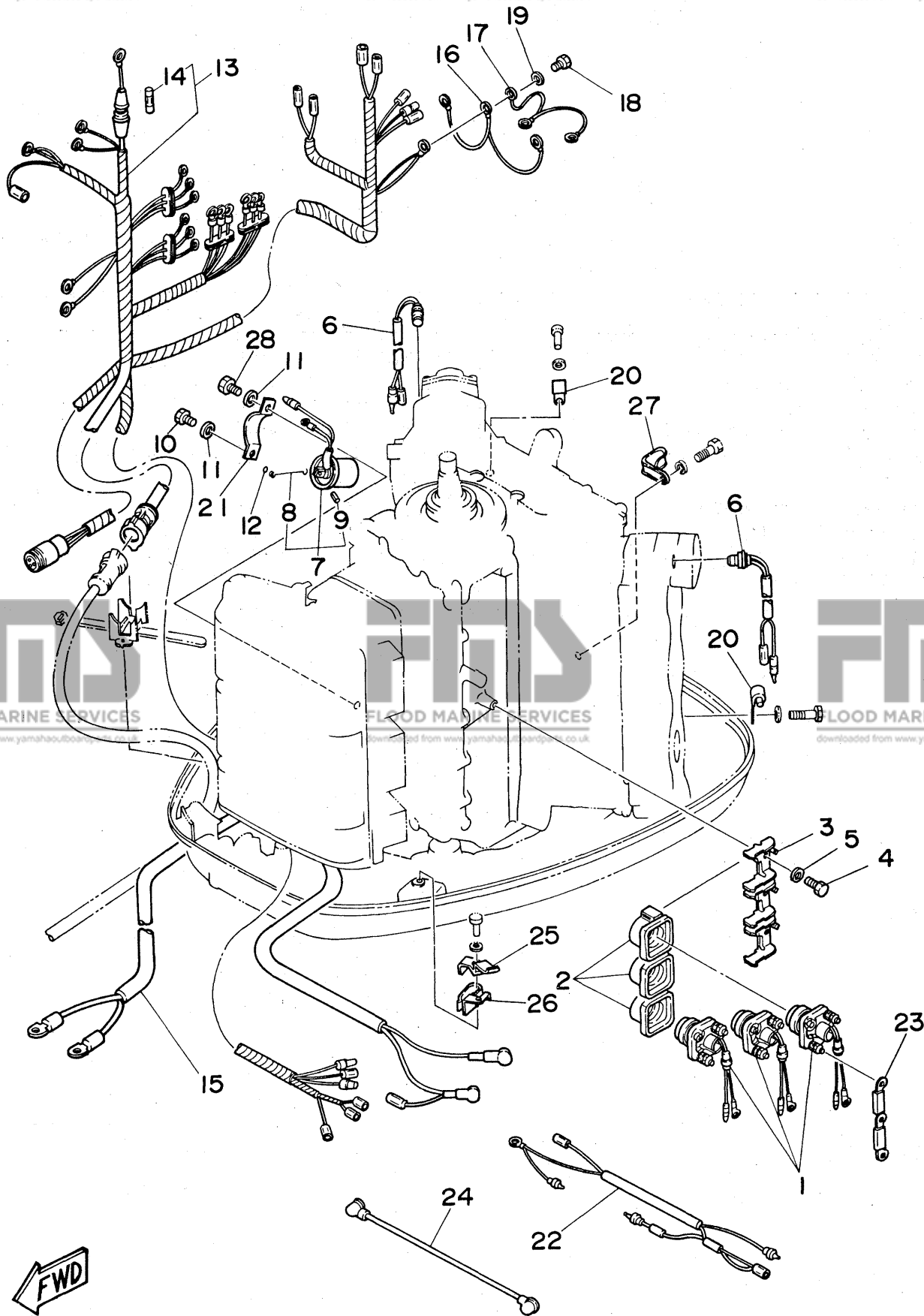
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Fig. 17 ELECTRIC PARTS 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-81941-11	STARTER RELAY ASS'Y	3	15	6G5-82105-00	LEAD WIRE ASS'Y	1
2	689-81952-10	HOLDER, starter relay	3	16	6G0-82519-00	WIRE, earth lead	1
3	6G5-81948-00	BRACKET	1	17	6E5-82531-00	WIRE, lead	1
4	97313-06016	BOLT	3	18	97395-06012	BOLT	3
5	92903-06600	WASHER	3	19	92990-06600	WASHER	3
6	688-82560-10	THERMO-SWITCH ASS'Y	2	20	90465-08M07	CLAMP	6
7	6G5-86110-00	SOLENOID COIL ASS'Y	1	21	6G5-86115-00	HOLDER, solenoid	1
8	6G5-86119-00	. WIRE, pull	1	22	6G5-82553-00	EXTENSION, wire lead	1
9	91690-30010	. PIN, spring	1	23	6G5-87149-00	CONNECTOR	1
10	97313-06016	BOLT	1	24	6G5-82117-00	WIRE, lead	1
11	92903-06600	WASHER	2	25	90465-08M21	CLAMP	1
12	93210-03261	O-RING	1	26	90465-08M22	CLAMP	1
13	6G7-82590-00	WIRE HARNESS ASS'Y	1	27	90465-08M08	CLAMP	1
14	663-82151-00	. FUSE (12V-20A)	1	28	97313-06020	BOLT	1

Fig. 18 ELECTRIC PARTS 3

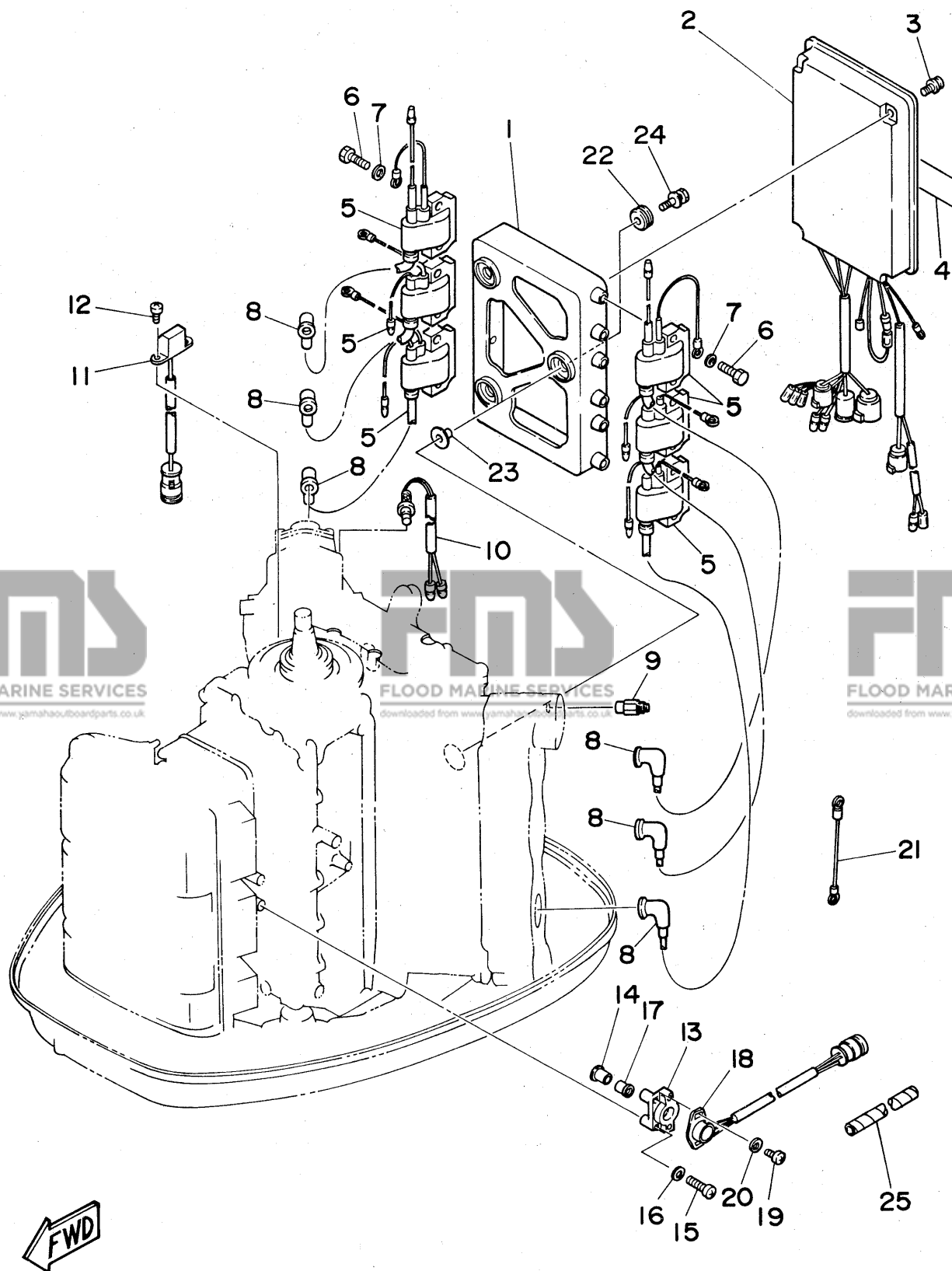


Fig. 18 ELECTRIC PARTS 3

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G7-85542-00-94	BRACKET	1	14	90386-10009	BUSHING	1
2	6G7-85830-10	CONTROL UNIT ASS'Y	1	15	97803-05030	SCREW	2
3	90159-06M04	SCREW, with washer	4	16	92903-05600	WASHER	2
4	6G7-84341-00	EMBLEM	1	17	90387-08M59	COLLAR	1
5	6E5-85570-10	IGNITION COIL ASS'Y	6	18	6G7-85885-00	THROTTLE SENSOR ASS'Y	1
6	97313-06030	BOLT	12	19	97803-05016	SCREW	2
7	92903-06600	WASHER	12	20	92903-05600	WASHER	2
8	6E3-82370-20	PLUG CAP ASS'Y	6	21	662-82519-00	WIRE, earth lead	1
9	6G7-85780-00	KNOCK SENSOR	1	22	90480-09M12	GROMMET	3
10	6G7-85790-00	THERMO SENSOR	1	23	90387-09M03	COLLAR	3
11	6G7-85895-00	CRANK POSITION SENSOR	1	24	90119-06M28	BOLT, with washer	3
12	97803-05012	SCREW	2	25	90446-10M01	TUBE	1
13	6G7-85886-00-94	BRACKET	1				

