

50D (6H5)

CONTENTS

Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 5

Fig. 6

Fig. 7

Fig. 8

Fig. 9

Fig. 10

Fig. 11

Fig. 12

Fig. 13

Fig. 14

Fig. 15

Fig. 16

Fig. 17

Fig. 18

Fig. 19

Fig. 20

Fig. 21

Fig. 22

Fig. 23

Fig. 24

Fig. 25

Fig. 26

Fig. 27

Fig. 28

Fig. 29

Fig. 30

Fig. 31

Fig. 32

CRANKCASE & CYLINDER	A3
CRANK & PISTON	A4
INTAKE	A5
CARBURETOR	A6
STARTER	A7
FUEL 1	B1
FUEL 2	B2
TOP COWLING	B3
BOTTOM COWLING	B4
BRACKET 1	B5
BRACKET 1 (50DR SHORT TRANSOM)	B6
BRACKET 2 (50DR SHORT TRANSOM)	B7
CONTROL	C1
UPPER CASING	C2
LOWER & DRIVE 1	C3
LOWER & DRIVE 2	C4
C.D.I. MAGNETO	C5
ELECTRIC PARTS 1	C6
TOP COWLING (50DE/50DET MODEL)	C7
C.D.I MAGNETO (50DE/50DET MODEL)	D1
ELECTRIC MOTOR (50DE/50DET MODEL)	D2
ELECTRIC PARTS 2 (50DE/50DET MODEL)	D3
REMOTE CONTROL	D4
STEERING GUIDE ATTACHMENT	D5
POWER TILT ASS'Y	D6
REMOTE CONTROL ASS'Y 1	D7
REMOTE CONTROL ASS'Y 2	E1
OPTIONAL PARTS 1	E2
OPTIONAL PARTS 2	E3
OPTIONAL PARTS 3	E4
OPTIONAL PARTS 4	E5
REPAIR KIT	E6
NUMERICAL INDEX	

This Parts Catalogue is related to the parts in use for the Yamaha outboard motor 50D '85 (6H5). When you are ordering replacement parts for the 50D '85 (6H5), refer to this Parts Catalogue and quote both part numbers and part names correctly.

- Modifications or additions which have been made after issue of the Parts Catalogue will be announced in the Yamaha Parts News.
It is advisable that according to the Yamaha Parts News you make necessary corrections to the Parts Catalogue on hand to keep it up-to-date.

2. Abbreviations

The following abbreviations are used in this Parts Catalogue.

- U.R. Use size (thickness) and/or number as required.
- U.N. Use as many as you need.
- A.P. Alternate Parts
- S.T.D. Standard
- O.S. Over Size

- Parts, which are to be supplied in the form of assemblies, are listed with an indention of one letter's space, and a dot (.) is put against the name of each part.

EXAMPLE

CARBURETOR ASS'Y

. JET, pilot

. NOZZLE, main

- Indication of No. of constituent parts for assembly.

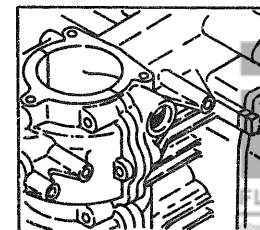
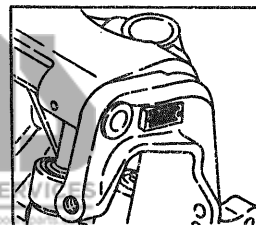
The numeral appearing to the right of each constituent part under the description indicates the quantity of such parts for each individual assembly unit.

EXAMPLE

Part No.	Description	Q'ty	Remarks
6E0-85500-70	C.D.I. MAGNETO ASS'Y	1	
6E0-85550-70	. ROTOR ASS'Y	1	
6E0-15723-00-94	. . PULLEY, starter	1	

5. Initial Serial No. and Color Code

Ⓐ Engine Serial No.	50DE	S:020404 and following L:320823 and following
	50DET	S:050171 and following L:350186 and following
	50DR	S:150193 and following L:450234 and following



Color Code	Color Name	Abbreviate
EJ	METALIC MARINE BLUE	MMB
36	CLEAN WHITE	W

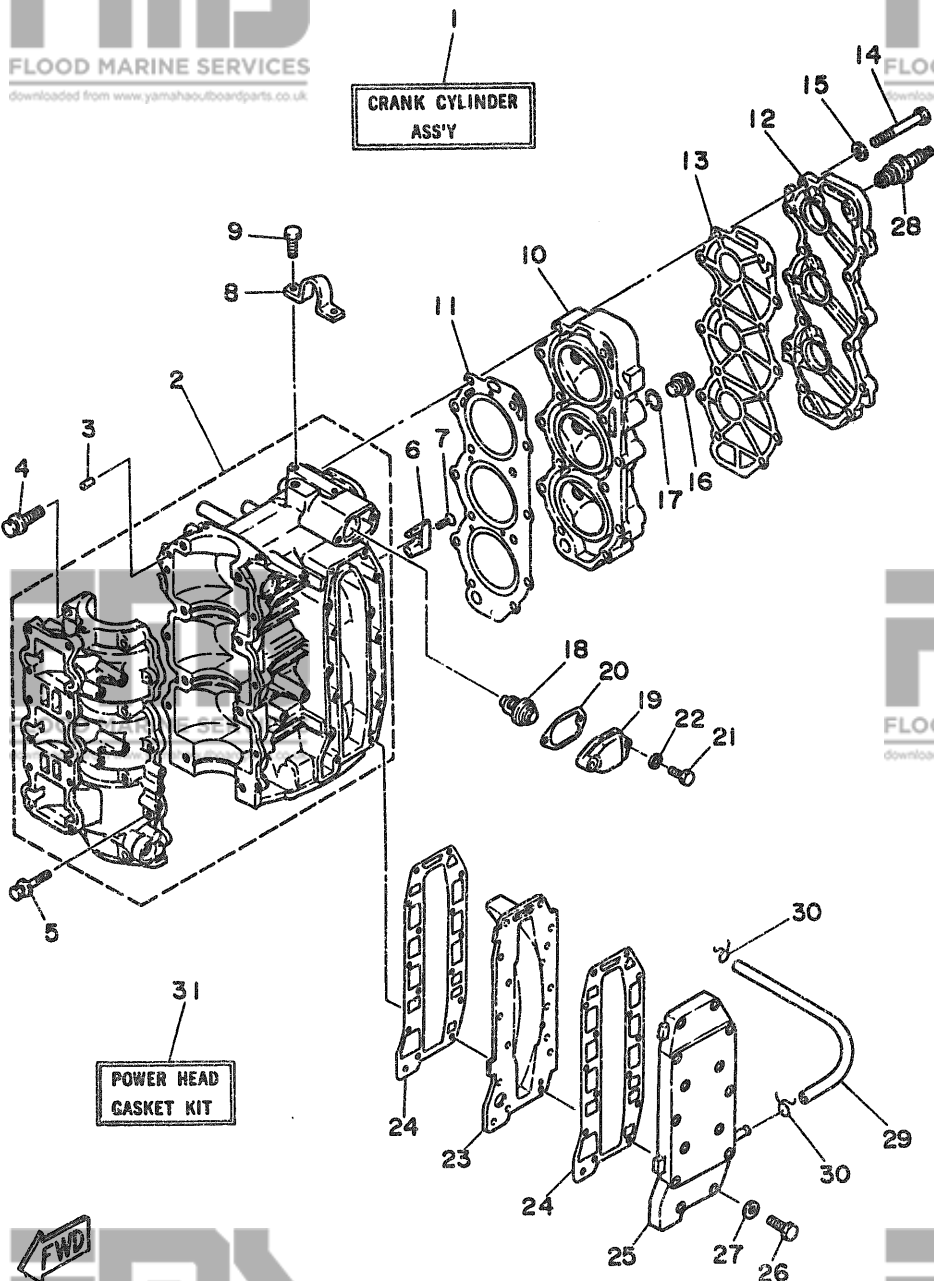


Fig. 1 CRANKCASE & CYLINDER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-W0090-00-EJ	CRANK CYLINDER ASS'Y (With STD Plug Spark) (Ref. No. 2 to 30 and Fig. 2, Ref. No. 1 to 19)	1 U.R.	14	97313-08065	BOLT	14
2	6H4-15100-00-94	CRANKCASE ASS'Y	1	15	92903-08600	WASHER	14
3	93606-12019	PIN, dowel	2	16	90340-14M00	PLUG, straight screw	1
4	90119-08M19	BOLT, with washer	8	17	90430-14115	GASKET	1
5	90119-06M13	BOLT, with washer	6	18	688-12411-00	THERMOSTAT	1
6	688-11325-00	ANODE	2	19	6H4-12413-00-9M	COVER, thermostat	1
7	98680-04016	SCREW, flathead	2	20	6H4-12414-00	GASKET, thermostat	1
8	6H4-11119-00	HANGER, engine	1	21	97313-06025	BOLT	2
9	97313-06014	BOLT	2	22	92903-06600	WASHER	2
10	6H4-11111-00-94	HEAD, cylinder	1	23	6H4-41111-00-9M	INNER COVER, exhaust	1
11	6H4-11181-00	GASKET, cylinder head	1	24	6H4-41114-00	GASKET, exhaust cover	2
12	6H4-11191-00-9M	COVER, cylinder head	1	25	6H4-41113-00-9M	OUTER COVER, exhaust	1
13	6H4-11193-00	GASKET, head cover	1	26	97395-06035	BOLT	14
				27	92990-06600	WASHER	14
				28	94701-00160	PLUG, spark (BBHS 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. 32 for detail service parts.

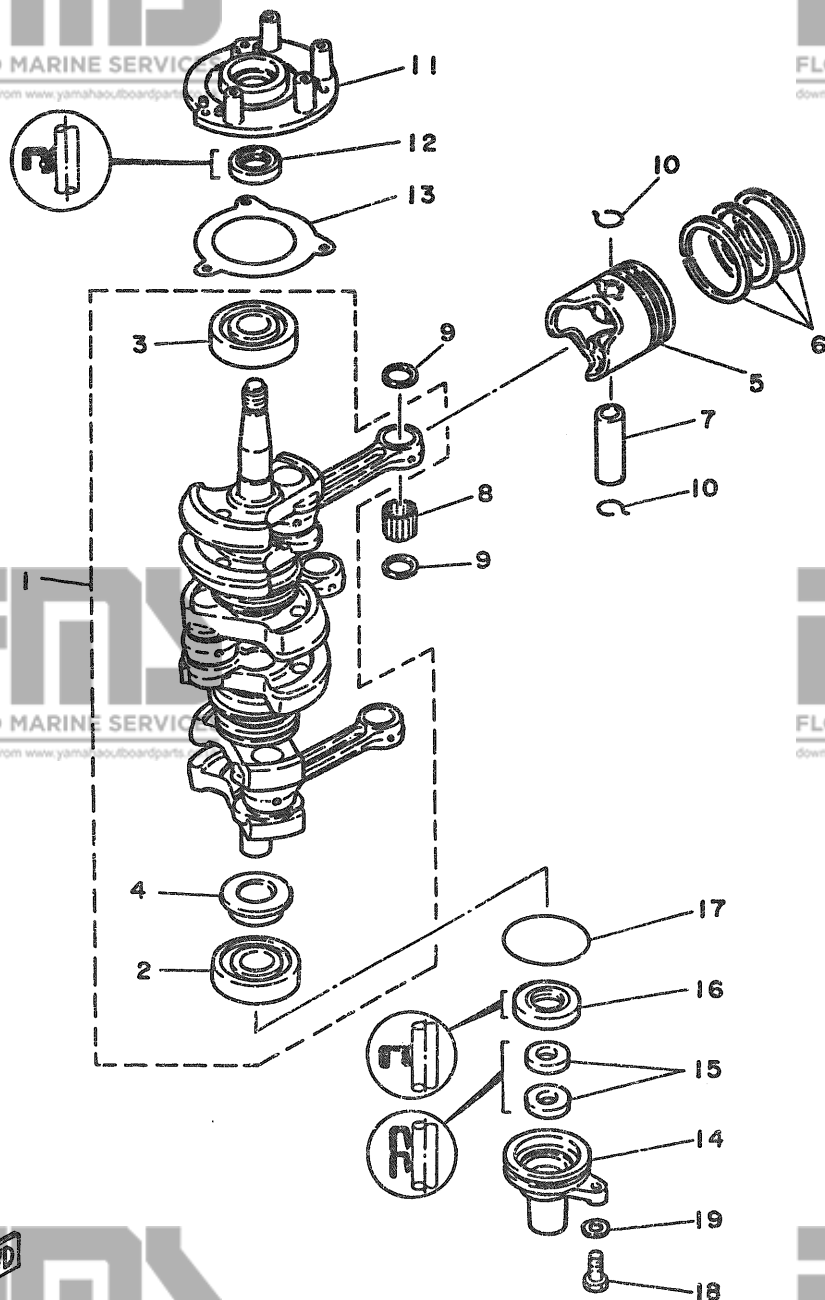


Fig. 2 CRANK & PISTON

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	93306-30610	. BEARING	1	10	6H4-11634-00	CLIP, piston pin	6
3	93306-30602	. 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	93602-20W02	PIN, dowel B	93				

※Not shown

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, accel. lever 1	1	20	6H5-13610-00	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

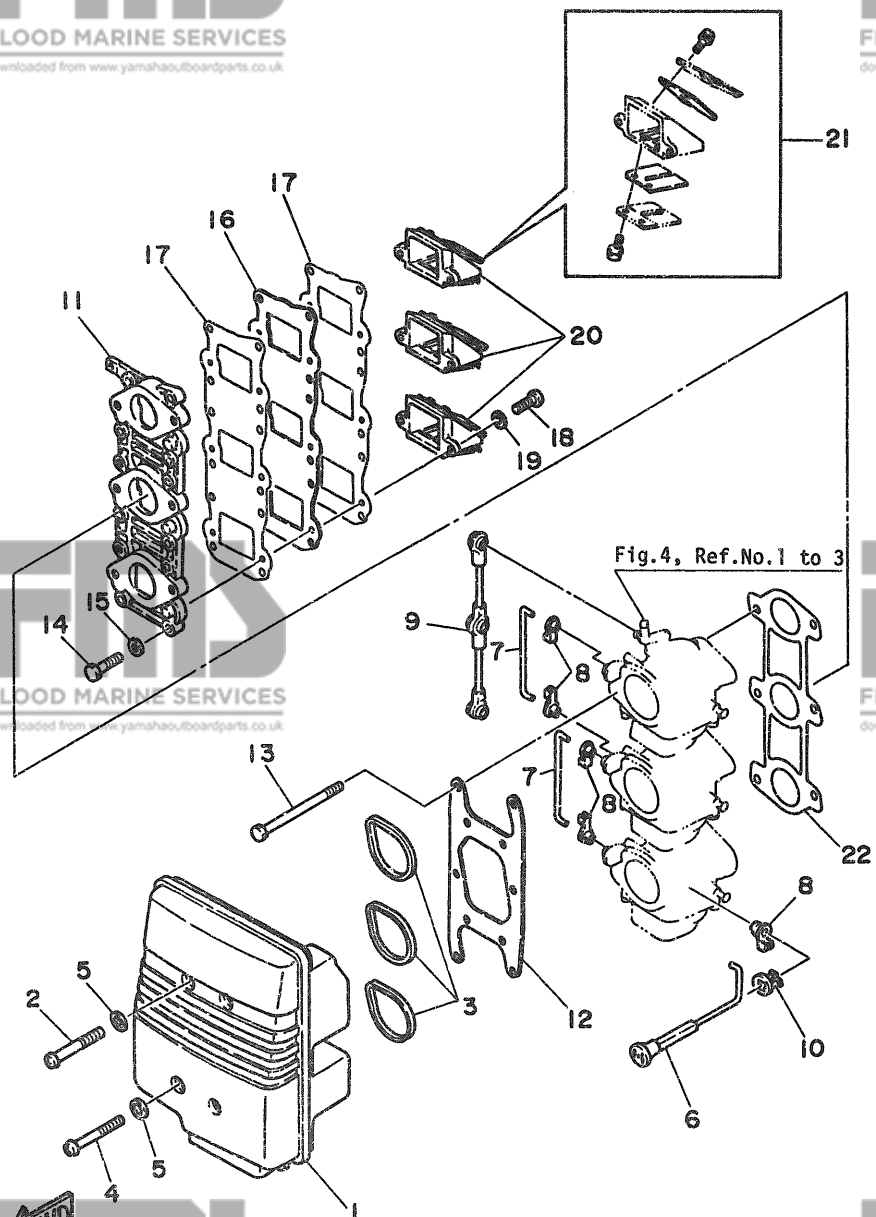
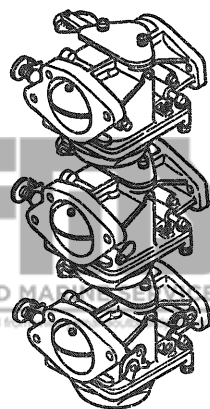


Fig.4, Ref.No.1 to 3



35
CARBURETOR
REPAIR SET

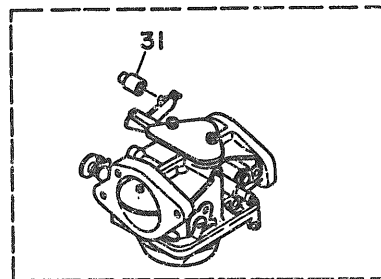
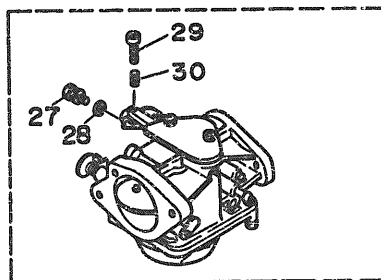
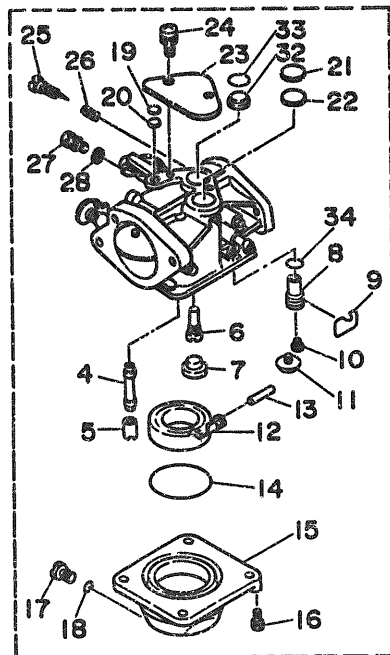


Fig. 4 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-14301-02	CARBURETOR ASS'Y (Upper)	1	19	663-14126-00	. PACKING	3
2	6H5-14302-02	CARBURETOR ASS'Y (Center)	1	20	663-14527-00	. PLATE	3
3	6H5-14303-02	CARBURETOR ASS'Y (Lower)	1	21	688-14126-00	. PACKING	3
4	6H5-14947-02	. NOZZLE, main	3	22	688-14527-00	. PLATE	3
5	676-14943-34	. JET, main (#135)	3	23	6H2-14527-00	. PLATE	3
6	6E9-14948-17	. JET, slow (#75)	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	93210-04228	. O-RING	3
17	663-14992-00	. SCREW, drain	3	35	6H4-W0093-01	CARBURETOR REPAIR SET	1
18	93210-04230	. O-RING	3				

