

2B

GA1-28198-ED

2B

serial no.

2B : 000101 and up

INTERCHANGEABILITY MARK

Whether or not there is interchangeability between the parts having the previous and new parts numbers is indicated by interchangeability marks.

Ref.No.	Parts No.	Description	Q'ty
1	6A1-45111-00-F6	CASING, upper	1
2	* 97395-06030	BOLT	1
*	97375-06030	BOLT	1
3	92990-06600	WASHER	1

Interchangeability Mark

* Indicates new parts number

⌋ This mark is indicated serial number of marginal notes.

Mark A : The both new and previous parts are able to use for either previous or new engines.

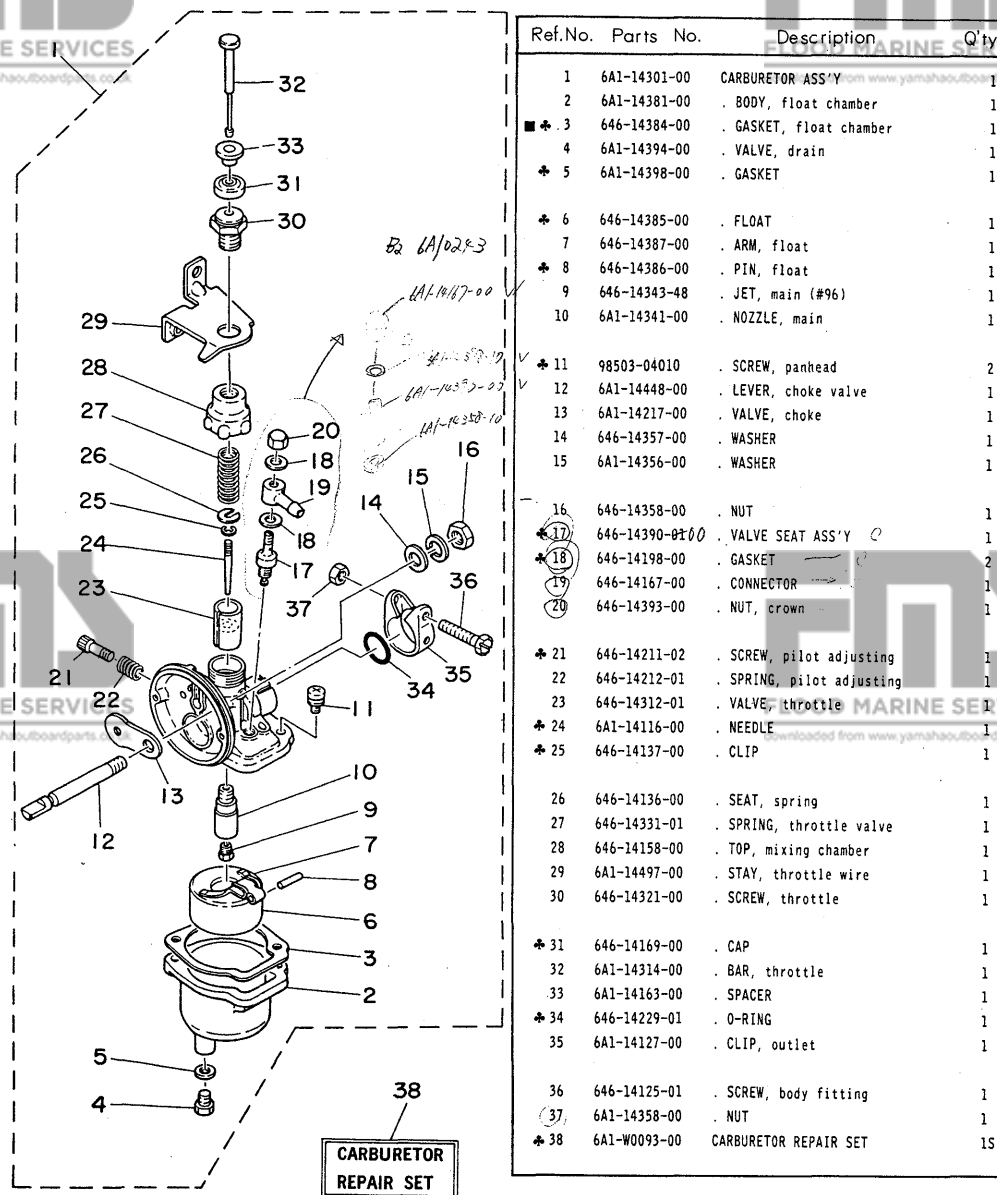
Mark B : Not interchangeable, refer to serial number of marginal notes for ordering or using of parts.

Mark C : Interchangeable, but the previous parts are not able to use for new engines.

