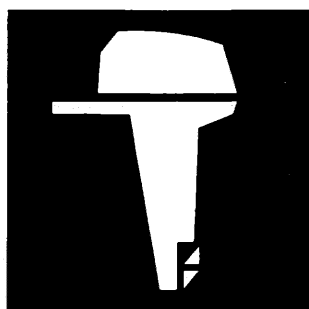




PARTS CATALOGUE

ORIGIN SEREIES (20C to 115B) for '93 model

1R6A9-300E1



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40Q.....	89
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20CM

25V/30G

40Q

55B

75A/85A

115B

A.P.

FOREWORD

This Parts Catalogue is related to the parts in use for the Yamaha outboard motor 20CM to 115BETO '93 model. When you are ordering replacement parts for the 20CM to 115BETO '93 model, refer to this Parts Catalogue and quote both part numbers and part names correctly.

1. Modifications or additions which have been made after issue of the Parts Catalogue will be announced in the Yamaha Parts News.
It is advisable that according to the Yamaha Parts News you make necessary corrections to the Parts Catalogue on hand to keep it up-to-date.

2. Abbreviations

The following abbreviations are used in this Parts Catalogue.

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

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

EXAMPLE

CARBURETOR ASS'Y
. JET, pilot
. NOZZLE, main

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

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

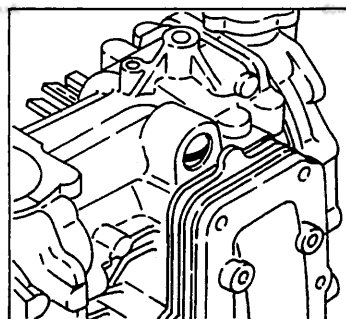
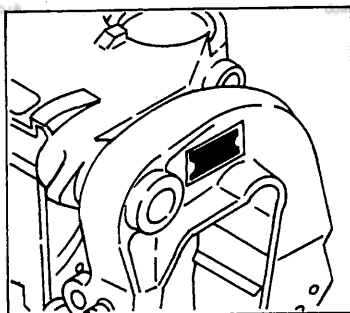
EXAMPLE

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

FOREWORD

5. Initial Serial No. and Color Code

Engine Serial No.		Engine Serial No.	
20CM	S:018905 and following L:312426 and following	55BE	S:004790 and following L:326049 and following
25VM	S:000718 and following L:300808 and following	55BM	S:252001 and following
25VEM	S:100101 and following	75AE	L:304427 and following
30GM	S:000153 and following L:300272 and following	75AET	L:405458 and following
30GEM	S:200101 and following	85AE	L:315125 and following
40QM	S:010985 and following	85AET	L:418945 and following
40QEM	S:110101 and following	115BETO	L:366335 and following
40QE	S:180403 and following L:553616 and following		



Color Code	Color Name	Abbreviate
1D	DARK BLUISH GRAY SOLID 1	DBGS1



20CM

20CM(6A9)



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Fig. 1 CYLINDER. CRANKCASE

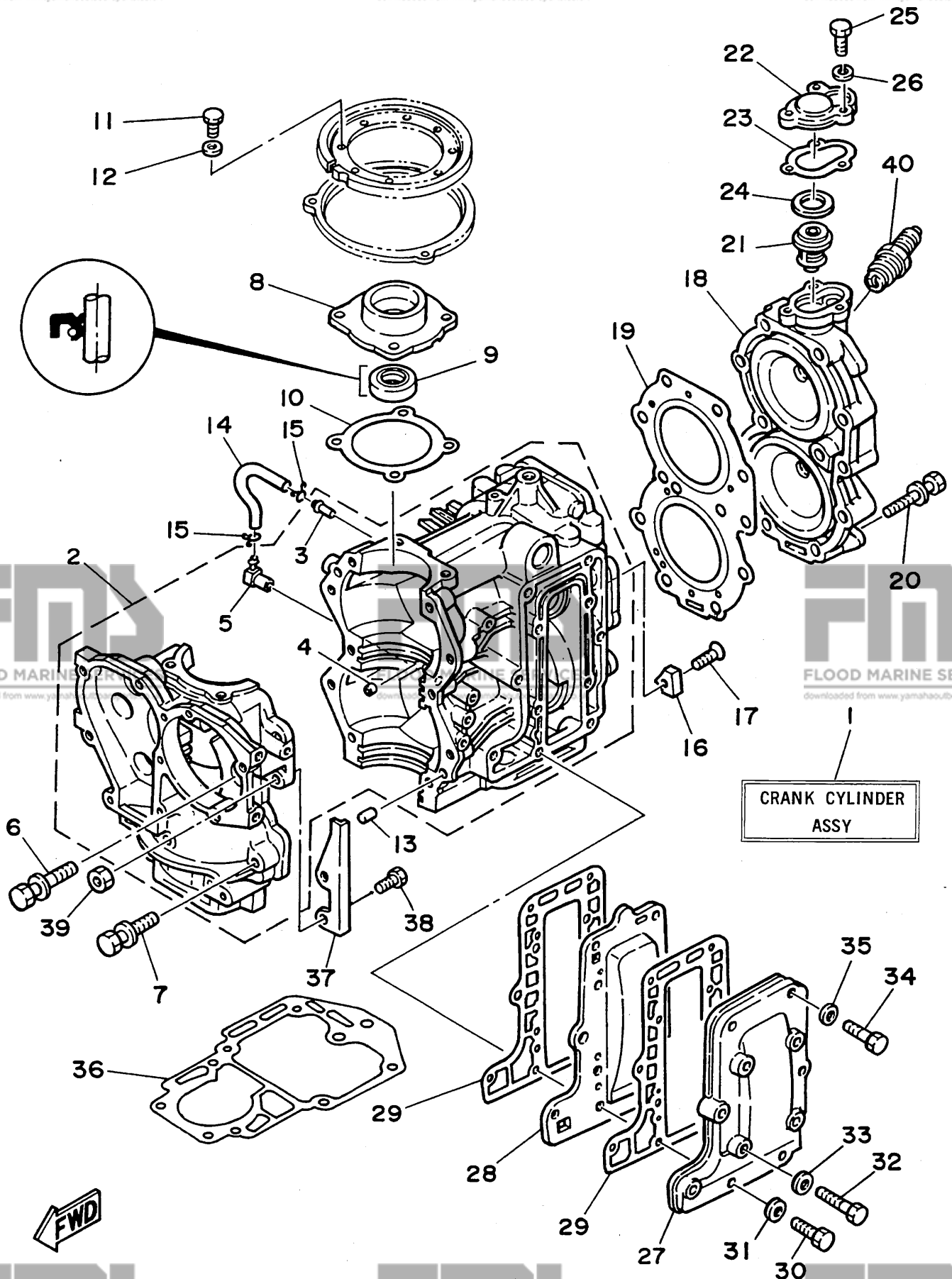


Fig. 1 CYLINDER. CRANKCASE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A9-W0090-83-1D	CRANK CYLINDER ASSY (Ref.No. 2 to 39 and Fig. 2, Ref.No. 1 to 27)	1	20	90119-08M18	BOLT, with washer	11
2	6A9-15100-01-94	CRANKCASE ASSY	1	21	6F5-12411-02	THERMOSTAT	1
3	624-14485-00	.PIPE, joint	1	22	655-12413-01-9M	COVER, thermostat	1
4	624-11379-00	.VALVE, check	1	23	655-12414-A1	GASKET, cover	1
5	650-11370-00	.CHECK VALVE ASSY	1	24	90201-21567	WASHER, plate	1
6	90119-08M18	BOLT, with washer	2	25	97313-06020	BOLT	3
7	90119-08M20	BOLT, with washer	8	26	92990-06600	WASHER, plate	3
8	664-15359-01-94	HOUSING, oil seal	1	27	664-41113-00-94	OUTER COVER, exhaust	1
9	93102-23096	OIL SEAL	1	28	664-41111-00	INNER COVER, exhaust	1
10	664-15369-A0	GASKET, oil seal housing	1	29	664-41114-A0	GASKET, exhaust outer cover	2
11	97313-06020	BOLT	4	30	97313-06025	BOLT	1
12	92995-06100	WASHER, spring	4	31	92990-06600	WASHER, plate	1
13	93606-12019	PIN, dowel	2	32	97313-06030	BOLT	6
14	90445-07260	HOSE	1	33	92990-06600	WASHER, plate	6
15	90467-06016	CLIP	2	34	97313-06035	BOLT	4
16	689-11325-00	ANODE	1	35	92990-06600	WASHER, plate	4
17	98780-06020	SCREW, flat head	1	36	689-45113-A1	GASKET, upper casing	1
18	6A9-11111-00-94	HEAD, cylinder 1	1	37	695-41616-00	STOPPER, magneto base	1
19	695-11181-A0	GASKET, cylinder head 1	1	38	97313-06020	BOLT	2
				39	95380-06600	NUT	2
				40	94702-00272	PLUG, spark (NGK BR7HS)	2

Fig. 2 CRANKSHAFT. PISTON

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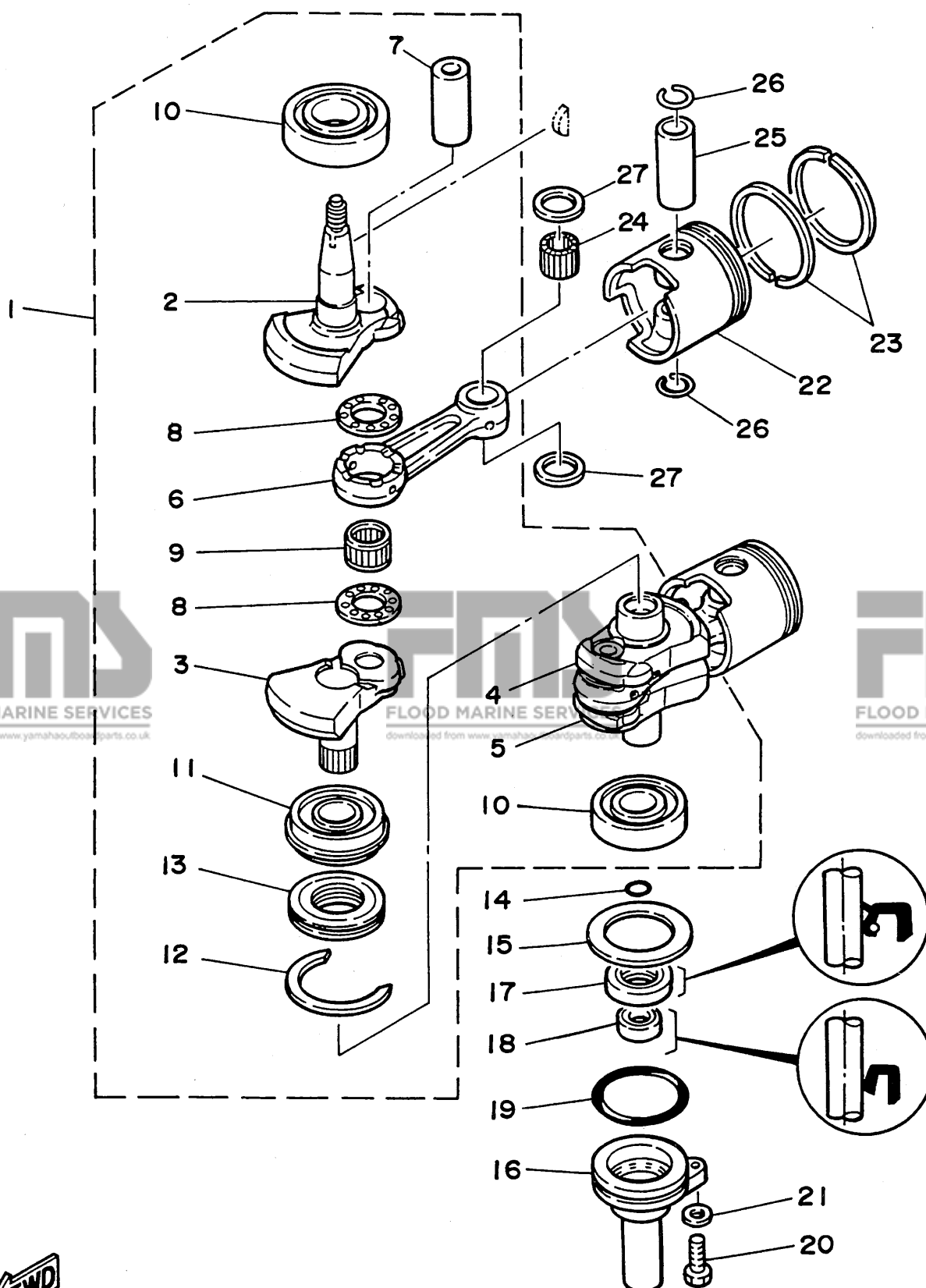
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Fig. 2 CRANKSHAFT. PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	695-11400-00	CRANKSHAFT ASSY	1	17	93101-25M35	OIL SEAL	1
2	6G0-11412-10	.CRANK 1	1	18	93101-16M36	OIL SEAL	1
3	6G0-11422-00	.CRANK 2	1	19	93210-57M09	O-RING	1
4	6G0-11432-00	.CRANK 3	1	20	97395-06022	BOLT	1
5	695-11442-00	.CRANK 4	1	21	92990-06600	WASHER, plate	1
6	648-11651-04	.ROD, connecting	2	22	664-11631-80-97	PISTON (STD)	2
7	648-11681-00	.PIN, crank 1	2		664-11635-80	PISTON (0.25MM O/S)	2 AP
8	90209-22248	.WASHER	4		664-11636-80	PISTON (0.50MM O/S)	2 AP
9	93310-522W0	.BEARING, cylindrical	2	23	664-11610-80	PISTON RING SET (STD)	2
10	93306-305U3	.BEARING	2		664-11610-40	PISTON RING SET (0.25MM O/S)	2 AP
11	93390-00009	.BEARING	1		664-11610-50	PISTON RING SET (0.50MM O/S)	2 AP
12	93440-62057	.CIRCLIP	1	24	93602-20M02	PIN, dowel	62
13	656-11515-00	.SEAL, labyrinth 1	1	25	648-11633-00	PIN, piston	2
14	93210-16275	O-RING	1	26	93450-20026	CIRCLIP	4
15	90201-50306	WASHER, plate	1	27	90201-18522	WASHER, plate	4
16	689-15396-01-5B	HOUSING, oil seal	1				

Fig. 3 INTAKE

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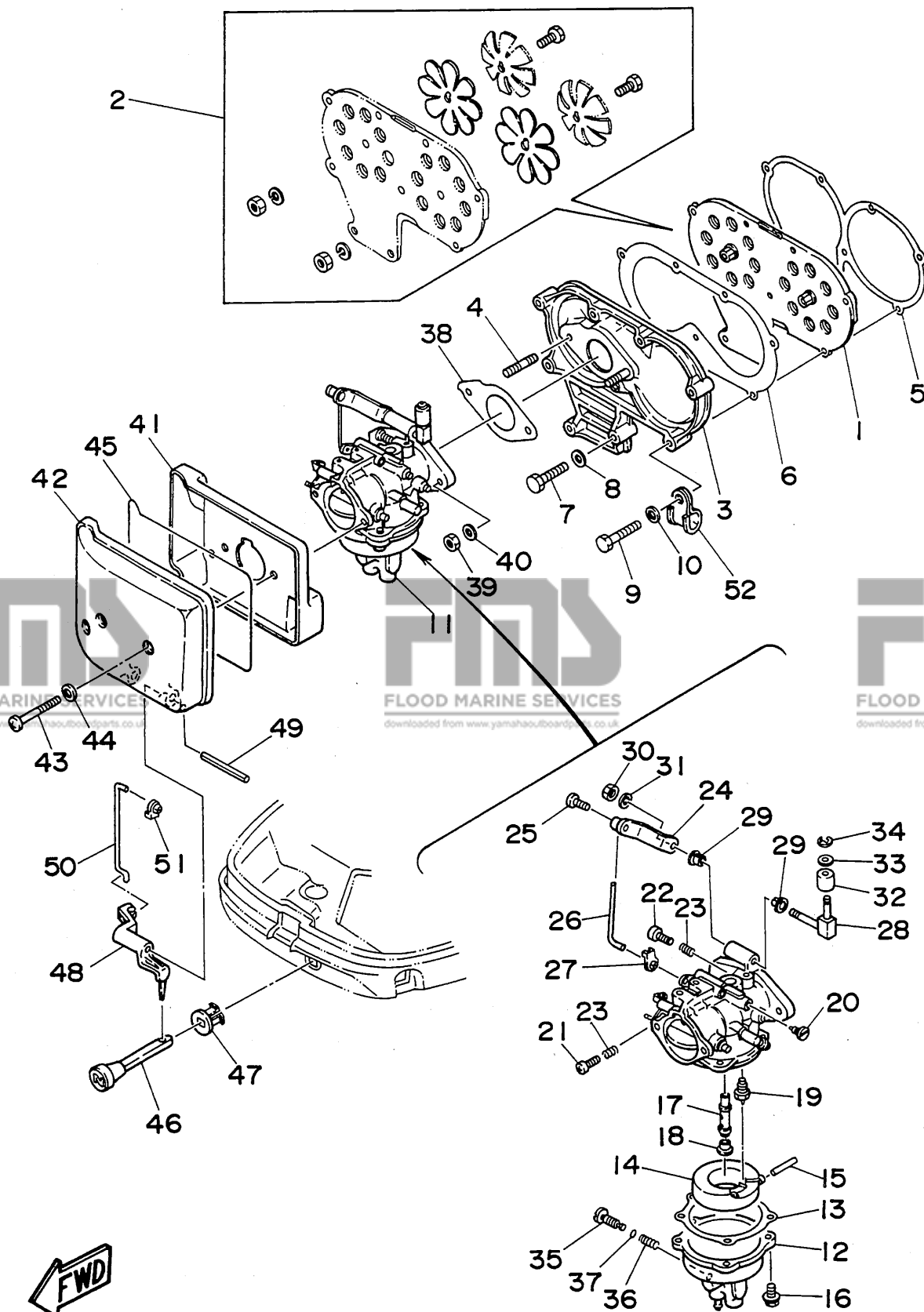
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Fig. 3 INTAKE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-13610-01	REED VALVE ASSY	1	27	661-41262-02	.JOINT, choke lever	1
2	689-W0004-00	.REED SET	1	28	648-W4121-00	.SHEAVE SHAFT, accel. link	1
3	648-13641-01-94	MANIFOLD 1	1	29	90386-05002	.BUSH	2
4	90116-06M30	BOLT, stud	2	30	95380-05700	.NUT	1
5	648-13621-A0	GASKET, valve seat	1	31	92990-05100	.WASHER, spring	1
6	648-13645-A0	GASKET, manifold 1	1	32	664-41231-00	.COLLAR, guide pin	1
7	97313-06025	BOLT	2	33	92990-05200	.WASHER, plain	1
8	92990-06600	WASHER, plate	2	34	93430-04031	.CIRCLIP	1
9	97013-06035	BOLT	7	35	646-14394-00	.VALVE, drain	1
10	92990-06600	WASHER, plate	7	36	646-14223-01	.SPRING, drain valve	1
11	6A9-14301-01	CARBURETOR ASSY 1	1	37	646-14397-00	.O-RING	1
12	664-14381-02	.BODY, float chamber	1	38	648-14198-A0	GASKET	1
13	648-14384-01	.GASKET, float chamber	1	39	95380-06600	NUT	2
14	648-14385-00	.FLOAT	1	40	92990-06600	WASHER, plate	2
15	6E5-14386-01	.PIN, float	1	41	695-14417-00	COVER 1	1
16	97980-04112	.SCREW, with washer	4	42	695-14418-01	COVER 2	1
17	6A9-14341-00	.NOZZLE, main	1	43	98580-05530	SCREW, pan head	2
18	689-14343-66	.JET, main (#132)	1	44	92990-05600	WASHER, plate	2
19	61K-14390-00	.NEEDLE VALVE ASSY	1	45	695-14476-00	SEAL	1
20	648-14342-31	.JET, pilot (# 62)	1	46	682-41271-00	KNOB, choke	1
21	664-14321-01	.SCREW, pan head	1	47	689-41273-00	GROMMET	1
22	647-14323-00	.SCREW, air adjusting	1	48	689-41252-01	LEVER, choke	1
23	646-14212-01	.SPRING, pilot adjusting	2	49	91690-40048	PIN, spring	1
24	648-41210-01	.ACCEL. ARM ASSY	1	50	695-41256-00	ROD, choke 1	1
25	650-14327-01	.SCREW	1	51	661-41262-02	JOINT, choke lever	1
26	656-41241-00	.ROD, link	1	52	90461-06M01	CLAMP	1

Fig. 4 STARTER

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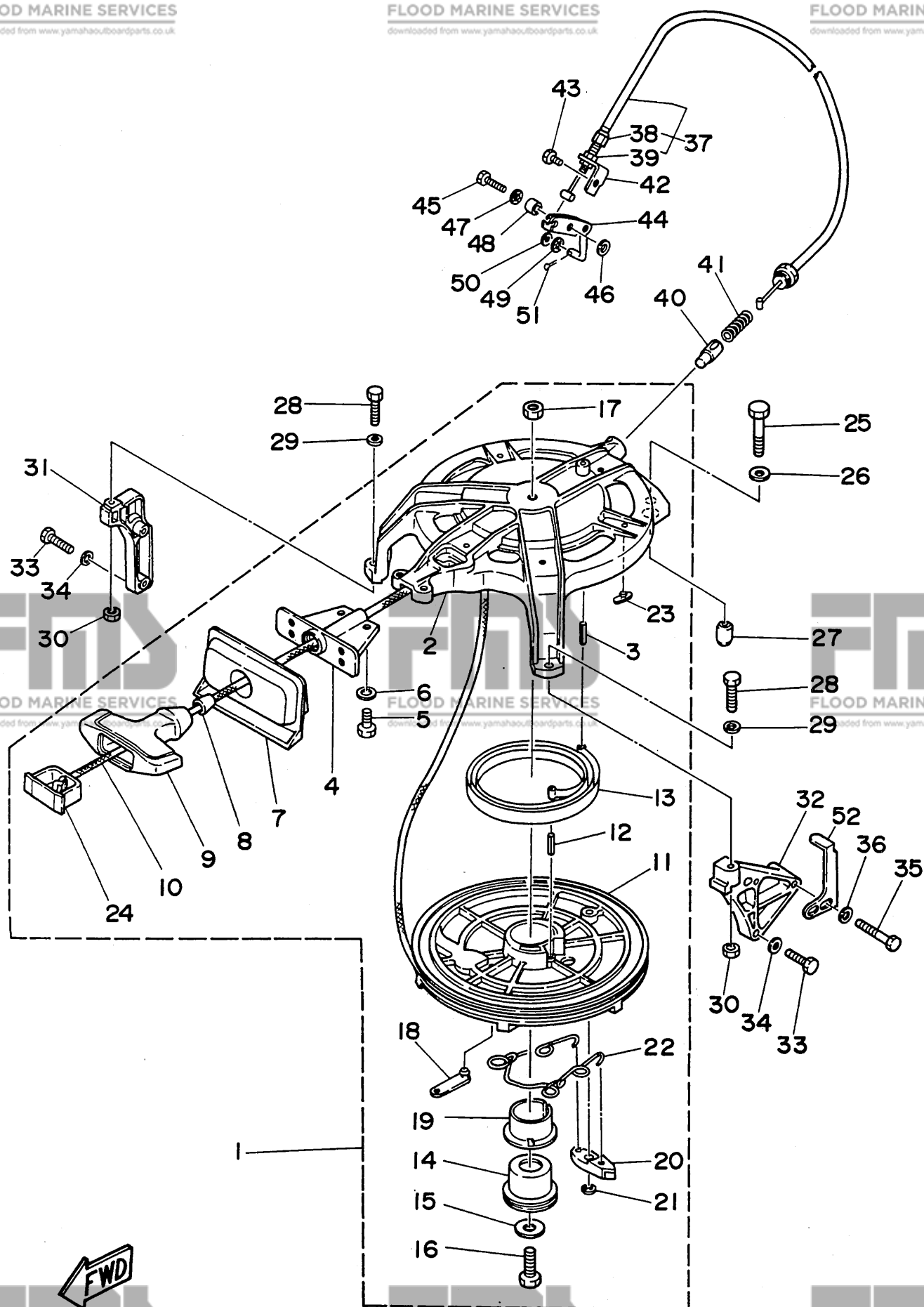
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Fig. 4 STARTER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-15710-03	STARTER ASSY	1	27	99510-12016	PIN, dowel	1
2	676-15711-00-94	.CASE, starter	1	28	97395-06030	BOLT	2
3	91690-40020	.PIN, spring	2	29	92990-06600	WASHER, plate	2
4	689-15758-01-94	.GUIDE, rope	1	30	95380-06600	NUT	2
5	97395-06016	.BOLT	2	31	6H7-15771-01-94	STAY 1	1
6	92990-06600	.WASHER, plate	2	32	656-15772-00-94	STAY 2	1
7	689-15762-01	.SEAL, rubber 2	1	33	97313-06025	BOLT	4
8	689-15789-00	.DAMPER	1	34	92990-06600	WASHER, plate	4
9	689-15755-01	.HANDLE, starter	1	35	97313-06045	BOLT	1
10	*	.WIRE (L:2095MM)	1	36	92990-06600	WASHER, plate	1
11	676-15714-00-94	.DRUM, sheave	1	37	656-15770-00	CABLE COMP., starter stop	1
12	91690-40020	.PIN, spring	1	38	90123-06049	.BOLT	1
13	90510-09M00	.SPRING, spiral	1	39	95380-06600	.NUT	2
14	676-15717-00	.SHAFT, starter	1	40	656-15748-00	PLUNGER, starter stop	1
15	90201-08309	.WASHER, plate	1	41	90501-10227	SPRING, compression	1
16	97013-08025	.BOLT	1	42	689-15774-00	STAY 4	1
17	95333-08600	.NUT	1	43	97313-06010	BOLT	1
18	676-15799-01	.CLIP	1	44	656-15749-00	LINK, starter stop	1
19	90386-35M01	.BUSH	1	45	97395-06020	BOLT	1
20	676-15741-03	.PAWL, drive	1	46	92990-06600	WASHER, plate	1
21	93430-06M02	.CIRCLIP	1	47	90206-08010	WASHER, wave	1
22	676-15705-00	.SPRING, drive pawl	1	48	90387-06568	COLLAR	1
23	676-15773-00	.STAY 3	6	49	90206-05005	WASHER, wave	1
24	6F5-15779-02	.COVER	1	50	92990-05600	WASHER, plate	1
25	97090-08035	BOLT	1	51	91490-16010	PIN, cotter	1
26	92990-08600	WASHER, plate	1	52	689-81332-01	PLATE, timing	1

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

Fig. 5 FUEL

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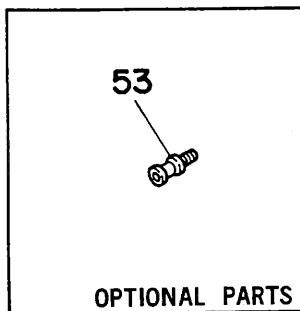
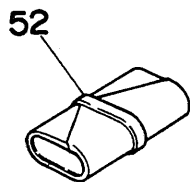
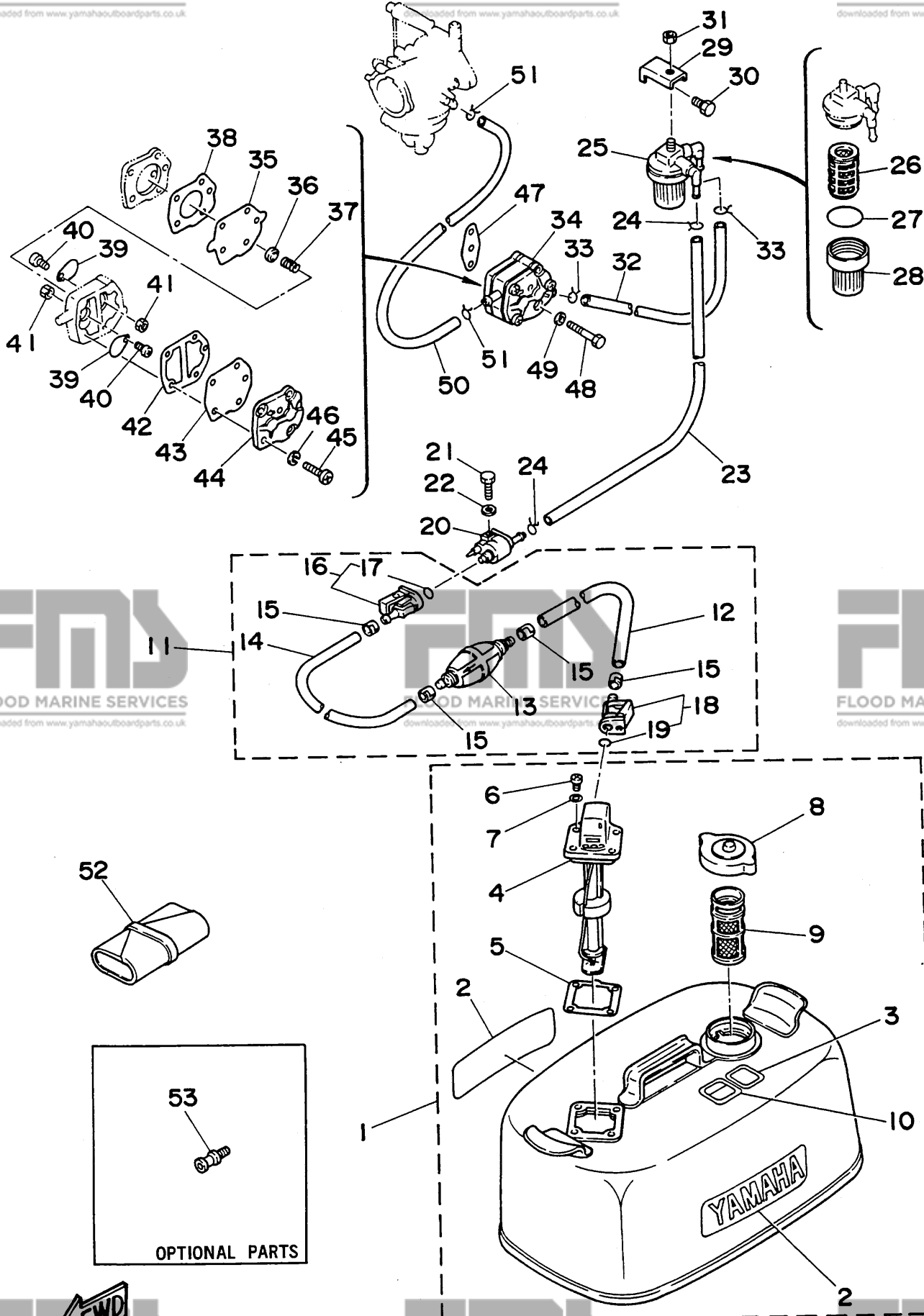
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Fig. 5 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6Y1-W2420-62-24	FUEL TANK ASSY	1	28	655-24521-01	.CUP, filter	1
2	6Y1-24246-00	.GRAPHIC, side	2	29	648-24566-01	BRACKET, filter	1
3	6Y1-24257-00	.GRAPHIC	1	30	97013-06012	BOLT	1
4	6Y1-24260-02	.FUEL METER ASSY	1	31	95380-08600	NUT	1
5	6Y1-24268-00	.GASKET, fuel meter	1	32	664-24311-00	PIPE, fuel 1	1
6	98586-05016	.SCREW, pan head	4	33	90467-08004	CLIP	2
7	6Y1-24329-00	.SEAL	4	34	6A0-24410-05	FUEL PUMP ASSY	1
8	6Y1-24610-00	.CAP ASSY	1	35	648-24411-00	.DIAPHRAGM	1
9	6Y1-24167-00	.STRAINER	1	36	648-24424-00	.SEAT, spring	1
10	6Y1-24255-80	.GRAPHIC, fuel tank 8	1	37	648-24423-00	.SPRING, diaphragm	1
11	6Y1-24306-51	FUEL PIPE COMP. 1	1	38	648-24434-01	.GASKET, body	1
# 12	90445-11M06	.HOSE (L2050)	1	39	6A0-24421-01	.VALVE, check	2
13	6Y1-24360-51	.PRIMER PUMP ASSY	1	40	6A0-14325-00	.SCREW, pan head	2
# 14	90445-11M05	.HOSE (L850)	1	41	95380-03600	.NUT	2
15	650-24351-51	.BAND 1	4	42	648-24435-02	.GASKET, body 2	1
16	6G1-24305-01	.FUEL PIPE JOINT COMP. 2	1	43	663-24411-00	.DIAPHRAGM	1
17	93210-08287	.O-RING	1	44	648-24413-01	.BODY 2	1
18	6Y1-24305-02	.FUEL PIPE JOINT COMP. 2	1	45	98580-05530	.SCREW, pan head	3
19	93210-08287	.O-RING	1	46	92990-05100	.WASHER, spring	3
20	6G1-24304-02	FUEL PIPE JOINT COMP. 1	1	47	650-24431-A0	GASKET, fuel pump 1	1
21	97395-06020	BOLT	1	48	97395-06040	BOLT	2
22	92990-06600	WASHER, plate	1	49	92990-06600	WASHER, plate	2
23	90445-09M25	HOSE	1	50	648-24312-01	PIPE 2	1
24	90467-08004	CLIP	2	51	90467-08004	CLIP	2
25	655-24560-01	FILTER ASSY	1	52	656-W2810-02	TOOL KIT	1
26	6F5-24563-00	.ELEMENT, filter	1	53	6E0-28193-00-94	PLUG, water check	1
27	93210-37M25	.O-RING	1				

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

Fig. 6 TOP COWLING

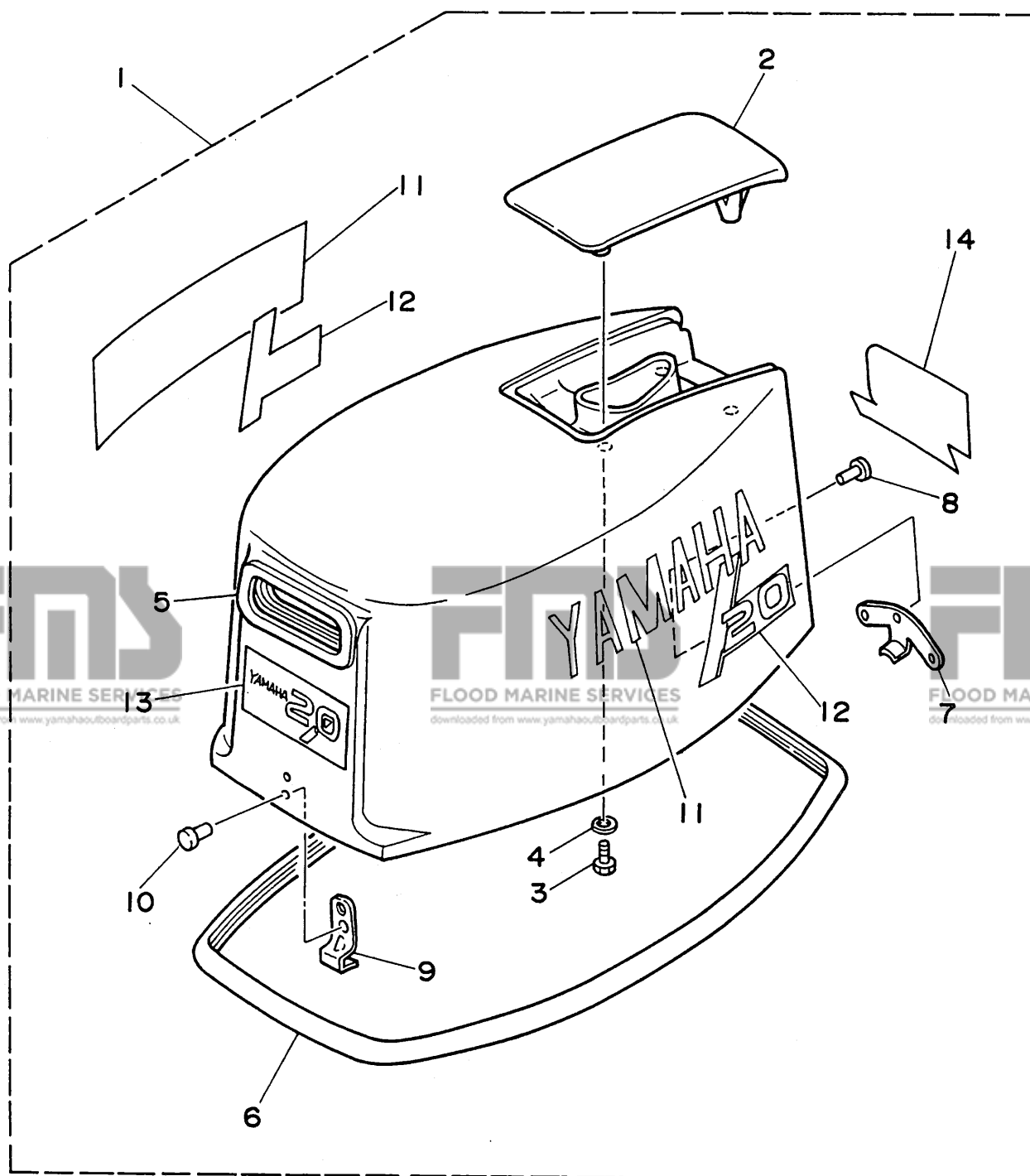


Fig. 6 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A9-42610-B1-1D	TOP COWLING ASSY	1	8	90266-04M01	.RIVET	3
2	689-42613-00-1D	.MOLDING, air duct	1	9	6G0-42651-02	.HOOK	1
3	97395-06012	.BOLT	4	10	90266-04M00	.RIVET	2
4	92990-06600	.WASHER, plate	4	11	695-42681-B0	.MARK, cowling	2
5	689-15761-00	.SEAL, rubber 1	1	12	6A9-W0070-B0	.GRAPHIC SET	1
6	6G0-42615-00	.SEAL	1	13	6A9-42677-B0	.GRAPHIC, front	1
7	689-42647-00	.HOLDER, clamp band	1	14	6A9-42678-B0	.GRAPHIC, rear	1

Fig. 7 BOTTOM COWLING

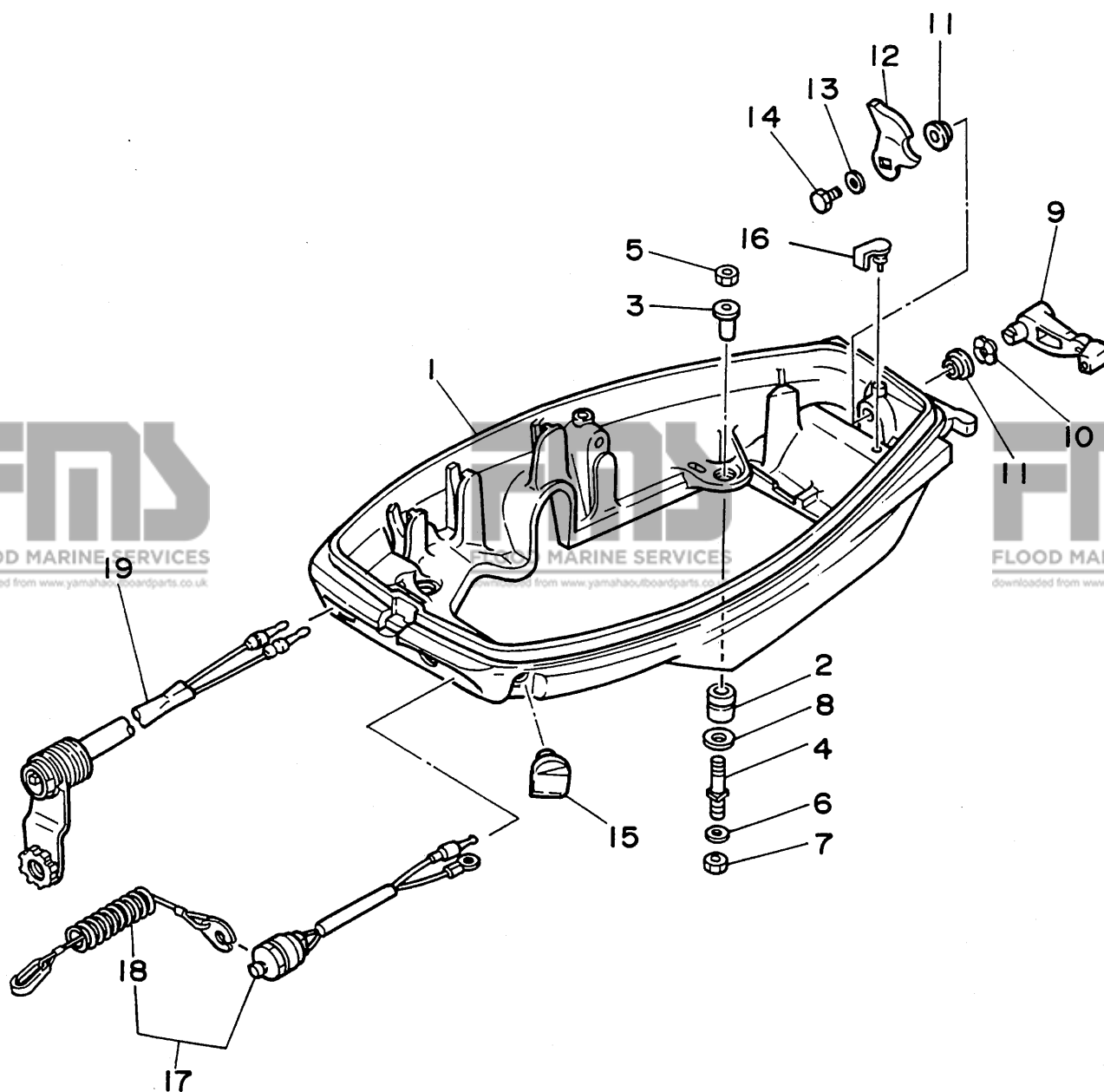


Fig. 7 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-42711-02-1D	COWLING, bottom	1	11	90386-12069	BUSH	2
2	90480-15M06	GROMMET	4	12	689-42816-00	LEVER, clamp	1
3	90387-08M25	COLLAR	4	13	90201-06M02	WASHER, plate	1
4	6G0-42796-00	BOLT 1	4	14	97395-06010	BOLT	1
5	95380-08700	NUT	4	15	689-42725-00	GROMMET	1
6	92990-08600	WASHER, plate	4	16	647-42523-00	SPACER, friction	1
7	95380-08700	NUT	4	17	689-82575-03	ENGINE STOP SWITCH ASSY	1
8	90201-08M87	WASHER, plate	4	18	682-82556-00	.STOPPER	1
9	689-42815-00	LEVER, clamp	1	19	682-84381-00	2P CONCENT	1
10	90206-12052	WASHER, wave	1				

Fig. 8 BRACKET

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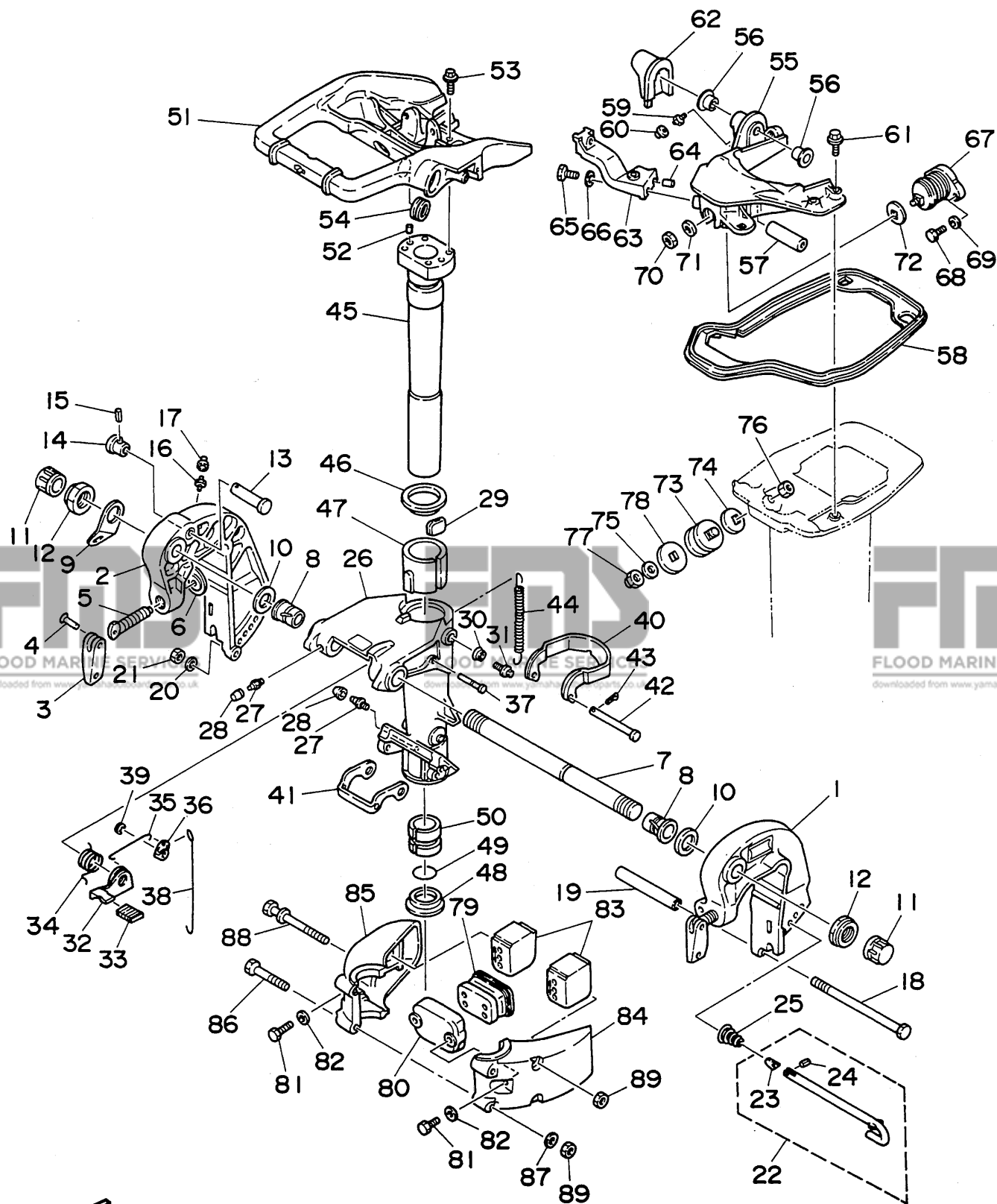
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Fig. 8 BRACKET

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-43111-02-1D	BRACKET, clamp	1	46	90209-47016	WASHER	1
2	689-43112-02-1D	BRACKET, clamp	1	47	90386-47M22	BUSH	1
3	616-43118-00-1D	HANDLE, transom clamp	2	48	90386-38022	BUSH	1
4	90243-04M00	PIN	2	49	93210-37M67	O-RING	1
5	6E7-43116-00	SCREW, transom clamp	2	50	90386-38090	BUSH	1
6	648-43114-01	PAD, transom clamp	2	51	689-42511-00-1D	BRACKET, steering	1
7	6J8-43131-01	BOLT, clamp bracket	1	52	93608-12063	PIN, dowel	2
8	90386-22M67	BUSH	2	53	90105-06M07	BOLT, washer based	4
9	6J8-43113-01	PLATE, clamp bracket	1	54	90480-29045	GROMMET	1
10	90201-22428	WASHER, plate	2	55	648-44518-00-94	BRACKET COMP.	1
11	6G5-43145-00	CAP, clamp bracket	2	56	90381-12M01	BUSH, solid	2
12	90185-22043	NUT, self-locking	2	57	90387-10M39	COLLAR	1
13	689-43191-00	SHAFT, stopper	1	58	689-42716-00	RUBBER, seal 1	1
14	689-43192-01	KNOB, stopper	1	59	93700-06M03	NIPPLE, grease	1
15	91690-30016	PIN, spring	1	60	663-45119-00	CAP, grease nipple	1
16	93700-06M03	NIPPLE, grease	1	61	90105-06M08	BOLT, washer based	4
17	663-45119-00	CAP, grease nipple	1	62	689-42718-00	RUBBER, seal 3	1
18	90101-08339	BOLT	1	63	648-44519-00-94	BRACKET	1
19	90387-08M03	COLLAR	1	64	93606-12019	PIN, dowel	1
20	92990-08600	WASHER, plate	1	65	97395-06018	BOLT	1
21	95380-08600	NUT	1	66	92990-06600	WASHER, plate	1
22	689-43160-00	TILT ROD ASSY	1	67	689-44516-00	MOUNT DAMPER, upper front	1
23	656-43165-01	PLATE, tilt lock	1	68	97395-06020	BOLT	2
24	91690-30008	PIN, spring	1	69	92990-06600	WASHER, plate	2
25	90502-10M07	SPRING, conical	1	70	95380-10600	NUT	1
26	689-43311-03-1D	BRACKET, swivel	1	71	92990-10200	WASHER, plain	1
27	93700-06M03	NIPPLE, grease	3	72	648-44591-A0	GASKET	1
28	663-45119-00	CAP, grease nipple	3	73	664-44514-00-94	MOUNT DAMPER, upper side	2
29	648-42528-00	PLATE, friction	1	74	648-44591-A0	GASKET	2
30	689-43373-01	SEAL, damper	1	75	92990-10200	WASHER, plain	2
31	90105-06M18	BOLT, washer based	1	76	95380-10600	NUT	2
32	689-43631-00	LEVER, tilt	1	77	95380-10800	NUT, crown	2
33	689-43633-00	COVER, tilt lever	1	78	664-44591-A0	GASKET	2
34	689-43643-00	SPRING	1	79	689-44557-00	MOUNT DAMPER, lower front	1
35	689-43616-00	ROD, tilt lock	1	80	689-44553-00-94	COVER, lower mount	1
36	648-43642-00	LEVER, tilt 1	1	81	97395-08025	BOLT	2
37	90249-06M22	PIN	1	82	92990-08600	WASHER, plate	2
38	648-43617-00	ROD, tilt lock	1	83	689-44555-00	MOUNT DAMPER, lower side	2
39	99080-05600	CIRCLIP	1	84	689-44551-00-1D	HOUSING, lower mount rubber	1
40	689-43614-00	PLATE, tilt lock	1	85	689-44552-00-1D	HOUSING, lower mount rubber	1
41	648-43615-00	PLATE, tilt lock	1	86	97395-08065	BOLT	2
42	90240-05046	PIN, clevis	1	87	92990-08600	WASHER, plate	2
43	91490-16010	PIN, cotter	1	88	90119-08M03	BOLT, with washer	2
44	90506-30M27	SPRING, tension	1	89	95380-08600	NUT	4
45	689-42521-00-94	SHAFT, steering pivot	1				

Fig. 9 STEERING

HANDLE STEERING
ASSY

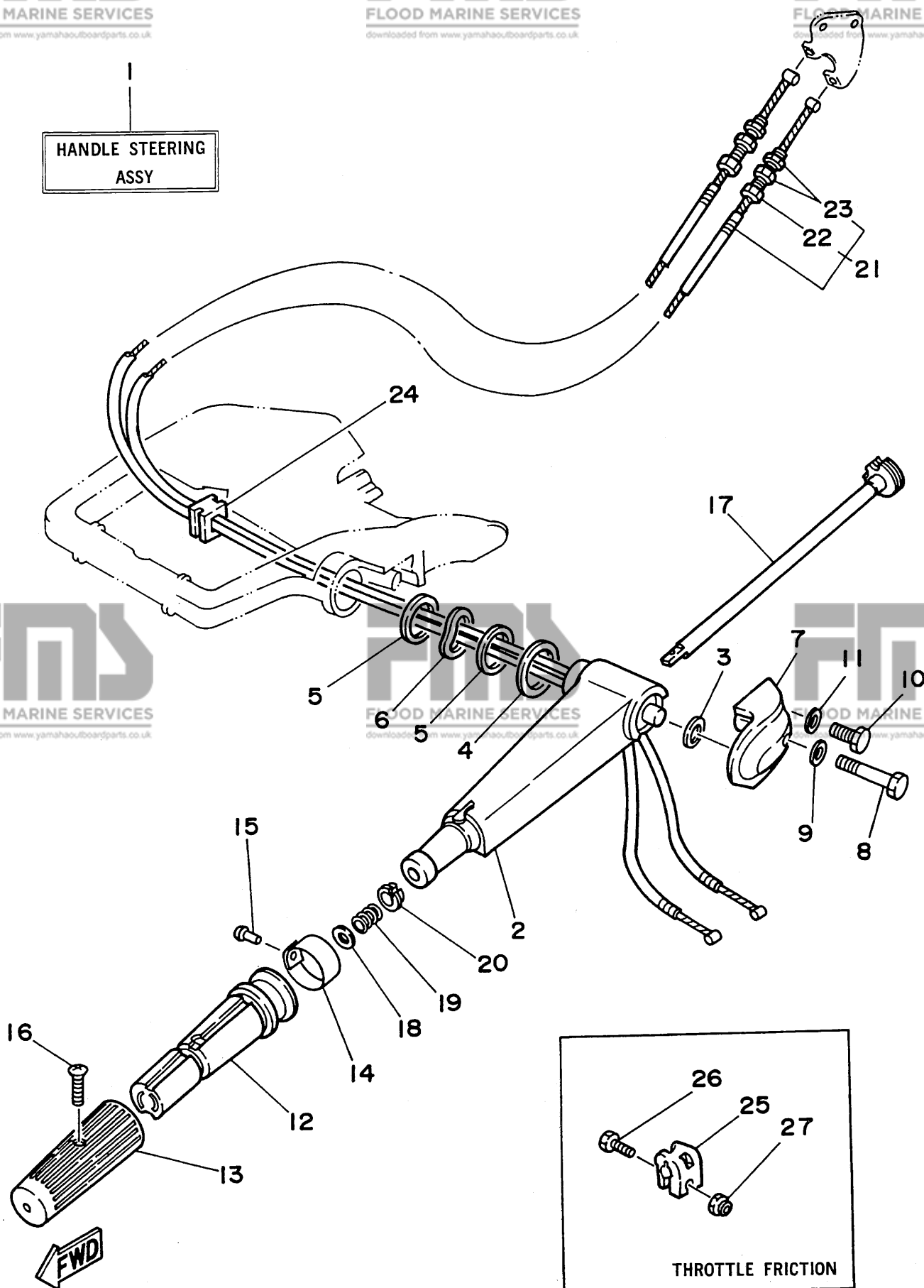
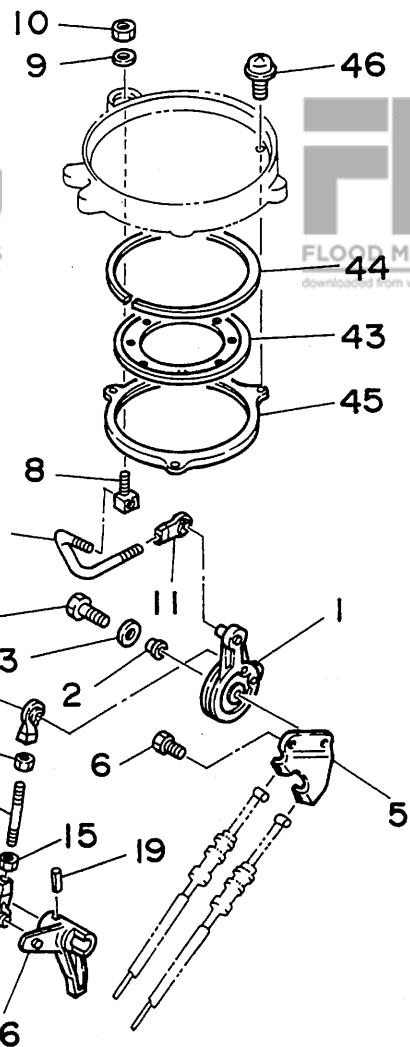
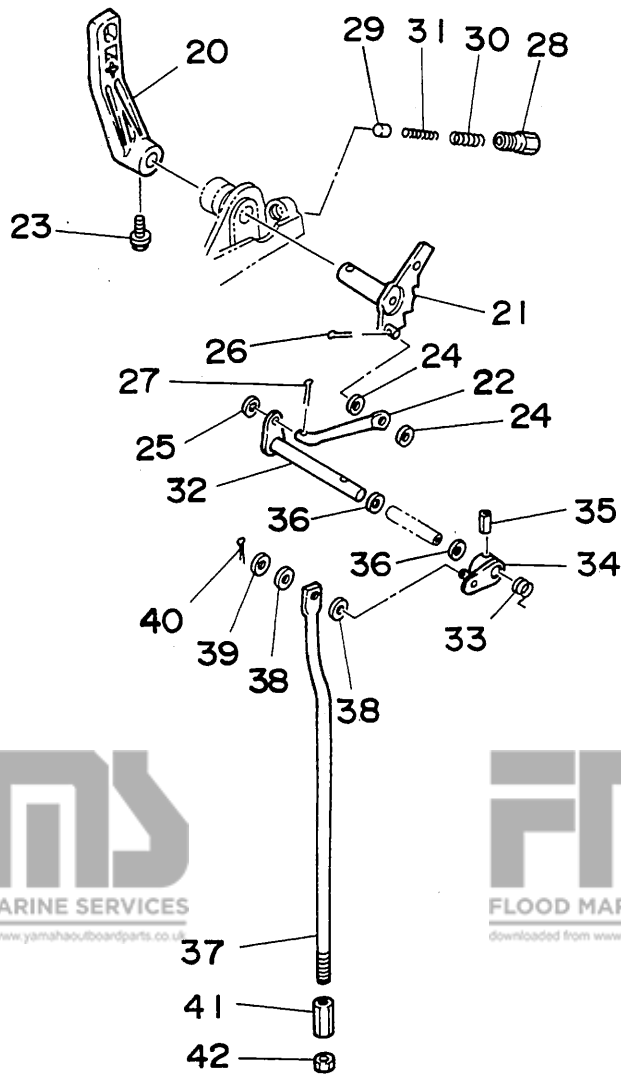


Fig. 9 STEERING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A9-W0084-01-1D	HANDLE STEERING ASSY (Ref.No. 2 to 24)	1	14	6A9-42137-01	INDICATOR, throttle	1
2	694-42111-00-1D	HANDLE, steering	1	15	90269-02M09	RIVET	1
3	90560-14076	SPACER	1	16	90149-05M06	SCREW	1
4	90202-34043	WASHER, plate	1	17	689-42138-00	LEVER, throttle	1
5	90201-28M00	WASHER, plate	2	18	92990-10600	WASHER, plate	1
6	90206-28M07	WASHER, wave	1	19	90501-23215	SPRING, compression	1
7	689-42112-00-1D	HANDLE, steering	1	20	90386-08032	BUSH	1
8	97395-06050	BOLT	1	21	689-26311-03	CABLE, throttle	1
9	92990-06600	WASHER, plate	1	22	90123-06M00	.BOLT	1
10	97395-06020	BOLT	1	23	90170-06183	.NUT	2
11	92990-06600	WASHER, plate	1	24	90480-12156	GROMMET	1
12	664-42119-00	GRIP, steering handle	1	25	656-42126-01	FRICTION, steering handle grip	1
13	6G1-42177-00	RUBBER, handle	1	26	97395-06020	BOLT	1
				27	90185-06062	NUT, self-locking	1

Fig. 10 CONTROL



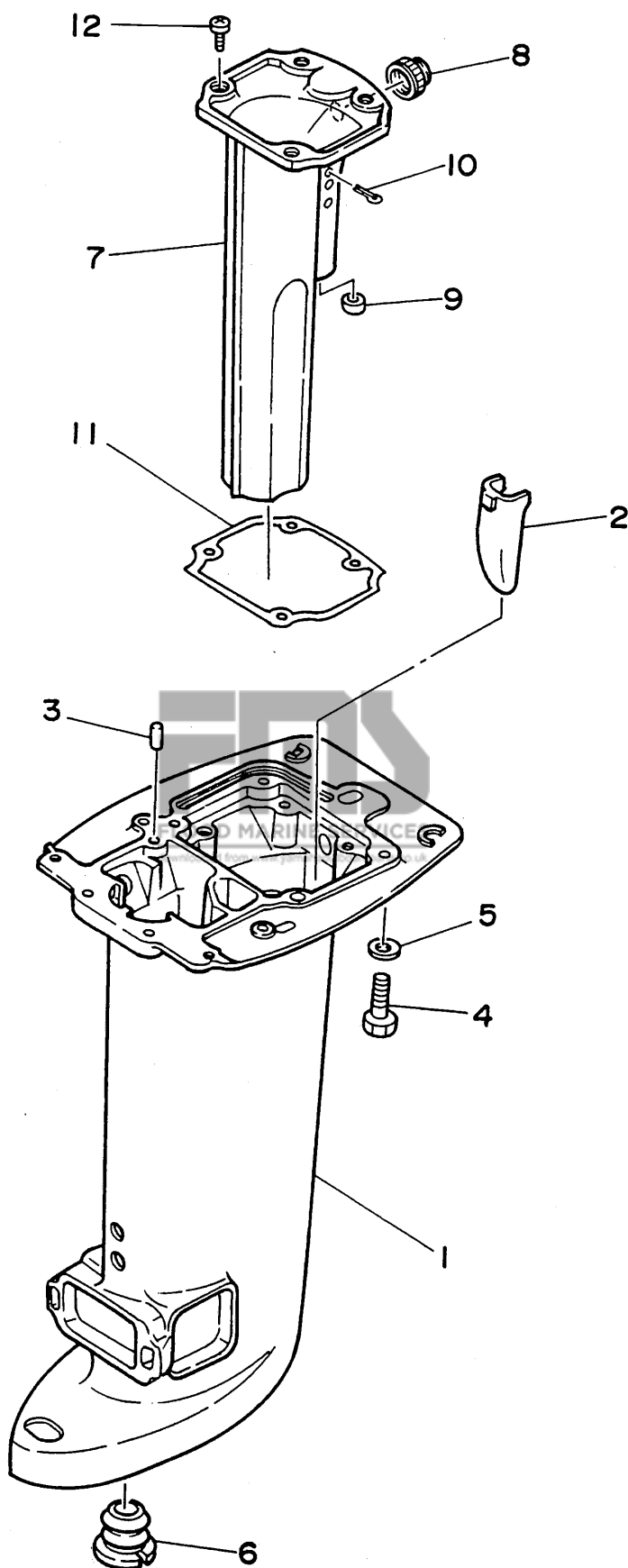
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Fig. 10 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	664-41631-00-94	LEVER, magneto control	1	24	90202-06007	WASHER, plate	2
2	90387-06M02	COLLAR	1	25	92990-05600	WASHER, plate	1
3	90387-06298	COLLAR	1	26	91490-16010	PIN, cotter	1
4	97395-06025	BOLT	1	27	91490-12010	PIN, cotter	1
5	664-14497-00	STAY, throttle wire	1	28	664-42715-00	BUSHING	1
6	97395-06012	BOLT	1	29	664-44167-00	PLUNGER, shift cam	1
7	664-41636-00	ROD, magneto control	1	30	90501-14M07	SPRING, compression	1
8	648-41635-00	SHAFT, link connecting	1	31	90501-09M08	SPRING, compression	1
9	90201-05556	WASHER, plate	1	32	689-44121-01	LEVER, shift rod	1
10	95380-05600	NUT	1	33	90508-14M13	SPRING, torsion	1
11	6H1-41237-00	JOINT, link	2	34	689-44125-00	LEVER, shift rod	1
12	90116-05220	BOLT, stud	1	35	91690-40016	PIN, spring	1
13	95380-05600	NUT	1	36	90202-10024	WASHER, plate	2
14	6H1-41237-00	JOINT, link	1	37	660-44143-00	ROD, shift	1
15	95380-05600	NUT	1	38	90202-06007	WASHER, plate	2
16	6A9-42154-00-94	LEVER, throttle control	1	39	92990-05600	WASHER, plate	1
17	656-42153-00-94	SHAFT, throttle control	1	40	91490-20010	PIN, cotter	1
18	90386-10009	BUSH	2	41	648-44146-00	CONNECTOR, shift rod	1
19	91690-40018	PIN, spring	1	42	90170-07021	NUT	1
20	689-44111-00-1D	HANDLE, gear shift	1	43	695-41612-00	RETAINER, magneto base	1
21	664-44113-01	CAM PLATE, handle	1	44	695-41613-00	PLATE, base friction	1
22	664-44142-00	JOINT	1	45	695-41611-00-94	RETAINER, magneto base	1
23	90105-06M07	BOLT, washer based	1	46	97985-05210	SCREW, with washer	3

Fig. 1 | UPPER CASING



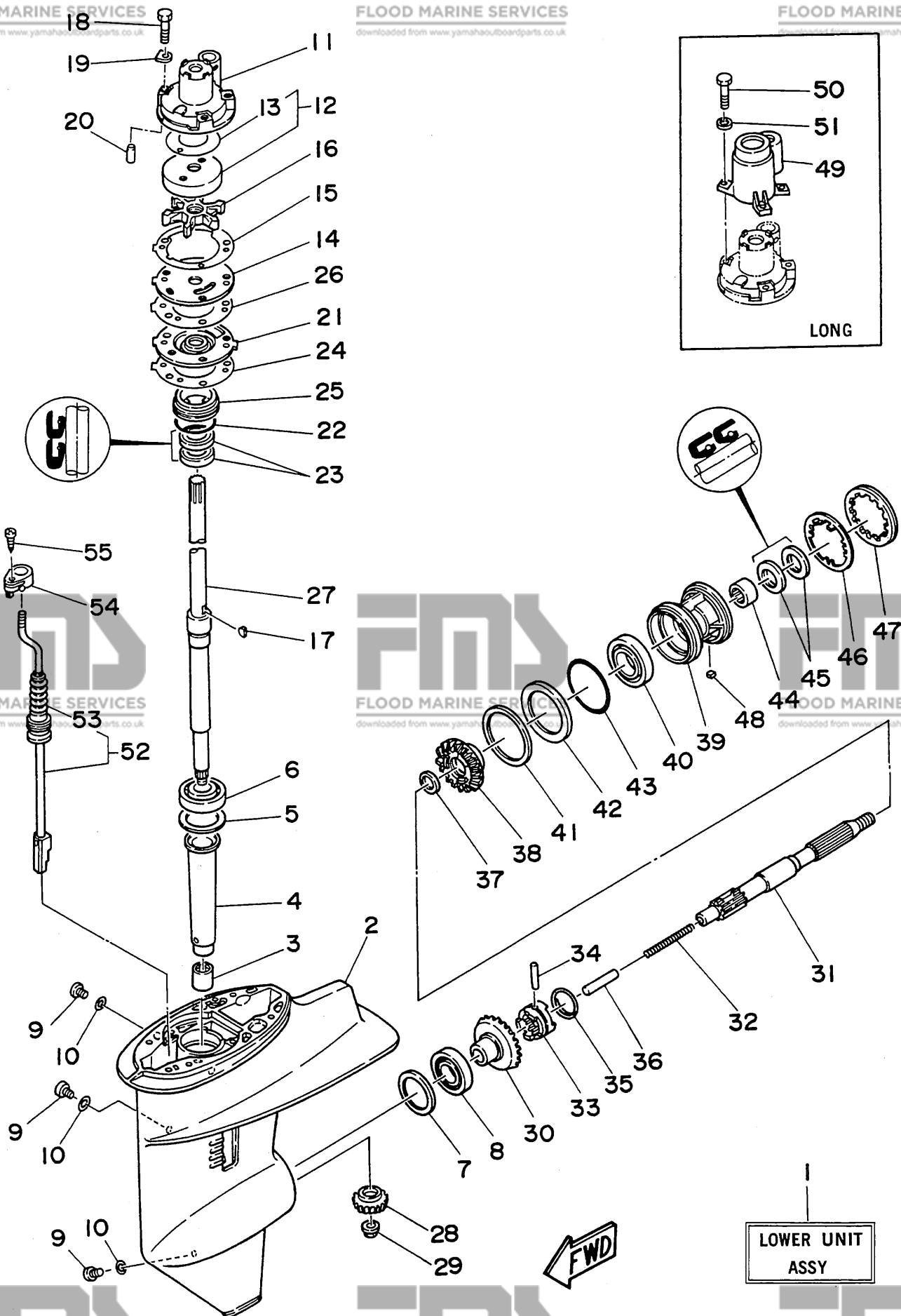
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Fig. 11 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-45111-02-1D	CASING, upper (Short)	1	6	689-45127-00	SEAL	1
	689-45111-11-1D	CASING, upper (Long)	1	7	664-41131-01-94	MANIFOLD, ext. 1	1
2	689-41132-00-94	MANIFOLD, exhaust (Short)	1	8	664-41133-00	GASKET,exhaust manifold 1	1
	689-41132-10-94	MANIFOLD, exhaust (Long)	1	9	664-41135-00	GASKET, exhaust manifold	1
3	93606-12019	PIN, dowel	2	10	91490-30030	PIN, cotter	1
4	97395-08030	BOLT	6	11	664-41134-A0	GASKET, exhaust manifold	1
5	92990-08600	WASHER, plate	6	12	98580-06016	SCREW, pan head	4

Fig. 12 LOWER CASING. DRIVE I



FWD

LOWER UNIT
ASSY

Fig. 12 LOWER CASING. DRIVE 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-45300-06-1D	LOWER UNIT ASSY (Short) (Ref.No. 2 to 48 and 52 to 55)	1 UR	25	689-45344-00-94	COVER, oil seal	1
	689-45300-16-1D	LOWER UNIT ASSY (Long) (Ref.No. 2 to 17 and 20 to 55)	1 UR	26	689-44316-A0	GASKET, water pump	1
2	689-45311-03-1D	CASING, lower	1	27	689-45501-00	DRIVE SHAFT COMP. (Short)	1 UR
3	93315-017U4	BEARING, cylindrical	1		689-45501-10	DRIVE SHAFT COMP. (Long)	1 UR
4	689-45536-00	SLEEVE, drive shaft	1	28	689-45551-00	PINION	1
5	664-45587-01-10	SHIM (T:0.10MM)	1 UR	29	90179-09M02	NUT	1
	664-45587-01-12	SHIM (T:0.12MM)	1 UR	30	689-45560-00	GEAR	1
	664-45587-01-15	SHIM (T:0.15MM)	1 UR	31	689-45611-01	SHAFT, propeller	1
	664-45587-01-18	SHIM (T:0.18MM)	1 UR	32	90501-10065	SPRING, compression	1
	664-45587-01-30	SHIM (T:0.30MM)	1 UR	33	664-45631-00	CLUTCH, dog	1
	664-45587-01-40	SHIM (T:0.40MM)	1 UR	34	90250-05010	PIN, straight	1
	664-45587-01-50	SHIM (T:0.50MM)	1 UR	35	648-45633-00	RING, cross pin	1
6	93332-000U4	BEARING	1	36	648-45635-00	PLUNGER, shift	1
7	664-45567-01-10	SHIM (T:0.10MM)	1 UR	37	90201-20417	WASHER, plate	1
	664-45567-01-12	SHIM (T:0.12MM)	1 UR	38	689-45571-00	GEAR	1
	664-45567-01-15	SHIM (T:0.15MM)	1 UR	39	689-45331-01-94	HOUSING, bearing	1
	664-45567-01-18	SHIM (T:0.18MM)	1 UR	40	93306-00609	BEARING	1
	664-45567-01-30	SHIM (T:0.30MM)	1 UR	41	664-45577-01-10	SHIM (T:0.10MM)	1 UR
	664-45567-01-40	SHIM (T:0.40MM)	1 UR		664-45577-01-12	SHIM (T:0.12MM)	1 UR
	664-45567-01-50	SHIM (T:0.50MM)	1 UR		664-45577-01-15	SHIM (T:0.15MM)	1 UR
8	93332-00005	BEARING	1		664-45577-01-18	SHIM (T:0.18MM)	1 UR
9	90340-08M04	PLUG, straight screw	3		664-45577-01-30	SHIM (T:0.30MM)	1 UR
10	90430-08020	GASKET	3		664-45577-01-40	SHIM (T:0.40MM)	1 UR
11	689-44311-03	HOUSING, water pump	1		664-45577-01-50	SHIM (T:0.50MM)	1 UR
12	689-W4432-02	INSERT CARTRIDGE COMP.	1	42	664-45576-00	WASHER, thrust	1 UN
13	689-44367-01	.DAMPER, water seal	1	43	93210-60MA3	O-RING	1
14	689-44323-03	OUTER PLATE, cartridge	1	44	93315-22004	BEARING, cylindrical	1
15	689-44324-A0	GASKET, cartridge	1	45	93101-20M07	OIL SEAL	2
16	689-44352-02	IMPELLER	1	46	90214-45M02	WASHER, claw	1
17	664-44338-00	KEY, woodruff	1	47	664-45384-00	NUT	1
18	90101-06M56	BOLT	3	48	90282-04010	KEY, straight	1
19	90209-06M04	WASHER	3	49	689-44312-00-5B	COVER, water pump housing (Long)	1
20	93604-10M03	PIN, dowel	2	50	97395-06035	BOLT (Long)	3
21	689-44325-02-5B	PROTECTOR, oil seal	1	51	92990-06600	WASHER, plate (Long)	3
22	93210-40M10	O-RING	1	52	695-44150-00	SHIFT CAM ASSY (Short)	1 UR
23	93101-22067	OIL SEAL	2		695-44150-10	SHIFT CAM ASSY (Long)	1 UR
24	689-44315-A0	GASKET, water pump	1	53	664-44147-00	.BOOT, shift rod	1
				54	689-44176-01	BRACKET	1
				55	97780-50110	SCREW, tapping	1

Fig. 13 LOWER CASING. DRIVE 2

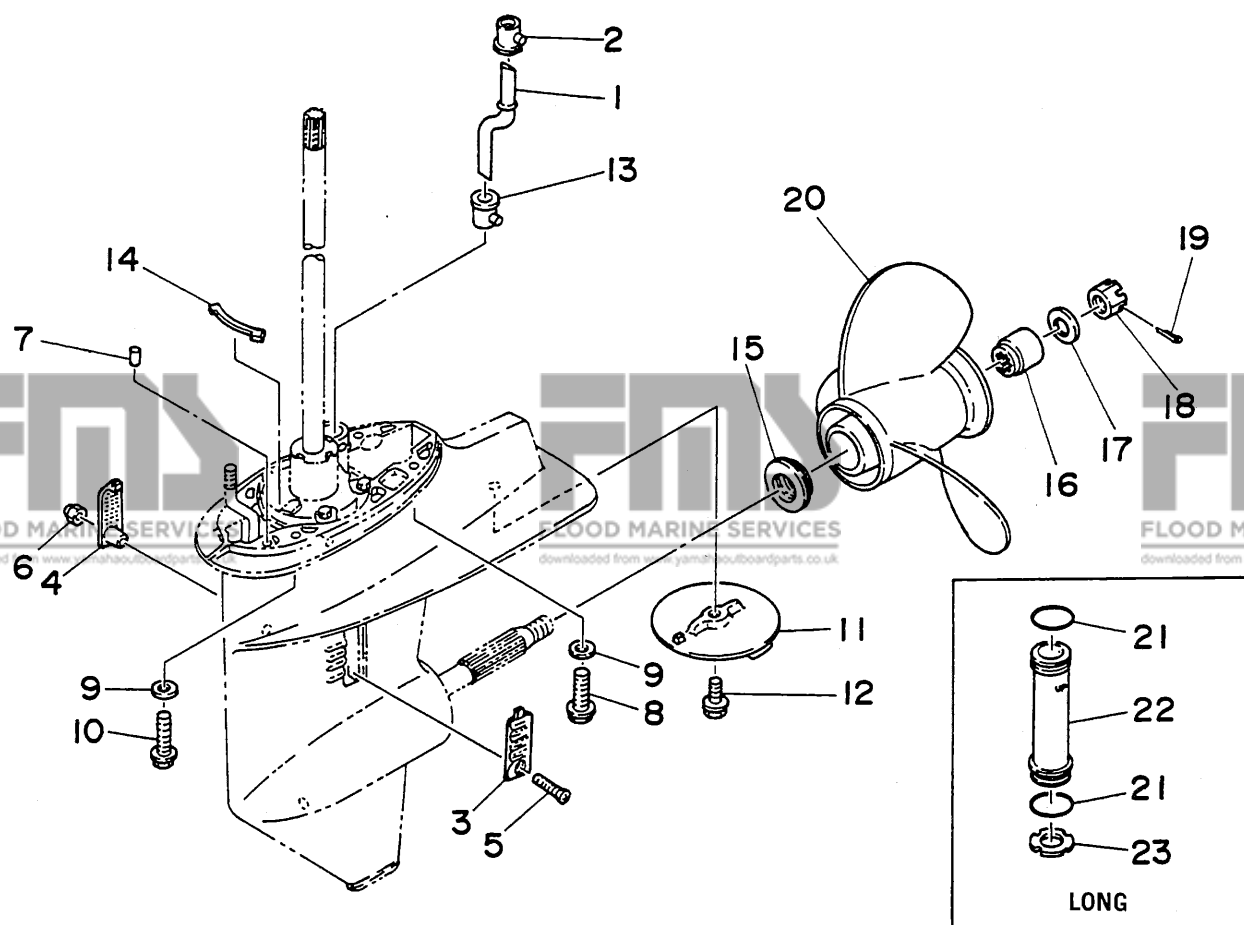


Fig. 13 LOWER CASING. DRIVE 2

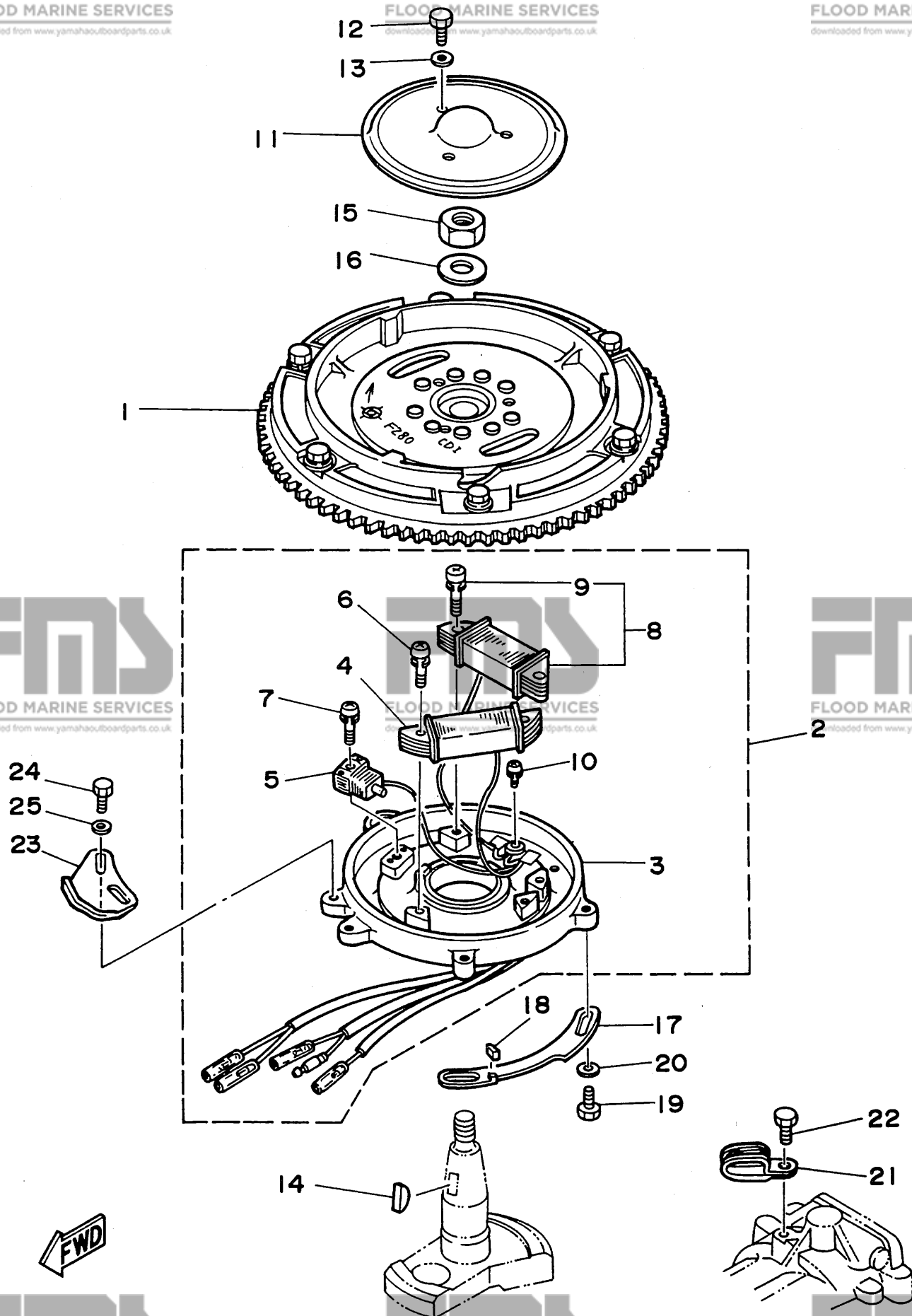
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	664-44361-00	TUBE, water (Short)	1 UR	15	664-45987-01	SPACER	1
	689-44361-10	TUBE, water (Long)	1 UR	16	689-45997-00	SPACER	1
2	689-44366-00	DAMPER, water seal	1	17	92990-14200	WASHER, plain	1
3	689-45214-01	COVER, water inlet	1	18	90171-14013	NUT, castle	1
4	689-45215-01	COVER, water inlet	1	19	91490-30030	PIN, cotter	1
5	98680-05525	SCREW, oval head	1	20	664-45941-01-EL	PROPELLER (3X9-7/8"X9"-F)	1 UR
6	90185-05002	NUT, self-locking	1		664-45949-02-EL	PROPELLER (3X9-7/8"X13"-F)	1 UR
7	93606-12019	PIN, dowel	2		664-45943-01-EL	PROPELLER (3X9-7/8"X8"-F)	1 UR
8	90105-10059	BOLT, washer based	2		664-45945-00-EL	PROPELLER (3X9-7/8"X10-1/2"-F)	1 UR
9	92990-10600	WASHER, plate	4		664-45947-01-EL	PROPELLER (3X9-7/8"X11-1/4"-F)	1 UR
10	90105-10M12	BOLT, washer based	2		664-45952-00-EL	PROPELLER (3X9-7/8"X14"-F)	1 UR
11	664-45371-01	TAB-TRIM	1	21	93210-26240	O-RING (Long)	2
12	90105-08M02	BOLT, washer based	1	22	689-44362-00-94	TUBE, water (Long)	1
13	626-44365-01	DAMPER, water seal	1	23	689-44328-03	PLATE (Long)	1
14	689-44314-00	SPACER	1				

Fig. 14 MAGNETO

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Fig. 14 MAGNETO

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	695-85550-40	ROTOR ASSY	1	14	90280-16053	KEY, woodruff	1
2	695-85560-A0	BASE ASSY	1	15	90170-12066	NUT	1
3	695-85561-70	.BASE, magneto	1	16	90201-12472	WASHER, plate	1
4	695-85520-70	.COIL, charge	1	17	6A9-41615-01	STOPPER, magneto base	1
5	695-85580-70	.COIL, pulser	1	18	695-44194-00	CAP	1
6	90159-05039	.SCREW, with washer	2	19	97013-06012	BOLT	2
7	90159-05038	.SCREW, with washer	1	20	92990-06600	WASHER, plate	2
8	695-81303-A0	.LIGHTING COIL ASSY	1	21	90461-06M01	CLAMP	1
9	90159-05040	.SCREW, with washer	2	22	97395-06010	BOLT	1
10	90159-04035	.SCREW, with washer	1	23	6A9-41213-00-94	CAM, accel.	1
11	648-81362-00	COVER, hole	1	24	97395-05012	BOLT	2
12	97395-06012	BOLT	3	25	92990-05600	WASHER, plate	2
13	92990-06600	WASHER, plate	3				

Fig. 15 ELECTRICAL

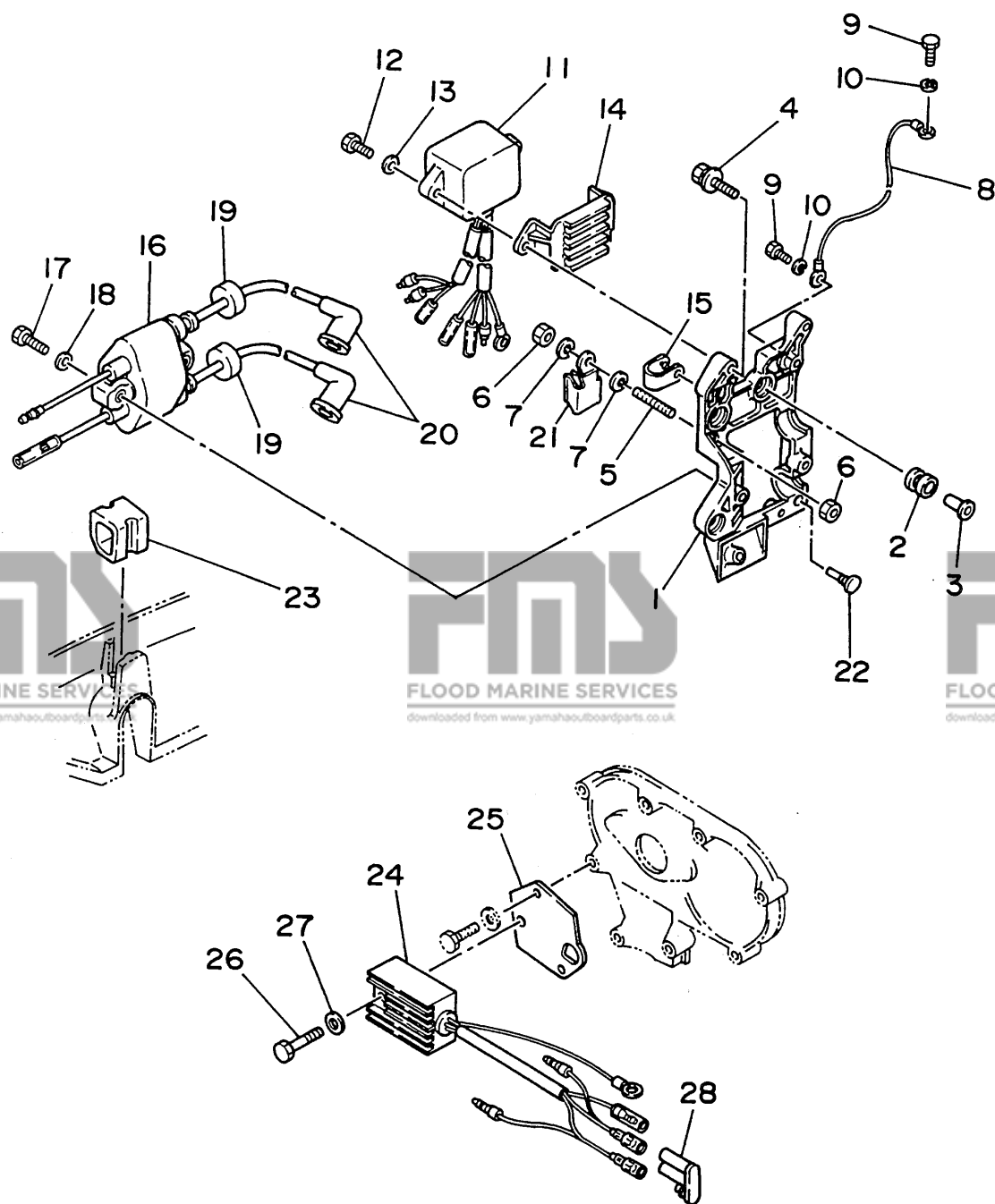


Fig. 15 ELECTRICAL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	695-85542-00-94	BRACKET	1	15	90464-12M00	CLAMP	1
2	6A0-82317-00	DAMPER, ignition coil	3	16	6E7-85570-19	IGNITION COIL ASSY	1
3	624-42542-00	PIPE	3	17	97395-06025	BOLT	2
4	90119-06M63	BOLT, with washer	3	18	92990-06600	WASHER, plate	2
5	90116-06M07	BOLT, stud	1	19	90480-25161	GROMMET	2
6	95380-06600	NUT	2	20	6G1-82370-20	PLUG CAP ASSY	2
7	92995-06100	WASHER, spring	2	21	90465-08M13	CLAMP	1
8	689-82519-00	WIRE, earth lead	1	22	689-85547-00	DAMPER	1
9	97395-06012	BOLT	2	23	90480-17M08	GROMMET	2
10	92995-06100	WASHER, spring	2	24	6J8-81960-00	RECTIFIER & REGULATOR ASSY	1
11	695-85540-11	C.D.I. UNIT ASSY	1	25	695-81915-00	PLATE, regulator fitting	1
12	97395-06025	BOLT	2	26	97395-06016	BOLT	1
13	92990-06600	WASHER, plate	2	27	92990-06600	WASHER, plate	1
14	689-85548-01	HOLDER	1	28	6E5-82582-00	COVER, wire harness	1

Fig. 16 REPAIR KIT I

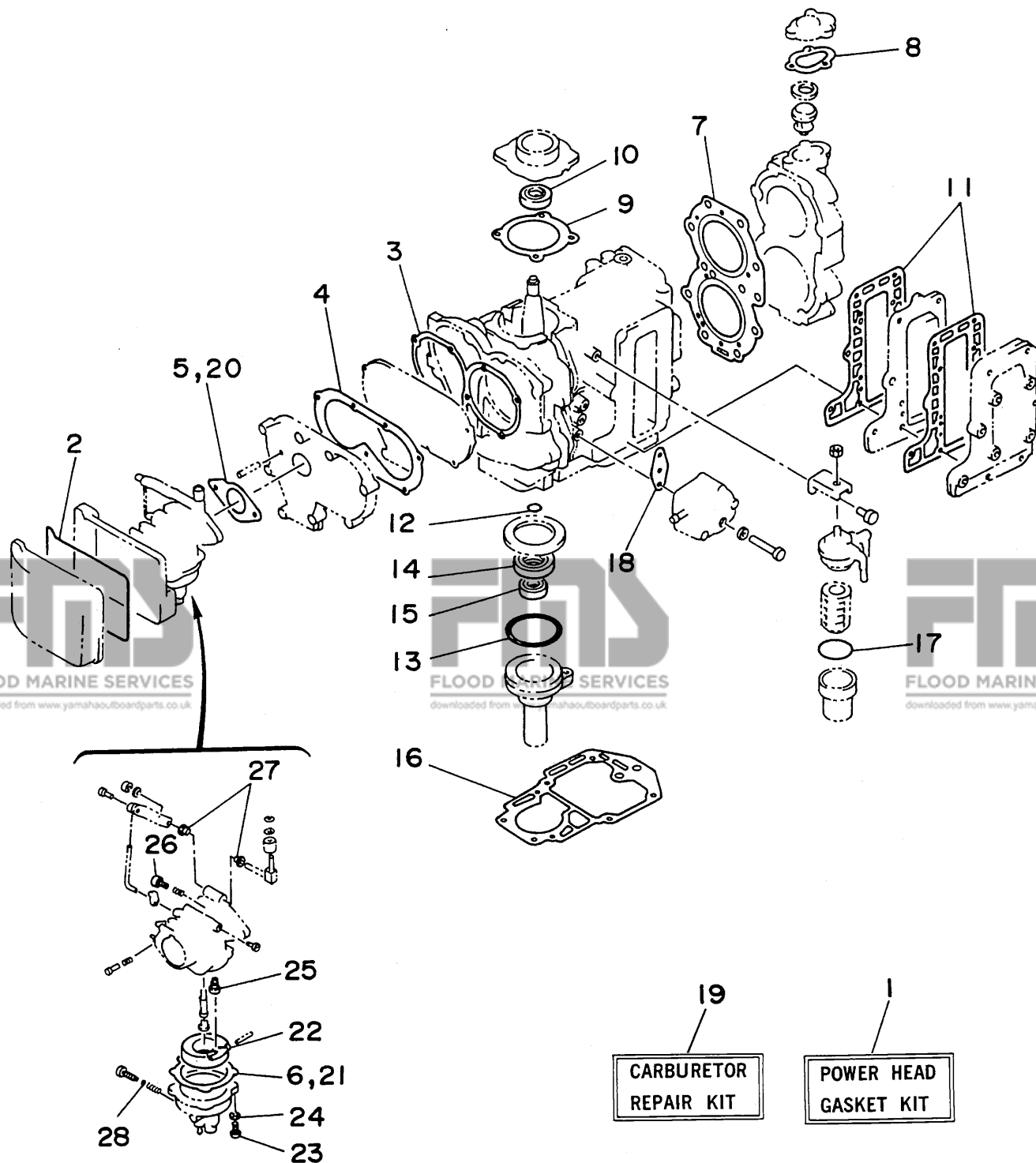


Fig. 16 REPAIR KIT 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	695-W0001-02	POWER HEAD GASKET KIT	1	15	93101-16M36	.OIL SEAL	1
2	695-14476-00	.SEAL	1	16	689-45113-A1	.GASKET, upper casing	1
3	648-13621-A0	.GASKET, valve seat	1	17	93210-37M25	.O-RING	1
4	648-13645-A0	.GASKET, manifold 1	1	18	650-24431-A0	.GASKET, fuel pump 1	1
5	648-14198-A0	.GASKET	1	19	689-W0093-02	CARBURETOR REPAIR KIT	1
6	648-14384-01	.GASKET, float chamber	1	20	648-14198-A0	.GASKET	1
7	695-11181-A0	.GASKET, cylinder head 1	1	21	648-14384-01	.GASKET, float chamber	1
8	655-12414-A1	.GASKET, cover	1	22	648-14385-00	.FLOAT	1
9	664-15369-A0	.GASKET, oil seal housing	1	23	98580-04012	.SCREW, pan head	1
10	93102-23096	.OIL SEAL	1	24	92990-04100	.WASHER, spring	1
11	664-41114-A0	.GASKET, exhaust outer cover	2	25	648-14390-14	.NEEDLE VALVE ASSY	1
12	93210-16275	.O-RING	1	26	647-14323-00	.SCREW, air adjusting	1
13	93210-57M09	.O-RING	1	27	90386-05002	.BUSH	2
14	93101-25M35	.OIL SEAL	1	28	646-14397-00	.O-RING	1

Fig. 17 REPAIR KIT 2

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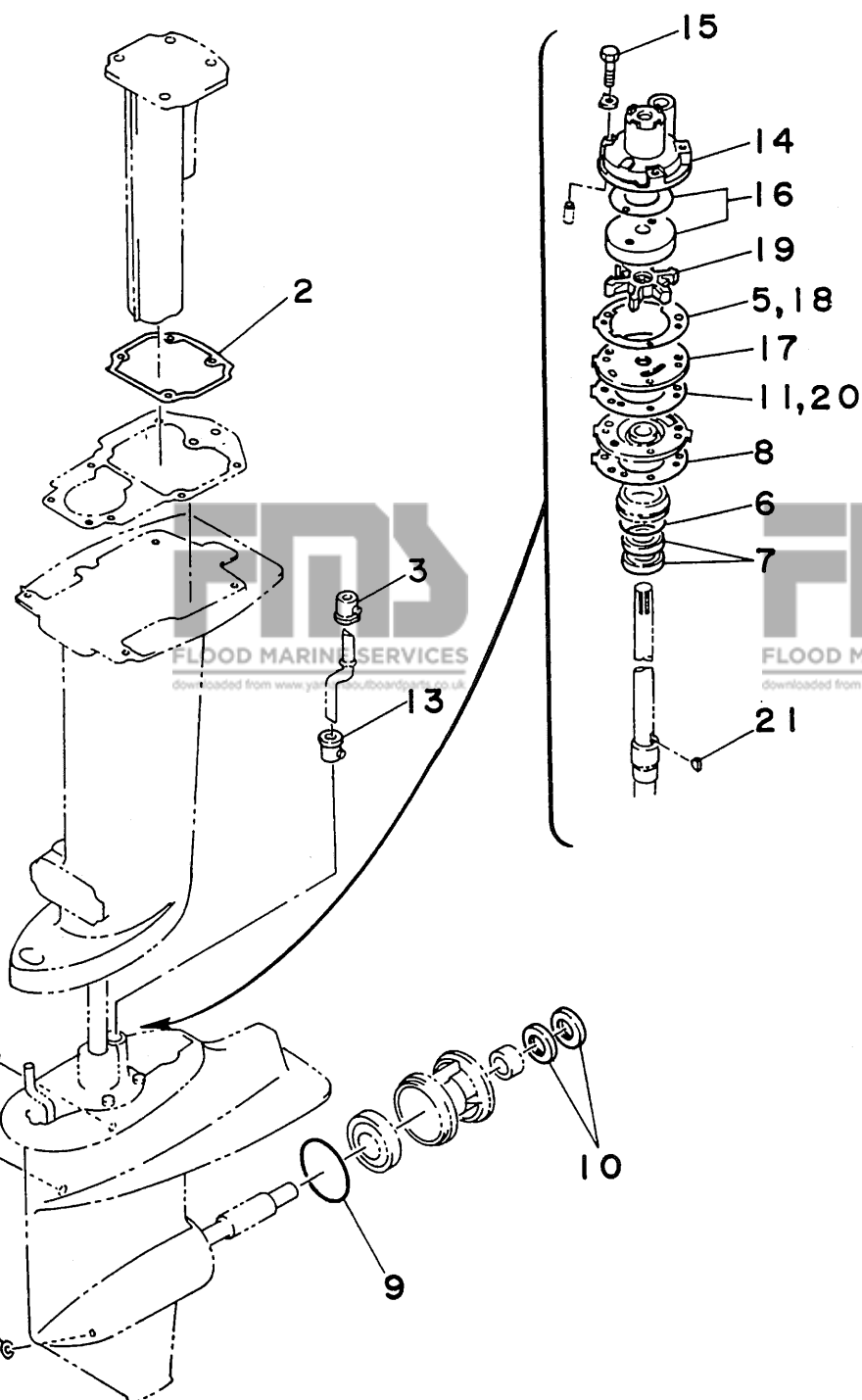
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1
LOWER UNIT
GASKET KIT

12
WATER PUMP
REPAIR KIT

24 23 25
CHROME PUMP KIT
22



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Fig. 17 REPAIR KIT 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-W0001-23	LOWER UNIT GASKET KIT	1	14	689-44311-03	.HOUSING, water pump	1
2	664-41134-A0	.GASKET, exhaust manifold	1	15	90101-06M56	.BOLT	3
3	689-44366-00	.DAMPER, water seal	1	16	689-W4432-02	.INSERT CARTRIDGE COMP.	1
4	90430-08020	.GASKET	3	17	689-44323-03	.OUTER PLATE, cartridge	1
5	689-44324-A0	.GASKET, cartridge	1	18	689-44324-A0	.GASKET, cartridge	1
6	93210-40M10	.O-RING	1	19	689-44352-02	.IMPELLER	1
7	93101-22067	.OIL SEAL	2	20	689-44316-A0	.GASKET, water pump	1
8	689-44315-A0	.GASKET, water pump	1	21	664-44338-00	.KEY, woodruff	1
9	93210-60MA3	.O-RING	1	22	689-W0078-3A	CHROME PUMP KIT	1
10	93101-20M07	.OIL SEAL	2	23	689-W4432-61	.INSERT CARTRIDGE COMP.	1
11	689-44316-A0	.GASKET, water pump	1	24	689-44367-01	.DAMPER, water seal	1
12	689-W0078-06	WATER PUMP REPAIR KIT	1	25	689-44323-43	.OUTER PLATE, cartridge	1
13	626-44365-01	.DAMPER, water seal	1				



