

40H (6H4)

40H

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Fig. 1 CRANKCASE & CYLINDER

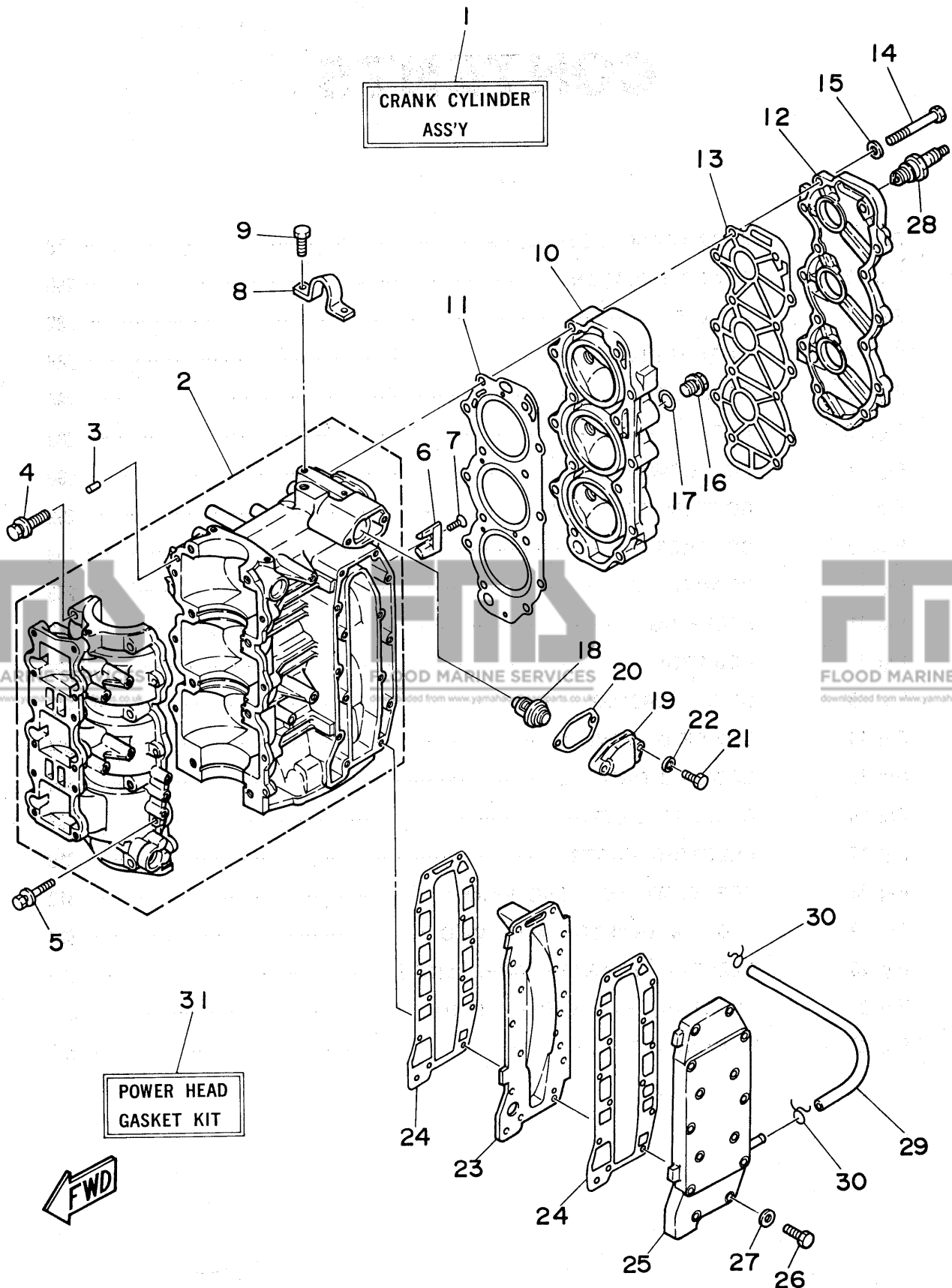


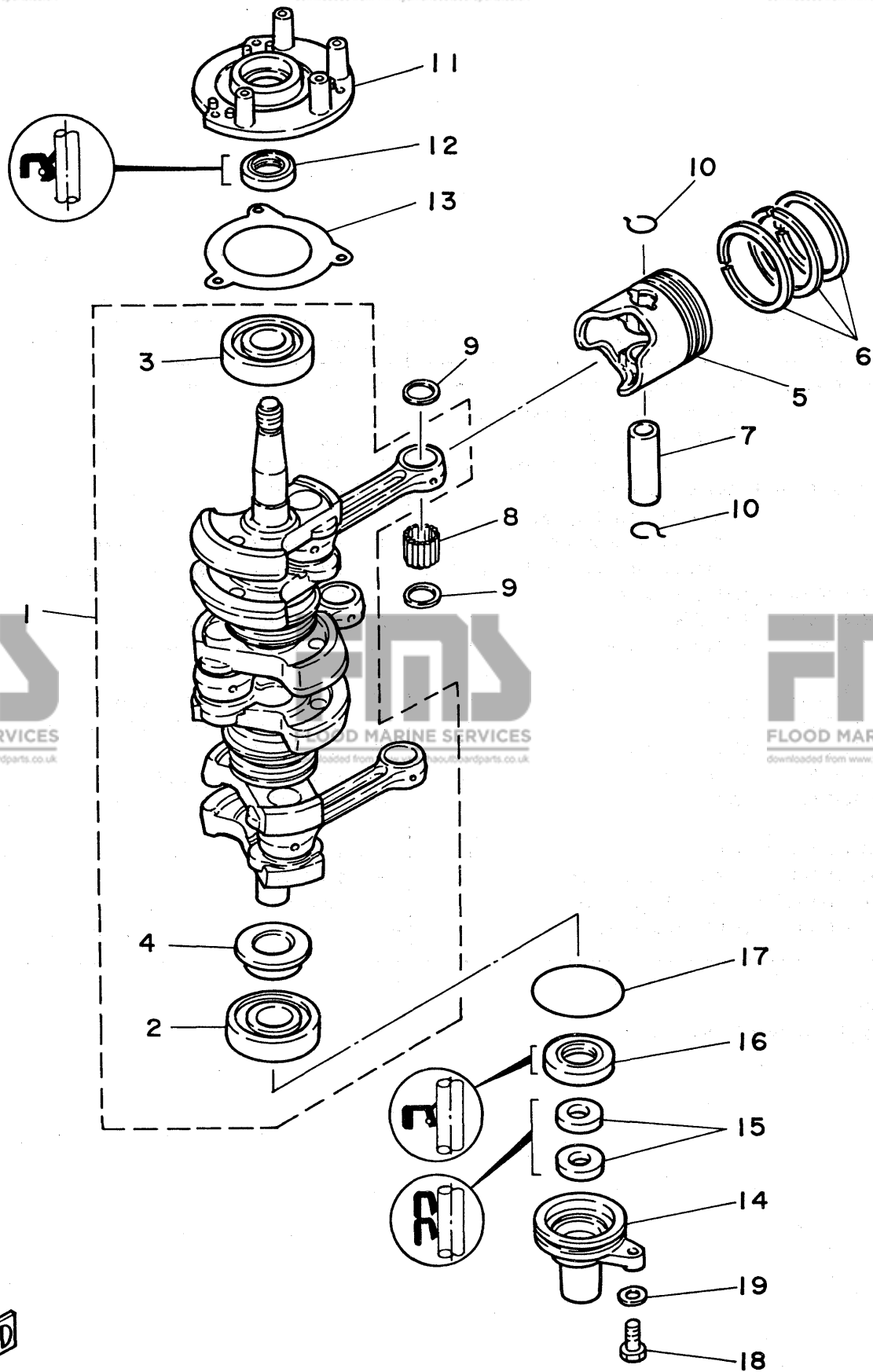
Fig. 1 CRANKCASE & CYLINDER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-W0090-00-EJ	CRANK CYLINDER ASS'Y (With S.T.D. Plug Spark) (Ref. No. 2 to 30 and Fig. 2, Ref. No. 1 to 19)	1 U.R.	14	97313-08065	BOLT	14
※	6H4-W0090-50-EJ	CRANK CYLINDER ASS'Y (With Resistor Plug Spark) (Ref. No. 2 to 30 and Fig. 2, Ref. No. 1 to 19)	1 U.R.	15	92903-06600	WASHER	14
2	6H4-15100-00-94	CRANKCASE ASS'Y	1	16	90340-14M00	PLUG, straight screw	1
3	93606-12019	PIN, dowel	2	17	90430-14115	GASKET	1
4	90119-08M19	BOLT, with washer	8	18	688-12411-00	THERMOSTAT	1
5	90119-06M13	BOLT, with washer	6	19	6H4-12413-00-9M	COVER, thermostat	1
6	688-11325-00	ANODE	2	20	6H4-12414-00	GASKET, thermostat	1
7	98680-04016	SCREW, flathead	2	21	97313-06025	BOLT	2
8	6H4-11119-00	HANGER, engine	1	22	92903-06600	WASHER	2
9	97313-06014	BOLT	2	23	6H4-41111-00-9M	INNER COVER, exhaust	1
10	6H4-11111-00-94	HEAD, cylinder	1	24	6H4-41114-00	GASKET, exhaust cover	2
11	6H4-11181-00	GASKET, cylinder head	1	25	6H4-41113-00-9M	OUTER COVER, exhaust	1
12	6H4-11191-00-9M	COVER, cylinder head	1	26	97395-06035	BOLT	14
13	6H4-11193-00	GASKET, head cover	1	27	92990-06600	WASHER	14
				28	94701-00217	PLUG, spark (B7HS 10) NGK	3 U.R.
				※	94702-00271	PLUG, spark (BR7HS 10) NGK	3 U.R.
				29	90445-09M37	HOSE 2	1
				30	90467-08004	CLIP	2
				■31	6H4-W0001-00	POWER HEAD GASKET KIT	1

※Not shown

■See Fig. 22 for detail service parts.

Fig. 2 CRANK & PISTON



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Fig. 2 CRANK & PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-11400-00	CRANK ASS'Y	1	9	6H4-11641-00	WASHER, piston pin	6
2	93306-30510	. BEARING	1	10	6H4-11634-01	CLIP, piston pin	6
3	93306-305U2	. BEARING	1	11	6H4-15359-00-94	HOUSING, oil seal	1
4	6H4-11445-00	. SPACER	1	12	93102-23096	OIL SEAL	1
5	6H4-11631-00-96	PISTON (S.T.D.)	3	13	6H4-15369-00	GASKET, oil seal housing	1
※	6H4-11635-00	PISTON (1st O.S.)	3 A.P.	14	6H4-15396-00-9M	HOUSING, oil seal	1
※	6H4-11636-00	PISTON (2nd O.S.)	3 A.P.	15	93104-16M01	OIL SEAL	2
6	6H4-11610-00	PISTON RING SET (S.T.D.)	3	16	93102-25M04	OIL SEAL	1
※	6H4-11610-10	PISTON RING SET (1st O.S.)	3 A.P.	17	93210-58M21	O-RING	1
※	6H4-11610-20	PISTON RING SET (2nd O.S.)	3 A.P.	18	97313-06020	BOLT	1
7	648-11633-00	PIN, piston	3	19	92990-06600	WASHER	1
8	93602-20M02	PIN, dowel B	93				

※Not shown

Fig. 3 INTAKE

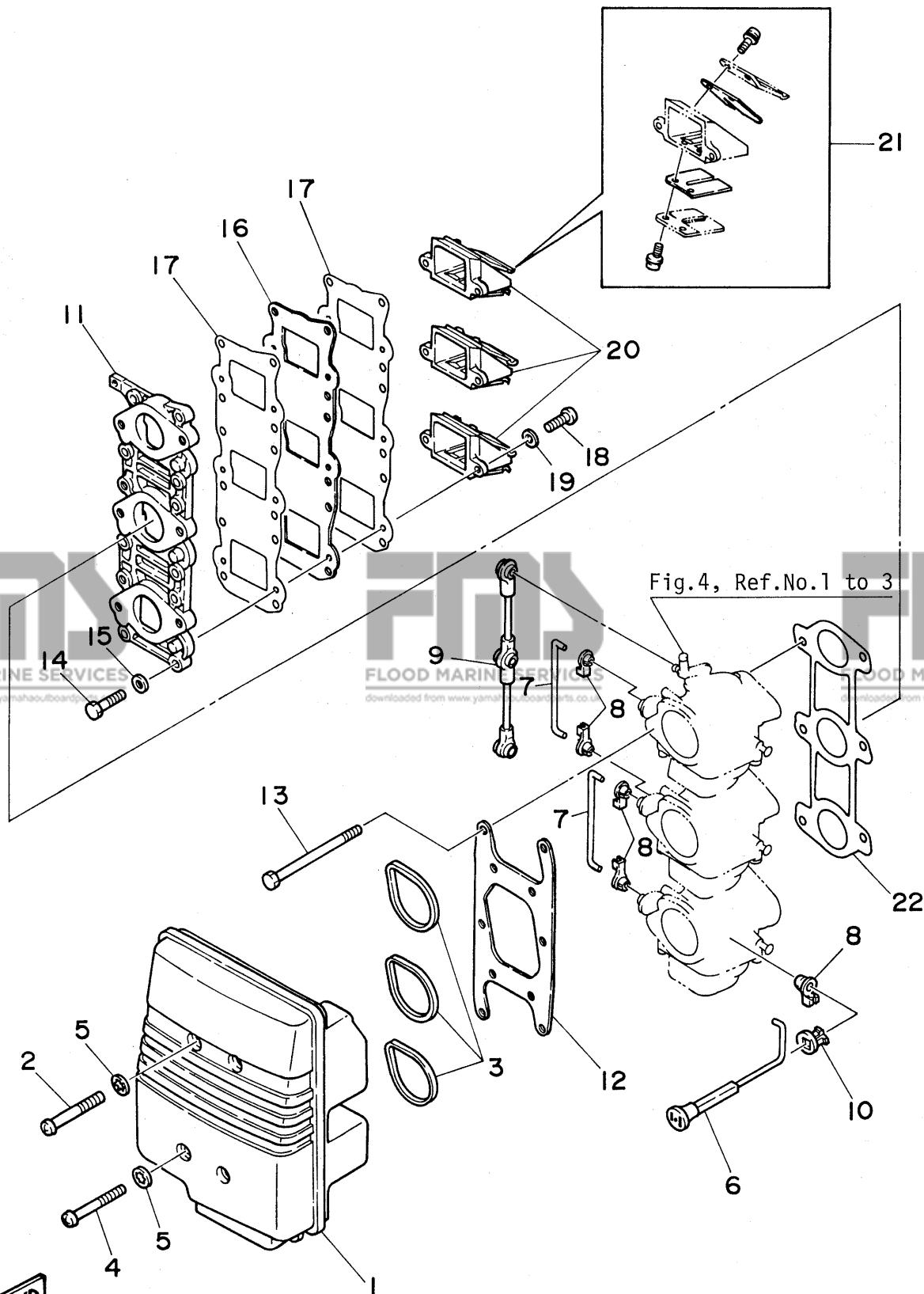


Fig. 4, Ref.No.1 to 3



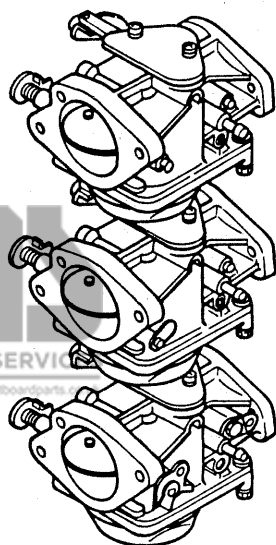
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Fig. 3 INTAKE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-14431-00	SILENCER 1	1	12	6H4-14406-00	HINGE	1
2	97803-06040	SCREW	2	13	97313-06095	BOLT	6
3	6H3-14457-00	SEAL	3	14	97313-06025	BOLT	12
4	97803-06055	SCREW	2	15	92903-06600	WASHER	12
5	92990-06400	WASHER	4	16	6H4-13624-00-94	PLATE, reed valve	1
6	6H4-41271-00	KNOB, choke	1	17	6H4-13621-00	PACKING, valve seat	2
7	6H4-41257-00	ROD, choke link 2	2	18	97803-05014	SCREW, panhead	6
8	661-41262-02	JOINT, choke lever	5	19	92903-05600	WASHER	6
9	6H4-41217-00	ROD, acce1. lever 1	1	20	6H4-13610-00	REED VALVE ASS'Y	3
10	689-41273-00	GROMMET	1	21	6H4-W0004-00	. REED SET	3
11	6H4-13641-01-94	MANIFOLD, intake 1	1	22	6H4-14198-00	GASKET	1

