

2B

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Fig. 1 CYLINDER. CRANKCASE

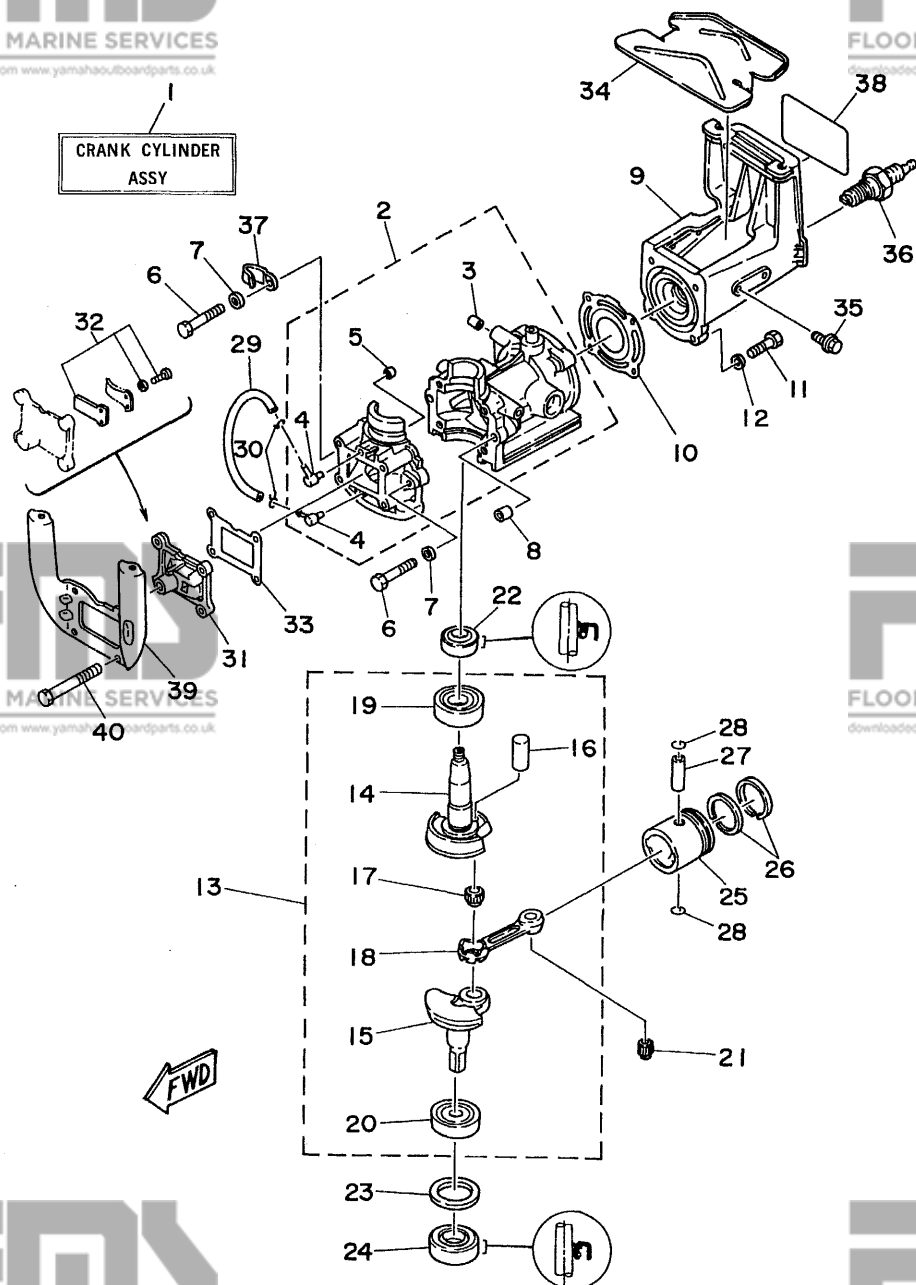


Fig. 1 CYLINDER. CRANKCASE

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A1-W0090-12	CRANK CYLINDER ASSY (Ref. No. 2 to 35)	1	23	90201-35300	WASHER, plate	1
2	6A1-15100-60-94	CRANKCASE ASSY	1	24	93102-15M32	OIL SEAL	1
3	90336-06001	.PLUG, taper	1	25	646-11631-01-98	PISTON (STD)	1
4	650-14485-02	.PIPE, joint	2		646-11635-01	PISTON (0.25MM O/S)	1 AP
5	624-11379-00	.VALVE, check	1		646-11636-01	PISTON (0.50MM O/S)	1 AP
6	97313-06040	BOLT	2	26	646-11601-01	PISTON RING SET (STD)	1
7	92990-06600	WASHER, plate	2		646-11601-11	PISTON RING SET (1ST O/S)	1 AP
8	99530-10014	PIN, dowel	2		646-11601-21	PISTON RING SET (2ND O/S)	1 AP
9	6A1-11111-01-94	HEAD, cylinder 1	1	27	646-11633-00	PIN, piston	1
10	646-11181-01	GASKET, cylinder head 1	1	28	93450-11021	CIRCLIP	2
11	97395-06025	BOLT	4	29	90445-07M51	HOSE	1
12	92990-06600	WASHER, plate	4	30	90467-06016	CLIP	2
13	6A1-11400-00	CRANKSHAFT ASSY	1	31	6A1-13610-00	REED VALVE ASSY	1
14	646-11412-01	.CRANK 1	1	32	6A1-W0004-00	.REED SET	1
15	6A1-11422-00	.CRANK 2	1	33	6A1-13621-00	GASKET, valve seat	1
16	646-11681-00	.PIN, crank 1	1	34	6A1-24141-00	PROTECTOR, fuel tank	1
17	93310-31439	.BEARING, cylindrical	1	35	90105-06M23	BOLT, washer based	2
18	646-11651-02	.ROD, connecting	1	36	94702-00249	PLUG, spark (NGK BR5HS)	1
19	93306-00409	.BEARING	1	37	90465-08028	CLAMP	1
20	93306-30204	.BEARING	1	38	6A1-42678-11	GRAPHIC, rear	1
21	93310-210V1	BEARING, cylindrical	1	39	6A1-15771-00	STAY 1	1
22	93102-20070	OIL SEAL	1	40	97313-06060	BOLT	4

