

75A/85A

13692-300 E1

13688-300 E1

serial no.

75AE L:301966 and up
UL:700141 and up
75AET L:401226 and up
UL:750206 and up
85AE L:306481 and up
UL:700366 and up
85AET L:403986 and up
UL:750351 and up

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75A/85A

INTERCHANGEABILITY MARK

Whether or not there is interchangeability between the parts having the previous and new parts numbers is indicated by interchangeability marks.

Ref.No.	Parts No.	Description	Q'ty
▶ 57 *	93306-206U5	BEARING (B6206)	1
▲ *	93306-206U1	BEARING (B6206)	1
58	93410-32M00	CIRCLIP (S-32φ)	1
59	688-15359-00-94	HOUSING, oil seal	1

Interchangeability Mark

* Indicates new parts number

▶ } This mark is indicated serial number of marginal notes.

Mark A : The both new and previous parts are able to use for either previous or new engines.

Mark B : Not interchangeable, refer to serial number of marginal notes for ordering or using of parts.

Mark C : Interchangeable, but the previous parts are not able to use for new engines.

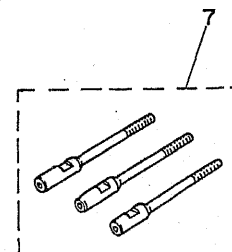
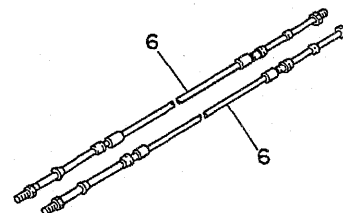
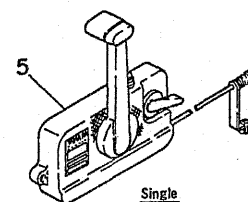
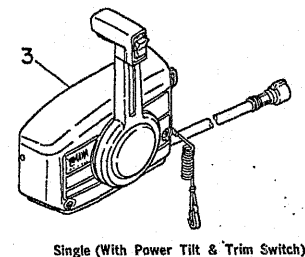
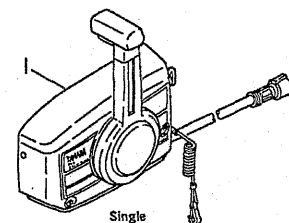
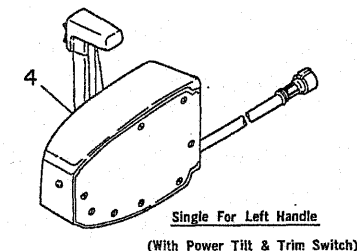
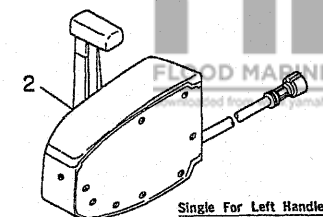


Fig. 1 REMOTE CONTROL



Ref.No.	Parts No.	Description	Q'ty
▲ 1	702-48203-11	REMOTE CONTROL ASS'Y	U.R.
▲ 2	702-48204-11	REMOTE CONTROL ASS'Y	
▲ 3	702-48205-11	REMOTE CONTROL ASS'Y	
▲ 4	702-48206-11	REMOTE CONTROL ASS'Y	
◆ 5	701-48130-01	REMOTE CONTROL ASS'Y(Optional)	
6	701-48310-10	CABLE, remote control 6F	U.R.
	701-48310-20	CABLE, remote control 7F	
	701-48310-40	CABLE, remote control 8F	
	701-48310-60	CABLE, remote control 9F	
	701-48310-90	CABLE, remote control 11F	
	701-48320-00	CABLE, remote control 12F	
	701-48320-20	CABLE, remote control 13F	
	701-48320-30	CABLE, remote control 14F	
	701-48320-50	CABLE, remote control 15F	
	701-48320-60	CABLE, remote control 16F	
	701-48320-80	CABLE, remote control 17F	
	701-48320-90	CABLE, remote control 18F	
TWIN ATTACHMENT			
7	702-48291-00	ATTACHMENT 1	1s
#	702-48292-00	ATTACHMENT 2	1s

Not shown

▲ See Fig. 17 for detail service parts.

◆ See Fig. 18 for detail service parts.

Fig. 2 COWLING

COWLING

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Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-42610-01-F6	TOP COWLING ASS'Y (85A Model)	1	26	688-42711-01-F6	COWLING, bottom	1
*	692-42610-20-F6	TOP COWLING ASS'Y (75A Model)	1	27	663-24376-00	PIPE, joint 1	1
2	688-40070-10	GRAPHIC SIDE SET	1s	28	688-42815-00-F6	LEVER, clamp 1	1
3	688-42686-10	EMBLEM, front	1	29	688-42817-00-F6	LEVER, clamp 3	1
4	688-42687-01	EMBLEM, rear (85A Model)	1	30 *	90386-13M38	BUSHING	4
				A			
*	692-42687-10	EMBLEM, rear (75A Model)	1				
5	90183-05M01	NUT, spring	10	31	90206-13019	WASHER (13.5 ϕ -22 ϕ -0.5mm)	2
6	688-42683-00	MARK, cowling 3	1	32	688-42816-00	LEVER, clamp 2	2
7	688-42613-00-F6	MOLDING, air duct	1	33	90201-06068	WASHER (6.5 ϕ -20 ϕ -2.0mm)	2
8	688-42618-00	AIR SHROUD, top cowling	1	34	97313-06012	BOLT	2
9	688-42628-00	SEAL 1	1	35	688-42716-01	SEAL 1	1
10	97313-06016	BOLT	2	36	663-42724-00	GROMMET 1	1
11	92903-06100	WASHER	2	37	688-42725-00	GROMMET 2	1
12	97313-06025	BOLT	2	38	688-42738-00-94	PLATE, fitting	1
13	92903-06600	WASHER	2	39	97313-06016	BOLT	2
14	688-42647-00-94	HOLDER, clamp band 1	1	40	92903-06100	WASHER	2
15	688-42649-00-94	HOLDER, clamp band 2	1	41	92903-06600	WASHER	2
16	663-42662-00	DAMPER 1	3	42	90480-09M12	GROMMET	4
17	688-42652-00	HOOK 2	2	43	90387-06M03	COLLAR	4
18	97313-06018	BOLT	4	44	90201-06416	WASHER (6.5 ϕ -26 ϕ -1.6mm)	4
19	92903-06100	WASHER	4	45	92903-06100	WASHER	4
20	92903-06600	WASHER	4	46	97313-06030	BOLT	4
21	90266-06009	RIVET	6	47	688-42741-00-F6	APRON 1	1
22	688-42617-00	DAMPER, form 1	1	48	688-42771-00-F6	APRON 2	1
23	688-42619-00	DAMPER, form 2	2	49	97313-06020	BOLT	2
24	688-42637-00	DAMPER, form 4	1	50	97313-06030	BOLT	2
25	688-42615-00	SEAL	1	51	92903-06100	WASHER	4
				52	670-42783-80	GRAPHIC, side	2

* New parts number

* Not shown

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Fig. 3 C·D·I· MAGNETO

Ref.No.	Parts No.	Description	Q'ty
1	688-85500-11	C.D.I. MAGNETO ASS'Y	1
2	688-85550-11	. ROTOR ASS'Y	1
3	688-85510-10	. BASE ASS'Y	1
4	688-85580-10	. PULSER ASS'Y	1
5	663-85518-00	. JOINT, ball	1
6	90280-05015	KEY, woodruff	1
7	90170-20137	NUT	1
8	90201-21M18	WASHER (21φ-36φ-3.2mm)	1
9	97313-06025	BOLT	3
10	92903-06600	WASHER	3
11	688-41611-00	RETAINER, magneto base 1	1
12	688-41612-00	RETAINER, magneto base 2	3
13	97803-06012	SCREW, panhead	3
14	92903-06100	WASHER	3
15	90464-12M00	CLAMP	1
16	688-81332-01	PLATE, timing	1
17	97803-06010	SCREW, panhead	1
18	92903-06100	WASHER	1
19	92903-06600	WASHER	1

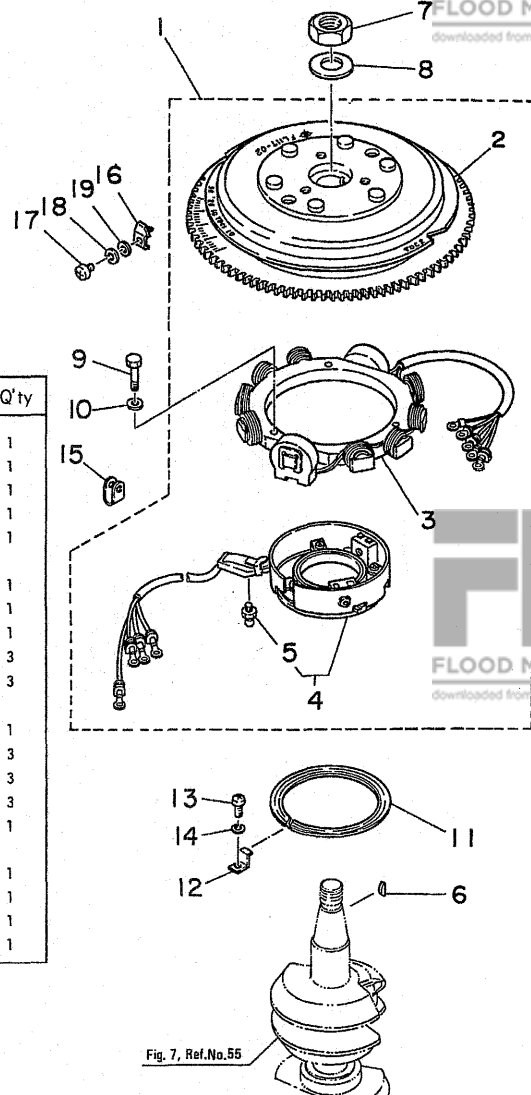
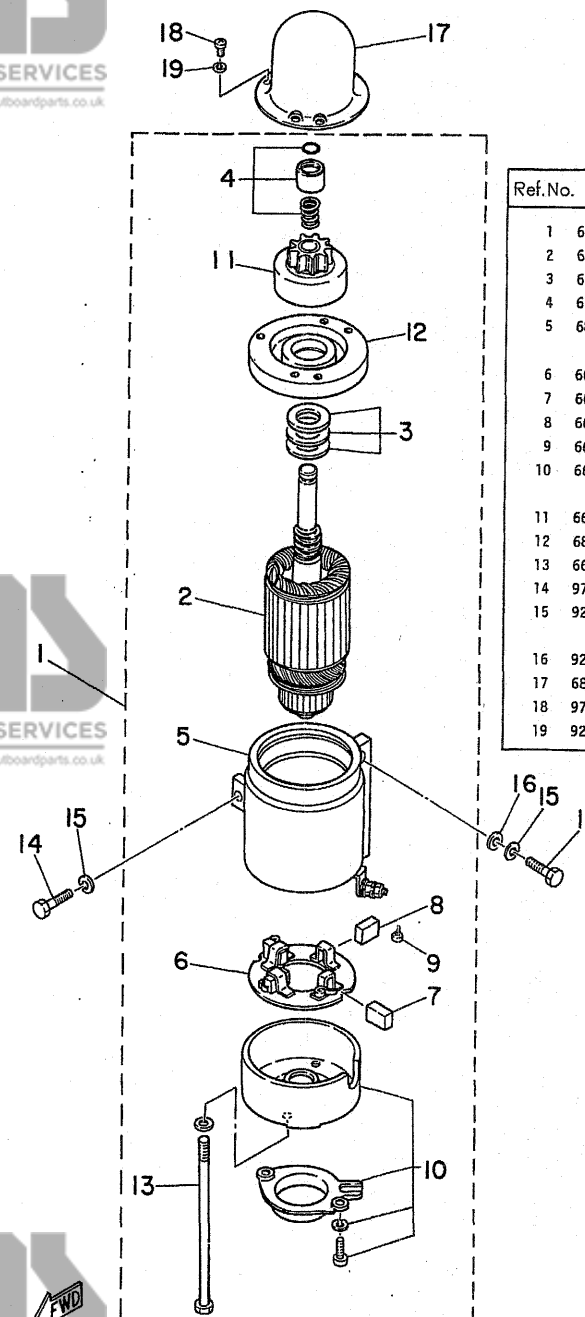


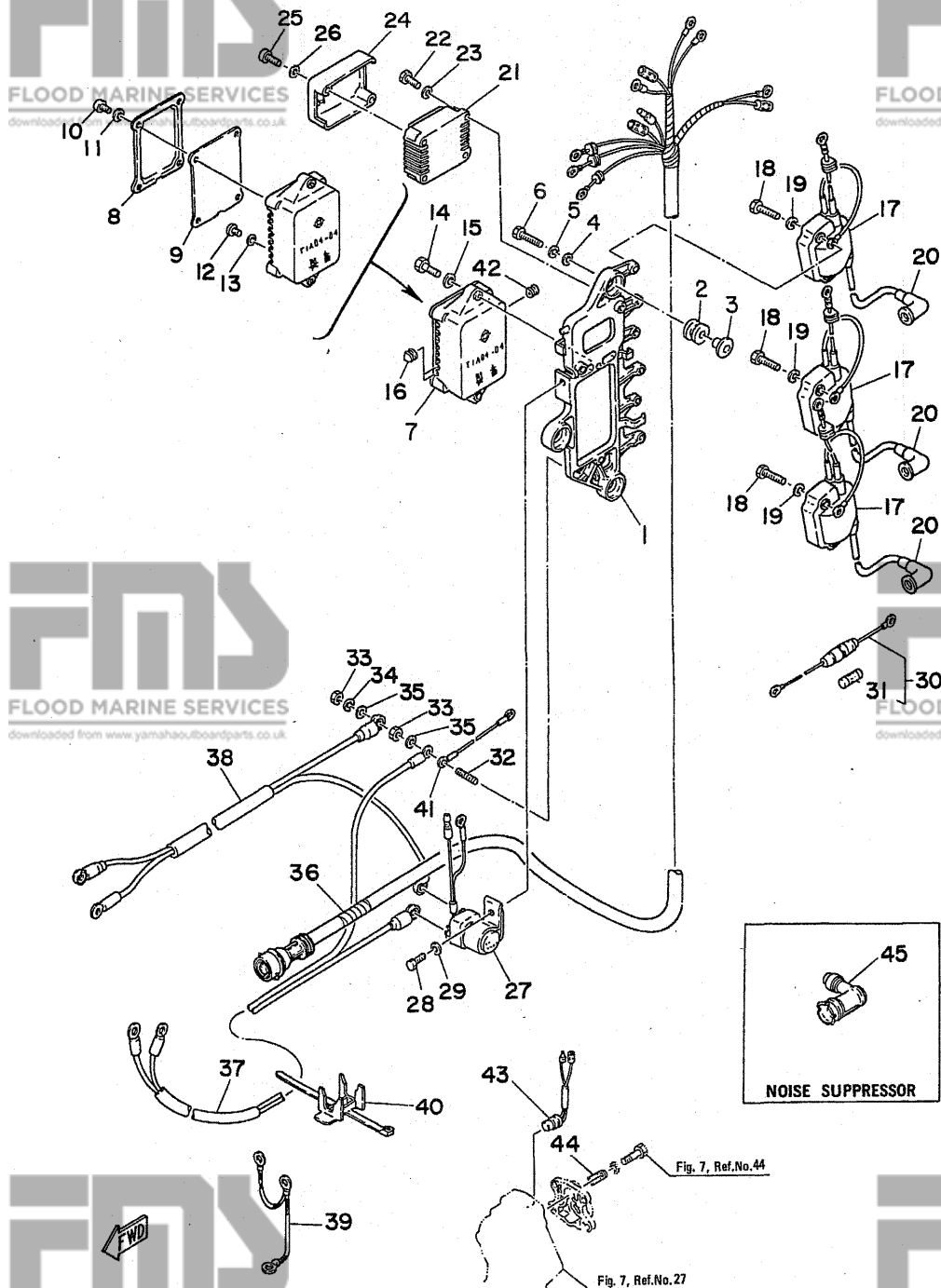
Fig. 4 ELECTRIC STARTER



Ref.No.	Parts No.	Description	Q'ty
1	688-81800-10	ELECTRIC MOTOR ASS'Y	1
2	676-81850-10	. ARMATURE ASS'Y	1
3	676-81809-10	. WASHER KIT	1s
4	676-81857-10	. PINION STOPPER SET	1s
5	688-81810-10	. STATOR ASS'Y	1
6	663-81840-10	. BRUSH HOLDER ASS'Y	1
7	663-81811-11	. BRUSH 1 (+)	2
8	663-81812-11	. BRUSH 2 (-)	2
9	663-81813-10	. SPRING, brush	4
10	663-81820-11	. REAR COVER ASS'Y	1
11	663-81832-11	. GEAR ASS'Y	1
12	688-81830-10	. FRONT COVER ASS'Y	1
13	663-81826-10	. BOLT 1	2
14	97313-08030	BOLT	3
15	92903-08100	WASHER	3
16	92990-08600	WASHER	2
17	688-81842-00	COVER 3	1
18	97803-04010	SCREW, panhead	3
19	92901-04100	WASHER	3