Fig. 19 OIL PUMP

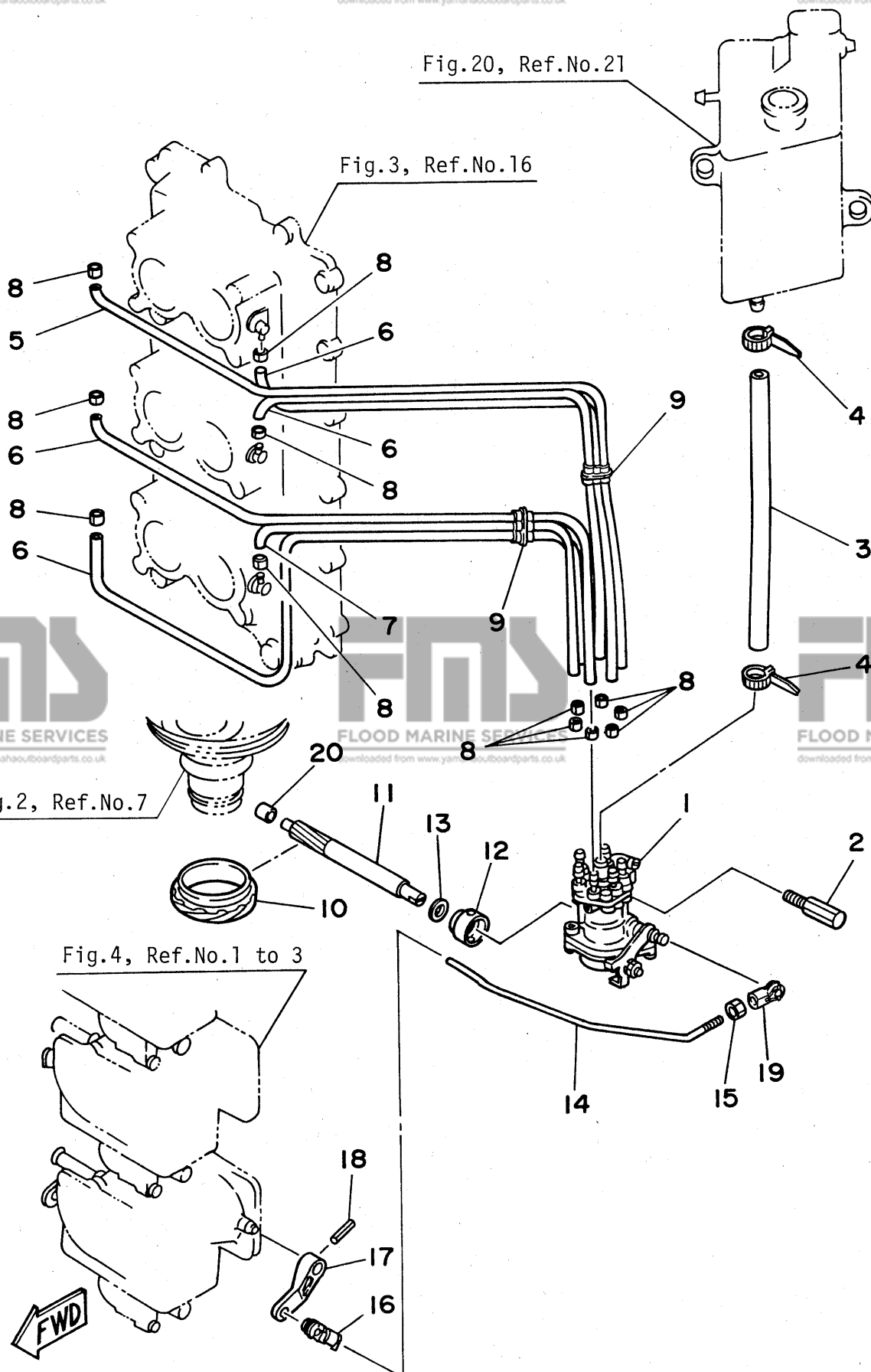


Fig. 19 OIL PUMP

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G6-13200-00	OIL INJECTION PUMP ASS'Y	1	11	6E5-11537-00	GEAR, driven	1
2	90109-06M23	BOLT	2	12	6E5-13117-00	COLLAR, distance	1
3	90445-12M65	HOSE	1	13	90201-08M93	WASHER, plate	1
4	90465-13M11	CLAMP	2	14	6E5-41241-00	ROD 1	1
5	90445-07M70	HOSE	1	15	95303-05600	NUT	1
6	90445-07M71	HOSE	4	16	6E9-41237-00	JOINT, link 2	1
7	90445-07M72	HOSE	1	17	6E5-14276-00	LEVER 1	1
8	90468-07M01	CLIP	12	18	91690-30016	PIN, spring	1
9	90464-07M05	CLAMP	2	19	662-41237-01	JOINT, link 2	1
10	6E5-11536-00	GEAR, drive	1	20	90380-06M18	BUSHING	1

Fig. 20 OIL TANK

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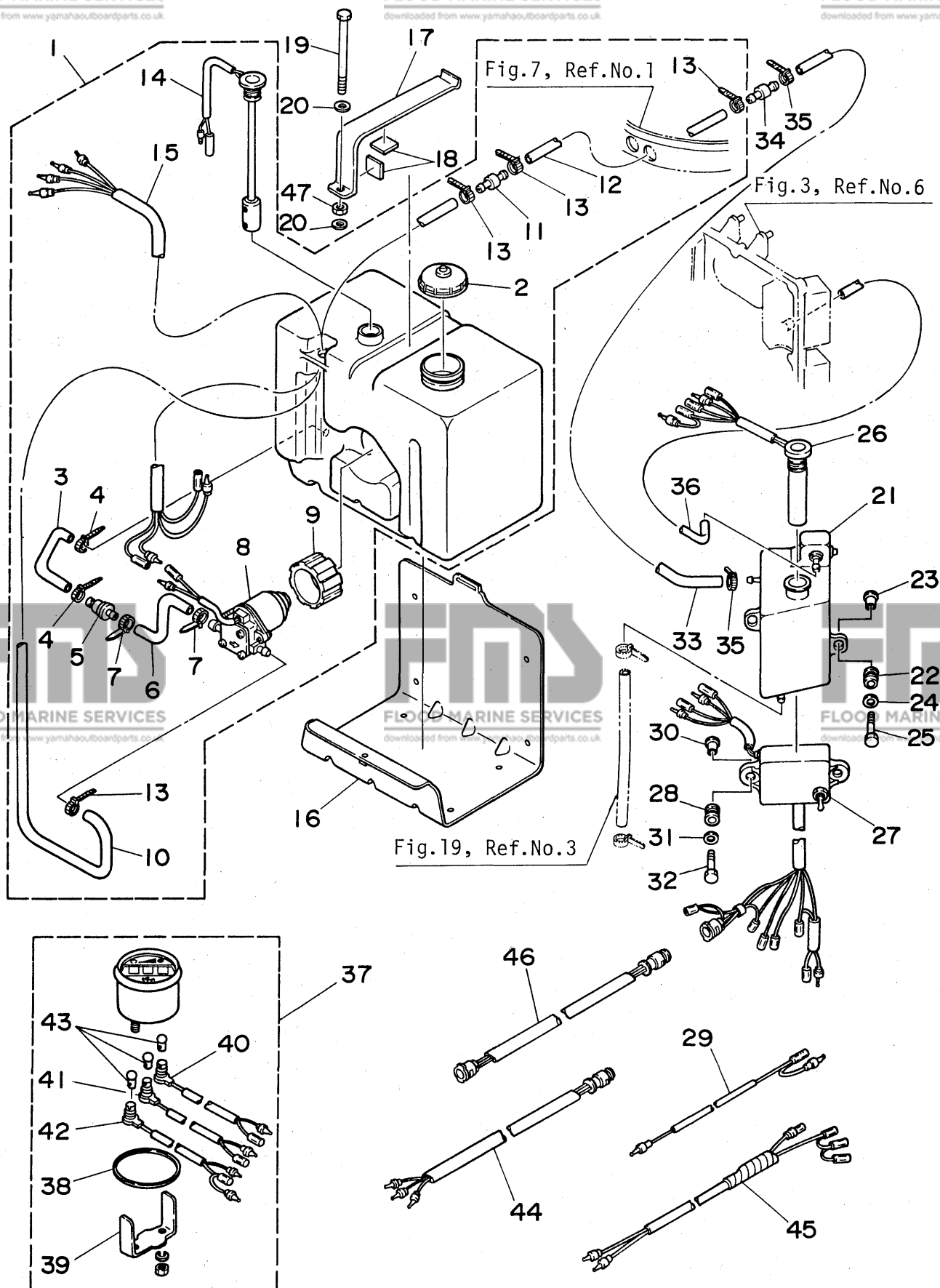
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Fig. 20 OIL TANK

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-21708-00	OIL TANK SUB-ASS'Y	1	25	97313-06030	BOLT	3
2	6E5-21770-00	. OIL TANK CAP ASS'Y	1	26	6G7-85730-00	OIL LEVEL GAUGE ASS'Y 2	1
3	6E5-24318-00	. PIPE	1	27	6E5-85740-00	CONTROL UNIT	1
4	90465-13M11	. CLAMP	2	28	6A0-82317-00	DAMPER	2
5	646-24251-01	. STRAINER	1	29	6G5-81315-00	WIRE, lead	1
6	6E5-24319-00	. PIPE 9	1	30	624-42542-00	PIPE	2
7	90465-13M11	. CLAMP	2	31	90201-06M62	WASHER	2
8	6E5-81900-00	. OIL FEED PUMP ASS'Y	1	32	97313-06030	BOLT	2
9	6E5-81922-00	. GROMMET 1	1	33	6E5-24323-00	PIPE 12	1
10	6E5-24321-00	. PIPE 10	1	34	6E5-24379-00	PIPE, joint	1
11	6E5-24379-00	. PIPE, joint	1	35	90465-13M11	CLAMP	2
12	90445-11M88	. HOSE	1	36	90445-05M61	HOSE	1
13	90465-13M11	. CLAMP	4	37	6E5-84301-00	OIL LEVEL WARNING LAMP	1
14	6E5-85720-00	. OIL LEVEL GAUGE ASS'Y 1	1	38	688-83523-00	. DAMPER	1
15	6E5-85721-00	. WIRE, lead	1	39	688-83514-00	. PLATE, fitting	1
16	6E5-21734-00-33	HOLDER, sub oil tank	1	40	6E5-83536-00	. SOCKET CORD ASS'Y 1	1
17	6E5-21798-00-33	BRACKET, damper	1	41	6E5-83536-10	. SOCKET CORD ASS'Y 2	1
18	6E5-21746-00	DAMPER	2	42	6E5-83536-21	. SOCKET CORD ASS'Y 3	1
19	97313-06100	BOLT	1	43	688-83516-10	. BULB (12V-3.4W)	3
20	92903-06600	WASHER	2	44	6E5-82551-00	WIRE, lead	1
21	6E5-21750-00	OIL TANK ASS'Y	1	45	6E5-84348-00	WIRE, lead	1
22	6A0-82317-00	DAMPER	3	46	6E5-83553-00	WIRE, lead	1
23	624-42542-00	PIPE	3	47	95390-06600	NUT	1
24	90201-06M62	WASHER	3				

