

695-28198-E0

25D

serial no.

25DM S:000101 and up
L:300101 and up
LL:600101 and up
25DE S:250101 and up
L:550101 and up
LL:650101 and up

25D

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 *	695-42610-81-F6	TOP COWLING ASS'Y	1
▶ 2	695-42610-80-F6	TOP COWLING ASS'Y	1
▶ 3 *	695-W0070-80	GRAPHIC SIDE SET	1s
▶ *	695-W0070-00	GRAPHIC SIDE SET	1s

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.

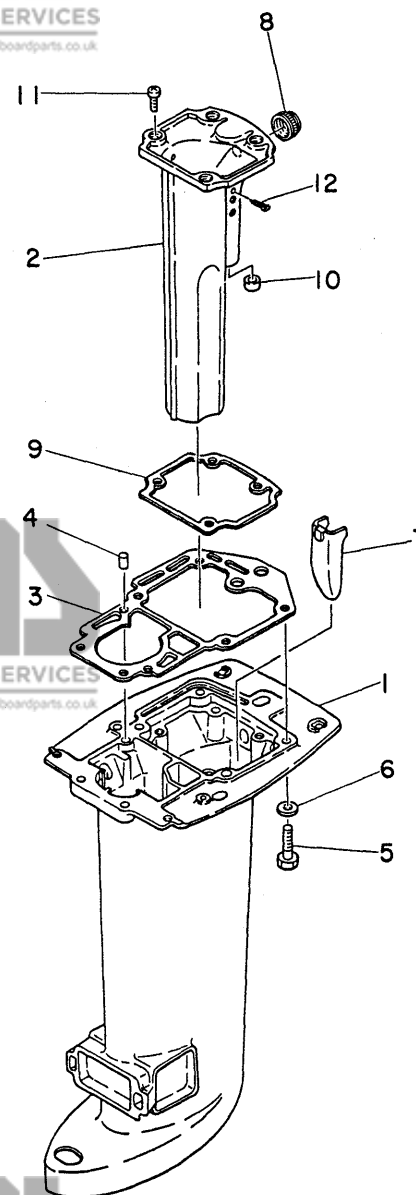
Mark B : Not interchangeable, refer to serial number of marginal notes for ordering or using of parts.

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

REPAIR KIT

POWER HEAD GASKET KIT	695-W0001-00
LOWER UNIT GASKET KIT	689-W0001-20
REED SET	689-W0004-00
WATER PUMP REPAIR KIT	689-W0078-02
CHROME PUMP KIT	689-W0078-0A
SAFETY STARTER KIT	656-W0079-00
HANDLE STEERING ASS'Y	695-W0084-00-F6
CRANK CYLINDER ASS'Y	695-W0090-81
CARBURETOR REPAIR SET	689-W0093-00
LOWER UNIT ASS'Y (Short)	689-45300-00-F6
LOWER UNIT ASS'Y (Long)	689-45300-10-F6

Fig. 1 UPPER CASING '80/'81



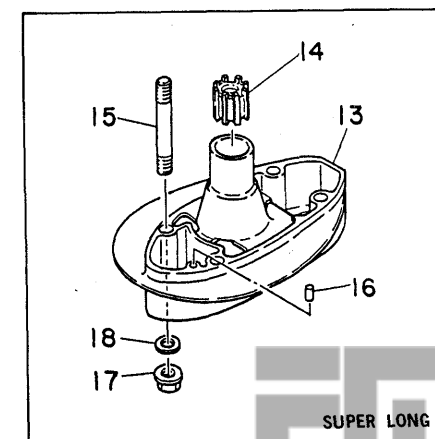
Ref.No.	Parts No.	Description	Q'ty
1	689-45111-00-F6	CASING, upper (Short)	1
*	689-45111-10-F6	CASING, upper (Long, Super Long)	1
2	664-41131-01-94	MANIFOLD, exhaust 1	1
■ 3	689-45113-00	GASKET, upper casing	1
4	93606-12019	PIN, dowel B (6Ø-12mm)	2
5 *	97395-08030	BOLT	6
*	97375-08030	BOLT	6
6	92990-08600	WASHER	6
7	689-41132-00-94	MANIFOLD, exhaust 2 (Short)	1
*	689-41132-10-94	MANIFOLD, exhaust 2 (Long, Super Long)	1
8	664-41133-00	GASKET, exhaust manifold 1	1
▲ 9	664-41134-00	GASKET, exhaust manifold 2	1
10	664-41135-00	GASKET, exhaust manifold 3	1
11	97890-06016	SCREW, panhead	4
12	91490-30025	PIN, cotter	1
SUPER LONG			
13	689-45211-20-F6	EXTENSION	1
14	689-45318-00	BUSHING, drive shaft 3	1
15	90116-10M10	BOLT, stud	4
16	93606-12019	PIN, dowel B (6Ø-12mm)	2
17	90179-10M03	NUT	4
18	92990-10600	WASHER	4

* New parts number

* Not shown

■ Contents of power head gasket kit (Parts No. 695-W0001-00)

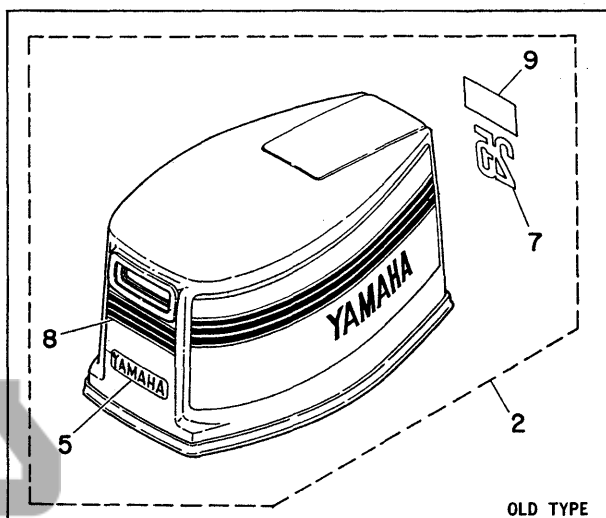
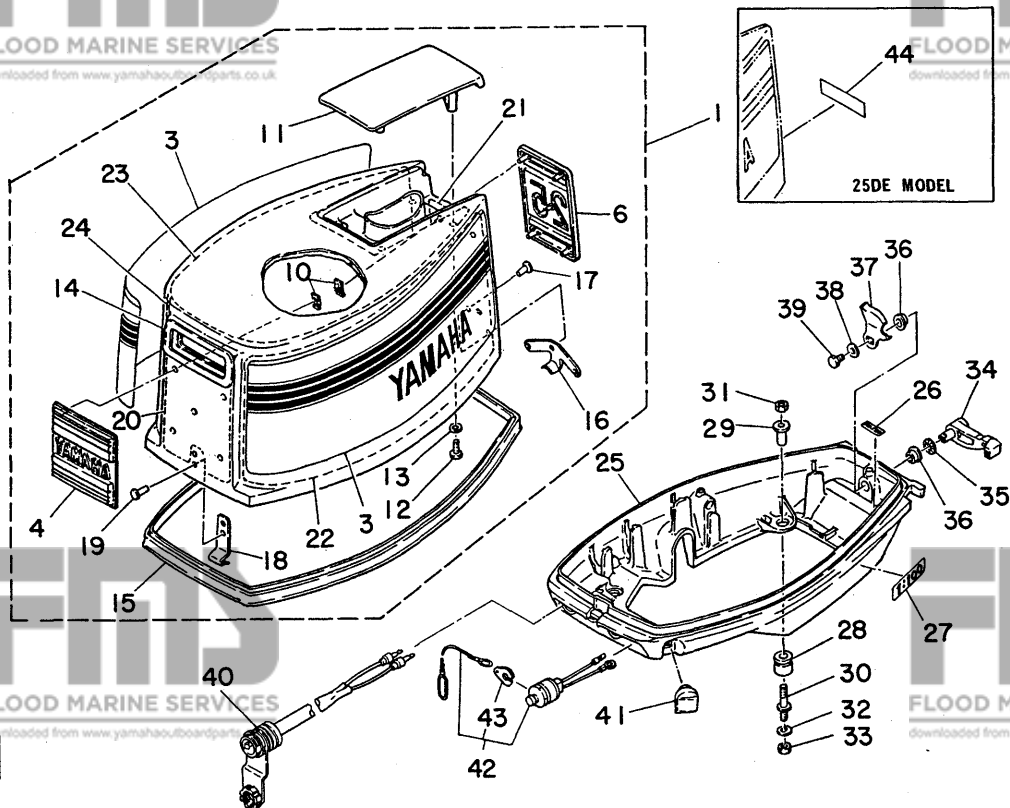
▲ Contents of lower unit gasket kit (Parts No. 689-W0001-20)



SUPER LONG

Fig. 2 COWLING '80/'81

COWLING '80/'81



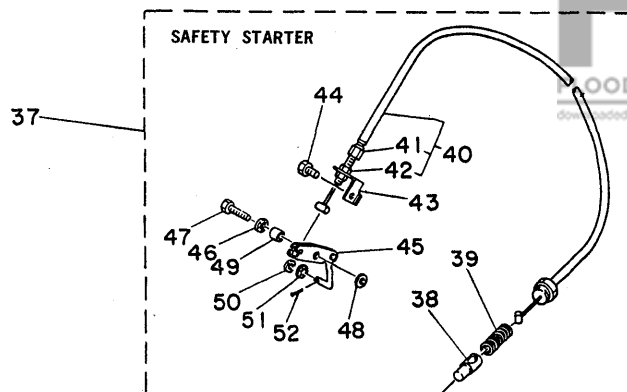
OLD TYPE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
▶ 1 *	695-42610-81-F6	TOP COWLING ASS'Y	1	▶ 23 *	689-42665-00	DAMPER 4	1
▶ 2	695-42610-80-F6	TOP COWLING ASS'Y	1	▶ *	695-42665-00	DAMPER 4	1
▶ 3 *	695-W0070-80	GRAPHIC SIDE SET	1S	24	695-42666-00	DAMPER 5	1
▶ *	695-W0070-00	GRAPHIC SIDE SET	1S	25	689-42711-00-F6	COWLING, bottom	1
▶ 4 *	695-42686-80	EMBLEM, front	1	26	661-42791-80	MARK 1	1
▶ 5	695-42677-00	GRAPHIC, front	1	27	664-42783-80	GRAPHIC, side	2
▶ 6 *	695-42687-80	EMBLEM, rear	1	28	90480-15M06	GROMMET	4
▶ 7	695-42678-00	GRAPHIC, rear	1	29	90387-08M25	COLLAR	4
▶ 8	695-42681-00	MARK, cowling 1	1	30	689-42742-00-94	BOLT	4
▶ 9	695-42682-00	MARK, cowling 2	1	31	95303-08700	NUT	4
▶ 10 *	90183-05M01	NUT, speed	10	32	92990-08600	WASHER	4
11	689-42613-00-F6	MOLDING, air duct	1	33	95380-08700	NUT	4
12	97313-06012	BOLT	4	34	689-42815-00	LEVER, clamp 1	1
13	92903-06600	WASHER	4	35	90206-12052	WASHER, wave (12.50-190-0.5mm)	1
14	648-15761-00	SEAL, rubber	1	36	90386-12069	BUSHING	2
15	689-42615-00	SEAL	1	37	689-42816-00	LEVER, clamp 2	1
16	689-42647-00	HOLDER, clamp band	1	38	90201-06068	WASHER (6.50-200-2.0mm)	1
17	90266-04M01	RIVET	3	39	97313-06010	BOLT	1
18	689-42651-00	HOOK 1	1	40	682-84381-00	2P CONCENT	1
19	90266-04M00	RIVET	2	41	689-42725-00	GROMMET 2	1
▶ 20 *	695-42662-01	DAMPER 1	1	▶ 42 *	689-82575-01	KILL SWITCH ASS'Y	1
▶ *	695-42662-00	DAMPER 1	1	▶ *	695-82575-00	KILL SWITCH ASS'Y	1
▶ 21 *	695-42663-01	DAMPER 2	1	43	663-82556-70	STOPPER	1
▶ *	695-42663-00	DAMPER 2	1	44 *	682-42683-50	MARK, cowling 3 (25DE Model)	1
▶ 22	695-42664-00	DAMPER 3	1	▶ *	689-42683-00	MARK, cowling 3 (25DE Model)	1

▶ 25DM S: 006085 and below
 L: 305360 and below
 LL: 600375 and below
 ▶ 25DM S: 006086 and up
 L: 305361 and up
 LL: 600376 and up
 25DE S: 251105 and below
 L: 552120 and below
 LL: 650205 and below
 25DE S: 251106 and up
 L: 552121 and up
 LL: 650206 and up

* New parts number
 * Not shown

Fig. 3 STARTER '80/'81

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Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-15710-00	STARTER ASS'Y	1	30	95303-06600	NUT	2
2	676-15711-00-94	CASE, starter	1	31	656-15771-00-94	STAY 1	1
3	91690-40020	PIN, spring	1	32	656-15772-00-94	STAY 2	1
4	* 689-15758-01-94	GUIDE, wire	1	33	97313-06025	BOLT	4
5	* 689-15758-00-94	GUIDE, wire	1	34	97313-06040	BOLT	1
6	97313-06016	BOLT	2	35	92903-06600	WASHER	5
7	92903-06600	WASHER	2	36	* 689-81332-01	PLATE, timing	1
8	689-15762-00	SEAL, rubber 2	1	SAFETY STARTER			
9	* 689-15789-00	DAMPER	1	37	656-W0079-00	SAFETY STARTER KIT	15
10	619-15755-01	HANDLE, starter	1	38	656-15748-00	PLUNGER, starter stop	1
11	*	WIRE (2075mm)	1	39	90501-10227	SPRING, compression	1
12	689-15779-00	COVER	1	40	656-15770-00	WIRE COMP., starter stop	1
13	676-15714-00-94	DRUM, sheave	1	41	90123-06049	BOLT, wire adjusting	1
14	91690-40020	PIN, spring	1	42	95303-06600	NUT	2
15	90510-09M00	SPRING, spiral	1	43	656-15774-00	STAY 4	1
16	676-15717-00	SHAFT	1	44	97313-06010	BOLT	1
17	90201-08309	WASHER (8.0-23.0-3.0mm)	1	45	656-15749-00	LINK COMP., starter stop	1
18	97313-08025	BOLT	1	46	90206-08010	WASHER, wave (8.7.0-16.0-0.3mm)	1
19	95303-08600	NUT	1	47	97313-06020	BOLT	1
20	676-15799-01	CLIP	1	48	92903-06600	WASHER	1
21	676-15741-03	PAWL, drive	1	49	90387-06568	COLLAR (6.0-8.0-7.5mm)	1
22	93430-06M02	CIRCLIP	1	50	92903-05600	WASHER	1
23	676-15705-00	SPRING, drive pawl	1	51	90206-05005	WASHER, wave (5.5.0-11.0-0.3mm)	1
24	676-15773-00	STAY 3	6	52	91490-16010	PIN, cotter	1
25	90386-35M01	BUSHING	1				
26	97313-08035	BOLT	1				
27	92903-08600	WASHER	1				
28	91830-22016	PIN, dowel A (8.4.0-12.0-16mm)	1				
29	97313-06030	BOLT	2				
30	92903-06600	WASHER	2				

250D S: 008086 and up
L: 305361 and up
LL: 600376 and up

250E S: 251106 and up
L: 552121 and up
LL: 650206 and up

250D S: 004710 and below
L: 303885 and below
LL: 600280 and below

250E S: 250955 and below
L: 551825 and below
LL: 650160 and below

250D S: 004711 and up
L: 303886 and up
LL: 600281 and up

250E S: 250956 and up
L: 551826 and up
LL: 650161 and up

* New parts number

* Not shown

* Cut from 50m roll, Parts No. 90890-44373, cutting length 2.075m.