Fig.5 ELECTRIC PARTS

ELECTRIC PARTS



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-85542-02-94	BRACKET	1	25	97803-05025	SCREW, panhead	2
2	90480-15064	GROMMET	3	26	92903-05600	WASHER	2
3	90387-06M03	COLLAR	3	27	688-81940-11	STARTER RELAY ASS'Y	1
4	90201-06416	WASHER (6.5d-26d-1.6mm)	3	28	97395-06016	BOLT	1
5	92903-06100	WASHER	3	29	92903-06600	WASHER	1
6	97313-06030	BOLT	3	30	688-82150-00	FUSE HOLDER ASS'Y	1
7	688-85540-12	C.D.I. UNIT ASS'Y	1	31	663-82151-00	. FUSE (12V-20A)	1
8	688-85537-12	. COVER	1	32	90116-06M07	BOLT, stud	1
9	6E5-85547-10	. DAMPER	1	33	95390-06600	NUT	2
10	97890-05010	. SCREW, panhead	4	34	92990-06100	WASHER	1
11	92990-05200	. WASHER	4	35	92990-06200	WASHER	2
12	98503-04008	. SCREW, panhead	16	36	688-82590-01	WIRE HARNESS ASS'Y	1
13	92990-04200	. WASHER	16	37	688-82105-01	WIRE LEAD ASS'Y	1
14	97395-06025	BOLT	2	38	688-82531-01	WIRE, lead	1
15	92903-06200	WASHER	2	39	697-82519-00	WIRE, earth lead	1
16	90480-06157	GROMMET	2	40	688-82594-00	CLAMP	1
17	697-85570-10	IGNITION COIL ASS'Y	3	41	688-83354-00	WIRE, earth lead	1
18	97313-06030	BOLT	6	42	663-81922-00	GROMMET	1
19	92903-06100	WASHER	6	Δ 43 *	688-82560-10	THERMO-SWITCH ASS'Y	1
20	663-82370-01	PLUG CAP ASS'Y	3	Δ *	688-82560-00	THERMO-SWITCH ASS'Y	1
21	688-81960-60	RECTIFIER & REGULATOR ASS'Y	1	44	688-82588-00	PLATE	1
22	97313-06020	BOLT	2	OPTIONAL PARTS			
23	92903-06600	WASHER	2	45	677-82370-00	PLUG CAP ASS'Y (Noise Suppressor)	3
24	688-81961-00	COVER	1				

Δ 75AE L: 30225E and below
 UL: 700140 and below
 85AE L: 308915 and below
 UL: 700375 and below
 75AE L: 30225E and up
 UL: 700141 and up
 85AE L: 308915 and up
 UL: 700376 and up
 75AET L: 401430 and below
 UL: 750225 and below
 85AET L: 404530 and below
 UL: 750476 and below
 75AET L: 401431 and up
 UL: 750228 and up
 85AET L: 404531 and up
 UL: 750476 and up

* New parts number
 ※ Not shown



NOISE SUPPRESSOR

Fig. 7, Ref.No.44

Fig. 7, Ref.No.27

Fig. 6 INTAKE

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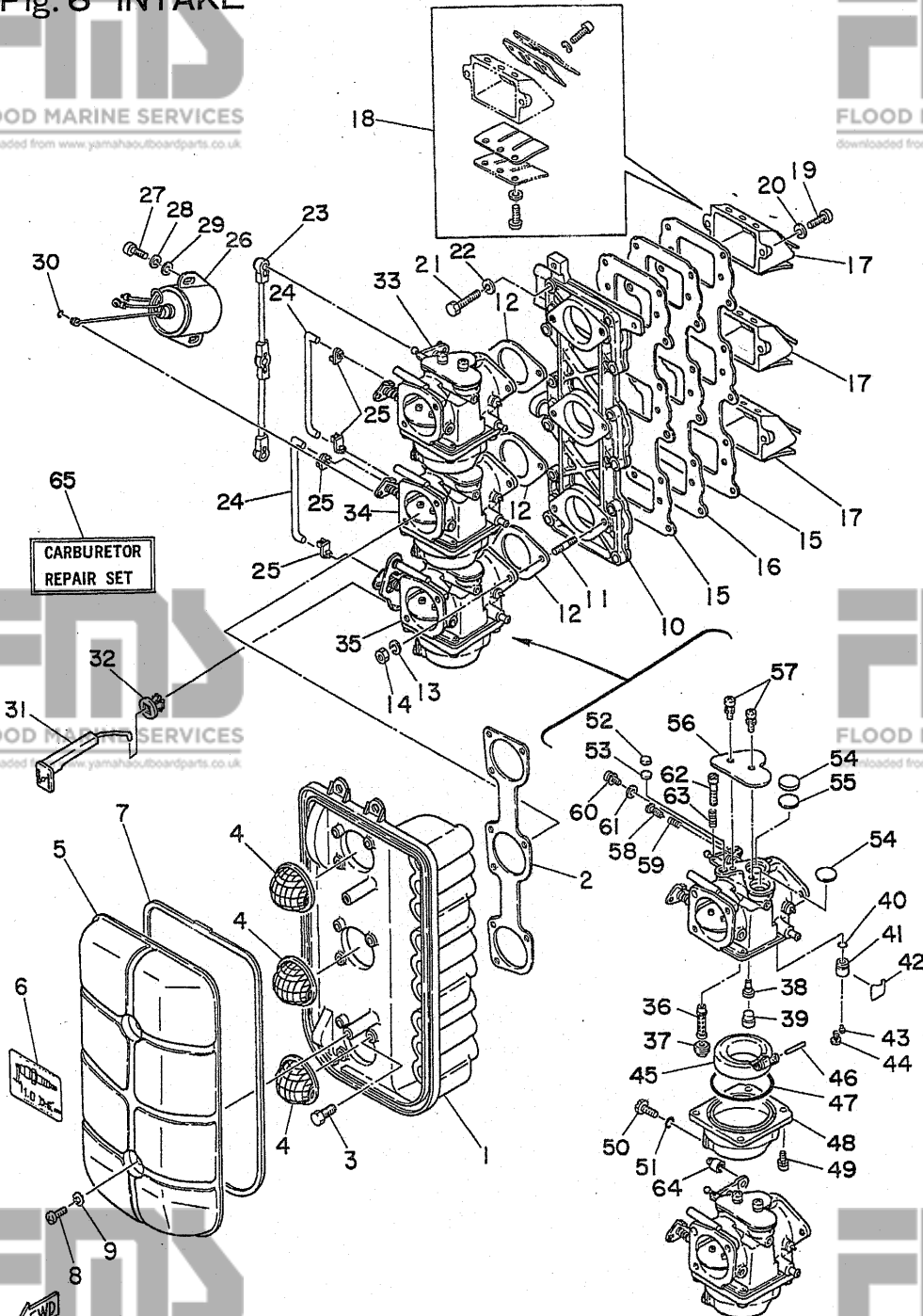
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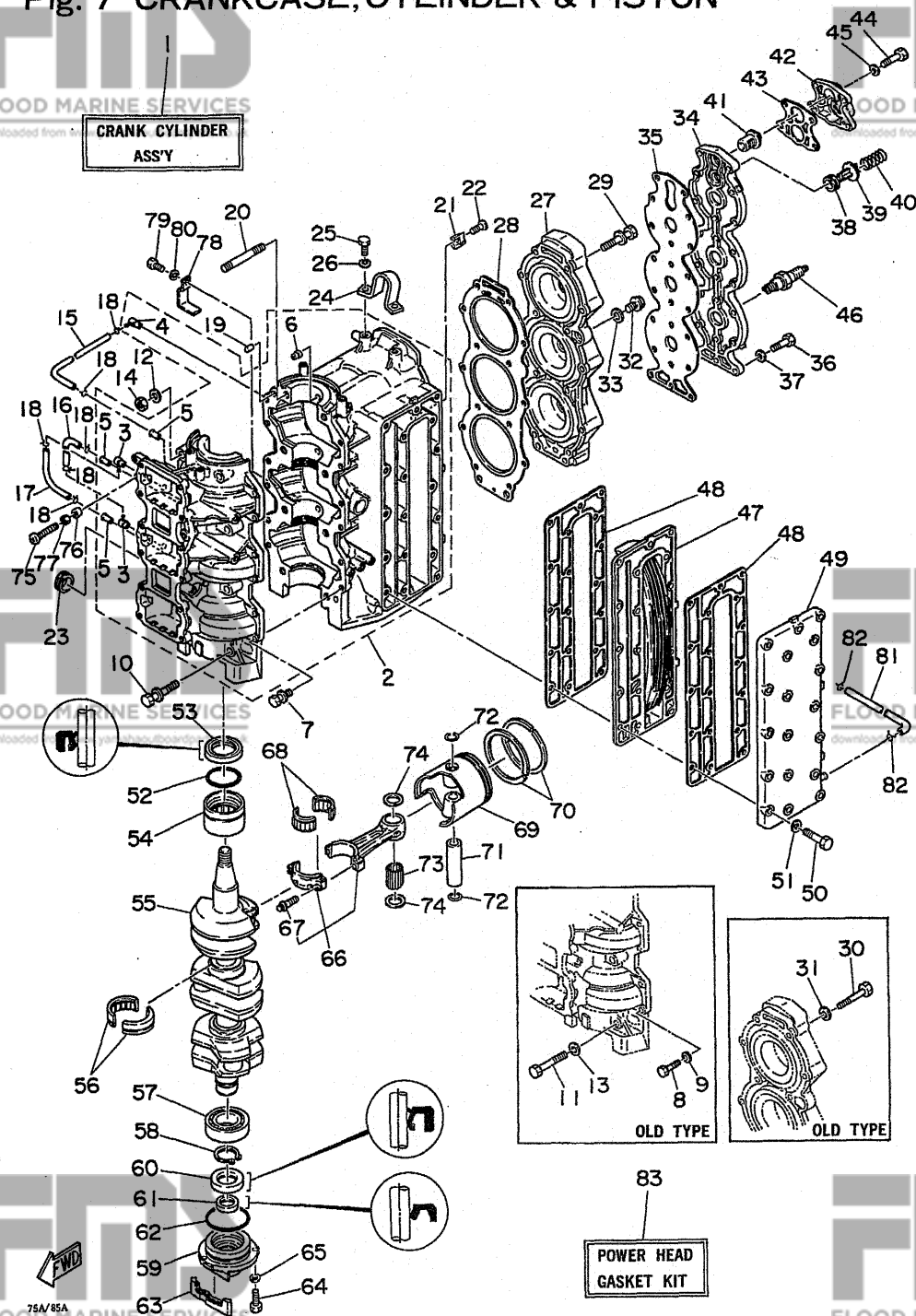
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1	688-14417-00-94	COVER 1	1	35	688-14303-10	CARBURETOR ASS'Y (Lower) (85A Model)	1
2	688-14483-00	GASKET, plate	1	※	692-14303-30	CARBURETOR ASS'Y (Lower) (75A Model)	1
3	97313-06018	BOLT	6	36	688-14947-00	. NOZZLE, main (85A Model)	3
4	688-14481-00	CAP, carburetor	3	※	692-14947-10	. NOZZLE, main (75A Model)	3
5	688-14418-00	COVER 2	1	37	676-14943-40	. JET, main (#165) (85A Model)	3
6	663-83621-00	MARK 1	1	※	676-14943-39	. JET, main (#160) (75A Model)	3
7	688-14416-00	GASKET, air cleaner	1	38	676-14948-18	. JET, slow (#78) (85A Model)	3
8	97803-06016	SCREW, panhead	2	※	676-14948-19	. JET, slow (#80) (75A Model)	3
9	90209-06M05	WASHER, tooth	2	39	676-14966-00	. CAP	3
10	688-13641-00-94	MANIFOLD, intake 1	1	40	93210-04228	. O-RING	3
11	90116-06122	BOLT, stud	6	41	※ 688-14590-01	. VALVE SEAT ASS'Y	3
12	688-14198-00	GASKET	3	※	688-14590-00	. VALVE SEAT ASS'Y	3
13	92903-06100	WASHER	6	42	663-14159-00	. CLIP	3
14	95303-06600	NUT	6	43	676-14186-00	. PIN, valve	3
15	688-13621-00	PACKING, valve seat 1	2	44	688-14592-00	. SCREW, panhead	3
16	688-13624-00	PLATE, reed valve	1	45	676-14985-01	. FLOAT COMP.	3
17	688-13610-00	REED VALVE ASS'Y	3	46	688-14548-00	. PIN, float	3
18	688-W0004-00	. REED SET	3s	47	676-14984-00	. O-RING	3
19	97803-05020	SCREW, panhead	6	48	688-14980-00	. BODY, float chamber	3
20	92903-05100	WASHER	6	49	90159-04M00	. SCREW, with washer	12
21	97313-06030	BOLT	12	50	663-14992-00	. SCREW, drain	3
22	92903-06100	WASHER	12	51	93210-04230	. O-RING	3
23	688-41217-00	ROD, accel. lever	1	52	663-14126-00	. PACKING	3
24	688-41257-00	ROD, choke link 2	2	53	663-14527-00	. PLATE	3
25	661-41262-02	JOINT, choke lever	4	54	688-14126-00	. PACKING	6
26	688-86110-00	SOLENOID COIL ASS'Y	1	55	688-14527-00	. PLATE	3
27	97803-06014	SCREW, panhead	2	56	688-14572-00	. STAY, plate	3
28	92903-06100	WASHER	2	57	90159-05017	. SCREW, with washer	6
29	92903-06200	WASHER	2	58	679-14923-00	. SCREW, adjusting	3
30	93210-03261	O-RING (1.2φ-2.8φ)	1	59	90501-08214	. SPRING, compression	3
31	692-41256-00	ROD, choke link	1	60	663-14592-00	. SCREW (Upper, Lower)	2
32	689-41273-00	GROMMET	1	61	90201-05652	. WASHER (Upper, Lower)	2
33	688-14301-10	CARBURETOR ASS'Y (Upper) (85A Model)	1	62	663-14523-00	. SCREW, stop (Center)	1
※	692-14301-30	CARBURETOR ASS'Y (Upper) (75A Model)	1	63	90501-10326	. SPRING, compression (Center)	1
34	688-14302-10	CARBURETOR ASS'Y (Center) (85A Model)	1	64	676-14578-00	. COLLAR (Center)	1
※	692-14302-30	CARBURETOR ASS'Y (Center) (75A Model)	1	✱ 65	688-W0093-00	CARBURETOR REPAIR SET	1s

* New parts number

※ Not shown

✱ See Fig. 26 for detail service parts.