Fig. 2 CARBURETOR

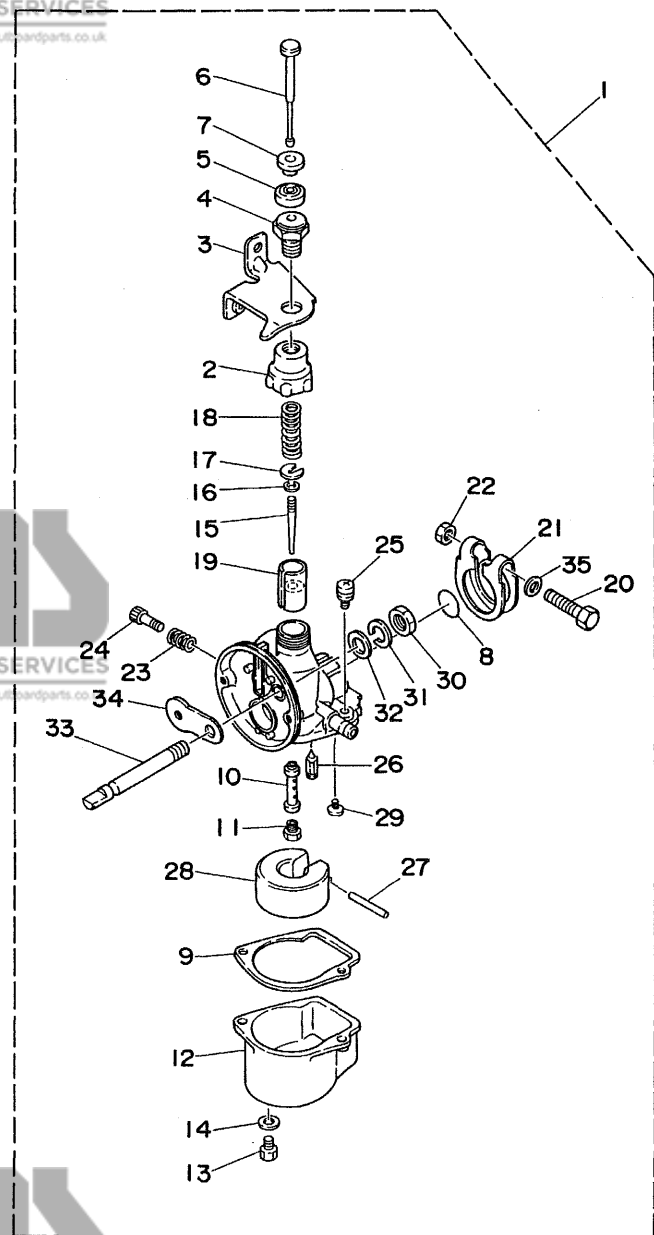


Fig. 2 CARBURETOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A1-14301-02	CARBURETOR ASSY 1	1	19	646-14312-08	.VALVE, throttle 1	1
2	646-14158-00	.TOP, mixing chamber	1	20	646-14125-01	.SCREW	1
3	6A1-14497-00	.STAY, throttle wire	1	21	6A1-14127-01	.CLIP	1
4	646-14321-00	.SCREW, throttle	1	22	6A1-14358-01	.NUT	1
5	646-14169-00	.CAP	1	23	6A1-14212-00	.SPRING, pilot adjusting	1
6	6A1-14314-00	.BAR, throttle	1	24	646-14211-02	.SCREW, pilot adjusting	1
7	6A1-14163-00	.SPACER	1	25	98580-04010	.SCREW, pan head	2
8	646-14229-01	.O-RING	1	26	6A1-14392-00	.VALVE, needle	1
9	6A1-14384-00	.GASKET, float chamber	1	27	6A1-14386-00	.PIN, float	1
10	6A1-14341-01	.NOZZLE, main	1	28	6A1-14385-00	.FLOAT	1
11	6A1-14343-48	.JET, main (# 96)	1	29	98580-03005	.SCREW, pan head	1
12	6A1-14381-01	.BODY, float chamber	1	30	646-14358-00	.NUT	1
13	677-14383-01	.SCREW, drain	1	31	6A1-14356-00	.WASHER, spring	1
14	6A1-14398-00	.GASKET	1	32	646-14357-00	.WASHER, plate	1
15	6A1-14116-10	.NEEDLE	1	33	6A1-14448-00	.LEVER, choke valve	1
16	646-14137-00	.CLIP	1	34	6A1-14217-01	.VALVE, choke	1
17	646-14136-00	.SEAT, spring	1	35	92990-05600	.WASHER, plate	1
18	646-14331-01	.SPRING, throttle valve	1				