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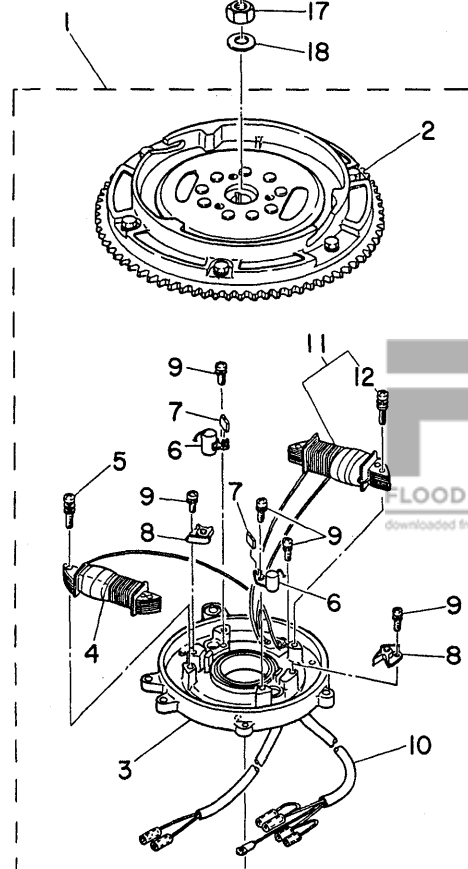
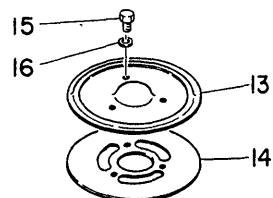
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Fig. 4 FLYWHEEL MAGNETO (80W) -'80/'81

25DM S : 006085 and below
L : 305360 and below
LL : 600375 and below

25DE S : 251105 and below
L : 552120 and below
LL : 650205 and below

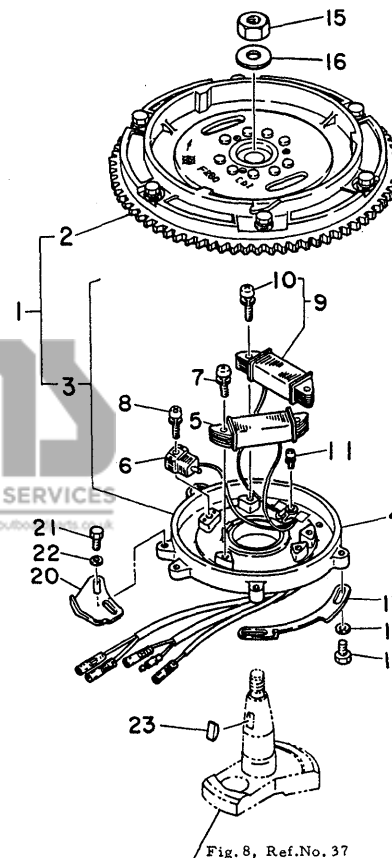
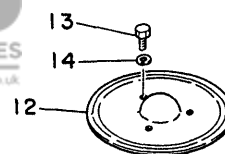


Ref.No.	Parts No.	Description	Q'ty
1	695-81300-A0	FLYWHEEL MAGNETO ASS'Y (80W)	1
2	695-81350-A0	ROTOR ASS'Y	1
3	695-81309-70	BASE, magneto	1
4	677-81311-F0	COIL, ignition	1
5	97801-05025	SCREW (M5-25mm)	2
6	647-81325-11	CONDENSER	2
7	207-81331-10	LUBRICATOR	2
8	650-81321-10	CONTACT BREAKER ASS'Y	2
9	164-81246-21	SCREW	4
10	695-81315-10	LEAD WIRE ASS'Y	1
11	677-81303-F0	LIGHTING COIL ASS'Y	1
12	97801-05025	SCREW	2
13	648-81362-01	COVER, hole	1
14	648-81365-00	PACKING	1
15	97313-06012	BOLT	3
16	92903-06200	WASHER	3
17	90170-12066	NUT	1
18	90201-12472	WASHER (12.20-260-3.2mm)	1
19	90280-05013	KEY, woodruff	1

Fig. 5 C.D.I. MAGNETO -'80/'81

25DM S : 006086 and up
L : 305361 and up
LL : 600376 and up

25DE S : 251106 and up
L : 552121 and up
LL : 650206 and up

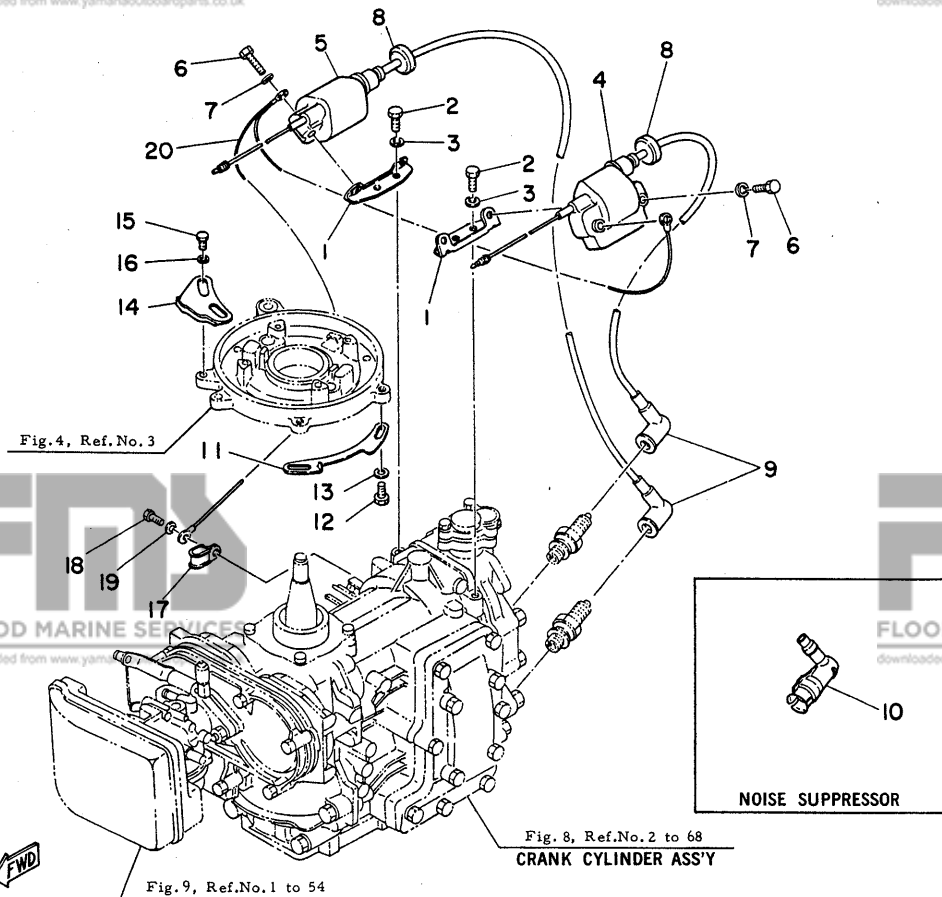


Ref.No.	Parts No.	Description	Q'ty
1	695-85500-A0	C.D.I. MAGNETO ASS'Y (80W)	1
2	695-85550-40	ROTOR ASS'Y	1
3	695-85560-A0	BASE ASS'Y	1
4	695-85561-70	BASE, magneto	1
5	695-85520-70	CHARGE COIL ASS'Y	1
6	695-85580-70	PULSER COIL ASS'Y	1
7	90159-05039	SCREW, with washer	2
8	90159-05038	SCREW, with washer	1
9	695-81303-A0	LIGHTING COIL ASS'Y (80W)	1
10	90159-05040	SCREW, with washer	2
11	90159-04035	SCREW, with washer	1
12	648-81362-01	COVER, hole	1
13	97313-06012	BOLT	3
14	92903-06200	WASHER	3
15	90170-12066	NUT	1
16	90201-12472	WASHER (12.20-260-3.2mm)	1
17	664-41615-01	STOPPER, magneto base 1	1
18	97313-06012	BOLT	2
19	92903-06200	WASHER	2
20	695-41213-00-94	CAM, accel.	1
21	97313-05010	BOLT	2
22	92903-05600	WASHER	2
23	90280-05013	KEY, woodruff	1
24	90461-06M01	CLAMP	1
25	97313-06010	BOLT	1

Fig. 6 ELECTRIC PARTS '80/'81

25DM S : 006085 and below
L : 305360 and below
LL : 600375 and below

25DE S : 251105 and below
L : 552120 and below
LL : 650205 and below

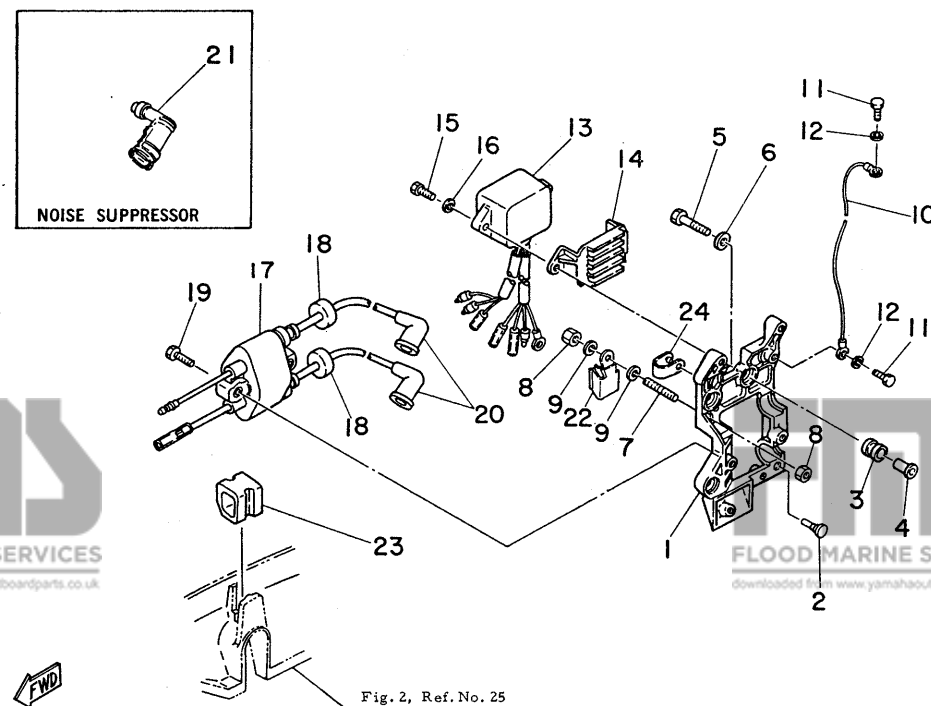


Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	664-82316-01	BRACKET, ignition coil	2	11	664-41615-01	STOPPER, magneto base 1	1
2	97313-06014	BOLT	4	12	97313-06012	BOLT	2
3	92903-06600	WASHER	4	13	92903-06200	WASHER	2
4	695-82310-10	IGNITION COIL ASS'Y 1	1	14	695-41213-00-94	CAM, accel.	1
5	695-82320-10	IGNITION COIL ASS'Y 2	1	15	97313-05010	BOLT	2
6	97395-06030	BOLT	4	16	92903-05600	WASHER	2
7	92990-06100	WASHER	4	17	90461-06M00	CLAMP	1
8	90480-25161	GROMMET	2	18	97313-06012	BOLT	1
9	663-82370-01	PLUG CAP ASS'Y	2	19	92903-06100	WASHER	1
10	677-82370-00	PLUG CAP ASS'Y (Noise Suppressor)	2	20	695-82519-00	WIRE, earth lead	1

Fig. 7 ELECTRIC PARTS '80/'81

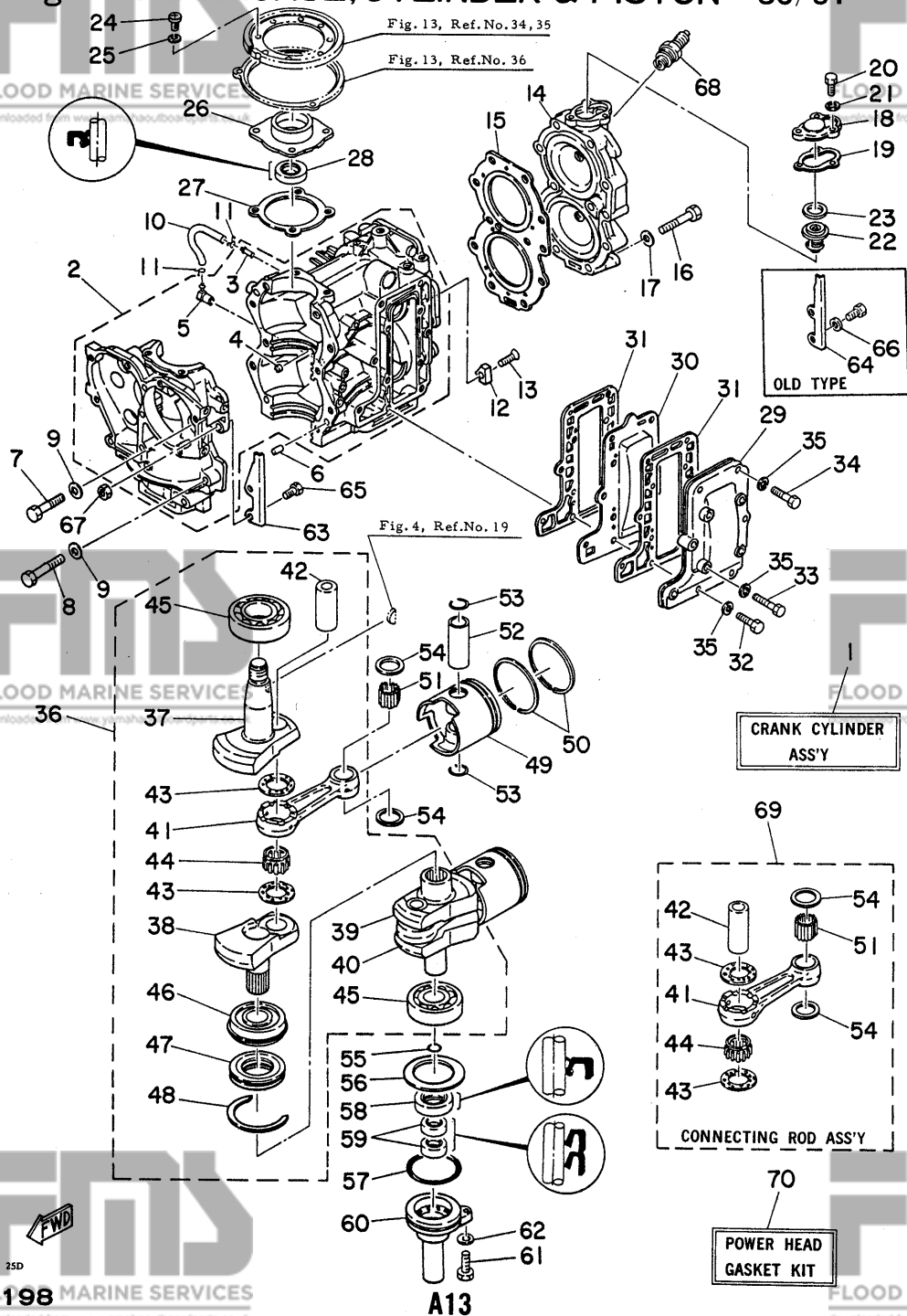
25DM S : 006086 and up
L : 305361 and up
LL : 600376 and up

