

6A0-28198-EO

40D

serial no.

40DM S:002781 and up
L:302426 and up
LL:600101 and up
40DE S:102786 and up
L:405251 and up
LL:620101 and up
40DR S:250101 and up
L:550101 and up
LL:660101 and up

40D

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 *	6A0-W0090-01	CRANK CYLINDER ASS'Y	1
◀ *	6A0-W0090-00	CRANK CYLINDER ASS'Y	1
2	6A0-15100-00-94	CRANKCASE ASS'Y	1
3	663-11518-01	. LOCK, bearing	2

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	6A0-W0001-01
LOWER UNIT GASKET KIT	6A0-W0001-20
REED SET	676-W0004-00
WATER PUMP REPAIR KIT	679-W0078-00
CHROME PUMP KIT	676-W0078-0A
SAFETY STARTER KIT	6A0-W0079-00
HANDLE STEERING ASS'Y	6A0-W0084-00-F6
CRANK CYLINDER ASS'Y	6A0-W0090-01
CARBURETOR REPAIR SET	6A0-W0093-00
LOWER UNIT ASS'Y (Short)	6A0-45300-00-F6
LOWER UNIT ASS'Y (Long)	6A0-45300-10-F6

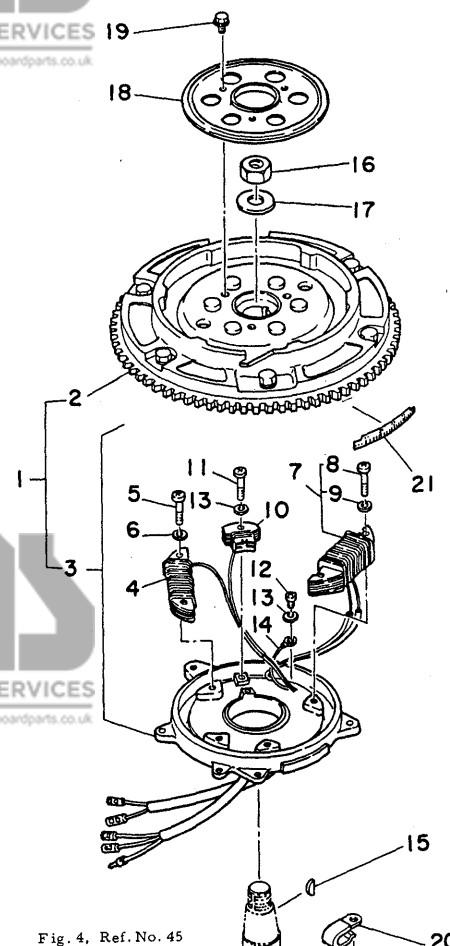
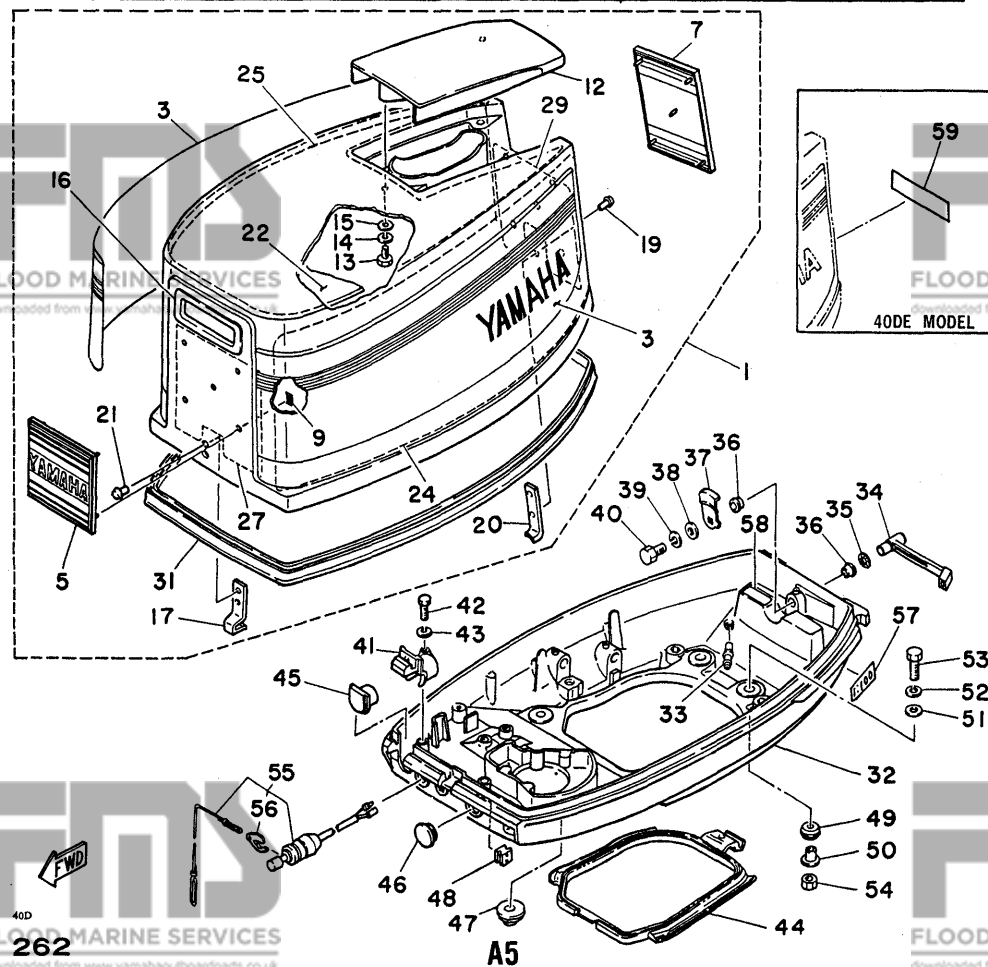
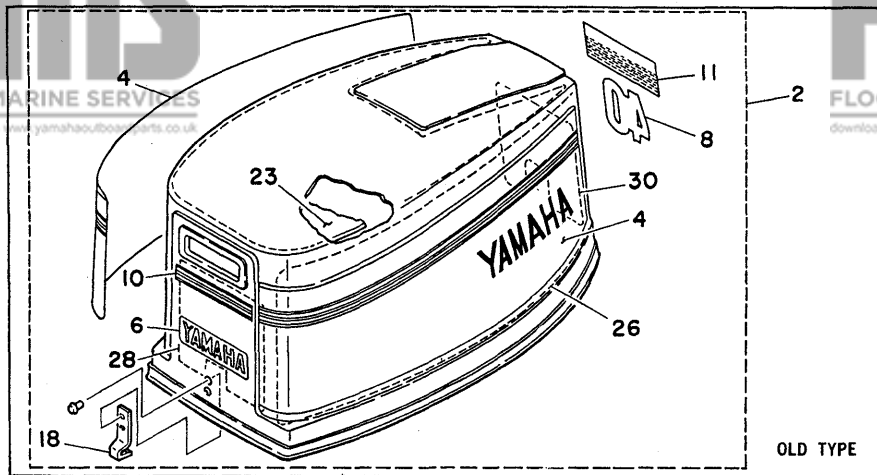


Fig. 4, Ref. No. 45

Fig. 4, Ref. No. 2

Ref.No.	Parts No.	Description	Q'ty
1	6A0-85500-A0	C·D·I· MAGNETO ASS'Y	1
2	6A0-85550-A0	. ROTOR ASS'Y	1
3	6A0-85560-A0	. BASE ASS'Y	1
4	689-81311-40	. COIL, source	1
5	98501-05025	. SCREW, panhead	2
6	92901-05100	. WASHER	2
7	6A0-81303-A0	. LIGHTING COIL ASS'Y	1
8	98501-05025	. SCREW, panhead	2
9	92901-05100	. WASHER	2
10	689-85580-40	. PULSER	1
11	98501-04025	. SCREW, panhead	2
12	98501-04006	. SCREW, panhead	1
13	92901-04100	. WASHER	3
14	689-81315-40	. WIRE, lead	1
15	90280-05015	KEY, woodruff	1
16	90170-20137	NUT	1
17	90201-21M18	WASHER (21φ-36φ-3.2mm)	1
18	6A0-81362-00	COVER, hole	1
19	90105-08M10	BOLT	3
20	90465-08017	CLAMP	1
21	689-81335-00	MARK, timing	1

Fig. 2 COWLING '80/'81



COWLING '80/'81

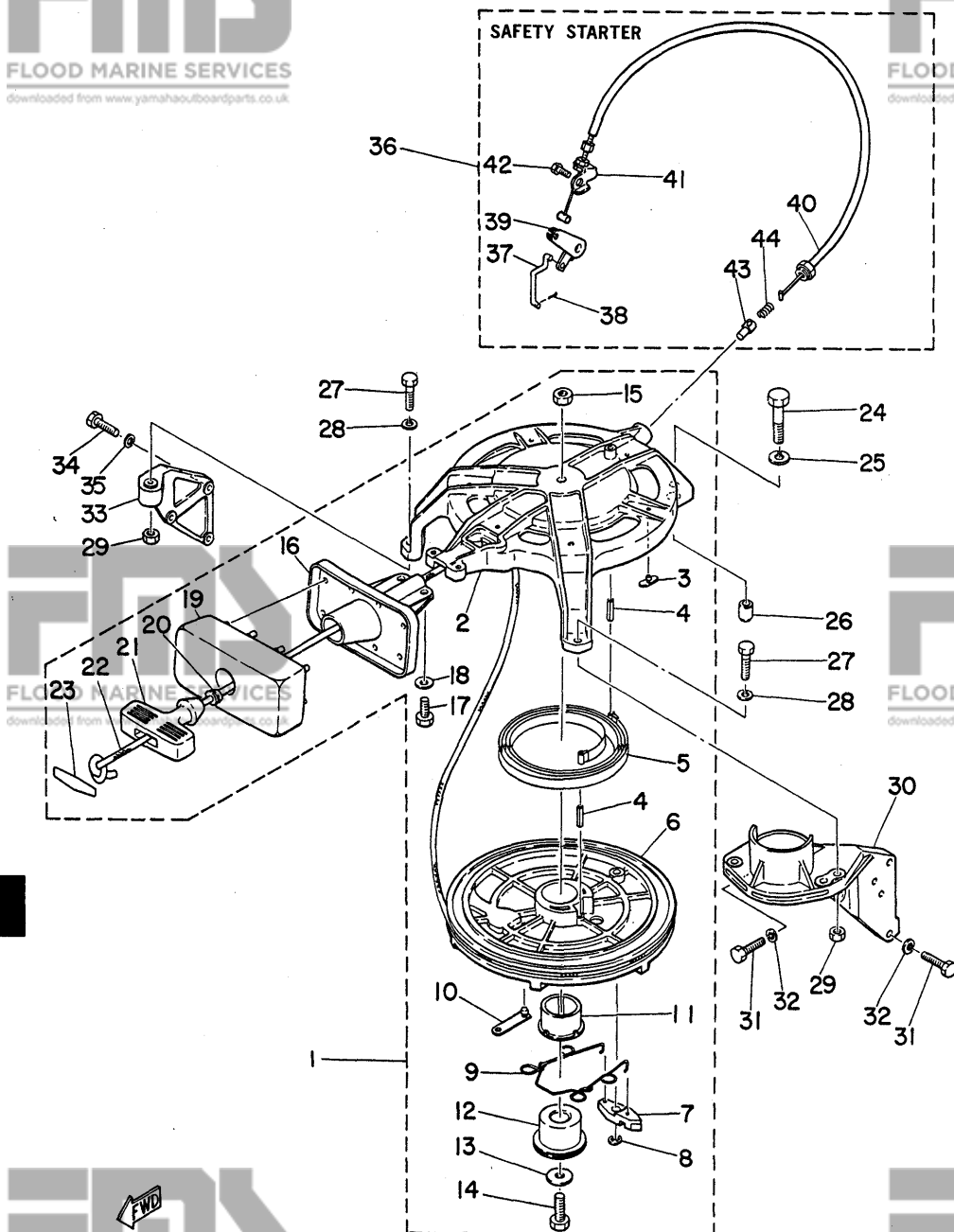
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
▶ 1 *	6A0-42610-81-F6	TOP COWLING ASS'Y	1	31	676-42615-00	SEAL	1
▶ 2	6A0-42610-80-F6	TOP COWLING ASS'Y	1	32	6A0-42711-00-F6	COWLING, bottom	1
▶ 3 *	6A0-W0070-80	GRAPHIC SIDE SET	15	33	676-24376-00	PIPE, joint	1
▶ 4	6A0-W0070-00	GRAPHIC SIDE SET	15	34	676-42815-00-F6	LEVER, CLAMP 1	1
▶ 5 *	6A0-42686-80	EMBLEM, front	1	35	90206-12052	WASHER, wave (12.5φ-19φ-3.5mm)	1
▶ 6	6A0-42677-00	GRAPHIC, front	1	36	90386-12069	BUSHING	2
▶ 7 *	6A0-42687-80	EMBLEM, rear	1	37	682-42816-00	LEVER, clamp 2	1
▶ 8	6A0-42687-00	GRAPHIC, rear	1	38	90201-06068	WASHER (6.5φ-20φ-2.0mm)	1
▶ 9 *	90183-05M01	NUT, spring	10	39	92903-06100	WASHER	1
▶ 10	6A0-42681-00	MARK, cowling 1	1	40	97313-06010	BOLT	1
▶ 11	6A0-42682-00	MARK, cowling 2	1	41	6A0-42738-00-94	PLATE, fitting	1
12	6A0-42613-00-F6	MOLDING, air duct	1	42	97313-06025	BOLT	1
13	97313-06016	BOLT	3	43	92903-06100	WASHER	1
14	92903-06100	WASHER	3	44	676-42716-01	SEAL, rubber 1	1
15	92903-06600	WASHER	3	45	6A0-42724-00	GROMMET 1	1
16	6A0-15761-00	SEAL, rubber 1	1	46	676-42726-00	GROMMET 3	1
▶ 17 *	6A0-42651-00	HOOK 1	1	47	676-42727-00	GROMMET 4	1
▶ 18	648-42651-00	HOOK 1	1	48	676-26326-00	GROMMET	1
19	90266-04004	RIVET	2	49	90480-09M12	GROMMET	4
20	6A0-42652-00	HOOK 2	1	50	90387-06M03	COLLAR	4
21	90266-04M01	RIVET	2	51	90201-06416	WASHER (6.5φ-26φ-1.6mm)	4
▶ 22 *	6A0-42663-00	DAMPER 2	1	52	92903-06100	WASHER	4
▶ 23	6A0-42617-00	RUBBER, form 1	1	53	97313-06030	BOLT	4
▶ 24 *	6A0-42666-00	DAMPER 5	1	54	95390-06600	NUT	4
▶ 25 *	6A0-42662-00	DAMPER 1	1	55	6A0-82575-00	KILL SWITCH ASS'Y	1
▶ 26	6A0-42619-00	RUBBER, form 2	2	56	663-82556-70	STOPPER	1
▶ 27 *	6A0-42664-01	DAMPER 3	1	57	664-42783-80	GRAPHIC, side	2
▶ 28	6A0-42664-00	DAMPER 3	1	58	661-42791-80	MARK 1	1
▶ 29 *	6A0-42665-01	DAMPER 4	1	▶ 59 *	6A0-42683-80	MARK, cowling 3 (40DE Model)	1
▶ 30	6A0-42665-00	DAMPER 4	1	▶ ※	6A0-42683-00	MARK, cowling 3 (40DE Model)	1