4 See Fig. 32 for detail service parts.

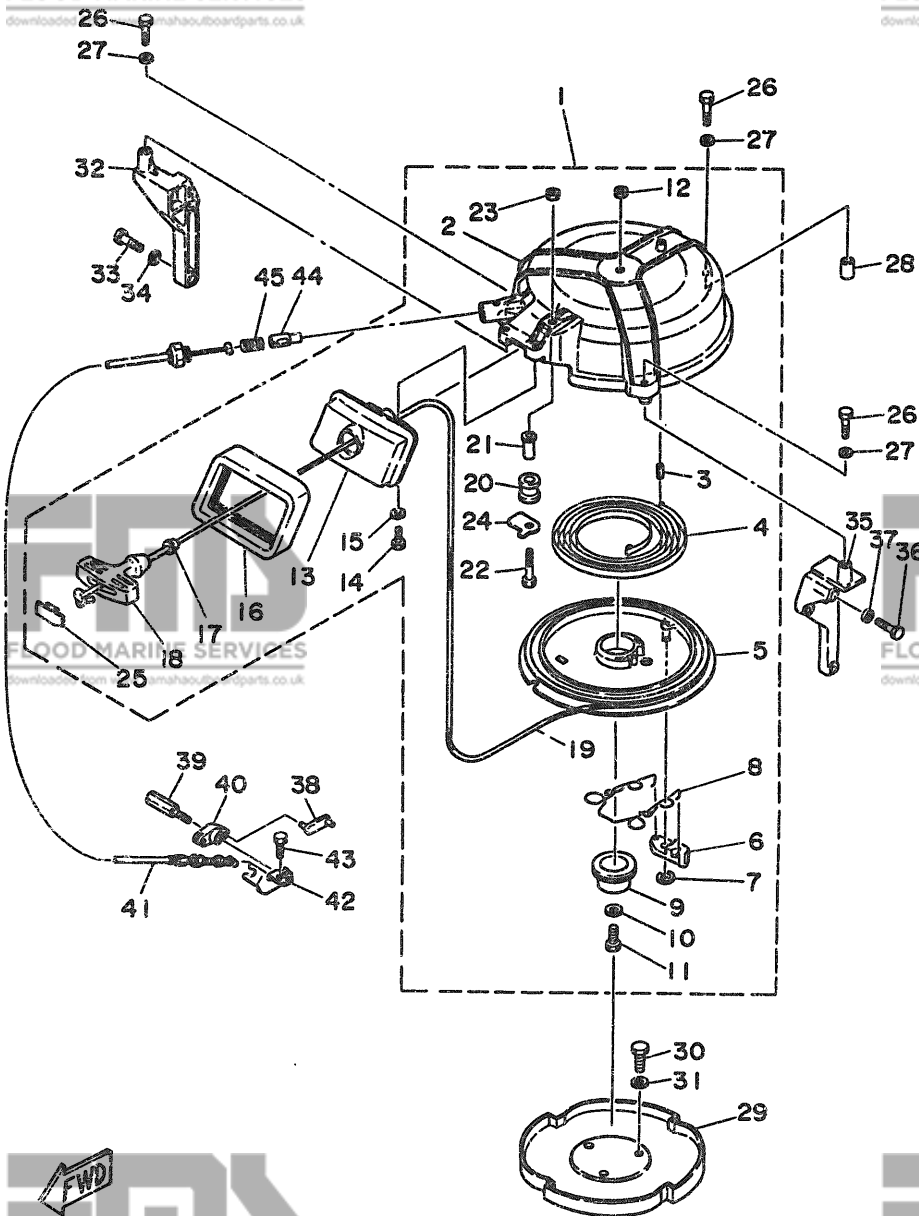


Fig. 5 STARTER

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	LAMPER	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.4, Ref.No.1 to 3

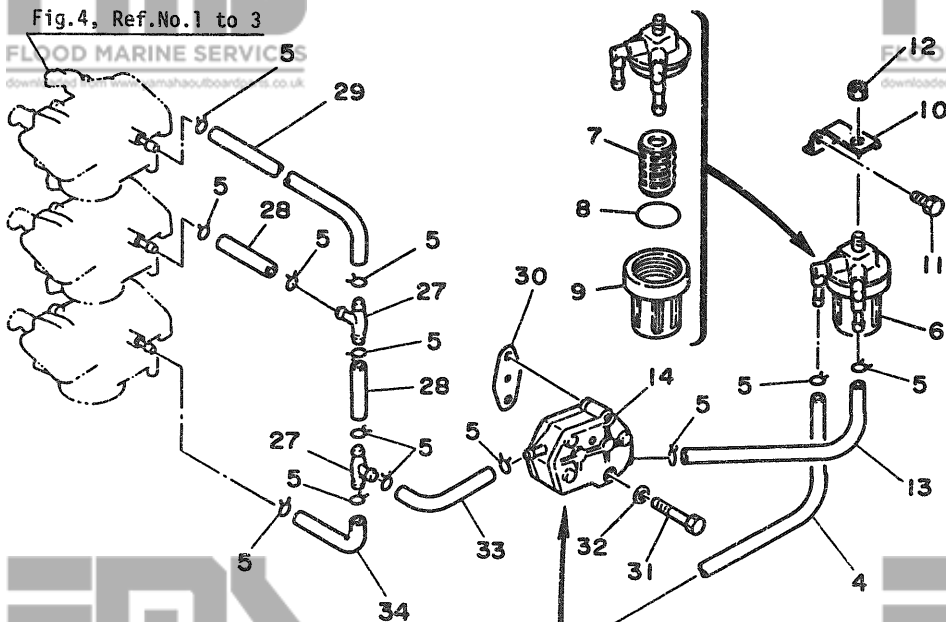
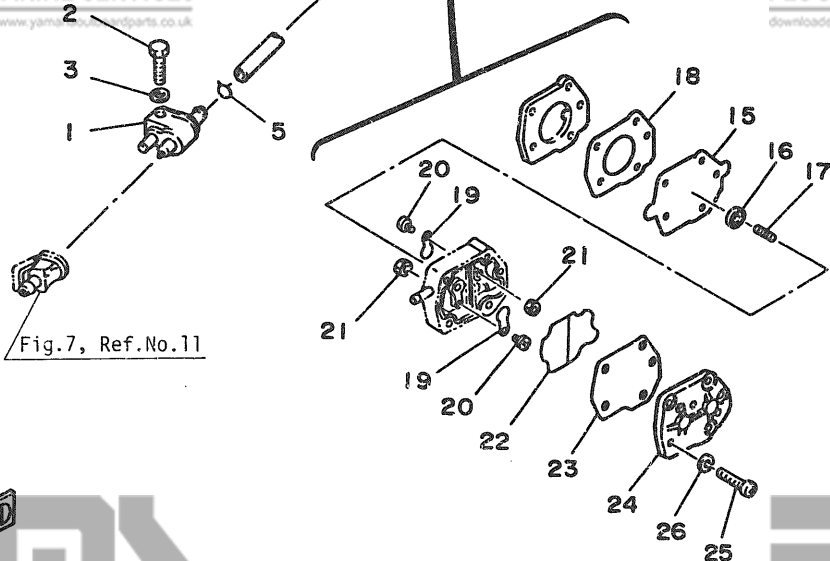


Fig. 6 FUEL 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	661-24304-00	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, Ref.No.11



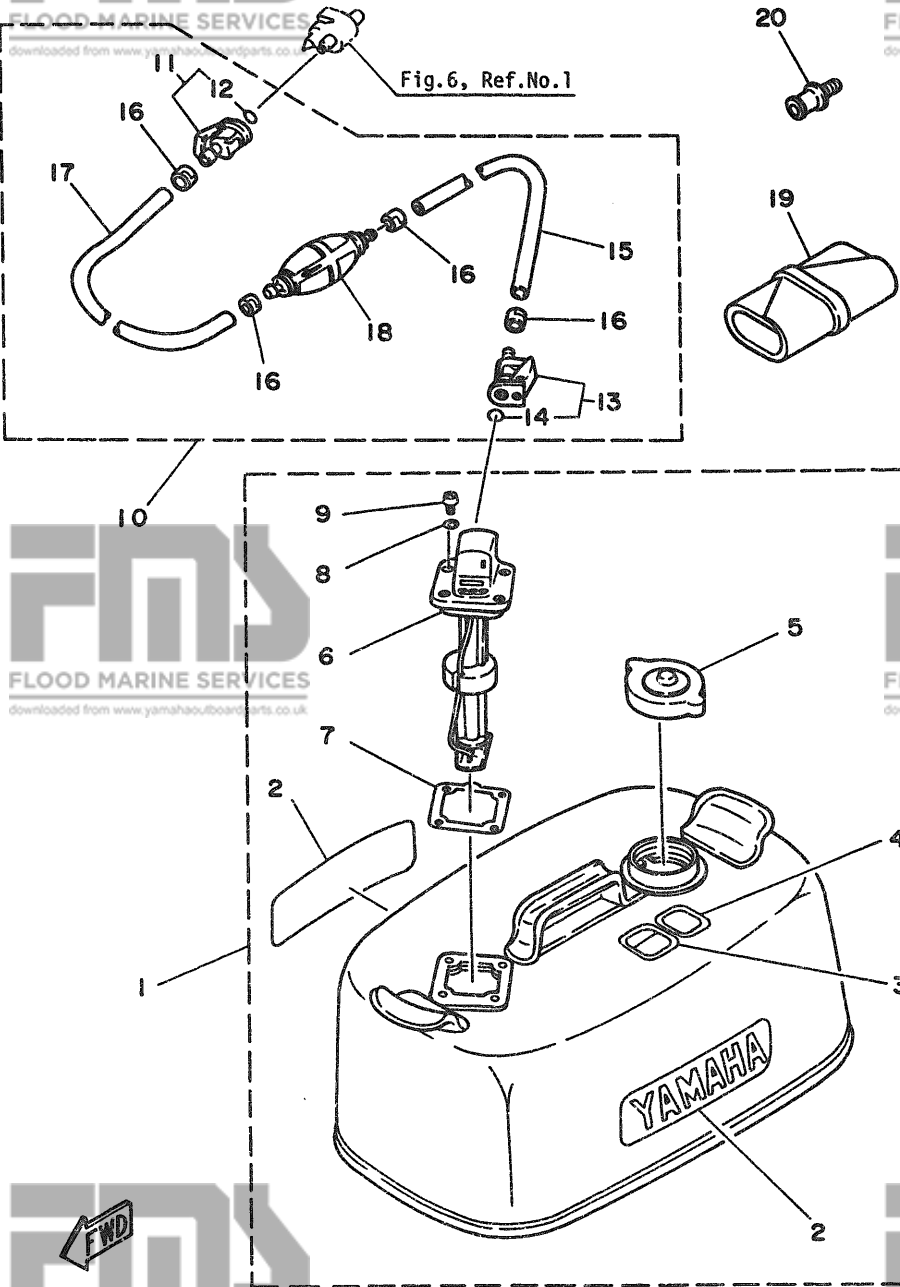


Fig. 7 FUEL 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6Y1-24203-81-24	FUEL TANK ASS'Y	1	11	655-24305-01	FUEL PIPE JOINT COMP. 2	1
2	6Y1-24246-00	GRAPHIC, side	2	12	93210-08287	O-RING	1
3	6Y1-24255-80	GRAPHIC	1	13	6Y1-24305-00	FUEL PIPE JOINT COMP.	1
4	6Y1-24257-00	GRAPHIC	1	14	93210-08287	O-RING	1
5	6Y1-24610-00	CAP ASS'Y	1	+15	90445-11M80	HOSE (1900mm)	1
6	6Y1-24260-00	FUEL METER ASS'Y	1	16	650-24351-00	BAND, fuel pipe 1	4
7	6Y1-24268-00	GASKET, fuel meter housing	1	+17	90445-11M78	HOSE (1000mm)	1
8	6Y1-24329-00	SEAL	4	18	6Y1-24360-00	PRIMARY PUMP ASS'Y	1
9	98586-05016	SCREW, panhead	4	19	6E0-28100-00	TOOL ASS'Y	1
10	6Y1-24306-02	FUEL PIPE ASS'Y	1	20	6E0-28193-00-94	PLUG, water check	1

*Also available in 30m rolls (Parts No. 90890-56878)

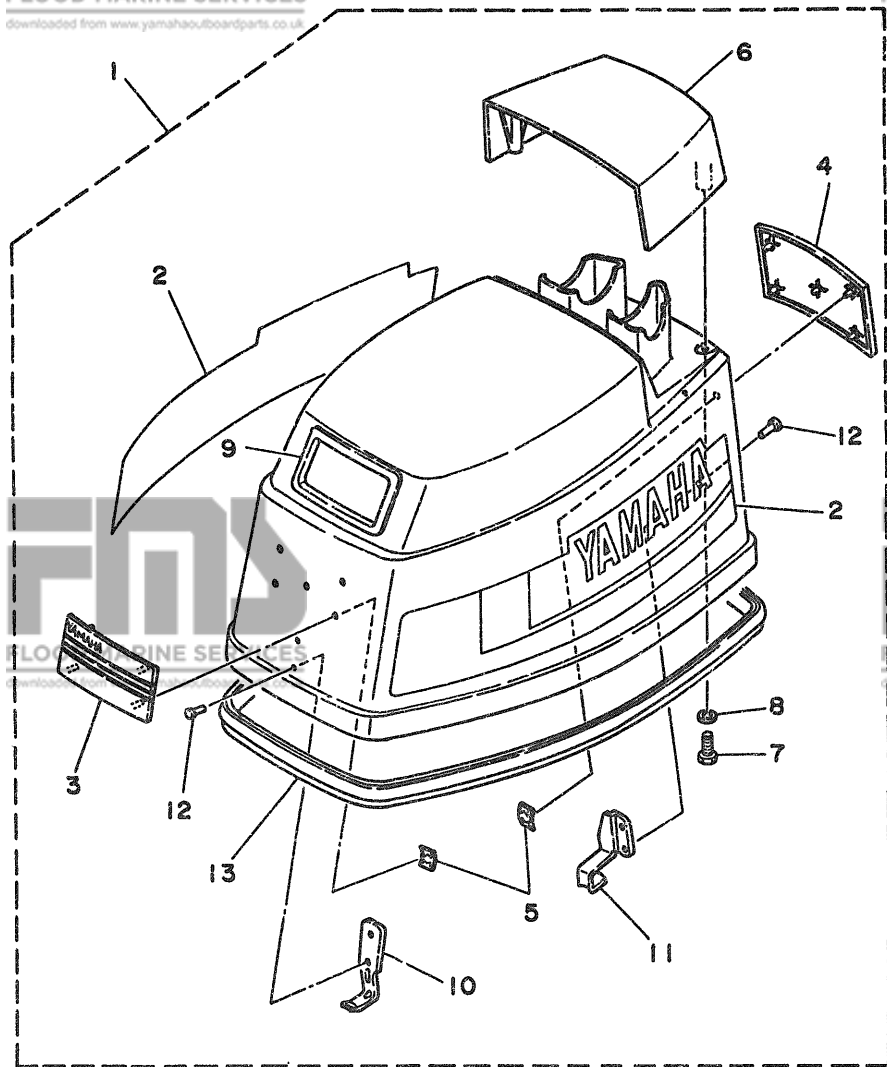


Fig. 8 TOP COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-42610-J0-EJ	TOP COWLING ASS'Y	1	8	92903-06600	. WASHER	4
2	6H4-W0070-20	. GRAPHIC SIDE SET	1	9	6H4-15761-00	. SEAL 1	1
3	6H4-42606-00	. EMBLEM, front	1	10	6H4-42651-00	. HOOK 1	1
4	6H5-42687-00	. 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				

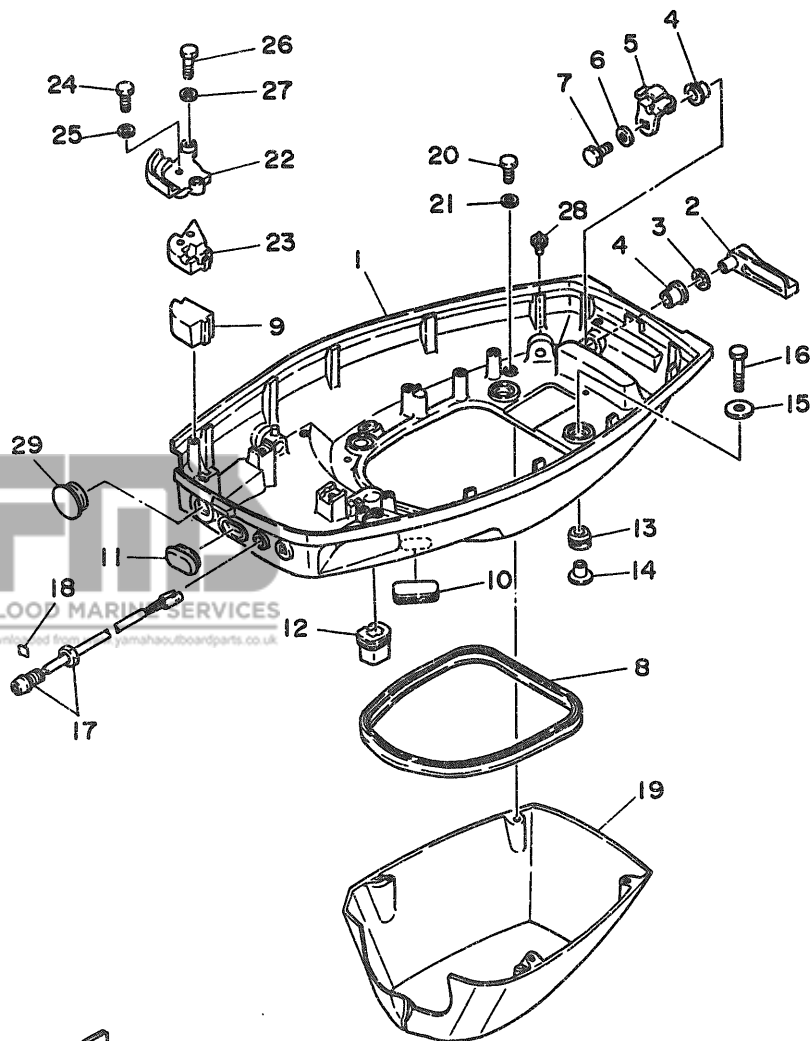


Fig. 9 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-42711-00-EJ	COWLING, bottom	1	15	90201-06416	WASHER	4
2	6H4-42815-00	LEVER, clamp	1	16	97313-06030	BOLT	4
3	90206-12052	WASHER	1	17	6H4-85411-00	OVERHEAT WARNING LAMP	1
4	90386-12069	BUSHING	2	18	6H4-85415-00	MARK	1
5	6H4-42816-00	LEVER, clamp	1	19	6H4-42741-20	APRON 1	1
6	90201-06068	WASHER	1	20	97313-06016	BOLT	4
7	97313-06010	BOLT	1	21	92903-06600	WASHER	4
8	6H4-42716-00	SEAL 1	1	22	6H4-48531-10-94	BRACKET, remote control 1	1
9	6H4-42724-00	GROMMET 1	1	23	6H4-48532-10-94	BRACKET, remote control 2	1
10	6H4-42726-00	GROMMET 3 (50DR/50DE Model)	1 U.R.	24	97313-05016	BOLT	1
*	6H5-42726-00	GROMMET 3 (50DET Model)	1 U.R.	25	92903-05600	WASHER	1
11	6H3-42727-00	GROMMET 4	1	26	97313-06020	BOLT	2
12	682-42727-00	GROMMET 4	1	27	92903-06600	WASHER	2
13	90480-09M12	GROMMET	4	28	6E5-44391-00	NIPPLE, hose 1	1
14	90387-06H41	COLLAR	4	29	676-42726-00	GROMMET 3	1