25V/30G

**25V (61R)
30G(61T)**



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Fig. 1 CYLINDER. CRANKCASE

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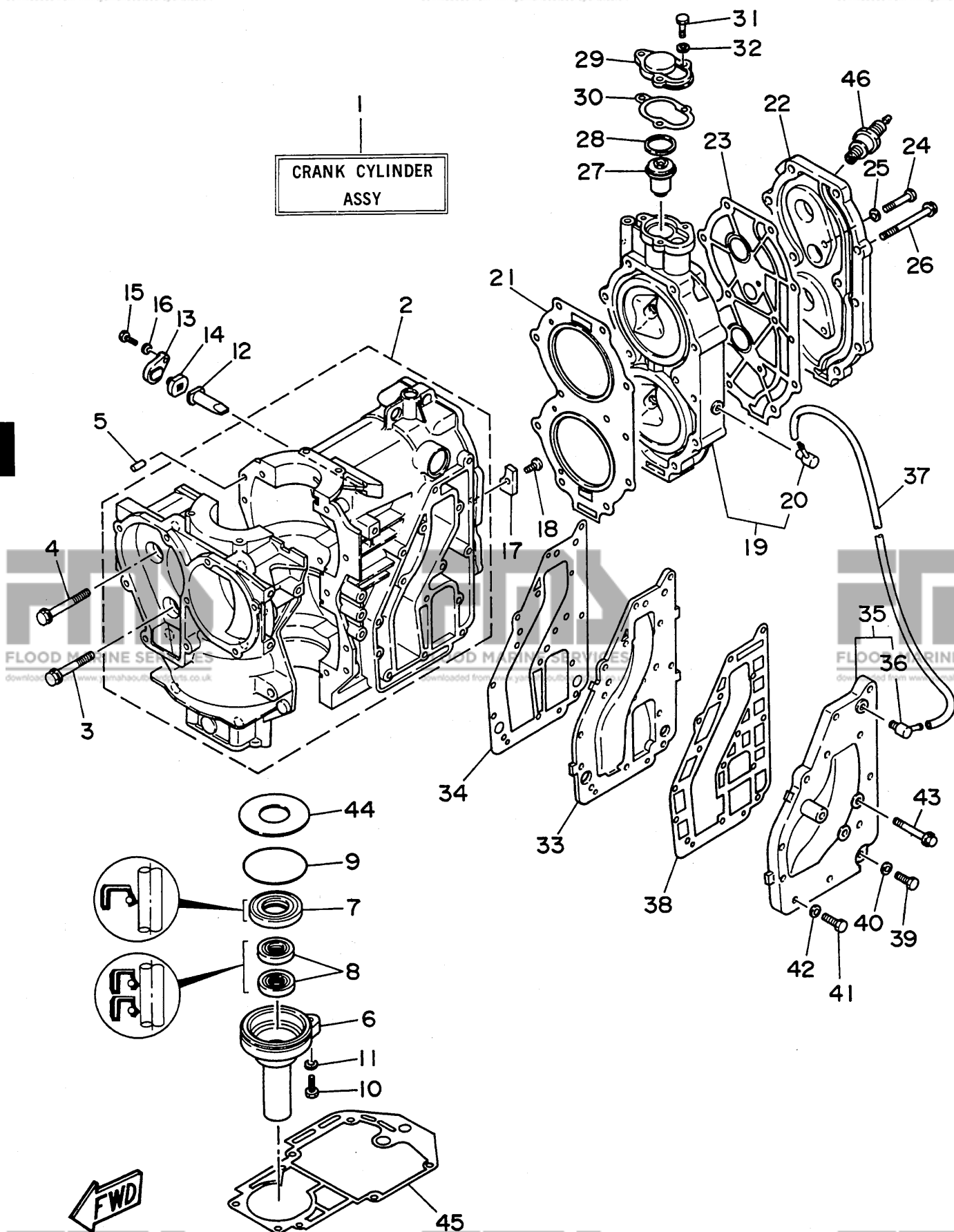
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25V/30G

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Fig. 1 CYLINDER. CRANKCASE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	61N-W0090-00-1D	CRANK CYLINDER ASSY (25V MODEL) (REF.NO. 2 TO 45 AND FIG. 2, REF.NO. 1 TO 21)	1 UR	23	61T-11193-A0	GASKET, HEAD COVER 1	1
	61T-W0090-00-1D	CRANK CYLINDER ASSY (30G MODEL) (REF.NO. 2 TO 45 AND FIG. 2, REF.NO. 1 TO 21)	1 UR	24	97313-06022	BOLT	2
2	61N-15100-00-94	CRANKCASE ASSY	1	25	92990-06600	WASHER, PLATE	2
3	90119-08M18	BOLT, WITH WASHER	2	26	90119-08M29	BOLT, WITH WASHER	11
4	90119-08M20	BOLT, WITH WASHER	8	27	6E5-12411-01	THERMOSTAT	1
5	93606-12019	PIN, DOWEL	2	28	90201-21567	WASHER, PLATE	1
6	689-15396-01-5B	HOUSING, OIL SEAL	1	29	655-12413-01-9M	COVER, THERMOSTAT	1
7	93102-25M28	OIL SEAL	1	30	655-12414-A1	GASKET, COVER	1
8	93101-16M36	OIL SEAL	2	31	97313-06020	BOLT	3
9	93210-57M09	O-RING	1	32	92990-06600	WASHER, PLATE	3
10	97395-06022	BOLT	1	33	6K8-41121-00-9M	INNER COVER, EXHAUST	1
11	92990-06600	WASHER, PLATE	1	34	6K8-41122-A1	GASKET, EXHAUST INNER COVER	1
12	6J8-11325-00	ANODE	1	35	61N-41123-00-9M	OUTER COVER, EXHAUST	1
13	6H3-11327-00-94	COVER, ANODE	1	36	676-11372-00	.NIPPLE, HOSE	1
14	6H3-11328-00	GROMMET, ANODE	1	37	90445-10M41	HOSE	1
15	97313-06016	BOLT	1	38	6K8-41124-A1	GASKET, EXHAUST OUTER COVER	1
16	92990-06600	WASHER, PLATE	1	39	97313-06025	BOLT	1
17	689-11325-00	ANODE	1	40	92990-06600	WASHER, PLATE	1
18	98780-06020	SCREW, FLAT HEAD	1	41	97313-06030	BOLT	11
19	61N-11111-01-94	HEAD, CYLINDER 1 (25V MODEL)	1 UR	42	92990-06600	WASHER, PLATE	11
	61T-11111-01-94	HEAD, CYLINDER 1 (30G MODEL)	1 UR	43	90119-06MA0	BOLT, WITH WASHER	3
20	676-11372-00	.NIPPLE, HOSE	1	44	90201-50306	WASHER, PLATE	1
21	61N-11181-A0	GASKET, CYLINDER HEAD 1	1	45	689-45113-A1	GASKET, UPPER CASING	1
22	61N-11191-01-9M	COVER, CYLINDER HEAD 1	1	46	94702-00271	PLUG, SPARK (NGK BR7HS 10) (25V MODEL)	2 UR
					94702-00247	PLUG, SPARK (NGK BR8HS 10) (30G MODEL)	2 UR

Fig. 2 CRANKSHAFT. PISTON

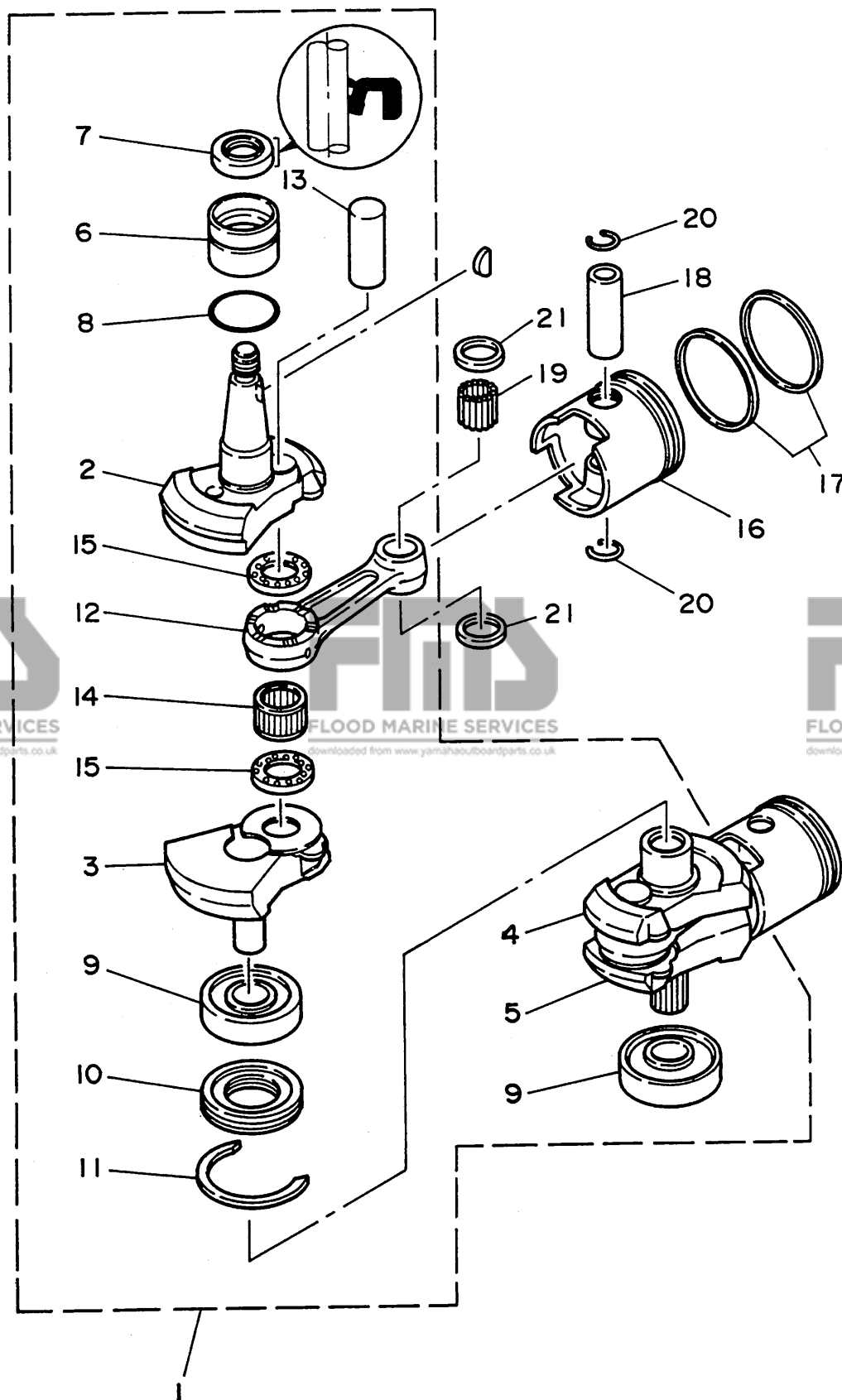


Fig. 2 CRANKSHAFT. PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	61N-11400-00	CRANKSHAFT ASSY	1	14	93310-624U5	.BEARING, CYLINDRICAL	2
2	61N-11412-00	.CRANK 1	1	15	90209-24M03	.WASHER	4
3	61N-11422-00	.CRANK 2	1	16	61N-11631-00-95	PISTON (STD)	2
4	61N-11432-00	.CRANK 3	1		61N-11635-00	PISTON (0.25MM O/S)	2 AP
5	61N-11442-00	.CRANK 4	1		61N-11636-00	PISTON (0.50MM O/S)	2 AP
6	93311-632U7	.BEARING, CYLINDRICAL	1	17	61N-11603-00	PISTON RING SET (STD)	2
7	93102-26M27	.OIL SEAL	1		61N-11604-00	PISTON RING SET (0.25MM O/S)	2 AP
8	93210-42159	.O-RING	1		61N-11605-00	PISTON RING SET (0.50MM O/S)	2 AP
9	93306-305U3	.BEARING	2	18	689-11633-00	PIN, PISTON	2
10	61N-11515-00	.SEAL, LABYRINTH 1	1	19	93602-20M02	PIN, DOWEL	68
11	93440-62057	.CIRCLIP	1	20	688-11634-00	CLIP, PISTON PIN	4
12	689-11651-00	.ROD, CONNECTING	2	21	90201-20M27	WASHER, PLATE	4
13	689-11681-01	.PIN, CRANK 1	2				

Fig. 3 INTAKE

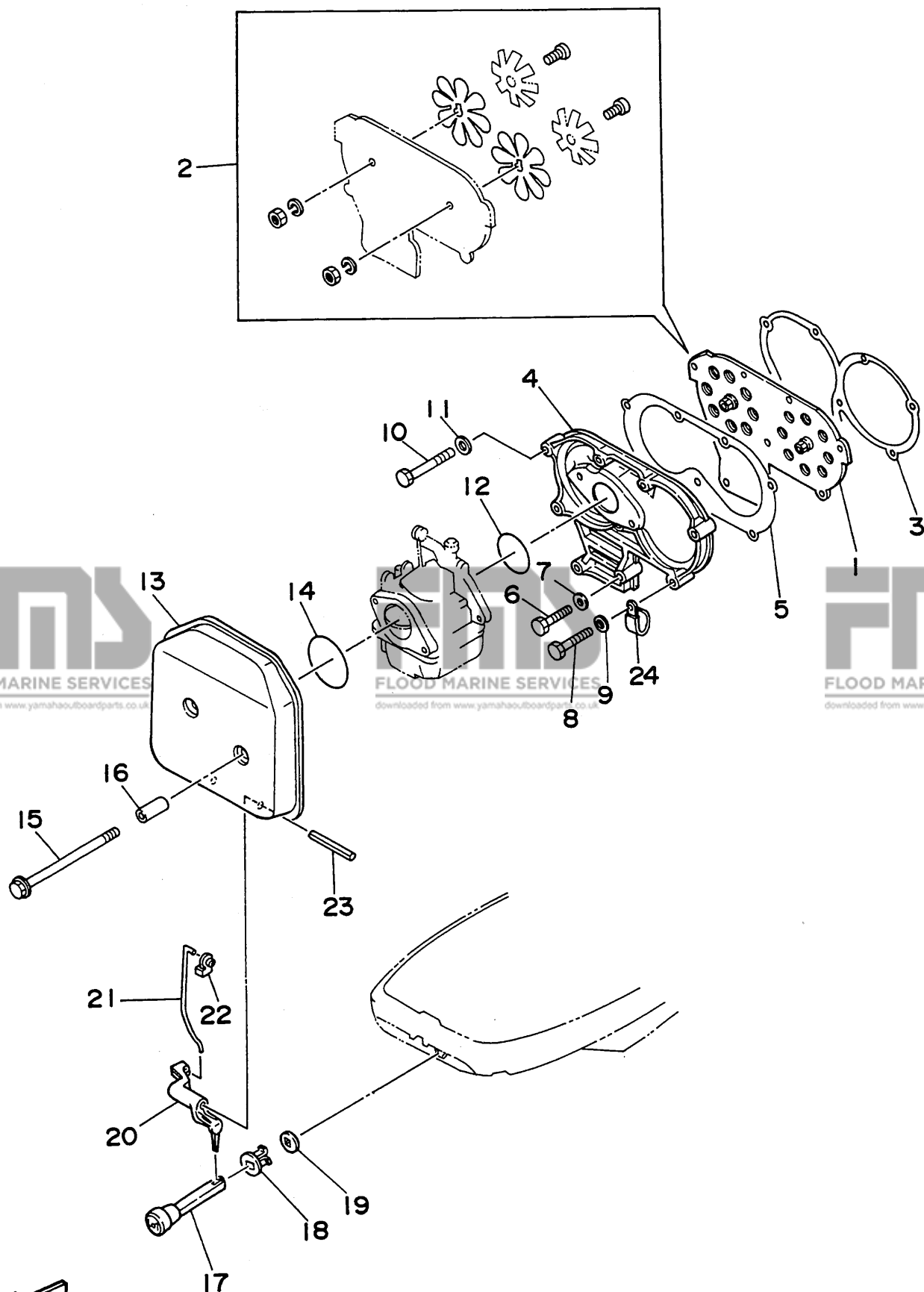


Fig. 3 INTAKE

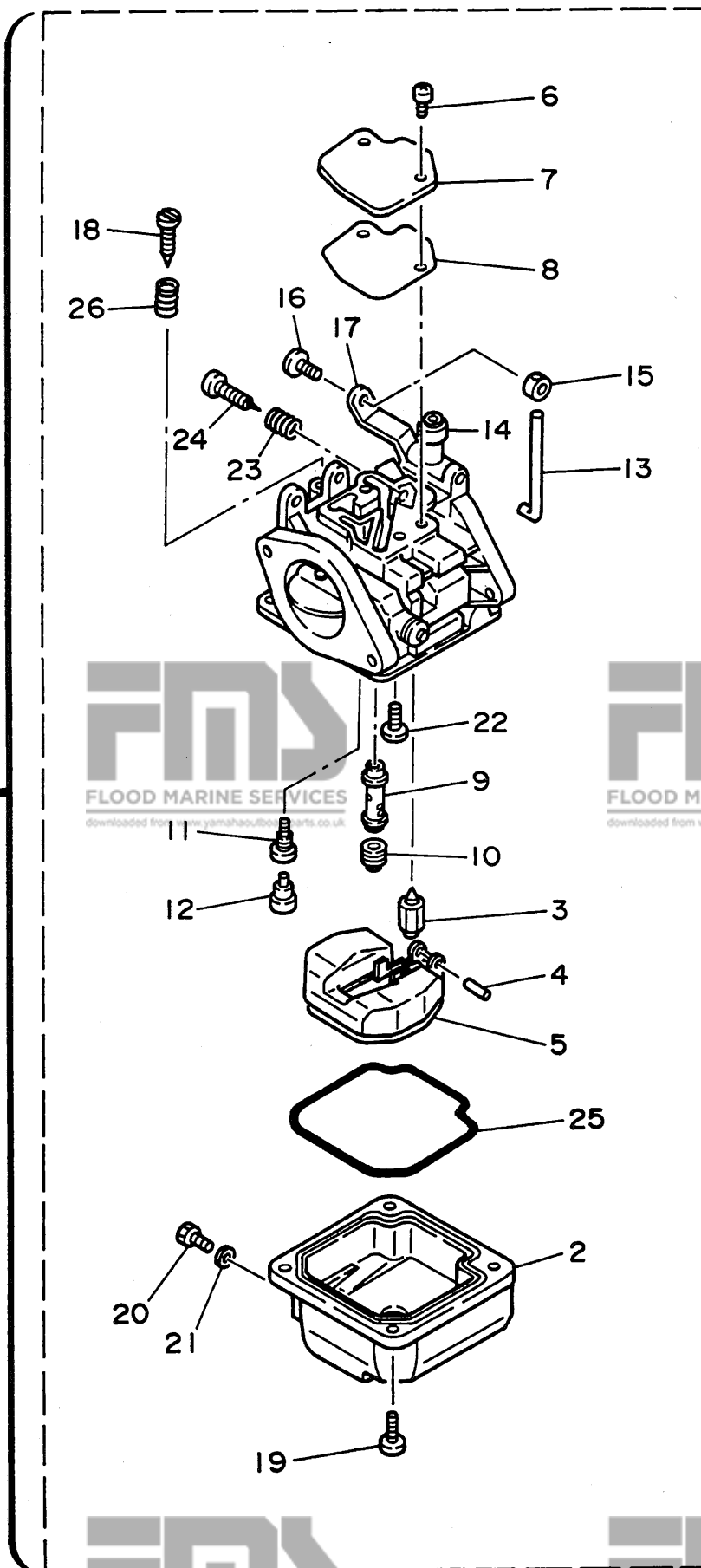
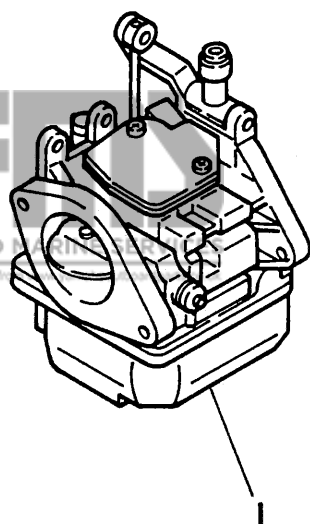
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	61N-13610-00	REED VALVE ASSY (25V MODEL)	1 UR	13	61N-14440-00	SILENCER ASSY, INTAKE	1
	689-13610-01	REED VALVE ASSY (30G MODEL)	1 UR	14	93210-40659	O-RING	1
2	689-W0004-00	.REED SET	1	15	90119-06M94	BOLT, WITH WASHER	2
3	648-13621-A0	GASKET, VALVE SEAT	1	16	90387-06M26	COLLAR	2
4	61N-13641-00-94	MANIFOLD 1	1	17	682-41271-00	KNOB, CHOKE	1
5	648-13645-A0	GASKET, MANIFOLD 1	1	18	689-41273-00	GROMMET	1
6	97313-06025	BOLT	2	19	6J8-41274-00	GROMMET 2	1
7	92990-06600	WASHER, PLATE	2	20	689-41252-01	LEVER, CHOKE	1
8	97013-06035	BOLT	6	21	61N-41256-00	ROD, CHOKE 1	1
9	92990-06600	WASHER, PLATE	6	22	661-41262-02	JOINT, CHOKE LEVER	1
10	97313-06045	BOLT	1	23	91690-40048	PIN, SPRING	1
11	92990-06600	WASHER, PLATE	1	24	90465-08M51	CLAMP	1
12	61N-14198-00	GASKET	1				

Fig. 4 CARBURETOR

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Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	61N-14301-01	CARBURETOR ASSY 1 (25V MODEL)	1 UR	13	6J0-14379-10	.ROD, STARTER	1
	61T-14301-00	CARBURETOR ASSY 1 (30G MODEL)	1 UR	14	626-42658-00	.BUSHING	1
2	61N-14381-00	.BODY, FLOAT CHAMBER	1	15	677-41226-00	.END, THROTTLE LEVER	1
3	61N-14392-00	.VALVE, NEEDLE	1	16	677-14327-00	.SCREW	1
4	6E5-14386-01	.PIN, FLOAT	1	17	61N-41216-00	.SHEAVE SHAFT, ACCEL. LINK	1
5	6L2-14385-00	.FLOAT	1	18	664-14321-01	.SCREW, THROTTLE	1
6	98580-04010	.SCREW, PAN HEAD	2	19	98580-04012	.SCREW, PAN HEAD	4
7	6L2-14157-00	.COVER, MIXING	1	20	677-14383-01	.SCREW, DRAIN	1
8	6L2-14399-00	.GASKET	1	21	6L2-14398-00	.GASKET	1
9	61N-14341-00	.NOZZLE, MAIN (25V MODEL)	1 UR	22	98980-04006	.SCREW, BIND	2
	61T-14341-00	.NOZZLE, MAIN (30G MODEL)	1 UR	23	646-14212-01	.SPRING, PILOT ADJUSTING	1
10	61N-14343-63	.JET, MAIN (#125) (25V MODEL)	1 UR	24	61N-14323-00	.SCREW, AIR ADJUSTING	1
	61N-14343-65	.JET, MAIN (#130) (30G MODEL)	1 UR	25	6L2-14384-00	.GASKET, FLOAT CHAMBER	1
11	6L2-14342-32	.JET, PILOT (# 64)	1	26	61N-14212-00	.SPRING, PILOT ADJUSTING	1
12	50M-14355-00	.PLUG	1				

Fig. 5 STA

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Fig. 5 STARTER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	61N-W1571-10	STARTER ASSY	1	27	92990-06600	WASHER, PLATE	2
2	61N-15711-10	.CASE, STARTER	1	28	95380-06600	NUT	2
3	6G0-15714-01	.DRUM, SHEAVE	1	29	6H7-15771-01-94	STAY 1	1
4	6F5-15741-01	.PAWL, DRIVE	1	30	97313-06025	BOLT	2
5	6F5-15713-01	.SPRING, STARTER	1	31	92990-06600	WASHER, PLATE	2
6	61N-15715-00	.SPRING, DRIVE PLATE	1	32	656-15772-00-94	STAY 2	1
7	61N-15734-00	.SPRING, RETURN	1	33	97313-06025	BOLT	2
8	6F5-15716-01	.PLATE, DRIVE	1	34	92990-06600	WASHER, PLATE	2
9	6G0-15754-00	.BUSH 2	1	35	97313-06045	BOLT	1
10	97313-08030	.BOLT	1	36	92990-06600	WASHER, PLATE	1
11	6F5-15726-01	.WASHER, FLAT	1	37	61T-15770-00	CABLE COMP., STARTER STOP	1
12	95303-08700	.NUT	1	38	656-15748-00	PLUNGER, STARTER STOP	1
13	90890-44373	.WIRE (L:1900MM)	1	39	90501-10227	SPRING, COMPRESSION	1
14	689-15755-01	.HANDLE, STARTER	1	40	61T-15774-40-94	STAY 4	1
15	6F5-15764-00	.COLLAR 1	1	41	97395-06010	BOLT	1
16	6F5-15739-00	.WASHER, THRUST	1	42	656-15749-00	LINK, STARTER STOP	1
17	6F5-15779-02	.COVER	1	43	97395-06020	BOLT	1
18	61N-15758-00-1D	GUIDE, ROPE	1	44	92990-06600	WASHER, PLATE	1
19	61N-15762-00	SEAL, RUBBER 2	1	45	90206-08010	WASHER, WAVE	1
20	97395-06016	BOLT	2	46	90387-06568	COLLAR	1
21	92990-06600	WASHER, PLATE	2	47	90206-05005	WASHER, WAVE	1
22	6A0-15789-00	DAMPER	1	48	92990-05600	WASHER, PLATE	1
23	97395-06035	BOLT	1	49	91490-16010	PIN, COTTER	1
24	92990-06600	WASHER, PLATE	1	50	6F5-15723-01	PULLEY, STARTER	1
25	99530-10014	PIN, DOWEL	1	51	90105-08M10	BOLT, WASHER BASED	3
26	97395-06035	BOLT	2				

* Cut from 50m rolls, Parts No. 90890-44373, cutting length 1.9m.

Fig. 6 FUEL

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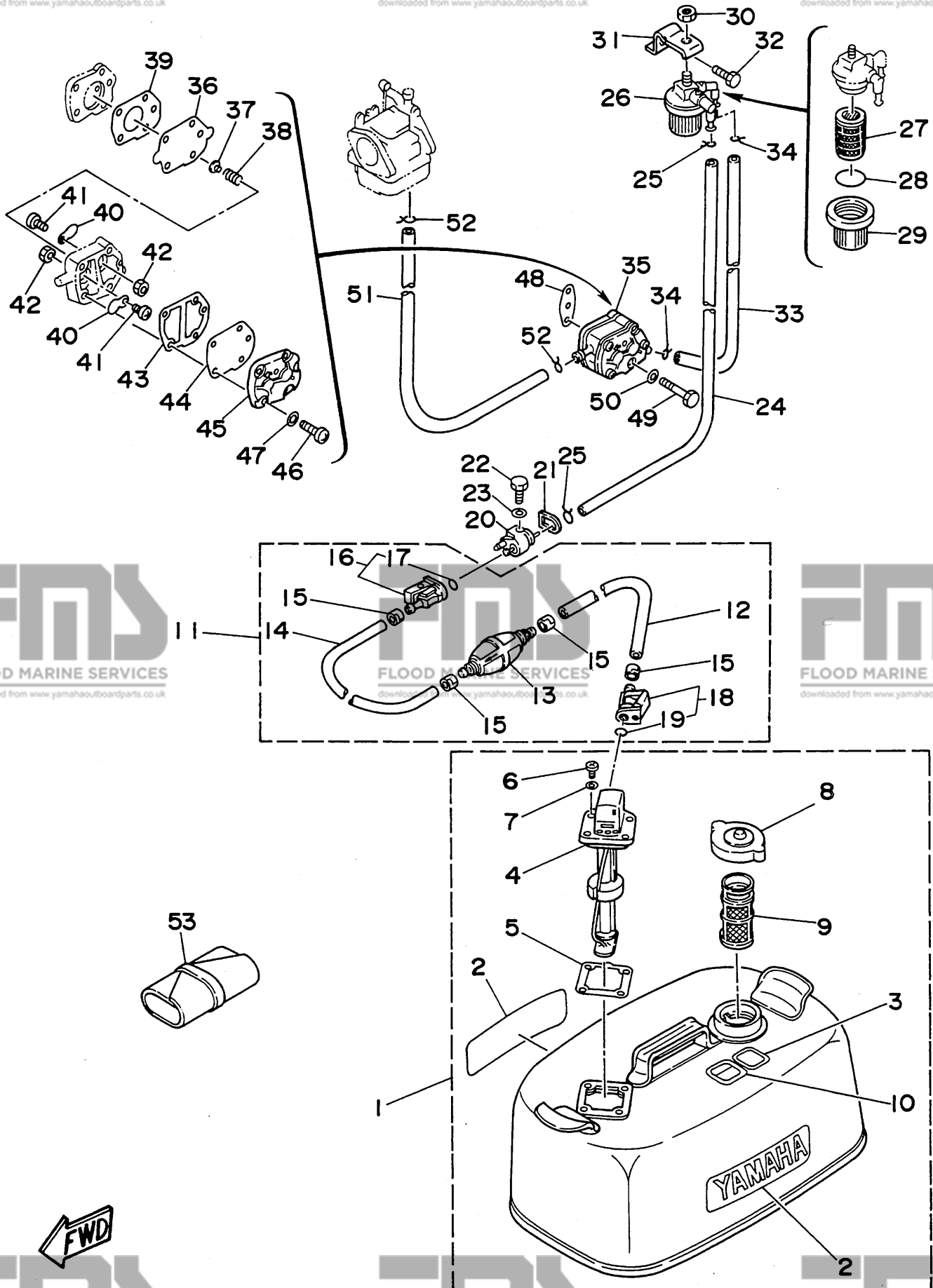
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Fig. 6 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6Y1-W2420-62-24	FUEL TANK ASSY	1	28	93210-37M25	.O-RING	1
2	6Y1-24246-00	.GRAPHIC, SIDE	2	29	655-24521-01	.CUP, FILTER	1
3	6Y1-24257-00	.GRAPHIC	1	30	95380-08600	NUT	1
4	6Y1-24260-02	.FUEL METER ASSY	1	31	61N-24566-01	BRACKET, FILTER	1
5	6Y1-24268-00	.GASKET, FUEL METER	1	32	97395-06012	BOLT	1
6	98586-05016	.SCREW, PAN HEAD	4	33	689-24311-00	PIPE, FUEL 1	1
7	6Y1-24329-00	.SEAL	4	34	90467-08004	CLIP	2
8	6Y1-24610-00	.CAP ASSY	1	35	6A0-24410-05	FUEL PUMP ASSY	1
9	6Y1-24167-00	.STRAINER	1	36	648-24411-00	.DIAPHRAGM	1
10	6Y1-24254-80	.GRAPHIC	1	37	648-24424-00	.SEAT, SPRING	1
11	6Y1-24306-51	FUEL PIPE COMP. 1	1	38	648-24423-00	.SPRING, DIAPHRAGM	1
# 12	90445-11M06	.HOSE (L:2050MM)	1	39	648-24434-01	.GASKET, BODY	1
13	6Y1-24360-51	.PRIMER PUMP ASSY	1	40	6A0-24421-01	.VALVE, CHECK	2
# 14	90445-11M05	.HOSE (L:850MM)	1	41	6A0-14325-00	.SCREW, PAN HEAD	2
15	650-24351-51	.BAND 1	4	42	95380-03600	.NUT	2
16	6G1-24305-01	.FUEL PIPE JOINT COMP. 2	1	43	648-24435-02	.GASKET, BODY 2	1
17	93210-08287	.O-RING	1	44	663-24411-00	.DIAPHRAGM	1
18	6Y1-24305-02	.FUEL PIPE JOINT COMP. 2	1	45	648-24413-01	.BODY 2	1
19	93210-08287	.O-RING	1	46	98580-05530	.SCREW, PAN HEAD	3
20	6G1-24304-02	FUEL PIPE JOINT COMP. 1	1	47	92990-05100	.WASHER, SPRING	3
21	61N-24329-00	SEAL	1	48	650-24431-A0	GASKET, FUEL PUMP 1	1
22	97395-06020	BOLT	1	49	97395-06040	BOLT	2
23	92990-06600	WASHER, PLATE	1	50	92990-06600	WASHER, PLATE	2
24	90445-09M75	HOSE	1	51	6A1-24311-00	PIPE, FUEL 1	1
25	90467-08004	CLIP	2	52	90467-08004	CLIP	2
26	655-24560-01	FILTER ASSY	1	53	656-W2810-02	TOOL KIT	1
27	6F5-24563-00	.ELEMENT, FILTER	1				

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

Fig. 7 TOP COWLING

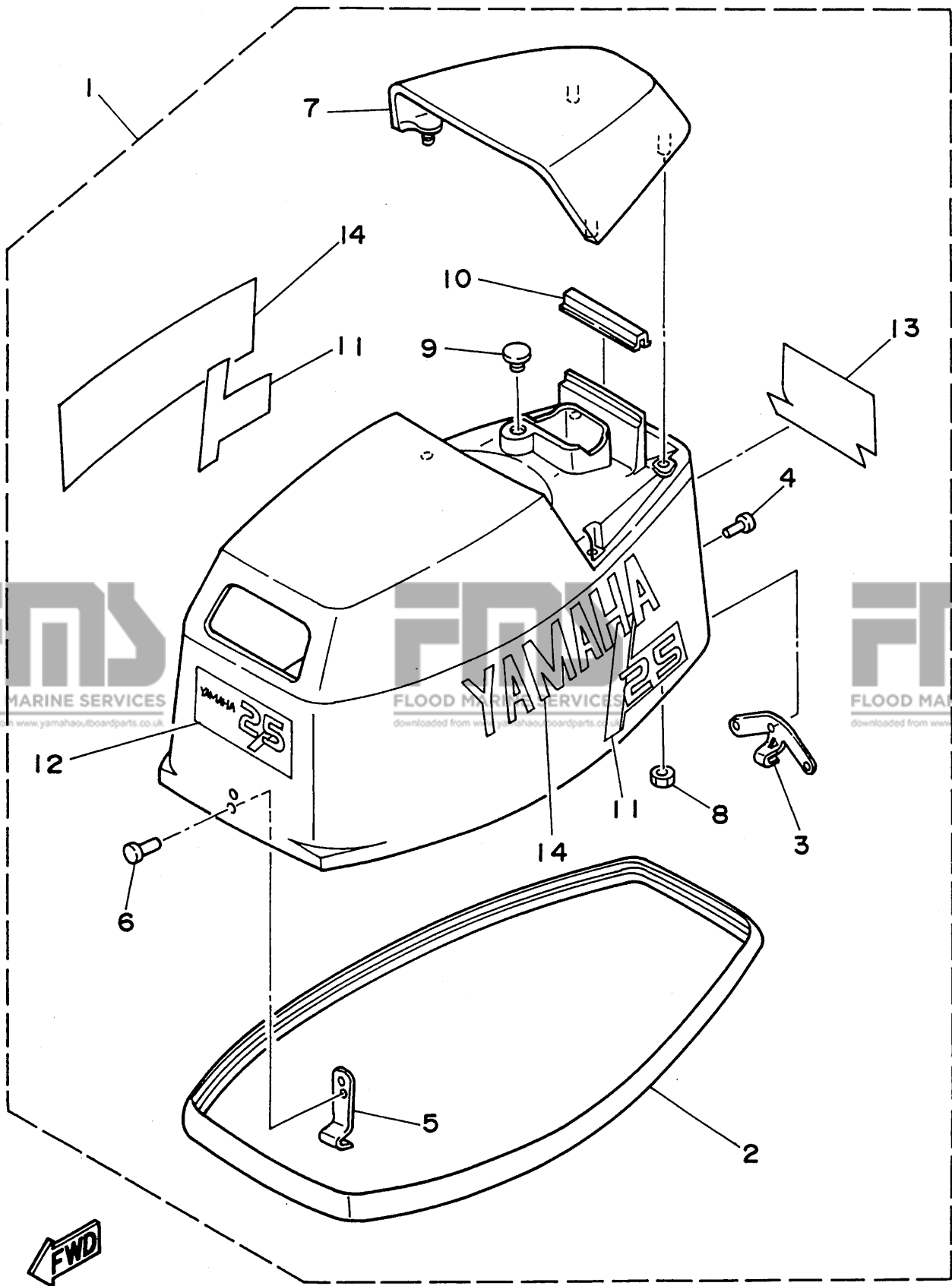


Fig. 7 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	61R-42610-B0-1D	TOP COWLING ASSY (25V MODEL)	1 UR	9	90480-14M14	.GROMMET	1
	61T-42610-B0-1D	TOP COWLING ASSY (30G MODEL)	1 UR	10	61N-42628-00	.SEAL	1
2	6G0-42615-00	.SEAL	1	11	695-W0070-B0	.GRAPHIC SET (25V MODEL)	1 UR
3	689-42647-00	.HOLDER, CLAMP BAND	1		689-W0070-B0	.GRAPHIC SET (30G MODEL)	1 UR
4	90266-04M01	.RIVET	3	12	695-42677-B0	.GRAPHIC, FRONT (25V MODEL)	1 UR
5	6G0-42651-02	.HOOK	1		689-42677-B0	.GRAPHIC, FRONT (30G MODEL)	1 UR
6	90266-04M00	.RIVET	2	13	695-42678-B0	.GRAPHIC, REAR (25V MODEL)	1 UR
7	61N-42613-00-1D	.MOLDING, AIR DUCT	1		689-42678-B0	.GRAPHIC, REAR (30G MODEL)	1 UR
8	90179-06M24	.NUT	4	14	695-42681-B0	.MARK, COWLING	2

Fig. 8 BOTTOM COWLING

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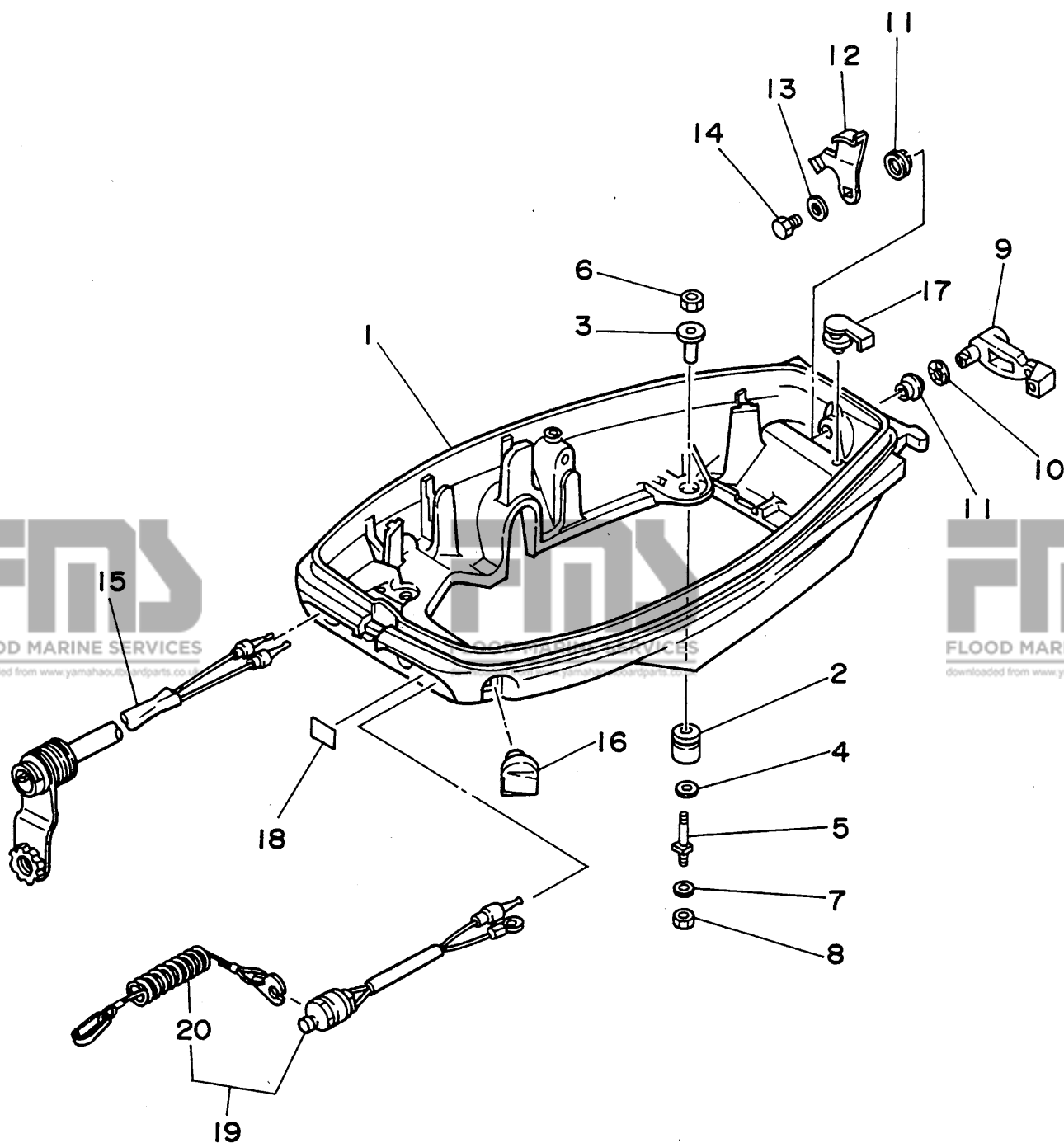
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Fig. 8 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-42711-02-1D	COWLING, BOTTOM	1	11	90386-12069	BUSH	2
2	90480-15M06	GROMMET	4	12	689-42816-00	LEVER, CLAMP	1
3	90387-08M25	COLLAR	4	13	90201-06M02	WASHER, PLATE	1
4	90201-08M87	WASHER, PLATE	4	14	97395-06010	BOLT	1
5	660-42796-00	BOLT 1	4	15	682-84381-00	2P CONCENT	1
6	95380-08700	NUT	4	16	689-42725-00	GROMMET	1
7	92995-08600	WASHER	4	17	647-42523-00	SPACER, FRICTION	1
8	95380-08700	NUT	4	18	6A1-42792-01	MARK	1
9	689-42815-00	LEVER, CLAMP	1	19	6E9-82575-01	ENGINE STOP SWITCH ASSY	1
10	90206-12052	WASHER, WAVE	1	20	682-82556-00	.STOPPER	1

Fig. 9 BRACKET I

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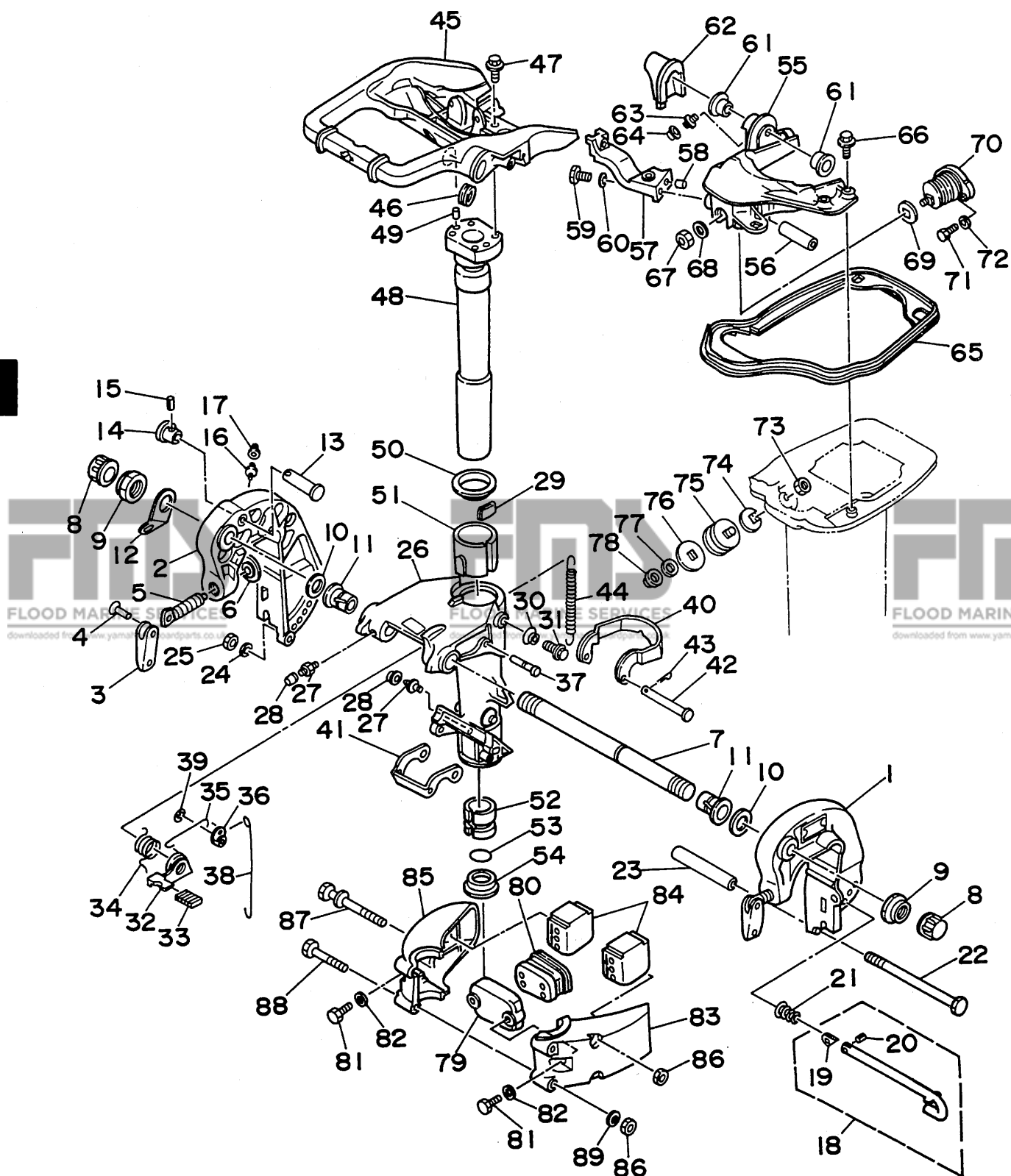


Fig. 9 BRACKET 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-43111-02-1D	BRACKET, CLAMP	1	46	90480-29045	GROMMET	1
2	689-43112-02-1D	BRACKET, CLAMP	1	47	90105-06M07	BOLT, WASHER BASED	4
3	616-43118-00-1D	HANDLE, TRANSOM CLAMP	2	48	689-42521-00-94	SHAFT, STEERING PIVOT	1
4	90243-04M00	PIN	2	49	93608-12063	PIN, DOWEL	2
5	6E7-43116-00	SCREW, TRANSOM CLAMP	2	50	90209-47016	WASHER	1
6	648-43114-01	PAD, TRANSOM CLAMP	2	51	90386-47M22	BUSH	1
7	6J8-43131-01	BOLT, CLAMP BRACKET	1	52	90386-38090	BUSH	1
8	6G5-43145-00	CAP, CLAMP BRACKET	2	53	93210-37M67	O-RING	1
9	90185-22043	NUT, SELF-LOCKING	2	54	90386-38022	BUSH	1
10	90201-22428	WASHER, PLATE	2	55	648-44518-00-94	BRACKET COMP.	1
11	90386-22M67	BUSH	2	56	90387-10M39	COLLAR	1
12	6J8-43113-01	PLATE, CLAMP BRACKET	1	57	648-44519-00-94	BRACKET	1
13	689-43191-00	SHAFT, STOPPER	1	58	93606-12019	PIN, DOWEL	1
14	689-43192-01	KNOB, STOPPER	1	59	97395-06018	BOLT	1
15	91690-30016	PIN, SPRING	1	60	92990-06600	WASHER, PLATE	1
16	93700-06M03	NIPPLE, GREASE	1	61	90381-12M01	BUSH, SOLID	2
17	663-45119-00	CAP, GREASE NIPPLE	1	62	689-42718-00	RUBBER, SEAL 3	1
18	689-43160-00	TILT ROD ASSY	1	63	93700-06M03	NIPPLE, GREASE	1
19	689-43165-00	.PLATE, TILT LOCK	1	64	663-45119-00	CAP, GREASE NIPPLE	1
20	91690-30008	.PIN, SPRING	1	65	689-42716-00	RUBBER, SEAL 1	1
21	90502-10M07	SPRING, CONICAL	1	66	90105-06M08	BOLT, WASHER BASED	4
22	90101-08339	BOLT	1	67	95380-10600	NUT	1
23	90387-08M03	COLLAR	1	68	92990-10200	WASHER, PLAIN	1
24	92995-08600	WASHER	1	69	648-44591-A0	GASKET	1
25	95380-08600	NUT	1	70	689-44516-00	MOUNT DAMPER, UPPER FRONT	1
26	689-43311-03-1D	BRACKET, SWIVEL	1	71	97395-06020	BOLT	2
27	93700-06M03	NIPPLE, GREASE	3	72	92990-06600	WASHER, PLATE	2
28	663-45119-00	CAP, GREASE NIPPLE	3	73	95380-10600	NUT	2
29	648-42528-00	PLATE, FRICTION	1	74	648-44591-A0	GASKET	2
30	689-43373-01	SEAL, DAMPER	1	75	664-44514-00-94	MOUNT DAMPER, UPPER SIDE	2
31	90105-06M18	BOLT, WASHER BASED	1	76	664-44591-A0	GASKET	2
32	689-43631-00	LEVER, TILT	1	77	92990-10200	WASHER, PLAIN	2
33	689-43633-00	COVER, TILT LEVER	1	78	95380-10800	NUT, CROWN	2
34	689-43643-00	SPRING	1	79	689-44553-00-94	COVER, LOWER MOUNT	1
35	689-43616-00	ROD, TILT LOCK	1	80	689-44557-00	MOUNT DAMPER, LOWER FRONT	1
36	648-43642-00	LEVER, TILT 1	1	81	97395-08025	BOLT	2
37	90249-06M22	PIN	1	82	92995-08600	WASHER	2
38	648-43617-00	ROD, TILT LOCK	1	83	689-44551-00-1D	HOUSING, LOWER MOUNT RUBBER	1
39	99080-05600	CIRCLIP	1	84	689-44555-00	MOUNT DAMPER, LOWER SIDE	2
40	689-43614-00	PLATE, TILT LOCK	1	85	689-44552-00-1D	HOUSING, LOWER MOUNT RUBBER	1
41	648-43615-00	PLATE, TILT LOCK	1	86	95380-08600	NUT	4
42	90240-05046	PIN, CLEVIS	1	87	90119-08M03	BOLT, WITH WASHER	2
43	91490-16010	PIN, COTTER	1	88	97395-08065	BOLT	2
44	90506-30M27	SPRING, TENSION	1	89	92995-08600	WASHER	2
45	689-42511-00-1D	BRACKET, STEERING	1				

Fig. 10 STEERING

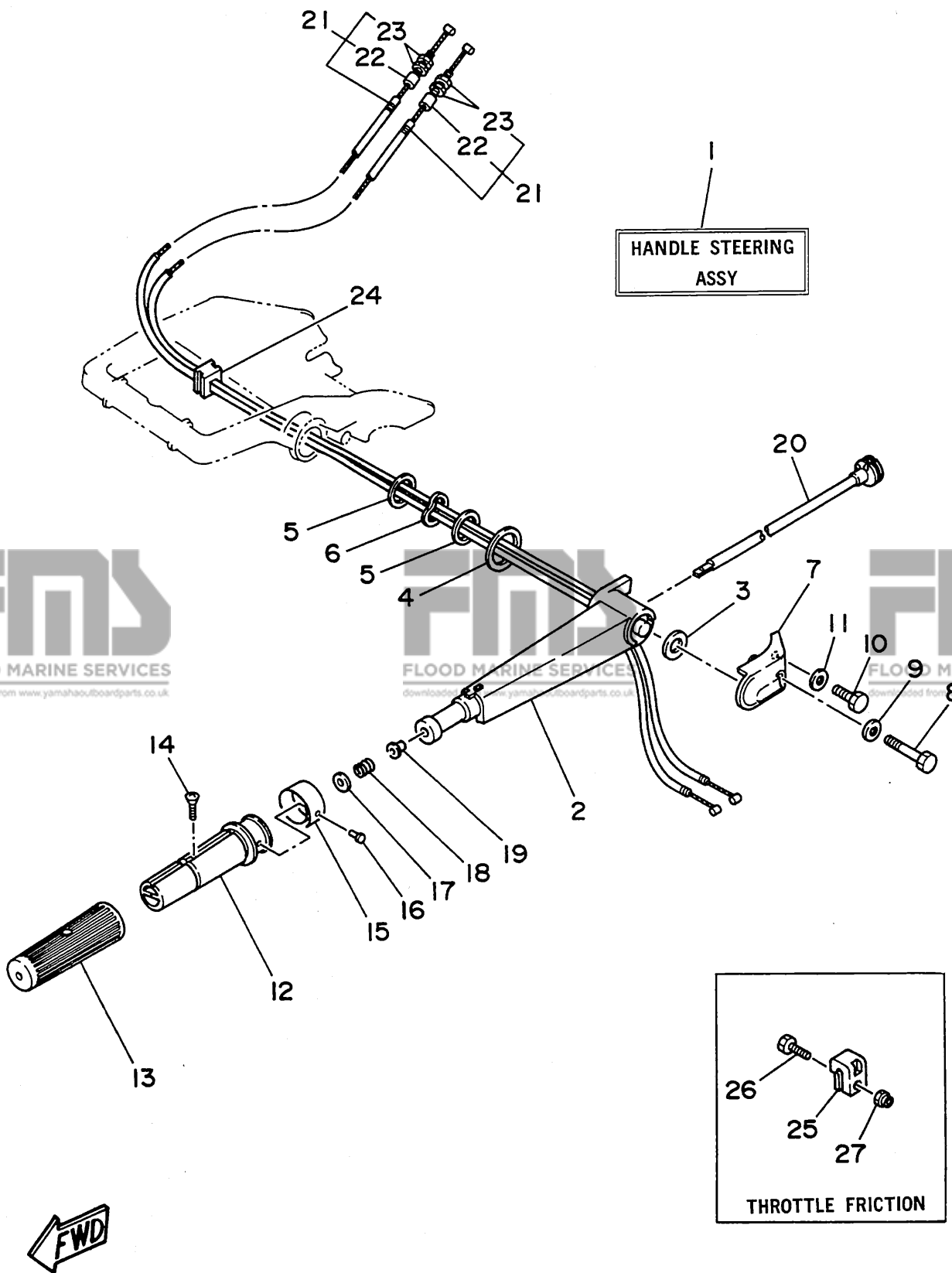


Fig. 10 STEERING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	61N-W0084-00-1D	HANDLE STEERING ASSY (REF.NO. 2 TO 24)	1	14	90149-05M13	SCREW	1
2	694-42111-00-1D	HANDLE, STEERING	1	15	689-42137-20	INDICATOR, THROTTLE	1
3	90560-14076	SPACER	1	16	90269-02M09	RIVET	1
4	90202-34043	WASHER, PLATE	1	17	92990-10600	WASHER, PLATE	1
5	90201-28M00	WASHER, PLATE	2	18	90501-23215	SPRING, COMPRESSION	1
6	90206-28M07	WASHER, WAVE	1	19	90386-08032	BUSH	1
7	689-42112-00-1D	HANDLE, STEERING	1	20	689-42138-00	LEVER, THROTTLE	1
8	97395-06050	BOLT	1	21	61N-26311-00	CABLE, THROTTLE	2
9	92990-06600	WASHER, PLATE	1	22	90123-06M00	.BOLT	1
10	97395-06020	BOLT	1	23	90170-06183	.NUT	2
11	92990-06600	WASHER, PLATE	1	24	61N-26326-00	GROMMET	1
12	664-42119-00	GRIP, STEERING HANDLE	1	25	656-42126-01	FRICTION, STEERING HANDLE GRIP	1
13	661-42177-00	RUBBER, HANDLE	1	26	97395-06020	BOLT	1
				27	90185-06062	NUT, SELF-LOCKING	1

Fig. 11 CONTROL

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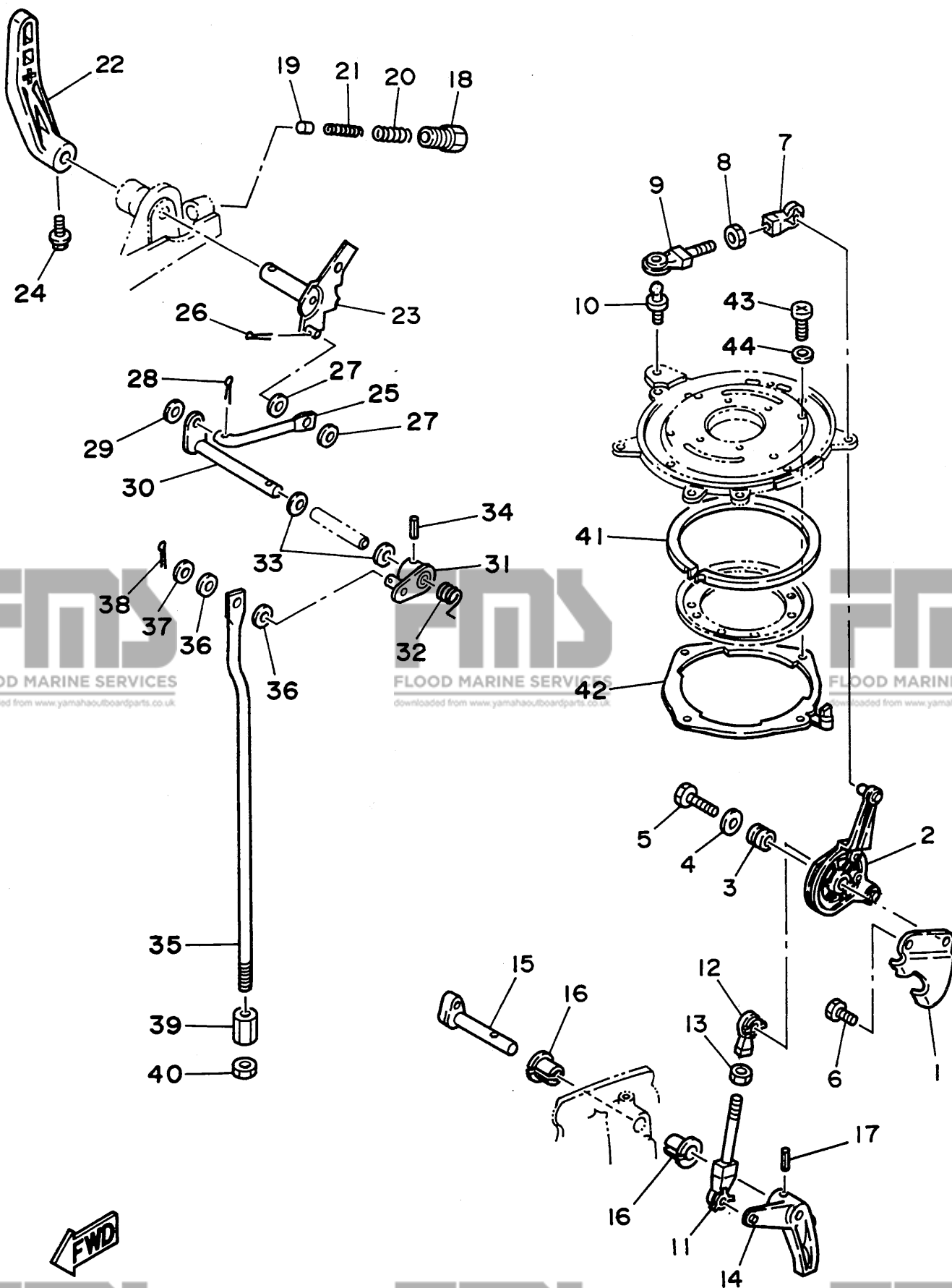
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Fig. 11 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-14497-00	STAY, THROTTLE WIRE	1	23	664-44113-01	CAM PLATE, HANDLE	1
2	61N-41631-00-94	LEVER, MAGNETO CONTROL	1	24	90105-06M07	BOLT, WASHER BASED	1
3	90387-06M02	COLLAR	1	25	664-44142-00	JOINT	1
4	90387-06298	COLLAR	1	26	91490-16010	PIN, COTTER	1
5	97395-06025	BOLT	1	27	90202-06007	WASHER, PLATE	2
6	97395-06012	BOLT	1	28	91490-12012	PIN, COTTER	1
7	6H1-41237-00	JOINT, LINK	1	29	92990-05600	WASHER, PLATE	1
8	95380-05700	NUT	1	30	689-44121-01	LEVER, SHIFT ROD	1
9	679-41241-01	ROD, LINK	1	31	689-44125-00	LEVER, SHIFT ROD	1
10	663-85518-00	JOINT, BALL	1	32	90508-14M13	SPRING, TORSION	1
11	689-42169-01	JOINT	1	33	90202-10024	WASHER, PLATE	2
12	6H1-41237-00	JOINT, LINK	1	34	91690-40016	PIN, SPRING	1
13	95380-05600	NUT	1	35	61N-44143-00	ROD, SHIFT	1
14	689-42154-80-94	LEVER, THROTTLE CONTROL	1	36	90202-06007	WASHER, PLATE	2
15	656-42153-00-94	SHAFT, THROTTLE CONTROL	1	37	92990-05600	WASHER, PLATE	1
16	90386-10009	BUSH	2	38	91490-20010	PIN, COTTER	1
17	91690-40018	PIN, SPRING	1	39	90170-06015	NUT	1
18	664-42715-00	BUSHING	1	40	95380-06600	NUT	1
19	664-44167-00	PLUNGER, SHIFT CAM	1	41	676-41611-00	RETAINER, MAGNETO BASE	1
20	90501-14M07	SPRING, COMPRESSION	1	42	676-41613-00	PLATE, BASE FRICTION	1
21	90501-09M08	SPRING, COMPRESSION	1	43	98580-05012	SCREW, PAN HEAD	4
22	689-44111-00-1D	HANDLE, GEAR SHIFT	1	44	92990-05600	WASHER, PLATE	4

Fig. 12 UPPER CASING

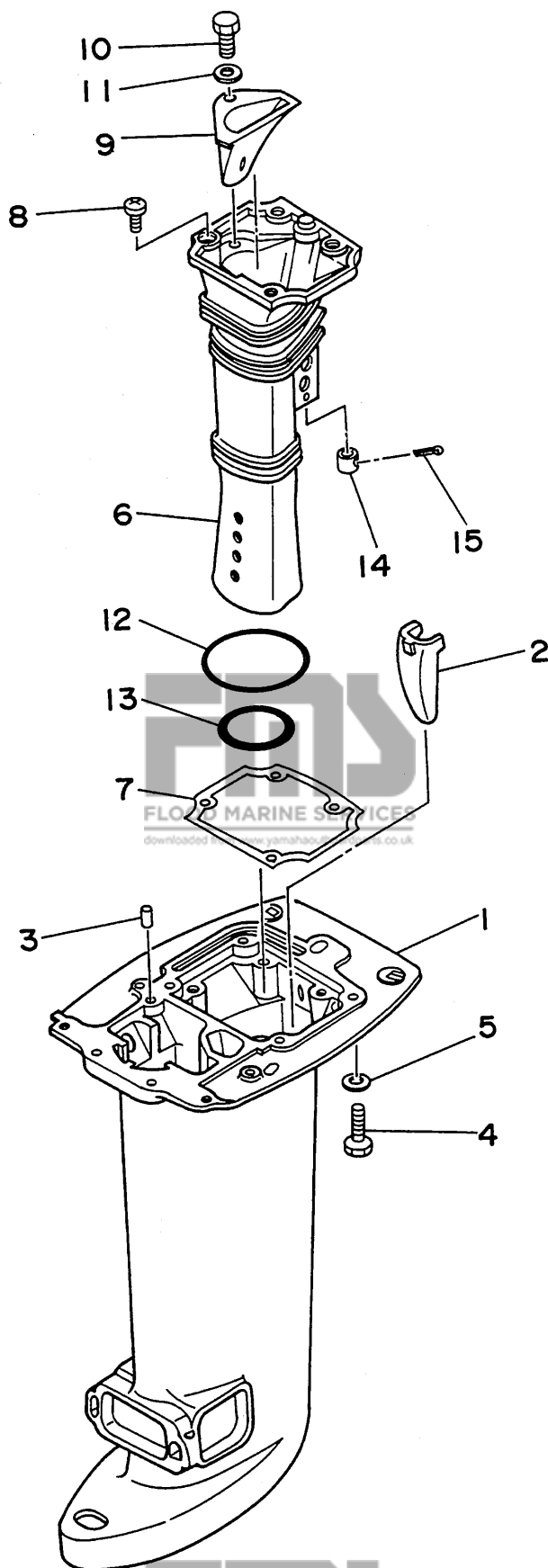


Fig. 12 UPPER CASING

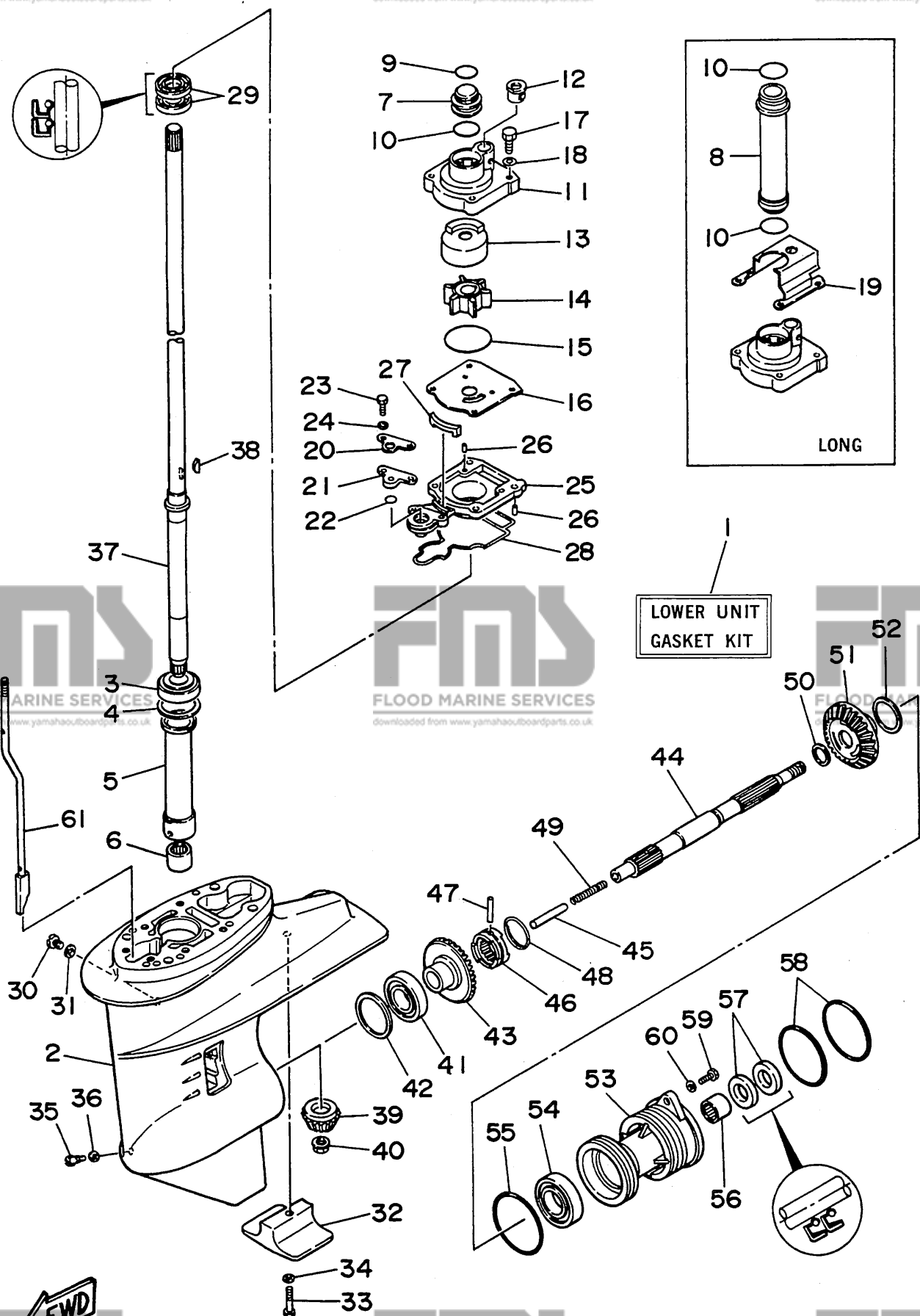
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-45111-02-1D	CASING, UPPER (SHORT)	1 UR	8	98580-06016	SCREW, PAN HEAD	4
	689-45111-11-1D	CASING, UPPER (LONG)	1 UR	9	689-41137-00-94	GUIDE, EXHAUST	1
2	689-41132-00-94	MANIFOLD, EXHAUST (SHORT)	1 UR	10	97395-08020	BOLT	1
	689-41132-10-94	MANIFOLD, EXHAUST (LONG)	1 UR	11	92995-08600	WASHER	1
3	93606-12019	PIN, DOWEL	2	12	689-41141-00	SEAL 1	1
4	97395-08030	BOLT	6	13	689-41142-00	SEAL	1
5	92995-08600	WASHER	6	14	6A8-41135-00	GASKET, EXHAUST MANIFOLD (SHORT)	1 UR
6	6A8-41131-10-5B	MANIFOLD, EXT. 1	1		689-41135-00	GASKET, EXHAUST MANIFOLD (LONG)	1 UR
7	664-41134-A0	GASKET, EXHAUST MANIFOLD	1	15	91490-30030	PIN, COTTER	1

Fig. 13 LOWER CASING. DRIVE I

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Fig. 13 LOWER CASING. DRIVE 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	61N-45300-00-1D	LOWER UNIT ASSY (SHORT)		30	90340-08M04	PLUG, STRAIGHT SCREW	1
		(REF.NO. 2 TO 7,9 TO 18,20 TO 61)	1 UR	31	90430-08020	GASKET	1
	61N-45300-10-1D	LOWER UNIT ASSY (LONG)		32	61N-45251-00	ANODE	1
		(REF.NO. 2 TO 6,8,10 TO 61)	1 UR	33	97395-06035	BOLT	1
2	61N-45311-00-1D	CASING, LOWER	1	34	92990-06600	WASHER, PLATE	1
3	93332-000W5	BEARING	1	35	688-45341-00	PLUG, DRAIN	1
4	61N-45587-00-07	SHIM (T=0.7)	1 UR	36	90430-08020	GASKET	1
	61N-45587-00-10	SHIM (T=1.0)	1 UR	37	61N-45510-00	DRIVE SHAFT ASSY (SHORT)	1 UR
	61N-45587-00-11	SHIM (T=1.1)	1 UR		61N-45510-10	DRIVE SHAFT ASSY (LONG)	1 UR
	61N-45587-00-12	SHIM (T=1.2)	1 UR	38	90280-03024	KEY, WOODRUFF	1
	61N-45587-00-13	SHIM (T=1.3)	1 UR	39	61N-45551-00	PINION	1
	61N-45587-00-14	SHIM (T=1.4)	1 UR	40	90179-10M14	NUT	1
	61N-45587-00-15	SHIM (T=1.5)	1 UR	41	93332-00005	BEARING	1
	61N-45587-00-16	SHIM (T=1.6)	1 UR	42	6L2-45567-00-10	SHIM (T:1.0MM)	1 UR
5	61N-45536-00	SLEEVE, DRIVE SHAFT	1		6L2-45567-00-11	SHIM (T:1.1MM)	1 UR
6	93315-220V7	BEARING, CYLINDRICAL	1		6L2-45567-00-12	SHIM (T:1.2MM)	1 UR
7	61N-44362-00	TUBE, WATER (SHORT)	1		6L2-45567-00-14	SHIM (T:1.4MM)	1 UR
8	61N-44362-10	TUBE, WATER (LONG)	1	43	61N-45560-00	GEAR	1
9	93210-22298	O-RING (SHORT)	1	44	6L2-45611-00	SHAFT, PROPELLER	1
10	93210-26240	O-RING (SHORT)	1 UR	45	648-45635-00	PLUNGER, SHIFT	1
	93210-26240	O-RING (LONG)	2 UR	46	664-45631-00	CLUTCH, DOG	1
11	61N-44311-00	HOUSING, WATER PUMP	1	47	90250-05010	PIN, STRAIGHT	1
12	6L2-44367-00	DAMPER, WATER SEAL	1	48	648-45633-00	RING, CROSS PIN	1
13	61N-44322-00	INSERT, CARTRIDGE	1	49	90501-10065	SPRING, COMPRESSION	1
14	6H4-44352-02	IMPELLER	1	50	90201-20417	WASHER, PLATE	1
15	93210-45161	O-RING	1	51	61N-45571-00	GEAR	1
16	61N-44323-00	OUTER PLATE, CARTRIDGE	1	52	6L2-45577-00-10	SHIM (T:1.0MM)	1 UR
17	97395-06040	BOLT	4		6L2-45577-00-11	SHIM (T:1.1MM)	1 UR
18	92990-06600	WASHER, PLATE	4		6L2-45577-00-12	SHIM (T:1.2MM)	1 UR
19	61N-44328-00	PLATE (LONG)	1 UR		6L2-45577-00-13	SHIM (T:1.3MM)	1 UR
20	61N-44176-00	BRACKET	1	53	61N-45361-00-1D	CAP, LOWER CASING	1
21	61N-45321-00	PLATE	1	54	93306-00612	BEARING	1
22	93210-06ME6	O-RING	1	55	93210-64ME7	O-RING	1
23	97395-06025	BOLT	2	56	93315-22004	BEARING, CYLINDRICAL	1
24	92990-06600	WASHER, PLATE	2	57	93101-20M07	OIL SEAL	2
25	61N-45331-00-5B	HOUSING, BEARING	1	58	93210-65M50	O-RING	2
26	93604-10M03	PIN, DOWEL	3	59	97395-06020	BOLT	2
27	61N-45127-00	SEAL	1	60	92990-06600	WASHER, PLATE	2
28	61N-45315-00	PACKING, LOWER CASING	1	61	61N-44150-00	SHIFT CAM ASSY (SHORT)	1 UR
29	93101-22067	OIL SEAL	2		61N-44150-10	SHIFT CAM ASSY (LONG)	1 UR

Fig. 14 LOWER CASING. DRIVE 2

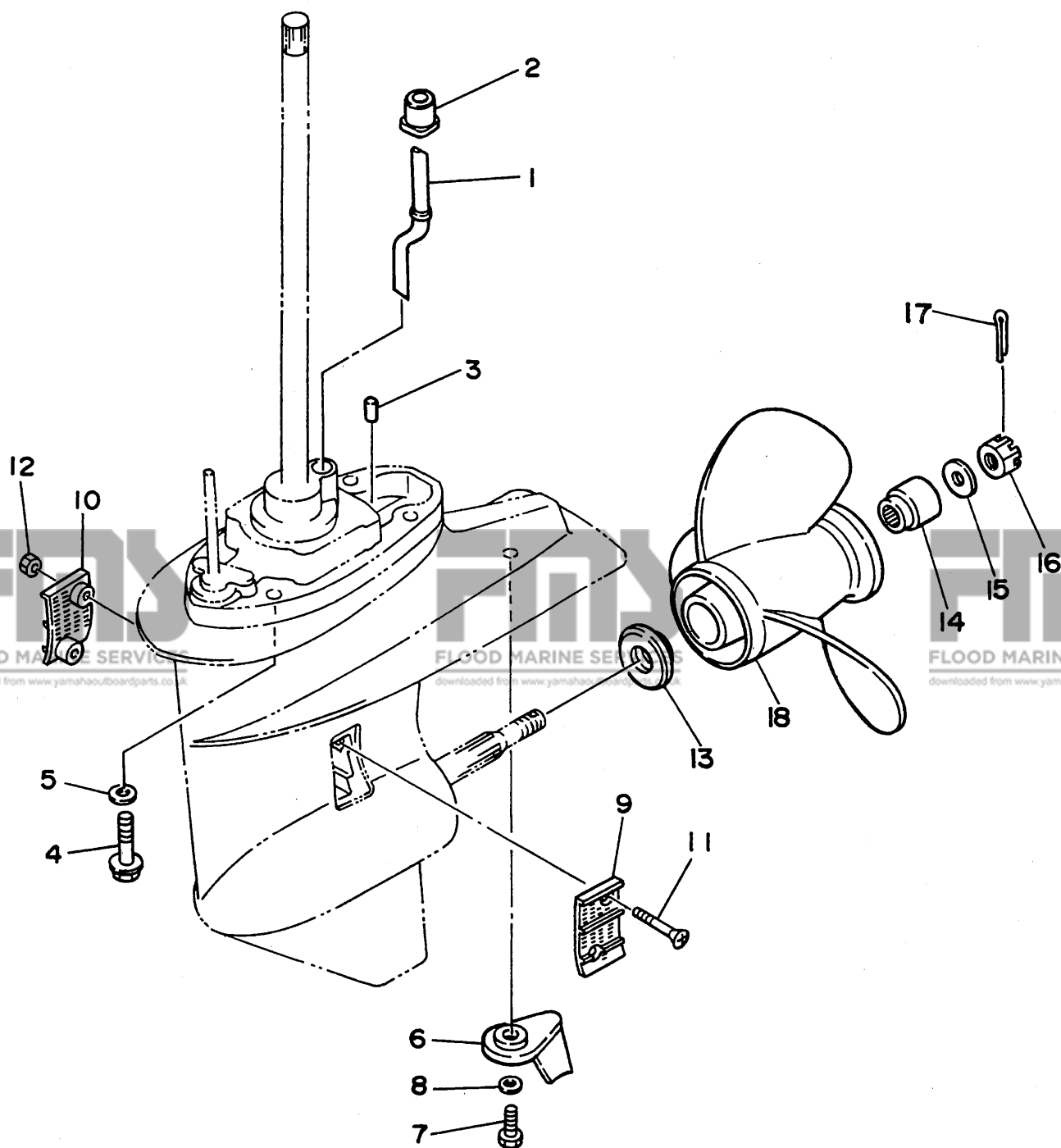


Fig. 14 LOWER CASING. DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	61N-44361-00	TUBE, WATER (SHORT)	1 UR	13	6L2-45987-01	SPACER	1
	61N-44361-10	TUBE, WATER (LONG)	1 UR	14	689-45997-00	SPACER	1
2	689-44366-00	DAMPER, WATER SEAL	1	15	92990-14200	WASHER, PLAIN	1
3	93606-12019	PIN, DOWEL	2	16	90171-14013	NUT, CASTLE	1
4	90105-10M12	BOLT, WASHER BASED	4	17	91490-30030	PIN, COTTER	1
5	92995-10600	WASHER	4	18	664-45954-00-EL	PROPELLER (3X9-7/8"X12"-F)	1 UR
6	61N-45371-00	TAB-TRIM	1		664-45943-01-EL	PROPELLER (3X9-7/8"X8"-F)	1 UR
7	90101-06M22	BOLT	1		664-45941-01-EL	PROPELLER (3X9-7/8"X9"-F)	1 UR
8	90201-06049	WASHER, PLATE	1		664-45945-00-EL	PROPELLER (3X9-7/8"X10-1/2"-F)	1 UR
9	6L2-45214-00	COVER, WATER INLET	1		664-45947-01-EL	PROPELLER (3X9-7/8"X11-1/4"-F)	1 UR
10	6L2-45215-00	COVER, WATER INLET	1		664-45949-02-EL	PROPELLER (3X9-7/8"X13"-F)	1 UR
11	98680-05030	SCREW, OVAL HEAD	2		664-45952-00-EL	PROPELLER (3X9-7/8"X14"-F)	1 UR
12	90185-05002	NUT, SELF-LOCKING	2				

Fig. 15 GENERATOR

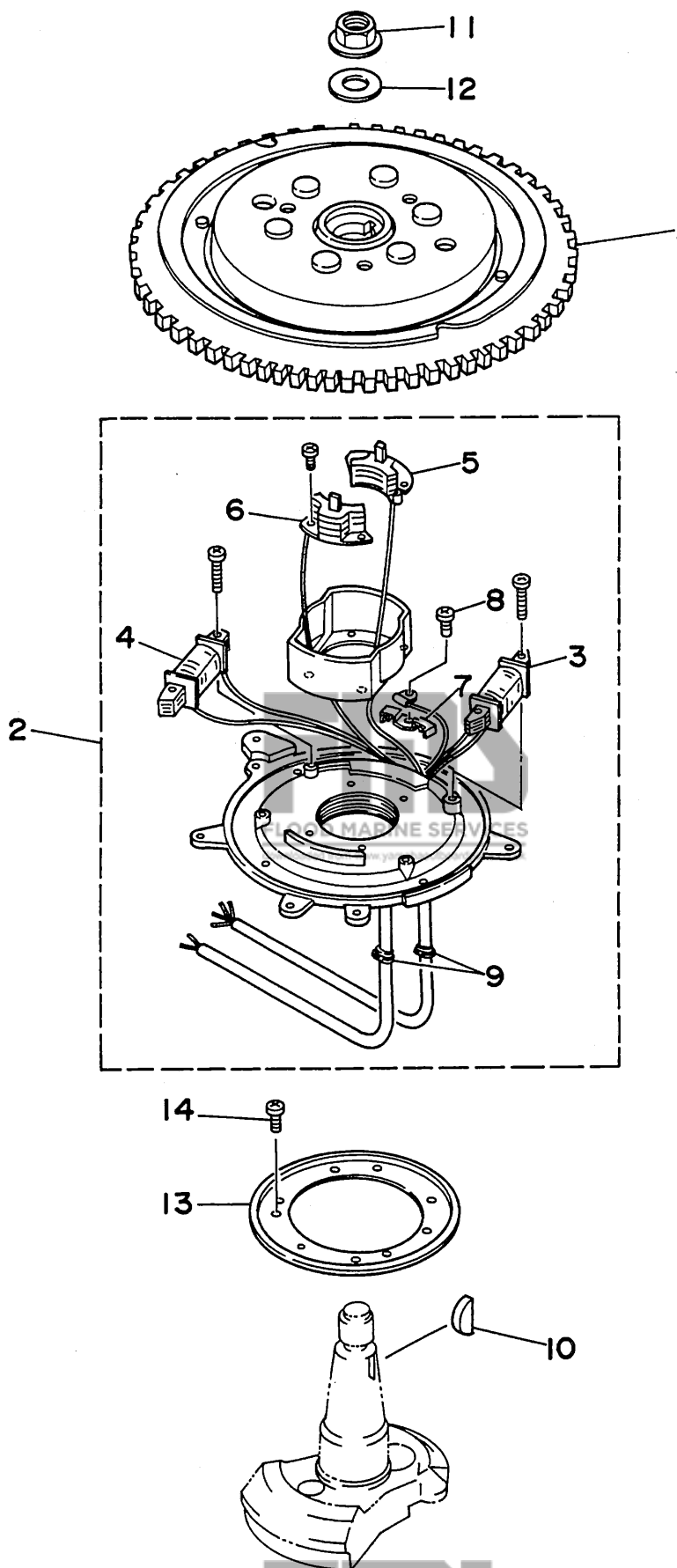


Fig. 15 GENERATOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	61T-85550-00	ROTOR ASSY	1	8	98501-04006	.SCREW, PAN HEAD	1
2	61N-85560-00	BASE ASSY	1	9	6E9-85516-70	.GROMMET	2
* 3	61N-85541-09	.COIL, CHARGE	1	10	90280-05049	KEY, WOODRUFF	1
* 4	61N-81313-09	.COIL, LIGHTING 1	1	11	90179-16M05	NUT	1
* 5	61N-85543-09	.COIL, PULSER	1	12	90201-16M44	WASHER, PLATE	1
* 6	61N-85543-19	.COIL, PULSER	1	13	689-41612-01	RETAINER, MAGNETO BASE	1
7	6E9-81328-70	.CLAMP	1	14	98580-06010	SCREW, PAN HEAD	4

* WITHOUT TERMINAL

Fig. 16 ELECTRICAL I

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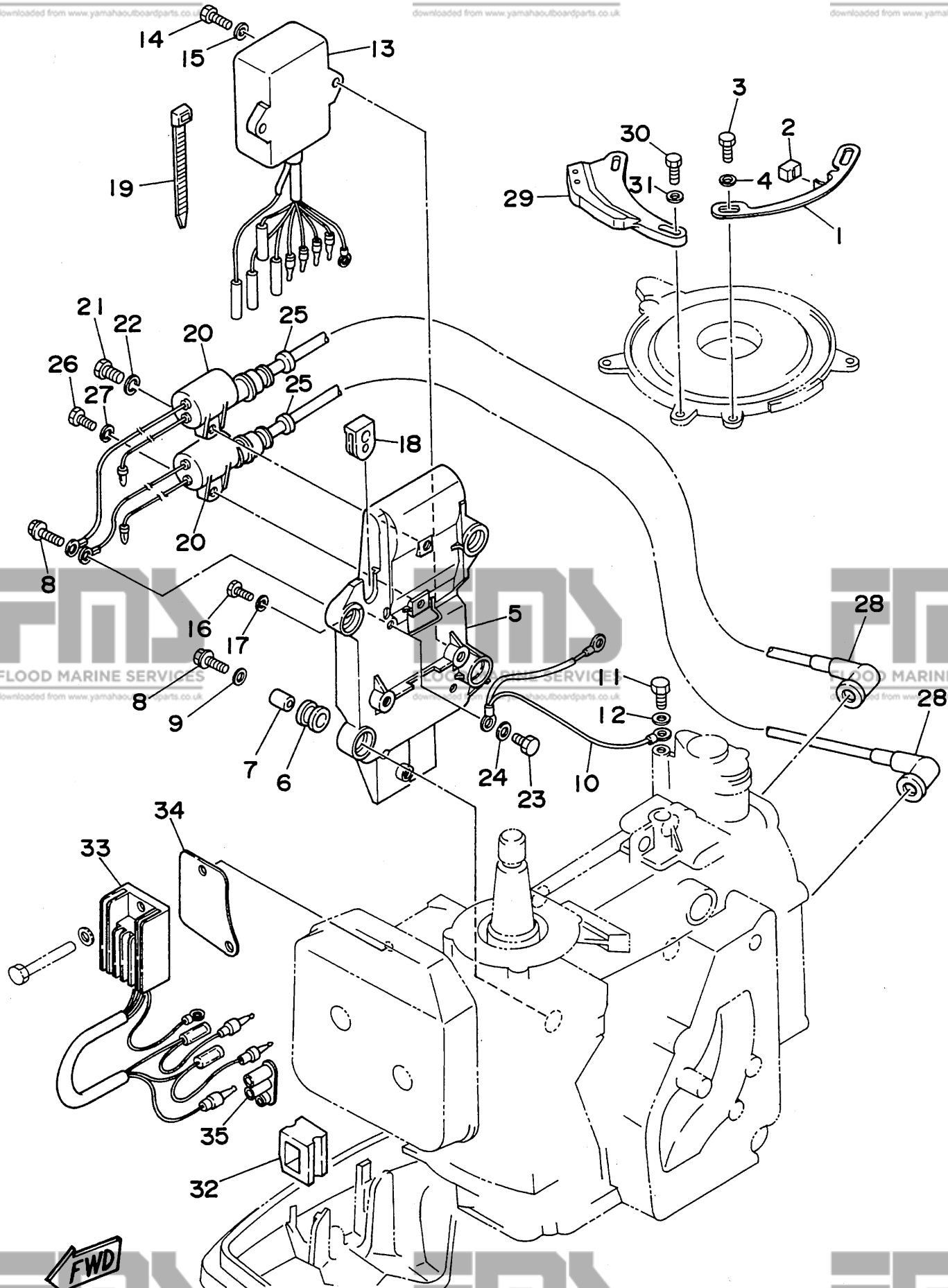
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Fig. 16 ELECTRICAL 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	61N-41615-00	STOPPER, MAGNETO BASE	1	18	6H3-81922-00	GROMMET	1
2	61N-44194-00	CAP (25V MODEL)	1 UR	19	90465-13M11	CLAMP	1
	61T-44194-00	CAP (30G MODEL)	1 UR	20	61N-85570-10	IGNITION COIL ASSY	2
3	97395-06010	BOLT	2	21	97395-06020	BOLT	1
4	92990-06600	WASHER, PLATE	2	22	92990-06600	WASHER, PLATE	1
5	61N-85542-00-94	BRACKET	1	23	97395-06012	BOLT	1
6	61N-82317-00	DAMPER, IGNITION COIL	4	24	92995-06100	WASHER	1
7	624-42542-00	PIPE	4	25	90480-25161	GROMMET	2
8	90119-06M95	BOLT, WITH WASHER	4	26	97395-06020	BOLT	1
9	90201-06M30	WASHER, PLATE	2	27	92990-06600	WASHER, PLATE	1
10	61N-82519-01	WIRE, EARTH LEAD	1	28	661-82370-20	PLUG CAP ASSY	2
11	97395-06012	BOLT	1	29	61N-41213-00-94	CAM, ACCEL.	1
12	92995-06100	WASHER	1	30	97395-05016	BOLT	2
13	61N-85540-00	C.D.I. UNIT ASSY	1	31	92990-05600	WASHER, PLATE	2
14	97395-06020	BOLT	2	32	90480-17M08	GROMMET	2
15	92990-06600	WASHER, PLATE	2	33	6J8-81960-00	RECTIFIER & REGULATOR ASSY	1
16	97395-06012	BOLT	1	34	61T-81915-00	PLATE, REGULATOR FITTING	1
17	92995-06100	WASHER	1	35	6E5-82582-00	COVER, WIRE HARNESS	1

Fig. 17 ALTERNATE 1 (25VEM/30GEM MODEL)

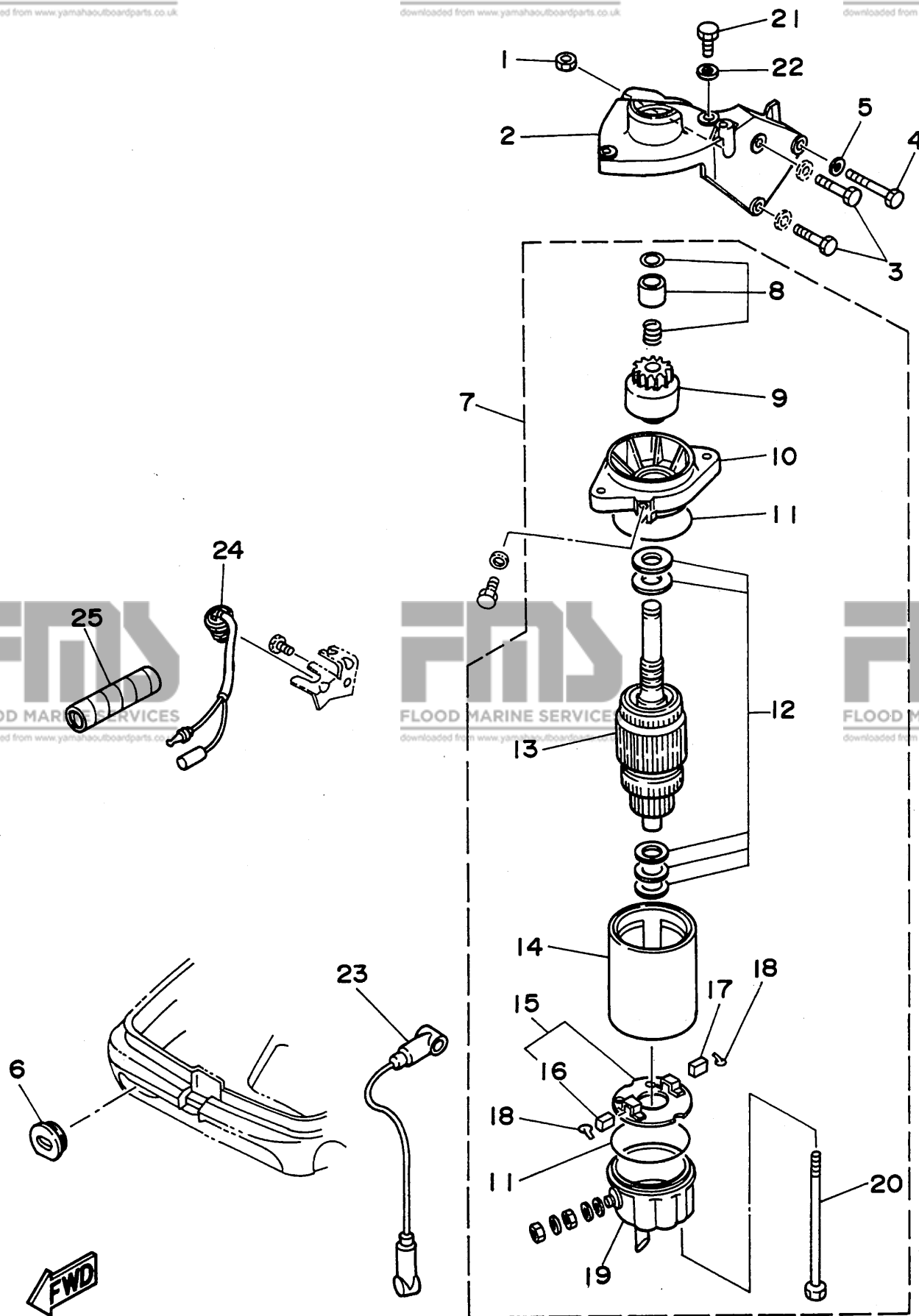


Fig. 17 ALTERNATE 1 (25VEM/30GEM MODEL)

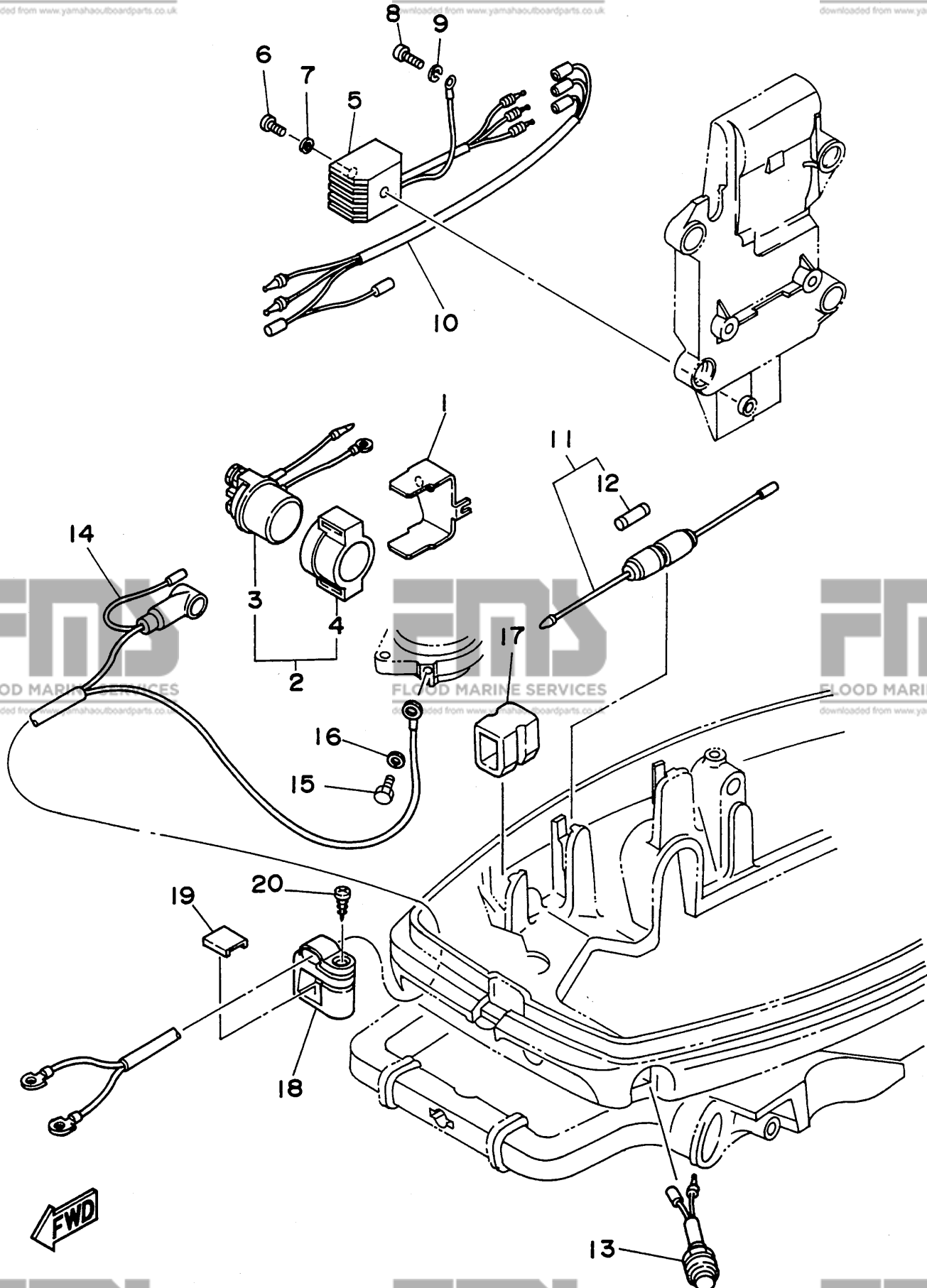
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	95380-06600	NUT	1	14	689-81810-11	.STATOR ASSY	1
2	61T-15772-00-94	STAY 2	1	15	689-81840-11	.BRUSH HOLDER ASSY	1
3	97313-06030	BOLT	2	16	689-81812-11	..BRUSH 2	1
4	97313-06050	BOLT	1	17	689-81811-11	.BRUSH 1	1
5	92990-06600	WASHER, PLATE	1	18	689-81813-10	.SPRING, BRUSH	2
6	61T-42724-40	GROMMET	1	19	689-81820-11	.REAR BRACKET ASSY	1
7	689-81800-13	STARTING MOTOR ASSY	1	20	689-81826-10	.BOLT	2
8	689-81857-11	.PINION STOPPER SET	1	21	97313-08030	BOLT	2
9	689-81807-12	.GEAR ASSY, STARTING MOTOR	1	22	92990-08600	WASHER, PLATE	2
10	689-81830-11	.FRONT BRACKET ASSY	1	23	689-82531-02	WIRE, LEAD	1
11	689-81847-11	.O-RING	2	24	689-82540-01	NEUTRAL SWITCH ASSY	1
12	689-81809-11	.WASHER KIT	1	25	90446-10M02	HOSE	1
13	689-81850-12	.ARMATURE ASSY	1				

