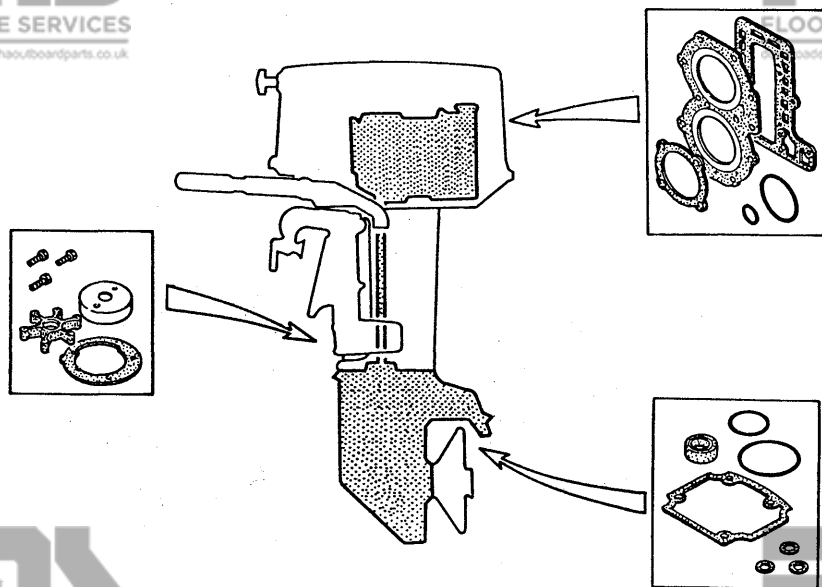


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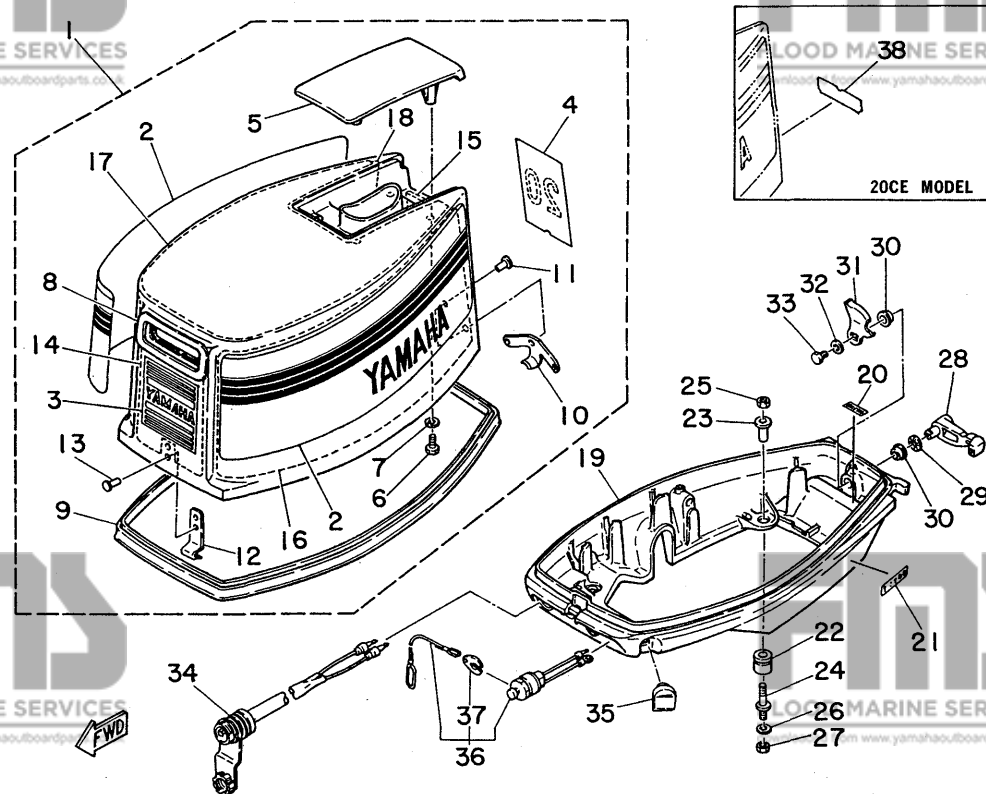
20C

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	689-W0079-01
HANDLE STEERING ASS'Y	6A9-W0084-00-F6
CRANK CYLINDER ASS'Y	6A9-W0090-80
CARBURETOR REPAIR SET	689-W0093-00
LOWER UNIT ASS'Y (Short)	689-45300-00-F6
LOWER UNIT ASS'Y (Long)	689-45300-10-F6

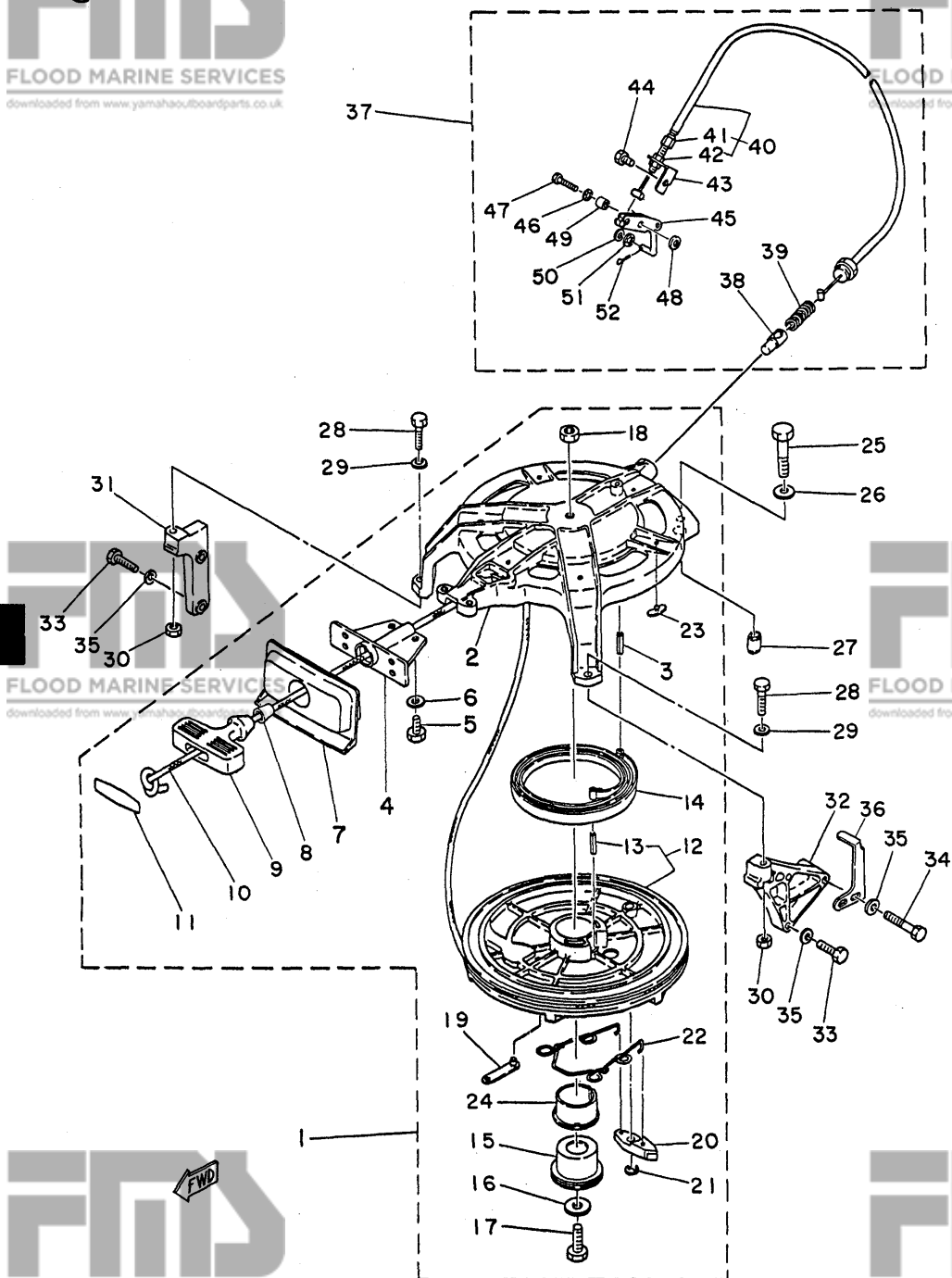
Fig. 1 COWLING '81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A9-42610-80-F6	TOP COWLING ASS'Y	1	20	661-42791-80	MARK 1	1
2	695-W0070-80	GRAPHIC SIDE SET	1S	21	664-42783-80	GRAPHIC, side	2
3	6A9-42677-80	GRAPHIC, front	1	22	90480-15M06	GROMMET	4
4	6A9-42678-80	GRAPHIC, rear	1	23	90387-08M25	COLLAR	4
5	689-42613-00-F6	MOLDING, air duct	1	24	689-42742-00-94	BOLT	4
6	97313-06012	BOLT	4	25	95303-08700	NUT	4
7	92903-06600	WASHER	4	26	92990-08600	WASHER	4
8	689-15761-00	SEAL, rubber	1	27	95380-08700	NUT	4
9	689-42615-00	SEAL	1	28	689-42815-00	LEVER, clamp 1	1
10	689-42647-00	HOLDER, clamp band	1	29	90206-12052	WASHER, wave (12.5φ-19φ-0.5mm)	1
11	90266-04M01	RIVET	3	30	90386-12069	BUSHING	2
12	689-42651-00	HOOK 1	1	31	689-42816-00	LEVER, clamp 2	1
13	90266-04M00	RIVET	2	32	90201-06068	WASHER (6.5φ-20φ-2.0mm)	1
14	695-42662-01	DAMPER 1	1	33	97313-06010	BOLT	1
15	695-42663-01	DAMPER 2	1	34	682-84381-00	2P CONCENT 1	1
16	695-42664-00	DAMPER 3	1	35	689-42725-00	GROMMET 2	1
17	689-42665-00	DAMPER 4	1	36	689-82575-01	KILL SWITCH ASS'Y	1
18	689-42666-00	DAMPER 5	1	37	663-82556-70	STOPPER	1
19	689-42711-00-F6	COWLING, bottom	1	38	689-42683-00	MARK, cowling 3 (20CE Model)	1

Fig. 2 STARTER '81

STARTER '81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-15710-00	STARTER ASS'Y	1	26	92903-08600	WASHER	1
2	676-15711-00-94	CASE, starter	1	27	91830-22016	PIN, dowel A (8.4φ-12φ-16mm)	1
3	91690-40020	PIN, spring	1	28	97313-06030	BOLT	2
4	689-15758-01-94	GUIDE, wire	1	29	92903-06600	WASHER	2
5	97313-06016	BOLT	2	30	95303-06600	NUT	2
6	92903-06600	WASHER	2	31	656-15771-00-94	STAY 1	1
7	689-15762-00	SEAL, rubber 2	1	32	656-15772-00-94	STAY 2	1
8	689-15789-00	DAMPER	1	33	97313-06025	BOLT	4
9	619-15755-01	HANDLE, starter	1	34	97313-06040	BOLT	1
10	+	WIRE (2075mm)	1	35	92903-06600	WASHER	5
11	689-15779-00	COVER	1	36	689-81332-01	PLATE, timing	1
12	676-15714-00-94	DRUM, sheave	1	SAFETY STARTER			
13	91690-40020	PIN, spring	1	37	689-W0079-01	SAFETY STARTER KIT	15
14	90510-09M00	SPRING, spiral	1	38	656-15748-00	PLUNGER, starter stop	1
15	676-15717-00	SHAFT	1	39	90501-10227	SPRING, compression	1
16	90201-08309	WASHER (8φ-23φ-3.0mm)	1	40	656-15770-00	WIRE COMP., starter stop	1
17	97313-08025	BOLT	1	41	90123-06049	BOLT, wire adjusting	1
18	95303-08600	NUT	1	42	95303-06600	NUT	2
19	676-15799-01	CLIP	1	43	689-15774-00	STAY 4	1
20	676-15741-03	PAWL, drive	1	44	97313-06010	BOLT	1
21	93430-06M02	CIRCLIP	1	45	656-15749-00	LINK COMP., starter stop	1
22	676-15705-00	SPRING, drive pawl	1	46	90206-08010	WASHER, wave (8.7φ-16φ-0.3mm)	1
23	676-15773-00	STAY 3	6	47	97313-06020	BOLT	1
24	90386-35M01	BUSHING	1	48	92903-06600	WASHER	1
25	97313-08035	BOLT	1	49	90387-06568	COLLAR (6φ-8φ-7.5mm)	1
				50	92903-05600	WASHER	1
				51	90206-05005	WASHER, wave (5.5φ-11φ-0.3mm)	1
				52	91490-16010	PIN, cotter	1

+ Cut from 50m rolls, Parts No. 90890-44373, cutting length 2.075m.