*Not shown

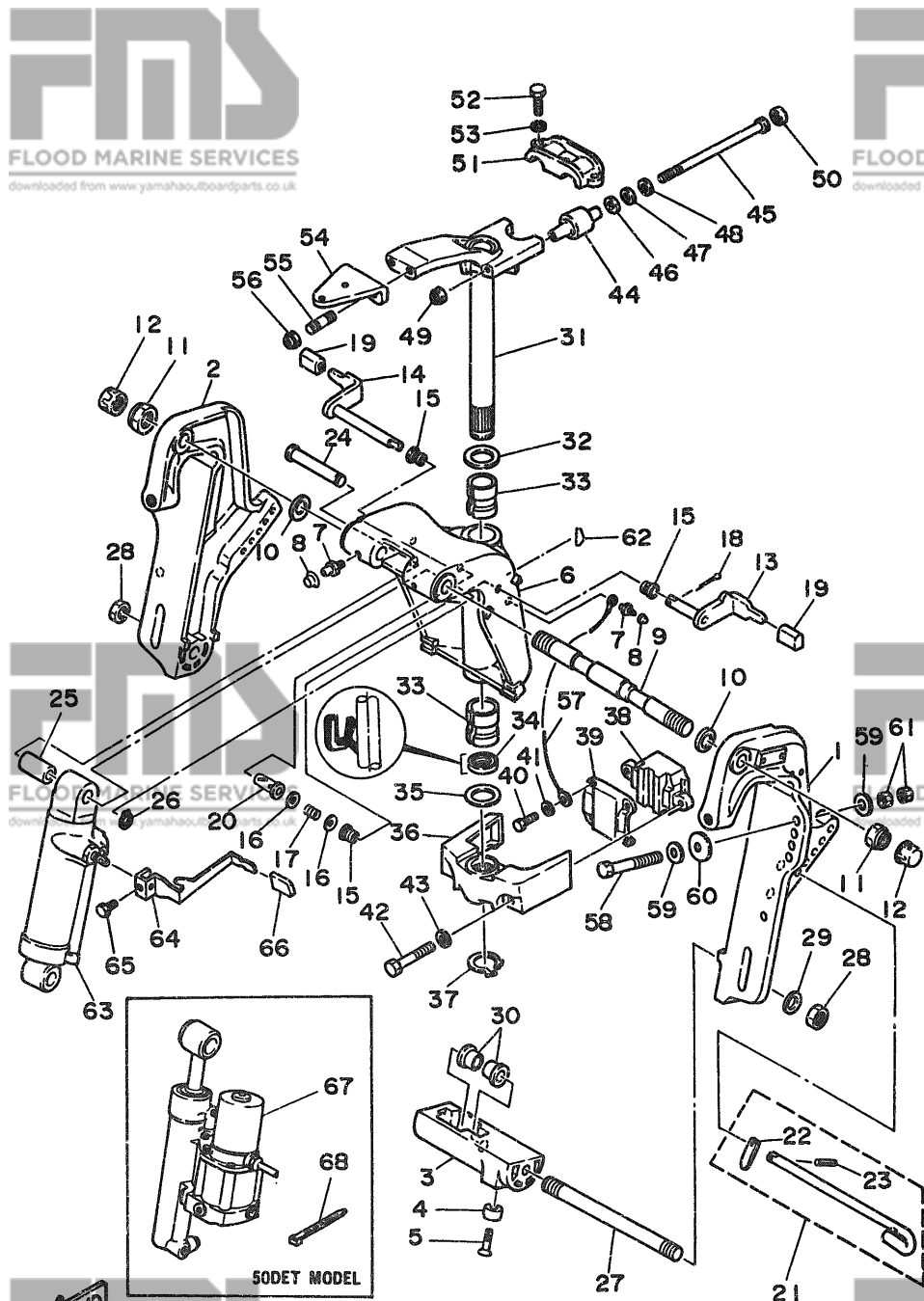


Fig. 10 BRACKET 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-43111-00-EJ	BRACKET, clamp 1 (50DR/50DE Model)	1 U.R.	37	93410-28M06	CIRCLIP	1
2	6H5-43111-10-EJ	BRACKET, clamp 1(50DET Model)	1 U.R.	38	6H4-44557-00	MOUNT RUBBER, lower front (Short)	1 U.R.
3	6H5-43112-00-EJ	BRACKET, clamp 2	1	39	6H4-44557-10	MOUNT RUBBER, lower front (Long)	1 U.R.
4	6H5-43128-00-EJ	SPACER, clamp bracket	1	40	6H4-44553-00	COVER, lower mount	1
5	688-45251-01	ANODE	1	41	97395-08025	BOLT	4
6	92180-06025	SCREW	1	42	92990-08600	WASHER	4
7	6H5-43311-00-EJ	BRACKET, swivel	1	43	97395-10060	BOLT	2
8	93700-06004	NIPPLE, grease	3	44	92990-10600	WASHER	2
9	663-45119-00	CAP, grease nipple	3	45	6H4-44514-00	MOUNT RUBBER, upper side	2
10	663-43131-00	BOLT, clamp bracket	1	46	90101-08M86	BOLT	2
11	90201-22428	WASHER	2	47	90201-15423	WASHER	2
12	90185-22043	NUT, self-locking	2	48	90202-15065	WASHER	2
13	663-43145-00	CAP, clamp bracket	2	49	90201-09425	WASHER	2
14	6H5-43181-00	LEVER, tilt stop 1	1	50	90185-08045	NUT, self-locking	2
15	6H5-43185-00	LEVER, tilt stop 2	1	51	663-44533-00	DAMPER, upper mount rubber	2
16	90386-10M16	BUSHING	3	52	6H4-44511-00-EJ	COVER, upper mount rubber	1
17	92990-10200	WASHER	2	53	97375-08035	BOLT	3
18	90501-10M21	SPRING	1	54	92990-08100	WASHER	3
19	91490-30025	PIN, cotter	1	55	6H4-48511-50-EJ	HOOK, steering	1
20	663-43318-00	COVER	2	56	90116-10175	BOLT, stud	2
21	90386-10M19	BUSHING	1	57	90185-10051	NUT	2
22	676-43160-01	TILT ROD ASS'Y	1	58	6H5-82127-00	WIRE, lead 3	1
23	676-43165-00	STOPPER, plate	1	59	90101-12M65	BOLT	4
24	91690-30010	PIN, spring	1	60	92990-12200	WASHER	8
25	6H5-43126-00	PIN, upper shock mount	1	61	90201-12426	WASHER	4
26	90386-14M51	BUSHING	1	62	95380-12600	NUT	8
27	93410-14M07	CIRCLIP	1	63	688-43691-01	INDICATOR, tilt (50DR/50DE Model)	1
28	90116-18M21	BOLT, stud	1	64	6H5-43170-00-EJ	SHOCK ABSORBER ASS'Y (50DR/50DE Model)	1
29	90170-18M10	NUT	2	65	6H5-43631-00	LEVER, tilt (50DR/50DE Model)	1
30	92990-18600	WASHER	1	66	97380-06010	BOLT (50DR/50DE Model)	1
31	90386-18M44	BUSHING	2	67	682-43318-01	COVER (50DR/50DE Model)	1
32	6H4-42510-00-EJ	BRACKET STEERING ASS'Y	1	68	6H5-43840-00-EJ	POWER TILT ASS'Y (50DET Model)	1
33	90201-30420	WASHER	1	69	90465-13M11	CLAMP (50DET Model)	1
34	90386-30048	BUSHING	2				
35	93109-30M03	OIL SEAL	1				
36	90201-31418	WASHER, plate	1				
37	6H4-44551-00-EJ	HOUSING, lower mount	1				

*Not shown

▲See Fig. 25 for detail service parts.

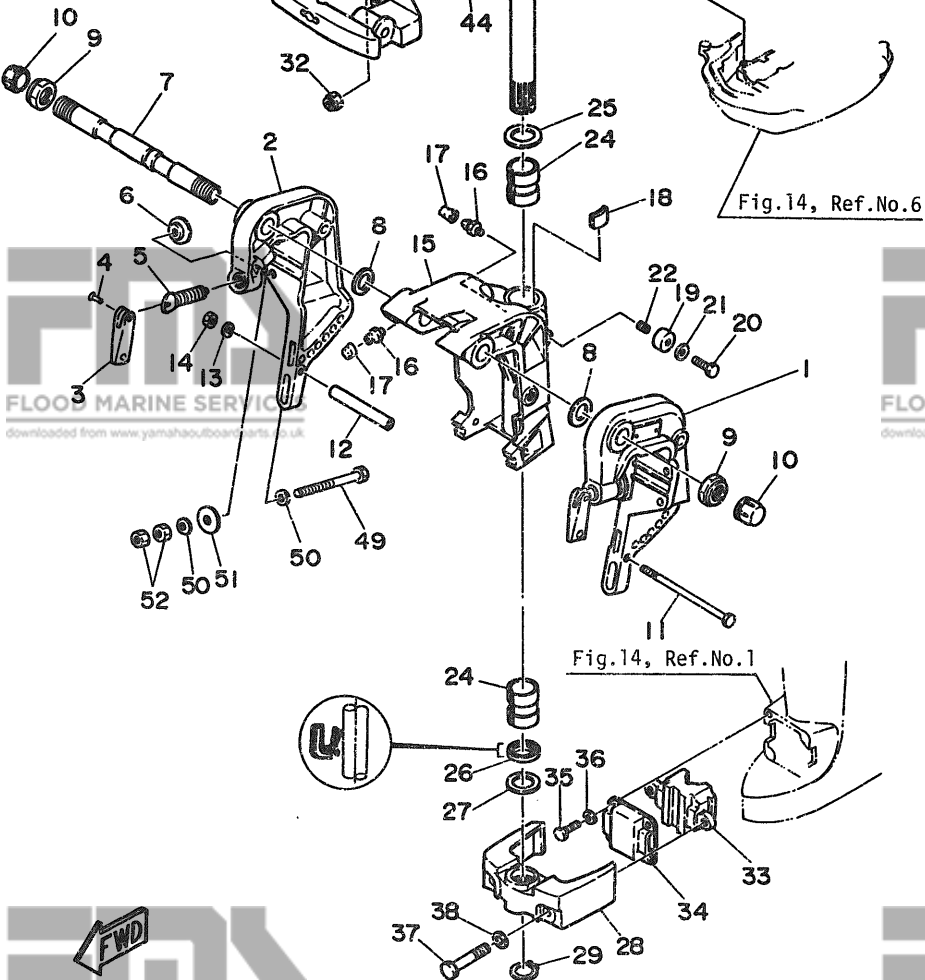


Fig. 11 BRACKET 1 (50DR SHORT TRANSOM)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-43111-01-EJ	BRACKET, clamp 1	1	27	90201-31418	WASHER	1
2	6H4-43112-00-EJ	BRACKET, clamp 2	1	28	6H4-44551-00-EJ	HOUSING, lower mount	1
3	616-43118-00-EJ	HANDLE, transom clamp	2	29	93410-28M06	CIRCLIP	1
4	90243-04001	PIN	2	30	6H4-42121-00-94	BRACKET	1
5	90149-14030	SCREW	2	31	90116-10175	BOLT, stud	2
6	648-43114-01	PAD, transom clamp	2	32	90185-10051	NUT, self-locking	2
7	663-43131-00	BOLT, clamp bracket	1	33	6H4-44557-00	MOUNT RUBBER, lower front	1
8	90201-22428	WASHER	2	34	6H4-44553-00	COVER, lower mount	1
9	90185-22043	NUT, self-locking	2	35	97395-08025	BOLT	4
10	663-43145-00	CAP, clamp bracket	2	36	92990-08500	WASHER	4
11	90101-08339	BOLT	1	37	97395-10660	BOLT	2
12	90387-09074	COLLAR	1	38	92990-10600	WASHER	2
13	92990-08600	WASHER	1	39	6H4-44514-00	MOUNT RUBBER, upper side	2
14	95380-08600	NUT	1	40	90101-08M86	BOLT	2
15	6H4-43311-00-EJ	BRACKET, swivel	1	41	90201-15423	WASHER	2
16	93700-06004	NIPPLE, grease	3	42	90202-15M30	WASHER	2
17	663-45119-00	CAP, grease nipple	3	43	90201-09425	WASHER	2
18	6H4-42528-00	PIECE, friction	1	44	90185-08045	NUT, self-locking	2
19	676-43373-00	DAMPER	1	45	663-44533-00	DAMPER, upper mount rubber	2
20	97375-08030	BOLT	1	46	6H4-44511-00-EJ	COVER, upper mount rubber	1
21	92990-08600	WASHER	1	47	97375-08035	BOLT	3
22	90501-18M00	SPRING, compression	1	48	92990-08100	WASHER	3
23	6H4-42510-00-EJ	STEERING BRACKET ASS'Y	1	49	90101-10M58	BOLT	4
24	90386-30048	BUSHING	2	50	92990-10600	WASHER	8
25	90201-30420	WASHER	1	51	90201-12426	WASHER	4
26	93109-30M03	OIL SEAL	1	52	95380-10600	NUT	8

Fig. 12 BRACKET 2 (50DR SHORT TRANSOM)

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	689-43643-01	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

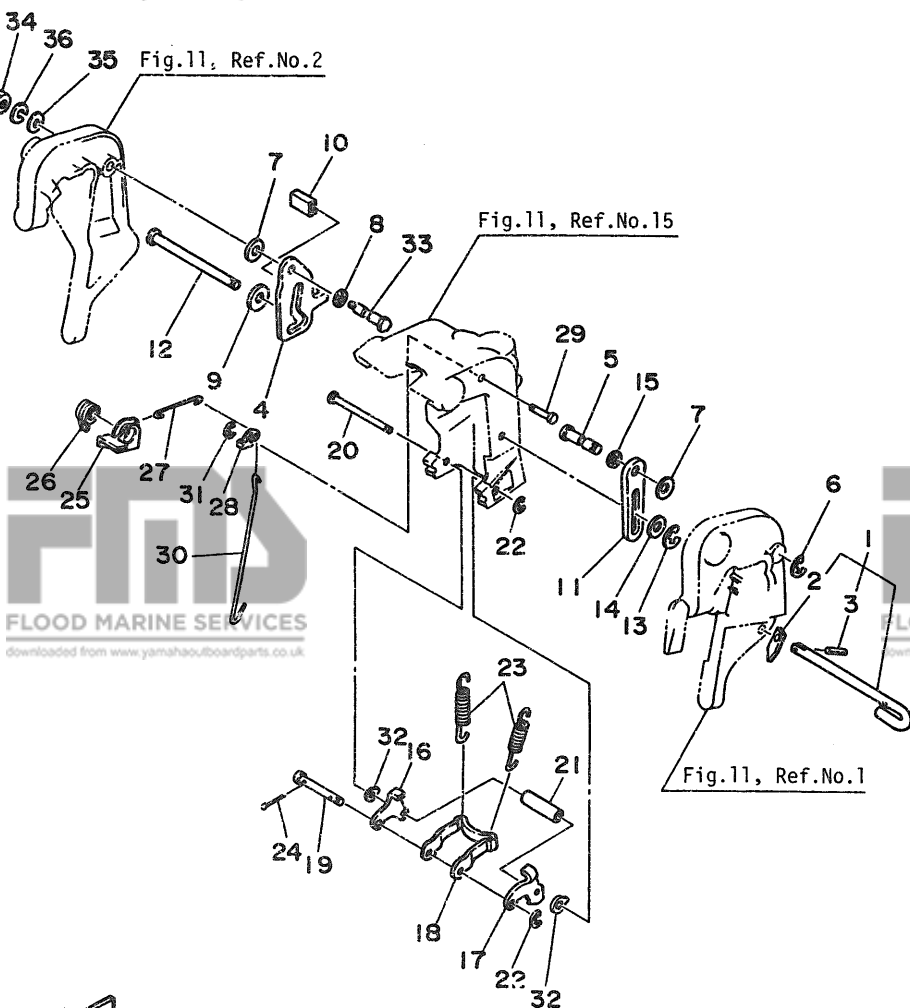


Fig.17, Ref.No.3
Fig.20, Ref.No.3(50DE/50DET MODEL)

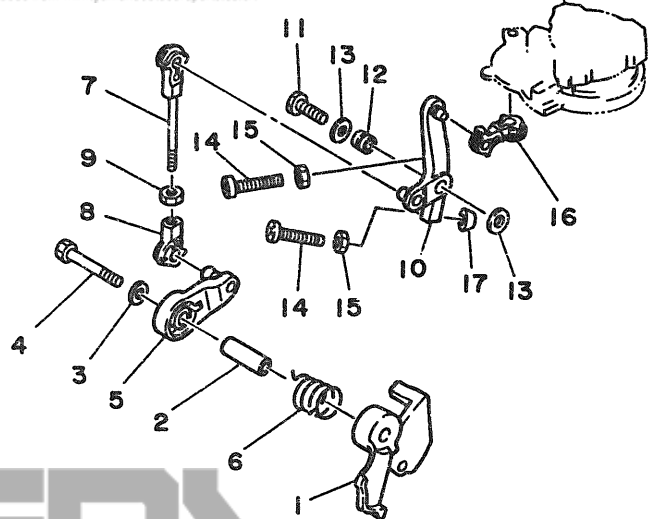


Fig. 13 CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-41213-12	CAM, accel. (50QR Model)	1 U.R.	18	6H4-44111-10	HANDLE, gear shift	1
※	6H4-41213-02	CAM, accel. (50DE/50DET Model)	1 U.R.	19	682-44132-00	BUSHING	1
2	90387-06M63	COLLAR	1	20	6H4-44121-01	LEVER, shift rod 1	1
3	90387-06298	COLLAR	1	21	91690-30318	PIN, spring	1
4	97313-06040	BOLT	1	22	6H4-44116-00	SPRING	1
5	6H4-41632-00	LEVER, magneto control 2	1	23	682-44117-00	BRACKET	1
6	90508-26M20	SPRING, torsion	1	24	97313-06016	BOLT	1
7	6H4-41636-00	ROD, magneto control	1	25	6H4-44125-01	LEVER, shift rod 2	1
8	662-41237-01	JOINT, link 2	1	26	91690-30316	PIN, spring	1
9	95303-05600	NUT	1	27	6F5-41662-00	BRACKET 2	1
10	6H4-41631-00	LEVER, magneto control 1	1	28	97313-06020	BOLT	2
11	97313-06025	BOLT	1	29	92903-06600	WASHER	2
12	90387-06M02	COLLAR	1	30	6H4-44143-00	ROD, shift 1	1
13	90387-06298	COLLAR	2	31	91790-05020	PIN	1
14	90157-06M00	SCREW	2	32	92990-05600	WASHER	1
15	95303-06600	NUT	2	33	91490-16010	PIN, cotter	1
16	6H3-41238-00	JOINT, link	1	34	648-44146-00	CONNECTOR, shift rod 2	1
17	688-44194-00	CAP	1	35	90170-07021	NUT	1

※Not shown

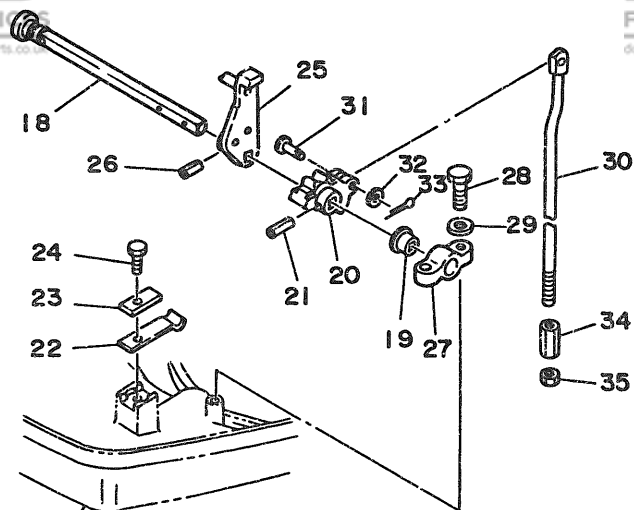


Fig.9, Ref.No.1

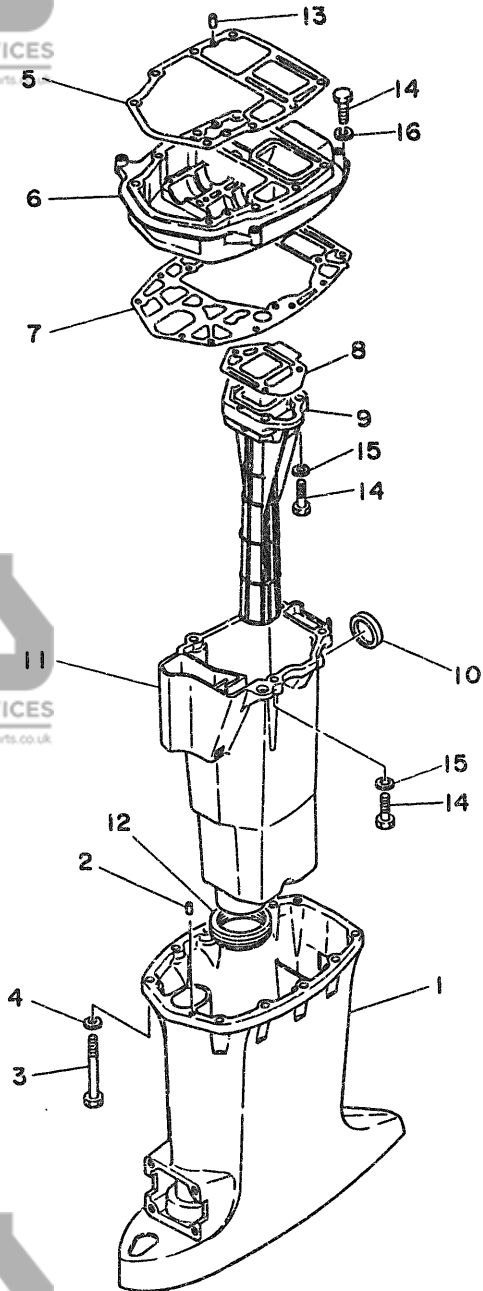


Fig. 14 UPPER CASING

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	6H5-41131-00-9M	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	90101-08080	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