25DE S : 251106 and up
L : 552121 and up
LL : 650206 and up



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	695-85542-00-94	BRACKET	1	13	695-85540-10	C.D.I. UNIT ASS'Y	1
2	689-85547-00	DAMPER	1	14	689-85548-01	HOLDER	1
3	663-82317-00	DAMPER	3	15	97313-06025	BOLT	2
4	624-42542-00	PIPE 1	3	16	92903-06600	WASHER	2
5	97313-06025	BOLT	3	17	695-85570-10	IGNITION COIL ASS'Y	1
6	90201-06050	WASHER (6.20-180-1.2mm)	3	18	90480-25161	GROMMET	2
7	90116-06M07	BOLT, stud	1	19	97313-06025	BOLT	2
8	95303-06600	NUT	2	20	663-82370-01	PLUG CAP ASS'Y	2
9	92903-06100	WASHER	4	21	677-82370-00	PLUG CAP ASS'Y (Noise Suppressor)	2
10	689-82519-00	WIRE, earth lead	1	22	90465-08M13	CLAMP	1
11	97313-06012	BOLT	2	23	90480-17M08	GROMMET	1
12	92903-06100	WASHER	2	24	90464-12M00	CLAMP	1

Fig. 8 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	* 695-W0090-81	CRANK CYLINDER ASS'Y (Ref. No. 2 to 68)	1	38	648-11422-01	CRANK 2	1
2	* 695-W0090-80	CRANK CYLINDER ASS'Y (Ref. No. 2 to 68)	1	39	648-11432-01	CRANK 3	1
3	624-14485-00	PIPE, joint	1	40	664-11442-01	CRANK 4	1
4	624-11379-00	VALVE, check	1	41	648-11651-02	ROD, connecting	2
5	650-11370-00	CHECK VALVE ASS'Y	1	42	648-11681-00	PIN, crank	2
6	93606-07260	PIN, dowel B (60-12mm)	2	43	90209-22071	WASHER	4
7	97313-08045	BOLT	2	44	93310-522A4	BEARING, con-rod big end	2
8	97313-08055	BOLT	8	45	93306-30510	BEARING (B6305)	2
9	648-11175-00	WASHER, holding 1	10	46	93390-00009	BEARING, roller	1
10	90445-07260	HOSE (2.50-70-270mm)	1	47	656-11515-00	SEAL, labyrinth	1
11	90467-06016	CLIP	2	48	93440-62057	CIRCLIP (620 Special)	1
12	689-11325-00	ANODE	1	49	664-11631-80-96	PISTON (Standard 66.96mm)	} U.R. 2
13	* 92780-06020	SCREW, flathead	1		664-11631-80-97	PISTON (Standard 66.97mm)	
14	* 92280-06020	SCREW, flathead	1		664-11631-80-98	PISTON (Standard 66.98mm)	} U.R. 2
15	* 695-11111-01-94	HEAD, cylinder	1		* 664-11635-80	PISTON (Over Size 67.25mm)	2
16	* 695-11111-00-94	HEAD, cylinder	1		* 664-11636-80	PISTON (Over Size 67.50mm)	2
17	664-11181-00	GASKET, cylinder head	1	50	664-11610-80	PISTON RING SET (Standard)	25
18	97313-08050	BOLT	11		* 664-11610-40	PISTON RING SET (Over Size 67.25mm)	25
19	648-11175-00	WASHER, holding 1	11		* 664-11610-50	PISTON RING SET (Over Size 67.50mm)	25
20	655-12413-01-94	COVER, thermostat	1	51	93602-20M02	BEARING, con-rod small end	62
21	655-12414-00	GASKET, cover	1	52	648-11633-00	PIN, piston	2
22	97313-06020	BOLT	3	53	93450-20026	CLIP, piston-pin	4
23	92903-06100	WASHER	3	54	90201-18522	WASHER (18.20-21.50-1.2mm)	4
24	656-12411-01	THERMOSTAT	1	55	93210-16275	O-RING (2.40-15.80)	1
25	90201-21567	WASHER (21.50-27.50-2mm)	1	56	90201-50306	WASHER (500-660-1.5mm)	1
26	* 97313-06020	BOLT	4	57	93210-58M21	O-RING (30-57.20)	1
27	* 92503-06020	SCREW, panhead	4	58	93102-25M04	OIL SEAL (SD-240-480-8mm)	1
28	* 92903-06600	WASHER	4	59	93104-16M01	OIL SEAL (SD-150-300-5mm)	2
29	* 92903-06100	WASHER	4	60	* 689-15396-00-9M	HOUSING, oil seal 2	1
30	664-15359-01-94	HOUSING, oil seal 1	1		* 689-15396-00-94	HOUSING, oil seal 2	1
31	664-15369-00	GASKET, oil seal housing	1	61	* 97395-06025	BOLT	1
32	93102-23096	OIL SEAL (SD-230-380-7mm)	1		* 97375-06025	BOLT	1
33	664-41113-00-94	OUTER COVER, exhaust	1	62	92990-06600	WASHER	1
34	664-41111-00	INNER COVER, exhaust	1	63	* 695-41616-00	STOPPER, magneto base 2	1
35	* 664-41114-00	GASKET, exhaust cover	2	64	648-41616-00	STOPPER, magneto base 2	1
36	90101-06M10	BOLT	1	65	97313-06020	BOLT	2
37	90101-06M12	BOLT	6	66	92903-06100	WASHER	2
38	90101-06M13	BOLT	4	67	95303-06600	NUT	2
39	92903-06100	WASHER	11	68	94701-00040	PLUG, spark (8-7HS) NGK	2
40	664-11400-01	CRANK ASS'Y	1	69	648-11650-01	CONNECTING ROD ASS'Y	2
41	648-11412-01	CRANK 1	1	70	695-W0001-00	POWER HEAD GASKET KIT	1

250M S: 008085 and below
L: 305360 and below
LL: 600375 and below

250E S: 251105 and below
L: 552120 and below
LL: 650205 and below

250M S: 008086 and up
L: 305361 and up
LL: 600376 and up

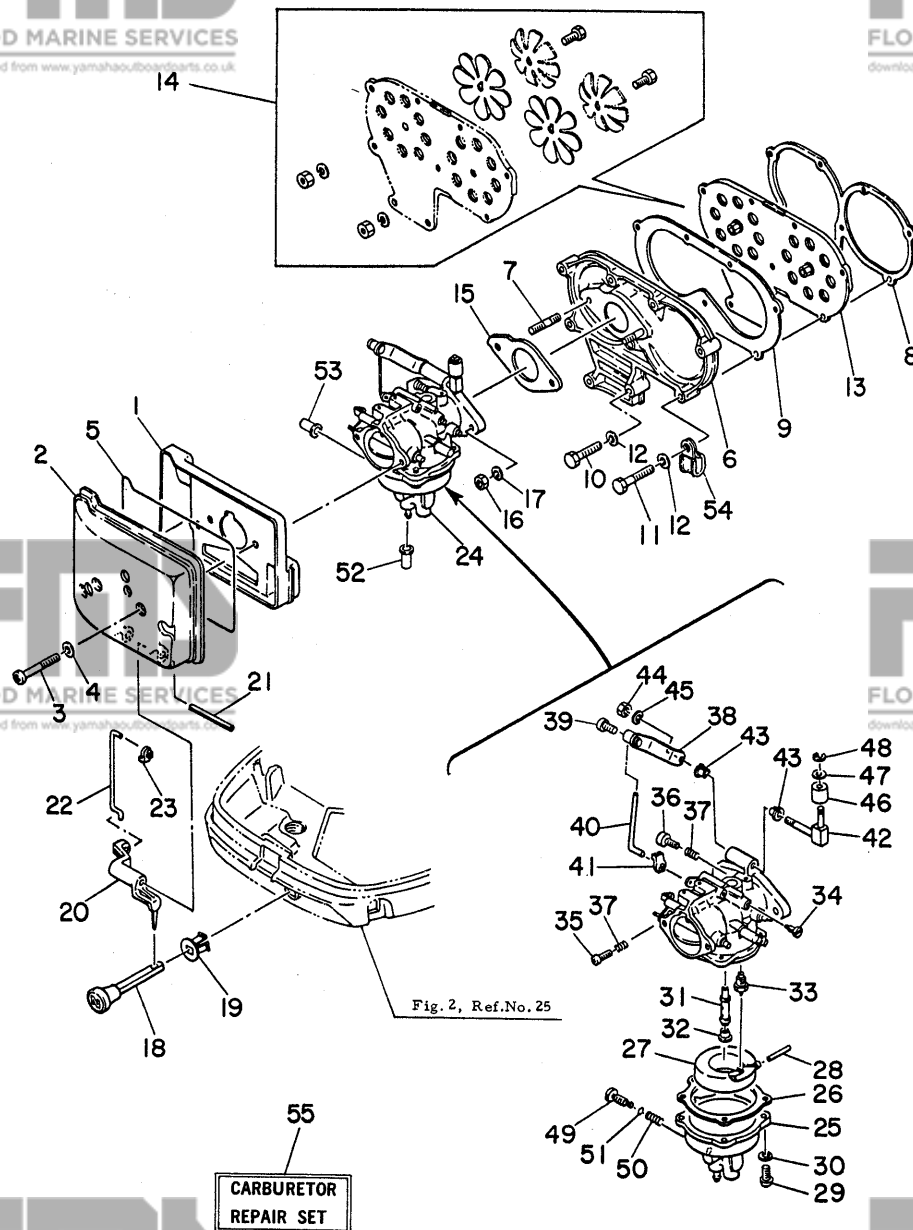
250E S: 251106 and up
L: 552121 and up
LL: 650206 and up

* New parts number
* Not shown
* Contents of power head gasket kit

Fig. 9 INTAKE '80/'81

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INTAKE '80/'81

FLOOD MARINE SERVICES
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Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	695-14417-00	COVER 1	1	30	92990-04100	WASHER	4
2	* 695-14418-01	COVER 2	1	31	648-14341-00	NOZZLE, main (3.0Ø)	1
3	* 695-14418-00	COVER 2	1	32	648-14343-70	JET, main (#140)	1
4	97803-05030	SCREW, panhead	2	33	648-14390-14	VALVE SEAT ASS'Y (1.4Ø)	1
5	92903-05600	WASHER	2	34	648-14342-30	JET, pilot (#60)	1
6	695-14476-00	SEAL	1	35	648-14321-00	SCREW, throttle	1
7	648-13641-01-94	MANIFOLD, intake	1	36	647-14323-00	SCREW, air adjusting	1
8	90116-06M08	BOLT, stud	2	37	648-14334-00	SPRING, air adjusting	2
9	648-13621-00	PACKING, valve seat	1	38	648-41210-01	ACCEL. ARM ASS'Y	1
10	648-13645-00	GASKET, intake manifold	1	39	664-14327-00	SCREW	1
11	97313-06025	BOLT	2	40	656-41241-00	ROD	1
12	97313-06035	BOLT	7	41	661-41262-02	JOINT, choke lever	1
13	92903-06600	WASHER	9	42	689-41216-00	SHEAVE SHAFT, accel. link	1
14	689-13610-00	REED VALVE ASS'Y	1	43	90386-05002	BUSHING	2
15	689-W0004-00	REED SET	15	44	95303-05700	NUT	1
16	648-14198-00	GASKET	1	45	92990-05100	WASHER	1
17	95303-06600	NUT	2	46	664-41231-00	COLLAR, guide pin	1
18	92903-06600	WASHER	2	47	92990-05200	WASHER	1
19	682-41271-00	KNOB, choke 1	1	48	93430-04031	CIRCLIP (E-4Ø)	1
20	689-41273-00	GROMMET 1	1	49	646-14394-00	VALVE, drain	1
21	689-41252-00	LEVER, choke	1	50	646-14223-01	SPRING, drain valve	1
22	91690-40048	PIN, spring	1	51	646-14397-00	O-RING	1
23	695-41256-00	ROD, choke link	1	52	648-14382-60	CAP, drain pipe	1
24	661-41262-02	JOINT, choke lever	1	53	647-14395-60	CAP, over flow pipe	1
25	695-14301-80	CARBURETOR ASS'Y	1	54	90461-06015	CLAMP	1
26	664-14381-00	BODY, float chamber	1	55	689-W0093-00	CARBURETOR REPAIR SET	15
27	648-14384-01	GASKET, float chamber	1				
28	648-14385-00	FLOAT	1				
29	648-14386-00	PIN, float	1				
30	98503-04012	SCREW, panhead	4				

25DM S: 006086 and below
L: 305360 and below
LL: 600376 and below

25DE S: 251105 and below
L: 552120 and below
LL: 650205 and below

25DM S: 006086 and up
L: 305361 and up
LL: 600376 and up

25DE S: 251106 and up
L: 552121 and up
LL: 650206 and up

* New parts number

* Not shown

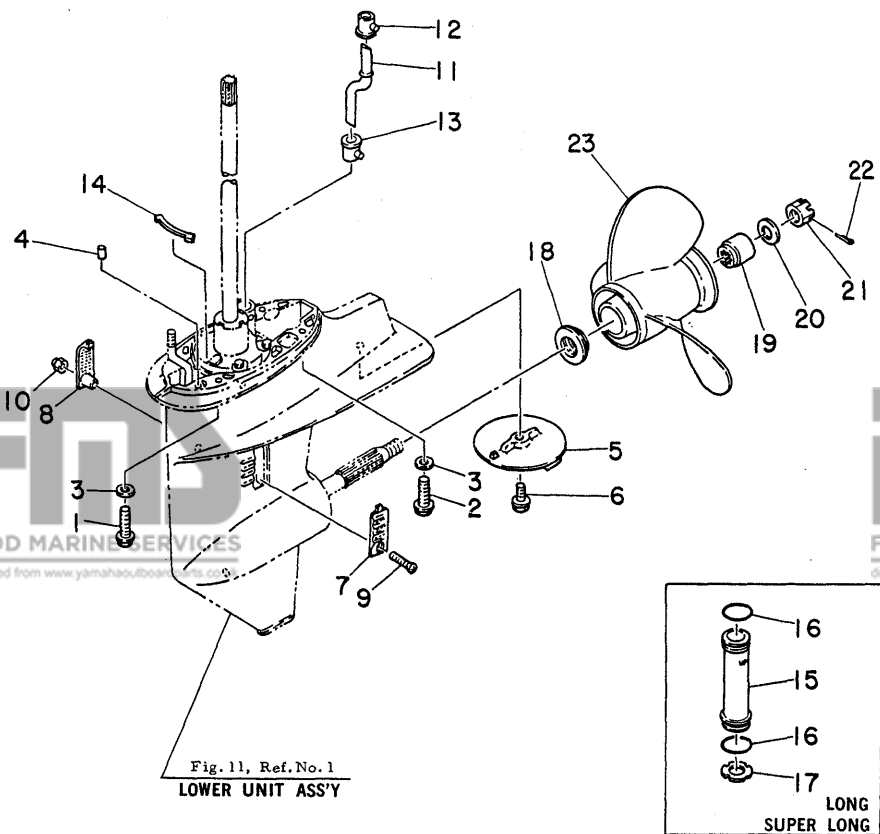
■ Contents of power head gasket kit (Parts No. 695-W0001-00)

✦ Contents of carburetor repair set

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Fig. 10 LOWER & DRIVE 1 -'80/'81

