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9.9D(6E7) 15D (6E8)

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This Parts Catalogue is related to the parts in use for the Yamaha outboard motor 9.9D'92 (6E7)/15D'92(6E8). When you are ordering replacement parts for the 9.9D'92(6E7)/15D'92(6E8), refer to this Parts Catalogue and quote both part numbers and part names correctly.

1. 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.

UR	Use size (thickness) and/or number as required.
UN	Use as many as you need.
AP	Alternate Parts
STD	Standard
O/S	Over Size

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

EXAMPLE

CARBURETOR ASS'Y
 . JET, pilot
 . NOZZLE, main

4. Indication of No. of constituent parts for assembly.

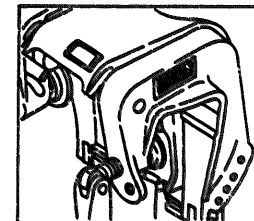
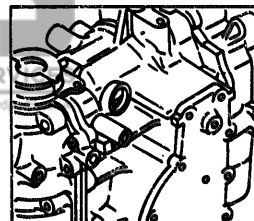
The numeral appearing to the right of each constituent part under the description indicates the quantity of such parts for each individual assembly unit.

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

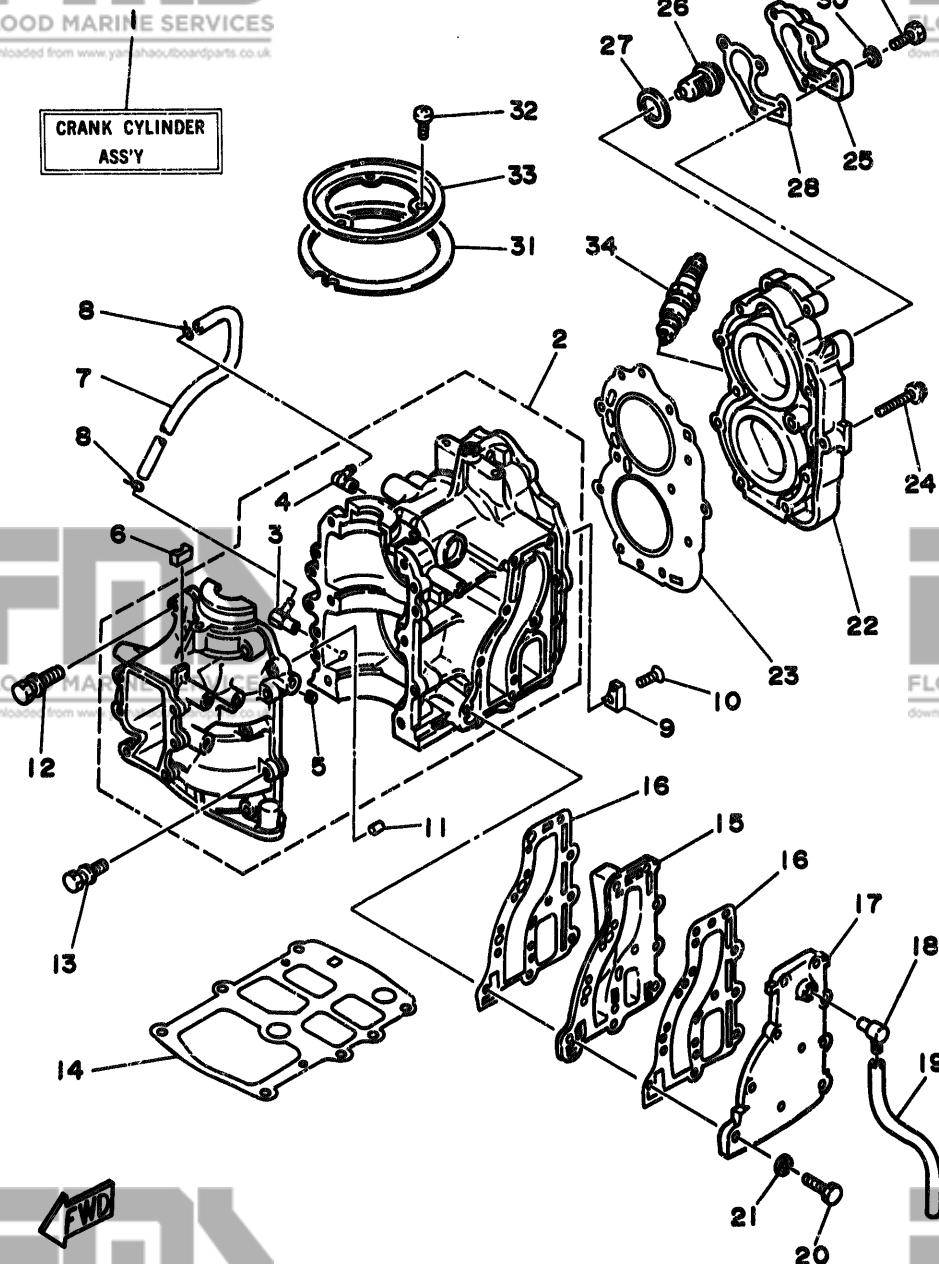
Engine Serial No.	9.9D	S : 090117 and following L : 393692 and following SUL : _____
	9.9DE	S : 252642 and following L : 557213 and following SUL : _____
	15D	S : 101573 and following L : 356605 and following SUL : _____
	15DE	S : 253843 and following L : 555152 and following SUL : _____



Color Code	Color Name	Abbreviate
EJ	METALLIC MARINE BLUE	MMB

Fig. 1 CYLINDER. CRANKCASE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E7-W0090-03-EJ	CRANK CYLINDER ASSY		17	682-41113-00-9M	OUTER COVER, exhaust	1
		(Ref.No. 2 to 33 and Fig. 2, Ref.No. 1 to 30)	1	18	676-11372-00	NIPPLE, hose	1
2	6E7-15100-00-94	CRANKCASE ASSY	1	19	90445-09095	HOSE	1
3	650-11370-00	.CHECK VALVE ASSY	1	20	97313-06025	BOLT	10
4	650-14485-02	.PIPE, joint	1	21	92990-06600	WASHER, plate	10
5	624-11379-00	.VALVE, check	1	22	6E7-11111-00-94	HEAD, cylinder 1	1
6	682-41615-00	STOPPER, magneto base	1	23	6E7-11181-A0	GASKET, cylinder head 1	1
7	90445-07M08	HOSE	1	24	90105-07M05	BOLT, washer based	11
8	90467-06016	CLIP	2	25	682-12413-00-9M	COVER, thermostat	1
9	682-11325-00	ANODE	1	26	6F5-12411-02	THERMOSTAT	1
10	98780-05016	SCREW, flat head	1	27	90201-21567	WASHER, plate	1
11	93606-12019	PIN, dowel	2	28	682-12414-A1	GASKET, cover	1
12	90119-08M17	BOLT, with washer	6	29	97313-06020	BOLT	4
13	90119-06M13	BOLT, with washer	4	30	92990-06600	WASHER, plate	4
14	682-11351-A0	GASKET, cylinder	1	31	682-41612-01	RETAINER, magneto base	1
15	682-41111-00-9M	INNER COVER, exhaust	1	32	97803-06010	SCREW, pan head	3
16	682-41112-A1	GASKET, exhaust outer cover	2	33	682-41611-00	RETAINER, magneto base	1
				34	94702-00271	PLUG, spark (NGK BR7HS 10)	2



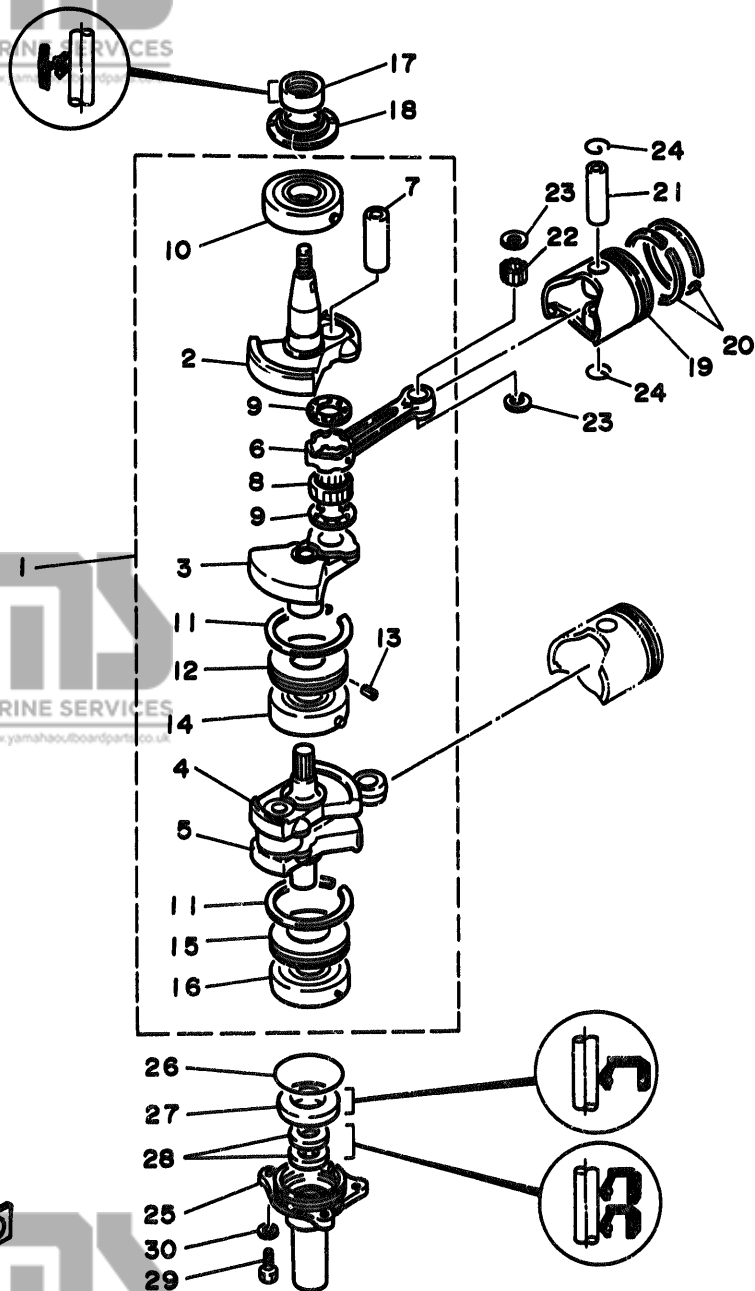
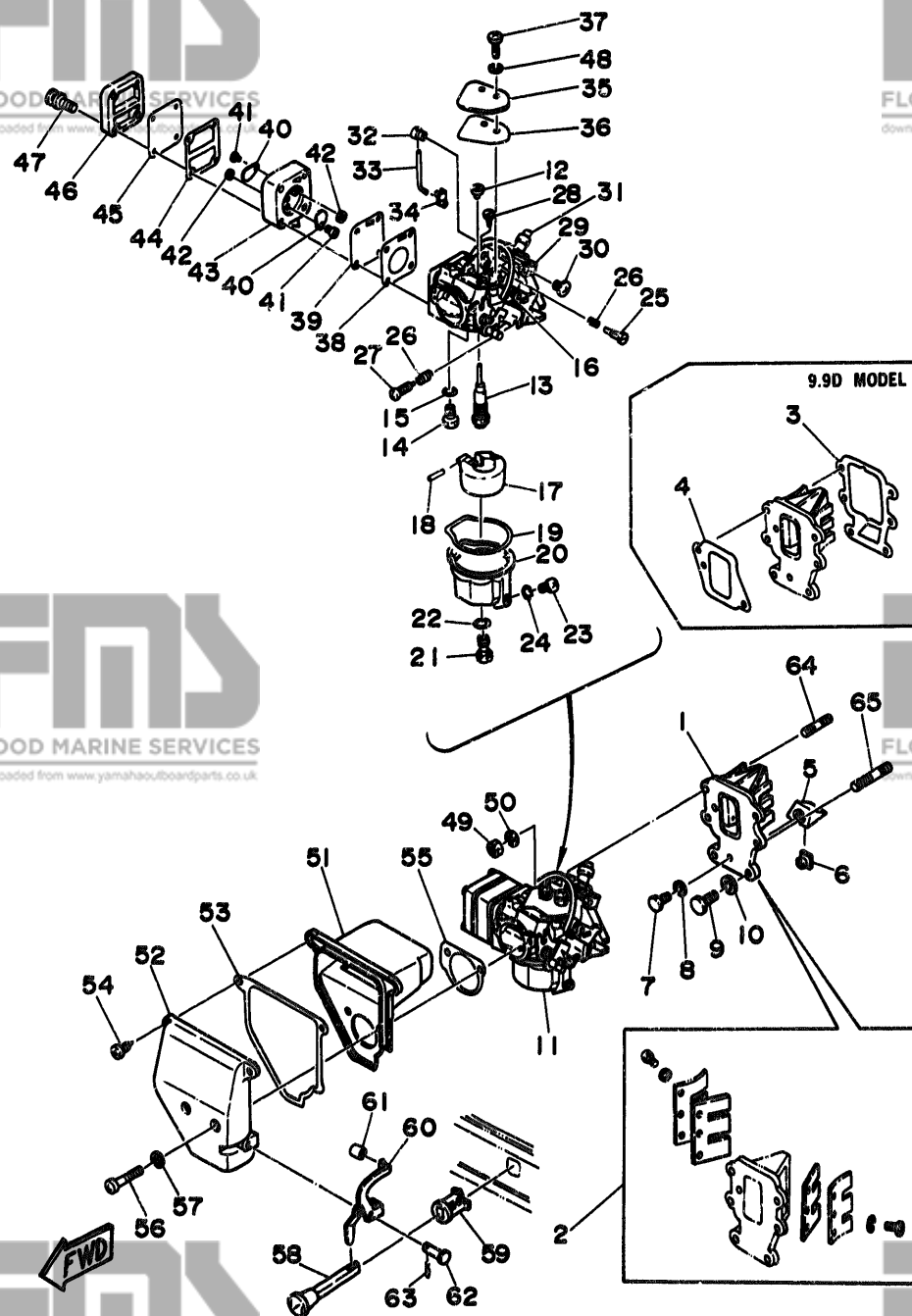


Fig. 2 CRANKSHAFT. PISTON

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	682-11400-02	CRANKSHAFT ASSY	1	18	682-11445-00	SPACER	1
2	682-11412-01	CRANK 1	1	19	6E7-11631-00-97	PISTON (STD)	2
3	6K4-11432-00	CRANK 3	1		6E7-11635-00	PISTON (0.25MM O/S)	2 AP
4	6K4-11422-00	CRANK 2	1		6E7-11636-00	PISTON (0.50MM O/S)	2 AP
5	682-11442-01	CRANK 4	1	20	682-11610-01	PISTON RING SET (STD)	2
6	650-11651-04	ROD, connecting	2		682-11610-11	PISTON RING SET (1ST O/S)	2 AP
7	682-11681-00	PIN, crank 1	2		682-11610-21	PISTON RING SET (2ND O/S)	2 AP
8	93310-620V5	BEARING, cylindrical	2	21	634-11633-00	PIN, piston	2
9	90209-20159	WASHER	4	22	93602-14104	PIN, dowel	50
10	93306-205U2	BEARING	1	23	90201-14377	WASHER, plate	4
11	93440-57M01	CIRCLIP	2	24	93450-15023	CIRCLIP	4
12	682-11515-02	SEAL, labyrinth 1	1	25	682-15396-03-5B	HOUSING, oil seal	1
13	91690-20008	PIN, spring	1	26	93210-53679	O-RING	1
14	93304-205U0	BEARING	1	27	93101-20M34	OIL SEAL	1
15	682-11525-00	SEAL, labyrinth 2	1	28	93101-13M11	OIL SEAL	2
16	93306-304U0	BEARING	1	29	97395-06016	BOLT	3
17	93110-23M00	OIL SEAL	1	30	92990-C6600	WASHER, plate	3