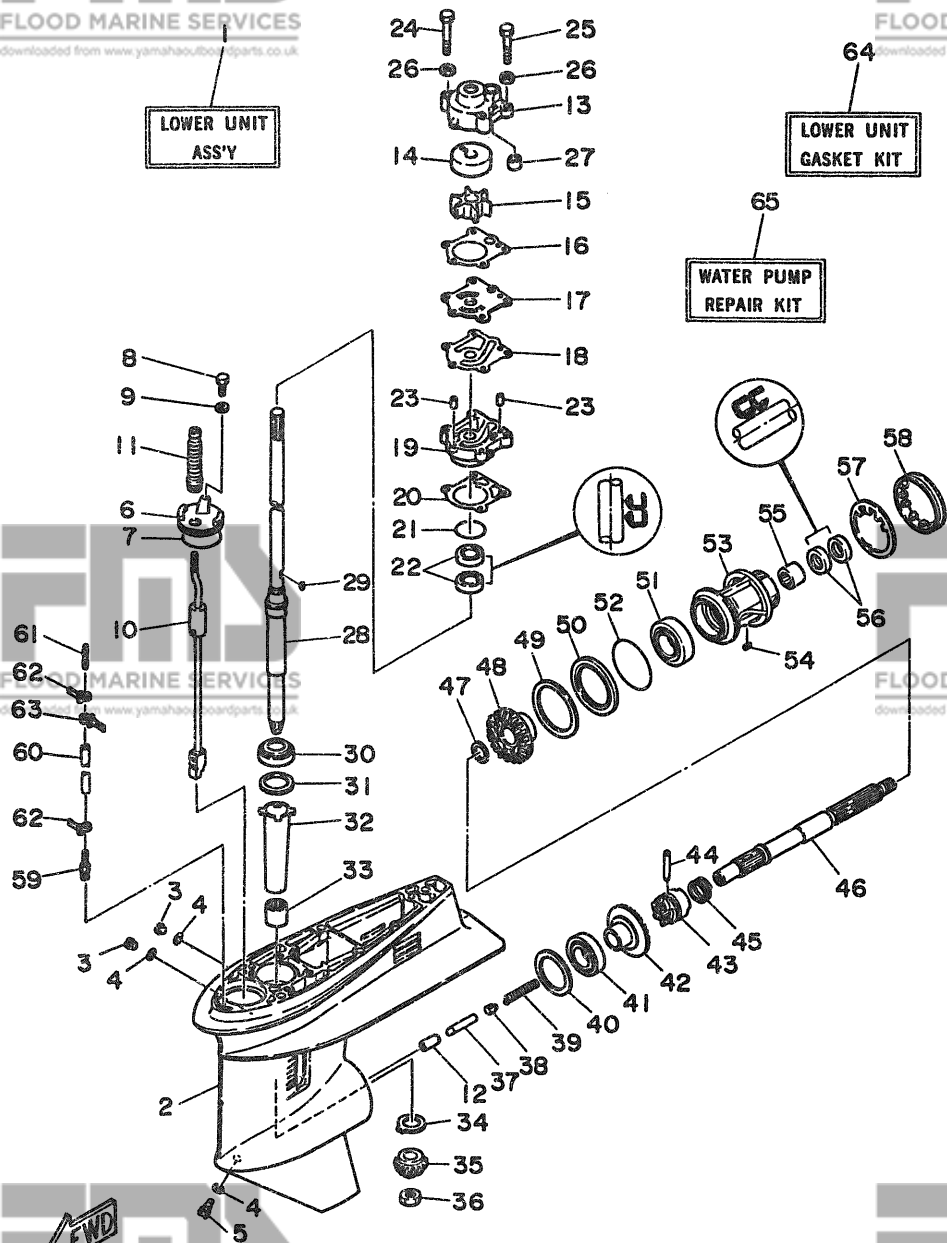


Fig. 15 LOWER & DRIVE 1

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 63)	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	90340-08002	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.
10	6H4-44150-00	SHIFT CAM ASS'Y (Short)	1 U.R.		6H4-45567-00-30	SHIM 1 (0.30mm)	1 U.R.
11	655-44147-00	BOOT, shift rod	1		6H4-45567-00-50	SHIM 1 (0.50mm)	1 U.R.
12	6H4-44160-00	DETENT COMP.	1	41	93332-000V4	BEARING, taper roller	1
13	663-44311-02	HOUSING, water pump 1	1	42	6H4-45560-00	GEAR 1 ASS'Y (24T)	1
14	663-44322-00	INSERT, cartridge	1	43	6H4-45631-00	CLUTCH, dog	1
15	6H4-44352-00	IMPELLER	1	44	90250-06023	PIN, straight	1
16	663-44315-00	GASKET, water pump 1	1	45	663-45633-00	RING, cross pin	1
17	663-44323-00	OUTER PLATE, cartridge	1	46	679-45611-01	SHAFT, propeller	1
18	663-44324-00	GASKET, cartridge outer plate	1	47	90201-22429	WASHER	1
19	663-44341-00-94	HOUSING, water pump 2	1	48	6H4-45571-00	GEAR 2 (24T)	1
20	663-44316-00	GASKET, water pump 2	1	49	663-45577-00-05	SHIM 2 (0.05mm)	1 U.R.
21	93210-41042	O-RING	1		663-45577-00-08	SHIM 2 (0.08mm)	1 U.R.
22	93101-23070	OIL SEAL	2		663-45577-00-12	SHIM 2 (0.12mm)	1 U.R.
23	93604-08062	PIN, dowel B	2		663-45577-00-30	SHIM 2 (0.30mm)	1 U.R.
24	97395-08055	BOLT	2		663-45577-00-50	SHIM 2 (0.50mm)	1 U.R.
25	97395-08045	BOLT	2	50	663-45576-00	WASHER, thrust 2	1
26	92990-08600	WASHER	4	51	93306-00702	BEARING (B6007)	1
27	663-44366-00	DAMPER, water seal 2	1	52	93210-66262	O-RING	1
28	6H4-45501-00	DRIVE SHAFT ASS'Y (Short)	1 U.R.	53	679-45331-00-94	HOUSING, bearing	1
29	90280-03024	KEY, woodruff	1	54	90282-04010	KEY, straight	1
30	93332-00023	BEARING, taper roller	1	55	93317-22204	BEARING, needle	1
31	663-45587-00-05	SHIM 3 (0.05mm)	1 U.R.	56	93101-22M00	OIL SEAL	2
	663-45587-00-08	SHIM 3 (0.08mm)	1 U.R.	57	90214-48008	WASHER, claw	1
	663-45587-00-12	SHIM 3 (0.12mm)	1 U.R.	58	697-45384-00	NUT	1
	663-45587-00-30	SHIM 3 (0.30mm)	1 U.R.	59	6E5-45378-00	NIPPLE, hose	1
	663-45587-00-50	SHIM 3 (0.50mm)	1 U.R.	60	90445-07M31	HOSE	1
32	6H4-45536-00	SLEEVE, drive shaft	1	61	6E5-83558-00	END, nipple	1
33	93315-32224	BEARING, needle	1	62	90465-11M10	CLAMP	2
				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. 32 for detail service parts.

★

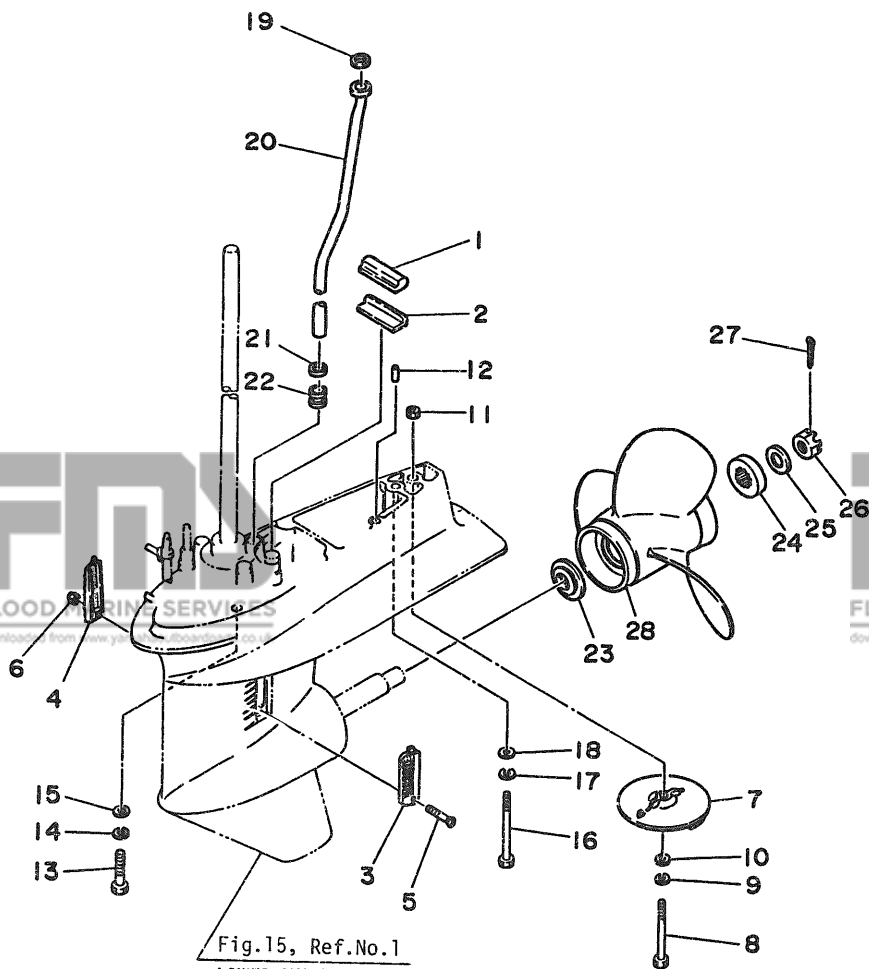


Fig.15, Ref.No.1
LOWER UNIT ASS'Y

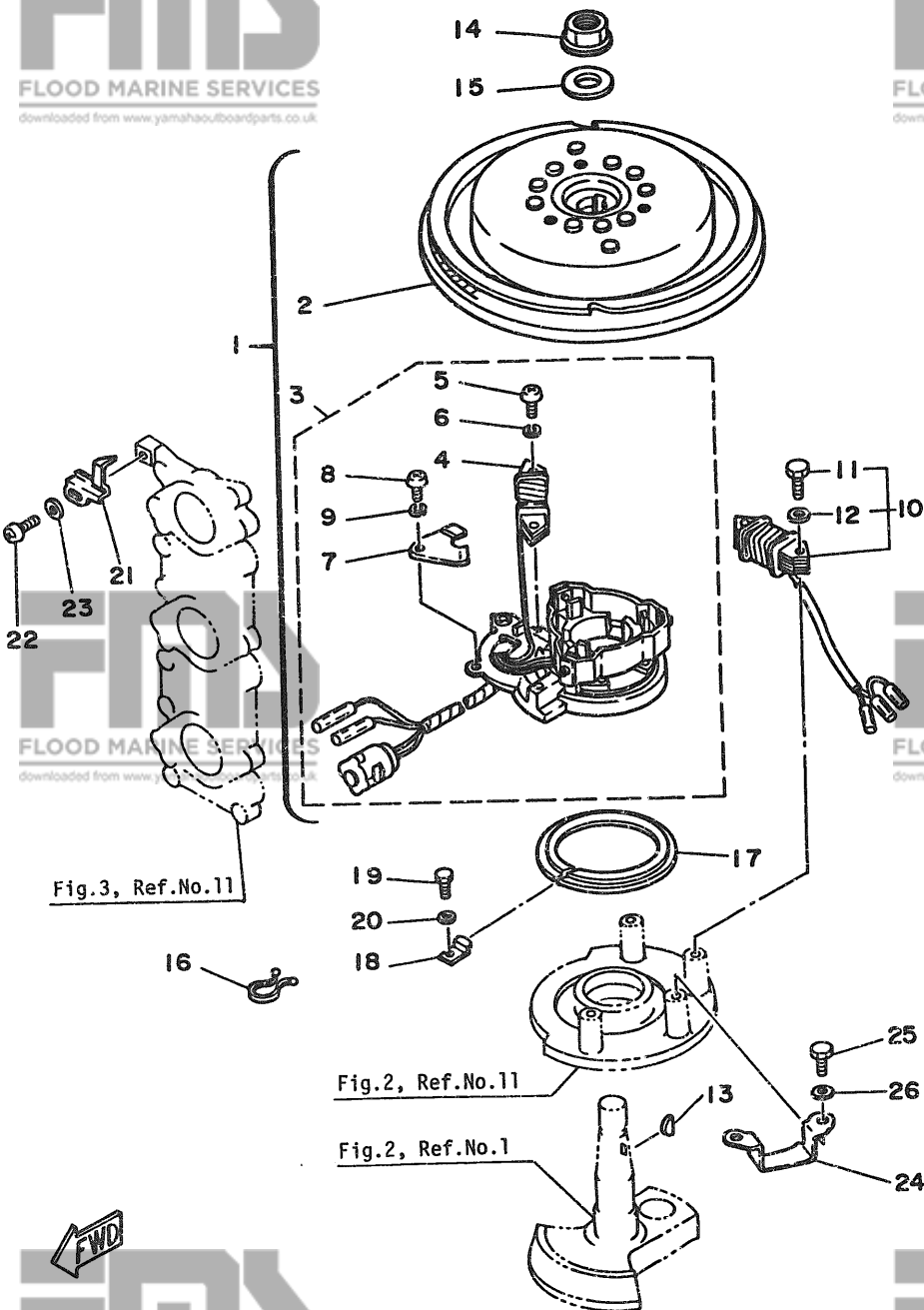
Fig. 16 LOWER & DRIVE 2

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. 17 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	1
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	92503-06600	WASHER	2



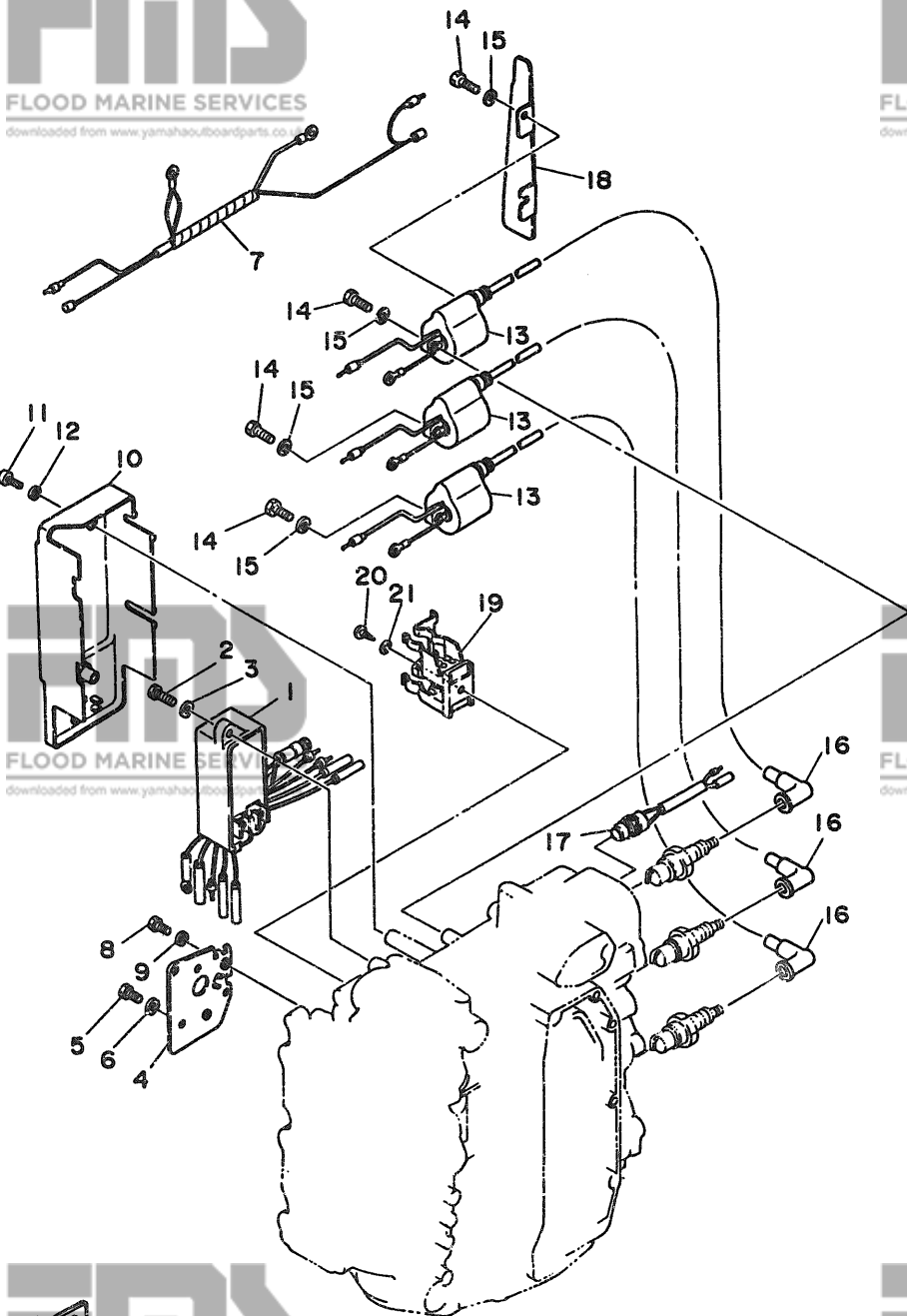


Fig. 18 ELECTRIC PARTS 1

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	*	661-82370-20	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	92903-06600	WASHER	1

*Not shown

Fig. 19 TOP COWLING (50DE/50DET MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H5-42610-20-EJ	TOP COWLING ASS'Y	1	8	92903-06600	WASHER	4
2	6H4-M0070-20	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	6H5-42687-00	EMBLEM, rear	1	11	90266-04M01	RIVLET	1
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				

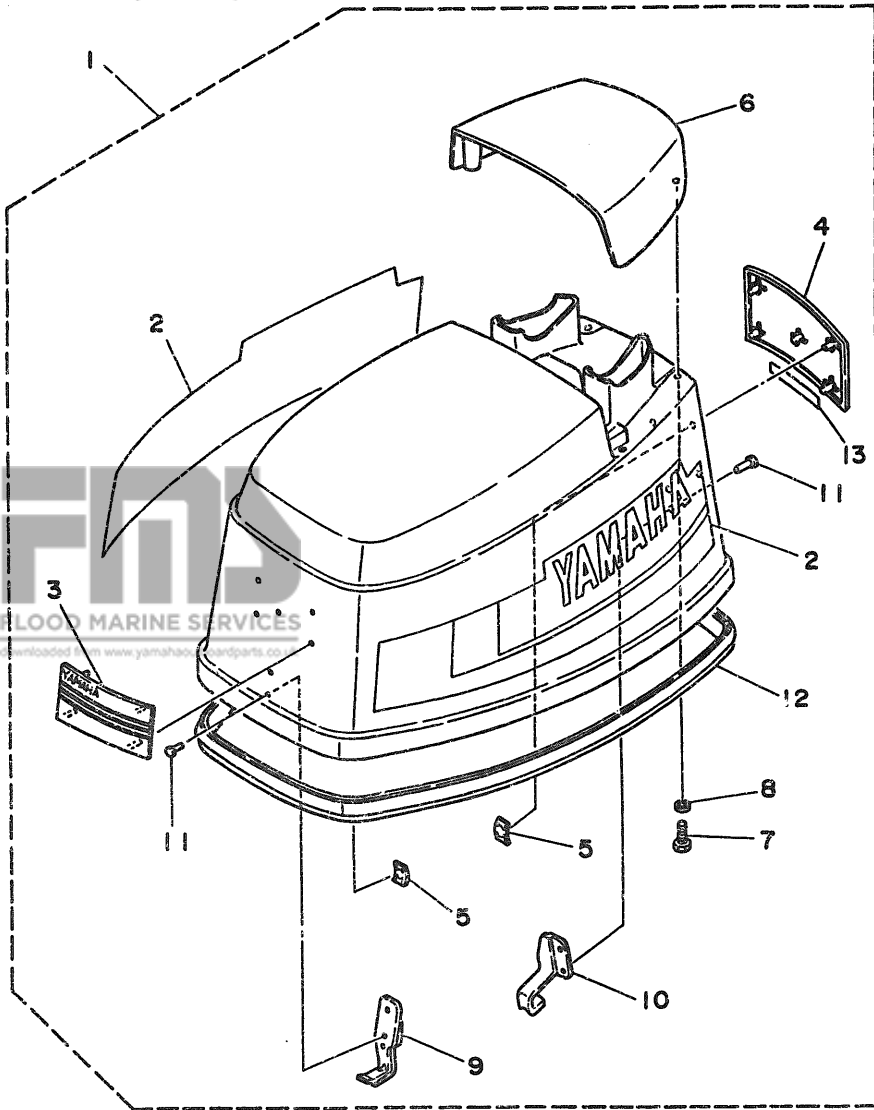
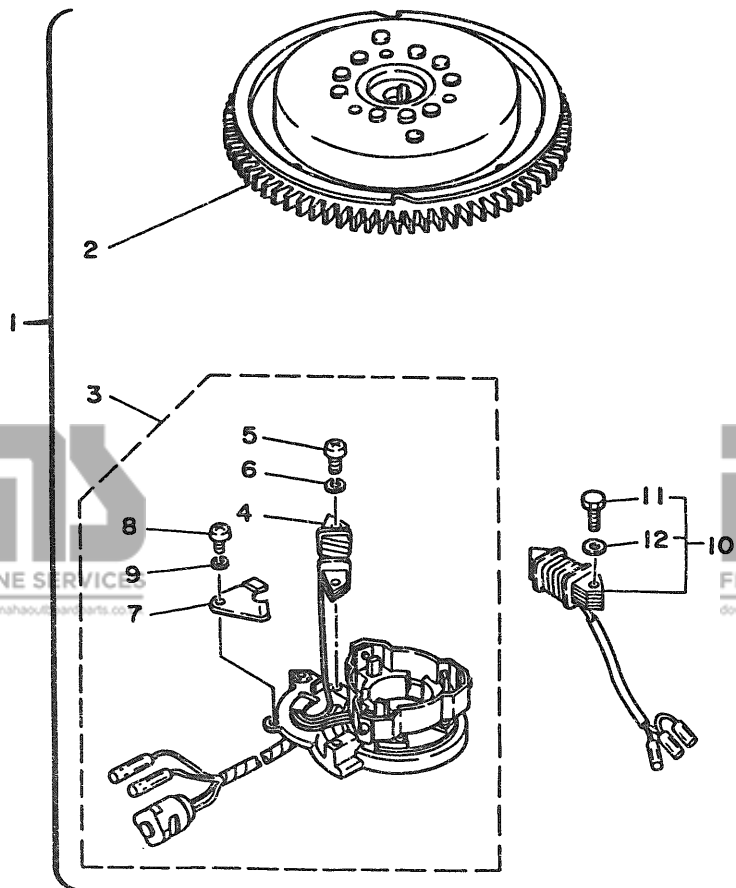


