

695-28198-E0

25D

serial no.

25DM S:000101 and up

L:300101 and up

LL:600101 and up

25DE S:250101 and up

L:550101 and up

LL:650101 and up

25D

Fig. 1 UPPER CASING -'80/'81

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 *	695-42610-81-F6	TOP COWLING ASS'Y	1
▶ 2	695-42610-80-F6	TOP COWLING ASS'Y	1
▶ 3 *	695-W0070-80	GRAPHIC SIDE SET	1s
▶ *	695-W0070-00	GRAPHIC SIDE SET	1s

Interchangeability Mark

* Indicates new parts number

▶ This mark is indicated serial number of marginal notes.

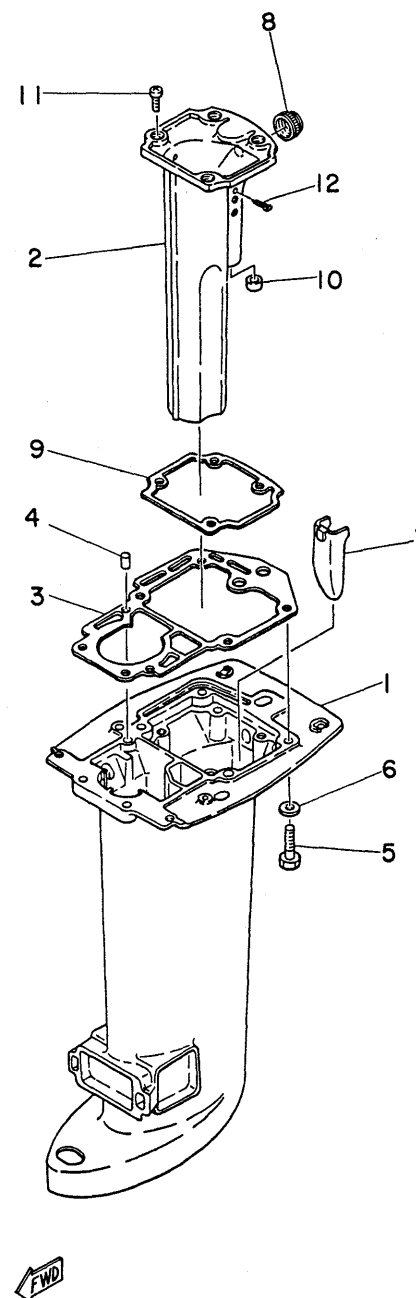
Mark A : The both new and previous parts are able to use for either previous or new engines.

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	695-W0001-00
LOWER UNIT GASKET KIT	689-W0001-20
REED SET	689-W0004-00
WATER PUMP REPAIR KIT	689-W0078-02
CHROME PUMP KIT	689-W0078-0A
SAFETY STARTER KIT	656-W0079-00
HANDLE STEERING ASS'Y	695-W0084-00-F6
CRANK CYLINDER ASS'Y	695-W0090-81
CARBURETOR REPAIR SET	689-W0093-00
LOWER UNIT ASS'Y (Short)	689-45300-00-F6
LOWER UNIT ASS'Y (Long)	689-45300-10-F6



Ref.No.	Parts No.	Description	Q'ty
1	689-45111-00-F6	CASING, upper (Short)	1
*	689-45111-10-F6	CASING, upper (Long, Super Long)	1
2	664-41131-01-94	MANIFOLD, exhaust 1	1
■ 3	689-45113-00	GASKET, upper casing	1
4	93606-12019	PIN, dowel B (6Ø-12mm)	2
5 *	97395-08030	BOLT	6
*	97375-08030	BOLT	6
6	92990-08600	WASHER	6
7	689-41132-00-94	MANIFOLD, exhaust 2 (Short)	1
*	689-41132-10-94	MANIFOLD, exhaust 2 (Long, Super Long)	1
8	664-41133-00	GASKET, exhaust manifold 1	1
▲ 9	664-41134-00	GASKET, exhaust manifold 2	1
10	664-41135-00	GASKET, exhaust manifold 3	1
11	97890-06016	SCREW, panhead	4
12	91490-30025	PIN, cotter	1
SUPER LONG			
13	689-45211-20-F6	EXTENSION	1
14	689-45318-00	BUSHING, drive shaft 3	1
15	90116-10M10	BOLT, stud	4
16	93606-12019	PIN, dowel B (6Ø-12mm)	2
17	90179-10M03	NUT	4
18	92990-10600	WASHER	4

* New parts number

* Not shown

■ Contents of power head gasket kit (Parts No. 695-W0001-00)

▲ Contents of lower unit gasket kit (Parts No. 689-W0001-20)

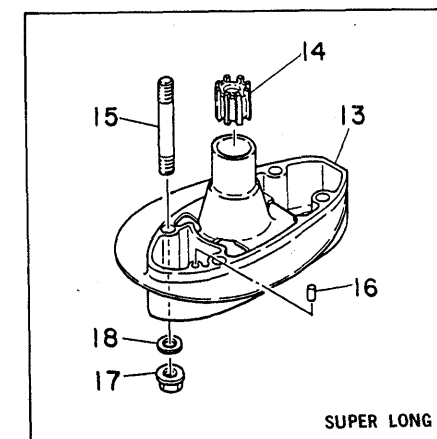
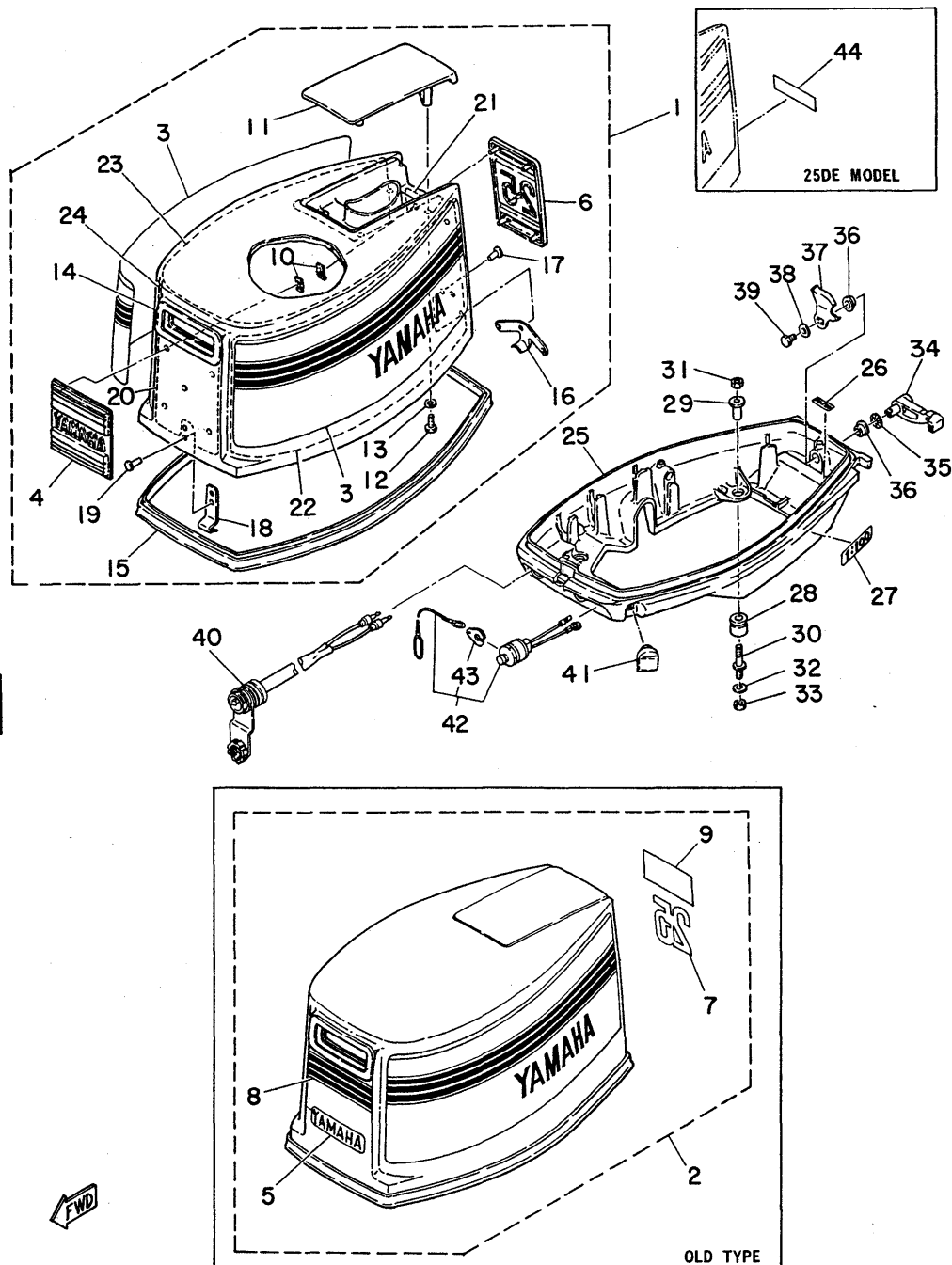