Fig. 3 INTAKE

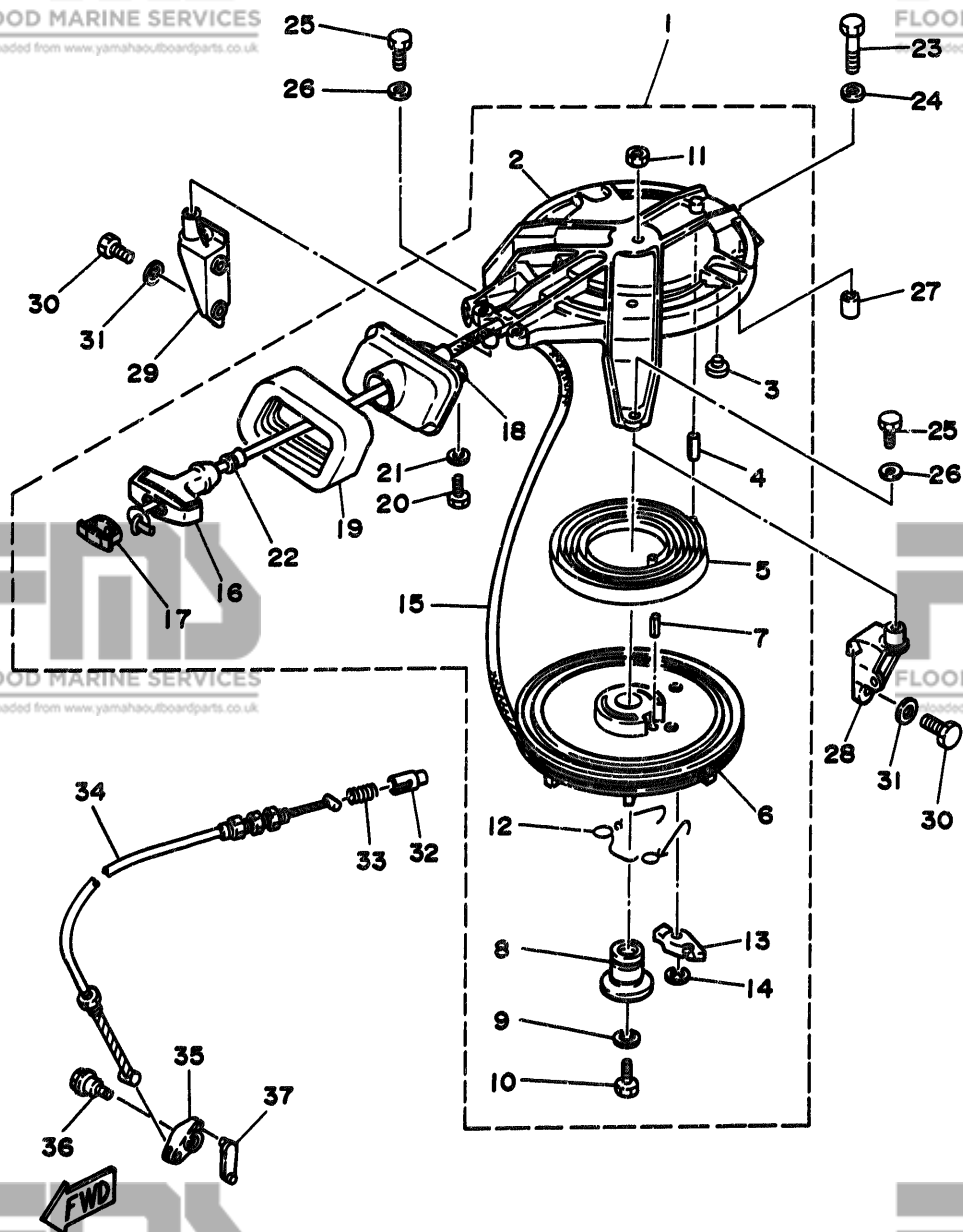


Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E7-13610-71	REED VALVE ASSY (9.9D Model)	1 UR	31	682-41291-00	.BUSHING	1
	6E8-13610-01	REED VALVE ASSY (15D Model)	1 UR	32	677-41226-00	.END, throttle lever	1
2	6E7-W0004-70	.REED SET (9.9D Model)	1 UR	33	682-41219-00	.ROD	1
	682-W0004-00	.REED SET (15D Model)	1 UR	34	661-41262-02	.JOINT, choke lever	1
3	682-13621-A0	GASKET, valve seat (9.9D Model)	1	35	6E7-14157-00	.COVER, mixing	1
4	677-14198-A0	GASKET (9.9D Model)	1	36	6E7-14227-00	.GASKET	1
5	6E7-13625-00	SPACER, reed valve	1	37	98580-04008	.SCREW, pan head	2
6	6E7-13588-01	NUT	1	38	677-24434-02	.GASKET, body	1
7	97013-06012	BOLT	1	39	677-24411-02	.DIAPHRAGM	1
8	92990-06600	WASHER, plate	1	40	6A0-24421-01	.VALVE, check	2
9	97313-06016	BOLT	4	41	6E7-14325-00	.SCREW, pan head	2
10	92990-06600	WASHER, plate	4	42	95380-03600	.NUT	2
11	6E7-14301-74	CARBURETOR ASSY 1 (9.9D Model)	1 UR	43	682-24412-01	.BODY 1	1
	6E8-14301-04	CARBURETOR ASSY 1 (15D Model)	1 UR	44	677-24435-02	.GASKET, body 2	1
12	6E7-14342-26	.JET, pilot (#52) (9.9D Model)	1 UR	45	677-24471-01	.DIAPHRAGM	1
	6E7-14342-28	.JET, pilot (#56) (15D Model)	1 UR	46	677-24413-01	.BODY 2	1
13	6E7-14341-70	.NOZZLE, main (9.9D Model)	1 UR	47	677-24444-00	.SCREW	4
	6E8-14341-00	.NOZZLE, main (15D Model)	1 UR	48	92903-04100	.WASHER, spring	2
14	6E8-14390-12	.NEEDLE VALVE ASSY	1	49	95380-06700	NUT	2
15	367-14195-00	.GASKET	1	50	92990-06600	WASHER, plate	2
16	367-14396-00	.PIPE	1	51	682-14417-02	COVER 1	1
17	6E7-14385-00	.FLOAT	1	52	682-14418-01	COVER 2	1
18	647-14386-10	.PIN, float	1	53	682-14416-A0	GASKET, air cleaner	1
19	677-14384-01	.GASKET, float chamber	1	54	97780-50514	SCREW, tapping	2
20	6E7-14381-00	.BODY, float chamber	1	55	682-14483-A0	GASKET	1
21	677-14343-52	.JET, main (#104) (9.9D Model)	1 UR	56	98580-05530	SCREW, pan head	2
	677-14343-68	.JET, main (#136) (15D Model)	1 UR	57	92990-05600	WASHER, plate	2
22	1J2-14396-00	.GASKET	1	58	682-41271-00	KNOB, choke	1
23	97890-04000	.SCREW, pan head	1	59	682-41273-00	GROMMET	1
24	655-14398-00	.GASKET	1	60	682-41252-01	LEVER, choke	1
25	647-14323-00	.SCREW, air adjusting	1	61	682-41267-00	BUSHING, joint	1
26	646-14212-01	.SPRING, pilot adjusting	2	62	682-41263-00	PIN, choke lever	1
27	98503-04014	.SCREW, pan head	1	63	90468-10005	CLIP	1
28	647-14326-00	.SCREW, guide	1	64	90116-06130	BOLT, stud	1
29	682-41210-00	.ACCEL. ARM ASSY	1	65	90116-06M04	BOLT, stud	1
30	677-14327-00	.SCREW	1				

Fig. 4 STARTER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E7-15710-04-94	STARTER ASSY	1	20	97395-06016	.BOLT	2
2	682-15711-71-94	.CASE, starter	1	21	92990-06600	.WASHER, plate	2
3	648-15773-00	.STAY 3	1	22	689-15789-00	.DAMPER	1
4	91690-40016	.PIN, spring	1	23	97395-06035	BOLT	1
5	90510-08M04	.SPRING, spiral	1	24	92990-06600	WASHER, plate	1
6	677-15714-00-94	.DRUM, sheave	1	25	97395-06020	BOLT	2
7	91690-40020	.PIN, spring	1	26	92990-06600	WASHER, plate	2
8	677-15717-01	.SHAFT, starter	1	27	99530-10014	PIN, dowel	1
9	90201-06060	.WASHER, plate	1	28	6E7-15771-01-94	STAY 1	1
10	97313-06030	.BOLT	1	29	6E7-15771-80-94	STAY 1	1
11	95303-06600	.NUT	1	30	97313-06018	BOLT	4
12	677-15705-02	.SPRING, drive pawl	1	31	92990-06600	WASHER, plate	4
13	677-15741-01	.PAWL, drive	1	32	656-15748-00	PLUNGER, starter stop	1
14	93430-06M02	.CIRCLIP	1	33	90501-10227	SPRING, compression	1
15	*	.WIRE (L1650)	1	34	682-15770-00	CABLE COMP., starter stop	1
16	689-15755-01	.HANDLE, starter	1	35	682-15746-00	ARM	1
17	6F5-15779-02	.COVER	1	36	90109-06M04	BOLT	1
18	6E7-15758-00-94	.GUIDE, rope	1	37	682-15747-00	LINK	1
19	6E7-15761-00	.SEAL, rubber 1	1				

* Cut from 50m rolls, Parts No. 90890-44373, Cutting length 1.65m.



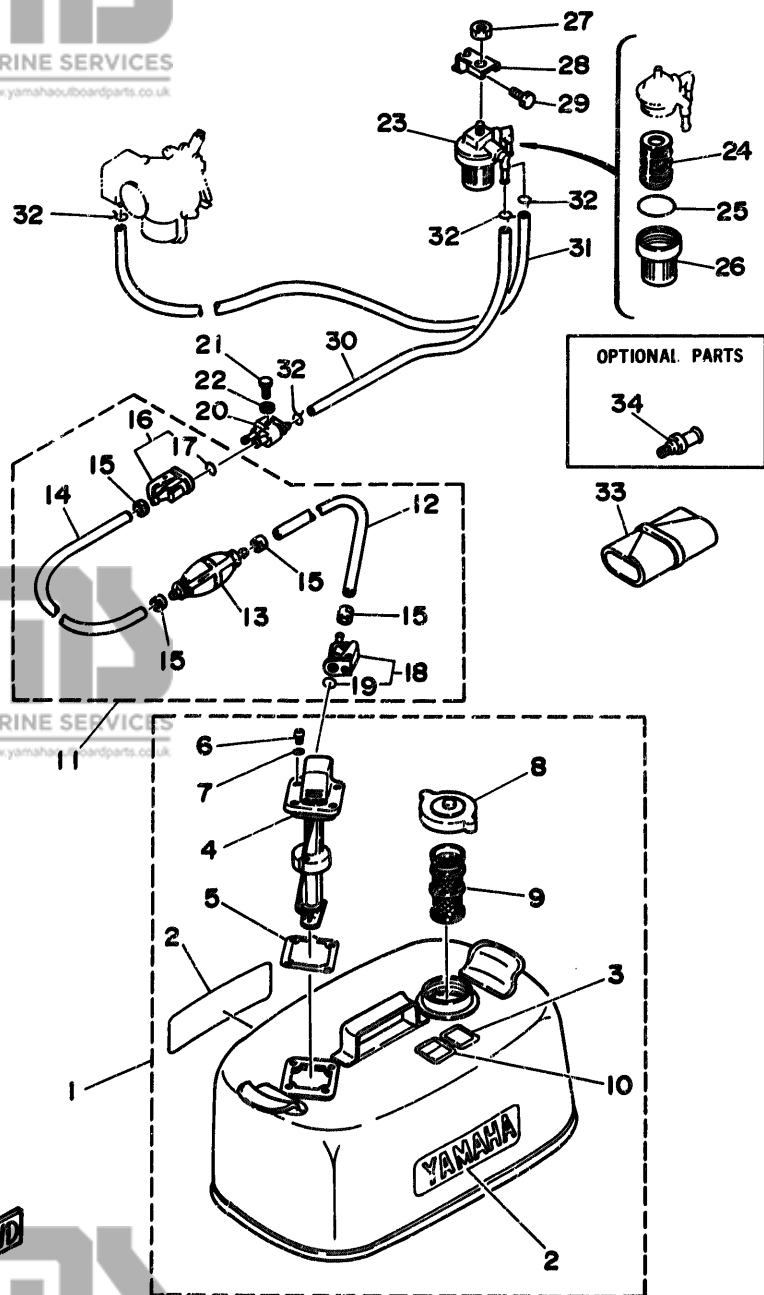


Fig. 5 FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6Y1-W2420-62-24	FUEL TANK ASSY	1	18	6Y1-24305-01	.FUEL PIPE JOINT COMP. 2	1
2	6Y1-24246-00	.GRAPHIC, side	2	19	93210-08287	..O-RING	1
3	6Y1-24257-00	.GRAPHIC	1	20	6G1-24304-02	FUEL PIPE JOINT COMP. 1	1
4	6Y1-24260-02	.FUEL METER ASSY	1	21	97395-06020	BOLT	1
5	6Y1-24268-00	.GASKET, fuel meter	1	22	92990-06600	WASHER, plate	1
6	98586-05016	.SCREW, pan head	4	23	655-24560-01	FILTER ASSY	1
7	6Y1-24329-00	.SEAL	4	24	6F5-24563-00	.ELEMENT, filter	1
8	6Y1-24610-00	.CAP ASSY	1	25	93210-37M25	.O-RING	1
9	6Y1-24167-00	.STRAINER	1	26	655-24521-01	.CUP, filter	1
10	6Y1-24255-80	.GRAPHIC, fuel tank 8	1	27	95380-08600	NUT	1
11	6Y1-24306-05	FUEL PIPE COMP. 1	1	28	682-24566-00	BRACKET, filter	1
# 12	90445-11M06	.HOSE (L2050)	1	29	97313-06010	BOLT	1
13	6Y1-24360-02	.PRIMER PUMP ASSY	1	30	90445-09M53	HOSE	1
# 14	90445-11M05	.HOSE (L1850)	1	31	90445-09100	HOSE	1
15	650-24351-01	.BAND 1	4	32	90467-08004	CLIP	4
16	6G1-24305-00	.FUEL PIPE JOINT COMP. 2	1	33	656-W2810-01	TOOL KIT	1
17	93210-08287	..O-RING	1	34	6E0-28193-00-94	PLUG, water check	1 AP