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

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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 (12.26-266-3.2mm)	1
17	6A9-41615-00	STOPPER, magneto base 1	1
18	97313-06012	BOLT	2
19	92903-06200	WASHER	2
20	6A9-41213-00-94	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

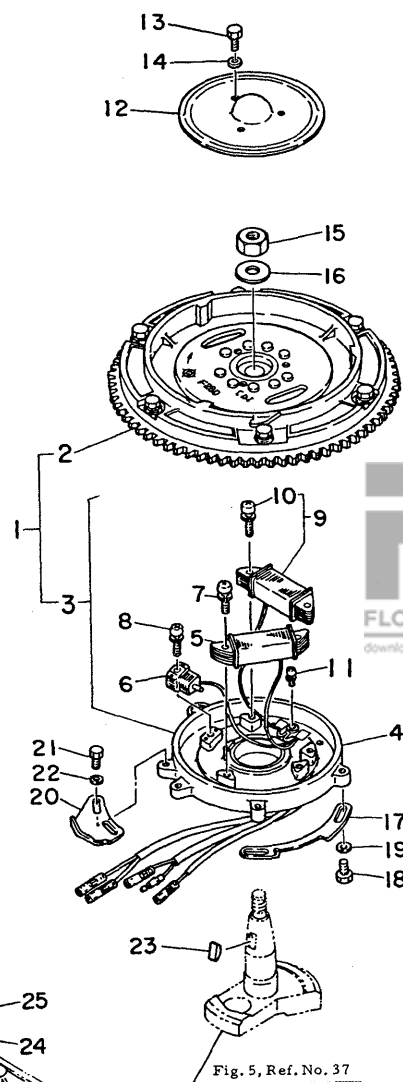


Fig. 5, Ref. No. 2

Fig. 5, Ref. No. 37

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Fig. 4 ELECTRIC PARTS '81

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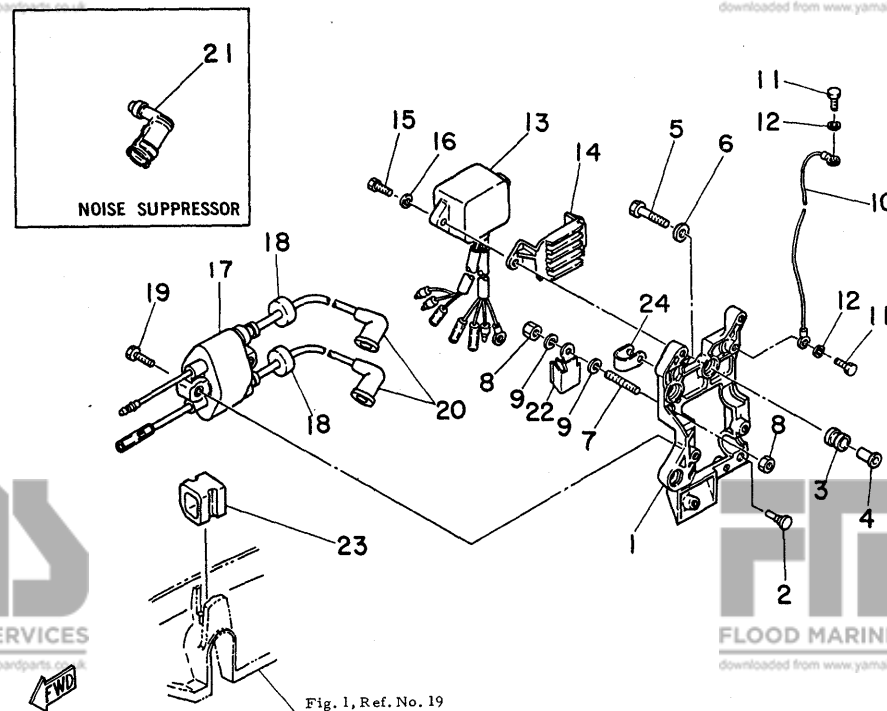


Fig. 1, Ref. No. 19

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, wire harness	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 (6.26-186-1.2mm)	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	2	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

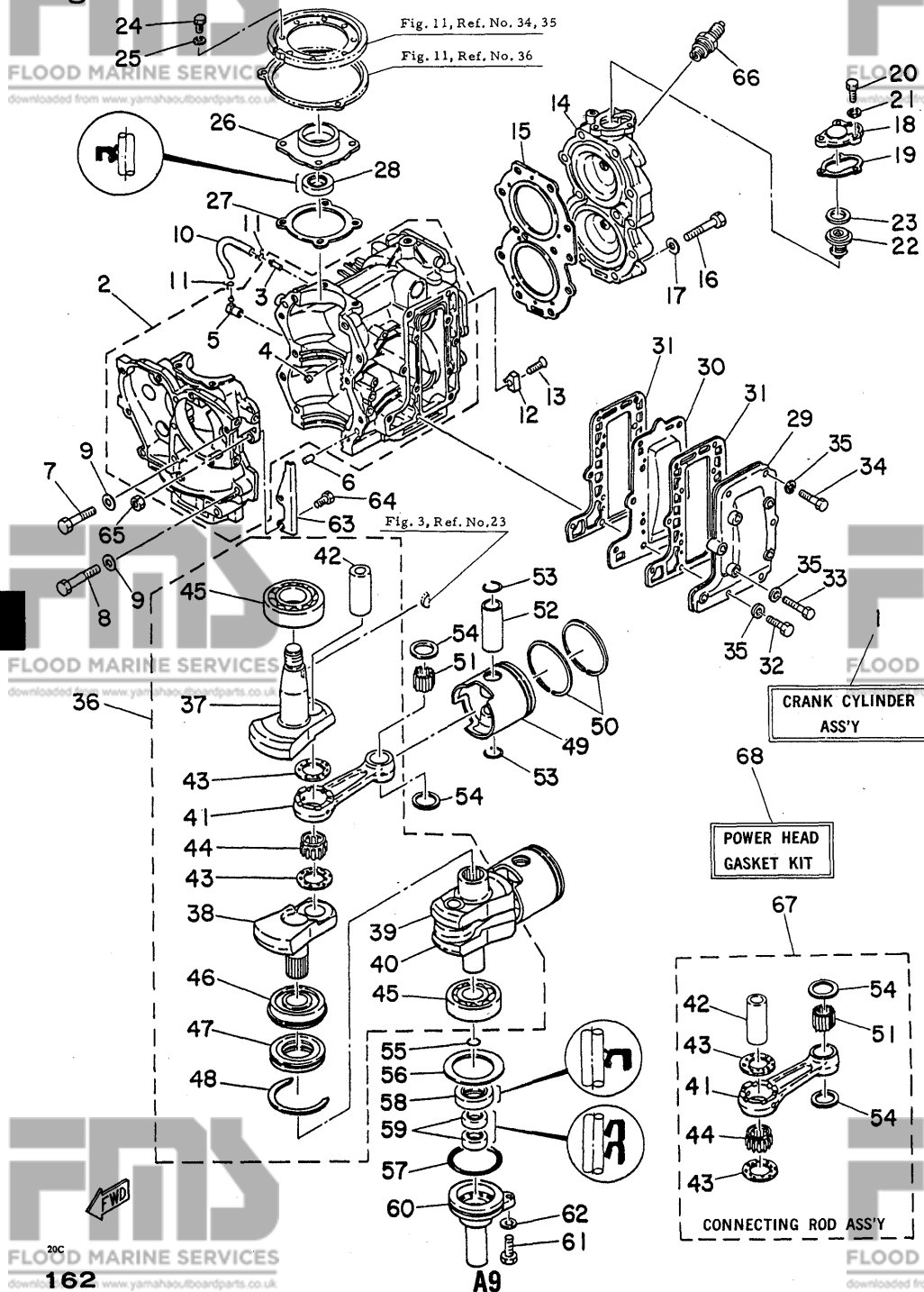
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Fig. 5 CRANKCASE, CYLINDER & PISTON -'81



CRANKCASE, CYLINDER & PISTON -'81

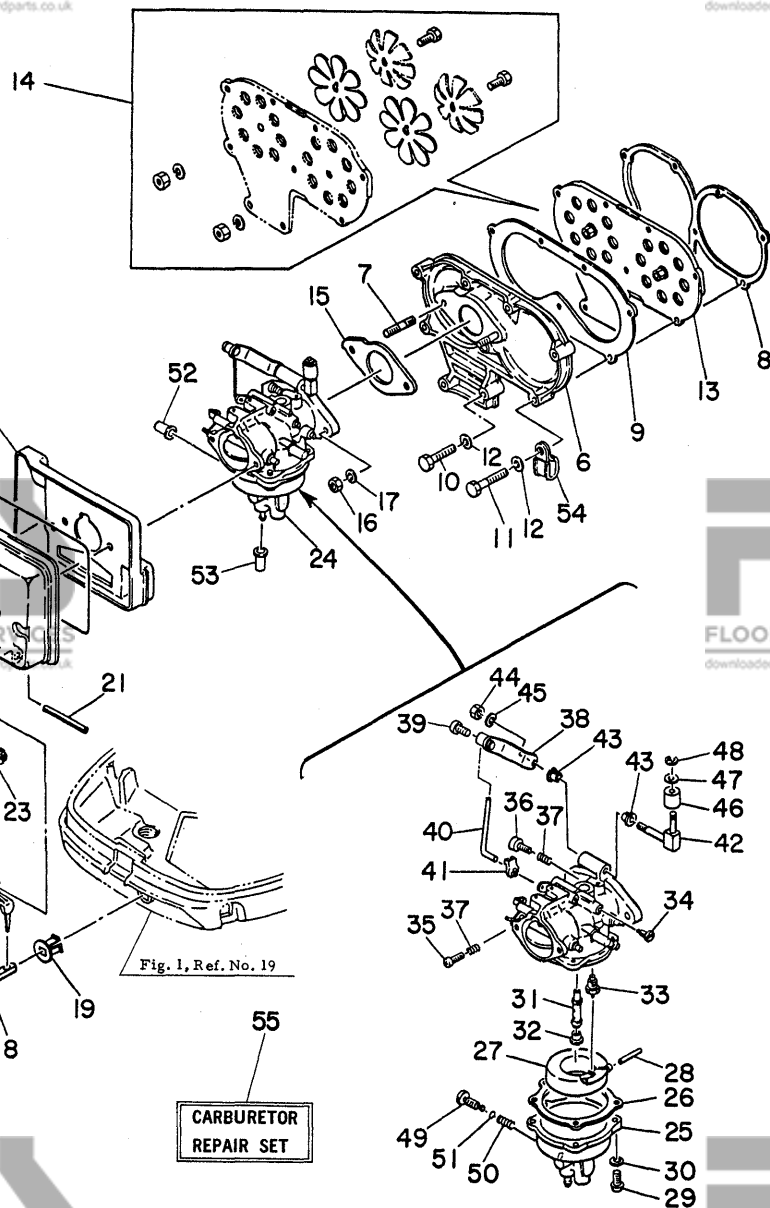
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A9-W090-80	CRANK CYLINDER ASS'Y (Ref. No. 2 to 66)	1	41	648-11651-02	ROD, connecting	2
2	6A9-15100-00-94	CRANKCASE ASS'Y	1	42	648-11681-00	PIN, crank	2
3	624-14485-00	PIPE, joint	1	43	90209-22071	WASHER	4
4	624-11379-00	VALVE, check	1	44	93310-522A4	BEARING, con-rod big end	2
5	650-11370-00	CHECK VALVE ASS'Y	1	45	93306-30510	BEARING (B6305)	2
6	93606-12019	PIN, dowel B (66-12mm)	2	46	93390-00009	BEARING, roller	1
7	97313-08045	BOLT	2	47	656-11515-00	SEAL, labyrinth	1
8	97313-08055	BOLT	8	48	93440-62057	CIRCLIP (624Special)	1
9	648-11175-00	WASHER, holding 1	10	49	664-11631-80-96	PISTON (Standard 66.96mm)	U.R. 2
10	90445-07260	HOSE (2.56-76-270mm)	1	664-11631-80-97	PISTON (Standard 66.97mm)		
11	90467-06016	CLIP	2	664-11631-80-98	PISTON (Standard 66.98mm)	U.R. 2	
12	689-11325-00	ANODE	1	* 664-11635-80	PISTON (Over Size 67.25mm)		
13	92780-06020	SCREW, flathead	1	* 664-11636-80	PISTON (Over Size 67.50mm)	2	
14	6A9-11111-00-94	HEAD, cylinder	1	50	664-11610-80	PISTON RING SET (Standard)	25
15	664-11181-00	GASKET, cylinder head	1	* 664-11610-40	PISTON RING SET (Over Size 67.25mm)	25	
16	97313-08050	BOLT	11	* 664-11610-50	PISTON RING SET (Over Size 67.50mm)	25	
17	648-11175-00	WASHER, holding 1	11	51	93602-20M02	BEARING, con-rod small end	62
18	655-12413-01-94	COVER, thermostat	1	52	648-11633-00	PIN, piston	2
19	655-12414-00	GASKET, cover	1	53	93450-20026	CLIP, piston pin	4
20	97313-06020	BOLT	3	54	90201-18522	WASHER (18.26-21.56-1.2mm)	4
21	92903-06100	WASHER	3	55	93210-16275	O-RING (2.46-15.86)	1
22	656-12411-01	THERMOSTAT	1	56	90201-50306	WASHER (506-666-1.5mm)	1
23	90201-21567	WASHER (21.56-27.56-2mm)	1	57	93210-58M21	O-RING (36-57.26)	1
24	97313-06020	BOLT	4	58	93102-25M04	OIL SEAL (SD-246-486-8mm)	1
25	92903-06600	WASHER	4	59	93104-16M01	OIL SEAL (SD-156-306-5mm)	2
26	664-15359-01-94	HOUSING, oil seal 1	1	60	689-15396-00-9M	HOUSING, oil seal 2	1
27	664-15369-00	GASKET, oil seal housing	1	61	97395-06022	BOLT	1
28	93102-23096	OIL SEAL (SD-236-386-7mm)	1	62	92990-06600	WASHER	1
29	664-41113-00-94	OUTER COVER, exhaust	1	63	695-41616-00	STOPPER, magneto base 2	1
30	664-41111-00	INNER COVER, exhaust	1	64	97313-06020	BOLT	2
31	664-41114-00	GASKET, exhaust cover	2	65	95303-06600	NUT	2
32	90101-06M10	BOLT	1	66	94701-00040	PLUG, spark (B-7HS) NGK	2
33	90101-06M12	BOLT	6	67	648-11650-01	CONNECTING ROD ASS'Y	2
34	90101-06M13	BOLT	4	68	695-W0001-00	POWER HEAD GASKET KIT	1
35	92903-06600	WASHER	11				
36	664-11400-01	CRANK ASS'Y	1				
37	648-11412-01	CRANK 1	1				
38	648-11422-01	CRANK 2	1				
39	648-11432-01	CRANK 3	1				
40	664-11442-01	CRANK 4	1				