Fig. 2 COWLING '80/'81



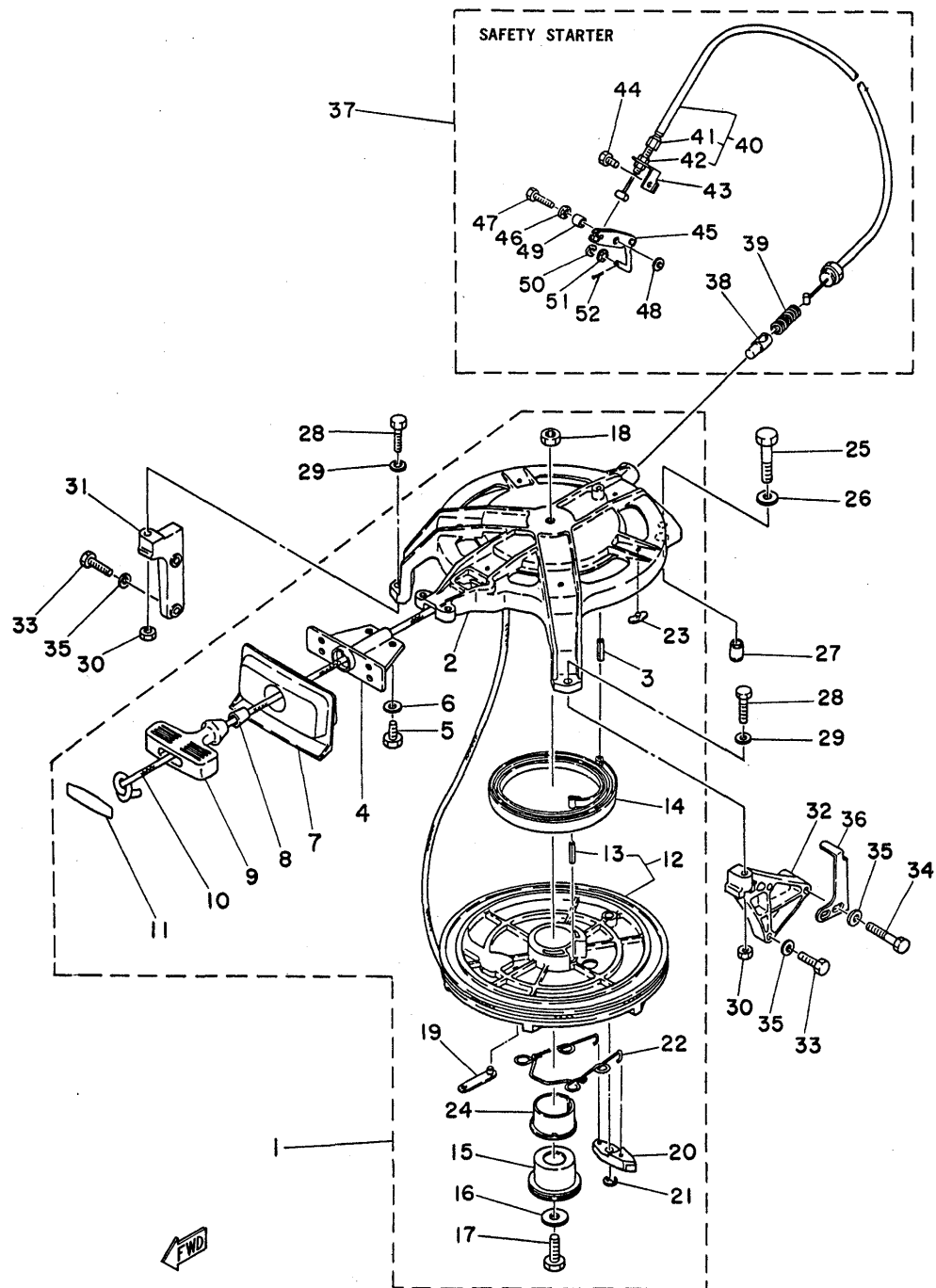
COWLING '80/'81

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
▶ 1 *	695-42610-81-F6	TOP COWLING ASS'Y	1	▶ 23 *	689-42665-00	DAMPER 4	1
▶ 2	695-42610-80-F6	TOP COWLING ASS'Y	1	▶ *	695-42665-00	DAMPER 4	1
▶ 3 *	695-W0070-80	GRAPHIC SIDE SET	1S	24	695-42666-00	DAMPER 5	1
▶ *	695-W0070-00	GRAPHIC SIDE SET	1S	25	689-42711-00-F6	COWLING, bottom	1
▶ 4 *	695-42686-80	EMBLEM, front	1	26	661-42791-80	MARK 1	1
▶ 5	695-42677-00	GRAPHIC, front	1	27	664-42783-80	GRAPHIC, side	2
▶ 6 *	695-42687-80	EMBLEM, rear	1	28	90480-15M06	GROMMET	4
▶ 7	695-42678-00	GRAPHIC, rear	1	29	90387-08M25	COLLAR	4
▶ 8	695-42681-00	MARK, cowling 1	1	30	689-42742-00-94	BOLT	4
▶ 9	695-42682-00	MARK, cowling 2	1	31	95303-08700	NUT	4
▶ 10 *	90183-05M01	NUT, speed	10	32	92990-08600	WASHER	4
11	689-42613-00-F6	MOLDING, air duct	1	33	95380-08700	NUT	4
12	97313-06012	BOLT	4	34	689-42815-00	LEVER, clamp 1	1
13	92903-06600	WASHER	4	35	90206-12052	WASHER, wave (12.50-190-0.5mm)	1
14	648-15761-00	SEAL, rubber	1	36	90386-12069	BUSHING	2
15	689-42615-00	SEAL	1	37	689-42816-00	LEVER, clamp 2	1
16	689-42647-00	HOLDER, clamp band	1	38	90201-06068	WASHER (6.50-200-2.0mm)	1
17	90266-04M01	RIVET	3	39	97313-06010	BOLT	1
18	689-42651-00	HOOK 1	1	40	682-84381-00	2P CONCENT 1	1
19	90266-04M00	RIVET	2	41	689-42725-00	GROMMET 2	1
▶ 20 *	695-42662-01	DAMPER 1	1	▶ 42 *	689-82575-01	KILL SWITCH ASS'Y	1
▶ *	695-42662-00	DAMPER 1	1	▶ *	695-82575-00	KILL SWITCH ASS'Y	1
▶ 21 *	695-42663-01	DAMPER 2	1	43	663-82556-70	STOPPER	1
▶ *	695-42663-00	DAMPER 2	1	44 *	682-42683-50	MARK, cowling 3 (25DE Model)	1
▶ 22	695-42664-00	DAMPER 3	1	▶ *	689-42683-00	MARK, cowling 3 (25DE Model)	1