LOWER & DRIVE 1 -'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
▽ 1	90105-10059	BOLT	2	16	93210-26240	O-RING (2.48-25.88)	
△ *	90105-10059	BOLT	4			(Long, Super Long)	2
▽ 2 *	90105-10M12	BOLT	2	17	689-44328-00	PLATE (Long, Super Long)	1
3	92990-10600	WASHER	4	18	664-45987-00	SPACER 1	1
4	93606-12019	PIN, dowel B (60-12mm)	2	19	689-45997-00	SPACER 2	1
				20	92990-14200	WASHER	1
5	664-45371-01	TAB-TRIM	1				
6	97475-08020	BOLT	1	21	90171-14013	NUT, castle	1
▽ 7 *	689-45214-00	COVER, water inlet 1	1	22	91490-30022	PIN, cotter	1
△ *	664-45214-00	COVER, water inlet 1	1	23	664-45941-01-36	PROPELLER ASS'Y 1 (3X9 1/4"X9"-F)	
▽ 8 *	689-45215-00	COVER, water inlet 2	1		664-45943-01-36	PROPELLER ASS'Y 2 (3X9 1/4"X8"-F)	
					664-45945-00-36	PROPELLER ASS'Y 3 (3X9 1/4"X10"-F)	
△ *	664-45215-00	COVER, water inlet 2	1		664-45947-01-36	PROPELLER ASS'Y 4 (3X9 1/4"X11 1/4"-F)	
9	98180-05025	SCREW, ovalhead	1		664-45949-00-36	PROPELLER ASS'Y 5 (3X9 1/4"X13"-F)	
10	90185-05002	NUT, self-locking	1		664-45952-00-36	PROPELLER ASS'Y 6 (3X9 1/4"X14"-F)	
11	664-44361-00	TUBE, water 1 (Short 113mm)	1				
※	689-44361-10	TUBE, water 1 (Long 197mm)	1				
※	689-44361-20	TUBE, water 1 (Super Long 245mm)	1				
▲ 12	689-44366-00	RUBBER, water seal 2	1				
★ 13	626-44365-01	RUBBER, water seal 1	1				
14	689-44314-00	SPACER	1				
15	689-44362-00-94	TUBE, water 2 (Long, Super Long)	1				

▽ 25DM S: 005055 and below
L: 304170 and below
LL: 600305 and below

25DE S: 250980 and below
L: 551730 and below
LL: 650205 and below

▽ 25DM S: 005058 and up
L: 304171 and up
LL: 600306 and up

25DE S: 250981 and up
L: 551731 and up
LL: 650206 and up

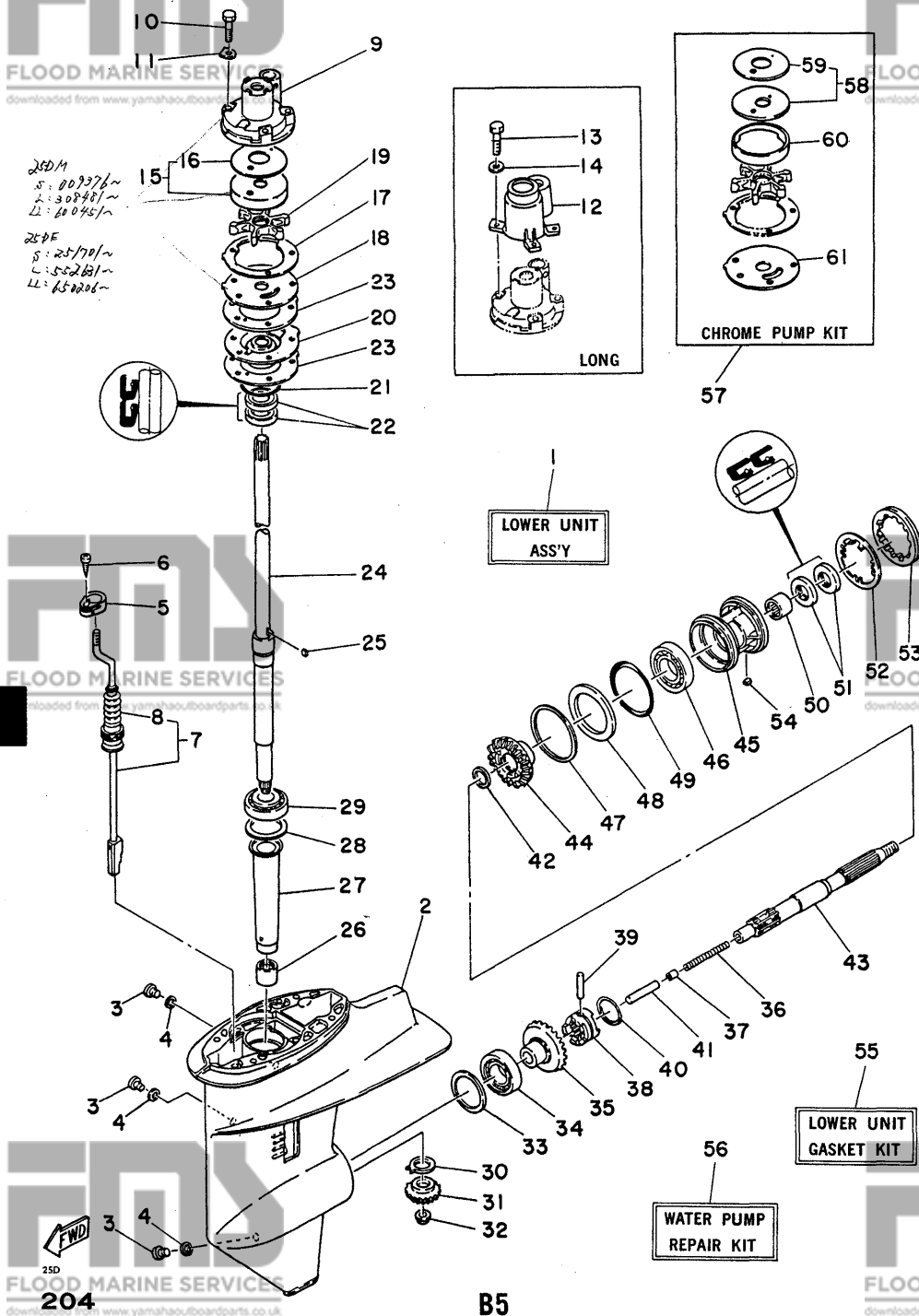
* New parts number

* Not shown

▲ Contents of lower unit gasket kit (Parts No. 689-W0001-20)

★ Contents of water pump repair kit (Parts No. 689-W0078-02)

Fig. 11 LOWER & DRIVE 2 -'80/'81



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LOWER & DRIVE 2 -'80/'81

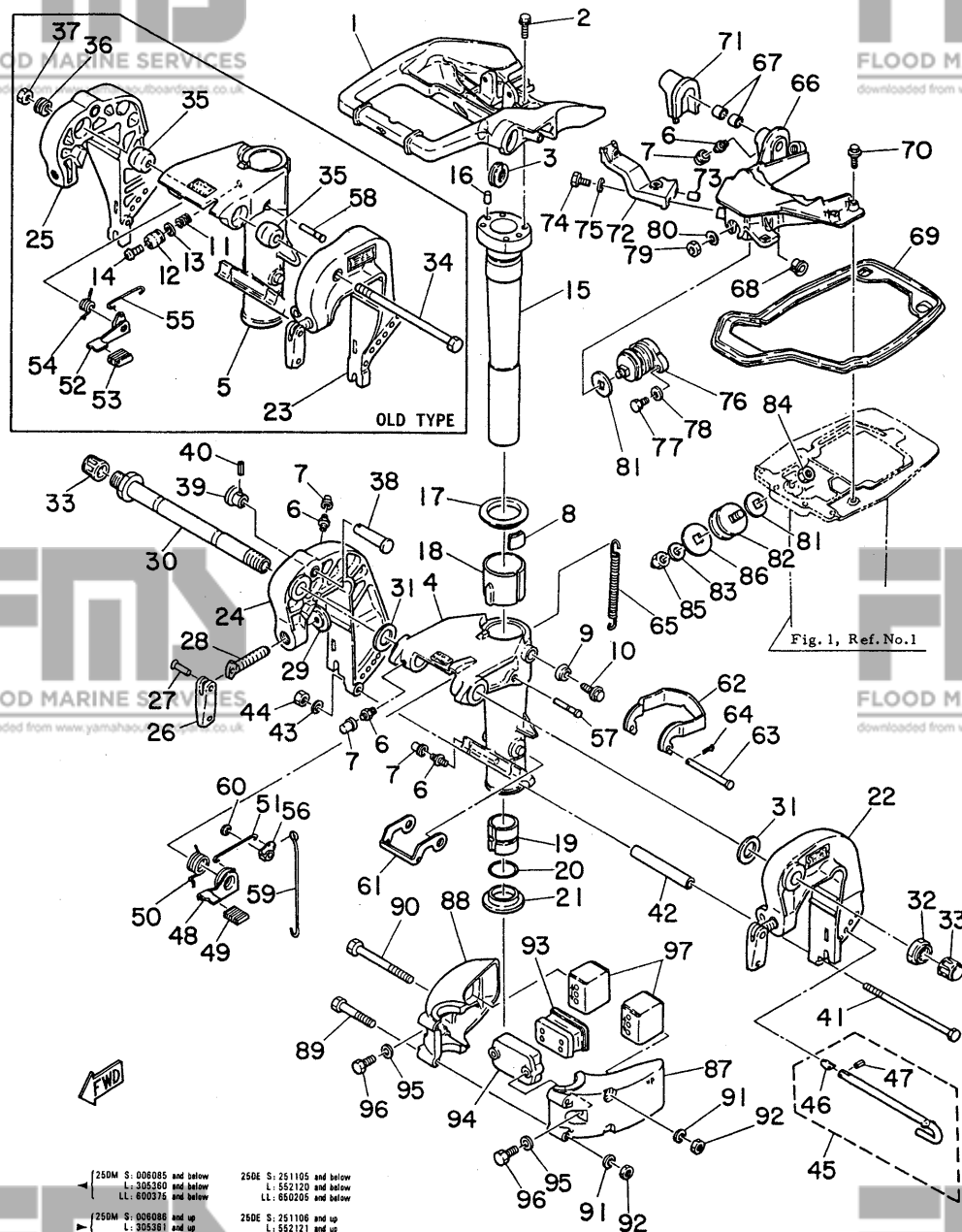
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-45300-00-F6	LOWER UNIT ASS'Y (Short) (Ref. No. 2 to 11, 15 to 54)	1	30	664-45552-00	BEARING, plain	1
2	689-45311-00-F6	CASING, lower	1	31	689-45551-00	PINION (13T)	1
3	90340-08014	PLUG, straight	3	32	90179-09M02	NUT	1
4	90430-08020	GASKET	3	33	664-45567-00-05	SHIM 1 (428-51.50-0.05mm)	U.R.
5	689-44176-00	BRACKET	1	34	664-45567-00-08	SHIM 1 (428-51.50-0.08mm)	
6	97780-50110	SCREW, panhead tapping	1	35	664-45567-00-12	SHIM 1 (428-51.50-0.12mm)	
7	664-44150-01	SHIFT CAM ASS'Y (Short 311mm)	1	36	664-45567-00-30	SHIM 1 (428-51.50-0.30mm)	
8	664-44150-11	SHIFT CAM ASS'Y (Long 438mm)	1	37	664-45567-00-50	SHIM 1 (428-51.50-0.50mm)	U.R.
9	664-44150-21	SHIFT CAM ASS'Y (Super Long 486mm)	1	38	93332-00005	BEARING, taper roller	1
10	664-44174-00	BOOT, shift rod	1	39	689-45560-00	GEAR 1 ASS'Y (24T)	1
11	689-44311-00	HOUSING, water pump	1	40	90501-10065	SPRING, compression	1
12	90101-06M56	BOLT	3	41	648-45634-00	SLIDE, shift	1
13	90209-06M04	WASHER	3	42	664-45631-00	CLUTCH, dog	1
14	689-44312-00-9M	COVER, water pump housing (Long)	1	43	90250-05010	PIN, straight	1
15	689-44312-00-94	COVER, water pump housing (Long)	1	44	648-45633-00	RING, cross pin	1
16	97395-06035	BOLT (Long)	3	45	648-45635-00	PLUNGER, shift	1
17	97375-06035	BOLT (Long)	3	46	90201-20417	WASHER (208-24.50-1.5mm)	1
18	92990-06600	WASHER (Long)	3	47	689-45611-00	SHAFT, propeller	1
19	689-W4432-00	INSERT CARTRIDGE COMP.	1	48	689-45571-00	GEAR 2 (24T)	1
20	689-44367-00	RUBBER, water seal 3	1	49	689-45331-00-94	HOUSING, bearing 1	1
21	689-44323-00	OUTER PLATE, cartridge	1	50	93306-00606	BEARING (B6006)	1
22	689-44324-00	GASKET, cartridge	1	51	664-45577-00-05	SHIM 2 (648-67.40-0.05mm)	U.R.
23	689-44352-00	IMPELLER	1	52	664-45577-00-08	SHIM 2 (648-67.40-0.08mm)	
24	689-44325-00-94	PROTECTOR, oil seal	1	53	664-45577-00-12	SHIM 2 (648-67.40-0.12mm)	
25	93210-40M10	O-RING (2.48-39.70)	1	54	664-45577-00-30	SHIM 2 (648-67.40-0.30mm)	
26	93101-22067	OIL SEAL (S-220-360-6mm)	2	55	664-45577-00-50	SHIM 2 (648-67.40-0.50mm)	U.R.
27	689-44319-00	GASKET, water pump 1	2	56	664-45576-00	WASHER, thrust 2 (490-670-4mm)	
28	689-45501-00	DRIVE SHAFT COMP. (Short 655.5mm)	1	57	93210-60M17	O-RING (3.90-59.60)	1
29	689-45501-10	DRIVE SHAFT COMP. (Long 782.5mm)	1	58	93315-22004	BEARING, needle	1
30	689-45501-20	DRIVE SHAFT COMP. (Super Long 830.5mm)	1	59	93101-20M07	OIL SEAL (S-18.50-340-6.5mm)	2
31	664-44338-00	KEY, woodruff	1	60	90214-45M00	WASHER, claw	1
32	93315-01704	BEARING, needle	1	61	664-45384-00	NUT	1
33	689-45536-00	SLEEVE, drive shaft	1	62	90282-04010	KEY, straight	1
34	664-45587-00-05	SHIM 3 (360-41.50-0.05mm)	U.R.	63	689-W0001-20	LOWER UNIT GASKET KIT	1
35	664-45587-00-08	SHIM 3 (360-41.50-0.08mm)		64	689-W0078-02	WATER PUMP REPAIR KIT	1
36	664-45587-00-12	SHIM 3 (360-41.50-0.12mm)		65	689-W0078-01	WATER PUMP REPAIR KIT	1
37	664-45587-00-30	SHIM 3 (360-41.50-0.30mm)		66	689-W0078-00	WATER PUMP REPAIR KIT	1
38	664-45587-00-50	SHIM 3 (360-41.50-0.50mm)	U.R.	67	689-W0078-0A	CHROME PUMP KIT	1
39	93332-00004	BEARING, taper roller		68	689-W4432-40	INSERT CARTRIDGE COMP.	1
40				69	689-44367-00	RUBBER, water seal 3	1
41				70	689-44322-40	INSERT, cartridge	1
42				71	689-44323-40	OUTER PLATE, cartridge	1

- * New parts number
 * Not shown
 ▲ Contents of lower unit gasket kit
 ★ Contents of water pump repair kit
 ☆ Contents of chrome pump kit