FWD

Fig. 3 STARTER

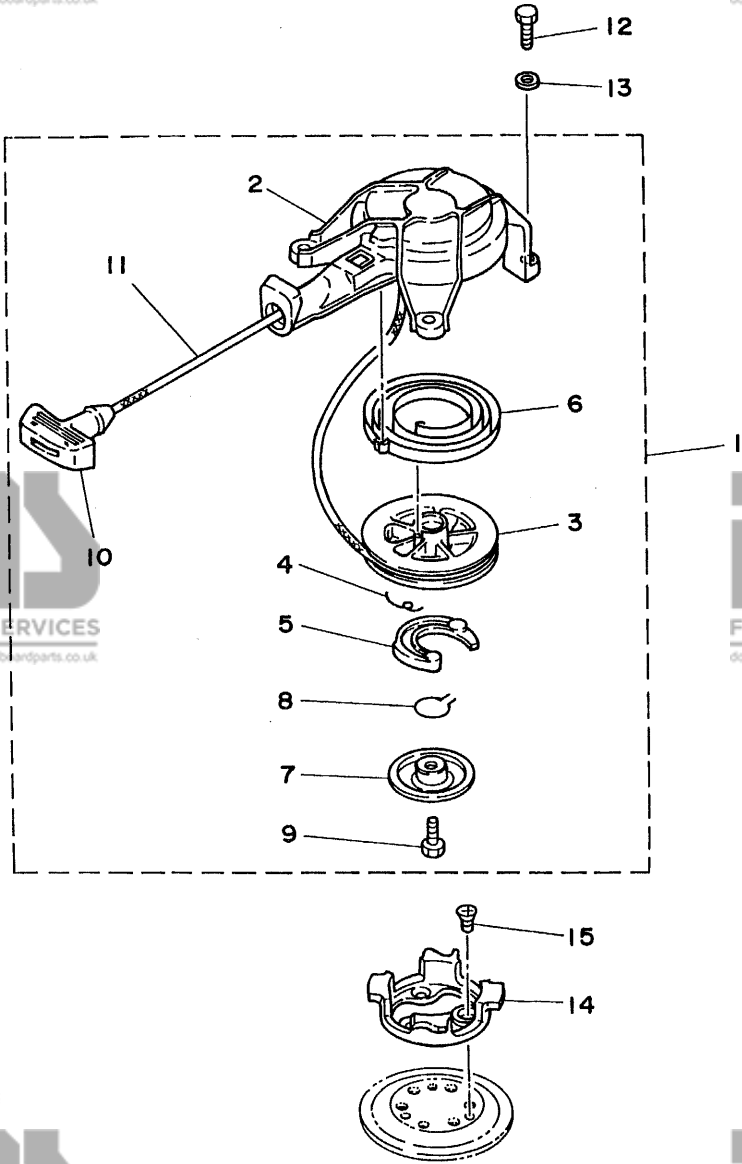


Fig. 3 STARTER

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A1-15710-00	STARTER ASSY	1	9	97013-06012	.BOLT	1
2	6A1-15711-00	.CASE, starter	1	10	6A1-15755-01	.HANDLE, starter	1
3	6A1-15714-00	.DRUM, sheave	1	11	*	.WIRE (L1300)	1
4	6A1-15767-00	.SPRING	1	12	97395-06016	BOLT	3
5	6A1-15741-00	.PAWL, drive	1	13	92990-06600	WASHER, plate	3
6	6A1-15713-00	.SPRING, starter	1	14	6A1-15723-00-94	PULLEY, starter	1
7	7G5-15716-00	.PLATE, drive	1	15	92780-06014	SCREW, flat head	3
8	6A1-15705-00	.SPRING, drive pawl	1				

* Cut from 50m rolls, parts No. 90890-44372, cutting length 1.3m.

