

688-28198-ED

75A/85A

serial no.

85AE L:300101 and up
UL:700101 and up
85AET L:400101 and up
UL:750101 and up
75AE L:300101 and up
UL:700101 and up
75AET L:400101 and up
UL:750101 and up

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
▶ 1 *	688-42610-01-F6	TOP COWLING ASS'Y	1
◄ *	688-42610-00-F6	TOP COWLING ASS'Y	1
▶ 2 *	688-W0070-10	. GRAPHIC SIDE SET	1s
◄ 3	688-W0070-00	. GRAPHIC SIDE SET	1s

Interchangeability Mark

* Indicates new parts number

▶ ◄ This mark indicates serial number of marginal notes.

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

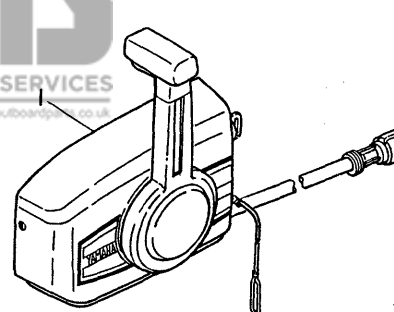
Mark B : Not interchangeable, refer to serial number of marginal notes for ordering or using of parts.

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

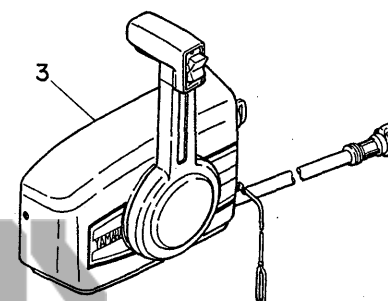
REPAIR KIT

POWER HEAD GASKET KIT	688-W0001-00
LOWER UNIT GASKET KIT	688-W0001-20
REED SET (85AE MODEL)	688-W0004-00
REED SET (75AE MODEL)	692-W0004-00
EXTENSION KIT (Ultra Long)	688-W0072-00
WATER PUMP REPAIR KIT	692-W0078-00
CHROME PUMP KIT	688-W0078-1A
CRANK CYLINDER ASS'Y (85AE MODEL)	688-W0090-00
CRANK CYLINDER ASS'Y (75AE MODEL)	692-W0090-01
CARBURETOR REPAIR SET	688-W0093-00
LOWER UNIT ASS'Y (Long)	688-45300-10-F6
LOWER UNIT ASS'Y (Ultra Long)	688-45300-20-F6

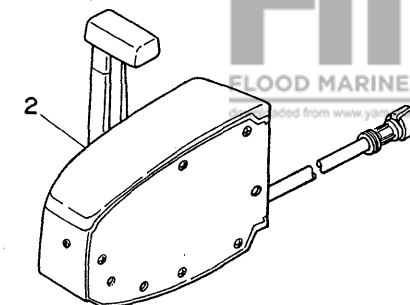
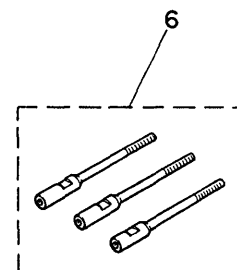
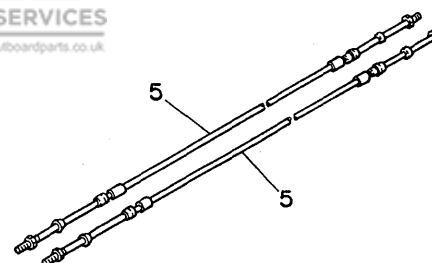
Fig. 1 REMOTE CONTROL -'80/'81



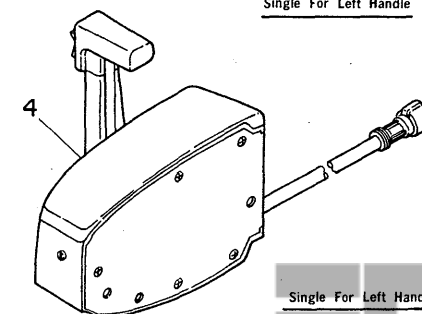
Single



Single (With Power Trim & Tilt Switch)



Single For Left Handle



Single For Left Handle
(With Power Trim & Tilt Switch)

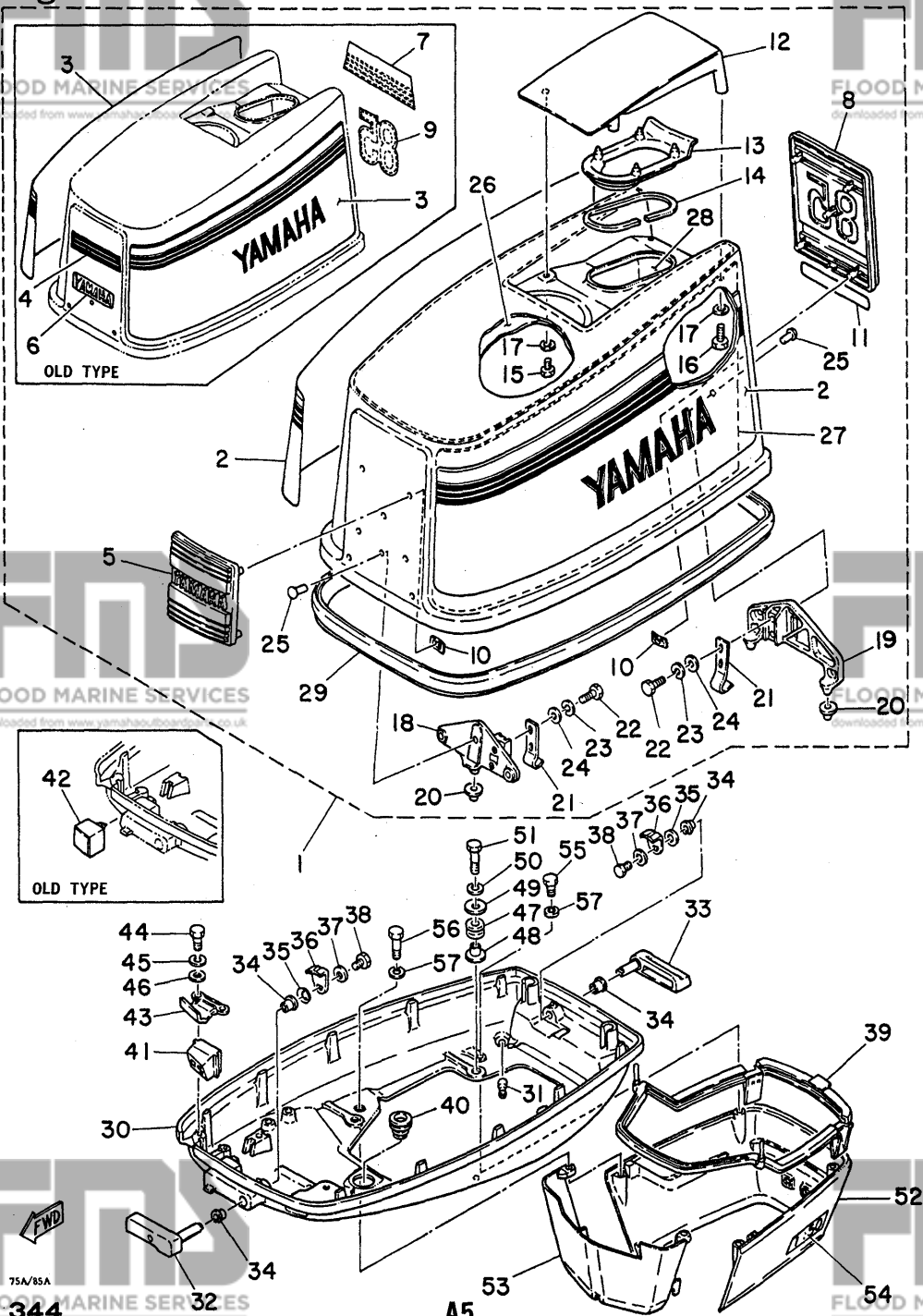
Ref.No.	Parts No.	Description	Q'ty
▲ 1	702-48203-10	REMOTE CONTROL ASS'Y	U.R.
▲ 2	702-48204-10	REMOTE CONTROL ASS'Y	
▲ 3	702-48205-10	REMOTE CONTROL ASS'Y	
▲ 4	702-48206-10	REMOTE CONTROL ASS'Y	
5	701-48310-10	CABLE, remote control 6F	U.R.
	701-48310-20	CABLE, remote control 7F	
	701-48310-40	CABLE, 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	U.R.
	701-48320-60	CABLE, remote control 16F	
	701-48320-80	CABLE, remote control 17F	
	701-48320-90	CABLE, remote control 18F	
TWIN ATTACHMENT			
6	702-48291-00	ATTACHMENT 1	1S
*	702-48292-00	ATTACHMENT 2	1S

* Not shown

▲ See Fig. 15 for detail service parts.

Fig. 2 COWLING-'80/'81

COWLING-'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1 *	688-42610-01-F6	TOP COWLING ASS'Y	1	29	688-42615-00	SEAL	1
2 *	688-42610-00-F6	TOP COWLING ASS'Y	1	30 *	688-42711-01-F6	COWLING, bottom	1
3 *	688-W0070-10	GRAPHIC SIDE SET	15	31	688-42711-00-F6	COWLING, bottom	1
4 *	688-W0070-00	GRAPHIC SIDE SET	15	32	663-24376-00	PIPE, joint 1	1
5 *	688-42677-00	GRAPHIC, front 1	1	33	688-42815-00-F6	LEVER, clamp 1	1
6 *	688-42686-10	EMBLEM, front	1	34	688-42817-00-F6	LEVER, clamp 2	1
7 *	688-42686-00	EMBLEM, front	1	35	90386-13057	BUSHING	4
8 *	688-42678-00	GRAPHIC, rear	1	36	90206-13019	WASHER, wave (13.56-226-0.5mm)	2
9 *	688-42687-01	EMBLEM, rear	1	37	688-42816-00	LEVER, clamp 2	2
10 *	688-42687-00	EMBLEM, rear	1	38	90201-06068	WASHER (6.56-206-2.0mm)	2
11 *	90183-05M01	NUT, spring	10	39 *	97313-06012	BOLT	2
12 *	688-42683-00	MARK, cowling 3	1	40 *	688-42716-01	SEAL, rubber 1	1
13 *	688-42613-00-F6	MOLDING, air duct	1	41 *	688-42716-00	SEAL, rubber 1	1
14 *	688-42618-00	AIR SHROUD, top cowling	1	42 *	663-42724-00	GROMMET 1	1
15 *	688-42628-00	SEAL, rubber 1	1	43 *	688-42725-00	GROMMET 2	1
16 *	97313-06016	BOLT	2	44 *	688-42726-00	GROMMET 3	1
17 *	97313-06025	BOLT	2	45 *	688-42738-00-94	PLATE, fitting	1
18 *	92903-06600	WASHER	4	46 *	97313-06016	BOLT	2
19 *	688-42647-00-94	HOLDER, clamp band 1	1	47 *	92903-06100	WASHER	2
20 *	688-42649-00-94	HOLDER, clamp band 2	1	48 *	92903-06600	WASHER	2
21 *	663-42662-00	DAMPER 1	3	49 *	90480-09M12	GROMMET	4
22 *	688-42652-00	HOOK 2	2	50 *	90480-15064	GROMMET	4
23 *	97313-06018	BOLT	4	51 *	90387-06M03	COLLAR	4
24 *	92903-06100	WASHER	4	52 *	90201-06416	WASHER (6.56-266-1.6mm)	4
25 *	92903-06600	WASHER	4	53 *	92903-06100	WASHER	4
26 *	90266-06009	RIVET	6	54 *	97313-06030	BOLT	4
27 *	688-42617-00	RUBBER, form 1	1	55 *	688-42741-00-F6	APRON 1	1
28 *	688-42619-00	RUBBER, form 2	2	56 *	688-42771-00-F6	APRON 2	1
29 *	688-42637-00	RUBBER, form 4	1	57 *	670-42783-80	GRAPHIC, side	2
30 *	97313-06020	BOLT	2	58 *	97313-06030	BOLT	2
31 *	97313-06030	BOLT	2	59 *	92903-06100	WASHER	4

▲ { 85AE L: 304750 and below
UL: 700310 and below

▼ { 85AE L: 304751 and up
UL: 700311 and up

△ { 85AE L: 303880 and below
UL: 700300 and below

▽ { 85AE L: 303881 and up
UL: 700301 and up

○ { 85AE L: 303881 thru 304750
UL: 700301 thru 700310

* New parts number

* Not shown

85AE L: 401545 and below
UL: 750130 and below

85AE L: 401546 and up
UL: 750131 and up

85AE L: 400722 and below
UL: 750120 and below

85AE L: 400723 and up
UL: 750121 and up

85AE L: 400723 thru 401545
UL: 750121 thru 750130

75AE L: 300915 and below
UL: 700125 and below

75AE L: 300916 and up
UL: 700126 and up

75AE L: 300916 and below
UL: 700125 and below

75AE L: 300916 and up
UL: 700126 and up

75AE L: 300916 thru 301210
UL: 700126 thru 700140

75AET L: 400195 and below

75AET L: 400196 and up
UL: 750181 and up

75AET L: 400195 and below

75AET L: 400196 and up
UL: 750181 and up

75AET L: 400196 thru 400550

75A/85A

344

A5

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A6

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345

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Fig. 3 C.D.I. MAGNETO '80/'81

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Ref.No.	Parts No.	Description	Q'ty
1	688-85500-11	C.D.I. MAGNETO ASS'Y	1
2	688-85500-10	C.D.I. MAGNETO ASS'Y	1
3	688-85550-11	ROTOR ASS'Y	1
4	688-85550-10	ROTOR ASS'Y	1
5	688-85510-10	BASE ASS'Y	1
6	688-85580-10	PULSER ASS'Y	1
7	663-85518-00	JOINT, ball	1
8	90280-05015	KEY, woodruff	1
9	90170-20137	NUT	1
10	90201-21M18	WASHER (216-366-3.2mm)	1
11	97313-06025	BOLT	3
12	92903-06600	WASHER	3
13	688-41611-00	RETAINER, magneto base 1	1
14	688-41612-00	RETAINER, magneto base 2	3
15	97803-06012	SCREW, panhead	3
16	92903-06100	WASHER	3
17	90464-12M00	CLAMP	1
18	688-81332-01	PLATE, timing	1
19	688-81332-02	PLATE, timing	1
20	97803-06098	SCREW, panhead	1
21	92903-06100	WASHER	1