Fig. 21 POWER TRIM & TILT ASS'Y

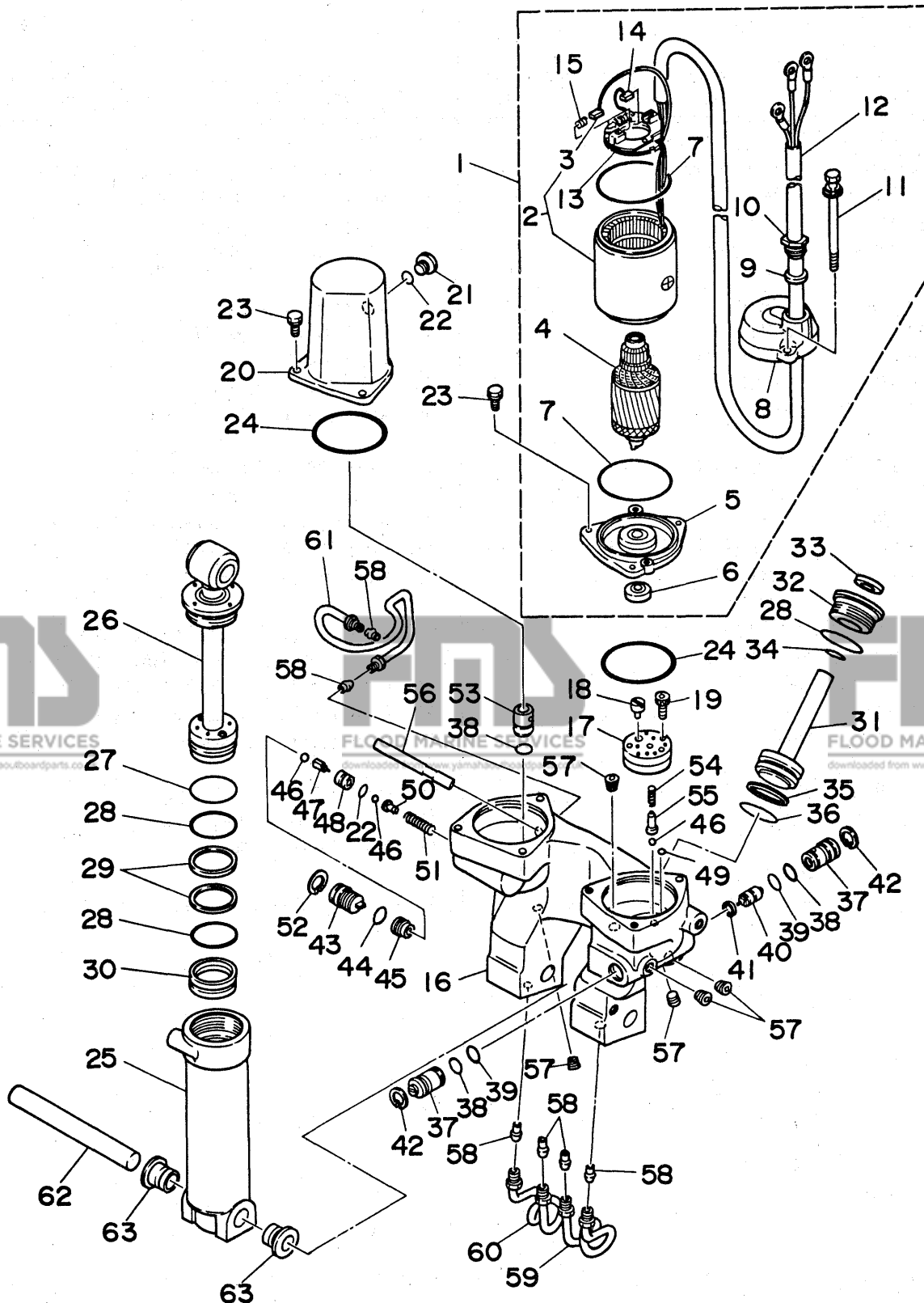


Fig. 21 POWER TRIM & TILT ASS'Y

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
※	6E5-43800-01-EK	POWER TRIM & TILT ASS'Y (See Fig. 9, Ref. No. 1)	1	32	6E5-43821-00	. SCREW, trim cylinder end	2
1	688-43880-10	. MOTOR ASS'Y	1	33	6E5-43822-00	. SEAL, trim dust	2
2	688-43804-01	. . STATOR ASS'Y	1	34	93210-16M40	. O-RING	2
3	688-43891-00	. . . BRUSH 1	1	35	6E5-43874-00	. RING, back up	2
4	688-43805-01	. . ARMATURE ASS'Y	1	36	93210-33M41	. O-RING	2
5	688-43881-01	. . FRAME, end	1	37	688-43802-00	. VALVE SUB ASS'Y (Main)	2
6	688-43882-00	. . OIL SEAL	1	38	688-43864-00	. O-RING	3
7	688-43883-00	. . O-RING	2	39	688-43865-00	. O-RING	2
8	688-43884-02	. . FRAME, commutator end	1	40	688-43841-00	. PISTON, shuttle	1
9	688-43885-01	. . GROMMET	1	41	688-43873-00	. RING, back up	1
10	688-43886-02	. . BOLT	1	42	688-43876-00	. RING, snap	2
11	688-43887-01	. . BOLT, through	2	43	688-43845-00	. SCREW, manual release	1
12	688-43807-10	. . WIRE SUB ASS'Y	1	44	688-43866-00	. O-RING	1
13	688-43806-01	. . BRUSH HOLDER ASS'Y	1	45	688-43846-00	. SCREW, manual valve seat	1
14	688-43891-00	. . BRUSH 2	1	46	688-43858-00	. BALL	3
15	90501-05M46	. . SPRING, brush	1	47	688-43848-00	. ROD, manual release	1
16	6E5-43825-00	. HOUSING, trim & tilt	1	48	688-43847-00	. SEAT, manual valve	1
17	688-43830-00	. GEAR PUMP ASS'Y	1	49	688-43868-00	. O-RING	1
18	688-43831-00	. CONNECTOR, shaft	1	50	6E5-43849-00	. PIN, valve support	1
19	688-43878-00	. BOLT, socket	3	51	6E5-43854-00	. SPRING, manual release	1
20	688-43828-00	. BODY, reservoir	1	52	688-43875-00	. RING, snap	1
21	688-43829-01	. PLUG, reservoir	1	53	6E5-43850-00	. VALVE SUB ASS'Y (Upper Relief)	1
22	688-43869-00	. O-RING	2	54	688-43856-00	. SPRING, down relief	1
23	688-43879-00	. SCREW, with washer	6	55	688-43844-01	. PIN, valve support	1
24	688-43867-00	. O-RING	2	56	688-43838-00	. PIPE, intake	1
25	6E5-43813-00	. CYLINDER, tilt	1	57	688-43826-00	. PLUG, taper screw	5
26	6E5-43810-01	. PISTON SUB ASS'Y (Tilt)	1	58	688-43832-00	. SEAT, union	6
27	688-43863-00	. O-RING	1	59	6E5-43833-00	. PIPE	1
28	688-43862-00	. O-RING	4	60	6E5-43834-00	. PIPE	1
29	688-43872-00	. RING, back up	2	61	688-43835-00	. PIPE	1
30	6E5-43814-00	. PISTON, free	1	62	6E5-43818-00	. PIN, lower shock mount	1
31	6E5-43820-01	. PISTON SUB ASS'Y (Trim)	2	63	90386-18M14	. BUSHING	2

※ Not shown

Fig. 22 REPAIR KIT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G5-W0001-01	POWER HEAD GASKET KIT	1	32	6G5-14323-00	. SCREW, air adjusting	6
2	6E5-11381-00	. GASKET, cover	1	33	617-24565-00	. O-RING	6
3	6G5-11181-01	. GASKET, cylinderhead	2	34	6G5-W0001-20	LOWER UNIT GASKET KIT	1
4	6G5-11193-01	. GASKET, head cover	1	35	6G5-41134-00	. GASKET, exhaust manifold 2	1
5	688-12414-00	. GASKET, thermostat cover	2	36	6G5-45114-00	. GASKET, upper casing 2	1
6	6G5-41112-00	. GASKET, exhaust cover	2	37	6E5-41135-00	. GASKET, exhaust manifold 3	1
7	6G5-11382-00	. GASKET, by-pass	1	38	90430-08020	. GASKET	2
8	93102-40M14	. OIL SEAL	1	39	6E5-45123-00	. GASKET, muffler	1
9	93211-04M36	. O-RING	2	40	6E5-44365-00	. RUBBER, water seal 1	1
10	93102-35M13	. OIL SEAL	1	41	6E5-44366-00	. RUBBER, water seal 2	1
11	93101-22M15	. OIL SEAL	1	42	93210-58144	. O-RING	1
12	93210-74M35	. O-RING	1	43	93106-09014	. OIL SEAL	1
13	6G5-14416-00	. GASKET, air cleaner	1	44	93210-06M38	. O-RING	1
14	6G5-14483-00	. GASKET, plate	1	45	93210-37160	. O-RING	1
15	6E5-14198-00	. GASKET	3	46	6E5-44315-00	. GASKET, water pump	1
16	6G5-13645-00	. GASKET, intake manifold	1	47	93101-28M16	. OIL SEAL	2
17	6E5-13621-00	. PACKING, valve seat	6	48	93210-55M14	. O-RING	1
18	6G5-45113-00	. GASKET, upper casing	1	49	93210-97M55	. O-RING	1
19	6G5-W0093-00	CARBURETOR REPAIR SET	1	50	93101-30M17	. OIL SEAL	2
20	6G5-14483-00	. GASKET, plate	1	51	6G5-W0078-00	WATER PUMP REPAIR KIT	1
21	6E5-14198-00	. GASKET	1	52	6E5-44322-00	. INSERT, cartridge	1
22	6E5-14390-20	. VALVE SEAT ASS'Y	3	53	93210-86M38	. O-RING	1
23	367-14195-00	. GASKET	3	54	93210-37160	. O-RING	1
24	6E5-14386-01	. PIN, float	3	55	6E5-44352-00	. IMPELLER	1
25	6E5-14385-00	. FLOAT ASS'Y	3	56	6G5-44323-00	. OUTER PLATE, cartridge	1
26	6E5-14384-02	. GASKET, float chamber	3	57	6E5-44315-00	. GASKET, water pump	1
27	1J2-14398-00	. GASKET	6	58	93606-12019	. PIN, dowel B	1
28	6E5-14398-00	. GASKET	3	59	97395-08045	. BOLT	4
29	682-41291-00	. BUSHING	1	60	90209-08M02	. WASHER	4
30	97803-05017	. SCREW, panhead	3	61	90280-04M05	. KEY, woodruff	1
31	98902-04010	. SCREW	3				

ALTERNATE PARTS

A.P.

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Fig. 1 FUEL TANK & FUEL PIPE
(115AETO THRU 220AETO)

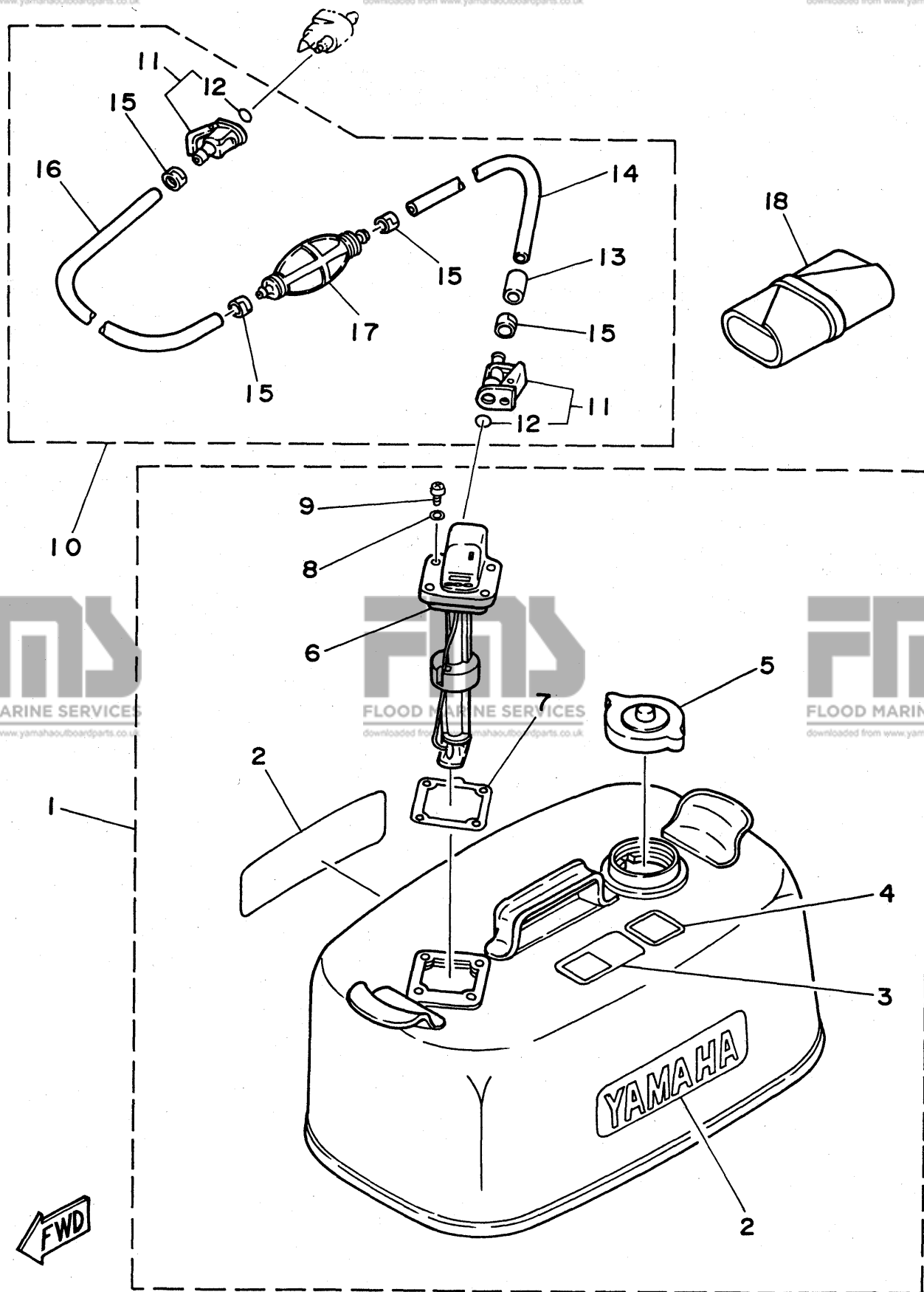


Fig. 1 FUEL TANK & FUEL PIPE (115AETO THRU 220AETO)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6Y1-24207-80-24	FUEL TANK ASS'Y	1	10	6Y2-24306-01	FUEL PIPE ASS'Y	1
2	6Y1-24246-00	. GRAPHIC, side	2	11	6E5-24305-00	. FUEL PIPE JOINT COMP. 2	2
3	6Y1-24256-80	. GRAPHIC	1	12	93210-08287	. . O-RING	2
4	6Y1-24257-00	. GRAPHIC	1	13	6Y2-24397-00	. COLLAR	1
5	6Y1-24610-00	. CAP ASS'Y	1	14	90445-13M33	. HOSE	1
6	6Y1-24260-00	. FUEL METER ASS'Y	1	15	6E5-24351-00	. BAND, fuel pipe 1	4
7	6Y1-24268-00	. GASKET, fuel meter housing	1	16	90445-13M34	. HOSE	1
8	6Y1-24329-00	. SEAL	4	17	6Y2-24360-00	. PRIMARY PUMP ASS'Y	1
9	98586-05016	. SCREW, panhead	4	18	6E0-28100-00	TOOL ASS'Y	1