REPAIR KIT

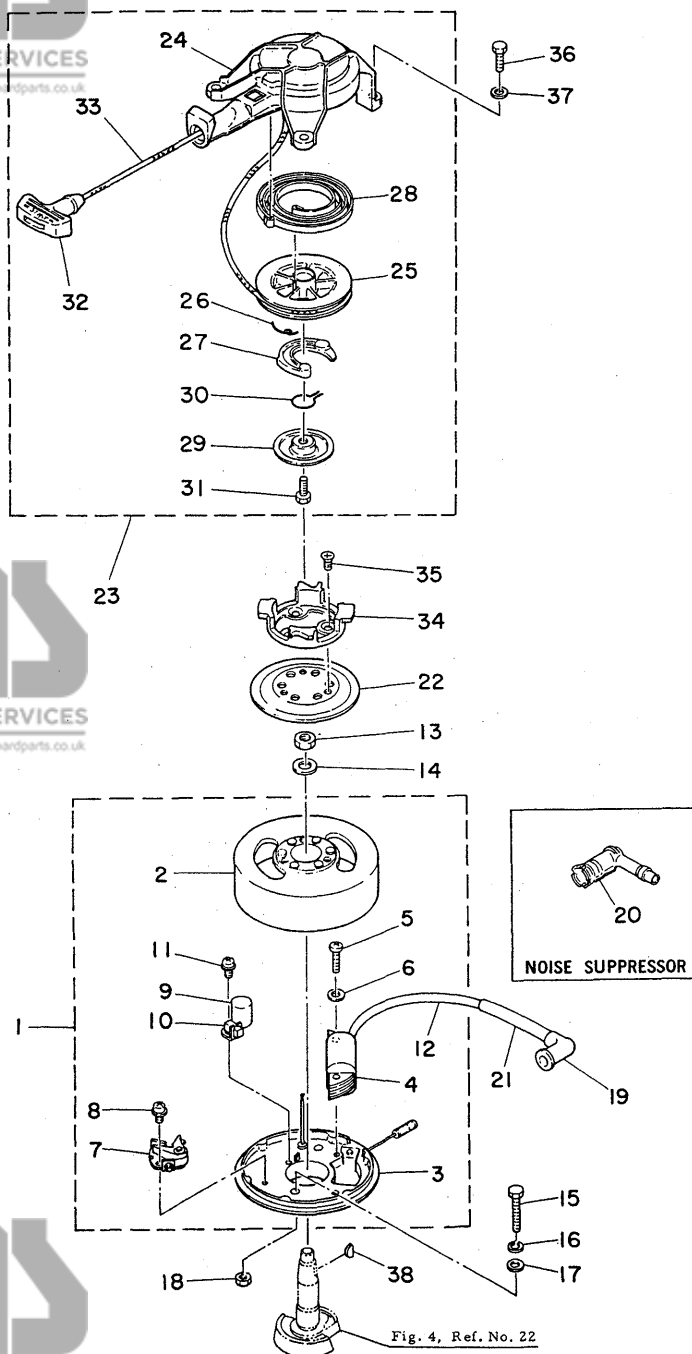
POWER HEAD GASKET KIT	6A1-W0001-00
LOWER UNIT GASKET KIT	6A1-W0001-21
REED SET	6A1-W0004-00
WATER PUMP REPAIR KIT	6A1-W0078-01
CRANK CYLINDER ASS'Y	6A1-W0090-60
CARBURETOR REPAIR SET	6A1-W0093-00
LOWER UNIT ASS'Y	6A1-45300-00-F6

Fig. 1 CARBURETOR '80/'81



- Contents of power head gasket kit (Parts No. 6A1-W0001-00)
- ◆ Contents of carburetor repair set

Fig.2 FLYWHEEL MAGNETO & STARTER '80/'81



FLYWHEEL MAGNETO & STARTER '80/'81

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A1-81300-20	FLYWHEEL MAGNETO ASS'Y	1	19	663-82370-01	PLUG CAP ASS'Y	1
2	6A1-81350-20	ROTOR ASS'Y	1	20	677-82370-00	PLUG CAP ASS'Y (Noise Suppressor)	1
3	6A1-81309-20	BASE, flywheel magneto	1	21	90446-10098	GROMMET	1
4	6A1-81311-20	COIL, ignition	1	22	6A1-81362-00	COVER, hole 1	1
5	98501-05025	SCREW, panhead	2	23	6A1-15710-00	STARTER ASS'Y	1
6	92901-05100	WASHER	2	24	6A1-15711-00	CASE, starter	1
7	806-81321-20	CONTACT BREAKER ASS'Y	1	25	6A1-15714-00	DRUM, sheave	1
8	110-81347-21	SCREW	1	26	6A1-15767-00	SPRING, return	1
9	624-81325-20	CONDENSER	1	27	6A1-15741-00	PAWL, drive	1
10	* 120-81331-20	LUBRICATOR	1	28	6A1-15713-00	SPRING, starter	1
				29	6A1-15717-00	SHAFT	1
				30	6A1-15705-00	SPRING, drive pawl	1
				31	97382-06012	BOLT	1
				32	6A1-15755-01	HANDLE, starter	1
				33	+	WIRE (1300mm)	1
				34	6A1-15723-00-94	PULLEY, starter	1
				35	92703-06012	SCREW, flathead	3
				36	97313-06016	BOLT	3
				37	92903-06600	WASHER	3
				38	90280-04006	KEY, woodruff	1

* New parts number

* Not shown

* Cut from 50m roll, Parts No. 90890-44372, cutting length 1.3m.