85AE L: 303720 and below
UL: 700300 and below

85AET L: 400490 and below
UL: 750120 and below

75AE L: 300885 and below
UL: 700125 and below

75AET L: 400195 and below
UL: 750101 and up

85AE L: 303721 and up
UL: 700301 and up

85AET L: 400491 and up
UL: 750121 and up

75AE L: 300886 and up
UL: 700126 and up

75AET L: 400196 and up
UL: 750101 and up

* New parts number

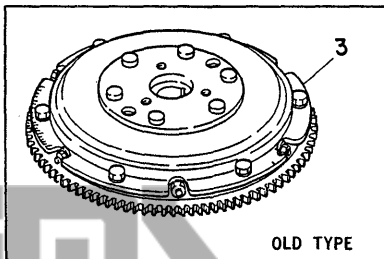
* Not shown

85AE L: 303616 ~
UL: 700321 ~

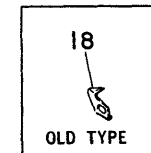
75AE L: 301796 ~
UL: 700146 ~

85AET L: 402661 ~
UL: 750156 ~

75AET L: 400801 ~
UL: 750156 ~

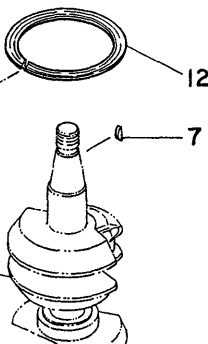


OLD TYPE



OLD TYPE

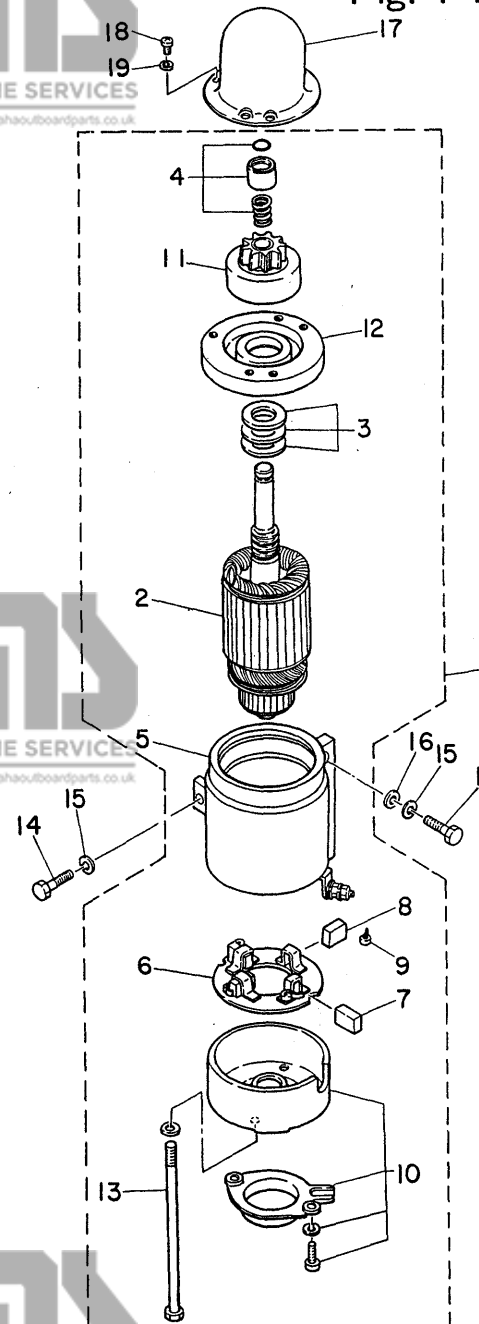
Fig. 5, Ref. No. 51



FWD

Fig. 4 ELECTRIC STARTER '80/'81

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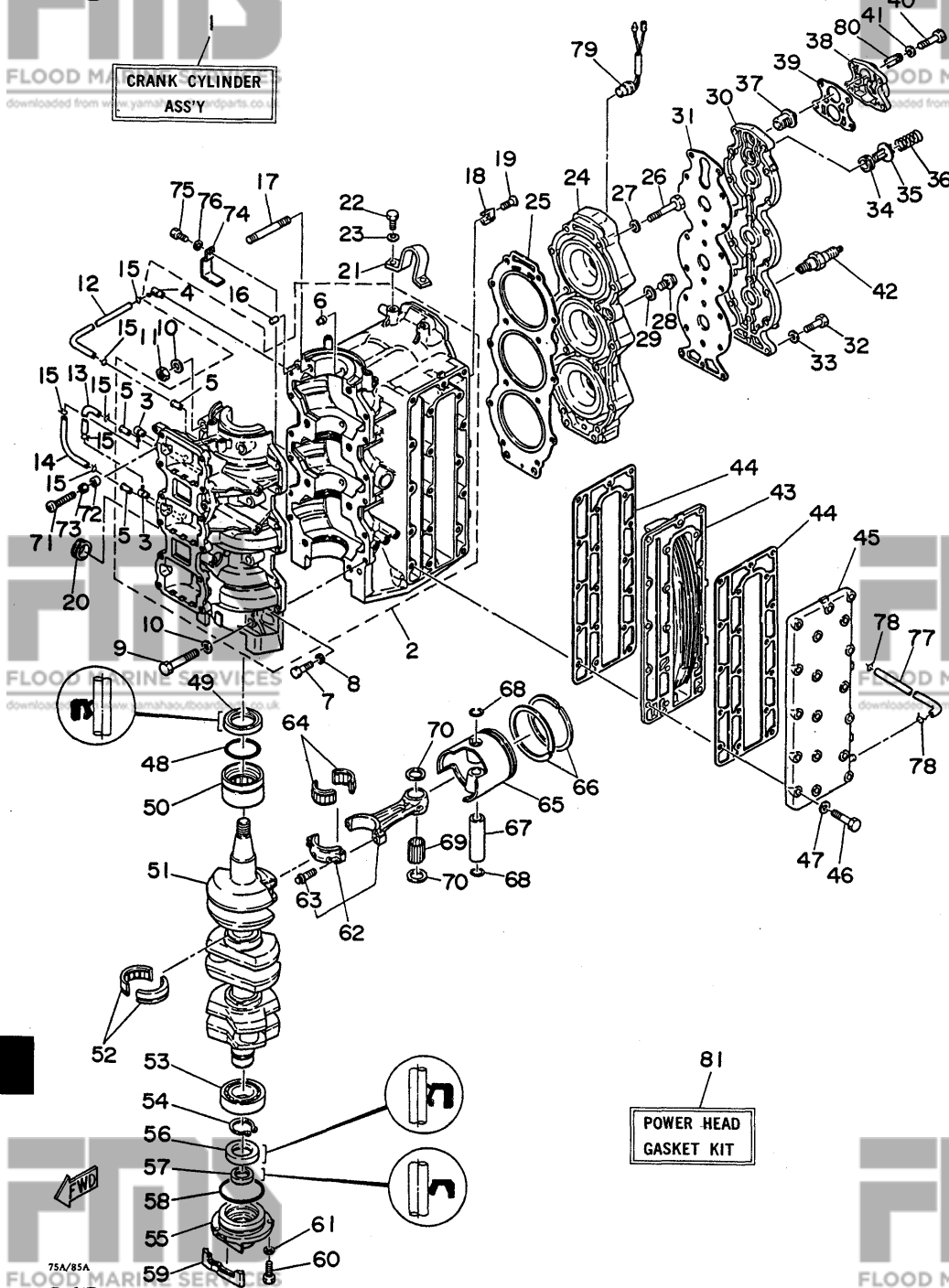
Ref.No.	Parts No.	Description	Q'ty
1	688-81800-10	ELECTRIC MOTOR ASS'Y	1
2	676-81850-10	ARMATURE ASS'Y	1
3	676-81809-10	WASHER KIT	15
4	676-81857-10	PINION STOPPER SET	15
5	688-81810-10	STATOR ASS'Y	1
6	663-81840-10	BRUSH HOLDER ASS'Y	1
7	663-81811-11	BRUSH 1 (+)	2
8	663-81812-11	BRUSH 2 (-)	2
9	663-81813-10	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	3
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

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Fig. 5 CRANKCASE, CYLINDER & PISTON '80/'81



CRANKCASE, CYLINDER & PISTON '80/'81

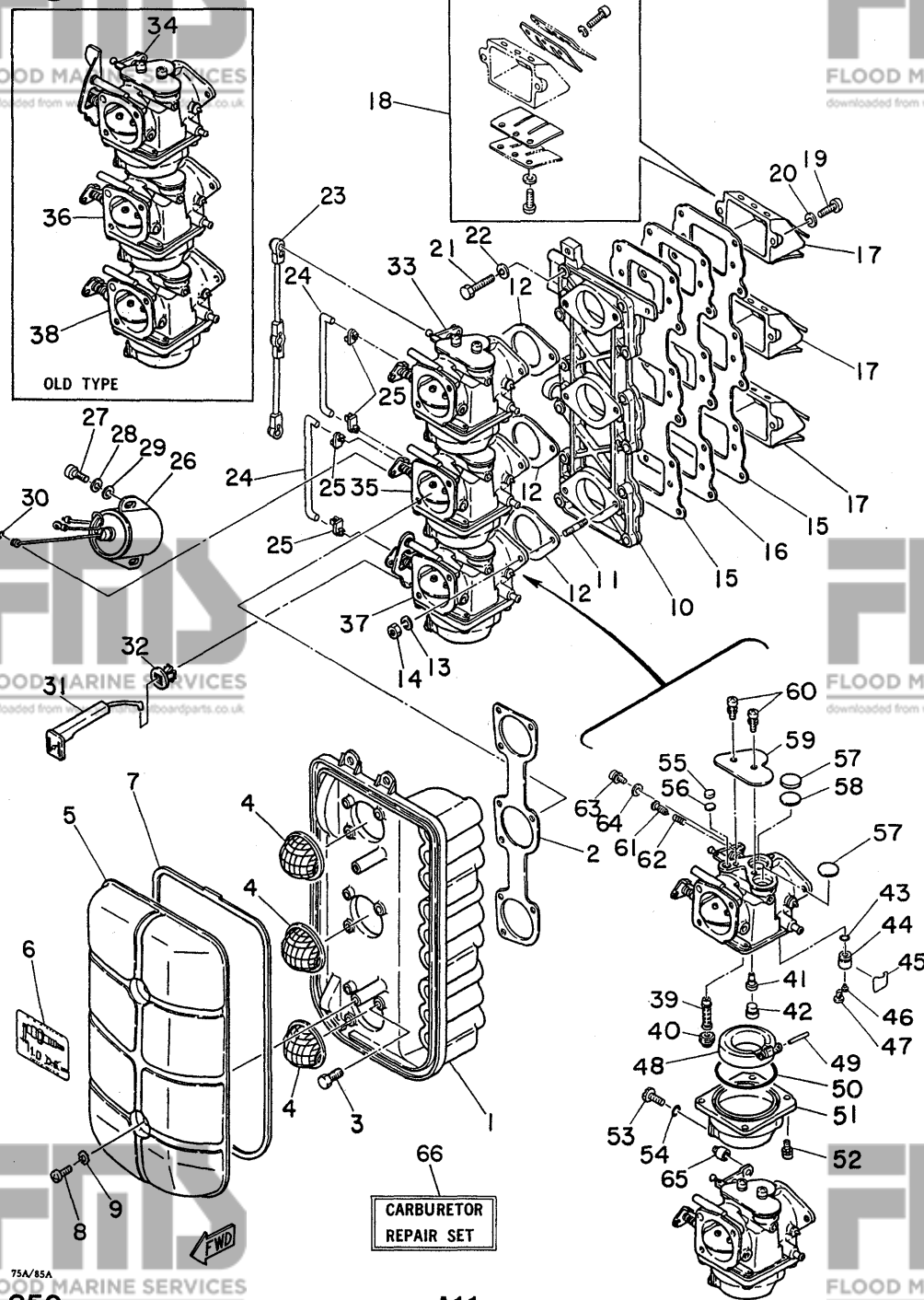
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-W0090-00	CRANK CYLINDER ASS'Y (85AE Model) (Ref. No. 2 to 70)	1	45 *	688-41113-00-9M	OUTER COVER, exhaust	1
2 *	688-15100-00-94	CRANKCASE ASS'Y	1	46 *	688-41113-00-94	OUTER COVER, exhaust	1
3	688-11370-00	CHECK VALVE ASS'Y	2	47	97313-08040	BOLT	18
4	650-11370-00	CHECK VALVE ASS'Y	1	48	97323-08040	BOLT	18
5	624-14485-00	PIPE, joint	3	49	93102-36M02	OIL SEAL (SA-366-466-6mm)	1
6	663-11518-01	LOCK, bearing	3	50	93310-636U4	BEARING, needle	1
7	97313-06025	BOLT	12	51	688-11411-00	CRANK SHAFT	1
8	90201-06043	WASHER (6.46-12.56-2.0mm)	12	52	93310-835U8	BEARING, needle	2
9	97313-10055	BOLT	6	53	93306-206U1	BEARING (B6206)	1
10	90201-10430	WASHER (10.56-186-2.3mm)	8	54	93410-32M00	CIRCLIP (S-326)	1
11	95313-10600	NUT	2	55	688-15359-00-94	HOUSING, oil seal	1
12	90445-07260	HOSE (2.56-76-276mm)	1	56	93102-30M05	OIL SEAL (SD-306-476-7mm)	1
13	90445-07M00	HOSE (2.56-76-100mm)	1	57	93104-20M02	OIL SEAL (SO-206-326-5mm)	1
14	90445-07M23	HOSE (2.56-76-180mm)	1	58	93210-62269	O-RING (2.46-61.56)	1
15	90467-06016	CLIP	6	59	688-15379-00	SEAL, crankcase	1
16	93608-12063	PIN, dowel B (86-12mm)	2	60 *	97395-06020	BOLT	3
17	90116-10M06	BOLT, stud	2	61	97375-06020	BOLT	3
18	688-11325-00	ANODE	2	62	92990-06600	WASHER	3
19 *	98680-04016	SCREW, ovalhead	2	63	688-11650-00	CONNECTING ROD ASS'Y	3
20	98680-04015	SCREW, ovalhead	2	64	90109-08462	BOLT	6
21	90480-24M04	GROMMET	1	65	93310-730U7	BEARING, needle	3
22	688-11119-00	HANGER, engine	1	66	688-11631-01-95	PISTON (Standard)	3
23	97313-08020	BOLT	2	67	688-11631-01-96	PISTON (Standard)	3
24	92903-08100	WASHER	2	68	688-11631-01-97	PISTON (Standard)	3
25	688-11111-00-94	HEAD, cylinder (85AE Model)	1	69	688-11635-01	PISTON (Over Size 82.25mm)	3
26	688-11181-00	GASKET, cylinder head	1	70	688-11636-01	PISTON (Over Size 82.50mm)	3
27	97313-08060	BOLT	14	71	688-11610-01	PISTON RING SET (Standard)	35
28	648-11175-00	WASHER, holding 1	14	72	688-11610-11	PISTON RING SET (Over Size 82.25mm)	35
29	90340-14M00	PLUG, straight screw	1	73	688-11610-21	PISTON RING SET (Over Size 82.50mm)	35
30 *	688-11191-00-9M	COVER, cylinder head	1	74	663-11633-00	PIN, piston	3
31	688-11193-00	GASKET, head cover	1	75	663-11634-00	CLIP, piston pin	6
32	97313-06025	BOLT	18	76	93603-21111	BEARING, small end	84
33	92903-06600	WASHER	18	77	90201-20417	WASHER (20.46-24.46-1.4mm)	6
34	90480-20M05	GROMMET	1	78	90157-06013	SCREW	1
35	688-12416-00	VALVE, pressure control	1	79	688-44194-00	CAP	1
36	90501-16M11	SPRING, compression	1	80	95303-06700	NUT	1
37	688-12411-00	THERMOSTAT	1	81	90465-12M03	CLAMP, cord	1
38	688-12413-00-94	COVER, thermostat	1	82	97313-06010	BOLT	1
39	688-12414-00	GASKET, cover	1	83	92903-06100	WASHER	1
40	97313-06035	BOLT	4	84	663-24312-01	HOSE 2	1
41	92903-06600	WASHER	4	85	90467-08004	CLIP	2
42	94701-00160	PLUG, spark (B-8HS 10) NGK	3	86	688-82560-00	THERMO-SWITCH ASS'Y	1
43 *	688-41111-00-9M	INNER COVER, exhaust	1	87	688-82588-00	PLATE	1
44	688-41112-00	GASKET, exhaust inner cover	2	88	688-W0001-00	POWER HEAD GASKET KIT	15