Fig. 20 C.D.I. MAGNETO (50DE/50DET MODEL)

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



FWD

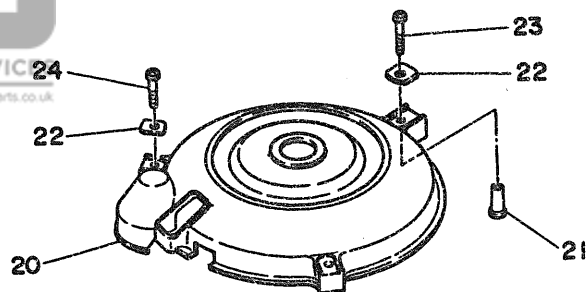


Fig. 21 ELECTRIC MOTOR (50DE/50DET MODEL)

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	97313-08030	BOLT	2
4	6H4-81830-10	FRONT COVER ASS'Y	1	16	92903-08600	WASHER	2
5	689-81847-11	O-RING	2	17	97313-08016	BOLT	1
6	689-81809-11	WASHER KIT	1	18	92903-08600	WASHER	1
7	689-81850-11	ARMATURE ASS'Y	1	19	6H4-82117-00	WIRE, lead	1
8	6H3-81810-10	STATOR ASS'Y	1	20	6H4-81337-00	COVER, flywheel	1
9	689-81811-11	BRUSH 1 (+)	1	21	90387-06M65	COLLAR	3
10	689-81840-11	BRUSH HOLDER ASS'Y	1	22	90209-06M04	WASHER	3
11	689-81812-11	BRUSH 2 (-)	1	23	97803-06035	SCREW	1
12	689-81813-10	SPRING, brush	2	24	97803-06030	SCREW	2

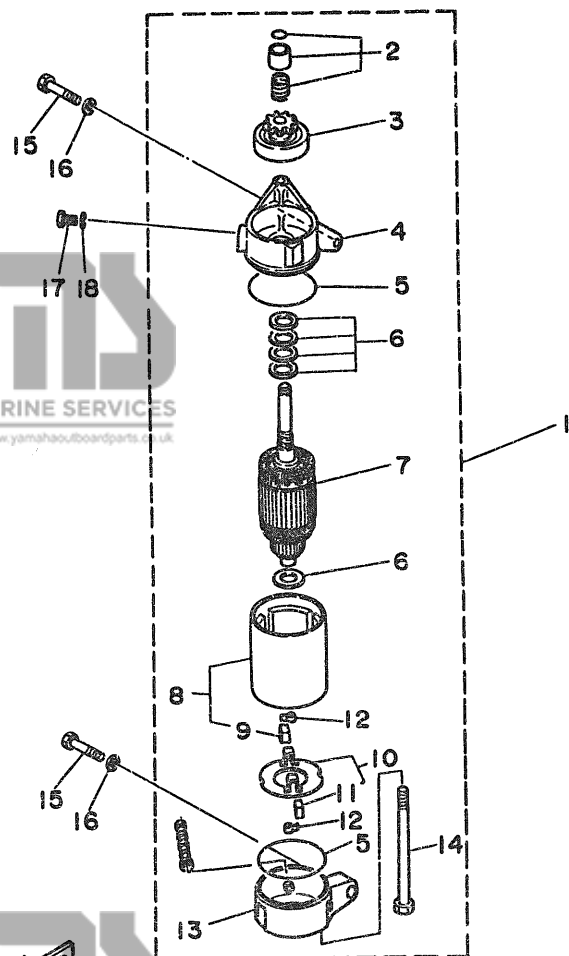
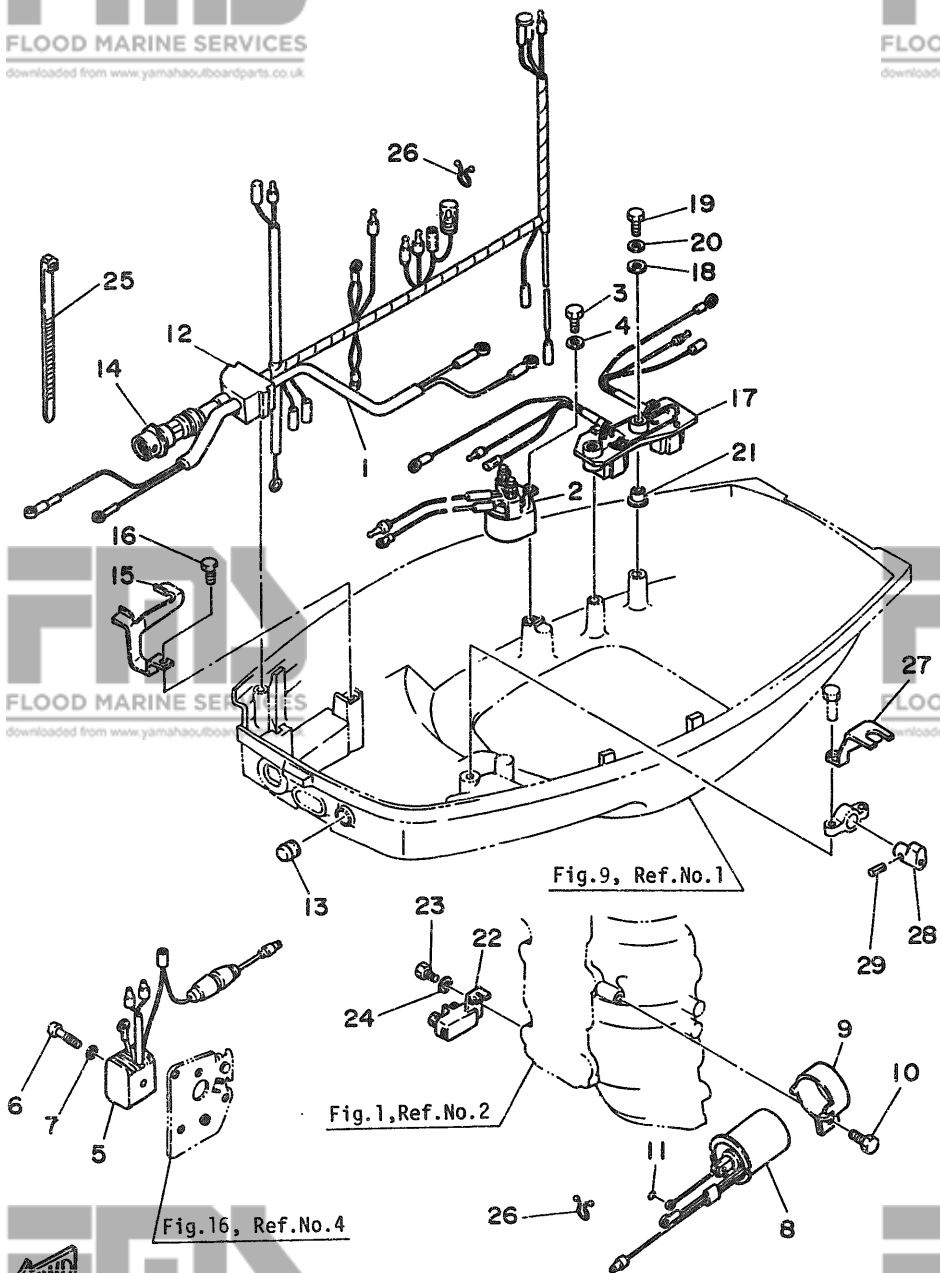


Fig. 22 ELECTRIC PARTS 2 (50DE/50DET MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6H4-82105-00	WIRE LEAD ASS'Y	1	16	97313-06012	BOLT	1
2	688-81950-10	STARTER RELAY ASS'Y	1	17	6H5-81950-10	STARTER RELAY ASS'Y	1
3	97313-06016	BOLT	1			(50DET Model)	1
4	92903-06600	WASHER	1	18	92990-06200	WASHER (50DET Model)	2
5	6G1-81970-60	RECTIFIER ASS'Y	1	19	97313-06025	BOLT (50DET Model)	2
6	97803-05025	SCREW	1	20	92903-06600	WASHER (50DET Model)	2
7	92903-05600	WASHER	1	21	90387-06M70	COLLAR (50DET Model)	2
8	6H4-86110-00	SOLENOID COIL ASS'Y	1	22	6H5-81920-00	TERMINAL ASS'Y (50DET Model)	1
9	6H4-86112-00	STAY, solenoid	1	23	97313-06012	BOLT (50DET Model)	1
10	97313-06014	BOLT	1	24	92903-06600	WASHER (50DET Model)	1
11	93210-03261	O-RING	1	25	90465-13M24	CLAMP	1
12	6H4-42724-20	GROMMET 1	1	26	90465-18147	CLAMP	2
13	6H4-42725-00	GROMMET 2	1	27	6H4-82554-00	STAY, neutral switch	1
14	6H4-82590-02	WIRE HARNESS ASS'Y(50DE Model)	1 U.R.	28	6H4-44173-00	LEVER, shift control	1
※	6H4-82590-11	WIRE HARNESS ASS'Y (50DET Model)	1 U.R.	29	91690-30020	PIN, spring	1
15	6H4-82588-00	PLATE	1				

*Not shown



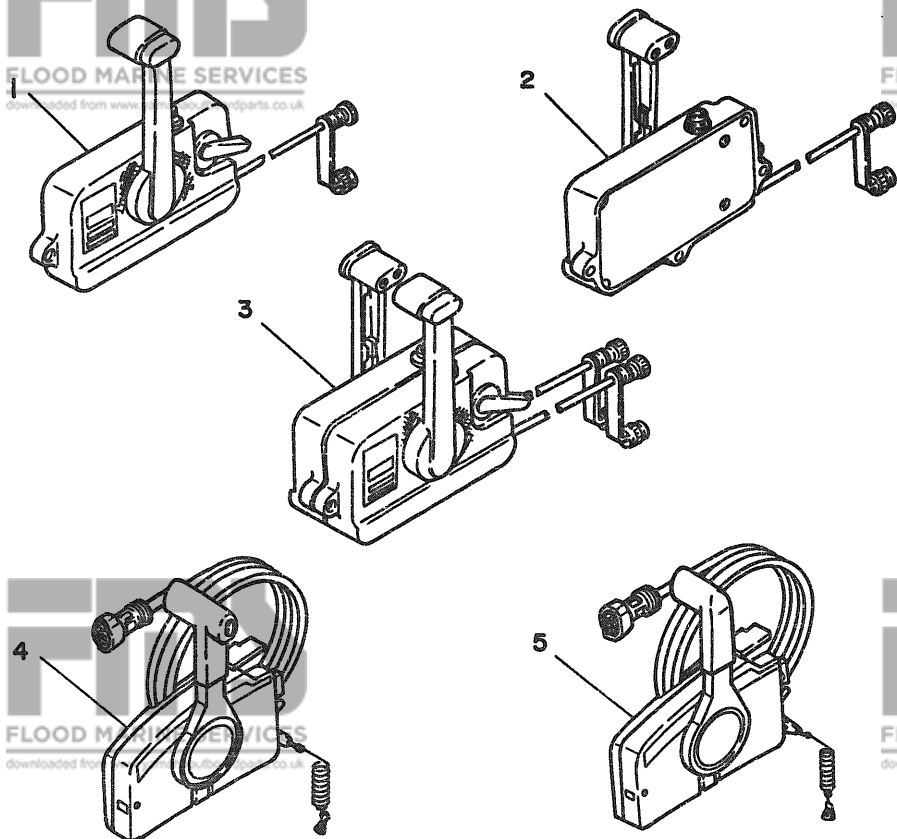


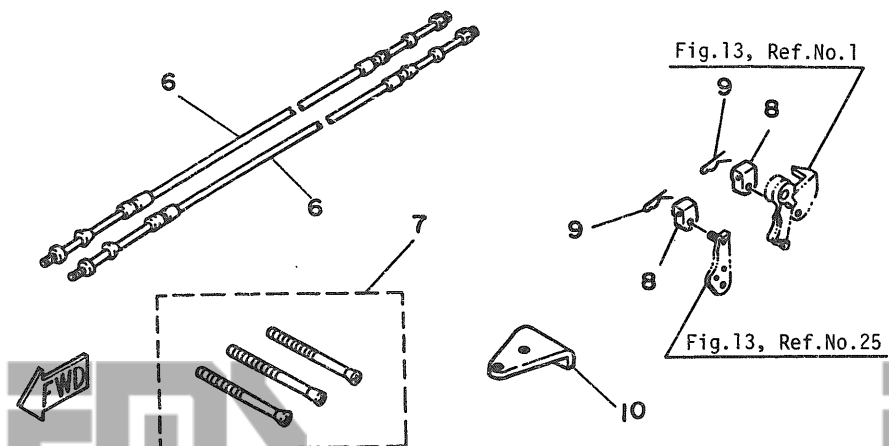
Fig. 23 REMOTE CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
● 1	701-48101-10	REMOTE CONTROL ASS'Y 1 (Right)	1 U.R.	701-48320-30	CABLE, remote control 14F	2 U.R.	
● 2	701-48102-10	REMOTE CONTROL ASS'Y 1 (Left)	1 U.R.	701-48320-50	CABLE, remote control 15F	2 U.R.	
● 3	701-48110-22	REMOTE CONTROL ASS'Y 2	1 U.R.	701-48320-60	CABLE, remote control 16F	2 U.R.	
▲ 4	703-48230-10	REMOTE CONTROL ASS'Y (7P)	1 U.R.	701-48320-80	CABLE, remote control 17F	2 U.R.	
▲※	703-48250-10	REMOTE CONTROL ASS'Y (10P) (With Tilt Switch)	1 U.R.	701-48320-90	CABLE, remote control 18F	2 U.R.	
▲ 5	703-48220-10	REMOTE CONTROL ASS'Y (7P) (For Twin Lever)	1 U.R.	701-48320-40	CABLE, remote control 19F	2 U.R.	
▲※	703-48280-10	REMOTE CONTROL ASS'Y (10P) (For Twin Lever)	1 U.R.	701-48320-70	CABLE, remote control 20F	2 U.R.	
REMOTE CONTROL CABLE				701-48350-00	CABLE, remote control 21F	2 U.R.	
6	701-48310-10	CABLE, remote control 6F	2 U.R.	701-48350-10	CABLE, remote control 22F	2 U.R.	
	701-48310-20	CABLE, remote control 7F	2 U.R.	701-48350-20	CABLE, remote control 23F	2 U.R.	
	701-48310-40	CABLE, remote control 8F	2 U.R.				
	701-48310-60	CABLE, remote control 9F	2 U.R.	7	703-48290-01	TWIN ATTACHMENT	1
	701-48310-80	CABLE, remote control 10F	2 U.R.	8	6H4-48344-00	CABLE END, remote control	2
	701-48310-90	CABLE, remote control 11F	2 U.R.	9	90468-18008	PIN, hair	2
	701-48320-00	CABLE, remote control 12F	2 U.R.	10	6H4-48511-50-EJ	HOOK, steering (Steering Guide Type)	1 U.R.
	701-48320-20	CABLE, remote control 13F	2 U.R.	※	688-48511-00-EJ	HOOK, steering (Ball Post Type)	1 U.R.

● See Fig. 26 for detail service parts.

▲ See Fig. 27 for detail service parts.

* Not shown



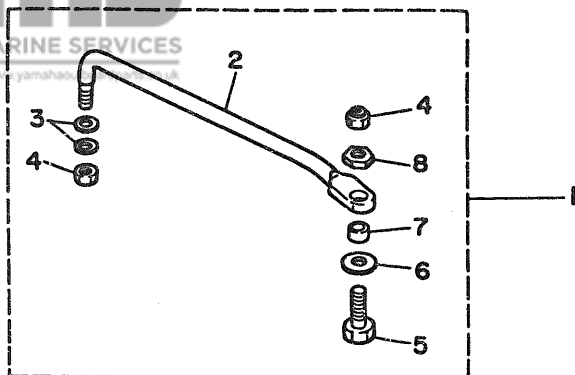
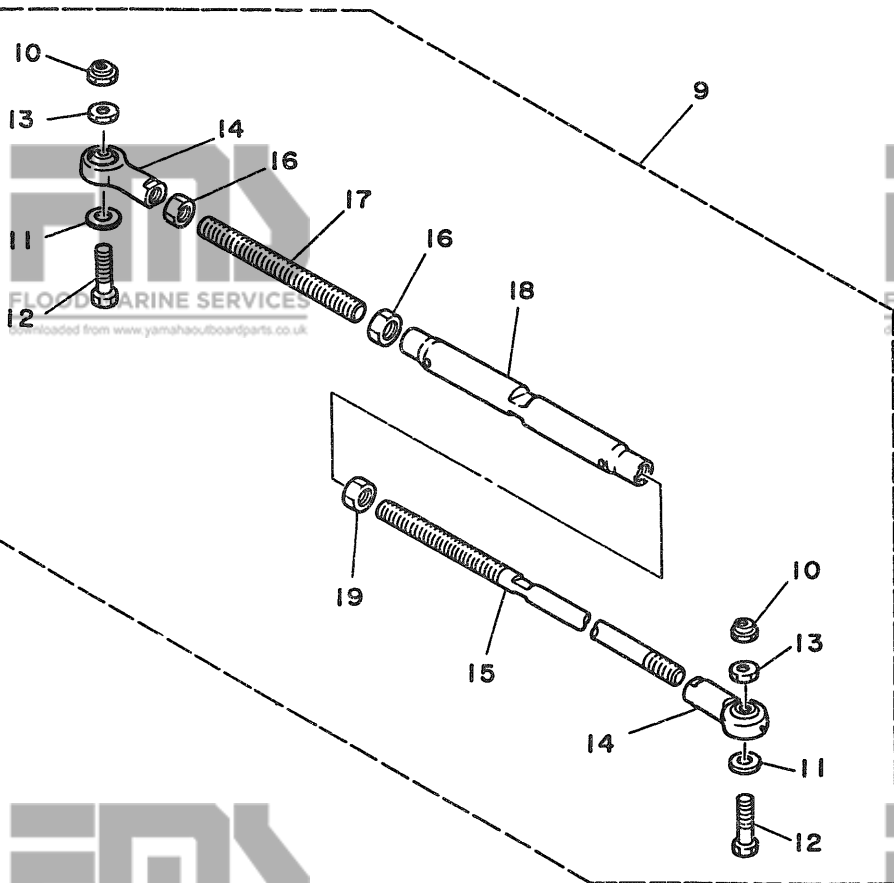