Fig. 4 COWLING. FUEL

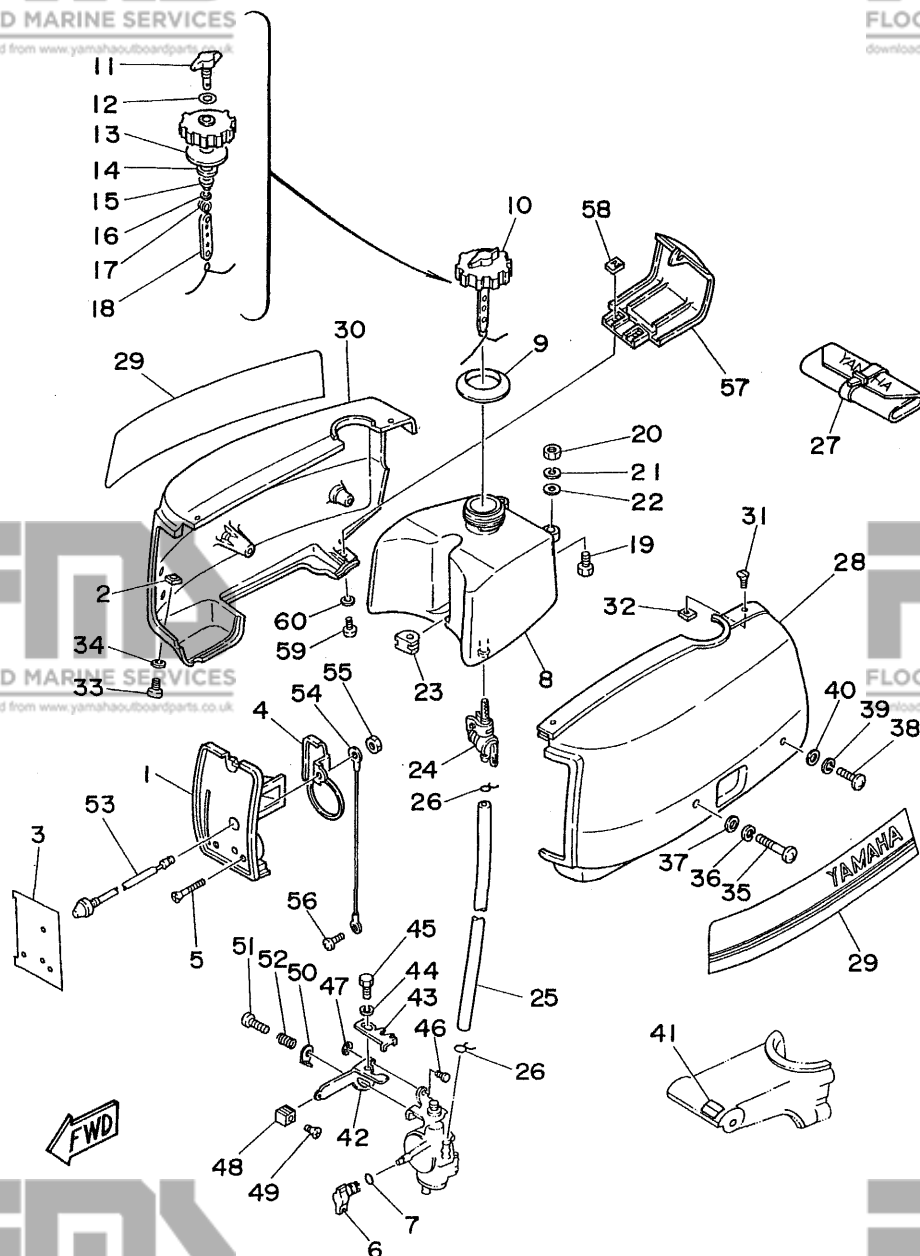


Fig. 4 COWLING. FUEL

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A1-14441-02	SILENCER, intake 2	1	31	98780-05012	SCREW, flat head	2
2	90173-05M00	NUT, square	2	32	90183-05M00	NUT, spring	2
3	6A1-42677-01	GRAPHIC, front	1	33	98580-05012	SCREW, pan head	2
4	6A1-14442-00	SPACER	1	34	92990-05600	WASHER, plate	2
5	98680-04535	SCREW, oval head	2	35	92580-06040	SCREW, pan head	2
6	6A1-41271-00	KNOB, choke	1	36	92990-06100	WASHER, spring	2
7	93210-08M29	O-RING	1	37	92990-06600	WASHER, plate	2
8	6A1-24110-01	FUEL TANK COMP.	1	38	92580-06025	SCREW, pan head	2
9	6A1-24198-00	SEAT, rubber	1	39	92990-06100	WASHER, spring	2
10	6A1-24610-01	CAP ASSY	1	40	92990-06600	WASHER, plate	2
11	6A1-24631-00	.SCREW, air	1	41	6A1-42792-01	MARK	1
12	90430-04005	.GASKET	1	42	6A1-41212-01	ARM, accel.	1
13	90430-14117	.GASKET	1	43	6A1-41211-00	LINK, accel.	1
14	646-24615-01	.GASKET, plate 1	1	44	92990-05100	WASHER, spring	1
15	90501-10374	.SPRING, compression	1	45	97313-05010	BOLT	1
16	92990-04200	.WASHER, plain	1	46	6A1-14365-00	PIN, clevis	1
17	90501-10260	.SPRING, compression	1	47	99001-04600	CIRCLIP	1
18	646-24241-00	.INDICATOR 1	1	48	6A1-41637-00	KNOB, magneto control	1
19	97395-06018	BOLT	2	49	97780-30710	SCREW, tapping	1
20	95380-06600	NUT	2	50	6A1-41223-00	WASHER, lock 1	1
21	92995-06100	WASHER, spring	2	51	97895-05025	SCREW, pan head	1
22	90201-06M30	WASHER, plate	2	52	90501-12M16	SPRING, compression	1
23	6A1-24181-00	DAMPER, locating 1	1	53	6A1-82550-02	ENGINE STOP SWITCH ASSY	1
24	6A1-24500-02	FUEL COCK ASSY 1	1	54	6A1-82541-00	WIRE, lead	1
25	6A1-24311-00	PIPE, fuel 1	1	55	95380-08700	NUT	1
26	90467-08004	CLIP	2	56	98580-05010	SCREW, pan head	1
27	656-W2810-01	TOOL KIT	1	57	6A1-82375-20	COVER, plug cap	1
28	6A1-42741-20	APRON	1	58	90183-05M00	NUT, spring	2
29	6A1-W0070-22	GRAPHIC SET	1	59	98580-05010	SCREW, pan head	2
30	6A1-42771-20	APRON	1	60	92990-05600	WASHER, plate	2