* New parts number

* Not shown

* Contents of power head gasket kit

Fig. 6 INTAKE '80/'81



A11

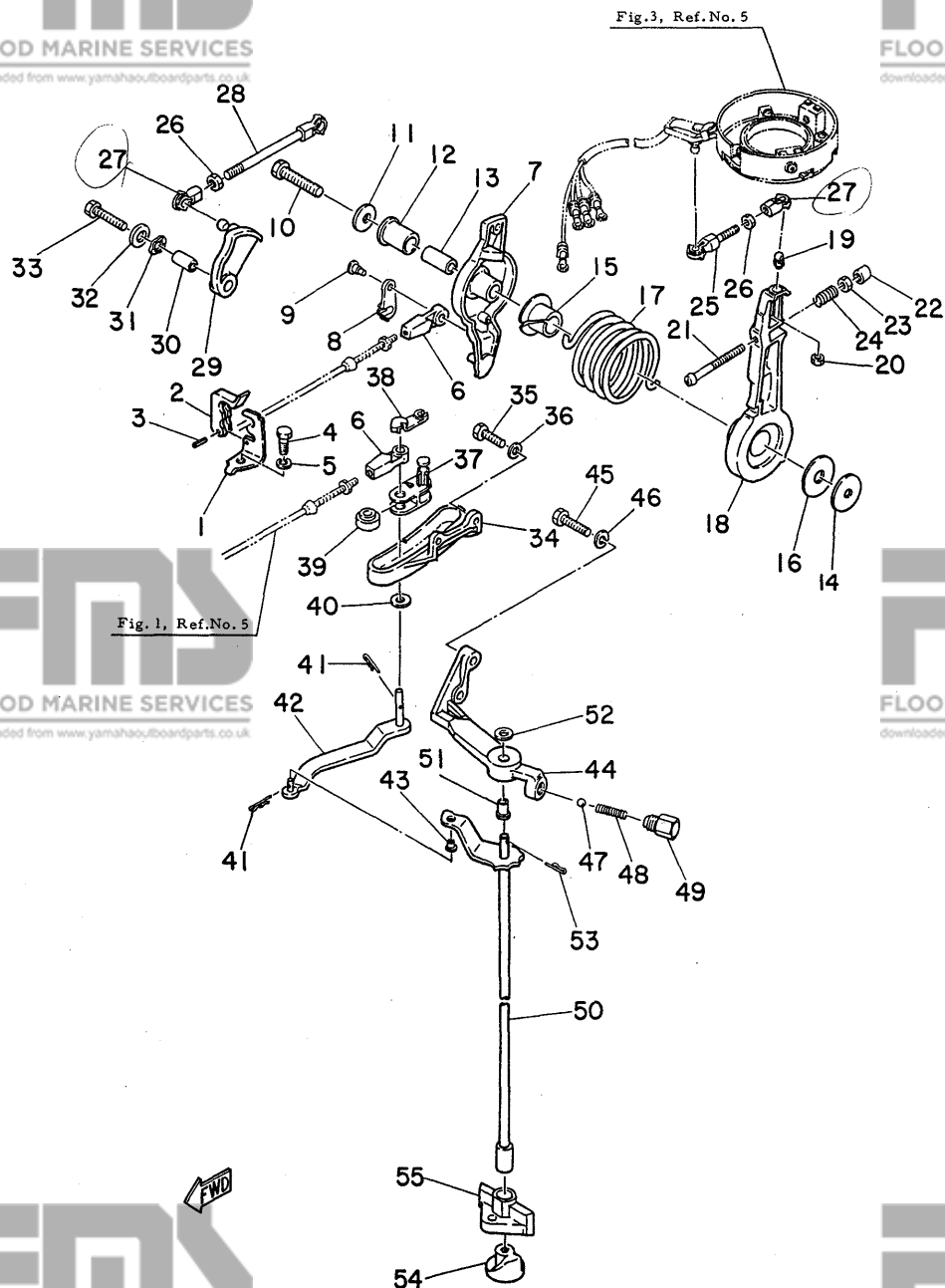
INTAKE '80/'81

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-14417-00-94	COVER 1	1	▶ 37 *	688-14303-02	CARBURETOR ASS'Y (Lower) (85AE Model)	1 B
2	688-14483-00	GASKET, plate	1	▶ *	692-14303-20	CARBURETOR ASS'Y (Lower) (75AE Model)	1 B
3	97313-06018	BOLT	6	▶ 38	688-14303-01	CARBURETOR ASS'Y (Lower) (85AE Model)	1 B
4	688-14481-00	CAP, carburetor	3	▶ *	692-14303-01	CARBURETOR ASS'Y (Lower) (75AE Model)	1 B
5	688-14418-00	COVER 2	1	39	688-14947-00	. NOZZLE, main (85AE Model)	3
6	663-83621-00	MARK 1 (85AE Model)	1	▶ *	692-14947-00	. NOZZLE, main (75AE Model)	3
6	692-83621-00	MARK 1 (75AE Model)	1	▶ 40 *	676-14943-40	. JET, main (#165) (85AE Model)	3 B
7	688-14416-00	GASKET, air cleaner	1	▶ *	676-14943-42	. JET, main (#175) (Upper) (85AE Model)	1 B
8	97803-06016	SCREW, panhead	2	▶ *	676-14943-41	. JET, main (#170) (Center, Lower) (85AE Model)	2 B
9	90209-06M05	WASHER, tooth	2	▶ *	676-14943-42	. JET, main (#175) (75AE Model)	3
10	688-13641-00-94	MANIFOLD, intake 1	1	41	676-14948-19	. JET, slow (#80) (85AE Model)	3
11	90116-06122	BOLT, stud	6	▶ *	676-14948-25	. JET, slow (#95) (75AE Model)	3
12	688-14198-00	GASKET	3	42	676-14966-00	. CAP	3
13	92903-06100	WASHER	6	▶ 43	93210-04228	. O-RING	3
14	95303-06600	NUT	6	▶ 44	688-14590-00	. VALVE SEAT ASS'Y	3
15	688-13621-00	PACKING, valve seat 1	2	45	663-14159-00	. CLIP	3
16	688-13624-00	PLATE, reed valve	1	▶ 46	676-14186-00	. PIN, valve	3
17	688-13610-00	REED VALVE ASS'Y (85AE Model)	3	47	688-14592-00	. SCREW, panhead	3
17	692-13610-00	REED VALVE ASS'Y (75AE Model)	3	▶ 48 *	676-14985-01	. FLOAT COMP.	3
18	688-W0004-00	. REED SET (85AE Model)	35	▶ *	676-14985-00	. FLOAT COMP.	3
18	692-W0004-00	. REED SET (75AE Model)	35	▶ 49	688-14548-00	. PIN, float	3
19	97803-05020	SCREW, panhead	6	▶ 50	676-14984-00	. O-RING	3
20	92903-05100	WASHER	6	51	688-14980-00	. BODY, float chamber	3
21	97313-06030	BOLT	12	▶ 52	90159-04M00	. SCREW, with washer	12
22	92903-06100	WASHER	12	53	663-14992-00	. SCREW, drain	3
23	688-41217-00	ROD, accel. lever	1	▶ 54	93210-04230	. O-RING	3
24	688-41257-00	ROD, choke link 2	2	▶ 55	663-14126-00	. PACKING	3
25	661-41262-02	JOINT, choke lever	4	56	663-14527-00	. PLATE	3
26	688-86110-00	SOLENOID COIL ASS'Y	1	57	688-14126-00	. PACKING	6
27	97803-06014	SCREW, panhead	2	58	688-14527-00	. PLATE	3
28	92903-06100	WASHER	2	59	688-14572-00	. STAY, plate	3
29	92903-06200	WASHER	2	60	90159-05017	. SCREW, with washer	6
30	93210-03261	O-RING (1.26-2.86)	1	▶ 61	679-14923-00	. SCREW, adjusting	3
31 *	692-41256-00	ROD, choke link	1 B	62	90501-08214	. SPRING, compression	3
32 *	689-41273-00	GROMMET	1 B	63	663-14592-00	. SCREW (Upper, Lower)	2
33 *	688-14301-02	CARBURETOR ASS'Y (Upper) (85AE Model)	1 B	64	90201-05652	. WASHER (Upper, Lower)	2
33 *	692-14301-20	CARBURETOR ASS'Y (Upper) (75AE Model)	1 B	65	676-14578-00	. COLLAR (Center)	1
34	688-14301-01	CARBURETOR ASS'Y (Upper) (85AE Model)	1 B	▶ 66	688-W0093-00	CARBURETOR REPAIR SET	15
34 *	692-14301-01	CARBURETOR ASS'Y (Upper) (75AE Model)	1 B				
35 *	688-14302-02	CARBURETOR ASS'Y (Center) (85AE Model)	1 B				
35 *	692-14302-20	CARBURETOR ASS'Y (Center) (75AE Model)	1 B				
36	688-14302-01	CARBURETOR ASS'Y (Center) (85AE Model)	1 B				
36 *	692-14302-01	CARBURETOR ASS'Y (Center) (75AE Model)	1 B				

A12

- * New parts number
- ▶ Not shown
- Contents of power head gasket kit (Parts No. 688-W0001-00)
- ◆ Contents of carburetor repair set

Fig. 7 CONTROL -'80/'81

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CONTROL -'80/'81

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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	90206-10M04	WASHER, wave (10.54-184-0.3mm)	1
2	663-48538-00	CLAMP, cable 1	1	32	90201-06068	WASHER (6.54-204-2.0mm)	1
3	91690-30012	PIN, spring	1	33	97313-06035	BOLT	1
4	97313-08016	BOLT	1	34	688-44117-00-94	BRACKET	1
5	92903-08100	WASHER	1	35	97313-06020	BOLT	2
6	663-48344-00	CABLE END, remote control	2	36	92903-06600	WASHER	2
7	688-41632-00-94	LEVER, magneto control 1	1	37	688-44124-00	LINK, shift rod	1
8	688-44171-00	LOCK LEVER	1	38	688-44171-00	LOCK, lever	1
9	90249-05125	PIN	1	39	688-44122-00	BUSHING, shift rod lever	1
10	97313-08045	BOLT	1	40	90202-07M07	WASHER (7.54-164-1mm)	1
11	90201-08M23	WASHER (8.24-264-1.6mm)	1	41	90468-18008	PIN, hair	2
12	90386-12089	BUSHING	1	42	688-44121-00	LEVER, shift rod 1	1
13	90387-08M16	COLLAR (8.84-124-29.8mm)	1	43	90386-06M12	BUSHING	1
14	90201-08M13	WASHER (8.24-334-2.5mm)	1	44	688-44118-00-94	BRACKET 2	1
15	90386-22M13	BUSHING	1	45	97313-08030	BOLT	2
16	90202-12092	WASHER (12.54-364-1mm)	1	46	92903-08100	WASHER	2
17	90508-29M05	SPRING, torsion	1	47 *	93501-04M02	BALL (1/4")	1
18	688-41631-00-94	LEVER, magneto control 1	1	*	93501-04011	BALL (1/4")	1
19	663-85518-00	JOINT, ball	1	48	90501-12082	SPRING, compression	1
20	95303-05700	NUT	1	49	648-42715-00	BUSHING 2	1
21	90157-06014	SCREW	1	50	688-44120-10	HANDLE GEAR SHIFT ASS'Y (Long 516mm)	1
22	688-44194-00	CAP	1	● *	688-44120-20	HANDLE GEAR SHIFT ASS'Y (Ultra Long 643mm)	1
23	95303-06600	NUT	1	51	90386-08006	BUSHING	1
24	90501-16M12	SPRING, compression	1	52	92990-08200	WASHER	1
25	688-41636-00	ROD, magneto control	1	53	90468-18008	PIN, hair	1
26	95303-05600	NUT	2	54	688-44155-00	CAM, reverse rod	1
27	662-41237-01	JOINT, link 2	2	55	663-43662-00	GUIDE, reverse rod	1
28	688-41211-00	LINK, accel.	1				
29	688-41213-00	CAM, accel.	1				
30	90387-06M17	COLLAR (6.84-104-20mm)	1				