Fig. 7 CRANKCASE, CYLINDER & PISTON



CRANKCASE, CYLINDER & PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-W0090-80	CRANK CYLINDER ASS'Y (Ref.No. 2 to 74)	1	49	688-41113-00-9M	OUTER COVER, exhaust	1
2	688-15100-02-94	CRANKCASE ASS'Y	1	50	97313-08040	BOLT	18
3	688-11370-00	CHECK VALVE ASS'Y	2	51	92903-08600	WASHER	18
4	650-11370-00	CHECK VALVE ASS'Y	1	52	93210-46M16	O-RING (2.5d-46d)	1
5	624-14485-00	PIPE, joint	3	53	93102-36M02	OIL SEAL (SA-36d-46d-6mm)	1
6	663-11518-01	LOCK, bearing	3	54	93310-636U4	BEARING, needle	1
7	90119-06M12	BOLT, with washer	12	55	688-11411-00	CRANK SHAFT	1
8	97313-06025	BOLT	12	56	93310-835U8	BEARING, needle	2
9	90201-06043	WASHER (6.4d-12.5d-2.0mm)	12	57	93306-206U5	BEARING (86206)	1
10	90119-10M07	BOLT, with washer	6	58	93306-206U1	BEARING (86206)	1
11	97313-10055	BOLT	6	59	93410-32M00	CIRCLIP (S-32d)	1
12	90201-10430	WASHER (10.5d-18d-2.3mm)	2	60	688-15359-00-94	HOUSING, oil seal	1
13	90201-10430	WASHER (10.5d-18d-2.3mm)	8	61	93102-30M05	OIL SEAL (SD-30d-47d-7mm)	1
14	95313-10600	NUT	2	62	93104-20M02	OIL SEAL (SO-20d-32d-5mm)	1
15	90445-07260	HOSE (2.5d-7d-276mm)	1	63	93210-62269	O-RING (2.4d-61.5d)	1
16	90445-07M00	HOSE (2.5d-7d-100mm)	1	64	688-15379-00	SEAL, crankcase	1
17	90445-07M23	HOSE (2.5d-7d-180mm)	1	65	97395-06020	BOLT	3
18	90467-06016	CLIP	6	66	92990-06600	WASHER	3
19	93608-12063	PIN, dowel 8 (8d-12mm)	2	67	688-11650-03	CONNECTING ROD ASS'Y	3
20	90116-10M06	BOLT, stud	2	68	688-11650-02	CONNECTING ROD ASS'Y	3
21	688-11325-00	ANODE	2	69	90109-08462	BOLT	6
22	98680-04016	SCREW, ovalhead	2	70	93310-730V8	BEARING, needle	3
23	90480-24M04	GROMMET	1	71	93310-730V4	BEARING, needle	3
24	688-11119-00	HANGER, engine	1	72	688-11631-81-96	PISTON (Standard)	3
25	97313-08020	BOLT	2	73	688-11631-80-96	PISTON (Standard)	3
26	92903-08100	WASHER	2	74	688-11365-81	PISTON (Over Size 82.25mm)	3
27	688-11111-00-94	HEAD, cylinder	1	75	688-11635-80	PISTON (Over Size 82.25mm)	3
28	688-11181-01	GASKET, cylinder head	1	76	688-11635-81	PISTON (Over Size 82.50mm)	3
29	90119-08M12	BOLT, with washer	14	77	688-11636-80	PISTON (Over Size 82.50mm)	3
30	97313-08060	BOLT	14	78	688-11610-01	PISTON RING SET (Standard)	3s
31	648-11175-00	WASHER, holding 1	14	79	688-11610-11	PISTON RING SET (Over Size 82.25mm)	3s
32	90340-14M00	PLUG, straight screw	1	80	688-11610-21	PISTON RING SET (Over Size 82.50mm)	3s
33	90430-14115	GASKET	1	81	663-11633-00	PIN, piston	3
34	688-11191-00-9M	COVER, cylinder head	1	82	688-11634-10	CLIP, piston pin	6
35	688-11193-00	GASKET, head cover	1	83	688-11634-00	CLIP, piston pin	6
36	97313-06025	BOLT	18	84	93603-21111	BEARING, small end	84
37	92903-06600	WASHER	18	85	90201-20417	WASHER (20.4d-24.4d-1.4mm)	6
38	90480-20M05	GROMMET	1	86	90157-06014	SCREW	1
39	688-12416-00	VALVE, pressure control	1	87	688-44194-00	CAP	1
40	90501-16M11	SPRING, compression	1	88	95303-06700	NUT	1
41	688-12411-00	THERMOSTAT	1	89	90465-12M03	CLAMP, cord	1
42	688-12413-00-9M	COVER, thermostat	1	90	97313-06010	BOLT	1
43	688-12414-00	GASKET, cover	1	91	92903-06100	WASHER	1
44	97313-06035	BOLT	4	92	663-24312-01	HOSE 2	1
45	92903-06600	WASHER	4	93	90467-08004	CLIP	2
46	94701-00160	PLUG, spark (B-8HS 10) NGK	3	94	688-W0001-00	POWER HEAD GASKET KIT	1s
47	688-11111-00-9M	INNER COVER, exhaust	1				
48	688-41112-00	GASKET, exhaust inner cover	2				

75AE L: 302520 and below
UL: 700195 and below
85AE L: 307655 and below
UL: 700405 and below

75AE L: 401780 and below
UL: 501780 and below
85AE L: 405890 and below
UL: 750865 and below

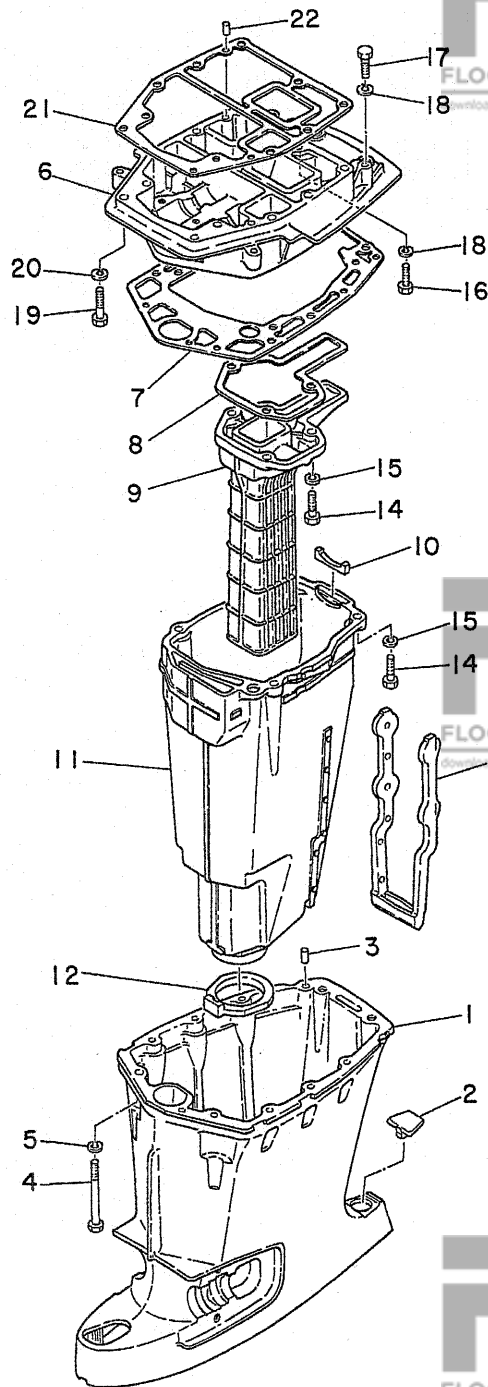
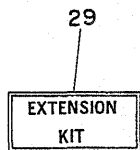
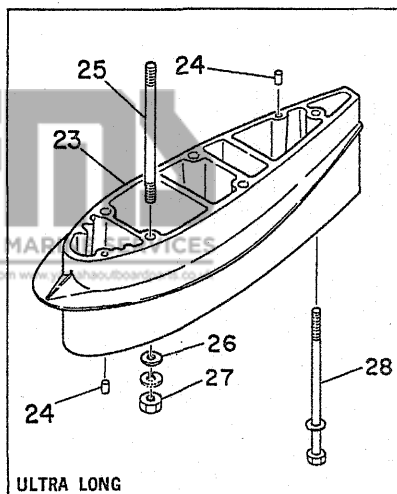
* New parts number

※ Not shown

■ See. Fig 26 for detail service parts.

Fig. 8 UPPER CASING

UPPER CASING



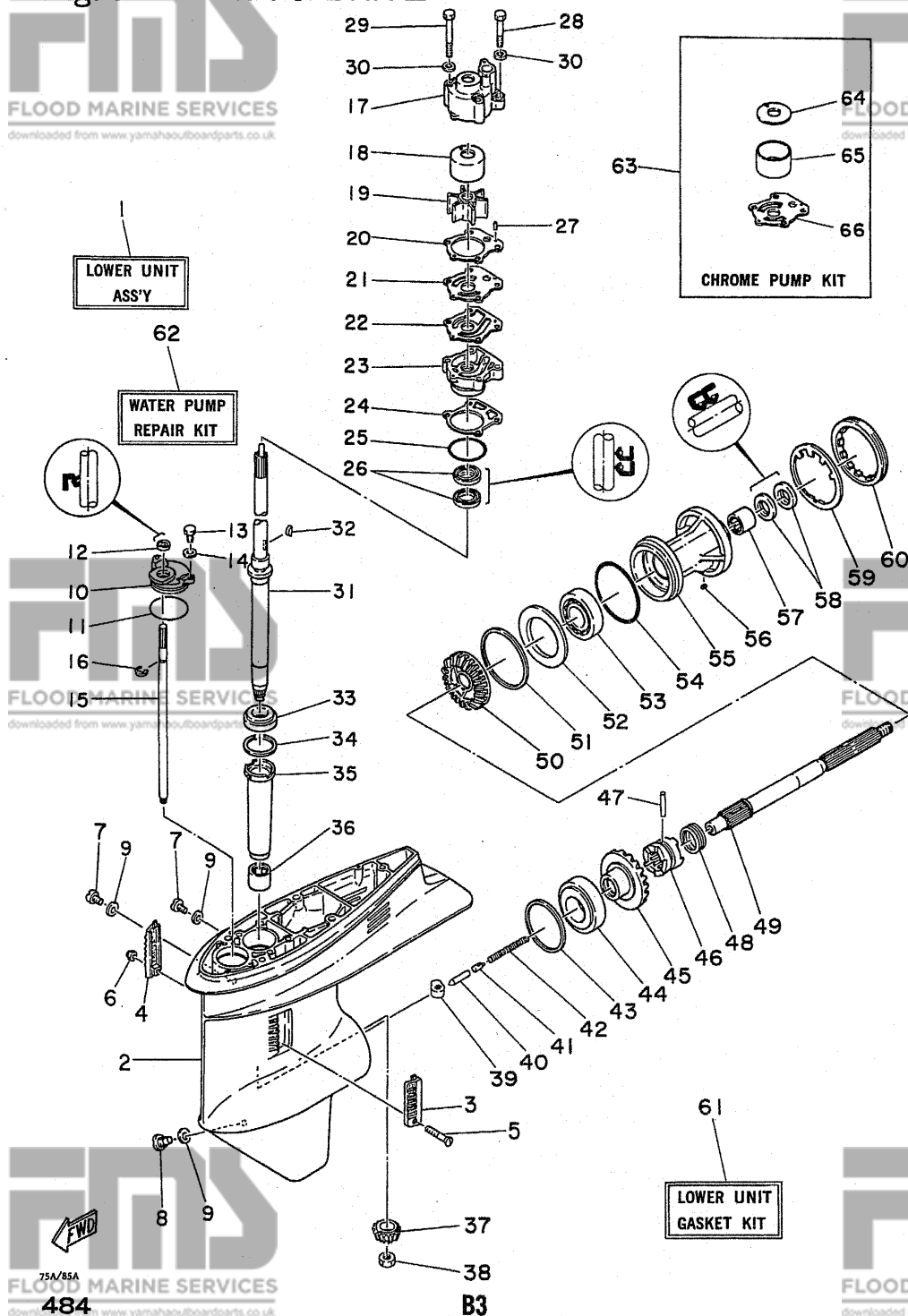
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-45111-01-F6	CASING, upper	1	16	97375-08025	BOLT	1
2	663-45155-10	CAP	1	17	97375-08030	BOLT	2
3	93606-12019	PIN, dowel B (6d-12mm)	2	18	92990-08100	WASHER	3
4	90101-08M50	BOLT	8	19	97375-08035	BOLT	2
5	92990-08100	WASHER	8	20	92990-08100	WASHER	2
6	688-41137-00-94	GUIDE, exhaust	1	21	688-45113-00	GASKET, upper casing 1	1
7	688-45114-00	GASKET, upper casing 2	1	22	93606-12019	PIN, dowel B (6d-12mm)	2
8	688-41134-00	GASKET, exhaust manifold 2	1			ULTRA LONG	
9	688-41131-00-9M	MANIFOLD, exhaust (85A Model)	1	23	688-45211-00-F6	EXTENSION (127mm)	1
※	692-41131-00-9M	MANIFOLD, exhaust (75A Model)	1	24	93606-12019	PIN, dowel B (6d-12mm)	4
10	688-41133-00	GASKET, exhaust manifold 1	1	25	90116-10M05	BOLT, stud	4
11	688-14711-00-9M	MUFFLER	1	26	92990-10600	WASHER	4
12	688-45123-00	GASKET, muffler	1	27	95380-10600	NUT	4
13	663-14737-10	DAMPER, muffler 1	1	28	90119-08M06	BOLT	1
14	97375-08030	BOLT	7	● 29	688-W0072-00	EXTENSION KIT (Ultra Long)	1
15	92990-08100	WASHER	7				

※ Not shown

● See Fig. 26 for detail service parts.