▶ 400M S: 004415 and below L: 304295 and below LL: 600170 and below	40DE S: 103815 and below L: 408300 and below LL: 620130 and below	40DR S: 252010 and below L: 551265 and below LL: 660100 and below	▶ 400M S: 003370 and below L: 303130 and below LL: 600130 and below	40DE S: 103020 and below L: 408370 and below LL: 620110 and below	40DR S: 251845 and below L: 551210 and below LL: 660100 and below
▶ 400M S: 004416 and up L: 304396 and up LL: 600171 and up	40DE S: 103816 and up L: 408391 and up LL: 620131 and up	40DR S: 252011 and up L: 551266 and up LL: 660101 and up	▶ 400M S: 003371 and up L: 303131 and up LL: 600131 and up	40DE S: 103021 and up L: 408371 and up LL: 620111 and up	40DR S: 251846 and up L: 551211 and up LL: 660101 and up

* New parts number
※ Not shown

Fig. 3 STARTER '80/'81

STARTER '80/'81

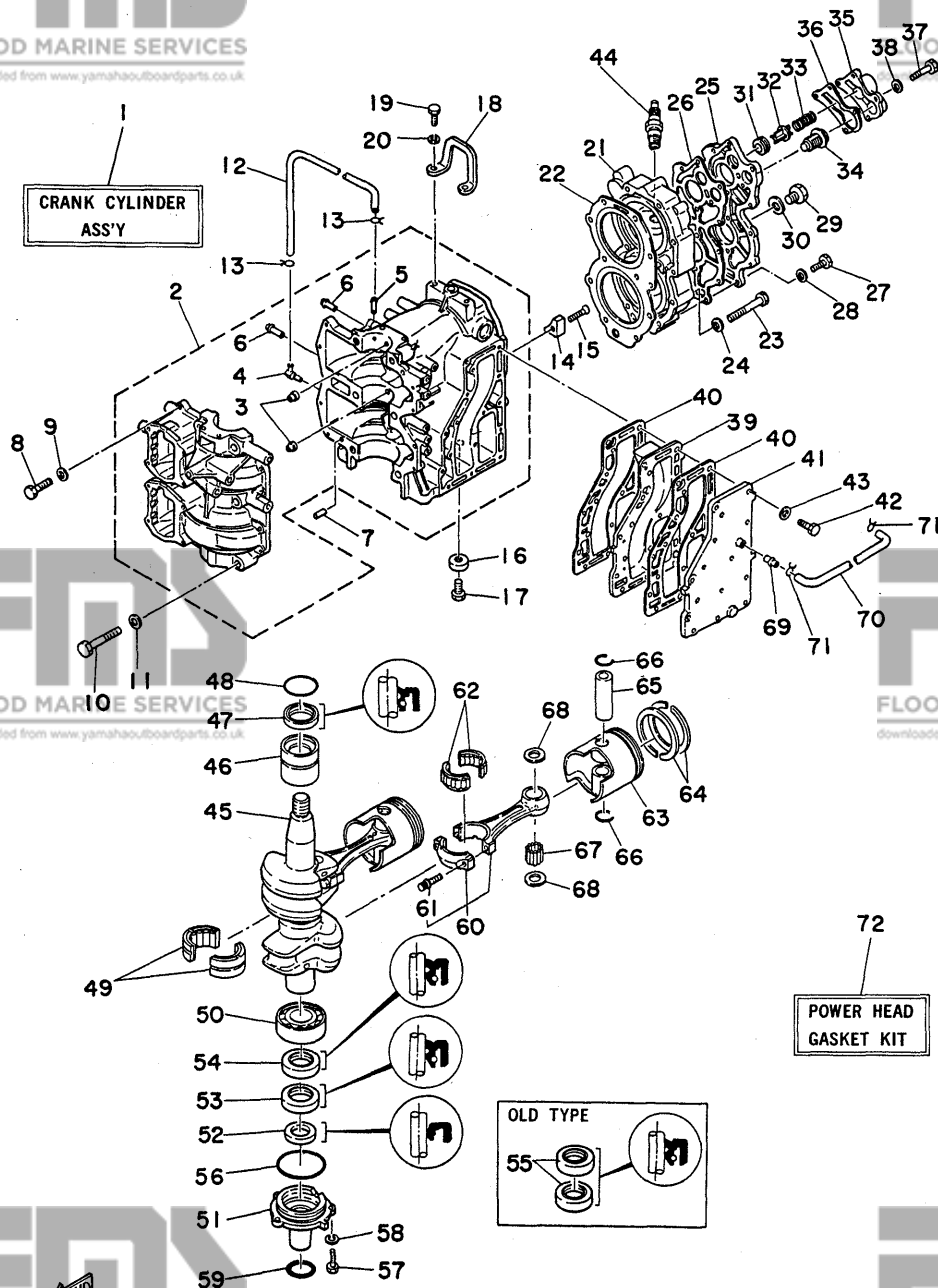


Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A0-15710-00	STARTER ASS'Y	1	23	689-15779-00	COVER	1
2	676-15711-00-94	CASE, starter	1	24	97313-08040	BOLT	1
3	676-15773-00	STAY 3	6	25	92903-08100	WASHER	1
4	91690-40020	PIN, spring	2	26	91830-22016	PIN, dowel A (8.46-12.6-16mm)	1
5	90510-09M00	SPRING, spiral	1	27	97313-06030	BOLT	2
6	676-15714-00-94	DRUM, sheave	1	28	92903-06100	WASHER	2
7	676-15741-03	PAWL, drive	1	29	95303-06600	NUT	2
8	93430-06M02	CIRCLIP (E-66)	1	30	676-15771-00-94	STAY 1	1
9	676-15705-00	SPRING, drive pawl	1	31	97313-08030	BOLT	4
10	676-15799-01	CLIP	1	32	92903-08100	WASHER	4
11	90386-35M01	BUSHING	1	33	676-15772-00-94	STAY 2	1
12	676-15717-00	SHAFT	1	34	97313-06025	BOLT	3
13	90201-08309	WASHER (8.6-23.6-3mm)	1	35	92903-06100	WASHER	3
14	97313-08025	BOLT	1	SAFETY STARTER			
15	95303-08600	NUT	1	36	6A0-W0079-00	SAFETY STARTER KIT	1S
16	6A0-15758-00-94	GUIDE, wire	1	37	676-15747-00	LINK	1
17	97313-06016	BOLT	2	38	91490-16010	PIN, cotter	1
18	92903-06600	WASHER	2	39	676-15746-00	ARM	1
19	6A0-15762-00	SEAL, rubber 2	1	40	676-15770-00	WIRE COMP., starter stop	1
20	6A0-15789-00	DAMPER	1	41	6A0-15774-00	STAY 4	1
21	619-15755-01	HANDLE, starter	1	42	97313-06012	BOLT	1
22	+	WIRE (2095mm)	1	43	656-15748-00	PLUNGER, starter stop	1
				44	90501-10227	SPRING, compression	1

+ Cut from 50m roll, Parts No. 90890-44373, cutting length 2.095m.

Fig. 4 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 *	6A0-W0090-01	CRANK CYLINDER ASS'Y (Ref. No. 2 to 68)	1	41 *	676-41113-02-9M	OUTER COVER, exhaust	1
△ *	6A0-W0090-00	CRANK CYLINDER ASS'Y (Ref. No. 2 to 68)	1	※	676-41113-02-94	OUTER COVER, exhaust	1
2	6A0-15100-00-94	CRANKCASE ASS'Y	1	42	97313-06025	BOLT	16
3	663-11518-01	LOCK, bearing	2	43	92903-06600	WASHER	16
4	650-11370-00	CHECK VALVE ASS'Y	1	44	94701-00041	PLUG, spark (B-8HS) NGK	2
5	624-14485-00	PIPE, joint	1	45	676-11411-00	SHAFT, crank 1	1
6	676-14485-00	PIPE, joint	2	46	93311-63202	BEARING, needle	1
7	93608-12063	PIN, dowel B (8.06-12.8mm)	2	■ 47	93102-32136	OIL SEAL (SD-326-426-6mm)	1
8	97313-06025	BOLT	9	■ 48	93210-42159	O-RING (2.46-42.46)	1
9	90201-06043	WASHER (6.46-12.56-2.0mm)	9	49	93311-83219	BEARING, needle	1
10	97313-10050	BOLT	6	50	93306-20611	BEARING (B6206)	1
11	90201-10430	WASHER (10.56-186-2.3mm)	6	▷ 51 *	676-15359-02-9M	HOUSING, oil seal	1
12	676-24312-00	HOSE 2	1	△ ※	676-15359-01-9M	HOUSING, oil seal	1
13	90467-06016	CLIP	2	※	676-15359-01-94	HOUSING, oil seal	1
14	676-11325-00	ANODE	1	■ 52	93104-16M01	OIL SEAL (SO-166-306-5mm)	1
15 *	92780-06025	SCREW, flathead	1	▷ 53 *	93102-28135	OIL SEAL (SD-286-476-7mm)	1
※	92280-06025	SCREW, flathead	1	▷ 54 *	93102-28M08	OIL SEAL (SD-286-496-7mm)	1
16	676-45251-00	ANODE	1	▷ 55 *	93102-28135	OIL SEAL (SD-286-476-7mm)	2
17 *	97395-06016	BOLT	1	■ 56	93210-62269	O-RING (2.46-61.56)	1
※	97375-06016	BOLT	1	57	97313-06016	BOLT	3
18	676-11119-00-94	HANGER, engine	1	58	92990-06600	WASHER	3
19	97313-06025	BOLT	2	■ 59	93210-22M02	O-RING (56-22.46)	1
20	92903-08100	WASHER	2	> 60 *	6A0-11650-00	CONNECTING ROD ASS'Y	2
21	676-11111-01-94	HEAD, cylinder	1	< ※	688-11650-00	CONNECTING ROD ASS'Y	2
22	676-11181-01	GASKET, cylinder head	1	61	90109-08462	BOLT	4
23	97313-08055	BOLT	11	62	93310-730A2	BEARING, needle	2
24	648-11175-00	WASHER, holding	11	63	679-11631-00-95	PISTON (Standard)	1
25	676-11191-02-94	COVER, cylinder head	1	679-11631-00-96	PISTON (Standard)	1	
■ 26	676-11193-00	GASKET, head cover	1	679-11631-00-97	PISTON (Standard)	2	
27	97313-06020	BOLT	11	679-11631-00-98	PISTON (Standard)	1	
28	92903-06600	WASHER	11	※	679-11635-00	PISTON (Over Size 75.25mm)	2
29	90340-14036	PLUG, straight screw	1	※	679-11636-00	PISTON (Over Size 75.50mm)	2
30	90430-14115	GASKET	1	64	679-11610-00	PISTON RING SET (Standard)	25
31	90480-18065	GROMMET	1	※	679-11610-10	PISTON RING SET (Over Size 75.25mm)	25
32	663-12416-00	VALVE, pressure control	1	※	679-11610-20	PISTON RING SET (Over Size 75.50mm)	25
33	90501-14M02	SPRING, compression	1	65	676-11633-00	PIN, piston	2
34	656-12411-01	THERMOSTAT	1	66	663-11634-00	CLIP, piston pin	4
35	676-12413-00-94	COVER, thermostat	1	67	93603-21111	BEARING, small end	56
■ 36	676-12414-00	GASKET, cover	1	68	90201-20417	WASHER (20.16-24.46-1.4mm)	4
37	97313-06030	BOLT	4	69	650-24378-00	PIPE, joint 3	1
38	92903-06600	WASHER	4	70	6A0-24312-00	HOSE 2	1
39 *	676-41111-01-9M	INNER COVER, exhaust	1	71	90467-08004	CLIP	2
※	676-41111-01-94	INNER COVER, exhaust	1	▷ 72 *	6A0-W0001-01	POWER HEAD GASKET KIT	1
■ 40	676-41112-00	GASKET, exhaust inner cover	2	△ ※	6A0-W0001-00	POWER HEAD GASKET KIT	1