Fig. 4 CARBURETOR



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CARBURETOR
REPAIR SET

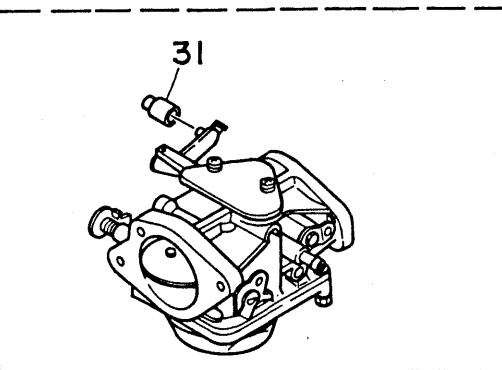
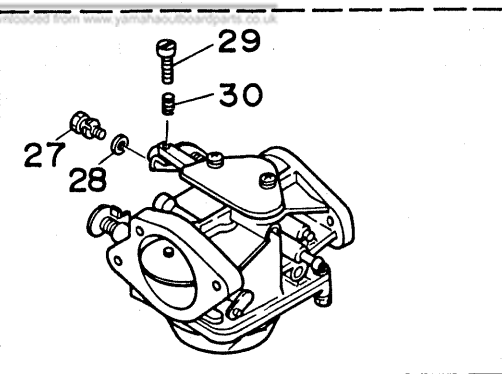
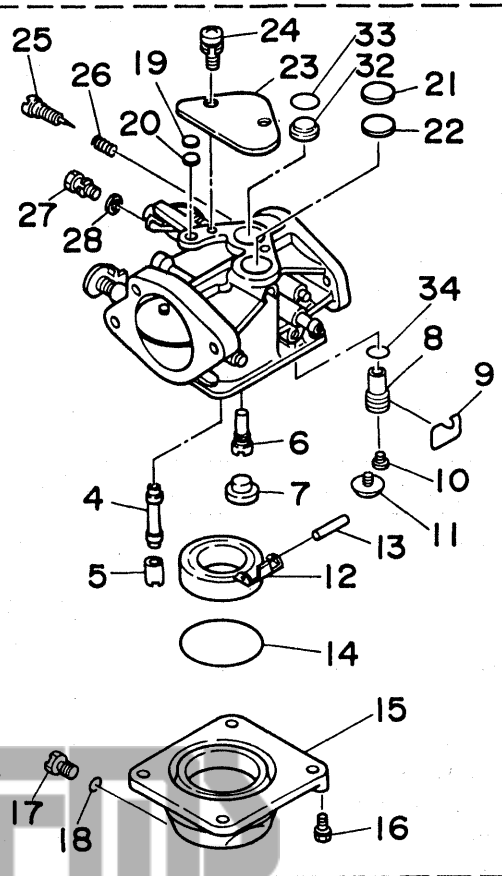


Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-14301-02	CARBURETOR ASS'Y (Upper)	1	18	93210-04230	. O-RING	3
2	6H4-14302-02	CARBURETOR ASS'Y (Center)	1	19	663-14126-00	. PACKING	3
3	6H4-14303-02	CARBURETOR ASS'Y (Lower)	1	20	663-14527-00	. PLATE	3
4	6H4-14947-02	. NOZZLE, main	3	21	688-14126-00	. PACKING	3
5	676-14943-32	. JET, main (#125) (Upper, Lower)	2 U.R.	22	688-14527-00	. PLATE	3
※	676-14943-33	. JET, main (#130)(Center)	1 U.R.	23	6H2-14527-00	. STAY, plate	3
6	6H4-14948-15	. JET, slow (#70)	3	24	90159-05017	. SCREW, with washer	6
7	676-14966-00	. CAP	3	25	692-14923-00	. SCREW, adjusting	3
8	6H3-14590-00	. VALVE SEAT ASS'Y	3	26	679-14555-00	. SPRING, compression	3
9	663-14159-00	. CLIP	3	27	663-14592-00	. SCREW (Upper, Center)	2
10	676-14186-00	. PIN, valve	3	28	90201-05652	. WASHER (Upper, Center)	2
11	98502-04008	. SCREW, panhead	3	29	663-14523-00	. SCREW, stop (Center)	1
12	6G1-14985-00	. FLOAT COMP.	3	30	90501-10326	. SPRING, compression (Center)	1
13	688-14548-00	. PIN, float	3	31	676-14578-00	. COLLAR (Lower)	1
14	6G1-14984-00	. O-RING	3	32	6H3-14578-00	. PLATE	3
15	6H2-14980-00	. BODY, float chamber	3	33	93210-15M52	. O-RING	3
16	90159-04M00	. SCREW, with washer	12	34	92310-04228	. O-RING	3
17	663-14992-00	. SCREW, drain	3	♣35	6H4-W0093-01	CARBURETOR REPAIR SET	1

♣See Fig. 22 for detail service parts.

※Not shown

Fig. 5 STARTER

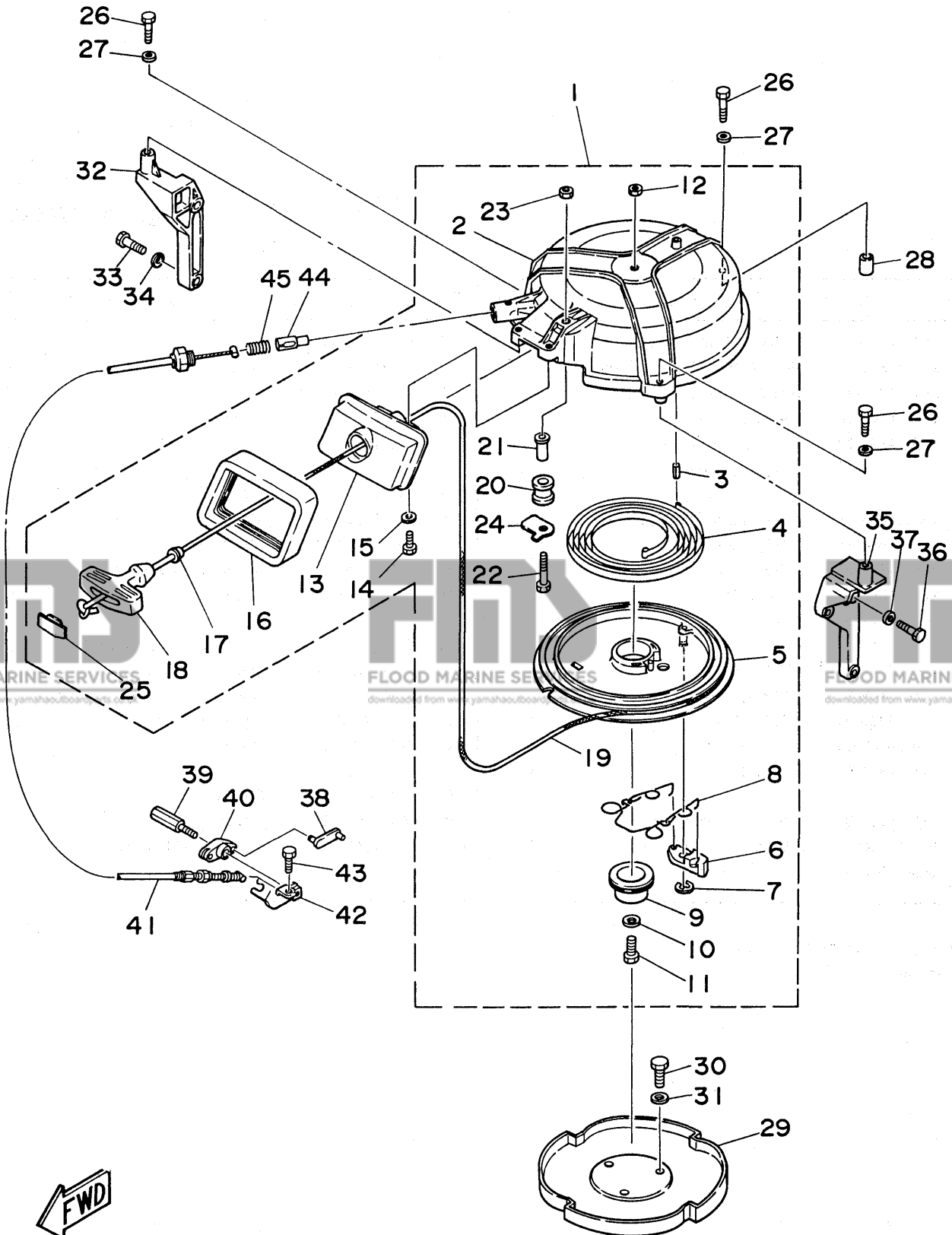


Fig. 5 STARTER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-15710-00-94	STARTER ASS'Y	1	24	6H4-15787-00	. STAY	1
2	6H4-15711-00-94	. CASE, starter	1	25	689-15779-01	. COVER	1
3	91690-40018	. PIN, spring	1	26	97313-06035	BOLT	3
4	90510-08002	. SPRING, spiral	1	27	92903-06600	WASHER	3
5	6H4-15714-00	. DRUM, sheave	1	28	91830-21014	PIN, dowel A	1
6	676-15741-03	. PAWL, drive	1	29	6H4-15723-00-94	PULLEY, starter	1
7	93430-06M02	. CIRCLIP	1	30	97313-08016	BOLT	3
8	6H4-15705-00	. SPRING, pawl drive	1	31	92903-08600	WASHER	3
9	6H4-15717-00	. SHAFT	1	32	6H4-15771-00-94	STAY 1	1
10	90201-06060	. WASHER	1	33	97313-08030	BOLT	2
11	97313-06020	. BOLT	1	34	92903-08600	WASHER	2
12	95303-06600	. NUT	1	35	6H4-15772-00-94	STAY 2	1
13	6H4-15758-00-94	. GUIDE, wire	1	36	97313-06025	BOLT	3
14	97313-06016	. BOLT	2	37	92903-06600	WASHER	3
15	92903-06600	. WASHER	2	38	6H4-15747-00	LINK	1
16	6H4-15762-00	. SEAL 2	1	39	90109-06M14	BOLT	1
17	6A0-15789-00	. DAMPER	1	40	682-15746-00	ARM	1
18	619-15755-01	. HANDLE, starter	1	41	6H4-15770-00	WIRE COMP., starter stop	1
19	*	. WIRE (2095mm)	1	42	6H4-15774-00	STAY 4	1
20	6H4-15752-00	. ROLLER, wire	1	43	97313-06012	BOLT	1
21	90387-06M66	. COLLAR	1	44	656-15748-00	PLUNGER, starter stop	1
22	97313-06035	. BOLT	1	45	90501-10227	SPRING, compression	1
23	95380-06600	. NUT	1				

* Cut from 50m rolls, Parts No. 90890-44373, cutting length 2.095m.