Fig. 9 LOWER & DRIVE I

LOWER & DRIVE I

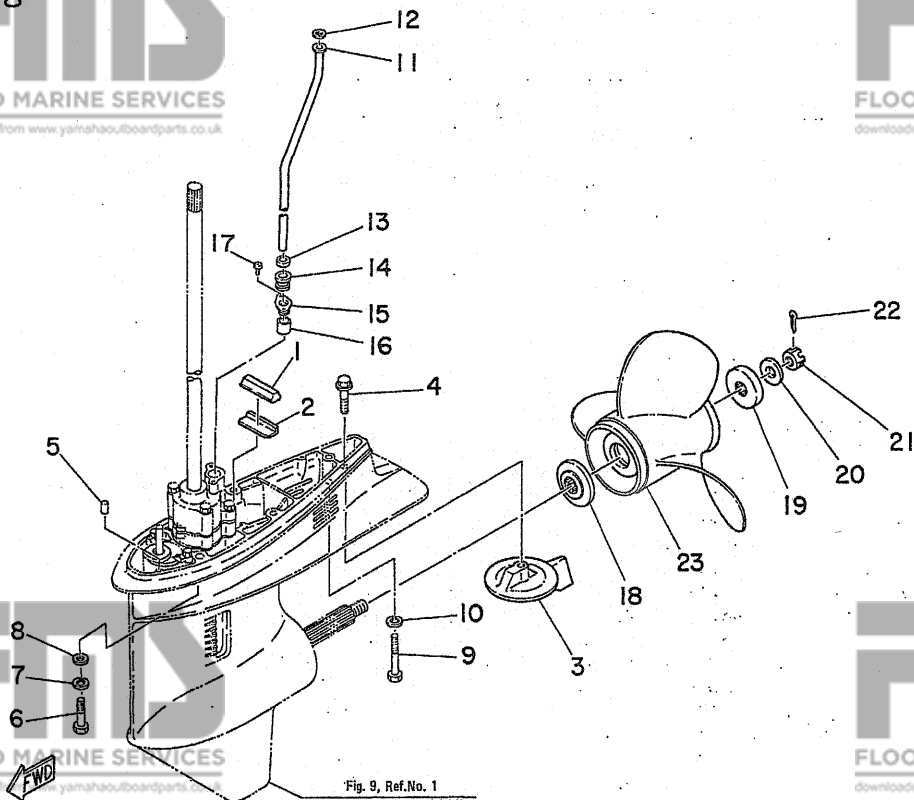


Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	692-45300-11-F6	LOWER UNIT ASS'Y (Long) (Ref. No. 2 to 60)	1	35	688-45536-01	SLEEVE, drive shaft	1
※	692-45300-21-F6	LOWER UNIT ASS'Y (Ultra Long) (Ref. No. 2 to 60)	1	36	93315-325V1	BEARING, needle	1
2	688-45311-01-F6	CASING, lower	1	37	688-45551-00	PINION (13T)	1
3	688-45214-01	COVER, water inlet 1	1	38	90170-16M01	NUT	1
4	688-45215-01	COVER, water inlet 2	1	39	663-44151-00	CAM, shift	1
5	98180-05045	SCREW	1	40	688-45635-00	PLUNGER, shift	1
6	90185-05002	NUT, self-locking	1	41	688-45634-00	SLIDE, shift	1
7	90340-08014	PLUG, straight screw	2	42	90501-16233	SPRING, compression	1
8	90340-08M02	PLUG, straight screw	1	43	688-45567-00-05	SHIM 1 (72 ϕ -79 ϕ -0.05mm)	} U.R.
9	90430-08020	GASKET	3	688-45567-00-08	SHIM 1 (72 ϕ -79 ϕ -0.08mm)		
10	688-45321-00	PLATE	1	688-45567-00-15	SHIM 1 (72 ϕ -79 ϕ -0.15mm)		
11	93210-49046	O-RING (3.1 ϕ -49.4 ϕ)	1	688-45567-00-30	SHIM 1 (72 ϕ -79 ϕ -0.30mm)		
12	93106-09014	OIL SEAL (DD-9 ϕ -19 ϕ -5mm)	1	688-45567-00-50	SHIM 1 (72 ϕ -79 ϕ -0.50mm)		
13	97395-06016	BOLT	2	44	93332-000U5	BEARING, taper roller	1
14	92990-06600	WASHER	2	45	688-45560-00	GEAR 1 ASS'Y (26T)	1
15	663-44144-01	ROD, shift 2	1	46	688-45631-01	CLUTCH, dog	1
16	93430-08006	CIRCLIP (E-8 ϕ)	1	47	90250-07M02	PIN, straight	1
17	688-44311-01	HOUSING, water pump 1	1	48	688-45633-00	RING, cross pin	1
18	688-44322-00	INSERT, cartridge	1	49	688-45611-00	SHAFT, propeller	1
19	688-44352-03	IMPELLER	1	50	688-45571-01	GEAR 2 (26T)	1
20	688-44315-00	GASKET, water pump 1	1	51	688-45577-00-05	SHIM 2 (88 ϕ -93.5 ϕ -0.05mm)	} U.R.
21	688-44323-00	OUTER PLATE, cartridge	1	688-45577-00-08	SHIM 2 (88 ϕ -93.5 ϕ -0.08mm)		
22	688-44324-00	GASKET, outer plate	1	688-45577-00-12	SHIM 2 (88 ϕ -93.5 ϕ -0.12mm)		
23	688-44341-00-94	HOUSING, water pump 2	1	688-45577-00-30	SHIM 2 (88 ϕ -93.5 ϕ -0.30mm)		
24	688-44316-00	GASKET, water pump 2	1	688-45577-00-50	SHIM 2 (88 ϕ -93.5 ϕ -0.50mm)		
25	93210-46044	O-RING (3 ϕ -46.2 ϕ)	1	52	688-45576-00	WASHER, thrust 2	1
26	93101-25M03	OIL SEAL (S-25 ϕ -40 ϕ -6mm)	2	53	93306-207U0	BEARING (B6207)	1
27	93604-10M03	PIN, dowel B (4 ϕ -10mm)	2	54	93210-85M15	O-RING (5.5 ϕ -84.2 ϕ)	1
28	97395-08050	BOLT	2	55	688-45571-00-94	HOUSING, bearing 1	1
29	97395-08070	BOLT	2	56	90282-04010	KEY, straight	1
30	90209-08M02	WASHER	4	57	93317-325U0	BEARING, needle	1
31	688-45501-10	DRIVE SHAFT COMP. (Long 812.5mm)	1	58	93101-25M03	OIL SEAL (S-25 ϕ -40 ϕ -6mm)	2
※	688-45501-21	DRIVE SHAFT COMP. (Ultra Long 939.5mm)	1	59	688-45383-01	WASHER, claw	1
32	90280-04M04	KEY, woodruff	1	60	688-45384-00	NUT	1
33	93332-000U3	BEARING, taper roller	1	▲ 61	688-W0001-20	LOWER UNIT GASKET KIT	1s
34	688-45587-00-05	SHIM 3 (44 ϕ -49.8 ϕ -0.05mm)	} U.R.	★ 62	692-W0078-00	WATER PUMP REPAIR KIT	1s
688-45587-00-08	SHIM 3 (44 ϕ -49.8 ϕ -0.08mm)	CHROME PUMP KIT					
688-45587-00-12	SHIM 3 (44 ϕ -49.8 ϕ -0.12mm)	63		688-W0078-1A	CHROME PUMP KIT	1s	
688-45587-00-30	SHIM 3 (44 ϕ -49.8 ϕ -0.30mm)	64		688-44321-41	. INNER PLATE, cartridge	1	
688-45587-00-50	SHIM 3 (44 ϕ -49.8 ϕ -0.50mm)	65		688-44322-41	. INSERT, cartridge	1	
				66	688-44323-40	. OUTER PLATE, cartridge	1

* Not shown

★ See Fig. 26 for detail service parts.

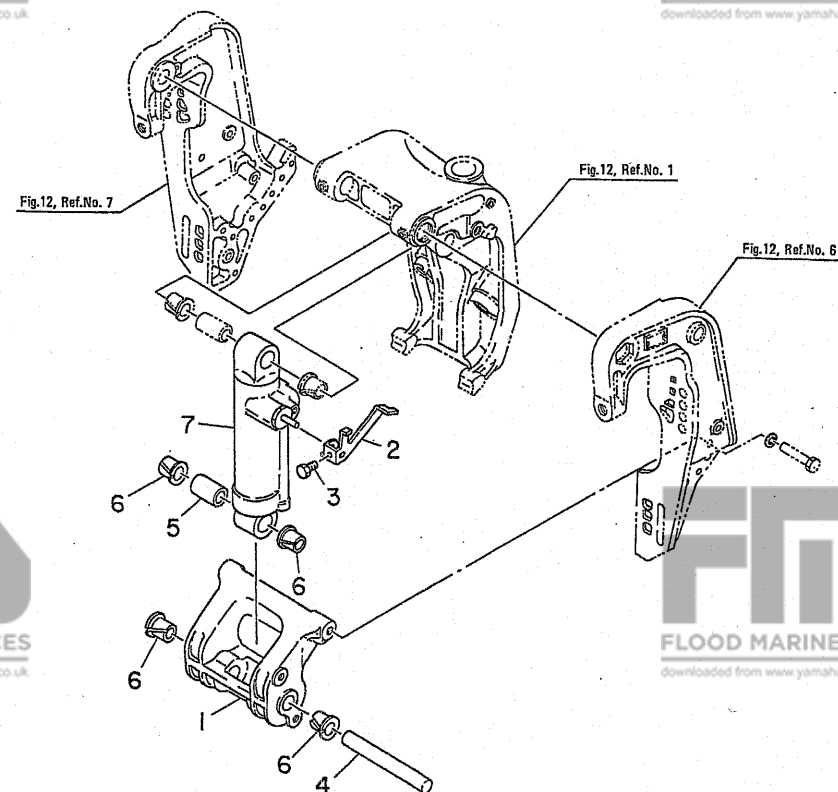
Fig. 10 LOWER & DRIVE 2

Fig. 9, Ref. No. 1
LOWER UNIT ASS'Y

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-45375-00	DAMPER, seal 2	1	20	90201-17M25	WASHER (17 ϕ -34 ϕ -5mm)	1
2	663-45376-00-94	GUIDE, seal damper	1	21	90171-16011	NUT, castle	1
3	688-45371-01	TRIM, tab	1	22	* 91490-40025	PIN, cotter	1
4	90105-10M00	BOLT	1	※	91490-30025	PIN, cotter	1
5	93606-12019	PIN, dowel B (6 ϕ -12mm)	2	23	688-45941-00-36	PROPELLER ASS'Y 1 (3X13"X19"-K)	1
6	97375-10040	BOLT	4		688-45943-00-36	PROPELLER ASS'Y 2 (3X13"X21"-K)	
7	92990-10100	WASHER	4		688-45945-00-36	PROPELLER ASS'Y 3 (3X13 $\frac{1}{2}$ "X17"-K)	
8	92990-10600	WASHER	4		688-45947-00-36	PROPELLER ASS'Y 4 (3X13 $\frac{1}{2}$ "X15"-K)	
9	97395-08060	BOLT	1		688-45949-00-36	PROPELLER ASS'Y 5 (3X14"X14"-K)	
10	92990-08100	WASHER	1		688-45952-00-36	PROPELLER ASS'Y 6 (3X12 $\frac{1}{2}$ "X23"-K)	
11	688-44361-10	TUBE, water (Long 392mm)	1		688-45954-00-36	PROPELLER ASS'Y 7 (3X14"X11"-K)	
※	688-44361-20	TUBE, water (Ultra Long 519mm)	1		STAINLESS STEEL PROPELLER		U.R.
12	90202-12060	WASHER (12 ϕ -18.5 ϕ -2mm)	1		688-45970-01-98	PROPELLER ASS'Y 20 (3X13 $\frac{1}{2}$ "X19"-K)	
13	90430-12072	GASKET	1		688-45972-01-98	PROPELLER ASS'Y 21 (3X12 $\frac{1}{2}$ "X21"-K)	
14	663-44367-00	WATER SEAL 3	1		688-45974-01-98	PROPELLER ASS'Y 22 (3X13"X23"-K)	
15	90480-19M06	GROMMET	1		688-45976-01-98	PROPELLER ASS'Y 23 (3X12 $\frac{1}{2}$ "X25"-K)	
16	663-44366-00	WATER SEAL 2	1		688-45978-60-98	PROPELLER ASS'Y 24 (3X13 $\frac{1}{2}$ "X16"-K)	
17	97780-40512	SCREW, panhead tapping	2		688-45930-60-98	PROPELLER ASS'Y 25 (3X13 $\frac{1}{2}$ "X17"-K)	
18	688-45987-00	SPACER 1	1		688-45932-60-98	PROPELLER ASS'Y 26 (3X13 $\frac{1}{2}$ "X14"-K)	
19	688-45997-00	SPACER 2	1				

* New parts number
※ Not shown

Fig. 11 BRACKET 1

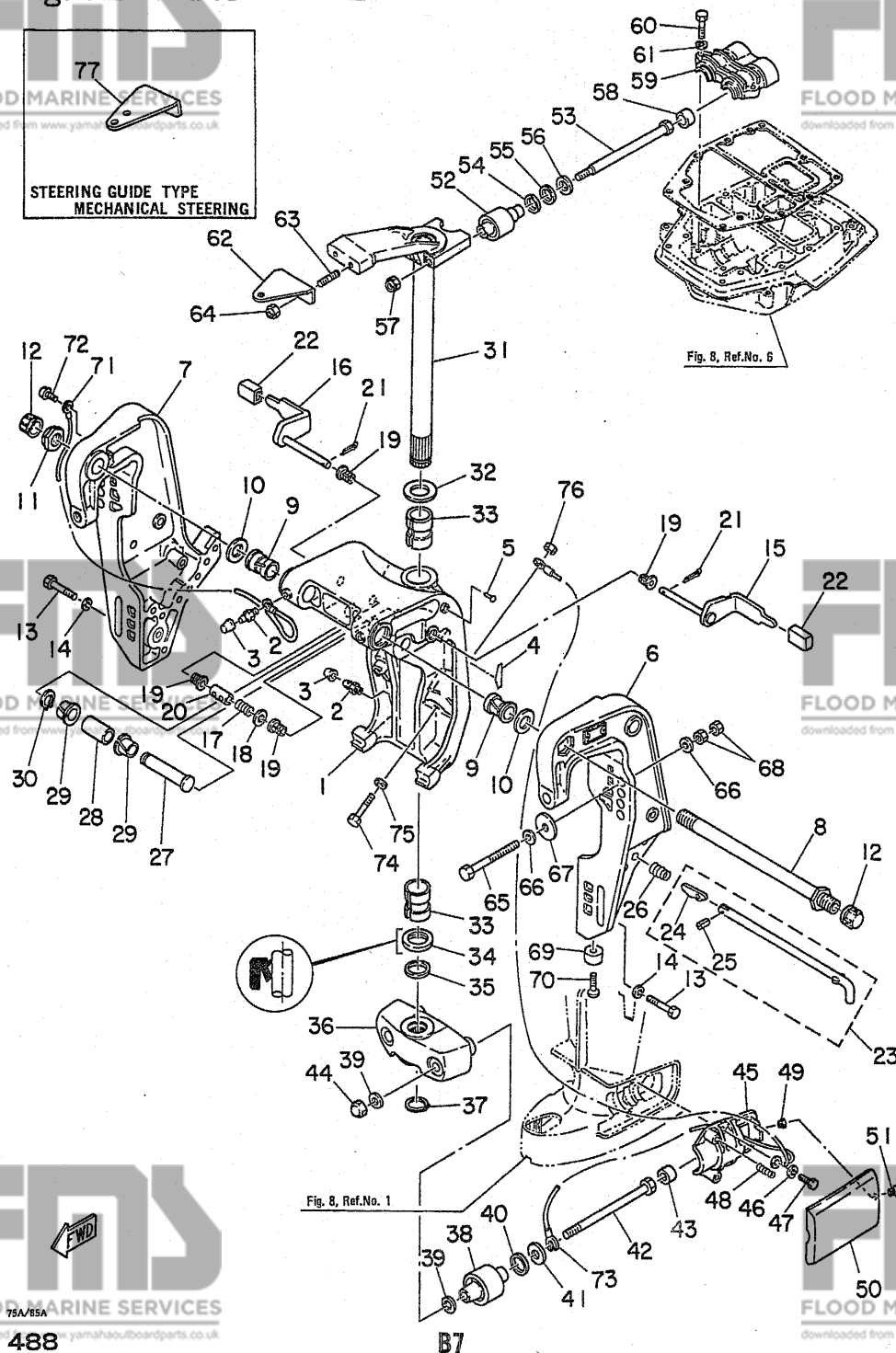


Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-43128-01-F6	SPACER, clamp bracket	1	5	90386-18M21	BUSHING	1
2	688-43631-00	LEVER, tilt 1	1	6	90386-18M35	BUSHING	4
3	97380-06010	BOLT	1	7	* 688-43170-03-F6	SHOCK ABSORBER ASS'Y	1
4	688-43124-01	PIN, lower shock mount	1	※	688-43170-02-F6	SHOCK ABSORBER ASS'Y	1