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

Fig. 6 TOP COMLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E7-42610-25-EJ	TOP COMLING ASSY (9.9D Model)	1 UR	8	97395-06016	.BOLT	3
	6E8-42610-25-EJ	TOP COMLING ASSY (15D Model)	1 UR	9	92990-06600	.WASHER, plate	3
2	6B2-42615-00	.SEAL	1	10	6E7-W0070-23	.GRAPHIC SET	1
3	6E7-42651-02	.HOOK	1	11	6E7-42677-10	.GRAPHIC, front (9.9D Model)	1 UR
4	90266-04M00	.RIVET	2		6E8-42677-10	.GRAPHIC, front (15FD Model)	1 UR
5	6E7-42652-00	.HOOK	1	12	6E7-42678-11	.GRAPHIC, rear (9.9D Model)	1 UR
6	90266-04M04	.RIVET	2		6E8-42678-11	.GRAPHIC, rear (15D Model)	1 UR
7	6E7-42613-00-EJ	.MOLDING, air duct	1				

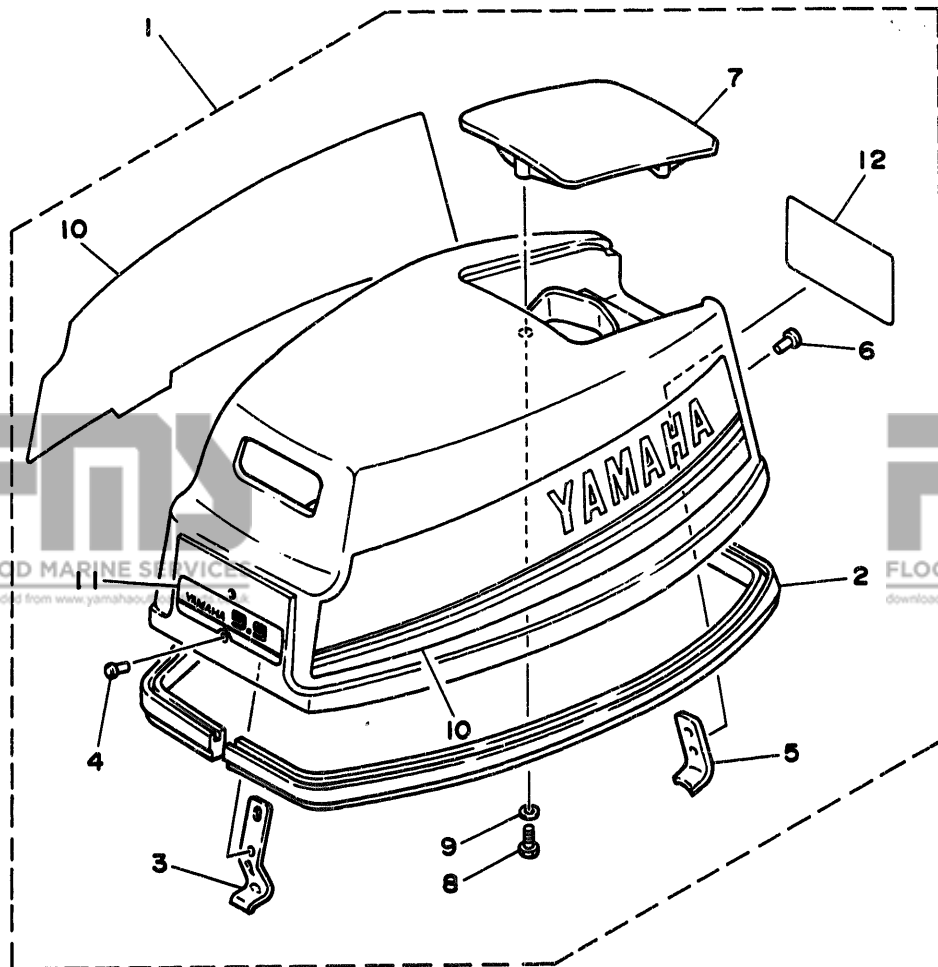
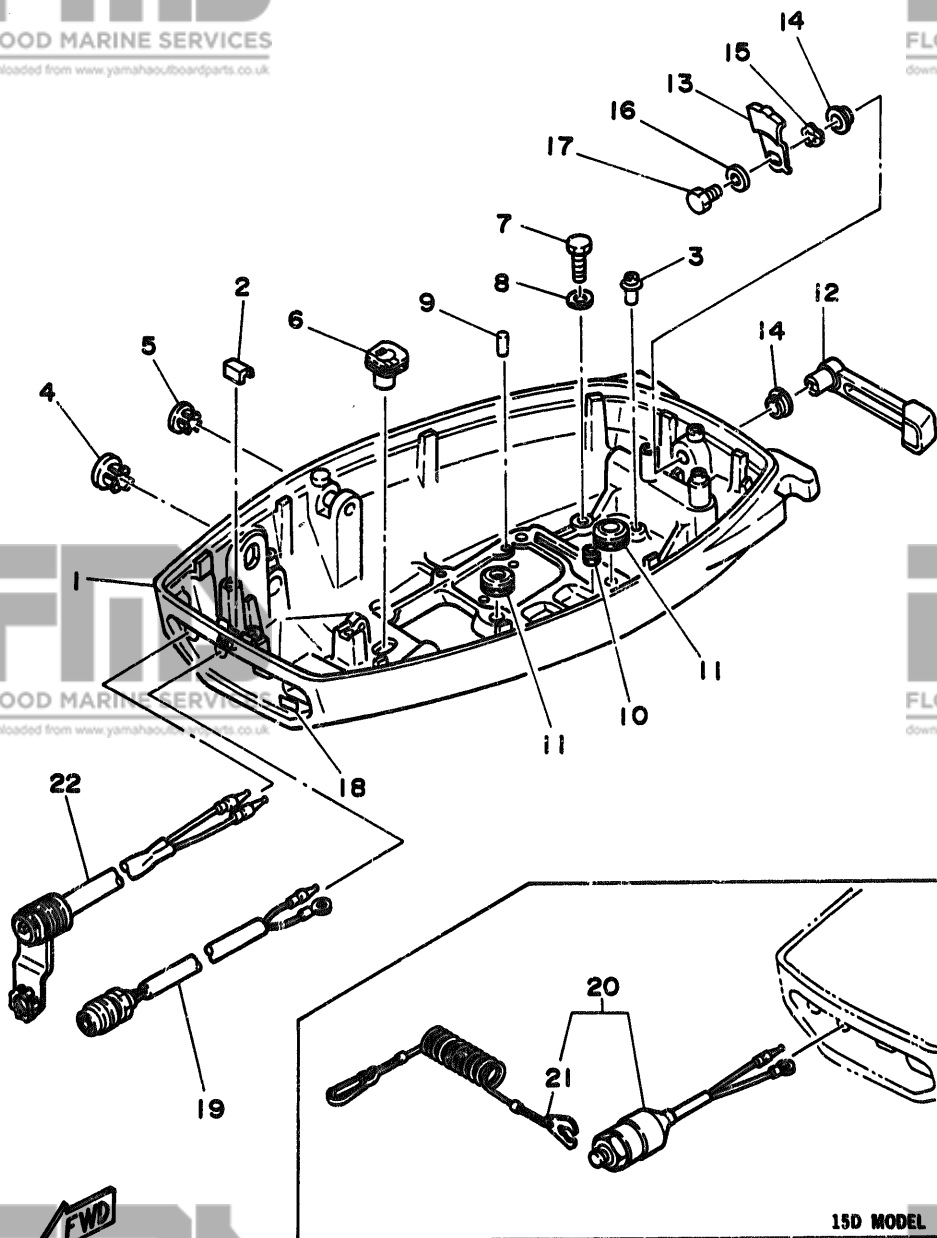


Fig. 7 BOTTOM COWLING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	682-42711-03-EJ	COWLING, bottom	1	13	6E7-42816-00	LEVER, clamp	1
2	6K4-42629-00	SEAL	1	14	90386-12069	BUSH	2
3	650-24378-00	PIPE, joint 4	1	15	90206-12052	WASHER, wave	1
4	682-42725-02	GROMMET	1	16	90201-06068	WASHER, plate	1
5	682-42726-00	GROMMET	1	17	97313-06010	BOLT	1
6	682-42727-00	GROMMET	1	18	6A1-42792-01	MARK	1
7	97313-06020	BOLT	2	19	6A0-82550-01	ENGINE STOP SWITCH ASSY (9.9D Model)	1
8	92990-06600	WASHER, plate	2	20	6E9-82575-00	ENGINE STOP SWITCH ASSY (15D Model)	1
9	93606-12019	PIN, dowel	2	21	682-82556-00	STOPPER ASSY	1
10	682-44366-00	DAMPER, water seal	1	22	682-84381-00	2P CONCENT	1
11	682-44367-00	DAMPER, water seal	2				
12	682-42815-00-EJ	LEVER, clamp	1				



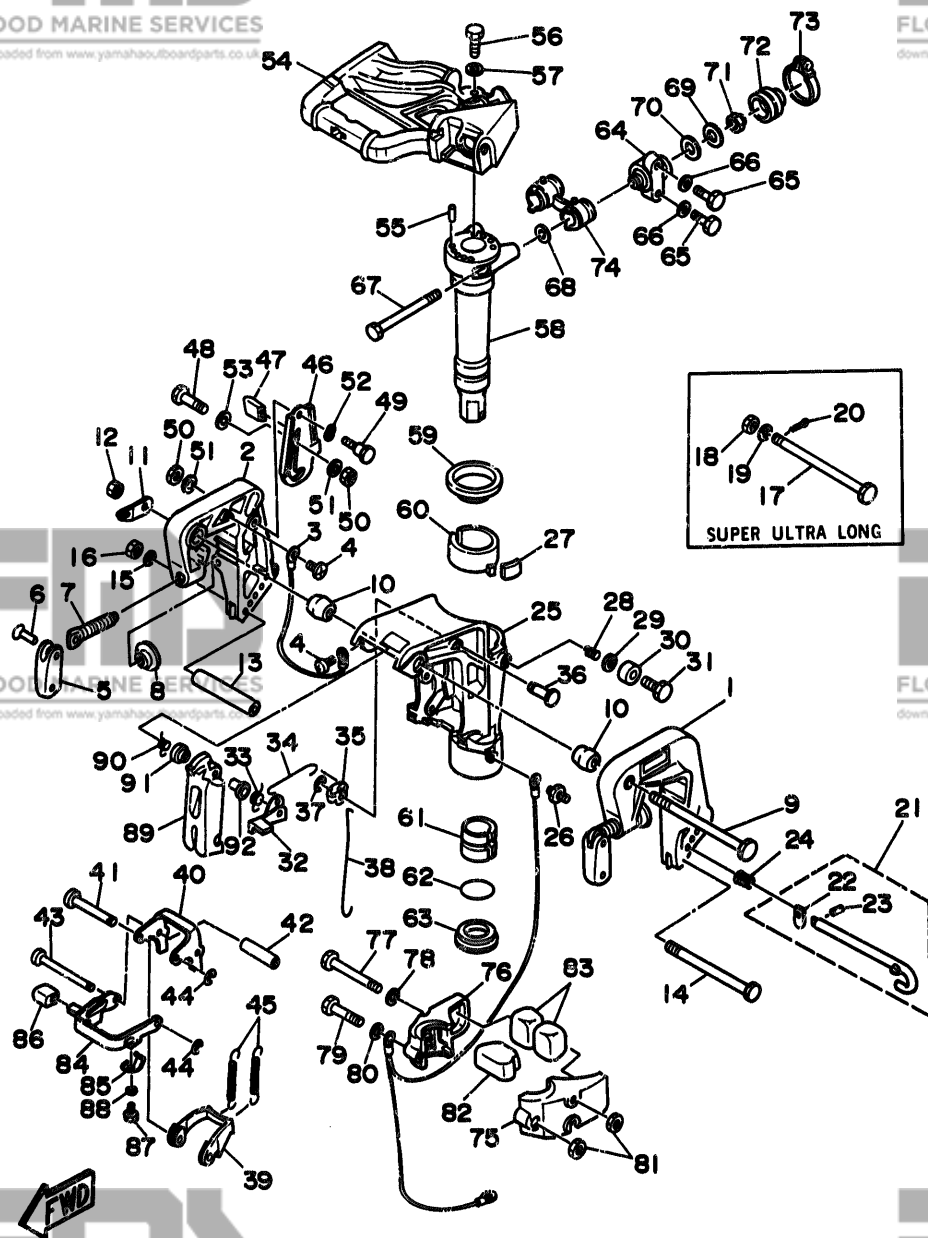


Fig. 8 BRACKET 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	682-43111-02-EJ	BRACKET, clamp	1	47	682-43318-01	COVER	1
2	682-43112-03-EJ	BRACKET, clamp	1	48	90109-06M03	BOLT	1
3	6E5-82148-00	WIRE, lead 4	1	49	90109-06M05	BOLT	1
4	97895-06008	SCREW, pan head	2	50	95680-06100	NUT, u	2
5	616-43118-00-EJ	HANDLE, transom clamp	2	51	92990-06600	WASHER, plate	2
6	90243-04M00	PIN	2	52	90206-10M15	WASHER, wave	1
7	90149-14030	SCREW	2	53	682-43339-01	WASHER	1
8	648-43114-01	PAD, transom clamp	2	54	6K4-42511-00-EJ	BRACKET, steering	1
9	90101-10M01	BOLT	1	55	93606-12019	PIN, dowel	2
10	626-43136-00	PIECE, friction	2	56	97395-06025	BOLT	3
11	6E7-43113-01	PLATE, clamp bracket	1	57	92990-06600	WASHER, plate	3
12	90185-10051	NUT, self-locking	1	58	682-42521-00-94	SHAFT, steering pivot	1
13	90387-06M13	COLLAR	1	59	90209-52M01	WASHER	1
14	90101-06M29	BOLT	1	60	682-42537-00	BUSHING, pivot shaft	1
15	92990-06600	WASHER, plate	1	61	90386-40M09	BUSH	1
16	95380-06700	NUT	1	62	93210-40M10	O-RING	1
17	90201-08M01	BOLT, with hole (Super Ultra Long)	1	63	90386-40M08	BUSH	1
18	90171-08M00	NUT, castle (Super Ultra Long)	1	64	682-44514-00-94	MOUNT DAMPER, upper side (Short/Long)	2 UR
19	92990-08600	WASHER, plate (Super Ultra Long)	1		682-44514-30-94	MOUNT DAMPER, upper side (Super Ultra Long)	2 UR
20	91490-20015	PIN, cotter (Super Ultra Long)	1	65	97395-06025	BOLT	4
21	682-43160-01	TILT ROD ASSY	1	66	92990-06600	WASHER, plate	4
22	656-43165-01	PLATE, tilt lock	1	67	90101-08M30	BOLT	2
23	91690-30008	PIN, spring	1	68	90201-08M12	WASHER, plate	2
24	90502-10M07	SPRING, conical	1	69	90201-08M13	WASHER, plate	2
25	682-43311-04-EJ	BRACKET, swivel	1	70	90202-13M02	WASHER, plate	2
26	93700-06004	NIPPLE, grease	1	71	95780-08300	NUT, flange	2
27	648-42528-00	PLATE, friction	1	72	682-44522-00	SEAL	2
28	90501-18M00	SPRING, compression	1	73	90460-42M01	CLAMP, hose	1
29	92990-08600	WASHER, plate	1	74	682-44521-01	SEAL	1
30	676-43373-00	SEAL, damper	1	75	682-44551-01-EJ	HOUSING, lower mount rubber	1
31	97395-06025	BOLT	1	76	682-44552-01-EJ	HOUSING, lower mount rubber	1
32	682-43631-00	LEVER, tilt	1	77	97395-08085	BOLT	2
33	90508-12M03	SPRING, torsion	1	78	92990-08600	WASHER, plate	2
34	682-43616-00	ROD, tilt lock	1	79	97395-08055	BOLT	1
35	682-43641-00	LEVER, tilt	1	80	92990-08600	WASHER, plate	1
36	90249-06M23	PIN	1	81	95380-08700	NUT	3
37	99080-05600	CIRCLIP	1	82	682-44557-00	MOUNT DAMPER, lower front	1
38	682-43617-00	ROD, tilt lock	1	83	682-44555-00	MOUNT DAMPER, lower side (Short/Long)	2 UR
39	682-43614-00	PLATE, tilt lock	1		682-44555-30	MOUNT DAMPER, lower side (Super Ultra Long)	2 UR
40	682-43615-01	PLATE, tilt lock	1	84	682-43681-01	LEVER, shallow water drive	1
41	682-43611-01	SHAFT, tilt lock	1	85	682-43643-00	SPRING	1
42	90387-06M20	COLLAR	1	86	682-43318-01	COVER	1
43	682-43659-00	SHAFT, reverse lock	1	87	97395-06008	BOLT	1
44	99080-05600	CIRCLIP	2	88	92990-06600	WASHER, plate	1
45	90506-26M01	SPRING, tension	2 UR	89	682-42731-01-EJ	CARRYING HANDLE	1
	90506-26M07	SPRING, tension (For Dual Thrust Prop.)	2 UR	90	90508-16M04	SPRING, torsion	1
46	6E7-43181-00	LEVER, tilt stop	1	91	90386-10025	BUSH	1
				92	90386-10045	BUSH	1