▶ 25DM S: 006085 and below
 L: 305360 and below
 LL: 600376 and below
 ▶ 25DM S: 006086 and up
 L: 305361 and up
 LL: 600376 and up
 25DE S: 251105 and below
 L: 552120 and below
 LL: 650205 and below
 25DE S: 251106 and up
 L: 552121 and up
 LL: 650206 and up

* New parts number
 * Not shown

Fig. 3 STARTER '80/'81



A7

STARTER '80/'81

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-15710-00	STARTER ASS'Y	1	30	95303-06600	NUT	2
2	676-15711-00-94	CASE, starter	1	31	656-15771-00-94	STAY 1	1
3	91690-40020	PIN, spring	1	32	656-15772-00-94	STAY 2	1
4	* 689-15758-01-94	GUIDE, wire	1	33	97313-06025	BOLT	4
5	* 689-15758-00-94	GUIDE, wire	1	34	97313-06040	BOLT	1
6	97313-06016	BOLT	2	35	92903-06600	WASHER	5
7	92903-06600	WASHER	2	36	* 689-81332-01	PLATE, timing	1
8	689-15762-00	SEAL, rubber 2	1	SAFETY STARTER			
9	* 689-15789-00	DAMPER	1	37	656-W0079-00	SAFETY STARTER KIT	15
10	619-15755-01	HANDLE, starter	1	38	656-15748-00	PLUNGER, starter stop	1
11	*	WIRE (2075mm)	1	39	90501-10227	SPRING, compression	1
12	689-15779-00	COVER	1	40	656-15770-00	WIRE COMP., starter stop	1
13	676-15714-00-94	DRUM, sheave	1	41	90123-06049	BOLT, wire adjusting	1
14	91690-40020	PIN, spring	1	42	95303-06600	NUT	2
15	90510-09M00	SPRING, spiral	1	43	656-15774-00	STAY 4	1
16	676-15717-00	SHAFT	1	44	97313-06010	BOLT	1
17	90201-08309	WASHER (8.0-23.0-3.0mm)	1	45	656-15749-00	LINK COMP., starter stop	1
18	97313-08025	BOLT	1	46	90206-08010	WASHER, wave (8.7.0-16.0-0.3mm)	1
19	95303-08600	NUT	1	47	97313-06020	BOLT	1
20	676-15799-01	CLIP	1	48	92903-06600	WASHER	1
21	676-15741-03	PAWL, drive	1	49	90387-06568	COLLAR (6.0-8.0-7.5mm)	1
22	93430-06M02	CIRCLIP	1	50	92903-05600	WASHER	1
23	676-15705-00	SPRING, drive pawl	1	51	90206-05005	WASHER, wave (5.5.0-11.0-0.3mm)	1
24	676-15773-00	STAY 3	6	52	91490-16010	PIN, cotter	1
25	90386-35M01	BUSHING	1				
26	97313-08035	BOLT	1				
27	92903-08600	WASHER	1				
28	91830-22016	PIN, dowel A (8.4.0-12.0-16mm)	1				
29	97313-06030	BOLT	2				
30	92903-06600	WASHER	2				

25DM S: 008086 and up
L: 305361 and up
LL: 600376 and up

25DE S: 251106 and up
L: 552121 and up
LL: 650206 and up

25DM S: 004710 and below
L: 303885 and below
LL: 600280 and below

25DE S: 250955 and below
L: 551825 and below
LL: 650160 and below

25DM S: 004711 and up
L: 303886 and up
LL: 600281 and up

25DE S: 250956 and up
L: 551826 and up
LL: 650161 and up

* New parts number

* Not shown

* Cut from 50m roll, Parts No. 90890-44373, cutting length 2.075m.

Fig. 4 FLYWHEEL MAGNETO (80W) -'80/'81

25DM S: 006085 and below
L: 305360 and below
LL: 600375 and below

25DE S: 251105 and below
L: 552120 and below
LL: 650205 and below

Ref.No.	Parts No.	Description	Q'ty
1	695-81300-A0	FLYWHEEL MAGNETO ASS'Y (80W)	1
2	695-81350-A0	ROTOR ASS'Y	1
3	695-81309-70	BASE, magneto	1
4	677-81311-F0	COIL, ignition	1
5	97801-05025	SCREW (M5-25mm)	2
6	647-81325-11	CONDENSER	2
7	207-81331-10	LUBRICATOR	2
8	650-81321-10	CONTACT BREAKER ASS'Y	2
9	164-81246-21	SCREW	4
10	695-81315-10	LEAD WIRE ASS'Y	1
11	677-81303-F0	LIGHTING COIL ASS'Y	1
12	97801-05025	SCREW	2
13	648-81362-01	COVER, hole	1
14	648-81365-00	PACKING	1
15	97313-06012	BOLT	3
16	92903-06200	WASHER	3
17	90170-12066	NUT	1
18	90201-12472	WASHER (12.20-260-3.2mm)	1
19	90280-05013	KEY, woodruff	1

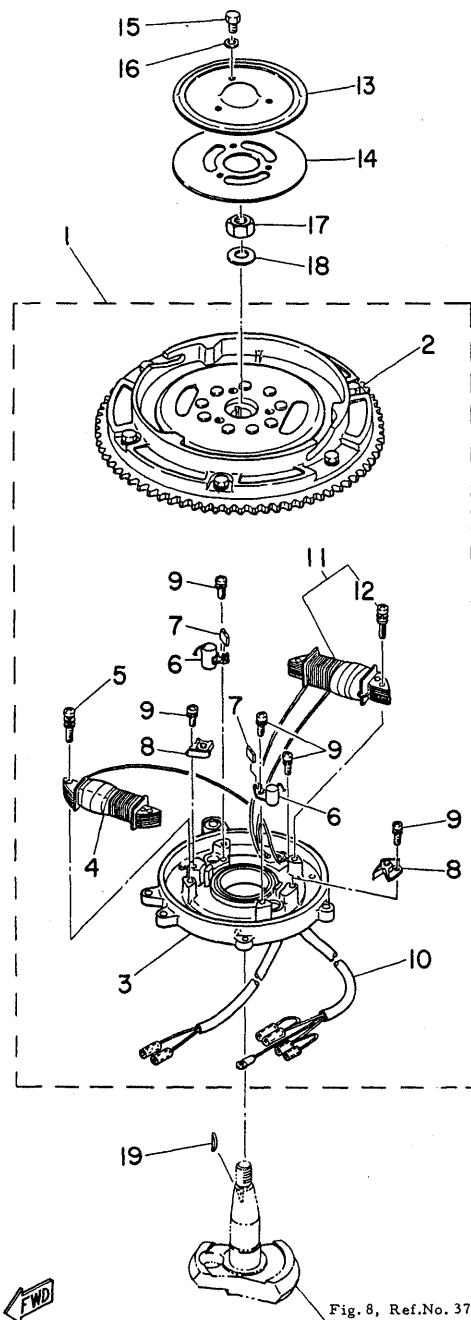
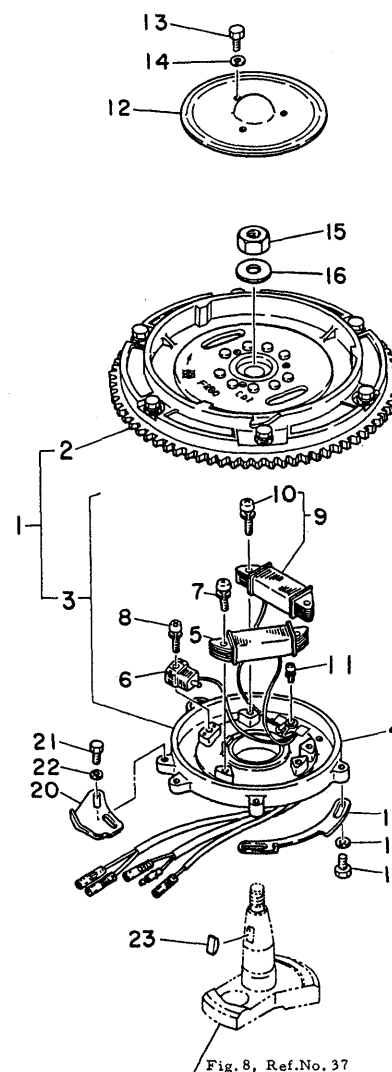