Fig. 24 STEERING GUIDE ATTACHMENT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-61350-01	STEERING GUIDE ATTACHMENT KIT	1	11	90201-10M76	. WASHER	2
2	689-61351-01	. ROD, steering link	1	12	90101-09M70	. BOLT	2
3	90201-10M20	. WASHER	2	13	90170-09M05	. NUT	2
4	90185-09M01	. NUT, self-locking	2	14	6E5-61303-00	. STEERING EYE COMP.	2
5	90101-09M66	. BOLT	1	15	6E5-61311-10	. TIE BAR 1	1 U.R.
6	90185-09M01	. NUT, self-locking	2	16	688-61311-10	. TIE BAR 1	1 U.R.
7	90387-10M42	. COLLAR	1	17	95380-14700	. NUT	2
8	90170-09M03	. NUT	1	18	6E5-61315-00	. TIE BAR 2	1
9	6E5-61301-00	TWIN KIT (L:600-809mm)	1 U.R.	19	6E5-61313-00	. ADJUSTER	1
10	90185-09M01	. NUT, self-locking	2	20	90170-14M06	. NUT	1

※ Not shown



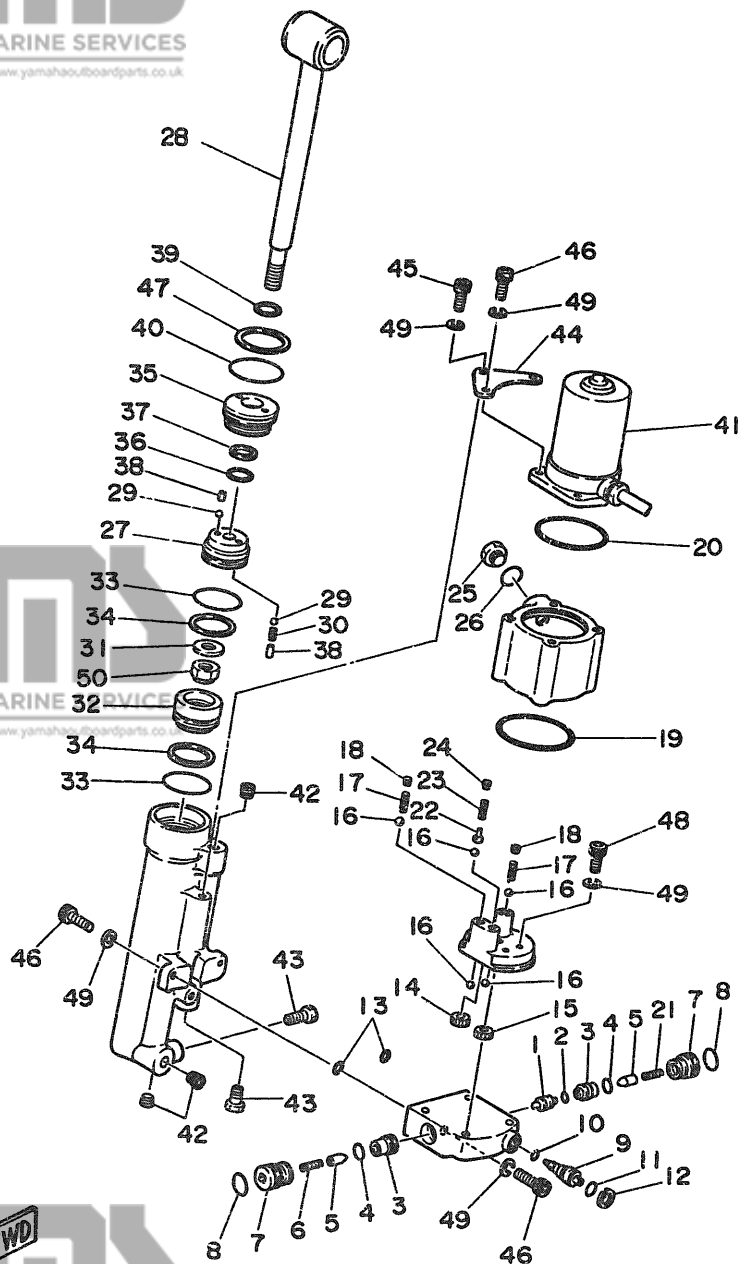
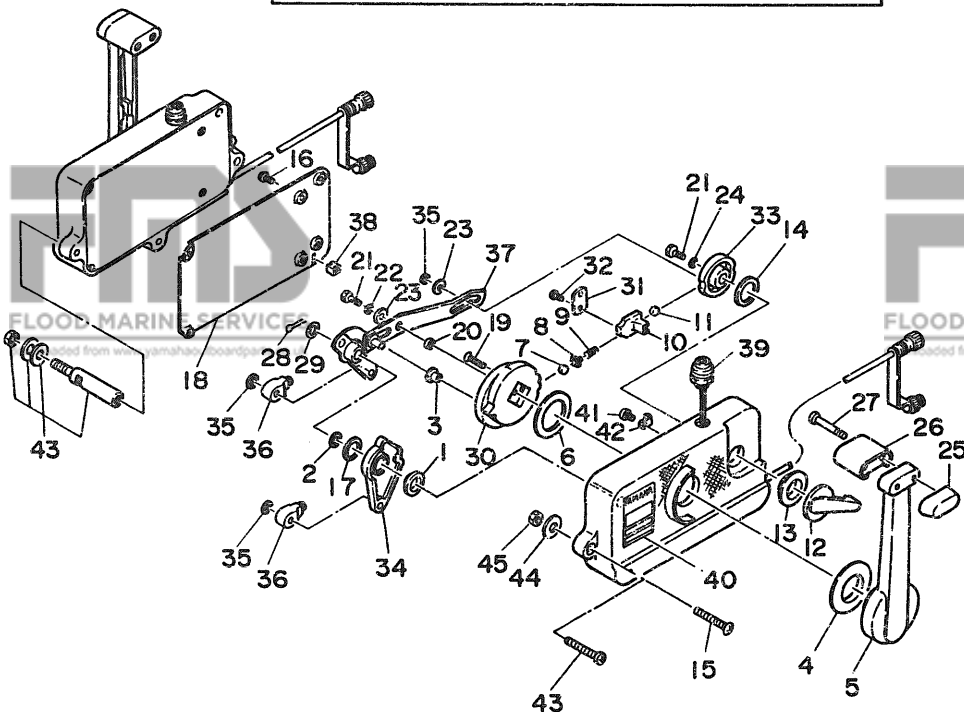
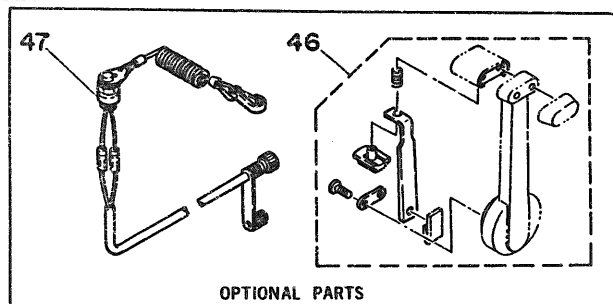


Fig. 25 POWER TILT ASS'Y

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
* 6H5-43840-00-EJ POWER TILT ASS'Y				25	6H5-43829-00	PLUG, reservoir	1
(See Fig. 9, Ref. No. 67)				26	6H5-43865-00	O-RING 5	1
1	6H5-43841-00	PISTON, shuttle	1	27	6H5-4385A-00	PISTON, tilt	1
2	6H5-43861-00	O-RING 1	1	28	6H5-43801-00	ROD	1
3	6H5-43891-00	BUSHING	2	29	6H5-43858-00	BALL	5
4	6H5-43862-00	O-RING 2	2	30	6H5-43857-00	SPRING, absorber valve	5
5	6H5-43849-00	PIN, valve support	2	31	6H5-43893-00	WASHER	1
6	6H5-43853-00	SPRING, main valve	1	32	6H5-43814-00	PISTON, free	1
7	6H5-4382E-00	ADAPTOR 2	2	33	6H5-43883-00	O-RING 10	2
8	6H5-43863-00	O-RING 3	2	34	6H5-43871-00	RING, back up 1	2
9	6H5-43846-00	SCREW, manual valve seat	1	35	6H5-4381E-00	BRACKET	1
10	6H5-43864-00	O-RING 4	1	36	6H5-43896-00	O-RING 1	1
11	6H5-43865-00	O-RING 5	1	37	6H5-43873-00	RING, back up 3	1
12	6H5-43875-00	RING, snap	1	38	6H5-4381A-00	SHAFT	5
13	6H5-43866-00	O-RING	2	39	6H5-43812-00	SEAL, dust	1
14	6H5-43837-00	GEAR, driven	1	40	6H5-43897-00	O-RING 12	1
15	6H5-43836-00	GEAR, drive	1	41	6H5-43880-00	MOTOR ASS'Y	1
16	6H5-43858-10	BALL 1	5	42	6H5-43826-00	PLUG, taper screw	3
17	6H5-43856-00	SPRING, down relief	2	43	6H5-43811-00	SCREW, cylinder end	2
18	6H5-43844-00	PIN, valve support	2	44	6H5-4381F-00	BRACKET 2	1
19	6H5-43867-00	O-RING 7	1	45	6H5-43887-00	BOLT, through	4
20	6H5-43868-00	O-RING 8	1	46	6H5-43885-00	BOLT	4
21	6H5-43853-10	SPRING, main valve	1	47	6H5-43872-00	RING, back up 2	1
22	6H5-43859-00	PIN, valve support	6	48	91316-06020	BOLT	4
23	6H5-43855-00	SPRING, up relief	1	49	92990-06100	WASHER	12
24	6H5-4386F-00	PIN, straight	1	50	95600-12100	NUT	1

* Not shown

Fig. 26 REMOTE CONTROL ASS'Y 1



Ref.No.	Parts No.	Description	Q'ty Single Twin	Ref.No.	Parts No.	Description	Q'ty Single Twin
※	701-48101-10	REMOTE CONTROL ASS'Y 1 (Right) (See Fig. 23, Ref. No. 1)	1 -	23	701-48246-00	. SPACE 1	2 4
※	701-48102-10	REMOTE CONTROL ASS'Y 1 (Left) (See Fig. 23, Ref. No. 2)	1 -	24	92990-06300	. WASHER, internal tooth	1 2
※	701-48110-22	REMOTE CONTROL ASS'Y 2 (See Fig. 23, Ref. No. 3)	- 1	25	701-48229-00	. GRIP, control lever 2	1 2
1	701-48235-00	. BUSHING 2	1 2	26	701-48222-00	. GRIF, control lever 1	1 2
2	701-48197-10	. WASHER, wave 2	1 2	27	701-48282-00	. SCREW 2(M5x50mm)	2 4
3	701-48252-00	. ROLLER, cam	1 2	28	701-48239-00	. SET PIN, plate	1 2
4	701-48234-00	. BUSHING 1	1 2	29	701-48266-00	. SPACER 2	1 2
5	701-48221-00	. LEVER, control 1	1 2	30	701-48232-00	. GEAR 1	1 2
6	701-48196-11	. WASHER, wave 1	1 2	31	701-48189-11	. RETAINER	1 2
7	701-48236-00	. ROLLER, detent	1 2	32	98580-05010	. SCREW, panhead	2 4
8	702-48237-00	. ADAPTOR	1 2	33	701-48153-12	. SHAFT, free accel.	1 2
9	702-48238-00	. SPRING, detent	1 2	34	701-48271-00	. ARM, shift (Right)	1 1
10	701-48249-00	. ADAPTOR, spring	1 2	※	701-48271-10	. ARM, shift (Left)	- 1
11	701-48248-00	. ROLLER, free accel.	1 2	35	93430-06024	. CIRCLIP	3 6
12	701-48152-11	. KNOB, free accel. (Right)	1 1	36	701-48345-30	. CABLE END, remote control 2	2 4
※	701-48152-20	. KNOB, free accel. (Left)	- 1	37	701-48261-00	. ARM, throttle (Right)	1 1
13	701-48243-00	. BUSHING 3	1 2	※	701-48261-10	. ARM, throttle (Left)	- 1
14	701-48198-10	. WASHER, wave 3	1 2	38	701-48358-00	. ANCHOR, cable 2	1 2
15	701-48281-00	. SCREW 1	3 -	39	701-82550-50	. STOP SWITCH ASS'Y	1 2
16	701-48289-00	. SCREW	4 8	40	701-48126-00	. GRAPHIC	1 2
17	701-48268-00	. SPACER 3	1 2	41	701-48283-00	. SCREW 3 (M4x10mm)	1 2
18	701-48213-00	. BACK PLATE	1 2	42	701-82594-00	. CLAMP	1 2
19	92780-06025	. SCREW, flathead	2 4	43	701-48291-00	. ATTACHMENT	- 1
20	701-48255-00	. COLLAR 1	1 2	44	701-48287-00	. WASHER	3 -
21	97395-06018	. BOLT	2 4	45	95380-06600	. NUT	3 -
22	702-48288-00	. WASHER, plain	1 2				
						OPTIONAL PARTS	
				46	701-48380-00	NEUTRAL LOCK KIT	1 2 A.P.
				47	701-82575-51	KILL SWITCH ASS'Y	1 2 A.P.

※Not shown



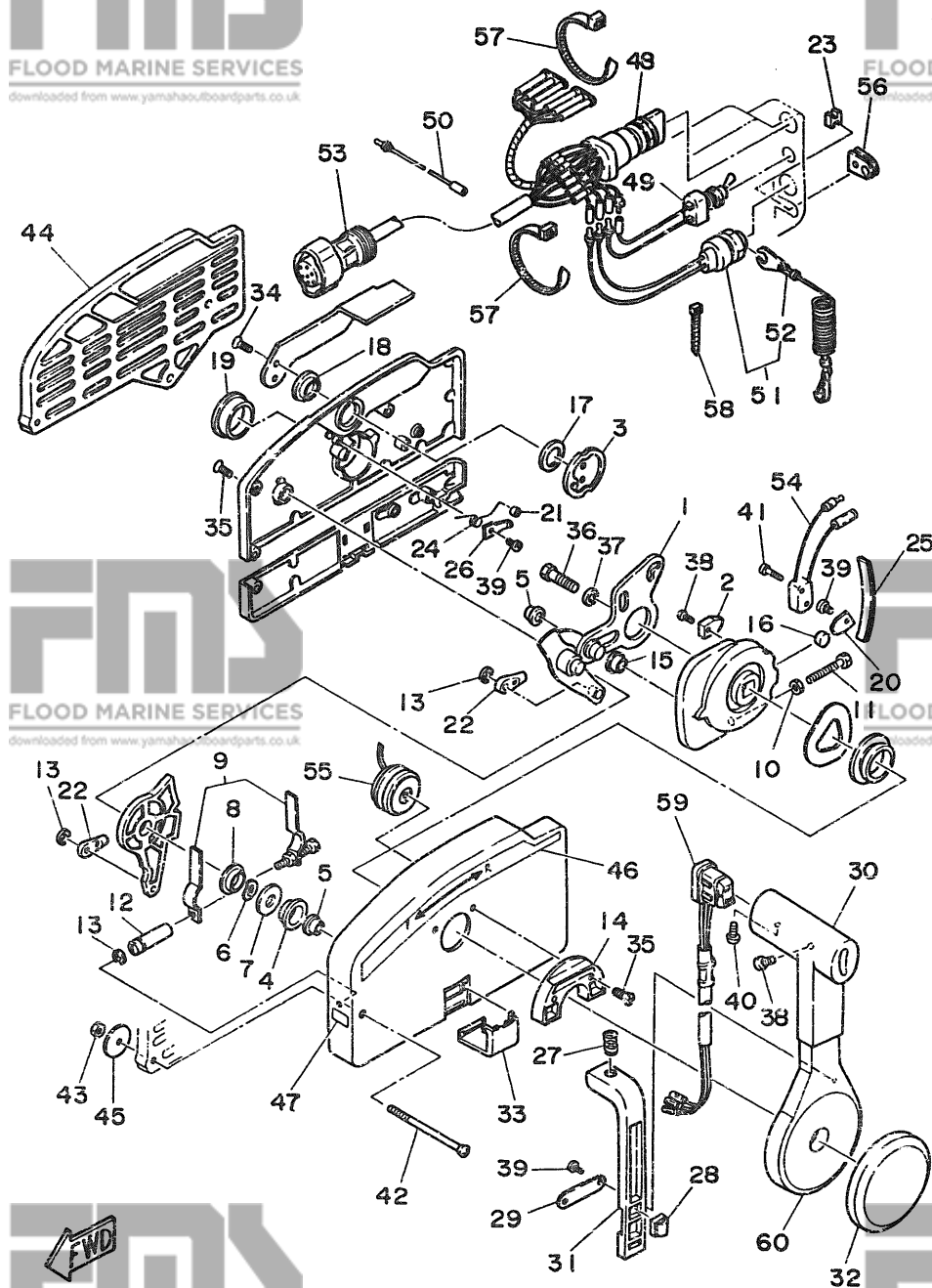


Fig. 27 REMOTE CONTROL ASS'Y 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
*	703-48230-10	REMOTE CONTROL ASS'Y (7P) (See Fig. 23, Ref. No. 4)	1	31	703-48223-00	. LOCK, neutral	1
*	703-48250-10	REMOTE CONTROL ASS'Y (10P) (See Fig. 23, Ref. No. 4)	1	32	703-48225-00	. COVER	1
*	703-48220-10	REMOTE CONTROL ASS'Y (7P) (See Fig. 23, Ref. No. 5)	1	33	703-48219-00	. COVER, lead	1
*	703-48280-10	REMOTE CONTROL ASS'Y (10P) (See Fig. 23, Ref. No. 6)	1	34	98780-05012	. SCREW	2
1	703-48261-00	. ARM, throttle	1	35	98780-05016	. SCREW	7
2	703-82554-00	. STAY, neutral switch	1	36	97380-08030	. BOLT	1
3	703-48153-00	. SHAFT, free accel.	1	37	92990-08600	. WASHER	1
4	702-48235-00	. BUSHING 2	1	38	98580-04010	. SCREW	2
5	703-48273-00	. BUSHING 5	2	39	90580-04006	. SCREW	4
6	703-48197-00	. WASHER, wave 2	1	40	98580-05010	. SCREW	1
7	703-48268-00	. SPACER 3	1	41	98580-03015	. SCREW	2
8	703-48263-00	. BUSHING 4	1	42	92680-06090	. SCREW	3
9	703-48264-00	. THROTTLE, friction	1	43	95380-06600	. NUT	3
10	95380-05600	. NUT	1	44	703-48293-10	. SPACER, remote control	1 U.R.
11	97380-05025	. BOLT	1	*	703-48293-00	. SPACER, remote control (For Twin Lever)	3 U.R.
12	703-48265-00	. SHAFT, friction	1	45	701-48287-00	. WASHER	3
13	93430-06024	. CIRCLIP	3	46	703-48215-00	. GRAPHIC	1
14	703-48245-00	. PLATE, lock	1	47	702-48217-00	. MARK 1	1
15	703-48252-00	. ROLLER, cam	1	48	703-82510-01	. MAIN SWITCH ASS'Y	1
16	701-48248-00	. ROLLER, free accel.	1	49	703-82574-00	. SWITCH, choke	1
17	703-48198-00	. WASHER, wave 3	1	50	703-82531-00	. WIRE, lead	1
18	703-48243-00	. BUSHING 3	1	51	703-82575-01	. KILL SWITCH ASS'Y	1
19	703-48236-00	. BUSHING 1	2	52	682-82556-00	. STOPPER ASS'Y	1
20	703-48189-00	. RETAINER	1	53	688-82586-21	. EXTENSION, wire harness(7P)	1 U.R.
21	703-48234-00	. ROLLER, detent	1	*	688-8258A-20	. EXTENSION, wire harness(10P)	1 U.R.
22	703-48345-00	. CABLE END, remote control 2	2	54	703-82540-00	. NEUTRAL SWITCH ASS'Y	1
23	703-48358-00	. ANCHOR, cable 2	1	55	703-83383-00	. BUZZER	1
24	703-48244-00	. SPRING, free accel.	1	56	703-48284-00	. GROMMET 1	1
25	703-48238-00	. SPRING, detent	5	57	703-82591-00	. BAND	2
26	703-48246-00	. SPACER 1	1	58	703-82592-00	. BAND	1
27	703-48227-00	. SPRING, neutral lock	1	59	703-82563-00	. TRIM & TILT SWITCH ASS'Y	1 U.R.
28	703-82594-00	. CLAMP	1	*	703-48224-00	. COVER, control lever (Without Trim & Tilt Switch)	1 U.R.
29	703-48226-00	. PLATE, stopper	1	60	703-48221-00	. GRIP	1
30	703-48222-00	. GRIP, control lever	1 U.R.				
*	703-48222-10	. GRIP, control lever (For Twin Lever)	1 U.R.				