Fig. 5 BRACKET 1

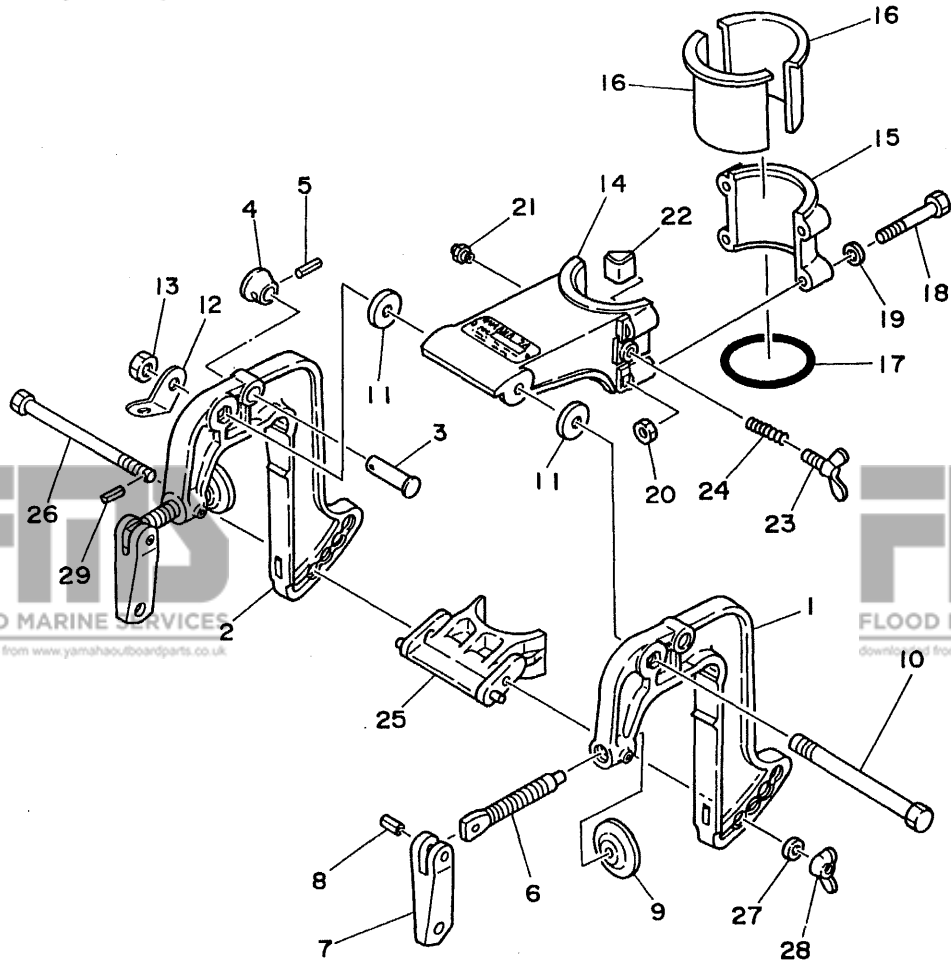


Fig. 5 BRACKET 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A1-43111-03-EJ	BRACKET, clamp	1	16	646-42537-01	BUSHING, pivot shaft	2
2	6A1-43112-00-EJ	BRACKET, clamp	1	17	93210-46044	O-RING	1
3	6A1-43191-00	SHAFT, stopper	1	18	97395-06045	BOLT	4
4	6A1-43192-00	KNOB, stopper	1	19	92990-06600	WASHER, plate	4
5	91690-30014	PIN, spring	1	20	95380-06600	NUT	4
6	6E0-43116-00	SCREW, transom clamp	2	21	93700-06004	NIPPLE, grease	1
7	6E0-43118-00	HANDLE, transom clamp	2	22	646-42528-00	PLATE, friction	1
8	90254-04M00	PIN, spring	2	23	90122-06004	BOLT, wing	1
9	648-43114-01	PAD, transom clamp	2	24	90501-12272	SPRING, compression	1
10	90101-08217	BOLT	1	25	6A1-43351-00	RECEIVER, thrust	1
11	90202-08022	WASHER, plate	2	26	6A1-43371-00	BOLT, receiver	1
12	6A1-43113-01	PLATE, clamp bracket	1	27	90201-06040	WASHER, plate	1
13	95380-08600	NUT	1	28	90175-06008	NUT, wing	1
14	6A1-43311-01-EJ	BRACKET, swivel	1	29	91690-20006	PIN, spring	1
15	6A1-43312-00-EJ	BRACKET, swivel	1				