Fig. 5 C.D.I. MAGNETO -'80/'81

25DM S: 006086 and up
L: 305361 and up
LL: 600376 and up

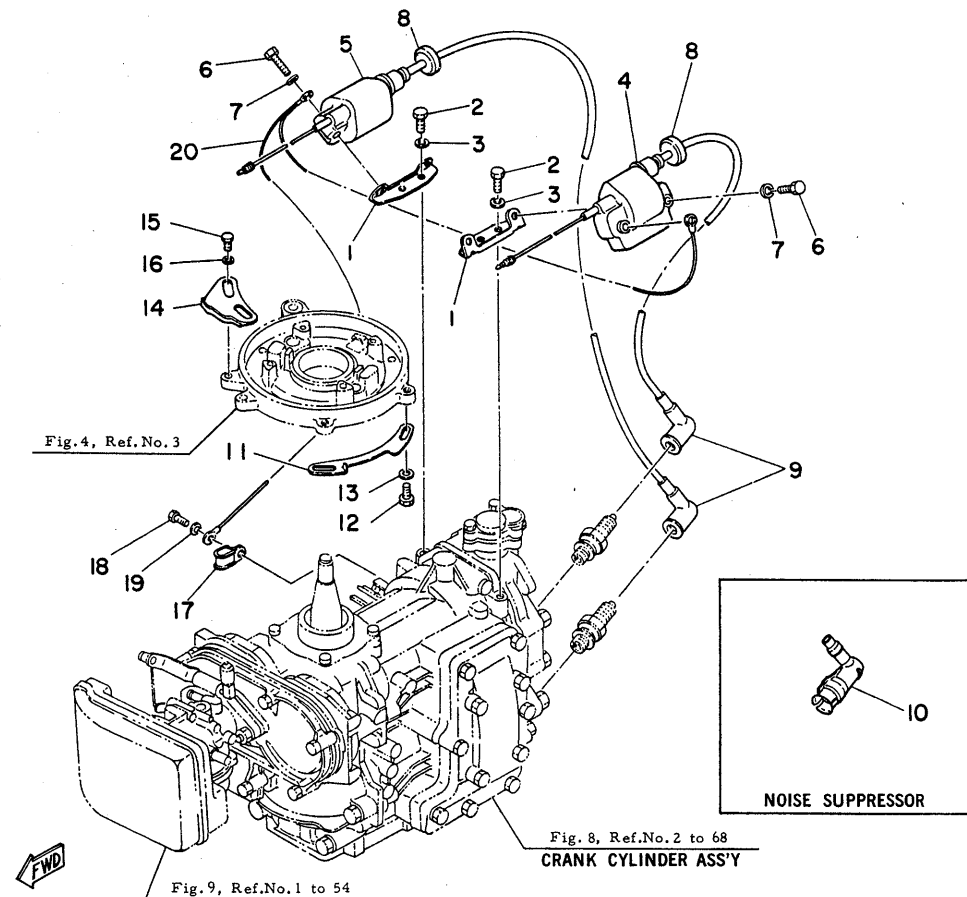
25DE S: 251106 and up
L: 552121 and up
LL: 650206 and up



Ref.No.	Parts No.	Description	Q'ty
1	695-85500-A0	C.D.I. MAGNETO ASS'Y (80W)	1
2	695-85550-40	ROTOR ASS'Y	1
3	695-85560-A0	BASE ASS'Y	1
4	695-85561-70	BASE, magneto	1
5	695-85520-70	CHARGE COIL ASS'Y	1
6	695-85580-70	PULSER COIL ASS'Y	1
7	90159-05039	SCREW, with washer	2
8	90159-05038	SCREW, with washer	1
9	695-81303-A0	LIGHTING COIL ASS'Y (80W)	1
10	90159-05040	SCREW, with washer	2
11	90159-04035	SCREW, with washer	1
12	648-81362-01	COVER, hole	1
13	97313-06012	BOLT	3
14	92903-06200	WASHER	3
15	90170-12066	NUT	1
16	90201-12472	WASHER (12.20-260-3.2mm)	1
17	664-41615-01	STOPPER, magneto base 1	1
18	97313-06012	BOLT	2
19	92903-06200	WASHER	2
20	695-41213-00-94	CAM, accel.	1
21	97313-05010	BOLT	2
22	92903-05600	WASHER	2
23	90280-05013	KEY, woodruff	1
24	90461-06M01	CLAMP	1
25	97313-06010	BOLT	1

Fig. 6 ELECTRIC PARTS -'80/'81

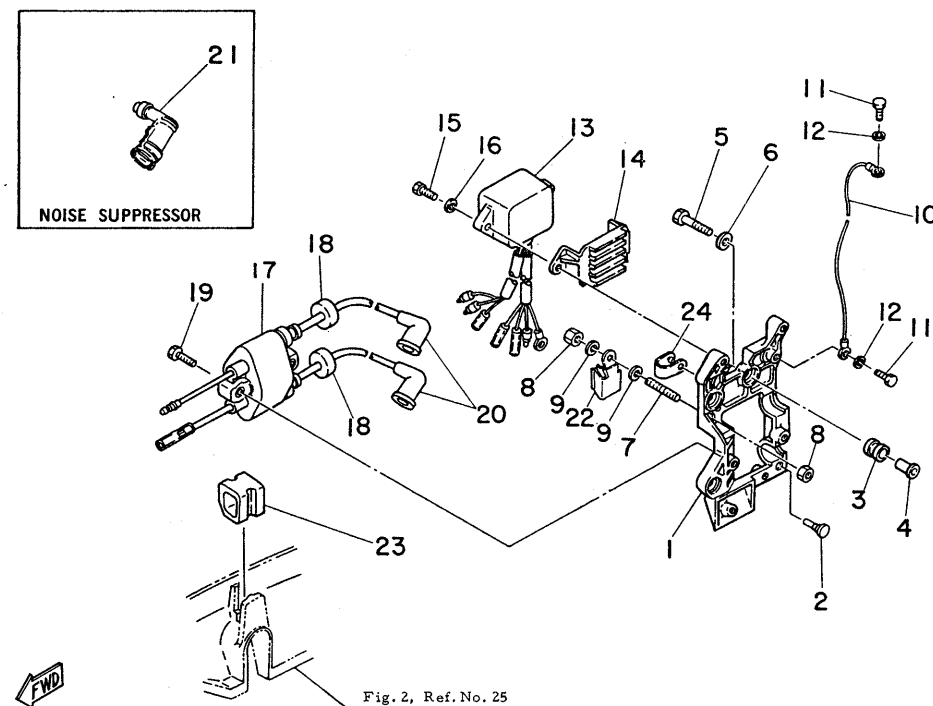
25DM S : 006085 and below 25DE S : 251105 and below
 L : 305360 and below L : 552120 and below
 LL : 600375 and below LL : 650205 and below



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	664-82316-01	BRACKET, ignition coil	2	11	664-41615-01	STOPPER, magneto base 1	1
2	97313-06014	BOLT	4	12	97313-06012	BOLT	2
3	92903-06600	WASHER	4	13	92903-06200	WASHER	2
4	695-82310-10	IGNITION COIL ASS'Y 1	1	14	695-41213-00-94	CAM, accel.	1
5	695-82320-10	IGNITION COIL ASS'Y 2	1	15	97313-05010	BOLT	2
6	97395-06030	BOLT	4	16	92903-05600	WASHER	2
7	92990-06100	WASHER	4	17	90461-06M00	CLAMP	1
8	90480-25161	GROMMET	2	18	97313-06012	BOLT	1
9	663-82370-01	PLUG CAP ASS'Y	2	19	92903-06100	WASHER	1
10	677-82370-00	PLUG CAP ASS'Y (Noise Suppressor)	2	20	695-82519-00	WIRE, earth lead	1