* New parts number
※ Not shown

Fig. 12 BRACKET 2

BRACKET 2

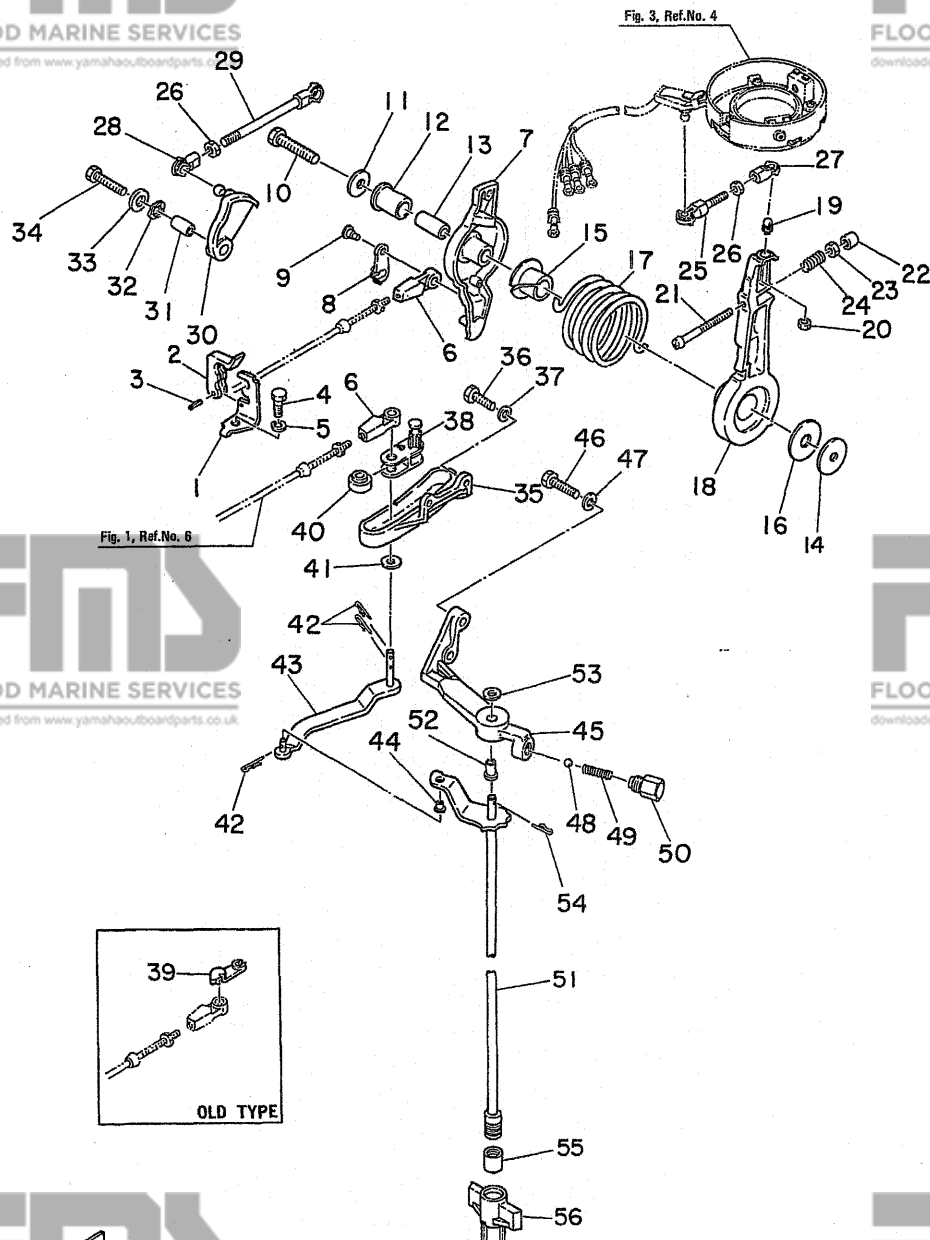


Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-43311-10-F6	BRACKET, swivel 1	1	41	90201-13M19	WASHER (13φ-34φ-4mm)	2
2	93700-06004	NIPPLE, grease	3	42	90109-12261	BOLT	2
3	663-44519-00	CAP, grease nipple	3	43	663-44575-00	DAMPER, lower mount 1	2
4	688-43691-00	INDICATOR, tilt 1	1	44	95380-12800	NUT, crown	2
5	90269-03010	RIVET	1	45	687-44552-00-94	HOUSING, lower mount	2
6	688-43111-10-F6	BRACKET, clamp 1	1	46	92990-08100	WASHER	4
7	688-43112-10-F6	BRACKET, clamp 2	1	47	97375-08025	BOLT	4
8	688-43131-02	BOLT, clamp bracket	1	48	90501-14236	SPRING, compression	4
9	90386-22M15	BUSHING	2	49	90179-06066	NUT	2
10	90201-22M67	WASHER (22.5φ-42φ-0.5mm)	2	50	663-44553-00-F6	COVER, lower mount	2
11	90185-22043	NUT, self-locking	1	51	92380-06015	SCREW, cylinderhead	2
12	663-43145-00	CAP, clamp bracket	2	52	688-44514-00-94	MOUNT DAMPER, upper side	2
13	97395-10045	BOLT	6	53	90101-10M49	BOLT	2
14	92990-10100	WASHER	6	54	90201-20M21	WASHER (21φ-28φ-3mm)	2
15	688-43181-02	LEVER, tilt stop 1	1	55	90202-20M06	WASHER (21φ-30φ-4.9mm)	2
16	688-43185-02	LEVER, tilt stop 2	1	56	90201-11M22	WASHER (11.2φ-28φ-3mm)	2
17	90501-10M21	SPRING, compression	1	57	90185-10051	NUT, self-locking	2
18	92990-10200	WASHER	1	58	663-44575-00	DAMPER, lower mount 1	2
19	90386-10M16	BUSHING	4	59	688-44511-00-94	COVER, upper mount	1
20	90387-10M38	COLLAR	1	60	97375-08035	BOLT	3
21	91490-30025	PIN, cotter	2	61	92990-08100	WASHER	3
22	663-43318-00	COVER	2	62	688-48511-00-F6	HOOK, steering	1
23	688-43160-01	TILT ROD ASS'Y	1	63	90116-10175	BOLT, stud	2
24	688-43165-00	STOPPER, plate	1	64	90185-10051	NUT, self-locking	2
25	91690-30012	PIN, spring	1	65	90101-12M65	BOLT	4
26	90502-16M02	SPRING, conical	1	66	92990-12200	WASHER	8
27	6E5-43126-00	PIN, upper shock mount	1	67	90201-12426	WASHER (12.5φ-38φ-3mm)	4
28	90386-18M21	BUSHING	1	68	95380-12600	NUT	8
29	90386-18M35	BUSHING	2	69	688-45251-01	ANODE	1
30	93410-18M02	CIRCLIP	1	70	92180-06025	SCREW, ovalhead	1
31	688-42510-00-F6	BRACKET STEERING ASS'Y	1	71	688-82148-00	WIRE, lead 5	1
32	90201-30420	WASHER (30.5φ-50φ-2mm)	1	72	97890-06012	SCREW, panhead	1
33	90386-30048	BUSHING	2	73	688-82127-01	WIRE, lead 2	1
34	93109-30M03	OIL SEAL (SDO-30φ-40φ-6mm)	1	74	97375-08035	BOLT	1
35	90201-31418	WASHER (31φ-46φ-2mm)	1	75	92990-08400	WASHER, tooth	1
36	663-44551-01-F6	HOUSING, lower mount	1	76	95380-08600	NUT	1
37	93410-28M01	CIRCLIP (S-28φ)	1	STEERING GUIDE TYPE MECHANICAL STEERING			
38	688-44555-00-94	MOUNT DAMPER, lower side	2	77	688-48511-50-F6	HOOK, steering	1
39	90201-12M16	WASHER (12.8φ-22.5φ-3mm)	4				
40	90202-25M04	WASHER (25φ-35φ-4.9mm)	2				

Fig. 13 CONTROL

FLOOD MARINE SERVICES

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FMS

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CONTROL

FLOOD MARINE SERVICES

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Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	663-48531-00	BRACKET, remote control 1	1	31	90387-06M17	COLLAR (6.8φ-10φ-20mm)	1
2	663-48538-00	CLAMP, cable 1	1	32	90206-10M04	WASHER (10.5φ-18φ-0.3mm)	1
3	91690-30012	PIN, spring	1	33	90201-06068	WASHER (6.5φ-20φ-2.0mm)	1
4	97313-08016	BOLT	1	34	97313-06035	BOLT	1
5	92903-08100	WASHER	1	35	688-44117-00-94	BRACKET 1	1
6	663-48344-00	CABLE END, remote control	2	36	97313-06020	BOLT	2
7	688-41632-00-94	LEVER, magneto control 2	1	37	92903-06600	WASHER	2
8	688-44171-00	LOCK LEVER	1	38	688-44124-00	LINK, shift rod	1
9	90249-05125	PIN	1	39	688-44171-00	LOCK, lever	1 B
10	97313-08045	BOLT	1	40	688-44122-00	BUSHING, shift rod lever	1
11	90201-08M23	WASHER (8.2φ-26φ-1.6mm)	1	41	90202-07M07	WASHER (7.5φ-16φ-1mm)	1
12	90386-12089	BUSHING	1	42	90468-18008	PIN, hair	3 B
13	90387-08M16	COLLAR (8.8φ-12φ-29.8mm)	1	43	90468-18008	PIN, hair	2 B
14	90201-08M13	WASHER (8.2φ-33φ-2.5mm)	1	44	688-44121-01	LEVER, shift rod 1	1
15	90386-22M13	BUSHING	1	45	90386-06M12	BUSHING	1
16	90202-12092	WASHER (12.5φ-36φ-1mm)	1	46	688-44118-00-94	BRACKET 2	1
17	90508-29M05	SPRING, torsion	1	47	97313-08030	BOLT	2
18	688-41631-00-94	LEVER, magneto control 1	1	48	92903-08100	WASHER	2
19	663-85518-00	JOINT, ball	1	49	93501-04M02	BALL (1/4")	1
20	95303-05700	NUT	1	50	90501-12082	SPRING, compression	1
21	90157-06013	SCREW	1	51	648-42715-00	BUSHING	1
22	688-44194-00	CAP	1	52	688-44120-11	HANDLE GEAR SHIFT ASS'Y (Long 533.8mm)	1
23	95303-06600	NUT	1	53	688-44120-21	HANDLE GEAR SHIFT ASS'Y (Ultra Long 660.8mm)	1
24	90501-16M12	SPRING, compression	1	54	90386-08006	BUSHING	1
25	682-41238-00	JOINT, link 1	1	55	92990-08200	WASHER	1
26	95303-05600	NUT	2	56	90468-18008	PIN, hair	1
27	682-41237-00	JOINT, link 2	1	57	696-44147-00	BOOT, shift rod	1
28	662-41237-01	JOINT, link 2	1	58	697-43662-00	GUIDE, reverse rod	1
29	688-41211-01	LINK, accel.	1				
30	688-41213-00	CAM, accel.	1				

75AE L: 302520 and below
UL: 700155 and below
85AE L: 307655 and below
UL: 700405 and below

75AE L: 302521 and up
UL: 700156 and up
85AE L: 307656 and up
UL: 700406 and up

75AE L: 302171 and up
UL: 700141 and up
85AE L: 306916 and up
UL: 700376 and up

75AE L: 401780 and below
UL: 501780 and below
85AE L: 405690 and below
UL: 750565 and below

75AE L: 401781 and up
UL: 501781 and up
85AE L: 405691 and up
UL: 750566 and up

75AE L: 401348 and up
UL: 750226 and up
85AE L: 404531 and up
UL: 750451 and up

* New parts number

※ Not shown

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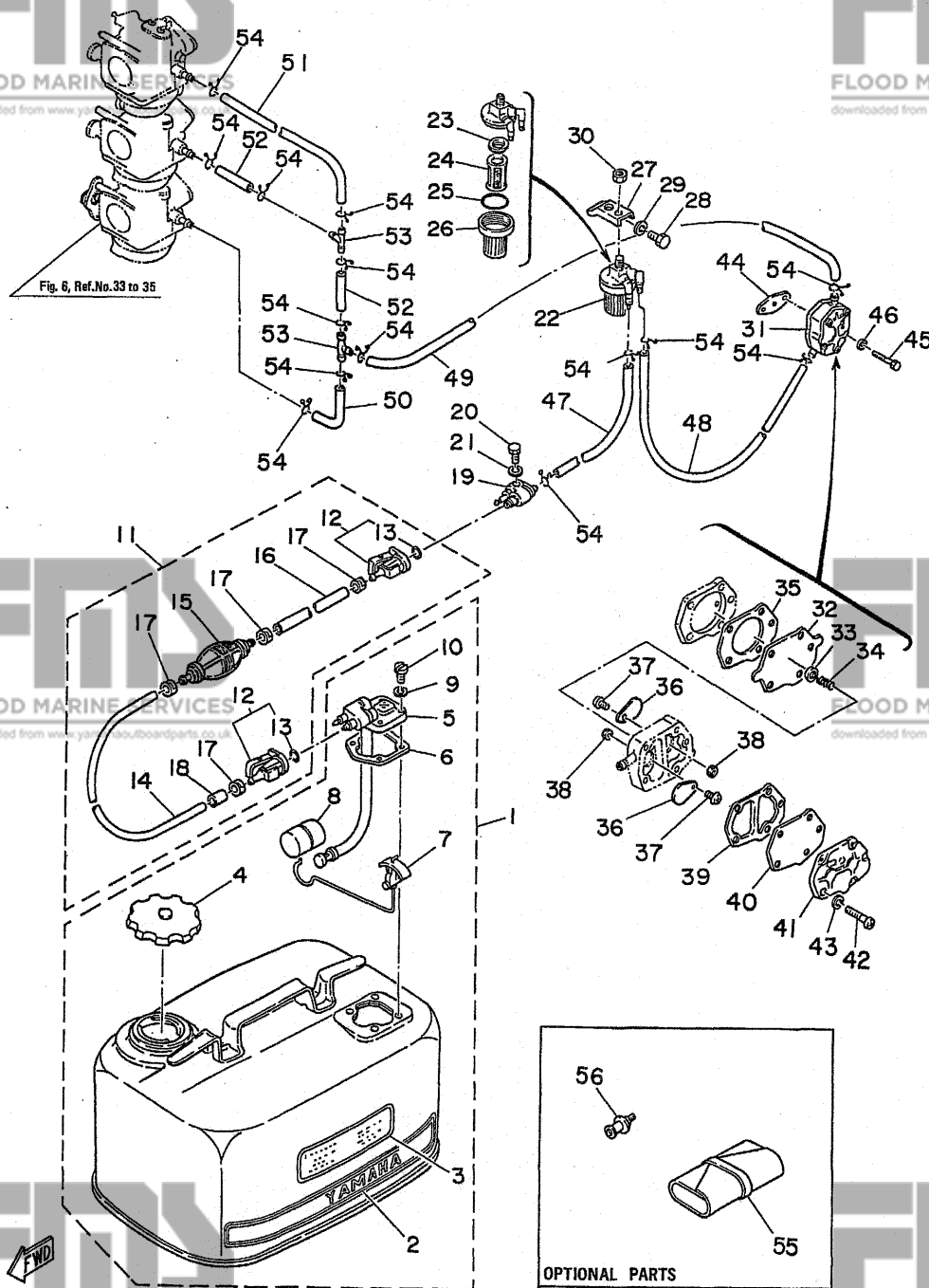
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Fig. 14 FUEL