Fig. 2 REMOTE CONTROL

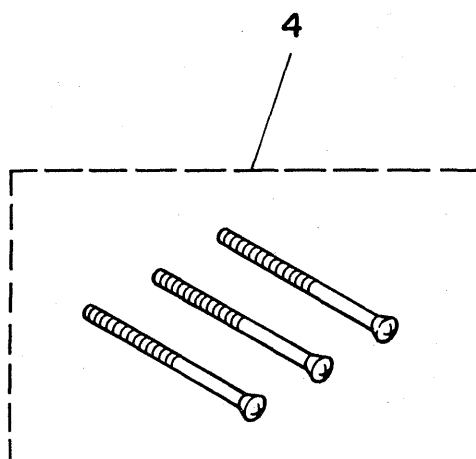
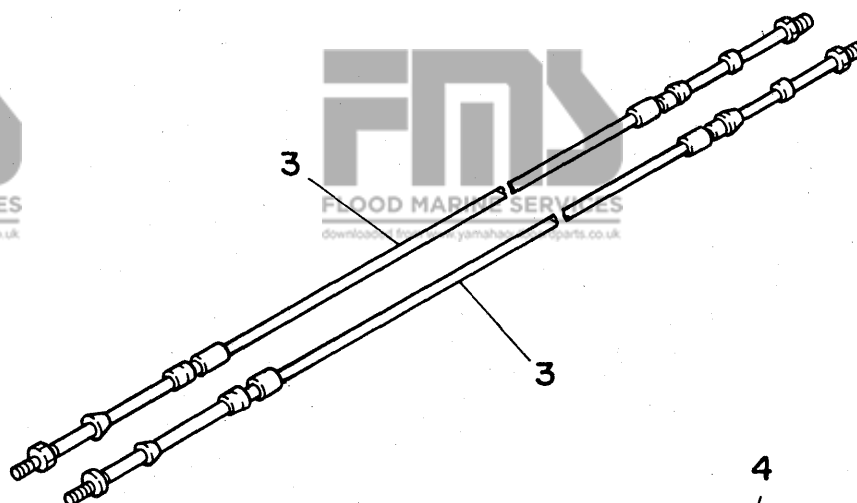
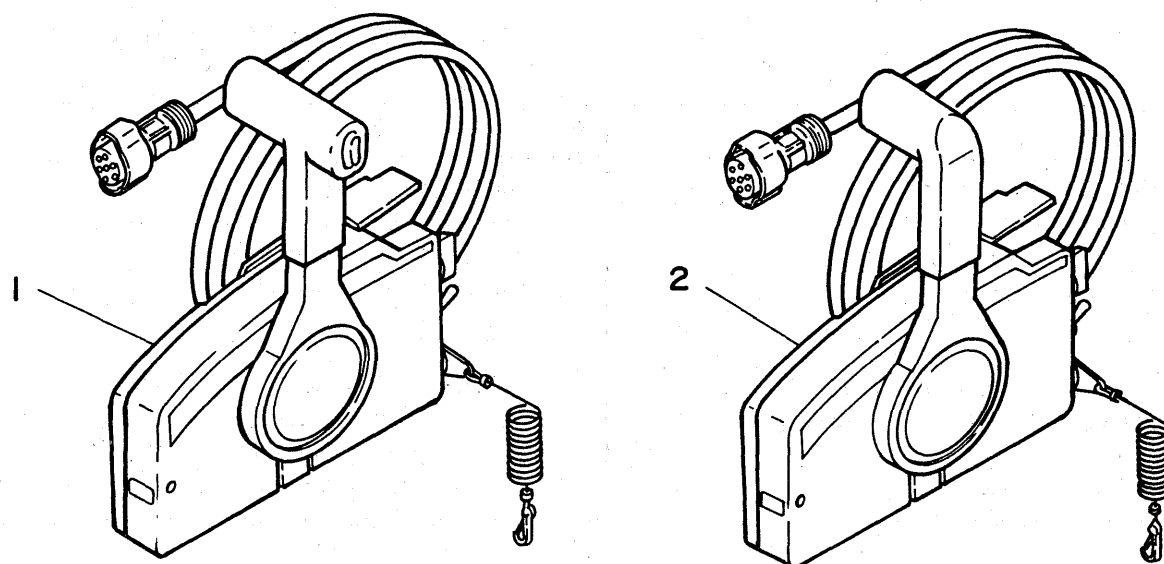


Fig. 2 REMOTE CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
▲ 1	703-48205-10	REMOTE CONTROL ASS'Y	1 U.R.	701-48320-20	CABLE, remote control 13F	2 U.R.	
▲ ※	703-48201-10	REMOTE CONTROL ASS'Y (Without Trim & Tilt Switch)	1 U.R.	701-48320-30	CABLE, remote control 14F	2 U.R.	
▲ 2	703-48208-10	REMOTE CONTROL ASS'Y (Twin Lever)	1 U.R.	701-48320-50	CABLE, remote control 15F	2 U.R.	
		REMOTE CONTROL CABLE		701-48320-60	CABLE, remote control 16F	2 U.R.	
3	701-48310-10	CABLE, remote control 6F	2 U.R.	701-48320-80	CABLE, remote control 17F	2 U.R.	
	701-48310-20	CABLE, remote control 7F	2 U.R.	701-48320-90	CABLE, remote control 18F	2 U.R.	
	701-48310-40	CABLE, remote control 8F	2 U.R.	701-48320-40	CABLE, remote control 19F	2 U.R.	
	701-48310-60	CABLE, remote control 9F	2 U.R.	701-48320-70	CABLE, remote control 20F	2 U.R.	
	701-48310-80	CABLE, remote control 10F	2 U.R.	701-48350-00	CABLE, remote control 21F	2 U.R.	
	701-48310-90	CABLE, remote control 11F	2 U.R.	701-48350-10	CABLE, remote control 22F	2 U.R.	
	701-48320-00	CABLE, remote control 12F	2 U.R.	701-48350-20	CABLE, remote control 23F	2 U.R.	
				4 703-48290-00	TWIN ATTACHMENT (703 Type)	1	

※ Not shown

▲ See Fig. 3 for detail service parts.

Fig. 3 REMOTE CONTROL ASS'Y

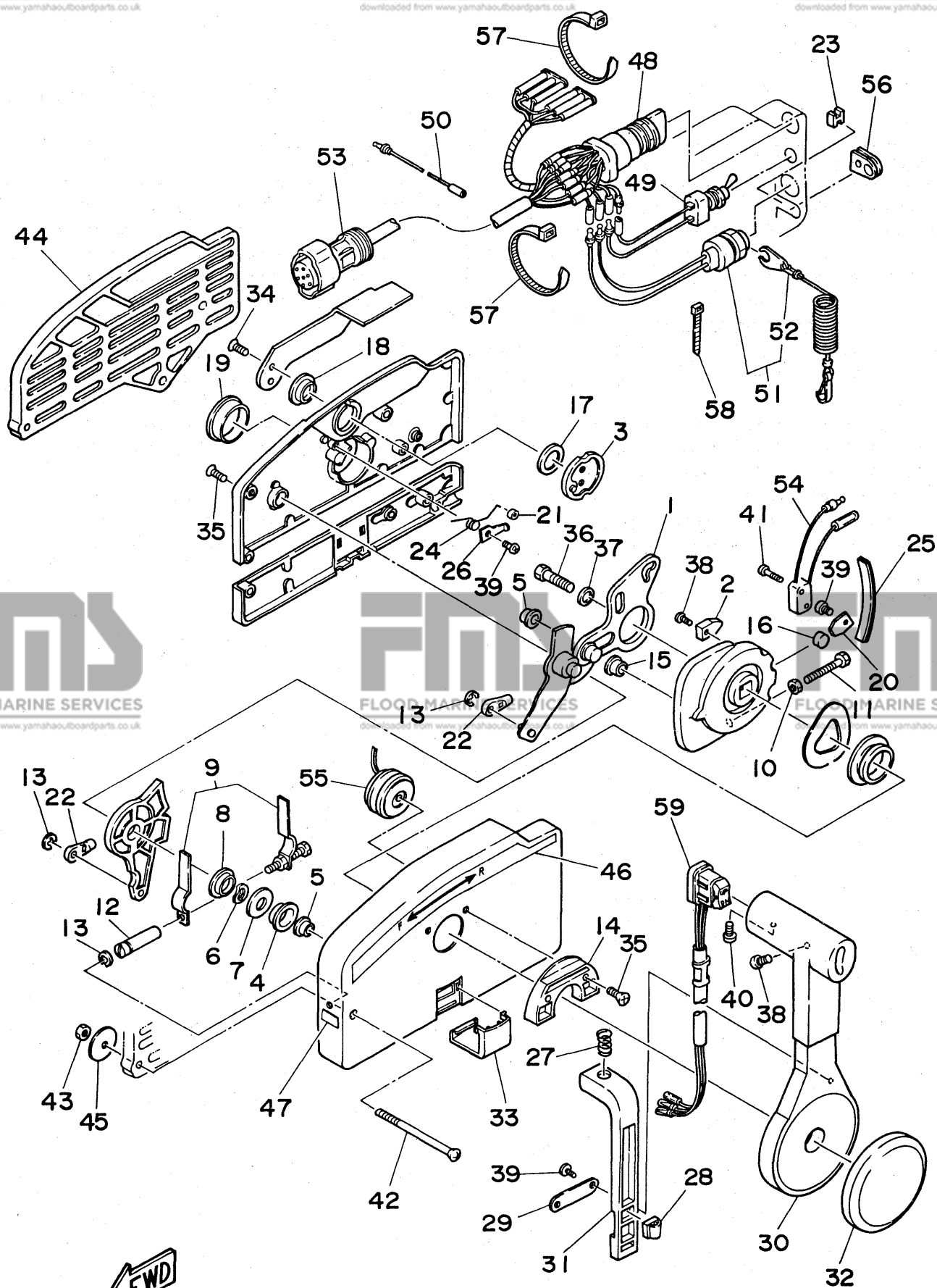


Fig. 3 REMOTE CONTROL ASS'Y

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
※	703-48205-10	REMOTE CONTROL ASS'Y (See Fig. 2, Ref. No. 1)	1	30	703-48222-00	. GRIP, control lever	1 U.R.
※	703-48201-10	REMOTE CONTROL ASS'Y (See Fig. 2, Ref. No. 1)	1	※	703-48222-10	. GRIP, control lever (For Twin Lever)	1 U.R.
※	703-48208-10	REMOTE CONTROL ASS'Y (See Fig. 2, Ref. No. 2)	1	31	703-48223-00	. LOCK, neutral	1
1	703-48261-10	. ARM, throttle	1	32	703-48225-00	. COVER	1
2	703-82554-00	. STAY, neutral switch	1	33	703-48219-00	. COVER, lead	1
3	703-48153-00	. SHAFT, free accel.	1	34	98780-05012	. SCREW	2
4	702-48235-00	. BUSHING 2	1	35	98780-05016	. SCREW	7
5	703-48273-00	. BUSHING 5	2	36	97380-08030	. BOLT	1
6	703-48197-00	. WASHER, wave 2	1	37	92990-08600	. WASHER	1
7	703-48268-00	. SPACER 3	1	38	98580-04010	. SCREW	2
8	703-48263-00	. BUSHING 4	1	39	98580-04006	. SCREW	4
9	703-48264-00	. THROTTLE, friction	1	40	98580-05010	. SCREW	1
10	95380-05600	. NUT	1	41	98580-03015	. SCREW	2
11	97380-05025	. BOLT	1	42	92680-06090	. SCREW	3
12	703-48265-00	. SHAFT, friction	1	43	95380-06600	. NUT	3
13	93430-06024	. CIRCLIP	3	44	703-48293-10	. SPACER, remote control	1 U.R.
14	703-48245-00	. PLATE, lock	1	※	703-48293-00	. SPACER, remote control (For Twin Lever)	3 U.R.
15	703-48252-00	. ROLLER, cam	1	45	701-48287-00	. WASHER	3
16	701-48248-00	. ROLLER, free accel.	1	46	703-48215-00	. GRAPHIC	1
17	703-48198-00	. WASHER, wave 3	1	47	702-48217-00	. MARK 1	1
18	703-48243-00	. BUSHING 3	1	48	703-82510-00	. MAIN SWITCH ASS'Y	1
19	703-48236-00	. BUSHING 1	2	49	703-82574-00	. SWITCH, choke	1
20	703-48189-00	. RETAINER	1	50	703-82531-00	. WIRE, lead	1
21	703-48234-00	. ROLLER, detent	1	51	703-82575-00	. KILL SWITCH ASS'Y	1
22	703-48345-00	. CABLE END, remote control 2	2	52	682-82556-00	. . STOPPER ASS'Y	1
23	703-48358-00	. ANCHOR, cable 2	1	53	688-8258A-20	. EXTENSION, wire harness	1
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	703-83383-00	. 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	703-82536-00	. TRIM & TILT SWITCH ASS'Y	1 U.R.
				※	703-48224-00	. COVER, control lever (Without Trim & Tilt Switch)	1 U.R.