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Fig. 12 BRACKET '80/'81



BRACKET '80/'81

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	656-42511-01-F6	BRACKET, steering	1	50	* 689-43643-00	SPRING, torsion	1 B
2	90105-06M07	BOLT	4	51	* 689-43616-00	ROD, tilt lock 1	1 B
3	90480-29045	GROMMET	1	52	656-43631-00	LEVER, tilt 1	1 B
4	* 689-43311-01-F6	BRACKET, swivel	1	53	648-43633-00	COVER, tilt lever 1	1 B
5	689-43311-00-F6	BRACKET, swivel	1	54	90508-16018	SPRING, torsion	1 B
6	93700-06004	NIPPLE, grease	5	55	648-43616-00	ROD, tilt lock 1	1 B
7	93700-06004	NIPPLE, grease	3	56	* 648-43642-00	LEVER, tilt 2	1 B
8	663-45119-00	CAP, grease nipple	5	57	* 90249-06M10	PIN	1
9	* 663-45119-00	CAP, grease nipple	3	58	90249-06120	PIN	1 B
10	648-42528-00	PIECE, friction	1	59	648-43617-00	ROD, tilt lock 2	1
11	* 689-43373-01	SEAL, rubber	1 B	60	93430-05027	CIRCLIP (E-50)	1
12	* 90105-06M18	BOLT	1 B	61	689-43614-00	PLATE, tilt lock 1	1
13	90501-16099	SPRING, compression	1 B	62	648-43615-00	PLATE, tilt lock 2	1
14	689-43373-00	SEAL, rubber	1 B	63	90240-05046	PIN, with hole	1
15	92990-08600	WASHER	1 B	64	91490-16010	PIN, cotter	1
16	90149-08005	SCREW	1 B	65	90506-30055	SPRING, tension	1
17	689-42521-00-94	SHAFT, steering pivot	1	66	* 648-44508-01-9M	BRACKET COMP. 1	1
18	93608-12063	PIN, dowel B (89-12mm)	2	67	* 648-44508-01-94	BRACKET COMP. 1	1
19	90209-47016	WASHER	1	68	90380-12012	BUSHING, solid	2
20	90386-47M22	BUSHING	1	69	90380-12012	BUSHING, solid	2
21	90386-38022	BUSHING	1	70	689-42716-00	SEAL, rubber 1	1
22	93210-37160	O-RING (2.50-370)	1	71	90105-06M08	BOLT	4
23	90386-38090	BUSHING	1	72	689-42718-00	SEAL, rubber 3	1
24	* 689-43111-01-F6	BRACKET, clamp 1	1	73	648-44519-00-94	BRACKET 2	1
25	* 689-43111-00-F6	BRACKET, clamp 1	1 B	74	93606-12019	PIN, dowel B (60-12mm)	1
26	* 689-43112-01-F6	BRACKET, clamp 2	1	75	* 97395-06018	BOLT	1
27	* 689-43112-00-F6	BRACKET, clamp 2	1 B	76	* 97375-06018	BOLT	1
28	616-43118-00-F6	HANDLE, transom clamp	2	77	92990-06600	WASHER	2
29	90243-04001	PIN	2	78	689-44516-00	MOUNT RUBBER, upper front	1
30	* 90149-14030	SCREW	2	79	* 97395-06020	BOLT	2
31	* 648-43116-01	SCREW	2	80	* 97375-06020	BOLT	2
32	648-43114-01	PAD, transom clamp	2	81	92990-06600	WASHER	1
33	* 689-43131-00	BOLT	1 B	82	92880-10200	NUT	1
34	* 90201-22428	WASHER (22.50-370-0.5mm)	2 B	83	92990-10200	WASHER	1
35	* 90185-22043	NUT, self-locking	1 B	84	648-44591-00	GASKET, mount rubber 1	3
36	* 663-43145-00	CAP, clamp bracket	2 B	85	664-44514-00-94	MOUNT RUBBER, upper side	2
37	90101-10M54	BOLT	1 B	86	92990-10200	WASHER	2
38	648-43136-00	PIECE, friction	2 B	87	92880-10200	NUT	2
39	90504-59006	SPRING, compression	1 B	88	92890-10700	NUT, crown	2
40	95380-10600	NUT	1 B	89	664-44591-00	GASKET, mount rubber 1	2
41	689-43191-00	SHAFT, stopper	1	90	689-44551-00-F6	HOUSING, lower mount rubber 1	1
42	689-43192-00	KNOB, stopper	1	91	689-44552-00-F6	HOUSING, lower mount rubber 2	1
43	91690-30016	PIN, spring	1	92	* 97395-08065	BOLT	2
44	90101-08339	BOLT	1	93	* 97375-08065	BOLT	2
45	90387-09074	COLLAR (9.20-13.80-103mm)	1	94	* 97395-08100	BOLT	2
46	92990-08600	WASHER	1	95	* 97375-08100	BOLT	2
47	95380-08600	NUT	1	96	92990-08600	WASHER	4
48	* 682-43160-01	TILT ROD ASS'Y	1	97	95380-08600	NUT	4
49	* 682-43160-00	TILT ROD ASS'Y	1	98	689-44557-00	MOUNT RUBBER, lower front	1
50	656-43165-01	STOPPER PLATE	1	99	689-44553-00-94	COVER, lower mount	1
51	91690-30008	PIN, spring	1	100	92990-08600	WASHER	2
52	* 689-43631-00	LEVER, tilt 1	1 B	101	97375-08025	BOLT	2
53	* 689-43633-00	COVER, tilt lever 1	1 B	102	689-44555-00	MOUNT RUBBER, lower side	2

Fig. 13 CONTROL '80/'81

CONTROL '80/'81

Fig. 12, Ref. No. 66
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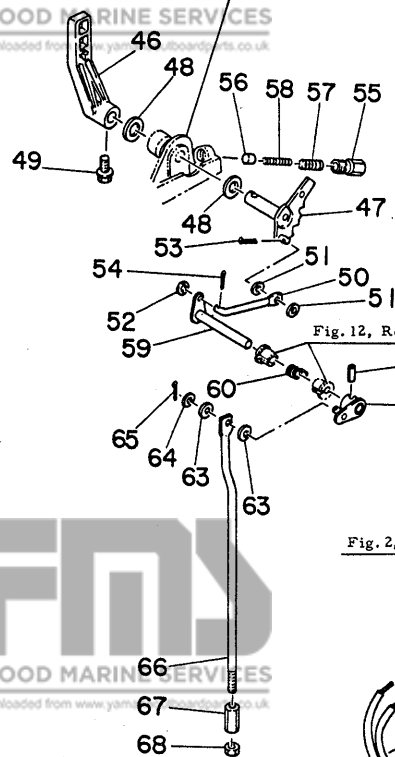


Fig. 4, Ref. No. 3
Fig. 5, Ref. No. 4

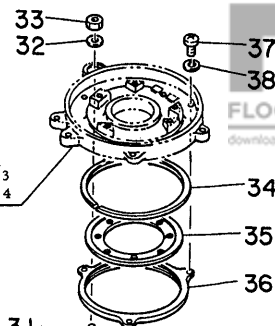
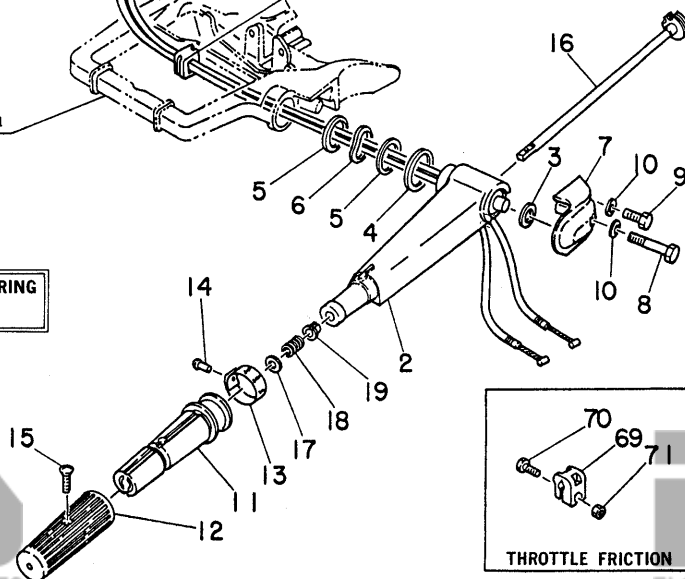


Fig. 12, Ref. No. 68

Fig. 2, Ref. No. 25

Fig. 12, Ref. No. 1

HANDLE STEERING ASS'Y



THROTTLE FRICTION

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	695-W0084-00-F6	HANDLE STEERING ASS'Y (Ref. No. 2, 11 to 23)	1	38 *	92903-05600	WASHER	3
2	689-42111-00-F6	HANDLE, steering 1	1	*	92903-05100	WASHER	3
3	90560-14076	SPACER	1	39	90116-05220	BOLT, stud	1
4	90202-34043	WASHER (340-420-1.5mm)	1	40	662-41237-01	JOINT, link 2	3
5	90201-28M28	WASHER (280-33.50-1.2mm)	2	41	95303-05600	NUT	2
6	90206-28M07	WASHER, wave (280-33.50-1.2mm)	1	42	695-42154-00-94	LEVER, throttle control	1
7	689-42112-00-F6	HANDLE, steering 2	1	43	656-42153-00-94	SHAFT, throttle control	1
8 *	97395-06050	BOLT	1	44	90386-10009	BUSHING	2
*	97375-06050	BOLT	1	45	91690-40018	PIN, spring	1
9 *	97395-06020	BOLT	1	46	689-44111-00-F6	HANDLE, gear shift	1
*	97375-06020	BOLT	1	47	664-44113-01	CAM PLATE, handle	1
10	92990-06600	WASHER	2	48	90202-12031	WASHER (12.20-240-0.7mm)	2
11	664-42119-00	GRIP, steering handle	1	49	90105-06M07	BOLT	1
12	689-42177-00	RUBBER, handle	1	50	664-44142-00	JOINT	1
13 *	695-42137-01	INDICATOR, throttle	1	51	90202-06007	WASHER (60-130-0.5mm)	2
*	695-42137-00	INDICATOR, throttle	1	52	92990-05600	WASHER	1
14	90269-02001	RIVET	1	53 *	91490-16010	PIN, cotter	1
15	98180-05025	SCREW, ovalhead	1	*	91490-16010	PIN, cotter	2
16	689-42138-00	LEVER, throttle	1	54 *	91490-12010	PIN, cotter	1
17	92903-10600	WASHER	1	55	664-42715-00	BUSHING 2	1
18	90501-23215	SPRING, compression	1	56	664-44167-00	PLUNGER, shift cam	1
19	90386-08032	BUSHING	1	57	90501-14M07	SPRING, compression	1
20	689-26311-00	THROTTLE WIRE COMP.	2	58	90501-09M08	SPRING, compression	1
21	90123-06065	BOLT, wire adjusting	2	59	689-44121-00	LEVER, shift rod 1	1
22	90170-06183	NUT	4	60	90508-14223	SPRING, torsion	1
23	90480-12156	GROMMET	1	61	689-44125-00	LEVER, shift rod 2	1
24	664-41631-00-94	LEVER, magneto control	1	62	91690-40016	PIN, spring	1
25	90387-06M02	COLLAR (6.30-100-10.5mm)	1	63	90202-06007	WASHER (60-130-0.5mm)	2
26	90387-06298	COLLAR (6.50-170-1.6mm)	1	64	92990-05600	WASHER	1
27	97313-06025	BOLT	1	65	91490-20010	PIN, cotter	1
28	664-14497-00	STAY, throttle wire	1	66	664-44143-00	ROD, shift 1	1
29	97313-06012	BOLT	1	67	648-44146-00	CONNECTOR, shift rod 2	1
30	664-41636-00	ROD, magneto control	1	68	90170-07021	NUT	1
31	648-41635-00	SHAFT, link connecting	1	THROTTLE FRICTION			
32	90201-05556	WASHER (5.20-150-2mm)	1	69	656-42126-01	PIECE, friction	1
33	95303-05600	NUT	1	70 *	97395-06020	BOLT	1
34	695-41613-00	PLATE, base friction	1	*	97375-06020	BOLT	1
35	695-41611-00-94	RETAINER, magneto base 1	1	71	90185-06062	NUT, self-locking	1
36	695-41612-00	RETAINER, magneto base 2	1				
37	97803-05010	SCREW, panhead	3				

* New parts number
* Not shown

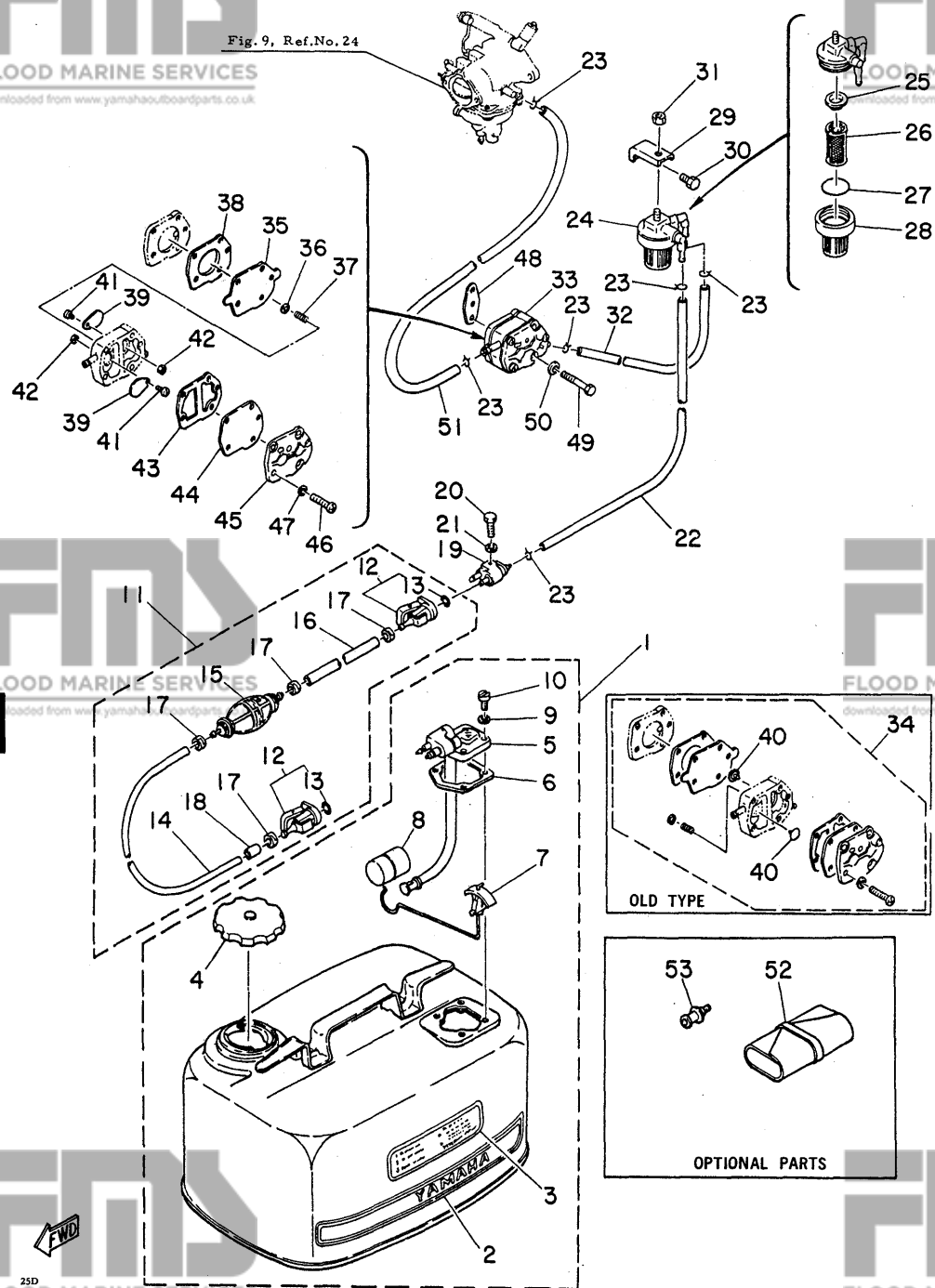
250M S: 006085 and below
L: 305360 and below
LL: 600375 and below
250M S: 006086 and up
L: 305361 and up
LL: 600376 and up

250E S: 251105 and below
L: 552120 and below
LL: 650205 and below
250E S: 251106 and up
L: 552121 and up
LL: 650206 and up