*Not shown

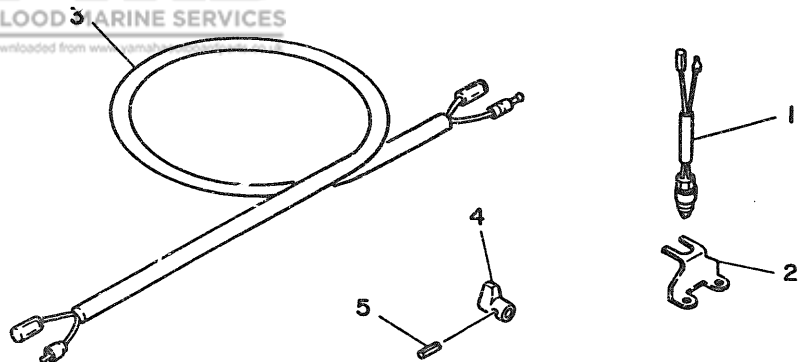


Fig. 28 OPTIONAL PARTS 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6F5-82540-00	NEUTRAL SWITCH ASS'Y	1	16	95303-05600	NUT	4
2	6H4-82554-00	STAY, neutral switch	1	17	92903-05100	WASHER	4
3	6H4-82553-00	EXTENSION, wire lead	1	18	92903-05600	WASHER	4
4	6H4-44173-00	LEVER, shift control	1			EXTENSION WIRE	
5	91690-30020	PIN, spring	1	19	688-82586-21	EXTENSION, wire harness (5m) (For Main Switch, 7P Concent)	1
		SWITCH PANEL		※	688-8258A-20	EXTENSION, wire harness (5m) (For Main Switch, 10P Concent)	1 U.R.
6	689-82570-13	SWITCH PANEL ASS'Y	1	20	686-82586-11	EXTENSION, wire harness (2m) (For 7P Concent)	1 U.R.
7	689-82571-01	. SWITCH PANEL	1	※	688-8258A-10	EXTENSION, wire harness (2m) (For 10P Concent)	1 U.R.
8	688-82510-11	. MAIN SWITCH ASS'Y	1	※	688-82586-31	EXTENSION, wire harness (3m) (For 7P Concent)	1 U.R.
9	688-82574-00	. SWITCH, choke	1	※	688-8258A-30	EXTENSION, wire harness (3m) (For 10P Concent)	1 U.R.
10	688-82575-01	. KILL SWITCH ASS'Y	1				
11	682-82556-00	. . STOPPER ASS'Y	1				
12	663-82581-01	. STAY, cord lamp	1				
13	98303-04008	. SCREW, cylinderhead	1				
14	92901-04100	. WASHER	1				
15	98903-05025	SCREW, bind	4				

※Not shown

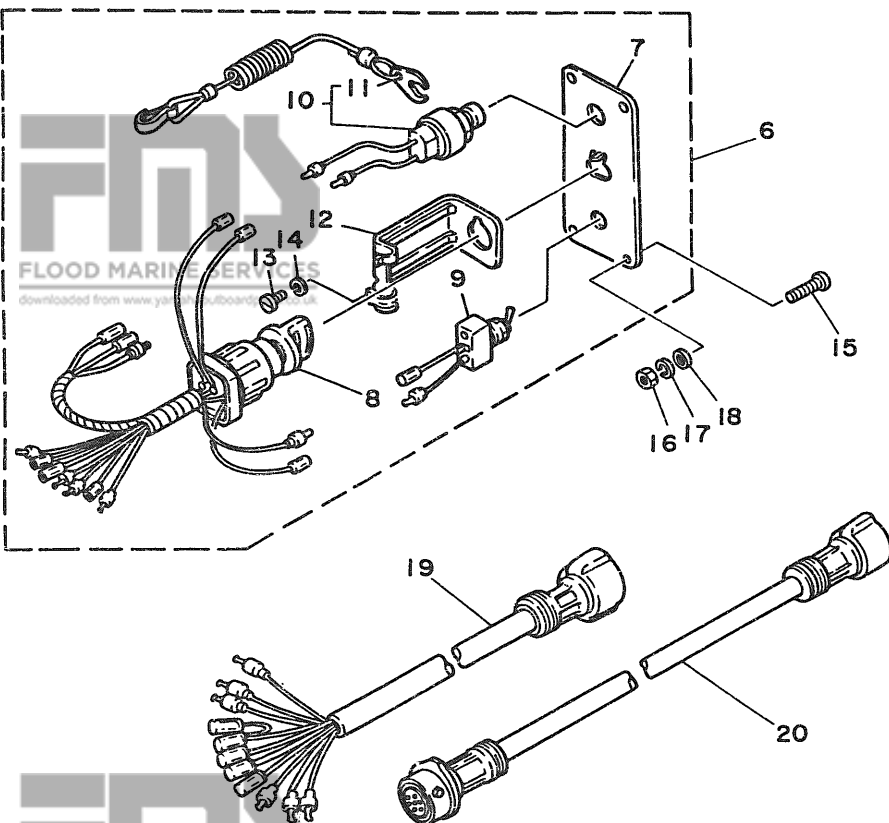
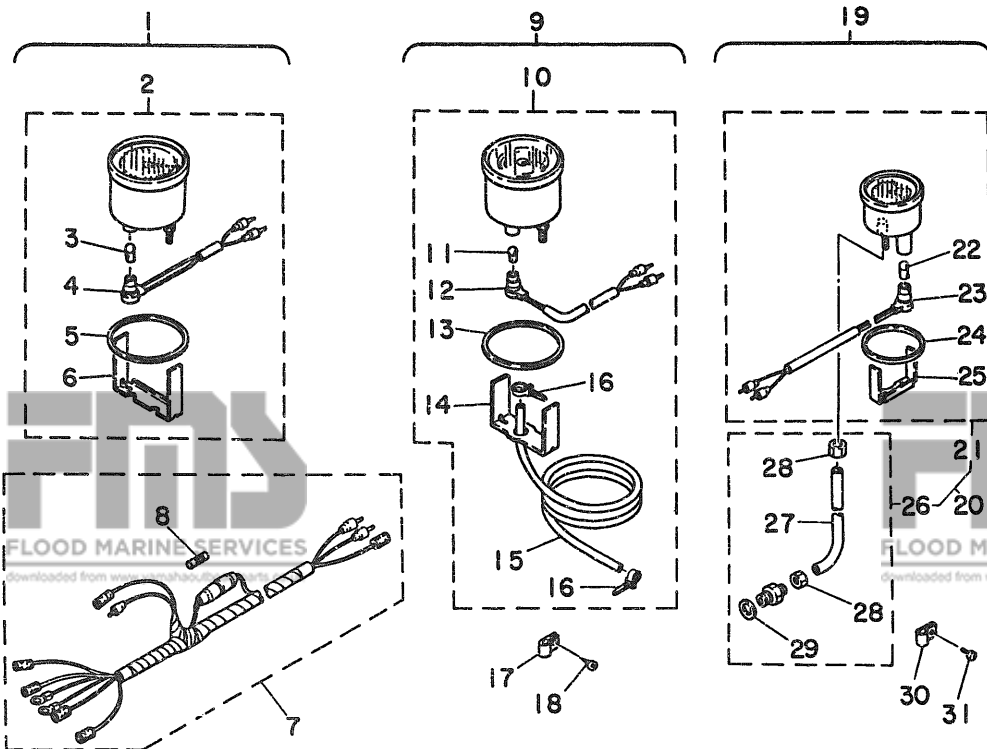
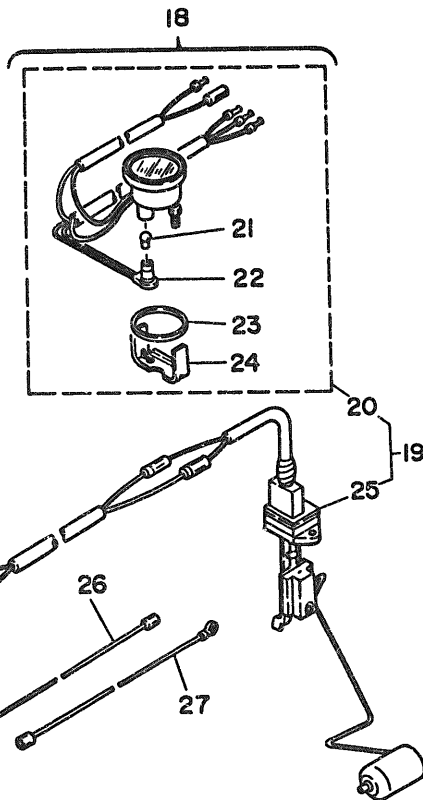
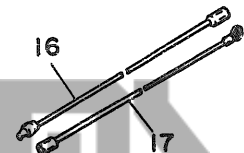
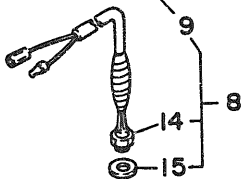
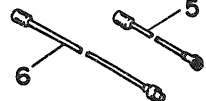


Fig. 29 OPTIONAL PARTS 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
TACHOMETER				17	90601-31402	. CLIP, nylon 14	5
1	688-W0080-10	TACHOMETER KIT	1	18	97780-40116	. SCREW, panhead tapping	5
2	688-83540-10	. TACHOMETER ASS'Y	1	WATER PRESSURE METER			
3	688-83516-00	. . BULB (12V-1.7W)	1	19	688-W0088-00	WATER PRESSURE METER KIT	1
4	688-83536-00	. . SOCKET, meter	1	20	688-83660-00	. WATER PRESSURE METER ASS'Y	1
5	688-83523-00	. . DAMPER	1	21	688-83661-00	. . WATER PRESSURE GAUGE	1
6	688-83544-00	. . PLATE, fitting	1	22	688-83516-00	. . . BULB (12V-1.7W)	1
7	688-83553-10	. WIRE, lead	1	23	688-83536-00	. . . SOCKET, meter	1
8	1E6-82151-00	. FUSE (12V-10A)	1	24	688-83664-00	. . . DAMPER	1
SPEEDOMETER				25	688-83665-00	. . . PLATE, fitting	1
9	688-W0081-10	SPEEDOMETER KIT	1	26	688-83667-00	. . SENDER	1
10	688-83510-01	. SPEEDOMETER ASS'Y	1	27	688-83666-00	. . . TUBE	1
11	688-83516-00	. . BULB (12V-1.7W)	1	28	663-83668-00	. . . NUT, nipple	2
12	688-83536-00	. . SOCKET, meter	1	29	90430-14115	. . . GASKET	1
13	688-83523-00	. . DAMPER	1	30	90601-31402	. CLIP, nylon 14	5
14	688-83514-00	. . PLATE, fitting	1	31	97780-40116	. SCREW, panhead tapping	5
15	688-83557-00	. . TUBE	1				
16	90465-11M10	. . CLAMP	2				





FLOOD MARINE SERVICES
downloaded from www.yamahabooks.com

FMS
FLOOD MARINE SERVICES
downloaded from www.yamahaoutboardparts.co.uk

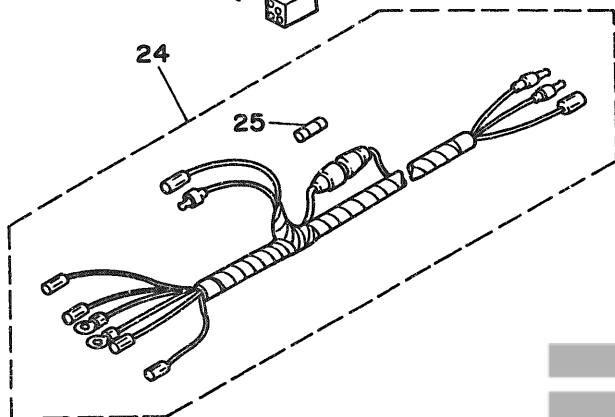
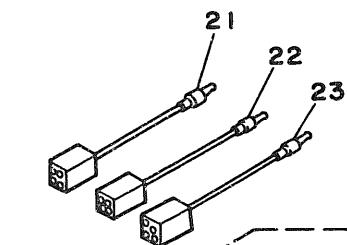
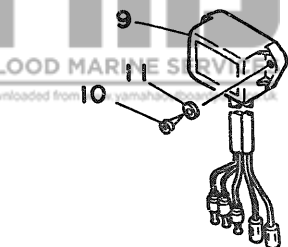
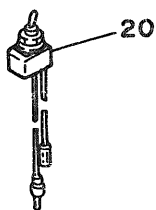
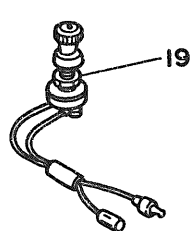
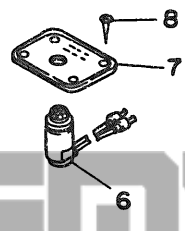
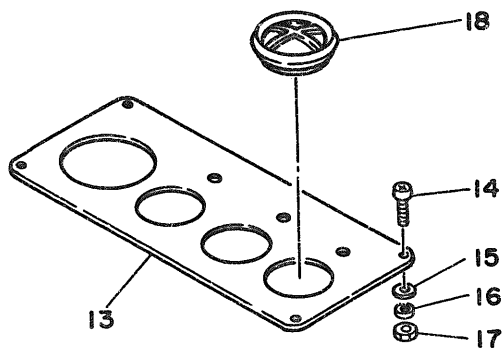
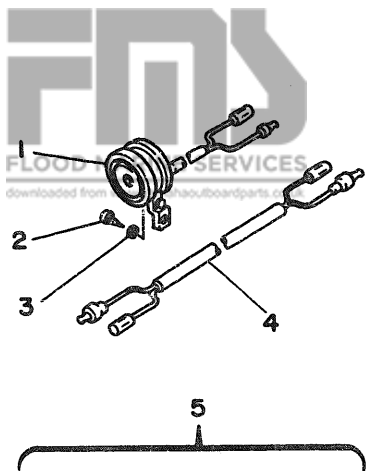


Fig. 31 OPTIONAL PARTS 4

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
		OVERHEAT BUZZER		14	98903-05025	SCREW, blind	4
1	688-83383-10	BUZZER	1	15	92903-05600	WASHER	4
2	97780-60516	SCREW, panhead tapping	1	16	92903-05100	WASHER	4
3	92903-05600	WASHER	1	17	95303-05600	NUT	4
4	688-83373-10	LEAD, horn	1	18	688-83559-00	COVER, meter	1 U.N.
		CHARGE WARNING LAMP				LAMP SWITCH	
5	688-W0088-40	PILOT LAMP KIT	1	19	688-82520-00	LAMP SWITCH ASS'Y	1 U.R.
6	663-84301-00	. PILOT LAMP ASS'Y	1	20	688-82526-00	SWITCH, lamp	1 U.R.
7	663-84309-00	. PLATE, set	1			LEAD WIRE	
8	95428-31316	. SCREW, roundhead wood	4	21	688-82149-00	WIRE, lead (Blue)	1 U.R.
9	697-83901-60	. CHARGE WARNING UNIT ASS'Y	1	22	688-82117-00	WIRE, lead (Black)	1 U.R.
10	97780-60120	. SCREW, panhead tapping	2	23	688-82521-00	WIRE, lead (Yellow)	1 U.R.
11	92903-06600	. WASHER	2	24	688-83553-10	WIRE, lead	1
12	663-82521-09	. WIRE, lead	1	25	1E6-82151-00	. FUSE (12V-10A)	1
13	688-83611-00	PANEL, meter	1				

Fig. 32 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	683-14126-00	. 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	93101-22H00	. 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	676-14956-00	. 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	689-14548-00	. 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

NUMERICAL INDEX

PART NO.	REF. NO.	PART NO.	REF. NO.	PART NO.	REF. NO.	PART NO.	REF. NO.	PART NO.	REF. NO.	PART NO.	REF. NO.
6H4-W0001-00	1-31	663-14126-00	4-19	6H4-15359-00-94	2-11	648-24424-00	6-16	6H4-42615-00	19-12	682-43318-01	10-66
6H4-W0001-20	32- 1	688-14126-00	32-30	6H4-15369-00	2-13	650-24431-00	6-30	6H4-42651-00	8-10	676-43373-00	11-19
6H4-W0004-00	15-64		4-21		32- 7		32-17		19- 9	6H4-43611-00	12-20
6H4-W0070-20	32-34	663-14159-00	32-31	6H4-15396-00-9M	2-14	648-24434-00	6-18	6H4-42652-00	8-11	6H4-43613-00	12-18
6H4-W0078-00	3-21		4- 9	6H4-15705-00	5- 8	6A0-24435-00	6-22		19-10	6H4-43614-00	12-16
	8- 2	676-14186-00	32-23	6H4-15710-00-94	5- 1	655-24521-01	6- 9	6G1-42683-00	19-13	6H4-43615-00	12-17
	19- 2		4-10	6H4-15711-00-94	5- 2	655-24560-01	6- 6	6H4-42686-00	8- 3	6H4-43616-00	12-27
	15-65	6H4-14198-00	32-24	6H4-15714-00	5- 5	6F5-24563-00	6- 7		19- 3	6H4-43617-00	12-30
	32-48		3-22	6H4-15717-00	5- 9	655-24564-00	32-15	6H5-42687-00	8- 4	6H4-43627-00	12-11
688-W0080-10	29- 1		32-12	6H4-15723-00-94	5-29	6H4-24566-00	6-10		19- 4	6H4-43631-01	12-25
688-W0081-10	29- 9		32-20	676-15741-03	5- 6	6Y1-24610-00	7- 5	6H4-42711-00-EJ	9- 1	6H5-43631-00	10-64
688-W0088-00	29-19	6H5-14301-02	4- 1	682-15746-00	5-40	6E0-28100-00	7-19	6H4-42716-00	9- 8	682-43641-00	12-28
688-W0088-10	30- 7	6H5-14302-02	4- 2	6H4-15747-00	5-38	6E0-28193-00-94	7-20	6H4-42724-00	9- 9	689-43643-00	12-26
688-W0088-21	30-18	6H5-14303-02	4- 3	656-15748-00	5-44	6H4-41111-00-9M	1-23	6H4-42724-20	22-12	6H4-43659-00	12-19
688-W0088-30	30- 1	6H4-14406-00	3-12	6H4-15752-00	5-20	6H4-41113-00-9M	1-25	6H4-42725-00	22-13	6H4-43674-00	12-32
688-W0088-40	31- 5	6H4-14431-00	3- 1	619-15755-01	5-18	6H4-41114-00	1-24	6H4-42726-00	9-10	688-43691-01	10-62
6H5-W0090-00-EJ	1- 1	6H3-14457-00	3- 3	6H4-15758-00-94	5-13		32- 6	6H5-42726-00	9-10	6H5-43801-00	25-28
6H5-W0090-50-EJ	1- 1		32-13	6H4-15761-00	8- 9	6H5-41131-00-9M	14- 9	676-42726-00	9-29	6H5-4381A-00	25-38
6H4-W0093-01	4-35	6H4-14477-00	18-18	6H4-15762-00	5-16	6H4-41133-00	14-10	6H3-42727-00	9-11	6H5-4381E-00	25-35
	32-19	663-14523-00	4-29	6H4-15770-00	5-41		32-37	682-42727-00	9-12	6H5-4381F-00	25-44
6H4-11111-00-94	1-10	6H2-14527-00	4-23	6H4-15771-00-94	5-32	6H4-41134-00	14- 8	6H4-42741-20	9-19	6H5-43811-00	25-43
6H4-11119-00	1- 8	663-14527-00	4-20	6H4-15772-00-94	5-35		32-36	6H4-42815-00	9- 2	6H5-43812-00	25-39
6H4-11181-00	1-11	688-14527-00	4-22	6H4-15774-00	5-42	6H4-41137-00-94	14- 6	6H4-42816-00	9- 5	6H5-43814-00	25-32
	32- 2	688-14548-00	4-13	689-15779-01	5-25	6H4-41213-02	13- 1	6H4-43111-01-EJ	11- 1	6H5-4382E-00	25- 7
6H4-11191-00-9M	1-12		32-26	6H4-15787-00	5-24	6H4-41213-12	13- 1	6H5-43111-00-EJ	10- 1	6H5-43826-00	25-42
6H4-11193-00	1-13	679-14555-00	4-26	6A0-15789-00	5-17	6H4-41217-00	3- 9	6H5-43111-10-EJ	10- 1	6H5-43829-00	25-25
	32- 3	6H3-14578-00	4-32	6Y1-24203-81-24	7- 1	662-41237-01	13- 8	6H4-43112-00-EJ	11- 2	6H5-43836-00	25-15
688-11325-00	1- 6	676-14578-00	4-31	6Y1-24246-00	7-12	6H3-41238-00	13-16	6H5-43112-00-EJ	10- 2	6H5-43837-00	25-14
6H4-11400-00	2- 1	6H3-14590-00	4- 8	6Y1-24255-80	7- 3	6H4-41257-00	3- 7	648-43114-01	11- 6	6H5-43840-00-EJ	10-67
6H4-11445-00	2- 4		32-22	6Y1-24257-00	7- 4	661-41262-02	3- 8	616-43118-00-EJ	11- 3		25-13
6H4-11610-00	2- 6	663-14592-00	4-27	6Y1-24260-00	7- 6	6H4-41271-00	3- 6	6H5-43126-00	10-24	6H5-43841-00	25- 1
6H4-11610-10	2- 6	6H4-14711-00-9M	14-11	6Y1-24268-00	7- 7	689-41273-00	3-10	6H5-43128-00-EJ	10- 3	6H5-43844-00	25-18
6H4-11610-20	2- 6	6H4-14711-10-9M	14-11	6G1-24304-00	6- 1	6H3-41611-00	17-17	663-43131-00	10- 9	6H5-43846-00	25- 9
6H4-11631-00-96	2- 5	692-14923-00	4-25	6Y1-24305-00	7-13	6H4-41612-00	17-18		11- 7	6H5-43849-00	25- 5
648-11633-00	2- 7		32-32	655-24305-01	7-11	6H4-41613-00	17-24	663-43145-00	10-12	6H5-4385A-00	25-27
6H4-11634-00	2-10	676-14943-34	4- 5	6Y1-24306-02	7-10	6H4-41631-00	13-10		11-10	6H5-43853-00	25- 6
6H4-11635-00	2- 5	6H5-14947-02	4- 4	6H4-24312-00	6-34	6H4-41632-00	13- 5	6H4-43160-00	12- 1	6H5-43853-10	25-21
6H4-11636-00	2- 5	6E9-14948-17	4- 6	6H4-24313-00	6-29	6H4-41636-00	13- 7	676-43160-01	10-21	6H5-43855-00	25-23
6H4-11641-00	2- 9	676-14966-00	4- 7	6Y1-24329-00	7- 8	6F5-41662-00	13-27	676-43165-00	10-22	6H5-43856-00	25-17
688-12411-00	1-18		32-21	650-24351-00	7-16	6H4-42121-00-94	11-30		12- 2	6H5-43857-00	25-30
6H4-12413-00-9M	1-19	6H2-14980-00	4-15	6Y1-24360-00	7-18	6H4-42510-00-EJ	10-31	6H5-43170-00-EJ	10-63	6H5-43858-00	25-29
6H4-12414-00	1-20	6G1-14984-00	4-14	688-24378-00	6-27		11-22	6H4-43181-01	12- 4	6H5-43858-10	25-16
	32- 5		32-14	6A0-24410-01	6-14	6H4-42528-00	11-18	6H5-43181-00	10-13	6H5-43859-00	25-22
6H5-13610-00	3-20		32-27	648-24411-00	6-15	6H5-42610-J0-EJ	8- 1	6H5-43185-00	10-14	6H5-4386F-00	25-24
6H4-13621-00	3-17	6G1-14985-00	4-12	663-24411-00	6-23	6H5-42610-20-EJ	19- 1	6H4-43311-00-EJ	11-15	6H5-43861-00	25- 2
	32-11		32-25	6A0-24413-00	6-24	6H4-42613-00-EJ	8- 6	6H5-43311-00-EJ	10- 6	6H5-43862-00	25- 4
6H4-13624-00-94	3-16	663-14992-00	4-17	6A0-24421-01	6-19	6H4-42613-10-EJ	19- 6	663-43318-00	10-19	6H5-43863-00	25- 8
6H4-13641-01-94	3-11	6H4-15100-00-94	1- 2	648-24423-00	6-17	6H4-42615-00	8-13		12-10	6H5-43864-00	25-10