Fig.6 FUEL

Fig.4, Ref.No.1 to 3

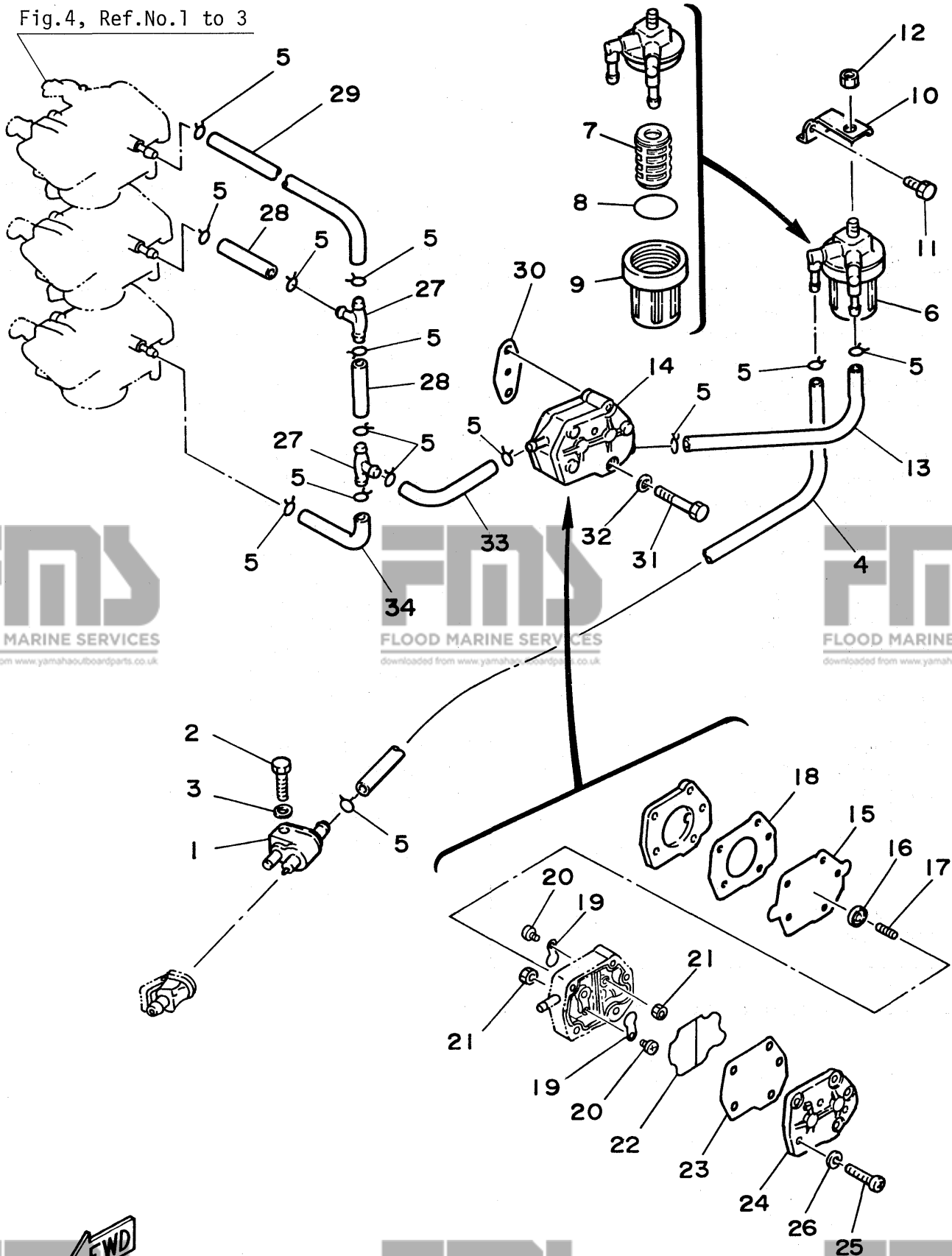


Fig. 6 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6G1-24304-00	FUEL PIPE JOINT COMP. 1	1	18	648-24434-00	. GASKET, body 1	1
2	97313-06025	BOLT	1	19	6A0-24421-01	. VALVE, check	2
3	92903-06600	WASHER	1	20	90147-03M00	. SCREW, panhead	2
4	90445-09M37	HOSE	1	21	98813-03100	. NUT	2
5	90467-08004	CLIP	14	22	6A0-24435-00	. GASKET, body 2	1
6	655-24560-01	FILTER ASS'Y	1	23	663-24411-00	. DIAPHRAGM, pump	1
7	6F5-24563-00	. ELEMENT, filter	1	24	6A0-24413-00	. COVER, pump	1
8	93210-37M25	. O-RING	1	25	98503-05028	. SCREW, panhead	3
9	655-24521-01	. CUP, filter	1	26	92990-05100	. WASHER	3
10	6H4-24566-00	BRACKET, filter	1	27	688-24378-00	PIPE, joint	2
11	97313-06012	BOLT	1	28	90445-09057	HOSE	2
12	95303-08600	NUT	1	29	6H4-24313-00	PIPE 3	1
13	90445-09085	HOSE	1	30	650-24431-00	GASKET, fuel pump	1
14	6A0-24410-01	FUEL PUMP ASS'Y	1	31	97313-06040	BOLT	2
15	648-24411-00	. DIAPHRAGM	1	32	92903-06600	WASHER	2
16	648-24424-00	. PLATE, spring guide	1	33	90445-09063	HOSE 3	1
17	648-24423-00	. SPRING, diaphragm	1	34	6H4-24312-00	PIPE 2	1

Fig. 7 TOP COWLING

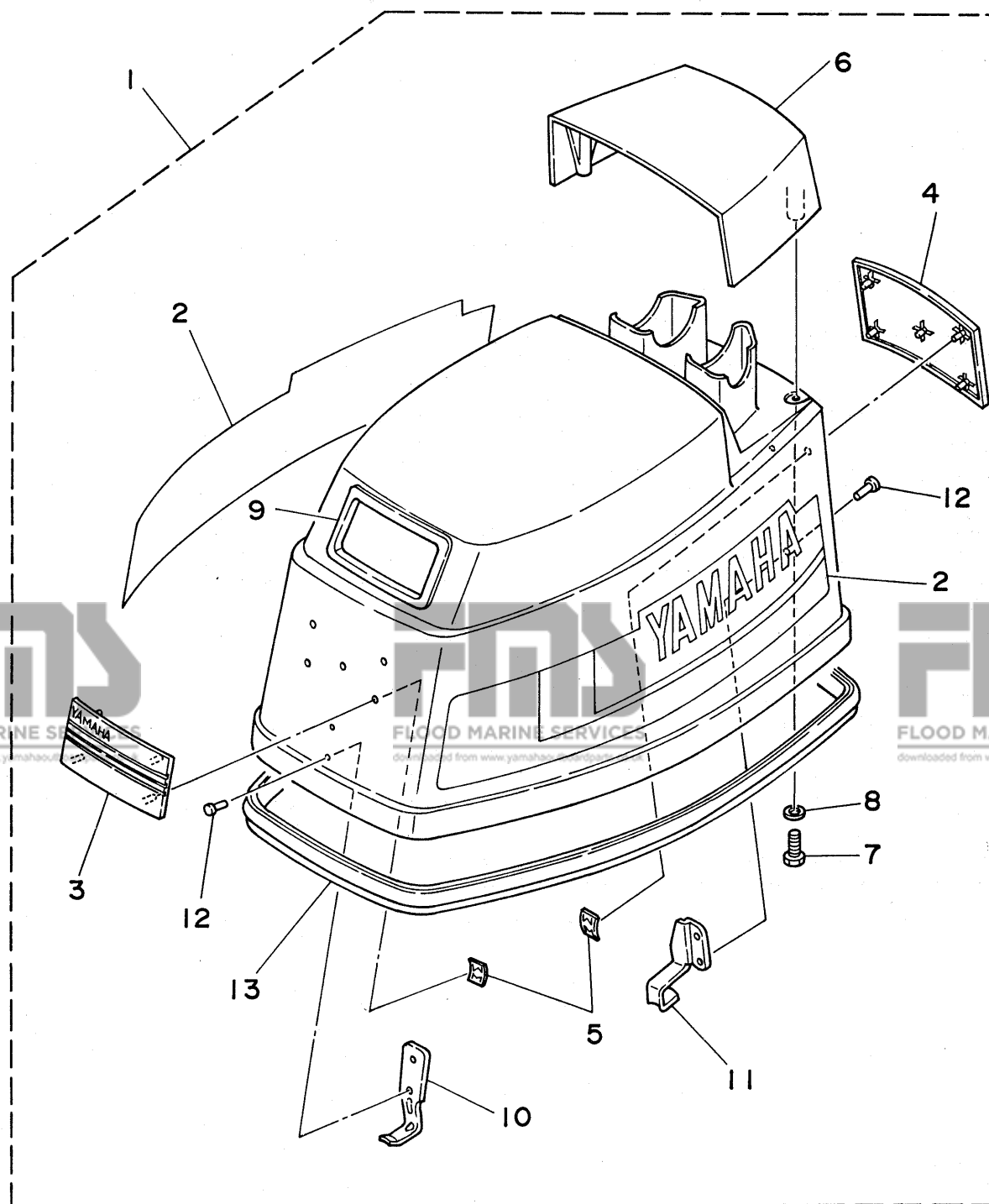


Fig. 7 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-42610-J0-EJ	TOP COWLING ASS'Y	1	8	92903-06600	. WASHER	4
2	6H4-W0070-J0	. GRAPHIC SIDE SET	1	9	6H4-15761-00	. SEAL 1	1
3	6H4-42686-00	. EMBLEM, front	1	10	6H4-42651-00	. HOOK 1	1
4	6H4-42687-00	. EMBLEM, rear	1	11	6H4-42652-00	. HOOK 2	1
5	90183-05M01	. NUT, spring	10	12	90266-04M01	. RIVET	4
6	6H4-42613-00-EJ	. MOLDING, air duct	1	13	6H4-42615-00	. SEAL	1
7	97313-06016	. BOLT	4				

Fig. 8 BOTTOM COWLING

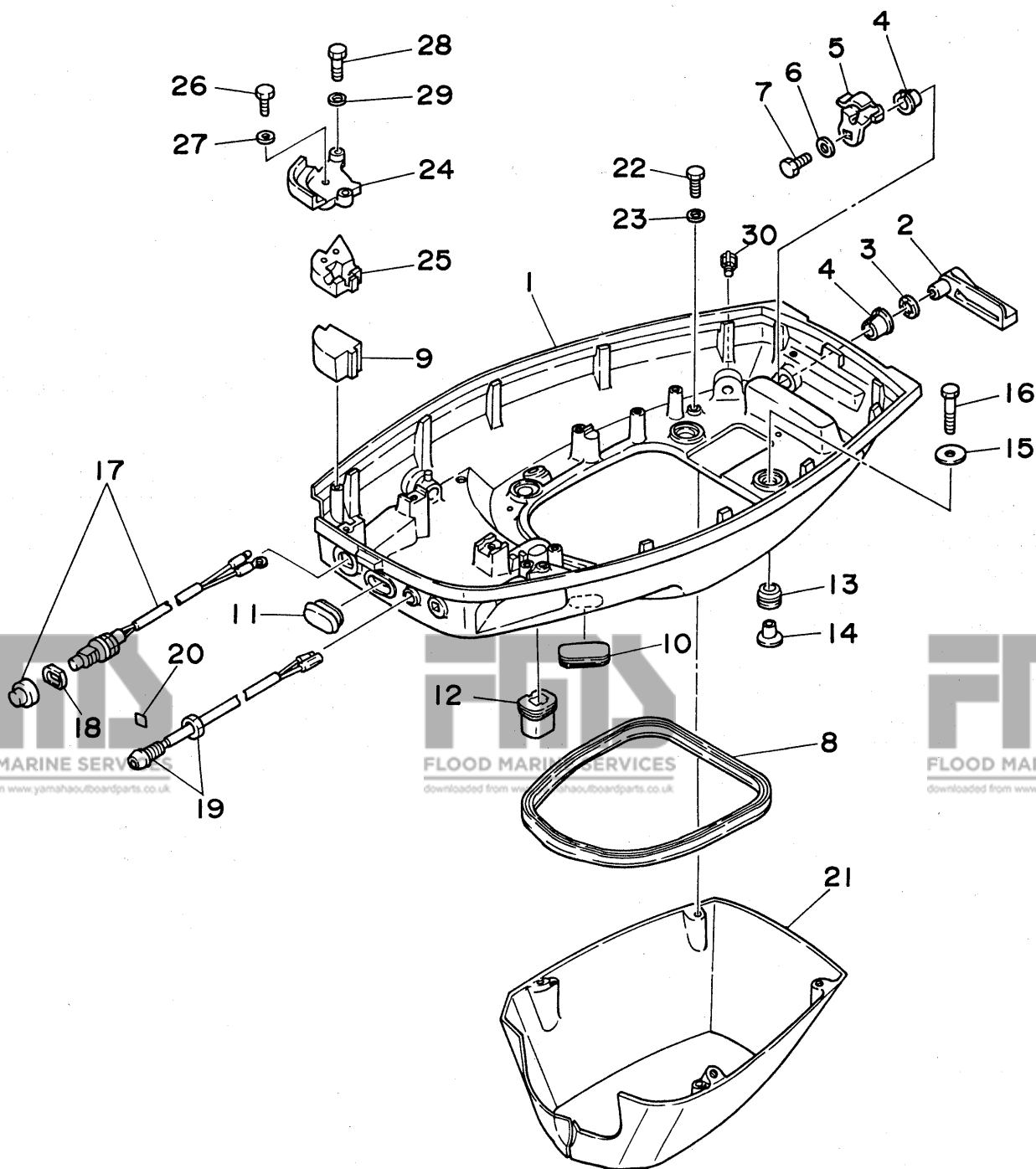


Fig. 8 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-42711-00-EJ	COWLING, bottom	1	16	97313-06030	BOLT	4
2	6H4-42815-00	LEVER, clamp	1	17	689-82550-01	STOP SWITCH ASS'Y	1
3	90206-12052	WASHER	1	18	6H4-82537-00	ATTACHMENT, stop switch	1
4	90386-12069	BUSHING	2	19	6H4-85411-00	OVERHEAT WARNING LAMP	1
5	6H4-42816-00	LEVER, clamp	1	20	6H4-85415-00	MARK	1
6	90201-06068	WASHER	1	21	6H4-42741-20	APRON 1	1
7	97313-06010	BOLT	1	22	97313-06016	BOLT	4
8	6H4-42716-00	SEAL 1	1	23	92903-06600	WASHER	4
9	6H4-42724-00	GROMMET 1	1	24	6H4-48531-00-94	BRACKET, remote control 1	1
10	6H4-42726-00	GROMMET 3	1	25	6H4-48532-00-94	BRACKET, remote control 2	1
11	6H3-42727-00	GROMMET 4	1	26	97313-05016	BOLT	1
12	682-42727-00	GROMMET 4	1	27	92903-05600	WASHER	1
13	90480-09M21	GROMMET	4	28	97313-06020	BOLT	2
14	90387-06M41	COLLAR	4	29	92903-06600	WASHER	2
15	90201-06416	WASHER	4	30	6E5-44391-00	NIPPLE, hose 1	1