Fig. 9 CONTROL 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E7-42111-00-EJ	HANDLE, steering	1	32	682-41661-00	BRACKET	1
2	682-42123-01	BOLT, handle joint	1	33	97803-06010	SCREW, pan head	2
3	90206-12M06	WASHER, wave	1	34	682-41238-01	JOINT, link	1
4	90386-12M07	BUSH	1	35	682-41237-00	JOINT, link	1
5	97395-06025	BOLT	1	36	95380-05700	NUT	1
6	92990-06600	WASHER, plate	1	37	682-44111-01-94	HANDLE, gear shift	1
7	90201-12181	WASHER, plate	1	38	682-44132-00	BUSHING	1
8	90386-06M06	BUSH	1	39	682-44121-00	LEVER, shift rod	1
9	90109-08M01	BOLT	1	40	91490-25020	PIN, cotter	1
10	92990-08600	WASHER, plate	1	41	682-44116-00	SPRING	1
11	90202-12031	WASHER, plate	1	42	682-44117-00	BRACKET	1
12	664-42119-00	GRIP, steering handle	1	43	97013-06012	BOLT	1
13	6E8-42137-00	INDICATOR, throttle	1	44	682-44125-01	LEVER, shift rod	1
14	90269-02M09	RIVET	1	45	91490-25020	PIN, cotter	1
15	6G1-42177-00	RUBBER, handle	1	46	682-44118-01	BRACKET	1
16	98680-05525	SCREW, oval head	1	47	682-41666-00	STOPPER, magneto control lever	1
17	92990-10600	WASHER, plate	1	48	90109-06M04	BOLT	1
18	90501-23215	SPRING, compression	1	49	682-44124-00	LINK, shift rod	1
19	6E7-42141-00-94	GEAR, knee 1	1	50	91490-20010	PIN, cotter	1
20	90386-08032	BUSH	1	51	92990-05600	WASHER, plate	1
21	682-42142-01	GEAR, knee 2	1	52	682-44143-00	ROD, shift	1
22	90386-20M71	BUSH	1	53	95380-06700	NUT	1
23	682-42116-00	SHAFT, steering handle 2	1	54	90170-06015	NUT	1
24	682-42716-00	RUBBER, seal 1	1	55	91790-05020	PIN, clevis	1
25	682-42151-01	PINION	1	56	92990-05600	WASHER, plate	1
26	682-42171-01	BUSHING	1	57	91490-16010	PIN, cotter	1
27	97313-06016	BOLT	2	58	656-42126-01	FRICTION, steering handle grip	1
28	92990-06200	WASHER, plain	2	59	97395-06020	BOLT	1
29	682-42152-01	GEAR	1	60	92990-06600	WASHER, plate	1
30	682-41631-00-94	LEVER, magneto control	1	61	90185-06062	NUT, self-locking	1
31	663-85518-00	JOINT, ball	1				

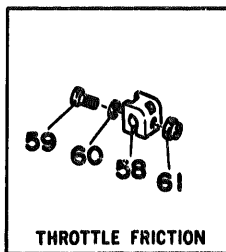
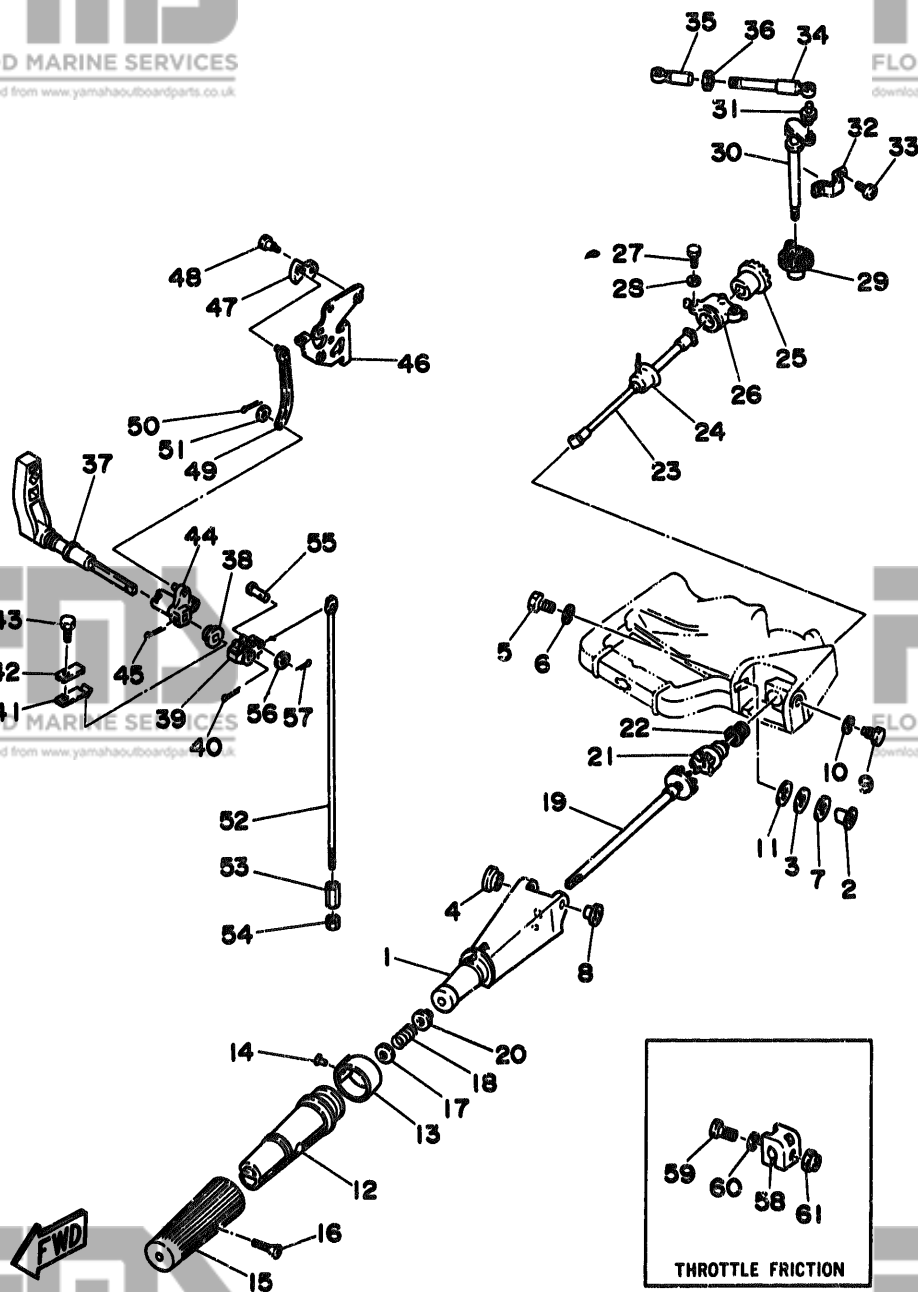
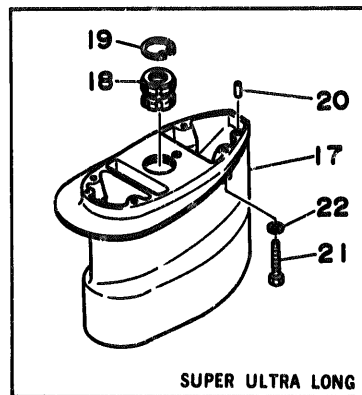
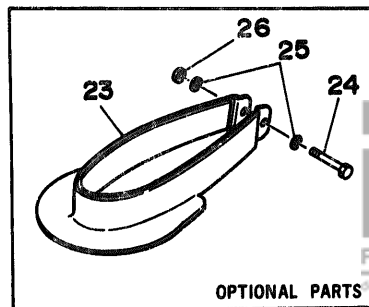
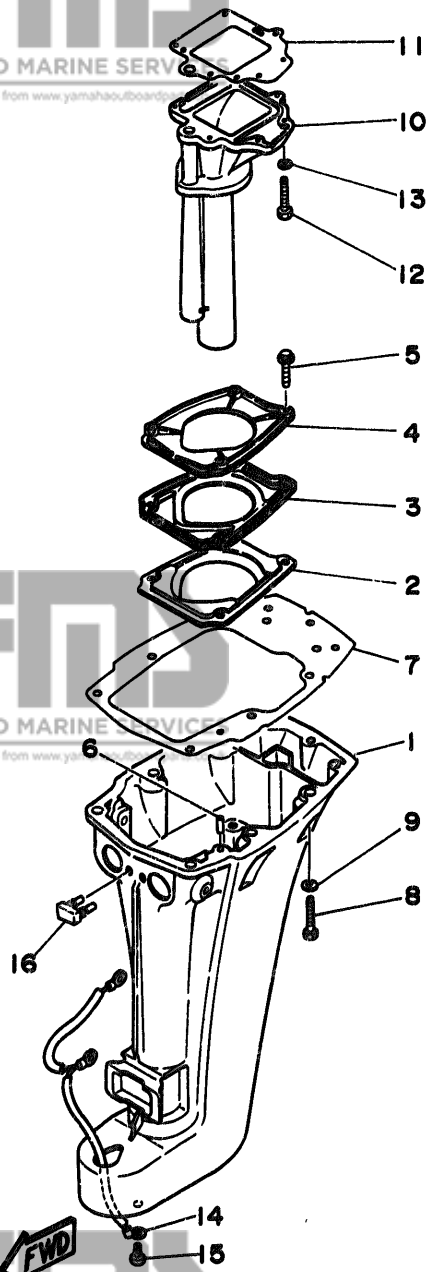


Fig. 10 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	682-45111-04-EJ	CASING, upper (Short)	1 UR	17	682-45211-30-EJ	EXTENSION (Super Ultra Long)	1
	682-45111-14-EJ	CASING, upper (Long)	1 UR	18	682-45318-00	BUSHING, drive shaft (Super Ultra Long)	1
2	682-45126-00-5B	PLATE, seal damper	1	19	93420-30042	CIRCLIP (Super Ultra Long)	1
3	682-45127-00	SEAL	1	20	93606-12019	PIN, dowel (Super Ultra Long)	2
4	682-41116-00-5B	PROTECTOR	1	21	97090-08035	BOLT (Super Ultra Long)	4
5	90105-06M01	BOLT, washer based	4	22	92990-08600	WASHER, plate (Super Ultra Long)	4
6	93606-12019	PIN, dowel	2	23	682-45158-00-EJ	PLATE, splash	1 AP
7	682-45113-A1	GASKET, upper casing	1	24	97395-06040	BOLT	1 AP
8	97395-08040	BOLT	6	25	92990-06600	WASHER, plate	2 AP
9	92990-08600	WASHER, plate	6	26	95380-06700	NUT	1 AP
10	682-41131-01-5B	MANIFOLD, ext. 1	1				
11	682-41133-A0	GASKET, exhaust manifold 1	1				
12	97395-06020	BOLT	6				
13	92990-06600	WASHER, plate	6				
14	6E7-82127-00	WIRE, lead 2	1				
15	90157-06M06	SCREW, pan head	1				
16	682-44532-00	STOPPER, upper mount	1				