* Not shown

■ Contents of power head gasket kit

Fig. 6 INTAKE '81

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CARBURETOR
REPAIR SET

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	695-14417-00	COVER 1	1	29	98503-04012	SCREW, panhead	4
2	695-14418-01	COVER 2	1	30	92990-04100	WASHER	4
3	97803-05030	SCREW, panhead	2	31	6A9-14341-00	NOZZLE, main (2.96)	1
4	92903-05600	WASHER	2	32	689-14343-00	JET, main (#1.5)	1
5	695-14476-00	SEAL	1	33	648-14390-14	VALVE SEAT ASS'Y (1.46)	1
6	648-13641-01-94	MANIFOLD, intake	1	34	648-14342-31	JET, pilot (#62)	1
7	90116-06M08	BOLT, stud	2	35	648-14321-00	SCREW, throttle	1
8	648-13621-00	PACKING, valve seat	1	36	647-14323-00	SCREW, air adjusting	1
9	648-13645-00	GASKET, intake manifold	1	37	646-14212-01	SPRING, air adjusting	2
10	97313-06025	BOLT	2	38	648-41210-01	ACCEL. ARM ASS'Y	1
11	97313-06035	BOLT	7	39	650-14327-00	SCREW	1
12	92903-06600	WASHER	9	40	656-41241-00	ROD	1
13	689-13610-00	REED VALVE ASS'Y	1	41	661-41262-02	JOINT, choke lever	1
14	689-W0004-00	REED SET	15	42	689-41216-00	SHEAVE SHAFT, accel. link	1
15	648-14198-00	GASKET	1	43	90386-05002	BUSHING	2
16	95303-06600	NUT	2	44	95303-05700	NUT	1
17	92903-06600	WASHER	2	45	92990-05100	WASHER	1
18	682-41271-00	KNOB, choke 1	1	46	664-41231-00	COLLAR, guide pin	1
19	689-41273-00	GROMMET 1	1	47	92990-05200	WASHER	1
20	689-41252-00	LEVER, choke	1	48	93430-04031	CIRCLIP (E-46)	1
21	91690-40048	PIN, spring	1	49	646-14394-00	VALVE, drain	1
22	695-41256-00	ROD, choke link	1	50	646-14223-01	SPRING, drain valve	1
23	661-41262-02	JOINT, choke lever	1	51	646-14397-00	O-RING	1
24	6A9-14301-00	CARBURETOR ASS'Y	1	52	647-14395-60	CAP, over flow pipe	1
25	664-14381-00	BODY, float chamber	1	53	648-14382-60	CAP, drain pipe	1
26	648-14384-01	GASKET, float chamber	1	54	90461-06015	CLAMP	1
27	648-14385-00	FLOAT	1	55	689-W0093-00	CARBURETOR REPAIR SET	15
28	689-14386-00	PIN, float	1				

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

✦ Contents of carburetor repair set

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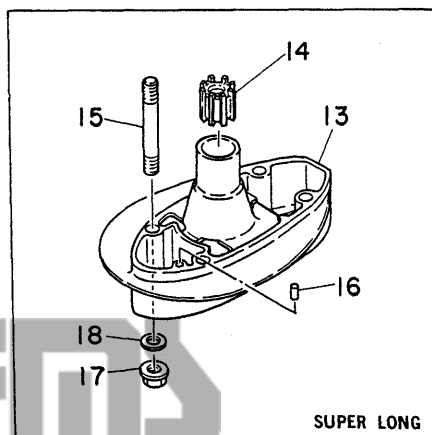
Fig. 7 UPPER CASING '81

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
■	689-45113-00 GASKET, upper casing		1
4	93606-12019 PIN, dowel B (66-12mm)		2
5	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
▲	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 (66-12mm)		2
17	90179-10M03 NUT		4
18	92990-10600 WASHER		4

* Not shown

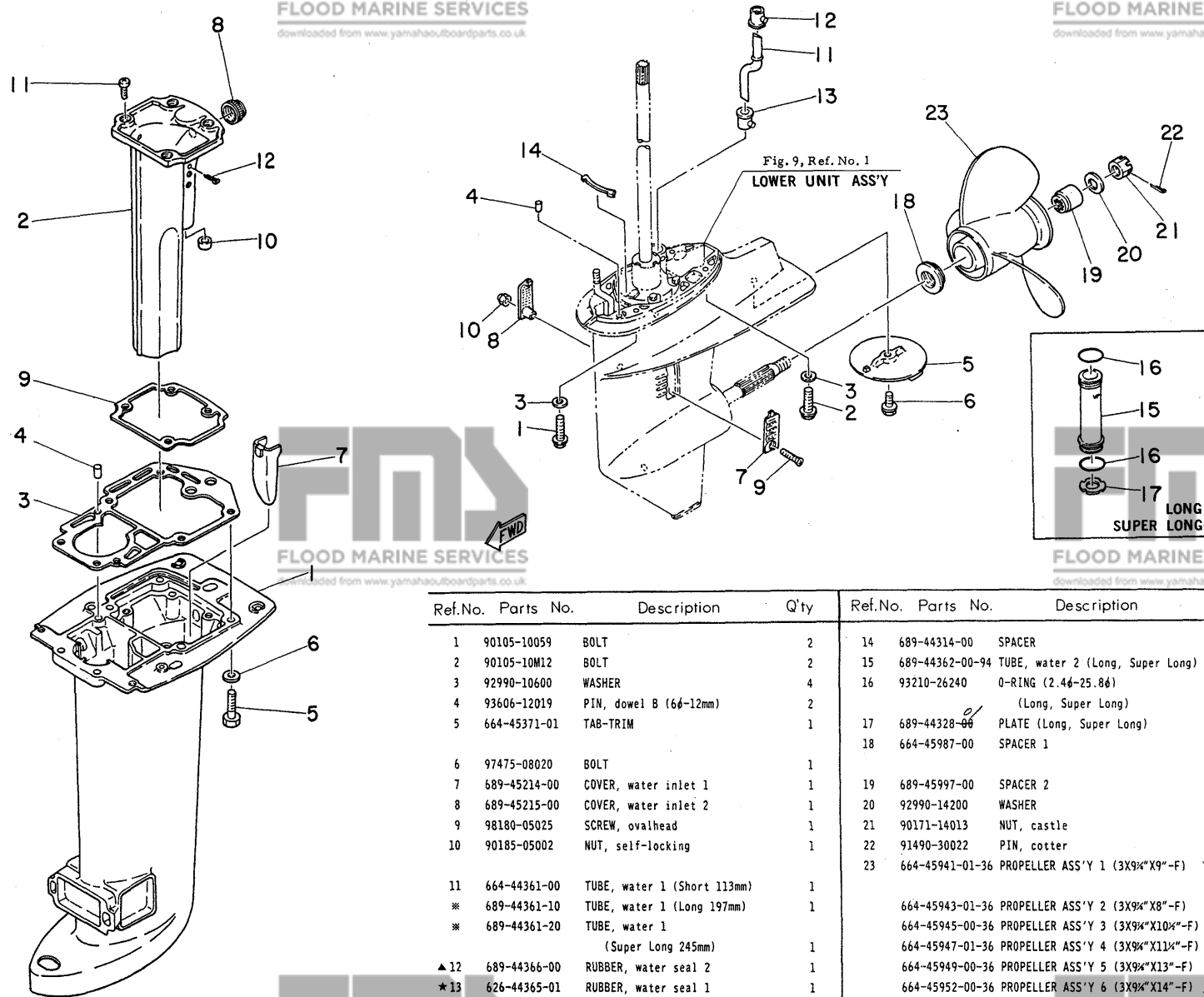
■ Contents of power head gasket kit (Parts No. 695-W0001-00)

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



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Fig. 8 LOWER & DRIVE 1 '81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	90105-10059	BOLT	2	14	689-44314-00	SPACER	1
2	90105-10M12	BOLT	2	15	689-44362-00-94	TUBE, water 2 (Long, Super Long)	1
3	92990-10600	WASHER	4	16	93210-26240	O-RING (2.46-25.86) (Long, Super Long)	2
4	93606-12019	PIN, dowel B (66-12mm)	2	17	689-44328-00	PLATE (Long, Super Long)	1
5	664-45371-01	TAB-TRIM	1	18	664-45987-00	SPACER 1	1
6	97475-08020	BOLT	1	19	689-45997-00	SPACER 2	1
7	689-45214-00	COVER, water inlet 1	1	20	92990-14200	WASHER	1
8	689-45215-00	COVER, water inlet 2	1	21	90171-14013	NUT, castle	1
9	98180-05025	SCREW, ovalhead	1	22	91490-30022	PIN, cotter	1
10	90185-05002	NUT, self-locking	1	23	664-45941-01-36	PROPELLER ASS'Y 1 (3X9X"X9"-F)	1
11	664-44361-00	TUBE, water 1 (Short 113mm)	1		664-45943-01-36	PROPELLER ASS'Y 2 (3X9X"X8"-F)	1
*	689-44361-10	TUBE, water 1 (Long 197mm)	1		664-45945-00-36	PROPELLER ASS'Y 3 (3X9X"X10X"-F)	1
*	689-44361-20	TUBE, water 1 (Super Long 245mm)	1		664-45947-01-36	PROPELLER ASS'Y 4 (3X9X"X11X"-F)	1
▲	689-44366-00	RUBBER, water seal 2	1		664-45949-00-36	PROPELLER ASS'Y 5 (3X9X"X13"-F)	1
★	626-44365-01	RUBBER, water seal 1	1		664-45952-00-36	PROPELLER ASS'Y 6 (3X9X"X14"-F)	1