Fig. 18 ALTERNATE 2 (25VEM/30GEM MODEL)

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Fig. 18 ALTERNATE 2 (25VEM/30GEM MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	61T-81945-00	PLATE, SWITCH FITTING	1	11	682-82150-10	FUSE HOLDER ASSY	1
2	6G1-81940-00	STARTER RELAY ASSY	1	12	682-82151-00	.FUSE	1
3	6G1-81941-10	.STARTER RELAY ASSY	1	13	689-81870-00	STARTING SWITCH ASSY	1
4	6G1-81952-00	.HOLDER, RELAY	1	14	689-82105-12	WIRE HARNESS	1
5	664-81970-61	RECTIFIER ASSY	1	15	97313-08012	BOLT	1
6	98580-05525	SCREW, PAN HEAD	1	16	92990-08600	WASHER, PLATE	1
7	92990-05600	WASHER, PLATE	1	17	90480-17M08	GROMMET	2
8	97395-06012	BOLT	1	18	689-82594-00	CLAMP	1
9	92995-06100	WASHER	1	19	682-42525-00	PLATE, FRICTION	1
10	689-81971-00	WIRE, LEAD	1	20	90161-06M00	SCREW, TAPPING	1

Fig. 19 ALTERNATE 3
(SHALLOW WATER DRIVE)

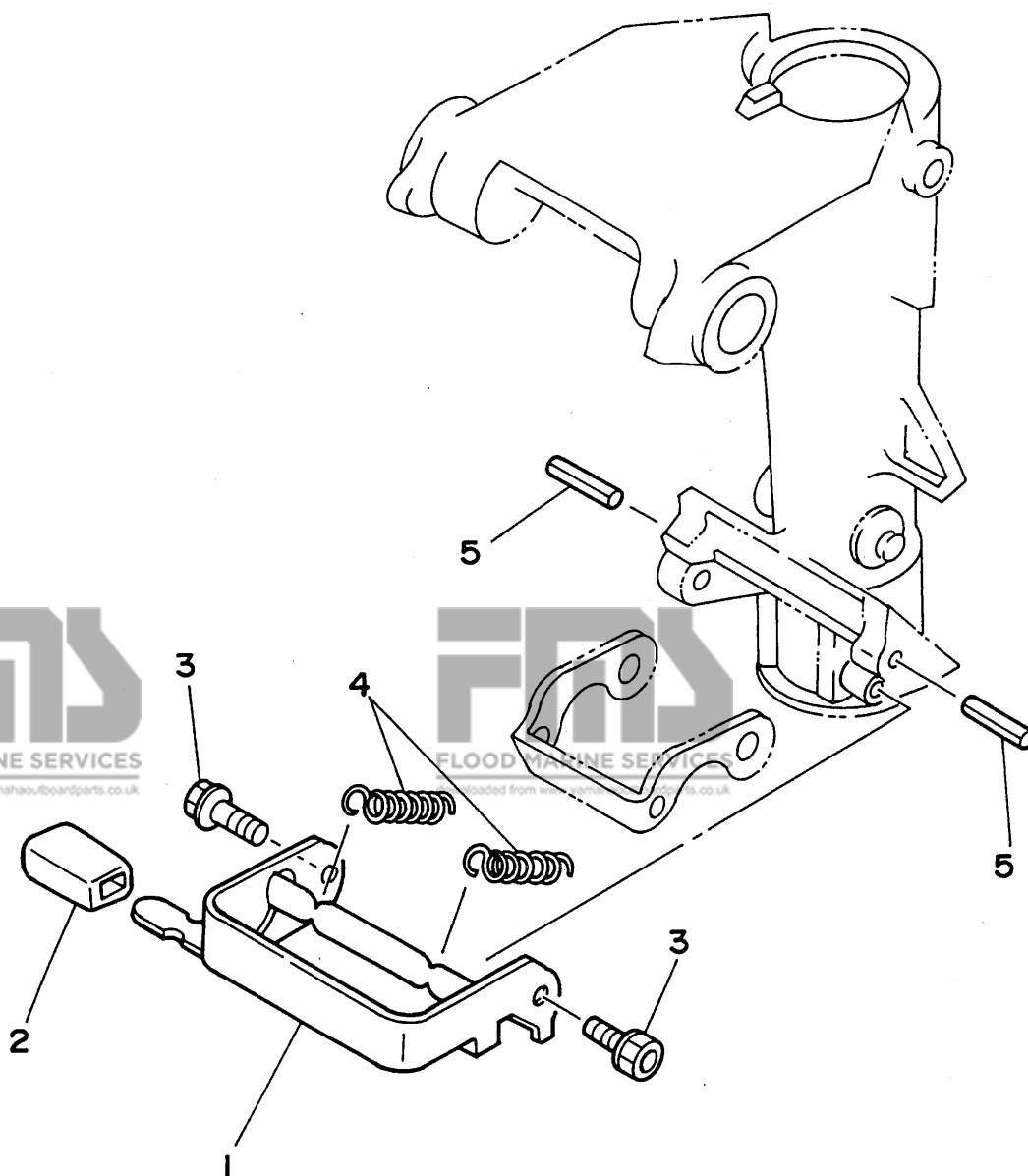


Fig. 19 ALTERNATE 3 (SHALLOW WATER DRIVE)

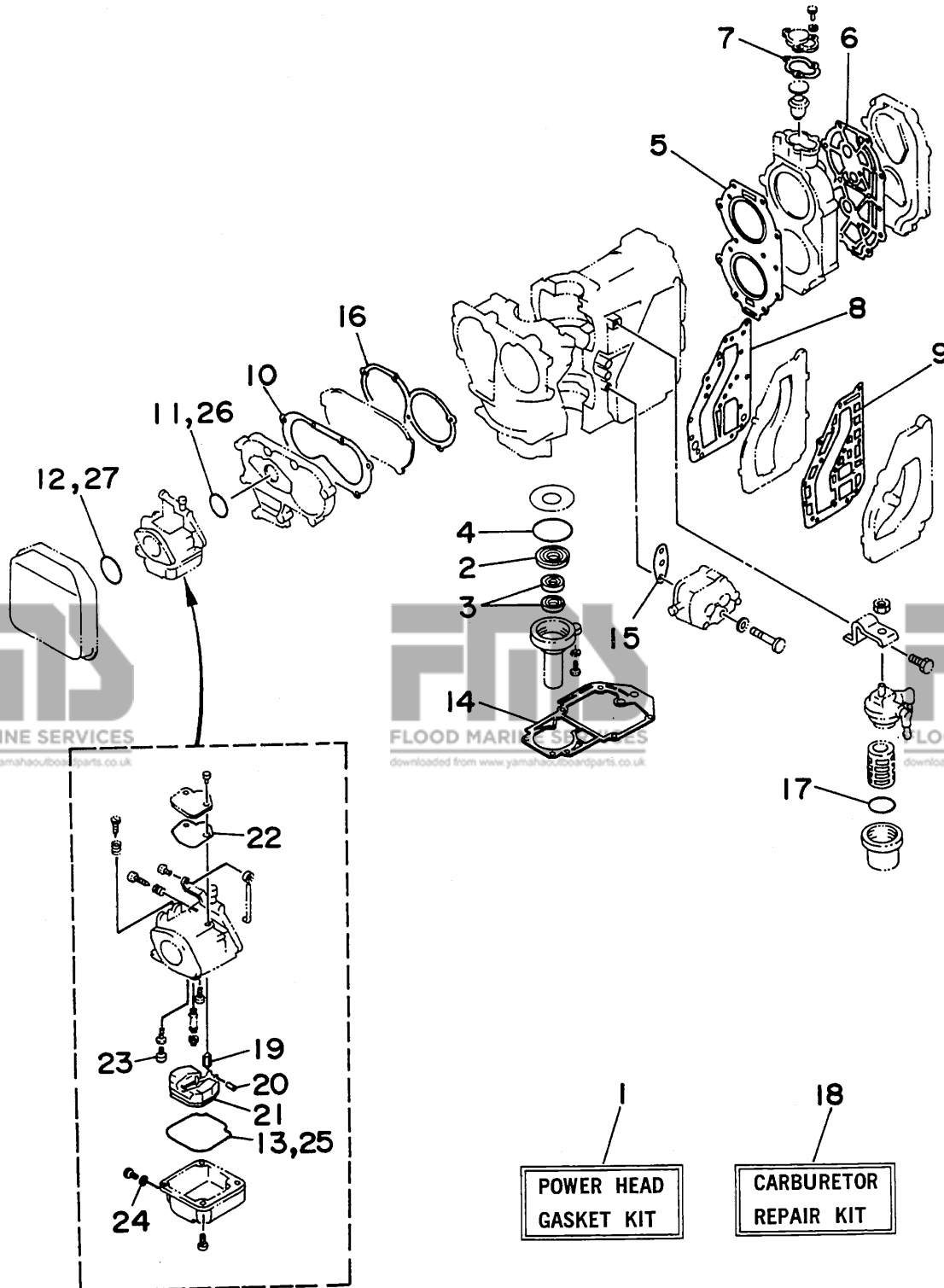
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-43681-01	LEVER, SHALLOW WATER DRIVE	1	4	90506-16M17	SPRING, TENSION	2
2	682-43318-01	COVER	1	5	91690-40035	PIN, SPRING	2
3	90109-06M18	BOLT	2				

Fig. 20 REPAIR KIT I

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Fig. 20 REPAIR KIT 1

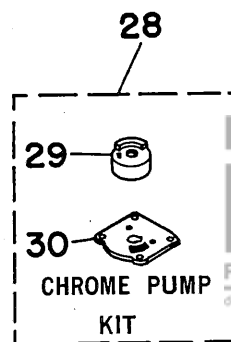
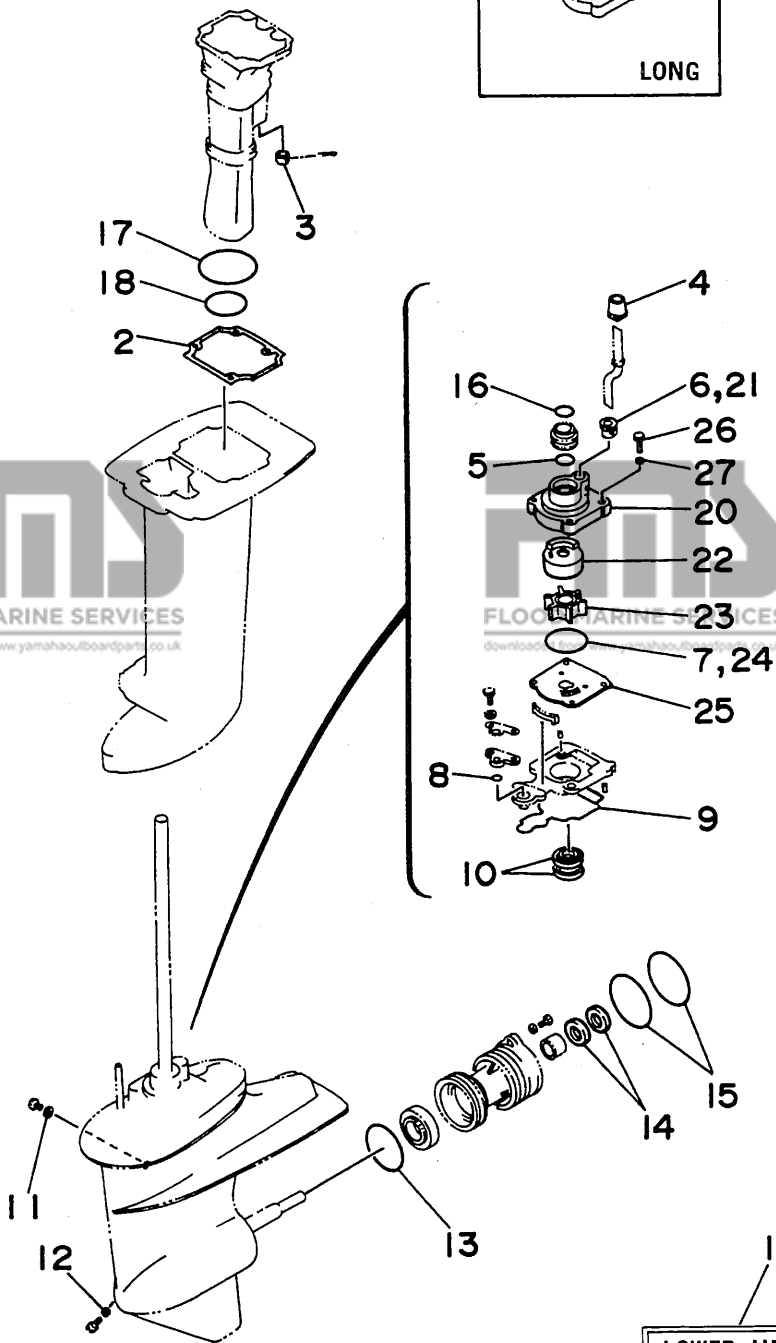
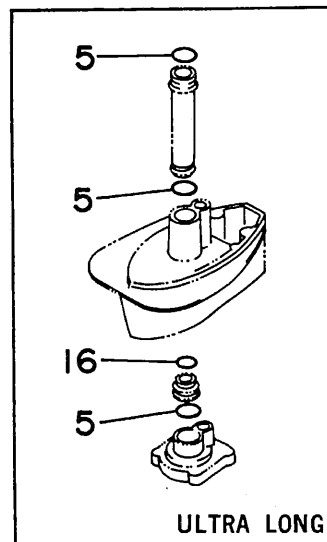
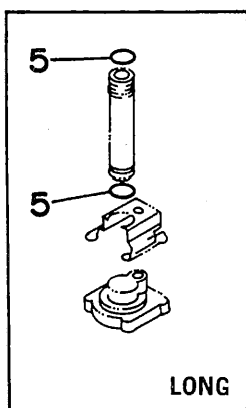
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	61T-W0001-00	POWER HEAD GASKET KIT	1	15	648-13621-00	.GASKET, VALVE SEAT	1
2	93102-25M28	.OIL SEAL	1	16	93210-37M25	.O-RING	1
3	93101-16M36	.OIL SEAL	2	17	650-24431-A0	.GASKET, FUEL PUMP 1	1
4	93210-57M09	.O-RING	1	18	61N-W0093-00	CARBURETOR REPAIR KIT	1
5	61N-11181-A0	.GASKET, CYLINDER HEAD 1	1	19	61N-14392-00	.VALVE, NEEDLE	1
6	61T-11193-A0	.GASKET, HEAD COVER 1	1	20	6E5-14386-01	.PIN, FLOAT	1
7	655-12414-00	.GASKET, COVER	1	21	6L2-14385-00	.FLOAT	1
8	6K8-41122-A1	.GASKET, EXHAUST INNER COVER	1	22	6L2-14399-00	.GASKET	1
9	6K8-41124-A1	.GASKET, EXHAUST OUTER COVER	1	23	50M-14355-00	.PLUG	1
10	648-13645-00	.GASKET, MANIFOLD 1	1	24	6L2-14398-00	.GASKET	1
11	61N-14198-00	.GASKET	1	25	6L2-14384-00	.GASKET, FLOAT CHAMBER	1
12	93210-40659	.O-RING	1	26	61N-14198-00	.GASKET	1
13	6L2-14384-00	.GASKET, FLOAT CHAMBER	1	27	93210-40659	.O-RING	1
14	61T-45113-A0	.GASKET, UPPER CASING	1				

Fig. 21 REPAIR KIT 2

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LOWER UNIT
GASKET KIT

WATER PUMP
REPAIR KIT



Fig. 21 REPAIR KIT 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	61N-W0001-41	LOWER UNIT GASKET KIT	1	16	689-41141-00	.SEAL 1	1
2	664-41134-A0	.GASKET, EXHAUST MANIFOLD	1	17	689-41142-00	.SEAL	1
3	6A8-41135-00	.GASKET, EXHAUST MANIFOLD (SHORT)	1 UR	18	93210-22ME5	.O-RING (ULTRA LONG)	1 UR
	689-41135-00	.GASKET, EXHAUST MANIFOLD (LONG)	1 UR		93210-22298	.O-RING (SHORT)	1 UR
4	689-44366-00	.DAMPER, WATER SEAL	1	19	61N-W0078-00	WATER PUMP REPAIR KIT	1
5	93210-26240	.O-RING	3 UN	20	61N-44311-00	.HOUSING, WATER PUMP	1
6	6L2-44367-00	.DAMPER, WATER SEAL	1	21	6L2-44367-00	.DAMPER, WATER SEAL	1
7	93210-45161	.O-RING	1	22	61N-44322-00	.INSERT, CARTRIDGE	1
8	93210-06ME6	.O-RING	1	23	6H4-44352-02	.IMPELLER	1
9	61N-45315-00	.PACKING, LOWER CASING	1	24	93210-45161	.O-RING	1
10	93101-22067	.OIL SEAL	2	25	61N-44323-00	.OUTER PLATE, CARTRIDGE	1
11	90430-08020	.GASKET	1	26	97395-06040	.BOLT	4
12	90430-08020	.GASKET	1	27	92990-06600	.WASHER, PLATE	4
13	93210-64ME7	.O-RING	1	28	61N-W0078-0A	CHROME PUMP KIT	1
14	93101-20M07	.OIL SEAL	2	29	61N-44322-40	.INSERT, CARTRIDGE	1
15	93210-65M50	.O-RING	2	30	61N-44323-40	.OUTER PLATE, CARTRIDGE	1



400Q(6R6)

400



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Fig. 1 CYLINDER. CRANKCASE

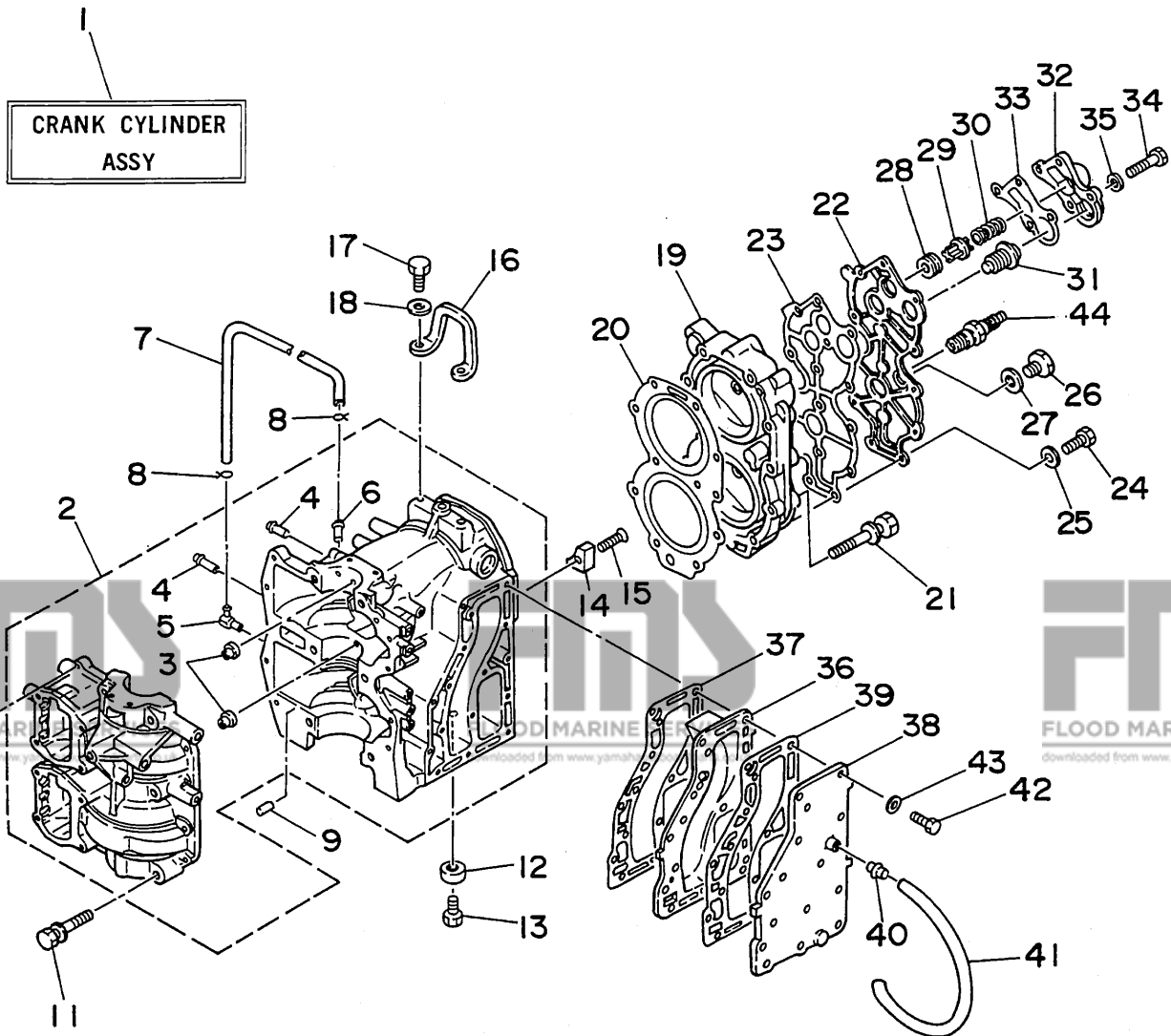


Fig. 1 CYLINDER. CRANKCASE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6R6-W0090-01-1D	CRANK CYLINDER ASSY (Ref.No. 2 to 43 and Fig. 2, Ref.No. 1 to 23)	1	22	6E9-11191-00-94	COVER, cylinder head 1	1
2	6E9-15100-00-94	CRANKCASE ASSY	1	23	6E9-11193-A0	GASKET, head cover 1	1
3	663-11518-01	.LOCK, bearing	2	24	97313-06020	BOLT	11
4	676-14485-00	.PIPE, joint	2	25	92990-06600	WASHER, plate	11
5	650-11370-00	.CHECK VALVE ASSY	1	26	90340-14036	PLUG, straight screw	1
6	624-14485-00	.PIPE, joint	1	27	90430-14115	GASKET	1
7	676-24312-00	PIPE 2	1	28	90480-18065	GROMMET	1
8	90467-06016	CLIP	2	29	663-12416-00	VALVE, pressure control	1
9	93608-12063	PIN, dowel	2	30	90501-14M02	SPRING, compression	1
10	90119-06M12	BOLT, with washer	9	31	6F5-12411-02	THERMOSTAT	1
11	90119-10M22	BOLT, with washer	6	32	6E9-12413-00-9M	COVER, thermostat	1
12	676-45251-00	ANODE	1	33	6E9-12414-A0	GASKET, cover	1
13	97395-06016	BOLT	1	34	97313-06030	BOLT	4
14	676-11325-00	ANODE	1	35	92990-06600	WASHER, plate	4
15	92780-06025	SCREW, flat head	1	36	676-41111-01-9M	INNER COVER, exhaust	1
16	6E9-11119-00	HANGER, engine	1	37	676-41112-A0	GASKET, exhaust inner cover	1
17	97313-08020	BOLT	2	38	676-41113-02-9M	OUTER COVER, exhaust	1
18	92990-08600	WASHER, plate	2	39	6E9-41114-A0	GASKET, exhaust outer cover	1
19	6E9-11111-00-94	HEAD, cylinder 1	1	40	650-24378-00	PIPE, joint 4	1
20	676-11181-A0	GASKET, cylinder head 1	1	41	6A0-24312-00	PIPE 2	1
21	90119-08M20	BOLT, with washer	11	42	97313-06025	BOLT	16
				43	92990-06600	WASHER, plate	16
				44	94702-00195	PLUG, spark (NGK BR8HS)	2

Fig. 2 CRANKSHAFT. PISTON

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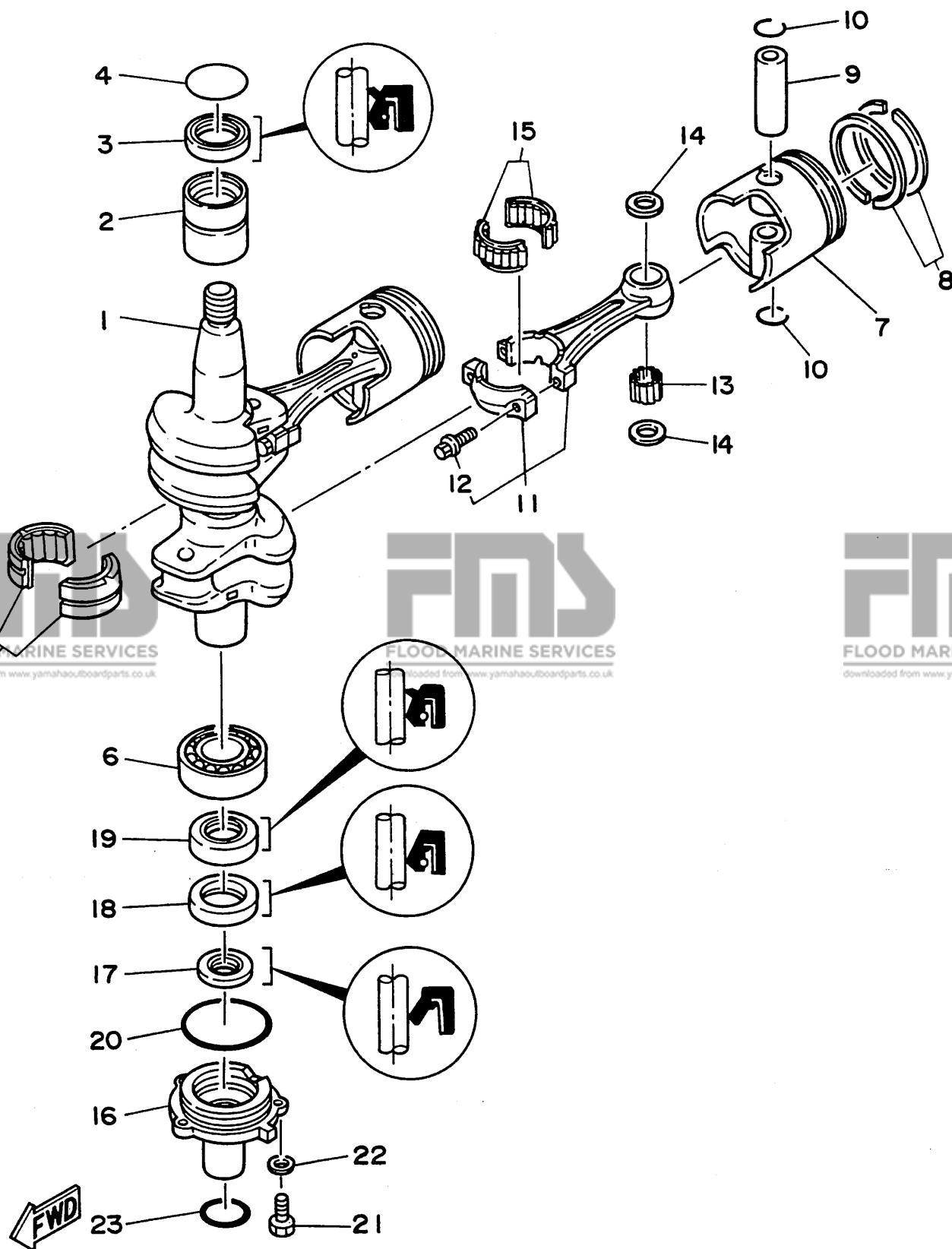
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Fig. 2 CRANKSHAFT. PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	676-11411-00	CRANKSHAFT	1	11	6E9-11650-01	CONNECTING ROD ASSY	2
2	93311-632U2	BEARING, cylindrical	1	12	90109-08M61	.BOLT	2
3	93102-32M07	OIL SEAL	1	13	93603-21111	PIN, dowel	56
4	93210-42159	O-RING	1	14	90201-20417	WASHER, plate	4
5	93311-832U4	BEARING, cylindrical	1	15	93310-730V6	BEARING, cylindrical	2
6	93306-206U4	BEARING	1	16	6E9-15396-01-9M	HOUSING, oil seal	1
7	6E9-11631-00-96	PISTON (STD)	2	17	93104-16M04	OIL SEAL	1
	6E9-11635-00	PISTON (0.25MM O/S)	2 AP	18	93101-28M19	OIL SEAL	1
	6E9-11636-00	PISTON (0.50MM O/S)	2 AP	19	93102-28M08	OIL SEAL	1
8	679-11610-00	PISTON RING SET (STD)	2	20	93210-62269	O-RING	1
	679-11610-10	PISTON RING SET (0.25MM O/S)	2 AP	21	97313-06016	BOLT	3
	679-11610-20	PISTON RING SET (0.50MM O/S)	2 AP	22	92990-06600	WASHER, plate	3
9	676-11633-00	PIN, piston	2	23	93210-22M02	O-RING	1
10	688-11634-00	CLIP, piston pin	4				

Fig. 3 INTAKE

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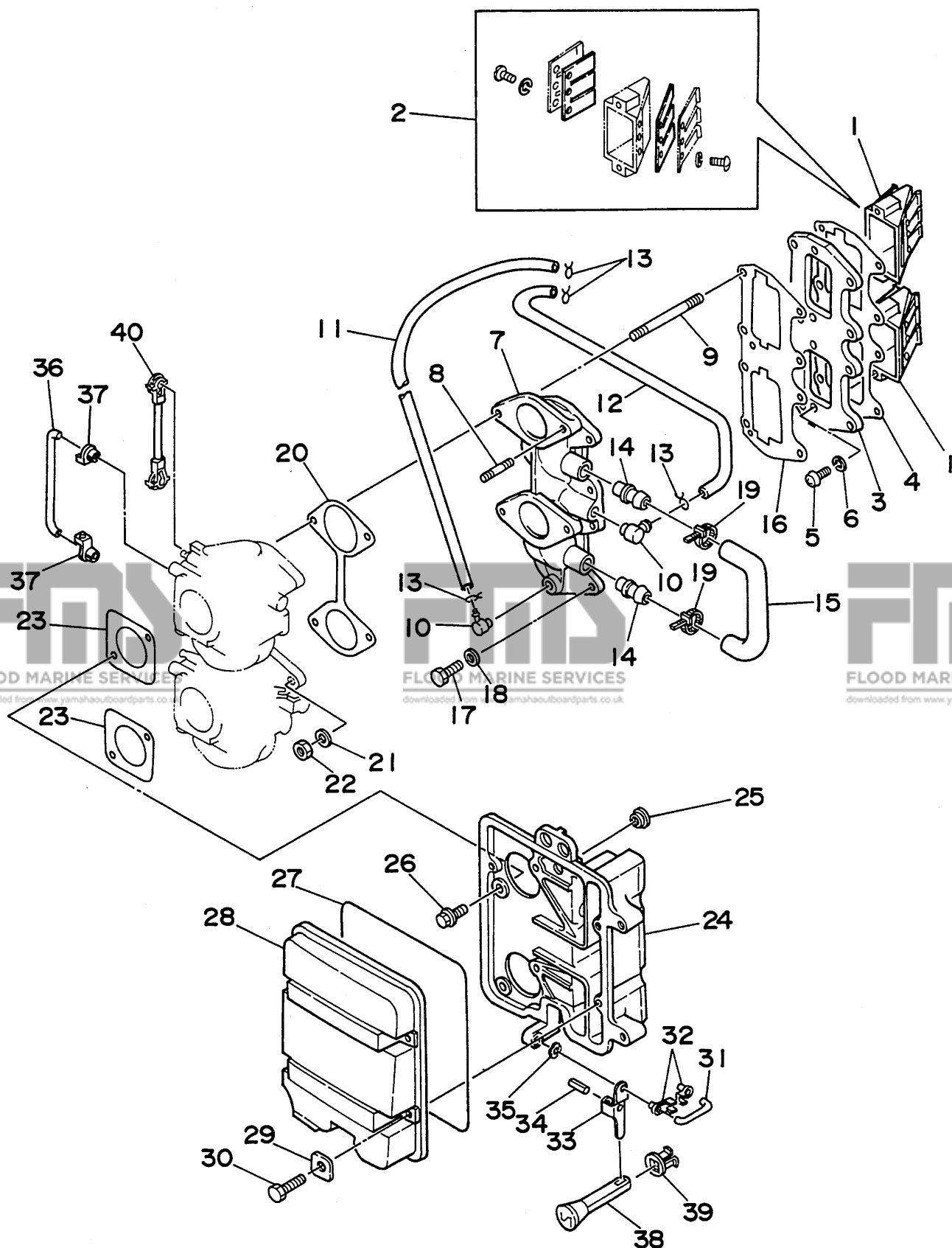
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Fig. 3 INTAKE

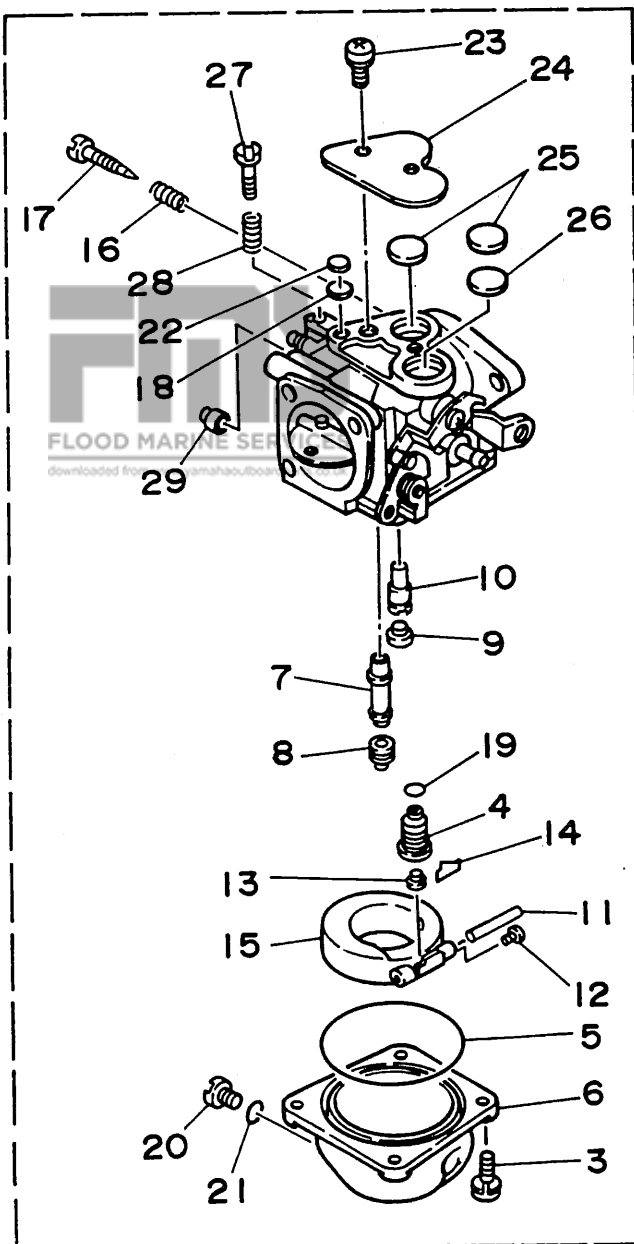
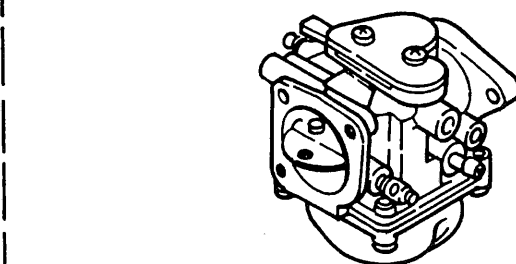
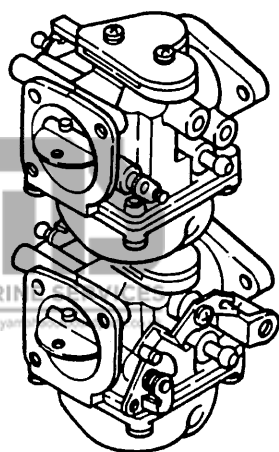
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A0-13610-00	REED VALVE ASSY	2	21	92990-06600	WASHER, plate	4
2	676-W0004-00	.REED SET	1	22	95380-06600	NUT	4
3	676-13642-00-94	MANIFOLD 2	1	23	6E9-14483-A0	GASKET	2
4	676-13646-A0	GASKET, manifold 2	1	24	6E9-14417-70-94	COVER 1	1
5	98580-05016	SCREW, pan head	4	25	90480-12M25	GROMMET (40QM/EM)	1
6	92990-05100	WASHER, spring	4	26	90105-06M14	BOLT, washer based	4
7	6E9-13641-00-94	MANIFOLD 1	1	27	6E9-14476-00	SEAL	1
8	90116-06122	BOLT, stud	2	28	6E9-14418-00	COVER 2	1
9	90116-06M15	BOLT, stud	2	29	90209-06M06	WASHER	4
10	650-11370-00	CHECK VALVE ASSY	2	30	97395-06016	BOLT	4
11	90445-07M45	HOSE	1	31	6E9-41256-00	ROD, choke 1	1
12	90445-07M44	HOSE	1	32	661-41262-02	JOINT, choke lever	2
13	90467-06016	CLIP	4	33	6E9-41252-00	LEVER, choke	1
14	6E9-14485-00	PIPE, joint	2	34	91690-40016	PIN, spring	1
15	6E9-24321-00	PIPE 10	1	35	90206-05005	WASHER, wave	1
16	676-13646-A0	GASKET, manifold 2	1	36	663-41257-02	ROD, choke 2	1
17	97313-06025	BOLT	6	37	661-41262-02	JOINT, choke lever	2
18	92990-06600	WASHER, plate	6	38	682-41271-00	KNOB, choke	1
19	90465-13M11	CLAMP	2	39	689-41273-00	GROMMET	1
20	6E9-14198-A0	GASKET	1	40	697-41217-01	ROD, accel. lever	1

Fig. 4 CARBURETOR

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Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E9-14301-02	CARBURETOR ASSY 1	1	16	679-14555-00	.SPRING	2
2	6E9-14302-02	CARBURETOR ASSY 2	1	17	692-14923-00	.SCREW, pilot	2
3	97980-04114	.SCREW, with washer	8	18	663-14527-00	.PLATE	2
4	6H3-14590-00	.NEEDLE VALVE ASSY	2	19	93210-04228	.O-RING	2
5	676-14984-00	.GASKET, float chamber	2	20	6H3-14992-00	.SCREW, drain	2
6	688-14980-00	.BODY, float chamber	2	21	93210-04230	.O-RING	2
7	6E9-14947-00	.JET, needle	2	22	663-14126-00	.GASKET	2
8	676-14943-41	.JET, main (#170)	2	23	97980-05310	.SCREW, with washer	4
9	676-14966-00	.CAP	2	24	688-14572-01	.SEAL	2
10	6E9-14948-17	.JET (#75)	2	25	688-14126-00	.GASKET	4
11	688-14548-00	.PIN, float arm	2	26	688-14527-00	.PLATE	2
12	98580-04008	.SCREW, pan head	2	27	6H1-14523-00	.SCREW, stop	1
13	676-14186-00	.PIN, float	2	28	90501-10326	.SPRING, compression	1
14	663-14159-00	.CLIP	2	29	6H2-14578-00	.COLLAR	1
15	676-14985-01	.FLOAT	2				

Fig. 5 STARTER (40QM/EM)

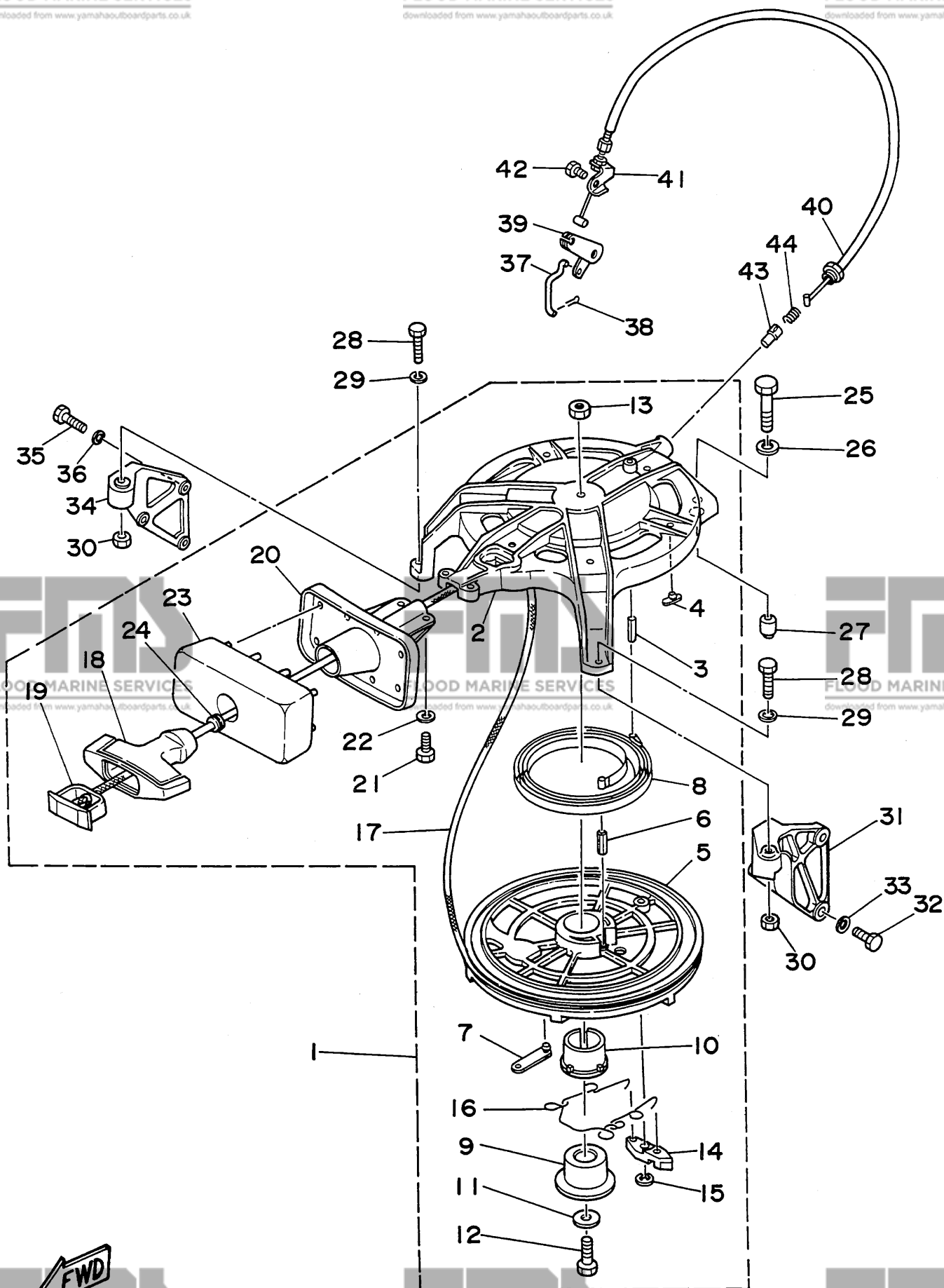


Fig. 5 STARTER (40QM/40QEM)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6R6-15710-00-1D	STARTER ASSY	1	25	97395-08040	BOLT	1
2	676-15711-01-94	.CASE, starter	1	26	92990-08100	WASHER, spring	1
3	91690-40020	.PIN, spring	1	27	99510-12016	PIN, dowel	1
4	676-15773-00	.STAY 3	6	28	97395-06030	BOLT	2
5	676-15714-00-94	.DRUM, sheave	1	29	92990-06100	WASHER, spring	2
6	91690-40020	.PIN, spring	1	30	95380-06600	NUT	2
7	676-15799-01	.CLIP	1	31	6E9-15771-40-94	STAY 1 (40QEM)	1 UR
8	90510-09M00	.SPRING, spiral	1		6E9-15771-00-94	STAY 1 (40QM)	1 UR
9	676-15717-00	.SHAFT, starter	1	32	90105-08M22	BOLT, washer based (40QEM)	3 UR
10	90386-35M01	.BUSH	1		97313-08030	BOLT (40QM)	3 UR
11	90201-08309	.WASHER, plate	1	33	92990-08100	WASEHR, spring (40QEM)	3 UR
12	97013-08025	.BOLT	1		92990-08600	WASEHR, plate (40QM)	3 UR
13	95303-08600	.NUT	1	34	676-15772-00-94	STAY 2	1
14	676-15741-03	.PAWL, drive	1	35	97313-06025	BOLT	3
15	93430-06M02	.CIRCLIP	1	36	92990-06600	WASHER, plate	3
16	676-15705-00	.SPRING, drive pawl	1	37	676-15747-01	LINK	1
17	*	.WIRE (L:2095MM)	1	38	91490-16010	PIN, cotter	1
18	689-15755-01	.HANDLE, starter	1	39	676-15746-00	ARM	1
19	6F5-15779-02	.COVER	1	40	676-15770-00	CABLE COMP., starter stop	1
20	6R6-15758-00-1D	.GUIDE, rope	1	41	6A0-15774-00	STAY 4	1
21	97395-06016	.BOLT	2	42	97013-06012	BOLT	1
22	92990-06600	.WASHER, plate	2	43	656-15748-00	PLUNGER, starter stop	1
23	6A0-15762-00	.SEAL, rubber 2	1	44	90501-10227	SPRING, compression	1
24	6A0-15789-00	.DAMPER	1				

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

Fig. 6 FUEL I

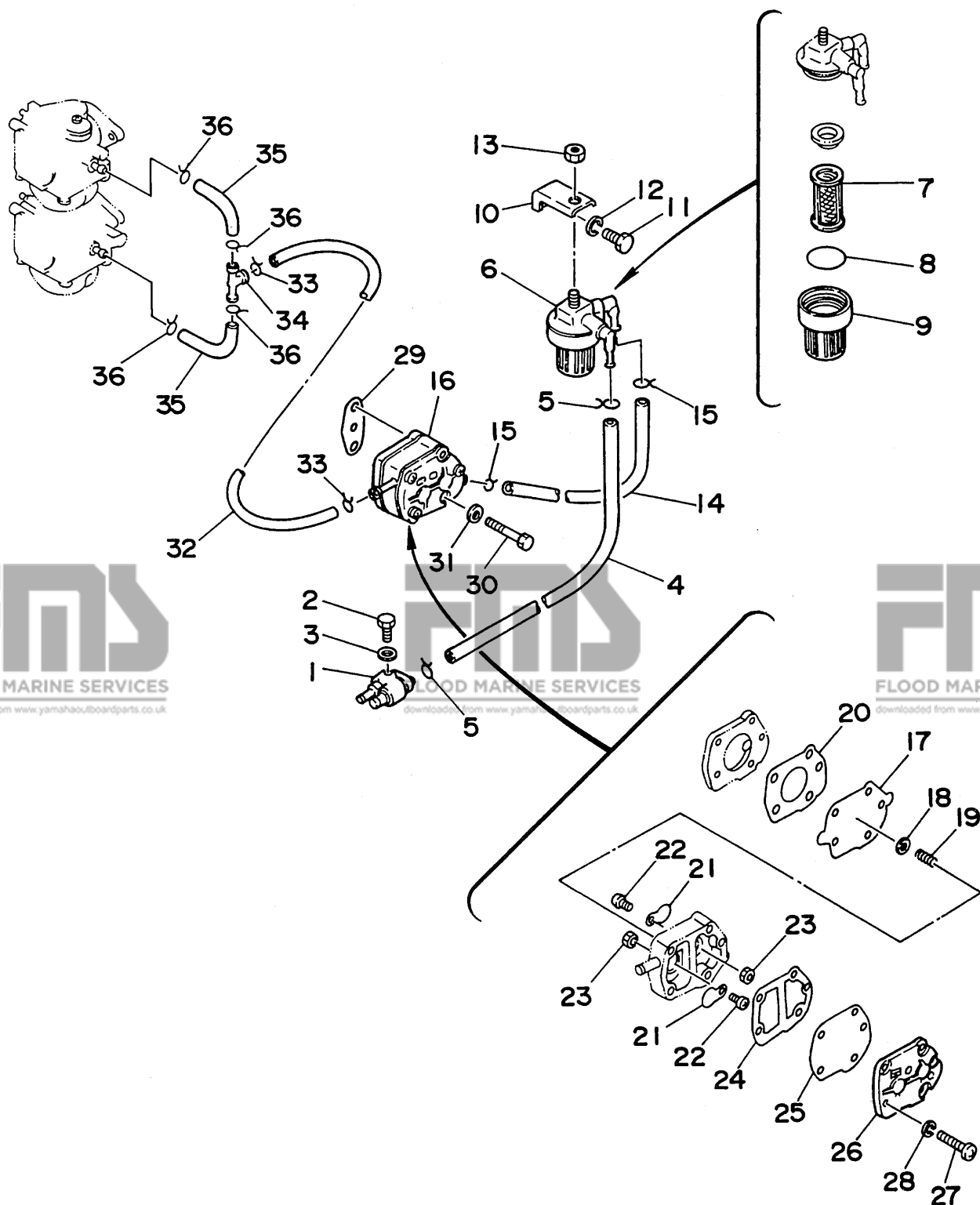


Fig. 6 FUEL 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G1-24304-02	FUEL PIPE JOINT COMP. 1	1	19	648-24423-00	.SPRING, diaphragm	1
2	97395-06020	BOLT	1	20	648-24434-01	.GASKET, body	1
3	92990-06600	WASHER, plate	1	21	6A0-24421-01	.VALVE, check	2
4	90445-09252	HOSE	1	22	6A0-14325-00	.SCREW, pan head	2
5	90467-08004	CLIP	2	23	95380-03600	.NUT	2
6	655-24560-01	FILTER ASSY	1	24	648-24435-02	.GASKET, body 2	1
7	6F5-24563-00	.ELEMENT, filter	1	25	663-24411-00	.DIAPHRAGM	1
8	93210-37M25	.O-RING	1	26	648-24413-01	.BODY 2	1
9	655-24521-01	.CUP, filter	1	27	98580-05530	.SCREW, pan head	3
10	648-24566-01	BRACKET, filter	1	28	92990-05100	.WASHER, spring	3
11	97313-06016	BOLT	1	29	650-24431-A0	GASKET, fuel pump 1	1
12	92990-06100	WASHER, spring	1	30	97395-06040	BOLT	2
13	95380-08600	NUT	1	31	92990-06600	WASHER, plate	2
14	676-24311-00	PIPE, fuel 1	1	32	6E9-24313-00	PIPE 3	1
15	90467-08004	CLIP	2	33	90467-08004	CLIP	2
16	6A0-24410-05	FUEL PUMP ASSY	1	34	688-24378-00	PIPE, joint 4	1
17	648-24411-00	.DIAPHRAGM	1	35	90445-09012	HOSE	2
18	648-24424-00	.SEAT, spring	1	36	90467-08004	CLIP	4

Fig. 7 TOP COWLING

40QM/40QEM

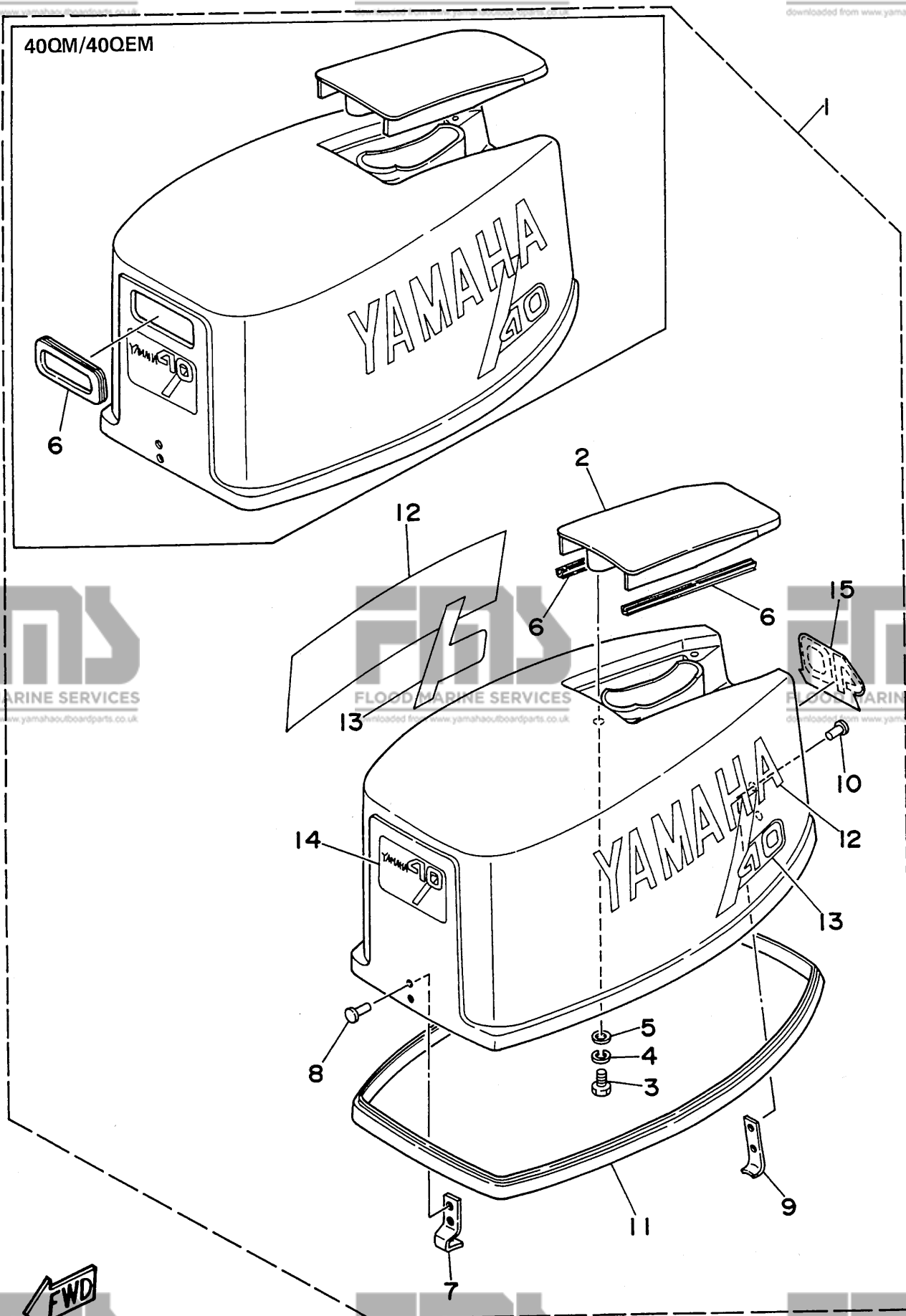


Fig. 7 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6R6-42610-80-1D	TOP COWLING ASSY (40QE)	1 UR	7	6E9-42651-01	.HOOK	1
	6R6-42610-S0-1D	TOP COWLING ASSY (40QM/EM)	1 UR	8	90266-04M04	.RIVET	2
2	6E9-42613-40-1D	.MOLDING, air duct (40QE)	1 UR	9	6A0-42652-00	.HOOK	1
	6A0-42613-00-1D	.MOLDING, air duct (40QM/EM)	1 UR	10	90266-04M01	.RIVET	2
3	97395-06016	.BOLT	3	11	6E9-42615-00	.SEAL	1
4	92990-06100	.WASHER, spring	3	12	6R6-42681-B0	.MARK, cowling	2
5	92990-06600	.WASHER, plate	3	13	6R6-W0070-B0	.GRAPHIC SET	1
6	6E9-42628-00	.SEAL (40QE)	2 UR	14	6R6-42677-B0	.GRAPHIC, front	1
	6A0-15761-00	.SEAL, rubber (40QM/EM)	1 UR	15	6R6-42678-B0	.GRAPHIC, rear	1

Fig. 8 BOTTOM COWLING

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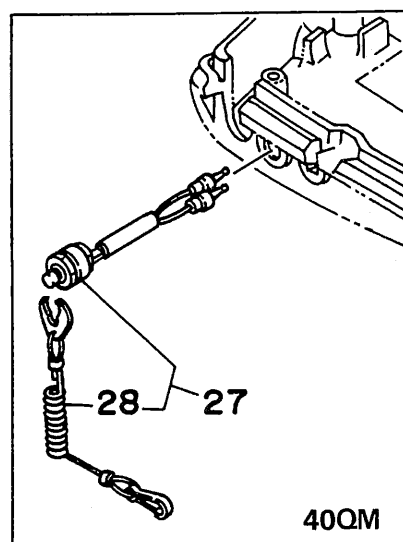
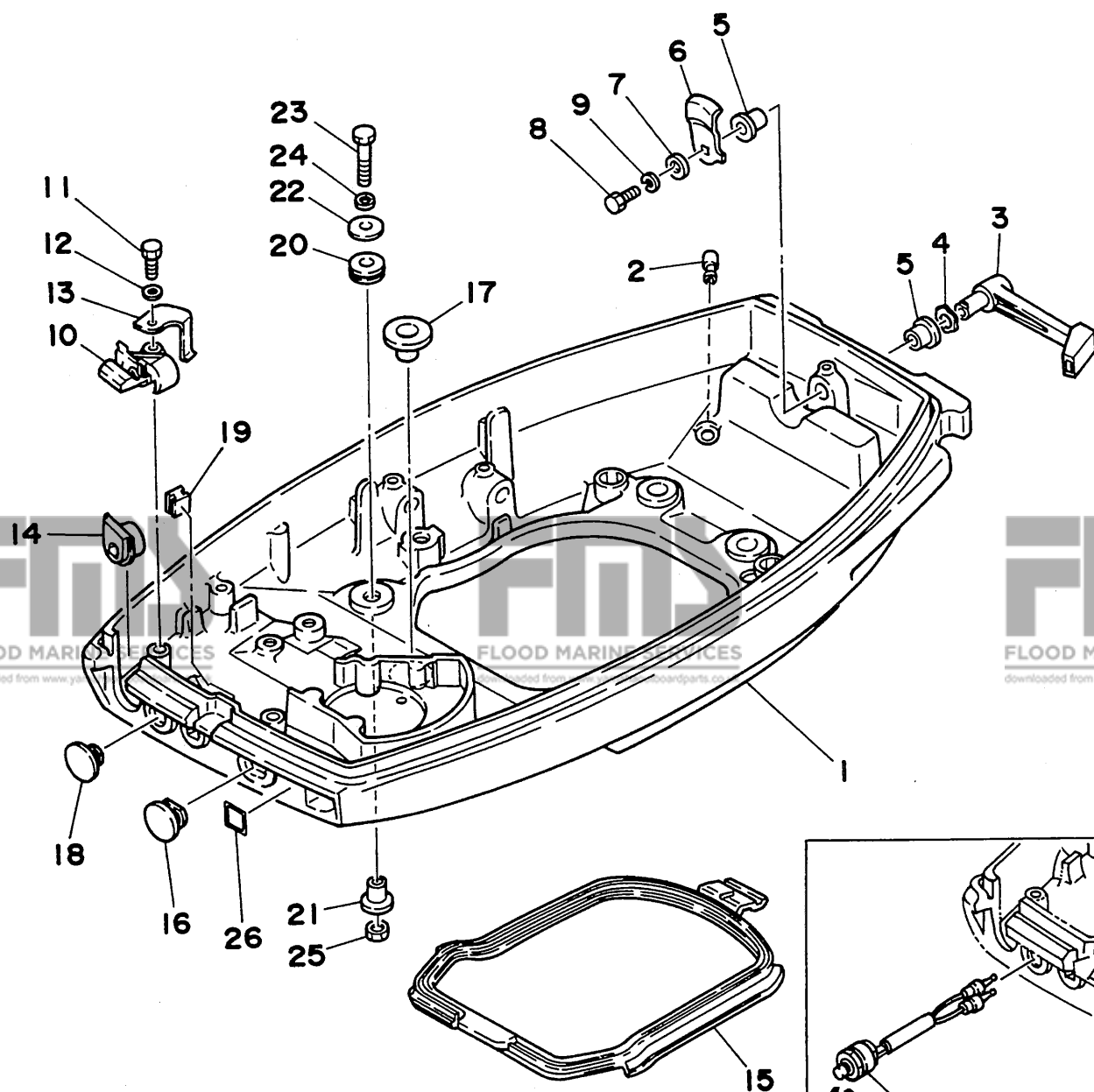
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Fig. 8 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A0-42711-02-1D	COWLING, bottom	1	16	676-42726-00	GROMMET	1
2	676-24376-01	PIPE, joint 1	1	17	676-42727-00	GROMMET	1
3	676-42815-00-1D	LEVER, clamp	1	18	90480-17165	GROMMET (40QE/EM)	1 UR
4	90206-12052	WASHER, wave	1	19	676-42724-40	GROMMET (40QE)	1 UR
5	90386-12069	BUSH	2		676-26326-00	GROMMET (40QM/EM)	1 UR
6	682-42816-00	LEVER, clamp	1	20	90480-09M21	GROMMET	4
7	90201-06M02	WASHER, plate	1	21	90387-06M41	COLLAR	4
8	97313-06010	BOLT	1	22	90201-06416	WASHER, plate	4
9	92990-06100	WASHER, spring	1	23	97313-06030	BOLT	4
10	6A0-42738-00-94	PLATE, fitting	1	24	92990-06600	WASHER, plate	4
11	97313-06030	BOLT	1	25	95380-06600	NUT	4
12	92990-06600	WASHER, plate	1	26	6A1-42792-01	MARK (100:1)	1 AP
13	90465-06M15	CLAMP (40QE/EM)	1 UR	27	6E9-82575-01	ENGINE STOP SWITCH ASSY (40QM)	1
14	6A0-42726-00	GROMMET (40QE/EM)	1 UR	28	682-82556-00	.STOPPER	1
	6A0-42724-00	GROMMET (40QM)	1 UR				
15	6E9-42716-00	RUBBER, seal 1	1				

Fig. 9 BRACKET I

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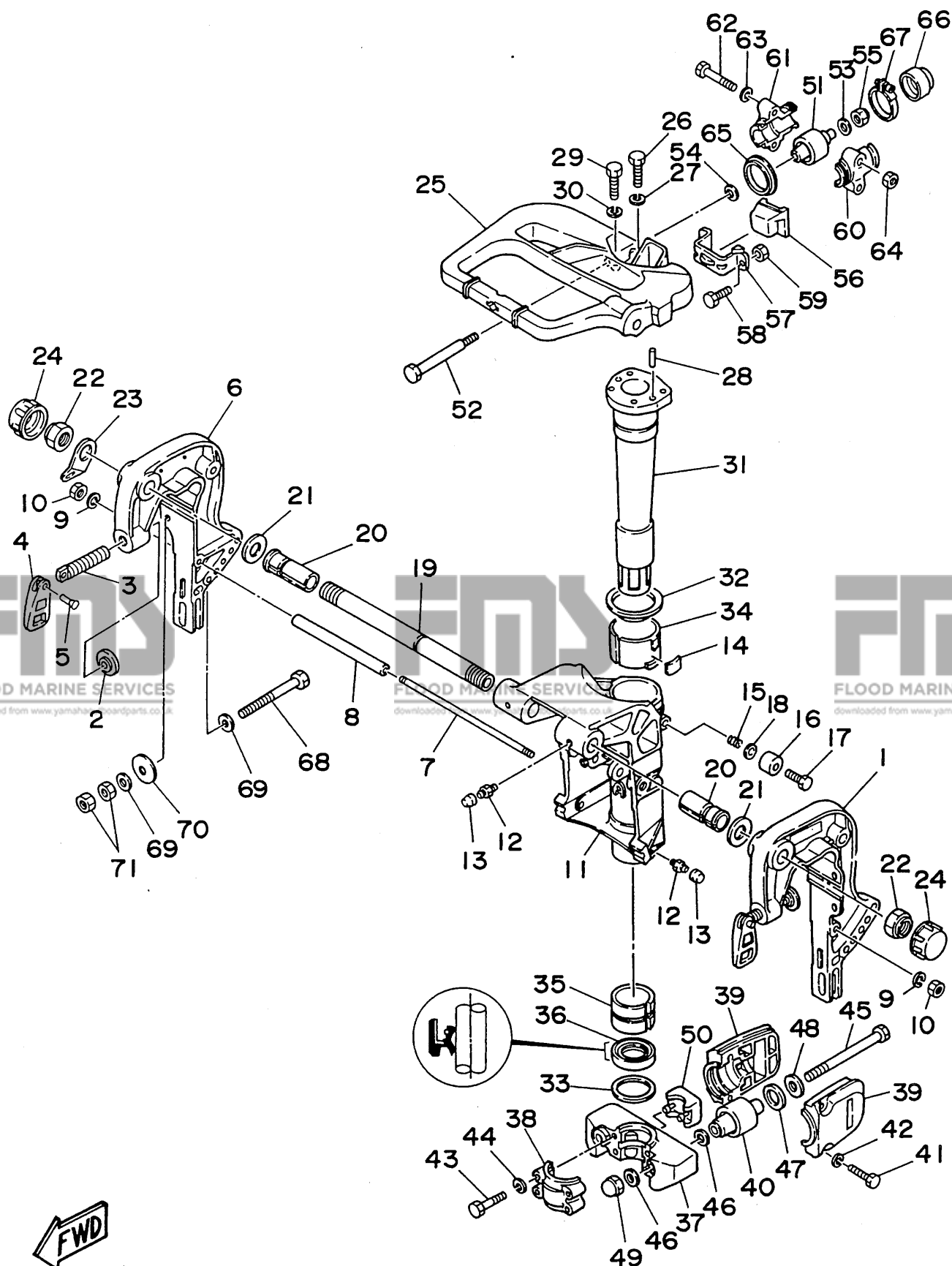
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Fig. 9 BRACKET 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	676-43111-03-1D	BRACKET, clamp	1	37	676-44551-00-1D	HOUSING, lower mount rubber	1
2	648-43114-01	PAD, transom clamp	2	38	676-44552-00-1D	HOUSING, lower mount rubber	1
3	676-43116-00	SCREW, transom clamp	2	39	676-44553-00-1D	COVER, lower mount	2
4	663-43118-00-1D	HANDLE, transom clamp	2	40	679-44555-00-94	MOUNT DAMPER, lower side	2
5	90243-04007	PIN	2	41	97395-08030	BOLT	4
6	676-43112-04-1D	BRACKET, clamp	1	42	92990-08100	WASHER, spring	4
7	90116-08M00	BOLT, stud	1	43	97395-08045	BOLT	4
8	90387-08M02	COLLAR	1	44	92990-08100	WASHER, spring	4
9	92990-08100	WASHER, spring	2	45	90101-12M01	BOLT	2
10	95380-08600	NUT	2	46	90201-12M16	WASHER, plate	4
11	676-43311-01-1D	BRACKET, swivel	1	47	90202-21100	WASHER, plate	2
12	93700-06M03	NIPPLE, grease	4	48	90201-13M11	WASHER, plate	2
13	663-45119-00	CAP, grease nipple	4	49	95380-12800	NUT, crown	2
14	648-42528-00	PLATE, friction	1	50	676-44575-00	DAMPER, lower mount rubber	1
15	90501-18M00	SPRING, compression	1	51	679-44514-00-94	MOUNT DAMPER, upper side	2
16	676-43373-00	SEAL, damper	1	52	90101-08M02	BOLT	2
17	97395-08025	BOLT	1	53	90201-08M08	WASHER, plate	2
18	92990-08600	WASHER, plate	1	54	90201-09M00	WASHER, plate	2
19	6J8-43131-01	BOLT, clamp bracket	1	55	95780-08300	NUT, flange	2
20	90386-22M15	BUSH	2	56	676-44533-00	DAMPER, upper mount rubber	1
21	90201-22428	WASHER, plate	2	57	676-44518-00	BRACKET COMP.	1
22	90185-22043	NUT, self-locking	2	58	97395-06025	BOLT	2
23	6J8-43113-01	PLATE, clamp bracket	1	59	95380-06600	NUT	2
24	665-43145-00	CAP, clamp bracket	2	60	676-44511-00-94	COVER, upper mount	2
25	676-42511-01-1D	BRACKET, steering	1	61	676-44512-00-94	COVER, upper mount	2
26	97395-08030	BOLT	2	62	97395-08050	BOLT	4
27	92990-08100	WASHER, spring	2	63	92990-08600	WASHER, plate	4
28	93608-12063	PIN, dowel	2	64	95380-08600	NUT	4
29	97090-08035	BOLT	2	65	676-44521-00	SEAL	2
30	92990-08100	WASHER, spring	2	66	676-44522-01	SEAL	2
31	676-42521-00-94	SHAFT, steering pivot	1	67	90460-42M00	CLAMP, hose	2
32	90209-52M00	WASHER	1	68	90101-10M58	BOLT	4
33	90201-44M01	WASHER, plate	1	69	92995-10600	WASHER	8
34	90386-52M02	BUSH	1	70	90201-12426	WASHER, plate	4
35	90386-44M03	BUSH	1	71	95380-10600	NUT	8
36	93109-44M00	OIL SEAL	1				

Fig. 10 BRACKET 2

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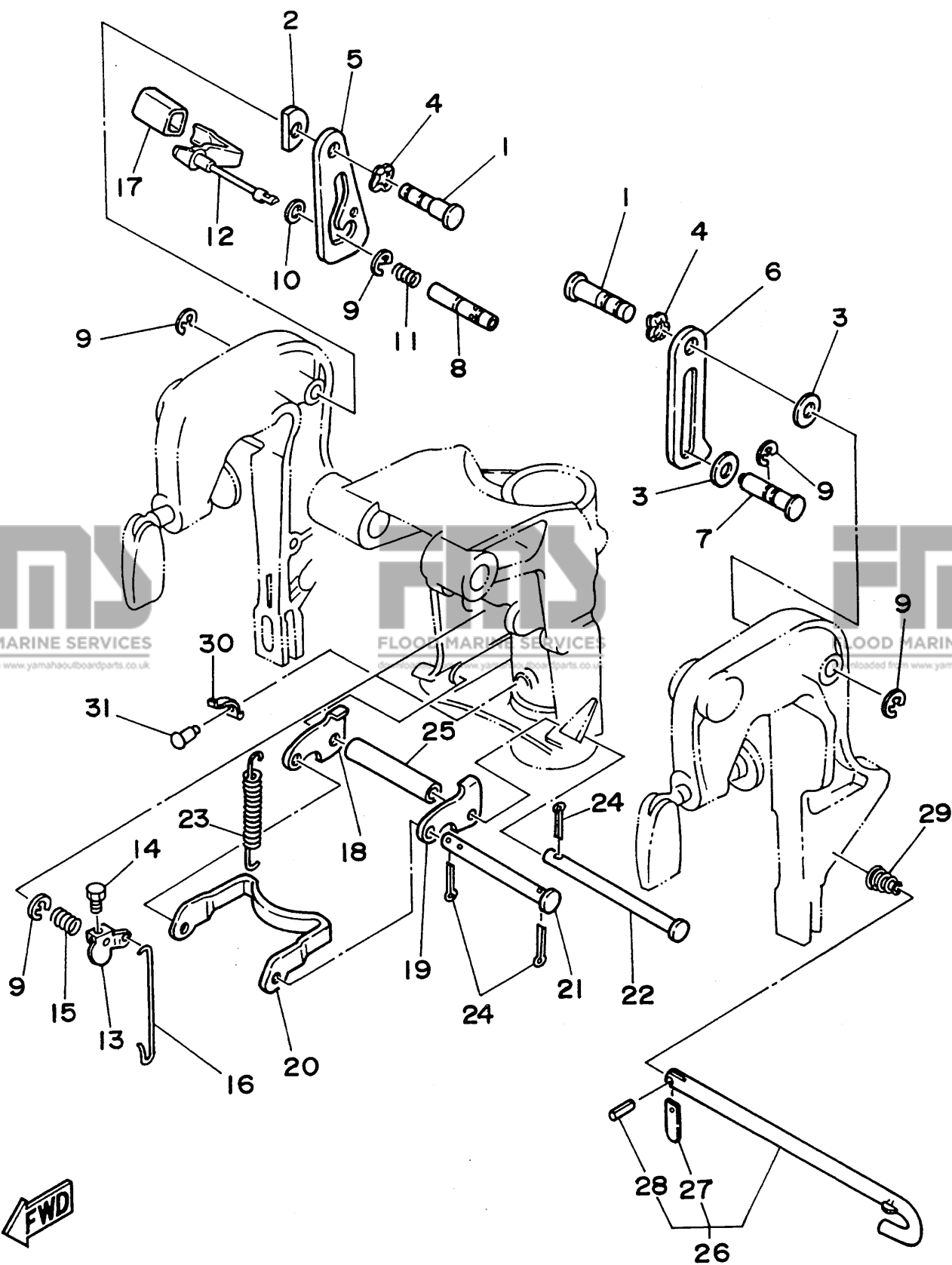
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Fig. 10 BRACKET 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	90249-12M27	PIN	2	17	663-43318-00	COVER	1
2	676-43132-00	WASHER, friction	1	18	676-43614-00	PLATE, tilt lock	1
3	90202-12M01	WASHER, plate	2	19	676-43615-00	PLATE, tilt lock	1
4	90206-12M00	WASHER, wave	2	20	676-43613-00	ARM, tilt lock	1
5	6F5-43627-80	STOPPER	1	21	90249-07M01	PIN	1
6	6F5-43628-80	STOPPER	1	22	90249-07M02	PIN	1
7	90249-12M13	PIN	1	23	90506-30M00	SPRING, tension	2
8	676-43191-00	SHAFT, stopper	1	24	91490-20015	PIN, cotter	4
9	93430-10M00	CIRCLIP	5	25	90387-07M04	COLLAR	1
10	90202-06M00	WASHER, plate	1	26	676-43160-02	TILT ROD ASSY	1
11	90501-14M05	SPRING, compression	1	27	676-43165-00	.PLATE, tilt lock	1
12	6F5-43630-80	TILT LEVER ASSY	1	28	91690-30010	.PIN, spring	1
13	676-43631-00	LEVER, tilt	1	29	90502-10M04	SPRING, conical	1
14	97395-05010	BOLT	1	30	676-43643-00	SPRING	1
15	90508-14M00	SPRING, torsion	1	31	90269-04M00	RIVET	1
16	676-43616-00	ROD, tilt lock	1				

Fig. 11 CONTROL

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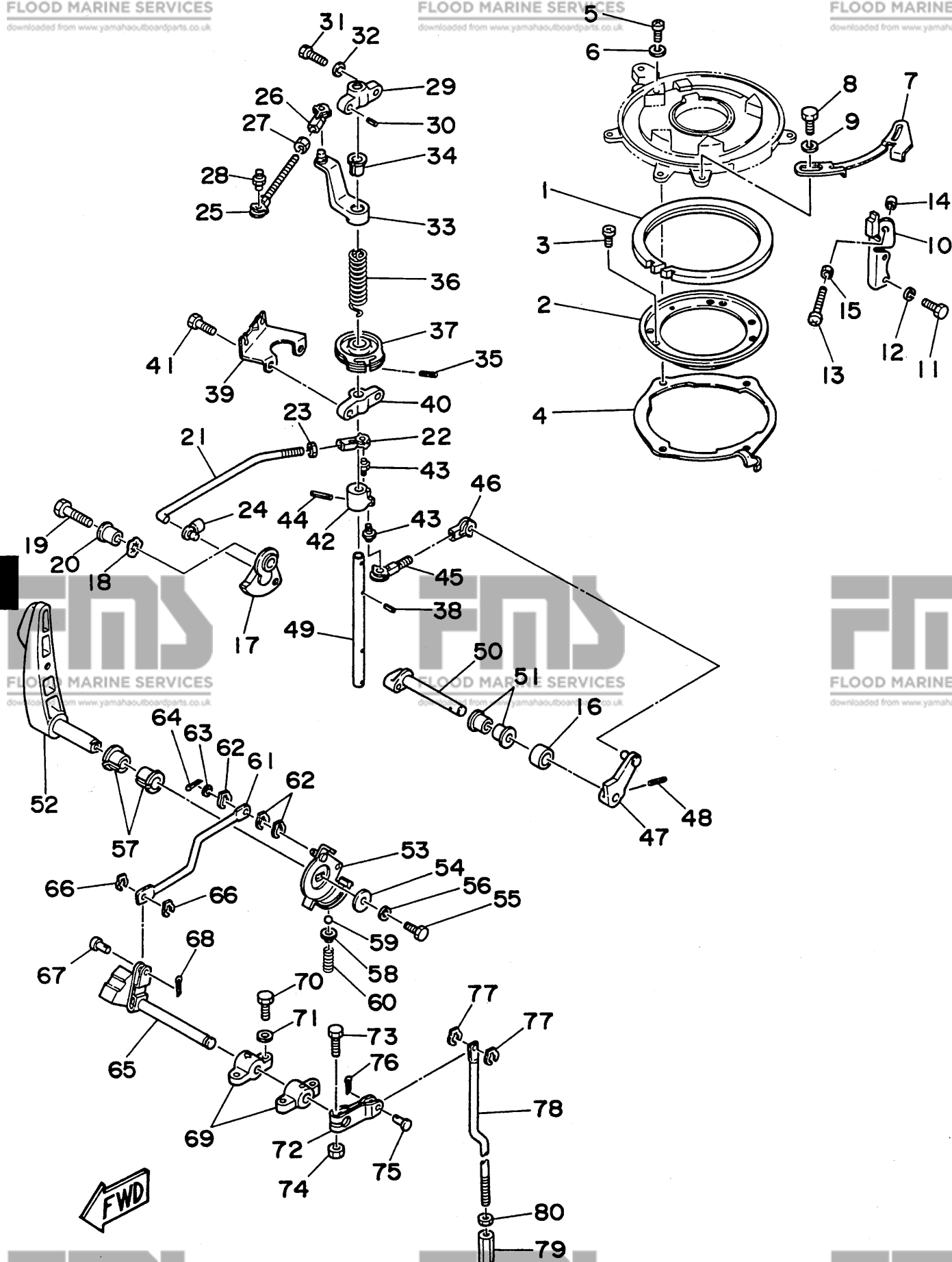
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Fig. 11 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	676-41611-00	RETAINER, magneto base	1	41	97395-06020	BOLT	2
2	689-41612-01	RETAINER, magneto base	1	42	6E9-41632-00-94	LEVER, magneto control	1
3	98580-06012	SCREW, pan head	4	43	663-85518-00	JOINT, ball	2
4	676-41613-00	PLATE, base friction	1	44	91690-30018	PIN, spring	1
5	98580-05012	SCREW, pan head	4	45	679-41241-01	ROD, link	1
6	92990-05100	WASHER, spring	4	46	6H1-41237-00	JOINT, link	1
7	6E9-41615-00	STOPPER, magneto base	1	47	676-42154-00-94	LEVER, throttle control	1
8	97313-06010	BOLT	2	48	91690-40022	PIN, spring	1
9	92990-06600	WASHER, plate	2	49	676-41635-00	SHAFT, link connecting	1
10	679-41606-00	STOPPER MAGNETO BASE COMP. 2	1	50	676-42153-01-94	SHAFT, throttle control	1
11	97313-06016	BOLT	2	51	90386-10009	BUSH	2
12	92990-06100	WASHER, spring	2	52	6A0-44111-00-1D	HANDLE, gear shift	1
13	90157-06M00	SCREW, pan head	1	53	6A0-44113-00	CAM PLATE, handle	1
14	663-44194-00	CAP	1	54	90201-06M02	WASHER, plate	1
15	95380-06700	NUT	1	55	97395-06012	BOLT	1
16	90387-10M01	COLLAR (40QE)	1	56	92990-06100	WASHER, spring	1
17	6E9-41213-01	CAM, accel.	1	57	90386-13M38	BUSH	2
18	90206-10M04	WASHER, wave	1	58	676-42715-00	BUSHING	1
19	97395-06030	BOLT	1	59	93505-16024	BALL	1
20	90387-06M29	COLLAR	1	60	90501-12274	SPRING, compression	1
21	6E9-41211-00	LINK, accel.	1	61	6E9-44142-00	JOINT 1	1
22	6H1-41237-00	JOINT, link	1	62	676-44188-00	WASHER	3
23	95380-05600	NUT	1	63	92990-05600	WASHER, plate	1
24	6R5-41237-00	JOINT, link	1	64	91490-16010	PIN, cotter	1
25	682-41238-01	JOINT, link	1	65	6E9-44119-00	SHAFT, change	1
26	682-41237-00	JOINT, link	1	66	676-44188-00	WASHER	2
27	95380-05600	NUT	1	67	91790-05014	PIN, clevis	1
28	663-85518-00	JOINT, ball	1	68	91490-16010	PIN, cotter	1
29	676-41661-00	BRACKET	1	69	676-41662-00	BRACKET	2
30	91690-40010	PIN, spring	1	70	97313-06020	BOLT	4
31	97395-06020	BOLT	1	71	92990-06600	WASHER, plate	4
32	92990-06600	WASHER, plate	1	72	676-44121-01	LEVER, shift rod	1
33	676-41631-00-94	LEVER, magneto control	1	73	97313-06020	BOLT	1
34	90386-10009	BUSH	1	74	95313-06700	NUT	1
35	91690-30018	PIN, spring	1	75	91790-05014	PIN, clevis	1
36	90508-20M01	SPRING, torsion	1	76	91490-16010	PIN, cotter	1
37	679-41638-00	PULLEY	1	77	676-44188-00	WASHER	2
38	91690-30018	PIN, spring	1	78	676-44143-00	ROD, shift	1
39	676-14497-00	STAY, throttle wire	1	79	648-44146-00	CONNECTOR, shift rod	1
40	676-41662-00	BRACKET	1	80	90170-07021	NUT	1

Fig. 12 STEERING

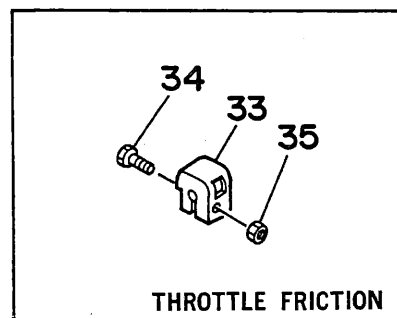
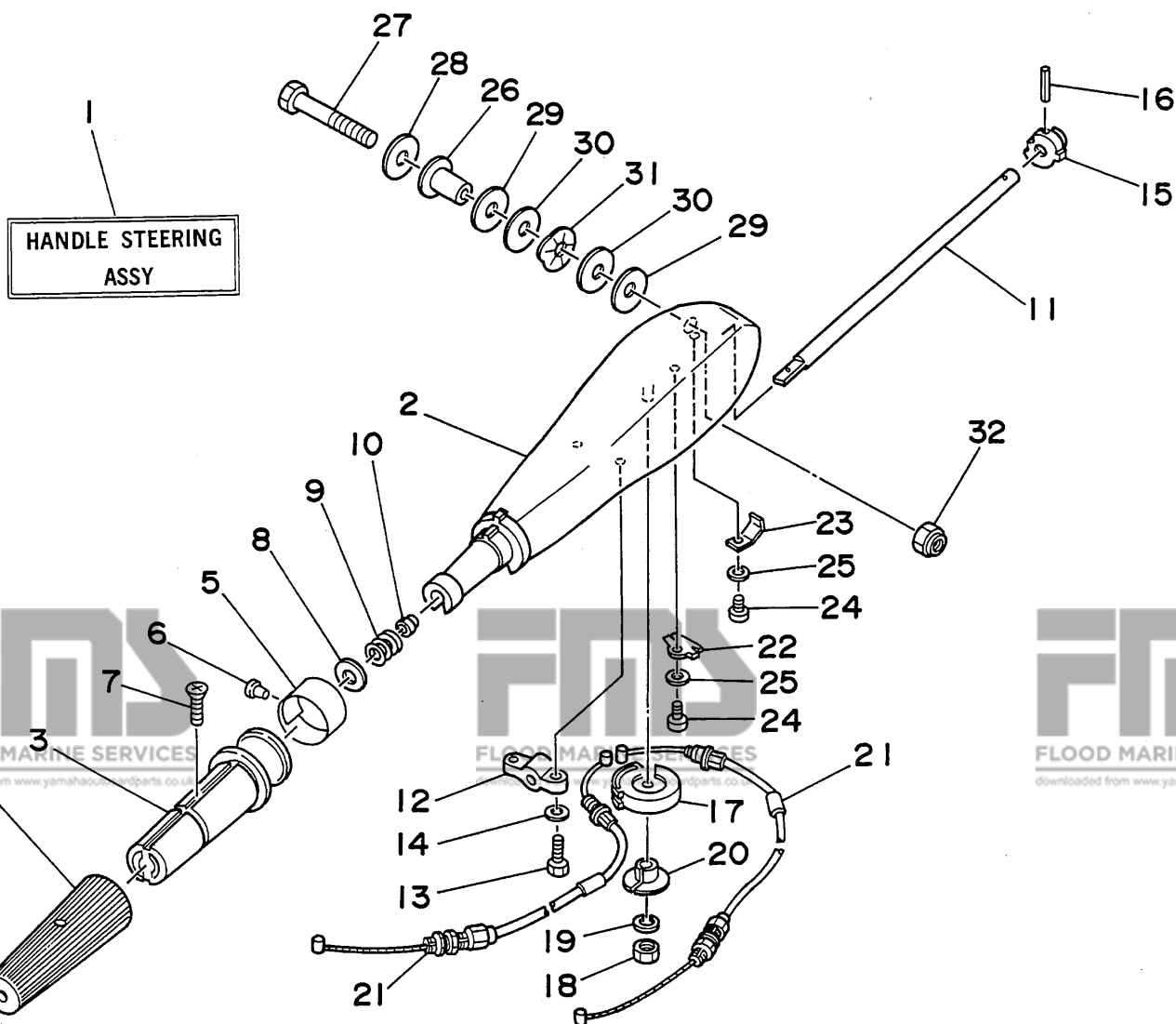


Fig. 12 STEERING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6R6-W0084-01-1D	HANDLE STEERING ASSY (Ref.No. 2 to 35)	1	18	95380-06600	NUT	1
2	676-42111-01-1D	HANDLE, steering	1	19	92990-06100	WASHER, spring	1
3	664-42119-00	GRIP, steering handle	1	20	90386-08M00	BUSH	1
4	6G1-42177-00	RUBBER, handle	1	21	6E9-26311-00	CABLE, throttle 1	2
5	6R6-42137-00	INDICATOR, throttle	1	22	676-26391-00	CLIP, cable	1
6	90269-02M09	RIVET	1	23	676-26392-00	CLIP, cable 2	1
7	90149-05M13	SCREW	1	24	97395-05010	BOLT	2
8	92990-10600	WASHER, plate	1	25	92990-05600	WASHER, plate	2
9	90501-23215	SPRING, compression	1	26	90386-12089	BUSH	1
10	90386-08032	BUSH	1	27	90101-12M37	BOLT	1
11	676-42115-00	SHAFT, steering handle	1	28	92990-12200	WASHER, plain	1
12	676-42159-00	STAY	1	29	90202-12092	WASHER, plate	2
13	97395-06020	BOLT	2	30	90201-12537	WASHER, plate	2
14	92990-06600	WASHER, plate	2	31	90206-12054	WASHER, wave	1
15	650-42152-00-94	GEAR	1	32	90185-12058	NUT, self-locking	1
16	91690-30025	PIN, spring	1	33	656-42126-01	FRICTION, steering handle grip	1
17	676-42151-00-94	PINION	1	34	97395-06020	BOLT	1
				35	90185-06062	NUT, self locking	1

Fig. 13 UPPER CASING

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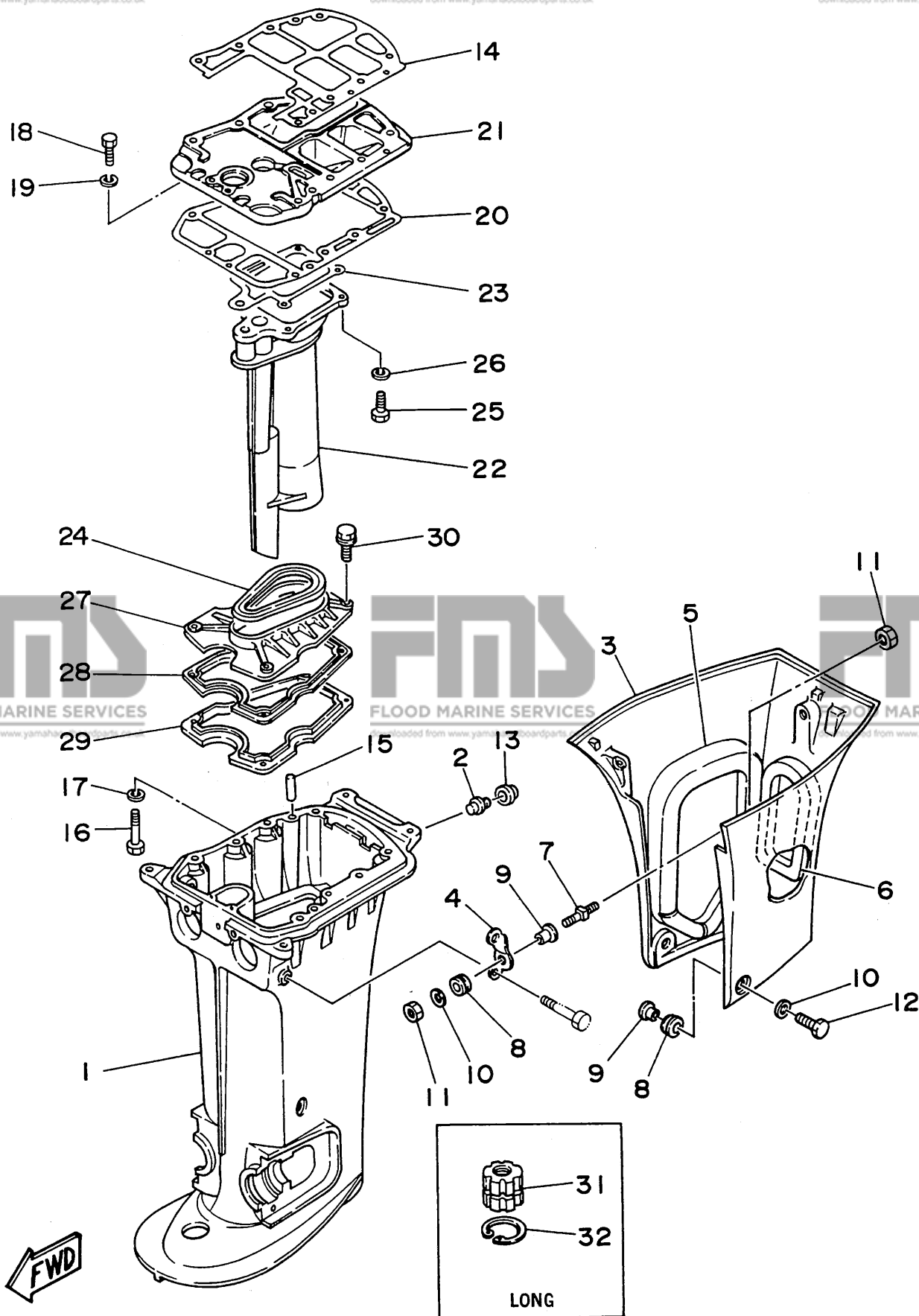
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Fig. 13 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A0-45111-11-1D	CASING, upper (Long)	1 UR	17	92990-08100	WASHER, spring	8
	6A0-45111-01-1D	CASING, upper (Short)	1 UR	18	97395-06025	BOLT	3
2	6A0-42761-00	STOPPER	1	19	92990-06100	WASHER, spring	3
3	6A0-42741-00-1D	APRON	1	20	676-45114-A0	GASKET, upper casing	1
4	6A0-42744-00	STAY	2	21	676-41137-03-94	GUIDE, exhaust	1
5	6A0-42768-00	DAMPER	2	22	6E9-41131-00-5B	MANIFOLD, ext. 1	1
6	6A0-42769-00	SEAL, rubber	1	23	676-41133-A0	GASKET,exhaust manifold 1	1
7	6A0-42742-00	BOLT	2	24	676-45127-00	SEAL	1
8	90480-12M11	GROMMET	4	25	97395-06020	BOLT	4
9	6A0-42758-00	OLLAR	4	26	92990-06100	WASHER, spring	4
10	90201-06M31	WASHER, plate	4	27	676-41116-00-5B	PROTECTOR	1
11	95380-06600	NUT	4	28	676-45128-00	SEAL 2	1
12	97395-06022	BOLT	2	29	676-45126-00-5B	PLATE, seal damper	1
13	663-42662-00	DAMPER	1	30	90105-06M01	BOLT, washer based	4
14	676-45113-A0	GASKET, upper casing	1	31	6A0-45318-00	BUSHING, drive shaft (Long)	1
15	93606-25M00	PIN, dowel	2	32	93420-36M01	CIRCLIP (Long)	1
16	97395-08040	BOLT	8				

Fig. 14 LOWER CASING. DRIVE I

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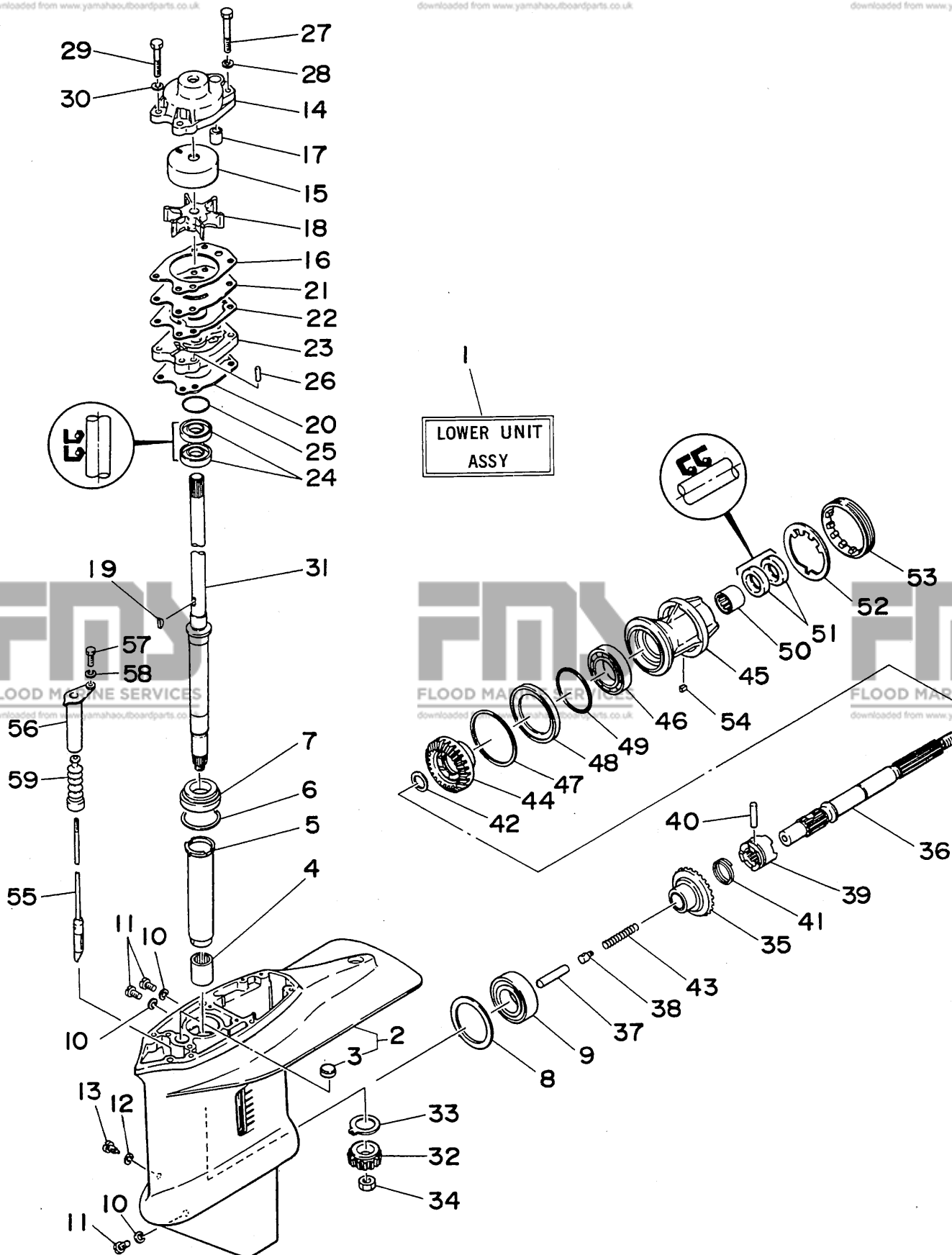


Fig. 14 LOWER CASING. DRIVE 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E9-45300-11-1D	LOWER UNIT ASSY (Long) (Ref.No. 2 to 59)	1 UR	27	97395-08055	BOLT	2
	6E9-45300-01-1D	LOWER UNIT ASSY (Short) (Ref.No. 2 to 59)	1 UR	28	92990-08600	WASHER, plate	2
2	679-W4531-01-1D	CASING, lower	1	29	97395-08045	BOLT	2
3	90338-22168	.PLUG	1	30	92990-08600	WASHER, plate	2
4	93315-32224	BEARING, cylindrical	1	31	679-45501-10	DRIVE SHAFT COMP. (Long)	1 UR
5	679-45536-00	SLEEVE, drive shaft	1		679-45501-00	DRIVE SHAFT COMP. (Short)	1 UR
6	663-45587-01-10	SHIM (T:0.10MM)	1 UR	32	6H9-45551-00	PINION	1
	663-45587-01-12	SHIM (T:0.12MM)	1 UR	33	663-45552-00	BEARING, plain	1
	663-45587-01-15	SHIM (T:0.15MM)	1 UR	34	90170-12138	NUT	1
	663-45587-01-18	SHIM (T:0.18MM)	1 UR	35	679-45560-00	GEAR	1
	663-45587-01-30	SHIM (T:0.30MM)	1 UR	36	679-45611-01	SHAFT, propeller	1
	663-45587-01-40	SHIM (T:0.40MM)	1 UR	37	676-45635-00	PLUNGER, shift	1
	663-45587-01-50	SHIM (T:0.50MM)	1 UR	38	663-45634-00	SLIDE, shift	1
7	93332-00001	BEARING	1	39	663-45631-01	CLUTCH, dog	1
8	663-45567-01-10	SHIM (T:0.10MM)	1 UR	40	90250-06023	PIN, straight	1
	663-45567-01-12	SHIM (T:0.12MM)	1 UR	41	663-45633-00	RING, cross pin	1
	663-45567-01-15	SHIM (T:0.15MM)	1 UR	42	90201-22429	WASHER, plate	1
	663-45567-01-18	SHIM (T:0.18MM)	1 UR	43	90501-16M01	SPRING, compression	1
	663-45567-01-30	SHIM (T:0.30MM)	1 UR	44	679-45571-00	GEAR	1
	663-45567-01-40	SHIM (T:0.40MM)	1 UR	45	679-45331-00-94	HOUSING, bearing	1
	663-45567-01-50	SHIM (T:0.50MM)	1 UR	46	93306-00702	BEARING	1
9	93332-00003	BEARING	1	47	663-45577-01-10	SHIM (T:0.10MM)	1 UR
10	90430-08020	GASKET	3		663-45577-01-12	SHIM (T:0.12MM)	1 UR
11	90340-08M04	PLUG, straight screw	3		663-45577-01-15	SHIM (T:0.15MM)	1 UR
12	90430-06M03	GASKET	1		663-45577-01-18	SHIM (T:0.18MM)	1 UR
13	90149-06M00	SCREW	1		663-45577-01-30	SHIM (T:0.30MM)	1 UR
14	676-44311-00	HOUSING, water pump	1		663-45577-01-40	SHIM (T:0.40MM)	1 UR
15	676-44322-00	INSERT, cartridge	1		663-45577-01-50	SHIM (T:0.50MM)	1 UR
16	676-44315-A0	GASKET, water pump	1	48	663-45576-00	WASHER, thrust	1
17	663-44366-00	DAMPER, water seal	1	49	93210-66M98	O-RING	1
18	6F5-44352-00	IMPELLER	1	50	93317-22204	BEARING, cylindrical	1
19	90280-04M00	KEY, woodruff	1	51	93101-22067	OIL SEAL	2
20	679-44316-A0	GASKET, water pump	1	52	90214-48M03	WASHER, claw	1
21	676-44323-00	OUTER PLATE, cartridge	1	53	697-45384-00	NUT	1
22	676-44324-A0	GASKET, cartridge	1	54	90282-04010	KEY, straight	1
23	679-44341-00-94	HOUSING, water pump	1	55	679-44150-10	SHIFT CAM ASSY (Long)	1 UR
24	93101-22067	OIL SEAL	1		679-44150-00	SHIFT CAM ASSY (Short)	1 UR
25	93210-41042	O-RING	1	56	679-44152-00	BUSHING, shift cam	1
26	93604-08062	PIN, dowel	2	57	97395-06018	BOLT	1
				58	92990-06600	WASHER, plate	1
				59	650-44147-00	BOOT, shift rod	1