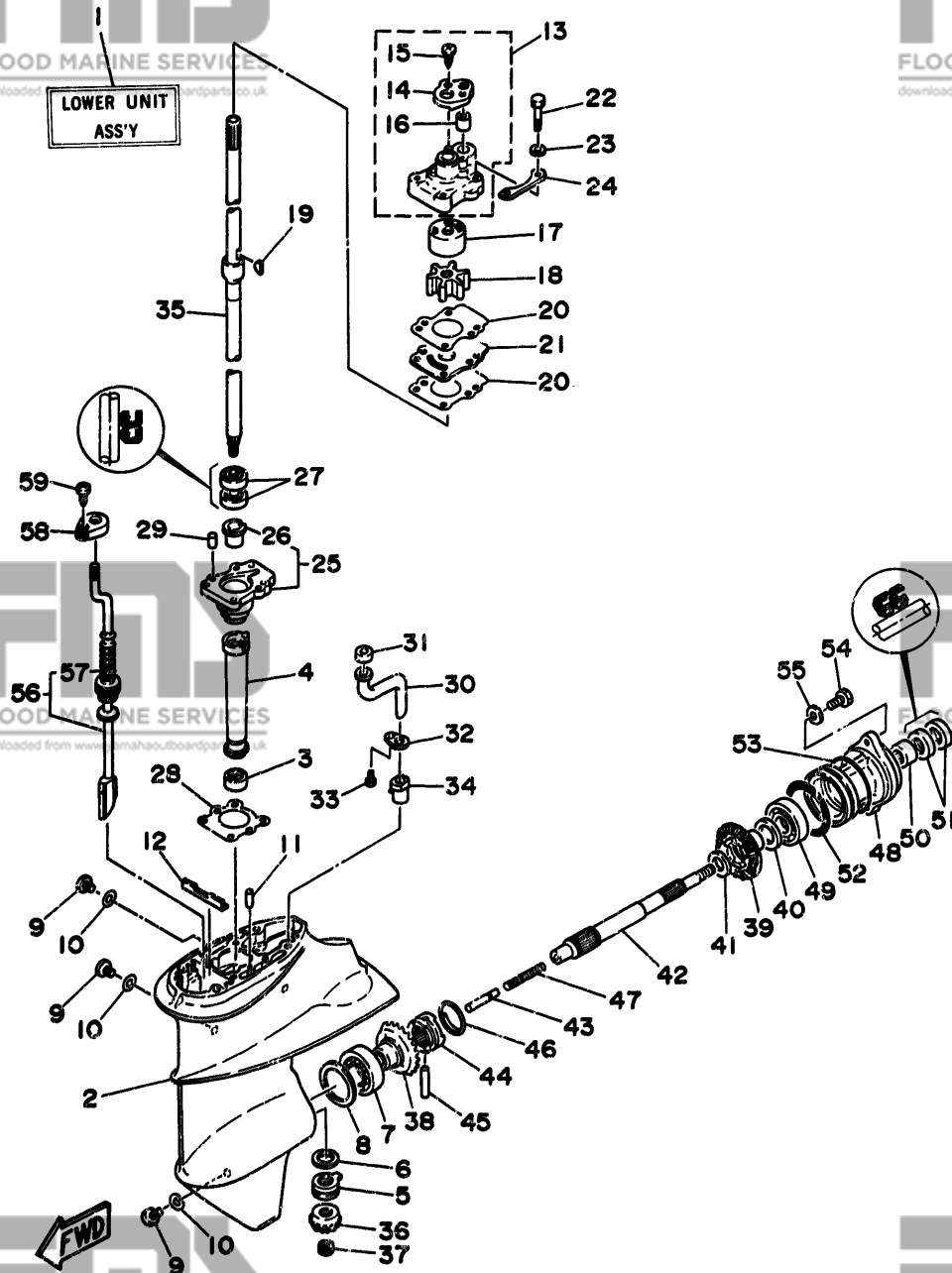
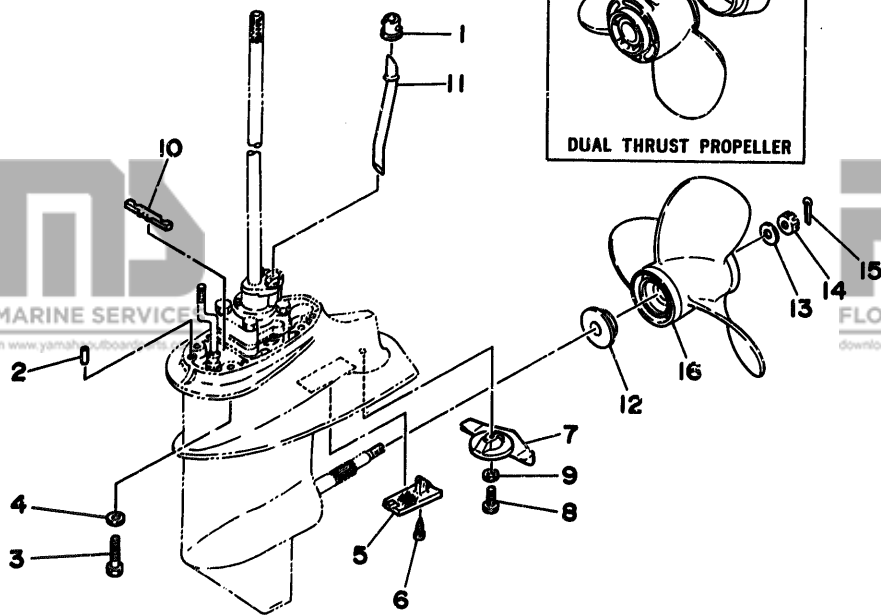
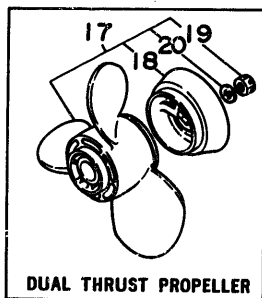


Fig. 11 LOWER CASING. DRIVE 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E7-45300-05-EJ	LOWER UNIT ASSY (Short)	1 UR	27	93101-20048	OIL SEAL	2
	(Ref.No. 2 to 59)			28	683-45315-A0	PACKING, lower casing	1
	6E7-45300-15-EJ	LOWER UNIT ASSY (Long)	1 UR	29	93606-12019	PIN, dowel	2
	(Ref.No. 2 to 59)			30	683-44362-01	TUBE, water	1
2	6E7-45311-03-EJ	CASING, lower	1	31	683-44365-01	DAMPER, water seal	1
3	93315-314V8	BEARING, cylindrical	1	32	683-44373-00	SET PLATE, water tube	1
4	6E7-45536-00	SLEEVE, drive shaft	1	33	97395-06010	BOLT	1
5	93341-214U1	BEARING	1	34	6E7-44366-00	DAMPER, water seal	1
6	6E7-45587-01-10	SHIM (T:0.10MM)	1 UR	35	6E7-45501-00	DRIVE SHAFT COMP. (Short)	1 UR
	6E7-45587-01-12	SHIM (T:0.12MM)	1 UR		6E7-45501-10	DRIVE SHAFT COMP. (Long)	1 UR
	6E7-45587-01-15	SHIM (T:0.15MM)	1 UR		6E7-45501-30	DRIVE SHAFT COMP. (Super Ultra Long)	1 UR
	6E7-45587-01-18	SHIM (T:0.18MM)	1 UR	36	6E7-45551-00	PINION	1
	6E7-45587-01-30	SHIM (T:0.30MM)	1 UR	37	90179-08M06	NUT	1
	6E7-45587-01-40	SHIM (T:0.40MM)	1 UR	38	6E7-45560-00	GEAR	1
	6E7-45587-01-50	SHIM (T:0.50MM)	1 UR	39	6E7-45571-00	GEAR	1
7	93332-00005	BEARING	1	40	626-45577-00-01	SHIM (0.1T)	1 UR
8	664-45567-01-10	SHIM (T:0.10MM)	1 UR		626-45577-00-03	SHIM (0.3T)	1 UR
	664-45567-01-12	SHIM (T:0.12MM)	1 UR		626-45577-00-05	SHIM (0.5T)	1 UR
	664-45567-01-15	SHIM (T:0.15MM)	1 UR	41	90201-17682	WASHER, plate	1
	664-45567-01-18	SHIM (T:0.18MM)	1 UR	42	683-45611-00	SHAFT, propeller	1
	664-45567-01-30	SHIM (T:0.30MM)	1 UR	43	650-45635-00	PLUNGER, shift	1
	664-45567-01-40	SHIM (T:0.40MM)	1 UR	44	682-45631-00	CLUTCH, dog	1
	664-45567-01-50	SHIM (T:0.50MM)	1 UR	45	90250-05010	PIN, straight	1
9	90340-08M04	PLUG, straight screw	3	46	648-45633-00	RING, cross pin	1
10	90430-08026	GASKET	3	47	90501-14M06	SPRING, compression	1
11	93604-08062	PIN, dowel	1	48	683-45361-01-EJ	CAP, lower casing	1
12	682-45376-01	GUIDE, seal damper	1	49	93306-00501	BEARING (B6005)	1
13	682-44300-01	HOUSING WATER PUMP ASSY	1	50	93315-317U2	BEARING, cylindrical	1
14	682-44312-00	COVER, water pump housing	1	51	93101-17054	OIL SEAL	2
15	97780-40112	SCREW, tapping	2	52	93210-57M09	O-RING	1
16	682-44365-00	DAMPER, water seal	1	53	93210-56M80	O-RING	1
17	682-44322-00	INSERT, cartridge	1	54	97395-06020	BOLT	2
18	682-44352-01	IMPELLER	1	55	92990-06600	WASHER, plate	2
19	90280-03024	KEY, woodruff	1	56	682-44150-00	SHIFT CAM ASSY (Short)	1 UR
20	682-44315-A0	GASKET, water pump	2		682-44150-10	SHIFT CAM ASSY (Long)	1 UR
21	682-44323-00	OUTER PLATE, cartridge	1		682-44150-30	SHIFT CAM ASSY (Super Ultra Long)	1 UR
22	97395-06040	BOLT	4	57	682-44147-00	BOOT, shift rod	1
23	92990-06600	WASHER, plate	4	58	682-44176-00	BRACKET	1
24	682-44328-00	PLATE	2	59	97780-50510	SCREW, tapping	1
25	6E7-45331-00-58	HOUSING, bearing	1				
26	626-45316-09	BUSHING, drive shaft	1				

Fig. 12 LOWER CASIGN. DRIVE 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	626-44365-01	DAMPER, water seal	1	13	90201-10M01	WASHER, plate	1
2	93606-12019	PIN, dowel	2	14	90171-10M01	NUT, castle	1
3	97090-08035	BOLT	4	15	91490-30020	PIN, cotter	1
4	92990-08600	WASHER, plate	4	16	683-45949-00-EL	PROPELLER (3X9-1/2"X6-1/2"-J)	1 UR
5	6E7-45214-00	COVER, water inlet	1		683-45947-00-EL	PROPELLER (3X9-1/4"X8"-J)	1 UR
6	98580-05012	SCREW, pan head	1		683-45945-00-EL	PROPELLER (3X9-1/4"X9"-J)	1 UR
7	6E8-45251-01	ANODE	1		683-45952-00-EL	PROPELLER (3X9-1/4"X9-3/4"-J)	1 UR
8	97395-06020	BOLT	1		683-45943-00-EL	PROPELLER (3X9-1/4"X10-1/2"-J)	1 UR
9	92990-06600	WASHER, plate	1		683-45941-00-EL	PROPELLER (3X9-1/4"X12"-J)	1 UR
10	682-45375-01	DAMPER, seal	1	17	683-W4591-02-EL	PROPELLER (3X9-3/4"X8"-J)	1 UR
11	682-44361-00	TUBE, water (Short)	1 UR		683-W4592-02-EL	PROPELLER (3X9-3/4"X6-1/2"-J)	1 UR
	682-44361-10	TUBE, water (Long)	1 UR	18	6E7-45986-00	.RING, deflector	1
	682-44361-30	TUBE, water (Super Ultra Long)	1 UR	19	90171-10M07	.NUT, castle	1
12	6E7-45987-01	SPACER	1	20	90201-10M02	.WASHER, plate	1



FWD

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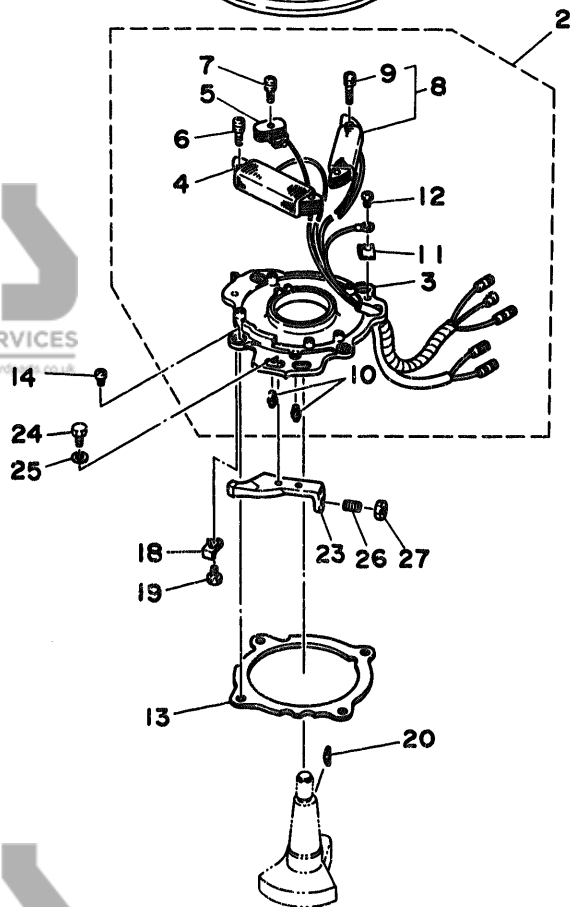
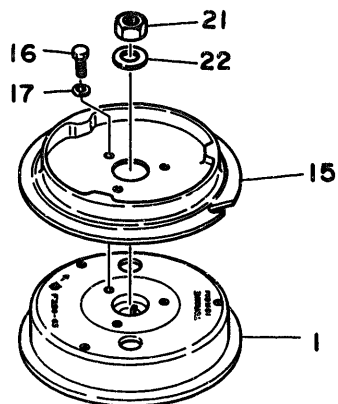


Fig. 13 GENERATOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E7-85550-70	ROTOR ASSY	1	15	6E7-15723-00-94	PULLEY, starter	1
2	6E7-85560-A0	BASE ASSY	1	16	97013-06012	BOLT	3
3	6E7-85509-70	BASE, magneto	1	17	92990-06600	WASHER, plate	3
4	6E7-85520-70	COIL, charge	1	18	682-41616-00	STOPPER, magneto base	1
5	6E7-85580-70	COIL, pulser	1	19	97390-05010	BOLT	1
6	90159-05039	SCREW, with washer	2	20	90280-05013	KEY, woodruff	1
7	90159-05038	SCREW, with washer	1	21	90170-12066	NUT	1
8	6E7-81303-A0	LIGHTING COIL ASSY	1	22	90201-12472	WASHER, plate	1
9	90159-05039	SCREW, with washer	2	23	6E8-41213-00-94	CAM, accel.	1
10	663-85518-00	JOINING, ball	2	24	97395-05010	BOLT	2
11	6E7-81328-70	CLAMP	1	25	92990-05600	WASHER, plate	2
12	98501-04006	SCREW, pan head	1	26	90113-05M00	BOLT, set	1
13	682-41613-02	PLATE, base friction	1	27	95380-05700	NUT	1
14	98580-05008	SCREW, pan head	5				