* Not shown

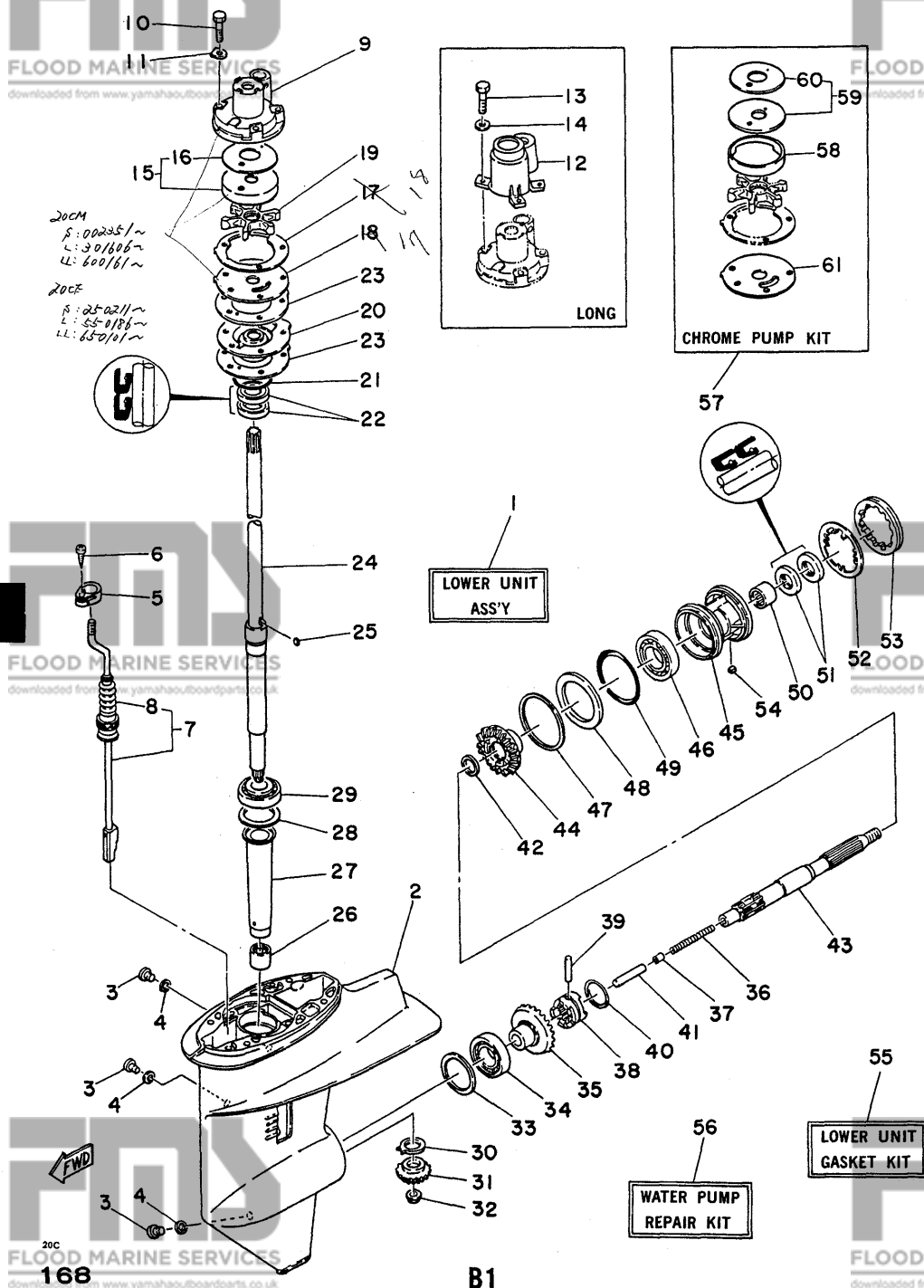
▲ Contents of lower unit gasket kit (Parts No. 689-W0001-20)

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

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Fig. 9 LOWER & DRIVE 2-'81

LOWER & DRIVE 2-'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)		29	93332-000U4	BEARING, taper roller	1
	(Ref. No. 2 to 11, 15 to 54)		1	30	664-45552-00	BEARING, plain	1
※	689-45300-10-F6	LOWER UNIT ASS'Y (Long)		31	689-45551-00	PINION (13T)	1
	(Ref. No. 2 to 9, 12 to 54)		1	32	90179-09M02	NUT	1
2	689-45311-00-F6	CASING, lower	1	33	664-45567-00-05	SHIM 1 (426-51.56-0.05mm)	} U.R.
3	90340-08014	PLUG, straight screw	3	664-45567-00-08	SHIM 1 (426-51.56-0.08mm)		
▲ 4	90430-08020	GASKET	3	664-45567-00-12	SHIM 1 (426-51.56-0.12mm)		
5	689-44176-00	BRACKET	1	664-45567-00-30	SHIM 1 (426-51.56-0.30mm)		
6	97780-50110	SCREW, panhead tapping	1	664-45567-00-50	SHIM 1 (426-51.56-0.50mm)		
7	664-44150-01	SHIFT CAM ASS'Y (Short 311mm)	1	34	93332-00005	BEARING, taper roller	1
※	664-44150-11	SHIFT CAM ASS'Y (Long 438mm)	1	35	689-45560-00	GEAR 1 ASS'Y (24T)	1
※	664-44150-21	SHIFT CAM ASS'Y		36	90501-10065	SPRING, compression	1
	(Super Long 486mm)		1	37	648-45634-00	SLIDE, shift	1
8	664-44147-00	. BOOT, shift rod	1	38	664-45631-00	CLUTCH, dog	1
★ 9	689-44311-00	HOUSING, water pump	1	39	90250-05010	PIN, straight	1
★ 10	90101-06M56	BOLT	3	40	648-45633-00	RING, cross pin	1
11	90209-06M04	WASHER	3	41	648-45635-00	PLUNGER, shift	1
12	689-44312-00-9M	COVER, water pump housing (Long)	1	42	90201-20417	WASHER (206-24.56-1.5mm)	1
13	97395-06035	BOLT (Long)	3	43	689-45611-00	SHAFT, propeller	1
14	92990-06600	WASHER (Long)	3	44	689-45571-00	GEAR 2 (24T)	1
★ 15	689-W4432-00	INSERT CARTRIDGE COMP.	1	45	689-45331-00-94	HOUSING, bearing 1	1
★ 16	689-44367-00	. RUBBER, water seal 3	1	46	93306-00606	BEARING (B6006)	1
★ 17	689-44323-00	OUTER PLATE, cartridge	1	47	664-45577-00-05	SHIM 2 (646-67.46-0.05mm)	} U.R.
▲ ★ 18	689-44324-00	GASKET	1	664-45577-00-08	SHIM 2 (646-67.46-0.08mm)		
★ 19	689-44352-00	IMPELLER	1	664-45577-00-12	SHIM 2 (646-67.46-0.12mm)		
20	689-44325-00-9M	PROTECTOR, oil seal	1	664-45577-00-30	SHIM 2 (646-67.46-0.30mm)		
▲ 21	93210-40M10	O-RING (2.46-39.76)	1	664-45577-00-50	SHIM 2 (646-67.46-0.50mm)		
▲ 22	93101-22067	OIL SEAL (S-226-366-6mm)	2	48	664-45576-00	WASHER, thrust 2 (496-676-4mm)	U.R.
▲ ★ 23	689-44315-00	GASKET, water pump 1	2	▲ 49	93210-60M17	O-RING (3.96-59.66)	1
24	689-45501-00	DRIVE SHAFT COMP.		50	93315-22004	BEARING, needle	1
	(Short 655.5mm)		1	▲ 51	93101-20M07	OIL SEAL (S-18.56-346-6.5mm)	2
※	689-45501-10	DRIVE SHAFT COMP.		52	90214-45M00	WASHER, claw	1
	(Long 782.5mm)		1	53	664-45384-00	NUT	1
※	689-45501-20	DRIVE SHAFT COMP.		54	90282-04010	KEY, straight	1
	(Super Long 830.5mm)		1	▲ 55	689-W0001-20	LOWER UNIT GASKET KIT	1
★ 25	664-44338-00	KEY, woodruff	1	★ 56	689-W0078-02	WATER PUMP REPAIR KIT	1
26	93315-017U4	BEARING, needle	1	CHROME PUMP KIT			
27	689-45536-00	SLEEVE, drive shaft	1	★ 57	689-W0078-04	CHROME PUMP KIT	1
28	664-45587-00-05	SHIM 3 (366-41.56-0.05mm)	} U.R.	★ 58	689-44322-40	. INSERT, cartridge	1
	664-45587-00-08	SHIM 3 (366-41.56-0.08mm)		★ 59	689-W4432-40	. INSERT CARTRIDGE COMP.	1
	664-45587-00-12	SHIM 3 (366-41.56-0.12mm)		★ 60	689-44367-00	. RUBBER, water seal 3	1
	664-45587-00-30	SHIM 3 (366-41.56-0.30mm)		★ 61	689-44323-40	. OUTER PLATE, cartridge	1
	664-45587-00-50	SHIM 3 (366-41.56-0.50mm)					