※ Not shown

Fig. 4 STEERING GUIDE ATTACHMENT

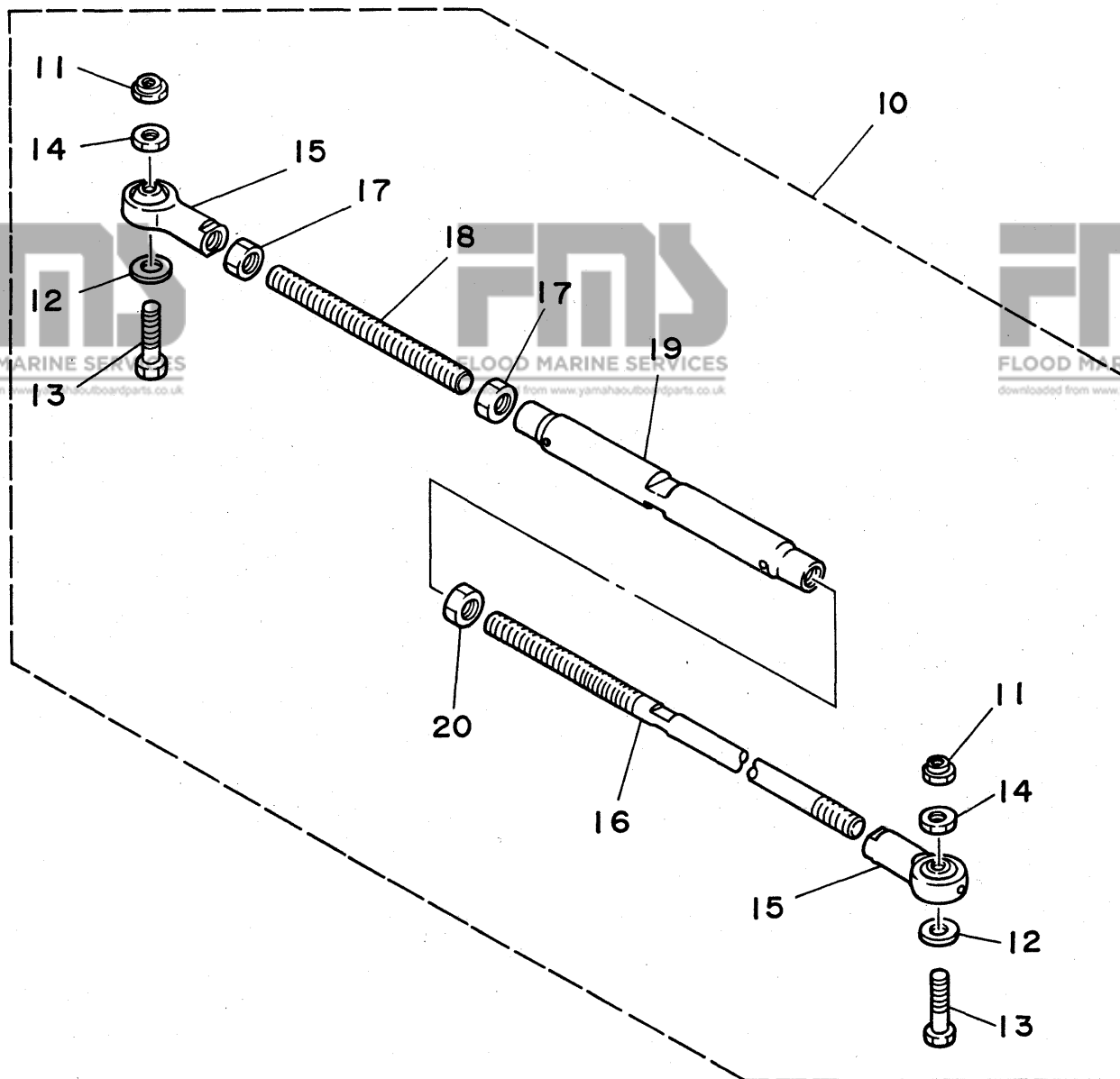
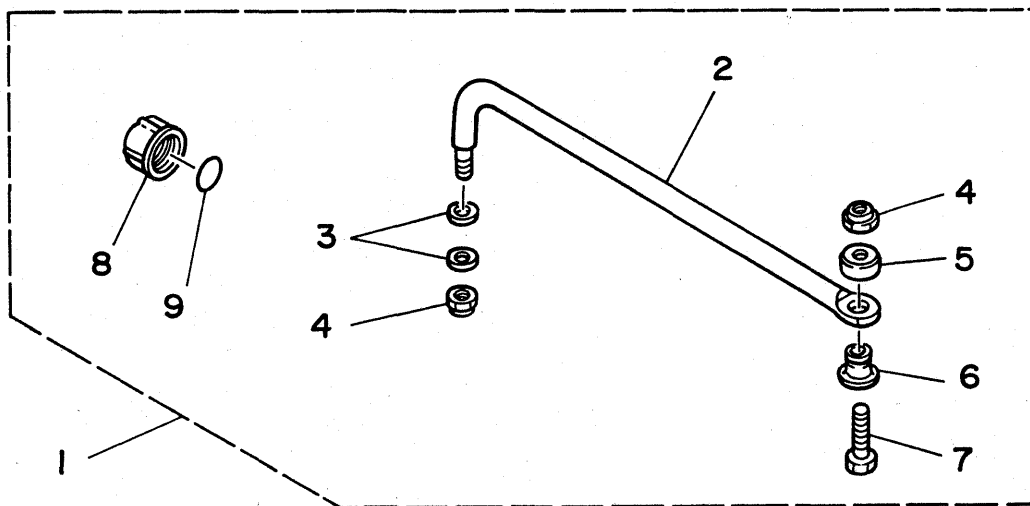


Fig. 4 STEERING GUIDE ATTACHMENT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-61350-01	STEERING GUIDE ATTACHMENT KIT	1	11	90185-09M01	. NUT, self-locking	2
2	6E5-61351-00	. ROD, steering link	1	12	90201-10M20	. WASHER	2
3	90201-10M20	. WASHER	2	13	90101-09M70	. BOLT	2
4	90185-09M01	. NUT, self-locking	2	14	90170-09M05	. NUT	2
5	90560-12M01	. SPACER	1	15	6E5-61303-00	. STEERING EYE COMP.	2
6	90387-10M61	. COLLAR	1	16	6E5-61311-10	. TIE BAR	1
7	90101-09M66	. BOLT	1	17	95380-14700	. NUT	2
8	6E5-43145-00	. CAP, clamp bracket	1	18	6E5-61315-00	. TIE BAR 2	1
9	93210-16275	. O-RING	1	19	6E5-61313-00	. ADJUSTER	1
10	6E5-61301-00	TWIN KIT	1	20	90170-14M06	. NUT	1

Fig. 5 METER I

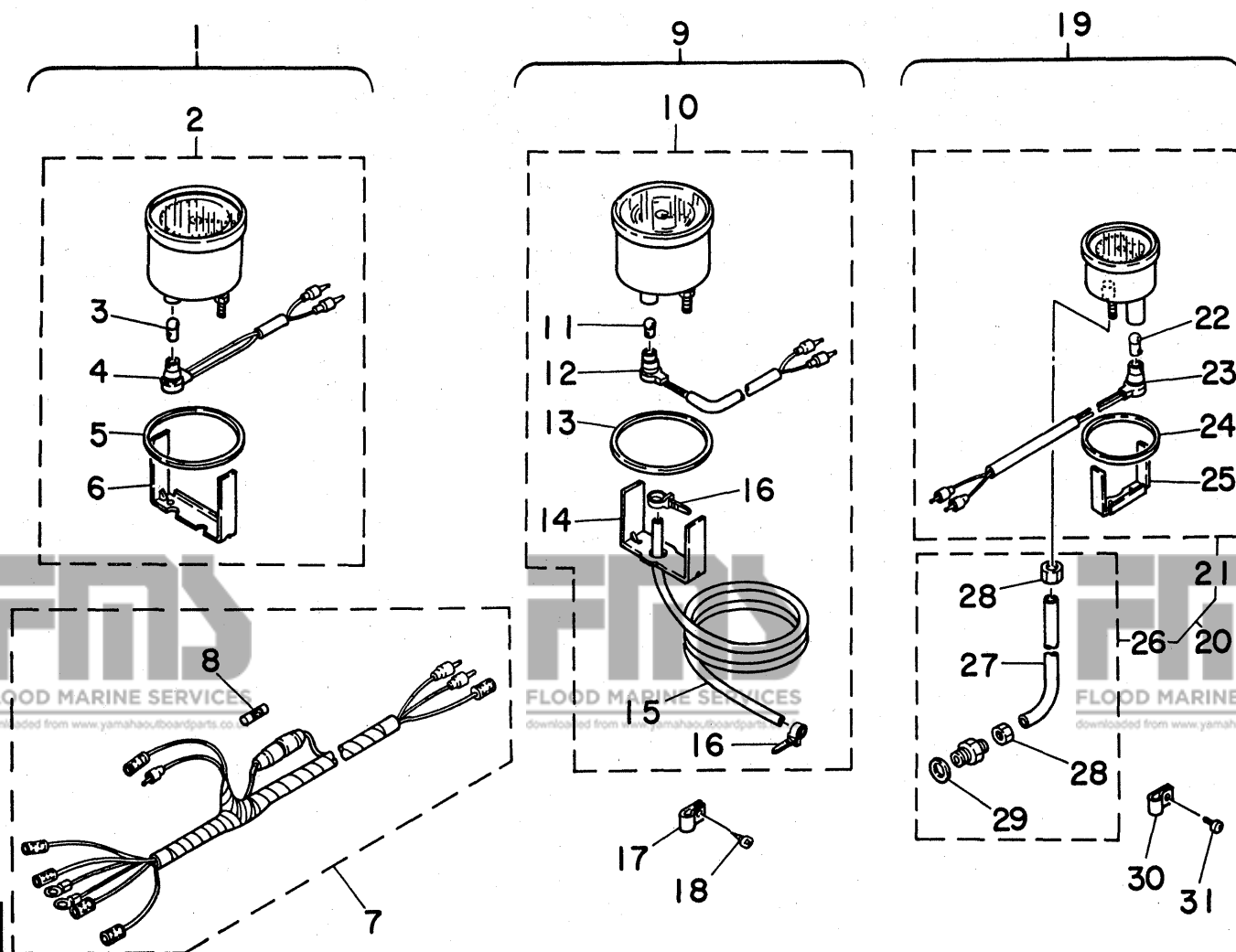


Fig. 5 METER 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
TACHOMETER				16	90465-11M10	. . CLAMP	2
1	688-W0080-00	TACHOMETER KIT	1	17	90601-31402	. CLIP, nylon 14	5
2	688-83540-00	. TACHOMETER ASS'Y	1	18	97780-40116	. SCREW, panhead tapping	5
3	688-83516-00	. . BULB (12V-1.7W)	1	WATER PRESSURE METER			
4	688-83536-00	. . SOCKET, meter	1	19	688-W0088-00	WATER PRESSURE METER KIT	1
5	688-83523-00	. . DAMPER	1	20	688-83660-00	. WATER PRESSURE METER ASS'Y	1
6	688-83544-00	. . PLATE, fitting	1	21	688-83661-00	. . WATER PRESSURE GAUGE	1
7	688-83553-10	. WIRE, lead	1	22	688-83516-00	. . . BULB (12V-1.7W)	1
8	1E6-82151-00	. . FUSE (12V-10A)	1	23	688-83536-00	. . . SOCKET, meter	1
SPEEDOMETER				24	688-83664-00	. . . DAMPER	1
9	6E5-W0081-00	SPEEDOMETER KIT	1	25	688-83665-00	. . . PLATE, fitting	1
10	6E5-83510-00	. SPEEDOMETER ASS'Y	1	26	688-83667-00	. . SENDER	1
11	688-83516-00	. . BULB (12V-1.7W)	1	27	688-83666-00	. . . TUBE	1
12	688-83536-00	. . SOCKET, meter	1	28	663-83668-00	. . . NUT, nipple	2
13	688-83523-00	. . DAMPER	1	29	90430-14115	. . . GASKET	1
14	688-83514-00	. . PLATE, fitting	1	30	90601-31402	. CLIP, nylon 14	5
15	688-83557-00	. . TUBE	1	31	97780-40116	. SCREW, panhead tapping	5