* New parts number

* Not shown

● Contents of extension kit (Parts No. 688-W0072-00)

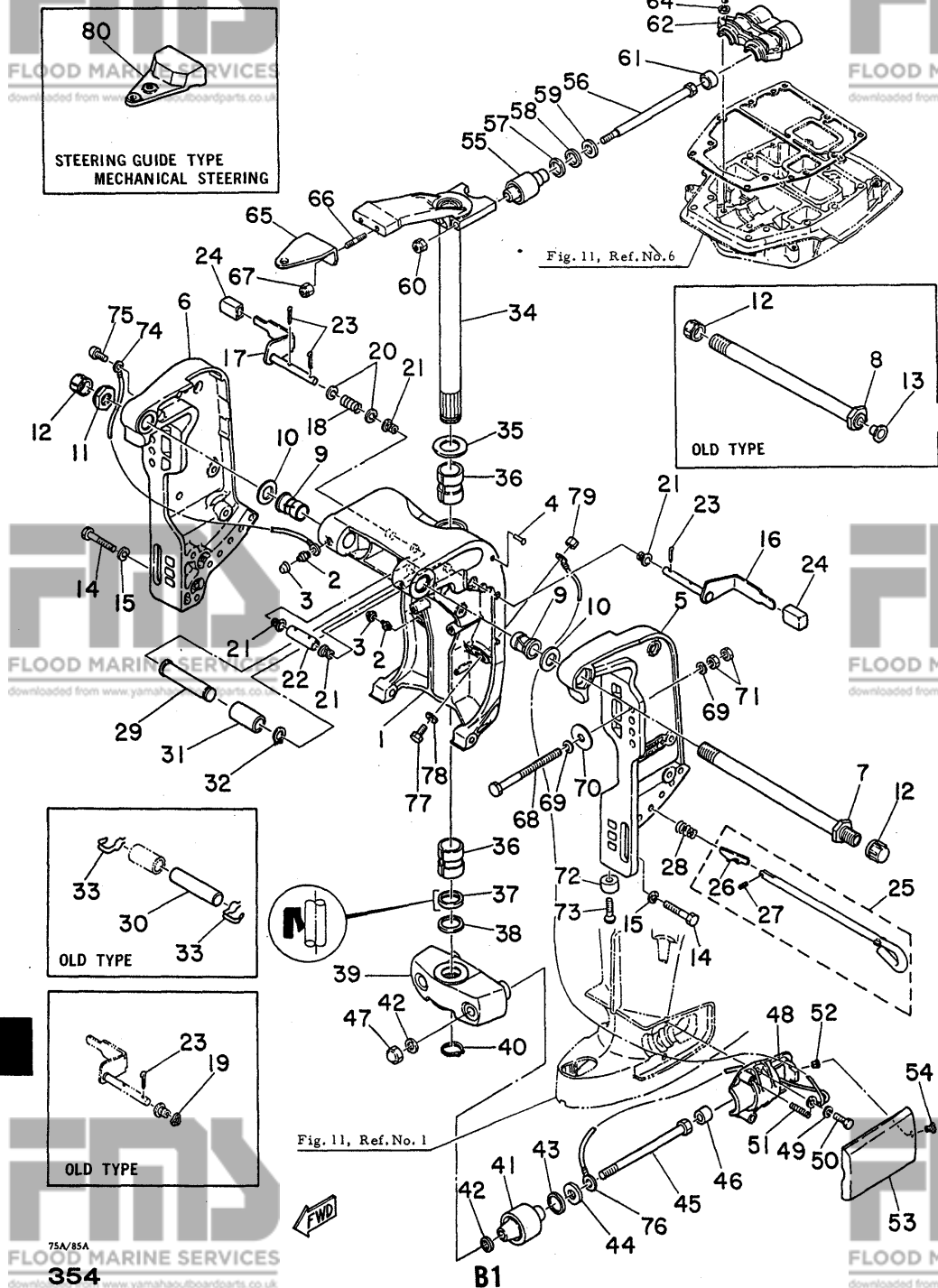
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Fig. 8 BRACKET I -'80/'81

BRACKET I -'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-43311-00-F6	BRACKET, swivel 1	1	39	663-44551-01-F6	HOUSING, lower mount	1
2	93700-06004	NIPPLE, grease	3	40	93410-28M01	CIRCLIP (S-286)	1
3	663-45119-00	CAP, grease nipple	3	41	688-44555-00-94	MOUNT RUBBER, lower side	2
4	90269-03010	RIVET	1	42	90201-12M16	WASHER (12.86-22.56-3mm)	4
5	688-43111-01-F6	BRACKET, clamp 1	1	43	90202-25M04	WASHER (25.6-35.6-4.9mm)	2
6	688-43111-00-F6	BRACKET, clamp 1	1	44	90201-13M19	WASHER (13.6-34.6-4mm)	2
7	688-43112-01-F6	BRACKET, clamp 2	1	45	90109-12261	BOLT	2
8	688-43112-00-F6	BRACKET, clamp 2	1	46	663-44575-00	DAMPER, lower mount rubber 1	2
9	688-43131-01	BOLT, clamp bracket	1	47	95380-12800	NUT, crown	2
10	688-43131-00	BOLT, clamp bracket	1	48	687-44552-00-94	HOUSING, lower mount rubber	2
11	90386-22M15	BUSHING	2	49	92990-08100	WASHER	4
12	90201-22428	WASHER (22.56-37.6-0.5mm)	2	50	97375-08025	BOLT	4
13	90185-22043	NUT, self-locking	1	51	90501-14236	SPRING, compression	4
14	663-43145-00	CAP, clamp bracket	2	52	90179-06066	NUT	2
15	663-43145-00	CAP, clamp bracket	1	53	663-44553-00-F6	COVER, lower mount	2
16	688-43146-00	CAP, clamp bracket	1	54	92380-06015	SCREW, cylinderhead	2
17	97375-10050	BOLT	4	55	688-44514-00-94	MOUNT RUBBER, upper side	2
18	97380-10050	BOLT	4	56	90101-10M49	BOLT	2
19	92990-10010	WASHER	4	57	90201-20M21	WASHER (21.6-28.6-3mm)	2
20	688-43181-01	LEVER, tilt stop 1	1	58	90202-20M06	WASHER (21.6-30.6-4.9mm)	2
21	688-43181-00	LEVER, tilt stop 1	1	59	90201-11M22	WASHER (11.26-28.6-3mm)	2
22	688-43185-01	LEVER, tilt stop 2	1	60	90185-10051	NUT, self-locking	2
23	688-43185-00	LEVER, tilt stop 2	1	61	663-44575-00	DAMPER, lower mount rubber 1	2
24	90501-10M21	SPRING, compression	1	62	688-44511-00-94	COVER, upper mount rubber	1
25	90206-10M08	WASHER, wave	1	63	97375-08035	BOLT	3
26	92990-10200	WASHER	2	64	92990-08100	WASHER	3
27	90386-10M19	BUSHING	4	65	663-48511-00-F6	HOOKE, steering	1
28	90387-10M20	COLLAR	1	66	90116-10175	BOLT, stud	2
29	91490-30025	PIN, cotter	3	67	90185-10051	NUT, self-locking	2
30	91490-30025	PIN, cotter	2	68	90101-12M51	BOLT	4
31	663-43318-00	COVER	2	69	92990-12200	WASHER	8
32	688-43160-00	TILT ROD ASS'Y	1	70	90201-12426	WASHER (12.56-38.6-3mm)	4
33	688-43165-00	STOPPER PLATE	1	71	95380-12600	NUT	8
34	91690-30012	PIN, spring	1	72	688-42512-00	ANODE	1
35	90502-16M02	SPRING, conical	1	73	92180-06025	SCREW, ovalhead	1
36	688-43126-01	PIN, upper shock mount	1	74	688-82148-00	WIRE, lead 4	1
37	688-43126-00	PIN, upper shock mount	1	75	97890-06012	SCREW, panhead	1
38	90386-18M21	BUSHING	1	76	688-82127-00	WIRE, lead 3	1
39	93410-18M02	CIRCLIP	1	77	97380-08025	BOLT	1
40	688-43188-00	SPRING	2	78	92990-08400	WASHER, tooth	1
41	688-42510-00-F6	BRACKET STEERING ASS'Y	1	79	95380-08600	NUT	1
42	90201-30420	WASHER (30.56-50.6-2mm)	1				
43	90386-30048	BUSHING	2				
44	93104-30048	OIL SEAL (S0-30.6-40.6-6mm)	1				
45	90201-31418	WASHER (31.6-46.6-2mm)	1				

STEERING GUIDE TYPE
MECHANICAL STEERING

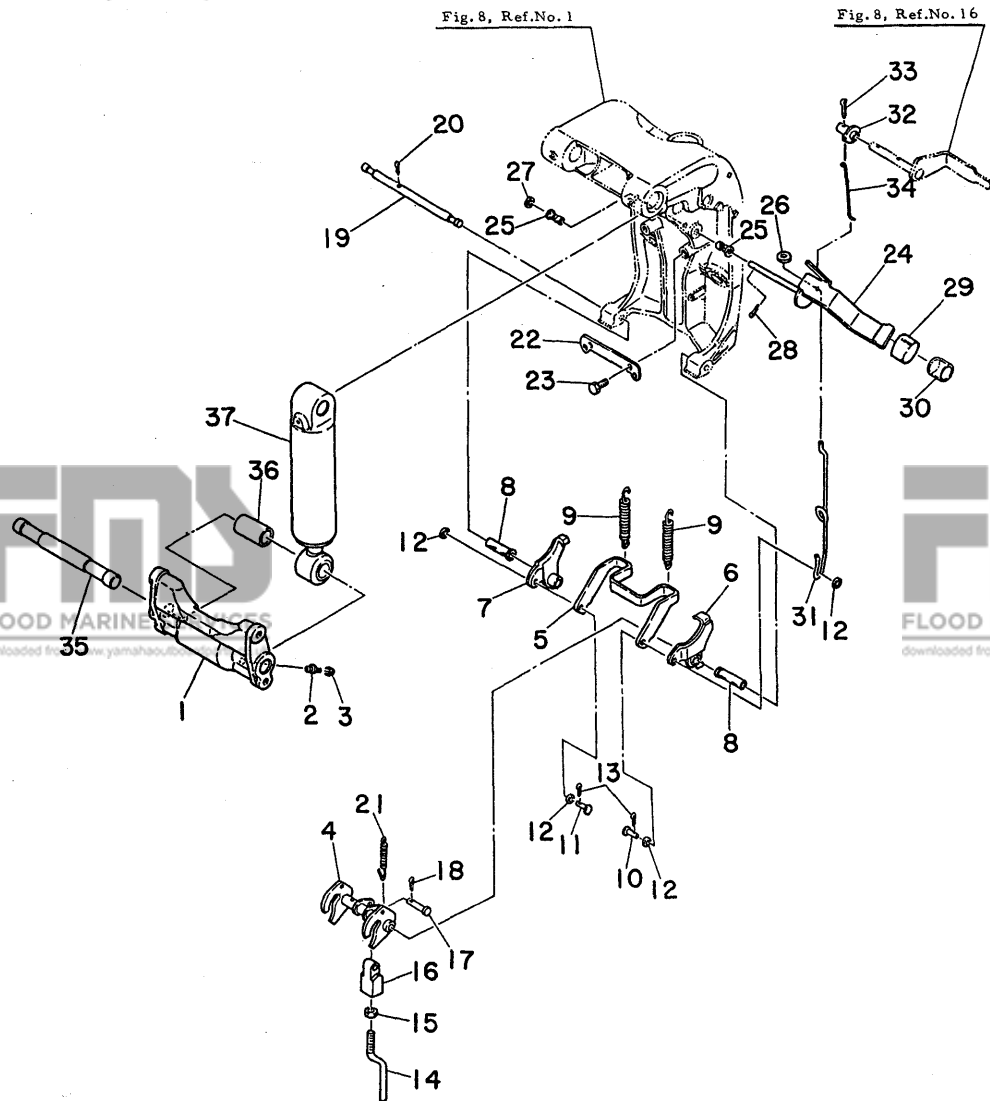
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> 75AE L: 303746 and up UL: 700501 and up	> 75AE L: 400813 and up UL: 750121 and up	> 75AE L: 300916 and up UL: 700121 and up	> 75AE L: 400196 and up UL: 750101 and up	* Not shown
<< 75AE L: 301455 and below UL: 700155 and below	<< 75AE L: 400101 and up UL: 750101 and up	<< 75AE L: 300101 and up UL: 700101 and up	<< 75AE L: 400101 and up UL: 750101 and up	
>> 75AE L: 301456 and up UL: 700156 and up	>> 75AE L: 400102 and up UL: 750102 and up	>> 75AE L: 300102 and up UL: 700102 and up	>> 75AE L: 400102 and up UL: 750102 and up	
Q 75AE L: 304525 and below UL: 700310 and below	Q 75AE L: 401440 and below UL: 750130 and below	Q 75AE L: 301095 and below UL: 700130 and below	Q 75AE L: 400530 and below UL: 750130 and below	
Q 75AE L: 304526 and up UL: 700311 and up	Q 75AE L: 401441 and up UL: 750131 and up	Q 75AE L: 301096 and up UL: 700131 and up	Q 75AE L: 400531 and up UL: 750131 and up	
Q 75AE L: 304528 and up UL: 700311 and up	Q 75AE L: 401381 and up UL: 750131 and up	Q 75AE L: 301098 and up UL: 700131 and up	Q 75AE L: 400531 and up UL: 750131 and up	