Fig. 15 LOWER CASING. DRIVE 2

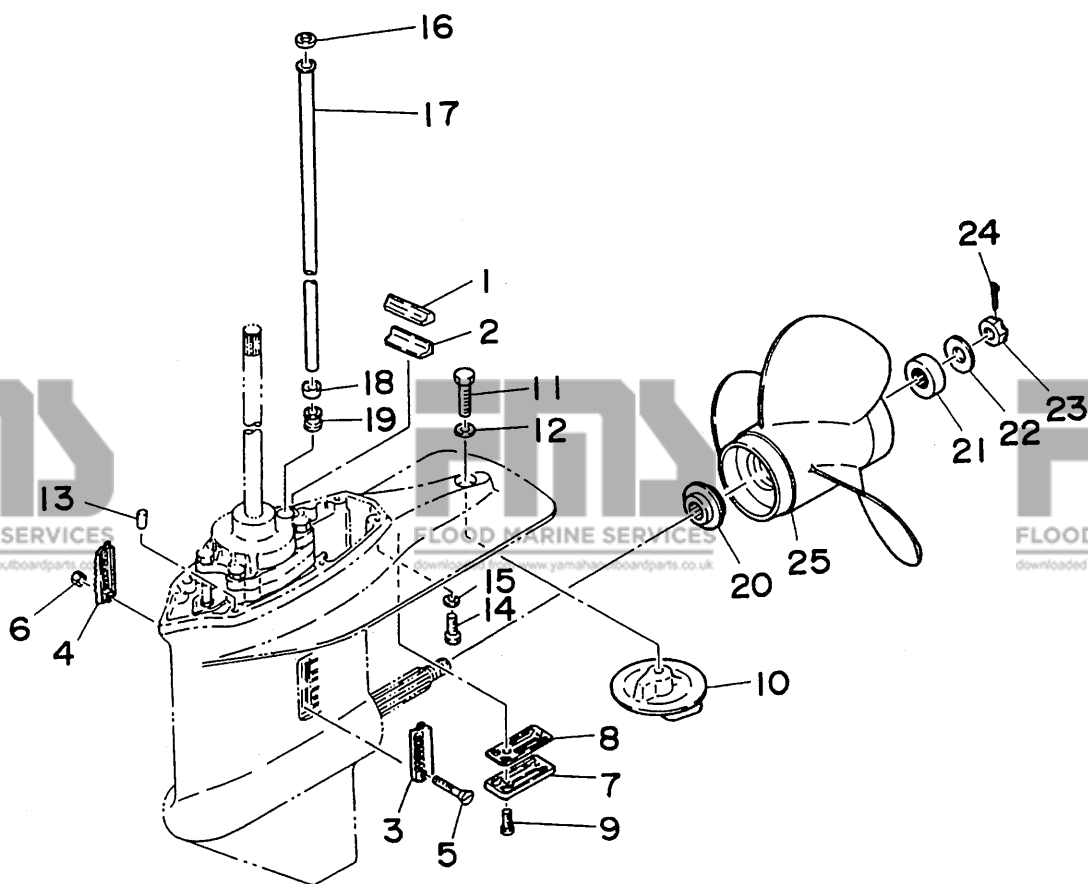


Fig. 15 LOWER CASING. DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	663-45375-00	DAMPER, seal	1	20	663-45987-02	SPACER	1
2	663-45376-00-94	GUIDE, seal damper	1	21	670-45997-02	SPACER	1
3	688-45214-02	COVER, water inlet	1	22	92990-16200	WASHER, plain	1
4	688-45215-02	COVER, water inlet	1	23	90171-16011	NUT, castle	1
5	98680-05535	SCREW, oval head	1	24	91490-30030	PIN, cotter	1
6	90185-05002	NUT, self-locking	1	25	663-45941-01-EL	PROPELLER (3X10-3/4"X17"-G)	1 UR
7	679-45321-01	PLATE	1		663-45943-02-EL	PROPELLER (3X11"X15"-G)	1 UR
8	679-45315-A0	PACKING, lower casing	1		663-45947-02-EL	PROPELLER (3X11-5/8"X11"-G)	1 UR
9	92580-06016	SCREW, pan head	2		663-45949-01-EL	PROPELLER (3X10-3/4"X16"-G)	1 UR
10	679-45371-00	TAB-TRIM	1		663-45952-02-EL	PROPELLER (3X11-3/8"X12"-G)	1 UR
11	97395-10030	BOLT	1		663-45954-01-EL	PROPELLER (3X11-3/4"X10"-G)	1 UR
12	92990-10100	WASHER, spring	1		663-45956-01-EL	PROPELLER (3X12-1/4"X9"-G)	1 UR
13	93606-12019	PIN, dowel	2		663-45958-01-EL	PROPELLER (3X11-1/4"X14"-G)	1 UR
14	97395-08030	BOLT	6			STAINLESS STEEL PROPELLER	
15	92990-08100	WASHER, spring	6		663-45970-60-98	PROPELLER (3X11-3/4"X12"-G)	1 UR
16	90202-12060	WASHER, plate	1		663-45972-60-98	PROPELLER (3X12"X11"-G)	1 UR
17	676-44361-10	TUBE, water (Long)	1 UR		663-45974-60-98	PROPELLER (3X11-1/2"X13"-G)	1 UR
	676-44361-00	TUBE, water (Short)	1 UR		663-45930-00-98	PROPELLER (3X10-1/4"X14"-G)	1 UR
18	90430-12072	GASKET	1		663-45976-00-98	PROPELLER (3X10-1/4"X15"-G)	1 UR
19	663-44367-00	DAMPER, water seal	1		663-45978-00-98	PROPELLER (3X10-1/4"X16"-G)	1 UR

Fig. 16 MAGNETO

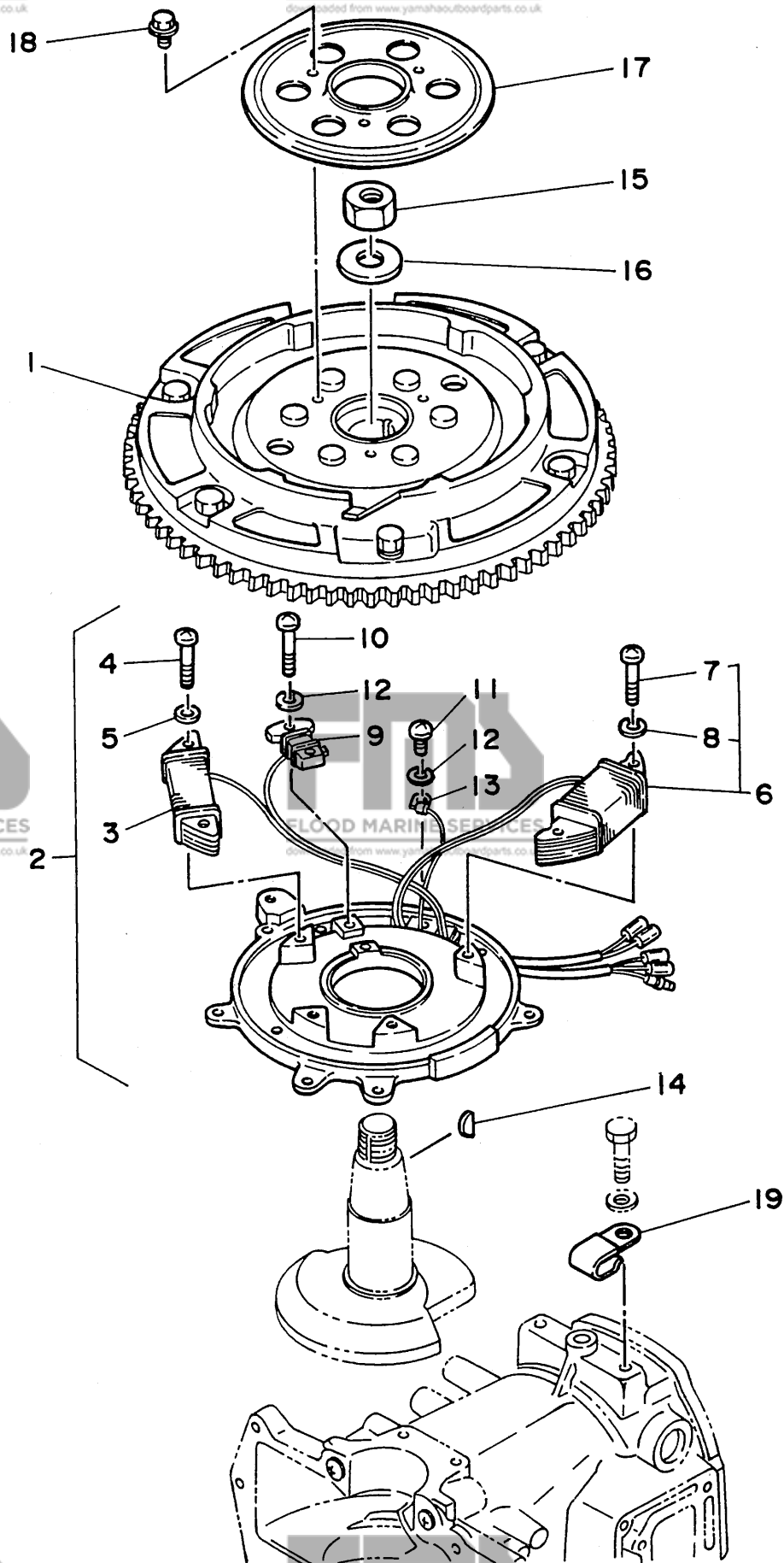


Fig. 16 MAGNETO

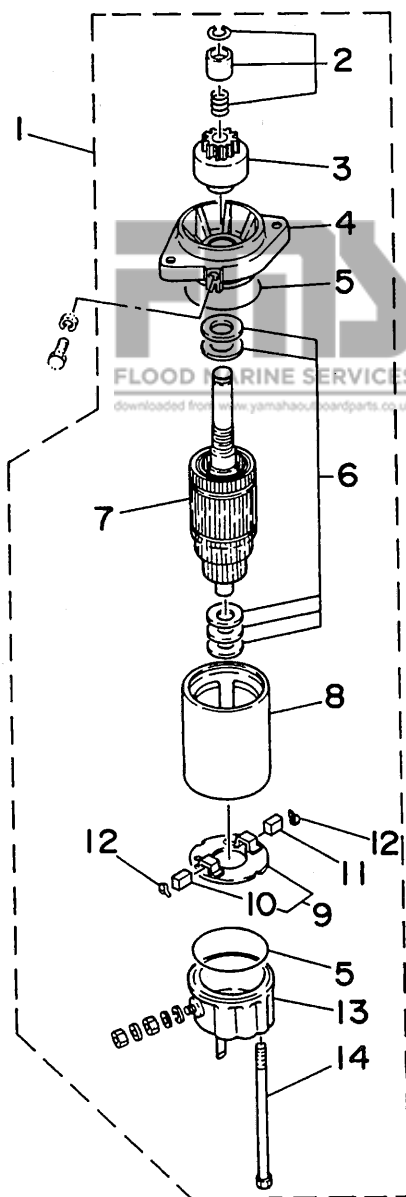
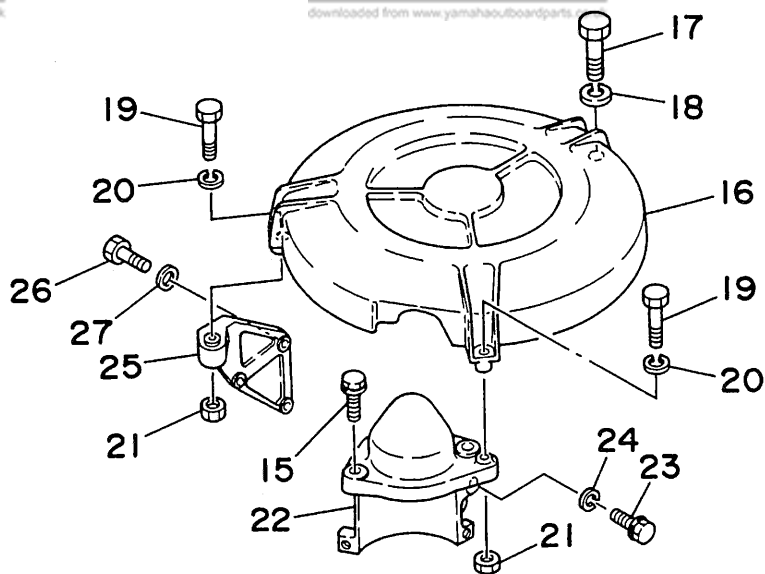
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A0-85550-A0	ROTOR ASSY	1	11	98501-04006	.SCREW, pan head	1
2	6A0-85560-A2	BASE ASSY	1	12	92901-04100	.WASHER, spring	3
3	689-81311-40	.COIL, ignition 1	1	13	689-81315-40	.LEAD WIRE ASSY	1
4	98503-05025	.SCREW, pan head	2	14	90280-05049	KEY, woodruff	1
5	92901-05100	.WASHER, spring	2	15	90170-20137	NUT	1
6	6A0-81303-A0	.LIGHTING COIL ASSY	1	16	90201-21M18	WASHER, plate	1
7	98503-05025	..SCREW, pan head	2	17	6A0-81362-00	COVER, hole	1
8	92901-05100	..WASHER, spring	2	18	90105-08M10	BOLT, washer based	3
9	689-85580-40	.COIL, pulser	1	19	90465-08M29	CLAMP	1
10	98511-04025	.SCREW, pan head	2				

Fig. 17 STARTING MOTOR (40QE/EM)-

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Fig. 17 STARTING MOTOR (40QE/EM)

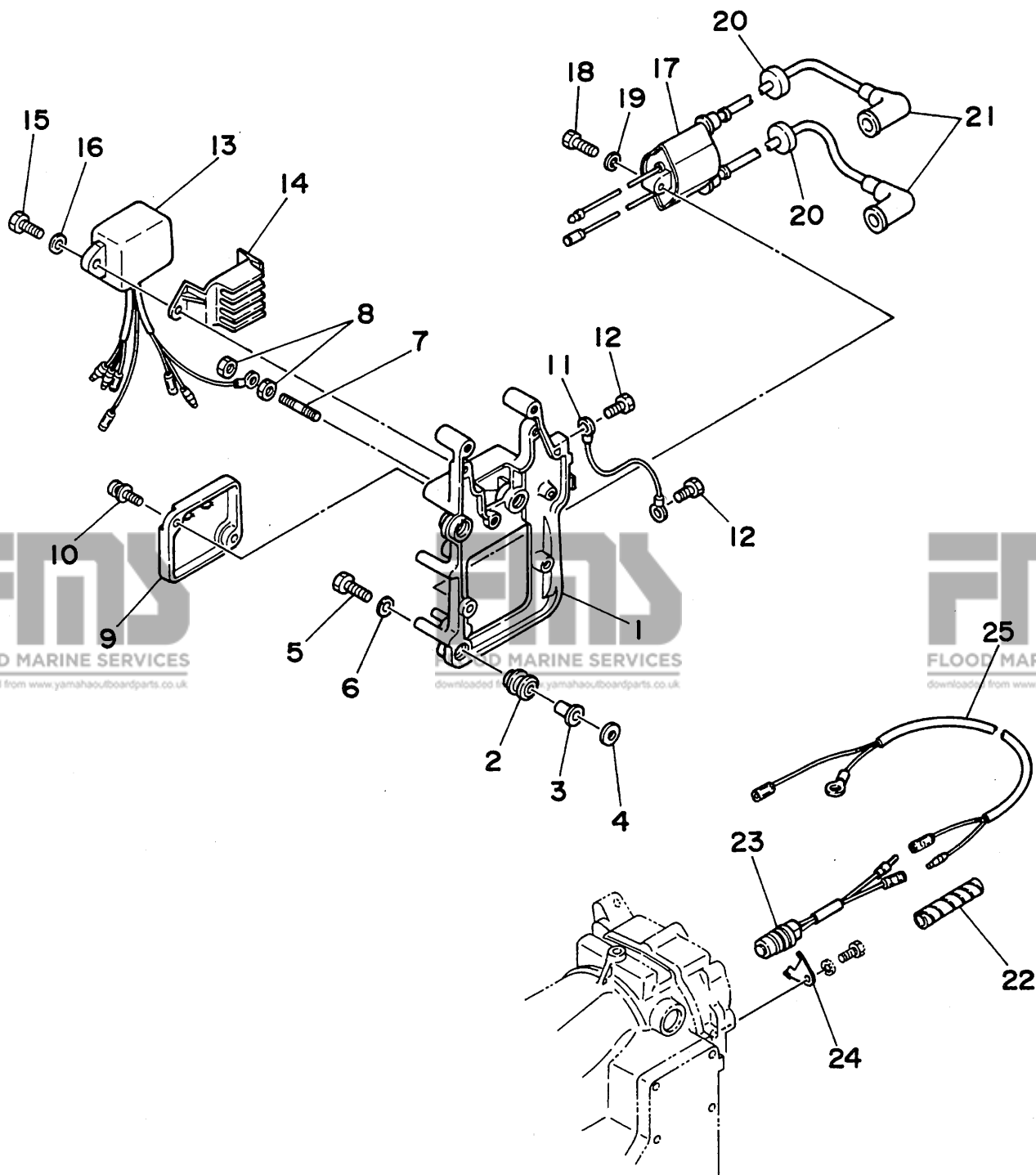
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-81800-13	STARTING MOTOR ASSY	1	15	90105-08M22	BOLT, washer based	2
2	689-81857-11	.PINION STOPPER SET	1	16	6E9-81337-00-94	COVER, flywheel (40QE)	1
3	689-81807-12	.GEAR ASSY, starting motor	1	17	97395-08040	BOLT	1
4	689-81830-11	.FRONT BRACKET ASSY	1	18	92990-08100	WASHER, spring	1
5	689-81844-11	.GASKET	2	19	97395-06035	BOLT	2
6	689-81809-11	.WASHER KIT	1	20	92990-06100	WASHER, spring	2
7	689-81850-12	.ARMATURE ASSY	1	21	95380-06600	NUT	2
8	689-81810-11	.STATOR ASSY	1	22	6E9-15771-40-94	STAY 1	1
9	689-81840-11	.BRUSH HOLDER ASSY	1	23	90105-08M22	BOLT, washer based	3
10	689-81812-11	..BRUSH 2	1	24	92990-08100	WASHER, spring	3
11	689-81811-11	.BRUSH 1	1	25	676-15772-00-94	STAY 2	1
12	689-81813-10	.SPRING, brush	2	26	97313-06025	BOLT	3
13	689-81820-11	.REAR BRACKET ASSY	1	27	92990-06600	WASHER, plate	3
14	689-81826-10	.BOLT	2				

Fig. 18 ELECTRICAL I

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Fig. 18 ELECTRICAL 1

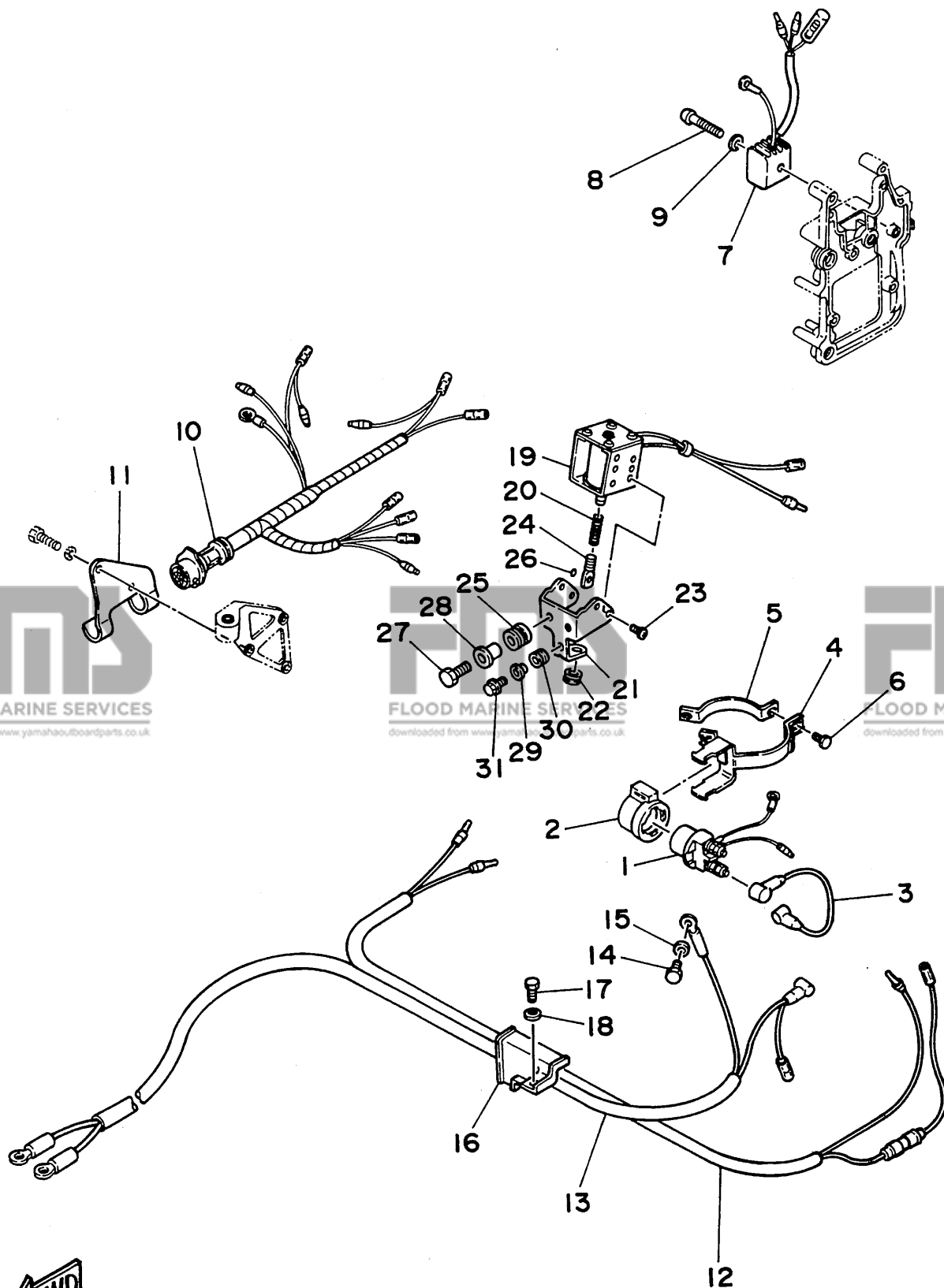
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6R6-85542-00-94	BRACKET	1	14	6A0-85548-00	HOLDER	1
2	6A0-82317-00	DAMPER, ignition coil	3	15	97395-06025	BOLT	2
3	624-42542-00	PIPE	3	16	92990-06600	WASHER, plate	2
4	90201-06M05	WASHER, plate	3	17	689-85570-20	IGNITION COIL ASSY	1
5	97395-06030	BOLT	3	18	97395-06025	BOLT	2
6	92990-06600	WASHER, plate	3	19	92990-06600	WASHER, plate	2
7	90116-06M07	BOLT, stud	1	20	90480-25161	GROMMET	2
8	95380-06600	NUT	2	21	6G1-82370-20	PLUG CAP ASSY	2
9	6A0-81916-00	COVER, terminal	1	22	90446-10M01	HOSE (40QE/EM)	1
10	97985-05216	SCREW, with washer	2	23	6E9-82560-00	THERMO SWITCH ASSY (40QE/EM)	1
11	662-82519-00	WIRE, earth lead	1	24	6E9-82588-00	PLATE (40QE/EM)	1
12	97395-6012	BOLT	2	25	6R6-82531-00	WIRE, lead (40QE/EM)	1
13	689-85540-20	C.D.I. UNIT ASSY	1				

Fig. 19 ELECTRICAL 2 (40QE/EM)

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Fig. 19 ELECTRICAL 2 (40QE/EM)

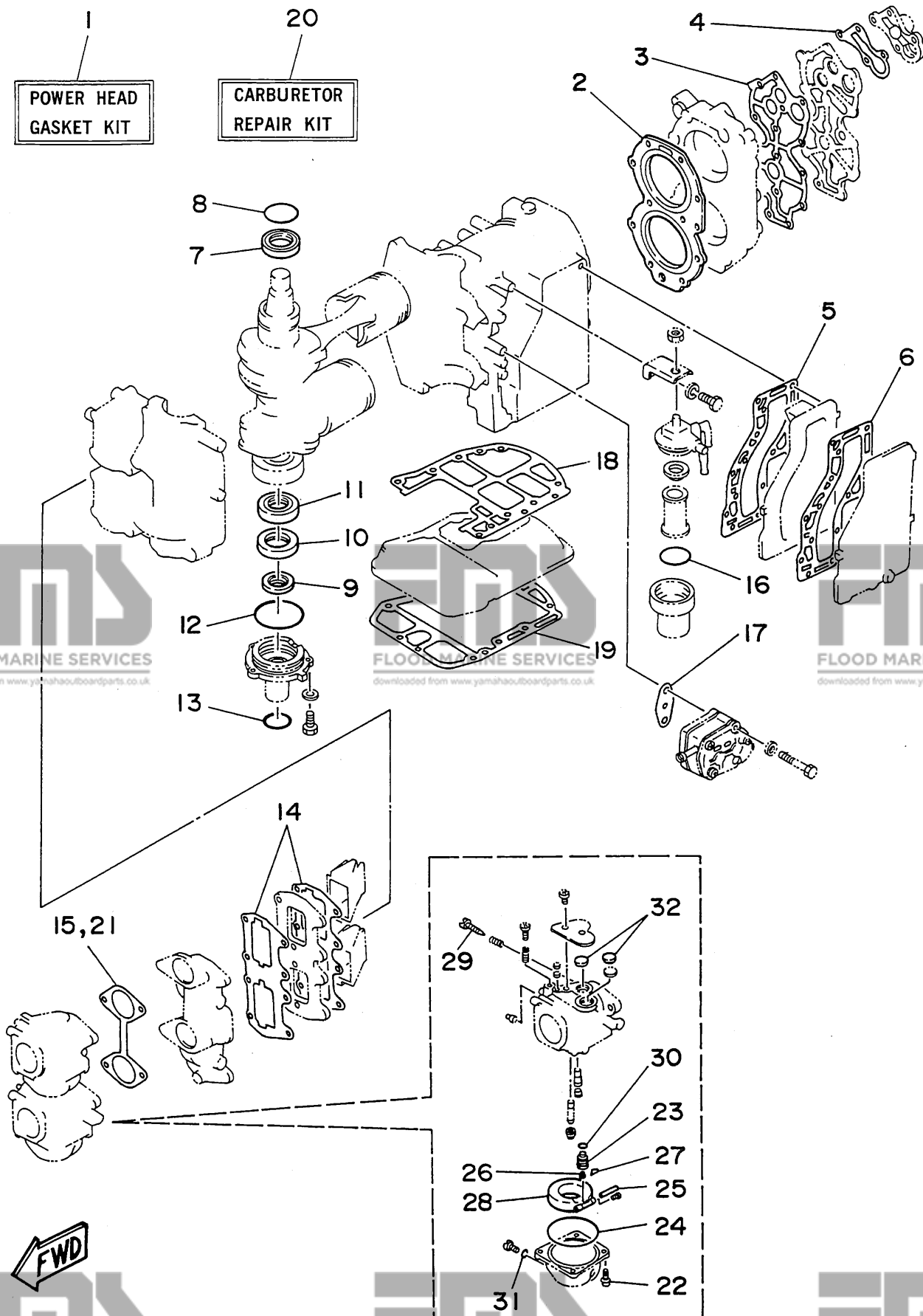
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G1-81941-10	STARTER RELAY ASSY	1	16	6A0-82362-00	CLAMP, cord 2	1
2	6G1-81952-00	HOLDER, relay	1	17	97395-06012	BOLT	1
3	6E9-82117-00	WIRE, lead	1	18	92990-06600	WASHER, plate	1
4	6E9-81945-01	PLATE, switch fitting	1	19	6E9-86111-00	COIL, solenoid	1
5	6E9-81953-00	STAY, relay	1	20	682-86116-00	WIRE, pull	1
6	97395-06016	BOLT	2	21	6E9-86112-00	STAY, solenoid	1
7	664-81970-61	RECTIFIER ASSY	1	22	90480-10155	GROMMET	1
8	98503-05025	SCREW, pan head	1	23	98580-05008	SCREW, pan head	4
9	92990-05600	WASHER, plate	1	24	682-86117-00	HOOK, wire pull	1
10	6E9-82590-11	WIRE HARNESS ASSY (40QE)	1 UR	25	6A0-82317-00	DAMPER, ignition coil	2
	6E9-82590-30	WIRE HARNESS ASSY (40QEM)	1 UR	26	93210-03261	O-RING	1
11	6A0-82594-01	CLAMP (40QE)	1	27	97313-06025	BOLT	2
12	6E9-81971-00	WIRE, lead	1	28	624-42542-00	PIPE	2
13	6E9-82105-10	WIRE HARNESS	1	29	90387-06M43	COLLAR	1
14	97380-08012	BOLT	1	30	90480-13M24	GROMMET	1
15	92990-08100	WASHER, spring	1	31	95895-06016	BOLT, flange	1

Fig. 20 REPAIR KIT I

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Fig. 20 REPAIR KIT 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6R6-W0001-01	POWER HEAD GASKET KIT	1	17	650-24431-A0	.GASKET, fuel pump 1	1
2	676-11181-A0	.GASKET, cylinder head 1	1	18	676-45113-A0	.GASKET, upper casing	1
3	6E9-11193-A0	.GASKET, head cover 1	1	19	676-45114-A0	.GASKET, upper casing	1
4	6E9-12414-A0	.GASKET, cover	1	20	6E9-W0093-02	CARBURETOR REPAIR KIT	1
5	676-41112-A0	.GASKET, exhaust inner cover	1	21	6E9-14198-A0	.GASKET	1
6	6E9-41114-A0	.GASKET, exhaust outer cover	1	22	97980-04114	.SCREW, with washer	2
7	93102-32M07	.OIL SEAL	1	23	6H3-14590-00	.NEEDLE VALVE ASSY	2
8	93210-42159	.O-RING	1	24	676-14984-00	.GASKET, float chamber	2
9	93104-16M04	.OIL SEAL	1	25	688-14548-00	.PIN, float arm	2
10	93101-28M19	.OIL SEAL	1	26	676-14186-00	.PIN, float	2
11	93102-28M08	.OIL SEAL	1	27	663-14159-00	.CLIP	2
12	93210-62269	.O-RING	1	28	676-14985-01	.FLOAT	2
13	93210-22M02	.O-RING	1	29	692-14923-00	.SCREW, pilot	2
14	676-13646-A0	.GASKET, manifold 2	2	30	93210-04228	.O-RING	2
15	6E9-14198-A0	.GASKET	1	31	93210-04230	.O-RING	2
16	93210-37M25	.O-RING	1	32	688-14126-00	.GASKET	4

Fig. 21 REPAIR KIT 2

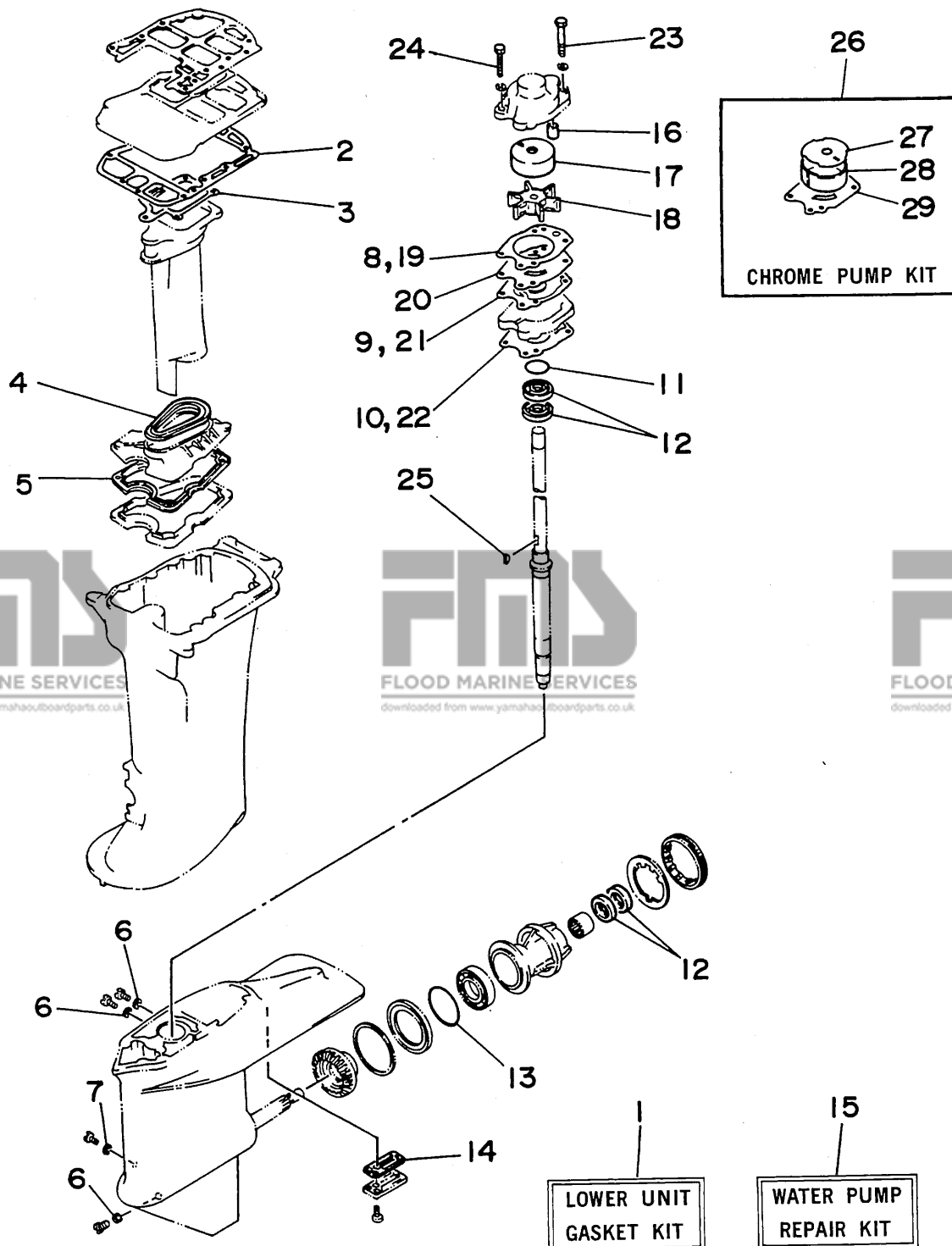


Fig. 21 REPAIR KIT 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A0-W0001-21	LOWER UNIT GASKET KIT	1	16	663-44366-00	.DAMPER, water seal	1
2	676-45114-A0	.GASKET, upper casing	1	17	676-44322-00	.INSERT, cartridge	1
3	676-41133-A0	.GASKET,exhaust manifold 1	1	18	6F5-44352-00	.IMPELLER	1
4	676-45127-00	.SEAL	1	19	676-44315-A0	.GASKET, water pump	1
5	676-45128-00	.SEAL 2	1	20	676-44323-00	.OUTER PLATE, cartridge	1
6	90430-08020	.GASKET	3	21	676-44324-A0	.GASKET, cartridge	1
7	90430-06M03	.GASKET	1	22	679-44316-A0	.GASKET, water pump	1
8	676-44315-A0	.GASKET, water pump	1	23	97395-08055	.BOLT	2
9	676-44324-A0	.GASKET, cartridge	1	24	97395-08045	.BOLT	2
10	679-44316-A0	.GASKET, water pump	1	25	90280-04M00	.KEY, woodruff	1
11	93210-41042	.O-RING	1	26	676-W0078-0A	CHROME PUMP KIT	1
12	93101-22067	.OIL SEAL	4	27	676-44321-40	.INNER PLATE, cartridge	1
13	93210-66M98	.O-RING	1	28	676-44322-40	.INSERT, cartridge	1
14	679-45315-A0	.PACKING, lower casing	1	29	676-44323-40	.OUTER PLATE, cartridge	1
15	679-W0078-01	WATER PUMP REPAIR KIT	1				



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Fig. 17	REPAIR KIT 1	170
Fig. 18	REPAIR KIT 2	172

Fig. 1 CYLINDER. CRANKCASE

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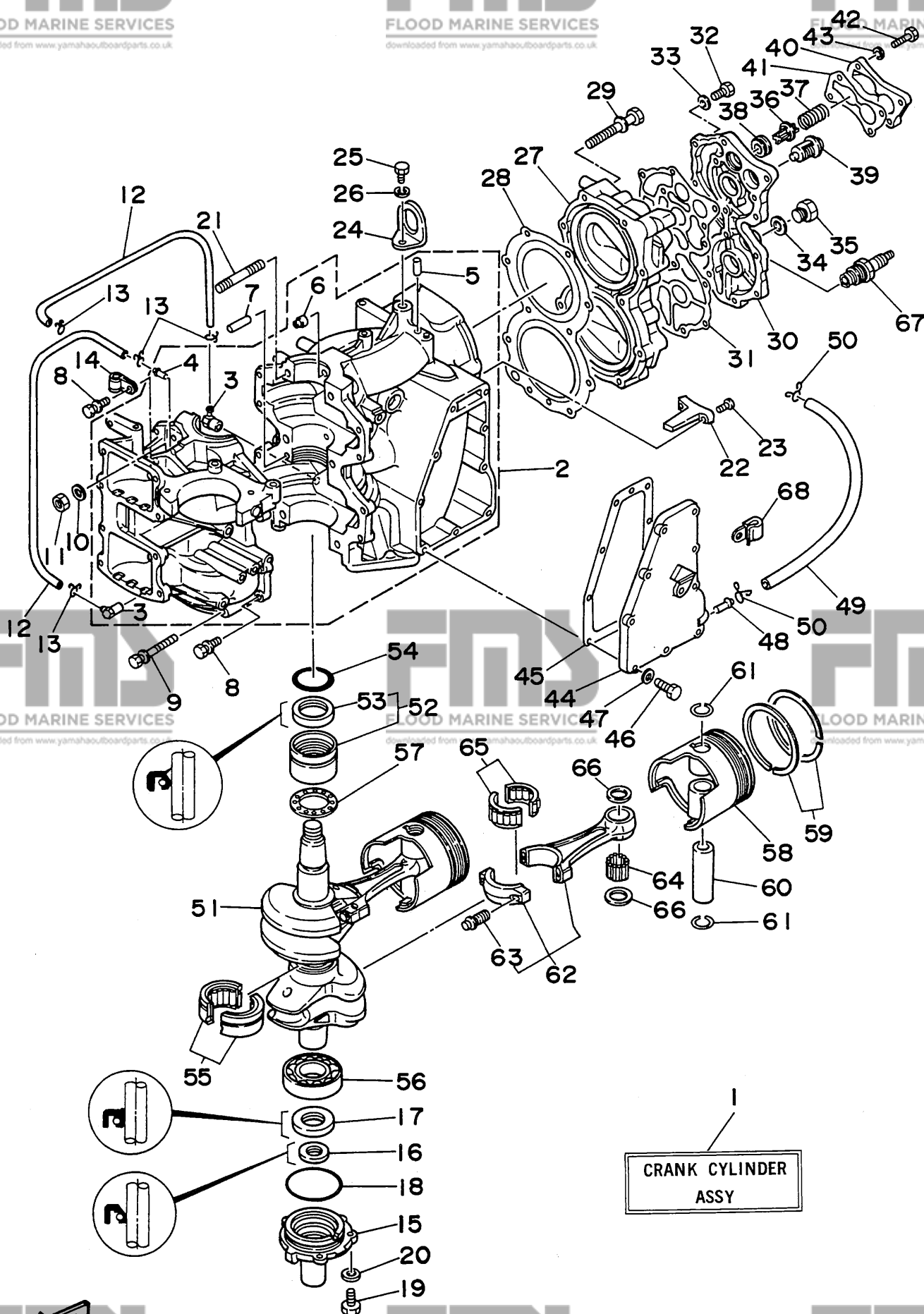
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Fig. 1 CYLINDER. CRANKCASE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	697-W0090-04-1D	CRANK CYLINDER ASSY (55BE)		34	90430-14115	GASKET	1
	(Ref.No. 2 to 66)		1 UR	35	90340-14036	PLUG, straight screw	1
	697-W0090-11-1D	CRANK CYLINDER ASSY (55BM)		36	663-12416-00	VALVE, pressure control	1
	(Ref.No. 2 to 66)		1 UR	37	90501-14234	SPRING, compression	1
2	697-15100-01-94	CRANKCASE ASSY (55BE)	1 UR	38	90480-18065	GROMMET	1
	697-15100-12-94	CRANKCASE ASSY (55BM)	1 UR	39	6F5-12411-02	THERMOSTAT	1
3	650-11370-00	.CHECK VALVE ASSY (55BE)	2 UR	40	663-12413-00-9M	COVER, thermostat	1
	650-11370-00	.CHECK VALVE ASSY (55BM)	1 UR	41	663-12414-A0	GASKET, cover	1
4	624-14485-00	.PIPE, joint	1	42	97313-06030	BOLT	4
5	93604-08062	.PIN, dowel	1	43	92990-06600	WASHER, plate	4
6	663-11518-01	.LOCK, bearing	2	44	663-41113-00-9M	OUTER COVER, exhaust	1
7	93608-12063	PIN, dowel	1	45	663-41114-A0	GASKET, exhaust outer cover	1
8	90119-06M12	BOLT, with washer	8	46	97313-06020	BOLT	9
9	90119-10M07	BOLT, with washer	4	47	92990-06600	WASHER, plate	9
10	90201-100F7	WASHER, plate	2	48	650-24378-00	PIPE, joint 4	1
11	95313-10600	NUT	2	49	663-24312-01	PIPE 2	1
12	90445-07240	HOSE (55BE)	2 UR	50	90467-08004	CLIP	2
	90445-07240	HOSE (55BM)	1 UR	51	663-11411-01	CRANKSHAFT	1
13	90467-06016	CLIP (55BE)	4 UR	52	93311-632U1	BEARING, cylindrical	1
	90467-06016	CLIP (55BM)	2 UR	53	93102-32M07	.OIL SEAL	1
14	90461-04011	CLAMP	1	54	93210-42159	O-RING	1
15	663-15359-01-94	HOUSING, oil seal	1	55	93311-832U4	BEARING, cylindrical	1
16	93104-18049	OIL SEAL	1	56	93306-206U4	BEARING	1
17	93102-28135	OIL SEAL	1	57	663-11561-00	SHIM, crank 1	1
18	93210-62269	O-RING	1	58	688-11631-03-94	PISTON (STD)	2
19	97395-06016	BOLT	3		688-11635-03	PISTON (0.25MM O/S)	2 AP
20	92990-06600	WASHER, plate	3		688-11636-03	PISTON (0.50MM O/S)	2 AP
21	90116-10177	BOLT, stud	2	59	688-11603-A0	PISTON RING SET (STD)	2
22	663-11325-00	ANODE	1		688-11604-A0	PISTON RING SET (0.25MM O/S)	2 AP
23	98680-04016	SCREW, oval head	2		688-11605-A0	PISTON RING SET (0.50MM O/S)	2 AP
24	697-11119-00	HANGER, engine	1	60	663-11633-00	PIN, piston	2
25	97013-08025	BOLT	1	61	688-11634-00	CLIP, piston pin	4
26	92990-08100	WASHER, spring	1	62	688-11650-03	CONNECTING ROD ASSY	2
27	663-11111-02-94	HEAD, cylinder 1	1	63	90109-08M61	.BOLT	2
28	697-11181-A0	GASKET, cylinder head 1	1	64	93603-21111	PIN, dowel	56
29	90119-08M21	BOLT, with washer	10	65	93310-730V8	BEARING, cylindrical	2
30	663-11191-00-9M	COVER, cylinder head 1	1	66	90201-20417	WASHER, plate	4
31	663-11193-A0	GASKET, head cover 1	1	67	94702-00247	PLUG, spark (NGK BR8HS 10)	2
32	97313-06020	BOLT	12	68	90465-06M28	CLAMP (For With Starter Assy)	1 UR
33	92990-06600	WASHER, plate	12				

Fig. 2 INTAKE

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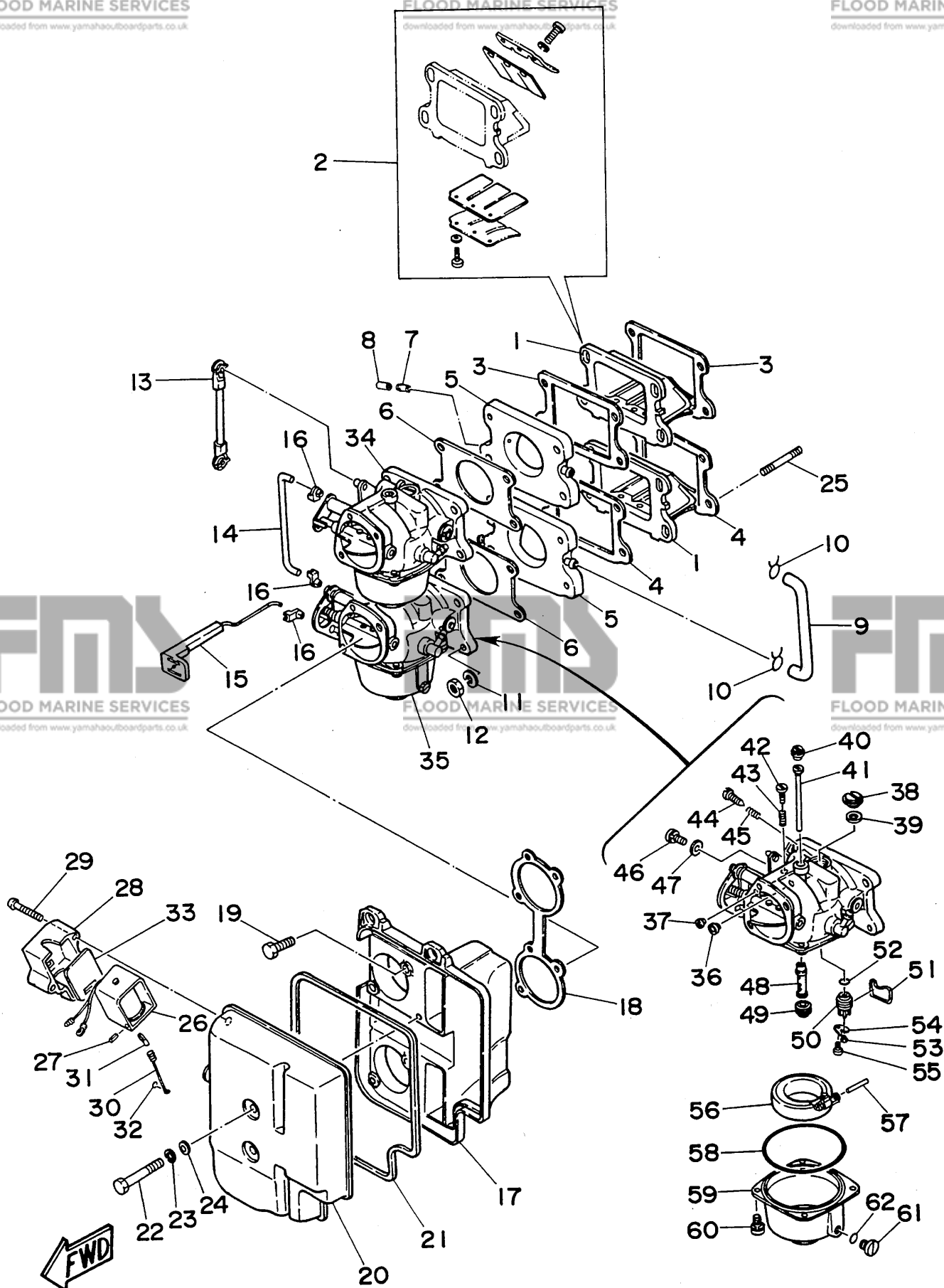
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Fig. 2 INTAKE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	697-13610-00	REED VALVE ASSY	2	34	6A3-14501-04	CARBURETOR ASSY 1 (55BM)	1 UR
2	692-W0004-00	.REED SET	1	35	697-14502-04	CARBURETOR ASSY 2 (55BE)	1 UR
3	663-13621-A0	GASKET, valve seat	2		6A3-14502-04	CARBURETOR ASSY 2 (55BM)	1 UR
4	663-13622-A0	GASKET, valve seat	2	36	663-14950-27	.PILOT, air jet (55BE)	2 UR
5	663-13641-02-94	MANIFOLD 1 (55BE)	2 UR		663-14950-26	.PILOT, air jet (55BM)	2 UR
	670-13641-01-94	MANIFOLD 1 (55BM)	2 UR	37	663-14945-32	.JET (#125) (55BE)	2 UR
6	663-14198-A0	GASKET	2		663-14945-43	.JET (#180) (55BM)	2 UR
7	624-14485-00	PIPE, joint	2	38	697-14991-00	.SCREW	2
8	647-14395-60	CAP, overflow pipe (55BE)	1 UR	39	679-14557-00	.WASHER	2
	647-14395-60	CAP, overflow pipe (55BM)	2 UR	40	663-14567-01	.SCREW	2
9	663-24321-00	PIPE 10 (55BE)	1 UR	41	663-14942-19	.JET, pilot	2
10	90467-08004	CLIP (55BE)	2 UR	42	6H1-14523-00	.SCREW, stop	1
11	92995-06100	WASHER, spring	8	43	90501-10326	.SPRING, compression	1
12	95380-06600	NUT	8	44	663-14923-00	.SCREW, pilot	2
13	697-41217-01	ROD, accel. lever	1	45	90501-08214	.SPRING, compression	2
14	663-41257-02	ROD, choke 2	1	46	6K5-14592-00	.SCREW	1
15	663-41256-01	ROD, choke 1	1	47	90201-05652	.WASHER, plate	1
16	661-41262-02	JOINT, choke lever	3	48	663-14947-01	.JET, needle (55BE)	2 UR
17	697-14417-00-94	COVER 1	1		6F0-14947-00	.JET, needle (55BM)	2 UR
18	663-14483-A0	GASKET	1	49	663-14943-39	.JET, main (#160) (55BE)	2 UR
19	97313-06025	BOLT	4		663-14943-43	.JET, main (#180) (55BM)	2 UR
20	697-14418-00-94	COVER 2	1	50	696-14590-00	.NEEDLE VALVE ASSY	2
21	697-14416-00	GASKET, air cleaner	1	51	663-14159-00	.CLIP	2
22	97395-06045	BOLT	2	52	93210-07229	.O-RING	2
23	92995-06100	WASHER, spring	2	53	676-14186-00	.PIN, float	2
24	92990-06600	WASHER, plate	2	54	371-14919-60	.CLIP	2
25	90116-06176	BOLT, stud	8	55	98580-04006	.SCREW, pan head	2
26	663-86110-02	SOLENOID	1	56	6F0-14985-00	.FLOAT	2
27	91690-30010	PIN, spring	1	57	663-14548-00	.PIN, float arm	2
28	663-86115-00	HOLDER, solenoid	1	58	93210-64272	.O-RING	2
29	98580-05530	SCREW, pan head	2	59	663-14980-00	.BODY, float chamber	2
30	663-86116-01	WIRE, pull	1	60	97980-04112	.SCREW, with washer	8
31	676-86117-00	HOOK, wire pull	1	61	6H3-14992-00	.SCREW, drain	2
32	93210-03261	O-RING	1	62	93210-04230	.O-RING	2
33	663-86118-00	DAMPER	1				
34	697-14501-04	CARBURETOR ASSY 1 (55BE)	1 UR				

Fig. 3 STARTER

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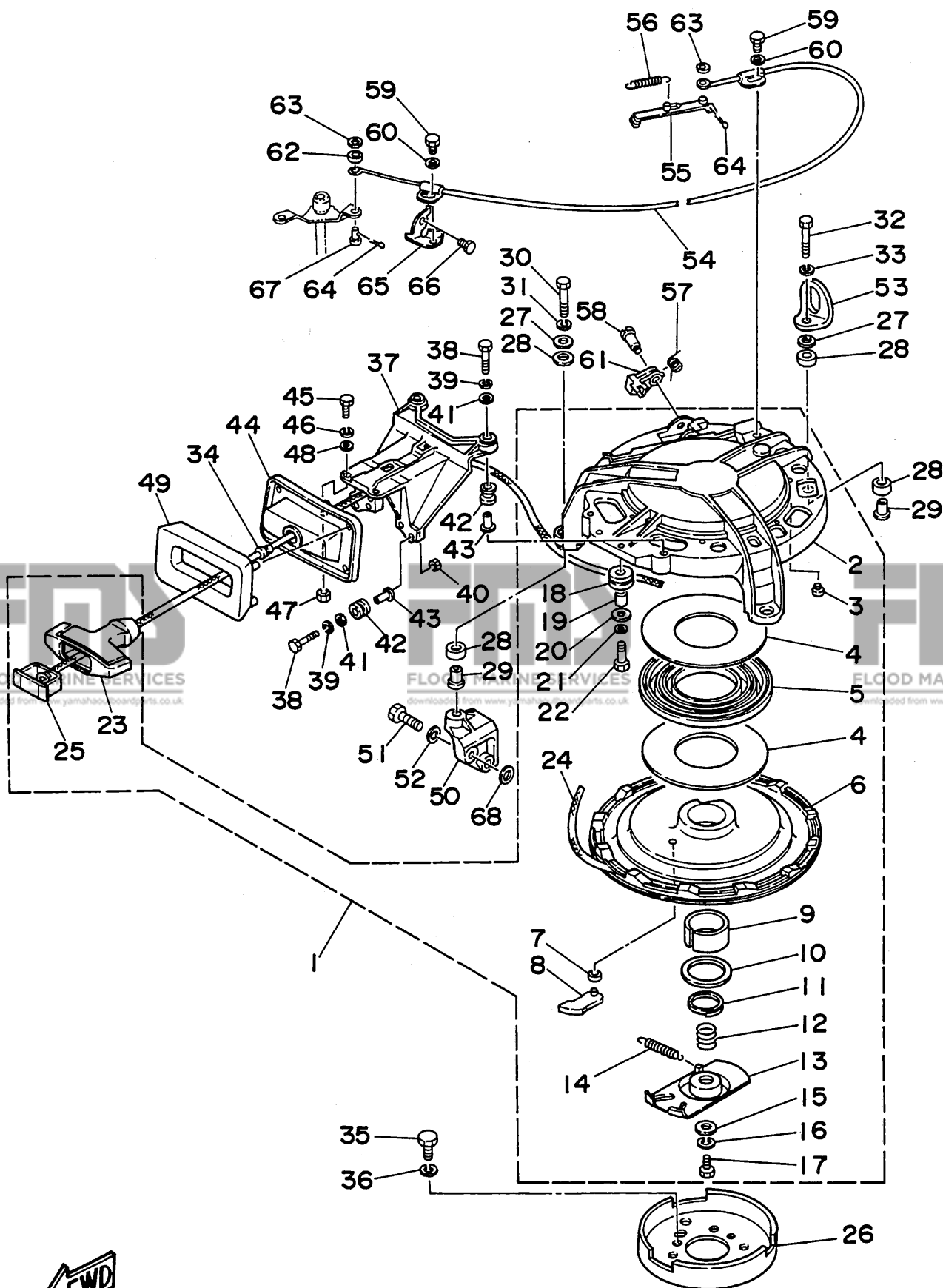
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Fig. 3 STARTER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	696-W1571-02	STARTER ASSY	1	35	97313-08018	BOLT	3
2	663-15711-02	.CASE, starter	1	36	92990-08100	WASHER, spring	3
3	696-15773-00	.STAY 3	6	37	697-15787-00-94	ADAPTOR	1
4	663-15739-00	.WASHER, thrust	2	38	97395-06030	BOLT	4
5	663-15713-00	.SPRING, starter	1	39	92995-06100	WASHER, spring	4
6	663-15714-01	.DRUM, sheave	1	40	95380-06600	NUT	2
7	663-15764-00	.COLLAR 1	1	41	92995-06200	WASHER, plain	4
8	663-15741-02	.PAWL, drive	1	42	6A0-82317-00	DAMPER, ignition coil	4
9	663-15754-00	.BUSH 2	1	43	624-42542-00	PIPE	4
10	663-15726-01	.WASHER, flat	1	44	697-15758-00-94	GUIDE, rope	1
11	663-15744-00	.CIRCLIP	1	45	97395-06020	BOLT	2
12	663-15715-00	.SPRING, drive plate	1	46	92995-06100	WASHER, spring	2
13	696-15716-00	.PLATE, drive	1	47	95380-06600	NUT	2
14	696-15734-00	.SPRING, return	1	48	92990-06600	WASHER, plain	2
15	663-15719-00	.WASHER, thrust	1	49	697-15762-00	SEAL, rubber 2	1
16	92995-06100	.WASHER, spring	1	50	663-15771-00-94	STAY 1	1
17	97313-06016	.BOLT	1	51	97313-08030	BOLT	2
18	663-15752-00	.ROLLER, wire	1	52	92990-08100	WASHER, spring	2
19	663-15753-00	.BUSH	1	53	697-11119-00	HANGER, engine	1
20	663-15791-00	.WASHER, lock	1	54	697-15770-01	CABLE COMP., starter stop	1
21	92995-06100	.WASHER, spring	1	55	663-15735-01	GUIDE, cam	1
22	97011-06025	.BOLT	1	56	90506-08M23	SPRING, tension	1
23	689-15755-01	.HANDLE, starter	1	57	90508-12015	SPRING, torsion	1
24	*	.WIRE (L:2300mm)	1	58	90149-05095	SCREW	1
25	6F5-15779-02	.COVER	1	59	97395-06012	BOLT	2
26	692-15723-00	PULLEY, starter	1	60	92990-06600	WASHER, plate	2
27	90201-08095	WASHER, plate	3	61	663-15794-00	STOPPER	1
28	90385-12M04	BUSH	6	62	663-15736-00	RING, retaining 1	1
29	90387-08M05	COLLAR	3	63	92995-06200	WASHER, plain	2
30	97090-08035	BOLT	2	64	91490-16015	PIN, cotter	2
31	92995-08100	WASHER, spring	2	65	663-15772-01	STAY 2	1
32	97395-08040	BOLT	1	66	97313-08012	BOLT	1
33	92995-08100	WASHER, spring	1	67	91702-06014	PIN, clevis	1
34	697-15789-00	DAMPER	1	68	92990-08600	WASHER, plate (55BE)	1

* Cut from 50m rolls, Parts No. 90890-44374, Cutting length 2.3m.

Fig. 4 FUEL

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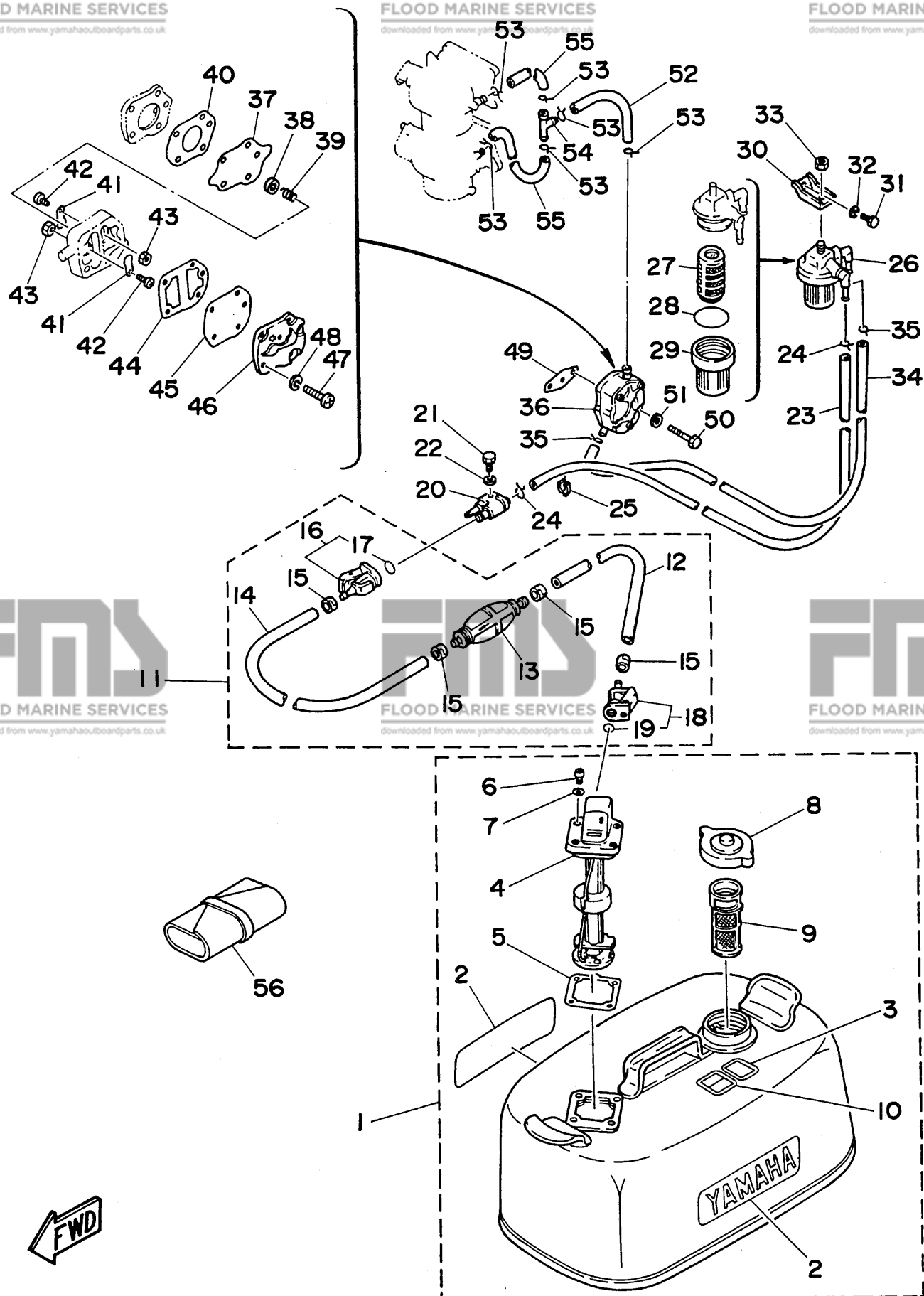
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Fig. 4 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6Y1-W2420-62-24	FUEL TANK ASSY	1	29	655-24521-01	.CUP, filter	1
2	6Y1-24246-00	.GRAPHIC, side	2	30	648-24566-01	BRACKET, filter	1
3	6Y1-24257-00	.GRAPHIC	1	31	97313-06014	BOLT	1
4	6Y1-24260-02	.FUEL METER ASSY	1	32	92990-06100	WASHER, spring	1
5	6Y1-24268-00	.GASKET, fuel meter	1	33	95380-08600	NUT	1
6	98586-05016	.SCREW, pan head	4	34	90445-09095	HOSE	1
7	6Y1-24329-00	.SEAL	4	35	90467-08004	CLIP	2
8	6Y1-24610-00	.CAP ASSY	1	36	6A0-24410-05	FUEL PUMP ASSY	1
9	6Y1-24167-00	.STRAINER	1	37	648-24411-00	.DIAPHRAGM	1
10	6Y1-24254-60	.GRAPHIC (50:1)	1 UR	38	648-24424-00	.SEAT, spring	1
	6Y1-24255-80	.GRAPHIC (100:1)	1 UR	39	648-24423-00	.SPRING, diaphragm	1
11	6Y1-24306-51	FUEL PIPE COMP. 1	1	40	648-24434-01	.GASKET, body	1
# 12	90445-11M06	.HOSE (L2050)	1	41	6A0-24421-01	.VALVE, check	2
13	6Y1-24360-51	.PRIMER PUMP ASSY	1	42	6A0-14325-00	.SCREW, pan head	2
# 14	90445-11M05	.HOSE (L850)	1	43	95380-03600	.NUT	2
15	650-24351-51	.BAND 1	4	44	648-24435-02	.GASKET, body 2	1
16	6G1-24305-01	.FUEL PIPE JOINT COMP. 2	1	45	663-24411-00	.DIAPHRAGM	1
17	93210-08287	..O-RING	1	46	648-24413-01	.BODY 2	1
18	6Y1-24305-02	.FUEL PIPE JOINT COMP. 2	1	47	98580-05530	.SCREW, pan head	3
19	93210-08287	..O-RING	1	48	92990-05100	.WASHER, spring	3
20	6G1-24304-02	FUEL PIPE JOINT COMP. 1	1	49	650-24431-A0	GASKET, fuel pump 1	1
21	97395-06020	BOLT	1	50	97395-06040	BOLT	2
22	92990-06600	WASHER, plate	1	51	92990-06600	WASHER, plate	2
23	90445-09M25	HOSE	1	52	90445-09089	HOSE	1
24	90467-08004	CLIP	2	53	90467-08004	CLIP	6
25	90464-04011	CLAMP	1	54	688-24378-00	PIPE, joint 4	1
26	655-24560-01	FILTER ASSY	1	55	90445-09061	HOSE	2
27	6F5-24563-00	.ELEMENT, filter	1	56	656-W2810-01	TOOL KIT	1
28	93210-37M25	.O-RING	1				

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

Fig. 5 TOP COWLING

FOR WITH STARTER ASSY

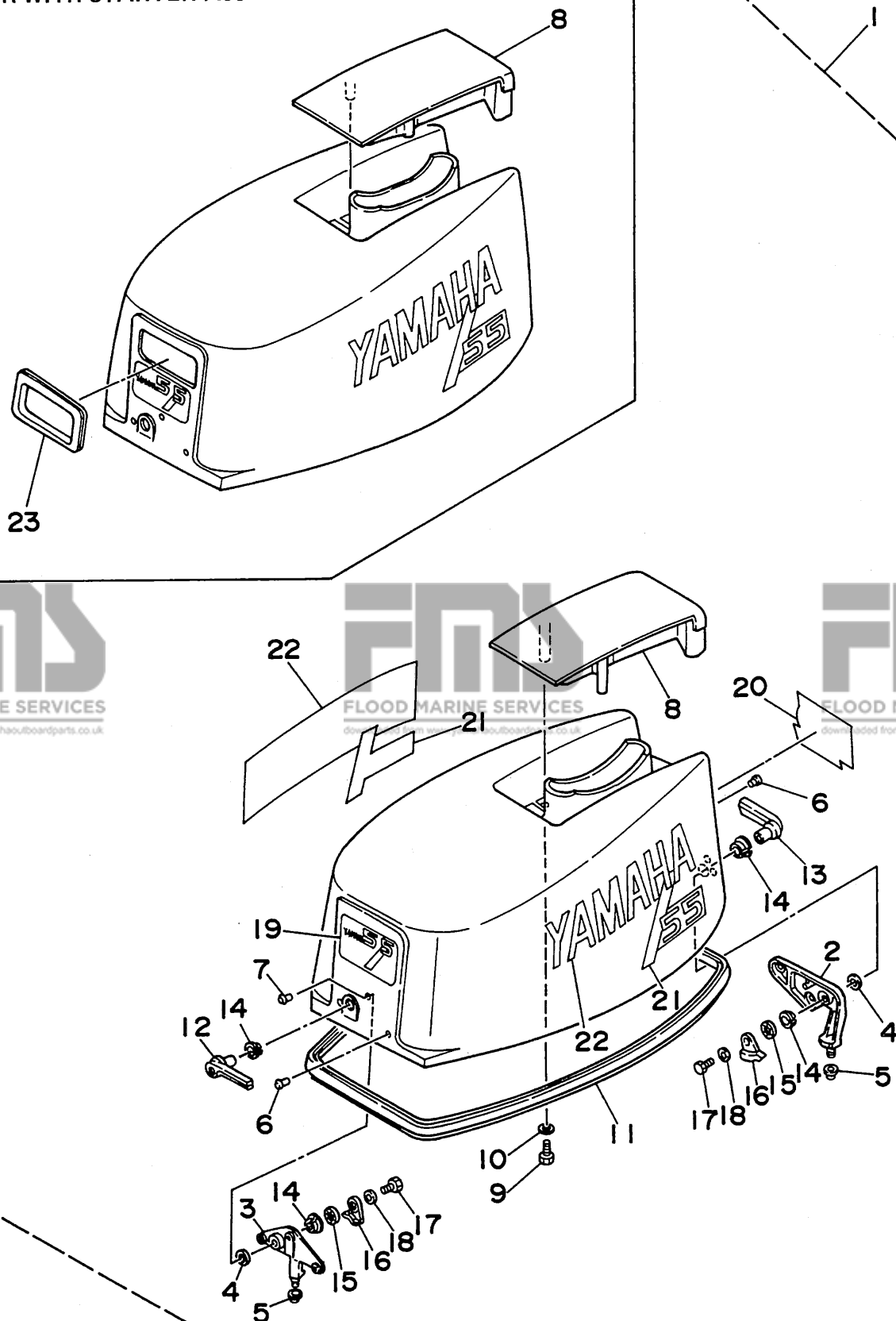


Fig. 5 TOP COWLING

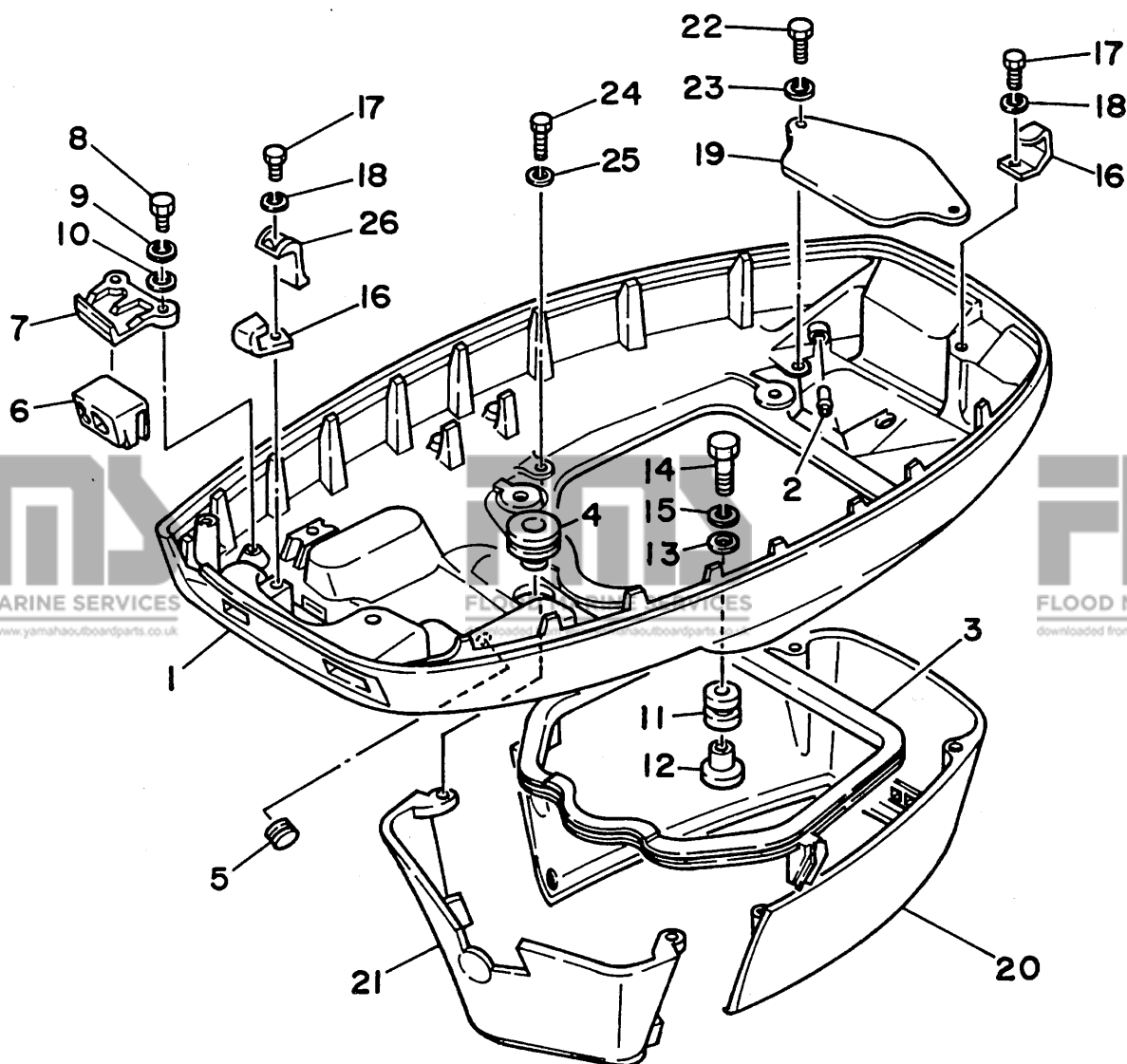
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	697-42610-B1-1D	TOP COWLING ASSY	1 UR	11	663-42615-02	.SEAL	1
	697-42610-S0-1D	TOP COWLING ASSY		12	697-42815-10-98	.LEVER, clamp	1
		(For With Starter Assy)	1 UR	13	697-42817-10-98	.LEVER, clamp	1
2	697-42647-00-94	.HOLDER, clamp band	1	14	90386-13M38	.BUSH	4
3	697-42649-00-94	.HOLDER, clamp band	1	15	90206-13019	.WASHER, wave	2
4	90202-19M10	.WASHER, plate	2	16	663-42816-02	.LEVER, clamp	2
5	663-42662-00	.DAMPER	2	17	97013-06012	.BOLT	2
6	90266-06M02	.RIVET	5	18	90201-06M02	.WASHER, plate	2
7	90266-06M02	.RIVET	1	19	697-42677-B0	.GRAPHIC, front	1
8	697-42613-00-1D	.MOLDING, air duct	1 UR	20	697-42678-B0	.GRAPHIC, rear	1
	697-42613-10-1D	.MOLDING, air duct		21	697-W0070-B0	.GRAPHIC SET	1
		(For With Starter Assy)	1 UR	22	6E5-42681-B0	.MARK, cowling	2
9	97395-06016	.BOLT	4	23	697-15761-01	.SEAL, rubber	1
10	92990-06600	.WASHER, plate	4			(For With Starter Assy)	1

Fig. 6 BOTTOM COWLING

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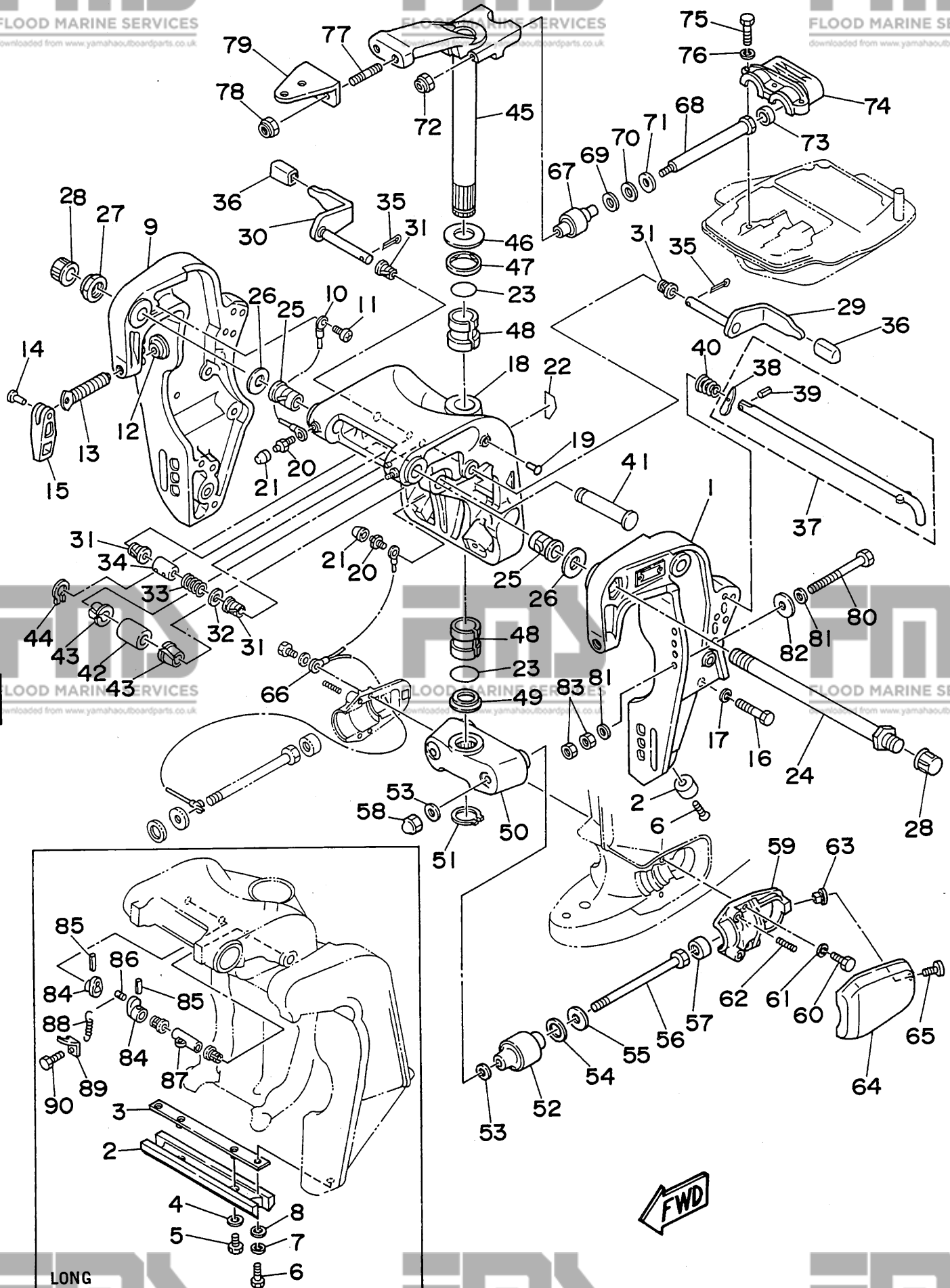
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Fig. 6 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	697-42711-00-1D	COWLING, bottom	1	14	97313-06030	BOLT	4
2	663-24376-00	PIPE, joint 1	1	15	92990-06100	WASHER, spring	4
3	663-42716-01	RUBBER, seal 1	1	16	663-42744-02	STAY	2
4	663-42724-00	GROMMET	1	17	97395-06014	BOLT	2
5	90480-12004	GROMMET	1	18	92990-06100	WASHER, spring	2
6	663-42725-00	GROMMET (55BE)	1 UR	19	663-42723-01-94	COVER, bottom	1
	663-42725-11	GROMMET (55BM)	1 UR	20	663-42741-00-1D	APRON	1
7	663-42738-02-94	PLATE, fitting	1	21	663-42771-01-1D	APRON	1
8	97395-06016	BOLT	2	22	97395-06020	BOLT	2
9	92990-06100	WASHER, spring	2	23	92990-06100	WASHER, spring	2
10	92990-06600	WASHER, plate	2	24	97395-06025	BOLT	2
11	90480-09M12	GROMMET	4	25	92990-06100	WASHER, spring	2
12	90387-06M03	COLLAR	4	26	663-82594-02	CLAMP	1
13	90201-06416	WASHER, plate	4				

Fig. 7 BRACKET I



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	697-43111-04-1D	BRACKET, clamp (Short)	1 UR	44	93410-18M02	CIRCLIP	1
	688-43111-12-1D	BRACKET, clamp (Long)	1 UR	45	663-42510-03-1D	STEERING BRACKET ASSY (Short)	1 UR
2	663-45251-00	ANODE (Short)	2 UR		663-42510-13-1D	STEERING BRACKET ASSY (Long)	1 UR
	6H1-45251-02	ANODE (Long)	1 UR	46	90201-30M00	WASHER, plate	1
3	6H1-44526-00	PLATE (Long)	1 UR	47	90386-30M78	BUSH	1
4	90201-06M31	WASHER, plate (Long)	2 UR	48	90386-30M77	BUSH	2
5	97395-06012	BOLT (Long)	2 UR	49	90386-30M60	BUSH	1
6	92180-06025	SCREW, oval head (Short)	2 UR	50	663-44551-01-1D	HOUSING, lower mount rubber	1
	97395-06016	BOLT (Long)	2 UR	51	93410-28M06	CIRCLIP	1
7	92990-06100	WASHER, spring (Long)	2 UR	52	687-44555-00-94	MOUNT DAMPER, lower side	2
8	92990-06600	WASHER, plate (Long)	2 UR	53	90201-12M16	WASHER, plate	4
9	697-43112-03-1D	BRACKET, clamp (Short)	1 UR	54	90202-25M04	WASHER, plate	2
	688-43112-12-1D	BRACKET, clamp (Long)	1 UR	55	90201-13M19	WASHER, plate	2
10	6E5-82148-00	WIRE, lead 4	1	56	90109-12261	BOLT	2
11	98580-06012	SCREW, pan head	1	57	663-44575-00	DAMPER, lower mount rubber	2
12	648-43114-01	PAD, transom clamp	2	58	95380-12800	NUT, crown	2
13	663-43116-01	SCREW, transom clamp	2	59	687-44552-01-94	HOUSING, lower mount rubber	2
14	90243-04007	PIN	2	60	97395-08025	BOLT	4
15	663-43118-00-1D	HANDLE, transom clamp	2	61	92990-08100	WASHER, spring	4
16	97395-10045	BOLT	6	62	90501-14236	SPRING, compression	4
17	92990-10100	WASHER, spring	6	63	90179-06066	NUT	2
18	697-43311-03-1D	BRACKET, swivel (Short)	1 UR	64	663-44553-00-1D	COVER, lower mount	2
	6H1-43311-01-1D	BRACKET, swivel (Long)	1 UR	65	92380-06015	SCREW, cylinder head	2
19	90269-03010	RIVET (short)	1 UR	66	697-82127-01	WIRE, lead 2 (Short)	1 UR
20	93700-06M03	NIPPLE, grease	3		688-82127-02	WIRE, lead 2 (Long)	1 UR
21	663-45119-00	CAP, grease nipple	3	67	670-44514-00-94	MOUNT DAMPER, upper side	2
22	688-43691-01	INDICATOR, tilt	1	68	90109-08262	BOLT	2
23	93210-29M94	O-RING	2	69	90201-15423	WASHER, plate	2
24	688-43131-03	BOLT, clamp bracket	1	70	90202-15065	WASHER, plate	2
25	90386-22M15	BUSH	2	71	90201-09425	WASHER, plate	2
26	90201-22M67	WASHER, plate	2	72	90185-08045	NUT, self-locking	2
27	90185-22043	NUT, self-locking	1	73	663-44533-00	DAMPER, upper mount rubber	2
28	665-43145-00	CAP, clamp bracket	2	74	663-44511-00-94	COVER, upper mount	1
29	688-43181-04	LEVER, tilt stop (Short)	1 UR	75	97090-08035	BOLT	3
	6H1-43181-01	LEVER, tilt stop (LONG)	1 UR	76	92990-08100	WASHER, spring	3
30	688-43185-04	LEVER, tilt stop (Short)	1 UR	77	90116-10175	BOLT, stud	2
	6H1-43185-01	LEVER, tilt stop (Long)	1 UR	78	90185-10051	NUT, self-locking	2
31	90386-10M16	BUSH	4	79	688-48511-01-1D	HOOK, steering (Ball Post Type)	1 UR
32	92990-10600	WASHER, plate (Short)	1 UR		688-48511-51-1D	HOOK, steering (Steering Guide Type)	1 UR
33	90501-10M21	SPRING, compression (Short)	1 UR		670-48511-00	HOOK, steering (Rope Type)	1 UR
34	90387-10M38	COLLAR (Short)	1 UR	80	90101-12M51	BOLT	4
35	91490-30030	PIN, cotter (Short)	2 UR	81	92995-12200	WASHER	8
36	663-43318-00	COVER (Short)	2 UR	82	90201-12426	WASHER, plate	4
37	697-43160-00	TILT ROD ASSY (Short)	1 UR	83	95380-12600	NUT	8
	688-43160-01	TILT ROD ASSY (Long)	1 UR	84	665-43148-00	COLLAR, distance (Long)	2 UR
38	688-43165-00	.PLATE, tilt lock	1	85	91690-30020	PIN, spring (Long)	2 UR
39	91690-30012	.PIN, spring	1	86	90249-06M19	PIN (Long)	1 UR
40	90502-20M03	SPRING, conical (Short)	1 UR	87	90387-10M02	COLLAR (Long)	1 UR
	90502-16M02	SPRING, conical (Long)	1 UR	88	90506-14M24	SPRING, tension (Long)	1 UR
41	6E5-43126-02	PIN, upper shock mount	1	89	665-43144-00	HOOK, spring (Long)	1 UR
42	90386-18M21	BUSH	1	90	97395-06010	BOLT (Long)	1 UR
43	90386-18M35	BUSH	2				

COLA



Fig. 8 BRACKET 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	697-43170-03-1D	SHOCK ABSORBER ASSY (Short)	1 UR	7	90386-18M21	BUSH (Short)	1 UR
	688-43170-04-1D	SHOCK ABSORBER ASSY (Long)	1 UR		90386-18M63	BUSH (Long)	2 UR
2	688-43631-00	LEVER, tilt (Short)	1 UR	8	90386-18M35	BUSH	4
	688-43631-10	LEVER, tilt (Long)	1 UR	9	688-43186-00	LEVER (Long)	1 UR
3	682-43318-01	COVER (Long)	1	10	91690-30020	PIN, spring (Long)	1 UR
4	97395-06010	BOLT	1	11	6J8-41262-00	JOINT, choke lever (Long)	1 UR
5	697-43128-01-1D	SPACER, clamp bracket (Short)	1 UR	12	688-43616-00	ROD, tilt lock (Long)	1 UR
	688-43128-01-1D	SPACER, clamp bracket (Long)	1 UR	13	90202-03M51	WASHER, plate (Long)	1 UR
6	688-43124-02	PIN, lower shock mount	1	14	688-43651-00	LEVER, reverse lock 1 (Long)	1 UR

Fig. 9 CONTROL

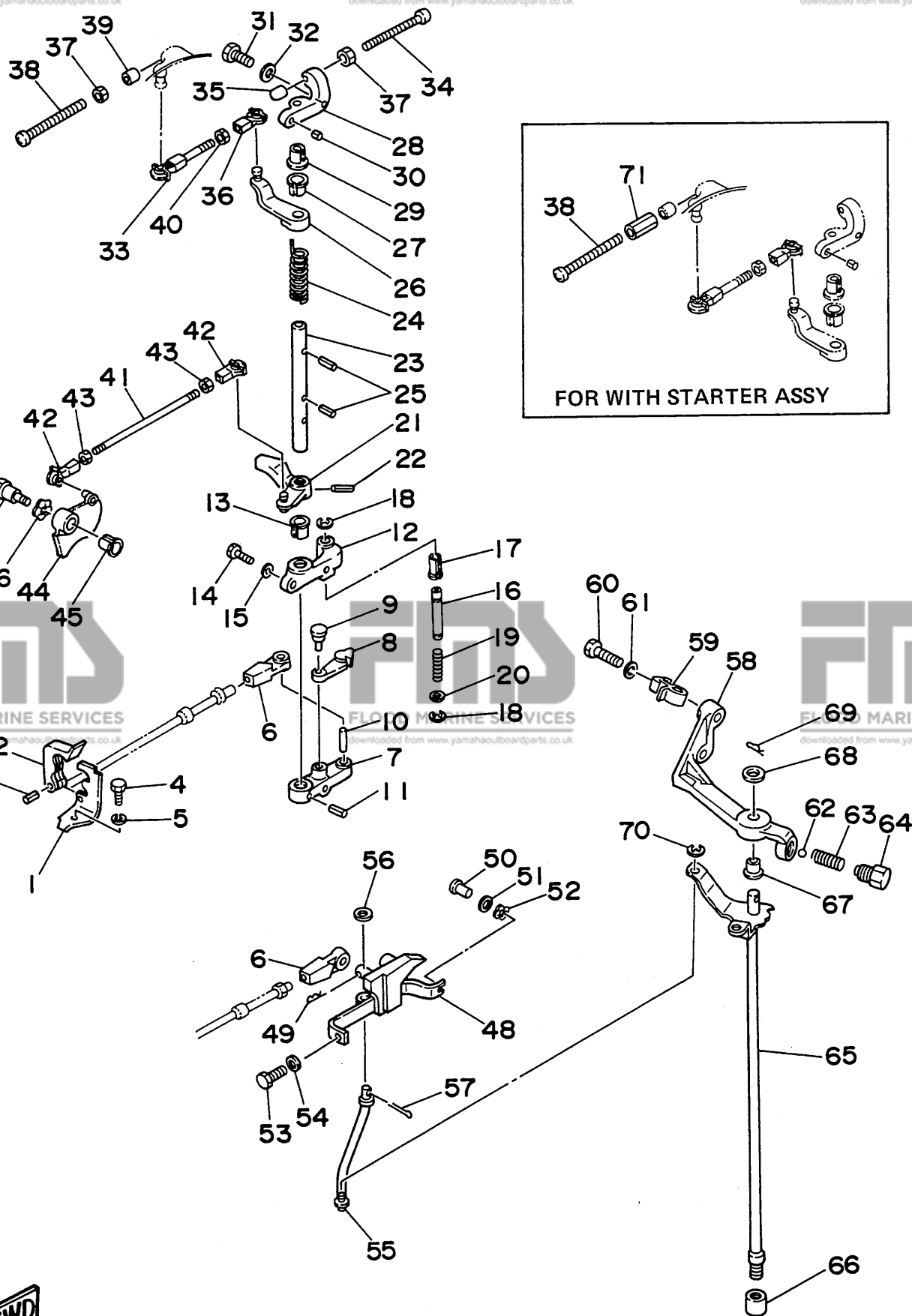


Fig. 9 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	663-48531-00	BRACKET, remote control 1	1	38	90157-06M11	SCREW, pan head	1 UR
2	663-48538-00	CLAMP, cable 1	1		90157-06M12	SCREW, pan head (For With Starter Assy)	1 UR
3	91690-30012	PIN, spring	1	39	688-44194-00	CAP	1
4	97395-08016	BOLT	1	40	95380-05600	NUT	1
5	92995-08100	WASHER, spring	1	41	697-41211-00	LINK, accel.	1
6	663-48344-00	CABLE END, remote control	2	42	6H4-41237-00	JOINT, link	2
7	663-41632-00-94	LEVER, magneto control	1	43	95380-05600	NUT	2
8	663-41282-00	STOPPER, free accel. link	1	44	663-41213-01-94	CAM, accel.	1
9	90249-05125	PIN	1	45	90386-10009	BUSH	1
10	93607-23110	PIN, dowel	1	46	90206-10M04	WASHER, wave	1
11	91690-30018	PIN, spring	1	47	90109-06260	BOLT	1
12	663-41662-00-94	BRACKET	1	48	663-44117-01	BRACKET	1
13	90386-10009	BUSH	1	49	90468-18008	CLIP	1
14	97395-06018	BOLT	2	50	90241-06M00	PIN	1
15	92990-06600	WASHER, plate	2	51	92990-06600	WASHER, plate	1
16	663-44114-00	STOPPER	1	52	90206-06040	WASHER, wave	1
17	90386-06M39	BUSH	1	53	97313-06018	BOLT	1
18	99080-05600	CIRCLIP	2	54	92990-06600	WASHER, plate	1
19	90501-08232	SPRING, compression	1	55	663-44121-01	LEVER, shift rod	1
20	92990-06600	WASHER, plate	1	56	92990-06600	WASHER, plate	1
21	663-41633-00-94	LEVER, magneto control	1	57	91490-16015	PIN, cotter	1
22	91690-30018	PIN, spring	1	58	688-44118-00-94	BRACKET	1
23	663-41635-00	SHAFT, link connecting	1	59	90462-05M02	CLAMP	1
24	90508-20169	SPRING, torsion	1	60	97313-08030	BOLT	2
25	91690-30018	PIN, spring	2	61	92990-08100	WASHER, spring	2
26	663-41631-00-94	LEVER, magneto control	1	62	93501-04M02	BALL	1
27	90386-10009	BUSH	1	63	90501-12082	SPRING, compression	1
28	663-41661-00-94	BRACKET	1	64	648-42715-00	BUSHING	1
29	90386-10009	BUSH	1	65	697-44120-01	HANDLE GEAR SHIFT ASSY (Short)	1 UR
30	91690-40010	PIN, spring	1		697-44120-11	HANDLE GEAR SHIFT ASSY (Long)	1 UR
31	97395-06018	BOLT	1	66	696-44147-00	BOOT, shift rod	1
32	92990-06600	WASHER, plate	1	67	90386-08006	BUSH	1
33	688-41636-00	ROD, magneto control	1	68	92990-08200	WASHER, plain	1
34	90157-06M12	SCREW, pan head	1	69	90468-18008	CLIP	1
35	663-44194-00	CAP	1	70	99080-05600	CIRCLIP	1
36	6H1-41237-00	JOINT, link	1	71	90170-06249	NUT (For With Starter Assy)	1 UR
37	95380-06700	NUT	2 UR				
	95380-06700	NUT (For With Starter Assy)	1 UR				

Fig. 10 STEERING

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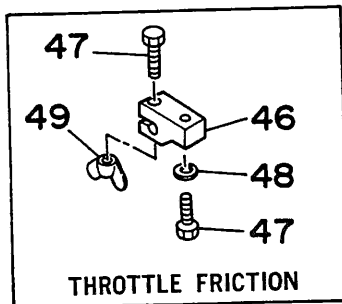
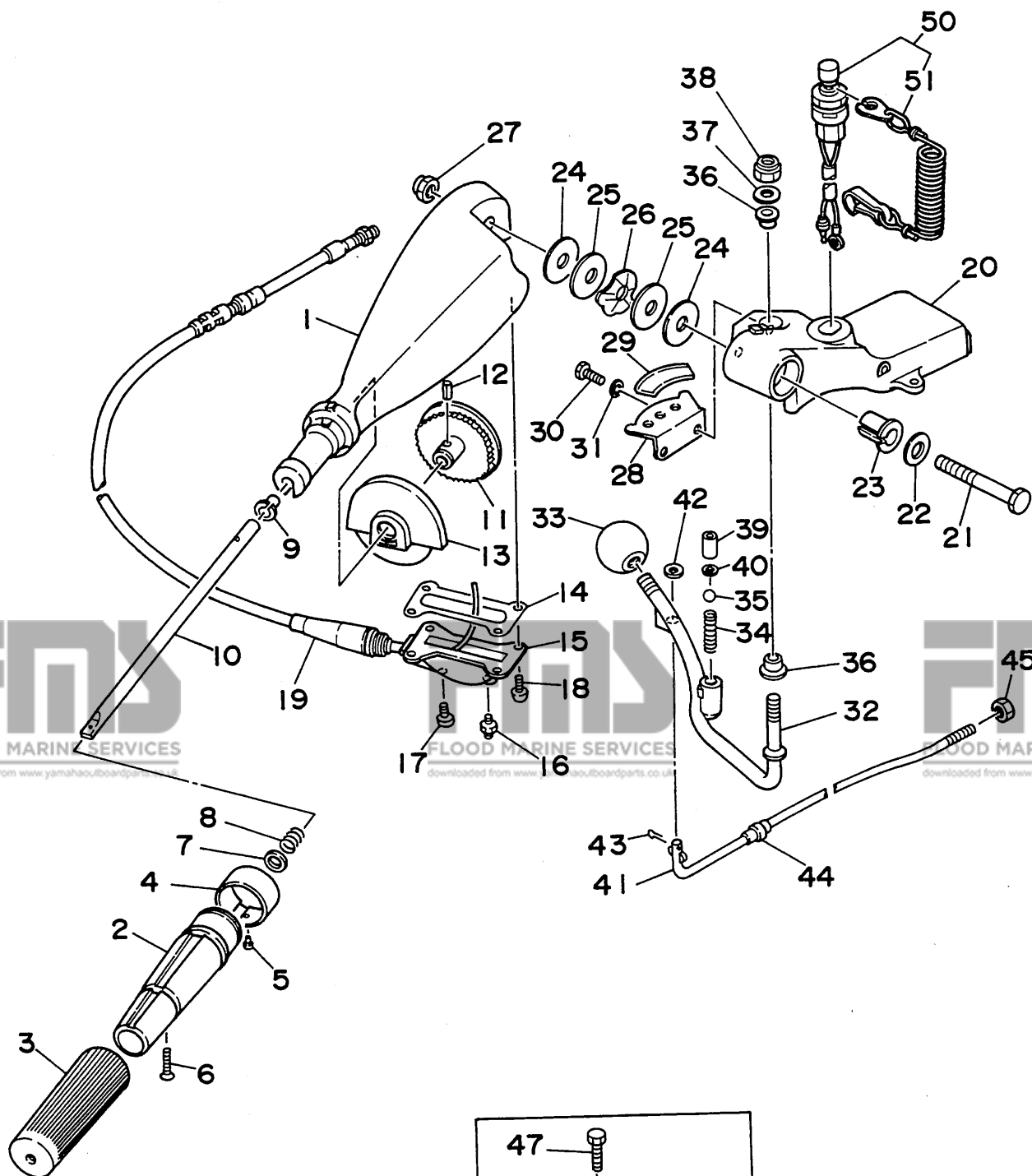
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Fig. 10 STEERING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	663-42111-01-1D	HANDLE, steering	1	27	90185-12058	NUT, self-locking	1
2	664-42119-00	GRIP, steering handle	1	28	697-44113-00	CAM PLATE, handle	1
3	6G1-42177-00	RUBBER, handle	1	29	6K5-44191-00	INDICATOR, shift	1
4	697-42137-01	INDICATOR, throttle	1	30	97313-06016	BOLT	2
5	90269-02M09	RIVET	1	31	92995-06100	WASHER, spring	2
6	90149-05M13	SCREW	1	32	697-44159-00	HANDLE, gear shift	1
7	92990-10600	WASHER, plate	1	33	663-44173-00	LEVER, shift control	1
8	90501-23215	SPRING, compression	1	34	90501-16M17	SPRING, compression	1
9	90386-08032	BUSH	1	35	93515-32M01	BALL	1
10	663-42115-00	SHAFT, steering handle	1	36	90386-10009	BUSH	2
11	663-42138-00	LEVER, throttle	1	37	90201-10120	WASHER, plate	1
12	91690-30216	PIN, spring	1	38	90185-10051	NUT, self-locking	1
13	663-42135-01	HOUSING, throttle lever	1	39	90387-12M30	COLLAR	1
14	663-42133-01	GASKET	1	40	90201-12M34	WASHER, plate	1
15	663-42134-02-94	COVER, throttle lever	1	41	663-42164-00	ROD, manual shift	1
16	93700-06M03	NIPPLE, grease	1	42	92990-06600	WASHER, plate	1
17	97895-06008	SCREW, pan head	1	43	91490-25015	PIN, cotter	1
18	97895-05012	SCREW, pan head	4	44	90386-06088	BUSH	1
19	692-26301-03	THROTTLE CABLE ASSY	1	45	700-48339-00	NUT, cable end	1
20	697-42121-00-1D	BRACKET	1	46	663-42126-01	FRICTION, steering handle grip	1
21	90101-12M06	BOLT	1	47	97395-06025	BOLT	2
22	92990-12200	WASHER, plain	1	48	92990-06600	WASHER, plate	1
23	90386-12089	BUSH	1	49	90175-06003	NUT, wing	1
24	90202-12092	WASHER, plate	2	50	696-82575-13	ENGINE STOP SWITCH ASSY (55BM)	1
25	90201-12537	WASHER, plate	2	51	682-82556-00	.STOPPER	1
26	90206-12054	WASHER, wave	1				