400M S: 003830 and below
L: 303720 and below
LL: 600140 and below

400E S: 103595 and below
L: 407730 and below
LL: 620110 and below

400R S: 251885 and below
L: 551230 and below
LL: 660100 and below

400M S: 004120 and below
L: 303890 and below
LL: 600150 and below

400E S: 103705 and below
L: 408035 and below
LL: 620115 and below

400R S: 251975 and below
L: 551250 and below
LL: 660100 and below

400M S: 003831 and up
L: 303721 and up
LL: 600141 and up

400E S: 103596 and up
L: 407731 and up
LL: 620111 and up

400R S: 251886 and up
L: 551231 and up
LL: 660101 and up

400M S: 004121 and up
L: 303891 and up
LL: 600151 and up

400E S: 103706 and up
L: 408036 and up
LL: 620116 and up

400R S: 251976 and up
L: 551251 and up
LL: 660101 and up

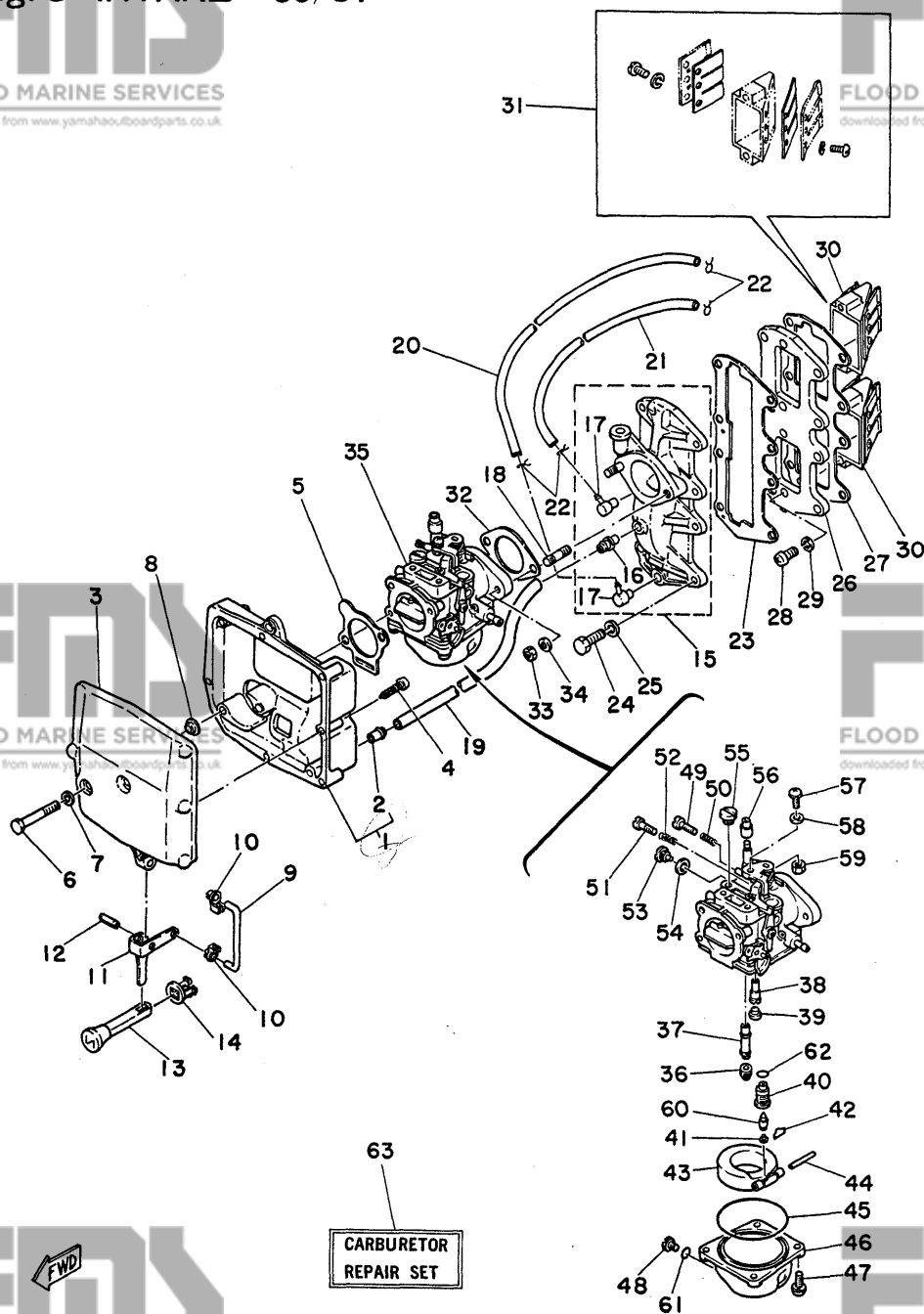
* New parts number

* Not shown

* Contents of power head gasket kit

Fig. 5 INTAKE '80/'81

INTAKE '80/'81



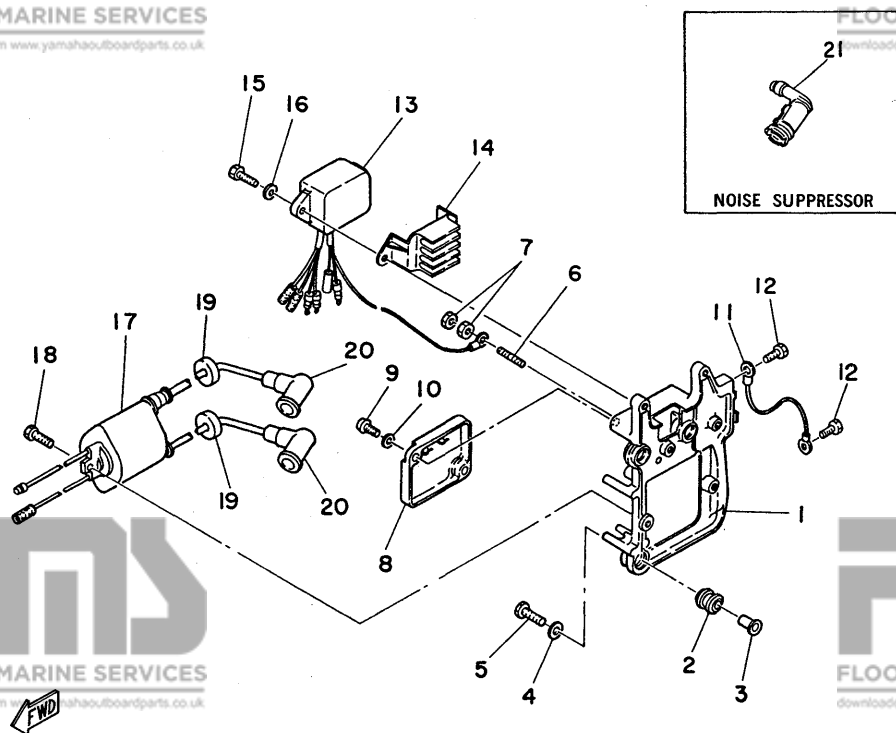
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A0-14417-00-94	COVER 1	1	32	676-14198-00	GASKET	1
2	650-24378-00	PIPE, joint 3	1	33	95303-06600	NUT	2
3	6A0-14418-00	COVER 2	1	34	92903-06100	WASHER	2
4	97780-40730	SCREW, ovalhead tapping	7	35	6A0-14301-00	CARBURETOR ASS'Y	1
5	6A0-14483-00	GASKET, plate	1	36	676-14943-37	JET, main (#150)	1
6	77375 97380-06045	BOLT 6A9360	2	37	6A0-14947-00	NOZZLE, main	1
7	92990-06200	WASHER	2	38	676-14948-19	JET, slow (#80)	1
8	90387-06M31	COLLAR	2	39	676-14966-00	CAP	1
9	676-41256-00	ROD, choke link 1	1	40	688-14590-00	VALVE SEAT ASS'Y	1
10	661-41262-02	JOINT, choke lever	2	41	676-14186-00	PIN, valve	1
11	6A0-41252-00	LEVER, choke 1	1	42	663-14159-00	CLIP	1
12	91690-40018	PIN, spring	1	43	676-14985-01	FLOAT COMP.	1
13	682-41271-00	KNOB, choke	1	44	663-14548-00	PIN, arm	1
14	689-41273-00	GROMMET	1	45	676-14984-00	O-RING	1
15	6A0-13641-00-94	MANIFOLD, intake 1	1	46	688-14980-00	BODY, float chamber	1
16	6A0-11375-00	NIPPLE, hose	1	47	90159-04M00	SCREW, with washer	4
17	650-11370-00	CHECK VALVE ASS'Y	2	48	663-14992-00	SCREW, drain	1
18	90116-06122	BOLT, stud	2	49	679-14923-00	SCREW, adjust	1
19	90445-09077	HOSE (5.06-9.06-135mm)	1	50	679-14555-00	SPRING	1
20	90445-07260	HOSE (2.56-76-276mm)	1	51	663-14523-00	SCREW, stop	1
21	90445-07258	HOSE (2.56-76-200mm)	1	52	90501-10326	SPRING	1
22	90467-06016	CLIP	4	53	663-14991-00	SCREW, plug	1
23	676-13645-00	GASKET, intake manifold 1	1	54	679-14557-00	WASHER	1
24	97313-06025	BOLT	8	55	676-14567-00	SCREW, plug	1
25	92903-06100	WASHER	8	56	676-14578-00	COLLAR	1
26	676-13642-00-94	MANIFOLD, intake 2	1	57	90159-05017	SCREW, with washer	1
27	676-13646-00	GASKET, intake manifold 2	1	58	90201-05652	WASHER	1
28	97803-05016	SCREW, panhead	4	59	95303-05600	NUT	1
29	92903-05100	WASHER	4	60	676-14546-00	VALVE, float	1
30	6A0-13610-00	REED VALVE ASS'Y	2	61	93210-04230	O-RING	1
31	676-W0004-00	REED SET	25	62	93210-04228	O-RING	1
				63	6A0-W0093-00	CARBURETOR REPAIR SET	15

■ Contents of power head gasket kit (Parts No. 6A0-W0001-01)

✦ Contents of carburetor repair set

CARBURETOR
REPAIR SET

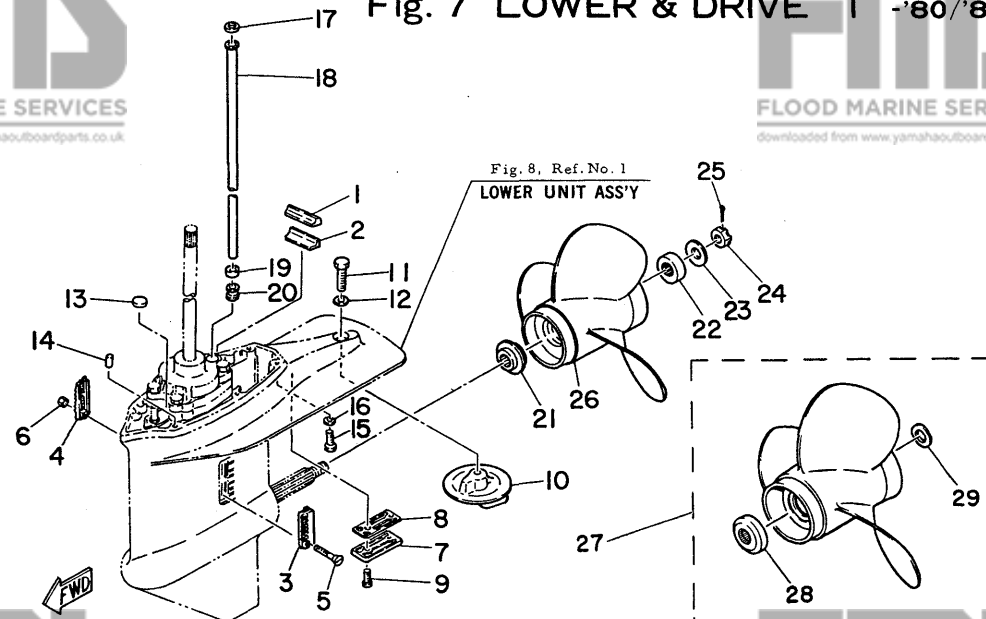
Fig. 6 ELECTRIC PARTS '80/'81

FLOOD MARINE SERVICES
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Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A0-85542-00-94	BRACKET	1	13	689-85540-20	C.D.I. UNIT ASS'Y	1
2	6A0-82317-00	DAMPER	3	14	6A0-85548-00	HOLDER, wire harness	1
3	624-42542-00	PIPE 1	3	15	97313-06025	BOLT	2
4	90201-06050	WASHER (6.26-15.6-1.0mm)	3	16	92903-06600	WASHER	2
5	97313-06025	BOLT	3	17	689-85570-20	IGNITION COIL ASS'Y	1
6	90116-06M07	BOLT, stud	1	18 *	97313-06025	BOLT	2
7	95303-06600	NUT	2	※	97313-06020	BOLT	2
8	6A0-81916-00	COVER, terminal	1	19	90480-25161	GROMMET	2
9	97803-05016	SCREW, panhead	2	20	663-82370-01	PLUG CAP ASS'Y	2
10	92903-05600	WASHER	2	OPTIONAL PARTS			
11	662-82519-00	WIRE, earth lead	1	21	677-82370-00	PLUG CAP ASS'Y (Noise Suppressor)	2
12	97313-06012	BOLT	2				

FLOOD MARINE SERVICES
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Fig. 7 LOWER & DRIVE I '80/'81

FLOOD MARINE SERVICES
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Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	663-45375-00	SEAL, rubber 2	1	19	90430-12072	GASKET	1
2	663-45376-00	GUIDE, seal rubber	1	20	663-44367-00	RUBBER, water seal 3	1
3 *	688-45214-01	COVER, water inlet 1	1	21	663-45987-01	SPACER 1	1
※	688-45214-00	COVER, water inlet 1	1	22	670-45997-01	SPACER 2	1
4 *	688-45215-01	COVER, water inlet 2	1	23	92990-16200	WASHER	1
※	688-45215-00	COVER, water inlet 2	1	24	90171-16011	NUT, castle	1
5	98190-05035	SCREW, ovalhead	1	25 *	91490-30025	PIN, cotter	1
6	90185-05002	NUT, self-locking	1	※	91490-40025	PIN, cotter	1
7	679-45321-00	PLATE	1	26	663-45941-01-36	PROPELLER ASS'Y 1 (3X10"X17"-G)	1
8	679-45315-00	PACKING, lower casing	1		663-45943-01-36	PROPELLER ASS'Y 2 (3X11"X15"-G)	1
9	97890-06016	SCREW, panhead	2		663-45945-01-36	PROPELLER ASS'Y 3 (3X11"X13"-G)	1
10	679-45371-00	TAB-TRIM	1		663-45947-01-36	PROPELLER ASS'Y 4 (3X12"X11"-G)	1
11 *	97395-10030	BOLT	1		663-45949-01-36	PROPELLER ASS'Y 5 (3X10"X16"-G)	1
※	97375-10030	BOLT	1		663-45952-01-36	PROPELLER ASS'Y 6 (3X11"X12"-G)	1
12	92990-10100	WASHER	1		663-45956-01-36	PROPELLER ASS'Y 8 (3X12"X9"-G)	1
13	90338-22007	PLUG	1		663-45958-01-36	PROPELLER ASS'Y 9 (3X11"X14"-G)	1
14	93606-12019	PIN, dowel B (6.6-12mm)	2	STAINLESS STEEL PROPELLER			
15	97375-08030	BOLT	6		663-45970-60-98	PROPELLER ASS'Y 20 (3X11"X12"-G)	1
16	92990-08100	WASHER	6		663-45974-60-98	PROPELLER ASS'Y 22 (3X11"X13"-G)	1
17	90202-12060	WASHER (12.6-18.56-2mm)	1	27	663-45976-00	PROPELLER ASS'Y 23 (3X10"X14"-G)	1
18	676-44361-00	TUBE, water 1 (Short 376mm)	1	28	675-45987-02	SPACER 1	1
※	676-44361-10	TUBE, water 1 (Long 503mm)	1	29	90201-17M29	WASHER (17.6-31.6-1.5mm)	1
※	6A0-44361-20	TUBE, water 1 (Super Long 577mm)	1				

40D S: 004415 and below
L: 304395 and below
LL: 600170 and below

40DE S: 103815 and below
L: 408380 and below
LL: 620130 and below

40DR S: 252010 and below
L: 551265 and below
LL: 680100 and below

40DM S: 094415 and up
L: 304395 and up
LL: 600171 and up

40DE S: 103815 and up
L: 408391 and up
LL: 620131 and up

40DR S: 252011 and up
L: 551266 and up
LL: 680101 and up

* New parts number

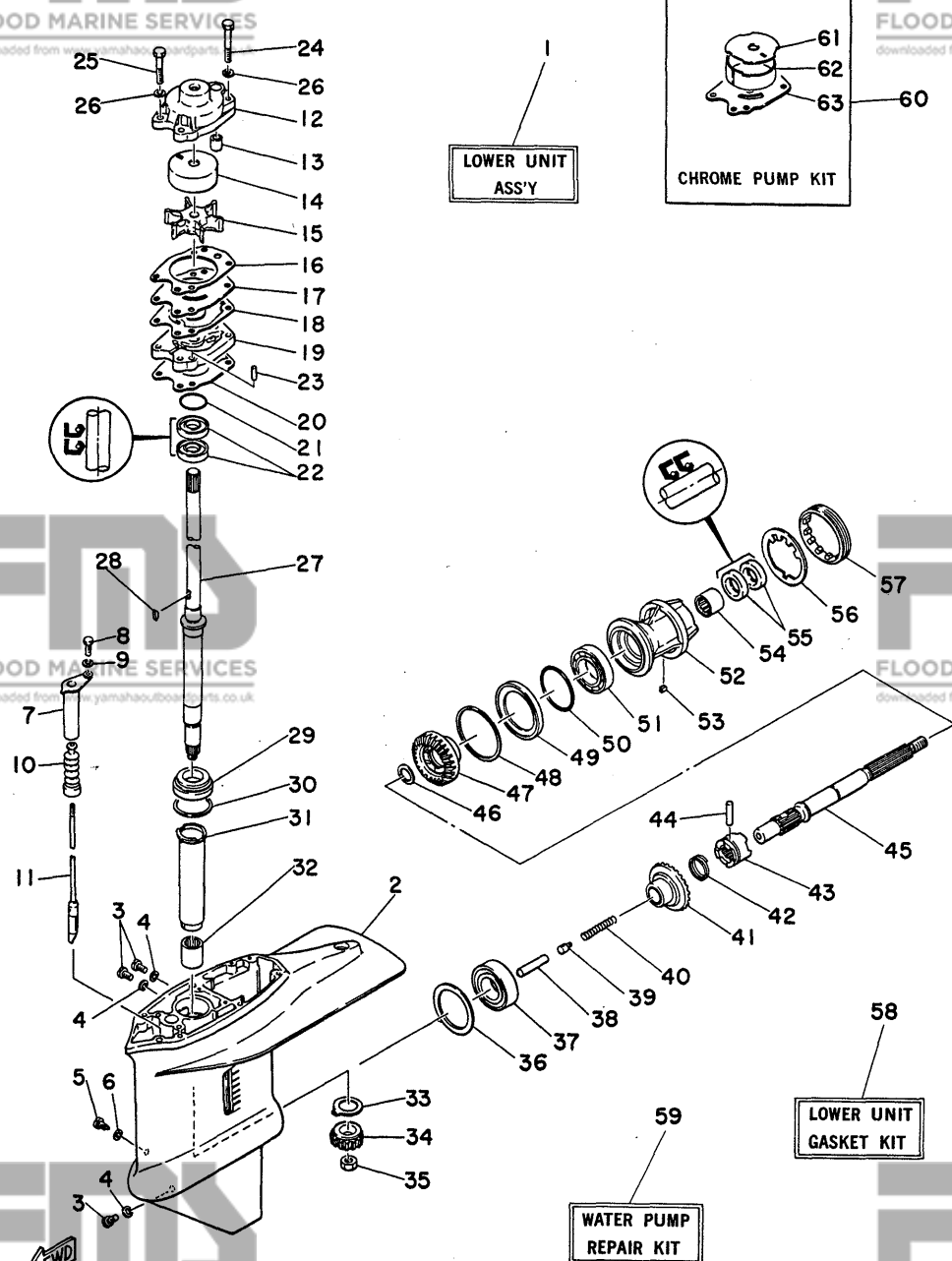
▲ Not shown

▲ Contents of lower unit gasket kit (Parts No. 6A0-W0001-20)