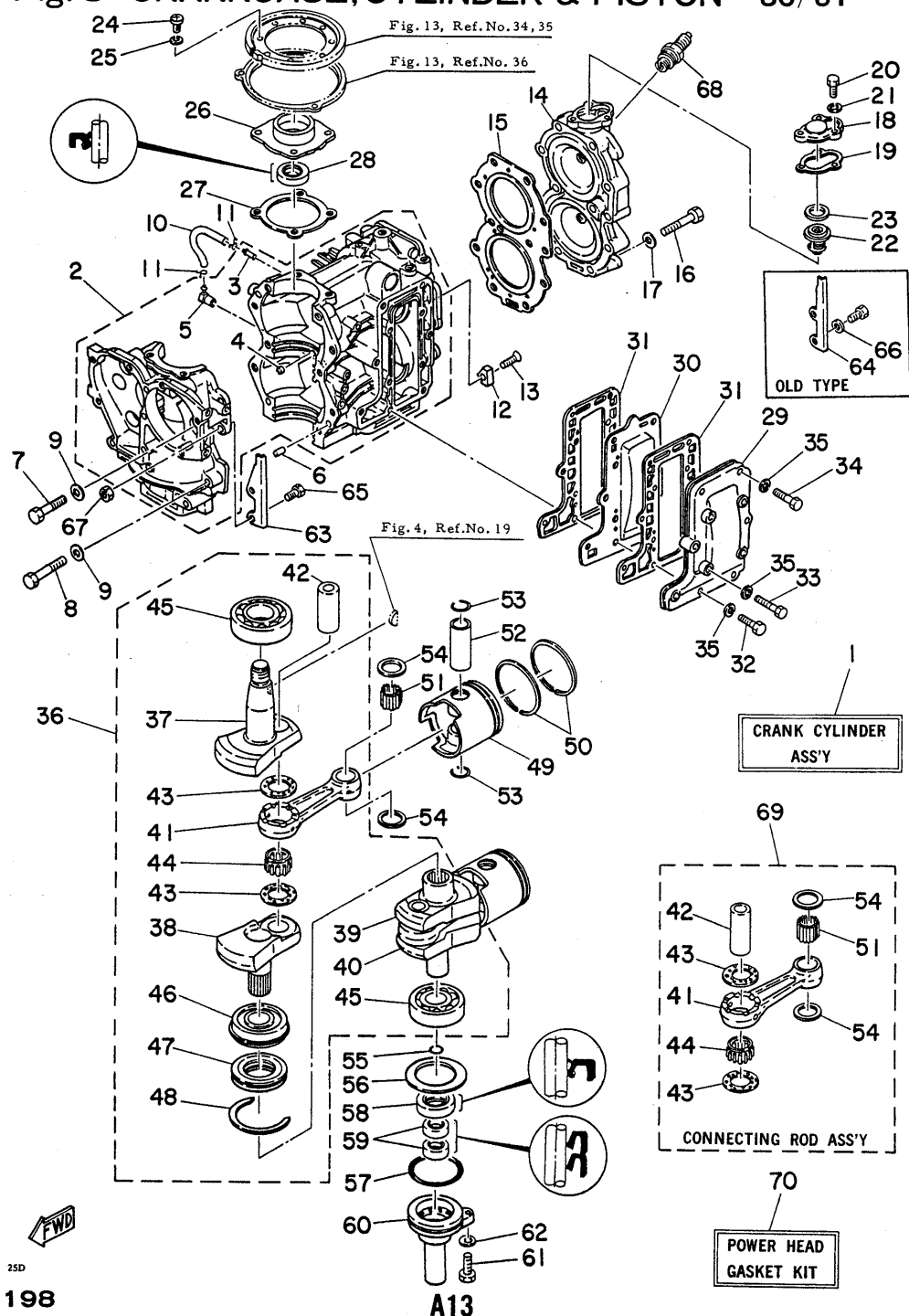
Fig. 7 ELECTRIC PARTS -'80/'81

25DM S : 006086 and up 25DE S : 251106 and up
 L : 305361 and up L : 552121 and up
 LL : 600376 and up LL : 650206 and up



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	695-85542-00-94	BRACKET	1	13	695-85540-10	C.D.I. UNIT ASS'Y	1
2	689-85547-00	DAMPER	1	14	689-85548-01	HOLDER	1
3	663-82317-00	DAMPER	3	15	97313-06025	BOLT	2
4	624-42542-00	PIPE 1	3	16	92903-06600	WASHER	2
5	97313-06025	BOLT	3	17	695-85570-10	IGNITION COIL ASS'Y	1
6	90201-06050	WASHER (6.20-180-1.2mm)	3	18	90480-25161	GROMMET	2
7	90116-06M07	BOLT, stud	1	19	97313-06025	BOLT	2
8	95303-06600	NUT	2	20	663-82370-01	PLUG CAP ASS'Y	2
9	92903-06100	WASHER	4	21	677-82370-00	PLUG CAP ASS'Y (Noise Suppressor)	2
10	689-82519-00	WIRE, earth lead	1	22	90465-08M13	CLAMP	1
11	97313-06012	BOLT	2	23	90480-17M08	GROMMET	1
12	92903-06100	WASHER	2	24	90464-12M00	CLAMP	1