Fig. 6 METER 2

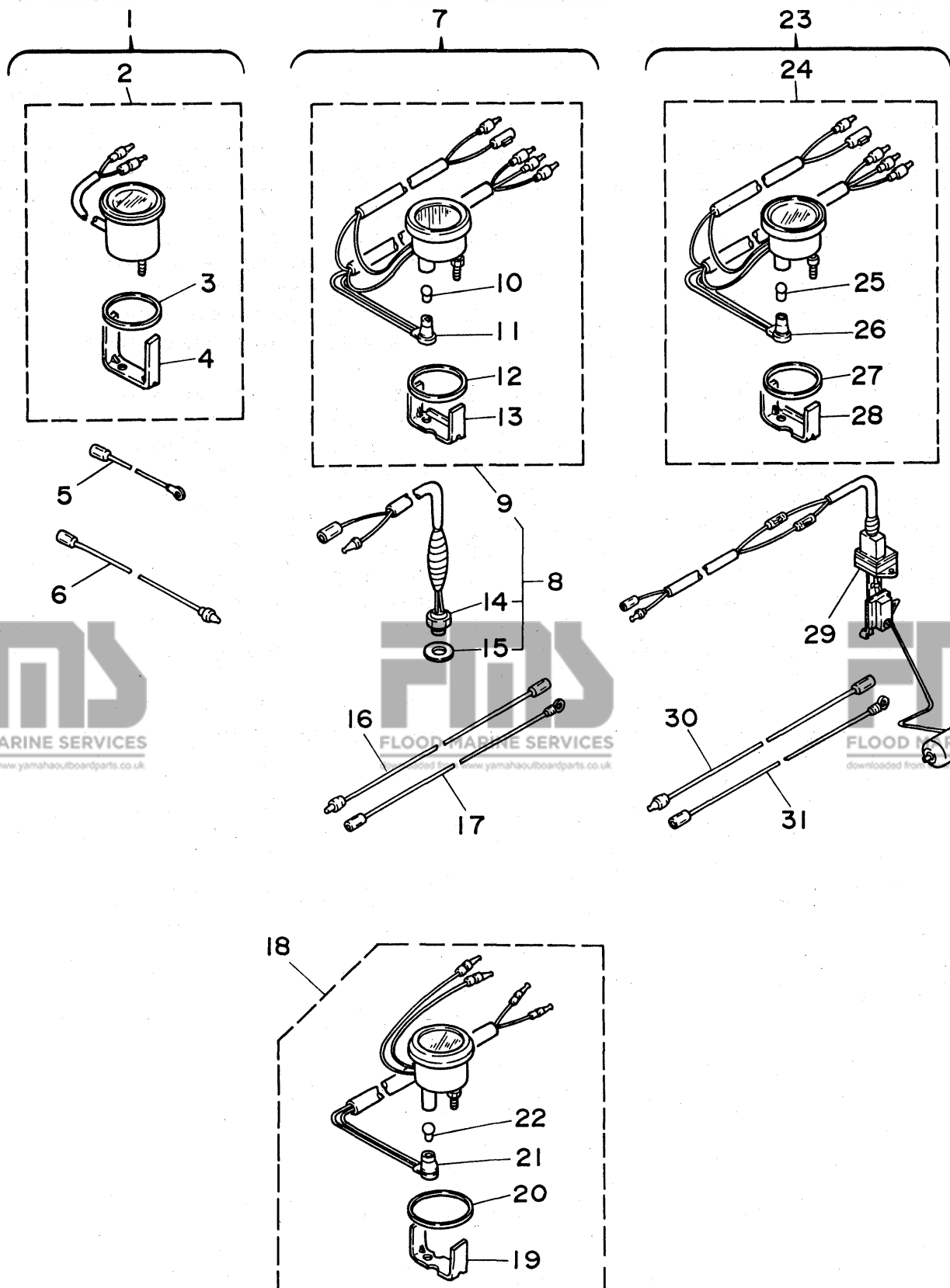


Fig. 6 METER 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
HOUR METER				VOLT METER			
1	688-W0088-30	HOUR METER KIT	1	17	663-83553-A0	. WIRE, lead	1
2	688-83504-00	. HOUR METER ASS'Y	1	18	688-83503-00	VOLT METER ASS'Y	1
3	688-83664-00	. . DAMPER	1	19	688-85756-00	. PLATE, fitting	1
4	688-83577-00	. . PLATE, fitting	1	20	688-83664-00	. DAMPER	1
5	663-83553-A0	. WIRE, lead	1	21	688-83536-00	. SOCKET, meter	1
6	663-83553-Y0	. WIRE, lead (Yellow)	1	22	688-83516-00	. BULB (12V-1.7W)	1
WATER TEMPERATURE METER				FUEL METER			
7	688-W0088-10	WATER TEMP. METER KIT	1	23	688-W0088-21	FUEL METER KIT	1
8	688-83590-00	. WATER TEMP. METER ASS'Y	1	24	688-85751-00	. FUEL METER ASS'Y	1
9	688-83594-00	. . WATER TEMP. GAUGE	1	25	688-83516-00	. . BULB (12V-1.7W)	1
10	688-83516-00	. . . BULB (12V-1.7W)	1	26	688-83536-00	. . SOCKET, meter	1
11	688-83536-00	. . . SOCKET, meter	1	27	688-83664-00	. . DAMPER	1
12	688-83664-00	. . . DAMPER	1	28	688-85756-00	. . PLATE, fitting	1
13	688-83665-00	. . . PLATE, fitting	1	29	688-85752-01	. FUEL, sender	1
14	688-83591-00	. . THERMO UNIT	1	30	663-83553-Y0	. WIRE, lead	1
15	90430-14115	. . GASKET	1	31	663-83553-A0	. WIRE, lead	1
16	663-83553-Y0	. WIRE, lead (Yellow)	1				

Fig. 7 OPTIONAL PARTS I

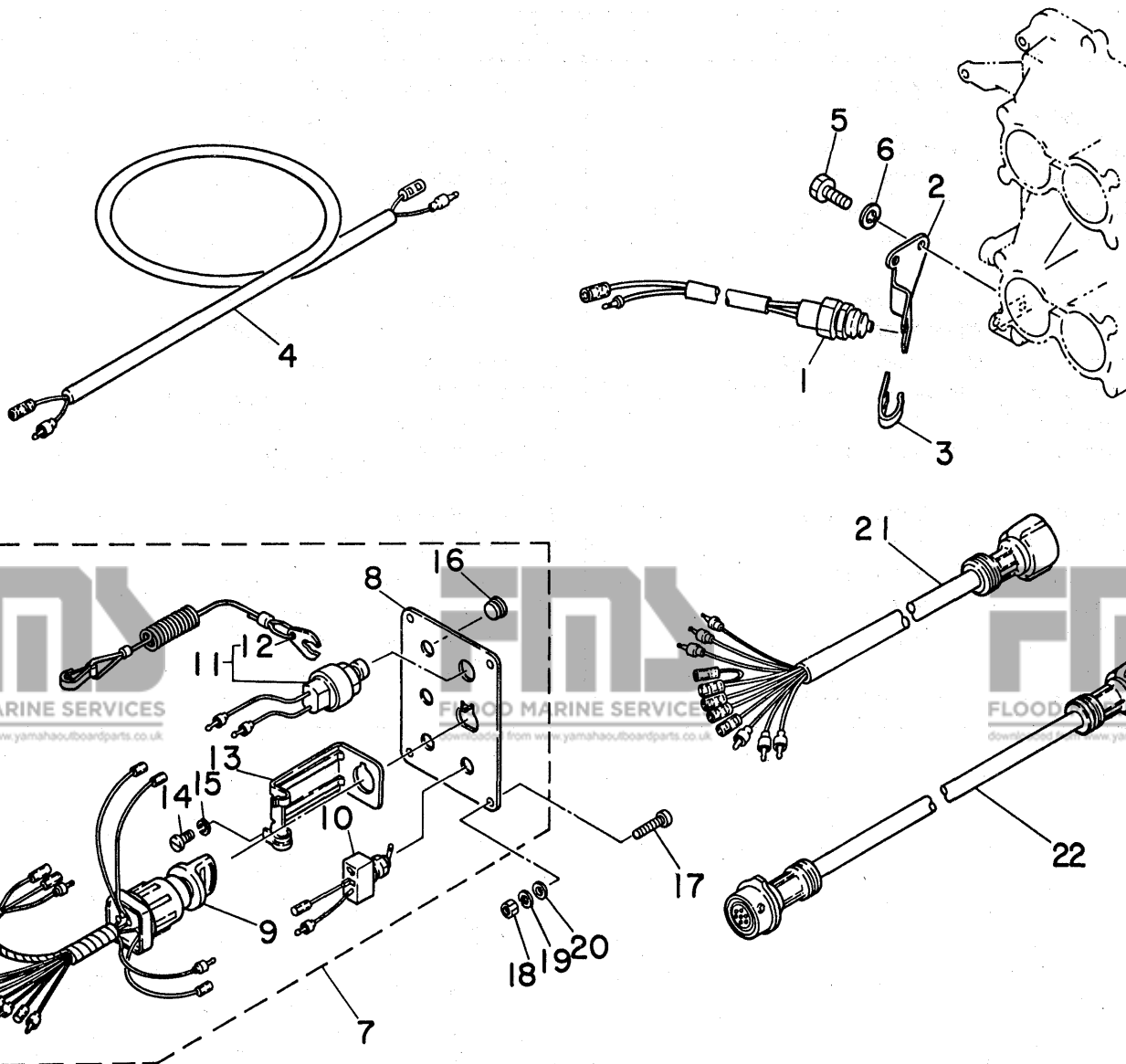


Fig. 7 OPTIONAL PARTS 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
NEUTRAL SWITCH (115A/140A MODEL)				13	663-82581-01	. STAY, cord clamp	1
1	688-82540-10	NEUTRAL SWITCH ASS'Y (115A/140A Model)	1	14	98303-04008	. SCREW, cylinderhead	1
2	6E5-82554-00	STAY, neutral switch (115A/140A Model)	1	15	92901-04100	. WASHER	1
3	663-82555-01	PLATE (115A/140A Model)	1	16	688-82535-00	. GROMMET	3
4	688-82541-10	WIRE, lead (115A/140A Model)	1	17	98903-05025	SCREW, bind	4
5	97303-06016	BOLT (115A/140A Model)	2	18	95303-05600	NUT	4
6	92903-06100	WASHER (115A/140A Model)	2	19	92903-05100	WASHER	4
		SWITCH PANEL		20	92903-05600	WASHER	4
7	688-82570-12	SWITCH PANEL ASS'Y	1	EXTENSION WIRE			
8	688-82571-11	. SWITCH PANEL	1	21	688-8258A-20	EXTENSION, wire harness (5m) (For 10P Concent)	1
9	688-82508-10	. MAIN SWITCH ASS'Y	1	22	688-8258A-10	EXTENSION, wire harness (2m) (For 10P Concent)	1 U.R.
10	688-82574-00	. SWITCH, choke	1	EXTENSION WIRE			
11	688-82575-01	. KILL SWITCH ASS'Y	1	※	688-8258A-30	EXTENSION, wire harness (3m) (For 10P Concent)	1 U.R.
12	682-82556-00	. . STOPPER ASS'Y	1				