Fig. 3 COWLING & FUEL SECTION '80/'81

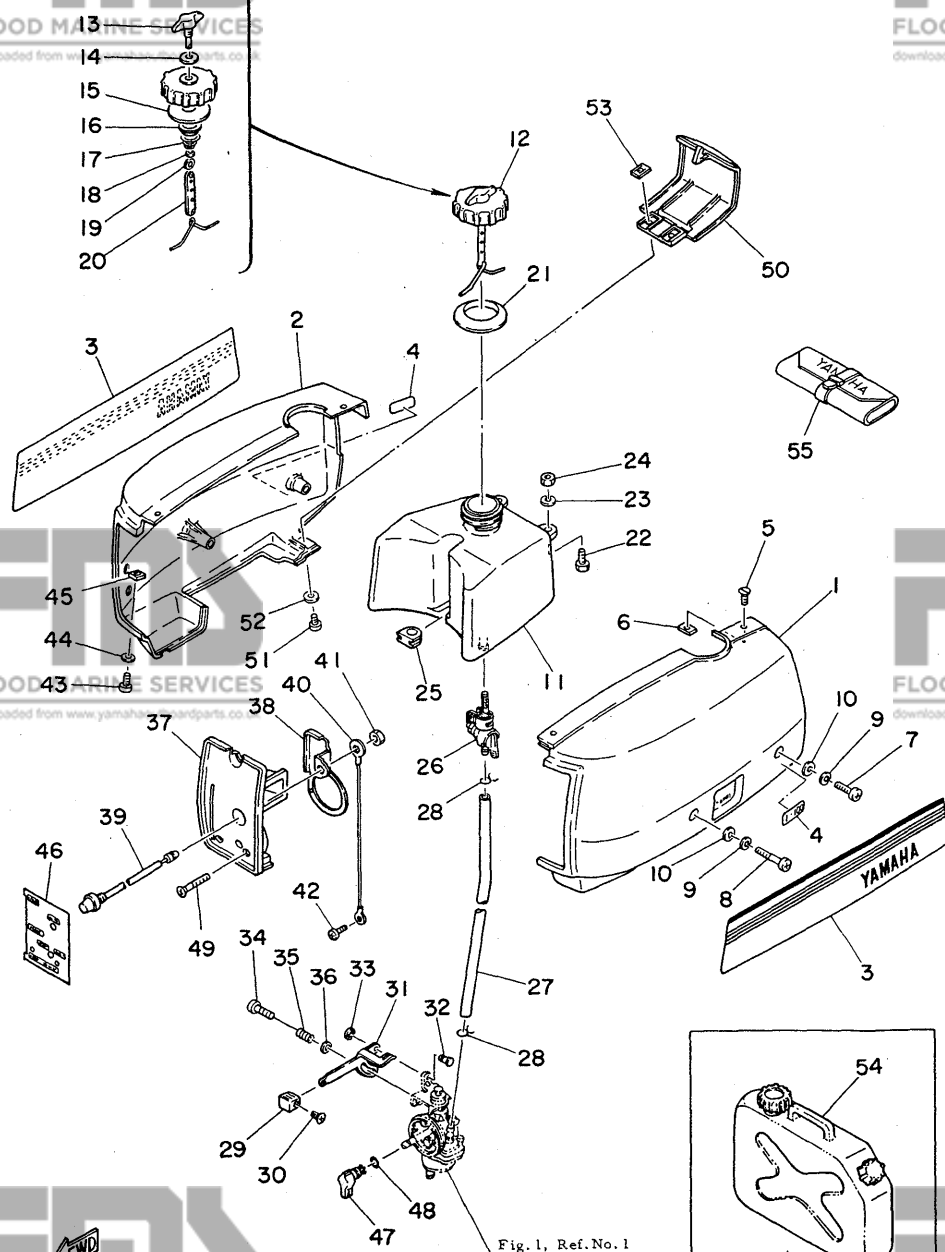
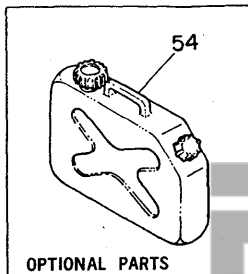