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	* 6Y1-24201-80-24	FUEL TANK ASS'Y	1	26	655-24521-00	. CUP, filter	1
*	656-24202-80-24	FUEL TANK ASS'Y	1	27	648-24566-01	BRACKET, filter	1
*	* 6Y1-24201-A0-24	FUEL TANK ASS'Y (For Alcohol)	1	28	97313-06014	BOLT	1
*	656-24202-A0-24	FUEL TANK ASS'Y (For Alcohol)	1	29	92903-06100	WASHER	1
2	663-24244-00	. GRAPHIC, side	2	30	95303-08600	NUT	1
3	663-24245-00	. GRAPHIC	1	31	6A0-24410-00	FUEL PUMP ASS'Y	1
4	802-24610-00	. CAP ASS'Y	1	32	648-24411-00	. DIAPHRAGM	1
5	656-24275-03	. FUEL METER COMP.	1	33	648-24424-00	. PLATE, spring guide	1
*	663-24275-09	. FUEL METER COMP. (For Alcohol)	1	34	648-24423-00	. SPRING, diaphragm	1
6	663-24268-00	. GASKET, fuel meter housing	1	35	648-24434-00	. GASKET, body 1	1
7	656-24241-03	. INDICATOR	1	36	6A0-24421-01	. VALVE, check	2
*	663-24241-00	. INDICATOR (For Alcohol)	1	37	90147-03M00	. SCREW	2
8	663-24264-00	. FLOAT	1	38	98813-03100	. NUT	2
9	630-24329-00	. SEAL	4	39	648-24435-02	. GASKET, body 2	1
10	98380-05018	. SCREW, cylinderhead	4	40	663-24411-00	. DIAPHRAGM	1
11	* 6Y1-24306-00	FUEL PIPE ASS'Y	1	41	648-24413-01	. COVER, pump	1
*	663-24310-61	FUEL PIPE ASS'Y	1	42	98503-05028	. SCREW, panhead	3
12	655-24305-01	. FUEL PIPE JOINT COMP. 2	2	43	92990-05100	. WASHER	3
13	93210-08287	. O-RING (3.0φ-8.0φ)	2	44	650-24431-00	GASKET, fuel pump	1
* 14	90445-12M04	. HOSE (6φ-11.5φ-1900mm)	1	45	97313-06040	BOLT	2
15	650-24360-01	. PRIMARY PUMP ASS'Y	1	46	92903-06600	WASHER	2
* 16	90445-12155	. HOSE (6φ-11.5φ-1000mm)	1	47	90445-09090	HOSE (5φ-9φ-185mm)	1
17	650-24351-00	. BAND, fuel pipe	4	48	90445-09221	HOSE (5φ-9φ-205mm)	1
18	663-24397-00	. COLLAR	1	49	90445-09097	HOSE (5φ-9φ-250mm)	1
19	655-24304-01	FUEL PIPE JOINT COMP. 1	1	50	688-24313-00	HOSE 3	1
20	97313-06020	BOLT	1	51	688-24314-00	HOSE 4	1
21	92990-06100	WASHER	1	52	90445-09M22	HOSE (5φ-9φ-26mm)	2
22	655-24560-00	FILTER ASS'Y	1	53	688-24378-00	PIPE, joint	2
23	655-24564-00	. PACKING, filter	1	54	90467-08004	CLIP	14
24	655-24563-00	. ELEMENT, filter	1	55	670-28100-60	TOOL ASS'Y	1
25	93210-37M25	. O-RING (2.0φ-34.5φ)	1	56	626-28193-01-94	PLUG, water check 1	1

- * New parts number
- * Not shown
- * Also available in 30m rolls (Parts No. 90890-56878)

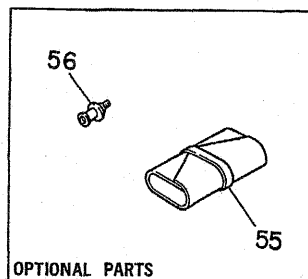
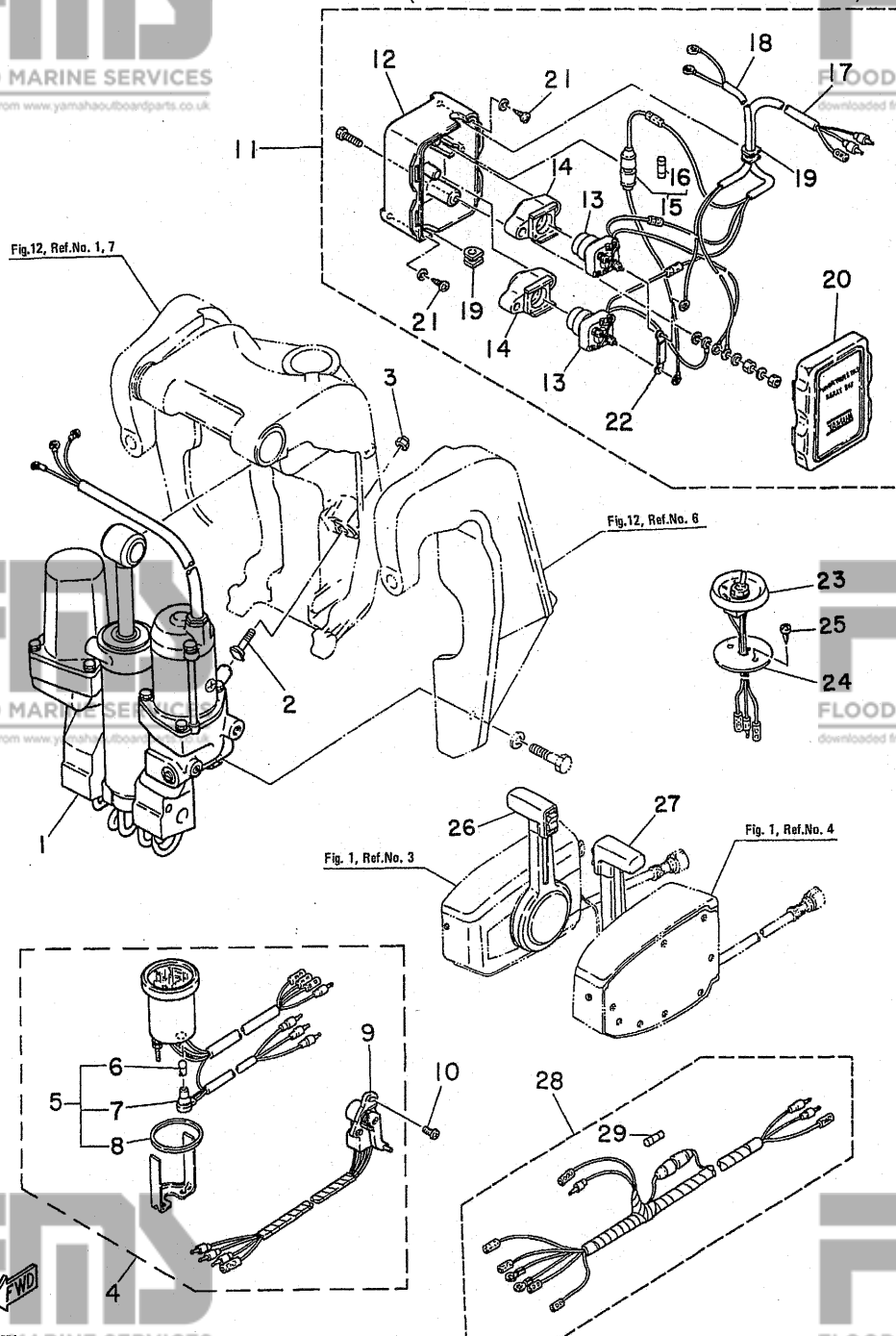


Fig. 15 POWER TRIM & TILT I
(75AET/85AET MODEL)

POWER TRIM & TILT I (75AET/85AET MODEL)



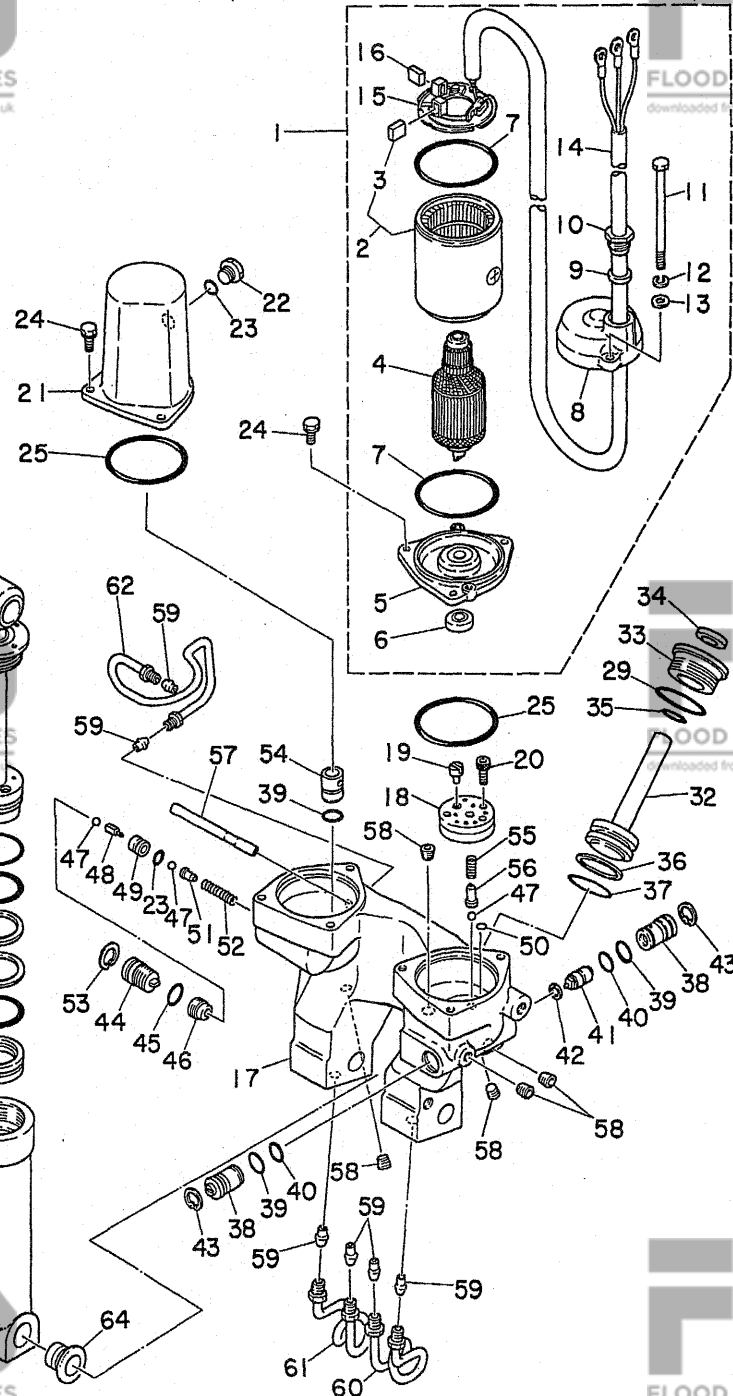
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-43800-01	POWER TRIM & TILT ASS'Y (See Fig. 16)	1s	16	663-82151-00	. . FUSE (12V-20A)	1
2	688-43376-01	BOLT, thrust receiver	2	17	688-81971-20	. WIRE, lead	1
3	90185-08M00	NUT, self-locking	2	18	688-81949-10	. WIRE, lead	1
4	688-83670-00	TRIM METER ASS'Y	1	19	688-82535-10	. GROMMET	2
5	688-83671-00	. TRIM GAUGE	1	20	688-81942-00	. COVER	1
6	688-83516-00	. . BULB (12V-1.7W)	1	21	97780-60125	. SCREW, panhead tapping	2
7	688-83536-00	. . SOCKET, meter	1	22	688-87149-01	. CONNECTOR	1
8	688-83666-00	. . DAMPER	1	23	688-82563-10	TRIM & TILT SWITCH	1
9	688-83672-00	. TRIM SENDER	1	24	688-82388-00	PLATE	1
10	97890-06016	SCREW, panhead	2	25	97780-40116	SCREW, panhead tapping	2
11	688-81950-01	RELAY BOX ASS'Y	1	26	702-48270-00	LEVER COMP. (Right)	1
12	688-81955-00	. CASE	1	27	702-48270-10	LEVER COMP. (Left)	1
13	682-81941-11	. STARTER RELAY	2	28	688-83553-10	WIRE, lead	1
14	682-81952-10	. HOLDER, starter relay	2	29	1E6-82151-00	. FUSE (12V-10A)	1
15	663-82150-02	. FUSE HOLDER ASS'Y	1				

The following parts are not used when using the power trim & tilt.

All parts of Fig. 11 bracket section.