Fig. 9 BRACKET 2 -'80/'81

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Fig. 8, Ref.No. 1

Fig. 8, Ref.No. 16



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-43128-00	SPACER, clamp bracket	1	19	688-43611-00	SHAFT, tilt lock	1
2	93700-06004	NIPPLE, grease	2	20	91490-30025	PIN, cotter	1
3	663-45119-00	CAP, grease nipple	2	21	90506-14M04	SPRING, tension	1
4 *	688-43610-01	TILT LOCK ASS'Y	1	22	688-43677-00	STOPPER, hook	1
▲ *	688-43610-00	TILT LOCK ASS'Y	1	23 *	97395-06016	BOLT	2
5	688-43613-00	ARM, tilt lock	1	※	97890-06016	SCREW, panhead	2
6	688-43624-00	PLATE, tilt lock 3	1	24	688-43630-00	TILT LEVER ASS'Y	1
7	688-43625-00	PLATE, tilt lock 4	1	25	90386-08032	BUSHING	2
8	90386-10M19	BUSHING	2	26	90202-08M08	WASHER (8.16-206-4.5mm)	1
9	90506-26M05	SPRING, tension	2	27	92990-08600	WASHER	1
10	90240-06M01	PIN	1	28	91490-20012	PIN, cotter	1
11	90240-06M00	PIN	1	29	688-43317-00	GRIP	1
12	92990-06200	WASHER	4	30	688-43679-00	COVER	1
13	91490-20012	PIN, cotter	2	31	688-43617-00	ROD, tilt lock 2	1
14	688-43616-10	ROD, tilt lock 1 (Long)	1	32	688-43184-00	COLLAR, anchor lever	1
● *	688-43616-20	ROD, tilt lock 1 (Ultra Long)	1	33	91490-30025	PIN, cotter	1
15	95390-08600	NUT	1	34	688-43676-00	HOOK	1
16	688-43653-00	NUT, connection	1	35	688-43124-00	PIN, lower shock mount	1
17	91590-08030	PIN, clevis	1	36	90386-18M21	BUSHING	1
18	91490-20012	PIN, cotter	1	▶ 37 *	688-43170-01	SHOCK ABSORBER ASS'Y	1
				▲ *	688-43170-00-F6	SHOCK ABSORBER ASS'Y	1

▲ { 85AE L: 304750 and below
 UL: 700310 and below
 85AET L: 401545 and below
 UL: 750130 and below
 75AE L: 301210 and below
 UL: 700140 and below
 75AET L: 400550 and below
 75AE L: 304751 and up
 UL: 700311 and up
 85AET L: 401546 and up
 UL: 750131 and up
 75AE L: 301211 and up
 UL: 700141 and up
 75AET L: 400551 and up
 UL: 750101 and up

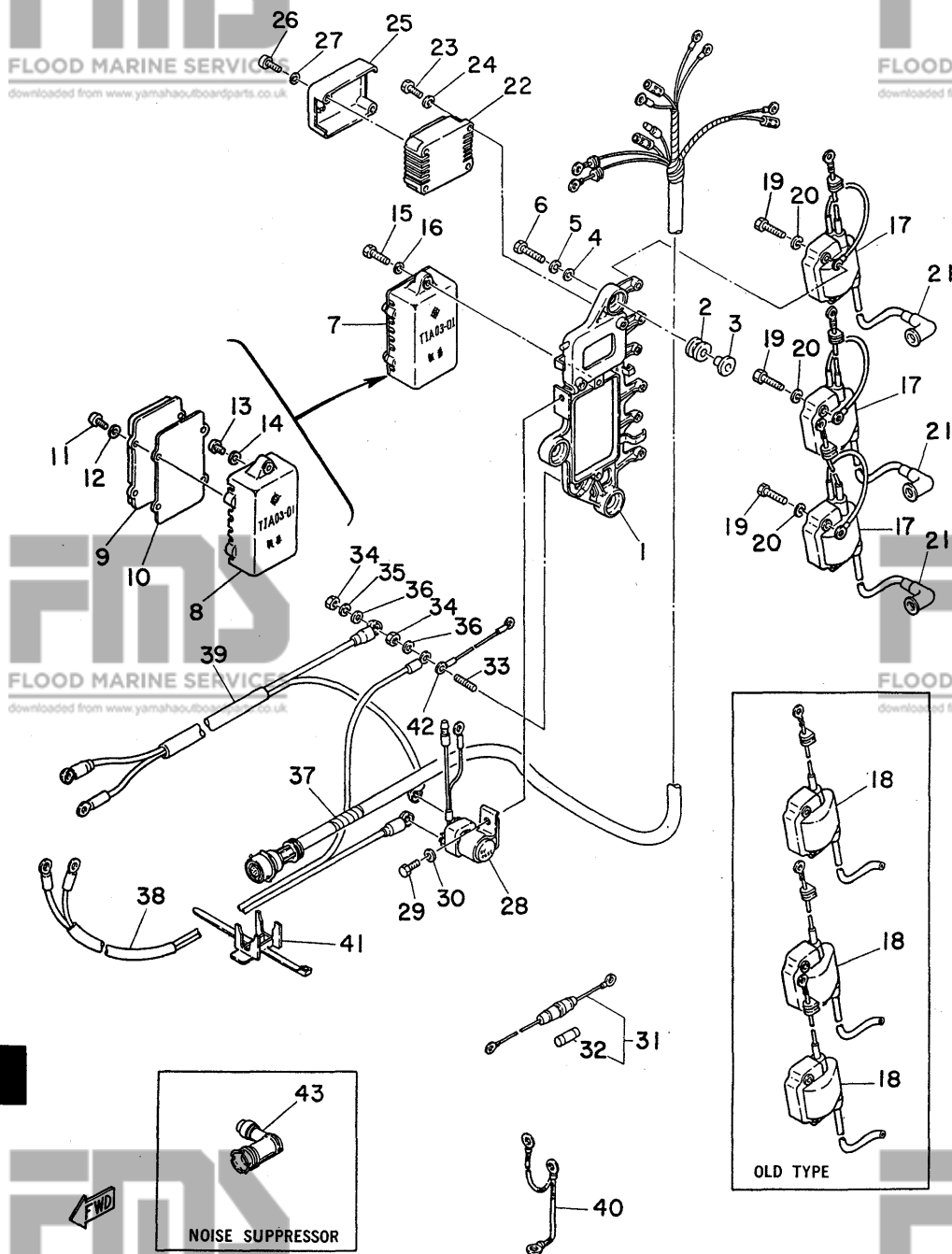
* New parts number

※ Not shown

● Contents of extension kit (Parts No. 688-W0072-00)

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Fig. 10 ELECTRIC PARTS -'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
①	688-85542-00-94	BRACKET	1	22	688-81960-60	RECTIFIER & REGULATOR ASS'Y	1
2	90480-15064	GROMMET	3	23	97313-06020	BOLT	2
3	90387-06M03	COLLAR	3	24	92903-06600	WASHER	2
4	90201-06416	WASHER (6.5φ-26φ-1.6mm)	3	25	688-81961-00	COVER	1
5	92903-06100	WASHER	3	26	97803-05025	SCREW, panhead	2
6	97313-06030	BOLT	3	27	92903-05600	WASHER	2
▶ 7 *	688-85540-11	C.D.I. UNIT ASS'Y	1	▶ 28 *	688-81940-11	STARTER RELAY ASS'Y	1
▶ 8 *	688-85540-10	C.D.I. UNIT ASS'Y	1	▶ 29 *	688-81940-10	STARTER RELAY	1
8	688-85544-10	CASE	1	29 *	97395-06016	BOLT	1
▶ 9 *	688-85537-11	COVER	1	30	92903-06600	WASHER	1
▶ 10 *	688-85537-10	COVER	1	31	688-82150-00	FUSE HOLDER ASS'Y	1
10	688-85547-10	DAMPER	1	32	663-82151-00	FUSE (12V-20A)	1
11	97890-05010	SCREW, panhead	4	33	90116-06M07	BOLT, stud	1
▶ 12 *	92990-05200	WASHER	4	34	95390-06600	NUT	2
13	98503-04008	SCREW, panhead	14	35	92990-06100	WASHER	1
▶ 14 *	92990-04200	WASHER	14	36	92990-06200	WASHER	2
15 *	97395-06025	BOLT	2	37	688-82590-00	WIRE HARNESS ASS'Y	1
16 *	97313-06025	BOLT	2	38	688-82105-00	WIRE LEAD ASS'Y	1
16 *	92903-06200	WASHER	2	39	688-82531-00	WIRE, lead	1
▶ 17 *	697-85570-10	IGNITION COIL ASS'Y	3	40 *	697-82519-00	WIRE, earth lead	1
▶ 18	663-85570-12	IGNITION COIL ASS'Y	3	▶ 41 *	662-82519-00	WIRE, earth lead	1
19 *	97313-06030	BOLT	6	41	688-82594-00	CLAMP	1
20	92903-06100	WASHER	6	42	688-83354-00	WIRE, earth lead	1
21	663-82370-01	PLUG CAP ASS'Y	3	43	677-82370-00	PLUG CAP ASS'Y (Noise Suppressor)	3

▶ 85AE L: 304750 and below
 UL: 700310 and below
 85AET L: 401545 and below
 UL: 750130 and below
 75AE L: 301210 and below
 UL: 700140 and below
 75AET L: 400550 and below
 85AE L: 304751 and up
 UL: 700311 and up
 85AET L: 401546 and up
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 75AE L: 301211 and up
 UL: 700141 and up
 75AET L: 400551 and up
 UL: 750101 and up

* New parts number
 * Not shown

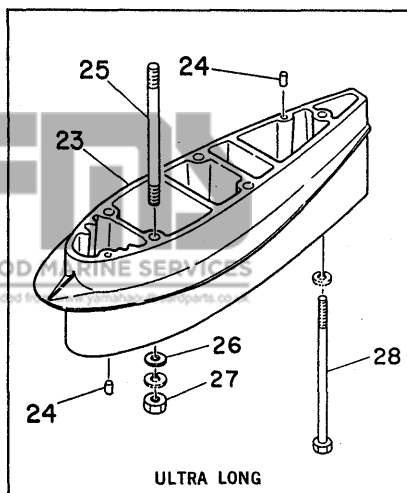
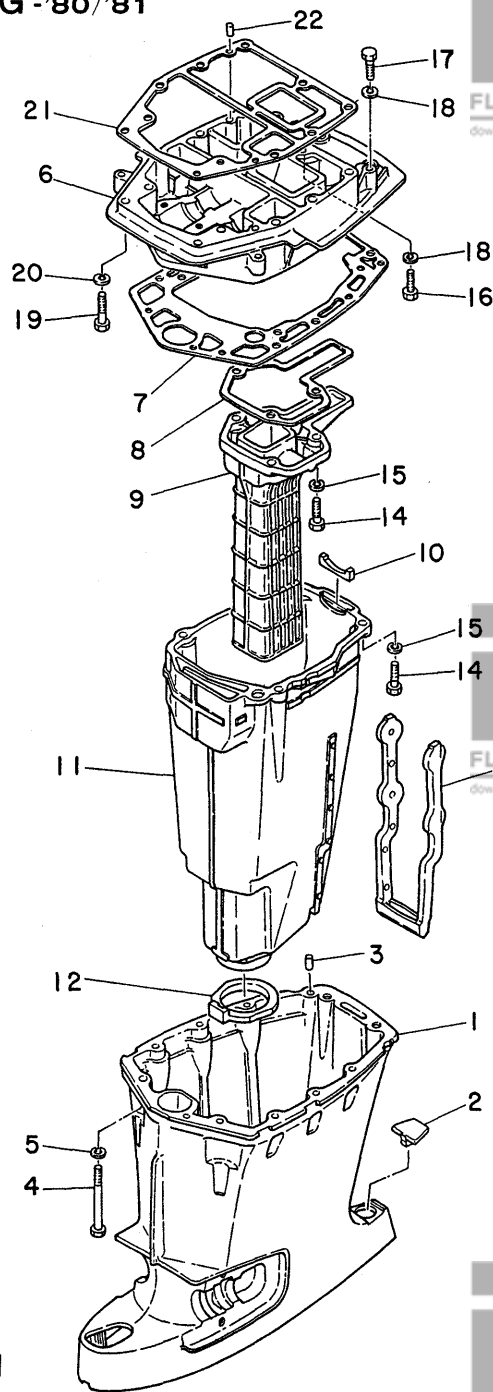
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NOISE SUPPRESSOR

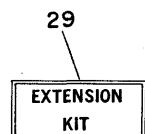
Fig. 11 UPPER CASING -'80/'81

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UPPER CASING -'80/'81

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ULTRA LONG

EXTENSION
KIT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1 *	688-45111-01-F6	CASING, upper	1	18	92990-08100	WASHER	3
*	688-45111-00-F6	CASING, upper	1	19	97375-08035	BOLT	2
2	663-45155-10	CAP	1	20	92990-08100	WASHER	2
3	93606-12019	PIN, dowel B (66-12mm)	2	21	688-45113-00	GASKET, upper casing 1	1
4	90101-08M50	BOLT	8	22	93606-12019	PIN, dowel B (66-12mm)	2
5	92990-08100	WASHER	8	ULTRA LONG			
6	688-41137-00-94	GUIDE, exhaust	1	23	688-45211-00-F6	EXTENSION (127mm)	1
7	688-45114-00	GASKET, upper casing 2	1	24	93606-12019	PIN, dowel B (66-12mm)	4
8	688-41134-00	GASKET, exhaust manifold 2	1	25	90116-10M05	BOLT, stud	4
9 *	688-41131-00-9M	MANIFOLD, exhaust	1	26	92990-10600	WASHER	4
*	688-41131-00-94	MANIFOLD, exhaust	1	27 *	95380-10600	NUT	4
10	688-41133-00	GASKET, exhaust manifold 1	1				
11 *	688-14711-00-9M	MUFFLER	1	*	95380-10500	NUT	4
*	688-14711-00-94	MUFFLER	1	28 *	97375-08100	BOLT with washer	1
12	688-45123-00	GASKET, muffler	1	*	90101-08M40	BOLT	1
13	663-14737-10	DAMPER, muffler 1	1	29	688-W0072-00	EXTENSION KIT (Ultra Long)	15
14	97375-08030	BOLT	7				
15	92990-08100	WASHER	7				
16	97375-08025	BOLT	1				
17	97375-08030	BOLT	2				

* New parts number

* Not shown

■ Contents of power head gasket kit (Parts No. 688-W0001-00)

▲ Contents of lower unit gasket kit (Parts No. 688-W0001-20)