25D

Fig. 14 FUEL SECTION '80/'81

Fig. 9, Ref.No.24



Ref.No.	Parts No.	Description	Q'ty
1	664-24202-80-24	FUEL TANK ASS'Y	1
2	663-24244-00	. GRAPHIC, side	2
3	663-24245-80	. GRAPHIC	1
4	802-24610-00	. CAP ASS'Y	1
5	656-24275-03	. FUEL METER COMP.	1
6	663-24268-00	. GASKET, fuel meter housing	1
7	656-24241-03	. INDICATOR	1
8	663-24264-00	. FLOAT	1
9	630-24329-00	. SEAL	4
10	98380-05018	. SCREW, cylinderhead	4
11	663-24310-61	FUEL PIPE ASS'Y	1
12	655-24305-01	. FUEL PIPE JOINT COMP. 2	2
13	93210-08287	. O-RING (3.00-8.00)	2
* 14	90445-12M04	. HOSE (60-11.50-1900mm)	1
15	650-24360-01	. PRIMARY PUMP ASS'Y	1
* 16	90445-12155	. HOSE (60-11.50-1000mm)	1
17	650-24351-00	. BAND, fuel pipe	4
18	663-24397-00	. COLLAR	1
19	655-24304-01	FUEL PIPE JOINT COMP. 1	1
20	97313-06020	BOLT	1
21	92903-06600	WASHER	1
22	90445-09M25	HOSE (50-90-410mm)	1
23	90467-08004	CLIP	6
24	655-24560-00	FILTER ASS'Y	1
■ 25	655-24564-00	. PACKING, filter	1
26	655-24563-00	. ELEMENT, filter	1
■ 27	93210-37M25	. O-RING (2.00-34.50)	1
28	655-24521-00	. CUP, filter	1
29	648-24566-01	BRACKET, filter	1
30	97313-06012	BOLT	1

FUEL SECTION '80/'81

Ref.No.	Parts No.	Description	Q'ty
31	95303-08600	NUT	1
32	664-24311-00	HOSE (50-90-115mm)	1
▽ 33 *	6A0-24410-00	FUEL PUMP ASS'Y	1 } A
△ 34	679-24410-01	FUEL PUMP ASS'Y	1 }
35	648-24411-00	. DIAPHRAGM, pump	1
36	648-24424-00	. PLATE, spring guide	1
37	648-24423-00	. SPRING, pump diaphragm	1
38	648-24434-00	. GASKET, body 1	1
▽ 39 *	6A0-24421-00	. VALVE, check	2 }
△ 40	682-24421-00	. VALVE, check	2 }
▽ 41 *	98501-03006	. SCREW, panhead	2 B
▽ 42 *	98813-03100	. NUT	2 B
43	648-24435-02	. GASKET, body 2	1
44	663-24411-00	. DIAPHRAGM, pump	1
45	648-24413-01	. COVER, pump	1
46	98503-05028	. SCREW, panhead	3
47	92990-05100	. WASHER	3
■ 48	650-24431-00	GASKET, fuel pump	1
49	97313-06040	BOLT	2
50	92903-06600	WASHER	2
51	648-24312-01	HOSE (60-100-150mm)	1
52	670-28100-60	TOOL ASS'Y	1
53	626-28193-01-94	PLUG, water check 1	1

△ 25DM S: 004470 and below
L: 303550 and below
LL: 800250 and below

25DE S: 250840 and below
L: 551470 and below
LL: 850180 and below

▽ 25DM S: 004471 and up
L: 303551 and up
LL: 800251 and up

25DE S: 250841 and up
L: 551471 and up
LL: 850181 and up

- * New parts number
- Not shown
- Contents of power head gasket kit (Parts No. 695-W0001-00)
- + Also available in 30m rolls (Parts No. 90890-56878)

OPTIONAL PARTS

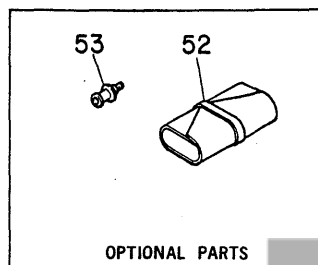
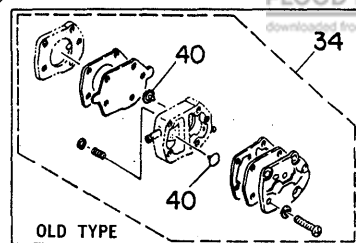


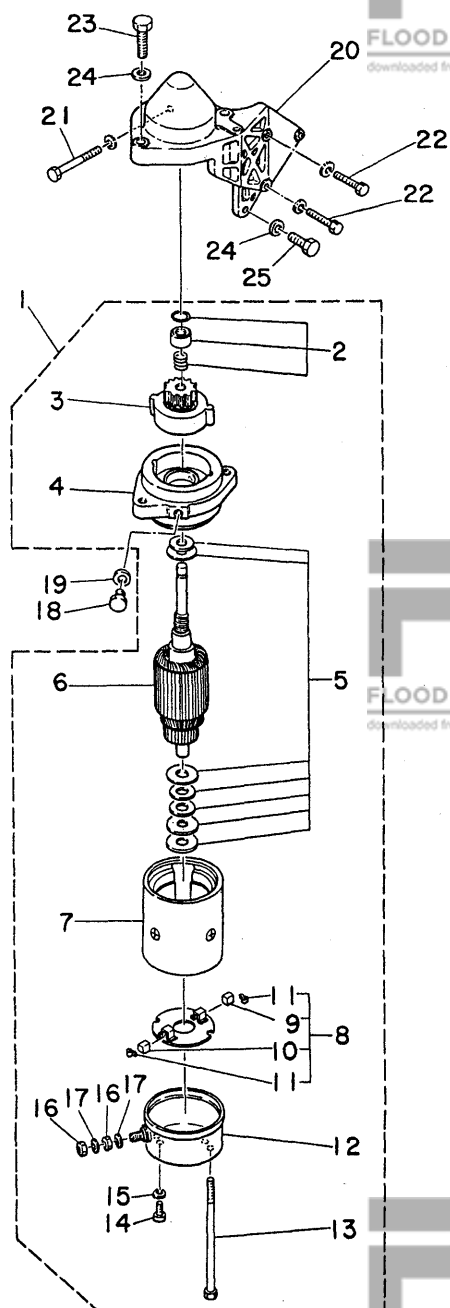
Fig. 15 ELECTRIC MOTOR (25DE MODEL) -'80/'81

25DE S : 251105 and below
L : 552120 and below
LL : 650205 and below

Ref.No.	Parts No.	Description	Q'ty
1	689-81800-10	ELECTRIC MOTOR ASS'Y	1
2	689-81857-10	PINION STOPPER SET	1S
3	689-81807-10	PINION ASS'Y (11T)	1
4	689-81830-10	FRONT COVER ASS'Y	1
5	689-81809-10	WASHER KIT	1S
6	689-81850-10	ARMATURE ASS'Y	1
7	689-81810-10	STATOR ASS'Y	1
8	689-81840-10	BRUSH HOLDER ASS'Y	1
9	689-81811-10	BRUSH 1 (+)	1
10	689-81812-10	BRUSH 2 (-)	1
11	689-81813-10	SPRING, brush	2
12	689-81820-10	REAR COVER ASS'Y	1
13	689-81826-10	BOLT	2
14	98501-04012	SCREW, panhead	2
15	92901-04100	WASHER	2
16	95303-06700	NUT	2
17	92903-06100	WASHER	2
18	97313-08012	BOLT	1
19	92903-08600	WASHER	1
20	695-15772-40-94	STAY 2	1
21	97313-06050	BOLT	1
22	97313-06030	BOLT	2
23	97313-08030	BOLT	2
24	92903-08600	WASHER	3
25	97313-08020	BOLT	1

The following parts are not used when using the 25DE MODEL.

3-30	95303-06600	NUT	1
3-32	656-15772-00-94	STAY 2	1
3-33	97313-06025	BOLT	2
9-11	97313-06035	BOLT	1



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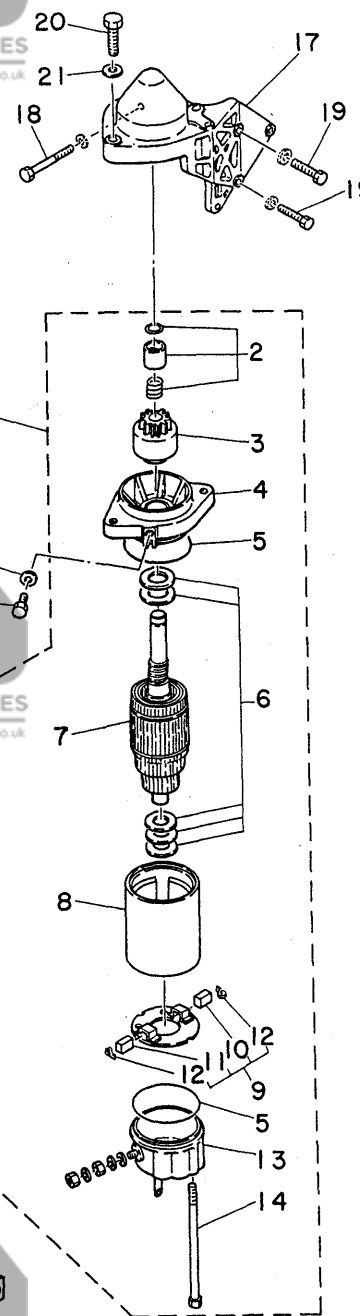
Fig. 16 ELECTRIC MOTOR (25DE MODEL) -'80/'81

25DE S : 251106 and up
L : 552121 and up
LL : 650206 and up

Ref.No.	Parts No.	Description	Q'ty
1	689-81800-11	ELECTRIC MOTOR ASS'Y	1
2	689-81857-11	PINION STOPPER SET	1S
3	689-81807-11	PINION ASS'Y (11T)	1
4	689-81830-11	FRONT COVER ASS'Y	1
5	689-81847-11	O-RING	2
6	689-81809-11	WASHER KIT	1S
7	689-81850-11	ARMATURE ASS'Y	1
8	689-81810-11	STATOR ASS'Y	1
9	689-81840-11	BRUSH HOLDER ASS'Y	1
10	689-81811-11	BRUSH 1 (+)	1
11	689-81812-11	BRUSH 2 (-)	1
12	689-81813-10	SPRING, brush	2
13	689-81820-11	REAR COVER ASS'Y	1
14	689-81826-10	BOLT	2
15	97390-08012	BOLT	1
16	92903-08600	WASHER	1
17	695-15772-40-94	STAY 2	1
18	97390-06050	BOLT	1
19	97390-06030	BOLT	2
20	97395-08030	BOLT	2
21	92903-08600	WASHER	2

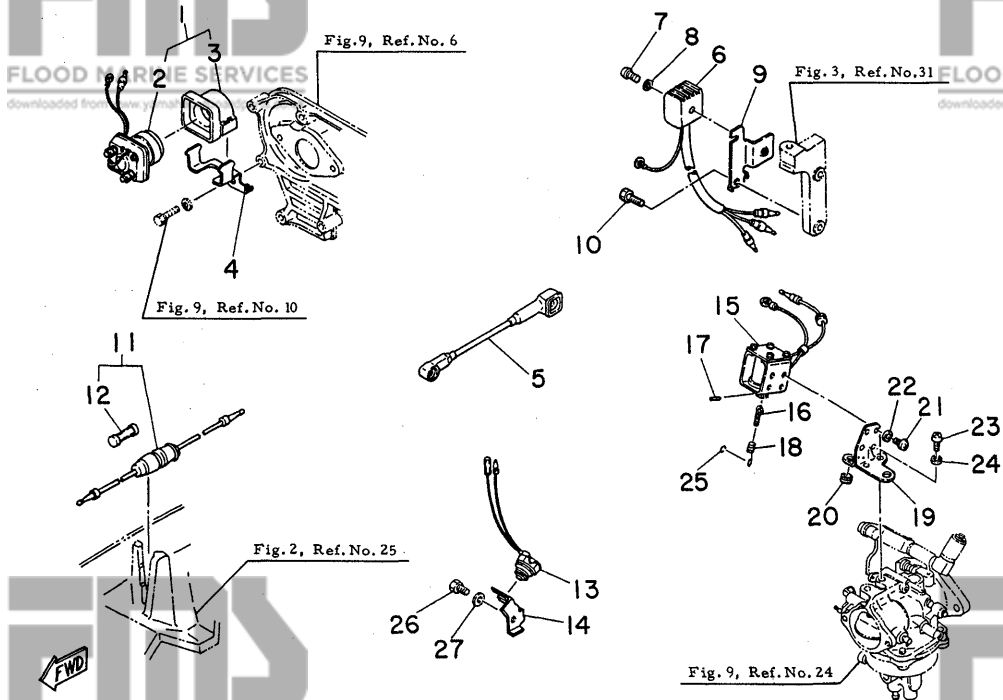
The following parts are not used when using the 25DE MODEL.

3-30	95303-06600	NUT	1
3-32	656-15772-00-94	STAY 2	1
3-33	97313-06025	BOLT	2
9-11	97313-06035	BOLT	1



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Fig. 17 ELECTRIC PARTS (25DE MODEL) -'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
▶ 1 *	689-81940-11	STARTER RELAY ASS'Y	1	14	656-15774-41	STAY 4	1
▶ *	689-81940-10	STARTER RELAY ASS'Y	1	15	689-86111-00	COIL, solenoid	1
▶ 2 *	682-81941-11	STARTER RELAY	1	16	676-86117-00	HOOK, wire pull	1
▶ *	682-81941-10	STARTER RELAY	1	17	91690-30010	PIN, spring	1
3	689-81952-10	HOLDER, starter relay	1	18	664-86116-00	WIRE, pull	1
4	695-81945-00	PLATE, switch fitting	1	19 *	689-86112-01	STAY, solenoid	1
▶ 5 *	695-82531-01	WIRE, lead	1	▶ *	689-86112-00	STAY, solenoid	1
▶ *	695-82531-00	WIRE, lead	1	20	90480-10155	GROMMET	1
6	664-81970-60	RECTIFIER ASS'Y	1	21	98503-04005	SCREW, panhead	4
7	97803-05025	SCREW, panhead	1	22	92903-04200	WASHER	4
8	92903-05600	WASHER	1	23	97803-05012	SCREW, panhead	2
9	695-81975-00	PLATE, rectifier fitting	1	24	92903-05600	WASHER	2
▶ 10 *	97390-06028	BOLT	2	25	93210-03261	O-RING (1.20-2.80)	1
11	682-82150-10	FUSE HOLDER ASS'Y	1	26	97313-06012	BOLT	1
12	663-82151-00	FUSE (12V-20A)	1	27	92903-06600	WASHER	1
13	689-82540-00	NEUTRAL SWITCH ASS'Y	1				

The following parts are not used when using the 25DE MODEL.