Fig. 16 POWER TRIM & TILT 2
(75AET/85AET MODEL)

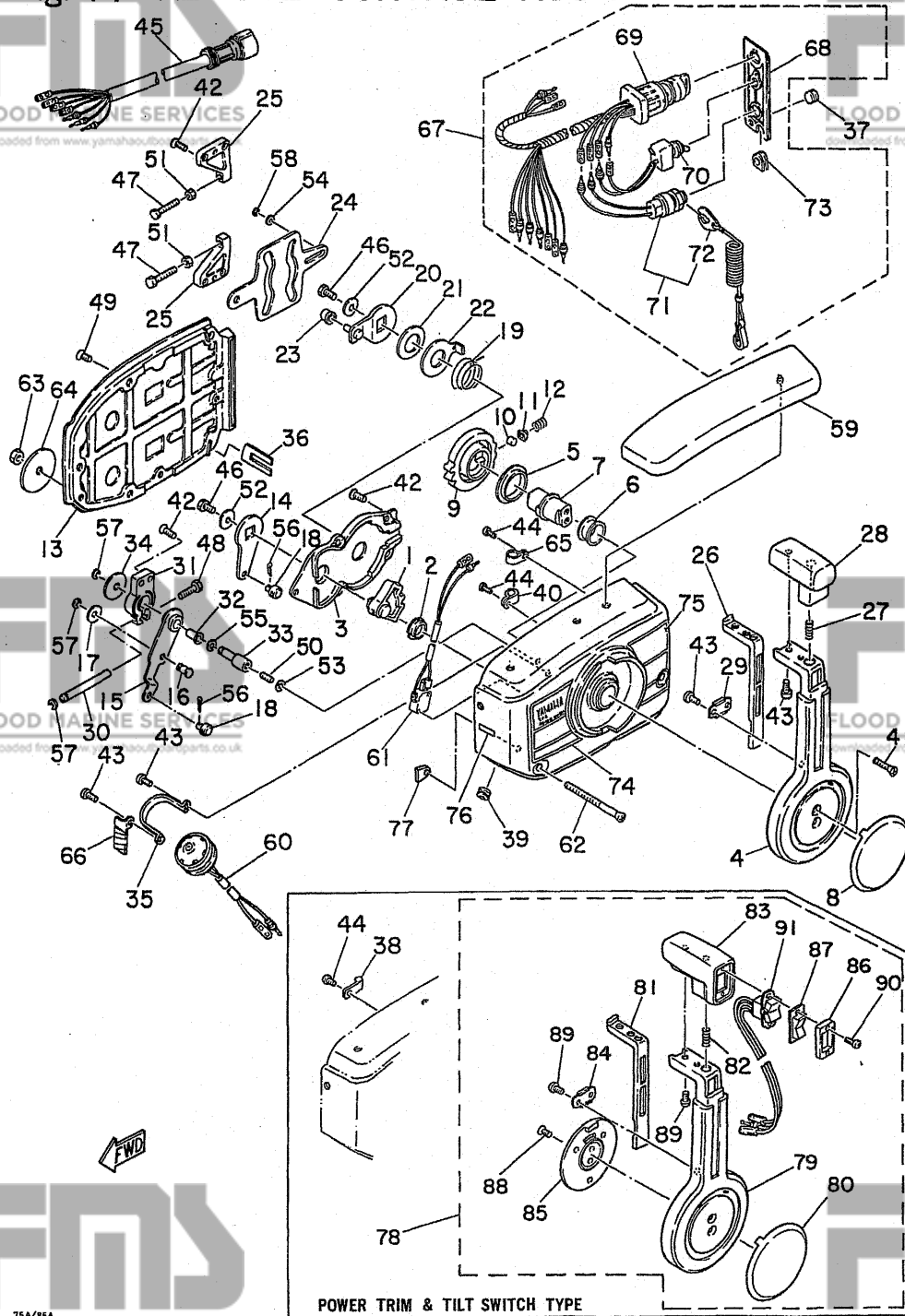
POWER TRIM & TILT 2 (75AET/85AET MODEL)



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
※	688-43800-01	POWER TRIM & TILT ASS'Y (See Fig. 15, Ref. No. 1)	1	32	6E5-43820-00	PISTON SUB ASS'Y (Trim)	2
1	688-43880-01	MOTOR ASS'Y	1	33	6E5-43821-00	SCREW, trim cylinder end	2
2	688-43804-00	STATOR ASS'Y	1	34	6E5-43822-00	SEAL, trim dust	2
3	688-43891-00	BRUSH 1 (+)	1	35	93210-16M40	O-RING	2
4	688-43805-00	ARMATURE ASS'Y	1	36	6E5-43874-00	RING, back up 2	2
5	688-43881-00	FRAME, end	1	37	93210-33M41	O-RING	2
6	688-43882-00	OIL SEAL	1	38	688-43802-00	VALVE SUB ASS'Y (Main)	2
7	688-43883-00	O-RING	2	39	688-43864-00	O-RING	3
8	688-43884-01	FRAME, commutator end	1	40	688-43865-00	O-RING	2
9	688-43885-00	GROMMET	1	41	688-43841-00	PISTON, shuttle	1
10	688-43886-01	BOLT	1	42	688-43873-00	RING, back up	1
11	688-43887-00	BOLT	2	43	688-43876-00	RING, snap	2
12	92990-05100	WASHER	2	44	688-43845-00	SCREW, manual release	1
13	92990-05600	WASHER	2	45	688-43866-00	O-RING	1
14	688-43807-00	WIRE SUB ASS'Y	1	46	688-43846-00	SCREW	1
15	688-43806-00	BRUSH HOLDER ASS'Y	1	47	688-43858-00	BALL	3
16	688-43892-00	BRUSH 2 (-)	1	48	688-43848-00	ROD, manual release	1
17	6E5-43825-00	HOUSING, trim & tilt	1	49	688-43847-00	SEAT, manual valve	1
18	688-43830-00	GEAR PUMP ASS'Y	1	50	688-43868-00	O-RING	1
19	688-43831-00	CONNECTOR, shift	1	51	6E5-43849-00	PIN, valve support	1
20	688-43878-00	BOLT, socket	3	52	6E5-43854-00	SPRING, manual release	1
21	688-43828-00	BODY, reservoir	1	53	688-43875-00	RING, snap	1
22	688-43829-01	PLUG, reservoir	1	54	6E5-43850-00	VALVE SUB-ASS'Y (Upper Relief)	1
23	688-43869-00	O-RING	2	55	688-43856-00	SPRING, down relief	1
24	688-43879-00	SCREW, with washer	6	56	688-43844-01	PIN, valve support	1
25	688-43867-00	O-RING	2	57	688-43838-00	PIPE, intake	1
26	6E5-43813-00	CYLINDER, tilt	1	58	688-43826-00	PLUG, taper screw	5
27	688-43810-00	PISTON SUB ASS'Y (Tilt)	1	59	688-43832-00	SEAT, union	6
28	688-43863-00	O-RING	1	60	6E5-43833-00	PIPE	1
29	688-43862-00	O-RING	4	61	6E5-43834-00	PIPE	1
30	688-43872-00	RING, back up	2	62	688-43835-00	PIPE	1
31	6E5-43814-00	PISTON, free	1	63	6E5-43818-00	PIN, lower shock mount	1
				64	90386-18M14	BUSHING	2

※ Not shown

Fig. 17 REMOTE CONTROL ASS'Y I



POWER TRIM & TILT SWITCH TYPE

C3

REMOTE CONTROL ASS'Y I

Ref.No.	Parts No.	Description	Q'ty STD T/T	Ref.No.	Parts No.	Description	Q'ty STD T/T
※	702-48203-11	REMOTE CONTROL ASS'Y (Right) (See Fig. 1, Ref. No. 1)	1 -	44	702-48283-00	. SCREW 3	3 4
※	702-48204-11	REMOTE CONTROL ASS'Y (Left) (See Fig. 1, Ref. No. 2)	1 -	45	688-82586-20	. EXTENSION, wire harness	1 1
※	702-48205-11	REMOTE CONTROL ASS'Y (Right) (See Fig. 1, Ref. No. 3)	1 -	46	97380-06014	. BOLT	2 2
※	702-48206-11	REMOTE CONTROL ASS'Y (Left) (See Fig. 1, Ref. No. 4)	1 -	47	97380-05035	. BOLT	2 2
1	702-48233-00	. GEAR 2	1 1	48	97380-05025	. BOLT	1 1
2	702-48235-00	. BUSHING 2	1 1	49	92780-06014	. SCREW, flathead	5 5
3	702-48231-00	. HOUSING, gear	1 1	50	702-48267-00	. BOLT, set	1 1
4	702-48221-01	. LEVER, control	1 1	51	95380-05600	. NUT	2 2
5	702-48234-00	. BUSHING 1	1 1	52	702-48247-00	. WASHER, lock 1	2 2
6	702-48243-00	. BUSHING 3	1 1	53	92990-06300	. WASHER, tooth	1 1
7	702-48242-00	. SHAFT, drive	1 1	54	92990-06600	. WASHER	1 1
8	702-48225-00	. COVER	1 -	55	92990-08600	. WASHER	1 1
9	702-48232-00	. GEAR 1	1 1	56	91490-25015	. PIN, cotter	2 2
10	702-48236-00	. ROLLER, detent	1 1	57	93430-06024	. CIRCLIP (E-6d)	3 3
11	702-48237-00	. ADAPTOR, detent	1 1	58	93430-04M01	. CIRCLIP (E-4d)	1 1
12	702-48238-00	. SPRING, detent	1 1	59	702-48214-00	. PAD (Right)	1 1
13	702-48213-01	. BACK PLATE (Right)	1 1	※	702-48214-10	. PAD (Left)	1 1
14	702-48213-11	. BACK PLATE (Left)	1 1	60	688-83383-00	. BUZZER	1 1
15	702-48271-00	. ARM, shift	1 1	61	688-82540-00	. NEUTRAL SWITCH ASS'Y	1 1
16	702-48261-00	. ARM, throttle (Right)	1 1	62	92680-06090	. SCREW, ovalhead	3 3
17	702-48261-10	. ARM, throttle (Left)	1 1	63	95380-06600	. NUT	3 3
18	702-48268-00	. SET PIN, arm	1 1	64	702-48287-00	. WASHER 1	3 3
19	702-48268-00	. SPACER 3	1 1	65	702-82581-00	. STAY, cord clamp	2 2
20	702-48345-00	. CABLE END, remote control 2	2 2	66	702-82589-00	. PROTECTOR, wire harness	1 1
21	702-48244-00	. SPRING, free accel.	1 1	67	688-82570-21	. SWITCH PANEL ASS'Y	1 1
22	702-48241-00	. ARM, drive	1 1	68	688-82571-20	. SWITCH PANEL	1 1
23	702-48246-00	. SPACER 1	1 1	69	688-82508-10	. MAIN SWITCH ASS'Y	1 1
24	702-48245-00	. PLATE, lock	1 1	70	688-82574-00	. SWITCH, choke	1 1
25	702-48252-00	. ROLLER, cam	1 1	71	688-82575-01	. KILL SWITCH ASS'Y	1 1
26	702-48251-00	. PLATE, cam	1 1	72	682-82556-00	. STOPPER ASS'Y	1 1
27	702-48254-00	. STOPPER, throttle adjusting	2 2	73	688-82535-10	. GROMMET	1 1
28	702-48223-00	. LOCK, neutral	1 -	74	702-48215-00	. GRAPHIC 1 (Right)	1 1
29	702-48227-00	. SPRING, neutral lock	1 -	※	702-48215-10	. GRAPHIC 1 (Left)	1 1
30	702-48222-00	. GRIP, control lever (Right)	1 -	75	702-48216-00	. GRAPHIC 2 (Right)	1 1
31	702-48222-10	. GRIP, control lever (Left)	1 -	※	702-48216-10	. GRAPHIC 2 (Left)	1 1
32	702-48226-00	. PLATE, stopper	1 1	76	702-48217-00	. MARK 1	1 1
33	702-48265-00	. SHAFT, friction	1 1	77	702-82598-00	. GROMMET	1 1
34	702-48264-00	. FRICTION, throttle	1 1	78	702-48270-00	. LEVER COMP. (Right)	1 -
35	702-48263-00	. BUSHING 4	1 1	※	702-48270-10	. LEVER COMP. (Left)	1 -
36	702-48262-00	. SHAFT, throttle	1 1	79	702-48221-01	. LEVER, control	1 -
37	702-48266-00	. SPACER 2	1 1	80	702-48225-00	. COVER	1 -
38	702-83386-00	. STAY, buzzer	1 1	81	702-48223-00	. LOCK, neutral	1 -
39	702-48352-00	. ANCHOR, cable 1	1 1	82	702-48227-00	. SPRING, neutral lock	1 -
40	702-48284-00	. GROMMET 1	1 1	83	702-48222-20	. GRIP, control lever (Right)	1 -
41	702-82544-00	. CLAMP	1 -	※	702-48222-30	. GRIP, control lever (Left)	1 -
42	702-82585-00	. GROMMET 2	1 2	84	702-48226-00	. PLATE, stopper	1 -
43	702-82594-00	. CLAMP	1 1	85	702-48224-00	. COVER, control lever	1 -
44	92780-06025	. SCREW, flathead	2 2	86	702-48228-00	. HOLDER, switch	1 -
45	702-48281-00	. SCREW 1	1111	87	702-82584-00	. CAP, switch	1 -
46	702-48282-00	. SCREW 2	6 2	88	98780-05010	. SCREW, flathead	3 -
				89	702-48282-00	. SCREW 2	4 -
				90	98580-03012	. SCREW, panhead	2 -
				91	688-82563-20	. TILT & TRIM SWITCH	1 -

※ Not shown

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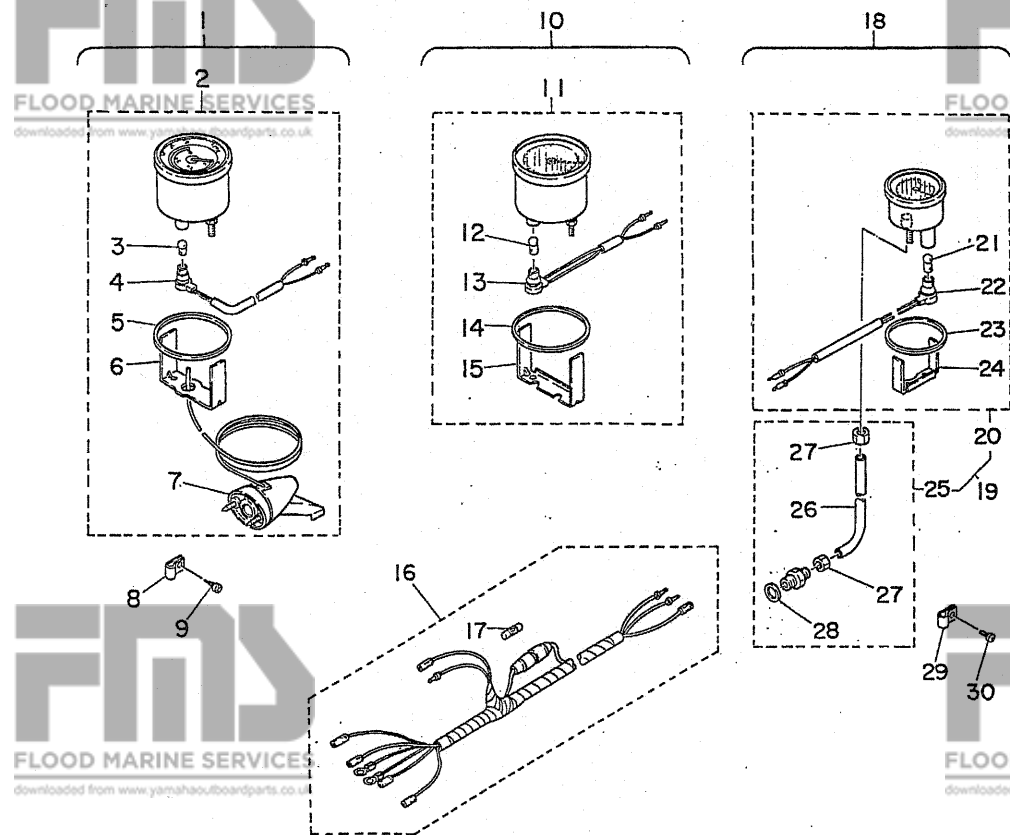
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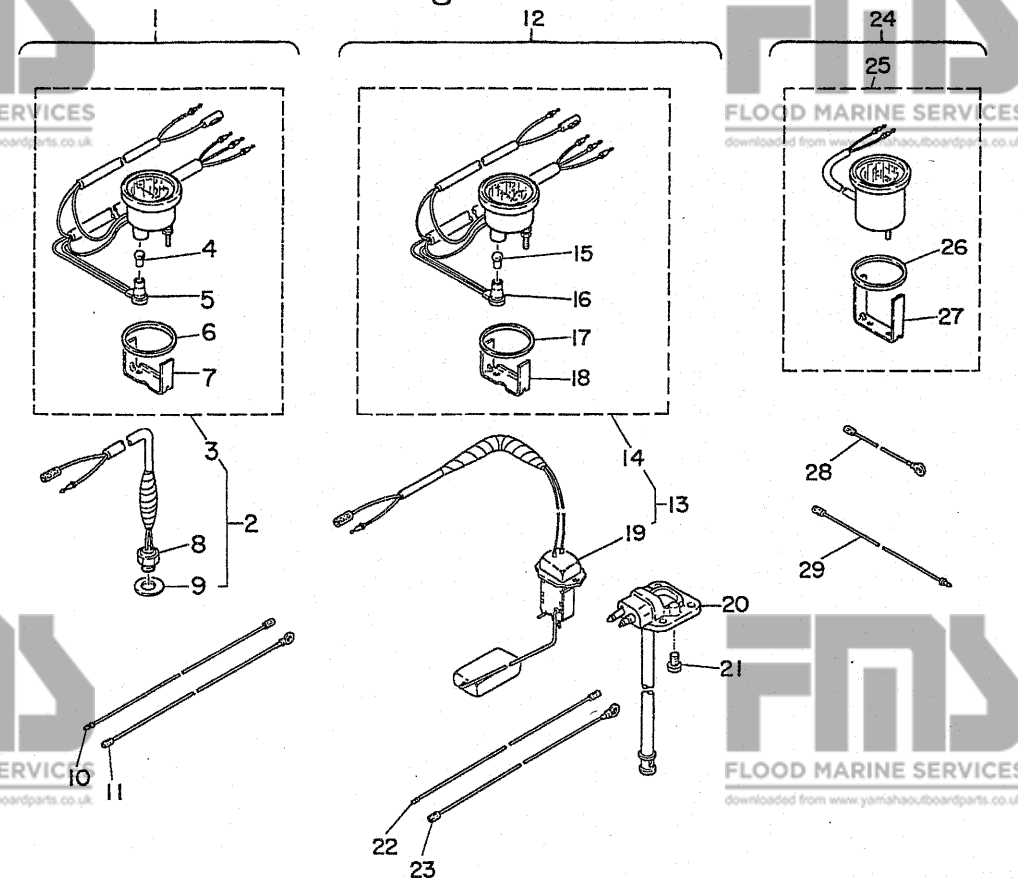
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Fig. 20 ACCESSORY PARTS 1