Fig. 9 BRACKET 1

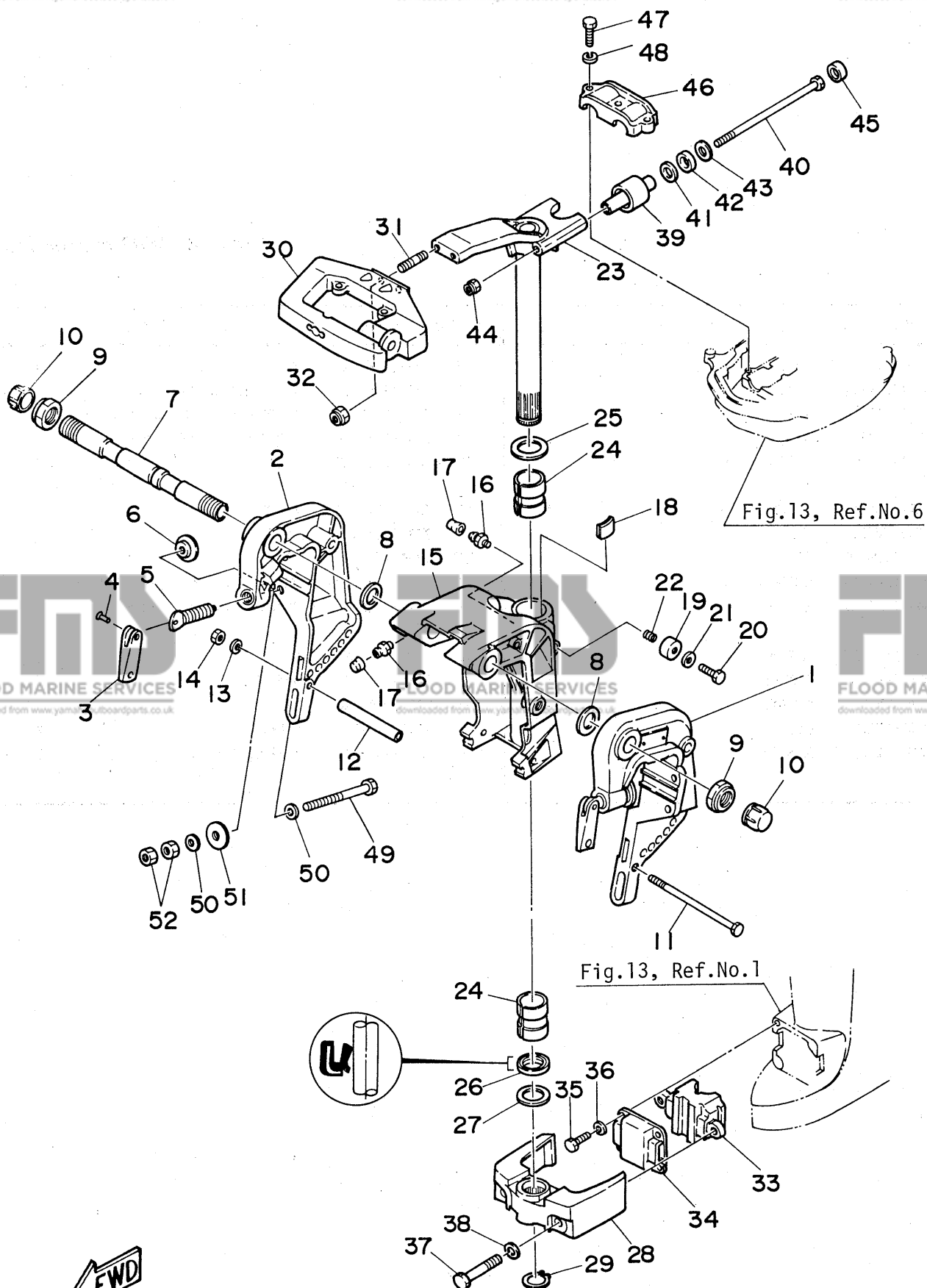


Fig. 9 BRACKET 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-43111-01-EJ	BRACKET, clamp 1	1	29	93410-28M06	CIRCLIP	1
2	6H4-43112-00-EJ	BRACKET, clamp 2	1	30	6H4-42121-00-94	BRACKET	1
3	616-43118-00-EJ	HANDLE, transom clamp	2	31	90116-10175	BOLT, stud	2
4	90243-04001	PIN	2	32	90185-10051	NUT, self-locking	2
5	90149-14030	SCREW	2	33	6H4-44557-00	MOUNT RUBBER, lower front (Short)	1 U.R.
6	648-43114-01	PAD, transom clamp	2	※	6H4-44557-10	MOUNT RUBBER, lower front (Long)	1 U.R.
7	663-43131-00	BOLT, clamp bracket	1	34	6H4-44553-00	COVER, lower mount	1
8	90201-22428	WASHER	2	35	97395-08025	BOLT	4
9	90185-22043	NUT, self-locking	2	36	92990-08600	WASHER	4
10	663-43145-00	CAP, clamp bracket	2	37	97395-10060	BOLT	2
11	90101-08339	BOLT	1	38	92990-10600	WASHER	2
12	90387-09074	COLLAR	1	39	6H4-44514-00	MOUNT RUBBER, upper side	2
13	92990-08600	WASHER	1	40	90101-08M86	BOLT	2
14	95380-08600	NUT	1	41	90201-15423	WASHER	2
15	6H4-43311-00-EJ	BRACKET, swivel	1	42	90202-15M30	WASHER	2
16	93700-06004	NIPPLE, grease	3	43	90201-09425	WASHER	2
17	663-45119-00	CAP, grease nipple	3	44	90185-08045	NUT, self-locking	2
18	6H4-42528-00	PIECE, friction	1	45	663-44533-00	DAMPER, upper mount rubber	2
19	676-43373-00	DAMPER	1	46	6H4-44511-00-EJ	COVER, upper mount rubber	1
20	97375-08030	BOLT	1	47	97375-08035	BOLT	3
21	92990-08600	WASHER	1	48	92990-08100	WASHER	3
22	90501-18M00	SPRING, compression	1	49	90101-10M58	BOLT	4
23	6H4-42510-00-EJ	STEERING BRACKET ASS'Y	1	50	92990-10600	WASHER	8
24	90386-30048	BUSHING	2	51	90201-12426	WASHER	4
25	90201-30420	WASHER	1	52	95380-10600	NUT	8
26	93109-30M03	OIL SEAL	1				
27	90201-31418	WASHER	1				
28	6H4-44551-00-EJ	HOUSING, lower mount	1				

※ Not shown

Fig. 10 BRACKET 2

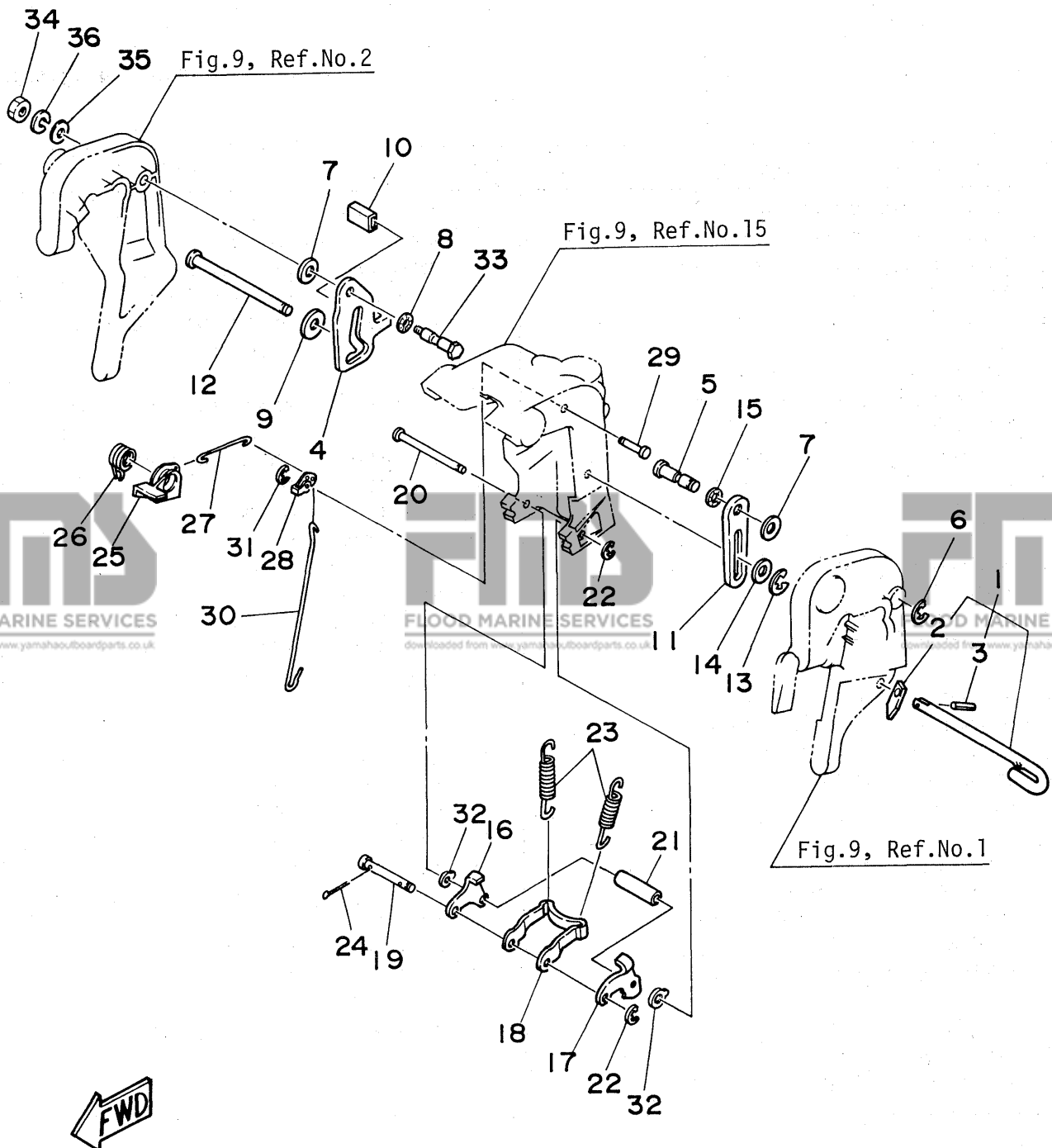


Fig. 10 BRACKET 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-43160-00	TILT ROD ASS'Y	1	19	6H4-43659-00	SHAFT, reverse lock	1
2	676-43165-00	. STOPPER, plate	1	20	6H4-43611-00	SHAFT, tilt lock	1
3	91690-30010	. PIN, spring	1	21	90387-07M64	COLLAR	1
4	6H4-43181-01	LEVER, tilt stop	1	22	93430-06M02	CIRCLIP	2
5	90249-12M14	PIN	1	23	90506-30M18	SPRING, tension	2
6	93430-10M00	CIRCLIP	1	24	91490-20012	PIN, cotter	2
7	90202-12M01	WASHER	2	25	6H4-43631-01	LEVER, tilt 1	1
8	90206-12052	WASHER, wave	1	26	689-43643-00	SPRING, torsion	1
9	90202-12092	WASHER	1	27	6H4-43616-00	ROD, tilt lock 1	1
10	663-43318-00	COVER	1	28	682-43641-00	LEVER, tilt 2	1
11	6H4-43627-00	STOPPER 1	1	29	90249-06117	PIN	1
12	90249-12M17	PIN	1	30	6H4-43617-00	ROD, tilt lock 2	1
13	93430-10M00	CIRCLIP	1	31	93430-05027	CIRCLIP	1
14	90202-12M01	WASHER	1	32	6H4-43674-00	WASHER 2	2
15	90206-12M00	WASHER, wave	1	33	90109-08M24	BOLT	1
16	6H4-43614-00	PLATE, tilt lock 1	1	34	95380-08700	NUT	1
17	6H4-43615-00	PLATE, tilt lock 2	1	35	92990-08200	WASHER	1
18	6H4-43613-00	ARM, tilt lock	1	36	92990-08100	WASHER	1

Fig. 1 | STEERING

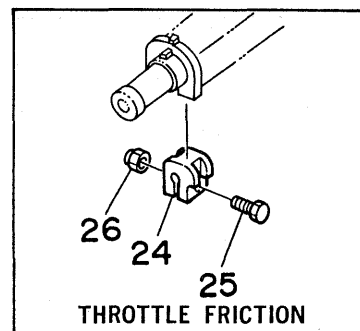
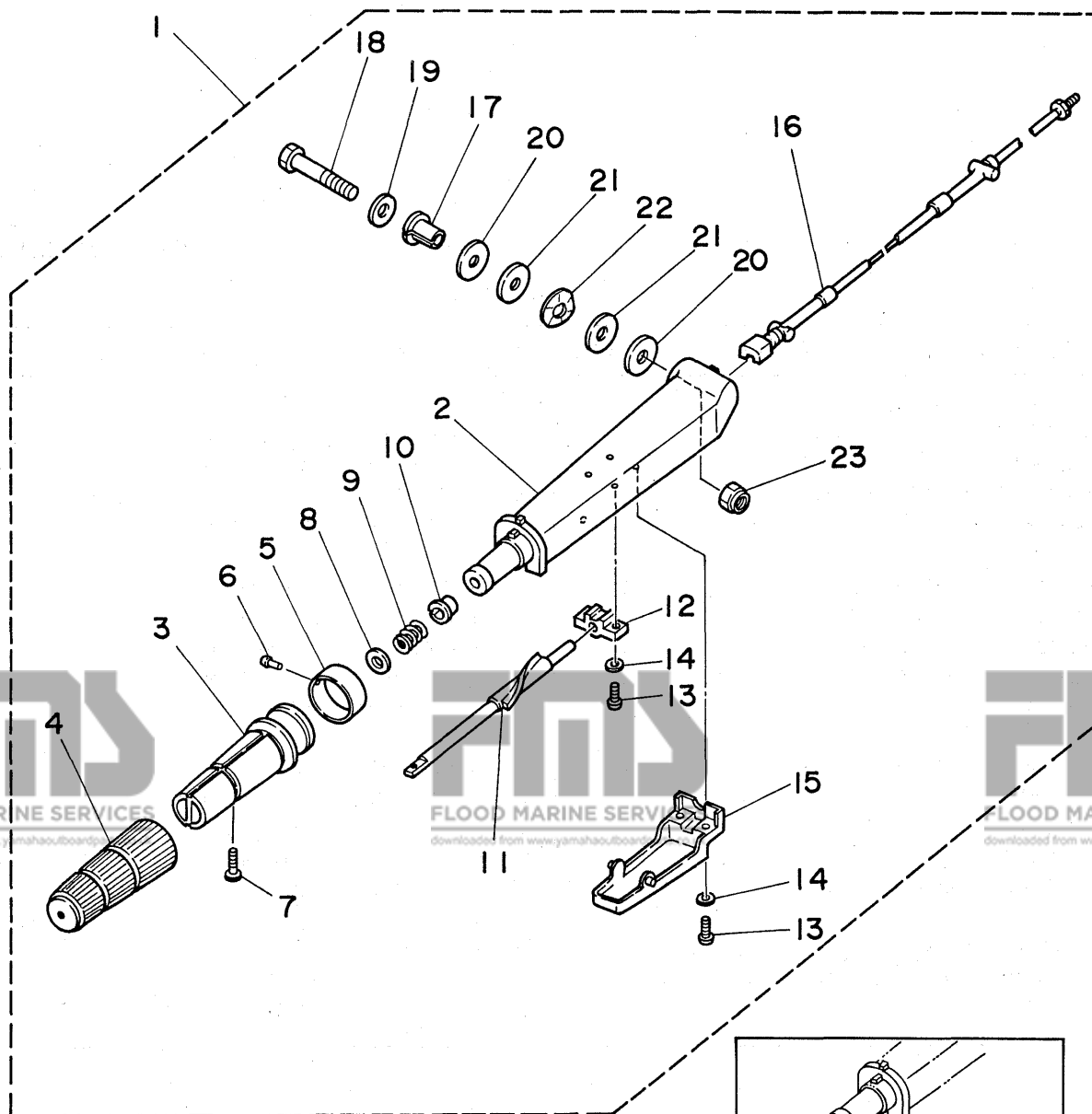