Fig. 8 CRANKCASE, CYLINDER & PISTON '80/'81



CRANKCASE, CYLINDER & PISTON '80/'81

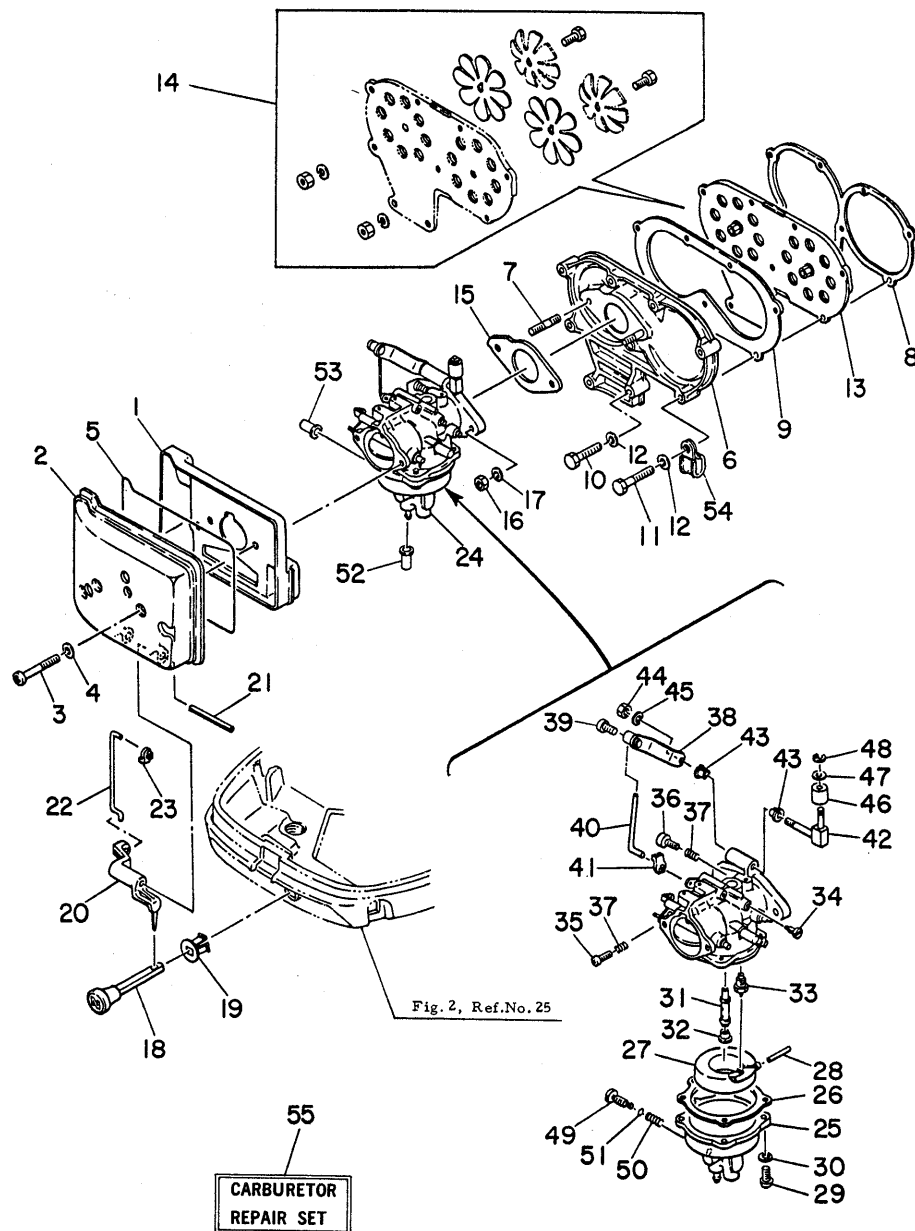
Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
▶ 1 *	695-W0090-81	CRANK CYLINDER ASS'Y (Ref. No. 2 to 68)	1	38	648-11422-01	. CRANK 2	1
▶ *	695-W0090-80	CRANK CYLINDER ASS'Y (Ref. No. 2 to 68)	1	39	648-11432-01	. CRANK 3	1
▶ 2 *	695-15100-01-94	CRANKCASE ASS'Y	1	40	664-11442-01	. CRANK 4	1
▶ *	695-15100-00-94	CRANKCASE ASS'Y	1	41	648-11651-02	. ROD, connecting	2
3	624-14485-00	. PIPE, joint	1	42	648-11681-00	. PIN, crank	2
4	624-11379-00	. VALVE, check	1	43	90209-22071	. WASHER	4
5	650-11370-00	. CHECK VALVE ASS'Y	1	44	93310-522A4	. BEARING, con-rod big end	2
6	93606-07260	PIN, dowel B (60-12mm)	2	45	93306-30510	. BEARING (B6305)	2
7	97313-08045	BOLT	2	46	93390-00009	. BEARING, roller	1
8	97313-08055	BOLT	8	47	656-11515-00	. SEAL, labyrinth	1
9	648-11175-00	WASHER, holding 1	10	48	93440-62057	. CIRCLIP (620 Special)	1
10	90445-07260	HOSE (2.50-70-270mm)	1	49	664-11631-80-96	PISTON (Standard 66.96mm)	} U.R. 2
11	90467-06016	CLIP	2		664-11631-80-97	PISTON (Standard 66.97mm)	
12	689-11325-00	ANODE	1		664-11631-80-98	PISTON (Standard 66.98mm)	} U.R. 2
13 *	92780-06020	SCREW, flathead	1	*	664-11635-80	PISTON (Over Size 67.25mm)	2
14 *	92780-06020	SCREW, flathead	1	*	664-11636-80	PISTON (Over Size 67.50mm)	2
15	695-11111-01-94	HEAD, cylinder	1	50	664-11610-80	PISTON RING SET (Standard)	25
16	695-11111-00-94	HEAD, cylinder	1	*	664-11610-40	PISTON RING SET (Over Size 67.25mm)	25
17	664-11181-00	GASKET, cylinder head	1	*	664-11610-50	PISTON RING SET (Over Size 67.50mm)	25
18	97313-08050	BOLT	11	51	93602-20M02	BEARING, con-rod small end	62
19	648-11175-00	WASHER, holding 1	11	52	648-11633-00	PIN, piston	2
20	655-12413-01-94	COVER, thermostat	1	53	93450-20026	CLIP, piston.pin	4
21	655-12414-00	GASKET, cover	1	54	90201-18522	WASHER (18.20- 21.50-1.2mm)	4
22	97313-06020	BOLT	3	55	93210-16275	O-RING (2.40-15.80)	1
23	92903-06100	WASHER	3	56	90201-50306	WASHER (500-660-1.5mm)	1
24	656-12411-01	THERMOSTAT	1	57	93210-58M21	O-RING (30-57.20)	1
25	90201-21567	WASHER (21.50-27.50-2mm)	1	58	93102-25M04	OIL SEAL (SD-240-480-8mm)	1
26	97313-06020	BOLT	4	59	93104-16M01	OIL SEAL (SD-150-300-5mm)	2
27	92503-06020	SCREW, panhead	4	60 *	689-15396-00-9M	HOUSING, oil seal 2	1
28	92903-06600	WASHER	4	*	689-15396-00-94	HOUSING, oil seal 2	1
29	92903-06100	WASHER	4	61 *	97395-06025	BOLT	1
30	664-15359-01-94	HOUSING, oil seal 1	1	*	97375-06025	BOLT	1
31	664-15369-00	GASKET, oil seal housing	1	62	92990-06600	WASHER	1
32	93102-23096	OIL SEAL (SD-230-380-7mm)	1	63 *	695-41616-00	STOPPER, magneto base 2	1
33	664-41113-00-94	OUTER COVER, exhaust	1	64	648-41616-00	STOPPER, magneto base 2	1
34	664-41111-00	INNER COVER, exhaust	1	65	97313-06020	BOLT	2
35	664-41114-00	GASKET, exhaust cover	2	66	92903-06100	WASHER	2
36	90101-06M10	BOLT	1	67	95303-06600	NUT	2
37	90101-06M12	BOLT	6	68	94701-00040	PLUG, spark (8-7HS) NGK	2
38	90101-06M13	BOLT	4	69	648-11650-01	CONNECTING ROD ASS'Y	2
39	92903-06100	WASHER	11	70	695-W0001-00	POWER HEAD GASKET KIT	1
40	664-11400-01	CRANK ASS'Y	1				
41	648-11412-01	. CRANK 1	1				

25DM S: 000808 and below
 L: 305360 and below
 LL: 600375 and below
 25DE S: 251105 and below
 L: 552120 and below
 LL: 650205 and below
 25DM S: 000808 and up
 L: 305381 and up
 LL: 600376 and up
 25DE S: 251106 and up
 L: 552121 and up
 LL: 650206 and up