※ Not shown

Fig. 8 OPTIONAL PARTS 2

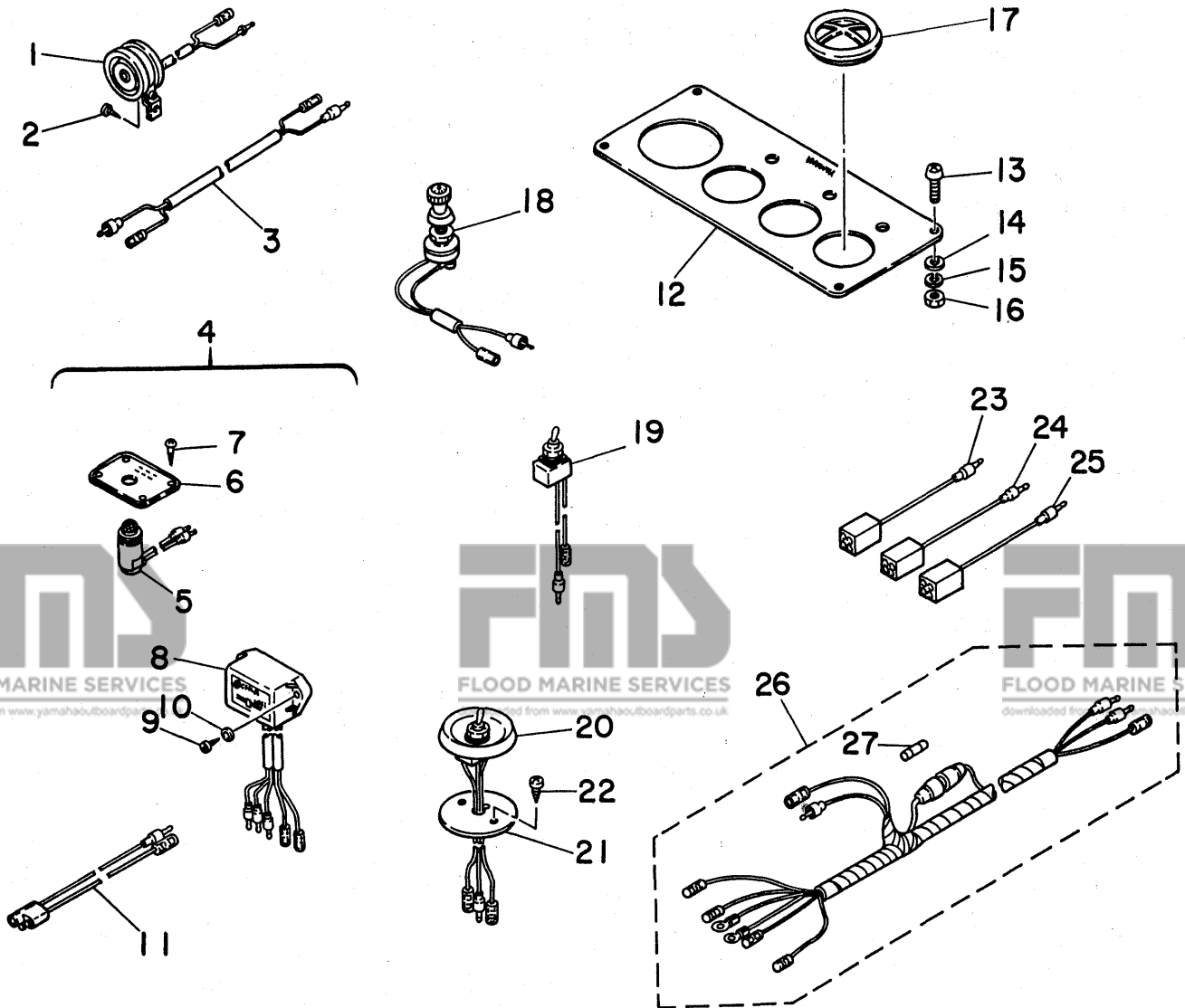


Fig. 8 OPTIONAL PARTS 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
OVERHEAT BUZZER				15	92903-05100	WASHER	4
1	688-83383-10	BUZZER	1	16	95303-05600	NUT	4
2	97780-50112	SCREW, panhead tapping	1	17	688-83559-00	COVER, meter	1 U.N.
3	688-83373-10	LEAD, horn	1			LAMP SWITCH	
CHARGE WARNING LAMP				18	688-82520-00	LAMP SWITCH ASS'Y	1 U.R.
4	688-W0088-40	PILOT LAMP KIT	1	19	688-82526-00	SWITCH, lamp	1 U.R.
5	663-84301-00	. PILOT LAMP ASS'Y	1	POWER TRIM & TILT SWITCH			
6	663-84309-00	. PLATE, set	1	20	688-82563-10	TRIM & TILT SWITCH	
7	95428-31316	. SCREW, roundhead wood	4			(Circular Switch Type)	1
8	697-81901-60	. CHARGE WARNING UNIT ASS'Y	1	21	688-82388-00	PLATE	1
9	97780-60120	. SCREW, panhead tapping	2	22	97780-40116	SCREW, panhead tapping	2
10	92903-06600	. WASHER	2			LEAD WIRE	
11	663-82521-09	. WIRE, lead	1	23	688-82149-00	WIRE, lead (Blue)	1 U.R.
		METER PANEL		24	688-82117-00	WIRE, lead (Black)	1 U.R.
12	688-83611-00	PANEL, meter	1	25	688-82521-00	WIRE, lead (Yellow)	1 U.R.
13	98903-05025	SCREW, bind	4	26	688-83553-10	WIRE, lead	1
14	92903-05600	WASHER	4	27	1E6-82151-00	. FUSE (12V-10A)	1

Fig. 9 OPTIONAL PARTS 3

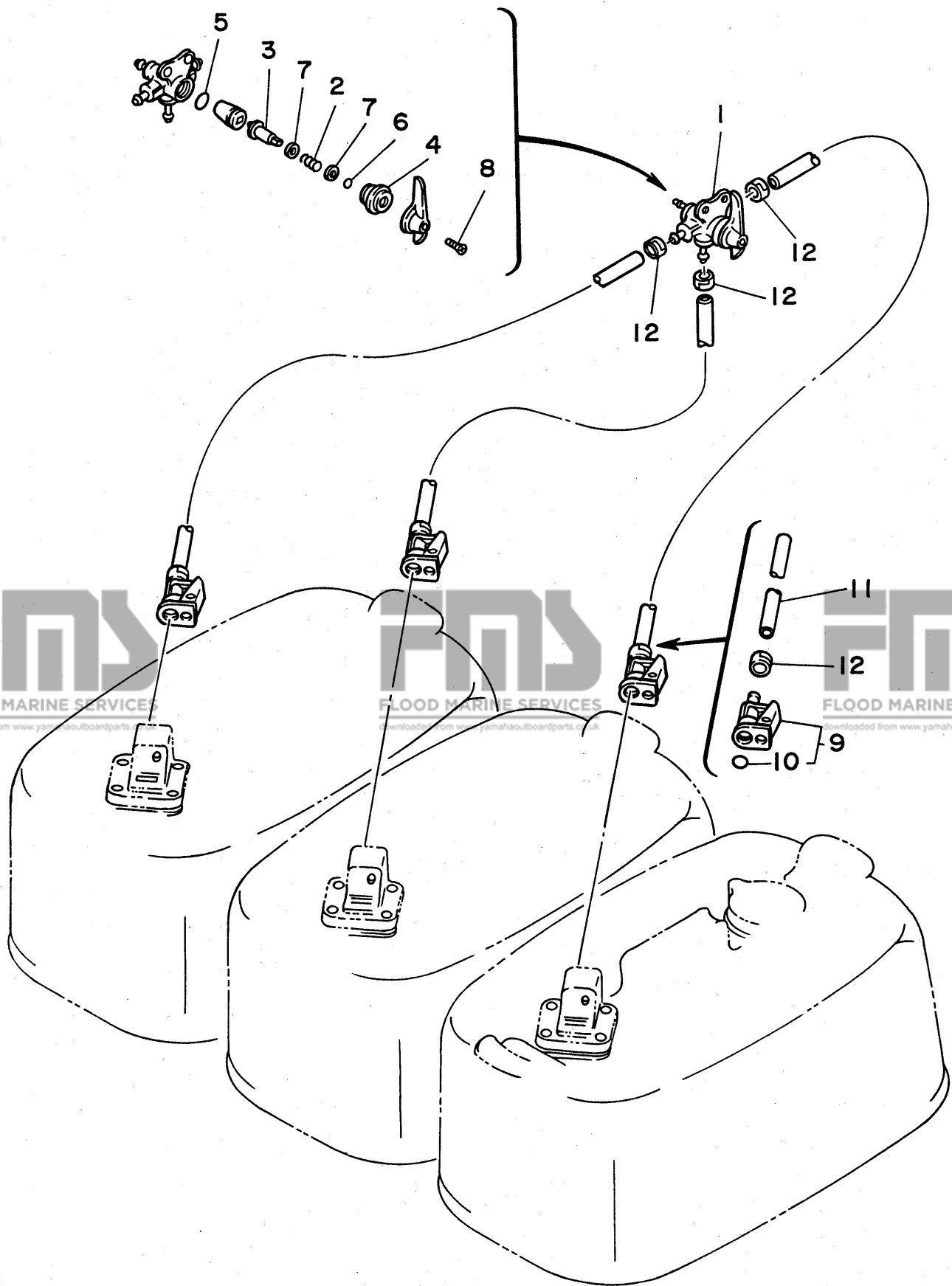


Fig. 9 OPTIONAL PARTS 3

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
FOUR WAY FUEL COCK				7	90201-08M32	. WASHER	2
1	6E5-24540-00	FUEL COCK ASS'Y	1	8	98680-04016	. SCREW, ovalhead	1
2	90501-12M13	. SPRING, compression	1	FUEL PIPE JOINT			
3	688-24554-00	. CONNECTOR	1	9	6E5-24305-00	FUEL PIPE JOINT COMP. 2	3
4	688-24559-00	. NUT	1	10	93210-08287	. O-RING	3
5	93210-20M28	. O-RING	1	11	90445-13M32	HOSE	3
6	93210-08M27	. O-RING	1	12	6E5-24351-00	BAND, fuel pipe	6