Fig. 6 UPPER CASING

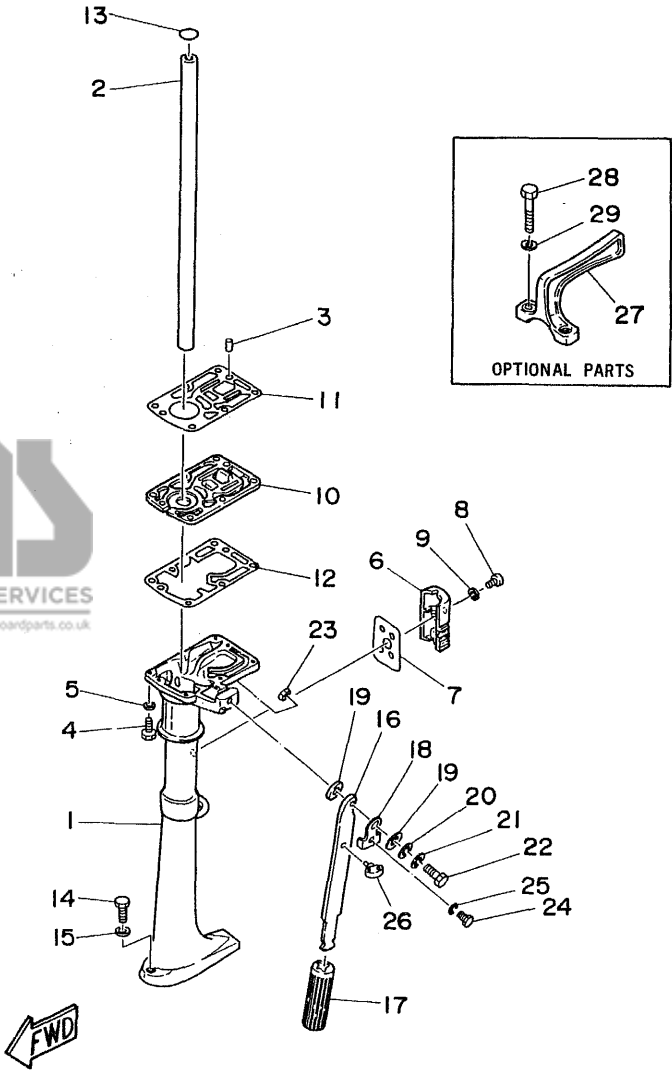


Fig. 6 UPPER CASING

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A1-45111-02-EJ	CASING, upper	1	16	6A1-42111-00-EJ	HANDLE, steering	1
2	6A1-45113-00	GASKET, upper casing	1	17	646-42119-02	GRIP, steering handle	1
3	93605-15065	PIN, dowel	2	18	6A1-42181-00	WASHER	1
4	97395-06025	BOLT	6	19	90201-09117	WASHER, plate	2
5	92990-06600	WASHER, plate	6	20	92990-08200	WASHER, plain	1
6	6A1-45151-00	COVER, upper casing	1	21	92990-08100	WASHER, spring	1
7	6A1-45115-00	GASKET, upper casing	1	22	90101-08M11	BOLT	1
8	92580-06016	SCREW, pan head	1	23	93580-08600	NUT	1
9	92990-06600	WASHER, plate	1	24	97395-06010	BOLT	1
10	6A1-41137-00-5B	GUIDE, exhaust	1	25	92990-06100	WASHER, spring	1
11	6A1-14613-01	GASKET, exhaust pipe	1	26	646-42591-00	HOLDER, shear pin	1
12	646-14623-01	GASKET, exhaust pipe	1	27	646-42121-00-94	BRACKET	1 AP
13	93210-19123	O-RING	1	28	97395-06055	BOLT	2 AP
14	97395-06030	BOLT	1	29	92990-06100	WASHER, spring	2 AP
15	92990-06600	WASHER, plate	1				