Fig. 11 UPPER CASING

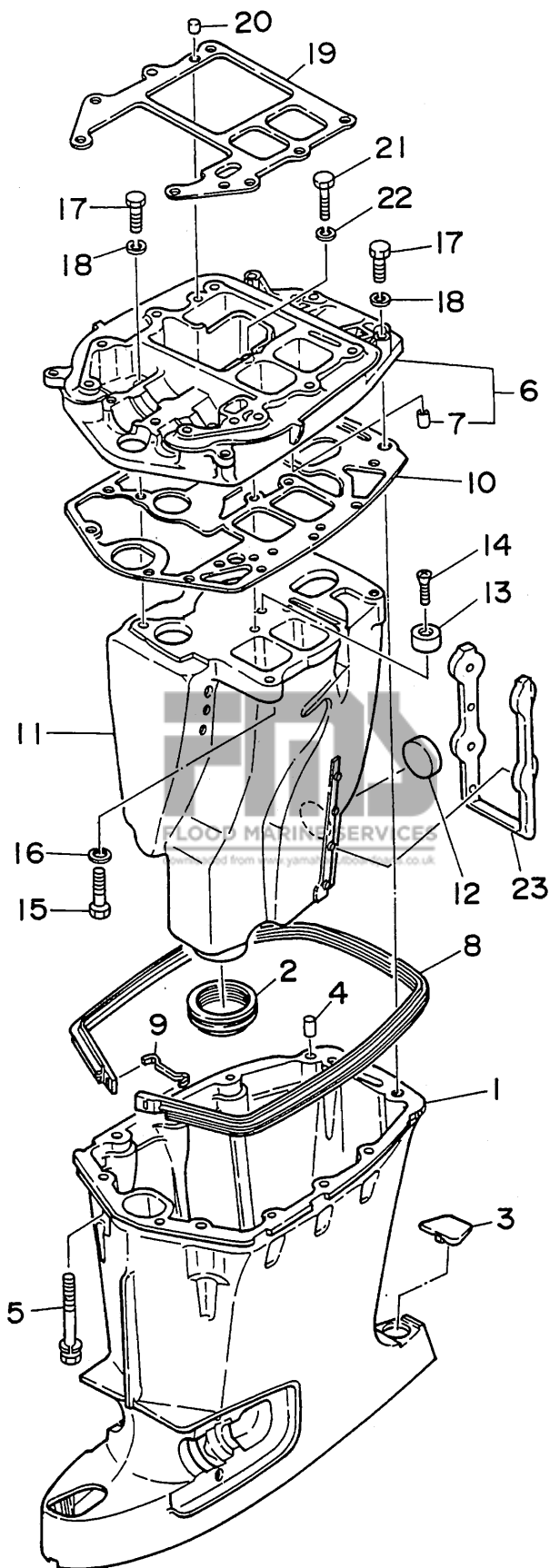


Fig. 11 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	691-45111-00-1D	CASING, upper (Short)	1 UR	12	90334-30017	PLUG, straight	1
	691-45111-12-1D	CASING, upper (Long)	1 UR	13	663-45251-00	ANODE	1
2	663-45123-00	GASKET, muffler	1	14	92180-06025	SCREW, oval head	1
3	663-45155-10	CAP	1	15	97090-08035	BOLT	1
4	93606-12019	PIN, dowel	2	16	92990-08100	WASHER, spring	1
5	90119-08M82	BOLT, with washer	8	17	97395-08030	BOLT	6
6	663-41137-03-5B	GUIDE, exhaust	1	18	92990-08100	WASHER, spring	6
7	90386-02M04	.BUSH	1	19	696-45113-A0	GASKET, upper casing	1
8	663-45127-00	SEAL	1	20	93606-12019	PIN, dowel	2
9	663-45129-00	HOOK, damper seal	1	21	97395-08040	BOLT	1
10	697-45114-A0	GASKET, upper casing	1	22	92990-08100	WASHER, spring	1
11	663-14711-02-5B	MUFFLER 1 (Short)	1 UR	23	663-14737-00	DAMPER, muffler (Short)	1 UR
	663-14711-12-5B	MUFFLER 1 (Long)	1 UR		663-14737-10	DAMPER, muffler (Long)	1 UR

Fig. 12 LOWER CASING. DRIVE I

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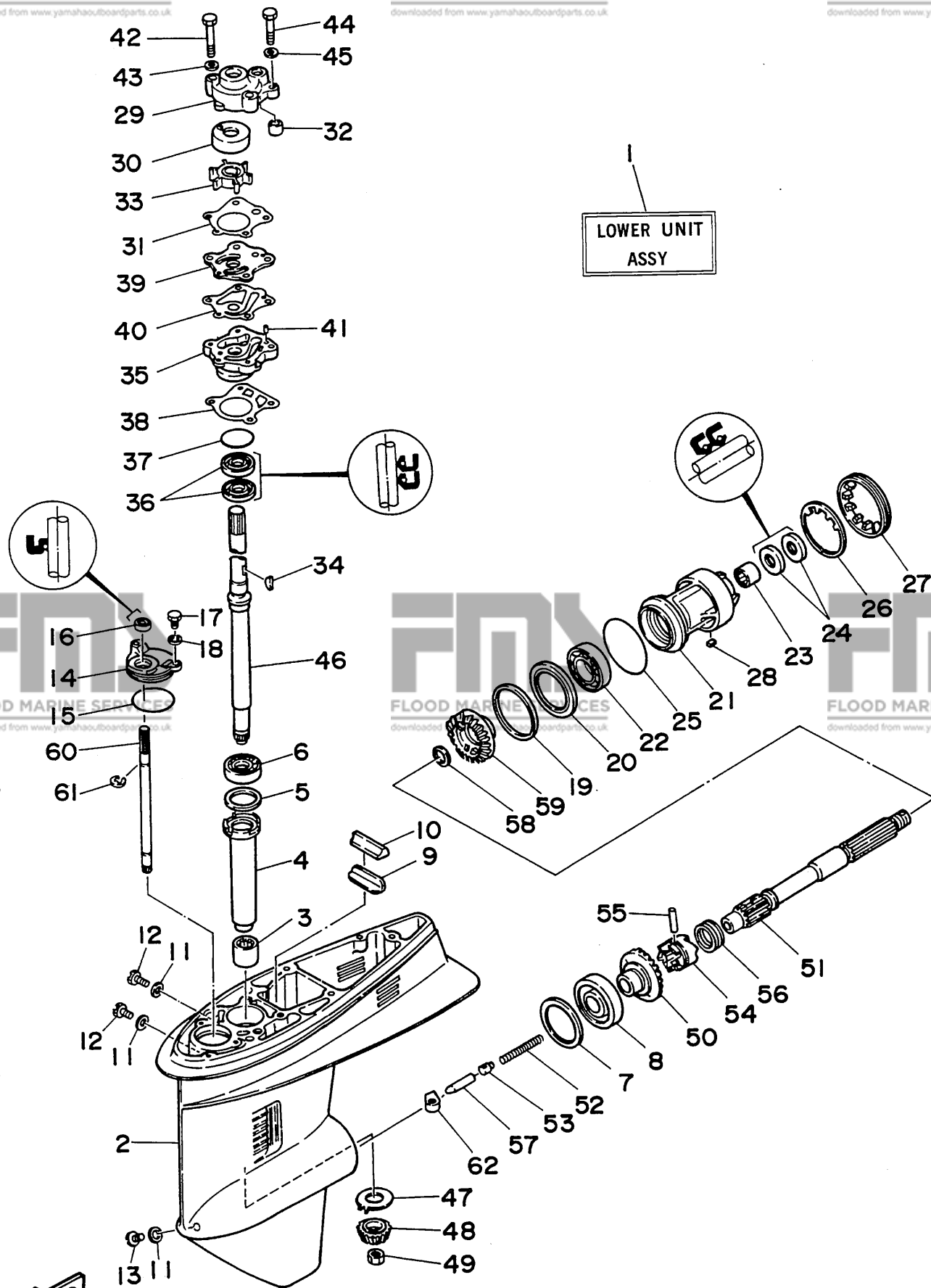
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LOWER UNIT
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Fig. 12 LOWER CASING. DRIVE 1

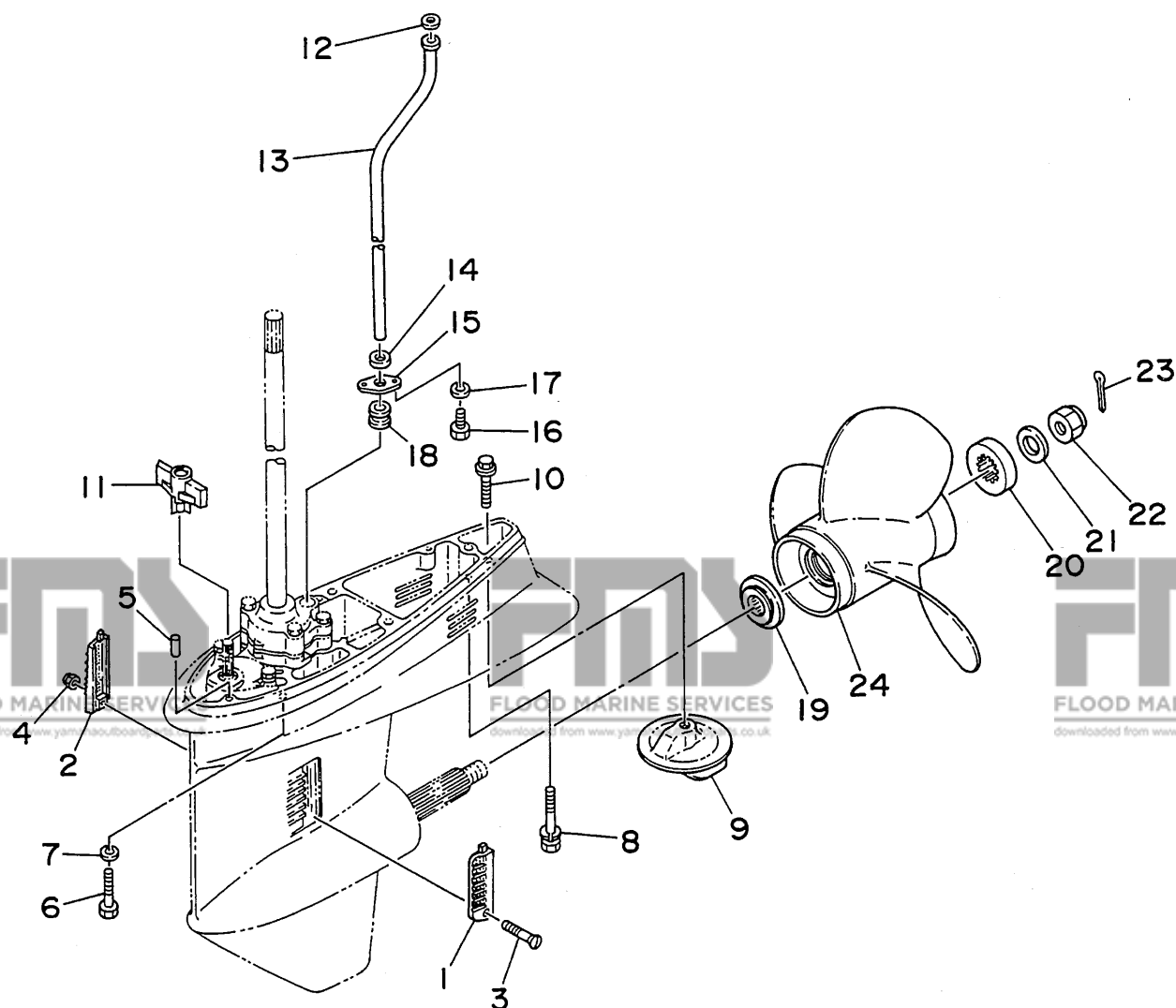
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	697-45300-01-1D	LOWER UNIT ASSY (Short) (Ref.No. 2 to 62)	1 UR	22	93306-00702	BEARING	1
	697-45300-11-1D	LOWER UNIT ASSY (Long) (Ref.No. 2 to 62)	1 UR	23	93317-22204	BEARING, cylindrical	1
2	697-45311-00-1D	CASING, lower	1	24	93101-22067	OIL SEAL	2
3	93315-32224	BEARING, cylindrical	1	25	93210-66M98	O-RING	1
4	663-45536-00	SLEEVE, drive shaft	1	26	90214-48M03	WASHER, claw	1
5	663-45587-01-10	SHIM (T:0.10MM)	1 UR	27	697-45384-00	NUT	1
	663-45587-01-12	SHIM (T:0.12MM)	1 UR	28	90282-04010	KEY, straight	1
	663-45587-01-15	SHIM (T:0.15MM)	1 UR	29	663-44311-02	HOUSING, water pump	1
	663-45587-01-18	SHIM (T:0.18MM)	1 UR	30	663-44322-00	INSERT, cartridge	1
	663-45587-01-30	SHIM (T:0.30MM)	1 UR	31	663-44315-A0	GASKET, water pump	1
	663-45587-01-40	SHIM (T:0.40MM)	1 UR	32	663-44366-00	DAMPER, water seal	1
	663-45587-01-50	SHIM (T:0.50MM)	1 UR	33	697-44352-00	IMPELLER	1
6	93332-00023	BEARING	1	34	90280-03M03	KEY, woodruff	1
7	663-45567-01-10	SHIM (T:0.10MM)	1 UR	35	663-44341-00-94	HOUSING, water pump	1
	663-45567-01-12	SHIM (T:0.12MM)	1 UR	36	93101-23070	OIL SEAL	2
	663-45567-01-15	SHIM (T:0.15MM)	1 UR	37	93210-41042	O-RING	1
	663-45567-01-18	SHIM (T:0.18MM)	1 UR	38	663-44316-A0	GASKET, water pump	1
	663-45567-01-30	SHIM (T:0.30MM)	1 UR	39	663-44323-00	OUTER PLATE, cartridge	1
	663-45567-01-40	SHIM (T:0.40MM)	1 UR	40	663-44324-A0	GASKET, cartridge	1
	663-45567-01-50	SHIM (T:0.50MM)	1 UR	41	93604-08062	PIN, dowel	2
8	93332-00003	BEARING	1	42	97395-08055	BOLT	2
9	663-45376-00-94	GUIDE, seal damper	1	43	92990-08600	WASHER, plate	2
10	663-45375-00	DAMPER, seal	1	44	97395-08045	BOLT	2
11	90430-08020	GASKET	3	45	92990-08600	WASHER, plate	2
12	90340-08M04	PLUG, straight screw	2	46	663-45510-01	DRIVE SHAFT ASSY (Short)	1 UR
13	688-45341-00	PLUG, drain	1		663-45510-11	DRIVE SHAFT ASSY (Long)	1 UR
14	663-45321-00	PLATE	1	47	663-45552-00	BEARING, plain	1
15	93210-49046	O-RING	1	48	697-45551-00	PINION	1
16	93106-09014	OIL SEAL	1	49	90170-12138	NUT	1
17	97395-06016	BOLT	2	50	697-45560-00	GEAR	1
18	92990-06600	WASHER, plate	2	51	697-45611-00	SHAFT, propeller	1
19	663-45577-01-10	SHIM (T:0.10MM)	1 UR	52	90501-16233	SPRING, compression	1
	663-45577-01-12	SHIM (T:0.12MM)	1 UR	53	663-45634-00	SLIDE, shift	1
	663-45577-01-15	SHIM (T:0.15MM)	1 UR	54	663-45631-01	CLUTCH, dog	1
	663-45577-01-18	SHIM (T:0.18MM)	1 UR	55	90250-06023	PIN, straight	1
	663-45577-01-30	SHIM (T:0.30MM)	1 UR	56	663-45633-00	RING, cross pin	1
	663-45577-01-40	SHIM (T:0.40MM)	1 UR	57	688-45635-00	PLUNGER, shift	1
	663-45577-01-50	SHIM (T:0.50MM)	1 UR	58	90201-22429	WASHER, plate	1
20	663-45576-00	WASHER, thrust	1	59	697-45571-00	GEAR	1
21	663-45331-00-94	HOUSING, bearing	1	60	663-44144-01	ROD, shift	1
				61	99001-08600	CIRCLIP	1
				62	663-44151-00	CAM, shift	1

Fig. 13 LOWER CASING. DRIVE 2

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Fig. 13 LOWER CASING. DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-45214-02	COVER, water inlet	1	20	670-45997-02	SPACER	1
2	688-45215-02	COVER, water inlet	1	21	92990-16200	WASHER, plain	1
3	98680-05540	SCREW, oval head	1	22	90171-16011	NUT, castle	1
4	90185-05002	NUT, self-locking	1	23	91490-40030	PIN, cotter	1
5	93606-12019	PIN, dowel	2	24	663-45943-02-EL	PROPELLER (3X11"X15"-G)	1 UR
6	97395-10040	BOLT	4		663-45941-01-EL	PROPELLER (3X10-3/4"X17"-G)	1 UR
7	92990-10100	WASHER, spring	4		663-45945-02-EL	PROPELLER (3X11-1/8"X13"-G)	1 UR
8	90119-08M84	BOLT, with washer	1		663-45947-02-EL	PROPELLER (3X11-5/8"X11"-G)	1 UR
9	679-45371-00	TAB-TRIM	1		663-45949-01-EL	PROPELLER (3X10-3/4"X16"-G)	1 UR
10	90105-10M00	BOLT, washer based	1		663-45952-02-EL	PROPELLER (3X11-3/8"X12"-G)	1 UR
11	697-43662-00	GUIDE, reverse rod	1		663-45954-01-EL	PROPELLER (3X11-3/4"X10"-G)	1 UR
12	90202-12060	WASHER, plate	1		663-45956-01-EL	PROPELLER (3X12-1/4"X9"-G)	1 UR
13	663-44361-00	TUBE, water (Short)	1 UR		663-45958-01-EL	PROPELLER (3X11-1/4"X14"-G)	1 UR
	663-44361-10	TUBE, water (Long)	1 UR		STAINLESS STEEL PROPELLER		
14	90430-12072	GASKET	1		663-45970-60-98	PROPELLER (3X11-3/4"X12"-G)	1 UR
15	663-44373-00	SET PLATE, water tube	1		663-45930-00-98	PROPELLER (3X10-1/4"X14"-G)	1 UR
16	97395-06012	BOLT	2		663-45972-60-98	PROPELLER (3X12"X11"-G)	1 UR
17	92990-06100	WASHER, spring	2		663-45976-00-98	PROPELLER (3X10-1/4"X15"-G)	1 UR
18	663-44367-00	DAMPER, water seal	1		663-45974-60-98	PROPELLER (3X11-1/2"X13"-G)	1 UR
19	663-45987-02	SPACER	1		663-45978-00-98	PROPELLER (3X10-1/4"X16"-G)	1 UR

Fig. 14 MAGNETO

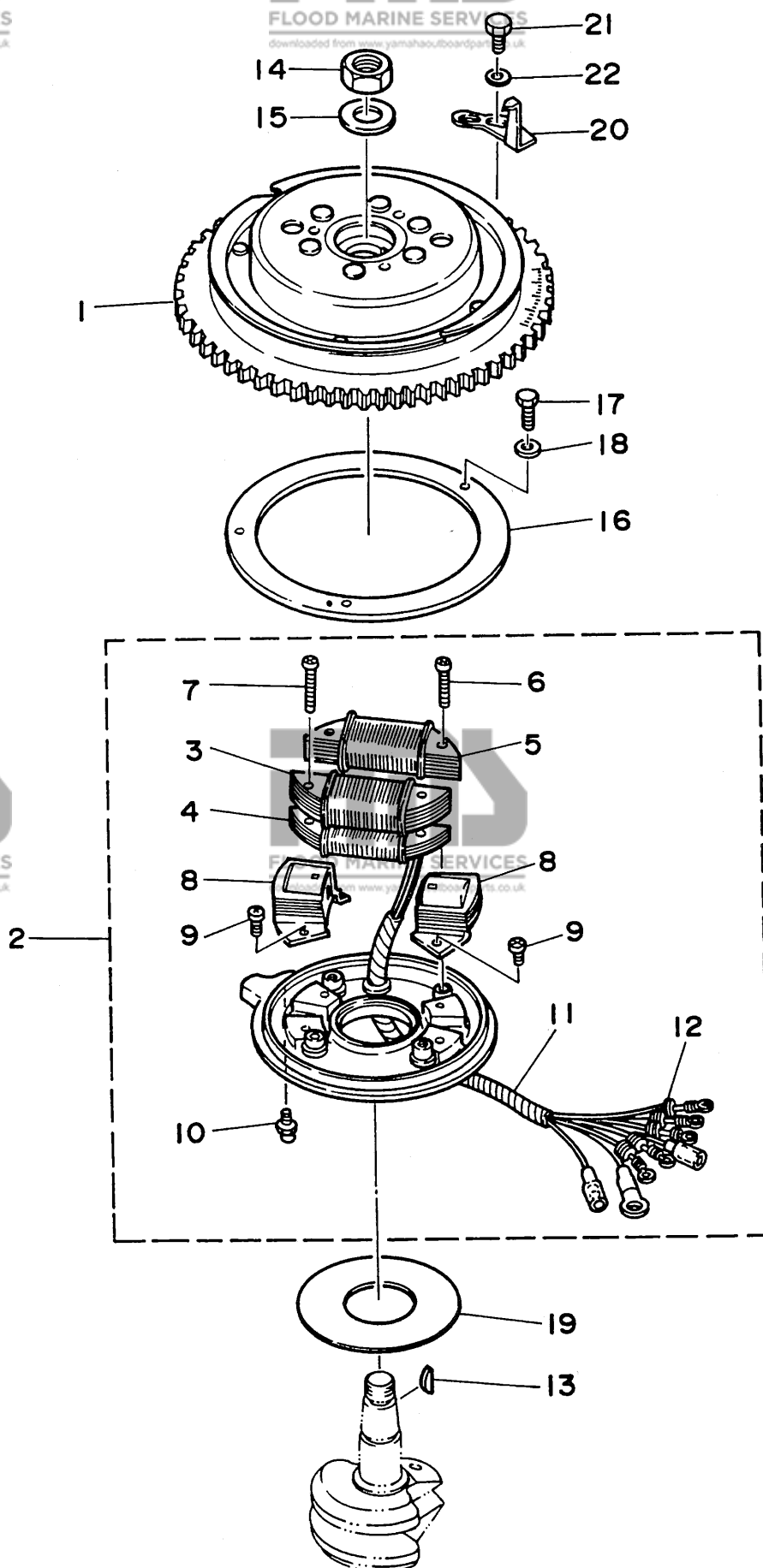


Fig. 14 MAGNETO

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	697-85550-A0	ROTOR ASSY	1	12	90480-06158	.GROMMET	5
2	697-85560-A1	BASE ASSY	1	13	90280-05049	KEY, woodruff	1
3	663-85541-A0	.COIL, charge	1	14	90170-20137	NUT	1
4	663-85565-A0	.COIL, trigger	1	15	90201-21M18	WASHER, plate	1
5	663-81313-A0	.COIL, lighting 1	1	16	663-41612-00	RETAINER, magneto base	1
6	98501-05030	.SCREW, pan head	2	17	97313-06020	BOLT	3
7	98501-05035	.SCREW, pan head	2	18	92990-06600	WASHER, plate	3
8	663-85580-10	.COIL, pulser	2	19	663-41619-00	WASHER, magneto	1
9	98580-04010	.SCREW, pan head	4	20	697-81332-00	PLATE, timing	1
10	663-85518-00	.JOINT, ball	1	21	97395-06016	BOLT	1
11	697-85515-10	.LEAD WIRE ASSY	1	22	92990-06600	WASHER, plate	1

Fig. 15 STARTING MOTOR

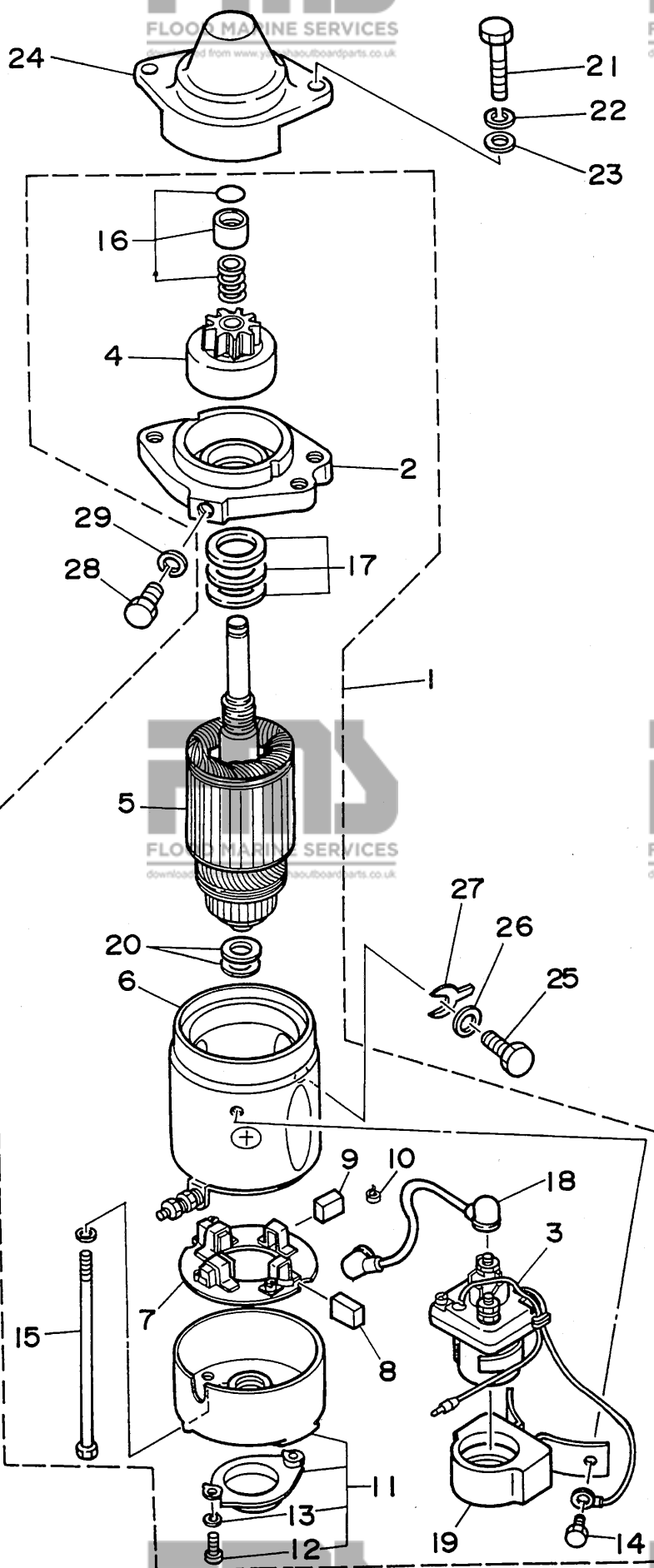


Fig. 15 STARTING MOTOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	697-81800-12	STARTING MOTOR ASSY	1	16	697-81857-11	.PINION STOPPER SET	1
2	676-81830-10	.FRONT BRACKET ASSY	1	17	697-81809-10	.WASHER KIT	1
3	682-81941-11	.STARTER RELAY ASSY	1	18	697-81815-10	.CORD, starter motor	1
4	663-81832-11	.PINION ASSY	1	19	697-81952-10	.HOLDER, relay	1
5	676-81850-11	.ARMATURE ASSY	1	20	688-81824-00	.WASHER 2	2
6	663-81810-11	.STATOR ASSY	1	21	97313-08040	BOLT	2
7	663-81840-11	.BRUSH HOLDER ASSY	1	22	92990-08100	WASHER, spring	2
8	663-81811-11	.BRUSH 1	2	23	92990-08600	WASHER, plate	2
9	663-81812-11	.BRUSH 2	2	24	663-81842-00-94	COVER	1
10	663-81813-10	.SPRING, brush	4	25	97013-08025	BOLT	1
11	663-81820-12	.REAR BRACKET ASSY	1	26	92990-08100	WASHER, spring	1
12	98580-04012	..SCREW, pan head	2	27	663-81162-00	WASHER, plain	1
13	92901-04100	.WASHER, spring	2	28	97313-08016	BOLT	1
14	97313-06010	.BOLT	2	29	92990-08100	WASHER, spring	1
15	663-81826-10	.BOLT	2				

Fig. 16 ELECTRICAL

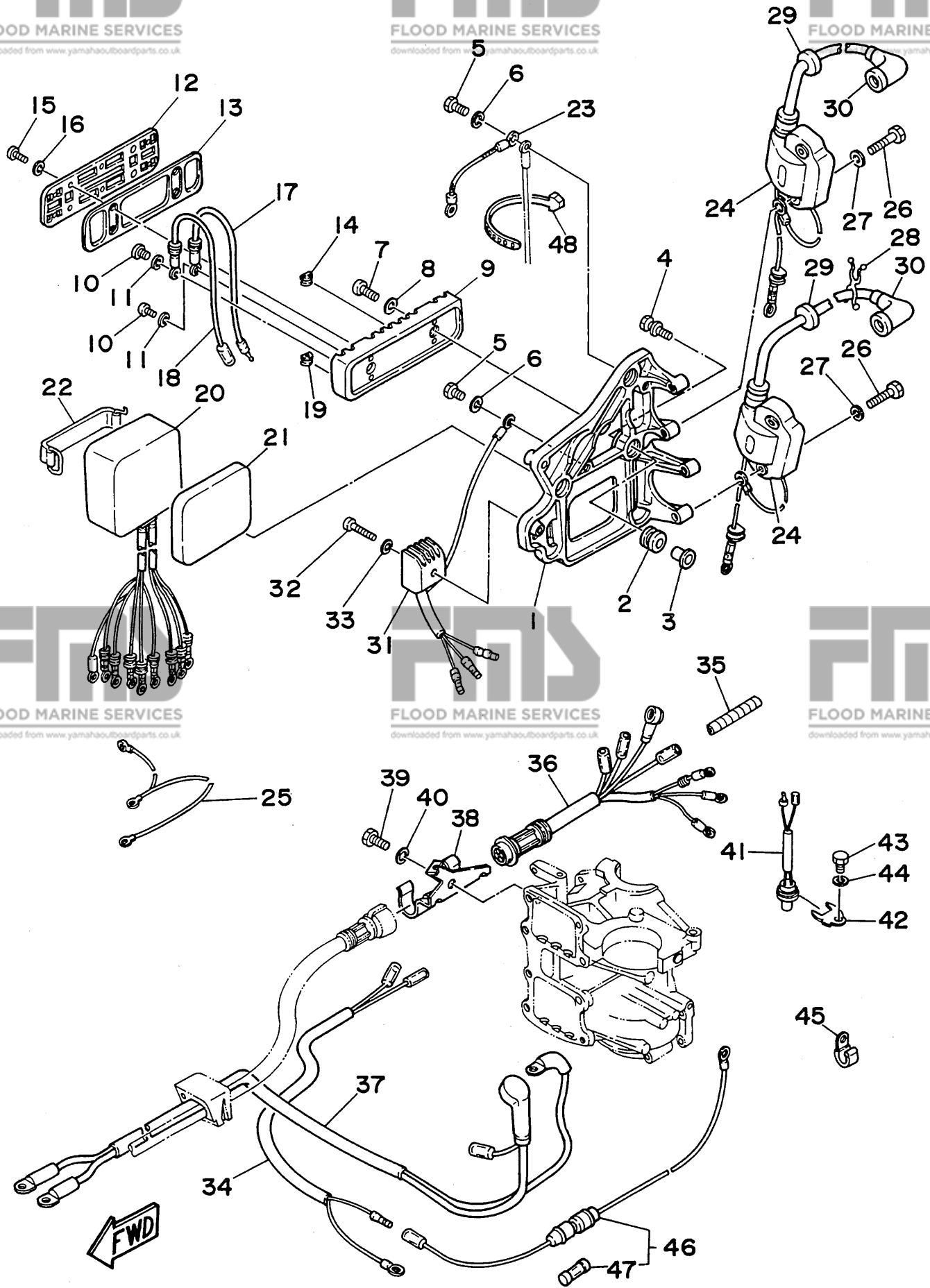


Fig. 16 ELECTRICAL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	663-85542-00-94	BRACKET	1	23	662-82519-00	WIRE, earth lead	1
2	6A0-82317-00	DAMPER, ignition coil	3	24	697-85570-11	IGNITION COIL ASSY	2
3	624-42542-00	PIPE	3	25	697-82519-00	WIRE, earth lead	1
4	90119-06M90	BOLT, with washer	3	26	97395-06030	BOLT	4
5	97395-06012	BOLT	2	27	92990-06600	WASHER, plate	4
6	92990-06100	WASHER, spring	2	28	90464-08M02	CLAMP	1
7	98503-06018	SCREW, pan head	2	29	90480-25161	GROMMET	2
8	92990-06600	WASHER, plate	2	30	661-82370-20	PLUG CAP ASSY	2
9	663-81925-01	TERMINAL	1	31	664-81970-61	RECTIFIER ASSY	1
10	98580-04008	SCREW, pan head	10	32	98580-05530	SCREW, pan head	1
11	92990-04200	WASHER, plain	10	33	92990-05100	WASHER, spring	1
12	697-81916-01	COVER, terminal	1	34	697-81971-00	WIRE, lead	1
13	663-81921-00	GASKET, terminal	1	35	90446-10M02	HOSE	3
14	90480-06066	GROMMET	1 UR	36	697-82590-11	WIRE HARNESS ASSY	1
	90480-06157	GROMMET (55BM)	2 UR	37	697-82105-12	WIRE HARNESS	1
15	98580-04020	SCREW, pan head	4	38	697-82594-00	CLAMP	1
16	92903-04100	WASHER, spring	4	39	97395-08016	BOLT	1
17	663-81315-00	LEAD WIRE ASSY	1	40	92995-08600	WASHER, plate	1
18	663-81316-00	WIRE, lead 2	1	41	688-82560-00	THERMO SWITCH ASSY	1
19	663-81922-00	GROMMET	1 UR	42	663-82588-00	PLATE	1
	90480-06157	GROMMET (55BM)	2 UR	43	97313-06010	BOLT	1
20	663-85540-15	C.D.I. UNIT ASSY	1	44	92990-06100	WASHER, spring	1
21	663-85547-01	DAMPER	1	45	90465-08028	CLAMP	1
22	663-82131-01	BAND, battery	1	46	682-82150-10	FUSE HOLDER ASSY	1
				47	682-82151-00	.FUSE	1
				48	90465-13M39	CLAMP	1

Fig. 17 REPAIR KIT I

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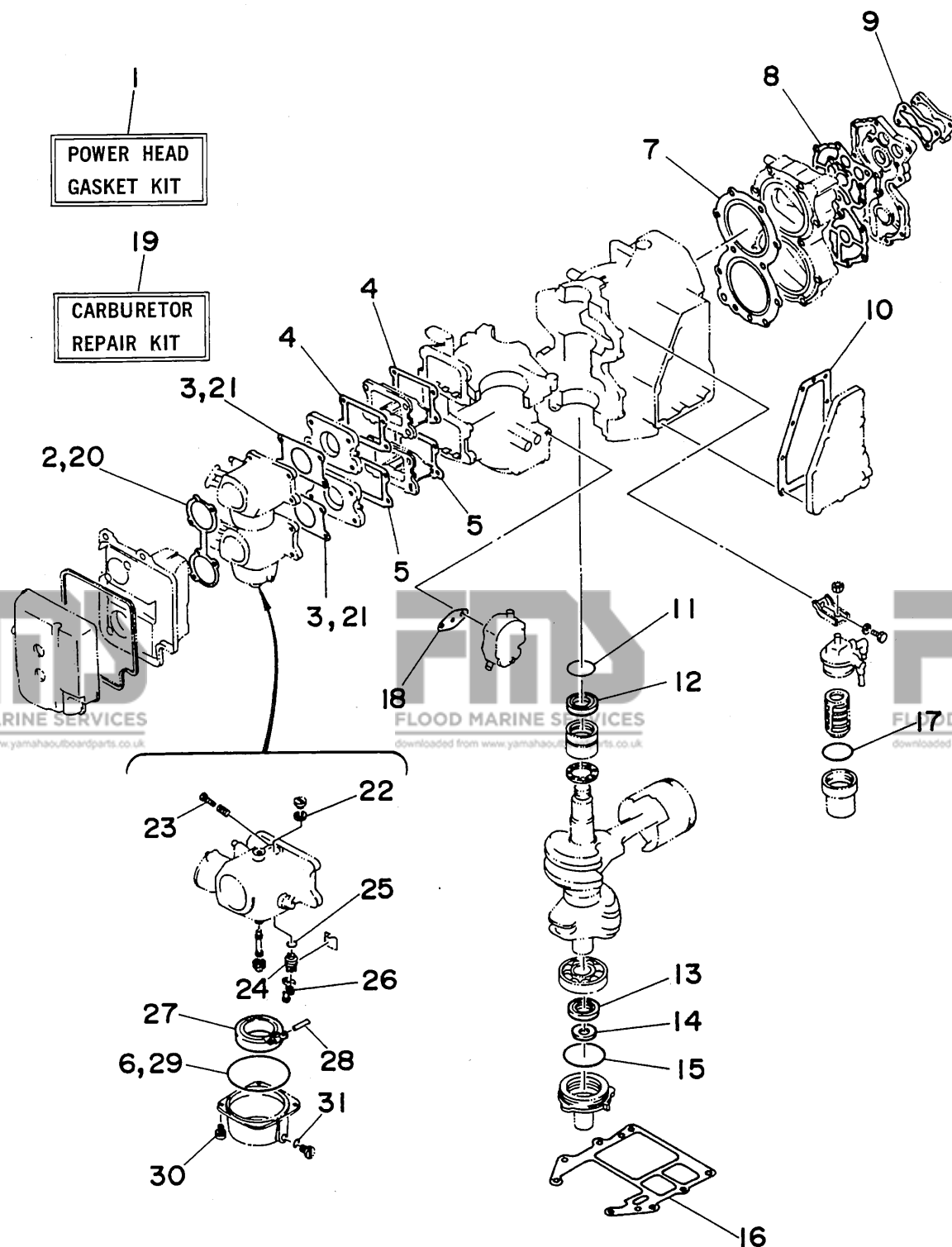
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Fig. 17 REPAIR KIT 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	697-W0001-01	POWER HEAD GASKET KIT	1	17	93210-37M25	.O-RING	1
2	663-14483-A0	.GASKET	1	18	650-24431-A0	.GASKET, fuel pump 1	1
3	663-14198-A0	.GASKET	2	19	696-W0093-02	CARBURETOR REPAIR KIT	1
4	663-13621-A0	.GASKET, valve seat	2	20	663-14483-A0	.GASKET	1
5	663-13622-A0	.GASKET, valve seat	2	21	663-14198-A0	.GASKET	2
6	93210-64272	.O-RING	2	22	679-14557-00	.WASHER	2
7	697-11181-A0	.GASKET, cylinder head 1	1	23	663-14923-00	.SCREW, pilot	2
8	663-11193-A0	.GASKET, head cover 1	1	24	696-14590-00	.NEEDLE VALVE ASSY	2
9	663-12414-A0	.GASKET, cover	1	25	93210-07229	.O-RING	2
10	663-41114-A0	.GASKET, exhaust outer cover	1	26	676-14186-00	.PIN, float	2
11	93210-42159	.O-RING	1	27	6F0-14985-00	.FLOAT	2
12	93102-32M07	.OIL SEAL	1	28	663-14548-00	.PIN, float arm	2
13	93102-28135	.OIL SEAL	1	29	93210-64272	.O-RING	2
14	93104-18049	.OIL SEAL	1	30	90159-04007	.SCREW, with washer	2
15	93210-62269	.O-RING	1	31	93210-04230	.O-RING	2
16	696-45113-A0	.GASKET, upper casing	1				

Fig. 18 REPAIR KIT 2

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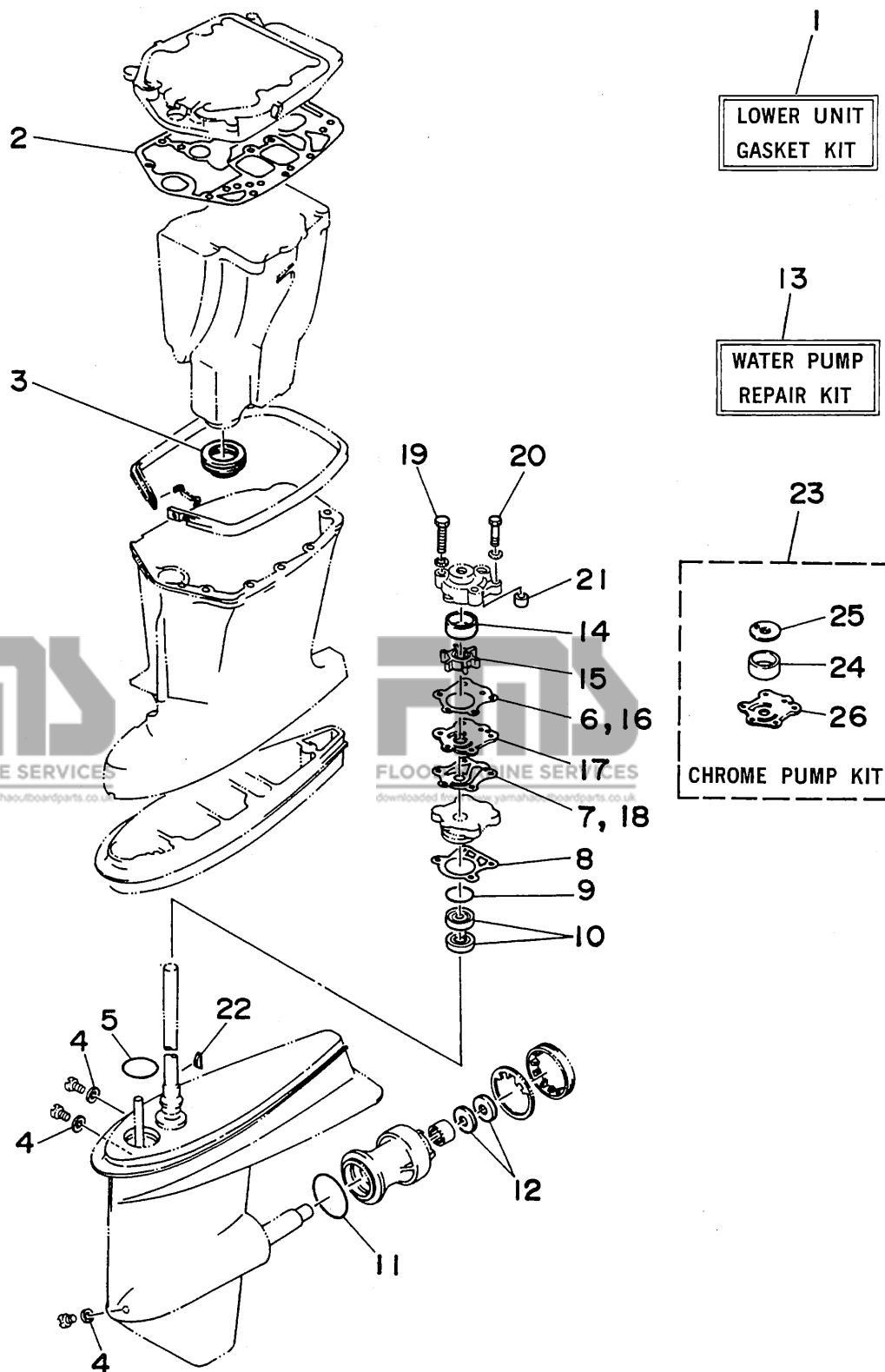
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Fig. 18 REPAIR KIT 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	698-W0001-21	LOWER UNIT GASKET KIT	1	14	663-44322-00	.INSERT, cartridge	1
2	697-45114-A0	.GASKET, upper casing	1	15	697-44352-00	.IMPELLER	1
3	663-45123-00	.GASKET, muffler	1	16	663-44315-A0	.GASKET, water pump	1
4	90430-08020	.GASKET	3	17	663-44323-A0	.OUTER PLATE, cartridge	1
5	93210-49046	.O-RING	1	18	663-44324-A0	.GASKET, cartridge	1
6	663-44315-A0	.GASKET, water pump	1	19	97395-08055	.BOLT	2
7	663-44324-A0	.GASKET, cartridge	1	20	97395-08045	.BOLT	2
8	663-44316-A0	.GASKET, water pump	1	21	663-44366-00	.DAMPER, water seal	1
9	93210-41042	.O-RING	1	22	90280-03M03	.KEY, woodruff	1
10	93101-23070	.OIL SEAL	2	23	6H4-W0078-0A	CHROME PUMP KIT	1
11	93210-66M98	.O-RING	1	24	670-44322-01	.INSERT, cartridge	1
12	93101-22067	.OIL SEAL	2	25	670-44321-00	.INNER PLATE, cartridge	1
13	663-W0078-01	WATER PUMP REPAIR KIT	1	26	670-44323-00	.OUTER PLATE, cartridge	1



75AE(T)(692) 85AE(T)(688)

75A/85A



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Fig. 1 CYLINDER. CRANKCASE

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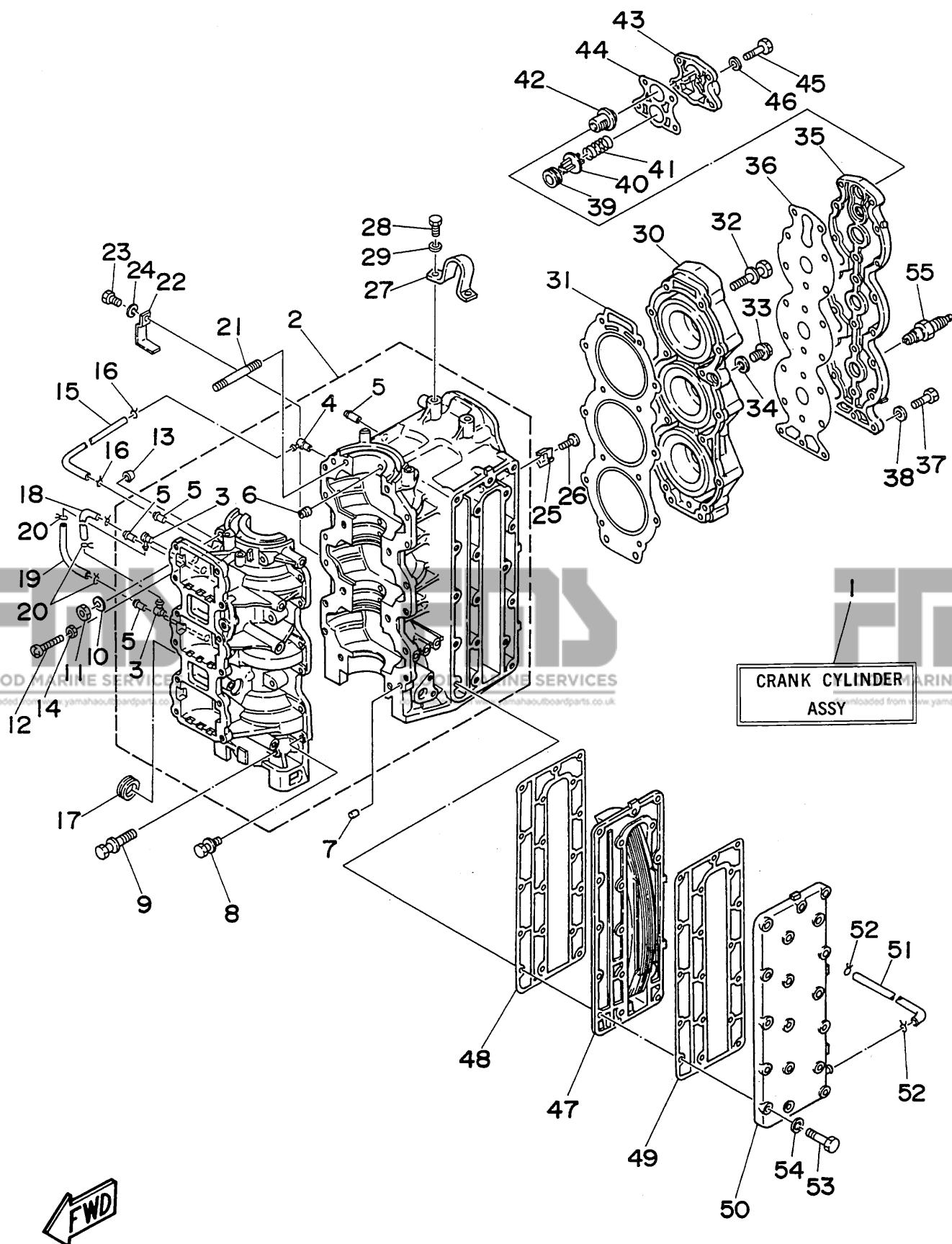


Fig. 1 CYLINDER. CRANKCASE

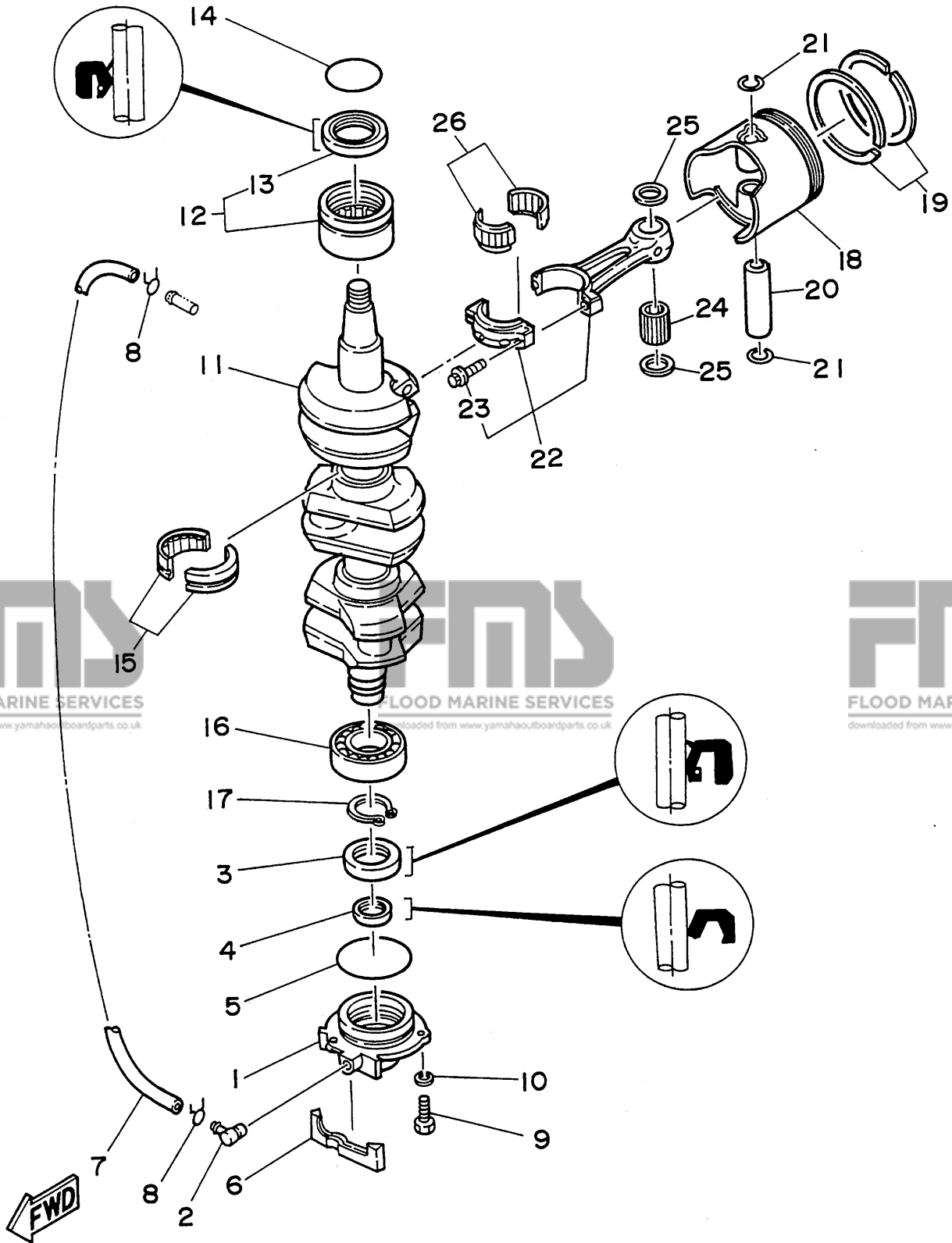
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-W0090-82-1D	CRANK CYLINDER ASSY (Ref. No. 2 to 54 and Fig. 2, Ref.No. 1 to 26)	1	28	97313-08020	BOLT	2
2	688-15100-05-94	CRANKCASE ASSY	1	29	92990-08100	WASHER, spring	2
3	688-11370-00	.CHECK VALVE ASSY	2	30	688-11111-02-94	HEAD, cylinder 1	1
4	650-11370-00	.CHECK VALVE ASSY	1	31	688-11181-A0	GASKET, cylinder head 1	1
5	624-14485-00	.PIPE, joint	4	32	90119-08M21	BOLT, with washer	14
6	663-11518-01	.LOCK, bearing	3	33	90340-14M00	PLUG, straight screw	1
7	93608-12063	PIN, dowel	2	34	90430-14115	GASKET	1
8	90119-06M12	BOLT, with washer	12	35	688-11191-00-9M	COVER, cylinder head 1	1
9	90119-10M07	BOLT, with washer	6	36	688-11193-A1	GASKET, head cover 1	1
10	90201-100F7	WASHER, plate	2	37	97313-06025	BOLT	18
11	95313-10600	NUT	2	38	92990-06600	WASHER, plate	18
12	90157-06014	SCREW, pan head	1	39	90480-20M05	GROMMET	1
13	688-44194-00	CAP	1	40	688-12416-00	VALVE, pressure control	1
14	95303-06700	NUT	1	41	90501-16M11	SPRING, compression	1
15	90445-07260	HOSE	1	42	688-12411-10	THERMOSTAT	1
16	90467-06016	CLIP	2	43	688-12413-00-9M	COVER, thermostat	1
17	90480-24M04	GROMMET	1	44	688-12414-A1	GASKET, cover	1
18	90445-07M00	HOSE	1	45	97013-06035	BOLT	4
19	90445-07M23	HOSE	1	46	92990-06600	WASHER, plate	4
20	90467-06016	CLIP	4	47	688-41111-00-9M	INNER COVER, exhaust	1
21	90116-10M06	BOLT, stud	2	48	688-41112-A0	GASKET, exhaust inner cover	1
22	90465-12M03	CLAMP	1	49	688-41114-A0	GASKET, exhaust outer cover	1
23	97395-06012	BOLT	1	50	688-41113-00-9M	OUTER COVER, exhaust	1
24	92995-06100	WASHER, spring	1	51	663-24312-01	PIPE 2	1
25	688-11325-00	ANODE	2	52	90467-08004	CLIP	2
26	98680-04016	SCREW, oval head	2	53	97313-08040	BOLT	18
27	688-11119-00	HANGER, engine	1	54	92990-08600	WASHER, plate	18
				55	94702-00247	PLUG, spark (NGK BR8HS 10)	3

Fig. 2 CRANKSHAFT. PISTON

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Fig. 2 CRANKSHAFT. PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-15359-01-94	HOUSING, oil seal	1	16	93306-206U5	BEARING	1
2	688-11370-00	CHECK VALVE ASSY 1	1	17	93410-32M00	CIRCLIP	1
3	93102-30M05	OIL SEAL	1	18	688-11631-81-96	PISTON (STD)	3
4	93104-20M02	OIL SEAL	1		688-11635-81	PISTON (0.25MM O/S)	3 AP
5	93210-62269	O-RING	1		688-11636-81	PISTON (0.50MM O/S)	3 AP
6	688-15379-00	SEAL, crankcase	1	19	688-11610-02	PISTON RING SET (STD)	3
7	90445-07M86	HOSE	1		688-11610-12	PISTON RING SET (0.25MM O/S)	3 AP
8	90467-06016	CLIP	2		688-11610-22	PISTON RING SET (0.50MM O/S)	3 AP
9	97395-06020	BOLT	3	20	676-11633-00	PIN, piston	3
10	92990-06600	WASHER, plate	3	21	688-11634-10	CLIP, piston pin	6
11	688-11411-01	CRANKSHAFT	1	22	688-11650-03	CONNECTING ROD ASSY	3
12	93310-636U4	BEARING, cylindrical	1	23	90109-08M61	.BOLT	2
13	93102-36M24	OIL SEAL	1	24	93603-21111	PIN, dowel	84
14	93210-46M16	O-RING	1	25	90201-20417	WASHER, plate	6
15	93310-835U8	BEARING, cylindrical	2	26	93310-730V8	BEARING, cylindrical	3

Fig. 3 INTAKE

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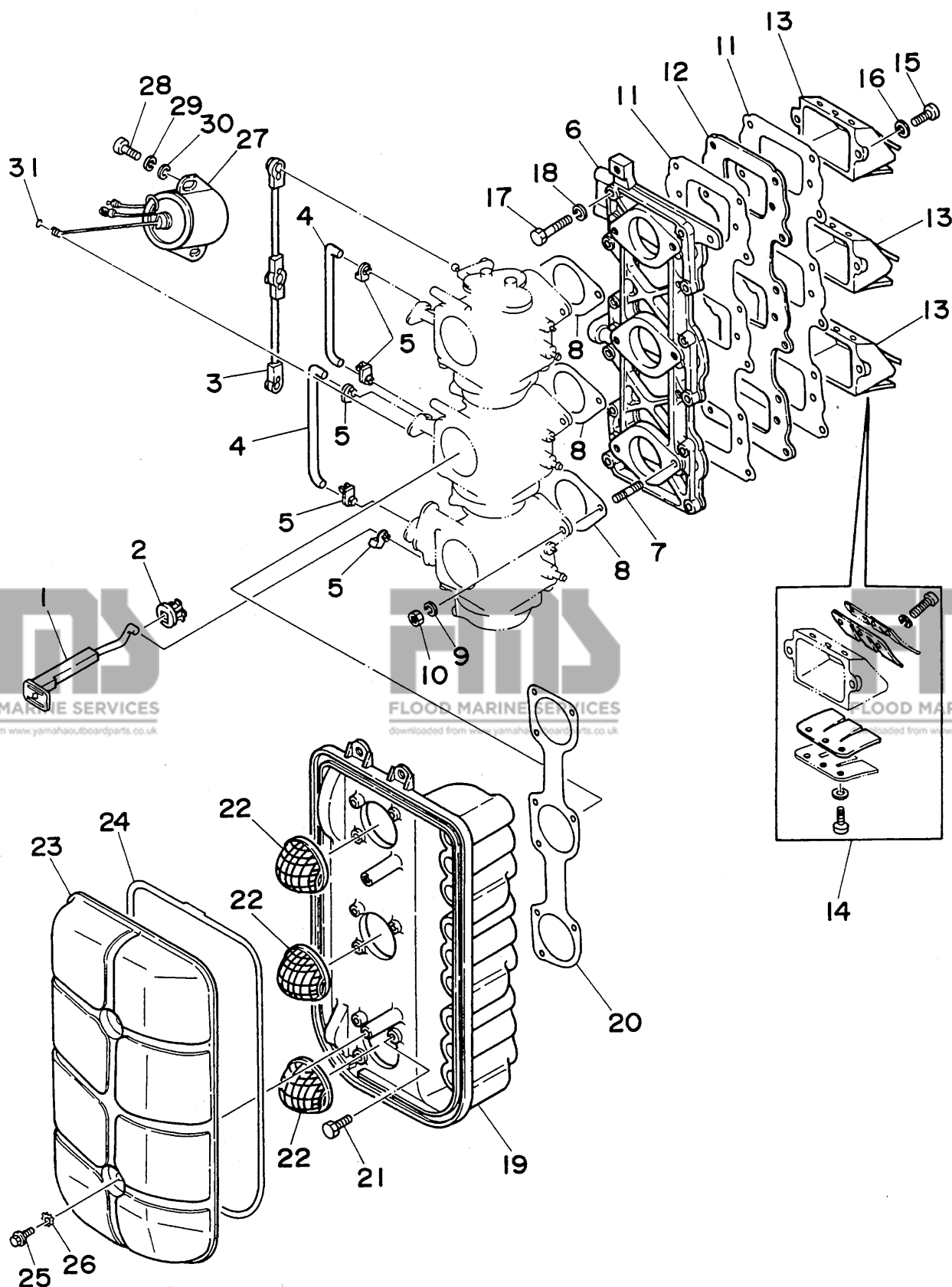
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Fig. 3 INTAKE

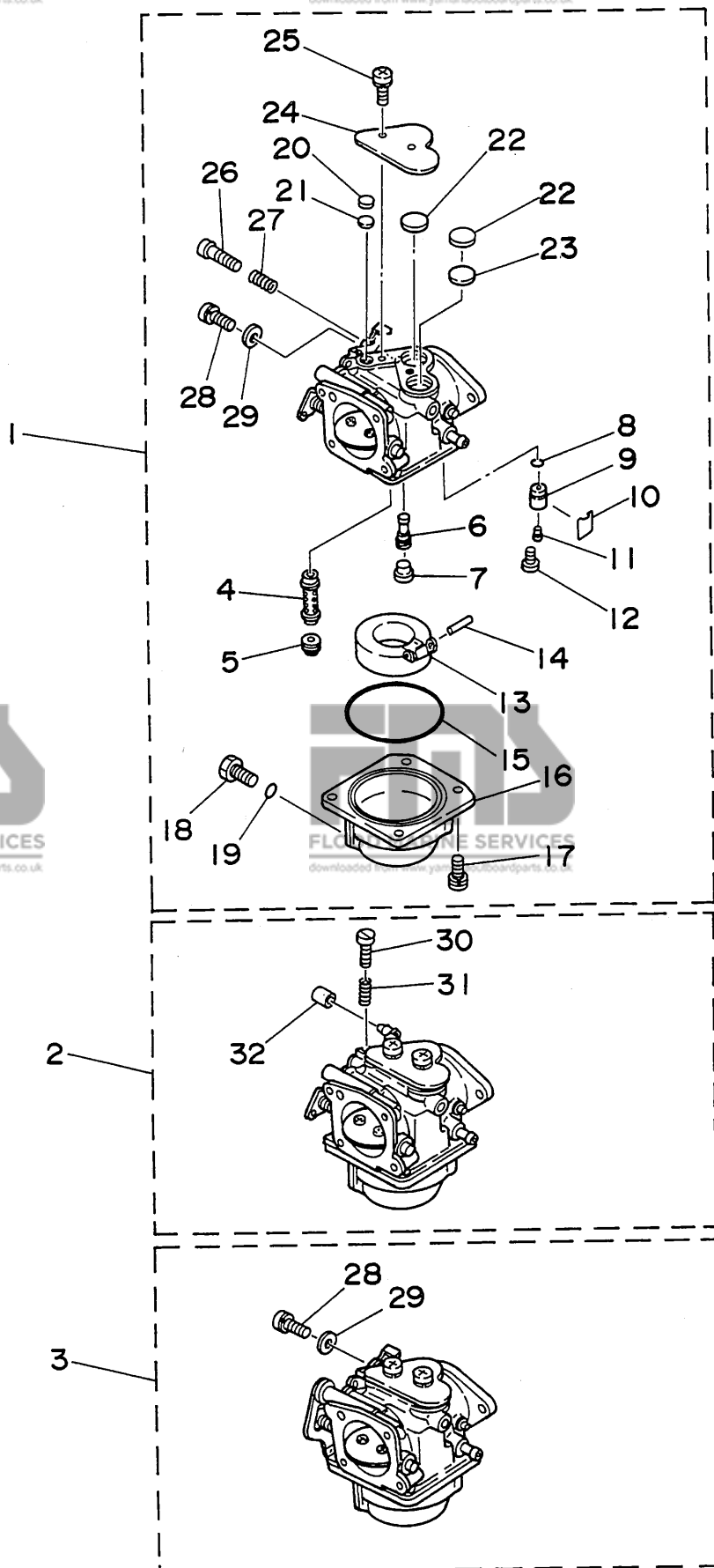
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	692-41256-00	ROD, choke 1	1	17	97313-06030	BOLT	12
2	689-41273-00	GROMMET	1	18	92995-06100	WASHER, spring	12
3	688-41217-01	ROD, accel. lever	1	19	688-14417-00-94	COVER 1	1
4	688-41257-01	ROD, choke 2	2	20	688-14483-A0	GASKET	1
5	661-41262-02	JOINT, choke lever	5	21	97313-06018	BOLT	6
6	688-13641-00-94	MANIFOLD 1	1	22	688-14481-00	CAP, carburetor	3
7	90116-06122	BOLT, stud	6	23	688-14418-00	COVER 2	1
8	688-14198-A1	GASKET	3	24	688-14416-00	GASKET, air cleaner	1
9	92995-06100	WASHER, spring	6	25	95895-06016	BOLT, flange	2
10	95380-06600	NUT	6	26	90209-06M05	WASHER	2
11	688-13621-A1	GASKET, valve seat	2	27	688-86110-01	SOLENOID	1
12	688-13624-00	PLATE, reed valve	1	28	92503-06015	SCREW, pan head	2
13	688-13610-00	REED VALVE ASSY	3	29	92990-06100	WASHER, spring	2
14	688-W0004-00	.REED SET	3	30	92990-06200	WASHER, plain	2
15	98580-05020	SCREW, pan head	6	31	93210-03261	O-RING	1
16	92990-05100	WASHER, spring	6				

Fig. 4 CARBURETOR

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Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-14301-14	CARBURETOR ASSY 1 (85A Model)	1 UR	14	688-14548-00	.PIN, float arm	3
	692-14301-34	CARBURETOR ASSY 1 (75A Model)	1 UR	15	676-14984-00	.GASKET, float chamber	3
2	688-14302-14	CARBURETOR ASSY 2 (85A Model)	1 UR	16	688-14980-00	.BODY, float chamber	3
	692-14302-34	CARBURETOR ASSY 2 (75A Model)	1 UR	17	97980-04114	.SCREW, with washer	12
3	688-14303-14	CARBURETOR ASSY 3 (85A Model)	1 UR	18	6H3-14992-00	.SCREW, drain	3
	692-14303-34	CARBURETOR ASSY 3 (75A Model)	1 UR	19	93210-04230	.O-RING	3
4	688-14947-00	.JET, needle (85A Model)	3 UR	20	663-14126-00	.GASKET	3
	692-14947-10	.JET, needle (75A Model)	3 UR	21	663-14527-00	.PLATE	3
5	676-14943-40	.JET, main (#165) (85A Model)	3 UR	22	688-14126-00	.GASKET	6
	676-14943-39	.JET, main (#160) (75A Model)	3 UR	23	688-14527-00	.PLATE	3
6	676-14948-18	.JET (#78) (85A Model)	3 UR	24	688-14572-01	.SEAL	3
	676-14948-19	.JET (#80) (75A Model)	3 UR	25	97980-05310	.SCREW, with washer	6
7	676-14966-00	.CAP	3	26	692-14923-00	.SCREW, pilot	3
8	93210-04228	.O-RING	3	27	679-14555-00	.SPRING	3
9	692-14590-00	.NEEDLE VALVE ASSY	3	28	6K5-14592-00	.SCREW (Upper/Lower)	2
10	663-14159-00	.CLIP	3	29	90201-05652	.WASHER, plate (Upper/Lower)	2
11	676-14186-00	.PIN, float	3	30	6H1-14523-00	.SCREW, stop (Center)	1
12	98580-04008	.SCREW, pan head	3	31	90501-10326	.SPRING, compression (Center)	1
13	676-14985-01	.FLOAT	3	32	6H2-14578-00	.COLLAR (Center)	1



Fig. 5 FUEL 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G1-24304-02	FUEL PIPE JOINT COMP. 1	1	20	6A0-14325-00	.SCREW, pan head	2
2	97395-06020	BOLT	1	21	95380-03600	.NUT	2
3	92990-06600	WASHER, plate	1	22	648-24435-02	.GASKET, body 2	1
4	90445-09078	HOSE	1	23	663-24411-00	.DIAPHRAGM	1
5	90467-08004	CLIP	2	24	648-24413-01	.BODY 2	1
6	655-24560-01	FILTER ASSY	1	25	98580-05530	.SCREW, pan head	3
7	6F5-24563-00	.ELEMENT, filter	1	26	92990-05100	.WASHER, spring	3
8	93210-37M25	.O-RING	1	27	650-24431-A0	GASKET, fuel pump 1	1
9	655-24521-01	.CUP, filter	1	28	97395-06040	BOLT	2
10	648-24566-01	BRACKET, filter	1	29	92990-06600	WASHER, plate	2
11	97313-06014	BOLT	1	30	90445-09094	HOSE	1
12	92990-06100	WASHER, spring	1	31	90467-08004	CLIP	2
13	95380-08600	NUT	1	32	90445-09100	HOSE	1
14	6A0-24410-05	FUEL PUMP ASSY	1	33	688-24313-00	PIPE 3	1
15	648-24411-00	.DIAPHRAGM	1	34	688-24314-00	PIPE 4	1
16	648-24424-00	.SEAT, spring	1	35	90467-08004	CLIP	10
17	648-24423-00	.SPRING, diaphragm	1	36	90445-09220	HOSE	2
18	648-24434-01	.GASKET, body	1	37	688-24378-00	PIPE, joint 4	2
19	6A0-24421-01	.VALVE, check	2				

Fig.6 TOP COWLING

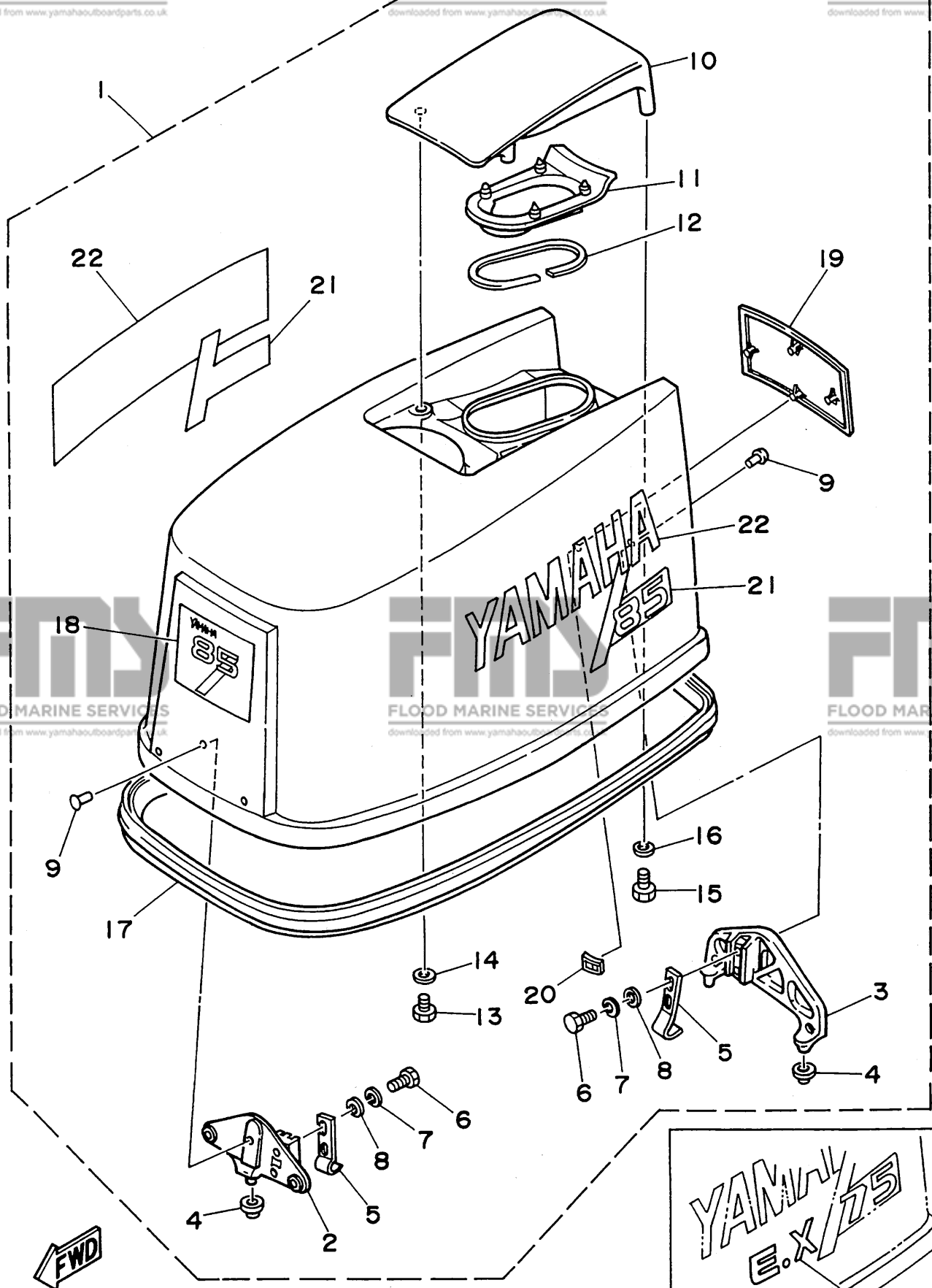


Fig. 6 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-42610-B1-1D	TOP COWLING ASSY (85A Model)	1 UR	14	92990-06600	.WASHER, plate	2
	692-42610-B1-1D	TOP COWLING ASSY (75A Model)	1 UR	15	97395-06025	.BOLT	2
2	688-42647-00-94	.HOLDER, clamp band	1	16	92990-06600	.WASHER, plate	2
3	688-42649-00-94	.HOLDER, clamp band	1	17	688-42615-00	.SEAL	1
4	663-42662-00	.DAMPER	3	18	688-42677-B0	.GRAPHIC, front (85A Model)	1 UR
5	688-42652-10	.HOOK	2		692-42677-B0	.GRAPHIC, front (75A Model)	1 UR
6	97395-06018	.BOLT	2	19	688-42687-60	.EMBLEM, rear (85A Model)	1 UR
7	92990-06100	.WASHER, spring	2		692-42687-60	.EMBLEM, rear (75A Model)	1 UR
8	92990-06600	.WASHER, plate	2	20	90183-05M01	.NUT, spring	4
9	90266-06M02	.RIVET	6	21	688-W0070-B0	.GRAPHIC SET (85A Model)	1 UR
10	688-42613-00-1D	.MOLDING, air duct	1		692-W0070-B0	.GRAPHIC SET (75A Model)	1 UR
11	688-42618-00	.AIR SHROUD, top cowling	1	22	688-42681-B0	.MARK, cowling	2
12	688-42628-00	.SEAL	1	23	692-42683-P0	.MARK, cowling (FOR FRANCE)	2 UR
13	97395-06016	.BOLT	2				

Fig. 7 BOTTOM COWLING

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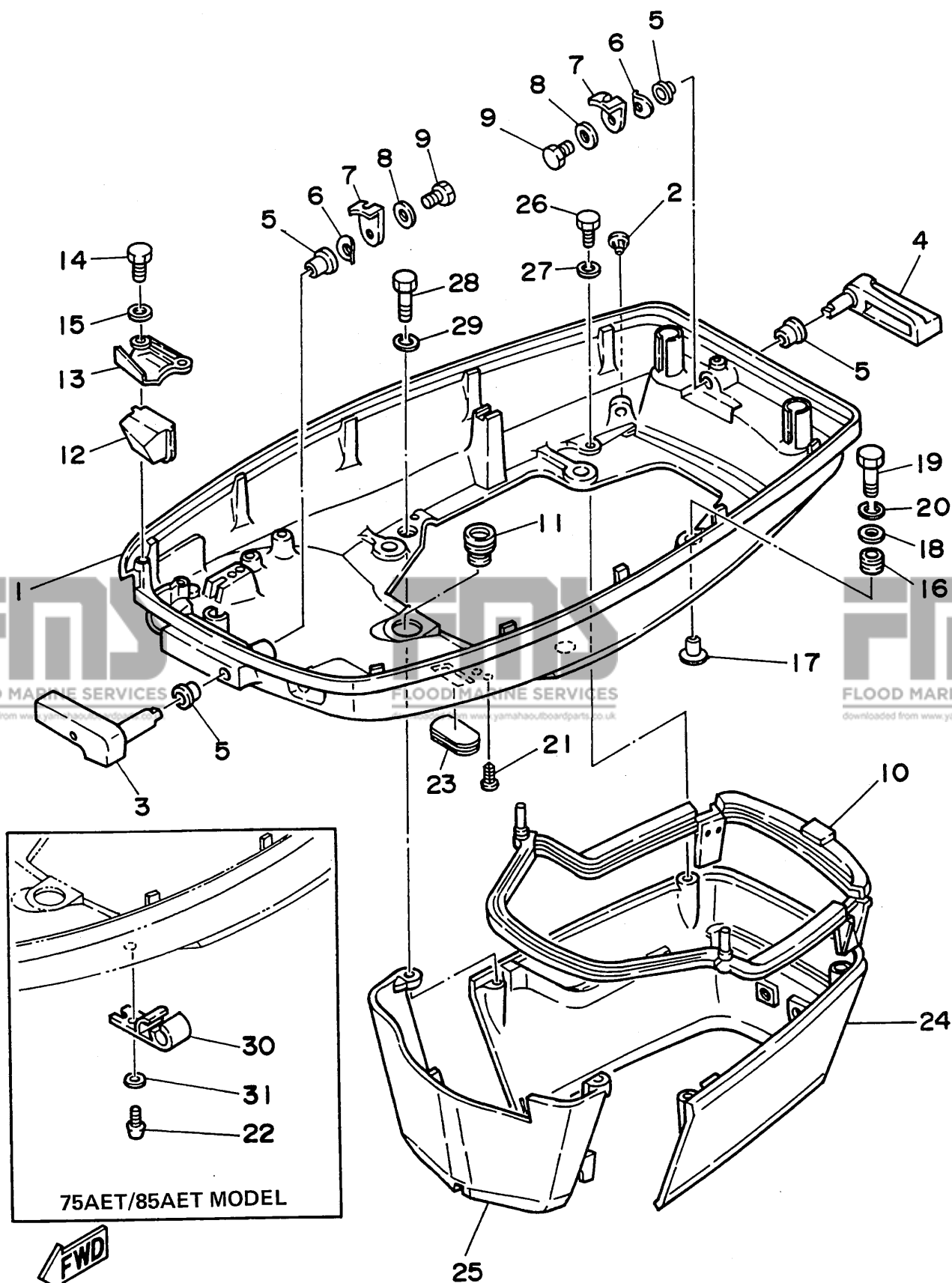
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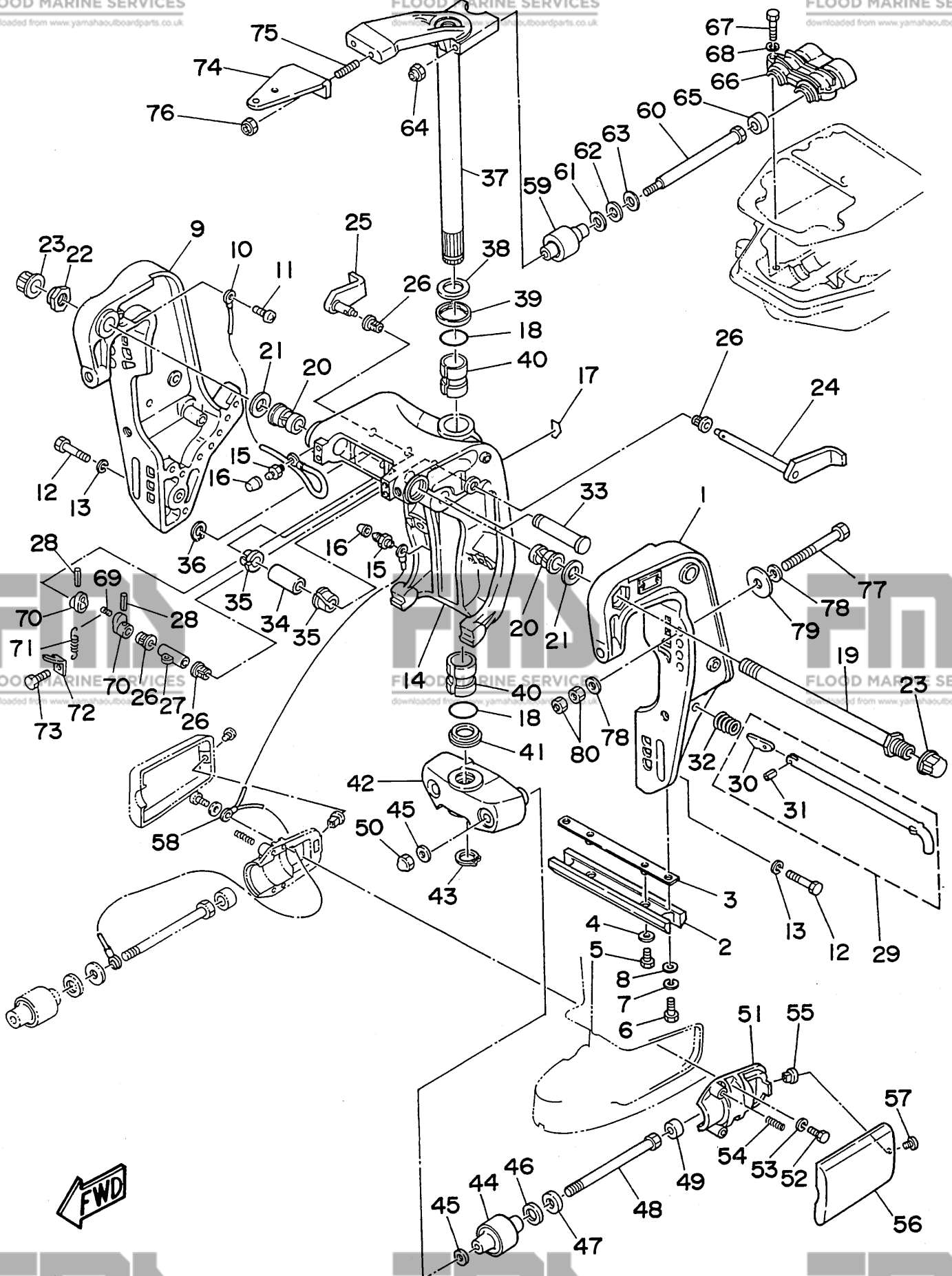
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Fig. 7 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-42711-03-1D	COWLING, bottom	1	18	90201-06416	WASHER, plate	4
2	6H3-44391-01	NIPPLE, hose	1	19	97395-06030	BOLT	4
3	688-42815-00-1D	LEVER, clamp	1	20	92995-06100	WASHER, spring	4
4	688-42817-00-1D	LEVER, clamp	1	21	90338-05M03	PLUG (75AE/85AE Model)	1
5	90386-13M38	BUSH	4	22	90157-06M01	SCREW, pan head (75AET/85AET Model)	1
6	90206-13019	WASHER, wave	2	23	6H4-42726-00	GROMMET (75AE/85AE Model)	1 UR
7	688-42816-00	LEVER, clamp	2		6H1-42726-10	GROMMET (75AET/85AET Model)	1 UR
8	90201-06M02	WASHER, plate	2	24	688-42741-00-1D	APRON	1
9	97013-06012	BOLT	2	25	688-42771-00-1D	APRON	1
10	688-42716-02	RUBBER, seal 1	1	26	97395-06020	BOLT	2
11	663-42724-00	GROMMET	1	27	92995-06100	WASHER, spring	2
12	688-42725-01	GROMMET	1 UR	28	97395-06030	BOLT	2
	688-42725-10	GROMMET (75AET/85AET Model)	1 UR	29	92990-06100	WASHER, spring	2
13	688-42738-00-94	PLATE, fitting	1	30	6E5-24367-01	CLAMP, fuel pipe 2 (75AET/85AET Model)	1
14	97395-06016	BOLT	2	31	92990-06600	WASHER, plate (75AET/85AET Model)	1
15	92990-06600	WASHER, plate	2				
16	90480-09M12	GROMMET	4				
17	90387-06M69	COLLAR	4				

Fig. 8 BRACKET 1 (75AE/85AE MODEL)

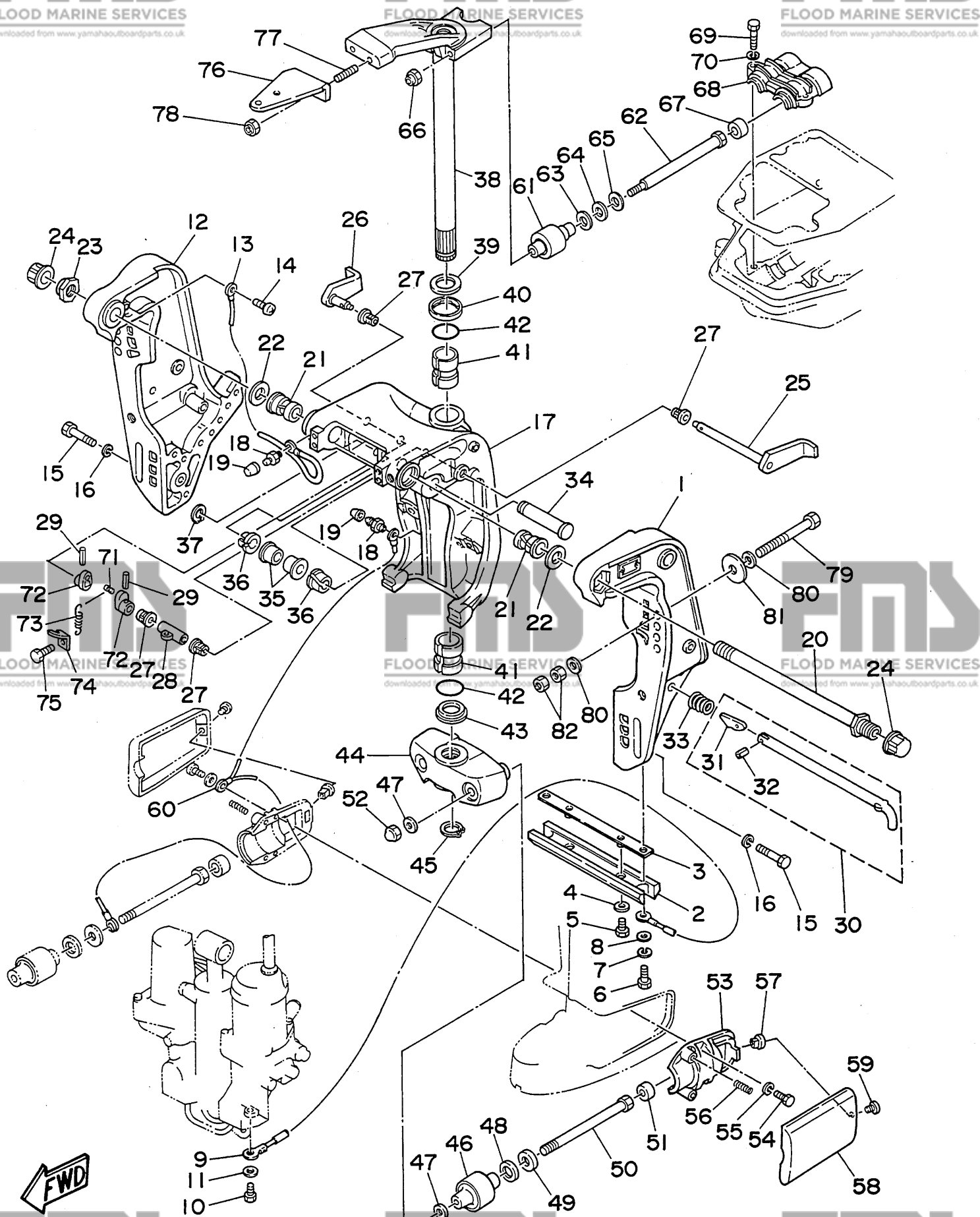


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Fig. 8 BRACKET 1 (75AE/85AE MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-43111-12-1D	BRACKET, clamp	1	43	93410-28M06	CIRCLIP	1
2	6H1-45251-02	ANODE	1	44	687-44555-00-94	MOUNT DAMPER, lower side	2
3	6H1-44526-00	PLATE	1	45	90201-12M16	WASHER, plate	4
4	90201-06M31	WASHER, plate	2	46	90202-25M04	WASHER, plate	2
5	97395-06012	BOLT	2	47	90201-13M19	WASHER, plate	2
6	97395-06016	BOLT	2	48	90109-12261	BOLT	2
7	92995-06100	WASHER, spring	2	49	663-44575-00	DAMPER, lower mount rubber	2
8	92990-06600	WASHER, plate	2	50	95380-12800	NUT, crown	2
9	688-43112-12-1D	BRACKET, clamp	1	51	687-44552-01-94	HOUSING, lower mount rubber	2
10	6E5-82148-00	WIRE, lead 4	1	52	97395-08025	BOLT	4
11	98580-06012	SCREW, pan head	1	53	92990-08100	WASHER, spring	4
12	97395-10045	BOLT	6	54	90501-14236	SPRING, compression	4
13	92990-10100	WASHER, spring	6	55	90179-06066	NUT	2
14	6H1-43311-01-1D	BRACKET, swivel	1	56	663-44553-00-1D	COVER, lower mount	2
15	93700-06M03	NIPPLE, grease	3	57	92390-06015	SCREW, cylinder head	2
16	663-45119-00	CAP, grease nipple	3	58	688-82127-02	WIRE, lead 2	1
17	688-43691-01	INDICATOR, tilt	1	59	688-44514-00-94	MOUNT DAMPER, upper side	2
18	93210-29M94	O-RING	2	60	90101-10M49	BOLT	2
19	688-43131-03	BOLT, clamp bracket	1	61	90201-20M21	WASHER, plate	2
20	90386-22M15	BUSH	2	62	90202-20M06	WASHER, plate	2
21	90201-22M67	WASHER, plate	2	63	90201-11M22	WASHER, plate	2
22	90185-22043	NUT, self-locking	1	64	90185-10051	NUT, self-locking	2
23	6G5-43145-00	CAP, clamp bracket	2	65	663-44575-00	DAMPER, lower mount rubber	2
24	6H1-43181-01	LEVER, tilt stop	1	66	688-44511-00-94	COVER, upper mount	1
25	6H1-43185-01	LEVER, tilt stop	1	67	97090-08035	BOLT	3
26	90386-10M16	BUSH	4	68	92990-08100	WASHER, spring	3
27	90387-10M02	COLLAR	1	69	90249-06M19	PIN	1
28	91690-30020	PIN, spring	2	70	6G5-43148-00	COLLAR, distance	2
29	688-43160-01	TILT ROD ASSY	1	71	90506-14M24	SPRING, tension	1
30	688-43165-00	.PLATE, tilt lock	1	72	6G5-43144-00	HOOK, spring	1
31	91690-30012	.PIN, spring	1	73	97395-06010	BOLT	1
32	90502-16M02	SPRING, conical	1	74	688-48511-01-1D	HOOK, steering (Ball Post Type)	1 UR
33	6E5-43126-02	PIN, upper shock mount	1		688-48511-11-1D	HOOK, steering (Steering Guide Type)	1 UR
34	90386-18M21	BUSH	1				
35	90386-18M35	BUSH	2	74	90116-10175	BOLT, stud	2
36	93410-18M02	CIRCLIP	1	76	90185-10051	NUT, self-locking	2
37	688-42510-02-1D	STEERING BRACKET ASSY	1	77	90101-12M65	BOLT	4
38	90201-30M00	WASHER, plate	1	78	92995-12200	WASHER	8
39	90386-30M78	BUSH	1	79	90201-12426	WASHER, plate	4
40	90386-30M77	BUSH	2	80	95380-12600	NUT	8
41	90386-30M60	BUSH	1				
42	663-44551-01-1D	HOUSING, lower mount rubber	1				

Fig. 9 BRACKET 2 (75AET/85AET MODEL)



FWD

Fig. 9 BRACKET 2 (75AET/85AET MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-43111-00-1D	BRACKET, clamp	1	43	90386-30M60	BUSH	1
2	6H1-45251-02	ANODE	2	44	663-44551-01-1D	HOUSING, lower mount rubber	1
3	6H1-44526-00	PLATE	1	45	93410-28M06	CIRCLIP	1
4	90201-06M31	WASHER, plate	2	46	687-44555-00-94	MOUNT DAMPER, lower side	2
5	97395-06012	BOLT	2	47	90201-12M16	WASHER, plate	4
6	97395-06016	BOLT	2	48	90202-25M04	WASHER, plate	2
7	92995-06100	WASHER, spring	2	49	90201-13M19	WASHER, plate	2
8	92990-06600	WASHER, plate	2	50	90109-12261	BOLT	2
9	6H1-82148-00	WIRE, lead 4	1	51	663-44575-00	DAMPER, lower mount rubber	2
10	97395-06010	BOLT	1	52	95380-12800	NUT, crown	2
11	92990-06600	WASHER, plate	1	53	687-44552-01-94	HOUSING, lower mount rubber	2
12	6H1-43112-00-1D	BRACKET, clamp	1	54	97395-08025	BOLT	4
13	6E5-82148-00	WIRE, lead 4	1	55	92990-08100	WASHER, spring	4
14	98580-06012	SCREW, pan head	1	56	90501-14236	SPRING, compression	4
15	97395-10045	BOLT	6	57	90179-06066	NUT	2
16	92990-10100	WASHER, spring	6	58	663-44553-00-1D	COVER, lower mount	2
17	6H1-43311-01-1D	BRACKET, swivel	1	59	92390-06015	SCREW, cylinder head	2
18	93700-06M03	NIPPLE, grease	3	60	688-82127-02	WIRE, lead 2	1
19	663-45119-00	CAP, grease nipple	3	61	688-44514-00-94	MOUNT DAMPER, upper side	2
20	688-43131-03	BOLT, clamp bracket	1	62	90101-10M49	BOLT	2
21	90386-22M15	BUSH	2	63	90201-20M21	WASHER, plate	2
22	90201-22M67	WASHER, plate	2	64	90202-20M06	WASHER, plate	2
23	90185-22043	NUT, self-locking	1	65	90201-11M22	WASHER, plate	2
24	6G5-43145-00	CAP, clamp bracket	2	66	90185-10051	NUT, self-locking	2
25	6H1-43181-01	LEVER, tilt stop	1	67	663-44575-00	DAMPER, lower mount rubber	2
26	6H1-43185-01	LEVER, tilt stop	1	68	688-44511-00-94	COVER, upper mount	1
27	90386-10M16	BUSH	4	69	97090-08035	BOLT	3
28	90387-10M02	COLLAR	1	70	92990-08100	WASHER, spring	3
29	91690-30020	PIN, spring	2	71	90249-06M19	PIN	1
30	688-43160-01	TILT ROD ASSY	1	72	6G5-43148-00	COLLAR, distance	2
31	688-43165-00	.PLATE, tilt lock	1	73	90506-14M24	SPRING, tension	1
32	91690-30012	.PIN, spring	1	74	6G5-43144-00	HOOK, spring	1
33	90502-16M02	SPRING, conical	1	75	97395-06010	BOLT	1
34	6E5-43126-02	PIN, upper shock mount	1	76	688-48511-11-1D	HOOK, steering (Steering Guide Type)	1
35	90386-18M63	BUSH	2	77	90116-10175	BOLT, stud	2
36	90386-18M35	BUSH	2	78	90185-10051	NUT, self-locking	2
37	93410-18M02	CIRCLIP	1	79	90101-12M65	BOLT	4
38	688-42510-02-1D	STEERING BRACKET ASSY	1	80	92995-12200	WASHER	8
39	90201-30M00	WASHER, plate	1	81	90201-12426	WASHER, plate	4
40	90386-30M78	BUSH	1	82	95380-12600	NUT	8
41	90386-30M77	BUSH	2				
42	93210-29M94	O-RING	2				

Fig. 10 BRACKET 3 (75AE/85AE MODEL)