Fig. 1, Ref.No.1



OPTIONAL PARTS

COWLING & FUEL SECTION '80/'81

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A1-42741-00	APRON 1	1	29	6A1-41637-00	KNOB, magneto control	1
2	6A1-42771-00	APRON 2	1	30	98780-03010	SCREW, ovalhead tapping	1
3	6A1-W0070-00	GRAPHIC SIDE SET	15	31	6A1-41212-00	ARM, accel.	1
4	646-42783-80	GRAPHIC, side	2	32	6A1-14365-00	PIN, clevis	1
5	98280-05012	SCREW, flathead	2	33	93430-04003	CIRCLIP (E-46)	1
6	90183-05M00	NUT, spring	2	34 *	97803-05025	SCREW, panhead	1
7	97890-06025	SCREW, panhead	2	*	98503-05025	SCREW, panhead	1
8	97890-06040	SCREW, panhead	2	35	90501-12M16	SPRING, compression	1
9	92990-06100	WASHER	4	36	92903-05200	WASHER	1
10	92990-06600	WASHER	4	37	6A1-14441-00	SILENCER	1
11	6A1-24110-00	FUEL TANK COMP.	1	38	6A1-14442-00	SPACER 1	1
12	646-24610-03	CAP ASS'Y	1	39	6A1-82550-00	STOP SWITCH ASS'Y	1
13	620-24631-02	SCREW, air	1	40	6A1-82541-00	WIRE, lead	1
14	90430-04005	GASKET	1	41	95390-08700	NUT	1
15	90430-14117	PACKING	1	42	98501-05008	SCREW, panhead	1
16	646-24615-01	GASKET, plate 1	1	43	97890-05010	SCREW, panhead	2
17	90501-10374	SPRING, compression	1	44	92990-05600	WASHER	2
18	92902-04200	WASHER	1	45	90173-05M00	NUT	2
19	90501-10260	SPRING, safety	1	46	6A1-42677-00	GRAPHIC, front	1
20	646-24241-00	INDICATOR 1	1	47	6A1-41271-00	KNOB, choke	1
21	646-24198-00	SEAT, rubber	1	48	93210-08M29	O-RING (1.36~7.66)	1
22	97313-06018	BOLT	2	49	98680-04035	SCREW, ovalhead	2
23	90201-06M30	WASHER	2	50	6A1-82375-00	COVER, plug cap	1
24	95303-06600	NUT	2	51	97890-05010	SCREW, panhead	2
25	6A1-24181-00	DAMPER, locating	1	52	92990-05600	WASHER	2
26	6A1-24500-00	FUEL COCK ASS'Y	1	53	90183-05M00	NUT, spring	2
27	6A1-24311-00	HOSE (56-96-200mm)	1	54	806-24200-00	FUEL TANK COMP. (Optional)	1
28	90467-08004	CLIP	2	55	6A1-28100-60	TOOL ASS'Y	1

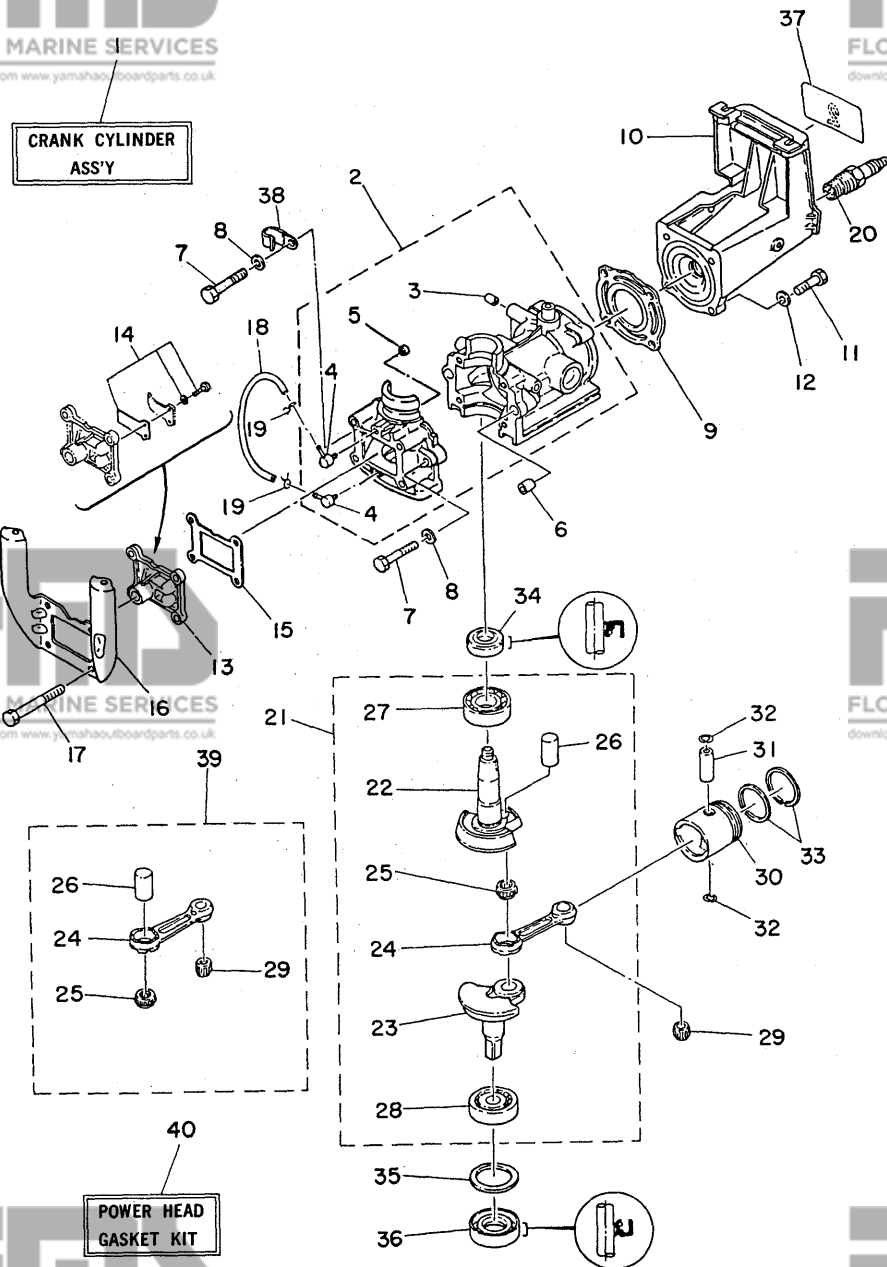
* New parts number

* Not shown

■ Contents of power head gasket kit (Parts No. 6A1-W0001-00)