Fig. 7 LOWER CASING. DRIVE 1

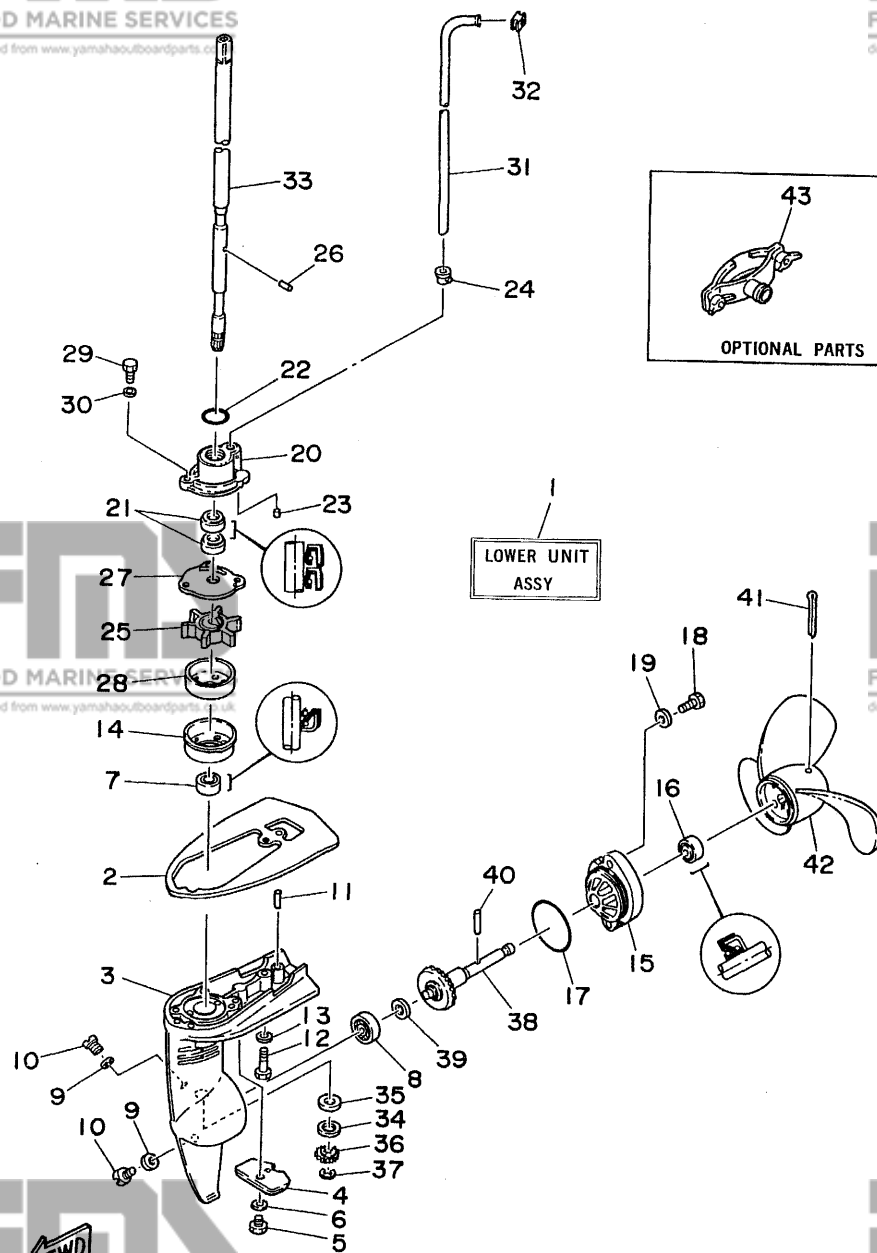


Fig. 7 LOWER CASING. DRIVE 1

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A1-45300-03-EJ	LOWER UNIT ASSY (Ref.No. 3 to 10, 14 to 30 and 33 to 39)	1	24	646-44366-01	DAMPER, water seal	1
2	6A1-45181-00-EJ	PLATE	1	25	646-44352-01	IMPELLER	1
3	6A1-45311-02-EJ	CASING, lower	1	26	93604-09066	PIN, dowel	1
4	6L5-45251-02	ANODE	1	27	646-44323-00	OUTER PLATE, cartridge	1
5	97395-06012	BOLT	1	28	646-44322-00	INSERT, cartridge	1
6	92990-06600	WASHER, plate	1	29	97390-05016	BOLT	2
7	93103-11051	OIL SEAL	1	30	92990-05600	WASHER, plate	2
8	93306-00001	BEARING	1	31	6A1-44361-00	TUBE, water	1
9	90430-08020	GASKET	2	32	646-44365-00	DAMPER, water seal	1
10	90340-08M04	PLUG, straight screw	2	33	6A1-45510-01	DRIVE SHAFT ASSY	1
11	93605-15065	PIN, dowel	2	34	90201-11M49	WASHER, plate	1
12	97395-06030	BOLT	1	35	646-45534-00-03	SHIM (T0.3)	1 UR
13	92990-06600	WASHER, plate	1		646-45534-00-05	SHIM (T0.5)	1 UR
14	6A1-44325-00	PROTECTOR, oil seal	1	36	646-45551-00	PINION	1
15	6A1-45361-01-EJ	CAP, lower casing	1	37	99001-06600	CIRCLIP	1
16	93103-10052	OIL SEAL	1	38	646-45560-00	GEAR	1
17	93210-42101	O-RING	1	39	646-45567-00-03	SHIM (T0.3)	1 UR
18	97390-06014	BOLT	2		646-45567-00-04	SHIM (T0.4)	1 UR
19	92990-06600	WASHER, plate	2		646-45567-00-05	SHIM (T0.5)	1 UR
20	6A1-44312-01-94	COVER, water pump housing	1	40	90250-03M10	PIN, straight	1
21	93101-11M44	OIL SEAL	2	41	91490-30040	PIN, cotter	1
22	93210-19123	O-RING	1	42	6A1-45943-00	PROPELLER (3X7-1/4"X4"-A)	1 UR
23	93604-09068	PIN, dowel	2		646-45942-01-EL	PROPELLER (3X7-1/4"X5-1/2"-A)	1 UR
					646-45944-01-EL	PROPELLER (3X7-1/4"X4-1/2"-A)	1 UR
				43	646-28193-00	PLUG, water check	1 AP

Fig. 8 GENERATOR

Fig. 8 GENERATOR

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A1-81350-20	ROTOR ASSY	1	11	90280-04M06	KEY, woodruff	1
2	6A1-81310-20	BASE ASSY	1	12	6A1-81362-00	COVER, hole	1
3	6A1-81311-20	.COIL, ignition 1	1	13	95303-10600	NUT	1
4	90159-05040	.SCREW, with washer	2	14	92990-10100	WASHER, spring	1
5	806-81321-20	.CONTACT BREAKER ASSY	1	15	97313-06030	BOLT	2
6	90159-04036	.SCREW, with washer	1	16	92990-06100	WASHER, spring	2
7	624-81325-20	.CONDENSER 1	1	17	92990-06600	WASHER, plate	2
8	116-81331-20	.LUBRICATOR	1	18	6G1-82370-20	PLUG CAP ASSY	1
9	110-81346-21	.SCREW, pan head	1	19	90446-10M05	HOSE	1
10	650-82340-10	.HIGH TENSION CORD ASSY 1	1				