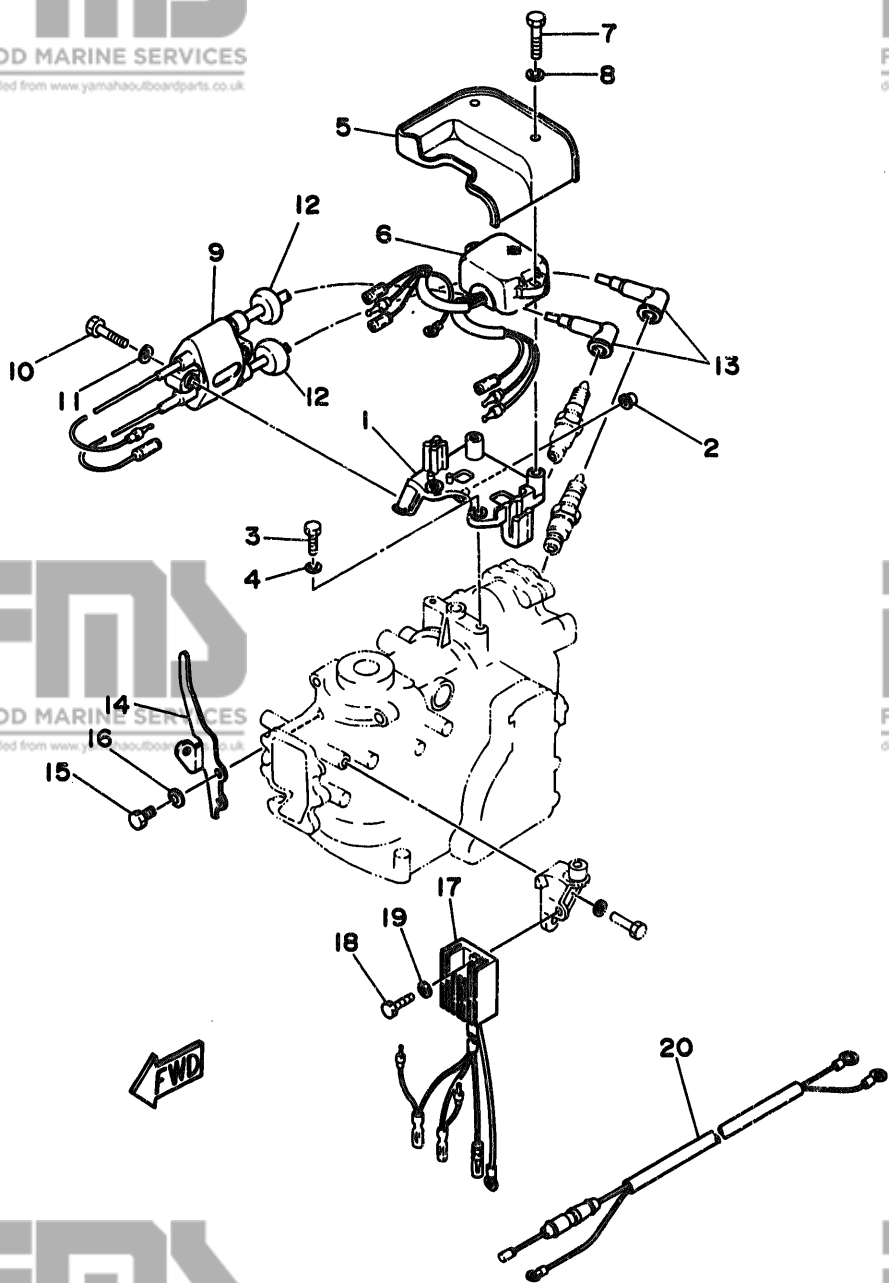


Fig. 14 ELECTRIC PARTS

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E7-85542-00-94	BRACKET	1	11	92990-06600	WASHER, plate	2
2	6E7-82317-00	DAMPER, ignition coil	2	12	90480-25161	GROMMET	2
3	97313-06020	BOLT	2	13	6E3-82370-20	PLUG CAP ASSY	2
4	92990-06600	WASHER, plate	2	14	682-81332-02	PLTE, timing	1
5	6E7-81916-00	COVER, terminal	1	15	97395-06016	BOLT	2
6	695-85540-11	C.D.I. UNIT ASSY	1	16	92990-06600	WASHER, plate	2
7	97395-06030	BOLT	2	17	6J8-81960-00	RECTIFIER & REGULATOR ASSY	1
8	92990-06200	WASHER, plain	2	18	97395-06016	BOLT	1
9	6E7-85570-19	IGNITION COIL ASSY	1	19	92990-06600	WASHER, plate	1
10	97313-06030	BOLT	2	20	6J8-82105-10	WIRE, harness	1 AP

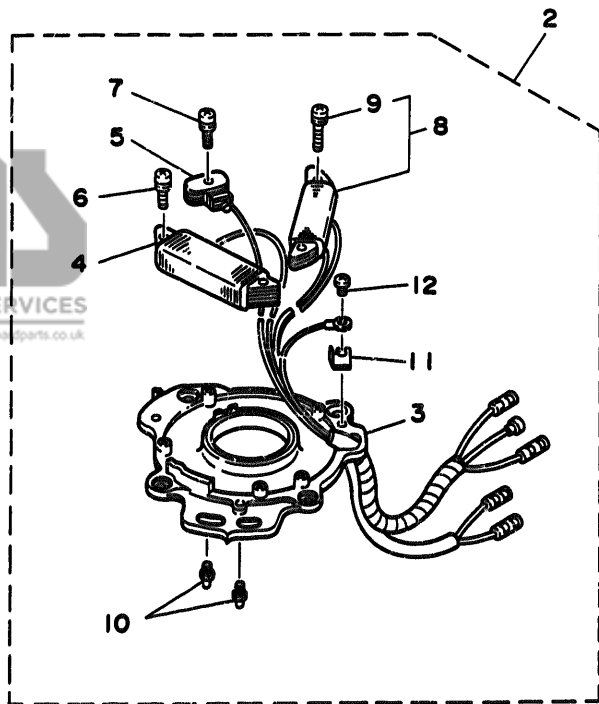
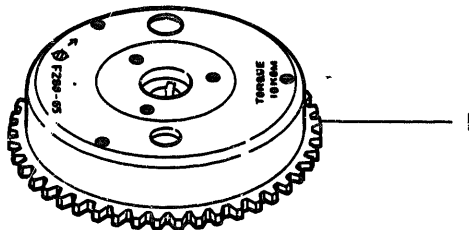


Fig. 15 ALTERNATE 1 (9.9DE/15DE MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E7-85550-A0	ROTOR ASSY	1	7	90159-05038	.SCREW, with washer	1
2	6E7-85560-A0	BASE ASSY	1	8	6E7-81303-A0	.LIGHTING COIL ASSY	1
3	6E7-85609-70	.BASE, magneto	1	9	90159-05039	.SCREW, with washer	2
4	6E7-85520-70	.COIL, charge	1	10	663-85518-00	.JOINT, ball	2
5	6E7-85580-70	.COIL, pulser	1	11	6E7-81328-70	.CLAMP	1
6	90159-05039	.SCREW, with washer	2	12	98501-04006	.SCREW, pan head	1

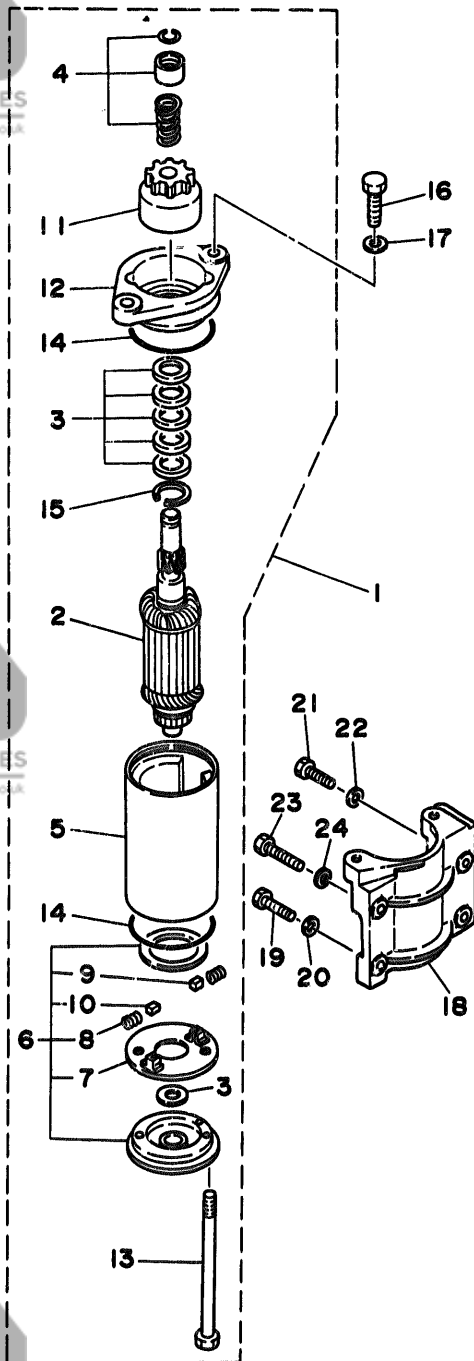
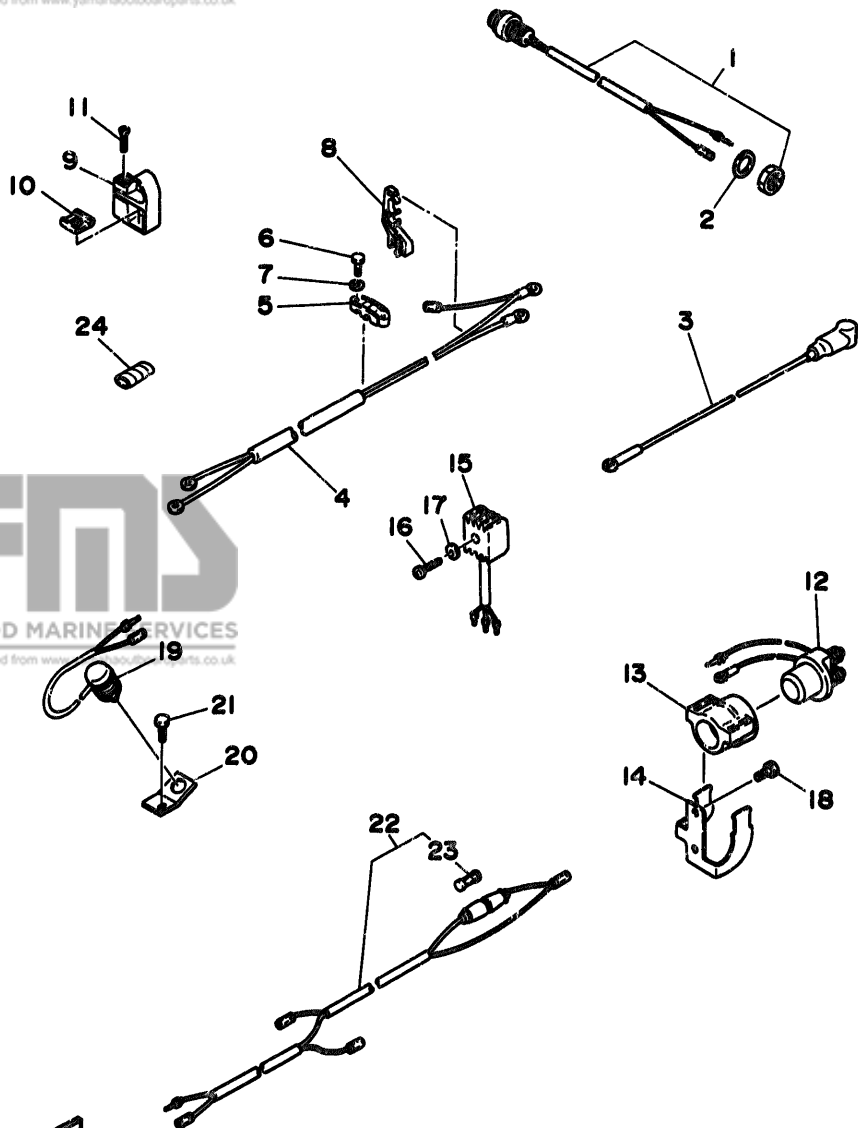


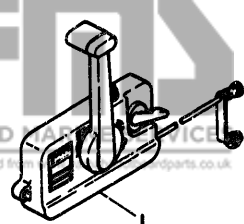
Fig. 16 ALTERNATE 2 (9.9DE/15DE MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	682-81800-11	STARTING MOTOR ASSY	1	13	682-81826-10	.BOLT	2
2	682-81850-10	ARMATURE ASSY	1	14	682-81847-10	.O-RING	2
3	682-81809-10	WASHER KIT	1	15	682-81834-10	.RING	1
4	682-81833-10	.RING, stop	1	16	97013-08025	BOLT	2
5	682-81810-11	.STATOR ASSY	1	17	92990-08600	WASHER, plate	2
6	682-81820-10	.REAR BRACKET ASSY	1	18	682-81822-43-94	BRACKET, starting motor	1
7	682-81840-10	.BRUSH HOLDER ASSY	1	19	97313-06020	BOLT	2
8	682-81813-10	.SPRING, brush	2	20	92990-06600	WASHER, plate	2
9	682-81811-10	.BRUSH 1	1	21	97313-06025	BOLT	1
10	682-81812-10	.BRUSH 2	1	22	92990-06600	WASHER, plate	1
11	682-81832-10	.CLUTCH, over run	1	23	97313-06030	BOLT	1
12	682-81830-10	.FRONT BRACKET ASSY	1	24	92990-06600	WASHER, plate	1

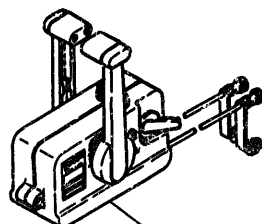
Fig. 17 ALTERNATE 3 (9.9DE/15DE MODEL)

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-81870-00	STARTING SWITCH ASSY	1	13	6G1-81952-00	HOLDER, relay	1
2	90201-16M36	WASHER, plate	1	14	6E7-81945-00	PLATE, switch fitting	1
3	6E7-82117-00	WIRE, lead	1	15	664-81970-61	RECTIFIER ASSY	1
4	6E7-82105-10	WIRE HARNESS	1	16	98503-05025	SCREW, pan head	1
5	90464-08M03	CLAMP	1	17	92990-05600	WASHER, plate	1
6	97313-06016	BOLT	2	18	97313-06014	BOLT	2
7	92990-06600	WASHER, plate	2	19	689-82540-01	NEUTRAL SWITCH ASSY	1
8	682-82594-01	CLAMP	1	20	682-82554-00	STAY, neutral switch	1
9	689-82594-00	CLAMP	1	21	97013-06012	BOLT	1
10	682-42525-00	PLATE, friction	1	22	6E7-82541-00	WIRE, lead	1
11	90161-06M00	SCREW, tapping	1	23	682-82151-00	FUSE (12V-20A)	1
12	6G1-81941-10	STARTER RELAY ASSY	1	24	90446-10M02	HOSE	1

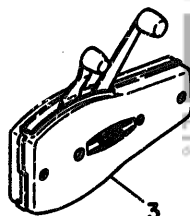




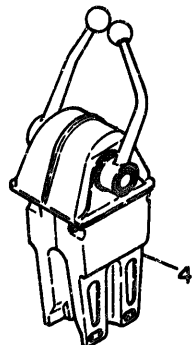
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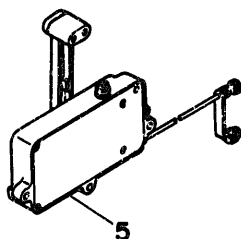
Twin