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Fig. 8 LOWER & DRIVE 2 -'80/'81

LOWER & DRIVE 2 -'80/'81

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Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A0-45300-00-F6	LOWER UNIT ASS'Y (Short) (Ref. No. 2 to 57)	1S	31	679-45536-00	SLEEVE, drive shaft	1
*	6A0-45300-10-F6	LOWER UNIT ASS'Y (Long) (Ref. No. 2 to 57)	1S	32	93315-32224	BEARING, needle	1
2	679-45311-00-F6	CASING, lower	1	33	663-45552-00	BEARING, plain	1
3	90340-08014	PLUG, straight screw	3	34	679-45551-00	PINION (13T)	1
4	90430-08020	GASKET	3	35	90170-12138	NUT	1
5	90149-06M00	SCREW	1	36	663-45567-00-05	SHIM 1 (576-64.56-0.05mm)	U.R.
6	90430-06015	GASKET	1	663-45567-00-08	SHIM 1 (576-64.56-0.08mm)		
7	679-44152-00	BUSHING, shift cam	1	663-45567-00-12	SHIM 1 (576-64.56-0.12mm)		
8	* 97395-06018	BOLT	1	663-45567-00-30	SHIM 1 (576-64.56-0.30mm)		
*	97375-06018	BOLT	1	663-45567-00-50	SHIM 1 (576-64.56-0.50mm)		
9	92990-06600	WASHER	1	37	93332-00003	BEARING, taper roller	1
10	650-44147-00	BOOT, shift rod	1	38	676-45635-00	PLUNGER, shift	1
11	679-44150-00	SHIFT CAM ASS'Y (Short 303mm)	1	39	663-45634-00	SLIDE, shift	1
*	679-44150-10	SHIFT CAM ASS'Y (Long 430mm)	1	40	90501-16M01	SPRING, compression	1
*	6A0-44150-20	SHIFT CAM ASS'Y (Super Long 504mm)	1	41	679-45560-00	GEAR 1 ASS'Y (26T)	1
12	676-44311-00	HOUSING, water pump 1	1	42	663-45633-00	RING, cross pin	1
★ 13	663-44366-00	RUBBER, water seal 2	1	43	663-45631-01	CLUTCH, dog	1
★ 14	676-44322-00	INSERT, cartridge	1	44	90250-06023	PIN, straight	1
★ 15	676-44352-00	IMPELLER	1	45	679-45611-01	SHAFT, propeller	1
★ 16	676-44315-00	GASKET, water pump 1	1	46	90201-22429	WASHER (22.56-26.56-2mm)	1
★ 17	676-44323-00	OUTER PLATE, cartridge	1	47	679-45571-00	GEAR 2 (26T)	1
★ 18	676-44324-00	GASKET, cartridge outer plate	1	48	663-45577-00-05	SHIM 2 (72.56-76.56-0.05mm)	U.R.
19	679-44341-00-94	HOUSING, water pump 2	1	663-45577-00-08	SHIM 2 (72.56-76.56-0.08mm)		
★ 20	679-44316-00	GASKET, water pump 2	1	663-45577-00-12	SHIM 2 (72.56-76.56-0.12mm)		
★ 21	93210-41042	O-RING (3.16-41.46)	1	663-45577-00-30	SHIM 2 (72.56-76.56-0.30mm)		
★ 22	93101-22M00	OIL SEAL (S-226-366-7mm)	2	663-45577-00-50	SHIM 2 (72.56-76.56-0.50mm)		
23	93604-08062	PIN, dowel B (46-8mm)	2	49	663-45576-00	WASHER, thrust 2	1
★ 24	* 97395-08055	BOLT	2	★ 50	93210-66262	O-RING (5.56-66.16)	1
★ *	97375-08055	BOLT	2	51	93306-00702	BEARING (B6007)	1
★ 25	* 97395-08045	BOLT	2	52	679-45331-00-94	HOUSING, bearing	1
★ *	97375-08045	BOLT	2	53	90282-04010	KEY, straight	1
26	92990-08600	WASHER	4	54	93317-22204	BEARING, needle	1
27	679-45501-00	DRIVE SHAFT COMP. (Short 713mm)	1	★ 55	93101-22M00	OIL SEAL (S-226-366-7mm)	2
*	679-45501-10	DRIVE SHAFT COMP. (Long 840mm)	1	56	90214-48008	WASHER, claw	1
*	6A0-45501-20	DRIVE SHAFT COMP. (Super Long 905.5mm)	1	57	* 697-45384-00	NUT	1
★ 28	90280-04M00	KEY, woodruff	1	*	663-45384-00	NUT	1
29	93332-00001	BEARING, taper roller	1	★ 58	6A0-W0001-20	LOWER UNIT GASKET KIT	1S
30	663-45587-00-05	SHIM 3 (416-46.56-0.05mm)	U.R.	★ 59	679-W0078-00	WATER PUMP REPAIR KIT	1S
	663-45587-00-08	SHIM 3 (416-46.56-0.08mm)		CHROME PUMP KIT			
	663-45587-00-12	SHIM 3 (416-46.56-0.12mm)		☆ 60	676-W0078-0A	CHROME PUMP KIT	1S
	663-45587-00-30	SHIM 3 (416-46.56-0.30mm)		☆ 61	676-44321-40	INNER PLATE, cartridge	1
	663-45587-00-50	SHIM 3 (416-46.56-0.50mm)		☆ 62	676-44322-40	INSERT, cartridge	1
				☆ 63	676-44323-40	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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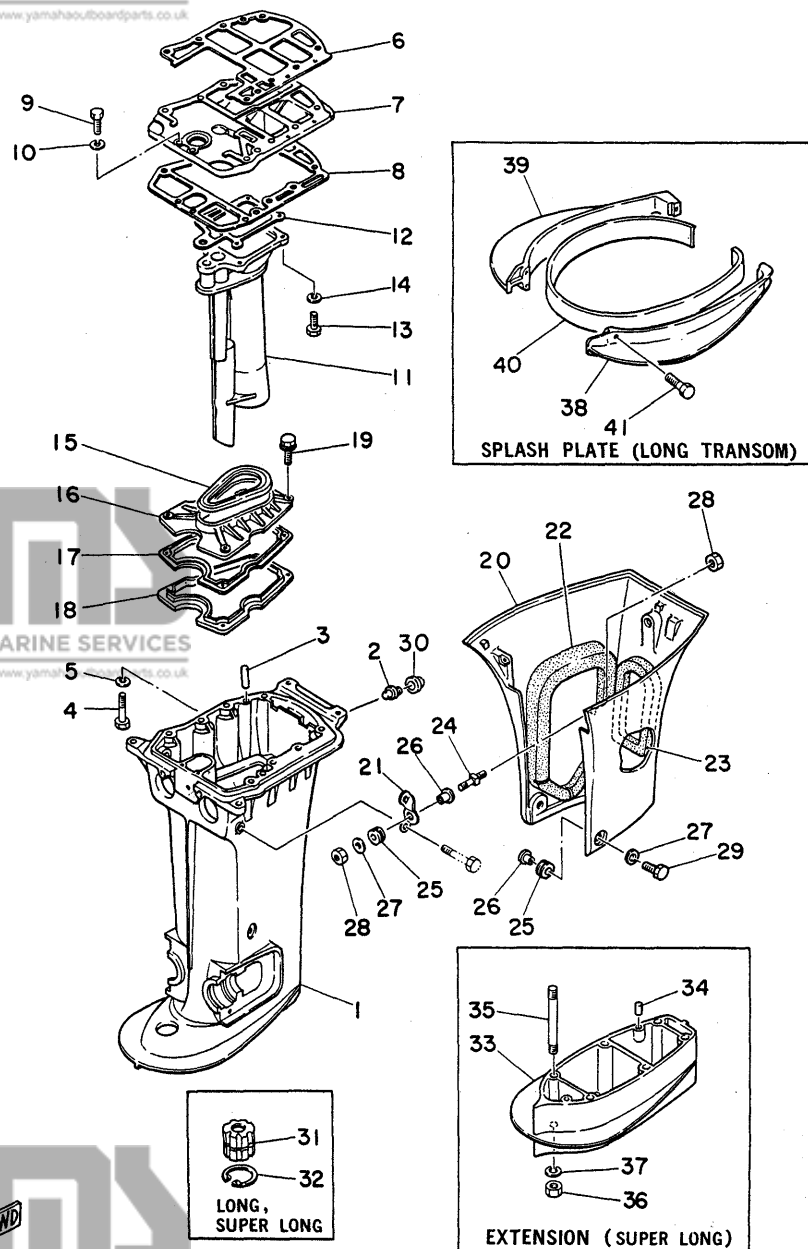
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Fig. 9 UPPER CASING -'80/'81

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Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A0-45111-00-F6	CASING, upper (Short 419mm)	1	22	6A0-42768-00	DAMPER 1	2
*	6A0-45111-10-F6	CASING, upper (Long, Super Long 546mm)	1	23	6A0-42769-00	SEAL, rubber 1	1
2	6A0-42761-00	STOPPER 1	1	24	6A0-42742-00	BOLT	2
3	93606-25M00	PIN, dowel B (66-25mm)	2	25	90480-12M11	GROMMET	4
4 *	97395-08040	BOLT	8	26	6A0-42758-00	COLLAR	4
			A				
*	97375-08040	BOLT	8	27	90201-06M31	WASHER (6.26-186-1.0mm)	4
5	92990-08100	WASHER	8	28	95380-06600	NUT	4
■ 6	676-45113-01	GASKET, upper casing 1	1	29 *	97395-06022	BOLT	2
7 *	676-41137-02-9M	GUIDE, exhaust	1	*	97385-06022	BOLT	2
*	676-41137-02-94	GUIDE, exhaust	1	30	663-42662-00	DAMPER 1	1
			A				
▲ 8	676-45114-01	GASKET, upper casing 2	1	31	6A0-45318-00	BUSHING, drive shaft (Long, Super Long)	1
9 *	97395-06025	BOLT	3	32	93420-36M01	CIRCLIP (R-366) (Long, Super Long)	1
*	97375-06025	BOLT	3				
10	92990-06100	WASHER	3				
11 *	676-41131-01-9M	MANIFOLD, exhaust 1	1				
*	676-41131-01-94	MANIFOLD, exhaust 1	1				
▲ 12	676-41133-00	GASKET, exhaust manifold 1	1				
13 *	97395-06020	BOLT	4				
*	97375-06020	BOLT	4				
14	92990-06100	WASHER	4				
			A				
▲ 15	676-45127-00	SEAL, rubber 1	1				
16 *	676-41116-00-9M	PROTECTOR	1				
*	676-41116-00-94	PROTECTOR	1				
▲ 17	676-45128-00	SEAL, rubber 2	1				
18 *	676-45126-00-9M	PLATE, seal rubber	1				
*	676-45126-00-94	PLATE, seal rubber	1				
19	97475-06025	BOLT	4				
20	6A0-42741-00-F6	APRON	1				
21	6A0-42744-00	STAY	2				

* New parts number

* Not shown

■ Contents of power head gasket kit (Parts No. 6A0-W0001-01)

▲ Contents of lower unit gasket kit (Parts No. 6A0-W0001-20)

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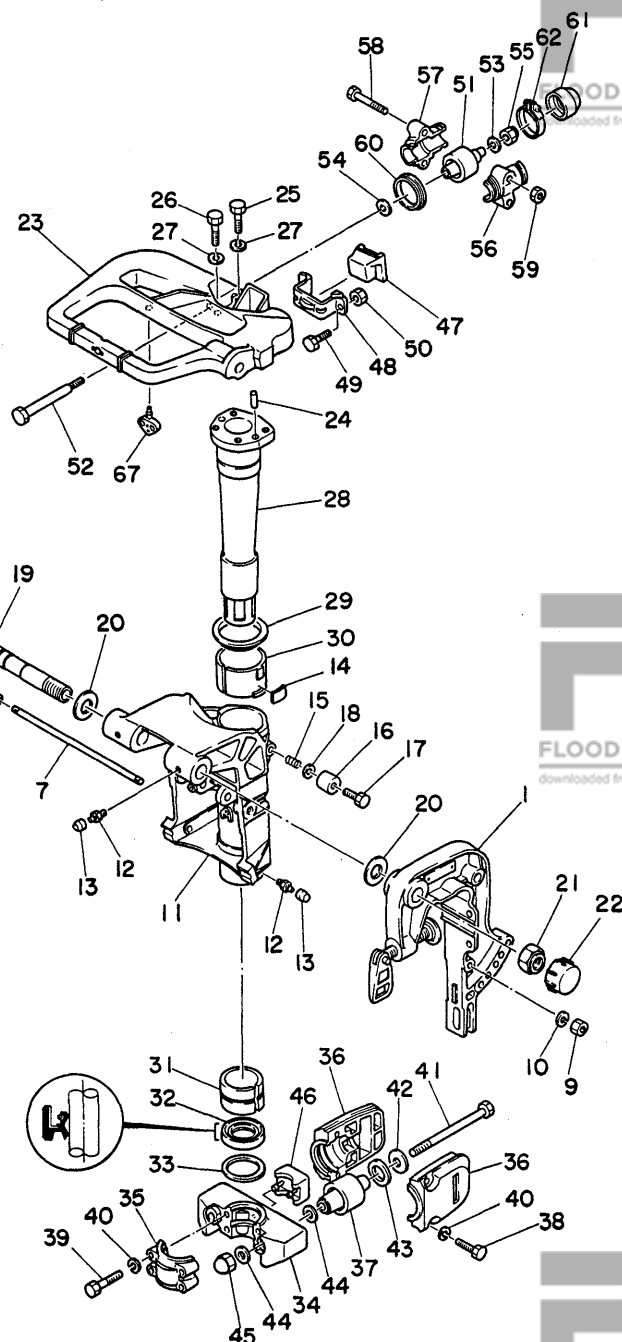
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UPPER CASING -'80/'81