Fig. 4 CRANKCASE, CYLINDER & PISTON '80/'81

CRANKCASE, CYLINDER & PISTON '80/'81



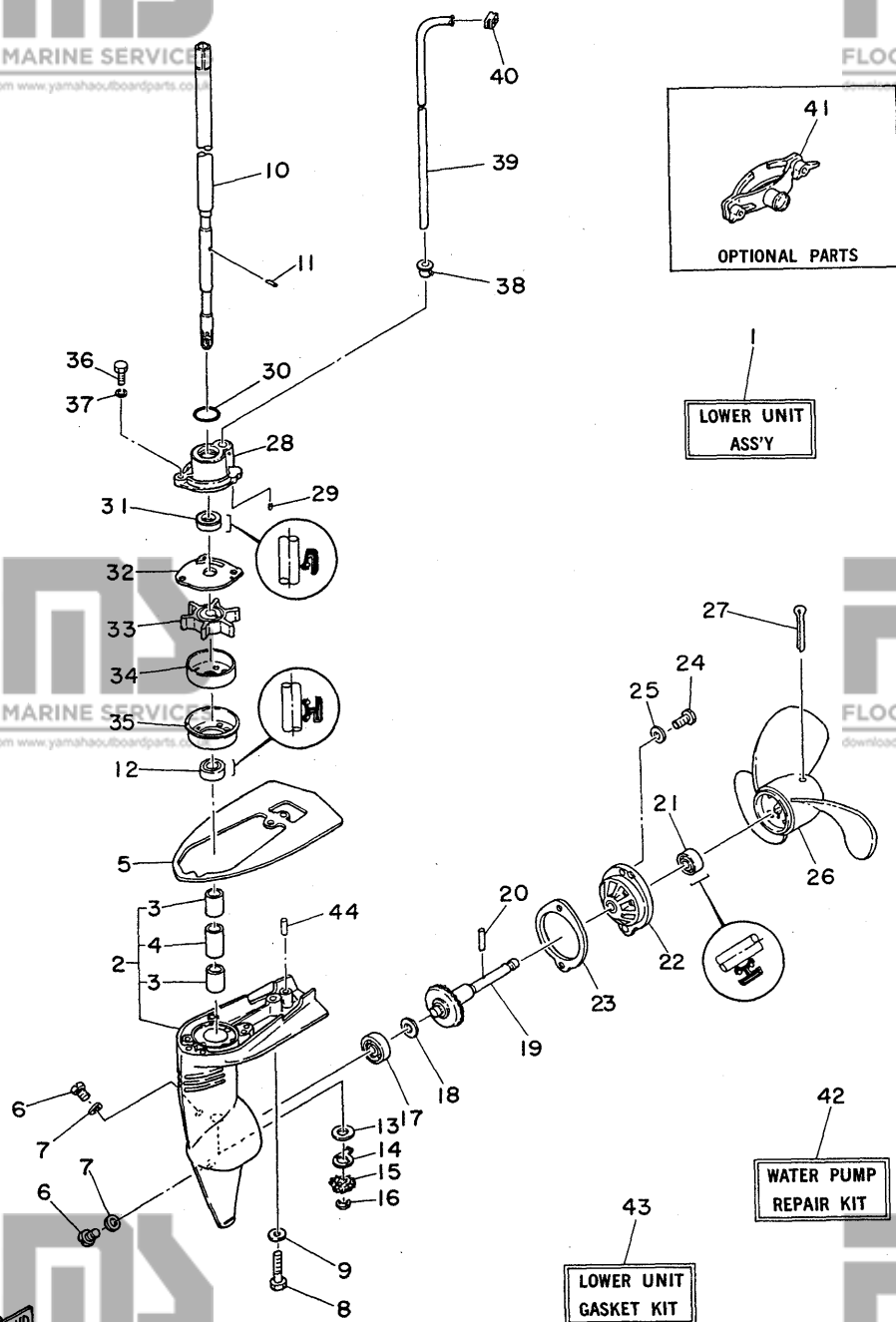
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A1-W0090-60	CRANK CYLINDER ASS'Y (Ref. No. 2 to 15, 17 to 36)	1	25	93310-31439	BEARING, con-rod big end	1
2	6A1-15100-60-94	CRANKCASE ASS'Y	1	26	646-11681-00	PIN, crank	1
3	90336-06001	PLUG, blind 1	1	27	93306-00409	BEARING (B6004)	1
4	650-14485-02	PIPE, joint	2	28	93306-30204	BEARING (B6302)	1
5	624-11379-00	VALVE CHECK 1	1	29	93310-21038	BEARING, con-rod small end	1
6	91830-21014	PIN, dowel A (6.46-10.6-14mm)	2	30	646-11631-01-97	PISTON (Standard 38.97mm)	U.R. 1
7	97313-06040	BOLT	2		646-11631-01-98	PISTON (Standard 38.98mm)	
8	92903-06600	WASHER	2	*	646-11635-01	PISTON (Over Size 39.25mm)	1
9	646-11181-01	GASKET, cylinder head	1	*	646-11636-01	PISTON (Over Size 39.50mm)	1
10	6A1-11111-00-94	HEAD, cylinder	1	31	646-11633-00	PIN, piston	1
11	* 97395-06025	BOLT	4	32	93450-11021	CLIP	2
	* 97375-06025	BOLT	4	33	646-11601-01	PISTON RING SET (Standard)	15
12	92990-06600	WASHER	4	*	646-11601-11	PISTON RING SET (Over Size 39.25mm)	15
13	6A1-13610-00	REED VALVE ASS'Y	1	*	646-11601-21	PISTON RING SET (Over Size 39.50mm)	15
14	6A1-W0004-00	REED SET	1	34	93102-20070	OIL SEAL (SD-206-306-7mm)	1
15	6A1-13621-00	PACKING, valve seat	1	35	90201-35300	WASHER (356-456-1.0mm)	1
16	6A1-15771-00	STAY 1	1	36	93102-15085	OIL SEAL (SD-156-426-8mm)	1
17	97313-06060	BOLT	4	37	* 6A1-42678-80	GRAPHIC, rear	1 A
18	90445-07254	HOSE (2.56-74-118mm)	1	38	* 6A1-42678-00	GRAPHIC, rear	
19	90467-06016	CLIP	2	38	* 90465-08028	CLAMP	1 A
20	94701-00039	PLUG, spark (B-6HS) NGK	U.R. 1	39	646-11650-01	CONNECTING ROD ASS'Y	15
	94701-00069	PLUG, spark (B-5HS) NGK		40	6A1-W0001-00	POWER HEAD GASKET KIT	15
21	6A1-11400-00	CRANK ASS'Y	1				
22	646-11412-01	CRANK 1	1				
23	6A1-11422-00	CRANK 2	1				
24	646-11651-01	ROD, connecting 1	1				