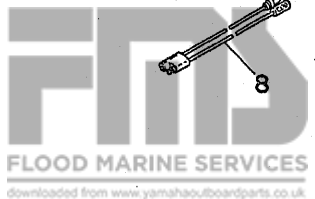
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-W0081-00	SPEEDOMETER KIT	1s	16	688-83553-10	. WIRE, lead	1
2	688-83510-00	. SPEEDOMETER ASS'Y	1	17	1E6-82151-00	. . FUSE (12V-10A)	1
3	688-83516-00	. . BULB (12V-1.7W)	1	WATER PRESSURE METER			
4	688-83536-00	. . SOCKET, meter	1	18	688-W0088-00	WATER PRESSURE METER KIT	1s
5	688-83523-00	. . DAMPER	1	19	688-83660-00	. WATER PRESSURE METER ASS'Y	1
6	688-83514-00	. . PLATE, fitting	1	20	688-83661-00	. . WATER PRESSURE GAUGE	1
7	688-83556-00	. . SENDER	1	21	688-83516-00	. . . BULB (12V-1.7W)	1
8	90601-31402	. CLIP, nylon 14	5	22	688-83536-00	. . . SOCKET, meter	1
9	97780-40116	. SCREW, panhead tapping	5	23	688-83664-00	. . . DAMPER	1
10	688-W0080-00	TACHOMETER KIT	1s	24	688-83665-00	. . . PLATE, fitting	1
11	688-83540-00	. TACHOMETER ASS'Y	1	25	688-83667-00	. . SENDER	1
12	688-83516-00	. . BULB (12V-1.7W)	1	26	688-83666-00	. . . TUBE	1
13	688-83536-00	. . SOCKET, meter	1	27	663-83668-00	. . . NUT, nipple	2
14	688-83523-00	. . DAMPER	1	28	90430-14115	. . . GASKET	1
15	688-83544-00	. . PLATE, fitting	1	29	90601-31402	. CLIP, nylon 14	5
				30	97780-40116	. SCREW, panhead tapping	5

Fig. 21 ACCESSORY PARTS 2



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
WATER TEMPERATURE METER				15	688-83516-00	. . . BULB (12V-1.7W)	1
1	688-W0088-10	WATER TEMP. METER KIT	1s	16	688-83536-00	. . . SOCKET, meter	1
2	688-83590-00	. WATER TEMP. METER ASS'Y	1	17	688-83664-00	. . . DAMPER	1
3	688-83594-00	. . WATER TEMP. GAUGE	1	18	688-85756-00	. . . PLATE, fitting	1
4	688-83516-00	. . . BULB (12V-1.7W)	1	19	688-85752-00	. . FUEL SENDER	1
5	688-83536-00	. . . SOCKET, meter	1	20	663-24275-00	. FUEL METER COMP.	1
6	688-83664-00	. . . DAMPER	1	21	98503-05010	. SCREW, panhead	2
7	688-85756-00	. . . PLATE, fitting	1	22	663-83553-Y0	. WIRE, lead (Yellow)	1
8	688-83591-00	. . THERMO UNIT	1	23	663-83553-A0	. WIRE, lead	1
9	90430-14115	. . GASKET	1	HOUR METER			
10	663-83553-Y0	. WIRE, lead (Yellow)	1	24	688-W0088-30	HOUR METER KIT	1s
11	663-83553-A0	. WIRE, lead	1	25	688-83504-00	. HOUR METER ASS'Y	1
FUEL METER				26	688-83664-00	. . . DAMPER	1
12	688-W0088-20	FUEL METER ASS'Y	1s	27	688-83557-00	. . PLATE, fitting	1
13	688-85750-00	. FUEL METER ASS'Y	1	28	663-83553-Y0	. WIRE, lead	1
14	688-85751-00	. . FUEL GAUGE	1	29	663-83553-Y0	. WIRE, lead (Yellow)	1

Fig.22 ACCE



11 688-83373-10 LEAD,

75A/85A
504

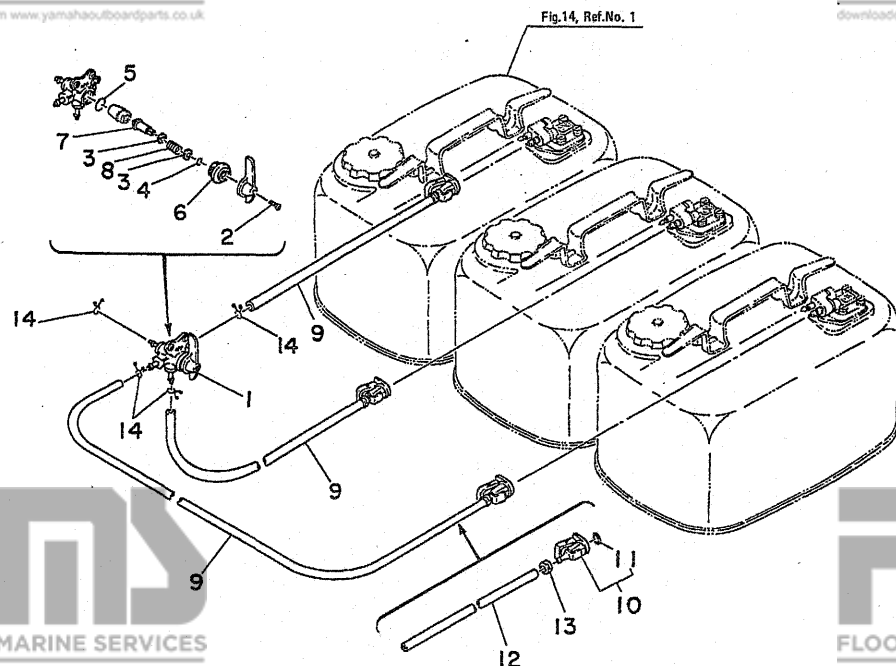
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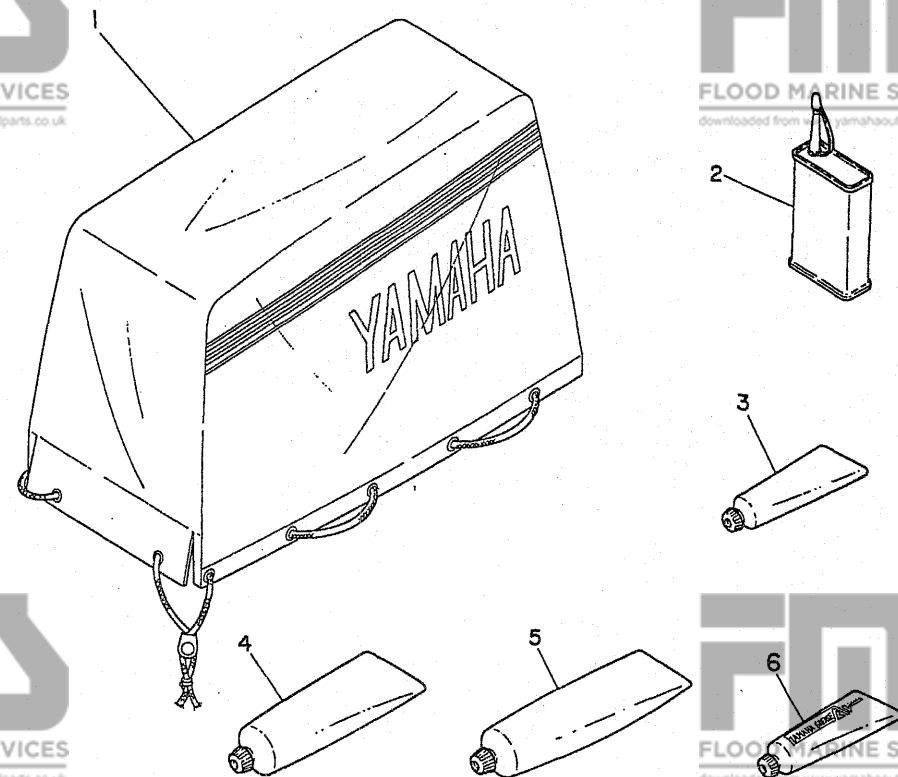
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Fig.24 ACCESSORY PARTS 5



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-24540-00	FUEL COCK COMP.	1	8	90501-12M13	. SPRING, compression	1
2	98680-04016	. SCREW, ovalhead	1	9	688-24307-00	FUEL PIPE COMP. 2	3
3	90201-08M32	. WASHER	2	10	655-24305-01	. FUEL PIPE JOINT COMP. 2	3
4	93210-08M27	. O-RING	1	11	93210-08287	. . O-RING (3.0φ-8.0φ)	3
5	93210-20M28	. O-RING	1	12	90445-12M21	. HOSE (6φ-11.5φ-2500mm)	3
6	688-24559-00	. CAP	1	13	650-24351-00	. BAND, fuel pipe 1	3
7	688-24554-00	. SHAFT, cock	1	14	90467-11M00	CLIP	4

Fig.25 ACCESSORY PARTS 6



Ref.No.	Parts No.	Description	Q'ty
1	90890-56877	ENGINE COVER	1
2	90890-70043	SCREW LOCK	U.R.
		YAMAHA GREASE	
3	90890-69908	YAMAHA GREASE C (150g)	U.R.
4	YM9-27837-6M	YAMAHA GREASE D	U.R.
5	90890-69904	YAMAHA GREASE E	U.R.
6	90890-69910	YAMAHA GREASE A (50g)	} U.R.
7	90890-69911	YAMAHA GREASE A (250g)	
8	90890-69912	YAMAHA GREASE A (4Kg)	
		YAMAHA BOND	
9	90890-05143	YAMAHA BOND (200g)	U.R.
10	90890-05197	YAMAHA BOND 10	U.R.

Fig. 26 REPAIR KIT

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Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-W0001-00	POWER HEAD GASKET KIT	1s	37	663-44366-00	. WATER SEAL 2	1
2	688-14483-00	. GASKET, plate	1	38	688-W0072-00	EXTENSION KIT	1s
3	688-14416-00	. GASKET, air cleaner	1	39	688-45211-00-F6	. EXTENSION	1
4	688-14198-00	. GASKET	3	40	93606-12019	. PIN, dowel B	4
5	688-13621-00	. PACKING, valve seat 1	2	41	90116-10M05	. BOLT, stud	4
6	93210-03261	. O-RING	1	42	92990-10600	. WASHER	4
7	676-14984-00	. O-RING	3	43	95380-10600	. NUT	4
8	688-11181-01	. GASKET, cylinder head	1	44	90119-08M06	. BOLT	1
9	90430-14115	. GASKET	1	45	688-45501-21	. DRIVE SHAFT COMP.	1
10	688-11193-00	. GASKET, head cover	1	46	688-44361-20	. TUBE, water	1
11	688-12414-00	. GASKET, cover	1	47	688-44120-21	. HANDLE GEAR SHIFT ASS'Y	1
12	688-41112-00	. GASKET, exhaust inner cover	2	48	692-W0078-00	WATER PUMP REPAIR KIT	1s
13	93210-46M16	. O-RING	1	49	688-44322-00	. INSERT, cartridge	1
14	93102-36M02	. OIL SEAL	1	50	688-44352-03	. IMPELLER	1
15	93102-30M05	. OIL SEAL	1	51	688-44315-00	. GASKET, water pump 1	1
16	93104-20M02	. OIL SEAL	1	52	688-44323-00	. OUTER PLATE, cartridge	1
17	93210-62269	. O-RING	1	53	688-44324-00	. GASKET, outer plate	1
18	688-45113-00	. GASKET, upper casing 1	1	54	688-44316-00	. GASKET, water pump 2	1
19	655-24564-00	. PACKING, filter	1	55	93210-46044	. O-RING	1
20	93210-37M25	. O-RING	1	56	97395-08050	. BOLT	2
21	650-24431-00	. GASKET, fuel pump	1	57	97395-08070	. BOLT	2
22	688-W0001-20	LOWER UNIT GASKET KIT	1s	58	90280-04M04	. KEY, woodruff	1
23	688-45114-00	. GASKET, upper casing 2	1	59	688-W0093-00	CARBURETOR REPAIR SET	1s
24	688-41134-00	. GASKET, exhaust manifold 2	1	60	688-14483-00	. GASKET, plate	1
25	688-41133-00	. GASKET, exhaust manifold 1	1	61	688-14198-00	. GASKET	3
26	688-45123-00	. GASKET, muffler	1	62	93210-04228	. O-RING	3
27	90430-08020	. GASKET	3	63	688-14590-00	. VALVE SEAT	3
28	93210-49046	. O-RING	1	64	676-14186-00	. PIN, valve	3
29	93106-09014	. OIL SEAL	1	65	676-14985-01	. FLOAT COMP.	3
30	688-44315-00	. GASKET, water pump 1	1	66	688-14548-00	. PIN, float	3
31	688-44324-00	. GASKET, outer plate	1	67	676-14984-00	. O-RING	3
32	688-44316-00	. GASKET, water pump 2	1	68	90159-04M00	. SCREW, with washer	3
33	93210-46044	. O-RING	1	69	93210-04230	. O-RING	3
34	93210-85M15	. O-RING	1	70	663-14126-00	. PACKING	3
35	93101-25M03	. OIL SEAL	2	71	679-14923-00	. SCREW, adjusting	3
36	90430-12072	. GASKET	1				

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