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Fig. 10 BRACKET 1 -'80/'81

BRACKET 1 -'80/'81

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Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	676-43111-01-F6	BRACKET, clamp 1	1	36	676-44553-00-F6	COVER, lower mount	2
2	676-43112-01-F6	BRACKET, clamp 2	1	37	679-44555-00-94	MOUNT RUBBER, lower side	2
3	648-43114-01	PAD, transom clamp	2	38	97375-08030	BOLT	4
4 *	676-43116-00	SCREW, transom clamp	2	39 *	97395-08045	BOLT	4
5	676-43116-01	SCREW, transom clamp	2	40	92990-08100	WASHER	8
6	663-43118-00	HANDLE, transom clamp	2	41	90101-12M01	BOLT	2
7	90243-04007	PIN	2	42	90201-13M11	WASHER (13φ-33φ-3mm)	2
8	90116-08M00	BOLT, stud	1	43	90202-21100	WASHER (21φ-35φ-4.9mm)	2
9	90387-08M00	COLLAR	1	44	90201-12M16	WASHER (12.8φ-22.5φ-3mm)	4
10	95380-08600	NUT	2	45	95380-12800	NUT, crown	2
11	92990-08100	WASHER	2	46	676-44575-00	DAMPER, lower mount rubber	1
12	676-43311-00-F6	BRACKET, swivel	1	47	676-44533-00	DAMPER, upper mount rubber	1
13	93700-06004	NIPPLE, grease	4	48	676-44518-00	BRACKET 1	1
14	663-45119-00	CAP, grease nipple	4	49 *	97395-06025	BOLT	2
15	648-42528-00	PIECE, friction	1	50	97375-06025	BOLT	2
16	90501-18M00	SPRING, compression	1	51	95390-06600	NUT	2
17	676-43373-00	SEAL, rubber	1	52	679-44514-00-94	MOUNT RUBBER, upper side 1	2
18	97375-08025	BOLT	1	53	90101-08M02	BOLT	2
19	92990-08600	WASHER	1	54	90201-08M08	WASHER (8.2φ-16φ-2.5mm)	2
20	663-43131-00	BOLT, clamp bracket	1	55	90201-09M00	WASHER (9.5φ-20φ-3mm)	2
21	90201-22428	WASHER (22.5φ-37φ-0.5mm)	2	56	90185-08M00	NUT, self-locking	2
22	90185-22043	NUT, self-locking	2	57	676-44511-00-94	COVER, upper mount rubber 1	2
23	663-43145-00	CAP, clamp bracket	2	58 *	676-44512-00-94	COVER, upper mount rubber 2	2
24	676-42511-01-F6	BRACKET, steering	1	59	97395-08050	BOLT	4
25	93608-12063	PIN, dowel B (8φ-12.8mm)	2	60	97375-08050	BOLT	4
26	97375-08030	BOLT	2	61	95390-08600	NUT	4
27	97375-08035	BOLT	2	62	676-44521-00	SEAL, rubber 1	2
28	92990-08100	WASHER	4	63 *	676-44522-01	SEAL, rubber 2	2
29	676-42521-00-94	SHAFT, steering pivot	1	64	90460-42M00	CLAMP, hose	2
30	90209-52M00	WASHER	1	65	90101-10M58	BOLT	4
31	90386-52M02	BUSHING	1	66	90101-10209	BOLT	4
32	90386-44M03	BUSHING	1	67	92990-10600	WASHER	8
33	93109-44M00	OIL SEAL (SWO-44φ-54φ-7mm)	1	68	90201-12426	WASHER (12.5φ-38φ-3mm)	4
34	90201-44M01	WASHER (44φ-59φ-1mm)	1	69	95380-10600	NUT	8
35	676-44551-00-F6	HOUSING, lower mount rubber 1	1	70	676-42591-00	HOLDER, share pin	1
36	676-44552-00-F6	HOUSING, lower mount rubber 2	1				

* New parts number

* Not shown

▲ Contents of lower unit gasket kit (Parts No. 6A0-W0001-20)

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Fig. 11 BRACKET 2 -'80/'81

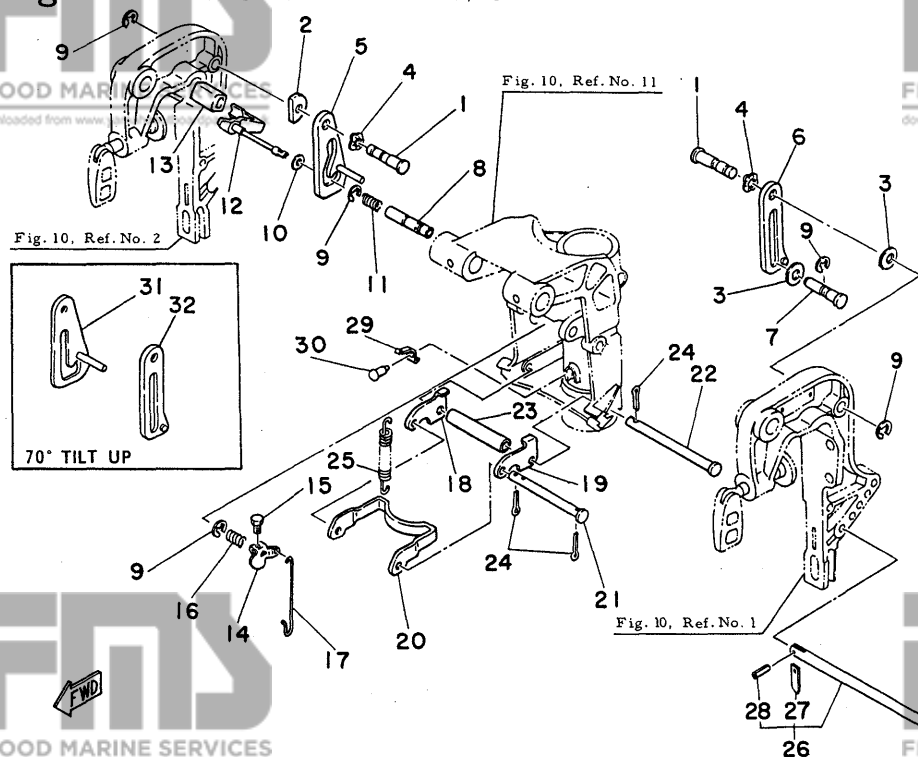
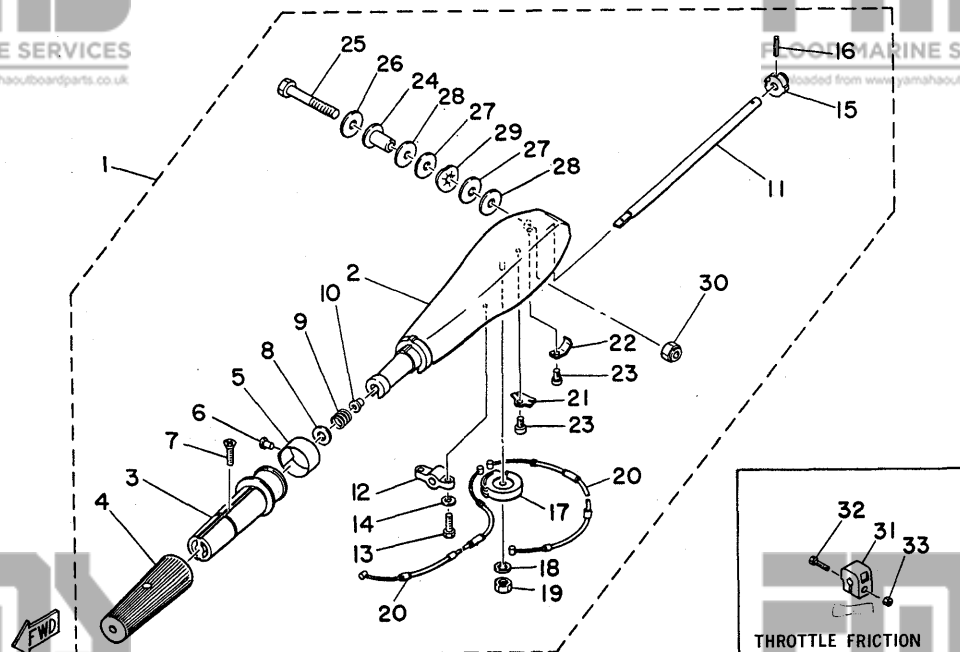


Fig. 12 STEERING -'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	90249-12M04	PIN	2	17	676-43616-00	ROD, tilt lock 1	1
2	676-43132-00	WASHER, friction 1	1	18	676-43614-00	PLATE, tilt lock 1	1
3	90202-12M01	WASHER (12.26-286-1mm)	2	19	676-43615-00	PLATE, tilt lock 2	1
4	90206-12M00	WASHER, wave (12.66-176-2.5mm)	2	20	676-43613-00	ARM, tilt lock	1
5	676-43627-81	STOPPER 1	1	21	90249-07M01	PIN	1
6	676-43628-81	STOPPER 2	1	22	90249-07M02	PIN	1
7	90249-12M03	PIN	1	23	90387-07M04	COLLAR	1
8	676-43191-00	SHAFT, stopper	1	24	91490-20012	PIN, cotter	4
9	93430-10M00	CIRCLIP (E-106)	5	25	90506-30M00	SPRING, torsion	2
10	90202-06M00	WASHER (6.26-226-0.7mm)	1	26	676-43160-01	TILT ROD ASS'Y	1
11	90501-14M05	SPRING, compression	1	27	676-43165-00	STOPPER PLATE	1
12	676-43630-80	TILT LEVER ASS'Y	1	28	91690-30010	PIN, spring	1
13	663-43318-00	COVER	1	29	676-43643-00	SPRING	1
14	676-43631-00	LEVER, tilt 1	1	30	90269-04M00	RIVET	1
15 *	97395-05010	BOLT	1			70° TILT UP	
				31	676-43627-60	STOPPER 1	1
*	97375-05010	BOLT	1				
16	90508-14M00	SPRING, torsion	1	32	676-43628-60	STOPPER 2	1

* New parts number
 ✖ Not shown

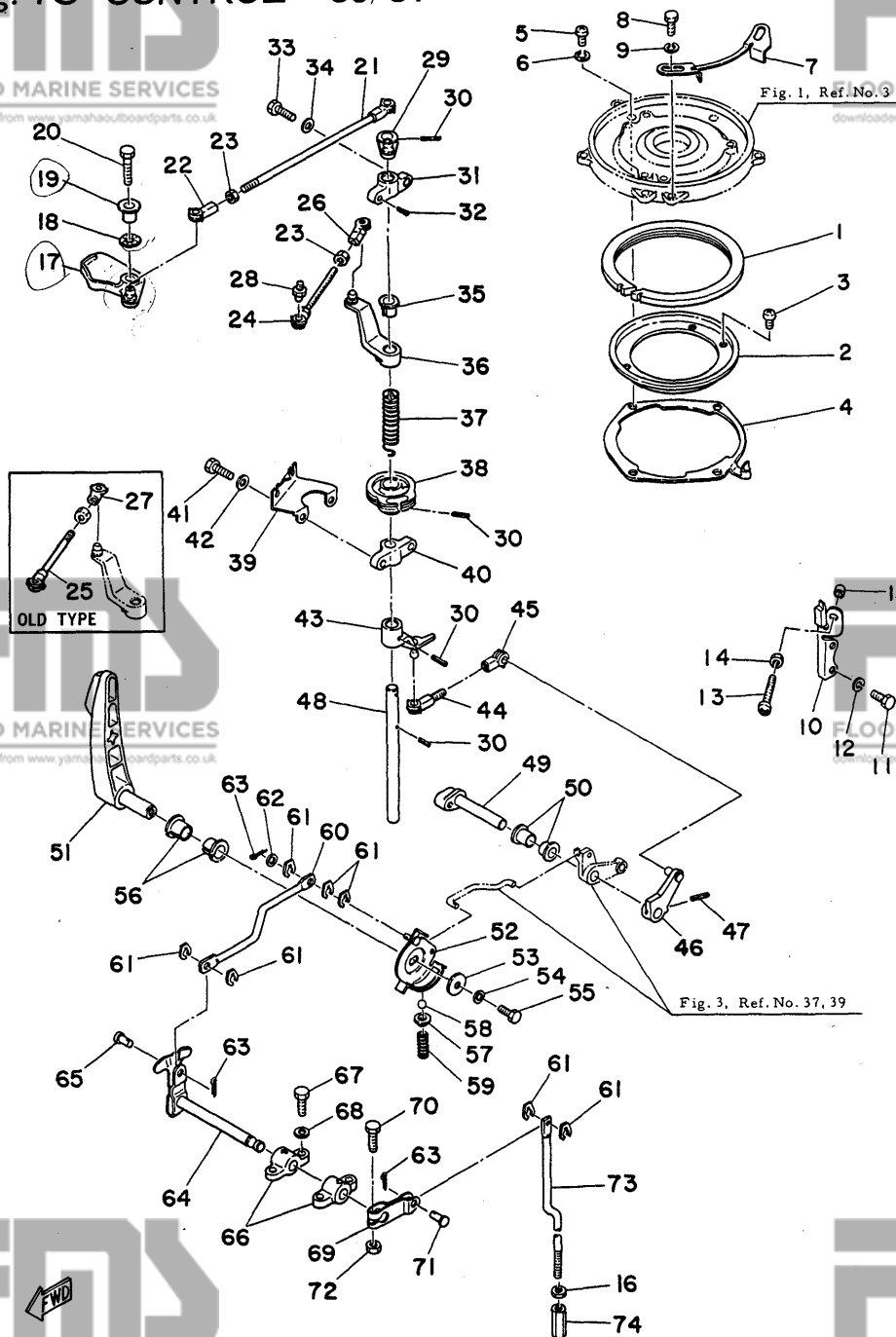
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A0-W0084-00-F6	HANDLE STEERING ASS'Y	1	18	92990-06100	WASHER	1
2	676-42111-01-F6	HANDLE, steering	1	19	95380-06600	NUT	1
3	664-42119-00	GRIP, steering handle	1	20	676-26311-00	THROTTLE WIRE COMP. 1	2
4	689-42177-00	RUBBER, handle	1	21	676-26391-00	CLIP, wire 1	1
5 *	6A0-42137-00	INDICATOR, throttle	1	22	676-26392-00	CLIP, wire 2	1
Δ *	676-42137-00	INDICATOR, throttle	1	23	97890-05010	SCREW, panhead	2
6	90269-02001	RIVET	1	24	90386-12089	BUSHING	1
7	98180-05025	SCREW, ovalhead	1	25	90101-12M37	BOLT	1
8	92903-10600	WASHER	1	26	92990-12200	WASHER	1
9	90501-23215	SPRING, compression	1	27	90202-12092	WASHER (12.56-366-1mm)	2
10	90386-08032	BUSHING	1	28	90201-12537	WASHER (12.56-366-1mm)	2
11	676-42115-00	SHAFT, steering handle	1	29	90206-12054	WASHER, wave (12.26-366-3mm)	1
12	676-42159-00	STAY	1	30	90185-12058	NUT, self-locking	1
13 *	97390-06020	BOLT	2	THROTTLE FRICTION			
Δ *	97395-06020	BOLT	2				
14	92990-06600	WASHER	2	31	656-42126-01	PIECE, friction	1
15	650-42152-00-94	GEAR	1	32 *	97395-06020	BOLT	1
16	91690-30025	PIN, spring	1	Δ *	97375-06020	BOLT	1
17	6A0-42151-00	PINION	1	33	90185-06062	NUT, self-locking	1