Fig. 11 STEERING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-W0084-01-EJ	HANDLE STEERING ASS'Y	1	15	6H4-42131-00	. COVER, handle steering	1
2	6H4-42111-00-EJ	. HANDLE, steering	1	16	6H4-26311-01	. THROTTLE WIRE COMP. 1	2
3	664-42119-00	. GRIP, steering handle	1	17	90386-12089	. BUSHING	1
4	6G1-42177-00	. HANDLE	1	18	90101-12M37	. BOLT	1
5	6H4-42137-00	. INDICATOR, throttle	1	19	92990-12200	. WASHER	1
6	90269-02001	. RIVET	1	20	90202-12092	. WASHER	2
7	98180-05025	. SCREW, ovalhead	1	21	90201-12537	. WASHER	2
8	92903-10600	. WASHER	1	22	90206-12054	. WASHER	1
9	90501-23215	. SPRING, compression	1	23	90185-12058	. NUT, self-locking	1
10	90386-08032	. BUSHING	1	THROTTLE FRICTION			
11	6H4-42138-01	. LEVER, throttle	1	24	656-42126-01	PIECE, friction	1
12	6H4-42159-00	. STAY	1	25	97395-06020	BOLT	1
13	97880-05016	. SCREW	4	26	90185-06062	NUT, self-locking	1
14	92990-05600	. WASHER	4				

Fig. 12 CONTROL

Fig.16, Ref.No.3
Fig.19, Ref.No.3(40HE MODEL)

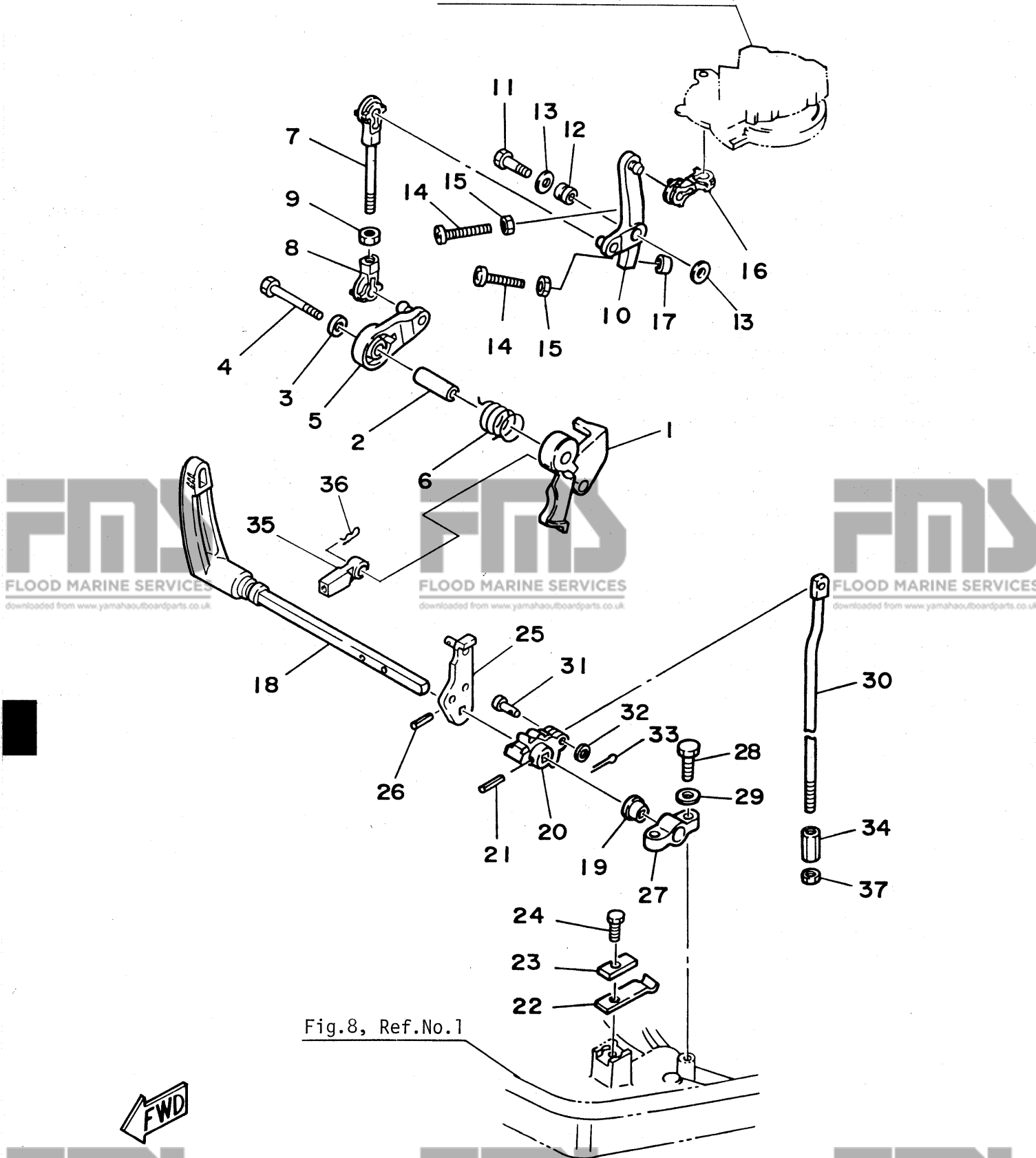
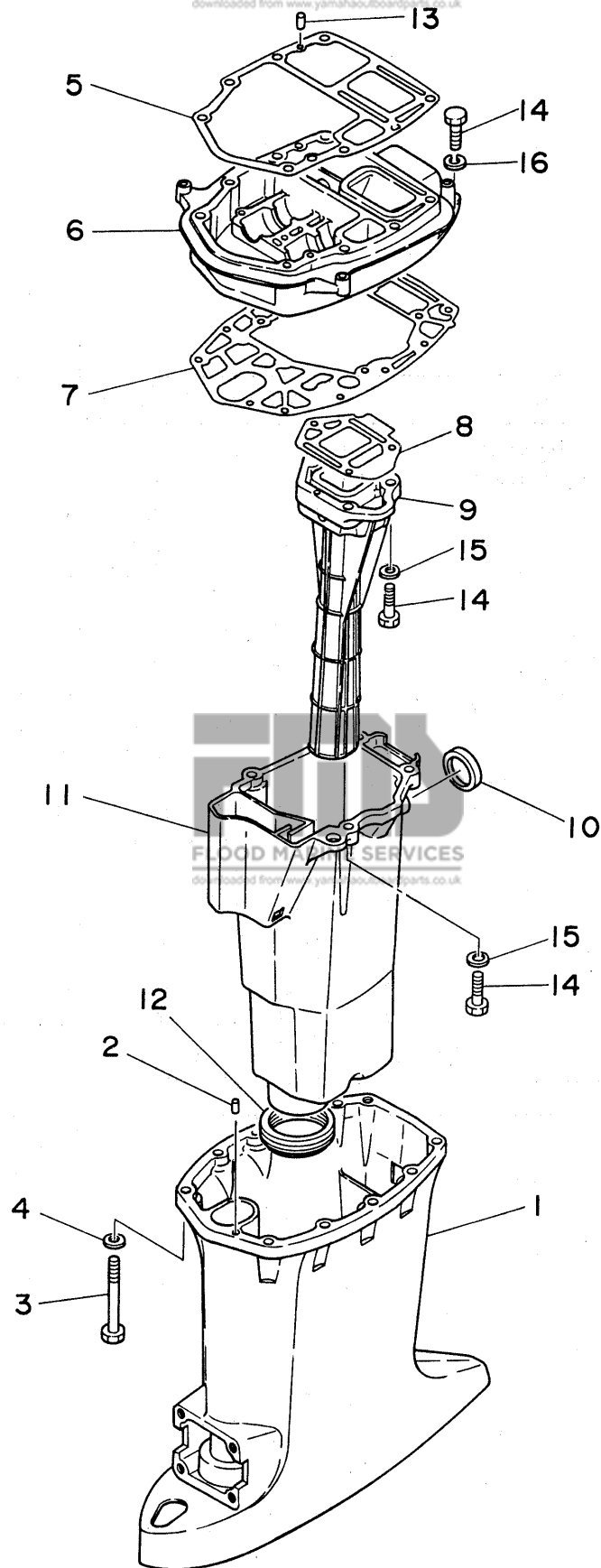


Fig. 12 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-41213-12	CAM, accel. (40HM Model)	1 U.R.	19	682-44132-00	BUSHING	1
※	6H4-41213-02	CAM, accel. (40HE Model)	1 U.R.	20	6H4-44121-01	LEVER, shift rod 1	1
2	90387-06M63	COLLAR	1	21	91690-30318	PIN, spring	1
3	90387-06298	COLLAR	1	22	6H4-44116-00	SPRING	1
4	97313-06040	BOLT	1	23	682-44117-00	BRACKET	1
5	6H4-41632-00	LEVER, magneto control 2	1	24	97313-06016	BOLT	1
6	90508-26M20	SPRING, torsion	1	25	6H4-44125-01	LEVER, shift rod 2	1
7	6H4-41636-00	ROD, magneto control	1	26	91690-30316	PIN, spring	1
8	662-41237-01	JOINT, link 2	1	27	6F5-41662-00	BRACKET 2	1
9	95303-05600	NUT	1	28	97313-06020	BOLT	2
10	6H4-41631-00	LEVER, magneto control 1	1	29	92903-06600	WASHER	2
11	97313-06025	BOLT	1	30	6H4-44143-00	ROD, shift 1	2
12	90387-06M02	COLLAR	1	31	91790-05020	PIN	1
13	90387-06298	COLLAR	2	32	92990-05600	WASHER	1
14	90157-06M00	SCREW	2	33	91490-16010	PIN, cotter	1
15	95303-06600	NUT	2	34	648-44146-00	CONNECTOR, shift rod 2	1
16	6H3-41238-00	JOINT, link	1	35	663-48344-00	CABLE END, remote control	1
17	688-44194-00	CAP	1	36	90468-18008	PIN, hair	1
18	6H4-44111-00	HANDLE, gear shift	1	37	90170-07021	NUT	1

※Not shown

Fig. 13 UPPER CASING



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Fig. 13 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-45111-00-EJ	CASING, upper (Short)	1 U.R.	9	6H4-41131-00-9M	MANIFOLD, exhaust	1
※	6H4-45111-10-EJ	CASING, upper (Long)	1 U.R.	10	6H4-41133-00	GASKET, exhaust manifold	1
2	93606-12019	PIN, dowel B	2	11	6H4-14711-00-9M	MUFFLER 1 (Short)	1 U.R.
3	97395-08080	BOLT	8	※	6H4-14711-10-9M	MUFFLER 1 (Long)	1 U.R.
4	92990-08600	WASHER	8	12	663-45123-00	GASKET, muffler	1
5	6H4-45113-00	GASKET, upper casing	1	13	93606-12019	PIN, dowel B	2
6	6H4-41137-00-94	GUIDE, exhaust	1	14	97375-08030	BOLT	9
7	6H4-45114-00	GASKET, upper casing 2	1	15	92990-08600	WASHER	7
8	6H4-41134-00	GASKET, exhaust manifold 2	1	16	92990-08100	WASHER	2