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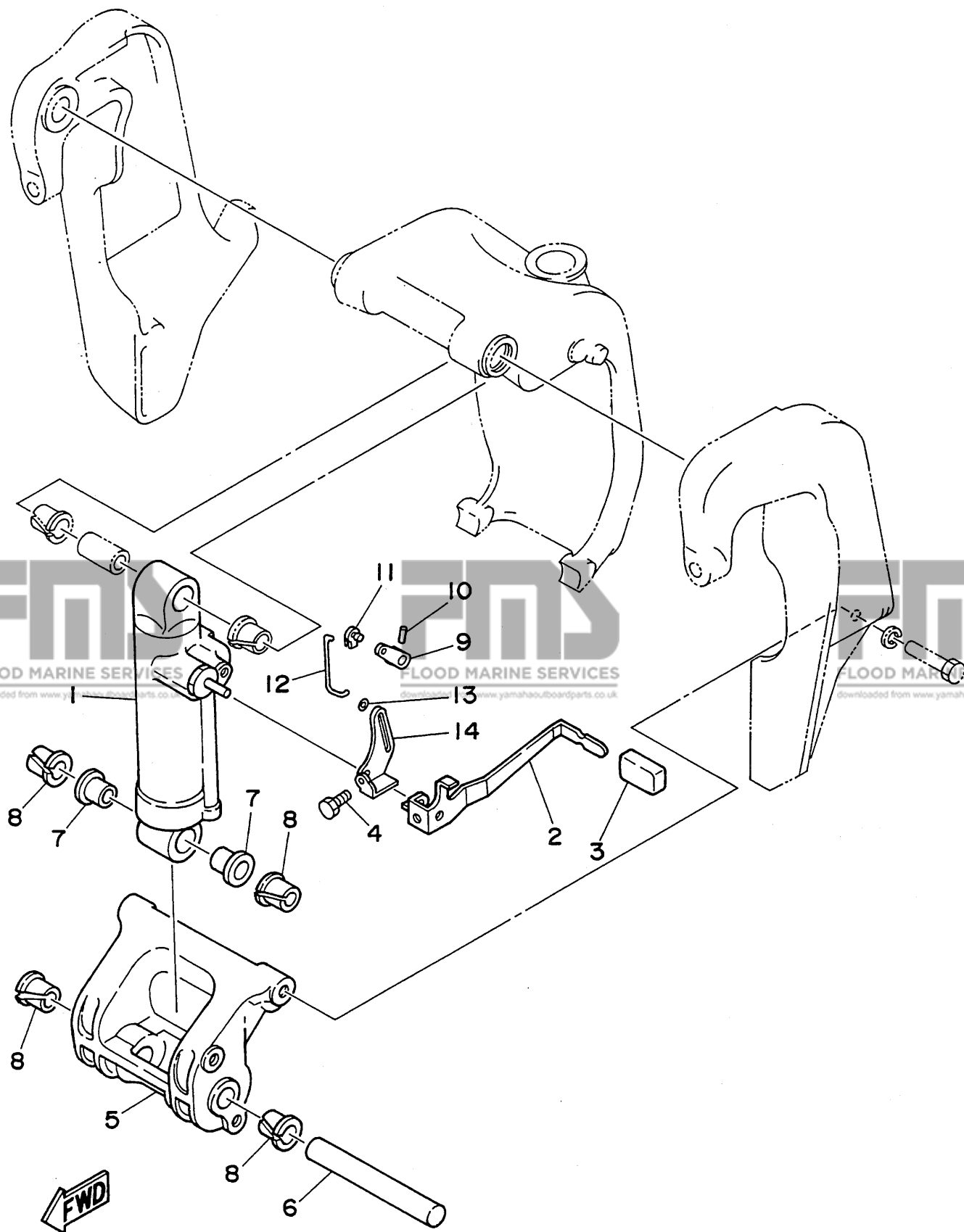
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Fig. 10 BRACKET 3 (75AE/85AE MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-43170-04-1D	SHOCK ABSORBER ASSY	1	8	90386-18M35	BUSH	4
2	688-43631-10	LEVER, tilt	1	9	688-43186-00	LEVER	1
3	682-43318-01	COVER	1	10	91690-30020	PIN, spring	1
4	97395-06010	BOLT	1	11	6J8-41262-00	JOINT, choke lever	1
5	688-43128-01-1D	SPACER, clamp bracket	1	12	688-43616-00	ROD, tilt lock	1
6	688-43124-02	PIN, lower shock mount	1	13	90202-03M51	WASHER, plate	1
7	90386-18M63	BUSH	2	14	688-43651-00	LEVER, reverse lock 1	1

Fig. 11 POWER TRIM. TILT

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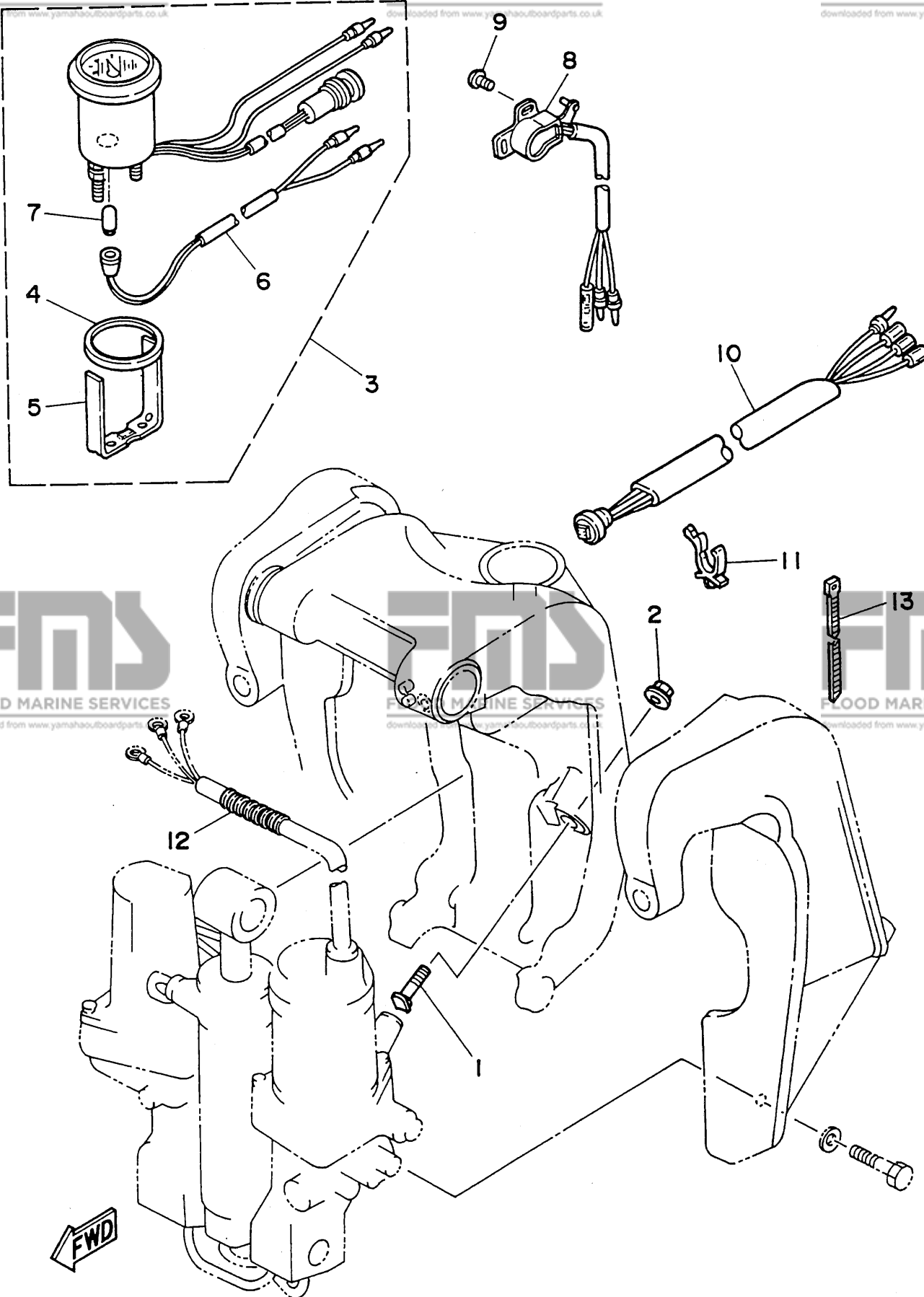
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Fig. 11 POWER TRIM. TILT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-43376-00	BOLT, thrust receiver	2	8	6H1-83672-10	TRIM SENDER	1
2	95780-08300	NUT, flange	2	9	92580-06016	SCREW, pan head	2
3	6Y5-83670-10	TRIM GAUGE	1	10	6E5-82553-10	EXTENSION, wire lead	1
4	688-83664-00	.DAMPER	1	11	90464-09M13	CLAMP	1
5	6Y5-83577-00	.PLATE, fitting	1	12	90440-14M00	PIPE	1
6	6Y5-83536-20	.SOCKET, meter	1	13	90465-11M10	CLAMP	3
7	6Y5-83518-00	.BULB, meter	1				

Fig. 12 POWER TRIM & TILT ASSY

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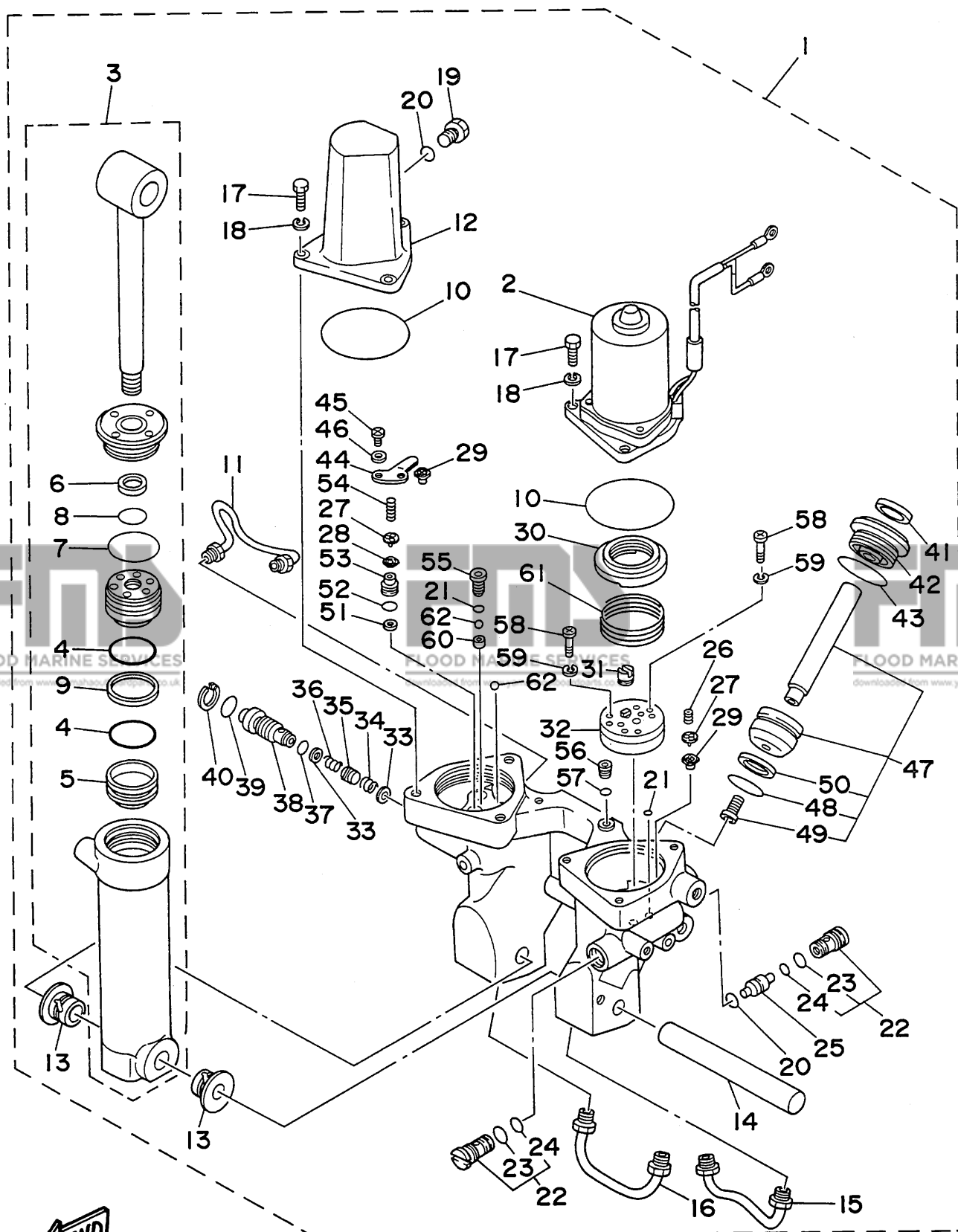
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Fig. 12 POWER TRIM & TILT ASSY

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H1-43800-13-1D	POWER TRIM & TILT ASSY	1	32	6H1-43830-11	.GEAR PUMP ASSY	1
2	6H1-43880-02	.MOTOR ASSY	1	33	6H1-43847-00	.SEAT, manual valve	2
3	6H1-43840-11	.POWER TILT ASSY	1	34	6H1-43899-00	.SPRING, manual release	1
4	6H1-43861-10	..O-RING	2	35	6H1-4382A-10	.ADAPTOR 1	1
5	6H1-43814-11	..PISTON, free	1	36	6H1-43854-00	.SPRING, manual release	1
6	6H1-43872-10	..RING, back up	1	37	93210-10M74	.O-RING	1
7	6H1-43861-00	..O-RING	1	38	6H1-43845-01	.SCREW, manual release	1
8	93210-18397	..O-RING	1	39	93210-18M75	.O-RING	1
9	6H1-43871-10	..RING, back up	1	40	6H1-43875-00	.RING, snap	1
10	93210-64488	.O-RING	2	41	6H1-43822-10	.SEAL, trim dust	2
11	6H1-43835-10	.PIPE	1	42	6H1-43821-11	.SCREW, trim cylinder end	2
12	6H1-43828-10	.BODY, reservoir	1	43	6H1-43861-10	.O-RING	2
13	90386-18M14	.BUSH	2	44	6H1-4384E-20	.SPRING, trim	1
14	6E5-43818-00	.PIN, lower shock mount	1	45	98501-05010	.SCREW, pan head	2
15	6H1-43833-10	.PIPE	1	46	92990-05200	.WASHER, wave	2
16	6H1-43834-00	.PIPE	1	47	6H1-43820-11	.PISTON SUB ASSY	2
17	97395-06020	.BOLT	6	48	6H1-43864-00	..O-RING	1
18	92990-06100	.WASHER, spring	6	49	91316-08016	..BOLT	1
19	6H1-43829-00	.PLUG, reservoir	1	50	6H1-43874-00	..RING, back up	1
20	93210-09350	.O-RING	2	51	6H1-43816-00	.FILTER 1	1
21	93210-06519	.O-RING	3	52	6H1-43896-00	.O-RING	1
22	6T4-43802-00	.VALVE SUB ASSY	2	53	6H1-43895-11	.SEAT, relief valve	1
23	6H1-43866-00	..O-RING	1	54	6H1-43855-11	.SPRING, up relief	1
24	6H1-43867-00	..O-RING	1	55	6H1-43843-11	.SCREW, valve lock	1
25	6H1-43841-10	.PISTON, shuttle	1	56	6H1-4388E-11	.PLUG, tapper screw	1
26	6H1-43856-10	.SPRING, down relief	1	57	6H1-43868-00	.O-RING	1
27	6H1-43844-10	.PIN, valve support	1	58	98511-04025	.SCREW, pan head	4
28	6H1-4384G-11	.SEAL, relief valve	1	59	92901-04100	.WASHER, wave	4
29	61A-4384F-00	.SEAL, main valve	2	60	6H1-4387J-00	.WASHER, special 2	1
30	6H1-43817-01	.FILTER 2	1	61	6H1-4385H-00	.SPRING, seal	1
31	6H1-43831-10	.CONNECTOR, shaft	1	62	93505-32038	.BALL	2

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Fig. 13 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	663-48531-00	BRACKET, remote control 1	1	29	682-41237-00	JOINT, link	1
2	663-48538-00	CLAMP, cable 1	1	30	688-41213-00	CAM, accel.	1
3	91690-30012	PIN, spring	1	31	90387-06M17	COLLAR	1
4	97395-08016	BOLT	1	32	90206-10M04	WASHER, wave	1
5	92995-08100	WASHER, spring	1	33	90201-06M02	WASHER, plate	1
6	663-48344-00	CABLE END, remote control	2	34	97395-06035	BOLT	1
7	688-41632-01-94	LEVER, magneto control	1	35	688-44117-00-94	BRACKET	1
8	90468-18008	CLIP	1	36	97313-06020	BOLT	2
9	97395-08045	BOLT	1	37	92990-06600	WASHER, plate	2
10	90201-08M54	WASHER, plate	1	38	688-44124-00	LINK, shift rod	1
11	90386-12089	BUSH	1	39	688-44122-00	BUSHING, shift rod lever	1
12	90387-08M16	COLLAR	1	40	90202-07M07	WASHER, plate	1
13	90386-22M13	BUSH	1	41	90468-18008	CLIP	3
14	90202-12092	WASHER, plate	1	42	688-44121-01	LEVER, shift rod	1
15	90201-08M13	WASHER, plate	1	43	90386-06M12	BUSH	1
16	90508-29M05	SPRING, torsion	1	44	688-44118-00-94	BRACKET	1
17	688-41631-01-94	LEVER, magneto control	1	45	97313-08030	BOLT	2
18	663-85518-00	JOINT, ball	1	46	92990-08100	WASHER, spring	2
19	95303-05700	NUT	1	47	92990-08600	WASHER, plate	2
20	90157-06013	SCREW, pan head	1	48	93501-04M02	BALL	1
21	688-44194-00	CAP	1	49	90501-12082	SPRING, compression	1
22	95303-06600	NUT	1	50	648-42715-00	BUSHING	1
23	90501-16M12	SPRING, compression	1	51	688-44120-11	HANDLE GEAR SHIFT ASSY	1
24	682-41237-50	JOINT, link	1	52	696-44147-00	BOOT, shift rod	1
25	95380-05600	NUT	1	53	90386-08006	BUSH	1
26	682-41237-00	JOINT, link	1	54	92990-08200	WASHER, plain	1
27	688-41211-01	LINK, accel.	1	55	90468-18008	CLIP	1
28	95380-05600	NUT	1	56	697-43662-00	GUIDE, reverse rod	1

Fig. 14 UPPER CASING

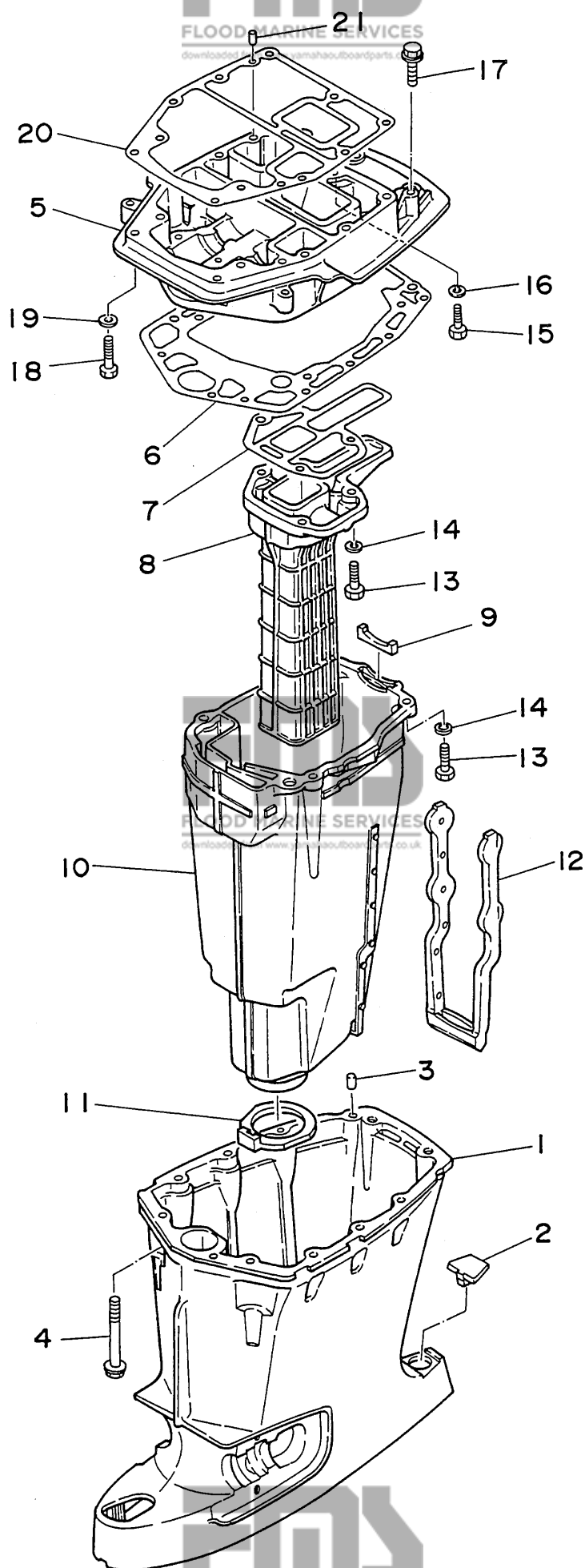


Fig. 14 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-45111-03-1D	CASING, upper	1	11	688-45123-00	GASKET, muffler	1
2	663-45155-10	CAP	1	12	663-14737-10	DAMPER, muffler	1
3	93606-12019	PIN, dowel	2	13	97395-08030	BOLT	7
4	90119-08M80	BOLT, with washer	8	14	92990-08100	WASHER, spring	7
5	688-41137-02-94	GUIDE, exhaust	1	15	97395-08025	BOLT	1
6	688-45114-A1	GASKET, upper casing	1	16	92990-08100	WASHER, spring	1
7	688-41134-A0	GASKET, exhaust manifold	1	17	90119-08M79	BOLT, with washer	2
8	688-41131-00-5B	MANIFOLD, ext. 1 (85A Model)	1 UR	18	97090-08035	BOLT	2
	692-41131-00-5B	MANIFOLD, ext. 1 (75A Model)	1 UR	19	92990-08100	WASHER, spring	2
9	688-41133-00	GASKET, exhaust manifold 1	1	20	688-45113-A0	GASKET, upper casing	1
10	688-14711-01-5B	MUFFLER 1	1	21	93606-12019	PIN, dowel	2

Fig. 15 LOWER CASING. DRIVE I

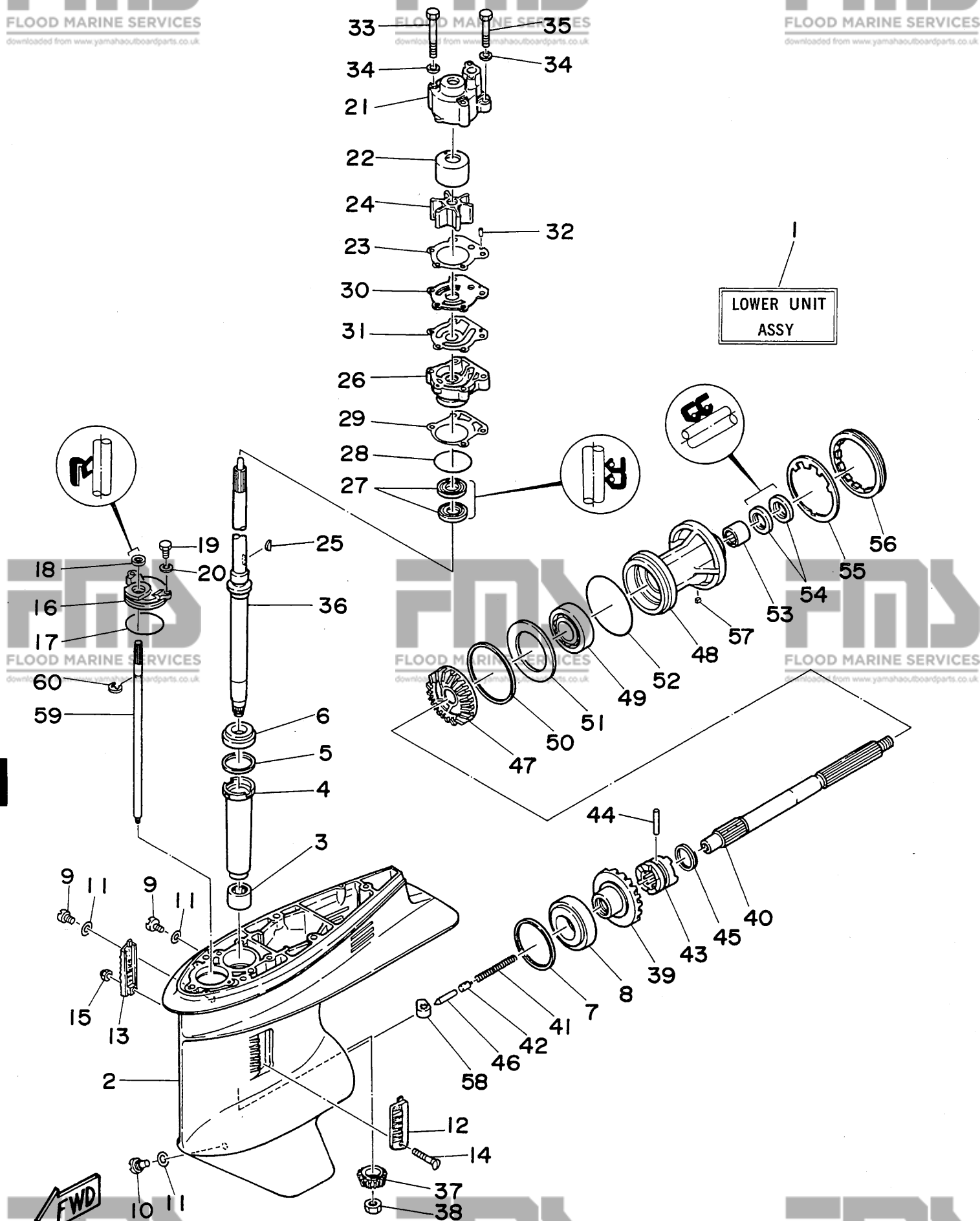


Fig. 15 LOWER CASING. DRIVE 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	692-45300-12-1D	LOWER UNIT ASSY (Ref.No. 2 to 60)	1	28	93210-46044	O-RING	1
2	688-45311-04-1D	CASING, lower	1	29	688-44316-A0	GASKET, water pump	1
3	93315-325V1	BEARING, cylindrical	1	30	688-44323-00	OUTER PLATE, cartridge	1
4	688-45536-01	SLEEVE, drive shaft	1	31	688-44324-A0	GASKET, cartridge	1
5	688-45587-01-10	SHIM (T:0.10MM)	1 UR	32	93604-10M03	PIN, dowel	2
	688-45587-01-12	SHIM (T:0.12MM)	1 UR	33	97395-08070	BOLT	2
	688-45587-01-15	SHIM (T:0.15MM)	1 UR	34	90209-08M02	WASHER	4
	688-45587-01-18	SHIM (T:0.18MM)	1 UR	35	97395-08050	BOLT	2
	688-45587-01-30	SHIM (T:0.30MM)	1 UR	36	688-45501-11	DRIVE SHAFT COMP.	1
	688-45587-01-40	SHIM (T:0.40MM)	1 UR	37	688-45551-01	PINION	1
	688-45587-01-50	SHIM (T:0.50MM)	1 UR	38	90170-16M01	NUT	1
6	93332-000U3	BEARING	1	39	688-45560-00	GEAR	1
7	688-45567-01-10	SHIM (T:0.10MM)	1 UR	40	688-45611-00	SHAFT, propeller	1
	688-45567-01-12	SHIM (T:0.12MM)	1 UR	41	90501-16233	SPRING, compression	1
	688-45567-01-15	SHIM (T:0.15MM)	1 UR	42	688-45634-00	SLIDE, shift	1
	688-45567-01-18	SHIM (T:0.18MM)	1 UR	43	688-45631-01	CLUTCH, dog	1
	688-45567-01-30	SHIM (T:0.30MM)	1 UR	44	90250-07M02	PIN, straight	1
	688-45567-01-40	SHIM (T:0.40MM)	1 UR	45	688-45633-00	RING, cross pin	1
	688-45567-01-50	SHIM (T:0.50MM)	1 UR	46	688-45635-00	PLUNGER, shift	1
8	93332-000U5	BEARING	1	47	688-45571-01	GEAR	1
9	90340-08M04	PLUG, straight screw	2	48	688-45331-00-94	HOUSING, bearing	1
10	688-45341-00	PLUG, drain	1	49	93306-207U0	BEARING	1
11	90430-08020	GASKET	3	50	688-45577-01-10	SHIM (T:0.10MM)	1 UR
12	688-45214-02	COVER, water inlet	1		688-45577-01-12	SHIM (T:0.12MM)	1 UR
13	688-45215-02	COVER, water inlet	1		688-45577-01-15	SHIM (T:0.15MM)	1 UR
14	98680-05545	SCREW, oval head	1		688-45577-01-18	SHIM (T:0.18MM)	1 UR
15	90185-05002	NUT, self-locking	1		688-45577-01-30	SHIM (T:0.30MM)	1 UR
16	688-45321-00	PLATE	1		688-45577-01-40	SHIM (T:0.40MM)	1 UR
17	93210-49046	O-RING	1		688-45577-01-50	SHIM (T:0.50MM)	1 UR
18	93106-09014	OIL SEAL	1	51	688-45576-00	WASHER, thrust	1
19	97395-06016	BOLT	2	52	93210-85M97	O-RING	1
20	92990-06600	WASHER, plate	2	53	93317-325U0	BEARING, cylindrical	1
21	688-44311-01	HOUSING, water pump	1	54	93101-25M03	OIL SEAL	2
22	688-44322-00	INSERT, cartridge	1	55	688-45383-02	WASHER, claw	1
23	688-44315-A0	GASKET, water pump	1	56	688-45384-00	NUT	1
24	688-44352-03	IMPELLER	1	57	90282-04010	KEY, straight	1
25	90280-04M04	KEY, woodruff	1	58	663-44151-00	CAM, shift	1
26	688-44341-00-94	HOUSING, water pump	1	59	663-44144-01	ROD, shift	1
27	93101-25M03	OIL SEAL	2	60	99001-08600	CIRCLIP	1

Fig. 16 LOWER CASING. DRIVE 2

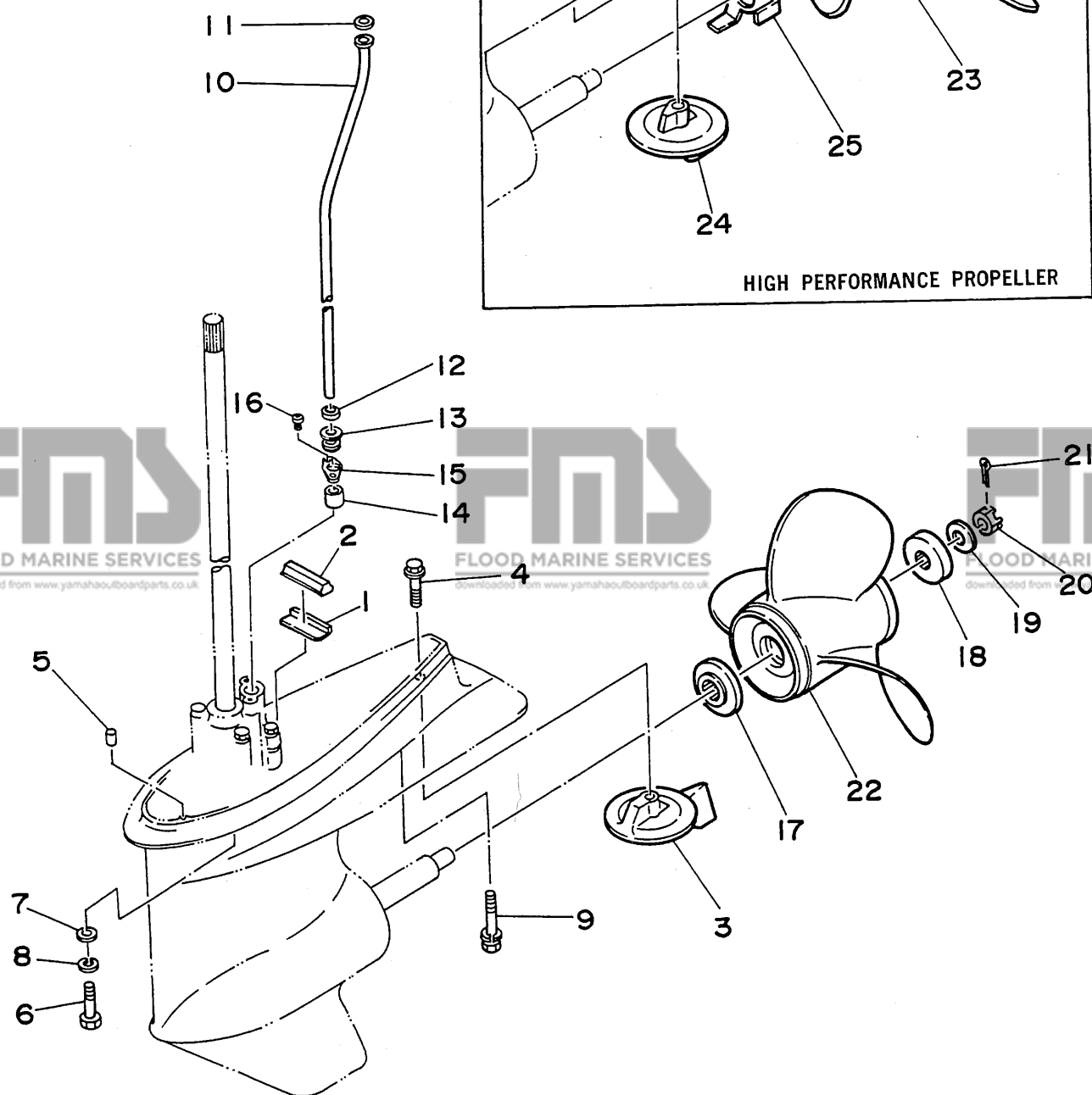


Fig. 16 LOWER CASING. DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	663-45376-00-94	GUIDE, seal damper	1	22	6E5-45943-00-EL	PROPELLER (3X12-5/8"X21"-K)	1 UR
2	688-45375-00	DAMPER, seal	1		6E5-45945-01-EL	PROPELLER (3X13-1/4"X17"-K)	1 UR
3	688-45371-02	TAB-TRIM	1		6E5-45947-00-EL	PROPELLER (3X13-1/2"X15"-K)	1 UR
4	90105-10M00	BOLT, washer based	1		6E5-45949-00-EL	PROPELLER (3X13-5/8"X13"-K)	1 UR
5	93606-12019	PIN, dowel	2		6E5-45952-00-EL	PROPELLER (3X13"X23"-K)	1 UR
6	97395-10040	BOLT	4		6E5-45954-00-EL	PROPELLER (3X14"X11"-K)	1 UR
7	92990-10600	WASHER, plate	4		STAINLESS STEEL PROPELLER		
8	92990-10100	WASHER, spring	4		688-45970-03-98	PROPELLER (3X13"X19"-K)	1 UR
9	90119-08M84	BOLT, with washer	1		688-45972-02-98	PROPELLER (3X13"X21"-K)	1 UR
10	688-44361-10	TUBE, water	1		688-45974-02-98	PROPELLER (3X13"X23"-K)	1 UR
11	90202-12060	WASHER, plate	1		688-45976-01-98	PROPELLER (3X13"X25"-K)	1 UR
12	90430-12072	GASKET	1		688-45978-60-98	PROPELLER (3X13-1/2"X16"-K)	1 UR
13	663-44367-00	DAMPER, water seal	1		688-45930-01-98	PROPELLER (3X13"X17"-K)	1 UR
14	663-44366-00	DAMPER, water seal	1		688-45932-60-98	PROPELLER (3X13-1/2"X14"-K)	1 UR
15	90480-19M06	GROMMET	1		HIGH PERFORMANCE PROPELLER		
16	97780-40112	SCREW, tapping	2	23	6E5-45970-10	PROPELLER (3X14"X20"-P)	1 UR
17	688-45987-01	SPACER	1		6E5-45972-10	PROPELLER (3X14"X24"-P)	1 UR
18	688-45997-01	SPACER	1		6E5-45974-10	PROPELLER (3X14"X28"-P)	1 UR
19	90201-17M00	WASHER, plate	1		6E5-45976-10	PROPELLER (3X14"X22"-P)	1 UR
20	90171-16011	NUT, castle	1		6E5-45978-10	PROPELLER (3X14"X26"-P)	1 UR
21	91490-40030	PIN, cotter	1	24	6E5-45371-10	TAB-TRIM	1
22	6E5-45941-00-EL	PROPELLER (3X13"X19"-K)	1 UR	25	6E5-45994-10	PLATE, tooth	1

Fig. 17 MAGNETO

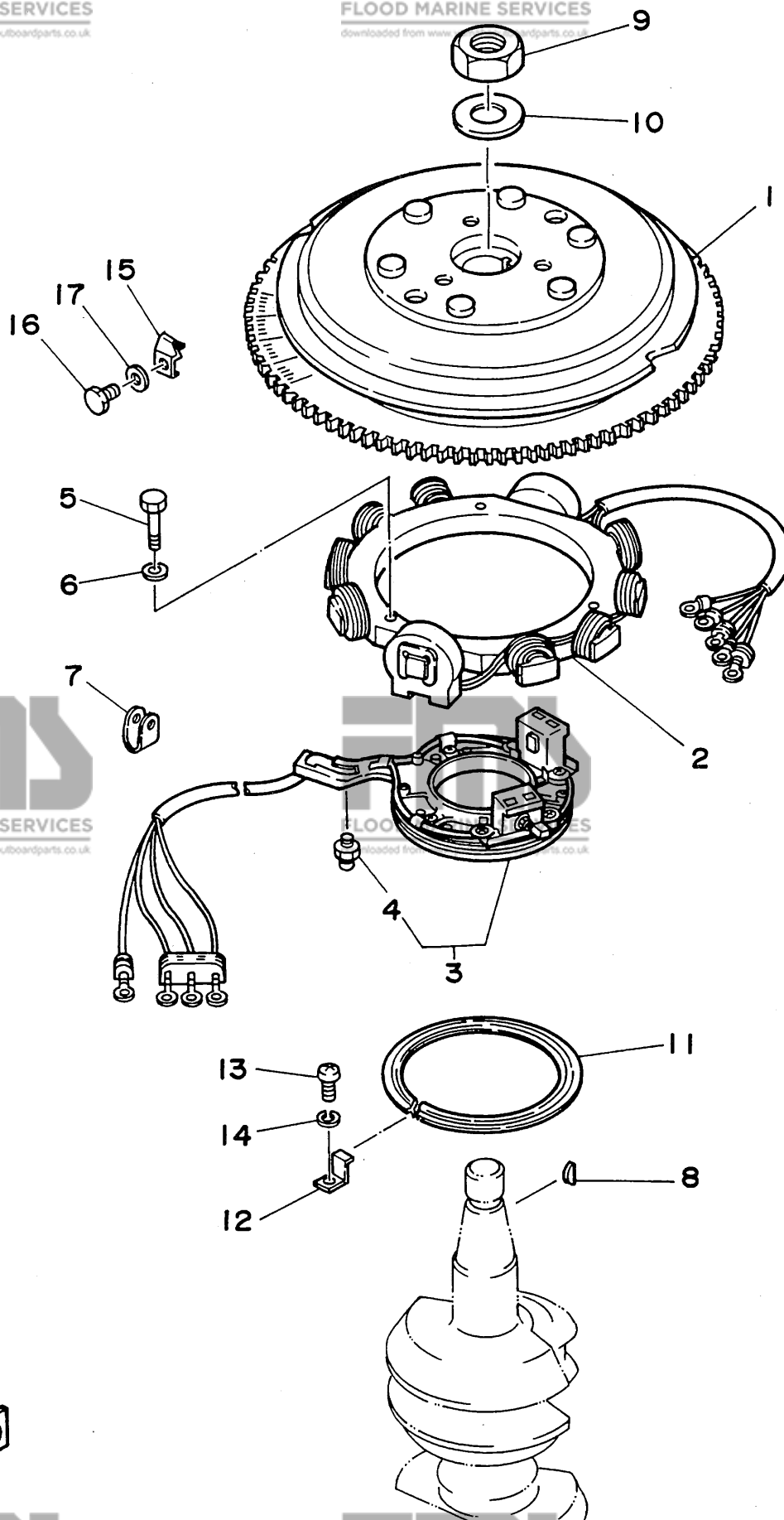


Fig. 17 MAGNETO

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-85550-13	ROTOR ASSY	1	10	90201-21M18	WASHER, plate	1
2	688-85510-11	STATOR ASSY	1	11	688-41611-00	RETAINER, magneto base	1
3	688-85580-12	COIL, pulser	1	12	688-41612-00	RETAINER, magneto base	3
4	663-85518-00	.JOINT, ball	1	13	98580-06012	SCREW, pan head	3
5	97313-06025	BOLT	3	14	92995-06100	WASHER, spring	3
6	92990-06600	WASHER, plate	3	15	688-81332-01	PLATE, timing	1
7	90464-12M00	CLAMP	1	16	97395-06010	BOLT	1
8	90280-05049	KEY, woodruff	1	17	92990-06600	WASHER, plate	1
9	90170-20137	NUT	1				



Fig. 18 STARTING MOTOR

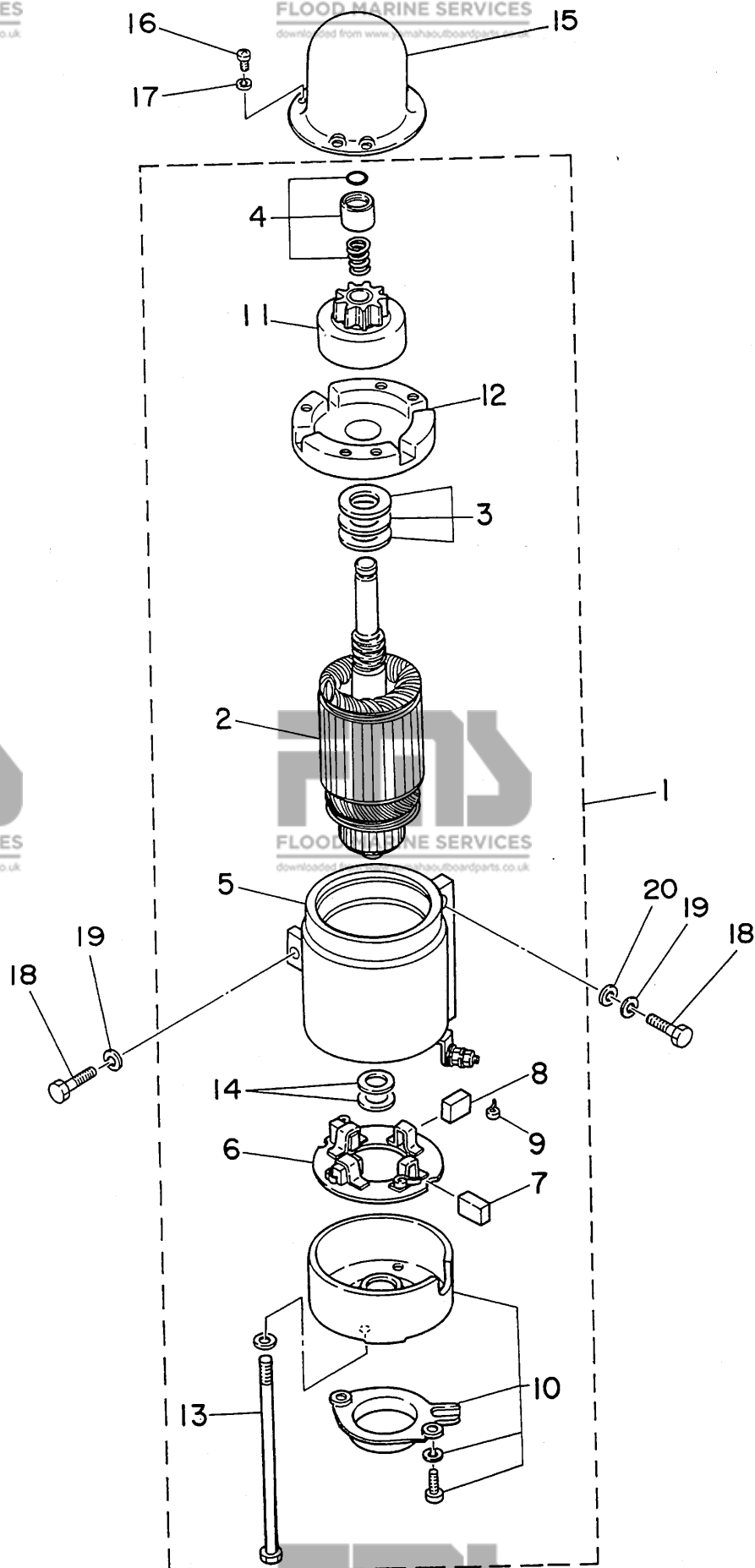


Fig. 18 STARTING MOTOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-81800-12	STARTING MOTOR ASSY	1	11	663-81832-11	.PINION ASSY	1
2	676-81850-11	.ARMATURE ASSY	1	12	688-81830-11	.FRONT BRACKET ASSY	1
3	676-81809-10	.WASHER KIT	1	13	663-81826-10	.BOLT	2
4	676-81857-10	.PINION STOPPER SET	1	14	688-81824-00	.WASHER 2	1
5	688-81810-11	.STATOR ASSY	1	15	688-81842-00	COVER	1
6	663-81840-11	.BRUSH HOLDER ASSY	1	16	98580-04010	SCREW, pan head	3
7	663-81811-11	.BRUSH 1	2	17	92990-04200	WASHER, plain	3
8	663-81812-11	.BRUSH 2	2	18	97313-08030	BOLT	3
9	663-81813-10	.SPRING, brush	4	19	92990-08100	WASHER, spring	3
10	663-81820-12	.REAR BRACKET ASSY	1	20	92990-08600	WASHER, plate	2

Fig. 19 ELECTRICAL I (75AE/85AE MODEL)

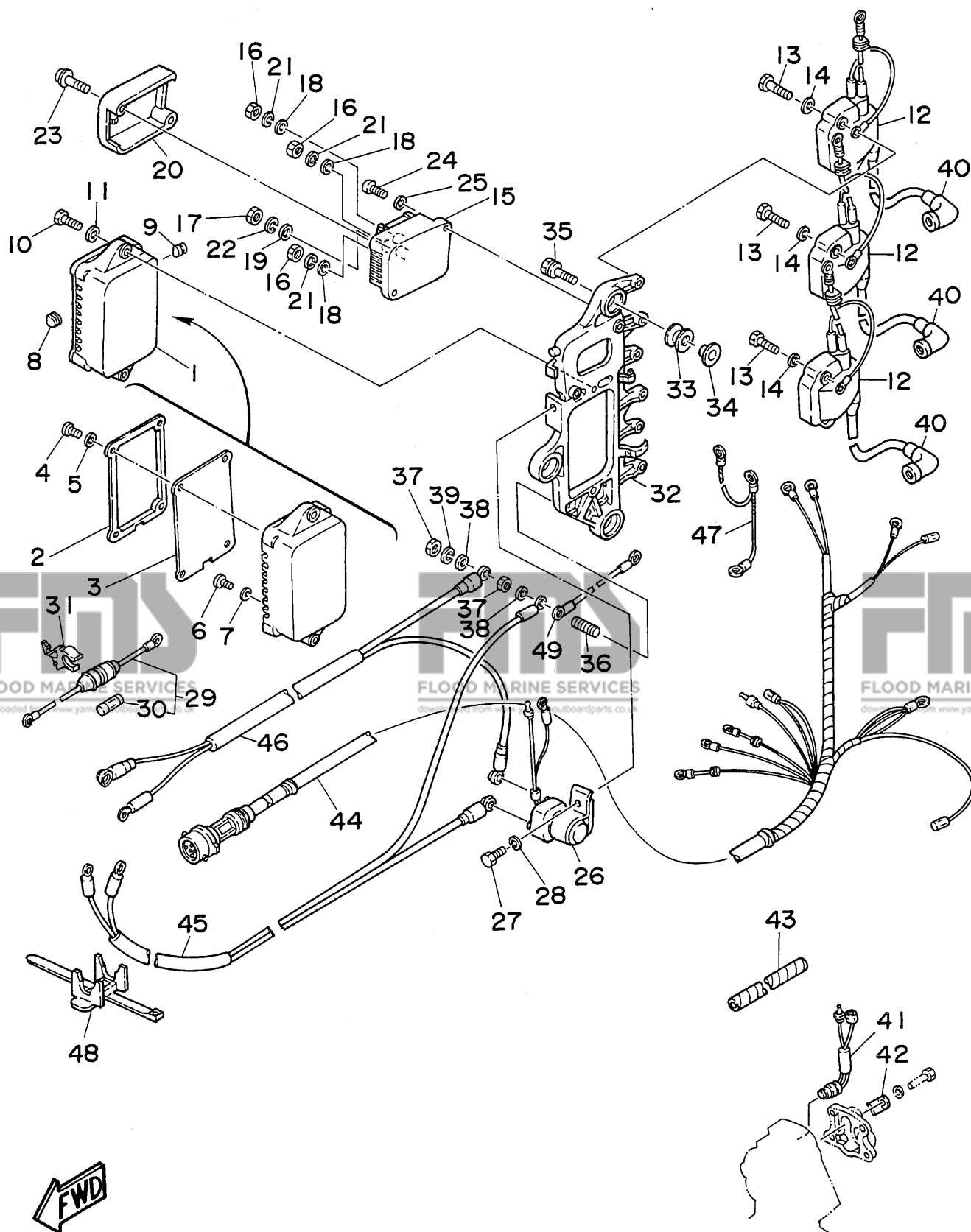


Fig. 19 ELECTRICAL 1 (75AE/85AE MODEL)

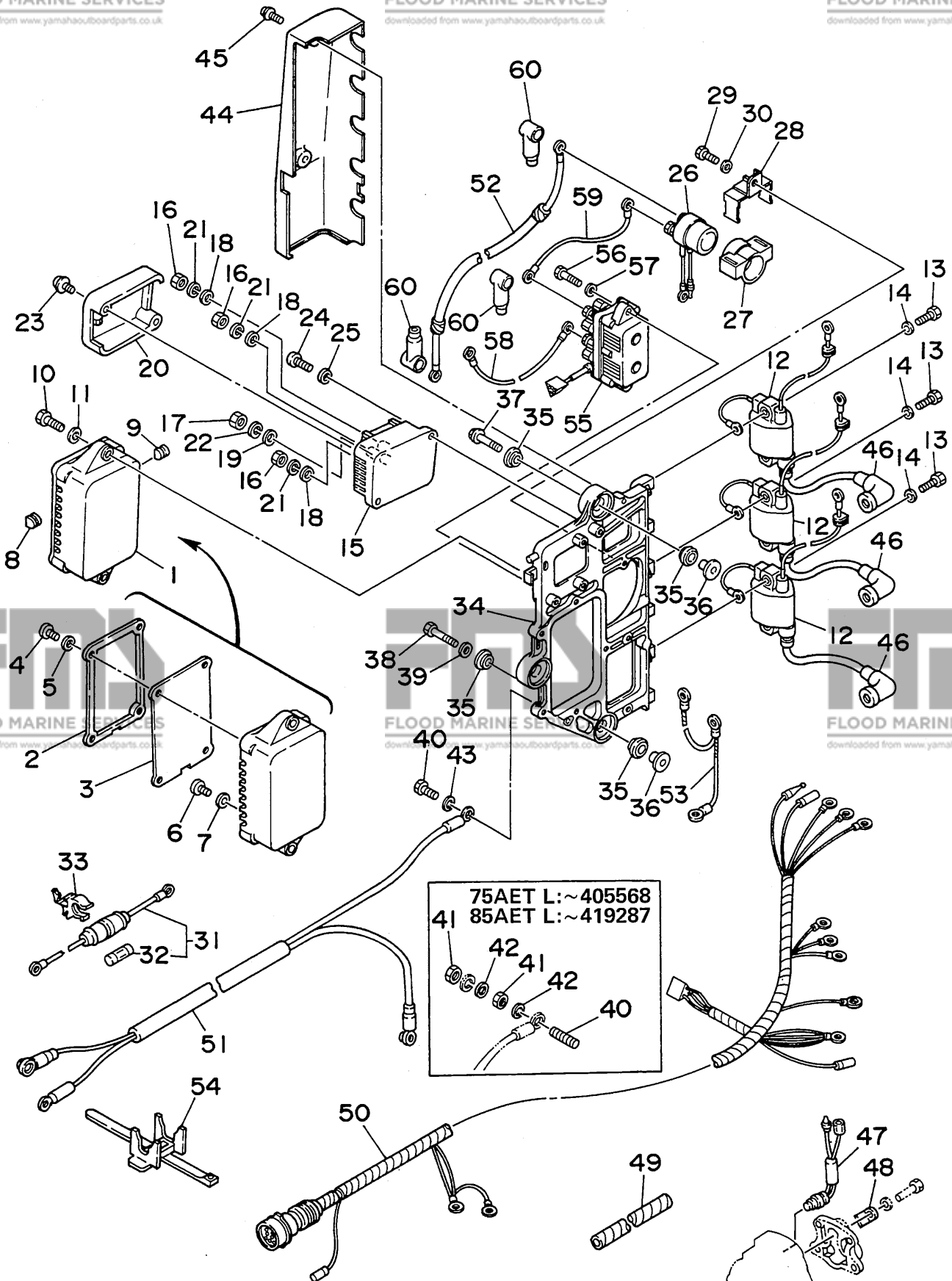
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-85540-16	C.D.I. UNIT ASSY	1	26	688-81940-11	STRATER RELAY ASSY	1
2	688-85537-12	.COVER	1	27	97395-06016	BOLT	1
3	6E5-85547-10	.DAMPER	1	28	92990-06600	WASHER, plate	1
4	98580-05010	.SCREW, pan head	4	29	688-82150-01	FUSE HOLDER ASSY	1
5	92990-05600	.WASHER, plate	4	30	682-82151-00	.FUSE	1
6	98580-04008	.SCREW, pan head	16	31	6G5-82152-00	HOLDER, fuse	1
7	92990-04200	.WASHER, plain	16	32	688-85542-03-94	BRACKET	1
8	90480-06157	GROMMET	2	33	90480-09M12	GROMMET	3
9	663-81922-00	GROMMET	1	34	90387-06M03	COLLAR	3
10	97395-06025	BOLT	2	35	90119-06M26	BOLT, with washer	3
11	92990-06600	WASHER, plate	2	36	90116-06M22	BOLT, stud	1
12	688-85570-11	IGNITION COIL ASSY	3	37	95380-06700	NUT	2
13	97395-06030	BOLT	6	38	92990-06200	WASHER, plain	2
14	92990-06600	WASHER, plate	6	39	92990-06100	WASHER, spring	1
15	6G5-81960-A0	RECTIFIER & REGULATOR ASSY	1	40	661-82370-20	PLUG CAP ASSY	3
16	95380-05600	NUT	3	41	688-82560-10	THERMO SWITCH ASSY	1
17	95380-06600	NUT	1	42	688-82588-01	PLATE	1
18	92990-05200	WASHER, plain	3	43	90446-10M01	HOSE	1
19	92990-06200	WASHER, plain	1	44	688-82590-03	WIRE HARNESS ASSY	1
20	688-81961-01	COVER	1	45	688-82105-02	WIRE HARNESS	1
21	92990-05100	WASHER, spring	3	46	688-82531-01	WIRE, lead	1
22	92990-06100	WASHER, spring	1	47	697-82519-00	WIRE, earth lead	1
23	97985-05225	SCREW, with washer	2	48	688-82594-00	CLAMP	1
24	97395-06020	BOLT	2	49	688-83354-00	WIRE, earth lead 1	1
25	92990-06600	WASHER, plate	2				

Fig. 20 ELECTRICAL 2 (75AET/85AET MODEL)

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75AE(T)/85AE(T)

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Fig. 20 ELECTRICAL 2 (75AET/85AET MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-85540-16	C.D.I. UNIT ASSY	1	32	682-82151-00	.FUSE	1
2	688-85537-12	.COVER	1	33	6G5-82152-00	HOLDER, fuse	1
3	6E5-85547-10	.DAMPER	1	34	6H1-85542-00-94	BRACKET	1
4	98580-05010	.SCREW, pan head	4	35	90480-09M25	GROMMET	3
5	92990-05600	.WASHER, plate	4	36	90387-06M03	COLLAR	3
6	98580-04008	.SCREW, pan head	16	37	90119-06M75	BOLT, with washer	3
7	92990-04200	.WASHER, plain	16	38	90109-06M39	BOLT	1
8	90480-06157	GROMMET	2	39	90201-06M31	WASHER, plate	1
9	663-81922-00	GROMMET	1	* 40	90116-06M22	BOLT, stud	1 UR
10	97395-06025	BOLT	2	#	97395-06010	BOLT	1 UR
11	92990-06600	WASHER, plate	2	* 41	95380-06700	NUT	2
12	688-85570-11	IGNITION COIL ASSY	3	* 42	92990-06200	WASHER, plain	2
13	97313-06025	BOLT	6	43	92995-06100	WASHER, spring	1
14	92990-06600	WASHER, plate	6	44	6H1-81916-00	COVER, terminal	1
15	6G5-81960-A0	RECTIFIER & REGULATOR ASSY	1	45	90159-06M11	SCREW, with washer	1
16	95380-05600	NUT	3	46	6G1-82370-20	PLUG CAP ASSY	3
17	95380-06600	NUT	1	47	688-82560-10	THERMO SWITCH ASSY	1
18	92990-05200	WASHER, plain	3	48	688-82588-01	PLATE	1
19	92990-06200	WASHER, plain	1	49	90446-10M01	HOSE	1
20	688-81961-01	COVER	1	50	688-82590-16	WIRE HARNESS ASSY	1
21	92990-05100	WASHER, spring	3	51	688-82105-02	WIRE HARNESS	1
22	92990-06100	WASHER, spring	1	52	6H0-82117-00	WIRE, lead	1
23	97985-05225	SCREW, with washer	2	53	697-82519-00	WIRE, earth lead	1
24	97395-06020	BOLT	2	54	688-82594-00	CLAMP	1
25	92990-06600	WASHER, plate	2	55	61A-81950-00	RELAY ASSY	1
26	6G1-81941-10	STARTER RELAY ASSY	1	56	97395-06025	BOLT	2
27	6G1-81952-00	HOLDER, relay	1	57	92990-06600	WASHER, plate	1
28	6E9-81945-70	PLATE, switch fitting	1	58	6H0-81949-10	WIRE, lead	1
29	97395-06016	BOLT	1	59	6H0-81949-01	WIRE, lead	1
30	92990-06600	WASHER, plate	1	60	682-82119-01	COVER, lead wire	3
31	688-82150-01	FUSE HOLDER ASSY	1				

#75AET L:405567~, 85AET L:419288~ } Interchangeable with a set.
*75AET L:~405568, 85AET L:~419287 }

Fig. 21 REPAIR KIT I

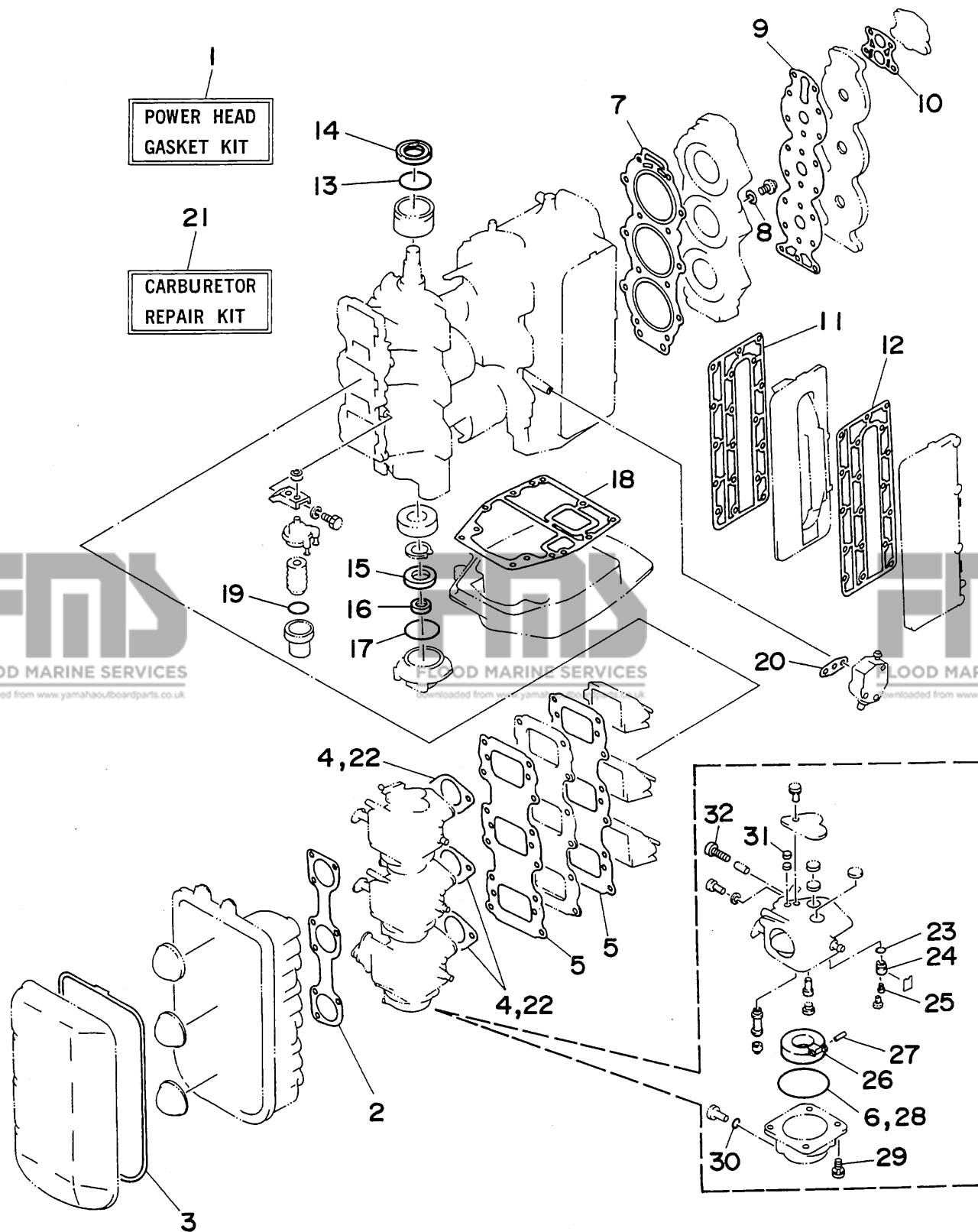


Fig. 21 REPAIR KIT 1

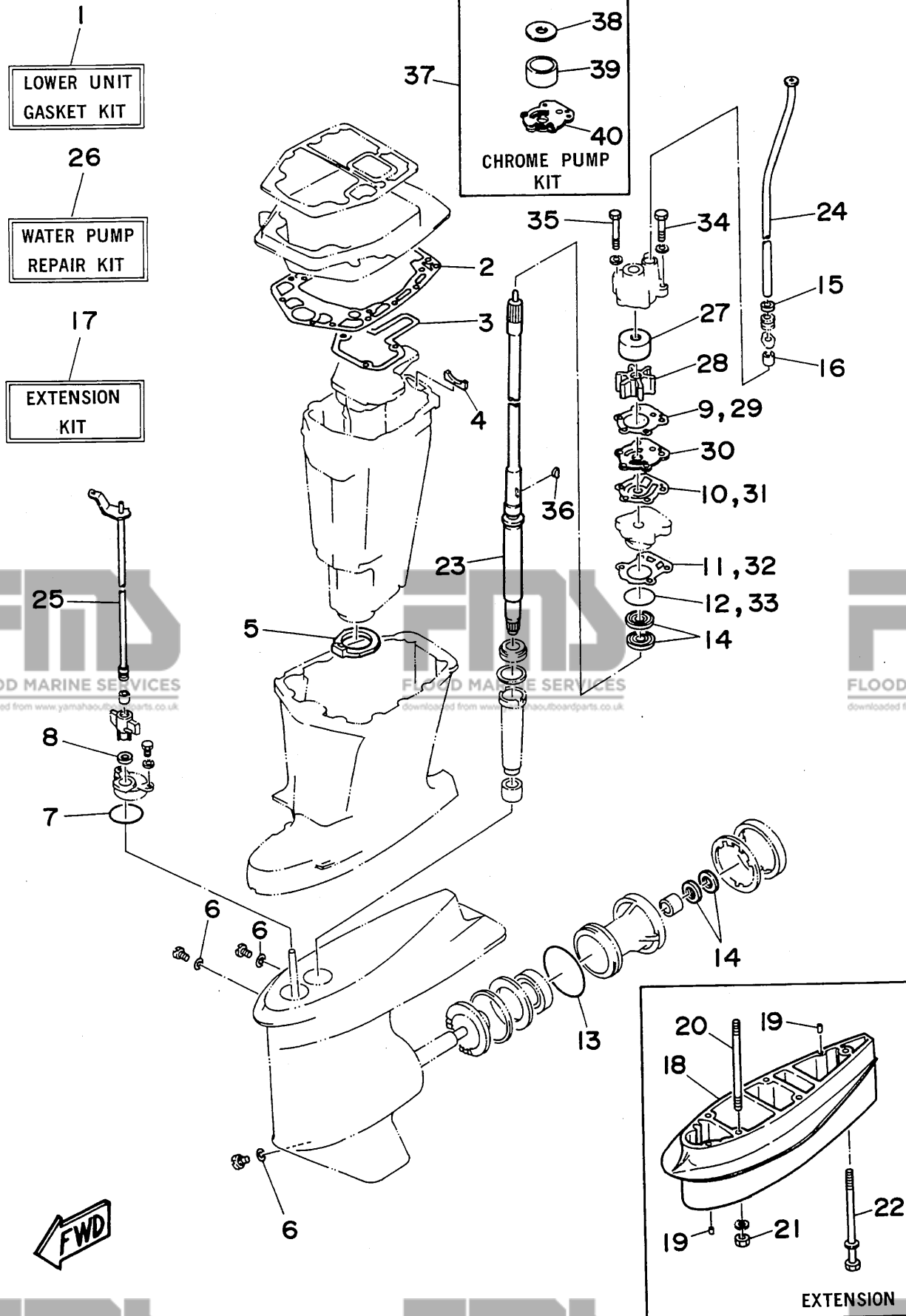
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-W0001-01	POWER HEAD GASKET KIT	1	17	93210-62269	.O-RING	1
2	688-14483-A0	.GASKET	1	18	688-45113-A0	.GASKET, upper casing	1
3	688-14416-00	.GASKET, air cleaner	1	19	93210-37M25	.O-RING	1
4	688-14198-A1	.GASKET	3	20	650-24431-A0	.GASKET, fuel pump 1	1
5	688-13621-A1	.GASKET, valve seat	2	21	6H1-W0093-01	CARBURETOR REPAIR KIT	1
6	676-14984-00	.GASKET, float chamber	3	22	688-14198-A1	.GASKET	3
7	688-11181-A0	.GASKET, cylinder head 1	1	23	93210-04228	.O-RING	3
8	90430-14115	.GASKET	1	24	692-14590-00	.NEEDLE VALVE ASSY	3
9	688-11193-A1	.GASKET, head cover 1	1	25	676-14186-00	.PIN, float	3
10	688-12414-A1	.GASKET, cover	1	26	676-14985-01	.FLOAT	3
11	688-41112-A0	.GASKET, exhaust inner cover	1	27	688-14548-00	.PIN, float arm	3
12	688-41114-A0	.GASKET, exhaust outer cover	1	28	676-14984-00	.GASKET, float chamber	3
13	93210-46M16	.O-RING	1	29	97980-04114	.SCREW, with washer	3
14	93102-36M24	.OIL SEAL	1	30	93210-04230	.O-RING	3
15	93102-30M05	.OIL SEAL	1	31	663-14126-00	.GASKET	3
16	93104-20M02	.OIL SEAL	1	32	692-14923-00	.SCREW, pilot	3

Fig. 22 REPAIR KIT 2

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Fig. 22 REPAIR KIT 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-W0001-21	LOWER UNIT GASKET KIT	1	21	95380-10600	.NUT	4
2	688-45114-A1	.GASKET, upper casing	1	22	97375-08190	.BOLT	1
3	688-41134-A0	.GASKET, exhaust manifold	1	23	688-45501-22	.DRIVE SHAFT COMP.	1
4	688-41133-00	.GASKET, exhaust manifold 1	1	24	688-44361-20	.TUBE, water	1
5	688-45123-00	.GASKET, muffler	1	25	688-44120-21	.HANDLE GEAR SHIFT ASSY	1
6	90430-08020	.GASKET	3	26	692-W0078-01	WATER PUMP REPAIR KIT	1
7	93210-49046	.O-RING	1	27	688-44322-00	.INSERT, cartridge	1
8	93106-09014	.OIL SEAL	1	28	688-44352-03	.IMPELLER	1
9	688-44315-A0	.GASKET, water pump	1	29	688-44315-A0	.GASKET, water pump	1
10	688-44324-A0	.GASKET, cartridge	1	30	688-44323-00	.OUTER PLATE, cartridge	1
11	688-44316-A0	.GASKET, water pump	1	31	688-44324-A0	.GASKET, cartridge	1
12	93210-46044	.O-RING	1	32	688-44316-A0	.GASKET, water pump	1
13	93210-85M97	.O-RING	1	33	93210-46044	.O-RING	1
14	93101-25M03	.OIL SEAL	4	34	97395-08050	.BOLT	2
15	90430-12072	.GASKET	1	35	97395-08070	.BOLT	2
16	663-44366-00	.DAMPER, water seal	1	36	90280-04M04	.KEY, woodruff	1
17	688-W0072-00-1D	EXTENSION KIT	1	37	688-W0078-1A	CHROME PUMP KIT	1
18	688-45211-00-1D	.EXTENSION	1	38	688-44321-41	.INNER PLATE, cartridge	1
19	93606-12019	.PIN, dowel	4	39	688-44322-41	.INSERT, cartridge	1
20	90116-10M05	.BOLT, stud	4	40	688-44323-40	.OUTER PLATE, cartridge	1



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Fig. 1 CYLINDER. CRANKCASE

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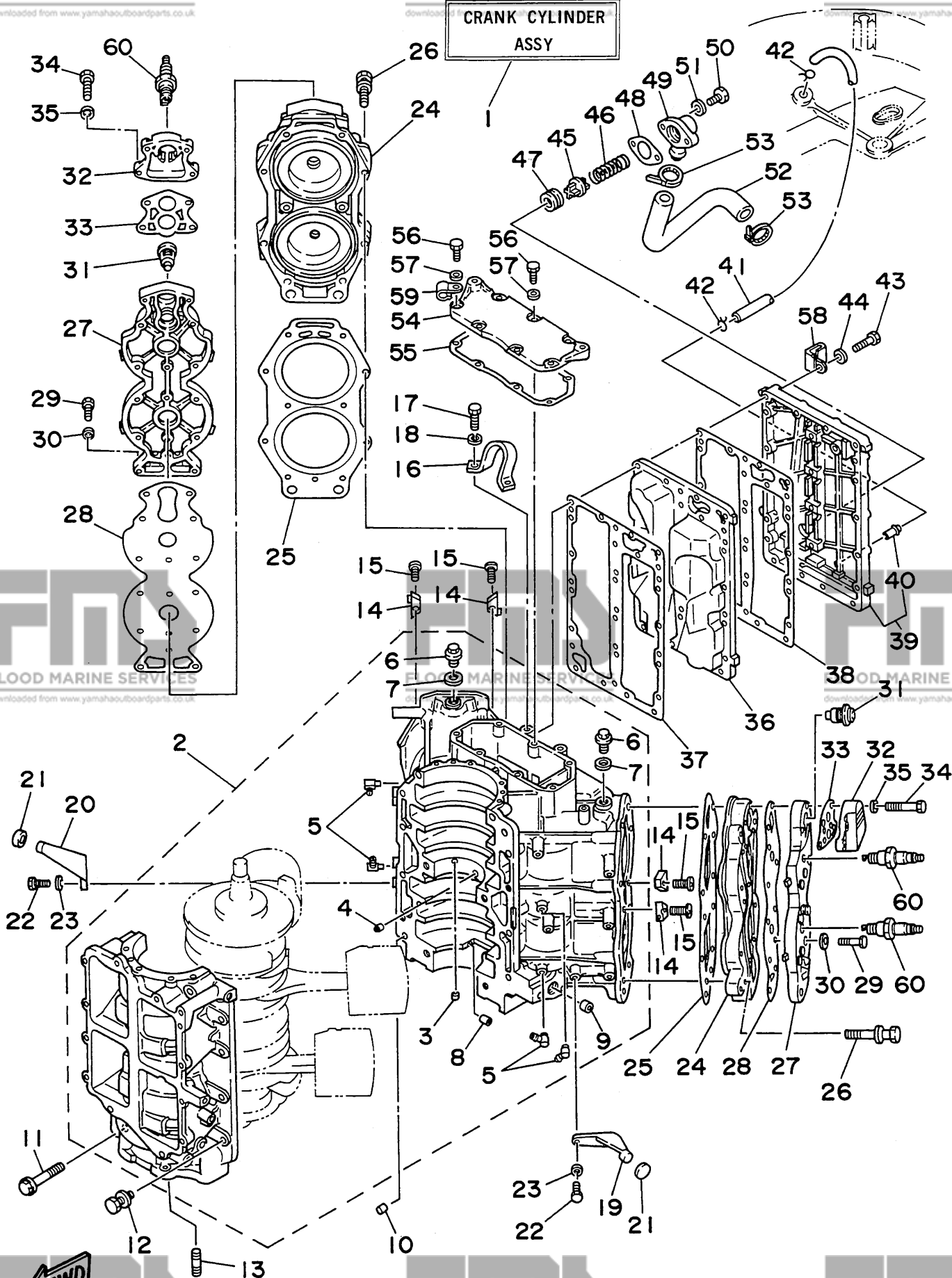
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Fig. 1 CYLINDER. CRANKCASE

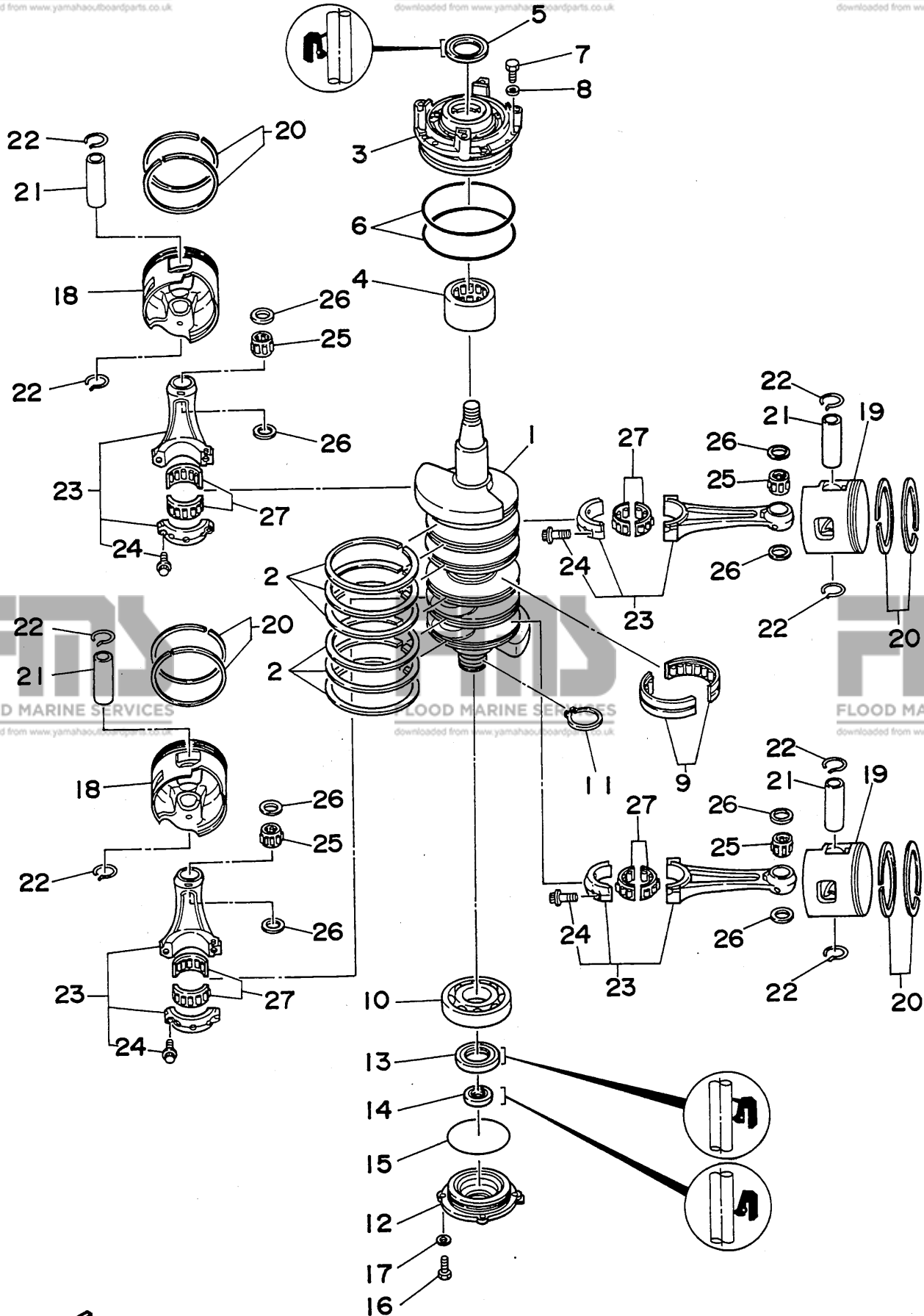
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-W0090-52-1D	CRANK CYLINDER ASSY (Ref.No. 2 to 57 and Fig. 2, Ref. No. 1 to 27)	1	30	92990-06600	WASHER, plate	24
2	6N6-15100-00-94	CRANKCASE ASSY	1	31	6E5-12411-20	THERMOSTAT	2
3	624-11379-00	.VALVE, check	1	32	6G5-12413-00-9M	COVER, thermostat	2
4	663-11518-01	.LOCK, bearing	1	33	688-12414-A1	GASKET, cover	2
5	6E5-11372-00	.NIPPLE, hose	4	34	97313-06040	BOLT	8
6	90340-14M00	.PLUG, straight screw	2	35	92990-06600	WASHER, plate	8
7	90430-14115	.GASKET	2	36	6E5-41111-00-9M	INNER COVER, exhaust	1
8	90384-06M07	.BUSH, bimetal formed	1	37	6E5-41112-A1	GASKET, exhaust inner cover	1
9	90384-14M09	.BUSH, bimetal formed	1	38	6E5-41114-A0	GASKET, exhaust outer cover	1
10	93608-12063	PIN, dowel	2	39	6N7-41113-00-9M	OUTER COVER, exhaust	1
11	90105-10M20	BOLT, washer based	6	40	650-24378-00	.PIPE, joint 4	1
12	90119-08M23	BOLT, with washer	8	41	6E5-24312-00	PIPE 2	1
13	90116-08M45	BOLT, stud	2	42	90467-08004	CLIP	2
14	6E5-11325-00	ANODE	4	43	97013-06035	BOLT	23
15	98680-04016	SCREW, oval head	4	44	92990-06600	WASHER, plate	23
16	6E5-11119-00	HANGER, engine	1	45	6G5-12416-00	VALVE, pressure control	1
17	97313-08020	BOLT	2	46	90501-16M11	SPRING, compression	1
18	92990-08100	WASHER, spring	2	47	90480-20M05	GROMMET	1
19	6E5-42761-00-94	STOPPER	1	48	6G5-11382-A1	GASKET 2	1
20	6E5-42762-00-94	STOPPER	1	49	6G5-11372-00-5B	COVER, bypass 2	1
21	663-44533-00	DAMPER, upper mount rubber	2	50	97313-06020	BOLT	2
22	97313-06020	BOLT	4	51	92990-06600	WASHER, plate	2
23	92990-06600	WASHER, plate	4	52	6E5-12576-00	HOSE 1	1
24	6E5-11111-10-94	HEAD, cylinder 1	2	53	90465-13M36	CLAMP	2
25	6E5-11181-A0	GASKET, cylinder head 1	2	54	6E5-11371-00-9M	COVER	1
26	90119-08M21	BOLT, with washer	20	55	6E5-11381-A1	GASKET 1	1
27	6E5-11191-01-9M	COVER, cylinder head 1	2	56	97313-06020	BOLT	7
28	6E5-11193-A0	GASKET, head cover 1	2	57	92990-06600	WASHER, plate	7
29	97313-06030	BOLT	24	58	90465-08M08	CLAMP	3
				59	90465-08028	CLAMP	1
				60	94702-00247	PLUG, spark (NGK BR8HS 10)	4

Fig. 2 CRANKSHAFT. PISTON

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Fig. 2 CRANKSHAFT. PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-11411-01	CRANKSHAFT	1	18	6R5-11631-11-93	PISTON (STD)	2
2	6E5-11447-00	SEAL, crank	6		6R5-11635-11	PISTON (0.25MM O/S)	2 AP
3	6E5-15163-00-94	HOUSING, bearing 1	1		6R5-11636-11	PISTON (0.50MM O/S)	2 AP
4	93311-940U3	BEARING, cylindrical	1	19	6R5-11642-11-93	PISTON 2 (STD)	2
5	93102-40M38	OIL SEAL	1		6R5-11645-11	PISTON 2 (0.25MM O/S)	2 AP
6	93211-04384	O-RING	2		6R5-11646-11	PISTON 2 (0.50MM O/S)	2 AP
7	97313-06020	BOLT	4	20	6R5-11603-00	PISTON RING SET (STD)	4
8	92990-06600	WASHER, plate	4		6R5-11604-00	PISTON RING SET (0.25MM O/S)	4 AP
9	93310-954V3	BEARING, cylindrical	1		6R5-11605-00	PISTON RING SET (0.50MM O/S)	4 AP
10	93306-208U0	BEARING	1	21	6R5-11633-10	PIN, piston	4
11	93410-40M03	CIRCLIP	1	22	6R5-11634-10	CLIP, piston pin	8
12	665-15359-00-94	HOUSING, oil seal	1	23	6R5-11650-10	CONNECTING ROD ASSY	4
13	93102-35M13	OIL SEAL	1	24	90109-08M61	.BOLT	2
14	93101-22M15	OIL SEAL	1	25	93310-323V6	BEARING, cylindrical	4
15	93210-74M35	O-RING	1	26	90201-23M01	WASHER, plate	8
16	97395-06020	BOLT	4	27	93310-836V2	BEARING, cylindrical	4
17	92990-06600	WASHER, plate	4				

Fig. 3 INTAKE

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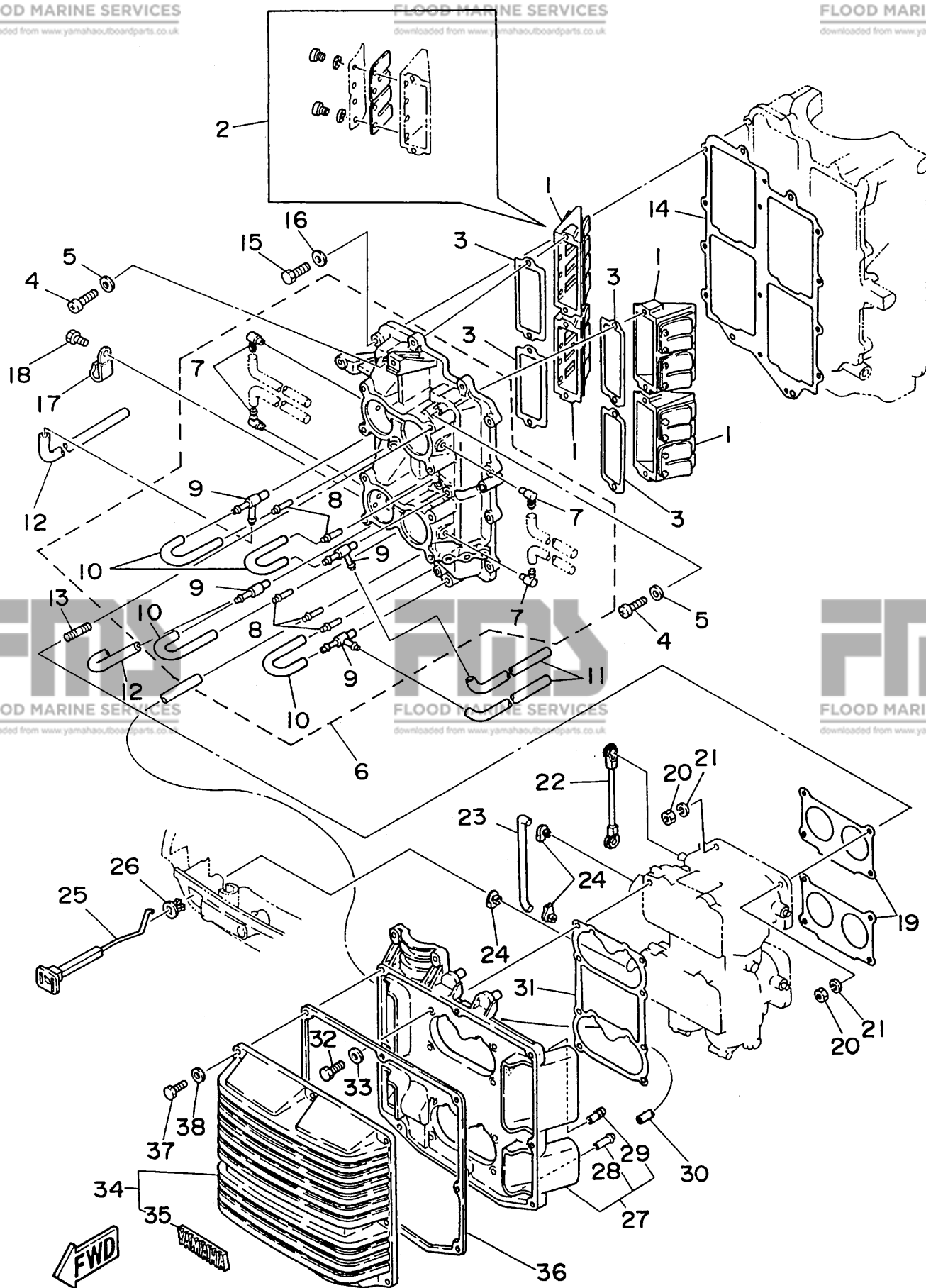


Fig. 3 INTAKE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-13610-00	REED VALVE ASSY	4	20	95380-06600	NUT	8
2	6E5-W0004-00	.REED SET	1	21	92990-06100	WASHER, spring	8
3	6E5-13621-A1	GASKET, valve seat	4	22	6E5-41217-01	ROD, accel. lever	1
4	98503-05025	SCREW, pan head	8	23	6E5-41256-01	ROD, choke 1	1
5	92990-05600	WASHER, plate	8	24	661-41262-02	JOINT, choke lever	3
6	6E5-13641-10-94	MANIFOLD 1	1	25	6E5-41271-02	KNOB, choke	1
7	6E5-13552-00	.NOZZLE	4	26	689-41273-00	GROMMET	1
8	624-14485-00	.PIPE, joint	5	27	6E5-14417-10-94	COVER 1	1
9	6E5-11370-00	.CHECK VALVE ASSY	4	28	624-14485-00	.PIPE, joint	1
10	90445-07M28	.HOSE	4	29	6E5-14485-00	.PIPE, joint	1
11	90445-07M24	HOSE	2	30	90445-07M23	HOSE	1
12	90445-07M46	HOSE	2	31	6E5-14483-A1	GASKET	1
13	90116-06M30	BOLT, stud	8	32	97313-06020	BOLT	8
14	6E5-13645-A1	GASKET, manifold 1	1	33	92990-06600	WASHER, plate	8
15	97313-06025	BOLT	12	34	6E5-14418-00	COVER 2	1
16	92990-06600	WASHER, plate	12	35	6E5-1441K-00	.EMBLEM	1
17	90465-08028	CLAMP	1	36	6E5-14416-A1	GASKET, air cleaner	1
18	97013-06012	BOLT	1	37	97395-06020	BOLT	8
19	6E5-14198-A1	GASKET	2	38	92990-06200	WASHER, plain	8

Fig. 4 CARBURETOR

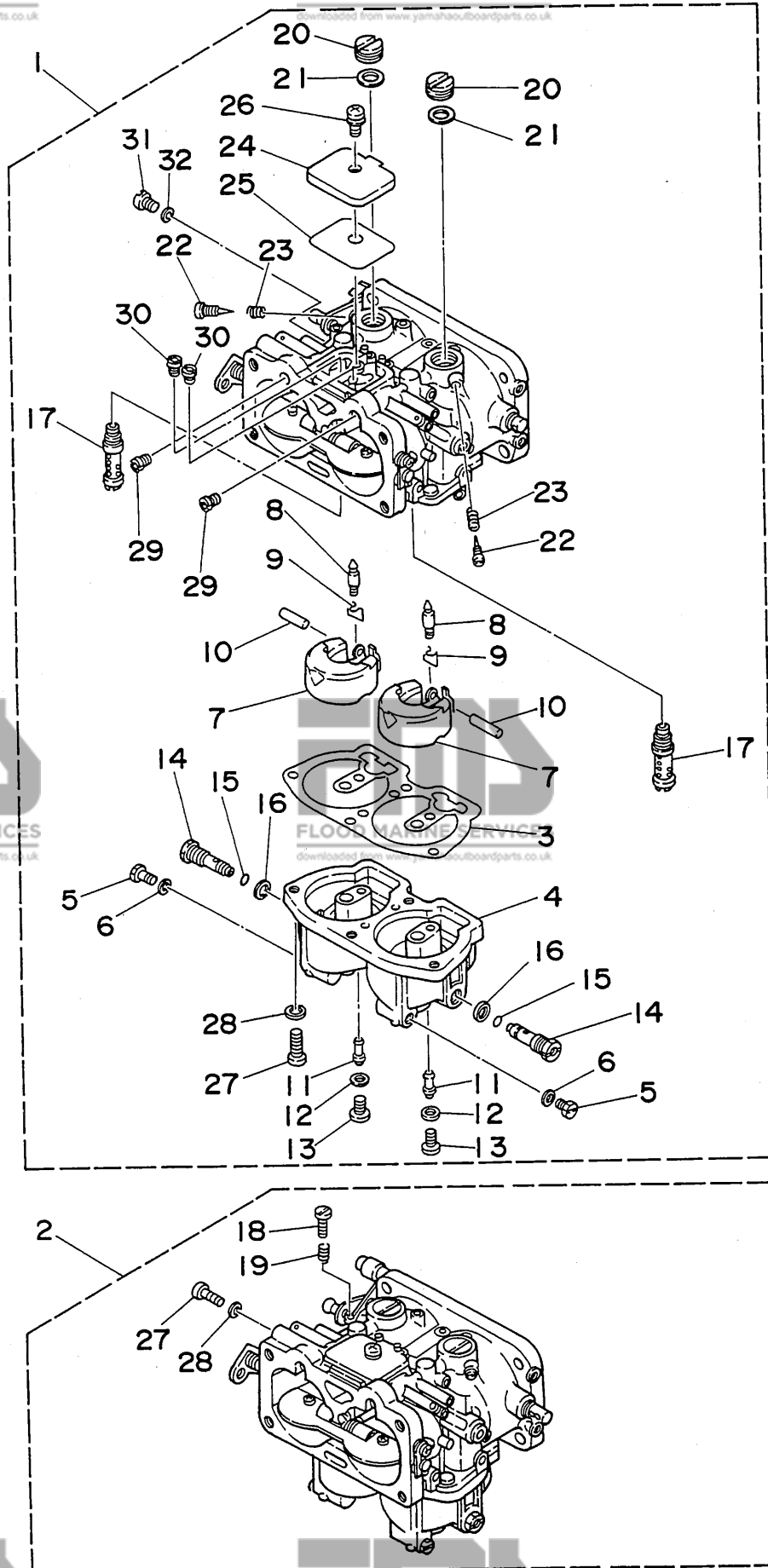


Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-14301-13	CARBURETOR ASSY 1	1	17	6E5-1492A-00	.NOZZLE, main	4
2	6E5-14302-13	CARBURETOR ASSY 2	1	18	6E5-14321-00	.SCREW, throttle (Lower)	1
3	6E5-14384-03	.GASKET, float chamber	2	19	6J8-14334-00	.SPRING, throttle (Lower)	1
4	6E5-14381-03	.BODY, float chamber	2	20	6E5-14328-01	.PLUG	4
5	6E5-14383-01	.SCREW, drain	4	21	6E5-14979-00	.GASKET	4
6	6J8-14995-00	.GASKET	4	22	6E5-14323-03	.SCREW, air adjusting	4
7	6E5-14385-02	.FLOAT	4	23	6E5-14223-00	.SPRING, air adjusting	4
8	6E5-14546-00	.VALVE, needle	4	24	6E5-14527-01	.PLATE	2
9	6E5-14159-00	.CLIP	4	25	6E5-14959-01	.GASKET	2
10	6E5-14386-02	.PIN, float	4	26	97980-05108	.SCREW, with Washer	2
11	6E5-1492F-39	.JET, air slow (#78)	4	27	98580-05016	.SCREW, pan head	9
12	6E5-14397-00	.GASKET	4	28	92990-05100	.WASHER, spring	9
13	6E5-14394-00	.PLUG, slow jet	4	29	61A-1-492H-12	.JET, slow air bleed	4
14	6E5-1492E-90	.JET, main (#180)	4	30	61A-1492G-58	.JET, main air bleed	4
15	6E5-14997-00	.O-RING	4	31	6E5-14324-00	.SCREW, flat head	2
16	6E5-14398-01	.GASKET	4	32	6J8-14995-00	.GASKET	2

Fig. 5 OIL PUMP

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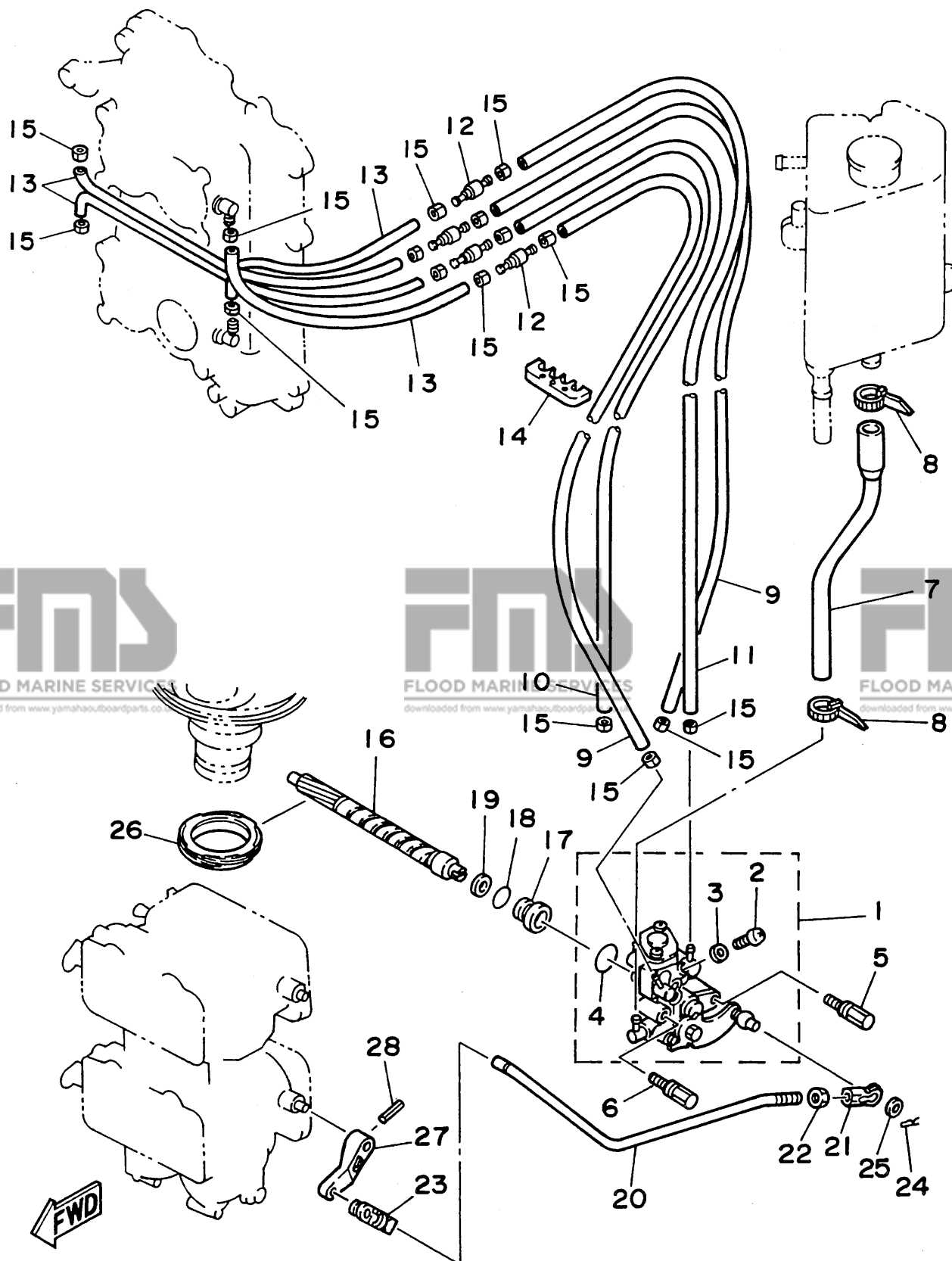
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Fig. 5 OIL PUMP

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6N6-13200-00	OIL INJECTION PUMP ASSY	1	15	90468-07M02	CLIP	16
2	716-24444-00	.SCREW	1	16	6R3-11537-00	GEAR, driven	1
3	6L2-13475-00	.GASKET	1	17	6R3-13117-00	COLLAR, distance	1
4	93210-19MA7	.O-RING	1	18	93210-13595	O-RING	1
5	90109-06M40	BOLT	1	19	90202-08M44	WASHER, plate	1
6	90109-06M39	BOLT	1	20	6R3-41241-00	ROD, link	1
7	6N7-13416-00	PIPE, oil 1	1	21	6H1-41237-00	JOINT, link	1
8	90465-11M10	CLAMP	2	22	95380-05600	NUT	1
9	90445-07M85	HOSE	2	23	6R5-41237-00	JOINT, link	1
10	90445-07M84	HOSE	1	24	90468-05M03	CLIP	1
11	90445-07M73	HOSE	1	25	90202-05088	WASHER, plate	1
12	6R3-13183-00	VALVE, check	4	26	6R3-11536-00	GEAR, drive	1
13	90445-07M87	HOSE	4	27	6E5-14276-01	LEVER	1
14	90464-07M06	CLAMP	1	28	91690-30016	PIN, spring	1