400M S: 003215 and below L: 302930 and below LL: 600130 and below	400E S: 103020 and below L: 406370 and below LL: 620110 and below	400R S: 251600 and below L: 551180 and below LL: 660100 and below
400M S: 003216 and up L: 302931 and up LL: 600131 and up	400E S: 103021 and up L: 406371 and up LL: 620111 and up	400R S: 251601 and up L: 551181 and up LL: 660101 and up

* New parts number

* Not shown

Fig. 13 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	676-41611-00	RETAINER, magneto base 1	1	39	676-14497-00	STAY, throttle wire	1
2	676-41612-00	RETAINER, magneto base 2	1	40	676-41662-00	BRACKET 2	1
3	97890-06012	SCREW, panhead	4	41	97313-06020	BOLT	2
4	676-41613-00	PLATE, base friction	1	42	92903-06600	WASHER $\phi 10.5 \times 9 \times 1.5$	2
5	97803-05012	SCREW, panhead	4	43	679-41632-00-94	LEVER, magneto control 2	1
6	92903-05100	WASHER	4	44	679-41241-00	ROD 1	1
7	6A0-41615-00	STOPPER, magneto base 1	1	45	662-41237-01	JOINT, link 2	1
8	97313-06010	BOLT	2	46	676-42154-00-94	LEVER, throttle control	1
9	92903-06100	WASHER	2	47	91690-40022	PIN, spring	1
10	679-41606-00	STOPPER MAGNETO BASE COMP. 2	1	48	676-41635-00	SHAFT, link connecting	1
11	97313-06016	BOLT	2	49	676-42153-01-94	SHAFT, throttle control	1
12	92903-06100	WASHER	2	50	90386-10009	BUSHING	2
13	90157-06M00	SCREW, panhead	1	51	6A0-44111-00-F6	HANDLE, gear shift	1
14	95303-06700	NUT	1	52	6A0-44113-00	CAM PLATE, handle	1
15	663-44194-00	CAP	1	53	90201-06068	WASHER (6.5 ϕ -20 ϕ -2.0mm)	1
16	90170-07021	NUT	1	54	92990-06100	WASHER	1
17	6A0-41213-00	CAM, accel.	1	55 *	97395-06012	BOLT	1
18	90206-10M04	WASHER (10.5 ϕ -18 ϕ -3.0mm)	1	56	90386-13057	BUSHING	2
19	90387-06M29	COLLAR	1	57	676-42715-00	BUSHING 2	1
20	97313-06030	BOLT	1	58	93505-16024	BALL, steel	1
21	676-41211-00	LINK, accel.	1	59	90501-12274	SPRING, compression	1
22	662-41237-01	JOINT, link 2	1	60	676-44142-00	JOINT 1	1
23 *	95380-05700	NUT	2	61	676-44188-00	WASHER	7
24 *	95303-05600	NUT	2	62	92903-05600	WASHER	1
25 *	682-41237-50	JOINT, link 2	1	63	91490-16010	PIN, cotter	3
26 *	679-41636-00	ROD, magneto control	1	64	676-44119-01	SHAFT, change	1
27 *	682-41237-00	JOINT, link 2	1	65	91790-05012	PIN, clevis	1
28	663-85518-00	JOINT, ball	1	66	676-41662-00	BRACKET 2	2
29	6A0-41633-00	LEVER, magneto control 3	1	67	97313-06020	BOLT	4
30	91690-30018	PIN, spring	4	68	92903-06600	WASHER	4
31	676-41661-00	BRACKET 1	1	69	676-44121-00	LEVER, shift rod 1	1
32	91690-40010	PIN, spring	1	70	97313-06020	BOLT	1
33	97313-06020	BOLT	1	71	91790-05014	PIN, clevis	1
34	92903-06600	WASHER	1	72 *	95313-06700	NUT	1
35	90386-10009	BUSHING	1	73	676-44143-00	ROD, shift 1	1
36	676-41631-00-94	LEVER, magneto control 1	1	74	648-44146-00	CONNECTOR, shift rod 2	1
37	90508-20M01	SPRING, torsion	1				
38	679-41638-00	PULLEY	1				

400M S: 803290 and below
L: 303130 and below
LL: 600130 and below400E S: 103020 and below
L: 406370 and below
LL: 820110 and below400R S: 251800 and below
L: 551180 and below
LL: 660100 and below400M S: 803291 and up
L: 303131 and up
LL: 600131 and up400E S: 103021 and up
L: 406371 and up
LL: 820111 and up400R S: 251801 and up
L: 551181 and up
LL: 660101 and up

* New parts number

* Not shown

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Description	Q'ty
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- * New parts number
- ※ Not shown
- Contents of power head gasket kit (Parts No. 6A0-W0001-01)
- ✦ Also available in 30m rolls (Parts No. 90890-56878)

Fig. 15 ELECTRIC STARTER I
(40DE MODEL) -'80/'81

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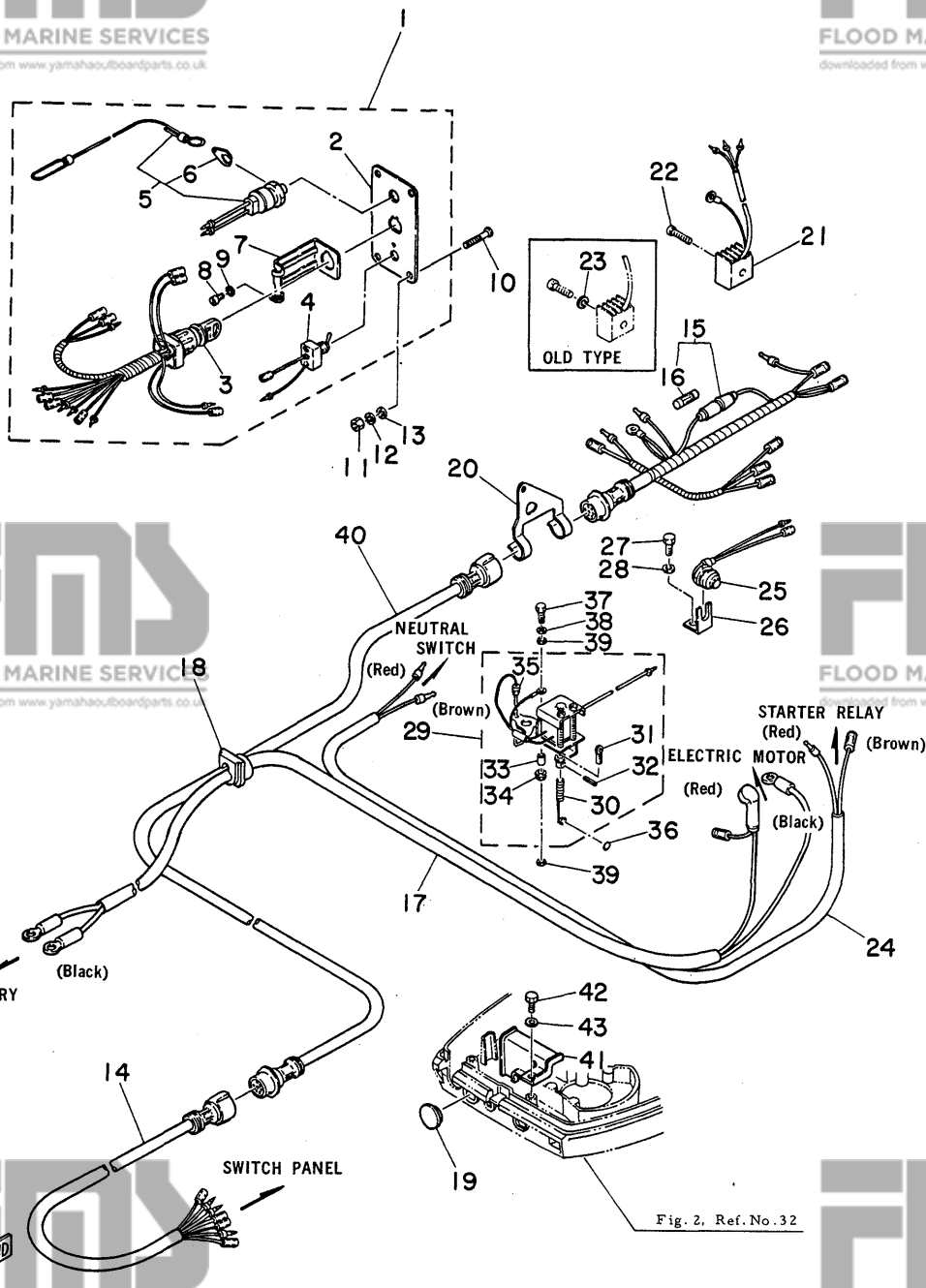


Fig. 2, Ref. No. 32

ELECTRIC STARTER I
(40DE MODEL) -'80/'81

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Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-82570-10	SWITCH PANEL ASS'Y	1	24	6A0-81971-00	WIRE, lead	1
2	689-82571-00	SWITCH PANEL	1	25	689-82540-00	NEUTRAL SWITCH ASS'Y	1
3	688-82508-10	MAIN SWITCH ASS'Y	1	26	676-82554-00	STAY, neutral switch	1
4	688-82574-00	SWITCH, choke	1	27	97313-06016	BOLT	1
5	688-82575-00	KILL SWITCH ASS'Y	1	28	92903-06100	WASHER	1
6	663-82556-70	STOPPER	1	29	676-86110-01	SOLENOID COIL ASS'Y	1
7	663-82581-01	STAY, cord clamp	1	30	676-86116-01	WIRE, pull	1
8	98303-04008	SCREW, cylinderhead	1	31	676-86117-00	HOOK, wire pull	1
9	92901-04100	WASHER	1	32	91690-30010	PIN, spring	1
10	98903-05025	SCREW, bind	4	33	676-86129-00	COLLAR	2
11	95303-05600	NUT	4	34	676-86118-00	DAMPER	2
12	92903-05100	WASHER	4	35	648-86115-40	GROMMET	1
13	92903-05600	WASHER	4	36	93210-03261	O-RING (1.26-2.86)	1
14	688-82586-20	EXTENSION, wire harness (5m)	1	37	97313-05020	BOLT	2
15	6A0-82590-10	WIRE HARNESS ASS'Y	1	38	92903-05100	WASHER	2
16	663-82151-00	FUSE (12V-20A)	1	39	90201-05660	WASHER (5.36-186-1.2mm)	4
17	* 697-82105-11	WIRE LEAD ASS'Y	1	40	688-82586-10	EXTENSION, wire harness (2m)	1
18	* 697-82105-10	WIRE LEAD ASS'Y	1	41	* 6A0-82362-00	CLAMP, cord 2	1
19	6A0-42726-00	GROMMET 3	1	42	* 676-82362-00	CLAMP, cord 2	1
20	90480-17165	GROMMET	1	43	* 97313-06010	BOLT	1
21	6A0-82594-00	CLAMP	1	44	* 92903-06600	WASHER	1
22	664-81970-60	RECTIFIER ASS'Y	1				
23	97890-05025	SCREW, panhead	1				
24	92903-05100	WASHER	1				

The following parts are not used when using the electric starter.

2-45	6A0-42724-00	GROMMET 1	1	2-55	6A0-82575-00	KILL SWITCH ASS'Y	1
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40DE S: 103815 and below
L: 408390 and below
LL: 620130 and below

40DE S: 103756 and up
L: 408170 and below
LL: 620120 and below

* New parts number

* Not shown

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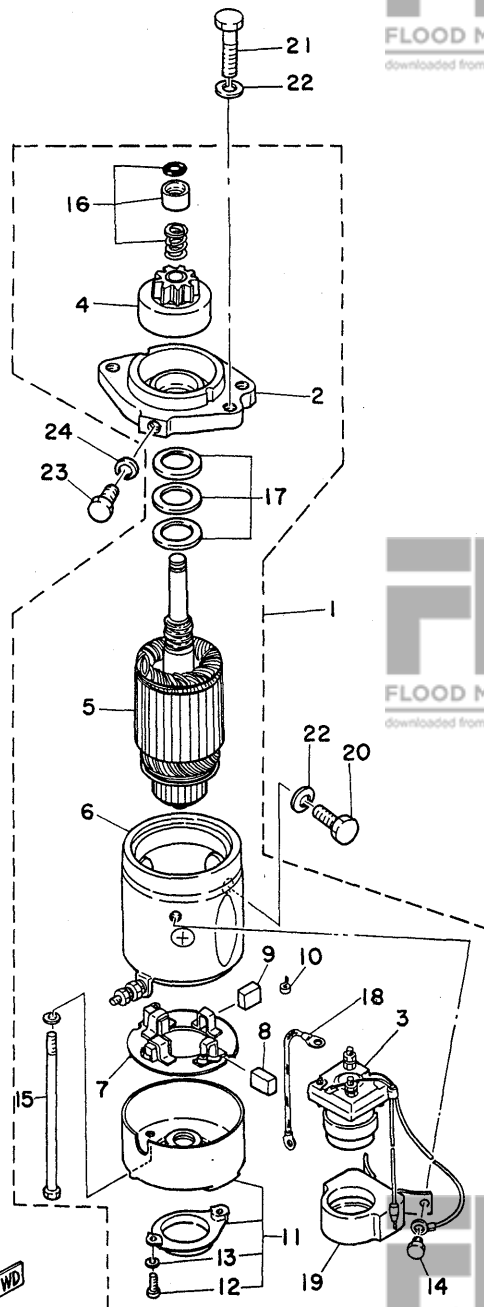
Fig. 16 ELECTRIC STARTER 2
(40DE MODEL) '80/'81

Ref.No.	Parts No.	Description	Q'ty
▶ 1 *	697-81800-11	ELECTRIC MOTOR ASS'Y	1
▶ *	697-81800-10	ELECTRIC MOTOR ASS'Y	1
2	676-81830-10	FRONT COVER ASS'Y	1
▶ 3 *	682-81941-11	STARTER RELAY	1
▶ *	682-81941-10	STARTER RELAY	1
4	663-81832-11	GEAR ASS'Y	1
5	676-81850-10	ARMATURE ASS'Y	1
6	663-81810-11	STATOR ASS'Y	1
7	663-81840-10	BRUSH HOLDER ASS'Y	1
8	663-81811-11	BRUSH 1 (+)	2
9	663-81812-11	BRUSH 2 (-)	2
10	663-81813-10	SPRING, brush	4
11	663-81820-11	REAR COVER ASS'Y	1
12	98503-04012	SCREW, panhead	2
13	92901-04100	WASHER	2
14	97313-06010	BOLT	2
15	663-81826-10	BOLT 1	2
16	676-81857-10	PINION STOPPER SET	15
17	697-81809-10	WASHER KIT	15
18	697-81815-10	WIRE, lead	1
19	697-81952-10	HOLDER, relay	1
20	97313-08025	BOLT	1
21	97313-08030	BOLT	2
22	92903-08100	WASHER	3
23	97370-08012	BOLT	1
24	92990-08100	WASHER	1