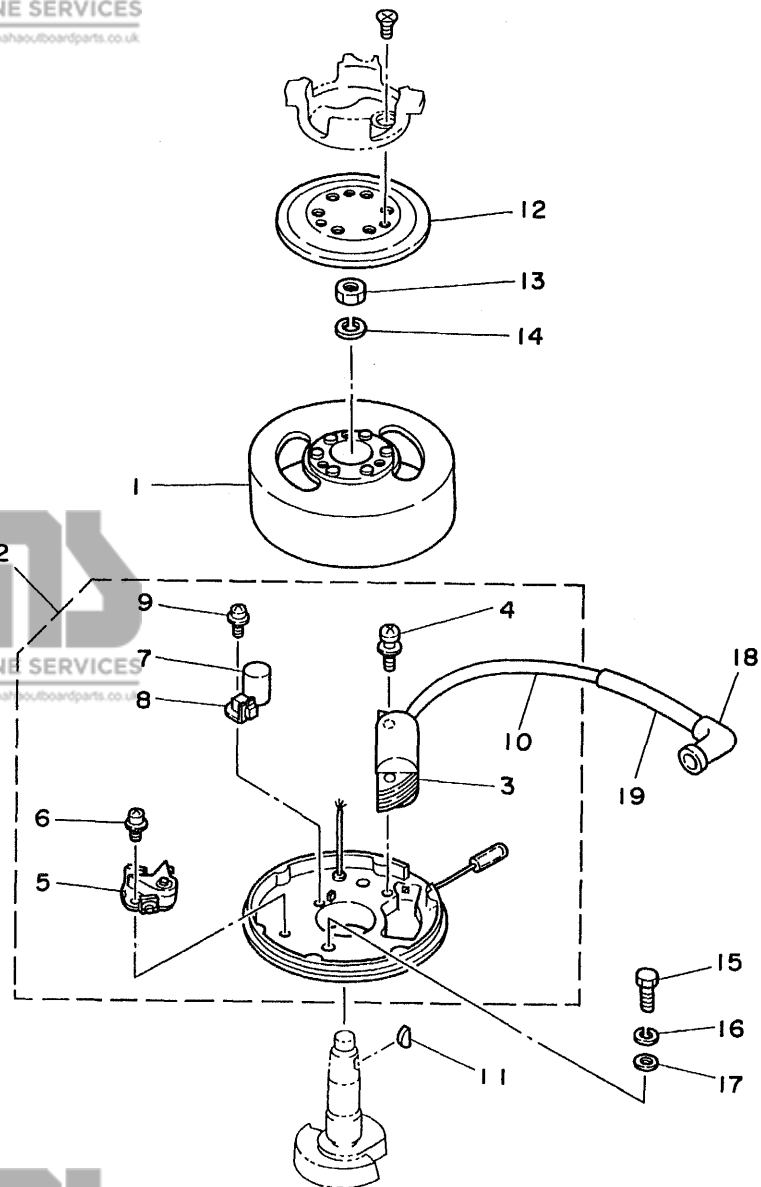


Fig. 9 REPAIR KIT

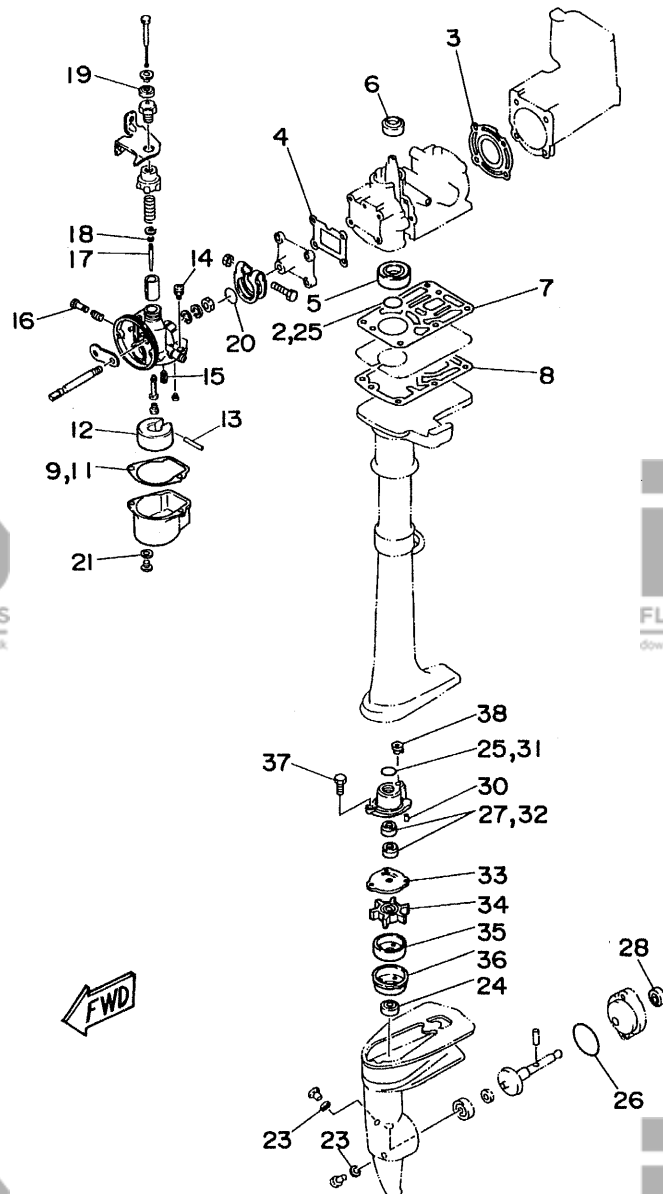


Fig. 9 REPAIR KIT

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A1-W0001-01	POWER HEAD GASKET KIT	1	20	646-14229-01	.O-RING	1
2	93210-08M29	.O-RING	1	21	6A1-14398-00	.GASKET	1
3	646-11181-01	.GASKET, cylinder head 1	1	22	6A1-W0001-23	LOWER UNIT GASKET KIT	1
4	6A1-13621-00	.GASKET, valve seat	1	23	90430-08020	.GASKET	2
5	93102-20070	.OIL SEAL	1	24	93103-11051	.OIL SEAL	1
6	93102-15M32	.OIL SEAL	1	25	93210-19123	.O-RING	2
7	646-14623-01	.GASKET, exhaust pipe	1	26	93210-42101	.O-RING	1
8	6A1-14613-01	.GASKET, exhaust pipe	1	27	93101-11M44	.OIL SEAL	2
9	6A1-14384-00	.GASKET, float chamber	1	28	93103-10052	.OIL SEAL	1
10	6A1-W0093-02	CARBURETOR REPAIR KIT	1	29	6A1-W0078-02	WATER PUMP REPAIR KIT	1
11	6A1-14384-00	.GASKET, float chamber	1	30	93604-09068	.PIN, dowel	2
12	6A1-14385-00	.FLOAT	1	31	93210-19123	.O-RING	1
13	6A1-14386-00	.PIN, float	1	32	93101-11M44	.OIL SEAL	2
14	98580-04010	.SCREW, pan head	2	33	646-44323-00	.OUTER PLATE, cartridge	1
15	6A1-14392-00	.VALVE, needle	1	34	646-44352-01	.IMPELLER	1
16	646-14211-02	.SCREW, pilot adjusting	1	35	646-44322-00	.INSERT, cartridge	1
17	6A1-14116-10	.NEEDLE	1	36	6A1-44325-00	.PROTECTOR, oil seal	1
18	646-14137-00	.CLIP	1	37	97390-05016	.BOLT	2
19	646-14169-00	.CAP	1	38	646-44366-01	.DAMPER, water seal	1