Fig. 6 OIL TANK

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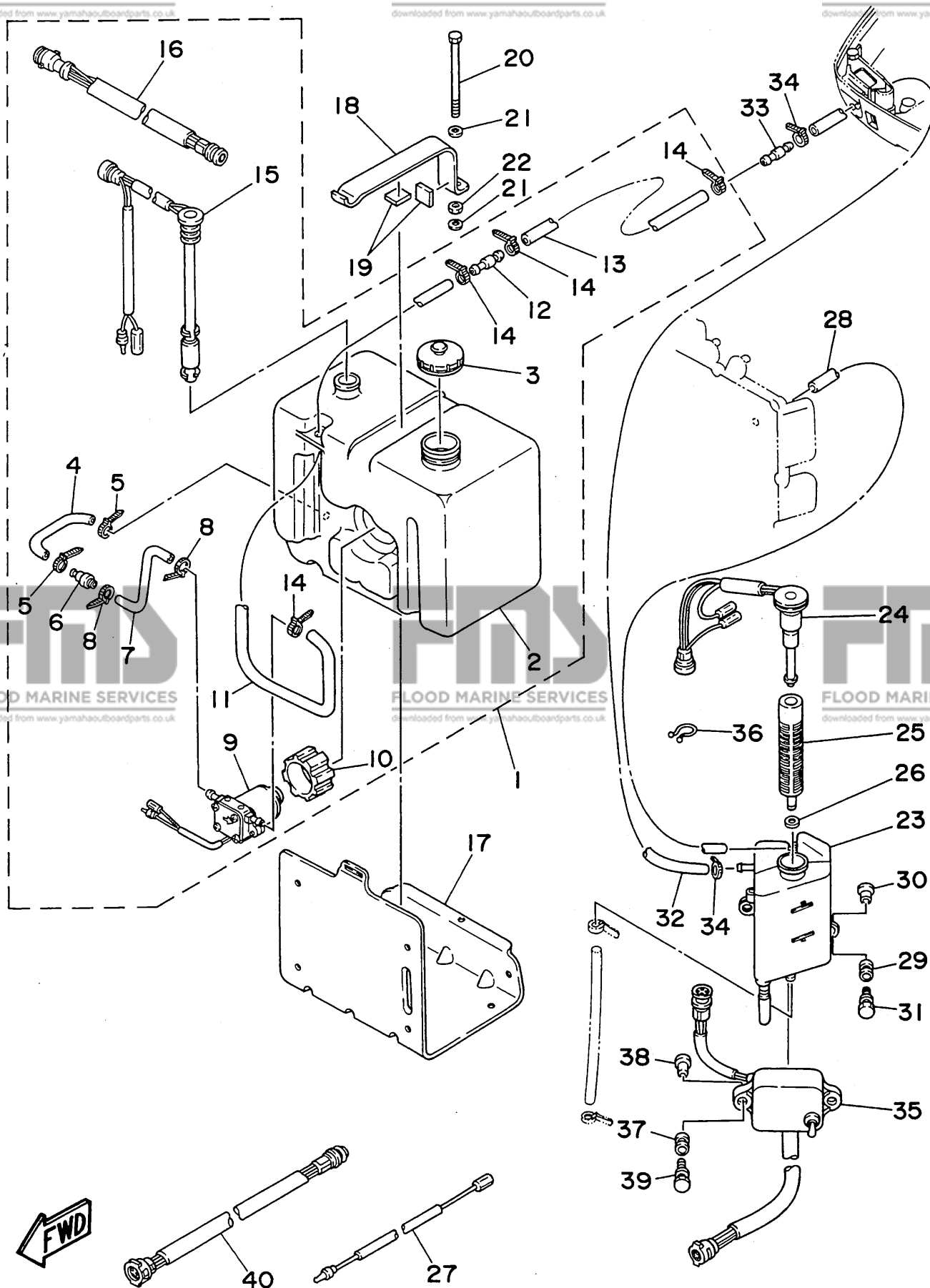
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Fig. 6 OIL TANK

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-21708-05	OIL TANK SUB-ASSY	1	21	92990-06600	WASHER, plate	2
2	6E5-21733-02	.SUB TANK, oil	1	22	95380-06600	NUT	1
3	6E5-21770-03	.OIL TANK CAP ASSY	1	23	6E5-21750-04	OIL TANK ASSY	1
4	6E5-24322-00	.PIPE 11	1	24	6E5-85730-14	OIL LEVEL GAUGE ASSY	1
5	90465-13M11	.CLAMP	2	25	6E5-13411-00	STRAINER, oil	1
6	646-24251-02	.STRAINER 1	1	26	6E5-13414-00	GASKET, strainer cover	1
7	6E5-24319-01	.PIPE, oil	1	27	6E5-81315-01	LEAD WIRE ASSY	1
8	90465-13M11	.CLAMP	2	28	90445-05M02	HOSE	1
9	6E5-81900-01	.OIL FEED PUMP ASSY	1	29	6A0-82317-00	DAMPER, ignition coil	3
10	6E5-81922-00	.GROMMET	1	30	624-42542-00	PIPE	3
11	6E5-24321-01	.PIPE 10	1	31	90119-06M65	BOLT, with washer	3
12	6E5-24379-00	.PIPE, joint 4	1	32	6E5-24323-00	PIPE 12	1
13	90445-11M81	.HOSE (L3000)	1	33	6E5-24461-00	PIPE, joint	1
14	90465-13M11	.CLAMP	4	34	90465-11M10	CLAMP	2
15	6E5-85720-02	.OIL LEVEL GAUGE ASSY	1	35	6E5-85740-02	CONTROL UNIT ASSY	1
16	6E5-85721-01	.WIRE, lead	1	36	90464-16039	CLAMP	1
17	6E5-21734-01-33	HOLDER, oil sub tank	1	37	6A0-82317-00	DAMPER, ignition coil	2
18	6E5-21798-01-33	BRACKET, damper	1	38	624-42542-00	PIPE	2
19	6E5-21746-00	DAMPER	2	39	90119-06M65	BOLT, with washer	2
20	97380-06100	BOLT	1	40	6E5-82521-03	WIRE, lead	1

Fig. 7 FUEL I

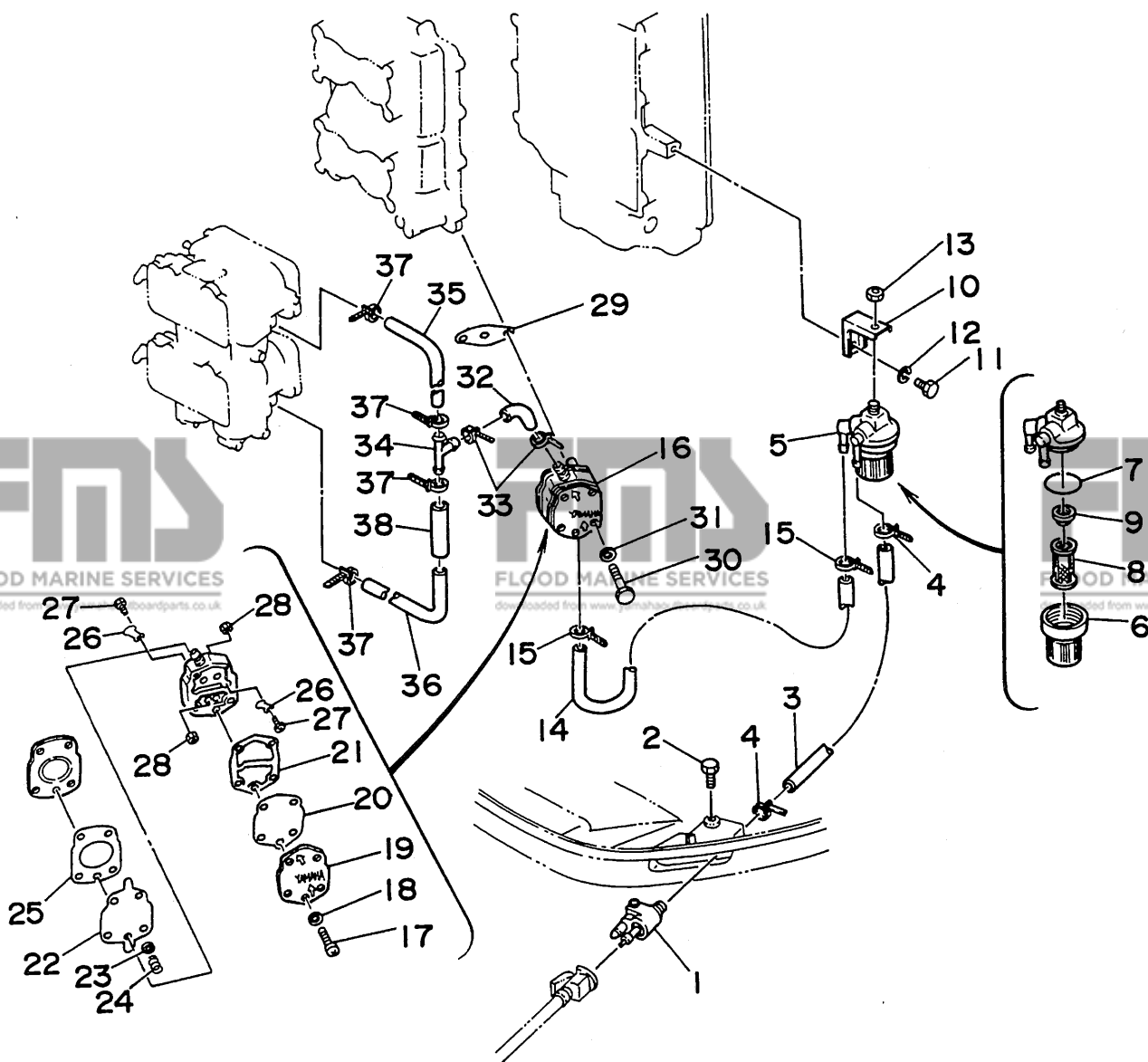
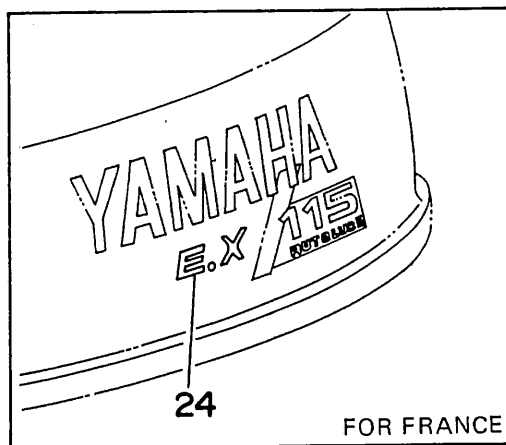
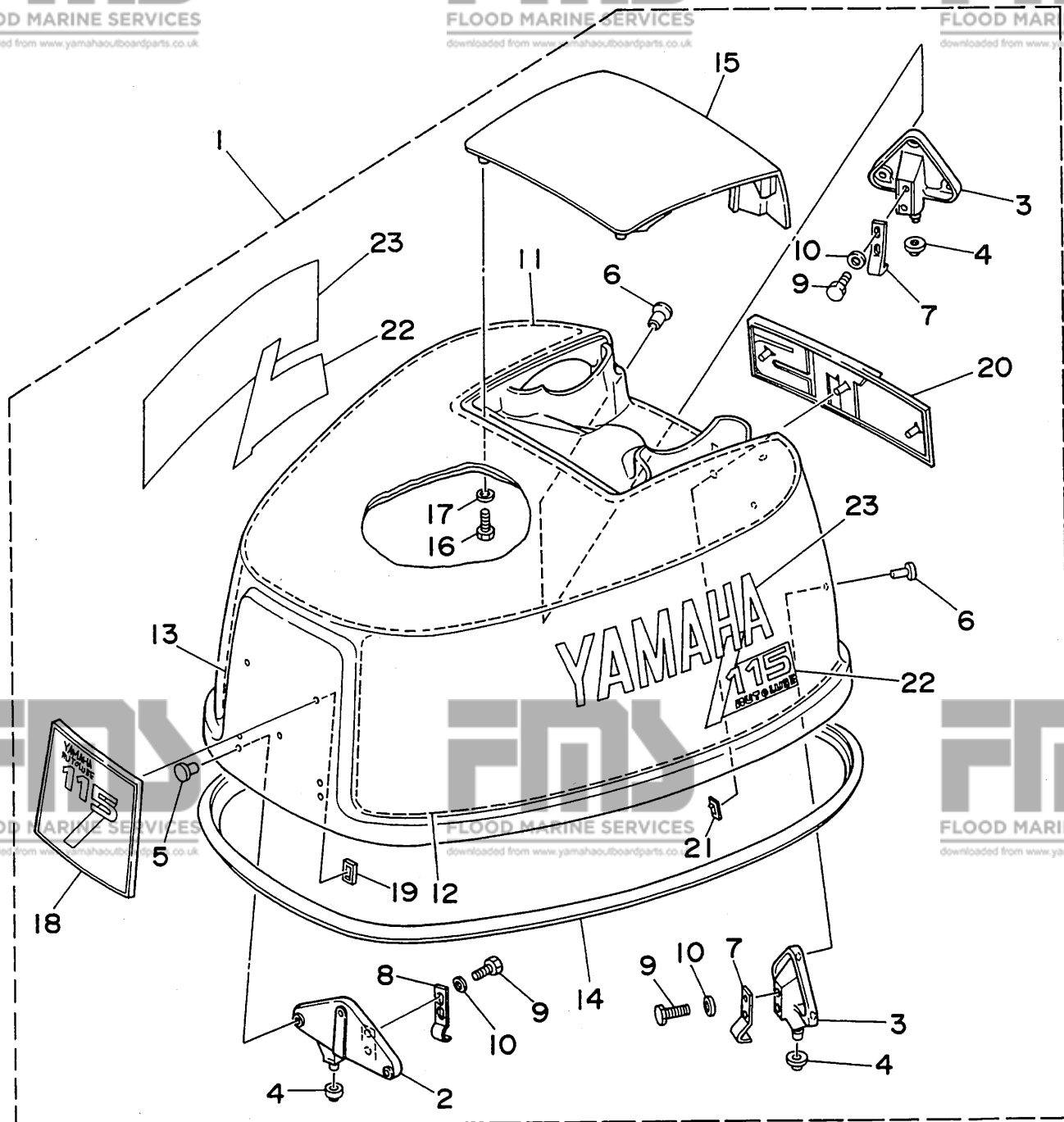


Fig. 7 FUEL 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-24304-10	FUEL PIPE JOINT COMP. 1	1	20	6E5-24471-00	.DIAPHRAGM	1
2	97395-06028	BOLT	1	21	6E5-24435-00	.GASKET, body 2	1
3	6E5-24313-00	PIPE 3	1	22	6E5-24411-00	.DIAPHRAGM	1
4	90465-11M10	CLAMP	2	23	648-24424-00	.SEAT, spring	1
5	6E5-24560-00	FILTER ASSY	1	24	6E5-24423-00	.SPRING, diaphragm	1
6	655-24521-01	.CUP, filter	1	25	6E5-24434-02	.GASKET, body	1
7	93210-37M25	.O-RING	1	26	6A0-24421-01	.VALVE, check	4
8	6F5-24563-00	.ELEMENT, filter	1	27	6A0-14325-00	.SCREW, pan head	4
9	655-24564-00	.GASKET	1	28	95380-03600	.NUT	4
10	6E5-24566-00	BRACKET, filter	1	29	650-24431-A0	GASKET, fuel pump 1	1
11	97313-06014	BOLT	1	30	97395-06050	BOLT	2
12	92990-06100	WASHER, spring	1	31	92990-06600	WASHER, plate	2
13	95380-08600	NUT	1	32	6G5-24316-10	PIPE 6	1
14	6E5-24314-00	PIPE 4	1	33	90465-11M10	CLAMP	2
15	90465-11M10	CLAMP	2	34	6E5-24376-10	PIPE, joint 1	1
16	6E5-24410-03	FUEL PUMP ASSY	1	35	6G5-24318-10	PIPE, overflow	1
17	98580-05035	.SCREW, pan head	3	36	6G5-24319-10	PIPE, oil	1
18	92990-05600	.WASHER, plate	3	37	90465-11M10	CLAMP	4
19	6E5-24413-00	.BODY 2	1	38	90446-15M07	HOSE	1

Fig. 8 TOP COWLING



FOR FRANCE



Fig. 8 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-42610-B0-1D	TOP COWLING ASSY	1	13	6E5-42627-00	.DAMPER, form	1
2	6E5-42647-00-94	.HOLDER, clamp band	1	14	6E5-42615-00	.SEAL	1
3	6E5-42649-01-94	.HOLDER, clamp band	2	15	6E5-42613-00-1D	.MOLDING, air duct	1
4	663-42662-00	.DAMPER	3	16	97395-06016	.BOLT	4
5	90266-06M02	.RIVET	3	17	92990-06600	.WASHER, plate	4
6	90266-06M02	.RIVET	6	18	6E5-42686-B0	.EMBLEM, front	1
7	6E5-42652-00	.HOOK	2	19	90183-05M01	.NUT, spring	4
8	688-42652-10	.HOOK	1	20	6E5-42687-01	.EMBLEM, rear	1
9	97395-06016	.BOLT	6	21	90183-05M01	.NUT, spring	3
10	92990-06600	.WASHER, plate	6	22	6E5-W0070-B0	.GRAPHIC SET	1
11	6E5-42617-00	.DAMPER, form	1	23	6E5-42681-B0	.MARK, cowling	2
12	6E5-42619-00	.DAMPER, form	1	24	697-42683-P0	MARK, cowling (FOR FRANCE)	2

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Fig. 9 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-W4271-04-1D	COWLING, bottom	1	22	90387-08M37	COLLAR	4
2	6H4-42748-00	.GROMMET	1	23	90201-08M54	WASHER, plate	4
3	688-42815-00-1D	LEVER, clamp	1	24	97090-08035	BOLT	4
4	688-42816-00	LEVER, clamp	1	25	688-42726-10	GROMMET	1
5	90386-13M38	BUSH	2	26	90480-13M24	GROMMET	1
6	90206-13M10	WASHER, wave	1	27	6E5-42741-00-1D	APRON	1
7	97395-06012	BOLT	1	28	6E5-42771-00-1D	APRON	1
8	90201-06M02	WASHER, plate	1	29	97395-06020	BOLT	6
9	6E5-42817-00-1D	LEVER, clamp	2	30	92990-06600	WASHER, plate	6
10	6G5-42816-00	LEVER, clamp	1	31	6E5-42716-00	RUBBER, seal 1	1
11	6E5-42816-01	LEVER, clamp	1	32	688-82594-00	CLAMP	1
12	90386-13M38	BUSH	4	33	6E5-82594-00	CLAMP	2
13	90206-13M10	WASHER, wave	2	34	6E5-82588-00	PLATE	1
14	90201-06M02	WASHER, plate	2	35	97395-06020	BOLT	1
15	97395-06012	BOLT	2	36	92990-06600	WASHER, plate	1
16	6E5-44391-00	NIPPLE, hose	1	37	6E5-24367-01	CLAMP, fuel pipe 2	2
17	6E5-42725-11	GROMMET	1	38	90157-06M01	SCREW, pan head	2
18	6E5-42738-00-5B	PLATE, fitting	1	39	92990-06600	WASHER, plate	2
19	97395-06016	BOLT	2	40	6E5-24367-10	CLAMP, fuel pipe 2	1
20	92990-06600	WASHER, plate	2	41	90157-06M01	SCREW, pan head	1
21	90480-22M15	GROMMET	4	42	92990-06600	WASHER, plate	1

Fig. 10 BRACKET

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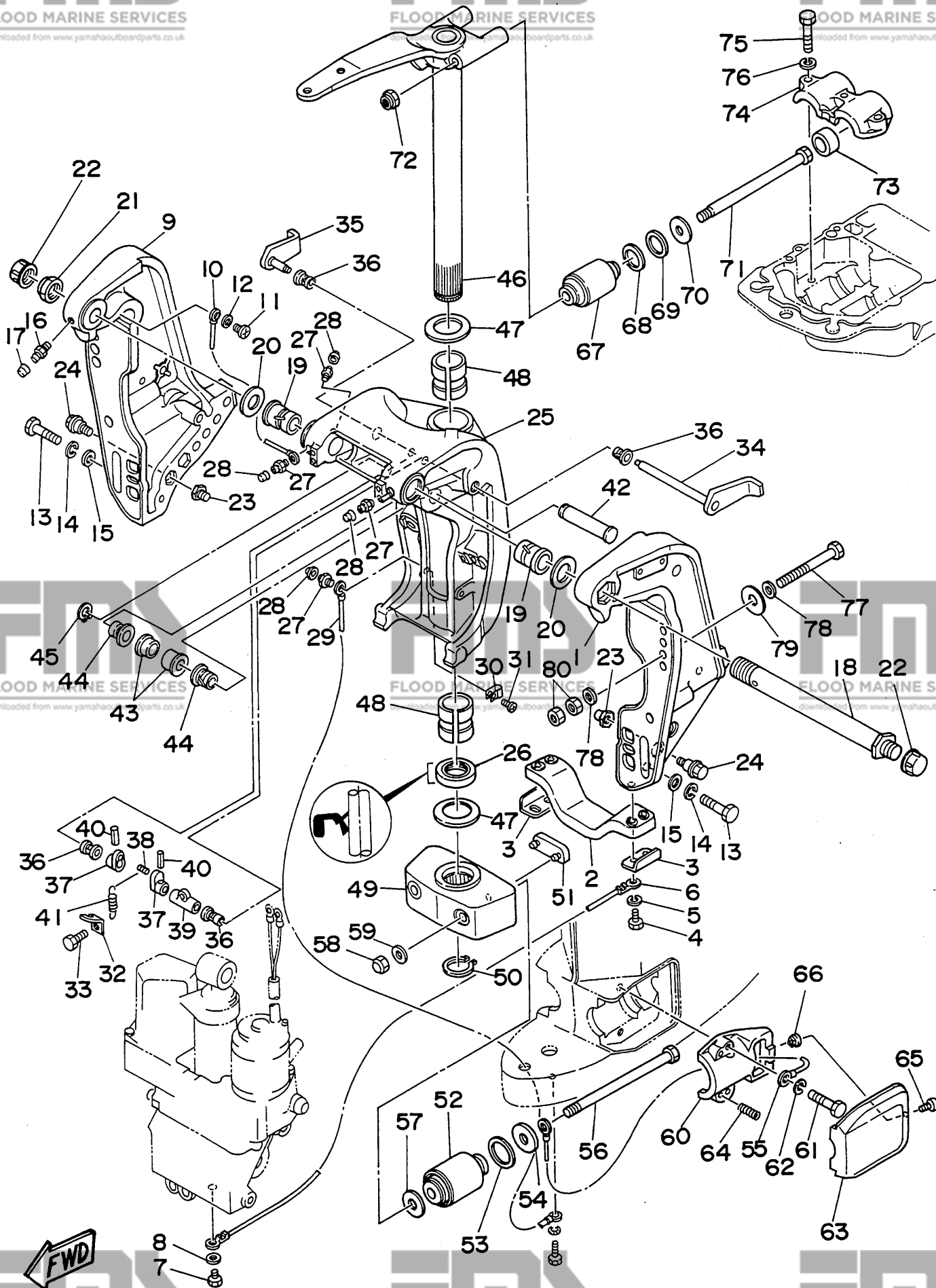
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Fig. 10 BRACKET

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	665-43111-01-1D	BRACKET, clamp	1	41	90506-14M24	SPRING, tension	1
2	665-45251-01	ANODE	1	42	6E5-43126-02	PIN, upper shock mount	1
3	665-44526-00	PLATE	2	43	90386-18M63	BUSH	2
4	97395-06030	BOLT	4	44	90386-18M14	BUSH	2
5	92990-06100	WASHER, spring	4	45	93410-18M02	CIRCLIP	1
6	6E5-82148-00	WIRE, lead 4	1	46	6E5-42510-04-1D	STEERING BRACKET ASSY	1
7	97395-06010	BOLT	1	47	90201-38M60	WASHER, plate	2
8	92990-06600	WASHER, plate	1	48	90386-38M32	BUSH	2
9	665-43112-02-1D	BRACKET, clamp	1	49	665-44551-00-1D	HOUSING, lower mount rubber	1
10	6E5-82148-00	WIRE, lead 4	1	50	93410-37M04	CIRCLIP	1
11	98580-06012	SCREW, pan head	1	51	6E5-44575-00	DAMPER, lower mount rubber	1
12	92990-06600	WASHER, plate	1	52	6E5-44555-00-94	MOUNT DAMPER, lower side	2
13	97395-10050	BOLT	6	53	90202-32M19	WASHER, plate	2
14	92990-10100	WASHER, spring	6	54	90201-16M55	WASHER, plate	2
15	92990-10600	WASHER, plate	6	55	6E5-82149-00	WIRE, lead 3	1
16	93700-06M03	NIPPLE, grease	1	56	90109-14M34	BOLT	2
17	663-45119-00	CAP, grease nipple	1	57	90201-15M58	WASHER, plate	2
18	6E5-43131-02	BOLT, clamp bracket	1	58	95380-14800	NUT	2
19	90386-25M31	BUSH	2	59	92990-14600	WASHER	2
20	90201-26M59	WASHER, plate	2	60	6E5-44552-00-94	HOUSING, lower mount rubber	2
21	90185-22043	NUT, self-locking	1	61	97395-10045	BOLT	4
22	665-43145-00	CAP, clamp bracket	2	62	92990-10100	WASHER, spring	4
23	665-43164-00	ROD, tilt lock	2	63	6E5-44553-00-1D	COVER, lower mount	2
24	90109-12M35	BOLT	2	64	90501-16M28	SPRING, compression	4
25	665-43311-00-1D	BRACKET, swivel	1	65	92390-06015	SCREW, cylinder head	2
26	93109-38M02	OIL SEAL	1	66	90179-06066	NUT	2
27	93700-06M03	NIPPLE, grease	5	67	6E5-44514-00-94	MOUNT DAMPER, upper side	2
28	663-45119-00	CAP, grease nipple	5	68	90201-26M57	WASHER, plate	2
29	6E5-82147-00	WIRE, lead 4	1	69	90202-26M18	WASHER, plate	2
30	90464-11M18	CLAMP	1	70	90201-14M56	WASHER, plate	2
31	98580-04008	SCREW, pan head	1	71	90109-12M37	BOLT	2
32	665-43144-00	HOOK, spring	1	72	90185-12058	NUT, self-locking	2
33	97395-06010	BOLT	1	73	663-44575-00	DAMPER, lower mount rubber	2
34	665-43181-02	LEVER, tilt stop	1	74	6E5-44511-00-5B	COVER, upper mount	1
35	665-43185-02	LEVER, tilt stop	1	75	97395-10045	BOLT	3
36	90386-10M16	BUSH	4	76	92990-10100	WASHER, spring	3
37	665-43148-00	COLLAR, distance	2	77	90101-12M03	BOLT (L:115MM)	4
38	90249-06M19	PIN	1	78	90201-13M01	WASHER, plate	8
39	90387-10M02	COLLAR	1	79	90201-12426	WASHER, plate	4
40	91690-30020	PIN, spring	2	80	95380-12600	NUT	8

Fig. 11 POWER TRIM. TILT

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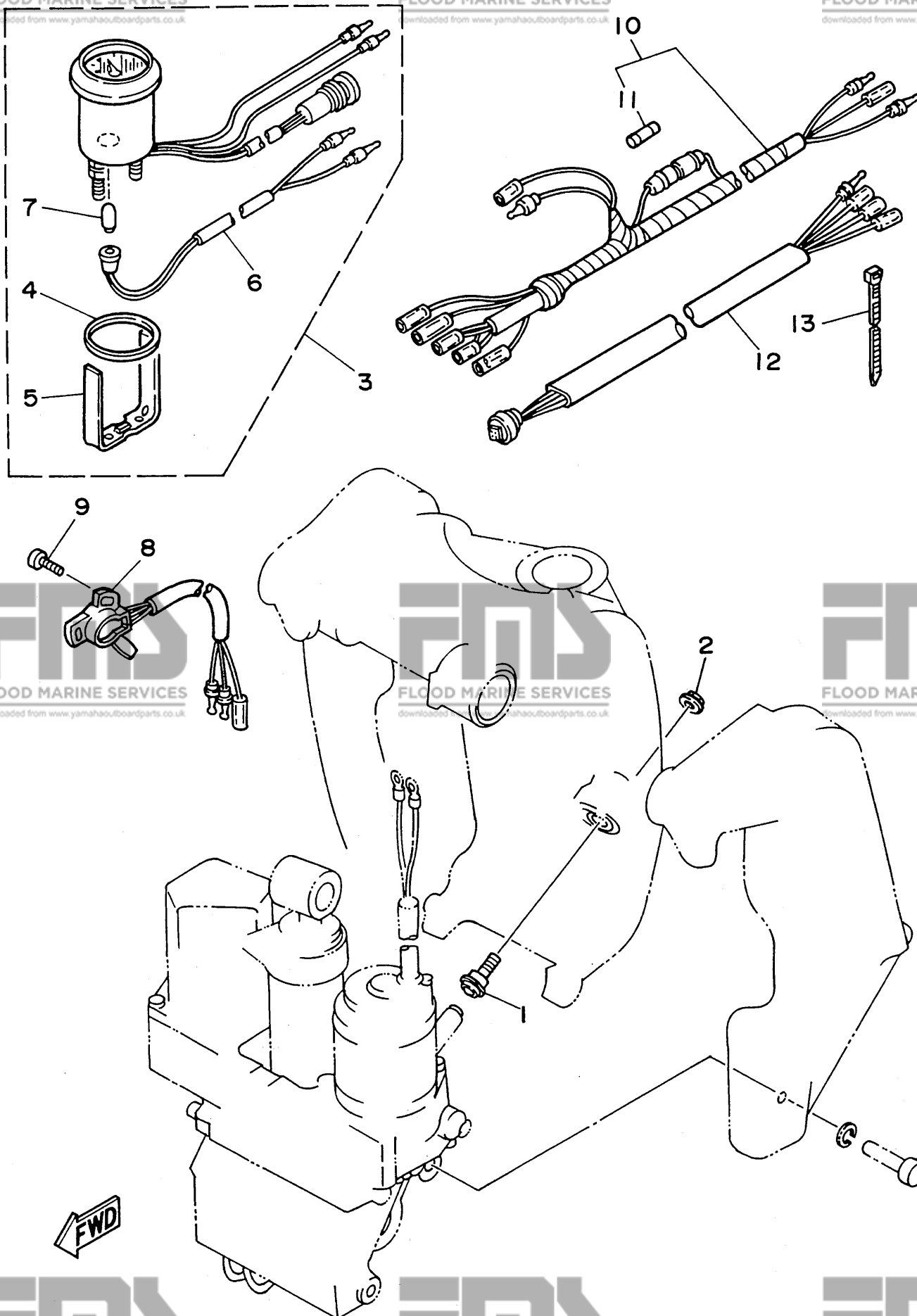
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Fig. 11 POWER TRIM. TILT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G5-43376-00	BOLT, thrust receiver	2	8	6R3-83672-01	TRIM SENDER	1
2	95780-10300	NUT, flange	2	9	98580-06016	SCREW, pan head	2
3	6Y5-83670-10	TRIM GAUGE	1	10	6Y5-83553-00	WIRE, lead	1
4	688-83664-00	.DAMPER	1	11	1E6-82151-00	.FUSE (10A)	1
5	6Y5-83577-00	.PLATE, fitting	1	12	6E5-82553-10	EXTENSION, wire lead	1
6	6Y5-83536-20	.SOCKET, meter	1	13	90465-11M10	CLAMP	3
7	6Y5-83518-00	.BULB, meter	1				

Fig. 12 POWER TRIM & TILT ASSY



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Fig. 12 POWER TRIM & TILT ASSY

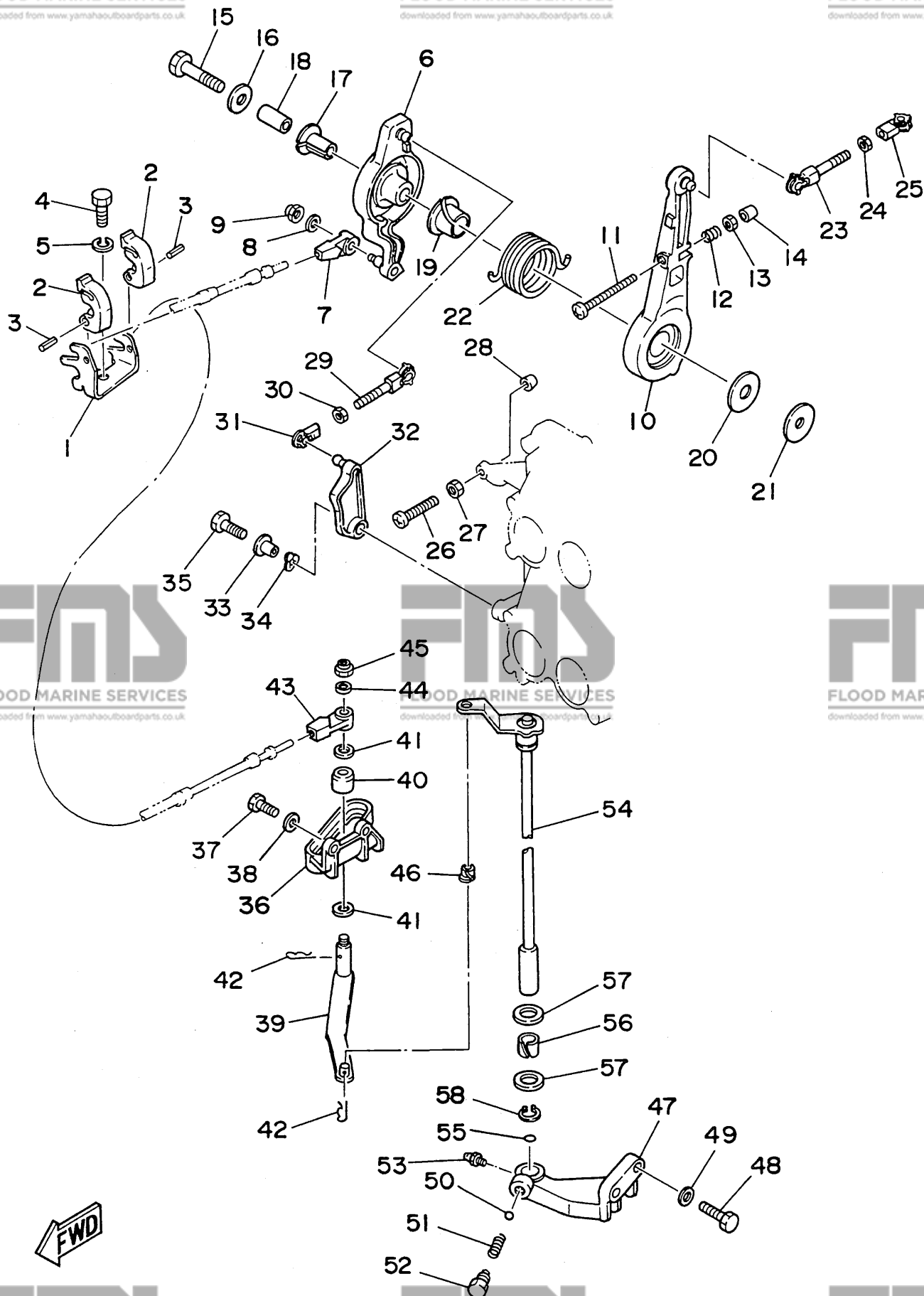
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G5-43800-05-1D	POWER TRIM & TILT ASSY	1	35	6E5-43867-00	..O-RING	1
2	6G5-43880-02	..MOTOR ASSY	1	36	6G5-43894-00	..SPRING, shuttle return	2
3	6G5-43805-01	..ARMATURE ASSY	1	37	6E5-43868-00	..O-RING	1
4	6G5-43804-00	..STATOR ASSY	1	38	6G5-43841-00	..PISTON, shuttle	1
5	6G5-43865-00	..O-RING	2	39	6E5-43869-00	..O-RING	2
6	6G5-43887-00	..BOLT, through	2	40	6G5-43835-00	..PIPE	1
7	6G5-43806-00	..BRUSH HOLDER ASSY	1	41	6G5-43833-00	..PIPE	1
8	6G5-43899-00	..PLATE STOPPER	1	42	6G5-43809-01	..SEAT VALVE COMP. 2	1
9	6G5-43886-00	..BOLT	2	43	6E5-43896-00	..O-RING	1
10	6G5-43884-00	..FRAME, commutator end	1	44	6G5-43816-00	..FILTER 1	1
11	6G5-43893-00	..WASHER	2	45	6G5-43808-02	..SEAT VALVE COMP. 1	1
12	6G5-43889-10	..PLATE SEAT	2	46	6E5-43883-00	..O-RING	1
13	6G5-43867-00	..O-RING	2	47	6G5-43803-00	..CASE VALVE COMP.	1
14	6G5-43885-00	..GROMMET	1	48	6E5-43875-00	..RING, snap	1
15	6G5-4380E-01	..TILT CYLINDER ASSY	1	49	93210-18M75	..O-RING	1
16	6G5-43810-00	..PISTON SUB ASSY	1	50	6G5-43845-00	..SCREW, manual release	1
17	6E5-43861-00	...O-RING	1	51	93210-10M74	..O-RING	1
18	6G5-43862-00	...O-RING	2	52	6E5-4382A-00	..ADAPTOR 1	1
19	6E5-43872-00	...RING, back up	2	53	6E5-43854-01	..SPRING, manual release	1
20	6E5-43814-02	..PISTON, free	1	54	6E5-43847-00	..SEAT, manual valve	2
21	6G5-43828-00	..BODY, reservoir	1	55	6G5-43849-00	..PIN, valve support	1
22	6E5-43829-00	..PLUG, reservoir	1	56	6G5-4381A-00	..SHAFT	1
23	6E5-43863-00	..O-RING	1	57	6G5-43842-00	..SCREW, valve seat	1
24	6G5-43818-00	..PIN, lower shock mount	1	58	6G5-43866-00	..O-RING	1
25	90386-18M14	..BUSH	2	59	6E5-43824-01	..SPRING, compression	1
26	90119-06M42	..BOLT, with washer	6	60	6G5-43830-01	..GEAR PUMP ASSY	1
27	6G5-43874-00	..RING, back up	2	61	6G5-43863-00	..O-RING	2
28	6G5-43864-00	..O-RING	2	62	6G5-43831-01	..CONNECTOR, shaft	1
29	6G5-43821-01	..SCREW, trim cylinder end	2	63	6G5-43817-00	..FILTER 2	1
30	6E5-43865-00	..O-RING	2	64	6G5-43878-01	..BOLT, socket	2
31	6E5-43822-01	..SEAL, trim dust	2	65	90201-05M00	..WASHER, plate	3
32	6G5-43861-00	..O-RING	2	66	6G5-43888-01	..BOLT, socket	1
33	6G5-43802-01	..VALVE SUB ASSY	2	67	6G5-43878-10	..BOLT, socket	1
34	6E5-43866-00	..O-RING	1	68	6G5-43820-01	..PISTON SUB ASSY	2

Fig. 13 CONTROL

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Fig. 13 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-48531-00	BRACKET, remote control 1	1	30	95380-05600	NUT	1
2	6E5-48538-00	CLAMP, cable 1	2	31	6H1-41237-00	JOINT, link	1
3	91690-30012	PIN, spring	2	32	6E5-41213-00	CAM, accel.	1
4	97395-08020	BOLT	1	33	90387-06M29	COLLAR	1
5	92990-08100	WASHER, spring	1	34	90206-10M04	WASHER, wave	1
6	6E5-41632-02-94	LEVER, magneto control	1	35	97395-06025	BOLT	1
7	6E5-48344-00	CABLE END, remote control	1	36	6E5-44117-00-94	BRACKET	1
8	92990-06200	WASHER, plain	1	37	97313-06020	BOLT	2
9	90185-06M07	NUT, self-locking	1	38	92990-06600	WASHER, plate	2
10	6E5-41631-01-94	LEVER, magneto control	1	39	6E5-44121-00	LEVER, shift rod	1
11	90157-06013	SCREW, pan head	1	40	6E5-44122-00	BUSHING, shift rod lever	1
12	90501-16M12	SPRING, compression	1	41	90202-08M20	WASHER, plate	2
13	95380-06600	NUT	1	42	90468-18008	CLIP	2
14	688-44194-00	CAP	1	43	6E5-48344-00	CABLE END, remote control	1
15	97313-08045	BOLT	1	44	92990-06200	WASHER, plain	1
16	90201-08M54	WASHER, plate	1	45	90185-06M07	NUT, self-locking	1
17	90386-12089	BUSH	1	46	90386-06M12	BUSH	1
18	90387-08M16	COLLAR	1	47	6E5-44118-01-94	BRACKET	1
19	90386-22M13	BUSH	1	48	97313-08030	BOLT	2
20	90202-12092	WASHER, plate	1	49	92990-08600	WASHER, plate	2
21	90201-08M13	WASHER, plate	1	50	93501-04M02	BALL	1
22	90508-29M12	SPRING, torsion	1	51	90501-12082	SPRING, compression	1
23	6E5-41636-01	ROD, magneto control	1	52	648-42715-00	BUSHING	1
24	95380-05600	NUT	1	53	93700-06M03	NIPPLE, grease	1
25	6H1-41237-00	JOINT, link	1	54	6E5-44120-02	HANDLE GEAR SHIFT ASSY	1
26	90157-06013	SCREW, pan head	1	55	93210-09350	O-RING	1
27	95380-06600	NUT	1	56	90386-16M66	BUSH	1
28	688-44194-00	CAP	1	57	90202-16061	WASHER, plate	2
29	688-41636-00	ROD, magneto control	1	58	99009-16400	CIRCLIP	1

Fig. 14 UPPER CASING

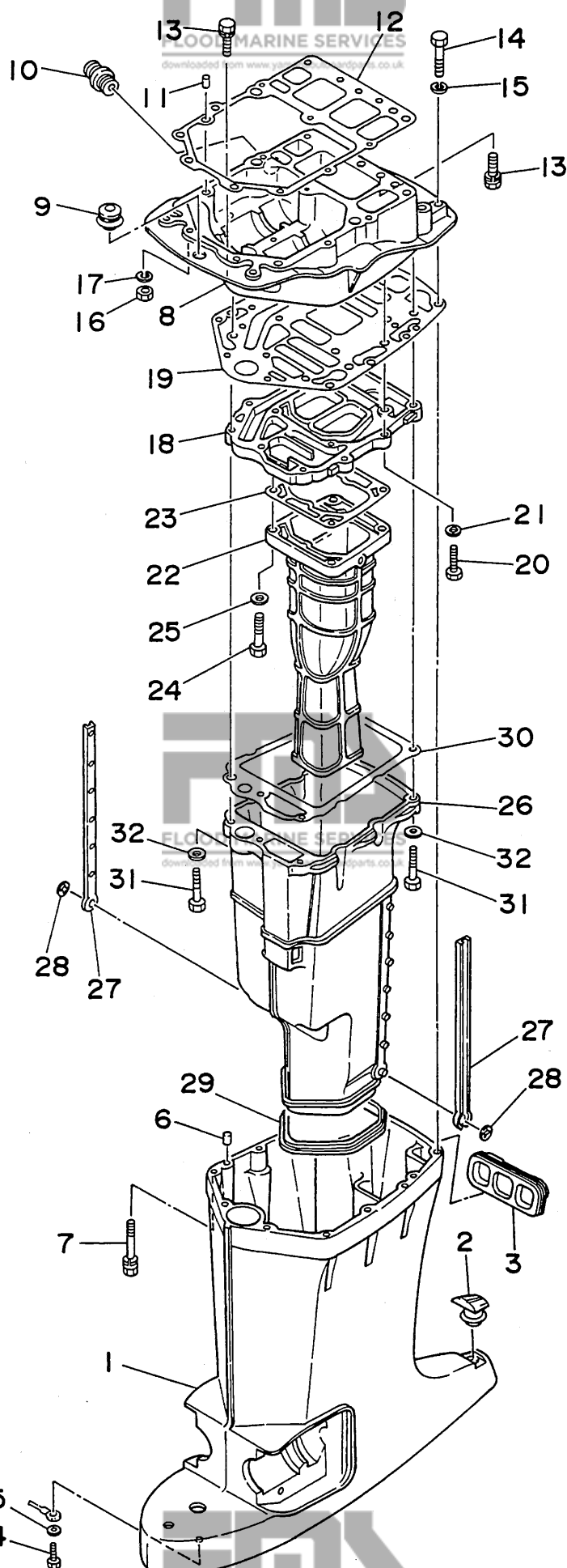


Fig. 14 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-45111-00-1D	CASING, upper	1	17	92990-08100	WASHER, spring	2
2	6E5-45155-00	CAP	1	18	6G5-41131-00-5B	MANIFOLD, ext. 1	1
3	6E5-42769-00	SEAL, rubber	1	19	6G5-45114-A0	GASKET, upper casing	1
4	97395-06010	BOLT	1	20	97395-08030	BOLT	4
5	92990-06600	WASHER, plate	1	21	92990-08600	WASHER, plate	4
6	93608-12M05	PIN, dowel	2	22	6E5-41132-10-5B	MANIFOLD, exhaust	1
7	90119-08M78	BOLT, with washer	6	23	6E5-41134-A0	GASKET, exhaust manifold	1
8	6G5-41137-00-94	GUIDE, exhaust	1	24	97395-08045	BOLT	4
9	6E5-42724-00	GROMMET	1	25	92990-08600	WASHER, plate	4
10	6G5-12581-00	JOINT, hose 1	1	26	6E5-14711-00-5B	MUFFLER 1	1
11	93608-12M05	PIN, dowel	2	27	6E5-14737-00	DAMPER, muffler	2
12	6G5-45113-A0	GASKET, upper casing	1	28	90183-05M02	NUT, spring	2
13	90119-08M79	BOLT, with washer	6	29	6E5-45123-00	GASKET, muffler	1
14	97395-08045	BOLT	2	30	6E5-41135-A0	GASKET, exhaust manifold	1
15	92990-08100	WASHER, spring	2	31	97395-08045	BOLT	5
16	95380-08700	NUT	2	32	92990-08600	WASHER, plate	5

Fig. 15 LOWER CASING. DRIVE I

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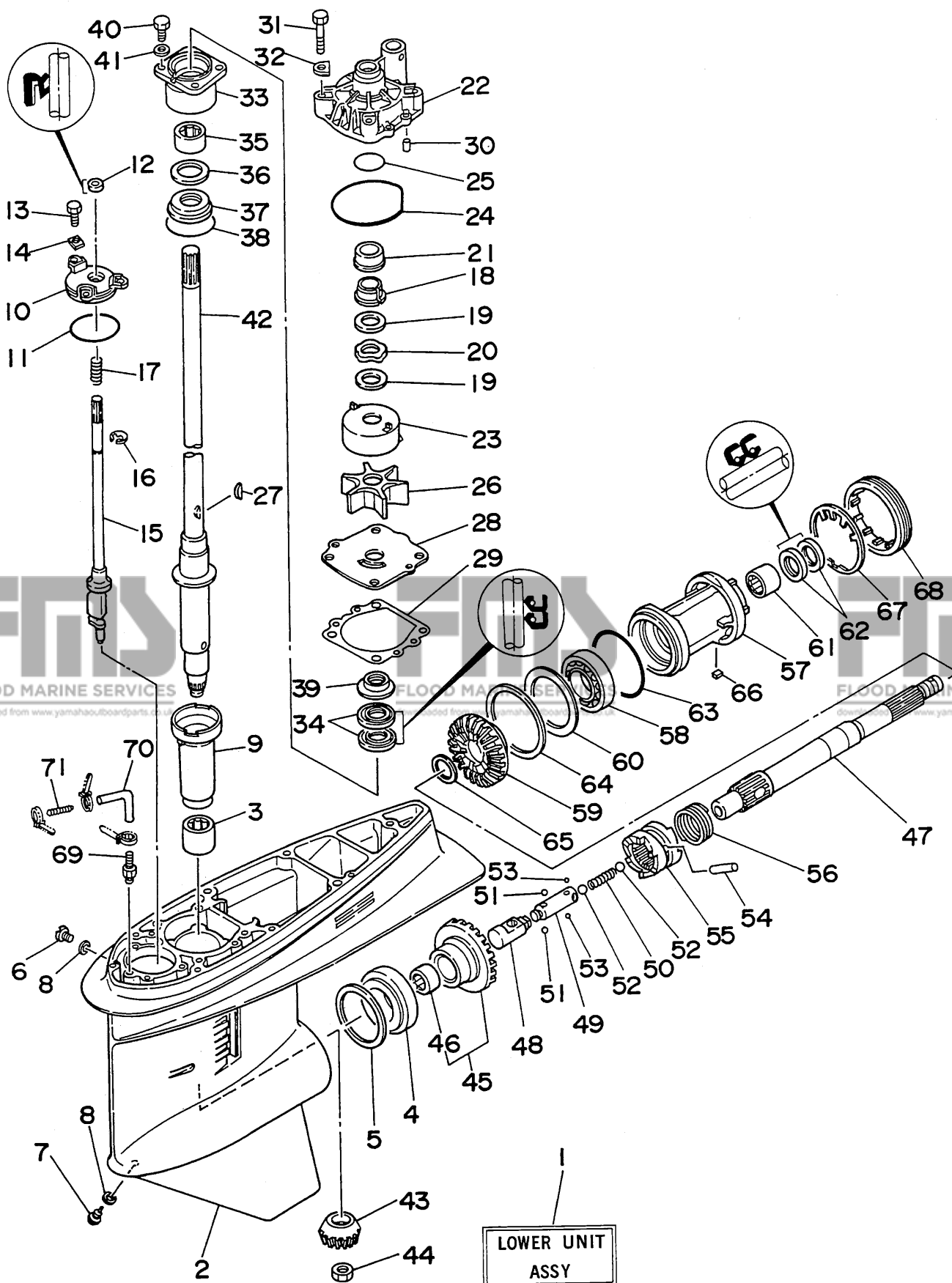


Fig. 15 LOWER CASING. DRIVE 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-45300-14-1D	LOWER UNIT ASSY (Ref.No. 2 to 71)	1	36	6E5-45587-01-18	SHIM (T:0.18MM)	1 UR
2	6E5-45301-02-1D	CASING, lower	1		6E5-45587-01-30	SHIM (T:0.30MM)	1 UR
3	93315-628U9	BEARING, cylindrical	1		6E5-45587-01-40	SHIM (T:0.40MM)	1 UR
4	93332-000U7	BEARING	1		6E5-45587-01-50	SHIM (T:0.50MM)	1 UR
5	6E5-45567-01-10	SHIM (T:0.10MM)	1 UR	37	93341-930U0	BEARING	1
	6E5-45567-01-12	SHIM (T:0.12MM)	1 UR	38	93210-54534	O-RING	1
	6E5-45567-01-15	SHIM (T:0.15MM)	1 UR	39	6E5-45344-00	COVER, oil seal	1
	6E5-45567-01-18	SHIM (T:0.18MM)	1 UR	40	97395-08025	BOLT	4
	6E5-45567-01-30	SHIM (T:0.30MM)	1 UR	41	92990-08600	WASHER, plate	4
	6E5-45567-01-40	SHIM (T:0.40MM)	1 UR	42	6E5-45501-01	DRIVE SHAFT COMP.	1
	6E5-45567-01-50	SHIM (T:0.50MM)	1 UR	43	6E5-45551-02	PINION	1
6	90340-08M04	PLUG, straight screw	1	44	90170-16M01	NUT	1
7	688-45341-00	PLUG, drain	1	45	6E5-45560-01	GEAR	1
8	90430-08020	GASKET	2	46	93315-425U7	BEARING, cylindrical	1
9	6E5-45536-00	SLEEVE, drive shaft	1	47	6E5-45611-01	SHAFT, propeller	1
10	6E5-45321-00	PLATE	1	48	6E5-45641-01	SHIFTER	1
11	93210-58677	O-RING	1	49	6E5-45634-01	SLIDE, shift	1
12	93106-09014	OIL SEAL	1	50	90501-16M37	SPRING, compression	1
13	97395-06020	BOLT	3	51	93507-32031	BALL	2
14	90209-06M04	WASHER	3	52	93511-32027	BALL	2
15	6E5-44150-01	SHIFT CAM ASSY	1	53	93503-16010	BALL	2
16	99001-08600	CIRCLIP	1	54	90250-08M07	PIN, straight	1
17	90501-11M10	SPRING, compression	1	55	6E5-45631-01	CLUTCH, dog	1
18	61A-45538-00	SPACER 1	1	56	6E5-45633-01	RING, cross pin	1
19	90201-22M01	WASHER, plate	2	57	6E5-45332-00-94	HOUSING, bearing	1
20	90206-22M19	WASHER, wave	1	58	93306-208U0	BEARING	1
21	61A-45527-00	COLLAR, drive shaft	1	59	6E5-45571-01	GEAR	1
22	61A-44311-00	HOUSING, water pump	1	60	6E5-45576-00	WASHER, thrust	1
23	61A-44322-00	INSERT, cartridge	1	61	93315-430U8	BEARING, cylindrical	1
24	93210-86M38	O-RING	1	62	93101-30M17	OIL SEAL	2
25	93210-37M67	O-RING	1	63	93210-86M39	O-RING	1
26	6E5-44352-00	IMPELLER	1	64	6L6-45577-00-10	SHIM (T:0.10MM)	1 UR
27	90280-04M05	KEY, woodruff	1		6L6-45577-00-12	SHIM (T:0.12MM)	1 UR
28	6E5-44323-00	OUTER PLATE, cartridge	1		6L6-45577-00-15	SHIM (T:0.15MM)	1 UR
29	6E5-44315-A0	GASKET, water pump	1		6L6-45577-00-18	SHIM (T:0.18MM)	1 UR
30	93606-12019	PIN, dowel	2		6L6-45577-00-30	SHIM (T:0.30MM)	1 UR
31	97395-08045	BOLT	4		6L6-45577-00-40	SHIM (T:0.40MM)	1 UR
32	90209-08M02	WASHER	4		6L6-45577-00-50	SHIM (T:0.50MM)	1 UR
33	6E5-45331-00-94	HOUSING, bearing	1	65	90201-30M92	WASHER, plate	1
34	93101-28M16	OIL SEAL	2	66	90282-04010	KEY, straight	1
35	93317-330U2	BEARING, cylindrical	1	67	688-45383-02	WASHER, claw	1
36	6E5-45587-01-10	SHIM (T:0.10MM)	1 UR	68	688-45384-00	NUT	1
	6E5-45587-01-12	SHIM (T:0.12MM)	1 UR	69	6E5-45378-00	NIPPLE, hose	1
	6E5-45587-01-15	SHIM (T:0.15MM)	1 UR	70	90445-07ME8	HOSE	1
				71	6E5-83558-10	END, nipple	1

Fig. 16 LOWER CASING. DRIVE 2

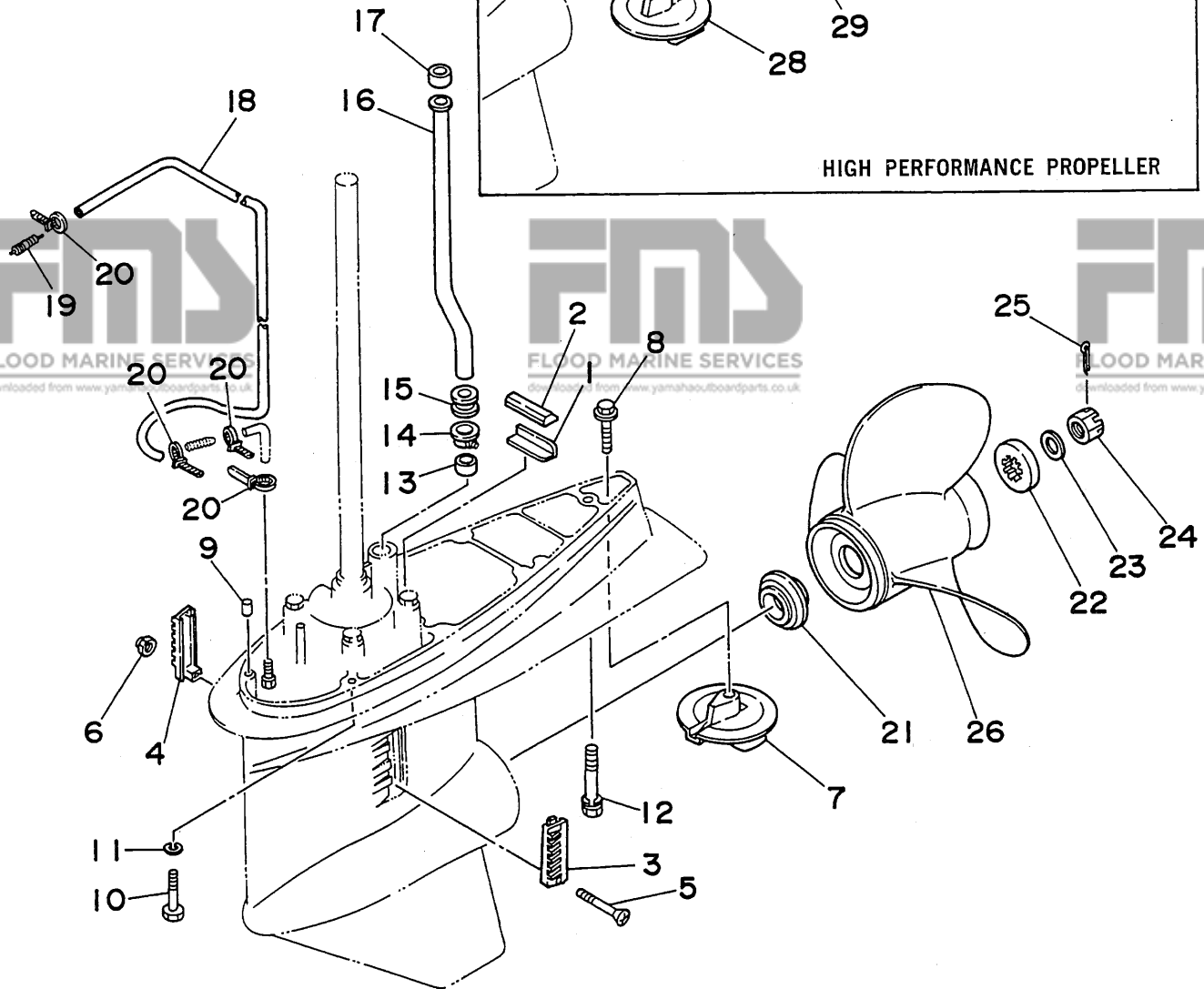
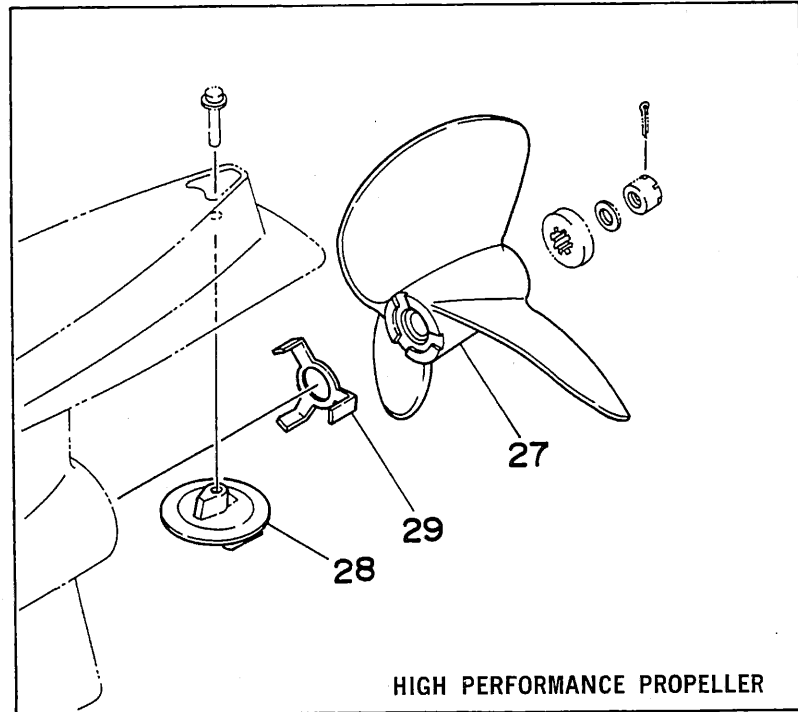


Fig. 16 LOWER CASING. DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
*1	663-45376-00-94	GUIDE, seal damper	1	26	6E5-45941-00-EL	PROPELLER (3X13"X19"-K)	1 UR
*2	688-45375-00	DAMPER, seal	1		6E5-45943-00-EL	PROPELLER (3X12-5/8"X21"-K)	1 UR
3	688-45214-02	COVER, water inlet	1		6E5-45945-01-EL	PROPELLER (3X13-1/4"X17"-K)	1 UR
4	688-45215-02	COVER, water inlet	1		6E5-45947-00-EL	PROPELLER (3X13-1/2"X15"-K)	1 UR
5	90142-05M03	SCREW, countersunk	1		6E5-45949-00-EL	PROPELLER (3X13-5/8"X13"-K)	1 UR
6	90185-05002	NUT, self-locking	1		6E5-45952-00-EL	PROPELLER (3X13"X23"-K)	1 UR
7	6E5-45371-01	TAB-TRIM	1		6E5-45954-00-EL	PROPELLER (3X14"X11"-K)	1 UR
8	90105-10M00	BOLT, washer based	1		6E5-45956-00-EL	PROPELLER (3X13"X25"-K)	1 UR
9	93608-12M05	PIN, dowel	2			STAINLESS STEEL PROPELLER	
10	97395-10045	BOLT	6		688-45970-03-98	PROPELLER (3X13"X19"-K)	1 UR
11	92990-10100	WASHER, spring	6		688-45972-02-98	PROPELLER (3X13"X21"-K)	1 UR
12	90119-10M89	BOLT, with washer	1		688-45974-02-98	PROPELLER (3X13"X23"-K)	1 UR
*13	6E5-44365-00	DAMPER, water seal	1		688-45976-01-98	PROPELLER (3X13"X25"-K)	1 UR
*14	6E5-44312-00	COVER, water pump housing	1		688-45978-60-98	PROPELLER (3X13-1/2"X16"-K)	1 UR
15	6E5-44366-00	DAMPER, water seal	1		688-45930-01-98	PROPELLER (3X13"X17"-K)	1 UR
16	6E5-44361-00	TUBE, water	1		688-45932-60-98	PROPELLER (3X13-1/2"X14"-K)	1 UR
17	6E5-44365-00	DAMPER, water seal	1			HIGH PERFORMANCE PROPELLER	
18	90445-07MFO	HOSE	1	27	6E5-45970-10	PROPELLER (3X14"X20"-P)	1 UR
19	6E5-83558-00	END, nipple	1		6E5-45972-10	PROPELLER (3X14"X24"-P)	1 UR
20	90465-11M10	CLAMP	4		6E5-45974-10	PROPELLER (3X14"X28"-P)	1 UR
21	6E5-45987-00	SPACER	1		6E5-45976-10	PROPELLER (3X14"X22"-P)	1 UR
22	688-45997-01	SPACER	1		6E5-45978-10	PROPELLER (3X14"X26"-P)	1 UR
23	92990-18200	WASHER	1	28	6E5-45371-10	TAB-TRIM	1
24	90171-18M04	NUT, castle	1	29	6E5-45994-10	PLATE, tooth	1
25	91490-40030	PIN, cotter	1				

* Contents of lower unit assy. (Parts No. 6E5-45300-14-1D)

Fig. 17 MAGNETO

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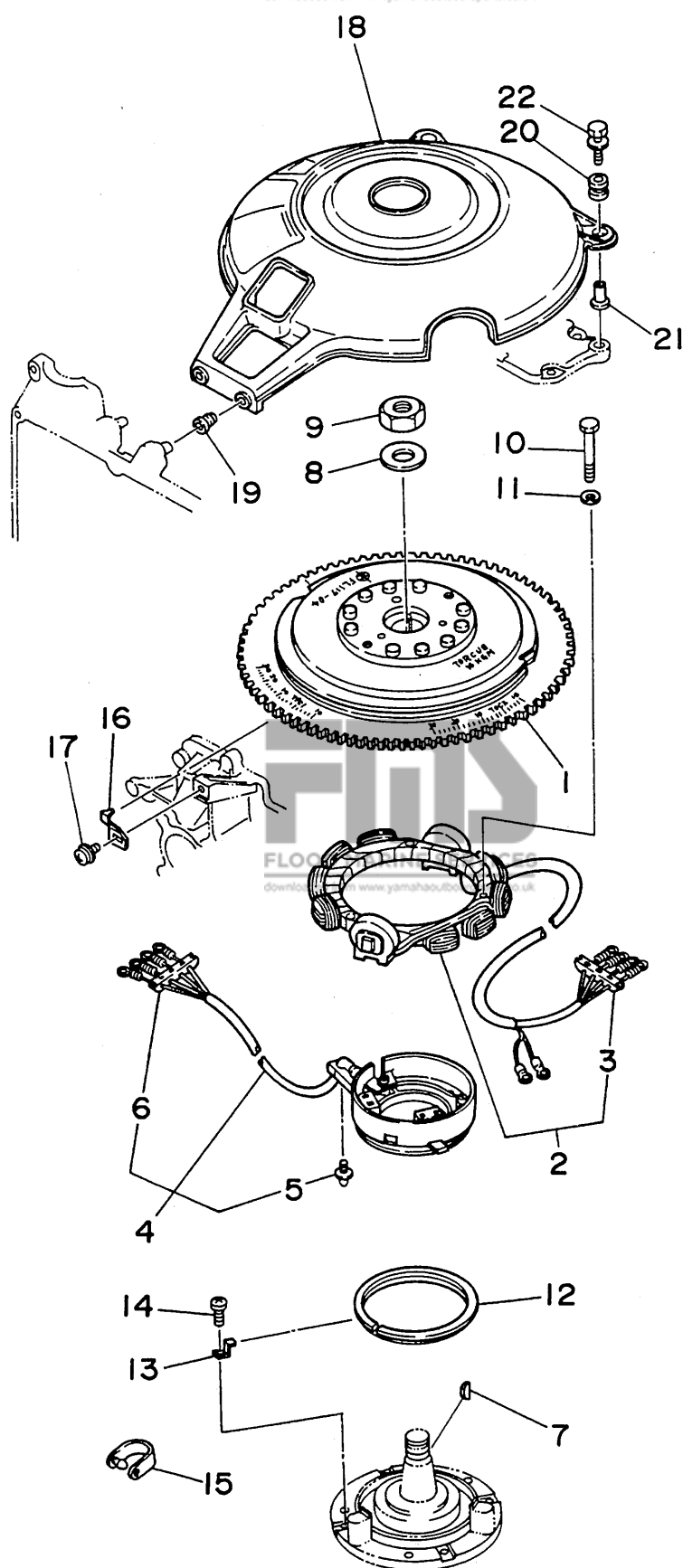
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Fig. 17 MAGNETO

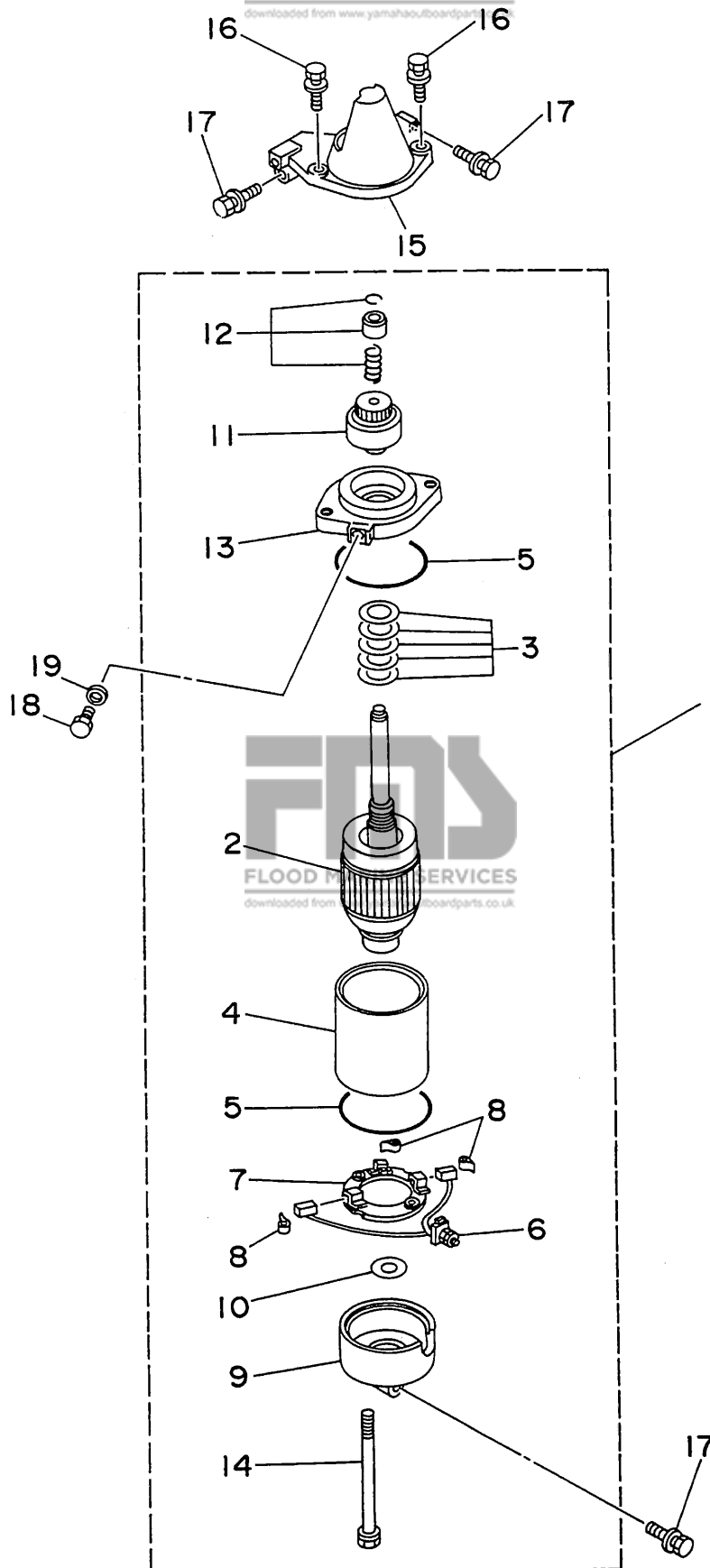
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-85550-12	ROTOR ASSY	1	12	688-41611-00	RETAINER, magneto base	1
2	6E5-85510-10	STATOR ASSY	1	13	688-41612-00	RETAINER, magneto base	4
3	90480-06M16	.GROMMET	1	14	98503-06018	SCREW, pan head	4
4	6E5-85580-12	COIL, pulser	1	15	90464-12M00	CLAMP	1
5	663-85518-00	.JOINT, ball	1	16	6E5-81332-00	PLATE, timing	1
6	90480-06M16	.GROMMET	1	17	97985-06210	SCREW, with washer	1
7	90280-05049	KEY, woodruff	1	18	6E5-81337-00	COVER, flywheel	1
8	90201-21M18	WASHER, plate	1	19	6G5-82317-00	DAMPER, ignition coil	2
9	90170-20137	NUT	1	20	6A0-82317-00	DAMPER, ignition coil	2
10	97313-06055	BOLT	3	21	624-42542-00	PIPE	2
11	92990-06600	WASHER, plate	3	22	90119-06M59	BOLT, with washer	2

Fig. 18 STARTING MOTOR

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Fig. 18 STARTING MOTOR

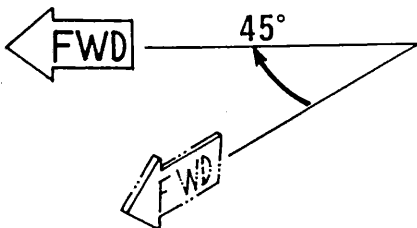
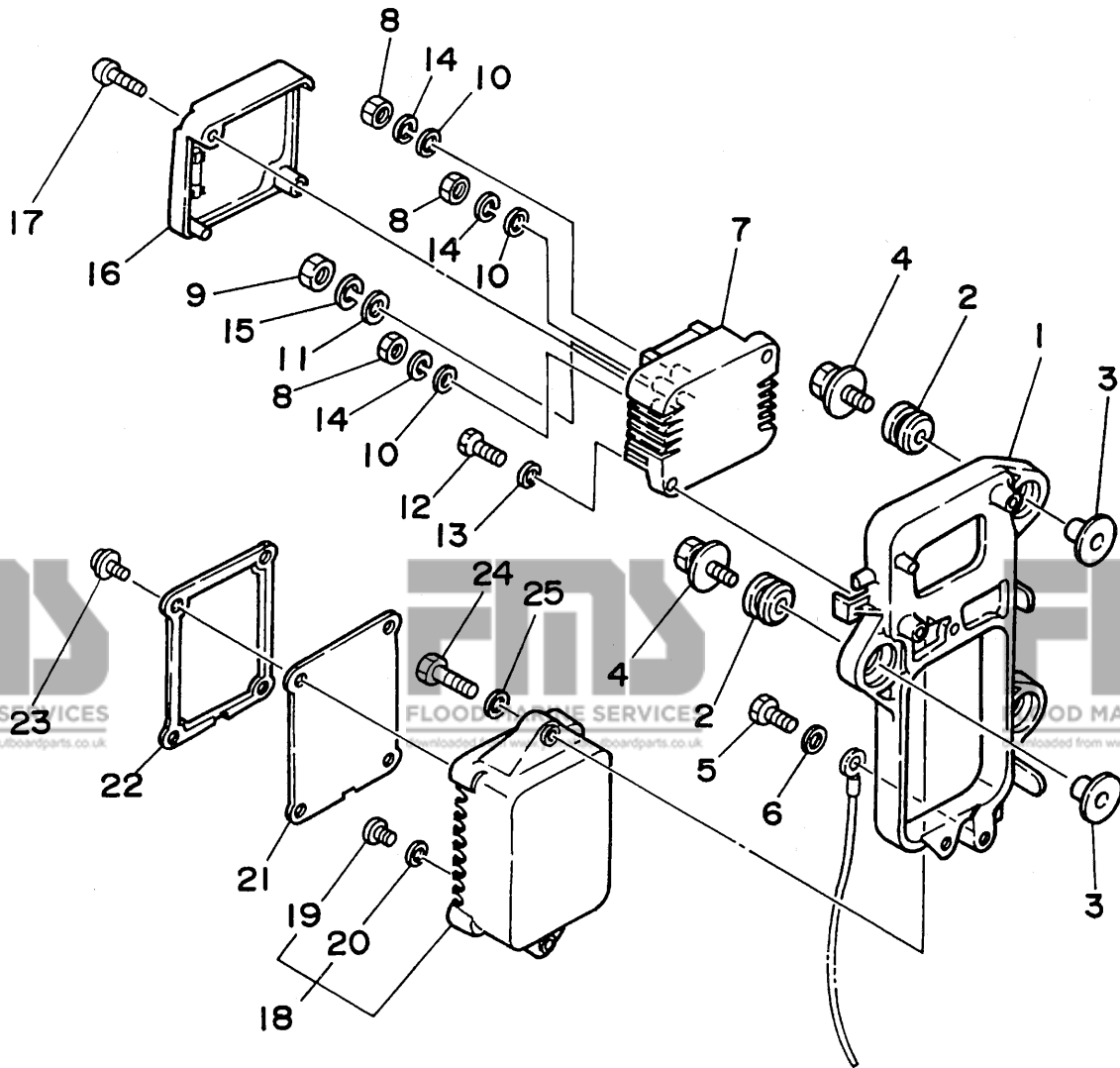
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-81800-12	STARTING MOTOR ASSY	1	11	6E5-81807-11	.GEAR ASSY, starting motor	1
2	6E5-81850-11	.ARMATURE ASSY	1	12	61H-81857-00	.RETAINER	1
3	6E5-81809-10	.WASHER KIT	1	13	6E5-81830-10	.FRONT BRACKET ASSY	1
4	6E5-81810-10	.STATOR ASSY	1	14	6E5-81826-10	.BOLT	2
5	6E5-81847-10	.O-RING	2	15	6E5-81822-02-98	BRACKET, starting motor	1
6	6E5-81801-10	.BRUSH SET	1	16	90119-08M76	BOLT, with washer	2
7	6E5-81840-10	.BRUSH HOLDER ASSY	1	17	90119-08M77	BOLT, with washer	3
8	6E5-81813-10	.SPRING, brush	3	18	97395-08016	BOLT	1
9	6E5-81820-11	.REAR BRACKET ASSY	1	19	92990-08600	WASHER, plate	1
10	6E5-81824-00	.WASHER 2	1				

Fig. 19 ELECTRICAL I

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Fig. 19 ELECTRICAL 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-85542-00-94	BRACKET	1	14	92990-05100	WASHER, spring	3
2	90480-09M12	GROMMET	3	15	92995-06100	WASHER, spring	1
3	90387-06M03	COLLAR	3	16	688-81961-01	COVER	1
4	90119-06M60	BOLT, with washer	3	17	97985-05225	SCREW, with washer	2
5	97395-06016	BOLT	1	18	6E5-85540-12	C.D.I. UNIT ASSY	1
6	92990-06600	WASHER, plate	1	19	98580-04008	.SCREW, pan head	16
7	6G5-81960-A0	RECTIFIER & REGULATOR ASSY	1	20	92990-04200	.WASHER, plain	16
8	95380-05600	NUT	3	21	6E5-85547-10	DAMPER	1
9	95380-06600	NUT	1	22	6E5-85537-10	COVER	1
10	92990-05200	WASHER, plain	3	23	97985-05210	SCREW, with washer	4
11	92990-06200	WASHER, plain	1	24	97395-06025	BOLT	2
12	97313-06020	BOLT	2	25	92990-06600	WASHER, plate	2
13	92990-06600	WASHER, plate	2				

Fig. 20 ELECTRICAL 2

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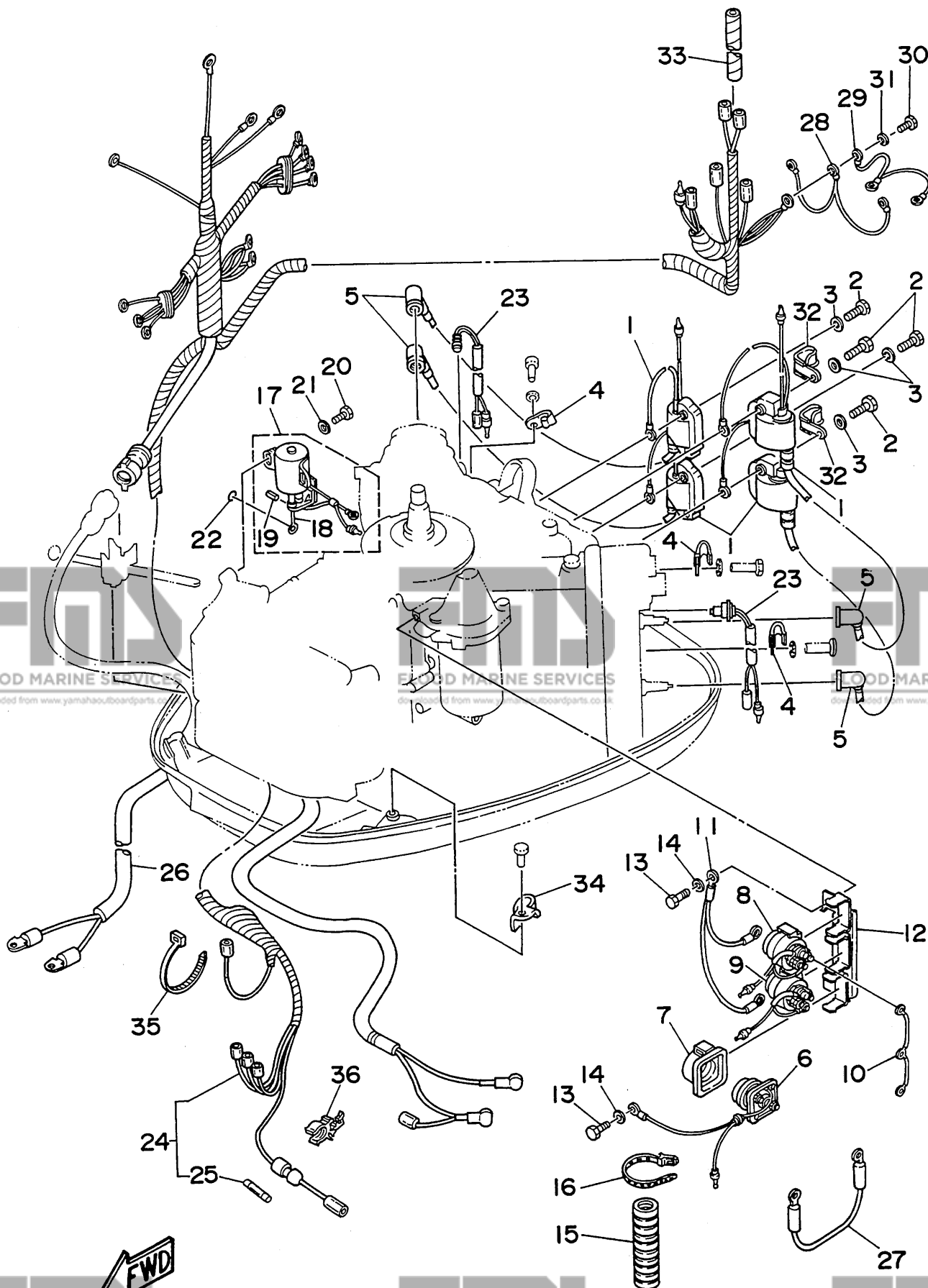
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Fig. 20 ELECTRICAL 2

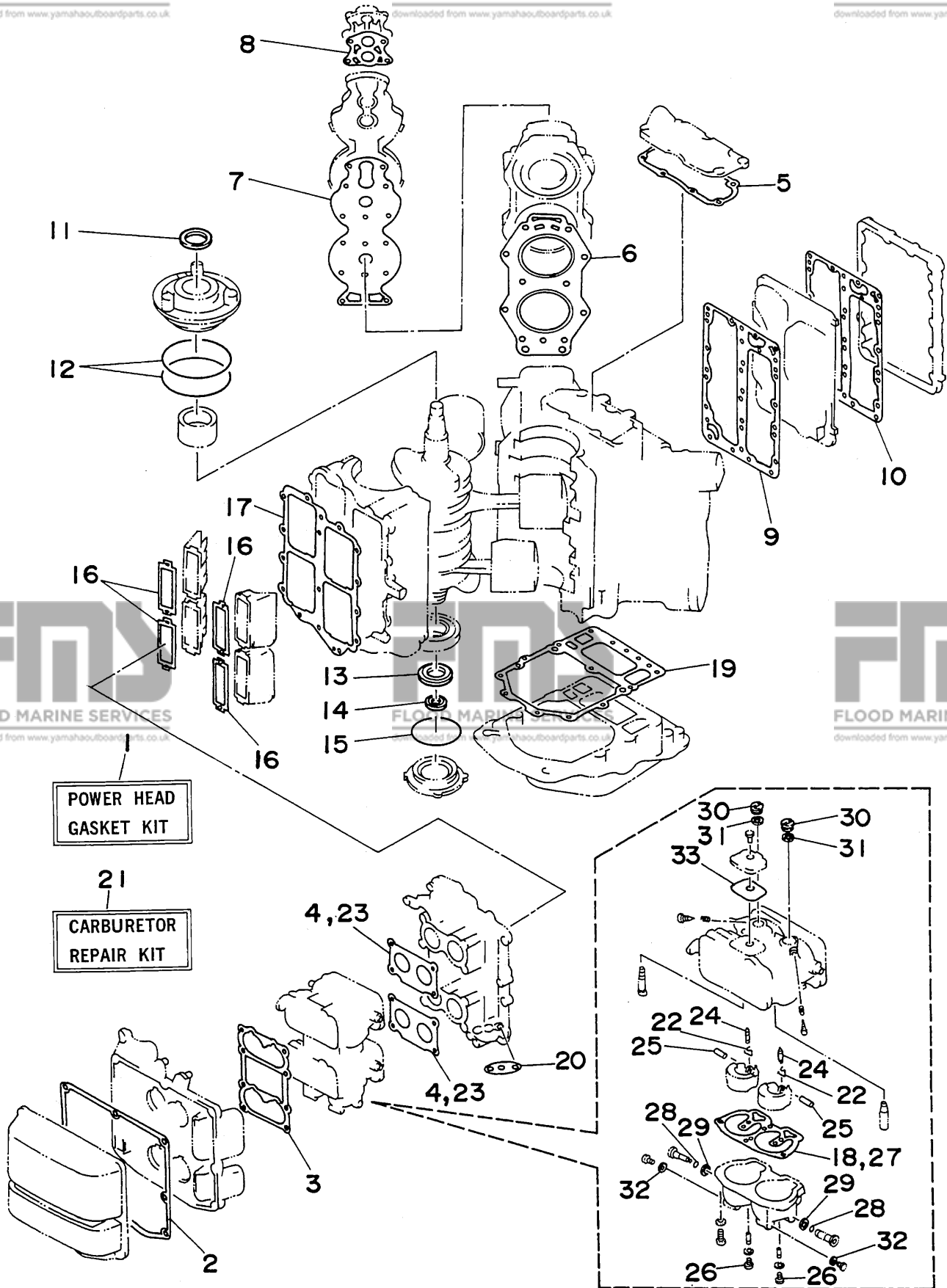
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-85570-11	IGNITION COIL ASSY	4	19	91609-30010	.PIN, spring	1
2	97395-06030	BOLT	8	20	97395-06016	BOLT	2
3	92990-06600	WASHER, plate	8	21	92990-06600	WASHER, plate	2
4	90465-08028	CLAMP	4	22	93210-03261	O-RING	1
5	6G1-82370-20	PLUG CAP ASSY	4	23	688-82560-10	THERMO SWITCH ASSY	2
6	6E5-81941-11	STARTER RELAY ASSY	1	24	6E5-82590-13	WIRE HARNESS ASSY	1
7	689-81952-10	HOLDER, relay	1	25	682-82151-00	.FUSE	1
8	6E5-81950-00	RELAY ASSY	1	26	6E5-82105-11	WIRE HARNESS	1
9	6E5-8195A-00	RELAY ASSY	1	27	6E5-82117-00	WIRE, lead	1
10	6G5-87149-10	CONNECTOR	1	28	6E5-82519-00	WIRE, earth lead	1
11	6E5-82116-00	WIRE, minus lead	1	29	6E5-82531-00	WIRE, lead	1
12	6E5-81948-21	BRACKET	1	30	97395-06012	BOLT	3
13	97395-06016	BOLT	2	31	92990-06600	WASHER, plate	3
14	92990-06600	WASHER, plate	2	32	90465-08M08	CLAMP	2
15	6N7-83557-00	TUBE	1	33	90446-10M01	HOSE	1
16	90465-13M36	CLAMP	1	34	90465-12M25	CLAMP	1
17	6E5-86110-02	SOLENOID	1	35	90465-13M36	CLAMP	1
18	6E5-86116-01	.WIRE, pull	1	36	6G5-82152-00	HOLDER, fuse	1

Fig. 21 REPAIR KIT I

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Fig. 21 REPAIR KIT 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6F3-W0001-04	POWER HEAD GASKET KIT	1	18	6E5-14384-03	.GASKET, float chamber	2
2	6E5-14416-A1	.GASKET, air cleaner	1	19	6G5-45113-A0	.GASKET, upper casing	1
3	6E5-14483-A1	.GASKET	1	20	650-24431-A0	.GASKET, fuel pump 1	1
4	6E5-14198-A1	.GASKET	2	21	6E5-W0093-06	CARBURETOR REPAIR KIT	1
5	6E5-11381-A1	.GASKET 1	1	22	6E5-14159-00	.CLIP	2
6	6E5-11181-A0	.GASKET, cylinder head 1	2	23	6E5-14198-A1	.GASKET	1
7	6E5-11193-A0	.GASKET, head cover 1	2	24	6E5-14546-00	.VALVE, needle	2
8	688-12414-A1	.GASKET, cover	2	25	6E5-14386-02	.PIN, float	2
9	6E5-41112-A1	.GASKET, exhaust inner cover	1	26	6E5-14394-02	.PLUG, slow jet	2
10	6E5-41114-A0	.GASKET, exhaust outer cover	1	27	6E5-14384-03	.GASKET, float chamber	1
11	93102-40M38	.OIL SEAL	1	28	6E5-14997-00	.O-RING	2
12	93211-04384	.O-RING	2	29	6E5-14398-01	.GASKET	2
13	93102-35M13	.OIL SEAL	1	30	6E5-14328-01	.PLUG	2
14	93101-22M15	.OIL SEAL	1	31	6E5-14979-00	.GASKET	2
15	93210-74M35	.O-RING	1	32	6J8-14995-00	.GASKET	2
16	6E5-13621-A1	.GASKET, valve seat	4	33	6E5-14959-01	.GASKET	1
17	6E5-13645-A1	.GASKET, manifold 1	1				

Fig. 22 REPAIR KIT 2

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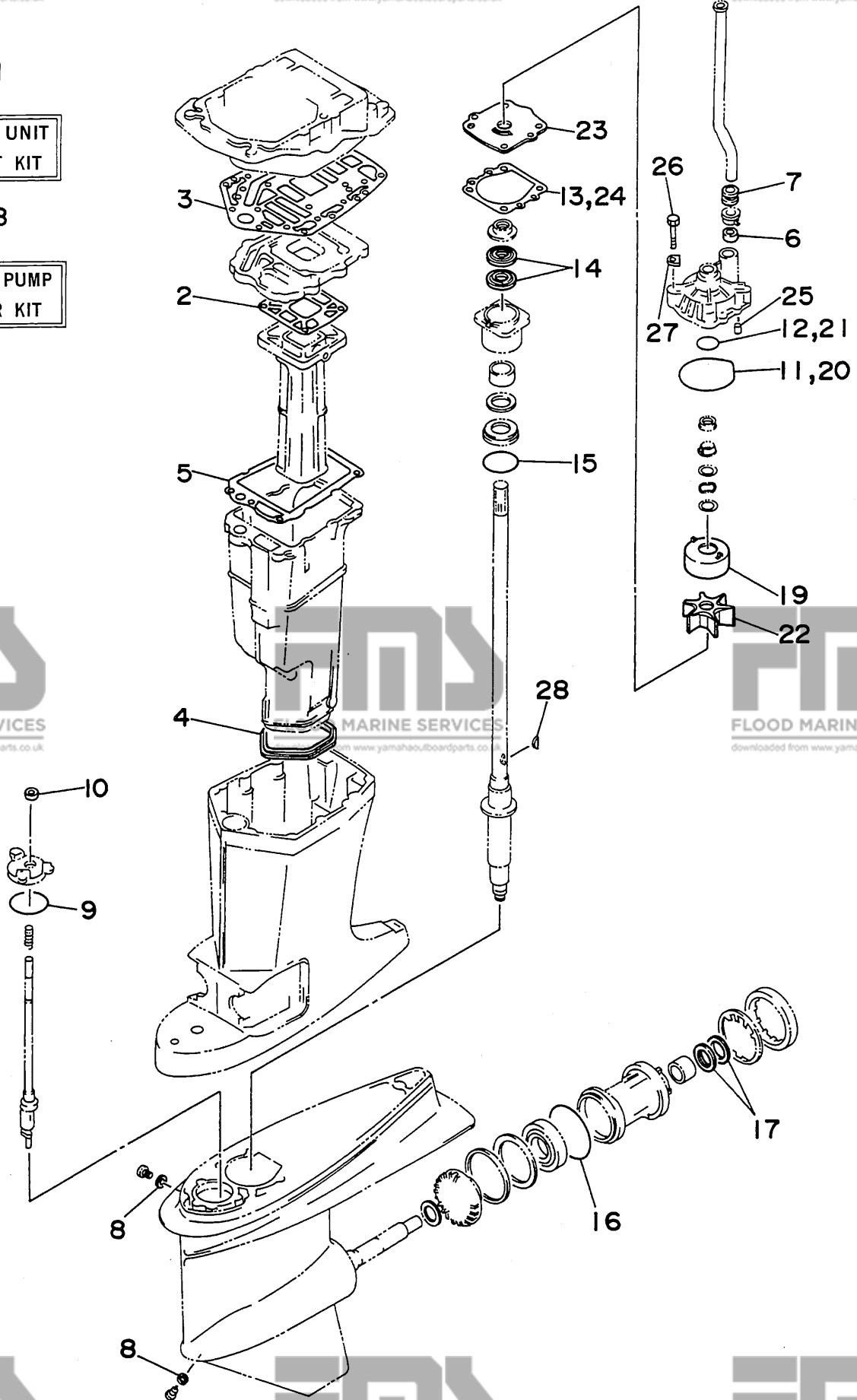
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GASKET KIT

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WATER PUMP
REPAIR KIT



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Fig. 22 REPAIR KIT 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-W0001-51	LOWER UNIT GASKET KIT	1	15	93210-54534	.O-RING	1
2	6E5-41134-A0	.GASKET, exhaust manifold	1	16	93210-86M39	.O-RING	1
3	6G5-45114-A0	.GASKET, upper casing	1	17	93101-30M17	.OIL SEAL	2
4	6E5-45123-00	.GASKET, muffler	1	18	6N6-W0078-00	WATER PUMP REPAIR KIT	1
5	6E5-41135-A0	.GASKET, exhaust manifold	1	19	61A-44322-00	.INSERT, cartridge	1
6	6E5-44365-00	.DAMPER, water seal	1	20	93210-86M38	.O-RING	1
7	6E5-44366-00	.DAMPER, water seal	1	21	93210-37M67	.O-RING	1
8	90430-08020	.GASKET	2	22	6E5-44352-00	.IMPELLER	1
9	93210-58677	.O-RING	1	23	6E5-44323-00	.OUTER PLATE, cartridge	1
10	93106-09014	.OIL SEAL	1	24	6E5-44315-A0	.GASKET, water pump	1
11	93210-86M38	.O-RING	1	25	93606-12019	.PIN, dowel	2
12	93210-37M67	.O-RING	1	26	97395-08045	.BOLT	4
13	6E5-44315-A0	.GASKET, water pump	1	27	90209-08M02	.WASHER	4
14	93101-28M16	.OIL SEAL	2	28	90280-04M05	.KEY, woodruff	1



ALTERNATE PARTS

A.P.



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Fig. 1 REMOTE CONTROL

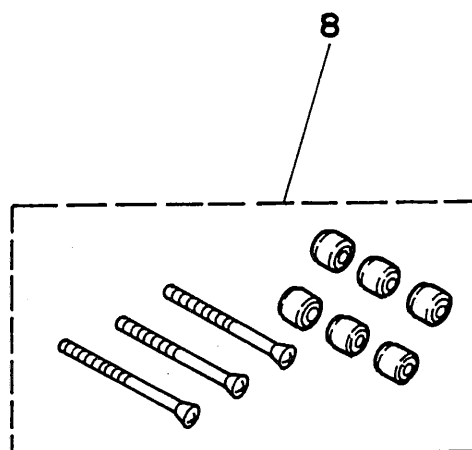
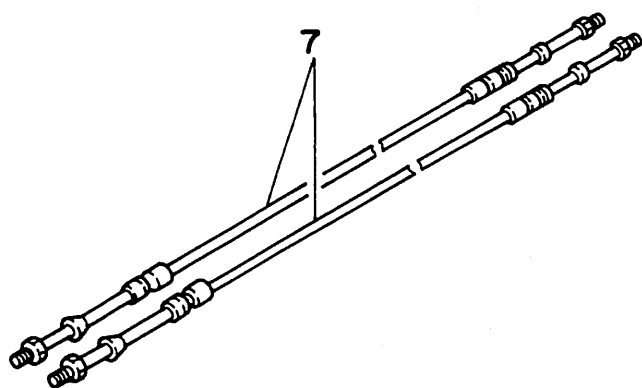
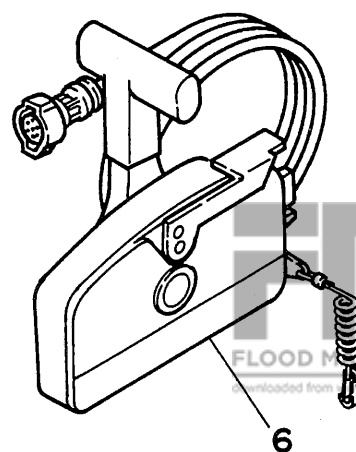
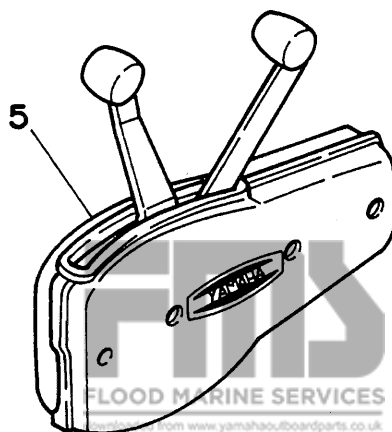
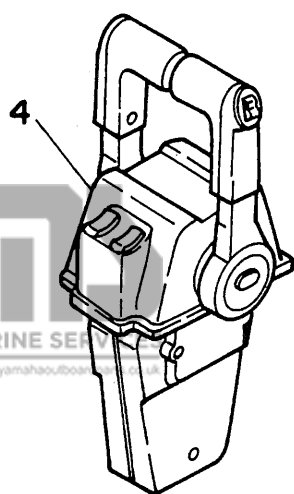
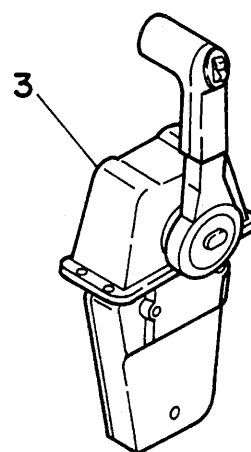
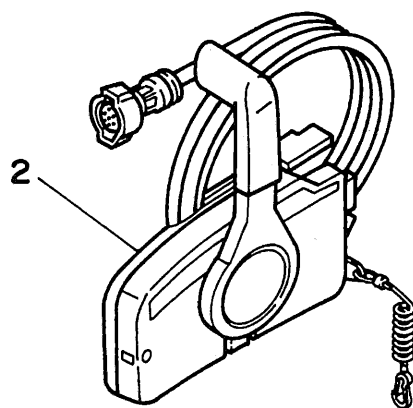
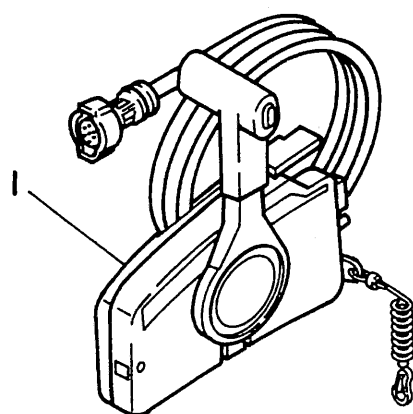


Fig. 1 REMOTE CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
* 1	703-48230-12	REMOTE CONTROL ASSY (7P) (Single)	1 UR	7	701-48310-60	CABLE, remote control (L:9F)	2 UR
*	703-48203-11	REMOTE CONTROL ASSY (7P) (Single)	1 UR		701-48310-80	CABLE, remote control (L:10F)	2 UR
*	703-48205-13	REMOTE CONTROL ASSY (10P) (Single)			701-48310-90	CABLE, remote control (L:11F)	2 UR
		(With Trim & Tilt Switch)	1 UR		701-48320-00	CABLE, remote control (L:12F)	2 UR
* 2	703-48220-12	REMOTE CONTROL ASSY (7P)			701-48320-20	CABLE, remote control (L:13F)	2 UR
		(Twin Lever)	1 UR		701-48320-30	CABLE, remote control (L:14F)	2 UR
*	703-48202-12	REMOTE CONTROL ASSY (7P)			701-48320-50	CABLE, remote control (L:15F)	2 UR
		(Twin Lever)	1 UR		701-48320-60	CABLE, remote control (L:16F)	2 UR
*	703-48208-12	REMOTE CONTROL ASSY (10P)			701-48320-80	CABLE, remote control (L:17F)	2 UR
		(Twin Lever)	1 UR		701-48320-90	CABLE, remote control (L:18F)	2 UR
* 3	704-48205-12	REMOTE CONTROL ASSY (Single)	1 UR		701-48320-40	CABLE, remote control (L:19F)	2 UR
* 4	704-48207-31	REMOTE CONTROL ASSY (Twin)	1 UR		701-48320-70	CABLE, remote control (L:20F)	2 UR
5	701-48120-32	REMOTE CONTROL ASSY (Left, W-handle)	1 UR		701-48350-00	CABLE, remote control (L:21F)	2 UR
6	703-48204-10	REMOTE CONTROL ASSY (7P, Left)	1 UR		701-48350-10	CABLE, remote control (L:22F)	2 UR
7	701-48310-10	CABLE, remote control (L:6F)	2 UR		701-48350-20	CABLE, remote control (L:23F)	2 UR
	701-48310-20	CABLE, remote control (L:7F)	2 UR	8	703-48290-01	TWIN ATTACHMENT	1
	701-48310-40	CABLE, remote control (L:8F)	2 UR				

*See Fig. 4,5,6, and 7 for detail service parts.