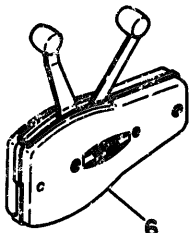
Double



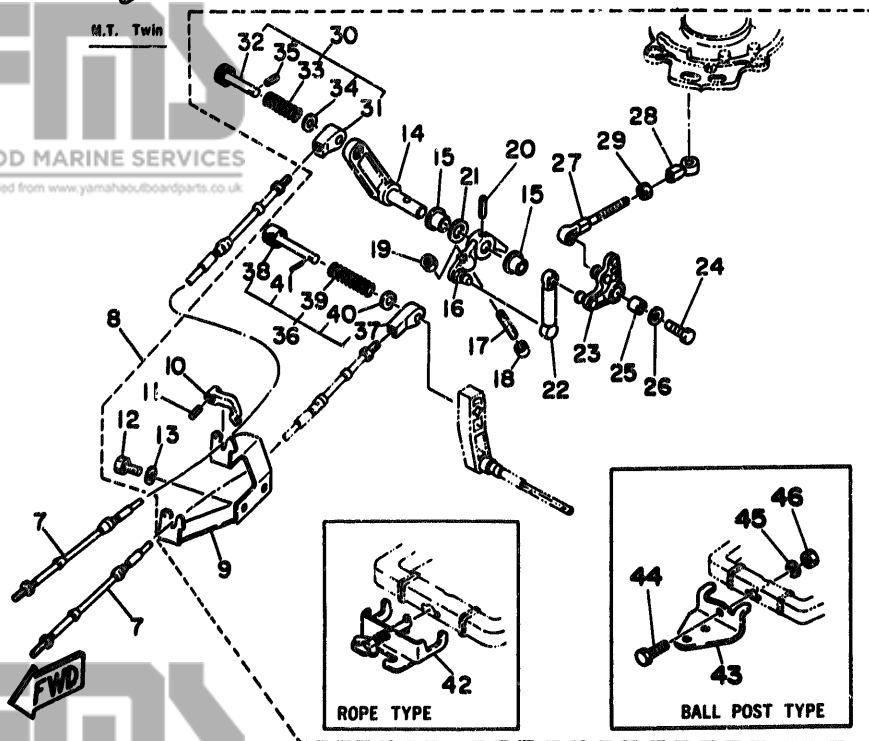
M.T. Twin



Single For Left Handle



Double For Left Handle



ROPE TYPE

BALL POST TYPE

Fig. 18 REMOTE CONTROL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
*1	701-48101-10	REMOTE CONTROL ASSY (Right)	1 UR	14	682-41631-50-94	.LEVER, magneto control	1
*2	701-48110-22	REMOTE CONTROL ASSY (Twin)	1 UR	15	90386-10009	.BUSH	2
3	701-48110-31	REMOTE CONTROL ASSY	1 UR	16	682-41632-50-94	.LEVER, magneto control	1
4	701-48110-80	REMOTE CONTROL ASSY	1 UR	17	90113-06M01	.BOLT, set	1
*5	701-48102-10	REMOTE CONTROL ASSY (Left)	1 UR	18	663-44194-00	.CAP	1
6	701-48120-31	REMOTE CONTROL ASSY	1 UR	19	95380-06700	.NUT	1
7	701-48310-10	CABLE, remote control (L:6f)	2 UR	20	91690-40013	.PIN, spring	1
	701-48310-20	CABLE, remote control (L:7f)	2 UR	21	90202-10024	.WASHER, plate	1
	701-48310-40	CABLE, remote control (L:8f)	2 UR	22	682-41238-51	.JOINT, LINK	1
	701-48310-60	CABLE, remote control (L:9f)	2 UR	23	682-41633-00-94	.LEVER, magneto control	1
	701-48310-80	CABLE, remote control (L:10f)	2 UR	24	97313-06020	.BOLT	1
	701-48310-90	CABLE, remote control (L:11f)	2 UR	25	90387-06M02	.COLLAR	1
	701-48320-00	CABLE, remote control (L:12f)	2 UR	26	90387-06298	.COLLAR	1
	701-48320-20	CABLE, remote control (L:13f)	2 UR	27	682-41237-50	.JOINT, link	1
	701-48320-30	CABLE, remote control (L:14f)	2 UR	28	682-41237-00	.JOINT, link	1
	701-48320-50	CABLE, remote control (L:15f)	2 UR	29	95380-05700	.NUT	1
	701-48320-60	CABLE, remote control (L:16f)	2 UR	30	682-48340-50	.CABLE END ASSY	1
	701-48320-80	CABLE, remote control (L:17f)	2 UR	31	682-48344-50	.CABLE END, remote control	1
	701-48320-90	CABLE, remote control (L:18f)	2 UR	32	617-48361-91	.HOOK, cable	1
	701-48320-40	CABLE, remote control (L:19f)	2 UR	33	90501-10264	.SPRING, compression	1
	701-48320-70	CABLE, remote control (L:20f)	2 UR	34	92990-08600	.WASHER, plate	1
	701-48350-00	CABLE, remote control (L:21f)	2 UR	35	91690-30012	.PIN, spring	1
	701-48350-10	CABLE, remote control (L:22f)	2 UR	36	692-48330-50	.CABLE END ASSY	1
	701-48350-20	CABLE, remote control (L:23f)	2 UR	37	682-48346-50	.CABLE END, remote control	1
8	682-48501-01	REMOTE CONT. ATTACHMENT ASSY (Rope Type) (Ref.No. 9 to 12)	1 UR	38	617-48331-91	.HOOK, cable	1
	682-48501-11	REMOTE CONT. ATTACHMENT ASSY (Ball Post Type) (Ref.No. 9 to 41, 43 to 46)	1 UR	39	90501-10071	.SPRING, compression	1
9	682-48531-51	BRACKET, remote control 1	1	40	92990-08600	.WASHER, plate	1
10	682-48538-50	.CLAMP, cable 1	2	41	91690-30012	.PIN, spring	1
11	91690-30012	.PIN, spring	2	42	700-48510-12	.STEERING HOOK ASSY (Rope Type)	1
12	97395-06016	.BOLT	2	43	676-48511-10	.HOOK, steering (Ball Post Type)	1
13	92990-06600	.WASHER, plate	2	44	97395-10040	.BOLT	1
				45	92990-10600	.WASHER, plate	1
				46	90185-10051	.NUT, self-locking	1

*See Fig. 19 for detail service parts.

Fig. 19 REMOTE CONTROL ASSY 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	701-48101-10	REMOTE CONTROL ASSY (Right)	1 UR	24	701-48246-00	.SPACER	2
	701-48102-10	REMOTE CONTROL ASSY (Left)	1 UR	25	92990-06300	.WASHER, internal tooth	1
	701-48110-22	REMOTE CONTROL ASSY (Twin)	1 UR	26	701-48229-00	.GRIP, control lever	1
2	701-48235-00	.BUSHING	1	27	701-48222-00	.GRIP, control lever	1
3	701-48197-10	.WASHER, wave	1	28	701-48282-00	.SCREW	2
4	701-48252-00	.ROLLER, cam	1	29	701-48239-00	.SET PIN, plate	1
5	701-48234-00	.BUSHING 1	1	30	701-48266-00	.SPACER	1
6	701-48221-00	.LEVER, control	1	31	701-48232-00	.GEAR	1
7	701-48196-11	.WASHER, wave	1	32	701-48189-11	.RETAINER	1
8	701-48236-00	.ROLLER, detent	1	33	98580-05010	.SCREW, pan head	2
9	702-48237-00	.ADAPTOR	1	34	701-48153-12	.SHAFT, free accel.	1
10	702-48238-00	.SPRING, detent	1	35	701-48271-00	.ARM, shift (Right)	1 UR
11	701-48249-00	.ADAPTOR, spring	1		701-48271-10	.ARM, shift (Left) (Twin)	1 UR
12	701-48248-00	.ROLLER, free accel.	1	36	93430-06024	.CIRCLIP	3
13	701-48152-11	.KNOB, free accel. (Right)	1 UR	37	703-48345-01	.CABLE END, remote control 2	2
	701-48152-20	.KNOB, free accel. (Left) (Twin)	1 UR	38	701-48261-00	.ARM, throttle (Right)	1 UR
14	701-48243-00	.BUSHING	1		701-48261-10	.ARM, throttle (Left) (Twin)	1 UR
15	701-48198-10	.WASHER, wave	1	39	701-48358-00	.ANCHOR, cable	1
16	701-48281-10	.SCREW (For Single)	3	40	701-82550-50	.ENGINE STOP SWITCH ASSY	1
17	701-48289-00	.SCREW	4	41	701-48126-00	.GRAPHIC	1
18	701-48268-00	.SPACER	1	42	701-48283-00	.SCREW	1
19	701-48213-00	.PLATE	1	43	701-82594-00	.CLAMP	1
20	92780-06025	.SCREW, flat head	2	44	701-48291-00	.ATTACHMENT (For Twin)	1
21	701-48255-00	.COLLAR	1	45	701-48287-00	.WASHER (For Single)	3
22	97395-06018	.BOLT	2	46	95380-06600	.NUT (For Single)	3
23	702-48288-00	.WASHER, plain	1	47	701-48280-00	NEUTRAL LOCK KIT	1 AP

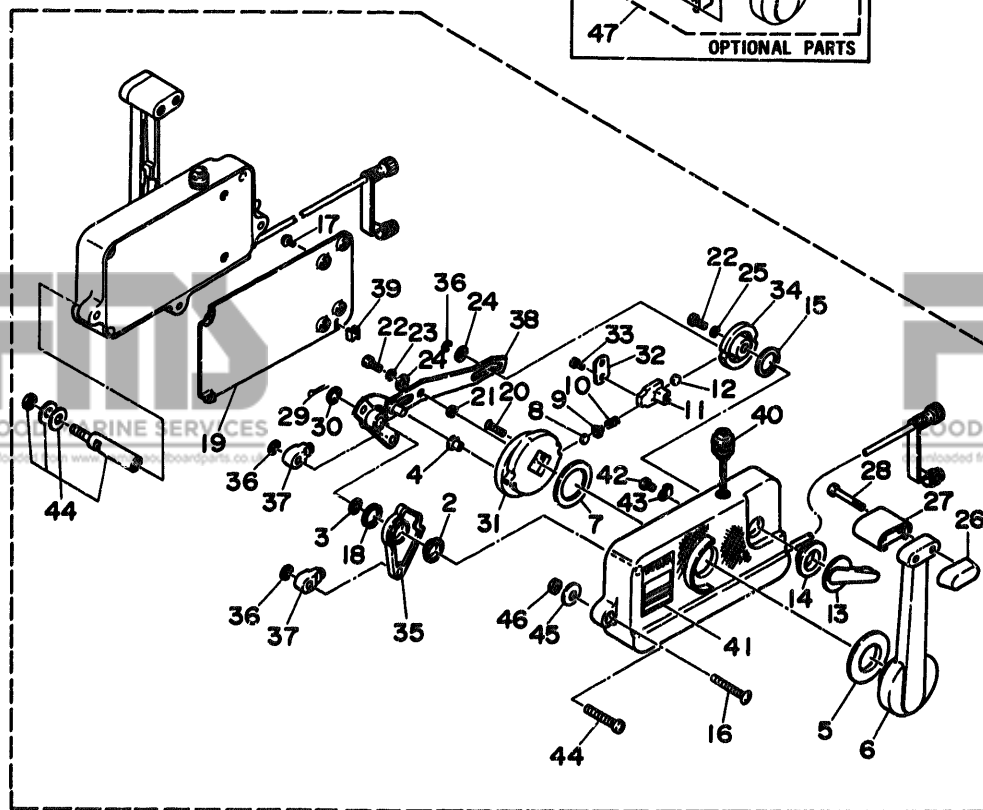
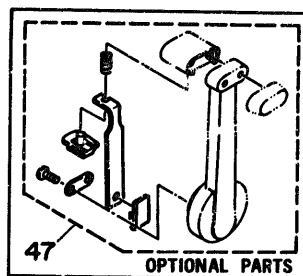


Fig. 20 OPTIONAL PARTS 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-82575-12	ENGINE STOP SWITCH ASSY	1	5	689-82553-10	EXTENSION, wire lead	1
2	682-82556-00	.STOPPER	1	6	689-84340-00	SOCKET CORD ASSY	1
3	689-82553-20	EXTENSION, wire lead	1	7	663-81917-10	VOLTAGE REGULATOR ASSY	1
4	6A0-82550-01	ENGINE STOP SWITCH ASSY	1				

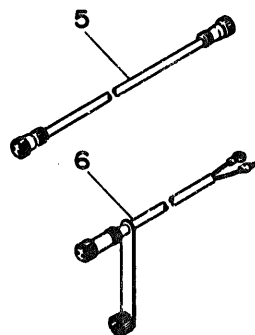
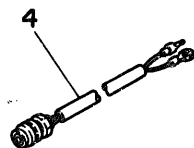
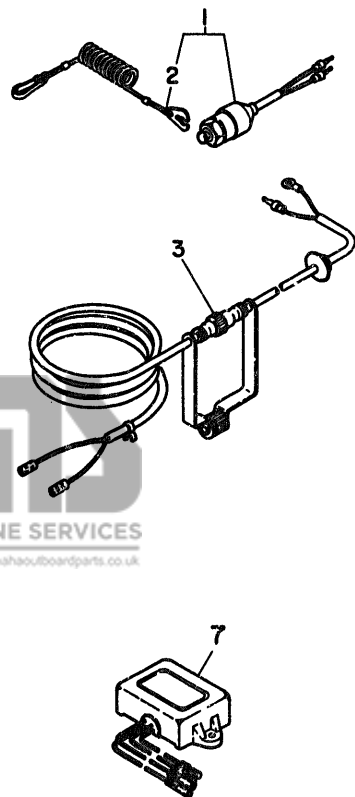
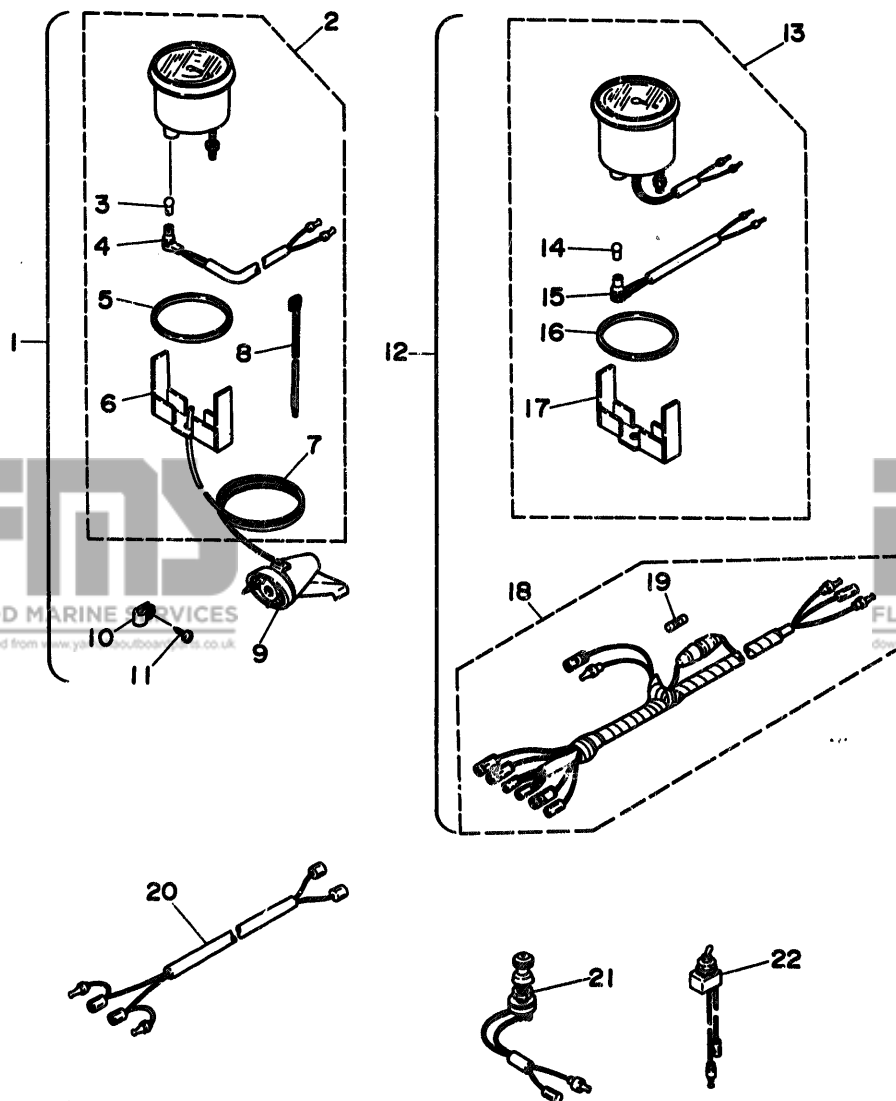