※ Not shown

Fig. 14 LOWER & DRIVE I

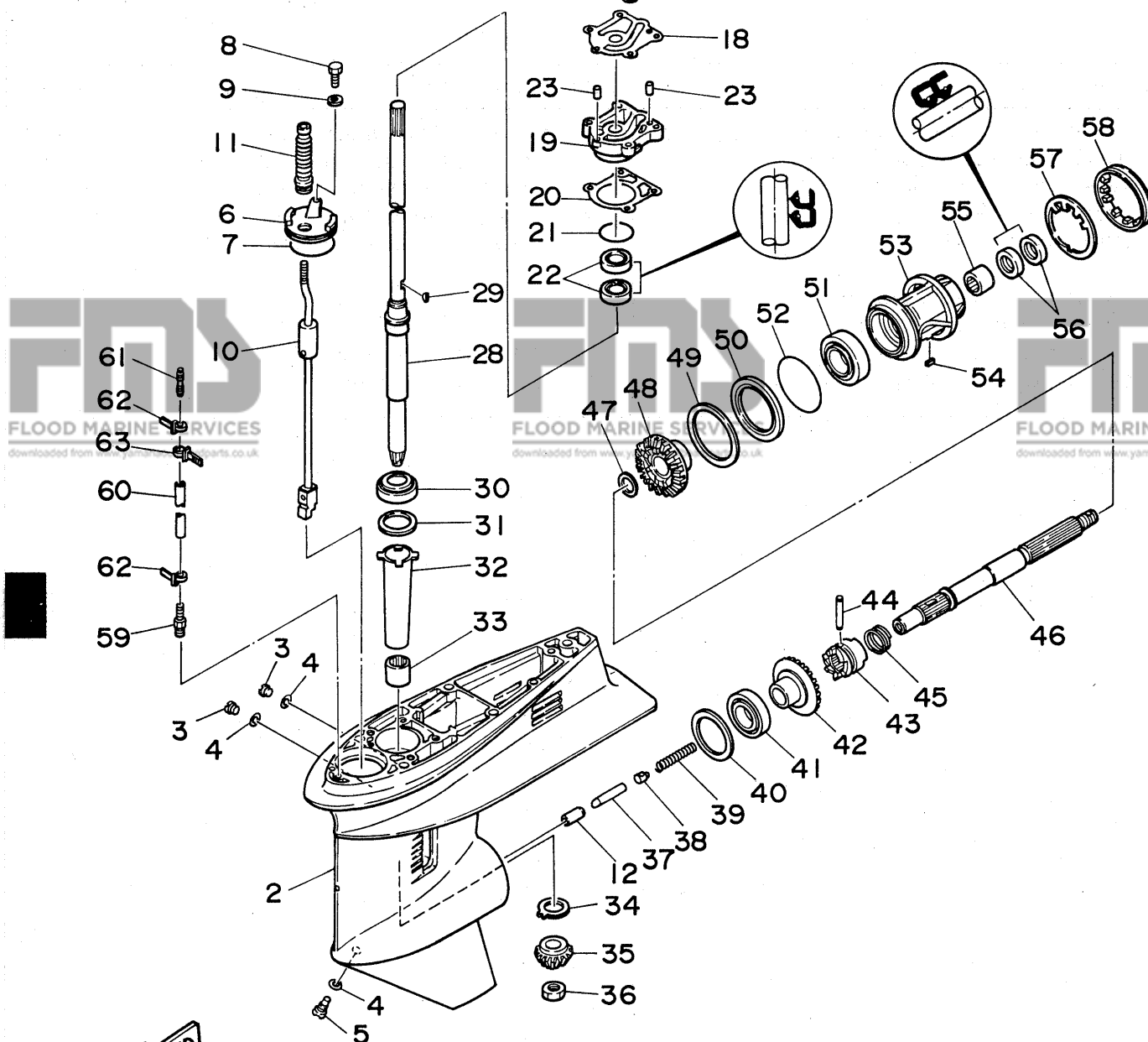


Fig. 14 LOWER & DRIVE 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-45300-00-EJ	LOWER UNIT ASS'Y (Short) (Ref. No. 2 to 61)	1 U.R.	33	93315-32224	BEARING, needle	1
※	6H4-45300-10-EJ	LOWER UNIT ASS'Y (Long) (Ref. No. 2 to 61)	1 U.R.	34	663-45552-00	BEARING, plain	1
2	6H4-45301-00-EJ	CASING, lower	1	35	6H4-45551-00	PINION (13T)	1
3	90340-08014	PLUG, straight	2	36	90170-12138	NUT	1
4	90430-08020	GASKET	3	37	676-45635-00	PLUNGER, shift	1
5	90340-08M02	PLUG, straight	1	38	663-45634-00	SLIDE, shift	1
6	6H4-45321-00	PLATE	1	39	90501-16M01	SPRING, compression	1
7	93210-49046	O-RING	1	40	6H4-45567-00-05	SHIM 1 (0.05mm)	1 U.R.
8	97395-06016	BOLT	1		6H4-45567-00-08	SHIM 1 (0.08mm)	1 U.R.
9	92990-06600	WASHER	1		6H4-45567-00-12	SHIM 1 (0.12mm)	1 U.R.
					6H4-45567-00-30	SHIM 1 (0.30mm)	1 U.R.
					6H4-45567-00-50	SHIM 1 (0.50mm)	1 U.R.
10	6H4-44150-00	SHIFT CAM ASS'Y (Short)	1 U.R.	41	93332-000V4	BEARING, taper roller	1
※	6H4-44150-10	SHIFT CAM ASS'Y (Long)	1 U.R.	42	6H4-45560-00	GEAR 1 ASS'Y (24T)	1
11	655-44147-00	BOOT, shift rod	1	43	6H4-45631-00	CLUTCH, dog	1
12	6H4-44160-00	DETENT COMP.	1				
13	663-44311-02	HOUSING, water pump 1	1	44	90250-06023	PIN, straight	1
				45	663-45633-00	RING, cross pin	1
14	663-44322-00	INSERT, cartridge	1	46	679-45611-01	SHAFT, propeller	1
15	6H4-44352-00	IMPELLER	1	47	90201-22429	WASHER	1
16	663-44315-00	GASKET, water pump 1	1	48	6H4-45571-00	GEAR 2 (24T)	1
17	663-44323-00	OUTER PLATE, cartridge	1				
18	663-44324-00	GASKET, cartridge outer plate	1	49	663-45577-00-05	SHIM 2 (0.05mm)	1 U.R.
					663-45577-00-08	SHIM 2 (0.08mm)	1 U.R.
19	663-44341-00-94	HOUSING, water pump 2	1		663-45577-00-12	SHIM 2 (0.12mm)	1 U.R.
20	663-44316-00	GASKET, water pump 2	1		663-45577-00-30	SHIM 2 (0.30mm)	1 U.R.
21	93210-41042	O-RING	1		663-45577-00-50	SHIM 2 (0.50mm)	1 U.R.
22	93101-23070	OIL SEAL	2				
23	93604-08062	PIN, dowel B	2	50	663-45576-00	WASHER, thrust 2	1
				51	93306-00702	BEARING (B6007)	1
24	97395-08055	BOLT	2	52	93210-66262	O-RING	1
25	97395-08045	BOLT	2	53	679-45331-00-94	HOUSING, bearing	1
26	92990-08600	WASHER	4	54	90282-04010	KEY, straight	1
27	663-44366-00	DAMPER, water seal 2	1				
28	6H4-45501-00	DRIVE SHAFT ASS'Y (Short)	1 U.R.	55	93317-22204	BEARING, needle	1
※	6H4-45501-10	DRIVE SHAFT ASS'Y (Long)	1 U.R.	56	93101-22M00	OIL SEAL	2
29	90280-03024	KEY, woodruff	1	57	90214-48008	WASHER, claw	1
30	93332-00023	BEARING, taper roller	1	58	697-45384-00	NUT	1
31	663-45587-00-05	SHIM 3 (0.05mm)	1 U.R.	59	6E5-45378-00	NIPPLE, hose	1
	663-45587-00-08	SHIM 3 (0.08mm)	1 U.R.				
	663-45587-00-12	SHIM 3 (0.12mm)	1 U.R.	60	90445-07M31	HOSE	1
	663-45587-00-30	SHIM 3 (0.30mm)	1 U.R.	61	6E5-83558-00	END, nipple	1
	663-45587-00-50	SHIM 3 (0.50mm)	1 U.R.	62	90465-11M10	CLAMP	2
32	6H4-45536-00	SLEEVE, drive shaft	1	63	90465-13M11	CLAMP	1
				▲ 64	6H4-W0001-20	LOWER UNIT GASKET KIT	1
				★ 65	6H4-W0078-00	WATER PUMP REPAIR KIT	1

※ Not shown

▲ See Fig. 22 for detail service parts.

★

Fig. 15 LOWER & DRIVE 2

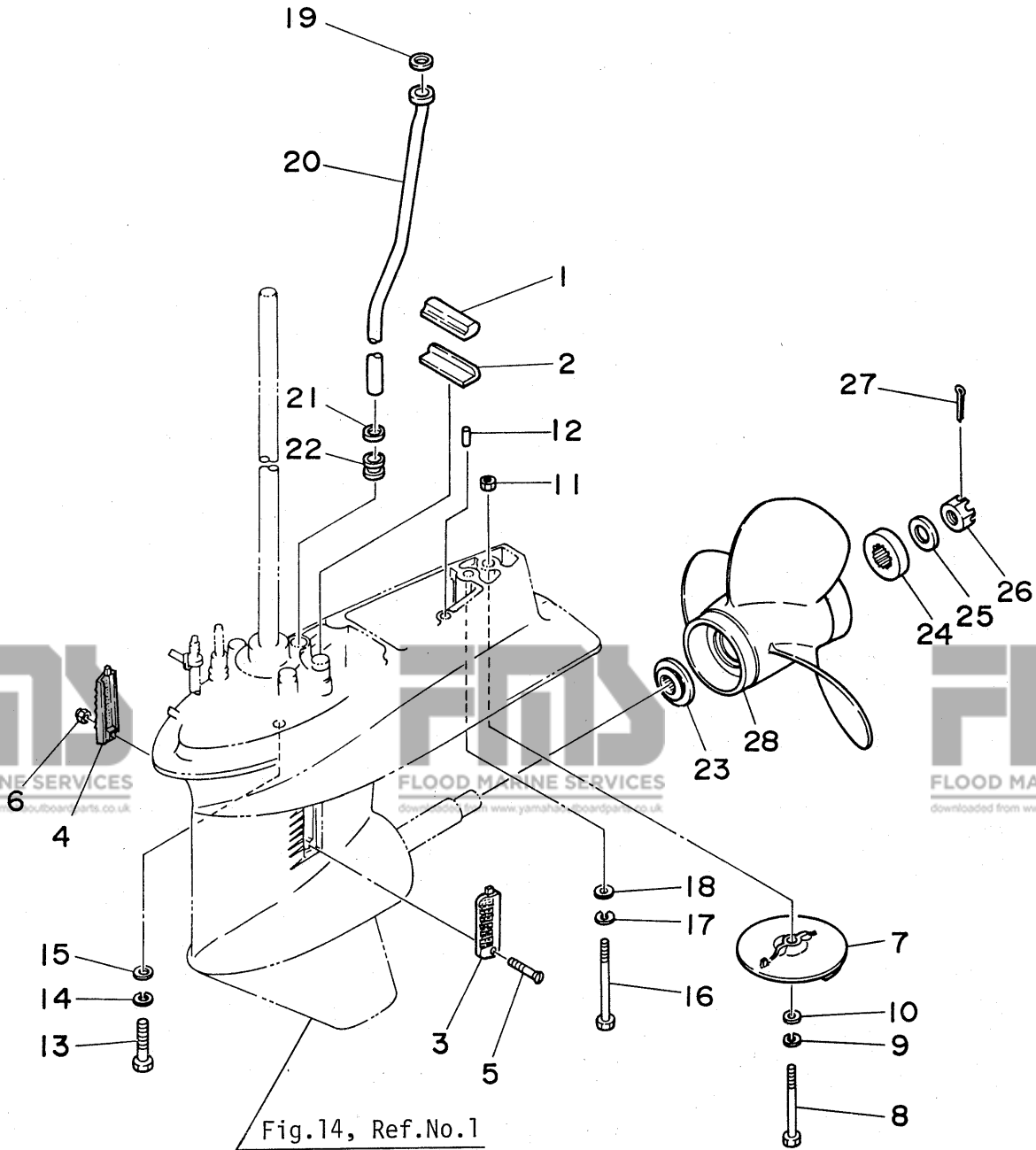


Fig.14, Ref.No.1
LOWER UNIT ASS'Y



Fig. 15 LOWER & DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-45375-00	SEAL 2	1	21	90430-12072	GASKET	1
2	663-45376-00	GUIDE, seal rubber	1	22	663-44367-00	DAMPER, water seal 3	1
3	688-45214-01	COVER, water inlet 1	1	23	663-45987-01	SPACER 1	1
4	688-45215-01	COVER, water inlet 2	1	24	670-45997-01	SPACER 2	1
5	98180-05035	SCREW, ovalhead	1	25	92990-16200	WASHER	1
6	90185-05002	NUT, self-locking	1	26	90171-16011	NUT, castle	1
7	664-45371-01	TAB-TRIM	1	27	91490-30025	PIN, cotter	1
8	97375-08075	BOLT	1	28	663-45941-01-36	PROPELLER ASS'Y 1(3x10"x17"-G)	1 U.R.
9	92990-08100	WASHER	1		663-45943-02-36	PROPELLER ASS'Y 2(3x11"x15"-G)	1 U.R.
10	92990-08600	WASHER	1		663-45945-02-36	PROPELLER ASS'Y 3(3x11"x13"-G)	1 U.R.
11	95380-08600	NUT	1		663-45947-02-36	PROPELLER ASS'Y 4(3x11"x11"-G)	1 U.R.
12	93606-12019	PIN, dowel B	2		663-45949-01-36	PROPELLER ASS'Y 5(3x10"x16"-G)	1 U.R.
13	97375-10040	BOLT	4		663-45952-02-36	PROPELLER ASS'Y 6(3x11"x12"-G)	1 U.R.
14	92990-10100	WASHER	4		663-45954-01-36	PROPELLER ASS'Y 7(3x11"x10"-G)	1 U.R.
15	92990-10600	WASHER	4		663-45956-01-36	PROPELLER ASS'Y 8(3x12"x9"-G)	1 U.R.
16	97375-08085	BOLT	1		663-45958-01-36	PROPELLER ASS'Y 9(3x11"x14"-G)	1 U.R.
17	92990-08100	WASHER	1		STAINLESS STEEL PROPELLER		
18	92990-08600	WASHER	1		663-45970-60-98	PROPELLER ASS'Y 20(3x11"x12"-G)	1 U.R.
19	90202-12060	WASHER	1		663-45972-60-98	PROPELLER ASS'Y 21(3x12"x11"-G)	1 U.R.
20	6H4-44361-00	TUBE, water 1 (Short)	1 U.R.		663-45974-60-98	PROPELLER ASS'Y 22(3x11"x13"-G)	1 U.R.
※	6H4-44361-10	TUBE, water 1 (Long)	1 U.R.		697-45970-00-98	PROPELLER ASS'Y 23(3x11"x14"-G)	1 U.R.

※ Not shown

Fig. 16 C·D·I· MAGNETO

Fig.3, Ref.No.11

Fig.2, Ref.No.11

Fig.2, Ref.No.1

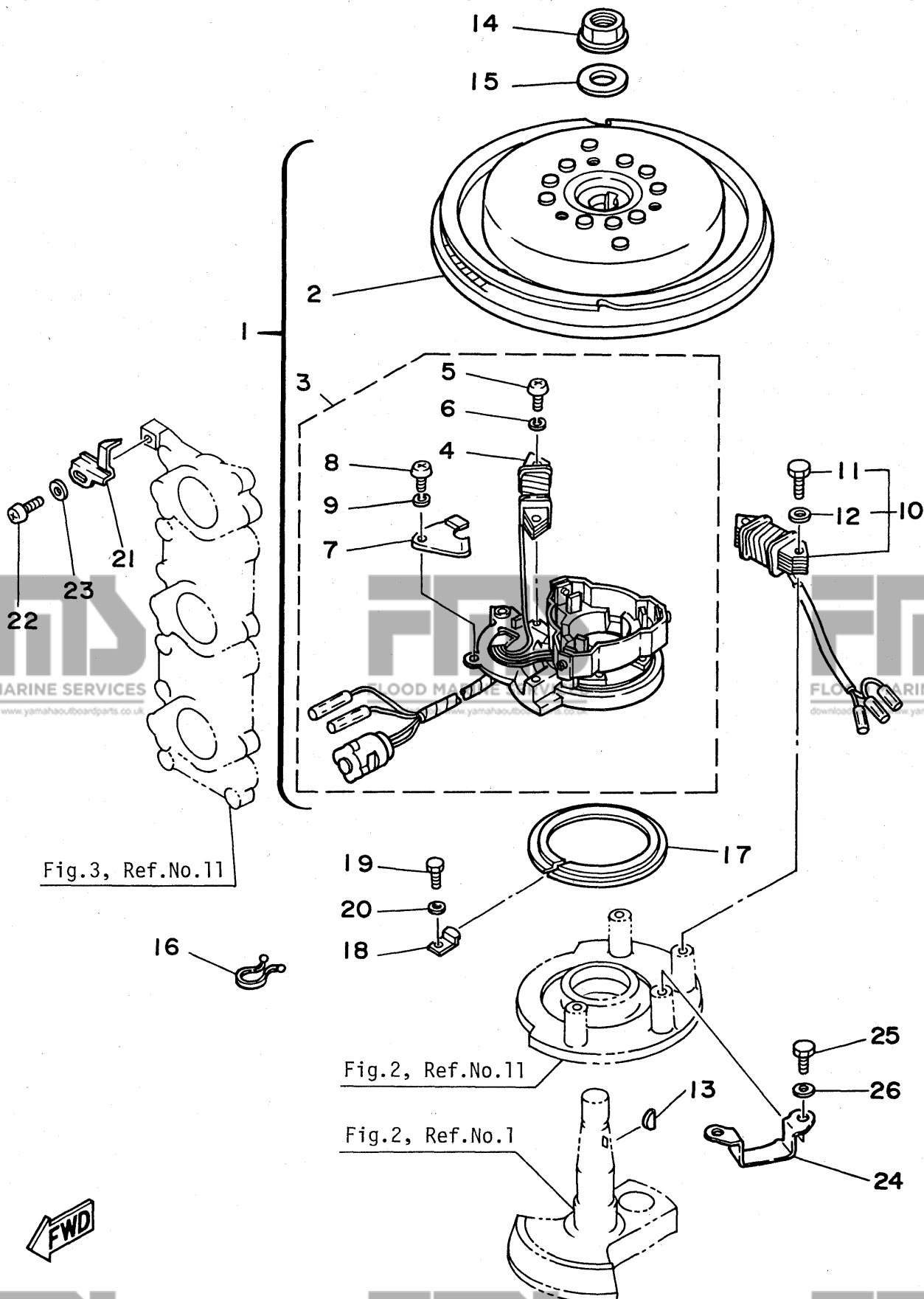


Fig. 16 C.D.I. MAGNETO

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-85500-F0	C.D.I. MAGNETO ASS'Y	1	14	90179-16M05	NUT	1
2	6H4-85550-F0	. ROTOR ASS'Y	1	15	90201-16M44	WASHER	1
3	6H4-85510-F0	. STATOR ASS'Y	1	16	90464-08M07	CLAMP	3
4	6H4-85520-00	. . CHARGE COIL ASS'Y	1	17	6H3-41611-00	RETAINER, magneto base 1	1
5	97802-06020	. . SCREW	2	18	6H4-41612-00	RETAINER, magneto base 2	3
6	92902-06100	. . WASHER	2	19	97313-06016	BOLT	3
7	6H4-85548-00	. . CLAMP, cord	1	20	92903-06600	WASHER	3
8	97802-05008	. . SCREW	1	21	6H4-81332-00	PLATE, timing	1
9	92902-05100	. . WASHER	1	22	97803-05010	SCREW	1
10	6H4-81303-A0	. LIGHTING COIL ASS'Y	1	23	92903-05600	WASHER	1
11	97313-06025	. . BOLT	2	24	6H4-41613-00	PLATE, base friction	1
12	92903-06600	. . WASHER	2	25	97313-06012	BOLT	2
13	90280-05015	KEY, woodruff	1	26	92903-06600	WASHER	2