PART NO.	REF. NO.	PART NO.	REF. NO.
6H5-43865-00	25-11	6H4-44352-00	32-50
	25-26	6H4-44361-00	16-20
6H5-43866-00	25-13	6H4-44361-10	16-20
6H5-43867-00	25-19	663-44366-00	15-27
6H5-43868-00	25-20		32-57
6H5-43871-00	25-34	663-44367-00	16-22
6H5-43872-00	25-47	6E5-44391-00	9-28
6H5-43873-00	25-37	6H4-44511-00-EJ	10-51
6H5-43875-00	25-12		11-46
6H5-43880-00	25-41	6H4-44514-00	10-44
6H5-43883-00	25-33		11-39
6H5-43886-00	25-46	663-44533-00	10-50
6H5-43887-00	25-45		11-45
6H5-43891-00	25- 3	6H4-44551-00-EJ	10-36
6H5-43893-00	25-31		11-28
6H5-43896-00	25-36	6H4-44553-00	10-39
6H5-43897-00	25-40		11-34
6H4-44111-10	13-18	6H4-44557-00	10-38
6H4-44116-00	13-22		11-33
682-44117-00	13-23	6H4-44557-10	10-38
6H4-44121-01	13-20	6H4-45111-00-EJ	14- 1
6H4-44125-01	13-25	6H4-45111-10-EJ	14- 1
682-44132-00	13-19	6H4-45113-00	14- 5
6H4-44143-00	13-30		32-18
648-44146-00	13-34	6H4-45114-00	14- 7
655-44147-00	15-11		32-35
6H4-44150-00	15-10	663-45119-00	10- 8
6H4-44150-10	15-10		11-17
6H4-44160-00	15-12	663-45123-00	14-12
6H4-44173-00	22-28		32-38
	28- 4	688-45214-01	16- 3
688-44194-00	13-17	688-45215-01	16- 4
663-44311-02	15-13	688-45251-01	10- 4
663-44315-00	15-16	6H4-45300-00-EJ	15- 1
	32-41	6H4-45300-10-EJ	15- 1
	32-51	6H4-45301-00-EJ	15- 2
663-44316-00	15-20	6H4-45321-00	15- 6
	32-43	679-45331-00-94	15-53
	32-54	664-45371-01	16- 7
663-44322-00	15-14	688-45375-00	16- 1
	32-49	663-45376-00	16- 2
663-44323-00	15-17	6E5-45378-00	15-59
	32-52	697-45384-00	15-58
663-44324-00	15-18	6H4-45501-00	15-28
	32-42	6H4-45501-10	15-28
	32-53	6H4-45536-00	15-32
663-44341-00-94	15-19	6H4-45551-00	15-35
6H4-44352-00	15-15	663-45552-00	15-34

NUMERICAL INDEX

PART NO.	REF. NO.	PART NO.	REF. NO.
6H4-45560-00	15-42	703-48153-00	27- 3
6H4-45567-00-05	15-40	701-48189-11	26-31
6H4-45567-00-08	15-40	703-48189-00	27-20
6H4-45567-00-12	15-40	701-48196-11	26- 6
6H4-45567-00-30	15-40	701-48197-10	26- 2
6H4-45567-00-50	15-40	703-48197-00	27- 6
6H4-45571-00	15-48	701-48198-10	26-14
663-45576-00	15-50	703-48198-00	27-17
663-45577-00-05	15-49	701-48213-00	26-18
663-45577-00-08	15-49	703-48215-00	27-46
663-45577-00-12	15-49	702-48217-00	27-47
663-45577-00-30	15-49	703-48219-00	27-33
663-45577-00-50	15-49	703-48220-10	23- 5
663-45587-00-05	15-31		27-19
663-45587-00-08	15-31	701-48221-00	26- 5
663-45587-00-12	15-31	703-48221-00	27-60
663-45587-00-30	15-31	701-48222-00	26-26
663-45587-00-50	15-31	703-48222-00	27-30
679-45611-01	15-46	703-48222-10	27-30
6H4-45631-00	15-43	703-48223-00	27-31
663-45633-00	15-45	703-48224-00	27-59
663-45634-00	15-38	703-48225-00	27-32
676-45635-00	15-37	703-48226-00	27-29
663-45941-01-36	16-28	703-48227-00	27-27
663-45943-02-36	16-28	701-48229-00	26-25
663-45945-02-36	16-28	703-48230-10	23- 4
663-45947-02-36	16-28		27-19
663-45949-01-36	16-28	701-48232-00	26-30
663-45952-02-36	16-28	701-48234-00	26- 4
663-45954-01-36	16-28	703-48234-00	27-21
663-45956-01-36	16-28	701-48235-00	26- 1
663-45958-01-36	16-28	702-48235-00	27- 4
663-45970-60-98	16-28	701-48236-00	26- 7
697-45970-00-98	16-28	703-48236-00	27-19
663-45972-60-98	16-28	702-48237-00	26- 8
663-45974-60-98	16-28	702-48238-00	26- 9
663-45987-01	16-23	703-48238-00	27-25
670-45997-01	16-24	701-48239-00	26-28
701-48101-10	23- 1	701-48243-00	26-13
	26-25	703-48243-00	27-18
701-48102-10	23- 2	703-48244-00	27-24
	26-25	703-48245-00	27-14
701-48110-22	23- 3	701-48246-00	26-23
	26-25	703-48246-00	27-26
701-48126-00	26-40	701-48248-00	26-11
701-48152-11	26-12		27-15
701-48152-20	26-12	701-48249-00	26-10
701-48153-12	26-33	703-48250-10	23- 4

PART NO.	REF. NO.	PART NO.	REF. NO.
703-48250-10	27-19	701-48350-00	23- 6
701-48252-00	26- 3	701-48350-10	23- 6
703-48252-00	27-15	701-48350-20	23- 6
701-48255-00	26-20	701-48358-00	26-38
701-48261-00	26-37	703-48358-00	27-23
701-48261-10	26-37	701-48380-00	26-46
703-48261-00	27- 1	6H4-48511-50-EJ	10-54
703-48263-00	27- 8		23-10
703-48264-00	27- 9	688-48511-00-EJ	23-10
703-48265-00	27-12	6H4-48531-10-94	9-22
701-48266-00	26-29	6H4-48532-10-94	9-23
701-48268-00	26-17	6E5-61301-00	24- 9
703-48268-00	27- 7	688-61301-00	24- 9
701-48271-00	26-34	6E5-61303-00	24-14
701-48271-10	26-34	6E5-61311-10	24-15
703-48273-00	27- 5	688-61311-10	24-15
703-48280-10	23- 5	6E5-61313-00	24-18
	27-19	6E5-61315-00	24-17
701-48281-00	26-15	689-61350-01	24- 1
701-48282-00	26-27	689-61351-01	24- 2
701-48283-00	26-41	6H4-81303-A0	17-10
703-48284-00	27-56		20-10
701-48287-00	26-44	6H4-81332-00	17-21
	27-45	6H4-81337-00	21-20
702-48288-00	26-22	6H4-81800-10	21- 1
701-48289-00	26-16	6H3-81807-10	21- 3
703-48290-01	23- 7	689-81809-11	21- 6
701-48291-00	26-43	6H3-81810-10	21- 8
703-48293-00	27-44	689-81811-11	21- 9
703-48293-10	27-44	689-81812-11	21-11
701-48310-10	23- 6	689-81813-10	21-12
701-48310-20	23- 6	6H3-81820-11	21-13
701-48310-40	23- 6	689-81826-10	21-14
701-48310-60	23- 6	6H4-81830-10	21- 4
701-48310-80	23- 6	689-81840-11	21-10
701-48310-90	23- 6	689-81847-11	21- 5
701-48320-00	23- 6	689-81850-11	21- 7
701-48320-20	23- 6	689-81857-11	21- 2
701-48320-30	23- 6	6H4-81916-00	18-10
701-48320-40	23- 6	6H5-81920-00	22-22
701-48320-50	23- 6	6H5-81950-10	22-17
701-48320-60	23- 6	688-81950-10	22- 2
701-48320-70	23- 6	6G1-81970-60	22- 5
701-48320-80	23- 6	6H4-81975-00	18- 4
701-48320-90	23- 6	6H4-82105-00	22- 1
6H4-48344-00	23- 8	6H4-82117-00	21-19
701-48345-30	26-36	688-82117-00	31-22
703-48345-00	27-22	6H5-82127-00	10-57

PART NO.	REF. NO.	PART NO.	REF. NO.
701-48350-00	23- 6		
701-48350-10	23- 6		
701-48350-20	23- 6		
701-48358-00	26-38		
703-48358-00	27-23		
701-48380-00	26-46		
6H4-48511-50-EJ	10-54		
	23-10		
688-48511-00-EJ	23-10		
6H4-48531-10-94	9-22		
6H4-48532-10-94	9-23		
6E5-61301-00	24- 9		
688-61301-00	24- 9		
6E5-61303-00	24-14		
6E5-61311-10	24-15		
688-61311-10	24-15		
6E5-61313-00	24-18		
6E5-61315-00	24-17		
689-61350-01	24- 1		
689-61351-01	24- 2		
6H4-81303-A0	17-10		
	20-10		
6H4-81332-00	17-21		
6H4-81337-00	21-20		
6H4-81800-10	21- 1		
6H3-81807-10	21- 3		
689-81809-11	21- 6		
6H3-81810-10	21- 8		
689-81811-11	21- 9		
689-81812-11	21-11		
689-81813-10	21-12		
6H3-81820-11	21-13		
689-81826-10	21-14		
6H4-81830-10	21- 4		
689-81840-11	21-10		
689-81847-11	21- 5		
689-81850-11	21- 7		
689-81857-11	21- 2		
6H4-81916-00	18-10		
6H5-81920-00	22-22		
6H5-81950-10	22-17		
688-81950-10	22- 2		
6G1-81970-60	22- 5		
6H4-81975-00	18- 4		
6H4-82105-00	22- 1		
6H4-82117-00	21-19		
688-82117-00	31-22		
6H5-82127-00	10-57		

PART NO.	REF. NO.
688-82149-00	31-21
1E6-82151-00	29- 8
	31-25
6G1-82370-20	18-16
663-82370-01	18-16
688-82510-11	28- 8
703-82510-01	27-48
688-82520-00	31-19
663-82521-09	31-12
688-82521-00	31-23
688-82526-00	31-20
6H4-82531-00	18- 7
703-82531-00	27-50
6F5-82540-00	28- 1
703-82540-00	27-54
701-82550-50	26-39
6H4-82552-00	18-19
6H4-82553-00	28- 3
6H4-82554-00	22-27
	28- 2
703-82554-00	27- 2
682-82556-00	27-52
	28-11
689-82560-00	18-17
703-82563-00	27-59
689-82570-13	28- 6
689-82571-01	28- 7
688-82574-00	28- 9
703-82574-00	27-49
688-82575-01	28-10
701-82575-51	26-47
703-82575-00	27-51
688-8258A-10	28-20
688-8258A-20	27-53
	28-19
688-8258A-30	28-20
663-82581-01	28-12
688-82586-11	28-20
688-82586-21	27-53
	28-19
688-82586-31	28-20
6H4-82588-00	22-15
6H4-82590-02	22-14
6H4-82590-11	22-14
703-82591-00	27-57
703-82592-00	27-58
701-82594-00	26-42
703-82594-00	27-28

PART NO.	REF. NO.
688-83373-10	31- 4
688-83383-10	31- 1
703-83383-00	27-55
688-83504-00	30- 2
688-83510-01	29-10
688-83514-00	29-14
688-83516-00	29- 3
	29-11
	29-22
	30-10
	30-21
688-83523-00	29- 5
	29-13
688-83536-00	29- 4
	29-12
	29-23
	30-11
	30-22
688-83540-10	29- 2
688-83544-00	29- 6
663-83553-A0	30- 5
	30-17
	30-27
663-83553-Y0	30- 6
	30-16
	30-26
688-83553-10	29- 7
	31-24
688-83557-00	29-15
6E5-83558-00	15-61
688-83559-00	31-18
688-83577-00	30- 4
688-83590-00	30- 8
688-83591-00	30-14
688-83594-00	30- 9
688-83611-00	31-13
688-83660-00	29-20
688-83661-00	29-21
688-83664-00	29-24
	30- 3
	30-12
	30-23
688-83665-00	29-25
	30-13
688-83666-00	29-27
688-83667-00	29-26
663-83668-00	29-28
697-83901-60	31- 9

NUMERICAL INDEX

PART NO.	REF. NO.
663-84301-00	31- 6
663-84309-00	31- 7
6H4-85411-00	9-17
6H4-85415-00	9-18
6H4-85500-A0	20- 1
6H4-85500-F0	17- 1
6H4-85510-F0	17- 3
	20- 3
6H4-85520-00	17- 4
	20- 4
6H4-85540-20	18- 1
6H4-85548-00	17- 7
	20- 7
6H4-85550-A0	20- 2
6H4-85550-F0	17- 2
6H4-85570-20	18-13
688-85750-00	30-19
688-85751-00	30-20
688-85752-01	30-25
688-85756-00	30-24
6H4-86110-00	22- 8
6H4-86112-00	22- 9
90101-08M86	10-45
	11-40
90101-08080	14- 3
90101-08339	11-11
90101-09M66	24- 5
90101-09M70	24-12
90101-10M58	11-49
90101-12M65	10-58
90109-06M14	5-39
90109-08M24	12-33
90116-10175	10-55
	11-31
90116-18M21	10-27
90119-06M13	1- 5
90119-08M19	1- 4
90147-03M00	6-20
90149-14030	11- 5
90157-06M00	13-14
90159-04M00	4-16
	32-28
90159-05017	4-24
90170-07021	13-35
90170-09M03	24- 8
90170-09M05	24-13
90170-12138	15-36
90170-14M06	24-19

PART NO.	REF. NO.
90170-18M10	10-28
90171-16011	16-26
90179-16M05	17-14
90183-05M01	8- 5
	19- 5
90185-05002	16- 6
90185-08045	10-49
	11-44
90185-09M01	24- 4
	24-10
90185-10051	10-56
	11-32
90185-22043	10-11
	11- 9
90201-05652	4-28
90201-06060	5-10
90201-06068	9- 6
90201-06416	9-15
90201-09425	10-48
	11-43
90201-10M20	24- 3
90201-10M63	24- 6
90201-10M76	24-11
90201-12426	10-60
	11-51
90201-15423	10-46
	11-41
90201-16M44	17-15
90201-22428	10-10
	11- 8
90201-22429	15-47
90201-30420	10-32
	11-25
90201-31418	10-35
	11-27
90202-12M01	12- 7
	12-14
90202-12060	16-19
90202-12092	12- 9
90202-15M30	11-42
90202-15065	10-47
90206-12M00	12-15
90206-12052	9- 3
	12- 8
90209-06M04	21-22
90214-48008	15-57
90243-04001	11- 4
90249-06117	12-29

PART NO.	REF. NO.
90249-12M14	12- 5
90249-12M17	12-12
90250-06023	15-44
90266-04M01	8-12
	19-11
90280-03024	15-29
	32-58
90280-05015	17-13
90282-04010	15-54
90340-08M02	15- 5
90340-08014	15- 3
90340-14M00	1-16
90386-10M16	10-15
90386-10M19	10-20
90386-12069	9- 4
90386-14M51	10-25
90386-18M44	10-30
90386-30048	10-33
	11-24
90387-06M02	13-12
90387-06M41	9-14
90387-06M63	13- 2
90387-06M65	21-21
90387-06M66	5-21
90387-06M70	22-21
90387-06298	13- 3
	13-13
90387-07M64	12-21
90387-09074	11-12
90387-10M42	24- 7
90430-08020	15- 4
	32-39
90430-12072	16-21
90430-14115	1-17
	29-29
	30-15
	32- 4
90445-07M31	15-60
90445-09M37	1-29
	6- 4
90445-09057	6-28
90445-09063	6-33
90445-09085	6-13
90445-11M78	7-17
90445-11M80	7-15
90464-08M07	17-16
90465-11M10	15-62
	29-16

PART NO.	REF. NO.
90465-13M11	10-68
	15-63
90465-13M24	22-25
90465-18147	22-26
90467-08004	1-30
	6- 5
90468-18008	23- 9
90480-09M12	9-13
90501-10M21	10-17
90501-10227	5-45
90501-10326	4-30
90501-16M01	15-39
90501-18M00	11-22
90506-30M18	12-23
90508-26M20	13- 6
90510-08002	5- 4
90601-31402	29-17
	29-30
90890-44373	5-19
91316-06020	25-48
91490-16010	13-33
91490-20012	12-24
91490-30025	10-18
	16-27
91690-30010	10-23
	12- 3
91690-30020	22-29
	28- 5
91690-30316	13-26
91690-30318	13-21
91690-40018	5- 3
91790-05020	13-31
91830-21014	5-28
92180-06025	10- 5
92680-06090	27-42
92780-06025	26-19
92901-04100	28-14
92902-05100	17- 9
	20- 9
92902-06100	17- 6
	20- 6
92903-05100	28-17
	31-16
92903-05600	3-19
	9-25
	17-23
	22- 7
	28-18