* Not shown

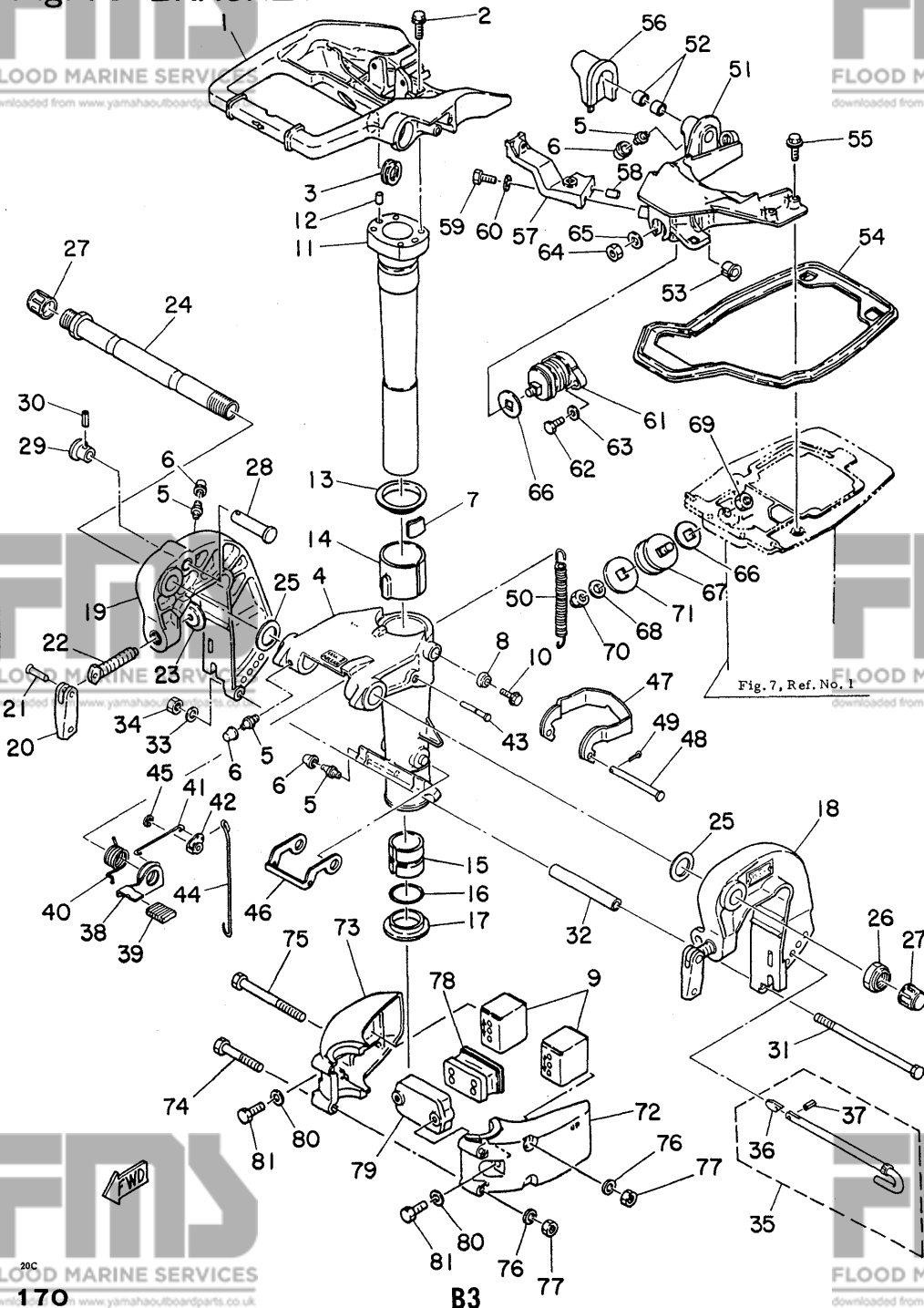
▲ Contents of lower unit gasket kit

★ Contents of water pump repair kit

☆ Contents of chrome pump kit

Fig. 1 O BRACKET '81

BRACKET '81



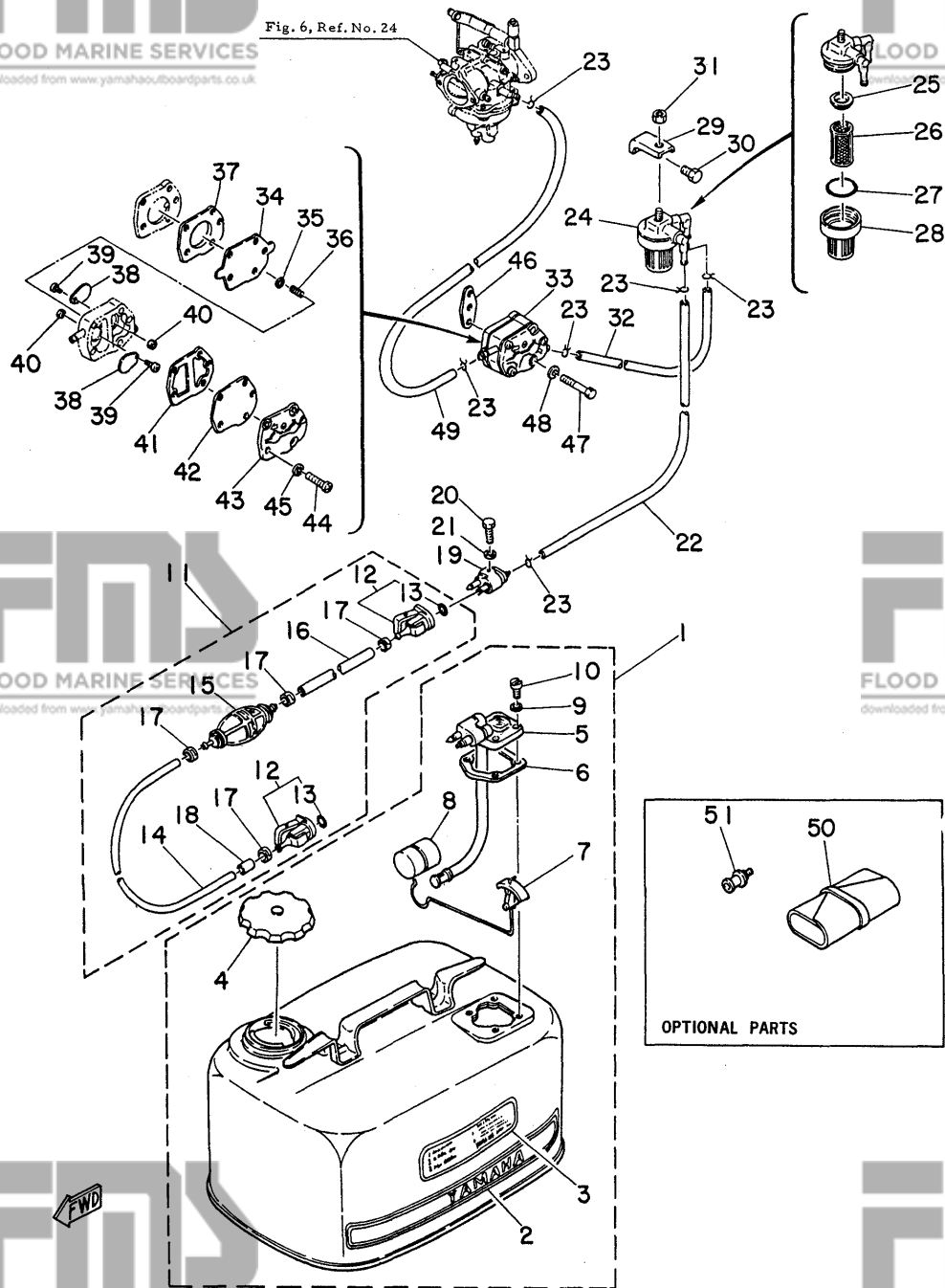
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	656-42511-01-F6	BRACKET, steering	1	41	689-43616-00	ROD, tilt lock 1	1
2	90105-06M07	BOLT	4	42	648-43642-00	LEVER, tilt 2	1
3	90480-29045	GROMMET	1	43	90249-06M10	PIN	1
4	689-43311-01-F6	BRACKET, swivel	1	44	648-43617-00	ROD, tilt lock 2	1
5	93700-06004	NIPPLE, grease	5	45	93430-05027	CIRCLIP (E-56)	1
6	663-45119-00	CAP, grease nipple	5	46	689-43614-00	PLATE, tilt lock 1	1
7	648-42528-00	PLATE, friction	1	47	648-43615-00	PLATE, tilt lock 2	1
8	689-43373-01	SEAL, rubber	1	48	90240-05046	PIN, with hole	1
9	689-44555-00	MOUNT RUBBER, lower side	2	49	91490-16010	PIN, cotter	1
10	90105-06M18	BOLT	1	50	90506-30055	SPRING, tension	1
11	689-42521-00-94	SHAFT, steering pivot	1	51	648-44508-01-9M	BRACKET COMP. 1	1
12	93608-12063	PIN, dowel B (86-12mm)	2	52	90380-12012	BUSHING, solid	2
13	90209-47016	WASHER	1	53	90380-12012	BUSHING, solid	2
14	90386-47M22	BUSHING	1	54	689-42716-00	SEAL, rubber 1	1
15	90386-38022	BUSHING	1	55	90105-06M08	BOLT	4
16	93210-37160	O-RING (2.56-376)	1	56	689-42718-00	SEAL, rubber 3	1
17	90386-38090	BUSHING	1	57	648-44519-00-94	BRACKET 2	1
18	689-43111-01-F6	BRACKET, clamp 1	1	58	93606-12019	PIN, dowel B (66-12mm)	1
19	689-43112-01-F6	BRACKET, clamp 2	1	59	97395-06018	BOLT	1
20	616-43118-00-F6	HANDLE, transom clamp	2	60	92990-06600	WASHER	1
21	90243-04001	PIN	2	61	689-44516-00	MOUNT RUBBER, upper front	1
22	90149-14030	SCREW	2	62	97395-06020	BOLT	2
23	648-43114-01	PAD, transom clamp	2	63	92990-06600	WASHER	2
24	689-43131-00	BOLT, clamp bracket	1	64	92880-10200	NUT	2
25	90201-22428	WASHER (22.56-376-0.5mm)	2	65	92990-10200	WASHER	1
26	90185-22043	NUT, self-locking	1	66	648-44591-00	GASKET, mount rubber 1	3
27	663-43145-00	CAP, clamp bracket	2	67	664-44514-00-94	MOUNT RUBBER, upper side	2
28	689-43191-00	SHAFT, stopper	1	68	92990-10200	WASHER	2
29	689-43192-00	KNOB, stopper	1	69	92880-10200	NUT	2
30	91690-30016	PIN, spring	1	70	92890-10700	NUT, crown	2
31	90101-08339	BOLT	1	71	664-44591-00	GASKET, mount rubber 1	2
32	90387-09074	COLLAR (9.26-13.86-103mm)	1	72	689-44551-00-F6	HOUSING, lower mount rubber 1	1
33	92990-08600	WASHER	1	73	689-44552-00-F6	HOUSING, lower mount rubber 2	1
34	95380-08600	NUT	1	74	97395-08065	BOLT	2
35	682-43160-01	TILT ROD ASS'Y	1	75	97395-08100	BOLT	2
36	656-43165-01	STOPPER PLATE	1	76	92990-08600	WASHER	4
37	91690-30008	PIN, spring	1	77	95380-08600	NUT	4
38	689-43631-00	LEVER, tilt 1	1	78	689-44557-00	MOUNT RUBBER, lower front	1
39	689-43633-00	COVER, tilt lever 1	1	79	689-44553-00-94	COVER, lower mount	1
40	689-43643-00	SPRING, torsion	1	80	92990-08600	WASHER	2
				81	97375-08025	BOLT	2



GER, shift cam 1
NG, compression 1

Fig. 12 FUEL SECTION '81

Fig. 6, Ref. No. 24



OPTIONAL PARTS

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	664-24202-80-24	FUEL TANK ASS'Y	1	26	655-24563-00	ELEMENT, filter	1
2	663-24244-00	GRAPHIC, side	2	27	93210-37M25	O-RING (26-34.5φ)	1
3	663-24245-80	GRAPHIC	1	28	655-24521-00	CUP, filter	1
4	802-24610-00	CAP ASS'Y	1	29	648-24566-01	BRACKET, filter	1
5	656-24275-03	FUEL METER COMP.	1	30	97313-06012	BOLT	1
6	663-24268-00	GASKET, fuel meter housing	1	31	95303-08600	NUT	1
7	656-24241-03	INDICATOR	1	32	664-24311-00	HOSE (5φ-9φ-110mm)	1
8	663-24264-00	FLOAT	1	33	6A0-24410-00	FUEL PUMP ASS'Y	1
9	630-24329-00	SEAL	4	34	648-24411-00	DIAPHRAGM, pump	1
10	98380-05018	SCREW, cylinderhead	4	35	648-24424-00	PLATE, spring guide	1
11	663-24310-61	FUEL PIPE ASS'Y	1	36	648-24423-00	SPRING, pump diaphragm	1
12	655-24305-01	FUEL PIPE JOINT COMP. 2	2	37	648-24434-00	GASKET, body 1	1
13	93210-08287	O-RING (3.0φ-8.0φ)	2	38	6A0-24421-00	VALVE, check	2
* 14	90445-12M04	HOSE (6φ-11.5φ-1900mm)	1	39	98501-03006	SCREW, panhead	2
15	650-24360-01	PRIMARY PUMP ASS'Y	1	40	98813-03100	NUT	2
* 16	90445-12155	HOSE (6φ-11.5φ-1000mm)	1	41	648-24435-02	GASKET, body 2	1
17	650-24351-00	BAND, fuel pipe	4	42	663-24411-00	DIAPHRAGM, pump	1
18	663-24397-00	COLLAR	4	43	648-24413-01	COVER, pump	1
19	655-24304-01	FUEL PIPE JOINT COMP. 1	1	44	98503-05028	SCREW, panhead	3
20	97313-06020	BOLT	1	45	92990-05100	WASHER	3
21	92903-06600	WASHER	1	46	650-24431-00	GASKET, fuel pump	1
22	90445-09M25	HOSE (5φ-9φ-410mm)	1	47	97313-06040	BOLT	2
23	90467-08004	CLIP	6	48	92903-06600	WASHER	2
24	655-24560-00	FILTER ASS'Y	1	49	648-24312-01	HOSE (6φ-10φ-150mm)	1
25	655-24564-00	PACKING, filter	1	50	670-28100-60	TOOL ASS'Y	1
				51	626-28193-01-94	PLUG, water check 1	1