▷ 28: 002611 and up
 ▷ 28: 013136 and up
 ◀ 28: 013135 and below

* New parts number
 * Not shown
 ■ Contents of power head gasket kit

Fig. 5 LOWER & DRIVE '80/'81

LOWER & DRIVE '80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A1-45300-00-F6	LOWER UNIT ASS'Y (Ref. No. 2 to 19, 21 to 25, 28 to 38)	15	▲ 23	646-45363-00	GASKET, lower casing cap	1
2	6A1-45310-00-F6	LOWER CASING ASS'Y	1	24 *	97390-06014	BOLT	2
3	646-45316-09	BUSHING, drive shaft 1	2	*	97370-06014	BOLT	2
4	90387-11319	BUSHING, drive shaft 2	1	25	92990-06600	WASHER	2
5	6A1-45181-00-F6	PLATE	1	26	6A1-45943-00-36	PROPELLER ASS'Y 2 (3X7 1/4"X4"-A)	U.R. 1
6	90340-08014	PLUG	2	646-45942-00-36	PROPELLER 1 (3X7 1/4"X5 1/4"-A)		
▲ 7	90430-08020	GASKET	2	646-45944-00-36	PROPELLER 2 (3X7 1/4"X4 1/4"-A)		
8 *	97395-06030	BOLT	1	27	91490-30040	PIN, cotter	1
*	97375-06030	BOLT	1	▷ 28 *	6A1-44312-00	COVER, water pump housing	1
9	92990-06600	WASHER	1	◁ *	646-44312-02-94	COVER, water pump housing	
10	6A1-45510-00	DRIVE SHAFT ASS'Y	1	★ 29	93604-09068	PIN, dowel B (3.56-9mm)	2
11	93604-09066	PIN, dowel B (3.56-9mm)	1	▲ ★ 30	93210-19123	O-RING (2.46-196)	1
▲ 12	93103-11051	OIL SEAL (SW-116-216-8mm)	1	▷ ★ 31 *	93103-11051	OIL SEAL (SW-116-216-8mm)	1
13	646-45534-00-03	THRUST WASHER (0.3mm)	U.R. 1	▷ ★ *	93101-11042	OIL SEAL (S-116-216-6mm)	1
	646-45534-00-05	THRUST WASHER (0.5mm)		★ 32	646-44323-00	OUTER PLATE, cartridge	1
14	90214-11010	WASHER (11.36-186-1.5mm)	1	★ 33	646-44352-01	IMPELLER	1
15	646-45551-00	PINION (13T)	1	★ 34	646-44322-00	INSERT, cartridge	1
16	93430-06005	CLIP (E-66)	1	★ 35	6A1-44325-00	PROTECTOR, oil seal	1
17	93306-00001	BEARING (B6000)	1	★ 36 *	97390-05016	BOLT	2
18	646-45567-00-03	SHIM, gear adjust 1 (0.3mm)	U.R. 1	★ *	97370-05016	BOLT	2
	646-45567-00-05	SHIM, gear adjust 1 (0.5mm)		37	92990-05100	WASHER	2
19	646-45560-00	GEAR 1 ASS'Y (27T)	1	★ 38	646-44366-01	RUBBER, water seal 2	1
20	90250-03002	PIN, share	1	39	646-44361-00	TUBE, water 1	1
21	93103-10052	OIL SEAL (SW-104-216-10mm)	1	■ 40	646-44365-00	RUBBER, water seal 1	1
22	646-45360-00-F6	LOWER CASING CAP ASS'Y	1	41	646-28193-00	PLUG, water check (Optional)	1
				▷ ★ 42 *	6A1-W0078-01	WATER PUMP REPAIR KIT	1
				▷ ★ *	6A1-W0078-00	WATER PUMP REPAIR KIT	1
				▷ ▲ 43 *	6A1-W0001-21	LOWER UNIT GASKET KIT	1
				▷ ▲ *	6A1-W0001-20	LOWER UNIT GASKET KIT	1
				44	93605-18M04	PIN, dowel B (56-18mm)	2