● Contents of extension kit

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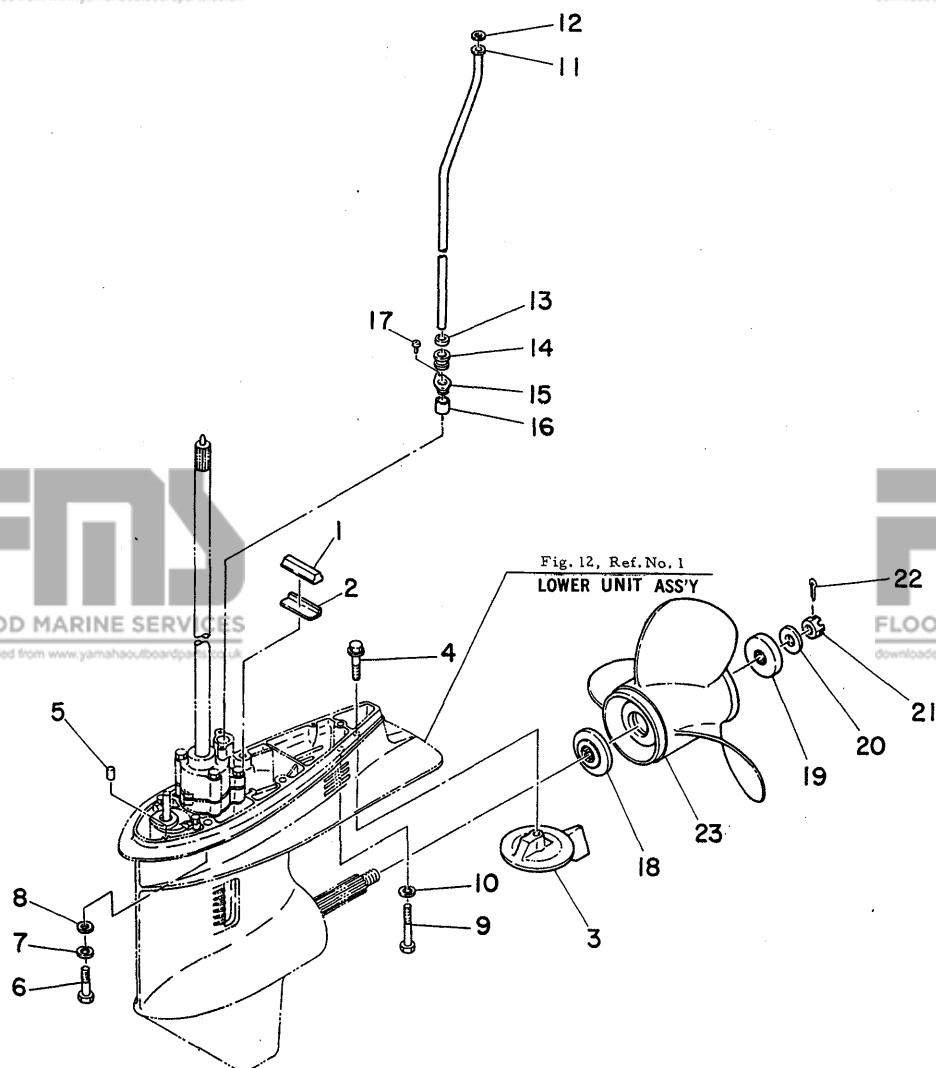
drive shaft 1
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Fig. 13 LOWER & DRIVE 2 -'80/'81

LOWER & DRIVE 2 -'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-45375-00	RUBBER, seal 2	1	18	688-45987-00	SPACER 1	1
2	663-45376-00	GUIDE, seal rubber	1	19	688-45997-00	SPACER 2	1
3 *	688-45371-01	TRIM, tab	1	20	90201-17W25	WASHER (17 ϕ -34 ϕ -5mm)	1
*	688-45371-00	TRIM, tab	1	21	90171-16011	NUT, castle	1
4	90105-10M00	BOLT	1	22 *	91490-30025	PIN, cotter	1
5	93606-12019	PIN, dowel B (6 ϕ -12mm)	2	*	91490-40025	PIN, cotter	1
6	97375-10040	BOLT	4	23	688-45941-00-36	PROPELLER ASS'Y 1 (3X13"X19"-K)	U.R. 1
7	92990-10100	WASHER	4		688-45943-00-36	PROPELLER ASS'Y 2 (3X13"X21"-K)	
8	92990-10600	WASHER	4		688-45945-00-36	PROPELLER ASS'Y 3 (3X13 $\frac{1}{2}$ "X17"-K)	
9 *	97395-08060	BOLT	1		688-45947-00-36	PROPELLER ASS'Y 4 (3X13 $\frac{1}{2}$ "X15"-K)	
*	97375-08060	BOLT	1		688-45949-00-36	PROPELLER ASS'Y 5 (3X14"X13"-K)	U.R. 1
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			
12	90202-12060	WASHER (12 ϕ -18.5 ϕ -2mm)	1	*	688-45970-00	PROPELLER ASS'Y 20 (3X13 $\frac{1}{2}$ "X17"-K)	U.R. 1
▲ 13	90430-12072	GASKET	1	*	688-45972-00	PROPELLER ASS'Y 21 (3X13 $\frac{1}{2}$ "X19"-K)	
14	663-44367-00	RUBBER, water seal 3	1	*	688-45974-00	PROPELLER ASS'Y 22 (3X13"X21"-K)	
15	90480-19M06	GROMMET	1	*	688-45976-00	PROPELLER ASS'Y 23 (3X12 $\frac{1}{2}$ "X23"-K)	
★▲ 16	663-44366-00	RUBBER, 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				

- * New parts number
- * Not shown
- ▲ Contents of lower unit gasket kit (Parts No. 688-W0001-20)
- ★ Contents of water pump repair kit (Parts No. 692-W0078-00)
- Contents of extension kit (Parts No. 688-W0072-00)

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Fig. 6, Ref.No.33 to 38

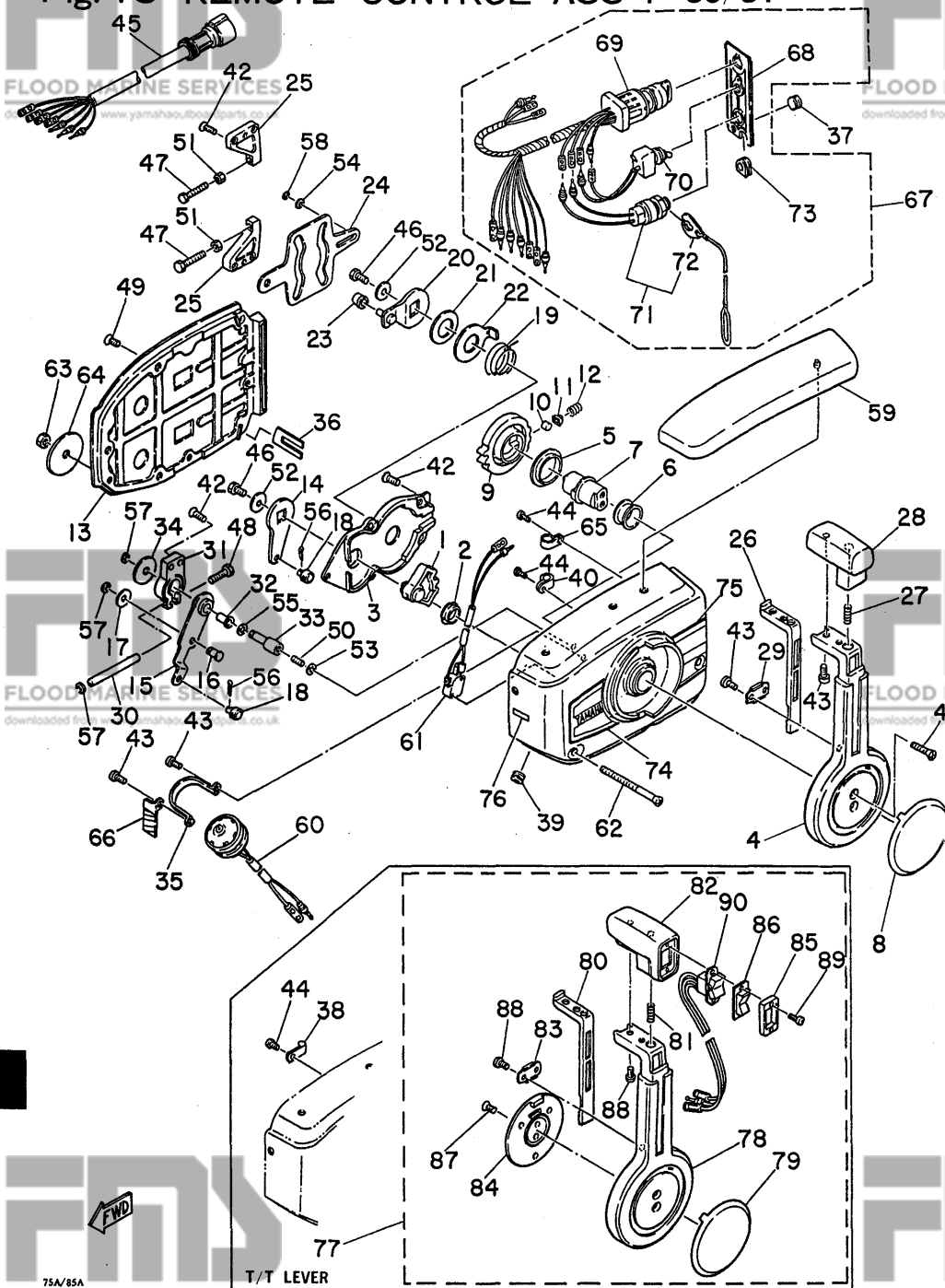
OLD TYPE

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- * New parts number
- ※ Not shown
- Contents of power head gasket kit (Parts No. 688-W0001-00)
- ✦ Also available in 30m rolls (Parts No. 90890-56878)

Fig. 15 REMOTE CONTROL ASS'Y -'80/'81



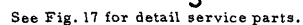
REMOTE CONTROL ASS'Y -'80/'81

Ref.No.	Parts No.	Description	Q'ty STD T/T	Ref.No.	Parts No.	Description	Q'ty STD T/T
* 702-48203-10	REMOTE CONTROL ASS'Y	(See Fig. 1, Ref. No. 1)	1 -	43	702-48282-00	SCREW 2	6 2
* 702-48204-10	REMOTE CONTROL ASS'Y	(See Fig. 1, Ref. No. 2)	1 -	♦ 44	702-48283-00	SCREW 3	3 4
* 702-48205-10	REMOTE CONTROL ASS'Y	(See Fig. 1, Ref. No. 3)	- 1	45	688-82586-20	EXTENSION, wire harness	1 1
* 702-48206-10	REMOTE CONTROL ASS'Y	(See Fig. 1, Ref. No. 4)	- 1	46	97380-06014	BOLT	2 2
1	702-48233-00	GEAR 2	1 1	47	97380-05035	BOLT	2 2
2	702-48235-00	BUSHING 2	1 1	48	97380-05025	BOLT	1 1
3	702-48231-00	HOUSING, gear	1 1	49	92780-06014	SCREW, flathead	5 5
4	702-48221-00	LEVER, control	1 -	50	702-48267-00	BOLT, set	1 1
5	702-48234-00	BUSHING 1	1 1	51	95380-05600	NUT	2 2
6	702-48243-00	BUSHING 3	1 1	52	702-48247-00	WASHER, lock 1	2 2
7	702-48242-00	SHAFT, drive	1 1	53	92990-06300	WASHER, tooth	1 1
8	702-48225-00	COVER	1 -	54	702-48288-00	WASHER	1 1
9	702-48232-00	GEAR 1	1 1	55	92990-08600	WASHER	1 1
10	702-48236-00	ROLLER, detent	1 1	56	91490-25012	PIN, cotter	2 2
11	702-48237-00	ADAPTOR, detent	1 1	57	93430-06024	CIRCLIP (E-66)	3 3
12	702-48238-00	SPRING, detent	1 1	58	93430-04001	CIRCLIP (E-46)	1 1
13	702-48213-00	BACK PLATE (Right)	1 1	59	702-48214-00	PAD (Right)	1 1
* 702-48213-10	BACK PLATE (Left)		1 1	* 702-48214-10	PAD (Left)	1 1	
14	702-48271-00	ARM, shift	1 1	60	688-83383-00	BUZZER	1 1
15	702-48261-00	ARM, throttle (Right)	1 1	61	688-82540-00	NEUTRAL SWITCH ASS'Y	1 1
* 702-48261-10	ARM, throttle (Left)		1 1	62	92680-06090	SCREW, ovalhead	3 3
16	702-48269-00	SET PIN, arm	1 1	63	95380-06600	NUT	3 3
17	702-48268-00	SPACER 3	1 1	64	702-48287-00	WASHER 1	3 3
18	702-48345-00	CABLE END, remote control 2	2 2	65	702-82581-00	STAY, cord clamp	2 2
19	702-48244-00	SPRING, free accel.	1 1	66	702-82589-00	PROTECTOR, wire harness	1 1
20	702-48241-00	ARM, drive	1 1	67	688-82570-20	SWITCH PANEL ASS'Y	1 1
21	702-48246-00	SPACER 1	1 1	68	688-82571-20	SWITCH PANEL	1 1
22	702-48245-00	PLATE, lock	1 1	69	688-82508-10	MAIN SWITCH ASS'Y	1 1
23	702-48252-00	ROLLER, cam	1 1	70	688-82574-00	SWITCH, choke	1 1
24	702-48251-00	PLATE, cam	1 1	71	688-82575-00	KILL SWITCH ASS'Y	1 1
25	702-48254-00	STOPPER, throttle adjusting	2 2	72	663-82556-70	STOPPER	1 1
26	702-48223-00	LOCK, neutral	1 -	73	688-82535-10	GROMMET	1 1
27	702-48227-00	SPRING, neutral lock	1 -	74	702-48215-00	GRAPHIC 1 (Right)	1 1
28	702-48222-00	GRIP, control lever (Right)	1 -	* 702-48215-10	GRAPHIC 1 (Left)	1 1	
* 702-48222-10	GRIP, control lever (Left)		1 -	75	702-48216-00	GRAPHIC 2 (Right)	1 1
29	702-48226-00	PLATE, stopper	1 -	* 702-48216-10	GRAPHIC 2 (Left)	1 1	
30	702-48265-00	SHAFT, friction	1 1	76	702-48217-00	MARK 1	1 1
31	702-48264-00	FRICTION, throttle	1 1	♦ 77	702-48270-00	LEVER COMP. (Right)	- 1
32	702-48263-00	BUSHING 4	1 1	* 702-48270-10	LEVER COMP. (Left)	- 1	
33	702-48262-00	SHAFT, throttle	1 1	♦ 78	702-48221-00	LEVER, control	- 1
34	702-48266-00	SPACER 2	1 1	♦ 79	702-48225-00	COVER	- 1
35	702-83386-00	STAY, buzzer	1 1	♦ 80	702-48223-00	LOCK, neutral	- 1
36	702-48352-00	ANCHOR, cable 1	1 1	♦ 81	702-48227-00	SPRING, neutral lock	- 1
37	702-48284-00	GROMMET 1	1 -	♦ 82	702-48222-20	GRIP, control lever (Right)	- 1
♦ 38	702-82544-00	CLAMP	- 1	* 702-48222-30	GRIP, control lever (Left)	- 1	
♦ 39	702-48285-00	GROMMET 2	1 2	♦ 83	702-48226-00	PLATE, stopper	- 1
40	702-82594-00	CLAMP	1 1	♦ 84	702-48224-00	COVER, control lever	- 1
41	92780-06025	SCREW, flathead	2 -	♦ 85	702-48228-00	HOLDER, switch	- 1
42	702-48281-00	SCREW 1	1111	♦ 86	702-82584-00	CAP, switch	- 1
				♦ 87	98780-05010	SCREW, flathead	- 3
				♦ 88	702-48282-00	SCREW 2	- 4
				♦ 89	98580-03012	SCREW, panhead	- 2
				♦ 90	688-82563-20	TRIM & TILT SWITCH	- 1

* Not shown

♦ Contents of power trim & tilt kit (Parts No. 688-W4380-10)

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The following parts are not used when using the power trim & tilt.
All parts of Fig. 9 bracket 2 section.