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1E6-82151-00	A.P. 5- 8 8-27	6E5-11193-01	115-140 22-21 22-36	6E5-13200-00	115-140 19- 1	6E5-14383-00	115-140 4-15
1E6-82151-00	220A 9-11	6E5-11325-00	220A 1-10	6E5-13552-00	220A 3-19	6E5-14383-00	150-200 4-16
1E6-82151-00	115-140 9-11	6E5-11325-00	115-140 1-10	6E5-13552-00	115-140 3-19	6E5-14384-01	115-140 22- 5
1E6-82151-00	150-200 9-11	6E5-11325-00	150-200 1-10	6E5-13552-02	150-200 3-19	6E5-14384-01	150-200 4- 6
1J2-14397-00	115-140 22-13	6E5-11370-00	115-140 3-18	6E5-13610-00	220A 3-28	6E5-14384-02	220A 4- 6
1J2-14398-00	220A 4-11	6E5-11371-00-9M	220A 1-17	6E5-13610-00	115-140 3-27		22-26
	22-27	6E5-11371-00-9M	115-140 1-17	6E5-13610-00	150-200 3-28	6E5-14384-02	115-140 4- 5
1J2-14398-00	115-140 4-10	6E5-11371-00-9M	150-200 1-17	6E5-13621-00	220A 3-30		22-47
	22- 8	6E5-11372-00	115-140 1- 5	6E5-13621-00	115-140 3-29	6E5-14384-02	150-200 21-26
1J2-14398-00	150-200 4-11	6E5-11375-00	220A 3-18		22-41	6E5-14385-00	220A 4- 7
	21-27	6E5-11375-00	150-200 3-18	6E5-13621-00	150-200 3-30		22-25
367-14195-00	220A 4-25	6E5-11381-00	220A 1-18		21-17	6E5-14385-00	115-140 4- 6
	22-23		22- 2	6E5-13641-10-94	115-140 3-16		22- 6
367-14195-00	115-140 4-24	6E5-11381-00	115-140 1-18	6E5-13645-00	115-140 3-26	6E5-14385-00	150-200 4- 7
	22-14		22-19		22-42		21-25
367-14195-00	150-200 4-25		22-34	6E5-13645-00	150-200 21-16	6E5-14386-01	220A 4- 8
	21-23	6E5-11381-00	150-200 1-18	6E5-14198-00	220A 3-13		22-24
6A0-24421-01	220A 5-26		21- 2		22-15	6E5-14386-01	115-140 4- 7
6A0-24421-01	115-140 5-25	6E5-11411-01	115-140 2- 7		22-21		22- 7
6A0-24421-01	150-200 5-26	6E5-11447-00	220A 2- 8	6E5-14198-00	115-140 3-13	6E5-14386-01	150-200 4- 8
6A0-82317-00	220A 20-22	6E5-11447-00	115-140 2- 8		22- 3		21-24
	20-28	6E5-11447-00	150-200 2- 8		22-18	6E5-14390-20	220A 4-13
6A0-82317-00	115-140 20-22	6E5-11536-00	220A 19-10		22-43		22-22
	20-28	6E5-11536-00	115-140 19- 8	6E5-14198-00	150-200 3-13	6E5-14390-20	115-140 4-12
6A0-82317-00	150-200 19-22	6E5-11536-00	150-200 18-10		21-15		22- 9
	19-28	6E5-11537-00	220A 19-11		21-21	6E5-14390-20	150-200 4-13
6E0-28100-00	A.P. 1-18	6E5-11537-00	115-140 19- 9	6E5-14276-00	220A 19-17		21-22
6E3-82370-20	220A 18- 8	6E5-11537-00	150-200 18-11	6E5-14276-00	115-140 19-15	6E5-14398-00	220A 4-17
6E5-W0001-01	115-140 1-52	6E5-11610-01	220A 2-14	6E5-14276-00	150-200 18-17		22-28
	22-15	6E5-11610-01	115-140 2-14	6E5-14301-02	115-140 4- 1	6E5-14398-00	115-140 4-16
6E5-W0001-20	115-140 13-68	6E5-11610-01	150-200 2-14	6E5-14302-02	115-140 4- 2		22-10
	22-48	6E5-11610-11	220A 2-14	6E5-14302-02	115-140 4- 2	6E5-14398-00	150-200 4-17
6E5-W0004-00	220A 3-29	6E5-11610-11	115-140 2-14	6E5-14323-00	115-140 22-11		21-28
6E5-W0004-00	115-140 3-28	6E5-11610-11	150-200 2-14	6E5-14323-00	150-200 21-32	6E5-1441K-00	115-140 3- 2
6E5-W0004-00	150-200 3-29	6E5-11610-21	220A 2-14	6E5-14323-01	115-140 4-19	6E5-14416-00	115-140 3- 3
6E5-W0070-E0	115-140 6- 2	6E5-11610-21	115-140 2-14	6E5-14337-45	150-200 4-15		22-16
6E5-W0078-OA	115-140 13-70	6E5-11610-21	150-200 2-14	6E5-14337-65	150-200 4-15		22-45
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	22-82	6E5-11633-01	115-140 2-15	6E5-14337-80	115-140 4-14	6E5-14418-00	115-140 3- 1
6E5-W0081-00	A.P. 5- 9	6E5-11633-01	150-200 2-15	6E5-14337-80	150-200 4-15	6E5-14483-00	115-140 3-10
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	22- 1	6E5-11634-00	150-200 2-16	6E5-14343-63	150-200 4-10		22-44
6E5-11111-00-94	115-140 1-26	6E5-11634-00	150-200 2-16	6E5-14343-78	150-200 4-10	6E5-14485-00	220A 3- 8
6E5-11119-00	220A 1-14	6E5-11650-01	220A 2-19	6E5-14343-83	220A 4-10	6E5-14485-00	115-140 3- 8
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6E5-11181-02	115-140 1-27	6E5-12411-00	220A 1-36	6E5-14347-25	115-140 4-13	6E5-14711-00-9M	115-140 12-12
	22-20	6E5-12411-00	115-140 1-36	6E5-14347-25	150-200 4-14	6E5-14711-00-9M	150-200 11-12
	22-35	6E5-12411-00	150-200 1-36	6E5-14347-30	220A 4-14	6E5-14737-00	220A 11-17
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		6E5-13117-00	150-200 18-12	6E5-14383-00	220A 4-16	6E5-15100-02-94	115-140 1- 2

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6E5-15163-00-94	115-140 2- 1	6E5-24367-10	150-200 7-34	6E5-41213-00	115-140 11-33	6E5-42716-00	115-140 7-22
6E5-15163-00-94	150-200 2- 1	6E5-24378-00	220A 5-33	6E5-41214-00	220A 10- 8	6E5-42716-00	150-200 7-22
6E5-21708-00	220A 20- 1	6E5-24378-00	150-200 5-33	6E5-41214-00	115-140 11- 8	6E5-42724-00	220A 11-11
6E5-21708-00	115-140 20- 1	6E5-24379-00	220A 20-11	6E5-41214-00	150-200 10- 8	6E5-42724-00	115-140 12-11
6E5-21708-00	150-200 19- 1		20-34	6E5-41217-00	115-140 3-36	6E5-42724-00	150-200 11-11
6E5-21734-00-33	220A 20-16	6E5-24379-00	115-140 20-11	6E5-41241-00	220A 19-14	6E5-42725-00	150-200 7-12
6E5-21734-00-33	115-140 20-16		20-33	6E5-41241-00	115-140 19-12	6E5-42725-10	220A 7-12
6E5-21734-00-33	150-200 19-16	6E5-24379-00	150-200 19-11	6E5-41241-00	150-200 18-14	6E5-42725-10	115-140 7-12
6E5-21746-00	220A 20-18		19-33	6E5-41256-00	220A 3-37	6E5-42738-00-94	220A 7-13
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6E5-21746-00	150-200 19-18	6E5-24410-00	115-140 5-15	6E5-41256-00	150-200 3-37	6E5-42738-00-94	150-200 7-13
6E5-21750-00	220A 20-21	6E5-24410-00	150-200 5-16	6E5-41271-00	220A 3-34	6E5-42741-00-EJ	115-140 7-20
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6E5-21750-00	150-200 19-21	6E5-24411-00	115-140 5-21	6E5-41271-00	150-200 3-34	6E5-42741-00-EK	220A 7-20
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6E5-24304-00-94	220A 5- 1	6E5-24423-00	150-200 5-24	6E5-42510-00-EJ	115-140 8-38	6E5-42769-00	220A 11-30
6E5-24304-00-94	115-140 5- 1	6E5-24434-00	220A 5-25	6E5-42510-00-EJ	150-200 8-38	6E5-42769-00	115-140 12-30
6E5-24304-00-94	150-200 5- 1	6E5-24434-00	115-140 5-24	6E5-42510-00-EK	220A 8-38	6E5-42769-00	150-200 11-30
6E5-24305-00	A.P. 1-11	6E5-24434-00	150-200 5-25	6E5-42510-20-EJ	115-140 8-38	6E5-42771-00-EJ	115-140 7-21
	9- 9	6E5-24435-00	220A 5-21	6E5-42510-20-EJ	150-200 8-38	6E5-42771-00-EJ	150-200 7-21
6E5-24312-00	220A 1-45	6E5-24435-00	115-140 5-20	6E5-42510-20-EK	220A 8-38	6E5-42771-00-EK	220A 7-21
6E5-24312-00	115-140 1-45	6E5-24435-00	150-200 5-21	6E5-42542-00	115-140 15-27	6E5-42816-01	220A 7-10
6E5-24312-00	150-200 1-45	6E5-24471-00	220A 5-20	6E5-42610-G0-EJ	115-140 6- 1	6E5-42816-01	115-140 7-10
6E5-24313-00	115-140 5- 3	6E5-24471-00	115-140 5-19	6E5-42613-00-EJ	115-140 6- 9	6E5-42816-01	150-200 7-10
6E5-24314-00	115-140 5-14	6E5-24471-00	150-200 5-20	6E5-42615-00	220A 6-12	6E5-42817-00-EJ	115-140 7- 8
6E5-24315-00	220A 5-32	6E5-24540-00	A.P. 9- 1	6E5-42615-00	115-140 6-12	6E5-42817-00-EJ	150-200 7- 8
6E5-24315-00	150-200 5-32	6E5-24560-00	220A 5- 6	6E5-42615-00	150-200 6-12	6E5-42817-00-EK	220A 7- 8
6E5-24316-00	220A 5-34	6E5-24560-00	115-140 5- 5	6E5-42617-00	220A 6-22	6E5-43111-00-EJ	115-140 8- 1
6E5-24316-00	150-200 5-34	6E5-24560-00	150-200 5- 6	6E5-42617-00	115-140 6-22	6E5-43111-00-EJ	150-200 8- 1
6E5-24318-00	220A 20- 3	6E5-24566-00	115-140 5-10	6E5-42617-00	150-200 6-22	6E5-43111-00-EK	220A 8- 1
6E5-24318-00	115-140 20- 3	6E5-41111-00-9M	115-140 1-41	6E5-42619-00	115-140 6-23	6E5-43112-00-EJ	115-140 8- 5
6E5-24318-00	150-200 19- 3	6E5-41112-00	115-140 1-42	6E5-42627-00	115-140 6-24	6E5-43112-00-EJ	150-200 8- 5
6E5-24319-00	220A 20- 6		22-23	6E5-42647-00-94	220A 6-13	6E5-43112-00-EK	220A 8- 5
6E5-24319-00	115-140 20- 6		22-38	6E5-42647-00-94	115-140 6-13	6E5-43124-00	115-140 10-27
6E5-24319-00	150-200 19- 6	6E5-41113-00-9M	115-140 1-43	6E5-42647-00-94	150-200 6-13	6E5-43126-00	220A 8-35
6E5-24321-00	220A 20-10	6E5-41131-00-9M	115-140 12- 5	6E5-42649-01-94	220A 6-14	6E5-43126-00	115-140 8-35
6E5-24321-00	115-140 20-10	6E5-41132-00-9M	115-140 12- 6	6E5-42649-01-94	115-140 6-14	6E5-43126-00	150-200 8-35
6E5-24321-00	150-200 19-10	6E5-41134-00	115-140 12- 7	6E5-42649-01-94	150-200 6-14	6E5-43128-00-EJ	115-140 10- 1
6E5-24323-00	220A 20-33		22-49	6E5-42652-00	220A 6-19	6E5-43131-00	220A 8-11
6E5-24323-00	115-140 20-32	6E5-41135-00	220A 11-14	6E5-42652-00	115-140 6-19	6E5-43131-00	115-140 8-11
6E5-24323-00	150-200 19-32		22-37	6E5-42652-00	150-200 6-19	6E5-43131-00	150-200 8-11
6E5-24351-00	A.P. 1-15	6E5-41135-00	115-140 12-14	6E5-42678-E0	115-140 6- 8	6E5-43145-00	A.P. 4- 8
	9-12		22-52	6E5-42686-01	115-140 6- 6	6E5-43160-00	115-140 8-16
6E5-24367-00	150-200 7-30		22-68	6E5-42687-01	115-140 6- 7	6E5-43160-01	150-200 8-16
6E5-24367-01	220A 7-30	6E5-41135-00	150-200 11-14	6E5-42711-10-EJ	115-140 7- 1	6E5-43160-10	220A 8-16
6E5-24367-01	115-140 7-30		21-37	6E5-42711-10-EJ	150-200 7- 1	6E5-43160-10	115-140 8-16
6E5-24367-10	220A 7-34	6E5-41137-01-94	115-140 12- 4	6E5-42711-10-EK	220A 7- 1	6E5-43170-00-EJ	115-140 10-29

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6E5-43181-00	115-140 8-27	6E5-43825-00	115-140 21-16		21-46	6E5-44552-00-EJ	115-140 8-53
6E5-43181-00	150-200 8-27	6E5-43825-00	150-200 20-16		21-57	6E5-44552-00-EJ	150-200 8-53
6E5-43185-00	220A 8-28	6E5-43833-00	220A 21-59	6E5-44322-00	220A 12-15	6E5-44552-00-EK	220A 8-53
6E5-43185-00	115-140 8-28	6E5-43833-00	115-140 21-59		22-52	6E5-44553-00-EJ	115-140 8-56
6E5-43185-00	150-200 8-28	6E5-43833-00	150-200 20-59	6E5-44322-00	115-140 13-15	6E5-44553-00-EJ	150-200 8-56
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