■ Contents of power head gasket kit (Parts No. 695-W0001-00)
 + Also available in 30m rolls (Parts No. 90890-56878)

FUEL SECTION '81

Fig. 13 ELECTRIC MOTOR (20CE MODEL) '81

Ref.No.	Parts No.	Description	Q'ty
1	689-81800-11	ELECTRIC MOTOR ASS'Y	1
2	689-81857-11	PINTON STOPPER SET	15
3	689-81807-11	PINTON ASS'Y (11T)	1
4	689-81830-11	FRONT COVER ASS'Y	1
5	689-81844-11	O-RING	2
6	689-81809-11	WASHER KIT	15
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	97375-08030	BOLT	2
21	92903-08600	WASHER	2

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

2-30	95303-06600	NUT	1
2-32	656-15772-00-94	STAY 2	1
2-33	97313-06025	BOLT	2
6-11	97313-06035	BOLT	1

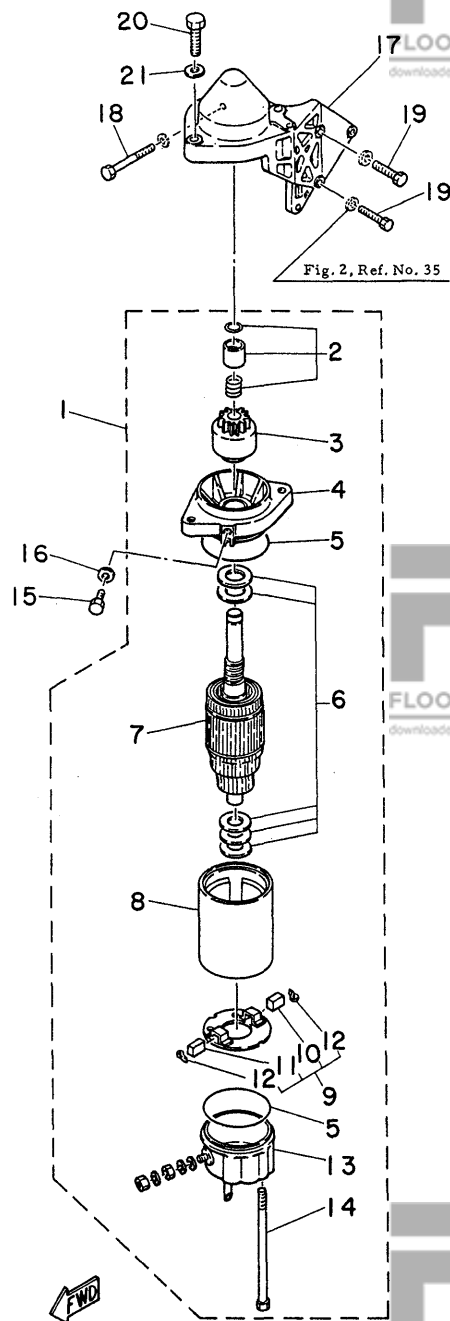
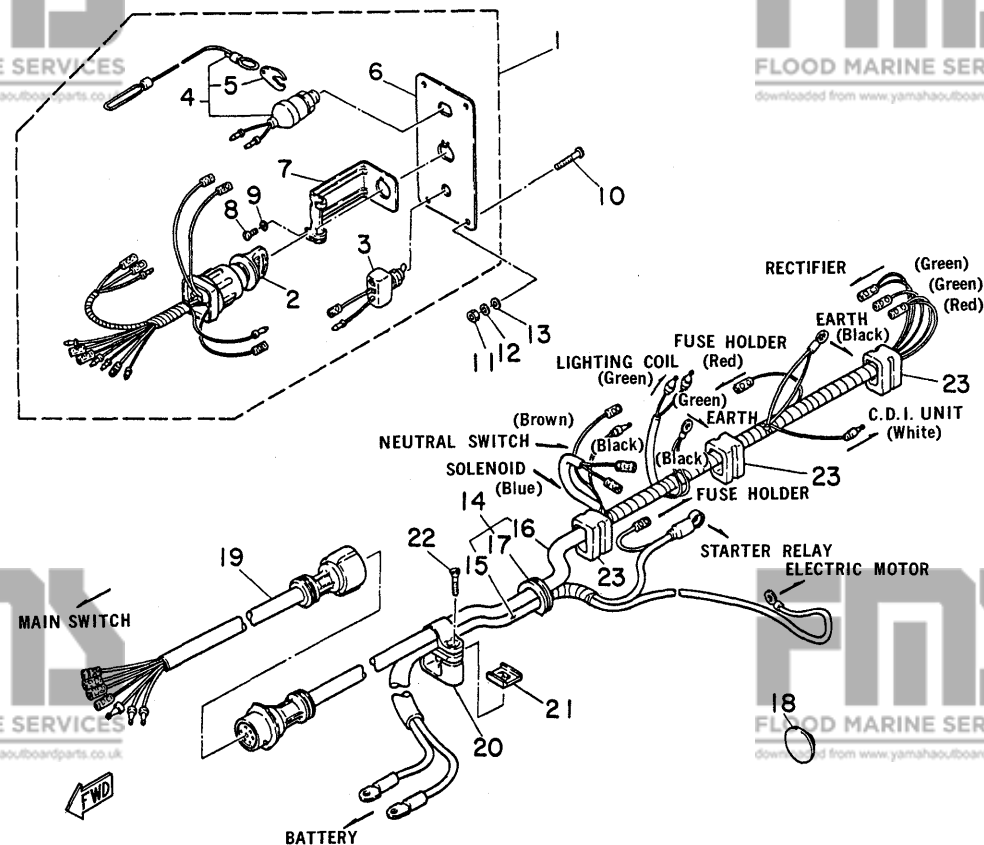


Fig. 14 SWITCH PANEL (20CE MODEL) '81

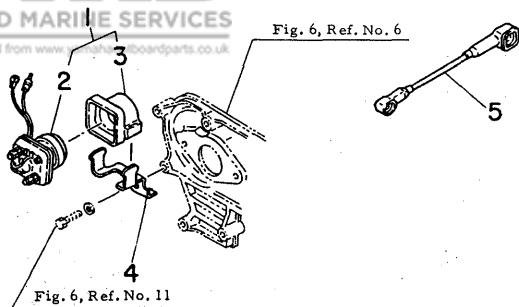
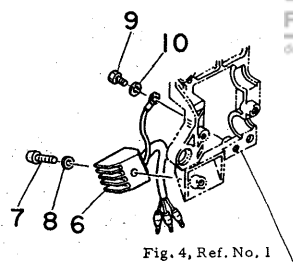
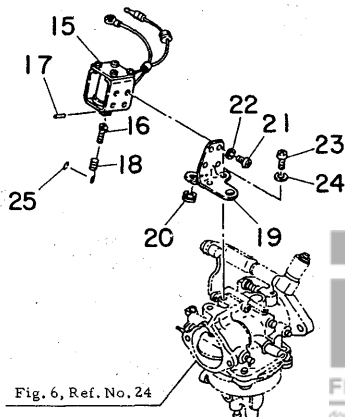
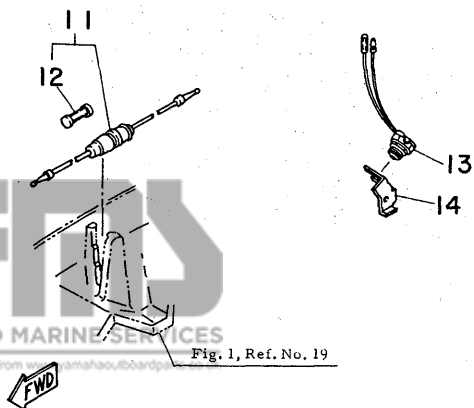


Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-82570-10	SWITCH PANEL ASS'Y	1	13	92903-05600	WASHER	4
2	688-82508-10	MAIN SWITCH ASS'Y	1	14	695-82580-11	WIRE HARNESS ASS'Y	1
3	688-82574-00	SWITCH, choke	1	15	695-82105-11	WIRE LEAD ASS'Y	1
4	688-82575-00	KILL SWITCH ASS'Y	1	16	689-82590-10	WIRE HARNESS ASS'Y	1
5	663-82556-70	STOPPER	1	17	689-42724-50	GROMMET	1
6	689-82571-00	PANEL, switch	1	18	90480-17165	GROMMET	1
7	663-82581-01	STAY, cord clamp	1	19	688-82586-20	EXTENSION, wire harness (5m)	1
8	98303-04008	SCREW, cylinderhead	1	20	676-82594-10	CLAMP	1
9	92901-04100	WASHER	1	21	682-42525-00	PLATE, friction 1	1
10	98903-05025	SCREW, bind	4	22	90161-06M00	SCREW, flathead tapping	1
11	95303-05600	NUT	4	23	90480-17M08	GROMMET	3
12	92903-05100	WASHER	4				

The following parts are not used when using the 20CE model.

1-34	682-84381-00	2P CONCENT 1	1	1-36	689-82575-01	KILL SWITCH ASS'Y	1
				1-37	663-82556-70	STOPPER	1

Fig. 15 ELECTRIC PARTS (20CE MODEL)-'81

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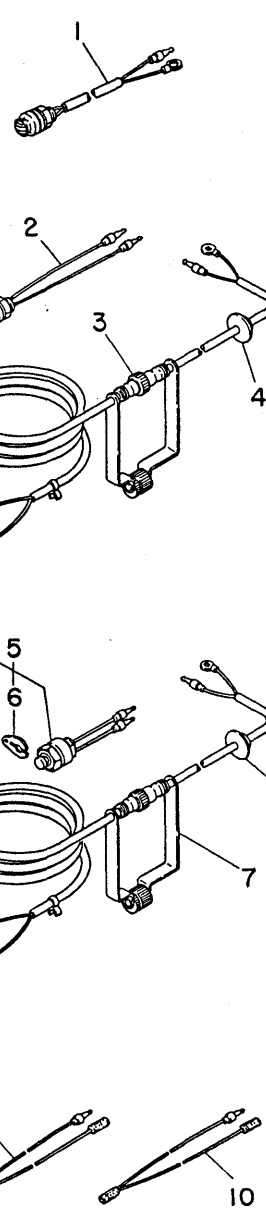
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-81940-11	STATER RELAY ASS'Y	1	14	656-15774-41	STAY 4	1
2	682-81941-11	STATER RELAY	1	15	689-86111-00	COIL, solenoid	1
3	689-81952-10	HOLDER, starter relay	1	16	676-86117-00	HOOK, wire pull	1
4	695-81945-00	PLATE, switch fitting	1	17	91690-30010	PIN, spring	1
5	695-82531-01	WIRE, lead	1	18	664-86116-00	WIRE, pull	1
6	664-81970-60	RECTIFIER ASS'Y	1	19	689-86112-01	STAY, solenoid	1
7	97803-05025	SCREW, panhead	1	20	90480-10155	GROMMET	1
8	92903-05600	WASHER	1	21	98503-04005	SCREW, panhead	4
9	97313-06012	BOLT	1	22	92903-04200	WASHER	4
10	92903-06100	WASHER	1	23	97803-05012	SCREW, panhead	2
11	682-82150-10	FUSE HOLDER ASS'Y	1	24	92903-05600	WASHER	2
12	663-82151-00	FUSE (12V-20A)	1	25	93210-03261	O-RING (1.24-2.86)	1
13	689-82540-00	NEUTRAL SWITCH ASS'Y	1				

The following parts are not used when using the 20CE model.