85AET L: 401545 and below UL: 750130 and below	75AET L: 400550 and below
85AET L: 401546 and up UL: 750131 and up	75AET L: 400551 and up UL: 750101 and up

- * New parts number
- ※ Not shown
- ▲ See Fig. 17 for detail service parts.

Fig. 17 POWER TRIM & TILT 2
(85AET / 75AET MODEL) - '80 / '81

POWER TRIM & TILT 2
(85AET / 75AET MODEL) - '80 / '81

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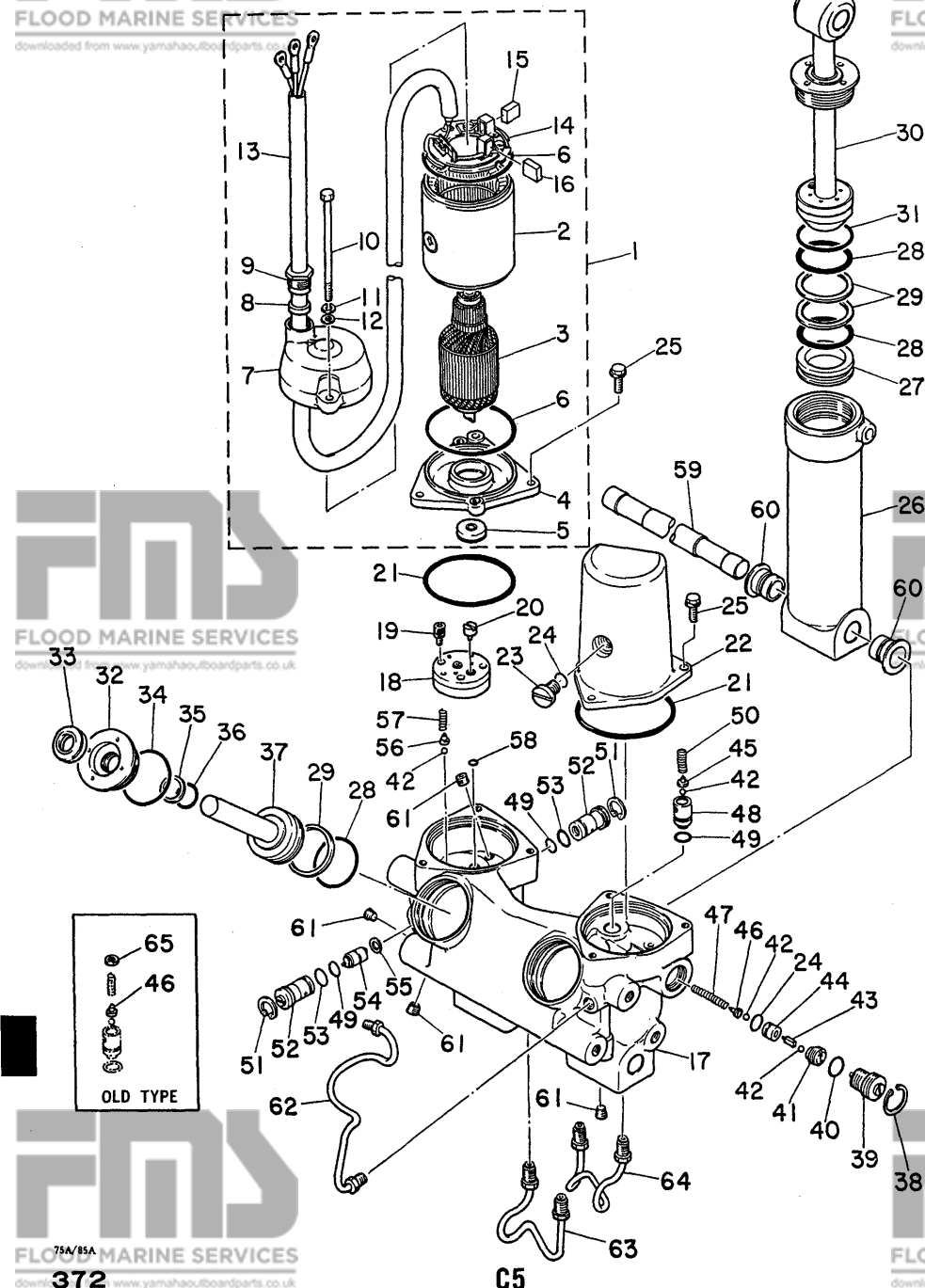
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Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
*		POWER TRIM & TILT ASS'Y (See Fig. 16)	1	35	688-43871-00	. RING, back up 1	2
1	688-43880-00	. MOTOR ASS'Y	1	36	688-43861-00	. O-RING 1	2
2	688-43804-00	. . STATOR ASS'Y	1	37	688-43820-00	. PISTON SUB ASS'Y (Trim)	2
3	688-43805-00	. . ARMATURE ASS'Y	1	38	688-43875-00	. RING, snap 1	1
4	688-43881-00	. . FRAME, end	1	39	688-43845-00	. SCREW, manual release	1
5	688-43882-00	. . OIL SEAL	1	40	688-43866-00	. O-RING 6	1
6	688-43883-00	. . O-RING 10	2	41	688-43846-00	. SCREW, manual seat	1
7	688-43884-00	. . FRAME, commutator end	1	42	688-43858-00	. BALL	4
8	688-43885-00	. . GROMMET	1	43	688-43848-00	. ROD, manual release	1
9	688-43886-00	. . BOLT	1	44	688-43847-00	. SEAT, manual valve	1
10	688-43887-00	. . BOLT	2	45	* 688-43859-00	. PIN, valve support	1 B
11	92990-05100	. . WASHER	2	46	688-43849-00	. PIN, valve support	1 B
12	92990-05600	. . WASHER	2	47	* 688-43854-00	. SPRING, manual release	2
13	688-43807-00	. . WIRE SUB ASS'Y	1	48	* 688-43851-02	. SEAT, relief valve	1 B
14	688-43806-00	. . BRUSH HOLDER ASS'Y	1	49	* 688-43851-01	. SEAT, relief valve	1
15	688-43891-00	. . BRUSH 1 (+)	1	50	688-43864-00	. O-RING 4	3
16	688-43892-00	. . BRUSH 2 (-)	1	51	* 688-43855-01	. SPRING, upper relief	1 B
17	688-43825-00	. HOUSING, trim & tilt	1	52	* 688-43855-00	. SPRING, upper relief	1
18	688-43830-00	. GEAR PUMP ASS'Y	1	53	688-43876-00	. RING, snap 2	2
19	688-43878-00	. SCREW, with washer (Socket Bolt)	3	54	688-43802-00	. MANUAL VALVE SUB ASS'Y	2
20	688-43831-00	. CONNECTOR, shaft	1	55	688-43865-00	. O-RING 5	2
21	688-43867-00	. O-RING 7	2	56	688-43841-00	. PISTON, shuttle	1
22	688-43828-00	. BODY, reservoir	1	57	688-43873-00	. RING, back up	1
23	688-43829-01	. PLUG, reservoir	1	58	688-43844-01	. PIN, valve support	1
24	688-43869-00	. O-RING 9	2	59	688-43856-00	. SPRING, down relief	1
25	688-43879-00	. SCREW, with washer	6	60	688-43868-00	. O-RING 8	1
26	688-43813-00	. CYLINDER, tilt	1	61	688-43124-00	. PIN, lower shock mount	1
27	688-43814-00	. PISTON, free	1	62	90386-18M21	. BUSHING	2
28	688-43862-00	. O-RING 2	4	63	688-43826-00	. PLUG, taper screw	4
29	688-43872-00	. RING, back up 2	4	64	688-43835-00	. PIPE 3	1
30	688-43810-10	. PISTON SUB ASS'Y (Tilt)	1	65	688-43833-00	. PIPE 1	1
31	688-43863-00	. O-RING 3	1	66	688-43834-00	. PIPE 2	1
32	688-43811-00	. SCREW	2	67	688-43852-00	. RING, spring guide	1 B
33	688-43812-00	. SEAL, dust	2				
34	688-43863-00	. O-RING 3	2				

All parts of in this section are inner parts of the power trim & tilt kit.

85AET L: 401440 and below
UL: 750130 and below

75AET L: 400530 and below

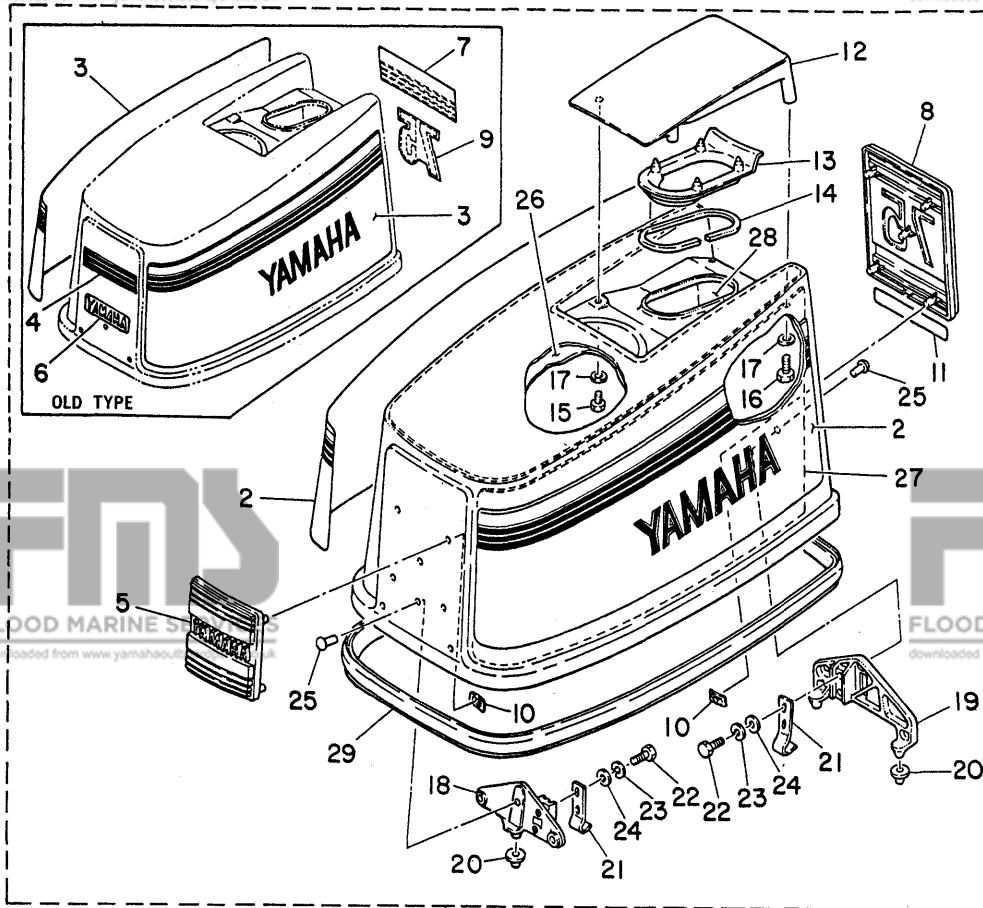
85AET L: 401441 and up
UL: 750131 and up