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

Fig. 9 INTAKE -'80/'81

INTAKE -'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	695-14417-00	COVER 1	1	30	92990-04100	WASHER	4
2	* 695-14418-01	COVER 2	1	31	648-14341-00	NOZZLE, main (3.00)	1
3	* 695-14418-00	COVER 2	1	32	648-14343-70	JET, main (#140)	1
4	97803-05030	SCREW, panhead	2	33	648-14390-14	VALVE SEAT ASS'Y (1.40)	1
5	92903-05600	WASHER	2	34	648-14342-30	JET, pilot (#60)	1
6	695-14476-00	SEAL	1	35	648-14321-00	SCREW, throttle	1
7	648-13641-01-94	MANIFOLD, intake	1	36	647-14323-00	SCREW, air adjusting	1
8	90116-06M08	BOLT, stud	2	37	648-14334-00	SPRING, air adjusting	2
9	648-13621-00	PACKING, valve seat	1	38	648-41210-01	ACCEL. ARM ASS'Y	1
10	648-13645-00	GASKET, intake manifold	1	39	664-14327-00	SCREW	1
11	97313-06025	BOLT	2	40	656-41241-00	ROD	1
12	97313-06035	BOLT	7	41	661-41262-02	JOINT, choke lever	1
13	92903-06600	WASHER	9	42	689-41216-00	SHEAVE SHAFT, accel. link	1
14	689-13610-00	REED VALVE ASS'Y	1	43	90386-05002	BUSHING	2
15	689-W0004-00	REED SET	15	44	95303-05700	NUT	1
16	648-14198-00	GASKET	1	45	92990-05100	WASHER	1
17	95303-06600	NUT	2	46	664-41231-00	COLLAR, guide pin	1
18	92903-06600	WASHER	2	47	92990-05200	WASHER	1
19	682-41271-00	KNOB, choke 1	1	48	93430-04031	CIRCLIP (E-40)	1
20	689-41273-00	GROMMET 1	1	49	646-14394-00	VALVE, drain	1
21	689-41252-00	LEVER, choke	1	50	646-14223-01	SPRING, drain valve	1
22	91690-40048	PIN, spring	1	51	646-14397-00	O-RING	1
23	695-41256-00	ROD, choke link	1	52	648-14382-60	CAP, drain pipe	1
24	661-41262-02	JOINT, choke lever	1	53	647-14395-60	CAP, over flow pipe	1
25	695-14301-80	CARBURETOR ASS'Y	1	54	90461-06015	CLAMP	1
26	664-14381-00	BODY, float chamber	1	55	689-W0093-00	CARBURETOR REPAIR SET	15
27	648-14384-01	GASKET, float chamber	1				
28	648-14385-00	FLOAT	1				
29	648-14386-00	PIN, float	1				
30	98503-04012	SCREW, panhead	4				

250M S: 006086 and below
L: 305360 and below
LL: 600376 and below

250E S: 251105 and below
L: 552120 and below
LL: 650205 and below

250M S: 006086 and up
L: 305361 and up
LL: 600376 and up

250E S: 251106 and up
L: 552121 and up
LL: 650206 and up

* New parts number

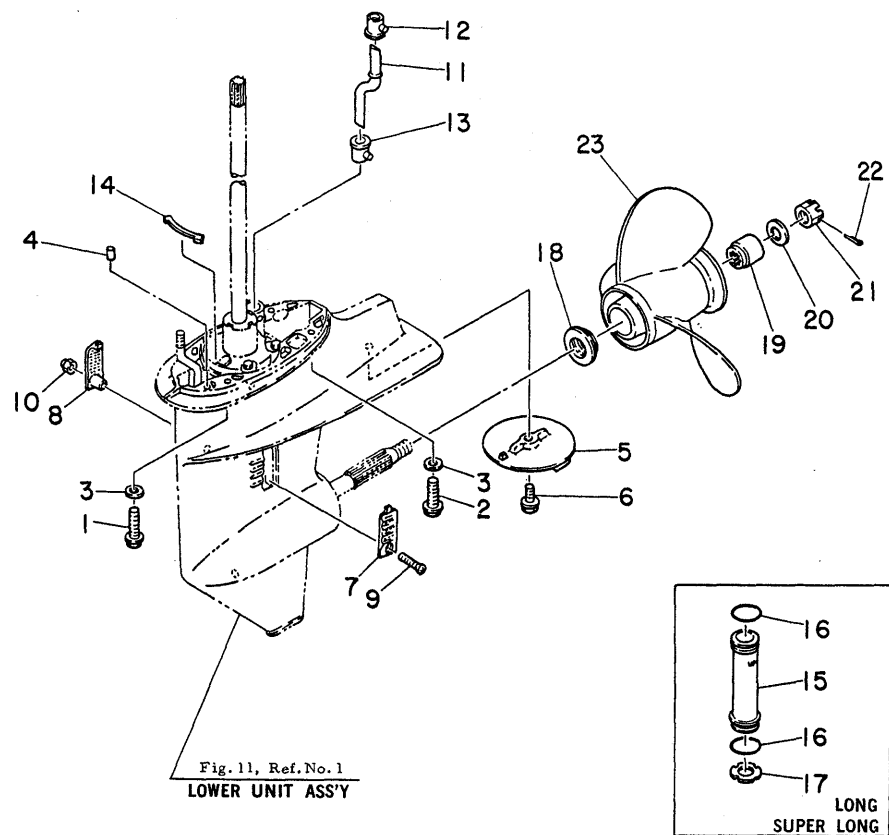
* Not shown

■ Contents of power head gasket kit (Parts No. 695-W0001-00)

✦ Contents of carburetor repair set

Fig. 10 LOWER & DRIVE I -'80/'81

LOWER & DRIVE I -'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
▽ 1	90105-10059	BOLT	2	16	93210-26240	O-RING (2.48-25.88)	
△ *	90105-10059	BOLT	4			(Long, Super Long)	2
▽ 2 *	90105-10M12	BOLT	2	17	689-44328-00	PLATE (Long, Super Long)	1
3	92990-10600	WASHER	4	18	664-45987-00	SPACER 1	1
4	93606-12019	PIN, dowel B (60-12mm)	2	19	689-45997-00	SPACER 2	1
				20	92990-14200	WASHER	1
5	664-45371-01	TAB-TRIM	1				
6	97475-08020	BOLT	1	21	90171-14013	NUT, castle	1
▽ 7 *	689-45214-00	COVER, water inlet 1	1	22	91490-30022	PIN, cotter	1
△ *	664-45214-00	COVER, water inlet 1	1	23	664-45941-01-36	PROPELLER ASS'Y 1 (3X9 1/4"X9"-F)	U.R. 1
▽ 8 *	689-45215-00	COVER, water inlet 2	1		664-45943-01-36	PROPELLER ASS'Y 2 (3X9 1/4"X8"-F)	
					664-45945-00-36	PROPELLER ASS'Y 3 (3X9 1/4"X10 1/4"-F)	
△ *	664-45215-00	COVER, water inlet 2	1		664-45947-01-36	PROPELLER ASS'Y 4 (3X9 1/4"X11 1/4"-F)	
9	98180-05025	SCREW, ovalhead	1		664-45949-00-36	PROPELLER ASS'Y 5 (3X9 1/4"X13"-F)	
10	90185-05002	NUT, self-locking	1		664-45952-00-36	PROPELLER ASS'Y 6 (3X9 1/4"X14"-F)	
11	664-44361-00	TUBE, water 1 (Short 113mm)	1				
*	689-44361-10	TUBE, water 1 (Long 197mm)	1				
*	689-44361-20	TUBE, water 1 (Super Long 245mm)	1				
▲ 12	689-44366-00	RUBBER, water seal 2	1				
★ 13	626-44365-01	RUBBER, water seal 1	1				
14	689-44314-00	SPACER	1				
15	689-44362-00-94	TUBE, water 2 (Long, Super Long)	1				