40DE S: 103816 and below
L: 408390 and below
LL: 620130 and below

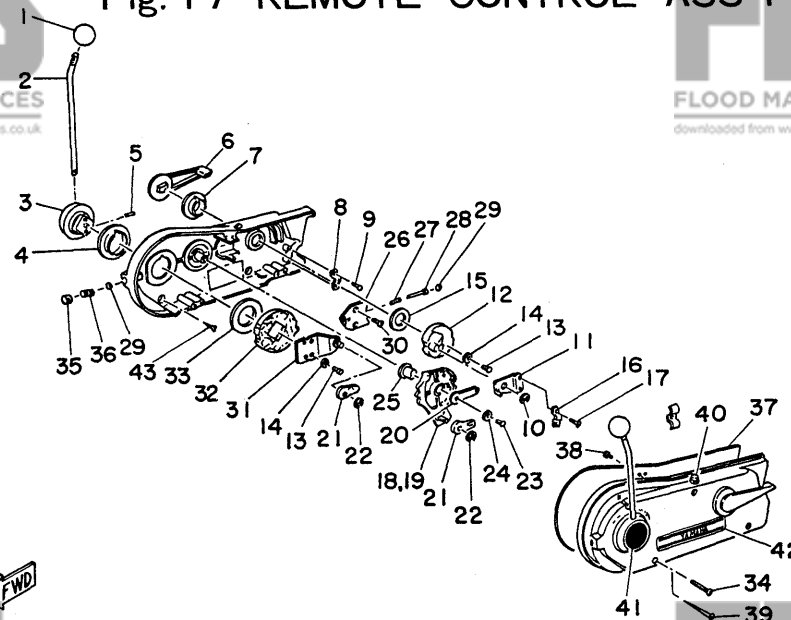
40DE S: 103816 and up
L: 408391 and up
LL: 620131 and up

* New parts number
* Not shown



C1

Fig. 17 REMOTE CONTROL ASS'Y '80/'81



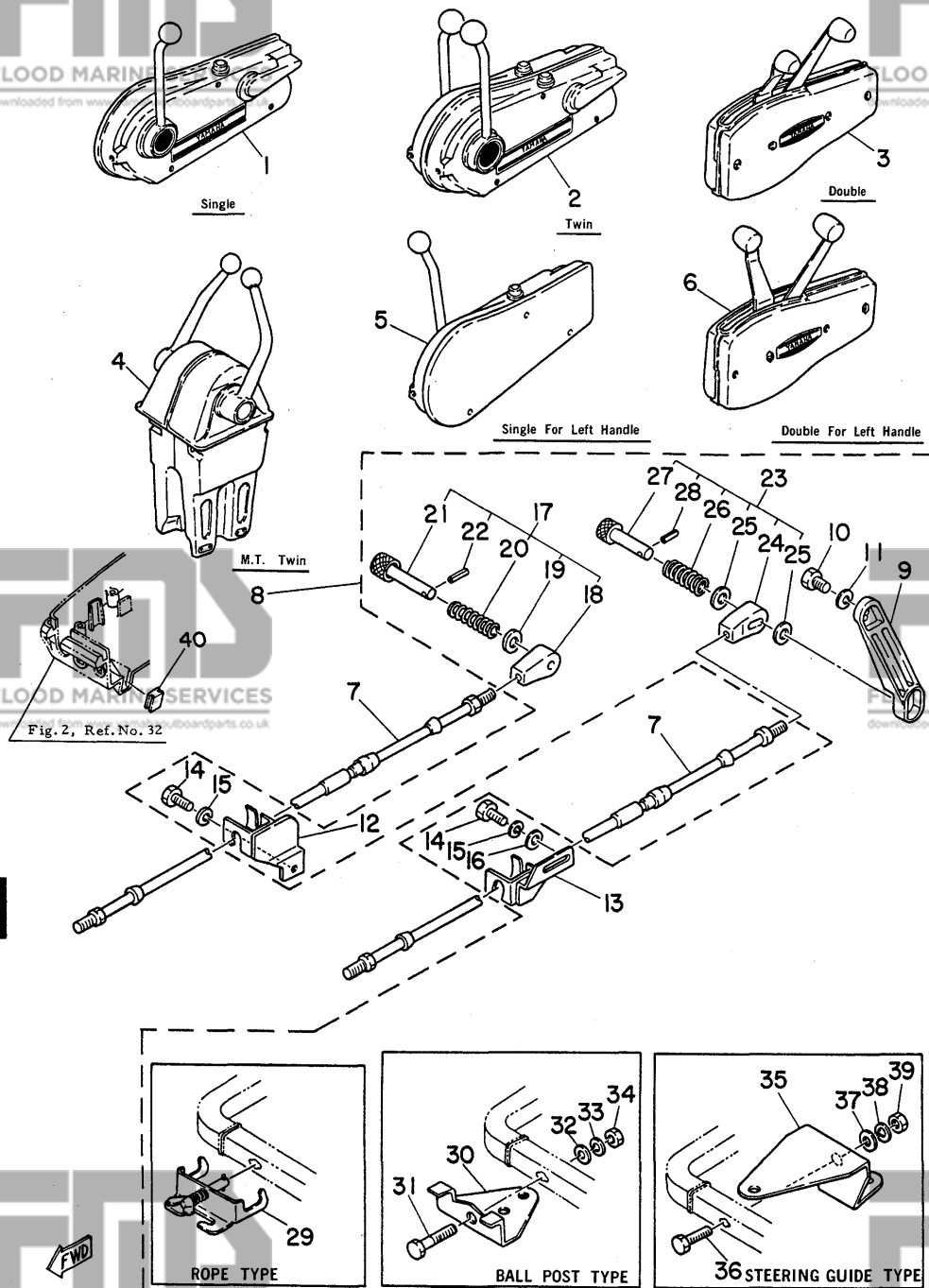
Ref.No.	Parts No.	Description	Q'ty Single Twin	Ref.No.	Parts No.	Description	Q'ty Single Twin
▶ *	701-48110-11	REMOTE CONTROL ASS'Y 1 (See Fig. 18, Ref. No. 1)	1 -	20	701-48147-10	PLATE, lock	1 2
▶ *	701-48110-21	REMOTE CONTROL ASS'Y 2 (See Fig. 18, Ref. No. 2)	- 1	21	701-48345-30	CABLE END, remote control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

* Not shown

C2

Fig. 18 REMOTE CONTROL -'80/'81

REMOTE CONTROL -'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
REMOTE CONTROL							
▲ 1	701-48110-11	REMOTE CONTROL ASS'Y 1	U.R.	11	92990-06100	. WASHER	1
▲ 2	701-48110-21	REMOTE CONTROL ASS'Y 2		12	676-48531-00	. BRACKET, remote control 1	1
3	701-48110-31	REMOTE CONTROL ASS'Y 3		13	679-48532-00	. BRACKET, remote control 2	1
4	701-48110-80	REMOTE CONTROL ASS'Y 4		14 *	97395-06016	. BOLT	2
5	701-48120-11	REMOTE CONTROL ASS'Y 1	U.R.	* 97375-06016	. BOLT	2	A
6	701-48120-31	REMOTE CONTROL ASS'Y 3		15	92990-06100	. WASHER	2
7	701-48310-10	CABLE, remote control 6F		16	92990-06200	. WASHER	1
	701-48310-20	CABLE, remote control 7F		17	648-48330-50	. CABLE END ASS'Y (Shift)	1
	701-48310-40	CABLE, remote control 8F	U.R.	18	648-48346-50	. CABLE END, remote control	1
				19	92990-08200	. WASHER	1
				20	90501-10071	. SPRING, compression	1
				21	617-48331-90	. HOOK, cable 1	1
			U.R.	22	91690-30012	. PIN, spring	1
				23	679-48340-90	. CABLE END ASS'Y (Throttle)	1
				24	679-48346-90	. CABLE END, remote control	1
				25	92990-08200	. WASHER	2
			U.R.	26	90501-10264	. SPRING, compression	1
				27	617-48361-90	. HOOK, cable	1
				28	91690-30012	. PIN, spring	1
				ROPE TYPE			
			U.R.	29	700-48510-12	. STEERING HOOK ASS'Y	1
				BALL POST TYPE			
				30	676-48511-10	. HOOK, steering	1
				31	97375-10040	. BOLT	1
			U.R.	32	92990-10600	. WASHER	1
				33	92990-10100	. WASHER	1
				34	95380-10600	. NUT	1
				STEERING GUIDE TYPE			
			U.R.	35	676-48511-00	. HOOK, steering	1
				36	97375-10040	. BOLT	1
				37	92990-10600	. WASHER	1
				38	92990-10100	. WASHER	1
			U.R.	39	95380-10600	. NUT	1
				40	676-42724-40	. GROMMET 1	1

REMOTE CONTROL ATTACHMENT

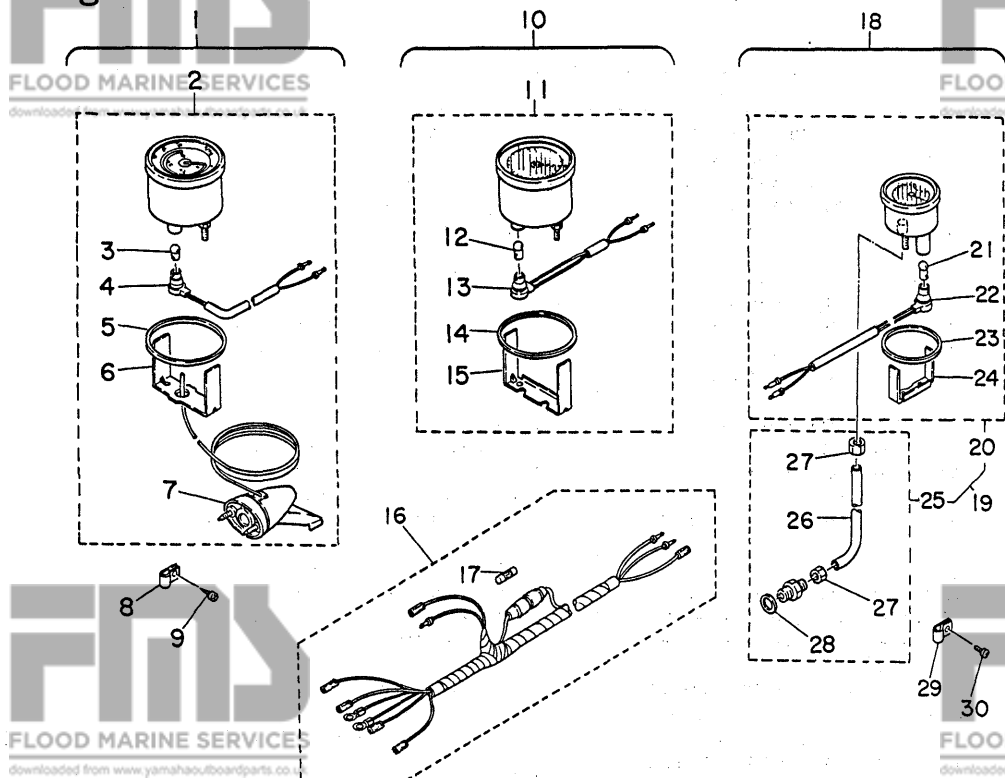
8	*	679-48501-00-F6	REMOTE CONTROL ATTACHMENT KIT	
			(Ref. No. 9 to 29)	
SERVICES				
679-48501-00			REMOTE CONTROL ATTACHMENT KIT	
			(Ref. No. 9 to 29)	
* 679-48501-11-F6			REMOTE CONTROL ATTACHMENT KIT	
			(Ref. No. 9 to 28, 30 to 34)	
679-48501-11			REMOTE CONTROL ATTACHMENT KIT	
			(Ref. No. 9 to 28, 30 to 34)	
* 679-48501-20-F6			REMOTE CONTROL ATTACHMENT KIT	
			(Ref. No. 9 to 28, 35 to 39)	
679-48501-20			REMOTE CONTROL ATTACHMENT KIT	
			(Ref. No. 9 to 28, 35 to 39)	
9	*	676-48534-00-F6	. THROTTLE LEVER, control	
*		676-48534-00-94	. THROTTLE LEVER, control	
10	*	97395-06012	. BOLT	
*		97375-06012	. BOLT	

The following parts are not used when using the remote control.

2-48	676-26326-00	GROMMET	1	12- 1	6A0-W0084-00-F6	HANDLE STEERING ASS'Y	1
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- * New parts number
- * Not shown
- ▲ See Fig. 17 for detail service parts.

Fig. 19 ACCESSORY PARTS 1 '80/'81

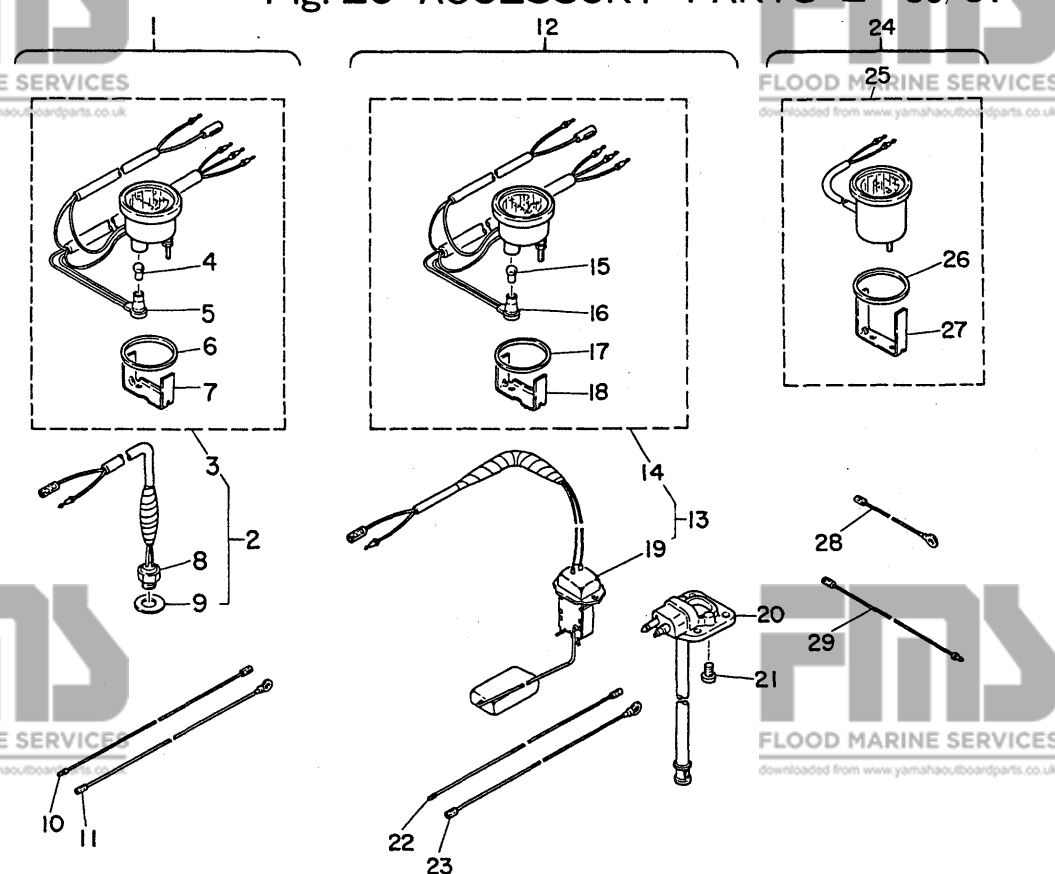


Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
SPEEDOMETER				15	688-83544-00	PLATE, fitting	1
1	688-W0081-00	SPEEDOMETER KIT	15	16	688-83553-10	WIRE, lead	1
2	688-83510-00	SPEEDOMETER ASS'Y	1	17	1E6-82151-00	FUSE (12V-10A)	1
3	688-83516-00	BULB (12V-1.7W)	1	WATER PRESSURE METER			
4	688-83536-00	SOCKET, meter	1	18	688-W0088-00	WATER PRESSURE METER KIT	15
5 *	688-83523-00	DAMPER	1	19	688-83660-00	WATER PRESSURE METER ASS'Y	1
6	688-83577-00	DAMPER	1	20	688-83661-00	WATER PRESSURE GAUGE	1
7	688-83514-00	PLATE, fitting	1	21	688-83516-00	BULB (12V-1.7W)	1
8	688-83556-00	SENDER	1	22	688-83536-00	SOCKET, meter	1
9	90601-31402	CLIP, nylon 14	5	23	688-83664-00	DAMPER	1
10	97780-40116	SCREW, panhead tapping	5	24	688-83665-00	PLATE, fitting	1
TACHOMETER				25	688-83667-00	SENDER	1
11	688-W0080-00	TACHOMETER KIT	15	26	688-83666-00	TUBE	1
12	688-83540-00	TACHOMETER ASS'Y	1	27	663-83668-00	NUT, nipple	2
13	688-83516-00	BULB (12V-1.7W)	1	28	90430-14115	GASKET	1
14 *	688-83536-00	SOCKET, meter	1	29	90601-31402	CLIP, nylon 14	5
15 *	688-83523-00	DAMPER	1	30	97780-40116	SCREW, panhead tapping	5
16 *	688-83577-00	DAMPER	1				