< 28: 008800 and below > 28: 008801 and up

- * New parts number
- * Not shown
- Contents of power head gasket kit (Parts No. 6A1-W0001-00)
- ▲ Contents of lower unit gasket kit
- ★ Contents of water pump repair kit

Fig. 6 UPPER CASING '80/'81

Ref.No.	Parts No.	Description	Q'ty
1	6A1-45111-00-F6	CASING, upper	1
2 *	97395-06030	BOLT	1
※	97375-06030	BOLT	1
3	92990-06600	WASHER	1
4	646-45113-00	GASKET, upper casing	1
▲ 5	93210-19123	O-RING (2.46-196)	1
■ 6	646-14623-01	GASKET, exhaust 2	1
7 *	6A1-41137-00-9M	GUIDE, exhaust	1
※	6A1-41137-00-94	GUIDE, exhaust	1
■ 8	6A1-14613-00	GASKET, exhaust 1	1
9	93605-15065	PIN, dowel B (56-15mm)	2
10 *	97395-06025	BOLT	6
※	97375-06025	BOLT	6
11	92990-06600	WASHER	6
12	646-42111-01-F6	HANDLE, steering	1
13	646-42112-00-F6	HANDLE, steering (Optional)	1
14	646-42119-02	GRIP, steering handle	1
15	90101-08094	BOLT	1
16	92990-08100	WASHER	1
17	92990-08200	WASHER	1
18	90201-09117	WASHER (96-206-0.5mm)	2
19	95380-08600	NUT	1
20	646-42591-00	HOLDER, share pin	1
21	646-42121-00	BRACKET, carrying (Optional)	1
22 *	97395-06055	BOLT	2
※	97375-06055	BOLT	2
23	92990-06100	WASHER	2

* New parts number

※ Not shown

■ Contents of power head gasket kit (Parts No. 6A1-W0001-00)

▲ Contents of lower unit gasket kit (Parts No. 6A1-W0001-21)

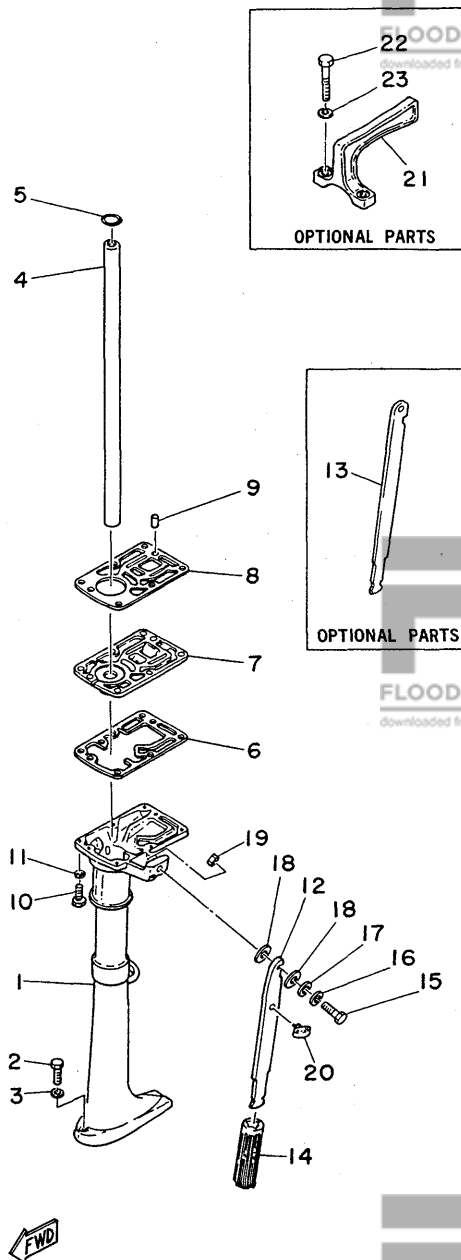
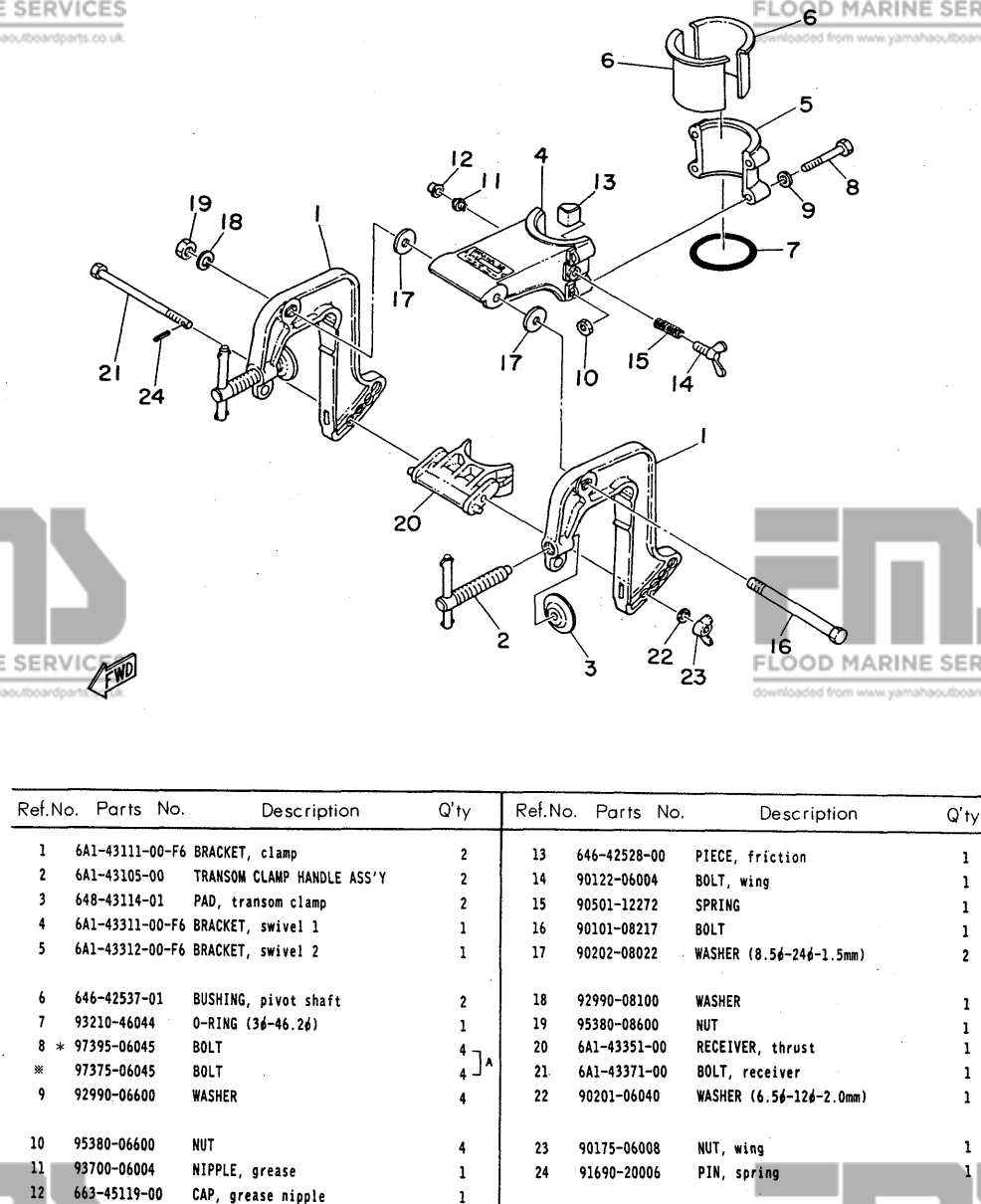