75AET L: 400531 and up
UL: 750101 and up

* New parts number

* Not shown

Fig. 18 COWLING (75AE MODEL) -'80/'81

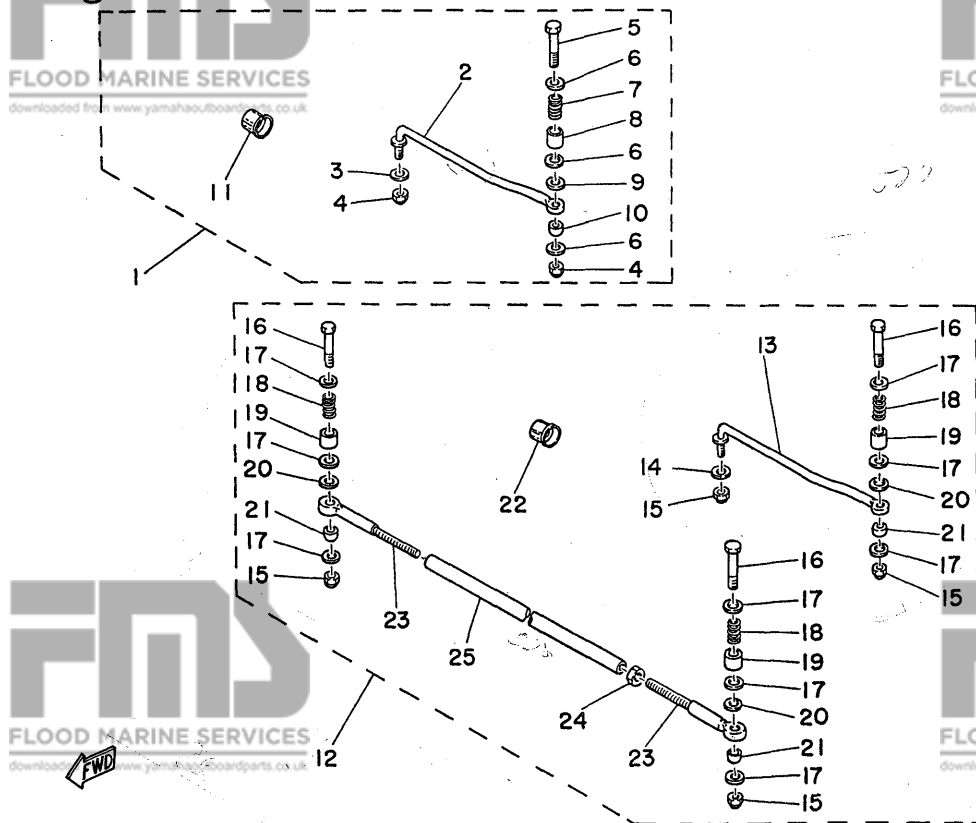


COWLING (75AE MODEL) -'80/'81

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
▶ 1	* 692-42610-20-F6	TOP COWLING ASS'Y	1	15	97313-06016	BOLT	2
▶ *	692-42610-00-F6	TOP COWLING ASS'Y	1	16	97313-06025	BOLT	2
▶ 2	* 688-W0070-10	GRAPHIC SIDE SET	1S	17	92903-06600	WASHER	4
▶ 3	688-W0070-00	GRAPHIC SIDE SET	1S	18	688-42647-00-94	HOLDER, clamp band 1	1
▶ 4	688-42677-00	GRAPHIC, front	1	19	688-42649-00-94	HOLDER, clamp band 2	1
▶ 5	* 688-42686-10	EMBLEM, front	1	20	663-42662-00	DAMPER 1	3
▶ 6	688-42686-00	EMBLEM, front	1	21	688-42652-00	HOOK 2	2
▶ 7	688-42678-00	GRAPHIC, rear	1	22	97313-06018	BOLT	4
▶ 8	* 692-42687-10	EMBLEM, rear	1	23	92903-06100	WASHER	4
▶ 9	692-42687-00	EMBLEM, rear	1	24	92903-06600	WASHER	4
▶ 10	* 90183-05M01	NUT, spring	10	25	90266-06009	RIVET	6
▶ 11	* 688-42683-00	MARK, cowling 3	1	26	688-42617-00	RUBBER, form 1	1
▶ 12	688-42613-00-F6	MOLDING, air duct	1	27	688-42619-00	RUBBER, form 2	2
▶ 13	688-42618-00	AIR SHROUD, top cowling	1	28	688-42637-00	RUBBER, form 4	1
▶ 14	688-42628-00	SEAL, rubber 1	1	29	688-42615-00	SEAL	1

▶ { 75AE L: 301210 and below
 UL: 700140 and below
 ▶ { 75AE L: 301211 and up
 UL: 700141 and up
 * New parts number
 * Not shown

Fig. 19 STEERING GUIDE ATTACHMENT '80/'81

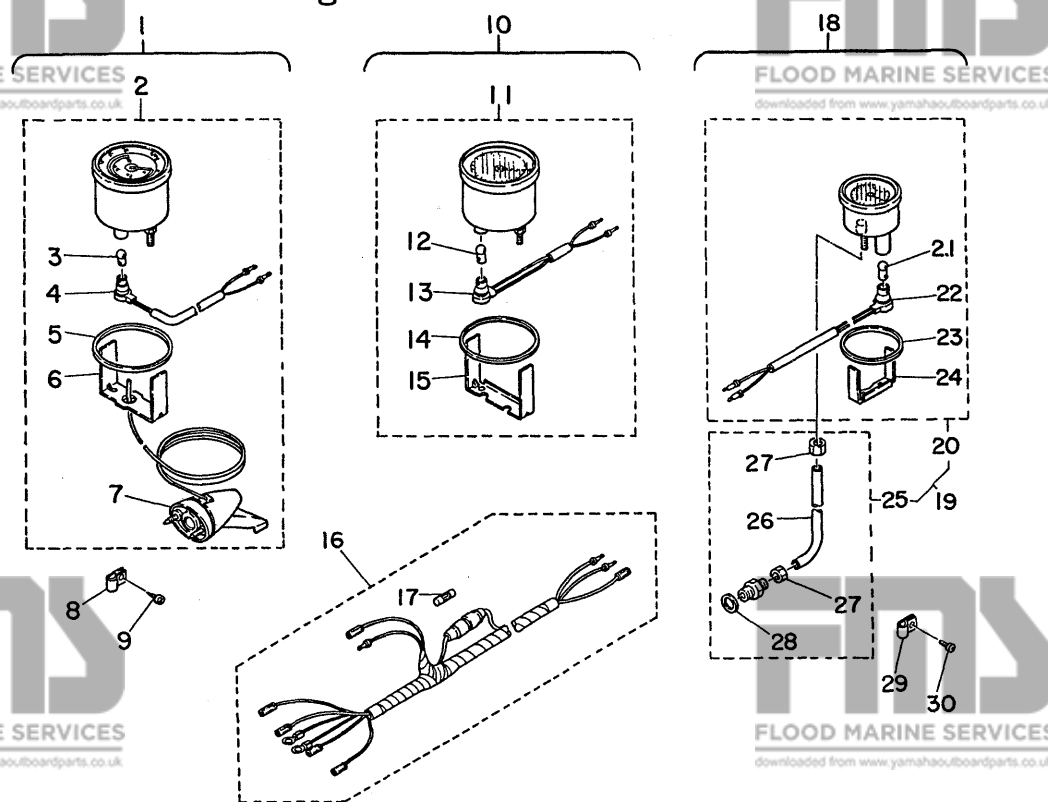


Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	663-61350-01	STEERING GUIDE ATTACHMENT KIT (Single)	15	16	90101-10M39	BOLT	3
2	663-61351-01	ROD, steering link	1	17	90201-10M17	WASHER (9.76-216-1.5mm)	9
3	90201-10M20	WASHER (9.76-166-1.5mm)	1	18	90501-11M10	SPRING, compression	3
4	90185-09M01	NUT, self-locking	2	19	90385-12M00	BUSHING, rubber	3
5	90101-10M39	BOLT	1	20	90202-10M05	WASHER (9.76-216-0.8mm)	3
6	90201-10M17	WASHER (9.76-216-1.5mm)	3	21	663-61352-01	BALL, joint	3
7	90501-11M10	SPRING, compression	1	22	663-43145-11	CAP, clamp bracket	1
8	90385-12M00	BUSHING, rubber	1	23	663-61353-01	EYE, steering	2
9	90202-10M05	WASHER (9.76-216-0.8mm)	1	24	90170-11M00	NUT	1
10	663-61352-01	BALL, joint	1	25 *	663-61311-01	TIE BAR	1
11	663-43145-11	CAP, clamp bracket	1				
12	663-61350-51	STEERING GUIDE ATTACHMENT KIT (Twin)	15				
13	663-61351-01	ROD, steering link	1				
14	90201-10M20	WASHER (9.76-166-1.5mm)	1				
15	90185-09M01	NUT, self-locking	4				

* New parts number
* Not shown

C9

Fig. 20 ACCESSORY PARTS 1-'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
		SPEEDOMETER		15	688-83544-00	PLATE, fitting	1
1	688-W0081-00	SPEEDOMETER KIT	15	16	688-83553-10	WIRE, lead	1
2	688-83510-00	SPEEDOMETER ASS'Y	1	17	1E6-82151-00	FUSE (12V-20A)	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	15
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
		TACHOMETER		24	688-83665-00	PLATE, fitting	1
10	688-W0080-00	TACHOMETER KIT	15	25	688-83667-00	SENDER	1
11	688-83540-00	TACHOMETER ASS'Y	1	26	688-83666-00	TUBE	1
12	688-83516-00	BULB (12V-1.7W)	1	27	663-83668-00	NUT, nipple	2
13	688-83536-00	SOCKET, meter	1	28	90430-14115	GASKET	1
14	688-83523-00	DAMPER	1	29	90601-31402	CLIP, nylon 14	5
				30	97780-40116	SCREW, panhead tapping	5

C10

377

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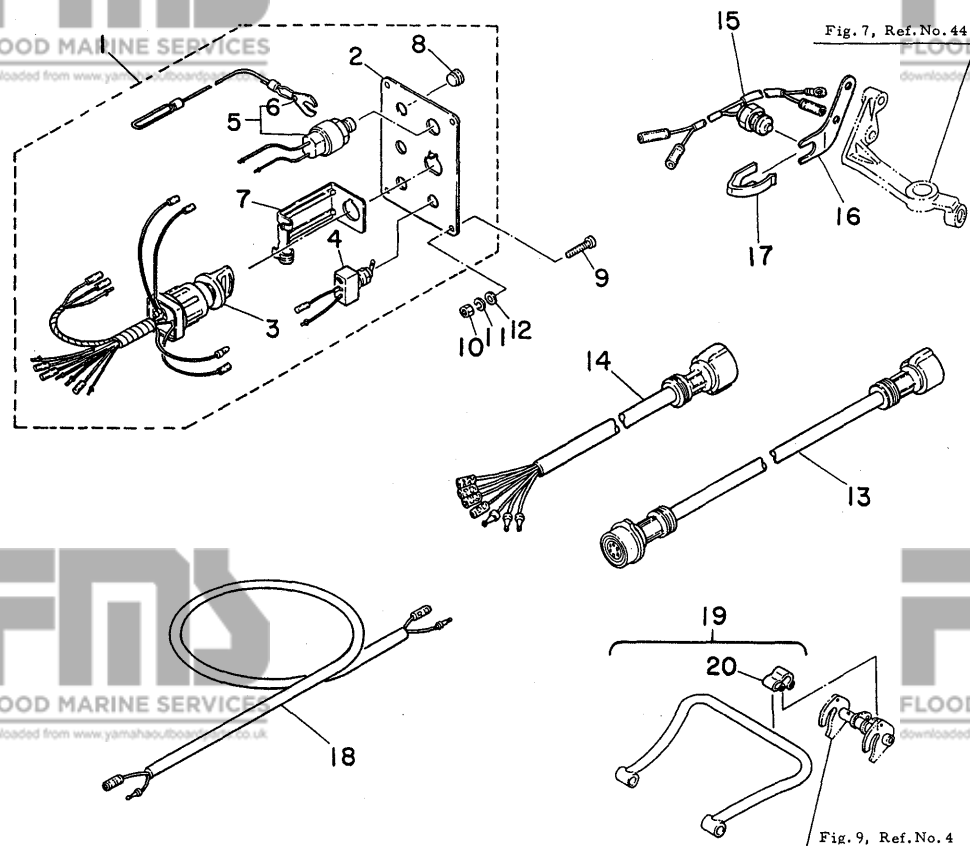


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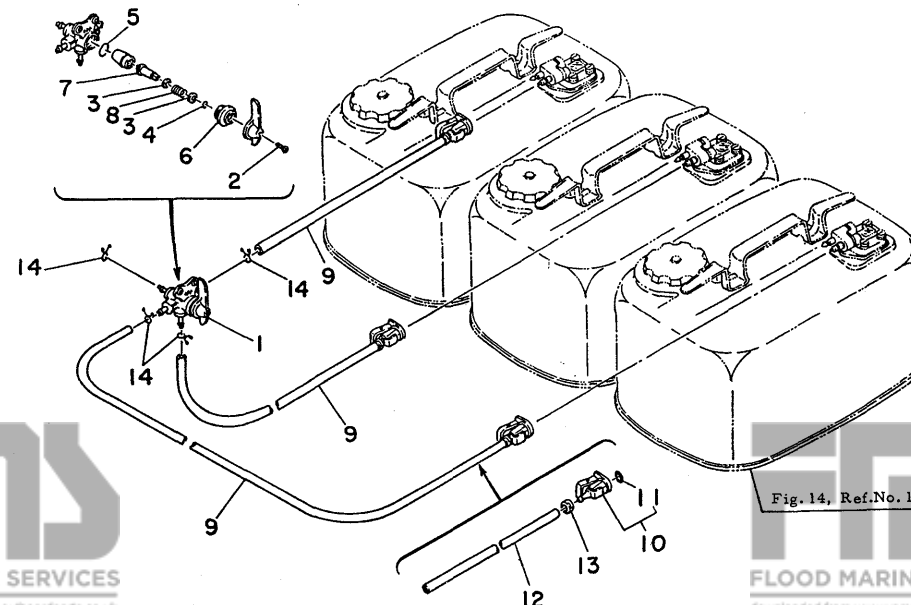
379

Fig. 23 ACCESSORY PARTS 4-'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
SWITCH PANEL				11	92903-05100	WASHER	4
1	688-82570-10	SWITCH PANEL ASS'Y	1	12	92903-05600	WASHER	4
2	688-82571-10	SWITCH PANEL	1	13	688-82586-10	EXTENSION, wire harness	1
3	688-82508-10	MAIN SWITCH ASS'Y	1	14	688-82586-20	EXTENSION, wire harness	1
4	688-82574-00	SWITCH, choke	1	NEUTRAL SWITCH			
5	688-82575-00	KILL SWITCH ASS'Y	1	15	688-82540-10	NEUTRAL SWITCH ASS'Y	1
6	663-82556-70	STOPPER	1	16	663-82554-01	STAY, neutral switch	1
7	663-82581-01	STAY, cord clamp	1	17	663-82555-01	PLATE	1
8	688-82535-00	GROMMET	3	18	688-82541-10	WIRE, lead	1
9	98903-05025	SCREW, bind	4	TRAILER LOCK			
10	95303-05600	NUT	4	19	688-43680-00	TRAILER LOCK ASS'Y	1
				20	688-43643-00	SPRING	1

Fig. 24 ACCESSORY PARTS 5-'80/'81



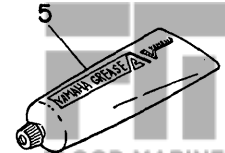
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-24540-00	FUEL COCK COMP.	1	8	90501-12M13	SPRING, compression	1
2	98680-04016	SCREW, ovalhead	1	9	688-24307-00	FUEL PIPE COMP. 2	3
3	90201-08M32	WASHER	2	10	655-24305-01	FUEL PIPE JOINT COMP. 2	3
4	93210-08M27	O-RING	1	11	93210-08287	O-RING (3.06-8.06)	3
5	93210-20M28	O-RING	1	12	90445-12M21	HOSE (66-11.56-2500mm)	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

FLOOD MARINE SERVICES 37



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