1-35	689-42725-00	GROMMET 2	1	2-43	689-15774-00	STAY 4	1
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Fig. 16 OPTIONAL PARTS I
(ELECTRIC PARTS)-'81FLOOD MARINE SERVICES
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Ref.No.	Parts No.	Description	Q'ty
1	689-82550-01	STOP SWITCH ASS'Y	1
The following parts are not used when using the stop switch ass'y.			
1-36	689-82575-01	KILL SWITCH ASS'Y	1
1-37	663-82556-70	STOPPER	1
STOP SWITCH (5m)			
2	689-82550-11	STOP SWITCH ASS'Y	1
3	689-82553-20	EXTENSION, wire lead (5m)	1
4	689-82725-40	GROMMET	1
The following parts are not used when using the stop switch (5m).			
1-36	689-82575-01	KILL SWITCH ASS'Y	1
1-37	663-82556-70	STOPPER	1
KILL SWITCH (5m)			
5	689-82575-11	KILL SWITCH ASS'Y	1
6	663-82556-70	STOPPER	1
7	689-82553-20	EXTENSION, wire lead (5m)	1
8	689-82725-40	GROMMET	1
The following parts are not used when using the kill switch (5m).			
1-36	689-82575-01	KILL SWITCH ASS'Y	1
1-37	663-82556-70	STOPPER	1
LEAD WIRE			
9	699-82149-A0	WIRE, lead (Gray)	U.R.
10	699-82149-00	WIRE, lead (Orange)	

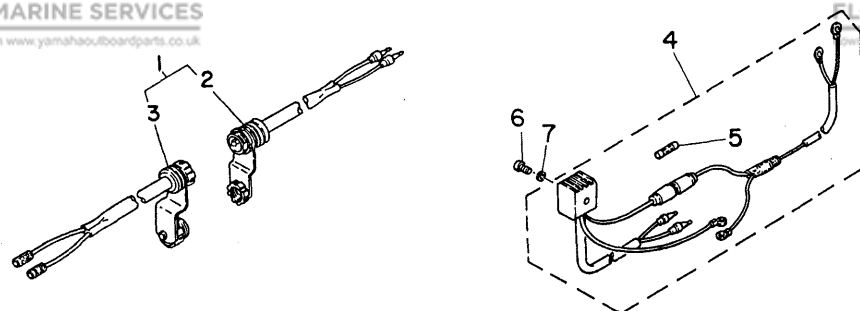
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Fig. 17 OPTIONAL PARTS 2
(ELECTRIC PARTS)-'81

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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
VOLTAGE REGULATOR			
8	663-81910-10	VOLTAGE REGULATOR ASS'Y	1
EXTENSION WIRE			
9	689-82553-10	EXTENSION, wire lead (2m) (For Stop Switch)	1
10	688-82586-10	EXTENSION, wire harness (2m) (For 7P Concent)	1
STEERING GUIDE ATTACHMENT			
11	689-61350-00	STEERING GUIDE ATTACHMENT (Single)	1
12	689-61351-00	ROD, steering link	1
13	90201-10M20	WASHER (9.76-16d-1.5mm)	1
14	90185-09M01	NUT, self-locking	2
15	90101-06M66	BOLT	1
16	90387-10M35	COLLAR	1
17	90170-09M03	NUT	1
18	90201-10M63	WASHER	1

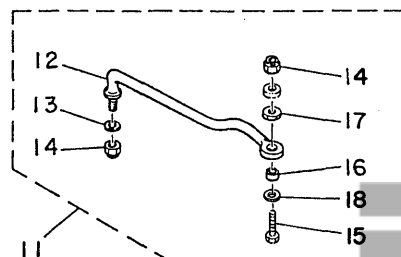
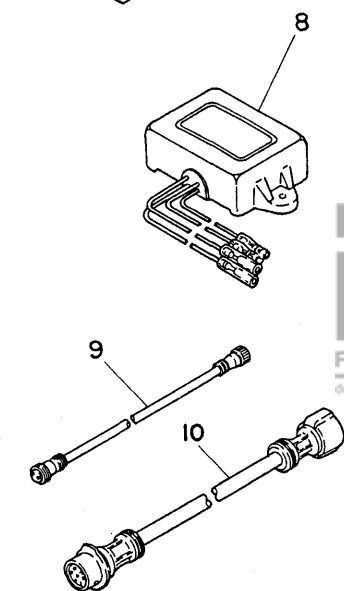
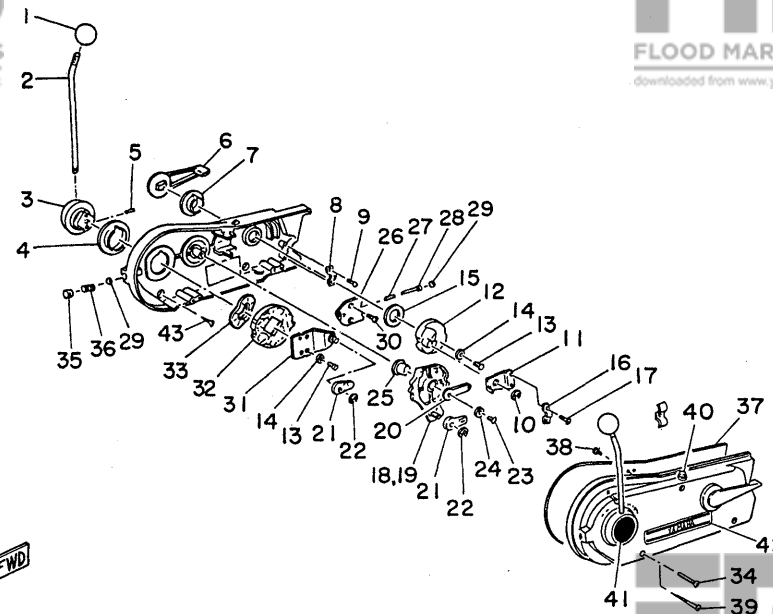


Fig. 18 REMOTE CONTROL ASS'Y-'81

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Ref.No.	Parts No.	Description	Q'ty Single Twin	Ref.No.	Parts No.	Description	Q'ty Single Twin
1	701-48110-11	REMOTE CONTROL ASS'Y 1 (See Fig. 19, Ref. No. 1)	1 -	21	701-48345-30	CABLE END, remote control	2 - 4
2	701-48110-21	REMOTE CONTROL ASS'Y 2 (See Fig. 19, Ref. No. 2)	- 1	22	93430-06024	CIRCLIP (E-66)	2 - 4
3	701-48118-10	GRIP, shift lever	1 2	23	90140-05008	SCREW	1 2
4	701-48137-10	LEVER, control	1 2	24	92990-05300	WASHER, tooth	1 2
5	701-48114-10	BOSS, control lever	1 2	25	701-48165-10	BUSHING	1 2
6	701-48116-10	BUSHING	1 2	26	701-48189-10	RETAINER	1 2
7	701-48127-10	SCREW	1 2	27	701-48159-10	BUSHING 2	1 2
8	701-48152-10	KNOB, free accel.	1 2	28	701-48155-10	PLUNGER	1 2
9	701-48234-10	BUSHING 1	1 2	29	93503-08025	BALL, steel	2 4
10	701-48352-10	ANCHOR, cable	1 2	30	90141-05005	SCREW	2 4
11	90146-05004	SCREW, ovalhead	2 4	31	701-48132-10	LEVER, throttle 2	1 2
12	93430-10025	CIRCLIP (E-10d)	1 2	32	701-48131-10	LEVER, throttle 1	1 2
13	701-48133-10	PLATE, link	1 2	33	701-48196-10	WASHER, wave	1 2
14	701-48153-10	SHIFT	1 2	34	90141-05006	SCREW	3 -
15	90146-06003	SCREW, ovalhead	3 6	35	701-48171-10	BOLT	1 2
16	92990-06300	WASHER, tooth	3 6	36	701-48158-10	SPRING	1 2
17	701-48191-10	WASHER 1	1 2	37	701-48119-10	COVER	1 1
18	701-48352-10	ANCHOR, cable	1 2	38	90140-05009	SCREW	3 -
19	90146-05004	SCREW, ovalhead	2 4	39	90130-05003	SCREW	3 -
20	701-48148-10	LEVER, shift	- 1	40	701-82550-51	STOP SWITCH ASS'Y	1 2
	701-48136-10	LEVER, shift	1 1	41	701-48125-51	MARK 1	1 1
	701-48147-10	PLATE, lock	1 2	42	701-48126-51	MARK 2	1 1
				43	90130-05002	SCREW	3 3

* Not shown

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Fig. 19 REMOTE CONTROL-'81

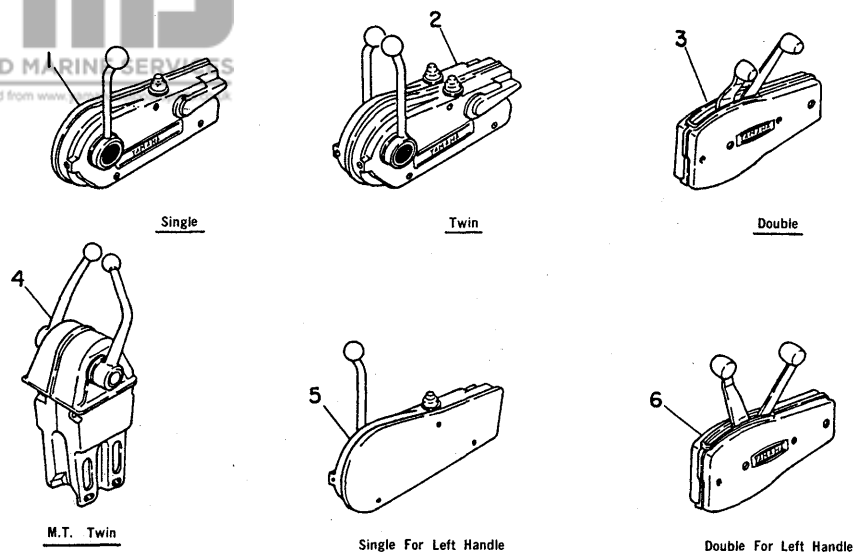
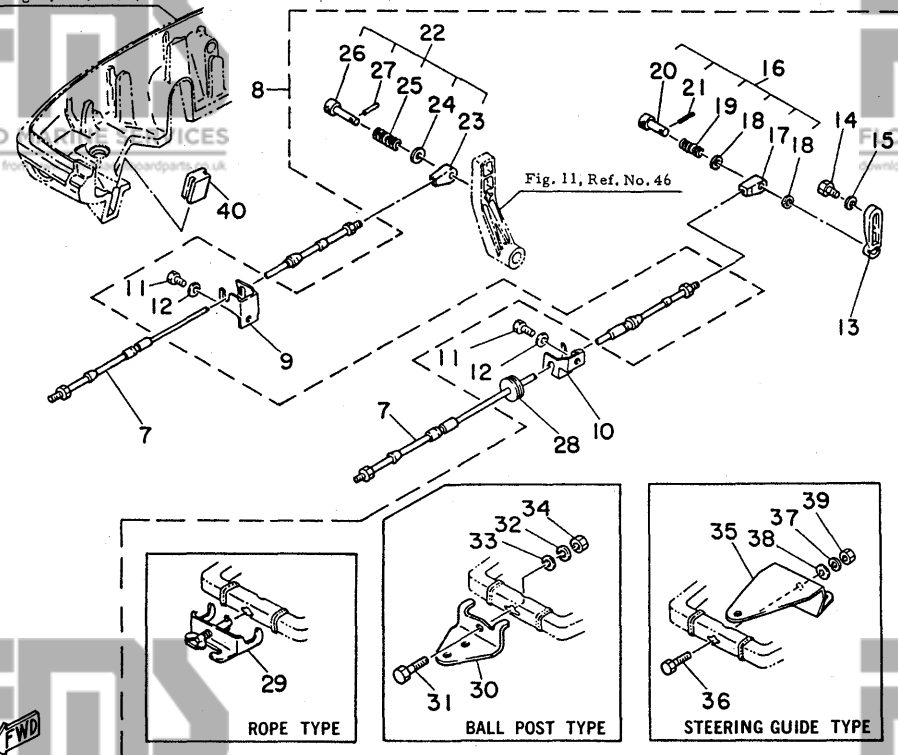