3-33	97313-06025	BOLT	2	3-43	656-15774-00	STAY 4	1
3-35	92903-06600	WASHER	1	3-44	97313-06010	BOLT	1

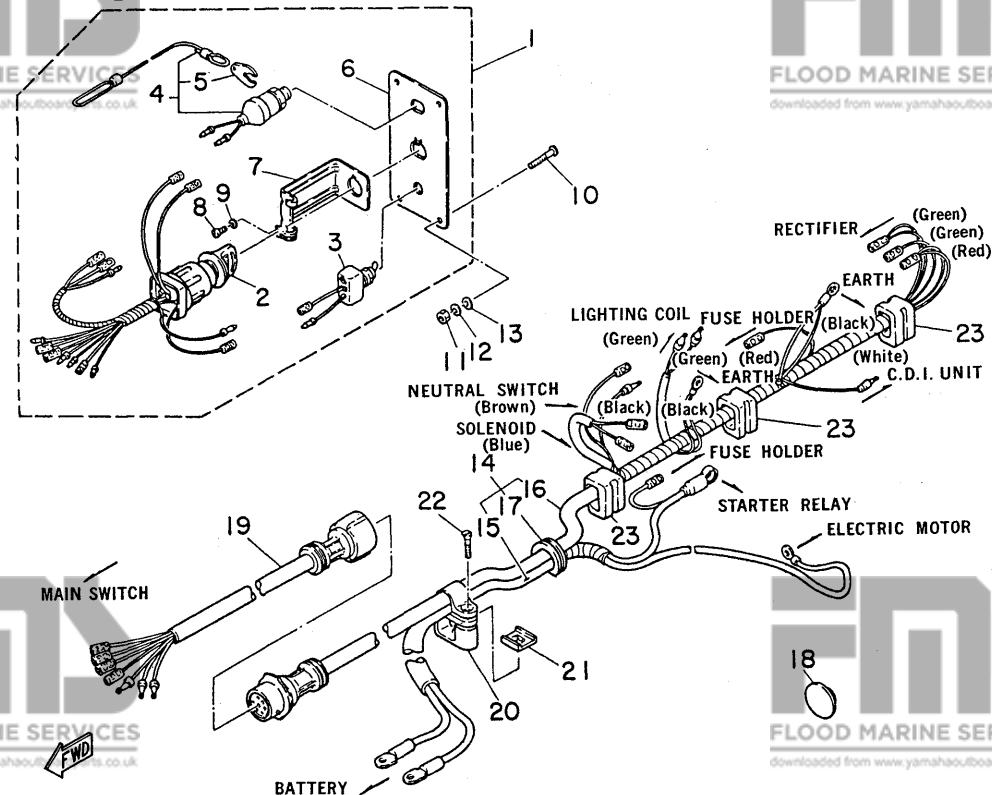
* New parts number
 * Not shown

25DE S: 251105 and below
 L: 552120 and below
 LL: 850205 and below

25DE S: 251108 and up
 L: 552121 and up
 LL: 850208 and up

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Fig. 18 SWITCH PANEL (25DE MODEL) -'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
▶ 1 *	689-82570-10	SWITCH PANEL ASS'Y	1	13	92903-05600	WASHER	4
▶ *	695-82570-10	SWITCH PANEL ASS'Y	1	▶ 14 *	695-82580-11	WIRE HARNESS ASS'Y	1
▶ 2 *	688-82508-10	MAIN SWITCH ASS'Y	1	▶ *	695-82580-10	WIRE HARNESS ASS'Y	1
▶ *	682-82508-10	MAIN SWITCH ASS'Y	1	▶ 15 *	695-82105-11	WIRE LEAD ASS'Y	1
3	688-82574-00	SWITCH, choke	1	▶ *	695-82105-10	WIRE LEAD ASS'Y	1
4	688-82575-00	KILL SWITCH ASS'Y	1	▶ 16 *	689-82591-10	WIRE HARNESS ASS'Y	1
5	663-82556-70	STOPPER	1	▶ *	695-82590-10	WIRE HARNESS ASS'Y	1
6	689-82571-00	PANEL, switch	1	17	689-42724-50	GROMMET	1
7	663-82581-01	STAY, cord clamp	1	18	90480-17165	GROMMET	1
8	98303-04008	SCREW, cylinderhead	1	19	688-82586-20	EXTENSION, wire harness (5m)	1
9	92901-04100	WASHER	1	20	676-82594-10	CLAMP	1
10	98903-05025	SCREW, bind	4	21	682-42525-00	PLATE, friction 1	1
11	95303-05600	NUT	4	22	90161-06M08	SCREW, flathead tapping	1
12	92903-05100	WASHER	4	23	90480-17M08	GROMMET	3

The following parts are not used when using the 25DE MODEL.

2-40	682-84381-00	2P CONCENT 1	1	2-42	689-82575-01	KILL SWITCH ASS'Y	1
				2-43	663-82556-70	STOPPER	1

* New parts number
 * Not shown

25DE S: 251105 and below
 L: 552120 and below
 LL: 850205 and below

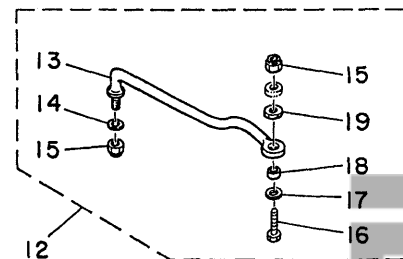
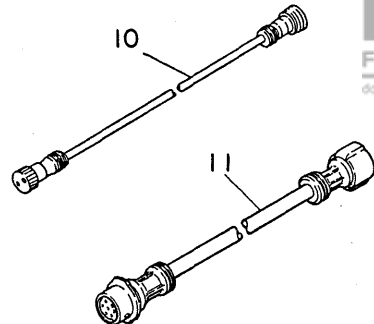
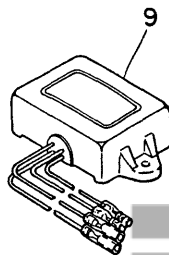
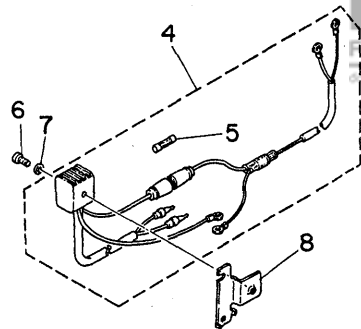
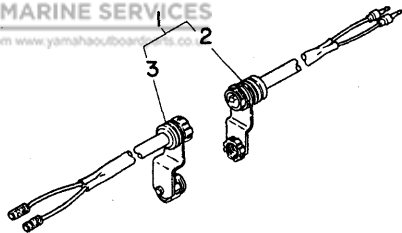
25DE S: 251108 and up
 L: 552121 and up
 LL: 850208 and up

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Fig. 19 OPTIONAL PARTS 1 -'80/'81

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Ref.No.	Parts No.	Description	Q'ty
CONCENT 2P			
1	682-84380-00	CONCENT 2P ASS'Y	1
2	682-84381-00	2P CONCENT 1	1
3	682-84382-00	2P CONCENT 2	1
RECTIFIER			
4	676-81970-00	RECTIFIER ASS'Y	1
5	663-82151-00	FUSE (12V-20A)	1
6	97803-05025	SCREW, panhead	1
7	92903-05600	WASHER	1
8	695-81975-00	PLATE, rectifier fitting	1
VOLTAGE REGULATOR			
9	663-81910-10	VOLTAGE REGULATOR ASS'Y	1
EXTENSION WIRE			
10 *	689-82553-10	EXTENSION, wire lead (2m) (For Stop Switch)	1
*	676-82553-00	EXTENSION, wire lead (2m) (For Stop Switch)	1
11	688-82586-10	EXTENSION, wire harness (2m) (For 7P Concent)	1
STEERING GUIDE ATTACHMENT			
▶ 12 *	689-61350-00	STEERING GUIDE ATTACHMENT KIT (Single)	1S
▶ 13 *	689-61351-00	ROD, steering link	1
▶ 14 *	90201-10M20	WASHER (9.7φ-16φ-1.5mm)	1
▶ 15 *	90185-09M01	NUT, self-locking	2
▶ 16 *	90101-06M66	BOLT	1
▶ 17 *	90201-10M63	WASHER	1
▶ 18 *	90387-10M35	BUSHING	1
▶ 19 *	90170-09M03	NUT	1

▶ (25DM S: 006086 and up
L: 305361 and up
LL: 600376 and up)

25DE S: 251106 and up
L: 552121 and up
LL: 650206 and up

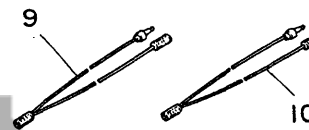
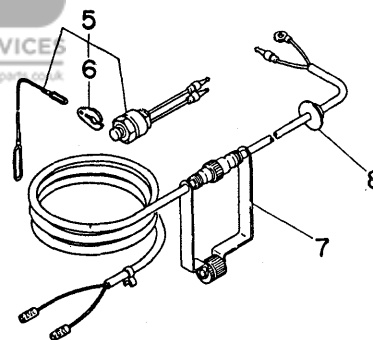
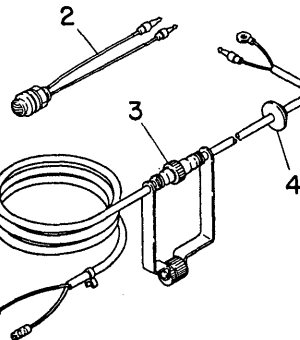
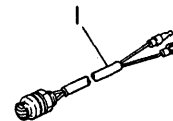
* New parts number

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Fig. 20 OPTIONAL PARTS 2 -'80/'81

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Ref.No.	Parts No.	Description	Q'ty
STOP SWITCH			
▶ 1 *	689-82550-01	STOP SWITCH ASS'Y	1
▶ *	664-82550-01	STOP SWITCH ASS'Y	1
The following parts are not used when using the stop switch ass'y (Parts No. 689-82550-01)			
2-42	689-82575-01	KILL SWITCH ASS'Y	1
2-43	663-82556-70	STOPPER	1
STOP SWITCH (5m)			
▶ 2 *	689-82550-11	STOP SWITCH ASS'Y	1
▶ *	695-82550-10	STOP SWITCH ASS'Y	1
▶ 3 *	689-82553-20	EXTENSION, wire lead	1
▶ *	695-82553-20	EXTENSION, wire lead	1
4	689-42725-40	GROMMET 2	1
The following parts are not used when using the stop switch (5m)			
2-42	689-82575-01	KILL SWITCH ASS'Y	1
2-43	663-82556-70	STOPPER	1
KILL SWITCH			
▶ 5 *	689-82575-11	KILL SWITCH ASS'Y	1
▶ *	695-82575-10	KILL SWITCH ASS'Y	1
6	663-82556-70	STOPPER	1
▶ 7 *	689-82553-20	EXTENSION, wire lead	1
▶ *	695-82553-20	EXTENSION, wire lead	1
8	689-42725-40	GROMMET 2	1
The following parts are not used when using the kill switch (5m)			
2-42	689-82575-01	KILL SWITCH ASS'Y	1
2-43	663-82556-70	STOPPER	1
LEAD WIRE			
9 *	699-82149-AQ	WIRE, lead (Gray)	1
10 *	699-82149-00	WIRE, lead (Orange)	1

▶ (25DM S: 006086 and below
L: 305360 and below
LL: 600375 and below)

25DE S: 251105 and below
L: 552120 and below
LL: 650205 and below

▶ (25DM S: 006086 and up
L: 305361 and up
LL: 600376 and up)

25DE S: 251106 and up
L: 552121 and up
LL: 650206 and up

* New parts number

* Not shown

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Fig. 21 REMOTE CONTROL -'80/'81

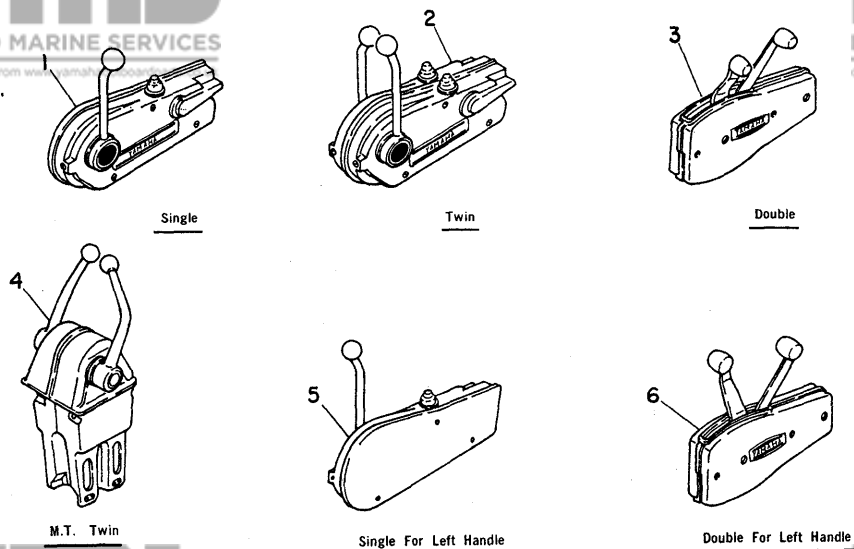
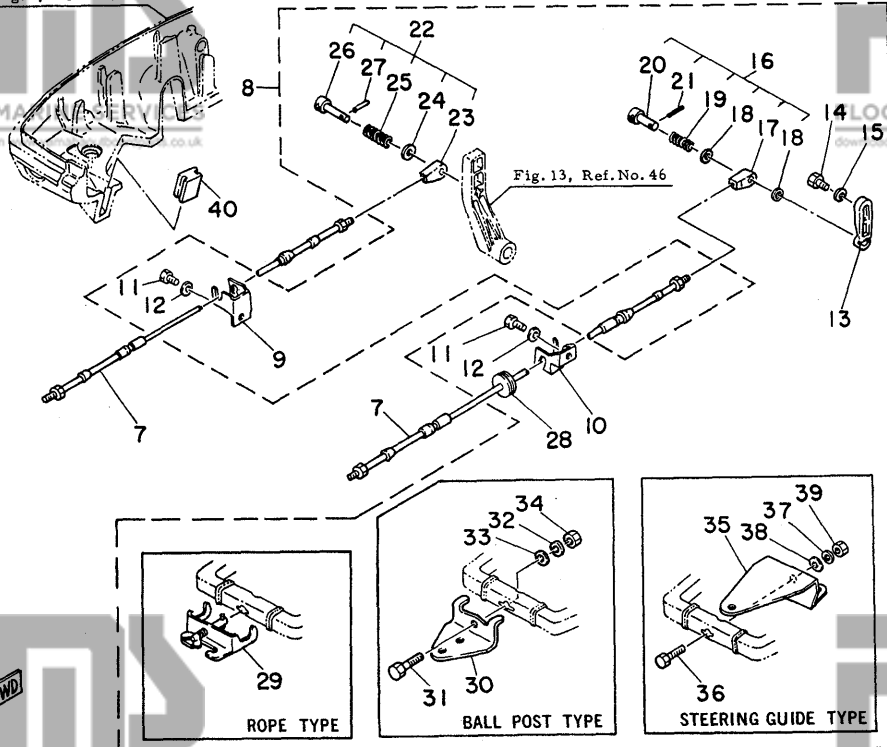
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Fig. 2, Ref. No. 25

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REMOTE CONTROL -'80/'81

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Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
REMOTE CONTROL				15	92990-06600	. WASHER	1
▲ 1	701-48110-11	REMOTE CONTROL ASS'Y 1	U.R.	16	648-48340-50	. CABLE END ASS'Y (Throttle)	1
▲ 2	701-48110-21	REMOTE CONTROL ASS'Y 2		17	617-48346-90	. . CABLE END, remote control 3	1
3	701-48110-31	REMOTE CONTROL ASS'Y 3		18	92990-08200	. . WASHER	2
4	701-48110-80	REMOTE CONTROL ASS'Y 8		19	90501-10264	. . SPRING, compression	1
5	701-48120-11	REMOTE CONTROL ASS'Y 1	U.R.	20	617-48361-90	. . HOOK, cable 1	1
6	701-48120-31	REMOTE CONTROL ASS'Y 3		21	91690-30012	. . PIN, spring	1
7	701-48310-40	CABLE, remote control 8F		22	648-48330-50	. CABLE END ASS'Y (Shift)	1
	701-48310-60	CABLE, remote control 9F		23	648-48346-50	. . CABLE END, remote control	1
	701-48310-90	CABLE, remote control 11F		24	92990-08200	. . WASHER	1
	701-48320-00	CABLE, remote control 12F	U.R.	25	90501-10071	. . SPRING, compression	1
	701-48320-20	CABLE, remote control 13F		26	617-48331-90	. . HOOK, cable 1	1
	701-48320-30	CABLE, remote control 14F		27	91690-30012	. . PIN, spring	1
	701-48320-50	CABLE, remote control 15F		28	90480-22039	. GROMMET	1
	701-48320-60	CABLE, remote control 16F		ROPE TYPE			
	701-48320-80	CABLE, remote control 17F		29	700-48510-12	. STEERING HOOK ASS'Y	1
	701-48320-90	CABLE, remote control 18F		BALL POST TYPE			
REMOTE CONTROL ATTACHMENT				30	676-48511-10	. HOOK, steering	1
8	648-48501-00-F6	ATTACHMENT ASS'Y (Rope Type)	1	31	97375-10040	. BOLT	1
		(Ref. No. 9 to 28)		32	92990-10100	. WASHER	1
	648-48501-10-F6	ATTACHMENT ASS'Y (Ball Post Type)	1	33	92990-10600	. WASHER	1
		(Ref. No. 9 to 27, 29 to 33)		34	95380-10600	. NUT	1
	* 648-48501-20-F6	ATTACHMENT ASS'Y	1	STEERING GUIDE TYPE			
		(Steering Guide Type)		► 35 *	689-48511-00	. HOOK, steering	1
		(Ref. No. 9 to 28, 35 to 39)		► 36 *	97395-10040	. BOLT	1
9	648-48531-50	. BRACKET, remote control 1	1	► 37 *	92990-10100	. WASHER	1
10	648-48532-50	. BRACKET, remote control 2	1	► 38 *	92990-10600	. WASHER	1
11 *	97395-06016	. BOLT	2	► 39 *	95380-10600	. NUT	1
*	97370-06016	. BOLT	2	OPTIONAL PARTS			
12	92990-06600	. WASHER	2	40	676-42724-40	GROMMET 1	1
13 *	648-48534-50-F6	. THROTTLE LEVER, control	1	(For Without Manual Steering)			
*	648-48534-50-94	. THROTTLE LEVER, control	1				
14 *	97395-06012	. BOLT	1				
*	97375-06012	. BOLT	1				