Fig. 17 ELECTRIC PARTS

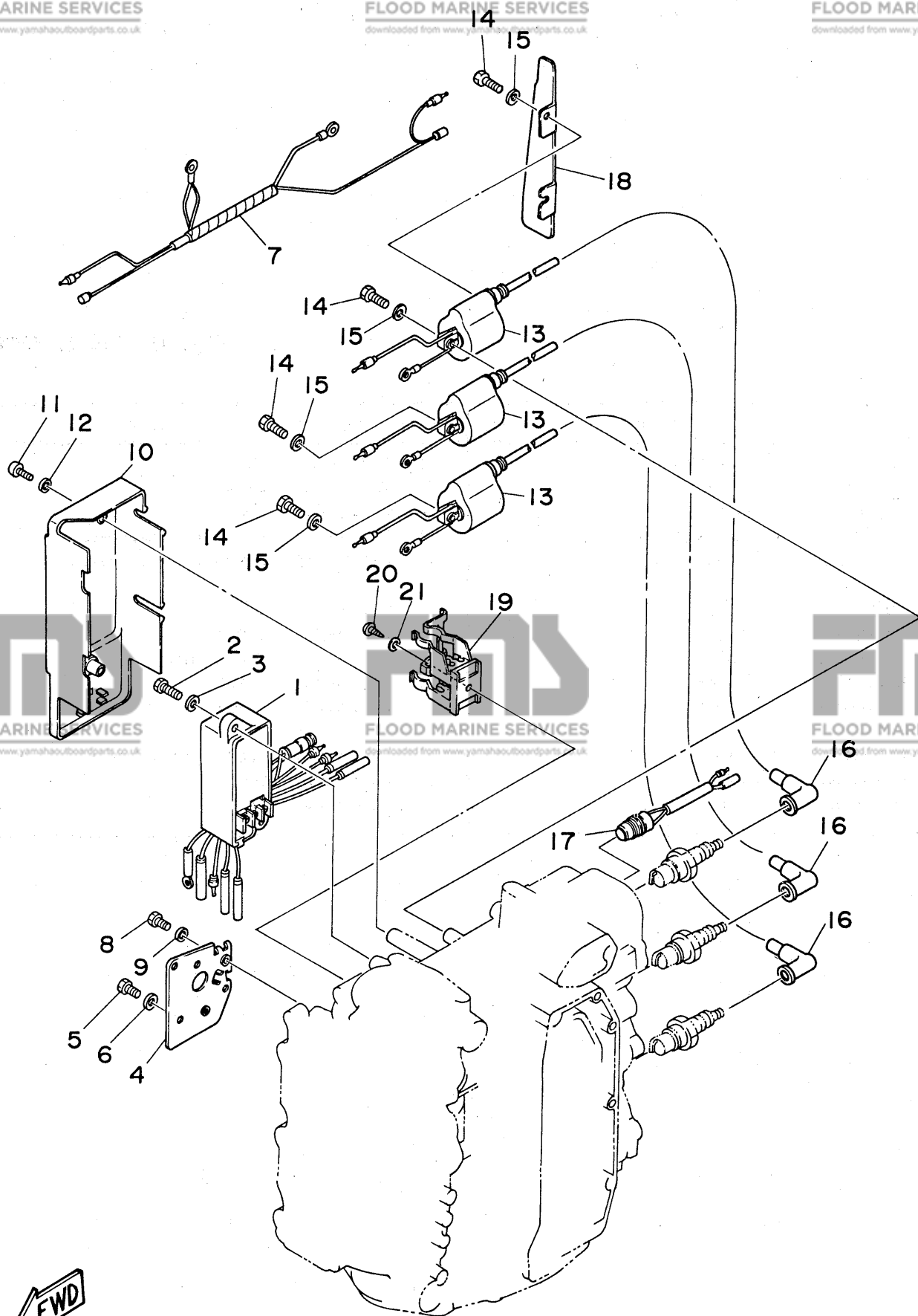
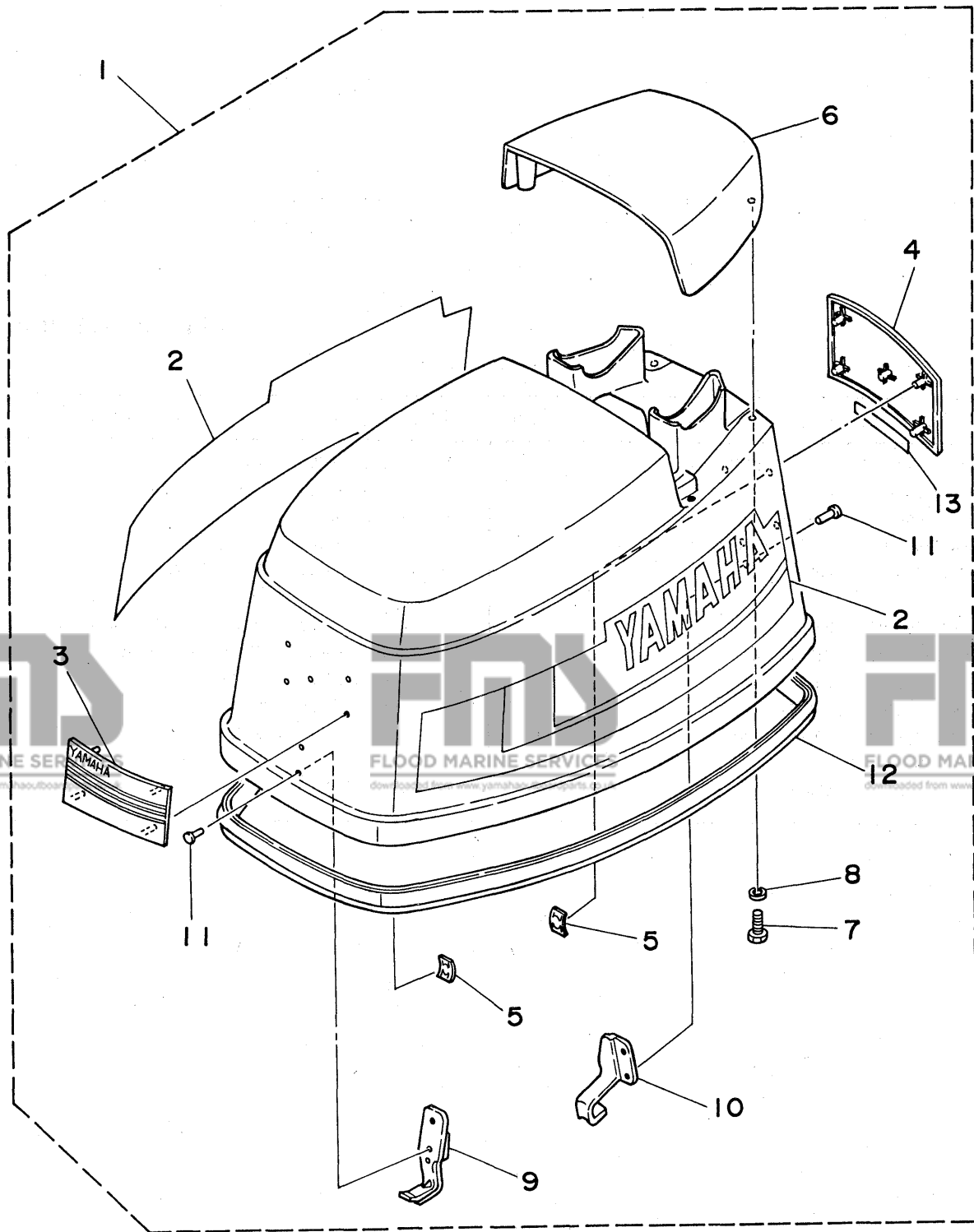


Fig. 17 ELECTRIC PARTS

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-85540-20	C.D.I. UNIT ASS'Y	1	12	92903-06600	WASHER	2
2	97313-06020	BOLT	2	13	6H4-85570-20	IGNITION COIL ASS'Y	3
3	92903-06600	WASHER	2	14	97313-06020	BOLT	6
4	6H4-81975-00	PLATE, rectifier fitting	1	15	92903-06600	WASHER	6
5	97313-06012	BOLT	3	16	663-82370-01	PLUG CAP ASS'Y	3 U.R.
6	92903-06600	WASHER	3	※	6G1-82370-20	PLUG CAP ASS'Y (With Resistor)	3 U.R.
7	6H4-82531-00	WIRE, lead	1	17	689-82560-00	THERMO-SWITCH ASS'Y	1
8	97313-06012	BOLT	1	18	6H4-14477-00	PLATE	1
9	92903-06600	WASHER	1	19	6H4-82552-00	CLAMP	1
10	6H4-81916-00	COVER, terminal	1	20	97803-06012	SCREW	1
11	97803-06025	SCREW	2	21	92903-06200	WASHER	1

※ Not shown

Fig. 18 TOP COWLING (40HE MODEL)



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Fig. 18 TOP COWLING (40HE MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-42610-20-EJ	TOP COWLING ASS'Y	1	8	92903-06600	. WASHER	4
2	6H4-W0070-20	. GRAPHIC SIDE SET	1	9	6H4-42651-00	. HOOK 1	1
3	6H4-42686-00	. EMBLEM, front	1	10	6H4-42652-00	. HOOK 2	1
4	6H4-42687-00	. EMBLEM, front	1	11	90266-04M01	. RIVET	4
5	90183-05M01	. NUT, spring	10	12	6H4-42615-00	. SEAL	1
6	6H4-42613-10-EJ	. MOLDING, air duct	1	13	6G1-42683-00	. MARK, cowling	1
7	97313-06016	. BOLT	4				

Fig. 19 C·D·I· MAGNETO (40HE MODEL)