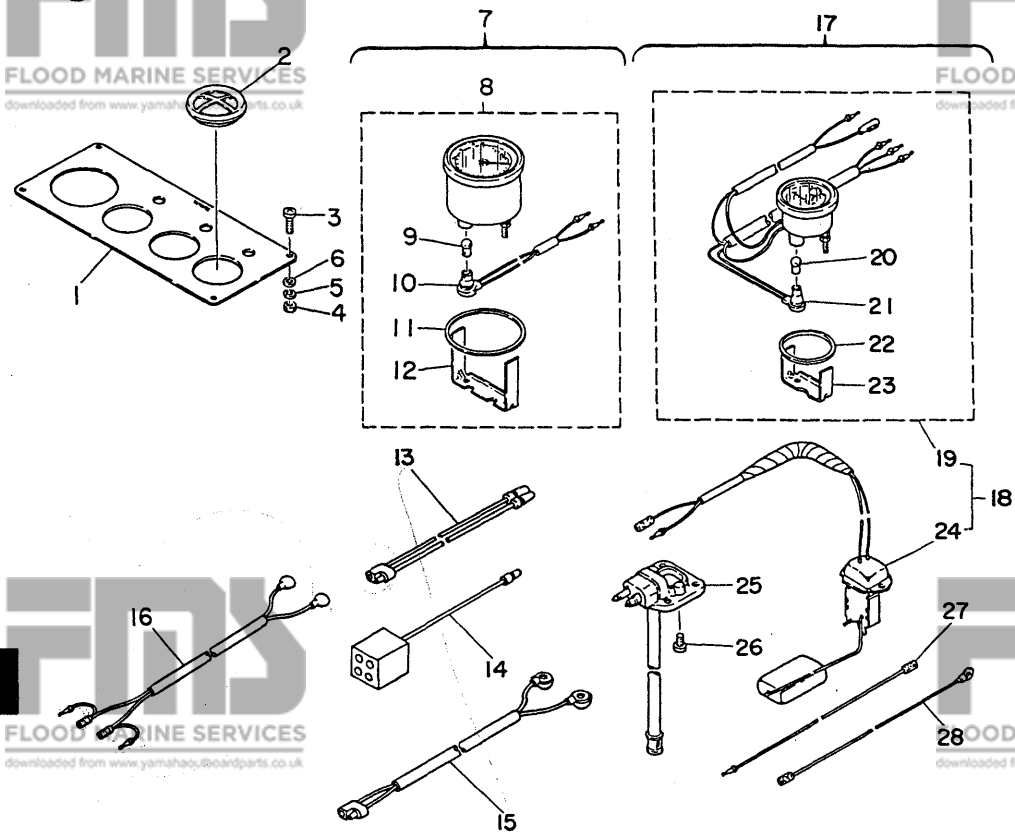
Fig. 1, Ref. No. 19



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
▲ 1	701-48110-11	REMOTE CONTROL ASS'Y 1	U.R.	15	92990-06600	WASHER	1
▲ 2	701-48110-21	REMOTE CONTROL ASS'Y 2		16	679-48340-90	CABLE END ASS'Y (Throttle)	1
3	701-48110-31	REMOTE CONTROL ASS'Y 3		17	679-48346-90	CABLE END, remote control	1
4	701-48110-80	REMOTE CONTROL ASS'Y 8		18	92990-08200	WASHER	2
5	701-48120-11	REMOTE CONTROL ASS'Y 1		19	90501-10264	SPRING, compression	1
6	701-48120-31	REMOTE CONTROL ASS'Y 3	U.R.	20	617-48361-90	HOOK, cable	1
7	701-48310-40	CABLE, remote control 8F		21	91690-30012	PIN, spring	1
	701-48310-60	CABLE, remote control 9F		22	648-48330-50	CABLE END ASS'Y (Shift)	1
	701-48310-90	CABLE, remote control 11F		23	648-48346-50	CABLE END, remote control	1
	701-48320-00	CABLE, remote control 12F		24	92990-08200	WASHER	1
	701-48320-20	CABLE, remote control 13F	U.R.	25	90501-10071	SPRING, compression	1
	701-48320-30	CABLE, remote control 14F		26	617-48331-90	HOOK, cable 1	1
	701-48320-50	CABLE, remote control 15F		27	91690-30012	PIN, spring	1
	701-48320-60	CABLE, remote control 16F		28	90480-22039	GROMMET	1
	701-48320-80	CABLE, remote control 17F				ROPE TYPE	
	701-48320-90	CABLE, remote control 18F		29	700-48510-12	STEERING HOOK ASS'Y	1
		REMOTE CONTROL ATTACHMENT				BALL POST TYPE	
8	648-48501-00-F6	ATTACHMENT ASS'Y (Rope Type) (Ref. No. 9 to 29)	1	30	676-48511-10	HOOK, steering	1
	648-48501-10-F6	ATTACHMENT ASS'Y (Ball Post Type) (Ref. No. 9 to 28, 30 to 34)	1	31	97375-10040	BOLT	1
	648-48501-20-F6	ATTACHMENT ASS'Y (Steering Guide Type) (Ref. No. 9 to 28, 35 to 39)	1	32	92990-10100	WASHER	1
9	648-48531-50	BRACKET, remote control 1	1	33	92990-10600	WASHER	1
10	648-48532-50	BRACKET, remote control 2	1	34	95380-10600	NUT	1
11	97310-06016	BOLT	2			STEERING GUIDE TYPE	
12	92990-06600	WASHER	2	35	689-48511-00	HOOK, steering	1
13	648-48534-50-F6	THROTTLE LEVER, control	1	36	97375-10040	BOLT	1
14	97390-06012	BOLT	1	37	92990-10100	WASHER	1
				38	92990-10600	WASHER	1
				39	95380-10600	NUT	1
						OPTIONAL PARTS	
				40	676-42724-40	GROMMET 1 (Without Manual Steering Type)	1

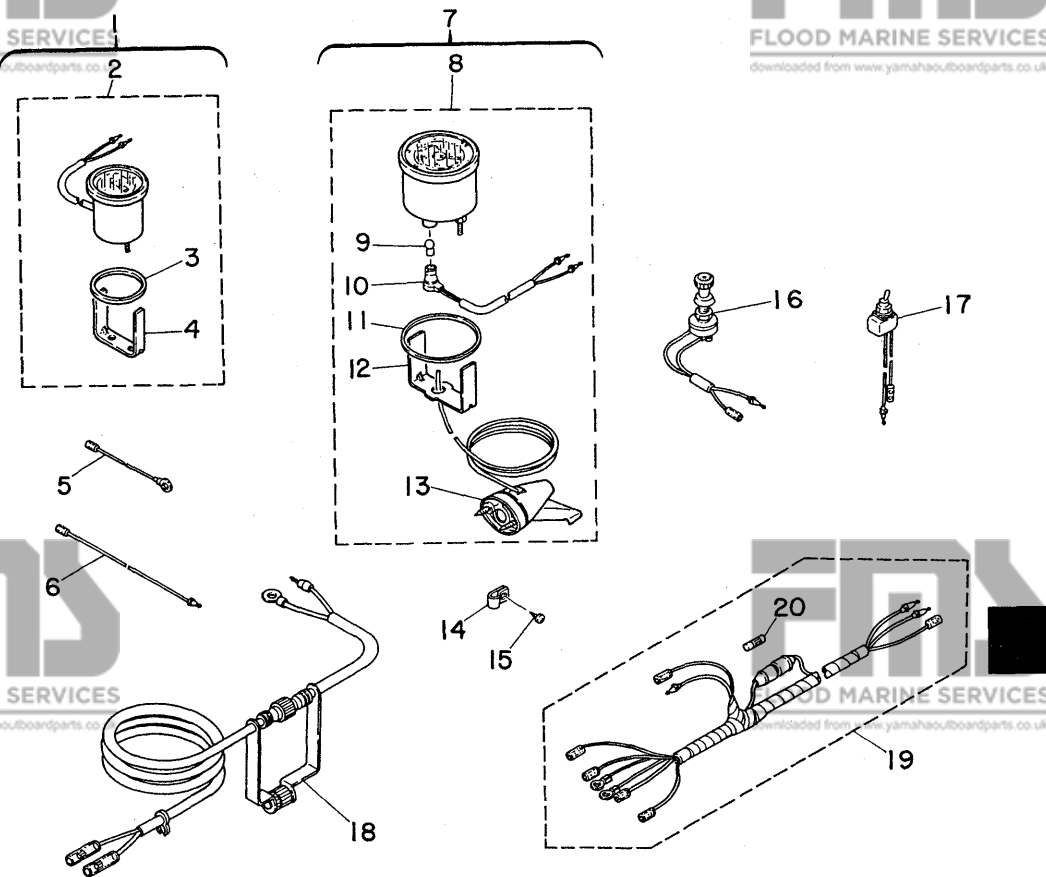
▲ See Fig. 18 for detail service parts

Fig. 20 ACCESSORY PARTS 1-'81



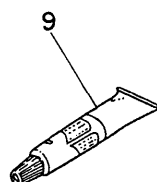
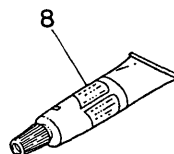
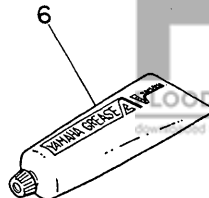
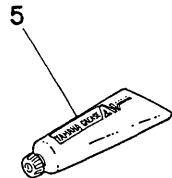
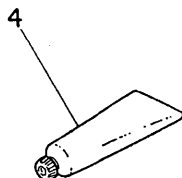
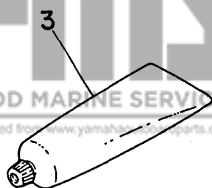
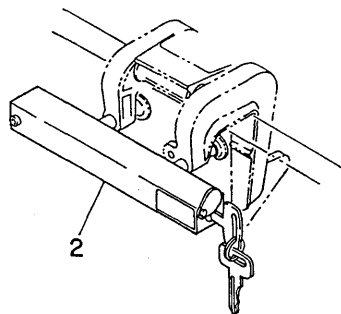
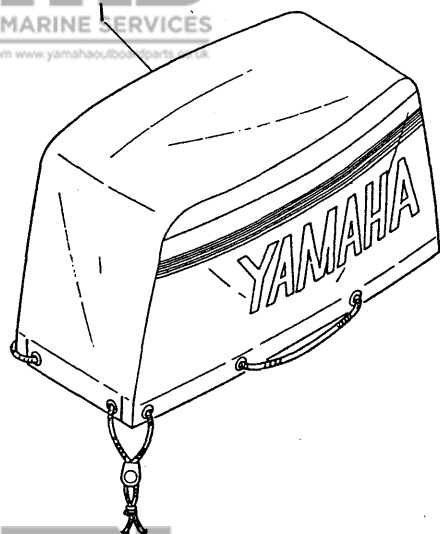
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-83611-00	PANEL, meter	1	16	689-83553-20	WIRE, lead	1
2	688-83559-00	COVER, meter	U.R.	17	688-W0088-20	FUEL METER KIT	15
3	98903-05025	SCREW, bind	4	18	688-85750-00	FUEL METER ASS'Y	1
4	95303-05600	NUT	4	19	688-85751-00	FUEL GAUGE	1
5	92903-05100	WASHER	4	20	688-83516-00	BULB (12V-1.7W)	1
6	92903-05600	WASHER	4	21	688-83536-00	SOCKET, meter	1
7	676-W0080-01	TACHOMETER KIT	15	22	688-83664-00	DAMPER	1
8	688-83540-00	TACHOMETER ASS'Y	1	23	688-85756-00	PLATE, fitting	1
9	688-83516-00	BULB (12V-1.7W)	1	24	688-85752-00	FUEL SENDER	1
10	688-83536-00	SOCKET, meter	1	25	663-24275-00	FUEL METER COMP.	1
11	688-83577-00	DAMPER	1	26	98503-05010	SCREW, panhead	2
12	688-83544-00	PLATE, fitting	1	27	663-83553-Y0	WIRE, lead (Yellow)	1
13	663-82541-09	WIRE, lead	1	28	663-83553-A0	WIRE, lead	1
14	676-82553-G0	WIRE, lead	1				
15	676-82529-G0	CONNECTOR	1				

Fig. 21 ACCESSORY PARTS 2-'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-W0088-30	HOUR METER KIT	15	11	688-83577-00	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 tapping	5
6	663-83553-Y0	WIRE, (Yellow)	1	16	688-82520-00	LAMP SWITCH ASS'Y	U.R.
7	688-W0081-00	SPEEDOMETER KIT	15	17	688-82526-00	SWITCH, lamp	
8	688-83510-00	SPEEDOMETER ASS'Y	1	18	689-82553-20	WIRE, lead	1
9	688-83516-00	BULB (12V-1.7W)	1	19	689-83553-10	WIRE, lead	1
10	688-83536-00	SOCKET, meter	1	20	1E6-82151-00	FUSE (12V-10A)	1

Fig. 22 ACCESSORY PARTS 3-'81



Ref.No.	Parts No.	Description	Q'ty
1	90890-56875	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)	