Fig. 7 BRACKET '80/'81



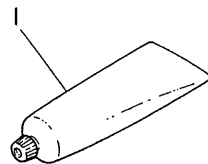
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	6A1-43111-00-F6	BRACKET, clamp	2	13	646-42528-00	PIECE, friction	1
2	6A1-43105-00	TRANSOM CLAMP HANDLE ASS'Y	2	14	90122-06004	BOLT, wing	1
3	648-43114-01	PAD, transom clamp	2	15	90501-12272	SPRING	1
4	6A1-43311-00-F6	BRACKET, swivel 1	1	16	90101-08217	BOLT	1
5	6A1-43312-00-F6	BRACKET, swivel 2	1	17	90202-08022	WASHER (8.56-246-1.5mm)	2
6	646-42537-01	BUSHING, pivot shaft	2	18	92990-08100	WASHER	1
7	93210-46044	O-RING (36-46.26)	1	19	95380-08600	NUT	1
8 *	97395-06045	BOLT	4	20	6A1-43351-00	RECEIVER, thrust	1
※	97375-06045	BOLT	4	21	6A1-43371-00	BOLT, receiver	1
9	92990-06600	WASHER	4	22	90201-06040	WASHER (6.56-126-2.0mm)	1
10	95380-06600	NUT	4	23	90175-06008	NUT, wing	1
11	93700-06004	NIPPLE, grease	1	24	91690-20006	PIN, spring	1
12	663-45119-00	CAP, grease nipple	1				

* New parts number

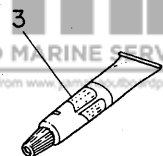
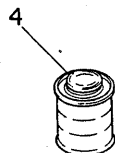
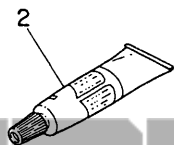
※ Not shown

Fig. 8 ACCESSORY PARTS-'80/'81

Ref.No.	Parts No.	Description	Q'ty
1	90890-69908	YAMAHA GREASE C (150g)	U.R.



Ref.No.	Parts No.	Description	Q'ty
YAMAHA BOND			
2	90890-05143	YAMAHA BOND 4 (200g)	} U.R.
3	90890-05144	YAMAHA BOND 5 (150g)	
4	90890-05074	YAMAHA BOND 7 (100g)	



Ref.No.	Parts No.	Description	Q'ty
YAMAHA GREASE			
5	90890-69910	YAMAHA GREASE A (50g)	} U.R.
6	90890-69911	YAMAHA GREASE A (250g)	
7	90890-69912	YAMAHA GREASE A (4Kg)	