* New parts number

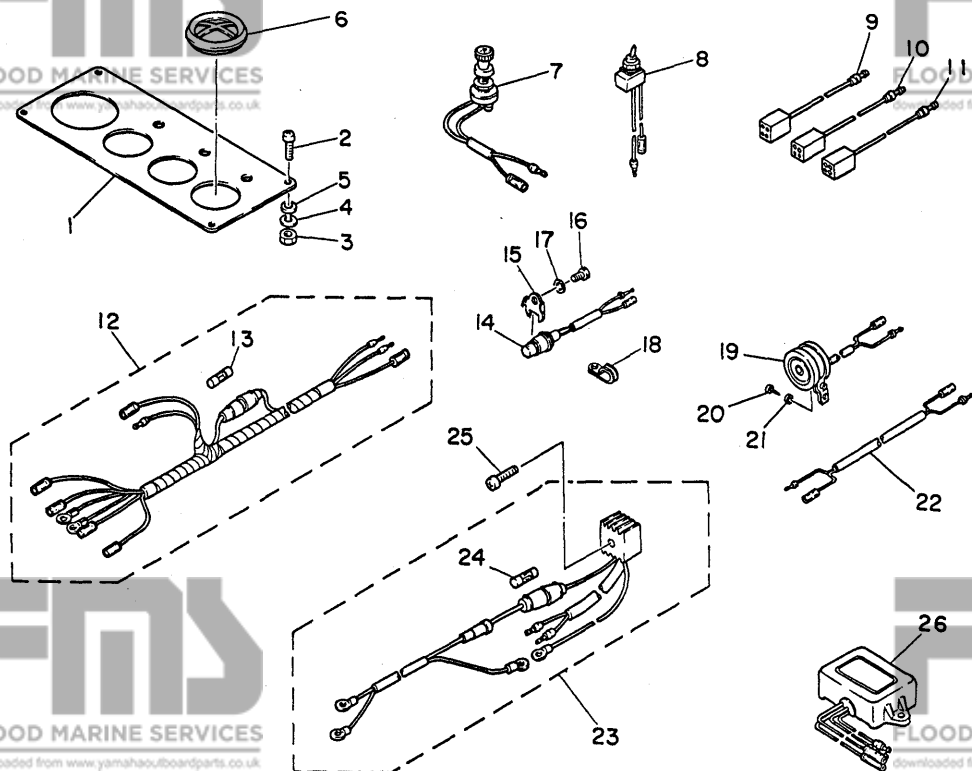
* Not shown

Fig. 20 ACCESSORY PARTS 2 '80/'81



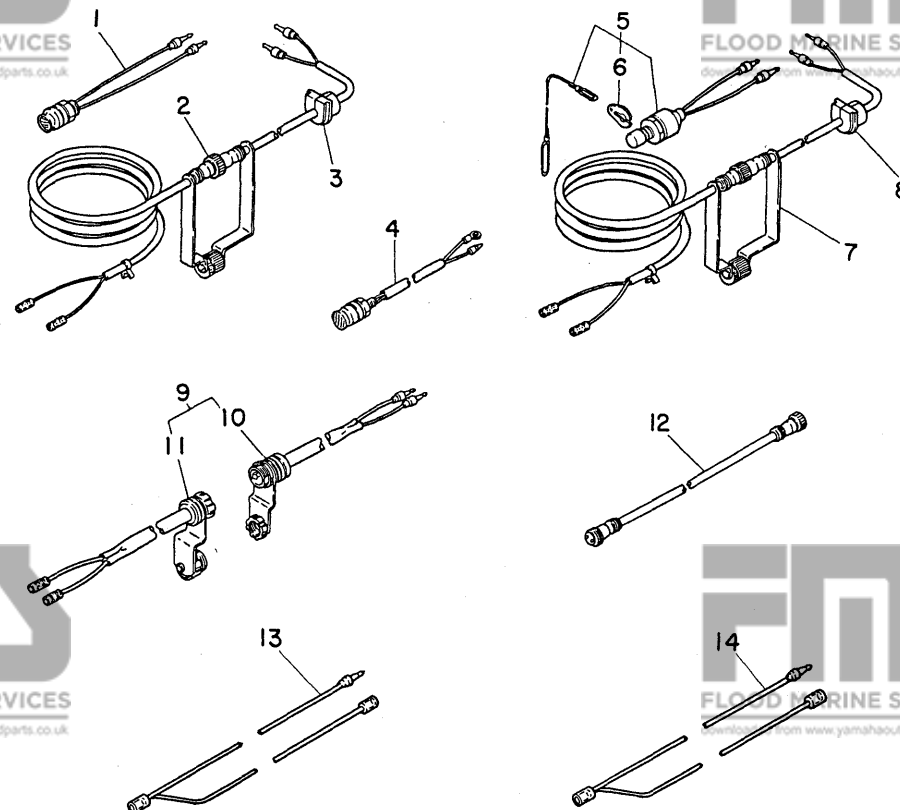
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
WATER TEMPERATURE METER				15	688-83516-00	BULB (12V-1.7W)	1
1	688-W0088-10	WATER TEMP. METER KIT	15	16	688-83536-00	SOCKET, meter	1
2	688-83590-00	WATER TEMP. METER ASS'Y	1	17	688-83664-00	DAMPER	1
3	688-83594-00	WATER TEMP. GAUGE	1	18	688-83556-00	PLATE, fitting	1
4	688-83516-00	BULB (12V-1.7W)	1	19	688-85752-00	FUEL SENDER	1
5	688-83536-00	SOCKET, meter	1	20	663-24275-00	FUEL METER COMP	1
6	688-83664-00	DAMPER	1	21	98503-05010	SCREW, panhead	2
7	688-85756-00	PLATE, fitting	1	22	663-83553-Y0	WIRE, lead (Yellow)	1
8	688-83591-00	THERMO UNIT	1	23	663-83553-A0	WIRE, lead	1
9	90430-14115	GASKET	1	HOURLY METER			
10	663-83553-Y0	WIRE, lead (Yellow)	1	24	688-W0088-30	HOURLY METER KIT	15
11	663-83553-A0	WIRE, lead	1	25	688-83504-00	HOURLY METER ASS'Y	1
FUEL METER				26	688-83664-00	DAMPER	1
12	688-W0088-20	FUEL METER KIT	15	27	688-83557-00	PLATE, fitting	1
13	688-85750-00	FUEL METER ASS'Y	1	28	663-83553-A0	WIRE, lead	1
14	688-85751-00	FUEL GAUGE	1	29	663-83553-Y0	WIRE, lead (Yellow)	1

Fig. 21 ACCESSORY PARTS 3 -'80/'81



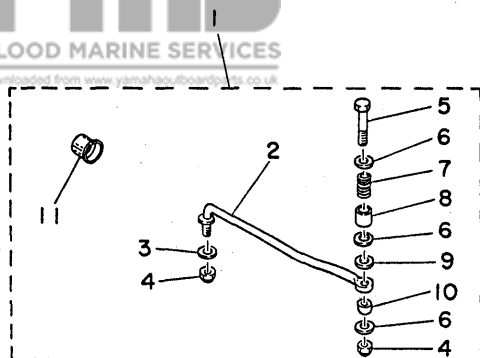
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
METER PANEL				15	663-82588-00	PLATE	1
1	688-83611-00	PANEL, meter	1	16	97313-06010	BOLT	1
2	98903-05025	SCREW, bind	4	17	92903-06100	WASHER	1
3	95303-05600	NUT	4	18	90461-06M00	CLAMP	1
4	92903-05100	WASHER	4	19	688-83383-10	BUZZER	1
5	92903-05600	WASHER	4	20	97780-60516	SCREW, panhead tapping	1
6	688-83559-00	COVER, meter	U.R.	21	92903-05600	WASHER	1
7	688-82520-00	LAMP SWITCH ASS'Y	U.R.	22	688-83373-10	LEAD, horn	1
8	688-82526-00	SWITCH, lamp	1	RECTIFIER			
9	688-82149-00	WIRE, lead (Blue)	U.R.	23	676-81970-00	RECTIFIER ASS'Y	1
10	688-82117-00	WIRE, lead (Black)	U.R.	24	663-82151-00	FUSE (12V-20A)	1
11	688-82521-00	WIRE, lead (Yellow)	U.R.	VOLTAGE REGULATOR			
12	688-83553-10	WIRE, lead	1	25	97803-05025	SCREW, panhead	1
13	1E6-82151-00	FUSE (12V-10A)	1	26	663-81910-10	VOLTAGE REGULATOR ASS'Y	1
OVERHEAT BUZZER							
14	6A0-82560-00	THERMO-SWITCH ASS'Y	1				

Fig. 22 ACCESSORY PARTS 4 -'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
STOP SWITCH (5m)				CONCENT 2P			
1	689-82550-10	STOP SWITCH ASS'Y	1	9	682-84380-00	CONCENT 2P ASS'Y	1
2	6A0-82553-20	EXTENSION, wire lead	1	10	682-84381-00	2P CONCENT 1	1
3	6A0-42727-00	GROMMET 4	1	11	682-84382-00	2P CONCENT 2	1
STOP SWITCH (FOR BOTTOM)				EXTENSION WIRE (2m)			
4	6A0-82550-00	STOP SWITCH ASS'Y	1	12	689-82553-10	EXTENSION, wire lead	1
KILL SWITCH (5m)				LEAD WIRE			
5	689-82575-10	KILL SWITCH ASS'Y	1	13	699-82149-A0	WIRE, lead (Gray)	1
6	663-82556-70	STOPPER	1	14	699-82149-00	WIRE, lead (Orange)	1
7	6A0-82553-20	EXTENSION, wire lead	1				
8	6A0-42727-00	GROMMET 4	1				

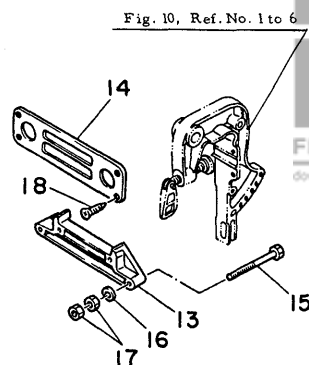
Fig. 23 ACCESSORY PARTS 5 '80/'81



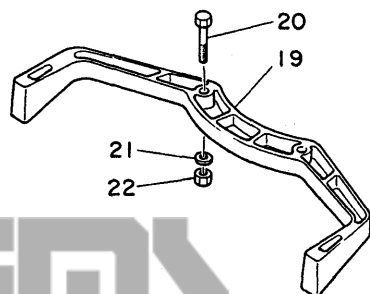
Ref.No.	Parts No.	Description	Q'ty
STEERING GUIDE ATTACHMENT			
1	663-61350-01	STEERING GUIDE ATTACHMENT KIT (Single)	15
2	663-61351-01	ROD, steering link	1
3	90201-10M20	WASHER (9.76-16.6-1.5mm)	1
4	90185-09M01	NUT, self-locking	2
5	90101-10M39	BOLT	1
6	90201-10M17	WASHER (9.76-21.6-1.5mm)	3
7	90501-11M10	SPRING, compression	1
8	90385-12M00	BUSHING, rubber	1
9	90202-10M05	WASHER (9.76-21.6-0.8mm)	1
10	663-61352-01	BALL, joint	1
11	663-43145-11	CAP, clamp bracket	1
12	A00-61312-00	SPACER	1



Ref.No.	Parts No.	Description	Q'ty
TRANSOM PLATE			
13	670-43119-00-F6	PLATE, transom	1
14	670-43119-10-94	PLATE, transom	1
15 *	97395-08110	BOLT	4
*	97375-08110	BOLT	4
16	92990-08600	WASHER	4
17	95380-08600	NUT	8
18	97780-60330	SCREW, ovalhead tapping	4

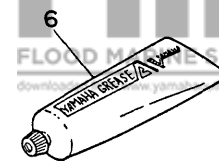
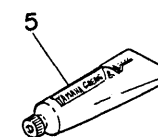
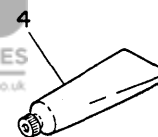
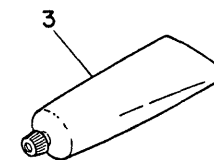
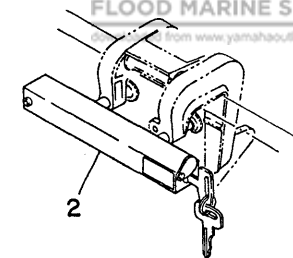
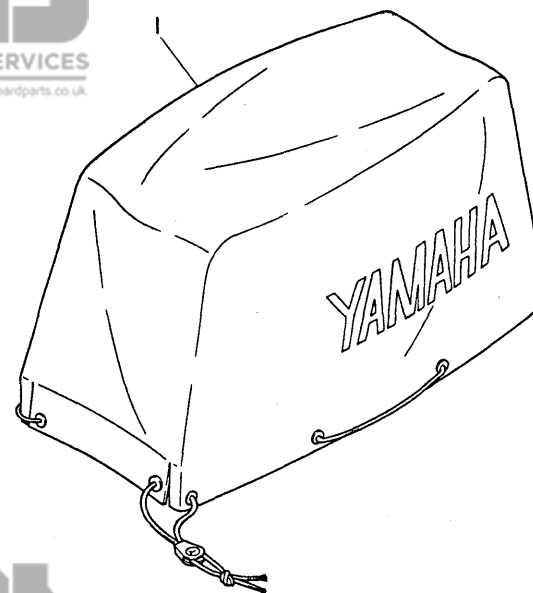


* New parts number
* Not shown



Ref.No.	Parts No.	Description	Q'ty
CARRYING HANDLE			
19	676-42731-00-F6	CARRYING HANDLE	1
20	97313-10050	BOLT	2
21	92903-10600	WASHER	2
22	95303-10600	NUT	2

Fig. 24 ACCESSORY PARTS 6 '80/'81



Ref.No.	Parts No.	Description	Q'ty
1	90890-56876	ENGINE COVER	1
2	90890-46000	OUTBOARD LOCK	1
3	YM9-27837-61-2M	ANTI-CORROSION GREASE	U.R.
4	90890-69908	YAMAHA GREASE C (150g)	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)	