Fig. 21 OPTIONAL PARTS 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6Y5-W0081-40	SPEEDOMETER KIT	1	12	6Y5-W0080-11	TACHOMETER KIT	1
2	6Y5-83510-30	.SPEEDOMETER ASSY	1	13	6Y5-83540-12	.TACHOMETER ASSY	1
3	688-83516-00	..BULB	1	14	688-83516-00	..BULB	1
4	6Y5-83536-10	..SOCKET, meter	1	15	6Y5-83536-10	..SOCKET, meter	1
5	6Y5-83523-00	..DAMPER	1	16	6Y5-83523-00	..DAMPER	1
6	6Y5-83514-00	..PLATE, fitting	1	17	6Y5-83514-00	..PLATE, fitting	1
7	688-83557-00	..TUBE	1	18	6Y5-83553-00	..WIRE, lead	1
8	90465-11M10	..CLAMP	2	19	1E6-82151-00	..FUSE (10A)	1
9	688-83556-01	..SENDER	1	20	6Y5-83553-10	WIRE, lead	1
10	90601-31402	..NYLON CLIP 1	5	21	688-82520-00	LIGHT SWITCH ASSY	1 UR
11	97780-40116	..SCREW, tapping	5	22	688-82526-00	SWITCH, lamp	1 UR



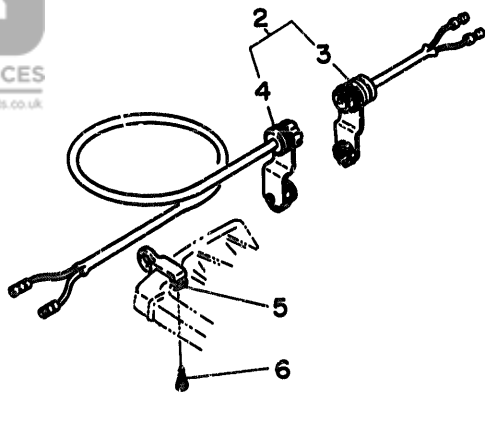
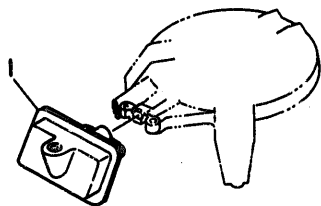


Fig. 22 OPTIONAL PARTS 3

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E7-15758-80-EJ	GUIDE, rope	1	4	682-84382-00	.2P CONCENT	1
2	682-84380-00	CONCENT 2P	1	5	682-84387-00	HOLDER	1
3	682-84381-00	.2P CONCENT	1	6	97780-50512	SCREW, tapping	1

Fig. 23 REPAIR KIT 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6E7-W0001-01	POWER HEAD GASKET KIT (9.9D Model)	1 UR	14	677-14198-00	.GASKET (9.9D Model)	1
	682-W0001-05	POWER HEAD GASKET KIT (15D Model)	1 UR	15	682-44367-00	.DAMPER, water seal	2
2	6E7-11181-A0	.GASKET, cylinder head 1	1	16	682-44366-00	.DAMPER, water seal	1
3	682-12414-A1	.GASKET, cover	1	17	1J2-14398-00	.GASKET	1
4	682-41112-A1	.GASKET, exhaust outer cover	2	18	655-14398-00	.GASKET	1
5	93110-23M00	.OIL SEAL	1	19	6E7-W0093-03	CARBURETOR REPAIR KIT	1
6	93210-53679	.O-RING	1	20	677-14198-A0	.GASKET (9.9D Model)	1
7	93101-20M34	.OIL SEAL	1	21	6E8-14390-12	.NEEDLE VALVE ASSY	1
8	93101-13M11	.OIL SEAL	2	22	367-14195-00	.GASKET	1
9	682-11351-A0	.GASKET, cylinder	1	23	6E7-14385-00	.FLOAT	1
10	682-45113-02	.GASKET, upper casing	1	24	647-14386-10	.PIN, float	1
11	93210-37M25	.O-RING	1	25	677-14384-01	.GASKET, float chamber	1
12	677-14384-01	.GASKET, float chamber	1	26	1J2-14398-00	.GASKET	1
13	682-13621-00	.GASKET, valve seat (9.9D Model)	1	27	655-14398-00	.GASKET	1
				28	647-14323-00	.SCREW, throttle	1
				29	6E7-14227-00	.GASKET	1

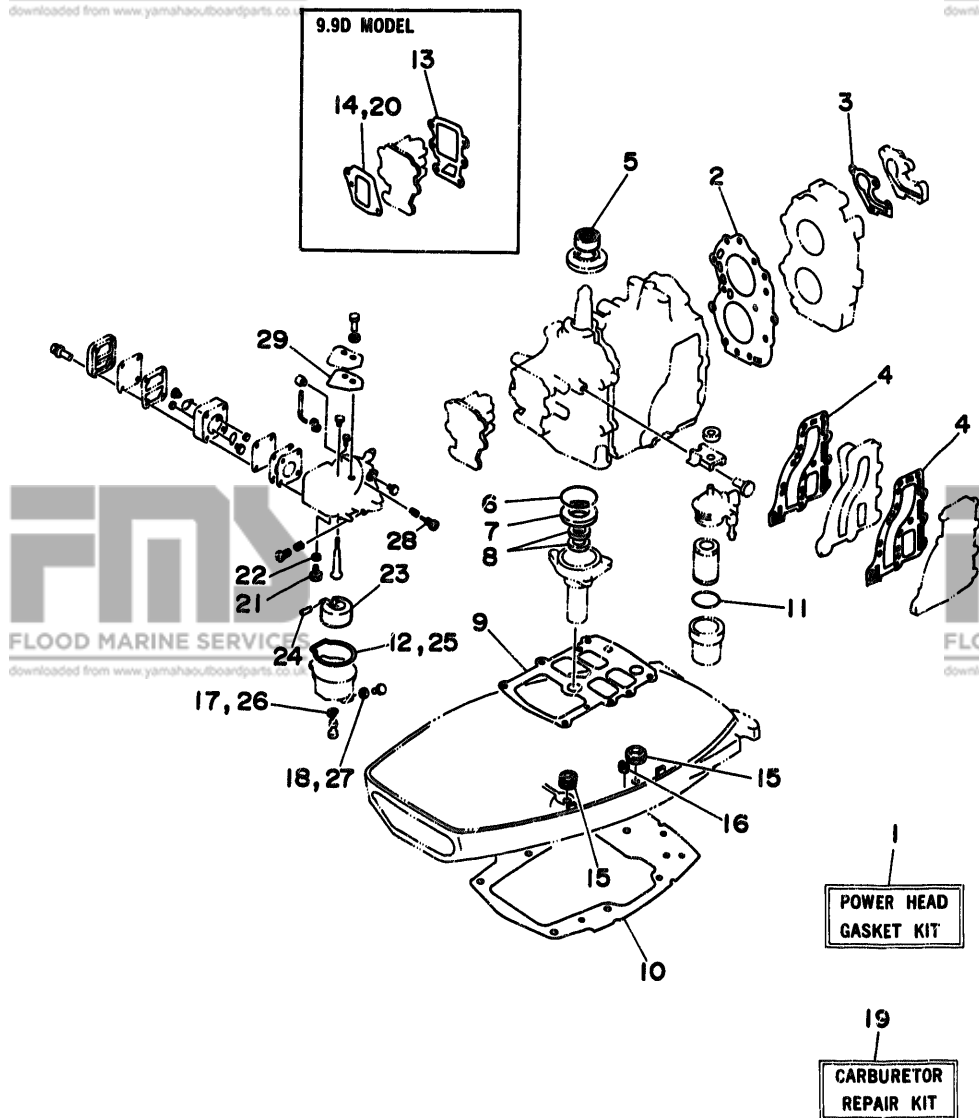
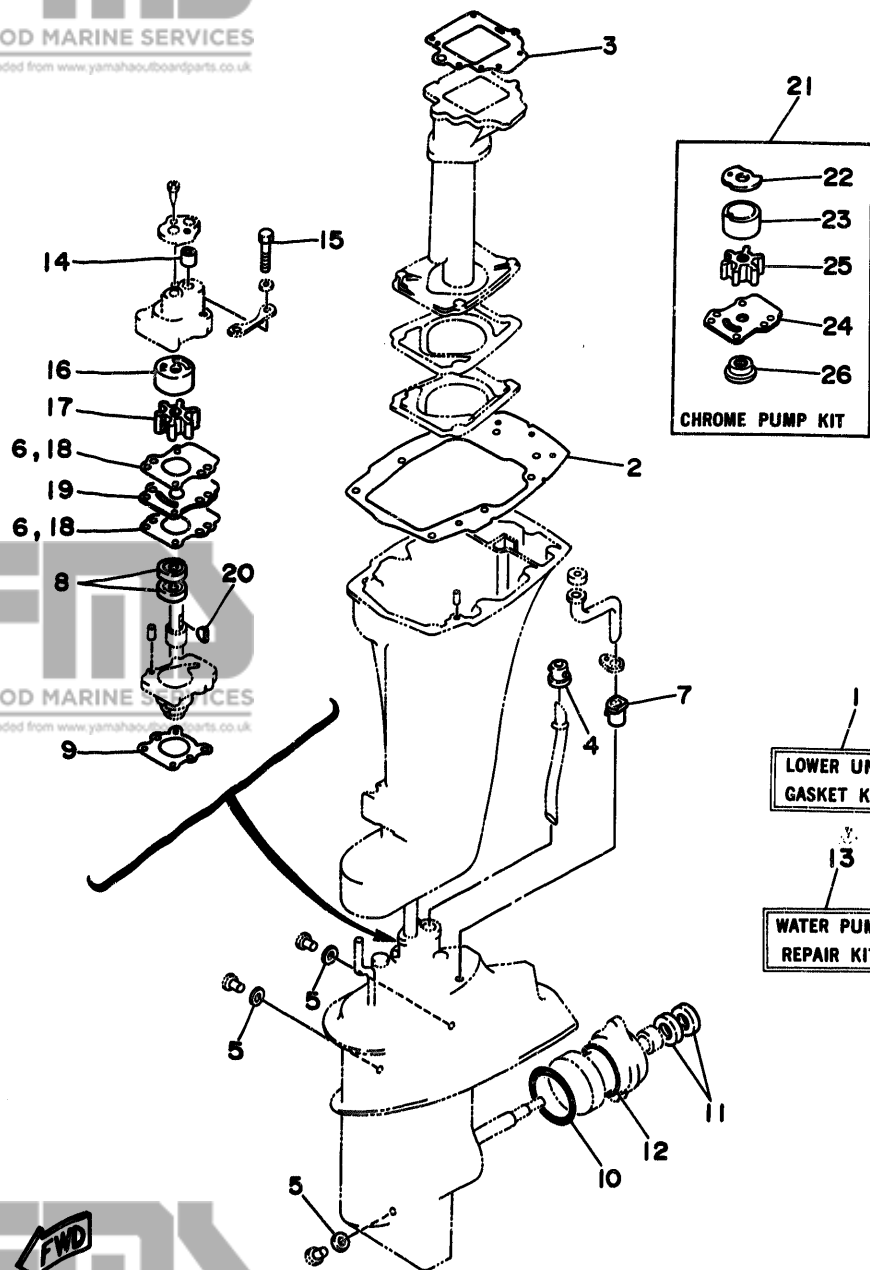


Fig. 24 REPAIR KIT 2

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	683-W0001-22	LOWER UNIT GASKET KIT	1	14	682-44365-00	.DAMPER, water seal	1
2	682-45113-A1	.GASKET, upper casing	1	15	97395-06040	.BOLT	4
3	682-41133-A0	.GASKET, exhaust manifold 1	1	16	682-44322-00	.INSERT, cartridge	1
4	626-44355-01	.DAMPER, water seal	1	17	682-44352-01	.IMPELLER	1
5	90430-08020	.GASKET	3	18	682-44315-A0	.GASKET, water pump	2
6	682-44315-A0	.GASKET, water pump	2	19	682-44323-00	.OUTER PLATE, cartridge	1
7	6E7-44366-00	.DAMPER, water seal	1	20	90280-03024	.KEY, woodruff	1
8	93101-20048	.OIL SEAL	2	21	682-W0078-0A	CHROME PUMP KIT	1
9	683-45315-A0	.PACKING, lower casing	1	22	682-44321-40	.INNER PLATE, cartridge	1
10	93210-57M09	.O-RING	1	23	682-44322-40	.INSERT, cartridge	1
11	93101-17054	.OIL SEAL	2	24	682-44323-40	.OUTER PLATE, cartridge	1
12	93210-56M80	.O-RING	1	25	682-44352-01	.IMPELLER	1
13	682-W0078-01	WATER PUMP REPAIR KIT	1	26	682-45344-00	.COVER, oil seal	1



NUMERICAL INDEX

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6E7-W0001-01	23- 1
682-W0001-05	23- 1
683-W0001-22	24- 1
6E7-W0004-70	3- 2
682-W0004-00	3- 2
6E7-W0070-23	6-10
682-W0078-0A	24-21
682-W0078-01	24-13
6Y5-W0080-11	21-12
6Y5-W0081-40	21- 1
6E7-W0090-03-EJ	1- 1
6E7-W0093-03	23-19
6Y1-W2420-62-24	5- 1
656-W2810-01	5-33
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683-W4592-02-EL	12-17
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682-11325-00	23- 2
682-11351-A0	1- 9
650-11370-00	1-14
676-11372-00	23- 9
624-11379-00	1- 3
682-11400-02	1-18
682-11412-01	1- 5
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682-11442-01	2- 4
682-11445-00	2- 3
682-11515-02	2- 5
682-11525-00	2-18
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682-11610-11	2-15
682-11610-21	2-20
6E7-11631-00-97	2-20
634-11633-00	2-19
6E7-11635-00	2-21
6E7-11636-00	2-19
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682-11681-00	2- 6
6F5-12411-02	2- 7
682-12413-00-9M	1-26
682-12414-A1	1-25
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6E7-14157-00	3-35
367-14195-00	3-15
677-14198-A0	23-22
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646-14212-01	23-20
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6E7-14301-74	3-26
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6E7-15723-00-94	13-15
677-15741-01	4-13
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656-15748-00	4-32
689-15755-01	4-16
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677-24435-02	3-44
677-24444-00	3-47
677-24471-01	3-45
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682-41133-A0	10-10
682-41210-00	10-11
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682-41237-00	3-33
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682-41252-01	18-27
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682-42525-00	17-10
648-42528-00	8-27
682-42537-00	8-60
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