Fig. 2 STEERING GUIDE ATTACHMENT

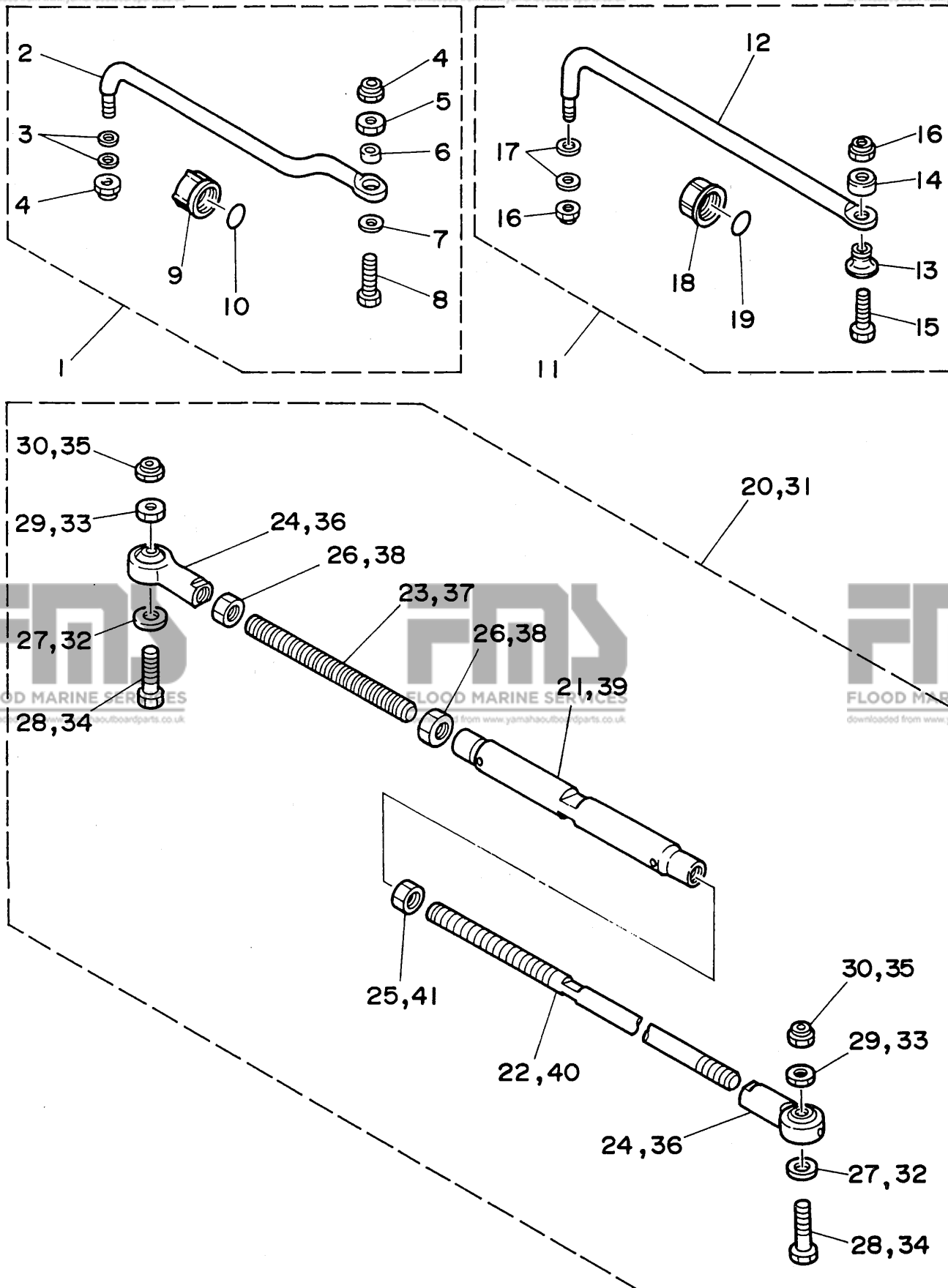


Fig. 2 STEERING GUIDE ATTACHMENT

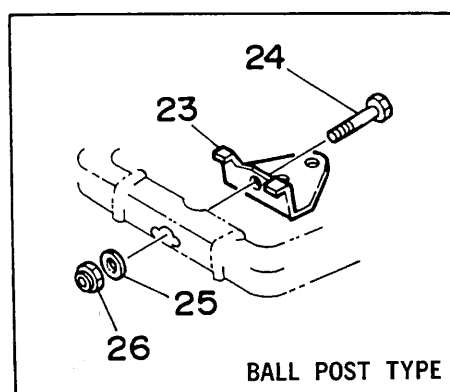
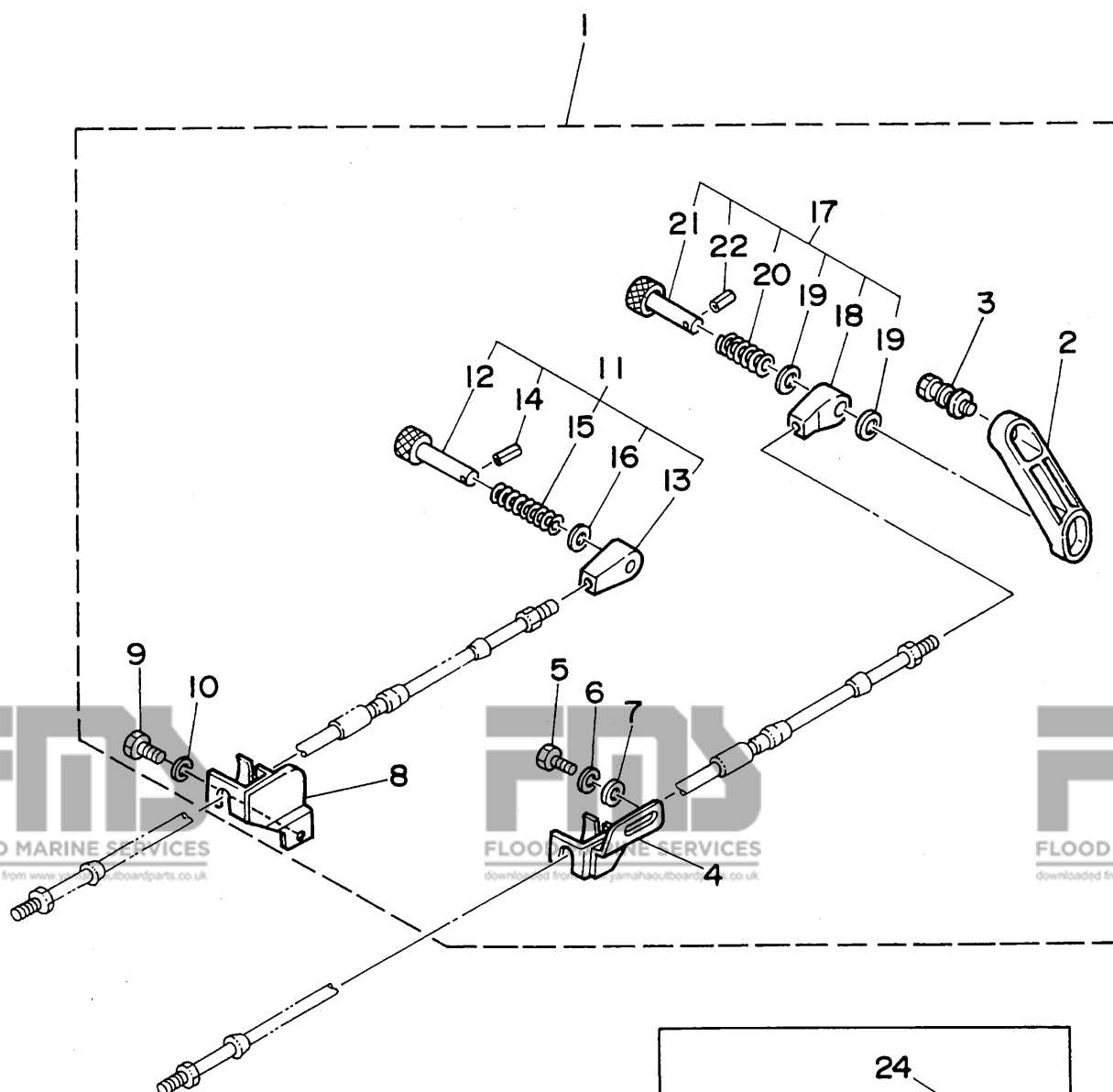
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-61350-10	STEERING GUIDE ATTACHMENT KIT	1 UR	22	6E5-61311-11	.TIE BAR	1
2	688-61351-10	.ROD, steering link	1	23	6E5-61315-00	.TIE BAR	1
3	90901-10M20	.WASHER, plate	2	24	6E5-61303-00	.STEERING EYE COMP.	2
4	90185-09M01	.NUT, self-locking	2	25	90170-14M06	.NUT	1
5	90170-09M03	.NUT	1	26	95380-14700	.NUT	2
6	90387-10M42	.COLLAR	1	27	90201-10M76	.WASHER, plate	2
7	90201-10M63	.WASHER, plate	1	28	90101-09M70	.BOLT	2
8	90101-09M66	.BOLT	1	29	90170-09M05	.NUT	2
9	6E5-43145-00	.CAP, clamp bracket	1	30	90185-09M01	.NUT, self-locking	2
10	93210-16275	.O-RING	1	31	688-61301-01	TWIN KIT (L:430-630MM)	1 UR
11	6E5-61350-01	STEERING GUIDE ATTACHMENT KIT	1 UR	32	90201-10M76	.WASHER, plate	2
12	6E5-51351-00	.ROD, steering link	1	33	90170-09M05	.NUT	2
13	90387-10M61	.COLLAR	1	34	90101-09M70	.BOLT	2
14	90560-12M01	.SPACER	1	35	90185-09M01	.NUT, self-locking	2
15	90101-09M66	.BOLT	1	36	6E5-61303-00	.STEERING EYE COMP.	2
16	90185-09M01	.NUT, self-locking	2	37	6E5-61315-00	.TIE BAR	1
17	90201-10M20	.WASHER, plate	2	38	95380-14700	.NUT	2
18	6E5-43145-00	.CAP, clamp bracket	1	39	6E5-61313-00	.ADJUSTER	1
19	93210-16275	.O-RING	1	40	688-61311-11	.TIE BAR	1
20	6E5-61301-01	TWIN KIT (L:600-800MM)	1 UR	41	90170-14M06	.NUT	1
21	6E5-61313-00	.ADJUSTER	1				

Fig. 3 REMOTE CONTROL ATTACHMENT (40Q MODEL)

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Fig. 3 REMOTE CONTROL ATTACHMENT (40Q MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6R6-48501-00	REMOTE CONTROL ATTACHMENT ASSY	1	14	91690-30012	..PIN, SPRING	1
2	676-48534-00-1D	.THROTTLE LEVER, control	1	15	90501-10071	..SPRING, compression	1
3	90119-06M58	.BOLT, with washer	1	16	92990-08600	..WASHER, plate	1
4	679-48532-00	.BRACKET, remote control 2	1	17	648-48340-50	.CABLE END ASSY	1
5	97395-06016	.BOLT	1	18	617-48346-90	..CABLE END, remote control	1
6	92990-06100	.WASHER, spring	1	19	92990-08600	..WASHER, plate	2
7	92990-06200	.WASHER, plain	1	20	90501-10264	..SPRING, compression	1
8	676-48531-00	.BRACKET, remote control 1	1	21	617-48361-91	..HOOK, cable	1
9	97395-06016	.BOLT	1	22	91690-30012	..PIN, spring	1
10	92990-06100	.WASHER, spring	1	23	676-48511-10	HOOK, steering (Ball Post Type)	1
11	648-48330-50	.CABLE END ASSY	1	24	97395-10040	BOLT	1
12	617-48331-91	..HOOK, cable	1	25	92990-10600	WASHER, plate	1
13	648-48346-50	..CABLE END, remote control	1	26	90185-10051	NUT, self-locking	1

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Fig. 4 REMOTE CONTROL ASSY 1 (PULL TO OPEN TYPE)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	703-48230-12	REMOTE CONTROL ASSY (7P) (Single)	1 UR	31	703-48223-00	.LOCK, neutral	1
	703-48220-12	REMOTE CONTROL ASSY (7P) (Twin Lever)	1 UR	32	703-48225-00	.COVER	1
2	703-48261-10	.ARM, throttle	1	33	703-48219-00	.COVER, lead	1
3	703-48153-00	.SHAFT, free accel.	1	34	98780-05012	.SCREW, flat head	2
4	703-48235-00	.BUSHING	1	35	98780-05016	.SCREW, flat head	7
5	703-48273-00	.BUSHING	2	36	97395-08030	.BOLT	1
6	703-48197-00	.WASHER, wave	1	37	92990-08600	.WASHER, plate	1
7	703-48268-00	.SPACER	1	38	98580-04010	.SCREW, pan head	3
8	703-48263-00	.BUSHING	1	39	98580-04006	.SCREW, pan head	2
9	703-48264-00	.THROTTLE, friction	1	40	98580-05010	.SCREW, pan head	1
10	95380-05600	.NUT	1	41	98580-03014	.SCREW, pan head	2
11	97380-05025	.BOLT	1	42	703-48291-10	.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 (Single)	1 UR
14	703-48245-00	.PLATE, lock	1		703-48293-00	.SPACER, remote control (Twin)	3 UR
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	1	47	702-48217-00	.MARK	1
18	703-48243-00	.BUSHING	1	48	703-82510-01	.MAIN SWITCH ASSY	1
19	703-48236-00	.BUSHING 1	2	49	703-82531-00	.WIRE, lead	1
20	703-48189-00	.RETAINER	1	50	703-82574-00	.SWITCH, choke	1
21	703-48234-00	.ROLLER, detent	1	51	688-82575-01	.ENGINE STOP SWITCH ASSY	1
22	703-48345-01	.CABLE END, remote control 2	2	52	682-82556-00	..STOPPER	1
23	703-48358-00	.ANCHOR, cable	1	53	688-82586-21	.EXTENSION, wire harness (7P) (L:5M)	1
24	703-48244-00	.SPRING, free accel.	1	54	703-82540-00	.NEUTRAL SWITCH ASSY	1
25	703-48238-00	.SPRING, detent	5	55	703-83383-01	.BUZZER	1
26	703-48246-00	.SPACER	1	56	703-48224-00	.COVER, control lever	1
27	703-48227-00	.SPRING, neutral lock	1	57	703-48284-00	.GROMMET	1
28	703-82594-00	.CLAMP	1	58	90465-13169	.CLAMP	2
29	703-48226-00	.PLATE, stopper	1	59	80L-26397-00	.BAND	1
30	703-48222-00	.GRIP, control lever (Single)	1 UR	60	703-48221-00	.LEVER, control	1
	703-48222-10	.GRIP, control lever (Twin)	1 UR				

Fig. 5 REMOTE CONTROL ASSY 2 (PUSH TO OPEN TYPE)

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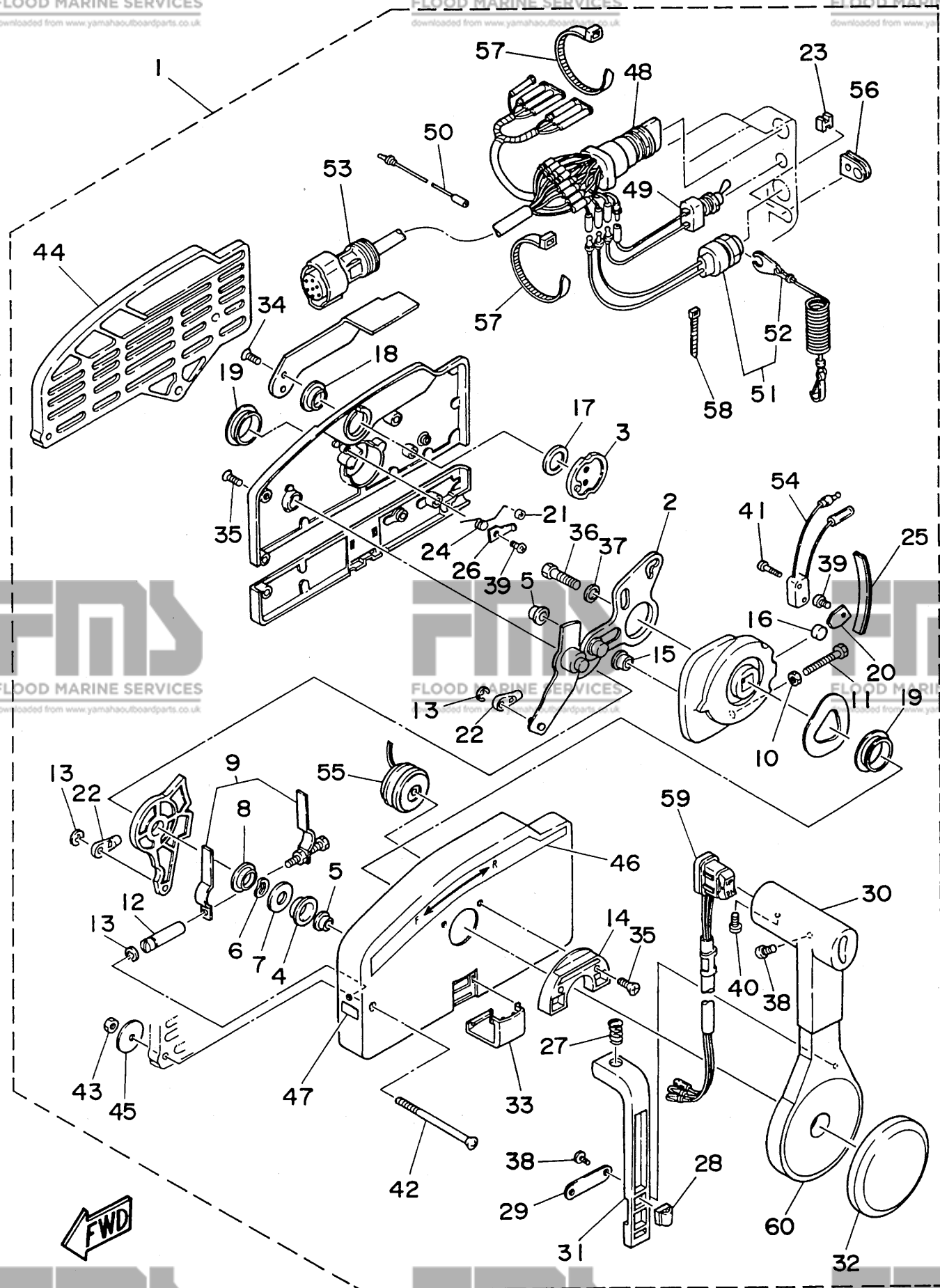
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Fig. 5 REMOTE CONTROL ASSY 2 (PUSH TO OPEN TYPE)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	703-48203-11	REMOTE CONTROL ASSY (7P) (Single)	1 UR	31	703-48223-00	.LOCK, neutral	1
	703-48205-13	REMOTE CONTROL ASSY (10P) (Single) (With Trim Tilt Switch)	1 UR	32	703-48225-00	.COVER	1
	703-48202-12	REMOTE CONTROL ASSY (7P) (Twin Lever)	1 UR	33	703-48219-00	.COVER, lead	1
	703-48208-12	REMOTE CONTROL ASSY (10P) (Twin Lever)	1 UR	34	98780-05012	.SCREW, flat head	2
2	703-48261-00	.ARM, throttle	1	35	98780-05016	.SCREW, flat head	7
3	703-48153-00	.SHAFT, free accel.	1	36	97395-08030	.BOLT	1
4	703-48235-00	.BUSHING	1	37	92990-08600	.WASHER, plate	1
5	703-48273-00	.BUSHING	2	38	98580-04010	.SCREW, pan head	3
6	703-48197-00	.WASHER, wave	1	39	98580-04006	.SCREW, pan head	2
7	703-48268-00	.SPACER	1	40	98580-05010	.SCREW, pan head	1
8	703-48263-00	.BUSHING	1	41	98580-03014	.SCREW, pan head	2
9	703-48264-00	.THROTTLE, friction	1	42	703-48291-10	.SCREW	3
10	95380-05600	.NUT	1	43	95380-06600	.NUT	3
11	97380-05025	.BOLT	1	44	703-48293-10	.SPACER, remote control (Single)	1 UR
12	703-48265-00	.SHAFT, friction	1		703-48293-00	.SPACER, remote control (Twin)	3 UR
13	93430-06024	.CIRCLIP	3	45	701-48287-00	.WASHER	3
14	703-48245-00	.PLATE, lock	1	46	703-48215-00	.GRAPHIC	1
15	703-48252-00	.ROLLER, cam	1	47	702-48217-00	.MARK	1
16	701-48248-00	.ROLLER, free accel.	1	48	703-82510-10	.MAIN SWITCH ASSY (For 10P)	1 UR
17	703-48198-00	.WASHER, wave	1		703-82510-01	.MAIN SWITCH ASSY (For 7P)	1 UR
18	703-48243-00	.BUSHING	1	49	703-82574-00	.SWITCH, choke	1
19	703-48236-00	.BUSHING 1	2	50	703-82531-00	.WIRE, lead	1
20	703-48189-00	.RETAINER	1	51	688-82575-01	.ENGINE STOP SWITCH ASSY	1
21	703-48234-00	.ROLLER, detent	1	52	682-82556-00	..STOPPER	1
22	703-48345-01	.CABLE END, remote control 2	2	53	688-8258A-20	.EXTENSION, wire harness (10P) (L:5M)	1 UR
23	703-48358-00	.ANCHOR, cable	1		688-82586-21	.EXTENSION, wire harness (7P) (L:5M)	1 UR
24	703-48244-00	.SPRING, free accel.	1	54	703-82540-00	.NEUTRAL SWITCH ASSY	1
25	703-48238-00	.SPRING, detent	5	55	703-83383-01	.BUZZER	1
26	703-48246-00	.SPACER	1	56	703-48284-00	.GROMMET	1
27	703-48227-00	.SPRING, neutral lock	1	57	90465-13169	.CLAMP	2
28	703-82594-00	.CLAMP	1	58	80L-26397-00	.BAND	1
29	703-48226-00	.PLATE, stopper	1	59	703-82563-01	.TRIM & TILT SWITCH ASSY	1 UR
30	703-48222-00	.GRIP, control lever (Single)	1 UR		703-48224-00	.COVER, control lever (Without P T/T Switch)	1 UR
	703-48222-10	.GRIP, control lever (Twin)	1 UR	60	703-48221-00	.LEVER, control	1

Fig. 6 REMOTE CONTROL ASSY 3

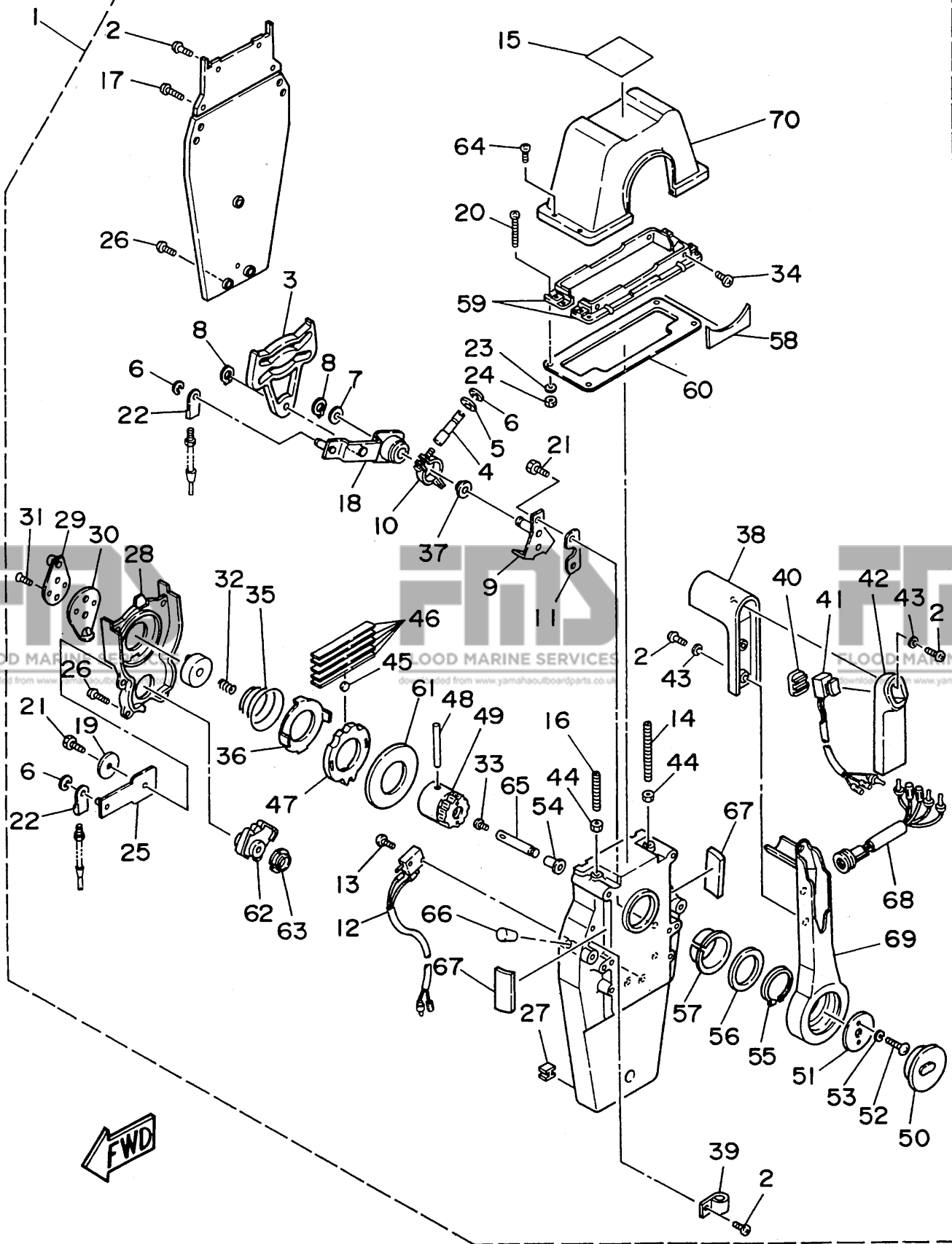


Fig. 6 REMOTE CONTROL ASSY 3

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	704-48205-12	REMOTE CONTROL ASSY (Single)	1	36	EL8-48245-00	.PLATE, lock	1
2	98580-05016	.SCREW, pan head	6	37	703-48263-00	.BUSHING	1
3	EL8-48251-00	.PLATE, cam	1	38	704-48222-00	.GRIP, control lever	1
4	704-48265-00	.SHAFT, friction	1	39	704-82594-00	.CLAMP	1
5	701-48246-00	.SPACER	1	40	704-48228-00	.HOLDER, switch	1
6	93430-06024	.CIRCLIP	3	41	704-82563-A0	.TRIM & TILT SWITCH ASSY	1
7	92990-10600	.WASHER, plate	1	42	704-48229-00	.GRIP, control lever	1
8	EL8-48259-00	.CIRCLIP	2	43	92990-05300	.WASHER, internal tooth	3
9	704-48262-00	.SHAFT, throttle	1	44	95380-06600	.NUT	2
10	704-48264-00	.THROTTLE, friction	1	45	701-48248-00	.ROLLER, free accel.	1
11	704-48266-00	.SPACER	1	46	703-48238-00	.SPRING, detent	5
12	704-82540-00	.NEUTRAL SWITCH ASSY	1	47	EL8-48232-00	.GEAR	1
13	6A5-48129-10	.SCREW 3	2	48	EL8-48164-00	.PIN 2	1
14	EL8-48281-00	.SCREW	1	49	704-48242-00	.SHAFT, drive	1
15	704-48215-00	.GRAPHIC	1	50	704-48225-00	.COVER	1
16	704-48281-00	.SCREW	1	51	704-48192-00	.WASHER 2	1
17	98580-05525	.SCREW, pan head	2	52	97890-06018	.SCREW, pan head	2
18	704-48261-00	.ARM, throttle	1	53	92990-06300	.WASHER, internal tooth	2
19	EL8-48191-00	.WASHER 1	1	54	702-48263-00	.BUSHING	1
20	98580-05540	.SCREW, pan head	4	55	EL8-48279-00	.CIRCLIP 2	1
21	97395-06018	.BOLT	3	56	704-48193-00	.WASHER 3	1
22	703-48345-01	.CABLE END, remote control 2	2	57	EL8-48234-00	.BUSHING 1	1
23	704-48287-00	.WASHER	4	58	704-48219-00	.COVER, lead	1
24	95380-05600	.NUT	4	59	704-48144-00	.PLATE, stopper 2	2
25	EL8-48271-00	.ARM, shift	1	60	704-48176-00	.GROMMET	1
26	EL8-48127-00	.SCREW 1	9	61	703-48192-00	.WASHER 2	1
27	703-48358-00	.ANCHOR, cable	1	62	EL8-48233-00	.GEAR 2	1
28	EL8-48231-00	.HOUSING, gear	1	63	703-48235-00	.BUSHING	1
29	EL8-48241-00	.ARM, drive	1	64	704-48282-00	.SCREW	4
30	EL8-48254-00	.STOPPER, throttle adjust	1	65	EL8-48153-10	.SHAFT, free accel.	1
31	98780-06020	.SCREW, flat head	2	66	704-48166-00	.PLUG	1
32	EL8-48158-00	.SPRING 1	1	67	704-48284-00	.GROMMET	2
33	98580-04008	.SCREW, pan head	1	68	704-82541-10	.WIRE, lead	1
34	98780-05018	.SCREW, flat head	4	69	704-48221-00	.LEVER, control	1
35	EL8-48244-00	.SPRING, free accel.	1	70	704-48119-00	.COVER	1

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Fig. 7 REMOTE CONTROL ASSY 4

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	704-48207-31	REMOTE CONTROL ASSY (Twin)	1	42	704-48229-00	.GRIP, control lever	1
2	98580-05016	.SCREW, pan head	12	43	92990-05300	.WASHER, internal tooth	6
3	EL8-48251-00	.PLATE, cam	2	44	95380-06600	.NUT	4
4	704-48265-00	.SHAFT, friction	2	45	701-48248-00	.ROLLER, free accel.	2
5	701-48246-00	.SPACER	2	46	703-48238-00	.SPRING, detent	10
6	93430-06024	.CIRCLIP	8	47	EL8-48232-00	.GEAR	2
7	92990-10600	.WASHER, plate	2	48	EL8-48164-00	.PIN 2	2
8	EL8-48259-00	.CIRCLIP	4	49	704-48242-00	.SHAFT, drive	2
9	704-48262-00	.SHAFT, throttle	2	50	704-48225-00	.COVER	2
10	704-48264-00	.THROTTLE, friction	2	51	704-48192-00	.WASHER 2	2
11	704-48266-00	.SPACER	2	52	97890-06018	.SCREW, pan head	4
12	6XE-82540-10	.NEUTRAL SWITCH ASSY	1	53	92990-06300	.WASHER, internal tooth	4
13	6A5-48129-10	.SCREW 3	4	54	702-48263-00	.BUSHING	2
14	EL8-48281-00	.SCREW	2	55	EL8-48279-00	.CIRCLIP 2	2
15	704-48215-10	.GRAPHIC	1	56	704-48193-00	.WASHER 3	2
16	704-48281-00	.SCREW	2	57	EL8-48234-00	.BUSHING 1	2
17	98580-05525	.SCREW, pan head	4	58	704-48219-00	.COVER, lead	2
18	704-48261-00	.ARM, throttle	2	59	704-48144-00	.PLATE, stopper 2	2
19	EL8-48191-00	.WASHER 1	2	60	704-48176-10	.GROMMET	1
20	98580-05540	.SCREW, pan head	4	61	703-48192-00	.WASHER 2	2
21	97395-06018	.BOLT	6	62	EL8-48233-00	.GEAR 2	2
22	703-48345-01	.CABLE END, remote control 2	4	63	703-48235-00	.BUSHING	2
23	704-48287-00	.WASHER	4	64	704-48282-00	.SCREW	4
24	95380-05600	.NUT	4	65	EL8-48153-10	.SHAFT, free accel.	2
25	EL8-48271-00	.ARM, shift	2	66	704-48166-00	.PLUG	2
26	EL8-48127-00	.SCREW 1	16	67	704-48284-00	.GROMMET	4
27	703-48358-00	.ANCHOR, cable	2	68	704-81950-00	.RELAY ASSY	2
28	EL8-48231-00	.HOUSING, gear	2	69	704-82590-10	.WIRE HARNESS ASSY	1
29	EL8-48241-00	.ARM, drive	2	70	704-48229-10	.GRIP, control lever	1
30	EL8-48254-00	.STOPPER, throttle adjust	2	71	704-82563-E0	.TRIM & TILT SWITCH ASSY	1
31	98780-06020	.SCREW, flat head	4	72	704-48228-10	.HOLDER, switch	1
32	EL8-48158-00	.SPRING 1	2	73	98580-05555	.SCREW, pan head	3
33	98580-04006	.SCREW, pan head	2	74	704-48156-00	.NUT 1	1
34	98780-05018	.SCREW, flat head	4	75	704-82563-F0	.TRIM & TILT SWITCH ASSY	1
35	EL8-48244-00	.SPRING, free accel.	2	76	704-48285-00	.GROMMET 2	1
36	EL8-48245-00	.PLATE, lock	2	77	704-48286-00	.GROMMET 3	2
37	703-48263-00	.BUSHING	2	78	704-48178-00	.PLATE, shaft	2
38	704-48222-00	.GRIP, control lever	2	79	704-87107-00	.CONDENSER ASSY	1
39	704-82594-00	.CLAMP	2	80	704-48221-00	.LEVER, control	2
40	704-48228-00	.HOLDER, switch	1	81	704-48119-20	.COVER	1
41	704-82563-G0	.TRIM & TILT SWITCH ASSY	1				

Fig. 8 OPTIONAL PARTS I

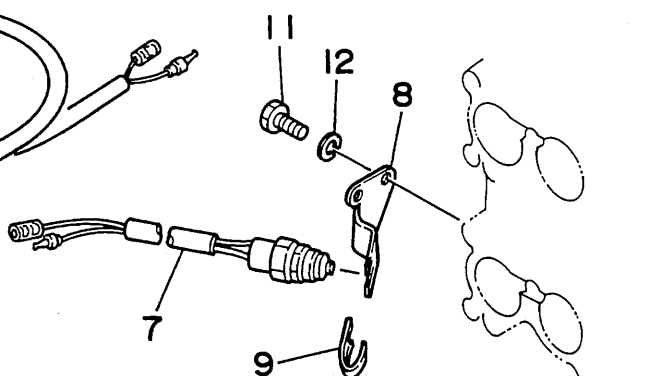
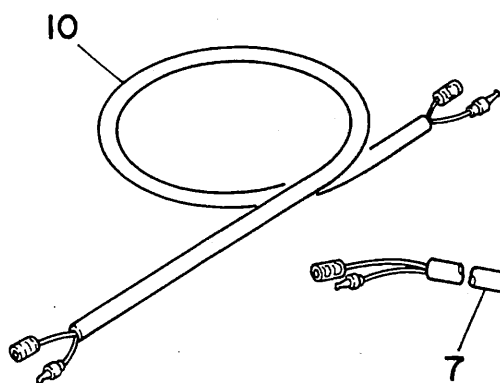
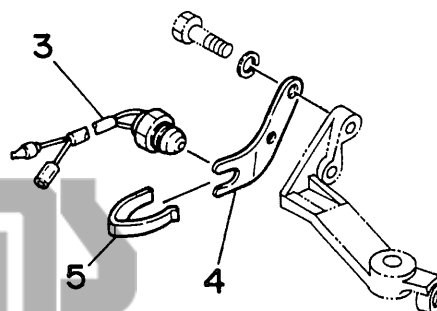
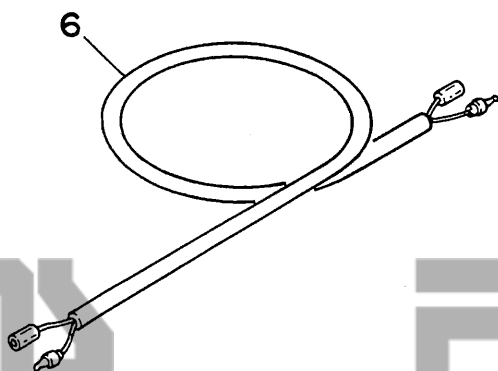
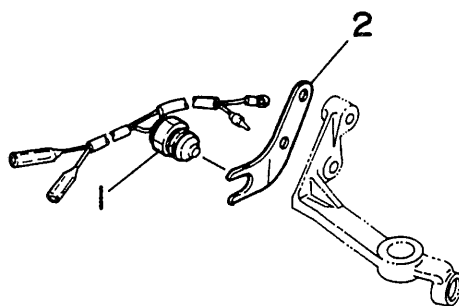


Fig. 8 OPTIONAL PARTS 1

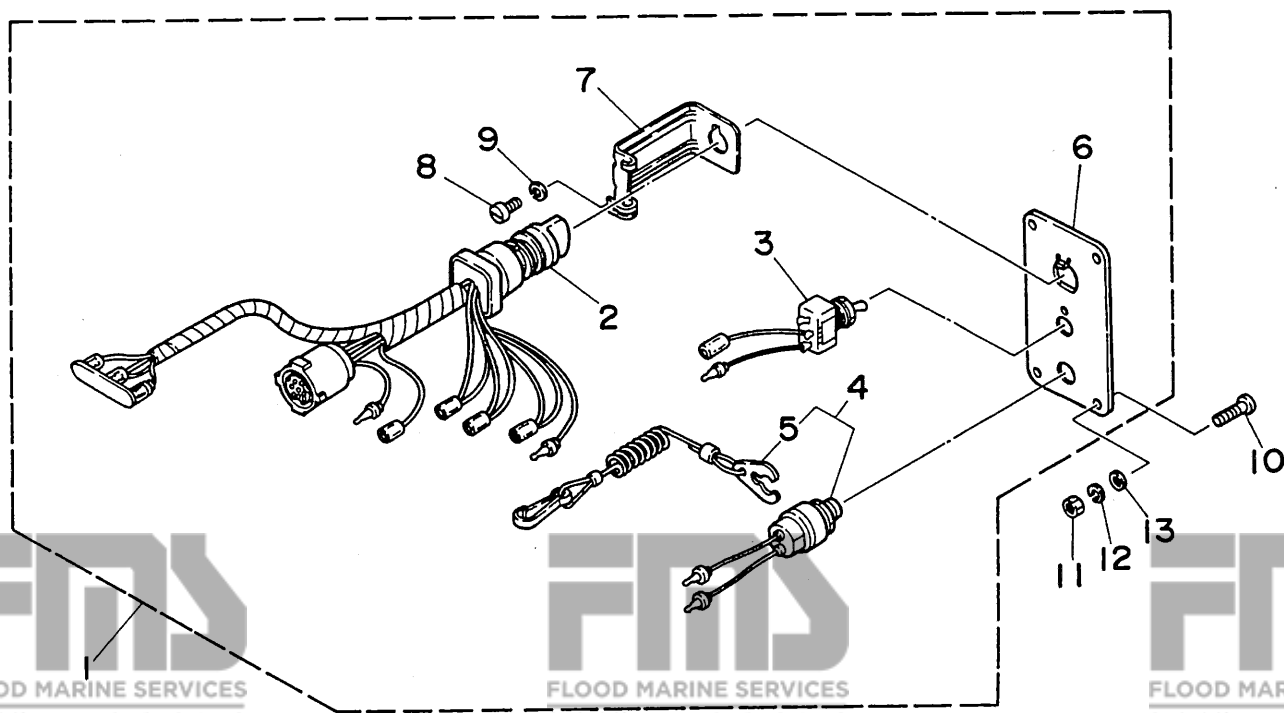
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	697-82540-01	NEUTRAL SWITCH ASSY (55B Model)	1	7	688-82540-11	NEUTRAL SWITCH ASSY (115B Model)	1
2	663-82554-01	STAY, neutral switch	1	8	6E5-82554-00	STAY, neutral switch	1
3	688-82540-11	NEUTRAL SWITCH ASSY (75A/85A Model)	1	9	663-82555-01	DAMPER, main switch 1	1
4	663-82554-01	STAY, neutral switch	1	10	688-82541-10	WIRE, lead	1
5	663-82555-01	DAMPER, main switch 1	1	11	97395-06016	BOLT	2
6	688-82541-10	WIRE, lead	1	12	92990-06100	WASHER, spring	2

Fig. 9 OPTIONAL PARTS 2

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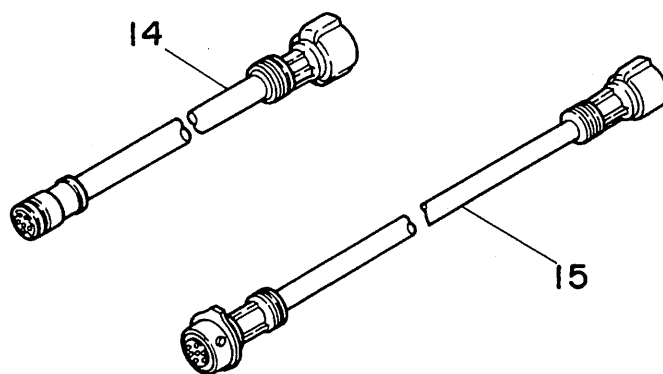


Fig. 9 OPTIONAL PARTS 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-82570-15	PANEL SWITCH ASSY	1	9	92901-04100	.WASHER, spring	1
2	689-82510-00	.MAIN SWITCH ASSY	1	10	90149-05M05	SCREW	4
3	703-82574-00	.SWITCH, choke	1	11	95380-05600	NUT	4
4	688-82575-01	.ENGINE STOP SWITCH ASSY	1	12	92990-05100	WASHER, spring	4
5	682-82556-00	..STOPPER	1	13	92990-05600	WASHER, plate	4
6	689-82571-02	.PANEL, switch	1	14	688-82586-50	EXTENSION, wire harness (7P) (L:5M)	1
7	663-82581-01	.STAY, cord clamp	1				1
8	98303-04008	.SCREW, cylinder head	1	15	688-82586-11	EXTENSION, wire harness (7P) (L:5M)	1

Fig. 10 OPTIONAL PARTS 3

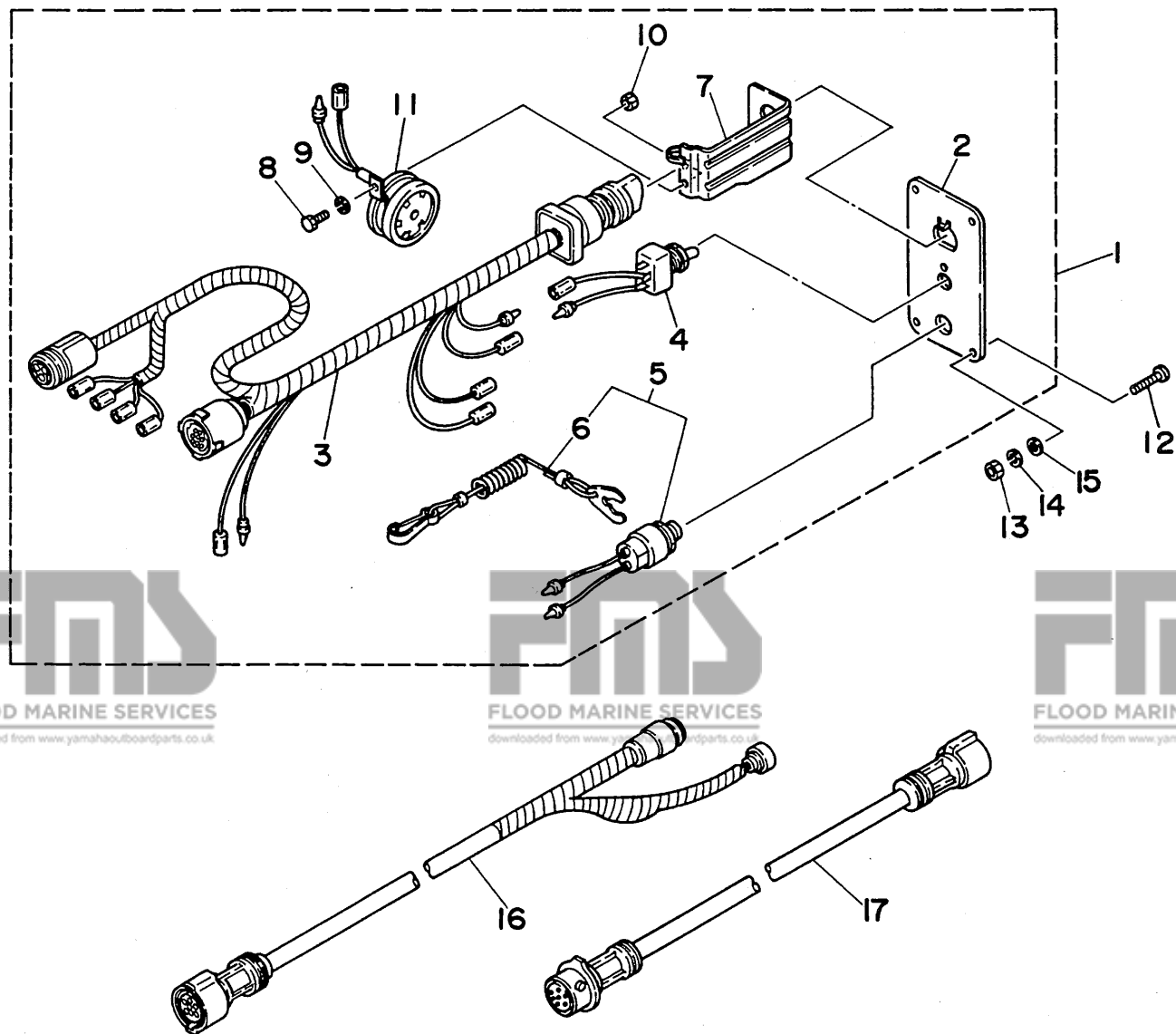


Fig. 10 OPTIONAL PARTS 3

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	704-82570-02	PANEL SWITCH ASSY	1	16	688-82586-50	EXTENSION, wire harness (7P) (L:5M)	1 UR
2	689-82571-02	.PANEL, switch	1		688-8258A-50	EXTENSION, wire harness (10P) (L:5M)	1 UR
3	704-82510-02	.MAIN SWITCH ASSY	1	17	688-82586-11	EXTENSION, wire harness (7P) (L:2M)	1 UR
4	703-82574-00	.SWITCH, choke	1		688-8258A-10	EXTENSION, wire harness (10P) (L:2M)	1 UR
5	688-82575-01	.ENGINE STOP SWITCH ASSY	1		688-82586-31	EXTENSION, wire harness (7P) (L:3M)	1 UR
6	682-82556-00	..STOPPER	1		688-8258A-30	EXTENSION, wire harness (10P) (L:3M)	1 UR
7	704-82581-00	.STAY, cord clamp	1				
8	97303-05012	.BOLT	1				
9	92990-05100	.WASHER, spring	1				
10	95303-05700	.NUT	1				
11	688-83383-11	.BUZZER	1				
12	90149-05M05	SCREW	4				
13	95380-05600	NUT	4				
14	92990-05100	WASHER, spring	4				
15	92990-05600	WASHER, plate	4				

Fig. 1 | OPTIONAL PARTS 4

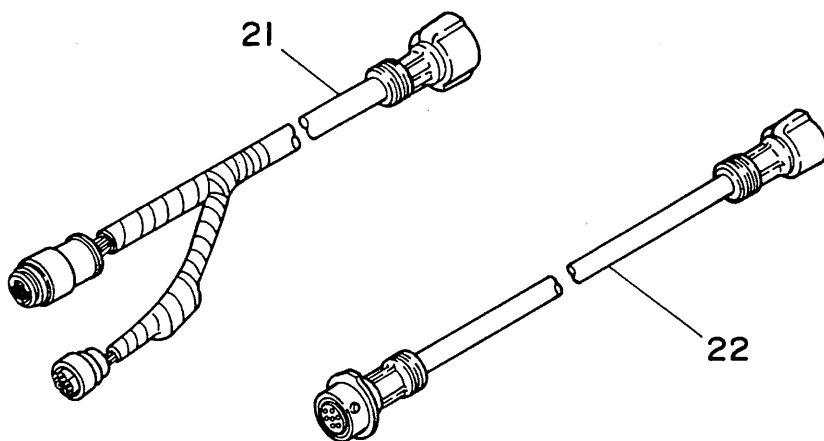
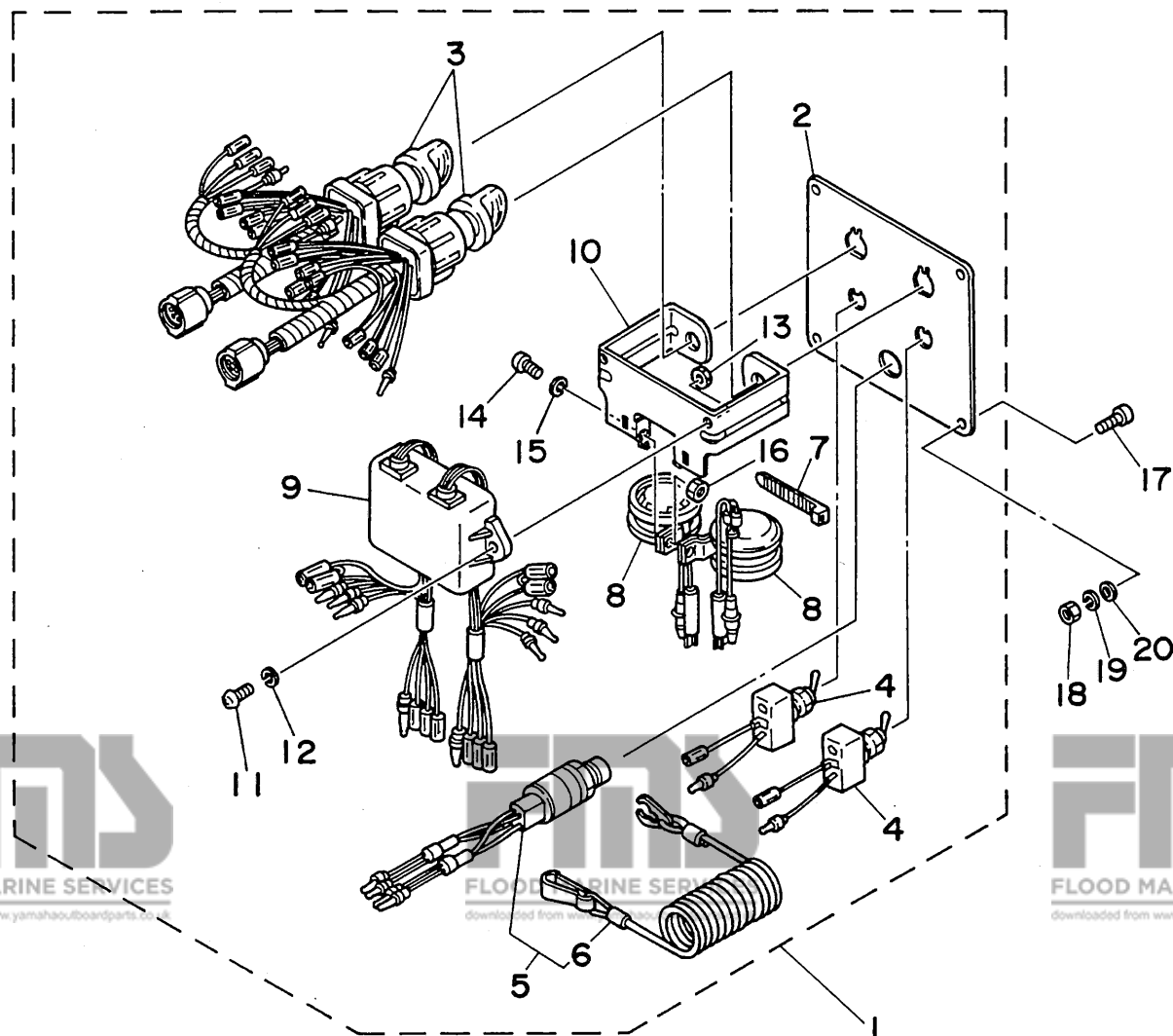


Fig. 11 OPTIONAL PARTS 4

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6K1-82570-02	PANEL SWITCH ASSY	1	14	98580-05010	.SCREW, pan head	2
2	6K1-82571-00	.PANEL, switch	1	15	92990-05100	.WASHER, spring	2
3	6K1-82510-02	.MAIN SWITCH ASSY	2	16	95380-05600	.NUT	2
4	703-82574-00	.SWITCH, choke	2	17	90149-05M05	SCREW	4
5	6K1-82575-00	.ENGINE STOP SWITCH ASSY	1	18	95380-05600	NUT	4
6	682-82556-00	..STOPPER	1	19	92990-05100	WASHER, spring	4
7	704-82581-00	.STAY, cord clamp	2	20	92990-05600	WASHER, plate	4
8	688-83383-11	.BUZZER	2	21	6K1-8258A-40	EXTENSION, wire harness	1
9	6K1-85830-01	.CONTROL UNIT ASSY	1	22	688-8258A-10	EXTENSION, wire harness (10P)	1 UR
10	6K1-83614-00	.BRACKET	1		(L:2M)		
11	92580-06020	.SCREW, pan head	2		688-8258A-30	EXTENSION, wire harness (10P)	1 UR
12	92990-06100	.WASHER, spring	2		(L:3M)		
13	95380-06600	.NUT	2				

Fig. 12 OPTIONAL PARTS 5

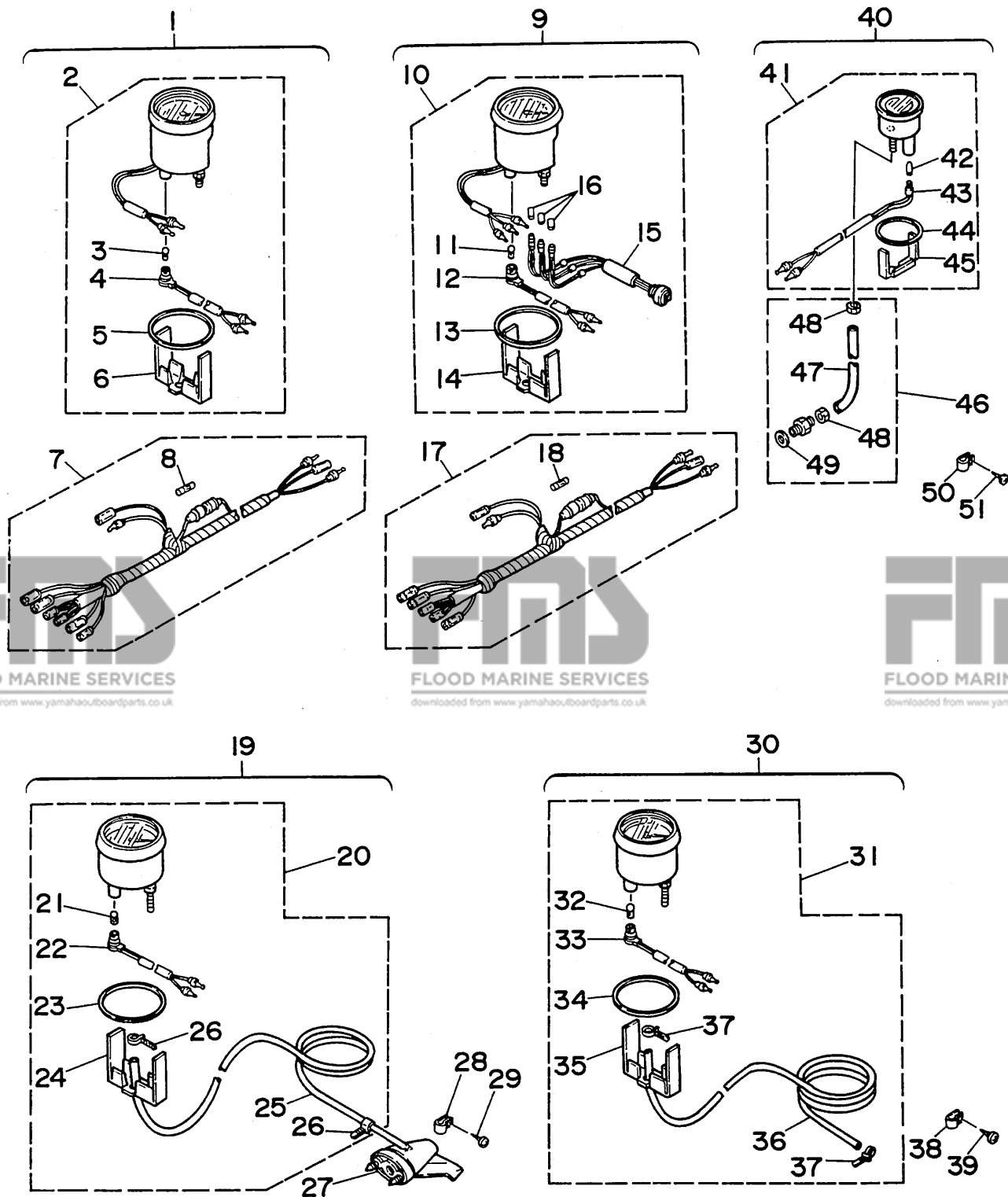


Fig. 12 OPTIONAL PARTS 5

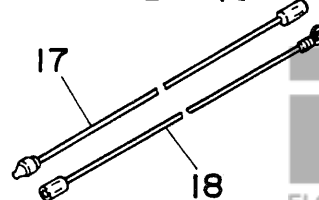
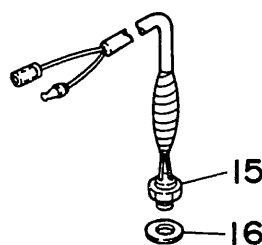
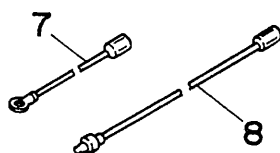
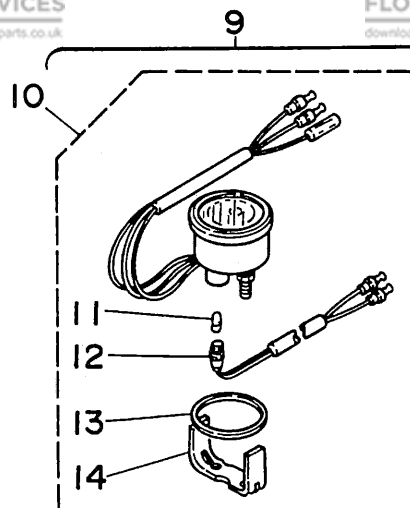
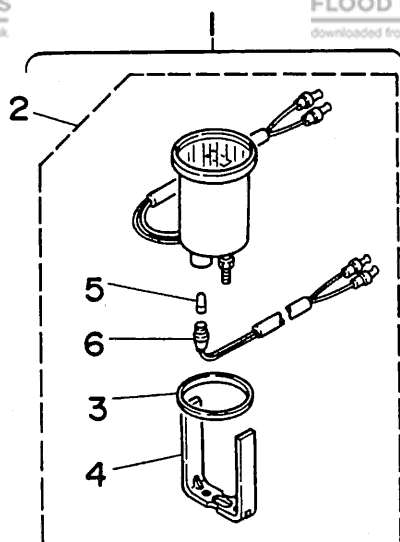
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6Y5-W0080-12	TACHOMETER KIT	1	27	688-83556-01	.SENDER	1
2	6Y5-83540-12	.TACHOMETER ASSY	1	28	90601-31402	.NYLON CLIP 1	5
3	688-83516-00	..BULB	1	29	97780-40116	.SCREW, tapping	5
4	6Y5-83536-10	..SOCKET, meter	1	30	6Y5-W0081-20	SPEEDOMETER KIT	1
5	6Y5-83523-00	..DAMPER	1	31	6Y5-83510-20	.SPEEDOMETER ASSY	1
6	6Y5-83514-00	..PLATE, fitting	1	32	688-83516-00	..BULB	1
7	6Y5-83553-00	.WIRE, lead	1	33	6Y5-83536-10	..SOCKET, meter	1
8	1E6-82151-00	..FUSE (10A)	1	34	6Y5-83523-00	..DAMPER	1
9	6Y5-W0080-02	TACHOMETER KIT	1	35	6Y5-83514-00	..PLATE, fitting	1
10	6Y5-83540-02	.TACHOMETER ASSY	1	36	688-83557-00	..TUBE	1
11	688-83516-00	..BULB	1	37	90465-11M10	..CLAMP	2
12	6Y5-83536-10	..SOCKET, meter	1	38	90601-31402	.NYLON CLIP 1	5
13	6Y5-83523-00	..DAMPER	1	39	97780-40116	.SCREW, tapping	5
14	6Y5-83514-00	..PLATE, fitting	1	40	6Y5-W0088-00	WATER PRESSURE METER KIT	1
15	6Y5-83509-02	..SOCKET CORD ASSY	1	41	6Y5-83660-00	.WATER PRESSURE METER ASSY	1
16	6Y5-83518-00	..BULB, meter	3	42	6Y5-83518-00	..BULB, meter	1
17	6Y5-83553-00	.WIRE, lead	1	43	6Y5-83536-00	..SOCKET, meter	1
18	1E6-82151-00	..FUSE (10A)	1	44	688-83664-00	..DAMPER	1
19	6Y5-W0081-40	SPEEDOMETER KIT	1	45	688-83665-00	..PLATE, fitting	1
20	6Y5-83510-30	.SPEEDOMETER ASSY	1	46	688-83667-00	.SENDER	1
21	688-83516-00	..BULB	1	47	688-83666-00	..TUBE	1
22	6Y5-83536-10	..SOCKET, meter	1	48	663-83668-00	..NUT, nipple	2
23	6Y5-83523-00	..DAMPER	1	49	90430-14115	..GASKET	1
24	6Y5-83514-00	..PLATE, fitting	1	50	90601-31402	.NYLON CLIP 1	5
25	688-83557-00	..TUBE	1	51	97780-40116	.SCREW, tapping	5
26	90465-11M10	..CLAMP	2				

Fig. 13 OPTIONAL PARTS 6

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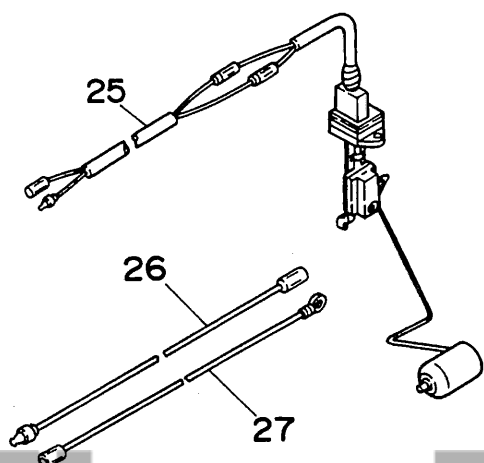
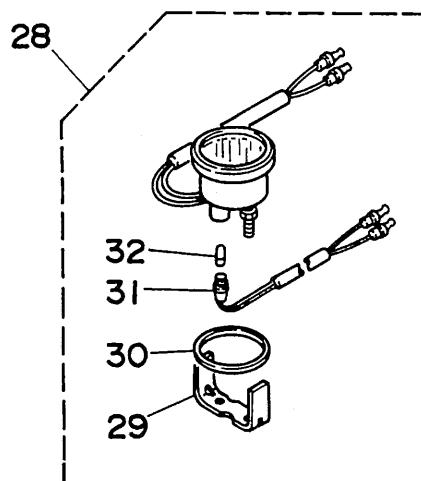
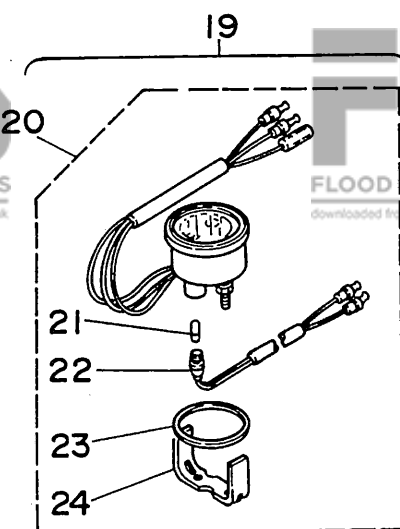


Fig. 13 OPTIONAL PARTS 6

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6Y5-W0088-31	HOUR METER KIT	1	17	663-83553-Y0	.WIRE, lead	1
2	6Y5-83504-01	.HOUR METER ASSY	1	18	663-83553-A0	.WIRE, lead	1
3	688-83664-00	..DAMPER	1	19	6Y5-WW0088-20	FUEL METER KIT	1
4	6Y5-83577-00	..PLATE, fitting	1	20	6Y5-85750-00	.FUEL METER ASSY	1
5	6Y5-83518-00	..BULB, meter	1	21	6Y5-83518-00	..BULB, meter	1
6	6Y5-83536-00	..SOCKET, meter	1	22	6Y5-83536-00	..SOCKET, meter	1
7	663-83553-A0	.WIRE, lead	1	23	688-83664-00	..DAMPER	1
8	663-83553-Y0	.WIRE, lead	1	24	6Y5-83544-00	..PLATE, fitting	1
9	6Y5-W0088-10	WATER TEMP. METER KIT	1	25	688-85752-01	.SENDER UNIT ASSY, fuel meter	1
10	6Y5-83590-00	.WATER TEMPERATURE ASSY	1	26	663-83553-Y0	.WIRE, lead	1
11	6Y5-83518-00	..BULB, meter	1	27	663-83553-A0	.WIRE, lead	1
12	6Y5-83536-00	..SOCKET, meter	1	28	6Y5-83503-00	VOLTMETER ASSY	1
13	688-83664-00	..DAMPER	1	28	6Y5-83544-00	.PLATE, fitting	1
14	6Y5-83544-00	..PLATE, fitting	1	30	688-83664-00	.DAMPER	1
15	688-83591-00	.THERMO UNIT	1	31	6Y5-83536-00	.SOCKET, meter	1
16	90430-14115	.GASKET	1	32	6Y5-83518-00	.BULB, meter	1

Fig. 14 OPTIONAL PARTS 7
(20C/25V/30G MODEL)

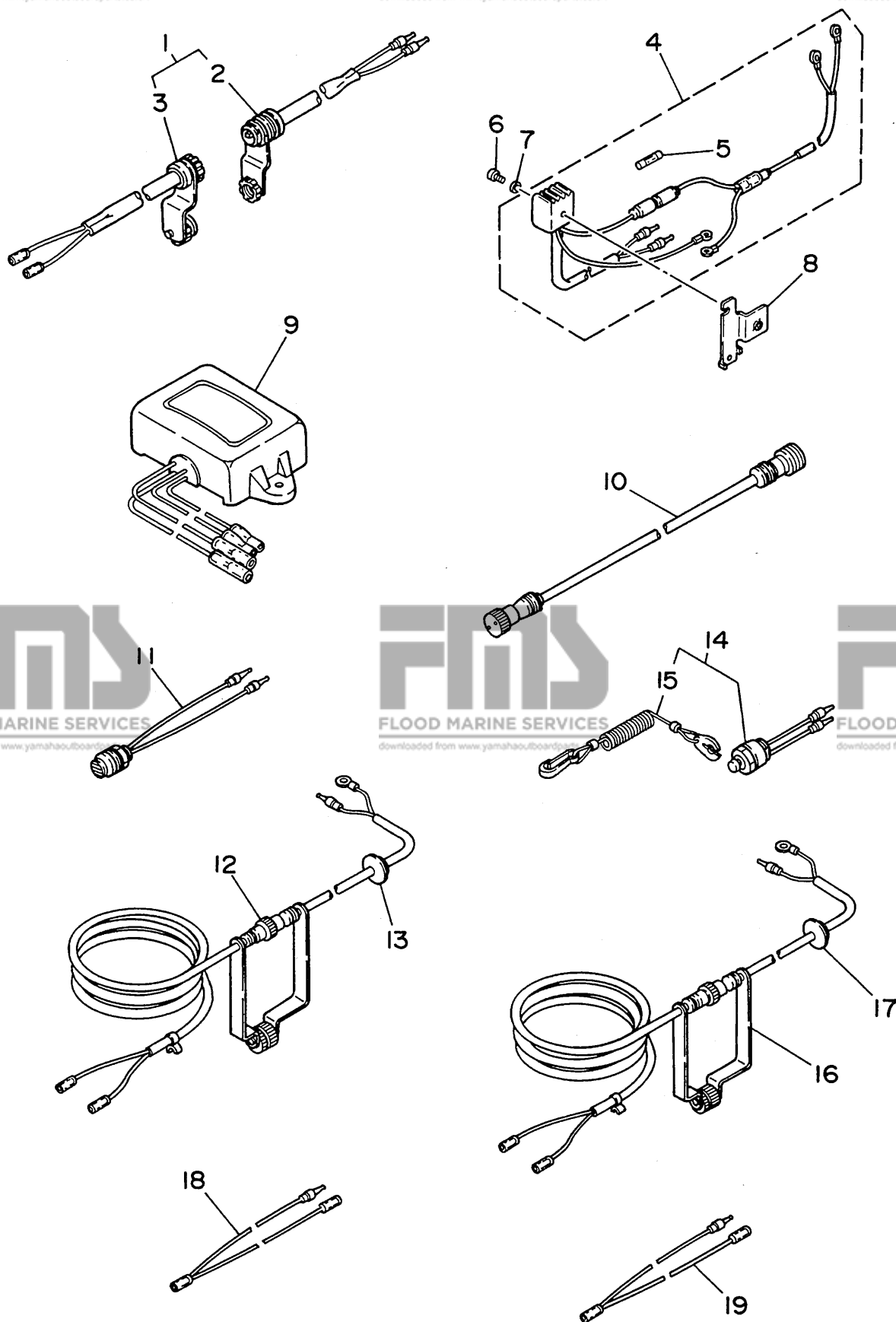


Fig. 14 OPTIONAL PARTS 7 (20C/25V/30G MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	682-84380-00	CONCENT 2P	1	10	689-82553-10	EXTENSION, wire lead	1
2	682-84381-00	.2P CONCENT	1	11	689-82550-11	ENGINE STOP SWITCH ASSY	1
3	682-84382-00	.2P CONCENT	1	12	689-82553-20	EXTENSION, wire lead	1
4	676-81970-00	RECTIFIER ASSY	1	13	689-42725-40	GROMMET	1
5	682-82151-00	.FUSE	1	14	689-82575-13	ENGINE STOP SWITCH ASSY	1
6	98503-05025	SCREW, pan head	1	15	682-82556-00	.STOPPER	1
7	92990-05600	WASHER, plate	1	16	689-82553-20	EXTENSION, wire lead	1
8	695-81975-00	PLATE, rectifier fitting	1	17	689-42725-40	GROMMET	1
9	663-81910-10	VOLTAGE REGULATOR ASSY	1	18	699-82149-A0	WIRE, lead 3	1
				19	699-82149-00	WIRE, lead 3	1

Fig. 15 OPTIONAL PARTS 8 (40Q/55B MODEL)

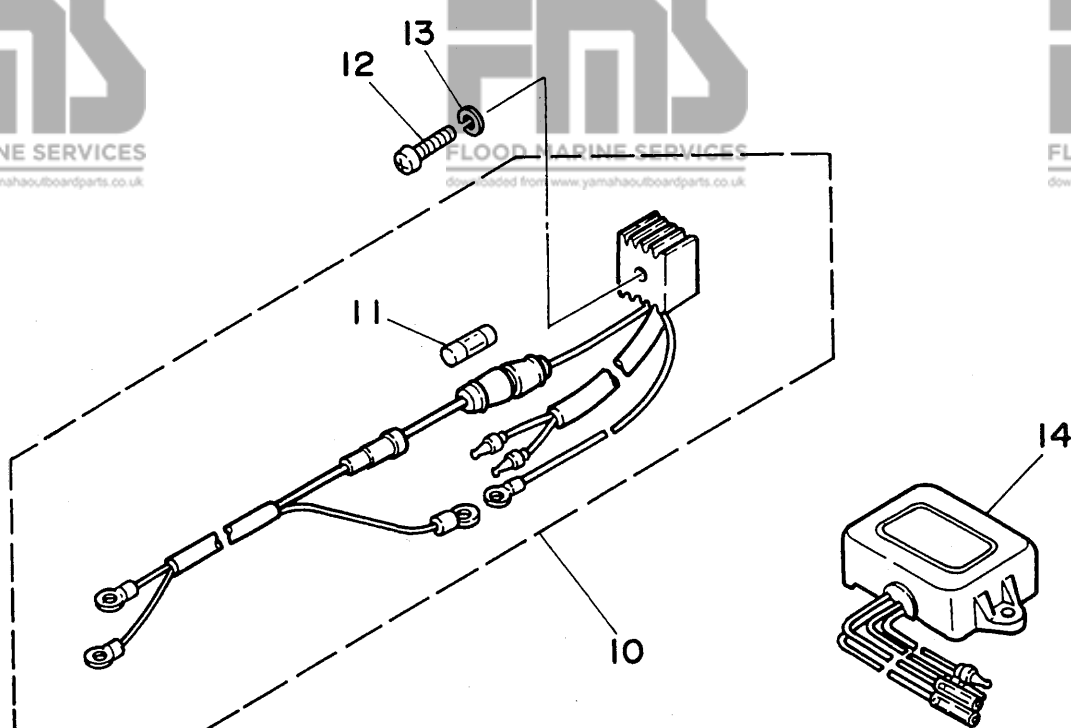
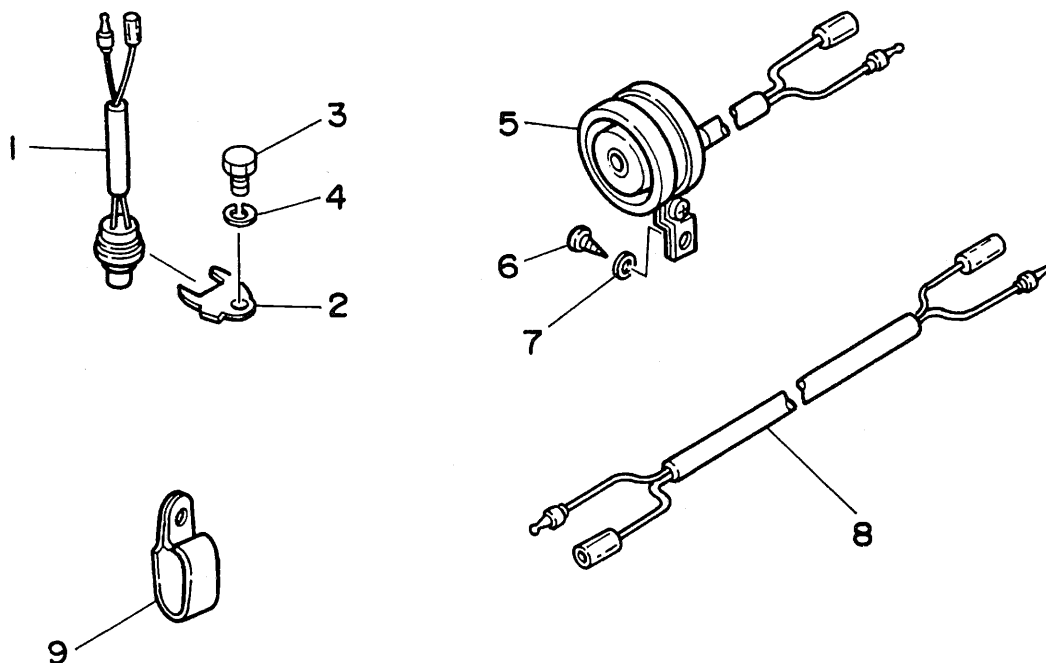


Fig. 15 OPTIONAL PARTS 8 (40Q/55B MODEL)

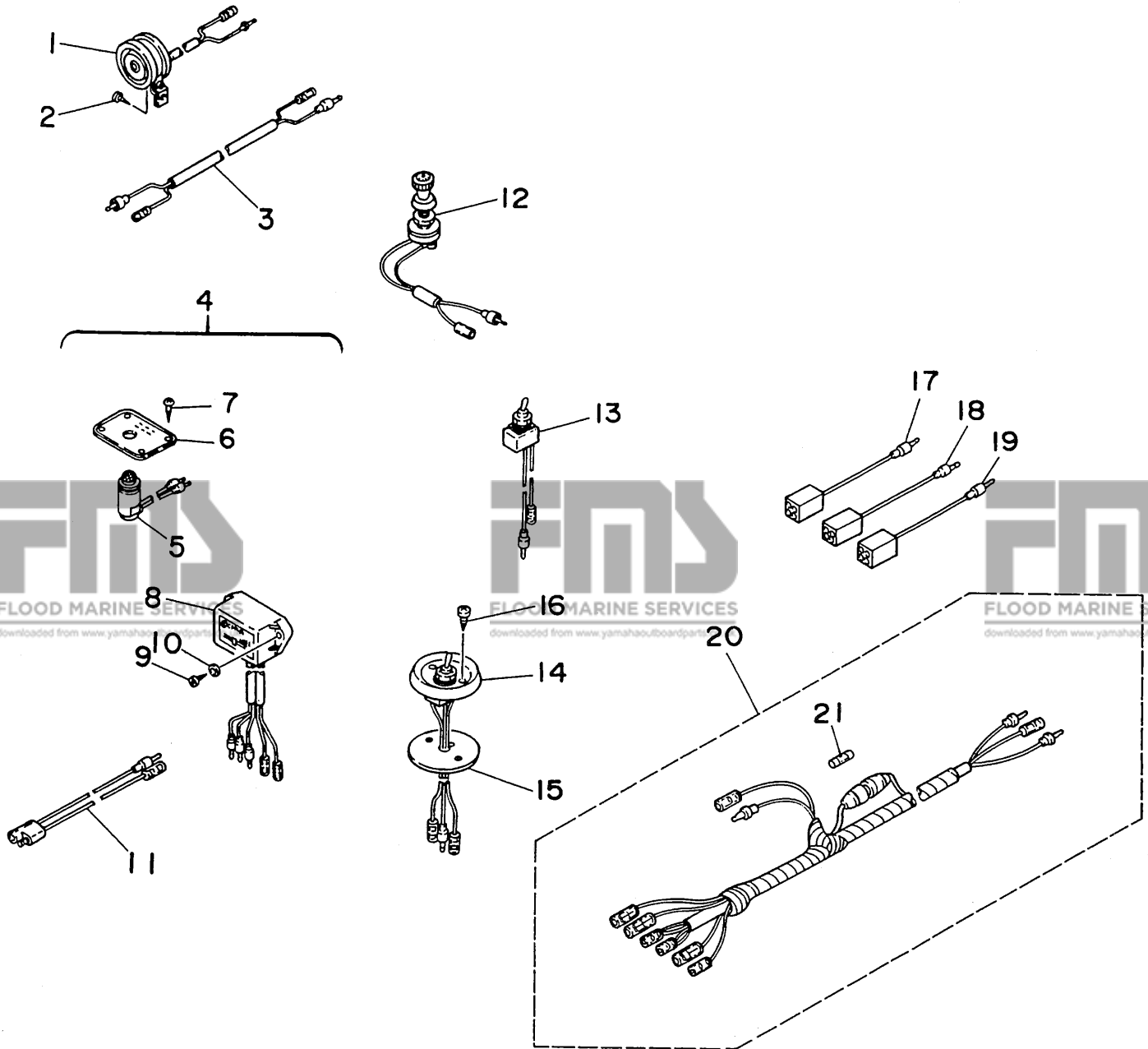
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1	688-82560-00	THERMO SWITCH ASSY (55B Model)	1	9	90461-06M01	CLAMP (55B Model)	1
2	663-82588-00	PLATE (55B Model)	1	10	676-81970-00	RECTIFIER ASSY	1
3	97313-06010	BOLT (55B Model)	1	11	682-82151-00	.FUSE	1
4	92990-06100	WASHER, spring (55B Model)	1	12	98580-05530	SCREW, pan head (55B Model)	1 UR
5	688-83383-11	BUZZER	1		98503-05025	SCREW, pan head (40Q Model)	1 UR
6	97780-60516	SCREW, tapping	1	13	92990-05100	WASHER, spring (55B Model)	1 UR
7	92990-05600	WASHER, plate	1		92990-05600	WASHER, spring (40Q Model)	1 UR
8	688-83373-10	LEAD, horn	1	14	663-81910-10	VOLTAGE REGULATOR ASSY	1

Fig. 16 OPTIONAL PARTS 9 (75A/85A/115B MODEL)

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Fig. 16 OPTIONAL PARTS 9 (75A/85A/115B MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-83383-11	BUZZER	1	12	688-82520-00	LIGHT SWITCH ASSY	1 UR
2	97780-50112	SCREW, tapping	1	13	688-82526-00	SWITCH, lamp	1 UR
3	688-83373-10	LEAD, horn	1	14	688-82563-10	TRIM & TILT SWITCH ASSY	1
4	688-W0088-40	PILOT LAMP KIT	1	15	688-82388-00	PLATE	1
5	663-84301-01	.PILOT LIGHT ASSY 1	1	16	97780-40116	SCREW, tapping	2
6	663-84309-00	.PLATE, set	1	17	6Y5-82521-00	WIRE, lead (YELLOW)	1 UR
7	95428-31316	.SCREW, wood	4	18	6Y5-82149-00	WIRE, lead (BLUE)	1 UR
8	697-81901-60	.CHARGE WARNING UNIT ASSY	1	19	6Y5-82117-00	WIRE, lead (BLACK)	1 UR
9	97780-60120	.SCREW, tapping	2	20	6Y5-83553-00	WIRE, lead	1
10	92990-06600	.WASHER, plate	2	21	1E6-82151-00	.FUSE (10A)	1
11	663-82521-09	.WIRE, lead	1				

Fig. 17 OPTIONAL PARTS 10 (75A/85A MODEL)

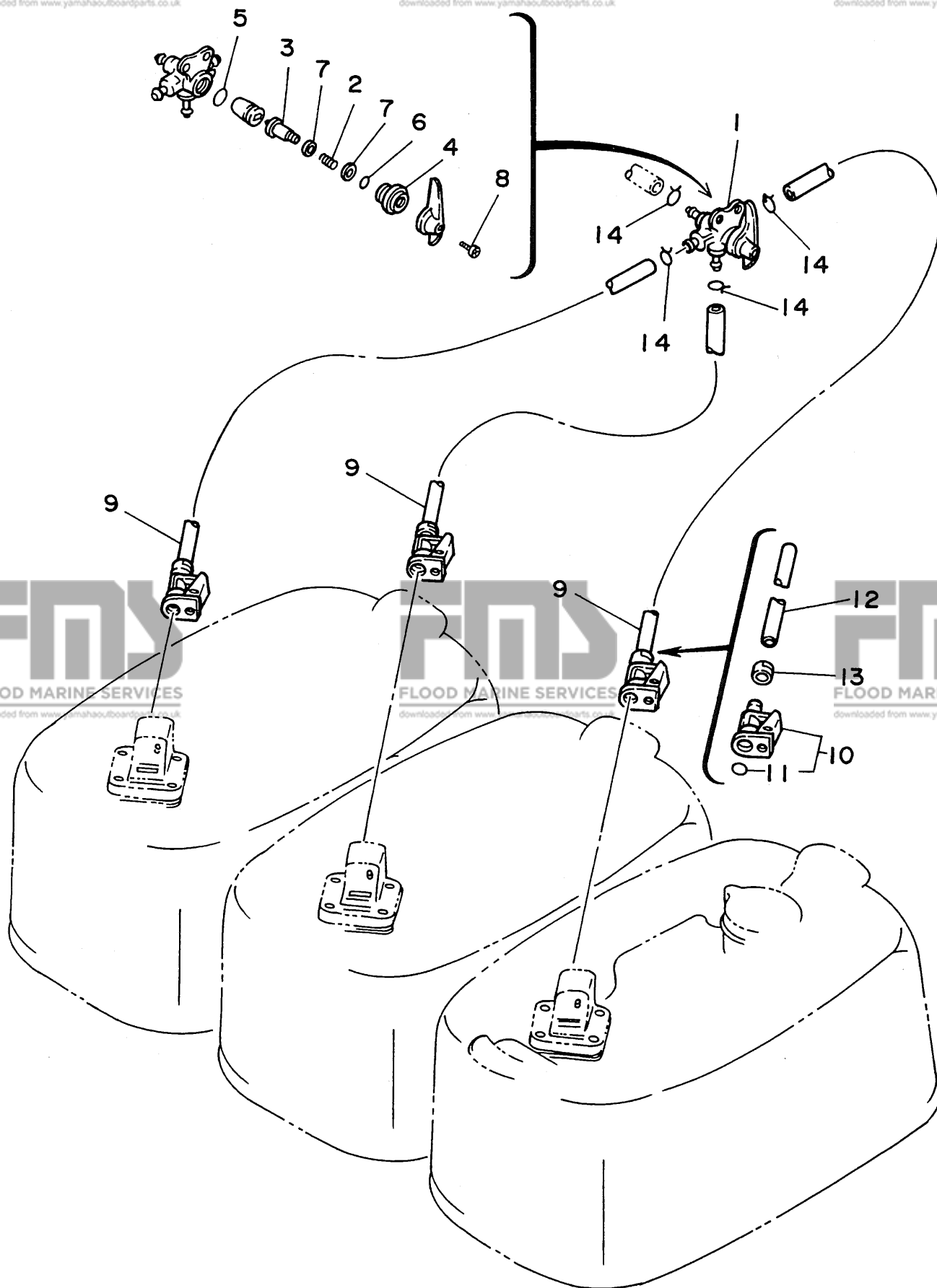


Fig. 17 OPTIONAL PARTS 10 (75A/85A MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-24540-00	FUEL COCK COMP.	1	8	98680-04016	.SCREW, oval head	1
2	90501-12M13	.SPRING, compression	1	9	688-24307-01	FUEL PIPE COMP. 2	3
3	688-24554-00	.SHAFT, cock	1	10	6G1-24305-00	.FUEL PIPE JOIN COMP. 2	1
4	688-24559-00	.BREATHING, filter	1	11	93210-08287	.O-RING	1
5	93210-20M28	.O-RING	1	12	90445-12M05	.HOSE	1
6	93210-08M27	.O-RING	1	13	650-24351-01	.BAND 1	1
7	90201-08M32	.WASHER, plate	2	14	90467-11M00	CLIP	4

Fig. 18 OPTIONAL PARTS 11 (115B MODEL)

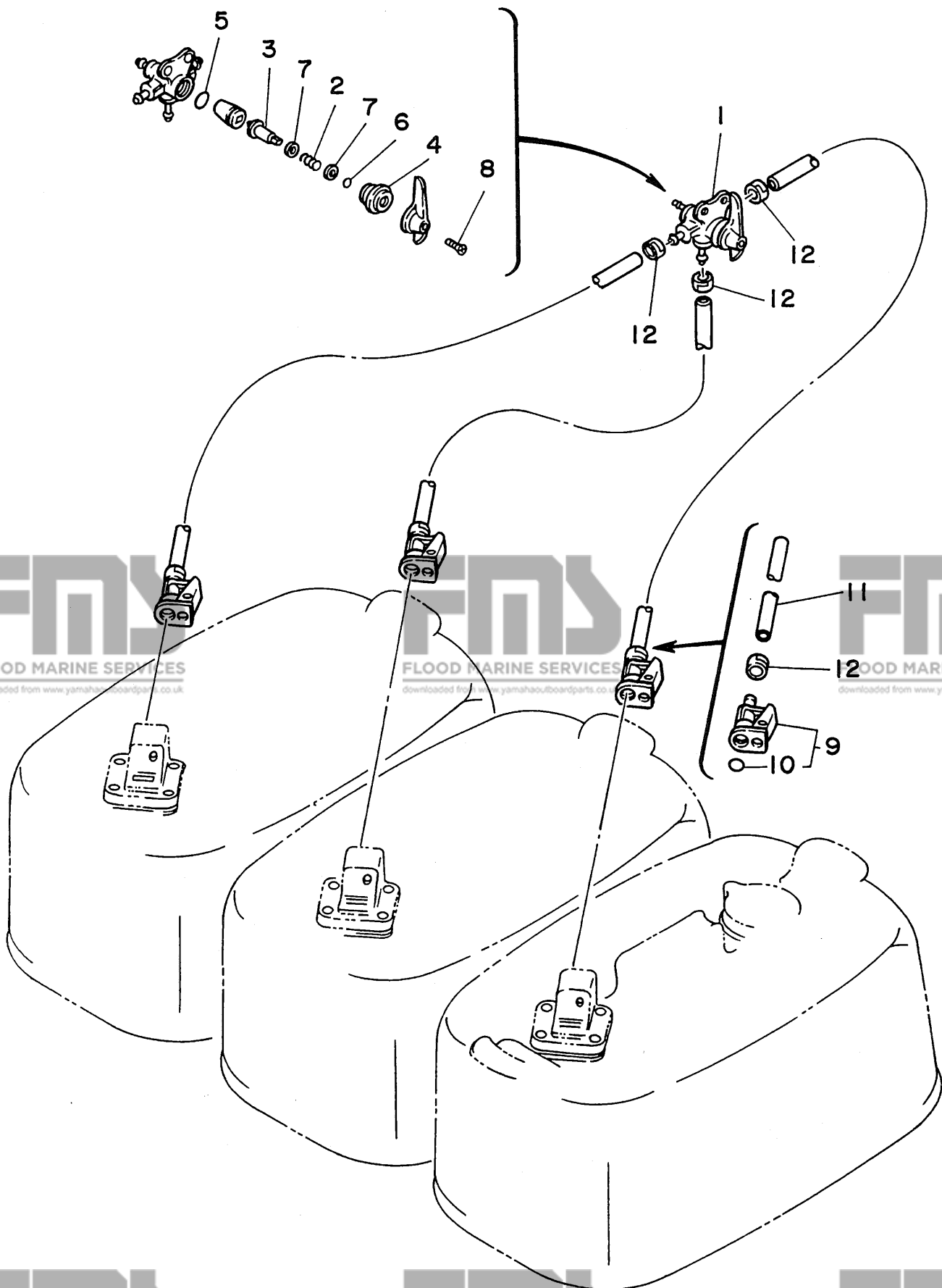


Fig. 18 OPTIONAL PARTS 11 (115B MODEL)

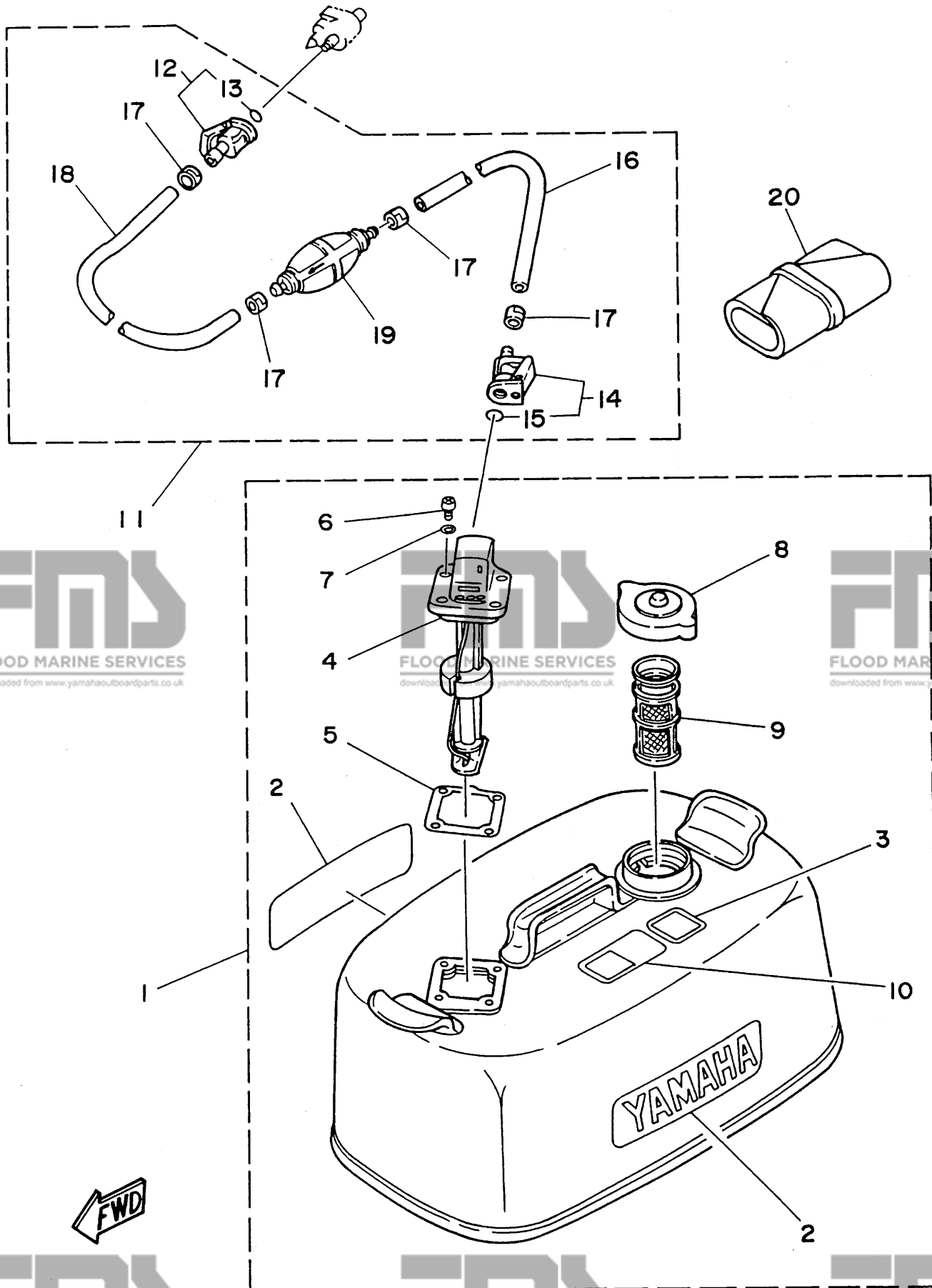
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E5-24540-00	FUEL COCK COMP.	1	7	90201-08M32	.WASHER, plate	2
2	90501-12M13	.SPRING, compression	1	8	98680-04016	.SCREW, oval head	1
3	688-24554-00	.SHAFT, cock	1	9	6Y2-24305-01	FUEL PIPE JOINT COMP. 2	3
4	688-24559-00	.BREATHER, filter	1	10	93210-08287	.O-RING	1
5	93210-20M28	.O-RING	1	11	90445-13M32	HOSE	3
6	93210-08M27	.O-RING	1	12	6E5-24351-01	BAND 1	6

Fig. 19 FUEL TANK & FUEL PIPE

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Fig. 19 FUEL TANK & FUEL PIPE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6Y1-W2420-62-24	FUEL TANK ASSY	1	12	6G1-24305-01	.FUEL PIPE JOINT COMP. 2	1 UR
2	6Y1-24246-00	.GRAPHIC, side	2	13	93210-08287	..O-RING	1
3	6Y1-24257-00	.GRAPHIC	1	14	6Y2-24305-02	.FUEL PIPE JOINT COMP. 2	
4	6Y1-24260-02	.FUEL METER ASSY	1		(115B Model only)		1 UR
5	6Y1-24268-00	.GASKET, fuel meter	1		6Y1-24305-02	.FUEL PIPE JOINT COMP. 2	1 UR
6	98586-05016	.SCREW, pan head	4	15	93210-08287	..O-RING	1
7	6Y1-24329-00	.SEAL	4	# 16	90445-13M01	.HOSE (L2050) (115B Model only)	1 UR
8	6Y1-24610-00	.CAP ASSY	1	#	90445-11M06	.HOSE (L2050)	1 UR
9	6Y1-24167-00	.STRAINER	1	17	6E5-24351-51	.BAND 1 (115B Model only)	1 UR
10	6Y1-24256-80	.GRAPHIC, fuel tank 9			650-24351-01	.BAND 1	1 UR
		(115B Model only)	1 UR	# 18	90445-13M00	.HOSE (L850) (115B Model only)	1 UR
	6Y1-24254-60	.GRAPHIC	1 UR	#	90445-11M05	.HOSE (L850)	1 UR
11	6Y2-24306-51	FUEL PIPE COMP. 1		19	6Y2-24360-51	.PRIMER PUMP ASSY	
		(115B Model only)	1 UR		(115B Model only)		1 UR
	6Y1-24306-51	FUEL PIPE COMP. 1	1 UR		6Y1-24360-51	.PRIMER PUMP ASSY	1 UR
12	6E5-24305-02	.FUEL PIPE JOINT COMP. 2		20	656-W2810-02	TOOL KIT	1
		(115B Model only)	1 UR				

Also available in 30m rolls. (Parts No. 90890-77001....115B Model only) & (Parts No. 90890-56878)



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