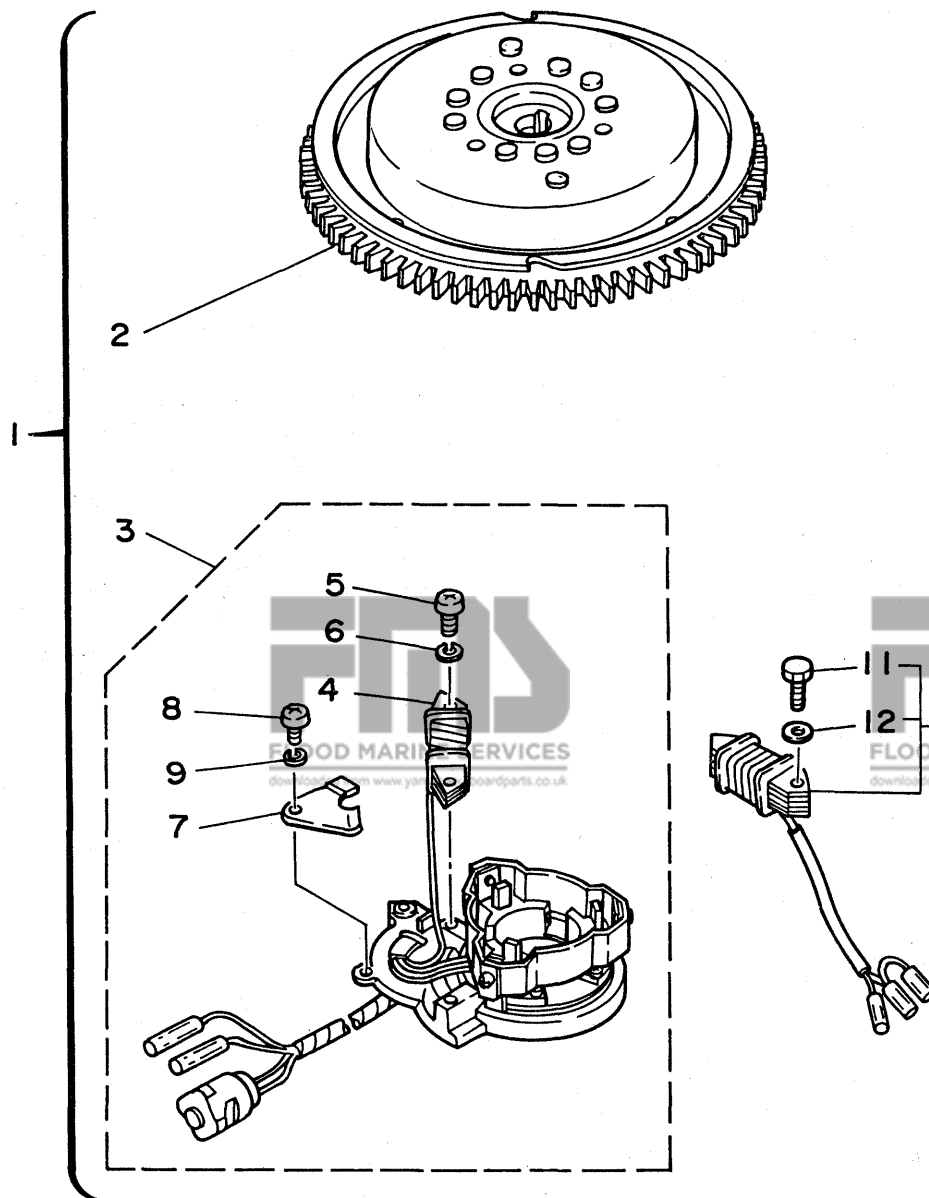
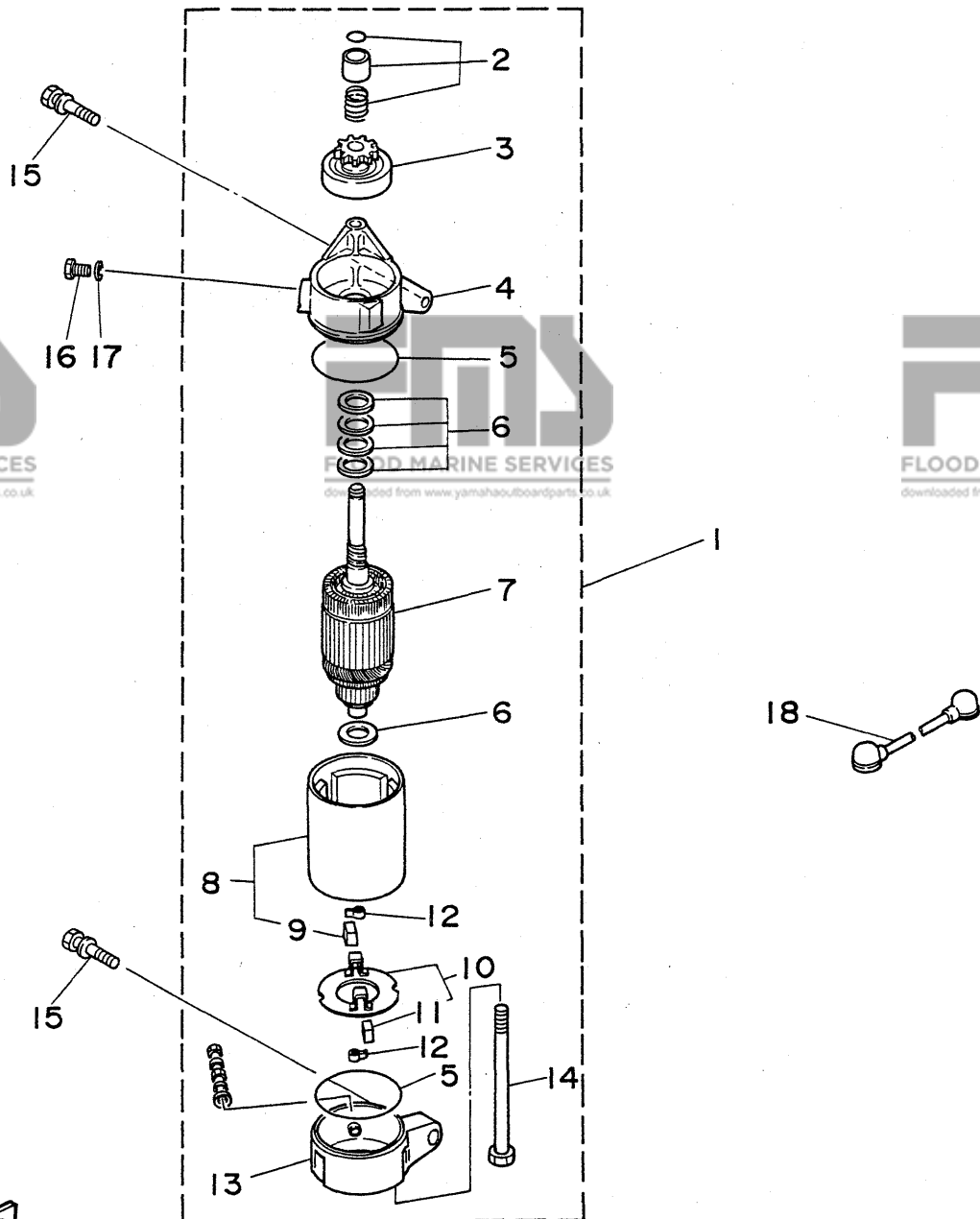
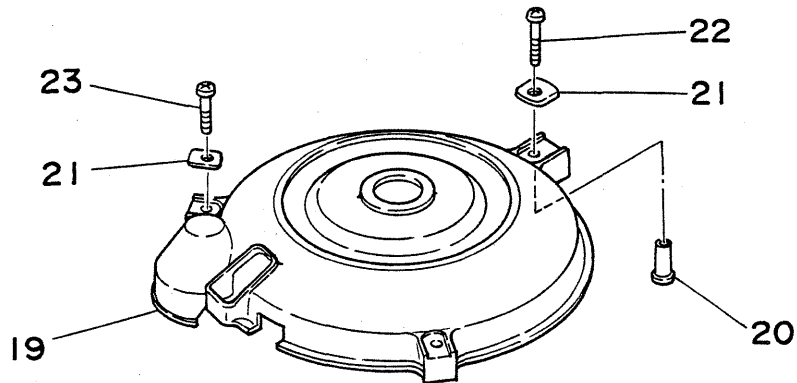


Fig. 19 C.D.I. MAGNETO (40HE MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-85500-A0	C.D.I. MAGNETO ASS'Y	1	7	6H4-85548-00	. . CLAMP, cord	1
2	6H4-85550-A0	. ROTOR ASS'Y	1	8	97802-05008	. . SCREW	1
3	6H4-85510-F0	. STATOR ASS'Y	1	9	92902-05100	. . WASHER	1
4	6H4-85520-00	. . CHARGE COIL ASS'Y	1	10	6H4-81303-A0	. LIGHTING COIL ASS'Y	1
5	97802-06020	. . SCREW	2	11	97313-06025	. . BOLT	2
6	92902-06100	. . WASHER	2	12	92903-06600	. . WASHER	2

Fig. 20 ELECTRIC STARTER (40HE MODEL)



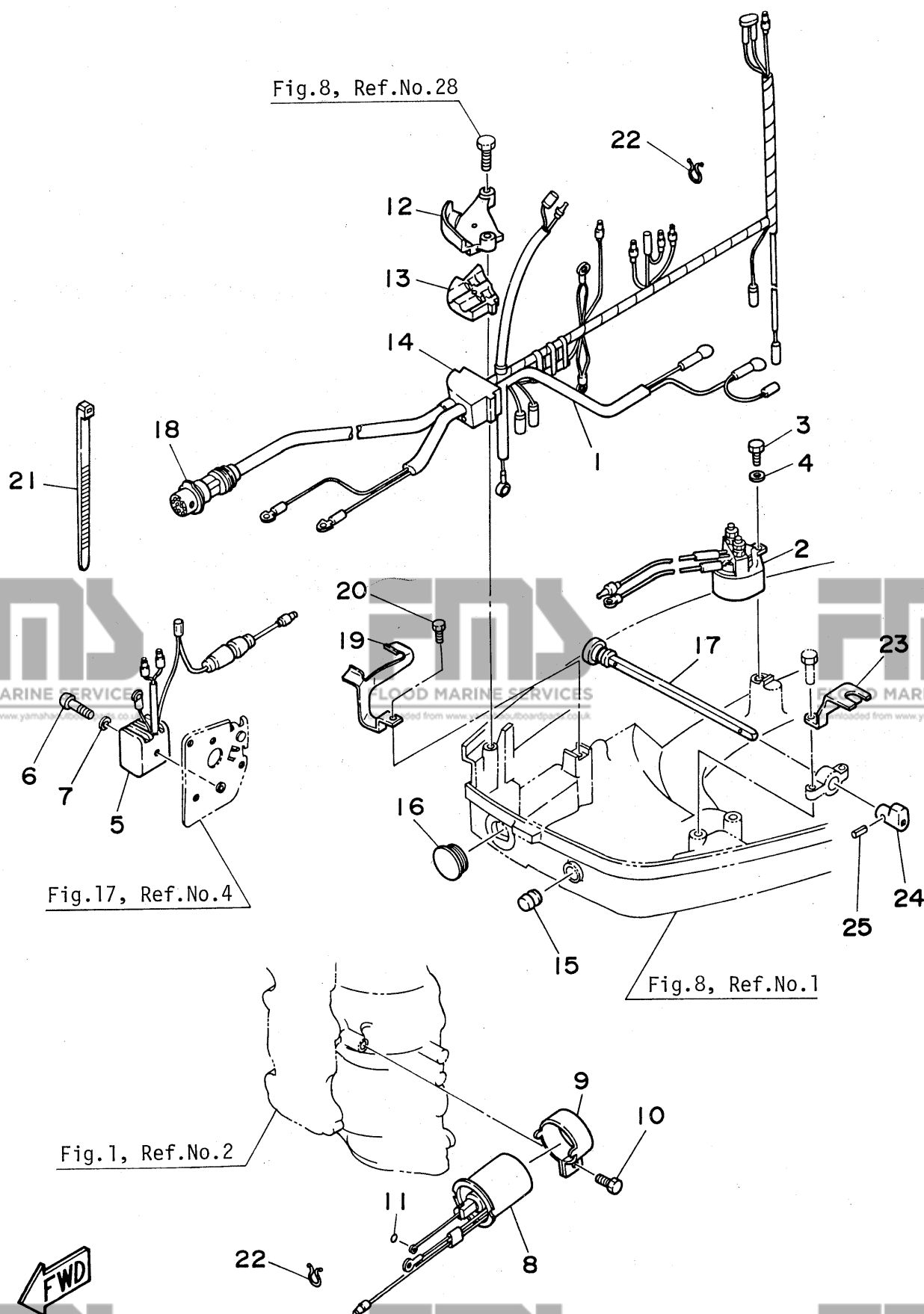
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Fig. 20 ELECTRIC STARTER (40HE MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-81800-10	ELECTRIC MOTOR ASS'Y	1	13	6H3-81820-11	. REAR COVER ASS'Y	1
2	689-81857-11	. PINION STOPPER SET	1	14	689-81826-10	. BOLT	2
3	6H3-81807-10	. PINION ASS'Y (11T)	1	15	90119-08M30	BOLT, with washer	2
4	6H4-81830-10	. FRONT COVER ASS'Y	1	16	97313-08016	BOLT	1
5	689-81847-11	. O-RING	2	17	92903-08600	WASHER	1
6	689-81809-11	. WASHER KIT	1	18	6H4-82117-00	WIRE, lead	1
7	689-81850-11	. ARMATURE ASS'Y	1	19	6H4-81337-00	COVER, flywheel	1
8	6H3-81810-10	. STATOR ASS'Y	1	20	90387-06M65	COLLAR	3
9	689-81811-11	. BRUSH 1 (+)	1	21	90209-06M04	WASHER	3
10	689-81840-11	. BRUSH HOLDER ASS'Y	1	22	97803-06035	SCREW	1
11	689-81812-11	. BRUSH 2 (-)	1	23	97803-06030	SCREW	2
12	689-81813-10	. SPRING, brush	2				

Fig. 21 ELECTRIC PARTS (40HE MODEL)



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Fig. 21 ELECTRIC PARTS (40HE MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-82105-00	WIRE LEAD ASS'Y	1	14	6H4-42724-20	GROMMET 1	1
2	688-81950-10	STARTER RELAY ASS'Y	1	15	6H4-42725-00	GROMMET 2	1
3	97313-06016	BOLT	1	16	676-42726-00	GROMMET 3	1
4	92903-06600	WASHER	1	17	6H4-44111-10	HANDLE, gear shift	1
5	6G1-81970-60	RECTIFIER ASS'Y	1	18	6H4-82590-01	WIRE HARNESS ASS'Y	1
6	97803-05025	SCREW	1	19	6H4-82588-00	PLATE	1
7	92903-05600	WASHER	1	20	97313-06012	BOLT	1
8	6H4-86110-00	SOLENOID COIL ASS'Y	1	21	90465-13M24	CLAMP	1
9	6H4-86112-00	STAY, solenoid	1	22	90465-18147	CLAMP	2
10	97313-06014	BOLT	1	23	6H4-82554-00	STAY, neutral switch	1
11	93210-03261	O-RING	1	24	6H4-44173-00	LEVER, shift control	1
12	6H4-48531-10-94	BRACKET, remote control 1	1	25	91690-30020	PIN, spring	1
13	6H4-48532-10-94	BRACKET, remote control 2	1				

Fig. 22 REPAIR KIT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-W0001-00	POWER HEAD GASKET KIT	1	30	663-14126-00	. PACKING	3
2	6H4-11181-00	. GASKET, cylinder head	1	31	688-14126-00	. PACKING	3
3	6H4-11193-00	. GASKET, head cover	1	32	692-14923-00	. SCREW, adjusting	3
4	90430-14115	. GASKET	1	33	93210-15M52	. O-RING	3
5	6H4-12414-00	. GASKET, thermostat	1	34	6H4-W0001-20	LOWER UNIT GASKET KIT	1
6	6H4-41114-00	. GASKET, exhaust cover	2	35	6H4-45114-00	. GASKET, upper casing 2	1
7	6H4-15369-00	. GASKET, oil seal housing	1	36	6H4-41134-00	. GASKET, exhaust manifold 2	1
8	93104-16M01	. OIL SEAL	2	37	6H4-41133-00	. GASKET, exhaust manifold	1
9	93102-25M04	. OIL SEAL	1	38	663-45123-00	. GASKET, muffler	1
10	93210-58M21	. O-RING	1	39	90430-08020	. GASKET	3
11	6H4-13621-00	. PACKING, valve seat	2	40	93210-49046	. O-RING	1
12	6H4-14198-00	. GASKET	1	41	663-44315-00	. GASKET, water pump 1	1
13	6H3-14457-00	. SEAL	3	42	663-44324-00	. GASKET, cartridge outer plate	1
14	6G1-14984-00	. O-RING	3	43	663-44316-00	. GASKET, water pump 2	1
15	655-24564-00	. PACKING, filter	1	44	93210-41042	. O-RING	1
16	93210-37M25	. O-RING	1	45	93101-23070	. OIL SEAL	2
17	650-24431-00	. GASKET, fuel pump	1	46	93210-66262	. O-RING	1
18	6H4-45113-00	. GASKET, upper casing	1	47	93101-22M00	. OIL SEAL	2
19	6H4-W0093-01	CARBURETOR REPAIR SET	1	48	6H4-W0078-00	WATER PUMP REPAIR KIT	1
20	6H4-14198-00	. GASKET	1	49	663-44322-00	. INSERT, cartridge	1
21	676-14966-00	. CAP	3	50	6H4-44352-00	. IMPELLER	1
22	6H3-14590-00	. VALVE SEAT ASS'Y	3	51	663-44315-00	. GASKET, water pump 1	1
23	663-14159-00	. CLIP	3	52	663-44323-00	. OUTER PLATE, cartridge	1
24	676-14186-00	. PIN, valve	3	53	663-44324-00	. GASKET, cartridge outer plate	1
25	6G1-14985-00	. FLOAT COMP.	3	54	663-44316-00	. GASKET, water pump 2	1
26	688-14548-00	. PIN, float	3	55	97395-08055	. BOLT	2
27	6G1-14984-00	. O-RING	3	56	97395-08045	. BOLT	2
28	90159-04M00	. SCREW, with washer	3	57	663-44366-00	. DAMPER, water seal 2	1
29	93210-04230	. O-RING	3	58	90280-03024	. KEY, woodruff	1