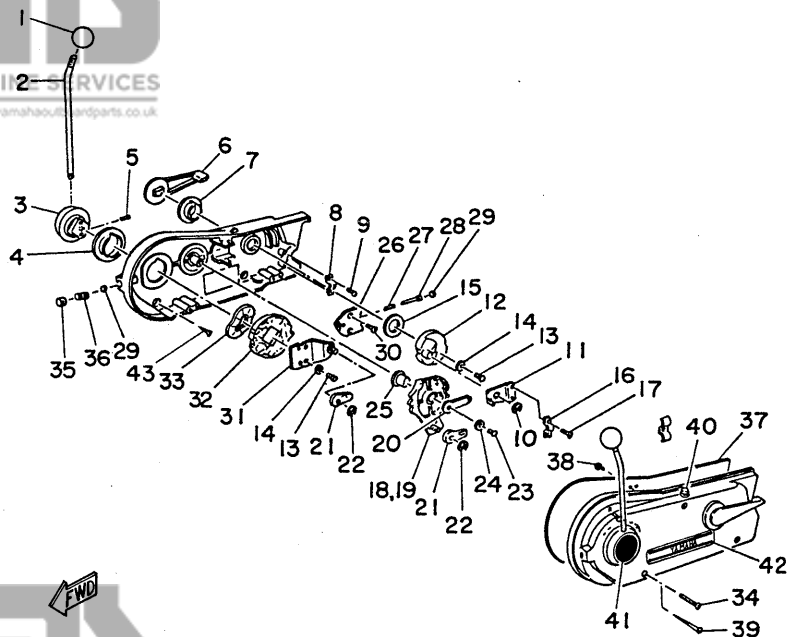
► 25DM S. 000080 and up
L: 305361 and up
LL: 600370 and up

25DE S. 251106 and up
L: 552121 and up
LL: 650206 and up

* New parts number
* Not shown
▲ See Fig. 22 for detail service parts.

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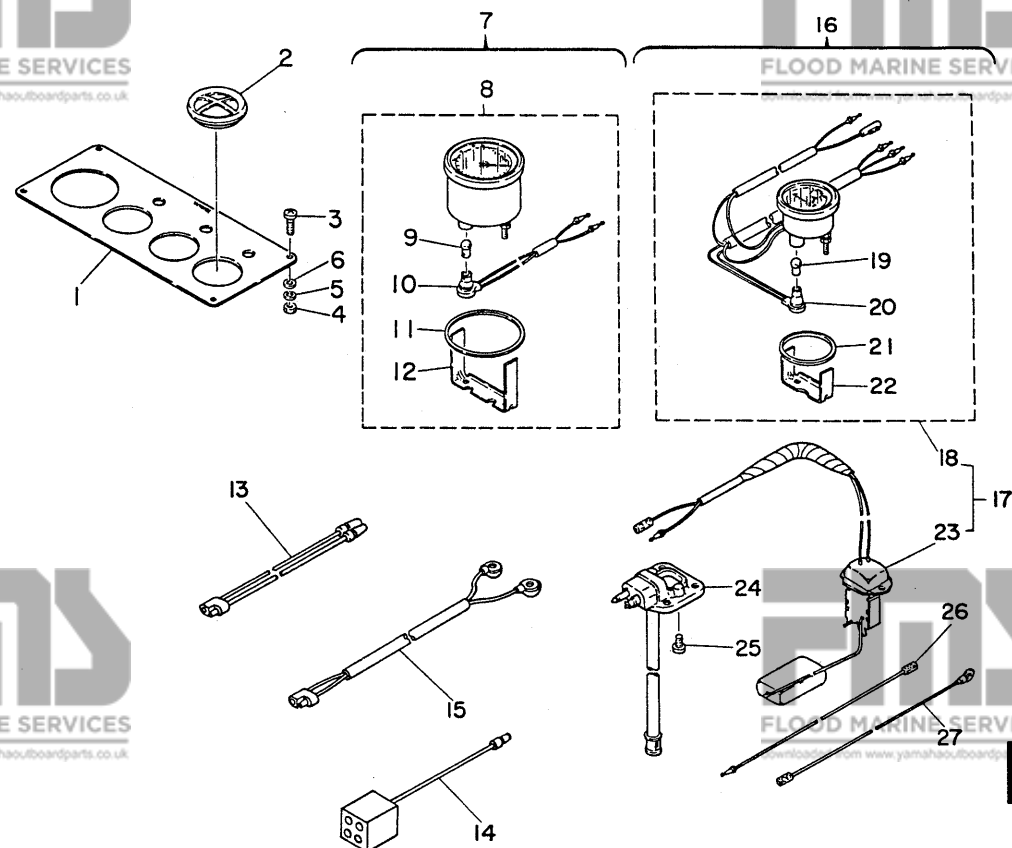
Fig. 22 REMOTE CONTROL ASS'Y -'80/'81



Ref.No.	Parts No.	Description	Q'ty Single Twin	Ref.No.	Parts No.	Description	Q'ty Single Twin
* 701-48110-11		REMOTE CONTROL ASS'Y 1 (See Fig. 21, Ref. No. 1)	1 -	21 701-48345-30		CABLE END, remote control	2 4
* 701-48110-21		REMOTE CONTROL ASS'Y 2 (See Fig. 21, Ref. No. 2)	- 1	22 93430-06024		CIRCLIP (E-60)	2 4
1 701-48118-10		GRIP, shift lever	1 2	23 90140-05008		SCREW	1 2
2 701-48137-10		LEVER, control	1 2	24 92990-05300		WASHER, tooth	1 2
3 701-48114-10		BOSS, control lever	1 2	25 701-48165-10		BUSHING	1 2
4 701-48116-10		BUSHING	1 2	26 701-48189-10		RETAINER	1 2
5 701-48127-10		SCREW	1 2	27 701-48159-10		SPRING 2	1 2
6 701-48152-10		KNOB, free accel.	1 2	28 701-48155-10		PLUNGER	1 2
7 701-48234-10		BUSHING 1	1 2	29 93503-08025		BALL, steel	2 4
8 701-48352-10		ANCHOR, cable	1 2	30 90141-05005		SCREW	2 4
9 90146-05004		SCREW, ovalhead	2 4	31 701-48132-10		LEVER, throttle 2	1 2
10 93430-10025		CIRCLIP (E-100)	1 2	32 701-48131-10		LEVER, throttle 1	1 2
11 701-48133-10		PLATE, link	1 2	33 701-48196-10		WASHER, wave	1 2
12 701-48153-10		SHAFT, free accel.	1 2	34 90141-05006		SCREW	- 3
13 90146-06003		SCREW, ovalhead	3 6	35 701-48171-10		BOLT	1 2
14 92990-06300		WASHER, tooth	3 6	36 701-48158-10		SPRING	1 2
15 701-48191-10		WASHER 1	1 2	37 701-48119-10		COVER	1 1
16 701-48352-10		ANCHOR, cable	1 2	38 90140-05009		SCREW	3 -
17 90146-05004		SCREW, ovalhead	2 4	39 90130-05003		SCREW	3 -
18 701-48148-10		LEVER, shift	- 1	40 701-82550-51		STOP SWITCH ASS'Y	1 2
19 701-48136-10		LEVER, shift	1 1	41 701-48125-51		MARK 1	1 1
20 701-48147-10		PLATE, lock	1 2	42 701-48126-51		MARK 2	1 1
				43 90130-05002		SCREW	3 3

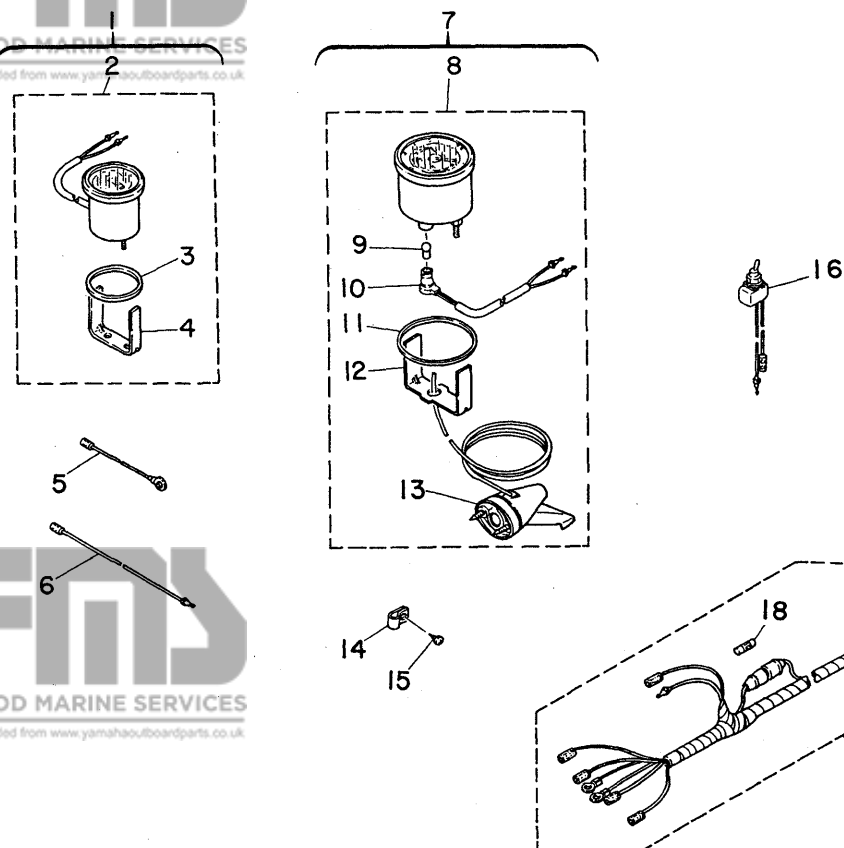
* Not shown

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



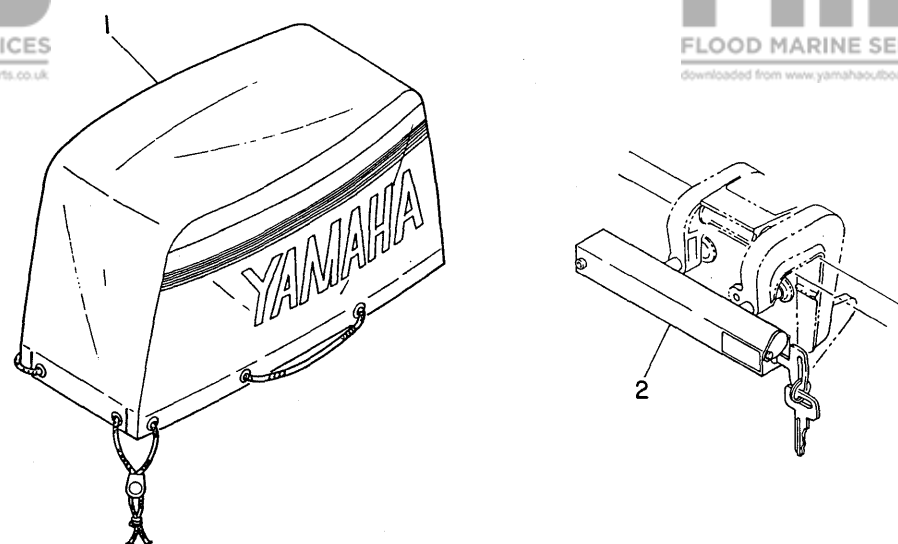
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1 688-83611-00		PANEL, meter	1	15 676-82529-G0		CONNECTOR	1
2 688-83559-00		COVER, meter	U.R.	16 688-W0088-20		FUEL METER KIT	15
3 98903-05025		SCREW, bind	4	17 688-85750-00		FUEL METER ASS'Y	1
4 95303-05600		NUT	4	18 688-85751-00		FUEL GAUGE	1
5 92903-05100		WASHER	4	19 688-83516-00		BULB (12V-1.7W)	1
6 92903-05600		WASHER	4	20 688-83536-00		SOCKET, meter	1
7 676-W0080-01		TACHOMETER KIT	15	21 688-83664-00		DAMPER	1
8 688-83540-00		TACHOMETER ASS'Y	1	22 688-85756-00		PLATE, fitting	1
9 688-83516-00		BULB (12V-1.7W)	1	23 688-85752-00		FUEL SENDER	1
10 688-83536-00		SOCKET, meter	1	24 663-24275-00		FUEL METER COMP.	1
11 688-83523-00		DAMPER	1	25 98503-05010		SCREW, panhead	2
12 688-83544-00		PLATE, fitting	1	26 663-83553-Y0		WIRE, lead (Yellow)	1
13 663-82541-09		WIRE, lead	1	27 663-83553-A0		WIRE, lead	1
14 676-82553-G0		WIRE, lead	1				

Fig. 24 ACCESSORY PARTS 2 -'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-W0088-30	HOUR METER KIT	1S	11	688-83523-00	. . DAMPER	1
2	688-83504-00	. HOUR METER ASS'Y	1	12	688-83514-00	. . PLATE, fitting	1
3	688-83664-00	. . DAMPER	1	13	688-83556-00	. . SENDER	1
4	688-83557-00	. . PLATE, fitting	1	14	90601-31402	. CLIP, nylon 14	5
5	663-83553-A0	. WIRE, lead	1	15	97780-40116	. SCREW, panhead	5
6	663-83553-Y0	. WIRE, lead (Yellow)	1	16	688-82526-00	SWITCH, lamp	1
7	688-W0081-00	SPEEDOMETER KIT	1S	17	688-83553-10	WIRE, lead	1
8	688-83510-00	. SPEEDOMETER ASS'Y	1	18	1E6-82151-00	. FUSE (12V-10A)	1
9	688-83516-00	. BULB (12V-1.7W)	1				
10	688-83536-00	. . SOCKET, meter	1				

Fig. 25 ACCESSORY PARTS 3 -'80/'81



Ref.No.	Parts No.	Description	Q'ty
1	90890-56875	ENGINE COVER	1
2	90890-46000	OUTBOARD LOCK	1
3	90890-69908	YAMAHA GREASE C (150g)	U.R.
4	YM9-27837-61-2M	ANTI-CORROSION GREASE	U.R.
YAMAHA GREASE			
5	90890-69910	YAMAHA GREASE A (50g)	U.R.
6	90890-69911	YAMAHA GREASE A (250g)	
7	90890-69912	YAMAHA GREASE A (4Kg)	
YAMAHA BOND			
8	90890-05143	YAMAHA BOND (200g)	U.R.
9	90890-05144	YAMAHA BOND (150g)	
10	90890-05074	YAMAHA BOND (100g)	