△ 25DM S: 005055 and below
L: 304170 and below
LL: 600308 and below

25DE S: 250980 and below
L: 551730 and below
LL: 650205 and below

▽ 25DM S: 005058 and up
L: 304171 and up
LL: 600306 and up

25DE S: 250981 and up
L: 551731 and up
LL: 650206 and up

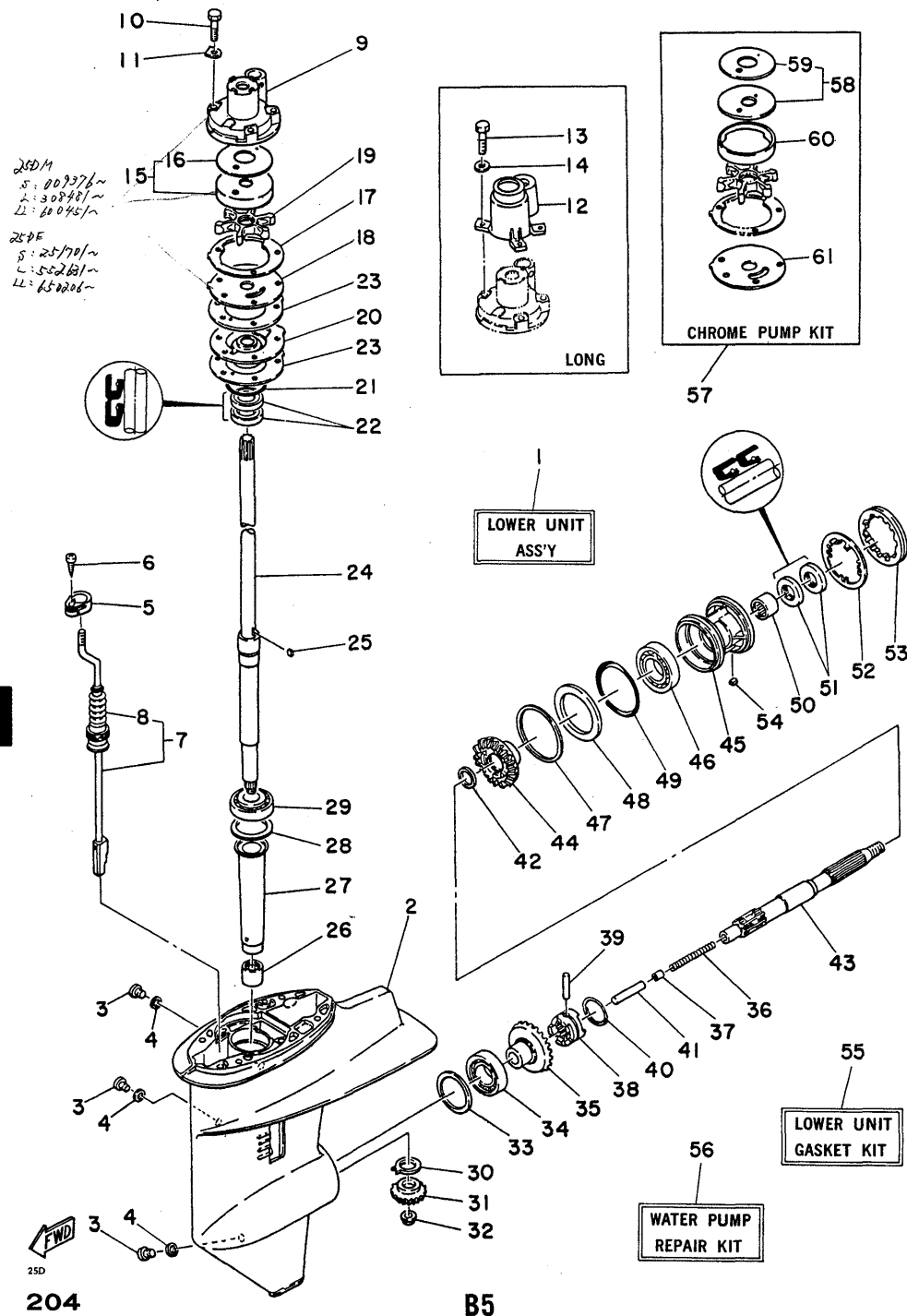
* New parts number

* Not shown

▲ Contents of lower unit gasket kit (Parts No. 689-W0001-20)

★ Contents of water pump repair kit (Parts No. 689-W0078-02)

Fig. 11 LOWER & DRIVE 2 -'80/'81



LOWER & DRIVE 2 -'80/'81

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	689-45300-00-F6	LOWER UNIT ASS'Y (Short) (Ref. No. 2 to 11, 15 to 54)	1	30	664-45552-00	BEARING, plain	1
※	689-45300-10-F6	LOWER UNIT ASS'Y (Long) (Ref. No. 2 to 9, 12 to 54)	1	31	689-45551-00	PINION (13T)	1
2	689-45311-00-F6	CASING, lower	1	32	90179-09M02	NUT	1
3	90340-08014	PLUG, straight	3	33	664-45567-00-05	SHIM 1 (420-51.50-0.05mm)	} U.R.
▲ 4	90430-08020	GASKET	3		664-45567-00-08	SHIM 1 (420-51.50-0.08mm)	
5	689-44176-00	BRACKET	1		664-45567-00-12	SHIM 1 (420-51.50-0.12mm)	
6	97780-50110	SCREW, panhead tapping	1		664-45567-00-30	SHIM 1 (420-51.50-0.30mm)	
7	664-44150-01	SHIFT CAM ASS'Y (Short 311mm)	1		664-45567-00-50	SHIM 1 (420-51.50-0.50mm)	} U.R.
※	664-44150-11	SHIFT CAM ASS'Y (Long 438mm)	1	34	93332-00005	BEARING, taper roller	1
※	664-44150-21	SHIFT CAM ASS'Y (Super Long 486mm)	1	35	689-45560-00	GEAR 1 ASS'Y (24T)	1
8	664-44147-00	. BOOT, shift rod	1	36	90501-10065	SPRING, compression	1
★ 9	689-44311-00	HOUSING, water pump	1	37	648-45634-00	SLIDE, shift	1
★ 10	90101-06M56	BOLT	3	38	664-45631-00	CLUTCH, dog	1
11	90209-06M04	WASHER	3	39	90250-05010	PIN, straight	1
12 *	689-44312-00-9M	COVER, water pump housing (Long)	1	40	648-45633-00	RING, cross pin	1
※	689-44312-00-94	COVER, water pump housing (Long)	1	41	648-45635-00	PLUNGER, shift	1
13 *	97395-06035	BOLT (Long)	3	42	90201-20417	WASHER (200-24.50-1.5mm)	1
※	97375-06035	BOLT (Long)	3	43	689-45611-00	SHAFT, propeller	1
14	92990-06600	WASHER (Long)	3	44	689-45571-00	GEAR 2 (24T)	1
★ 15	689-W4432-00	INSERT CARTRIDGE COMP.	1	45	689-45331-00-94	HOUSING, bearing 1	1
★ 16 *	689-44367-00	. RUBBER, water seal 3	1	46	93306-00606	BEARING (B6006)	1
★ 17	689-44323-00	OUTER PLATE, cartridge	1	47	664-45577-00-05	SHIM 2 (640-67.40-0.05mm)	} U.R.
▲ ★ 18	689-44324-00	GASKET, cartridge	1		664-45577-00-08	SHIM 2 (640-67.40-0.08mm)	
★ 19	689-44352-00	IMPELLER	1		664-45577-00-12	SHIM 2 (640-67.40-0.12mm)	
20	689-44325-00-94	PROTECTOR, oil seal	1		664-45577-00-30	SHIM 2 (640-67.40-0.30mm)	
▲ 21	93210-40M10	O-RING (2.40-39.70)	1		664-45577-00-50	SHIM 2 (640-67.40-0.50mm)	} U.R.
▲ 22	93101-22067	OIL SEAL (S-220-360-6mm)	2	48	664-45576-00	WASHER, thrust 2 (490-670-4mm)	U.R.
▲ ★ 23	689-44319-00	GASKET, water pump 1	2	▲ 49	93210-60M17	O-RING (3.90-59.60)	1
24	689-45501-00	DRIVE SHAFT COMP. (Short 655.5mm)	1	50	93315-22004	BEARING, needle	1
※	689-45501-10	DRIVE SHAFT COMP. (Long 782.5mm)	1	▲ 51	93101-20M07	OIL SEAL (S-18.50-340-6.5mm)	2
※	689-45501-20	DRIVE SHAFT COMP. (Super Long 830.5mm)	1	52	90214-45M00	WASHER, claw	1
★ 25	664-44338-00	KEY, woodruff	1	53	664-45384-00	NUT	1
26	93315-01704	BEARING, needle	1	54	90282-04010	KEY, straight	1
27	689-45536-00	SLEEVE, drive shaft	1	▲ 55	689-W0001-20	LOWER UNIT GASKET KIT	1
28	664-45587-00-05	SHIM 3 (360-41.50-0.05mm)	} U.R.	★ 56 *	689-W0078-02	WATER PUMP REPAIR KIT	1
	664-45587-00-08	SHIM 3 (360-41.50-0.08mm)		★ ※	689-W0078-01	WATER PUMP REPAIR KIT	1
	664-45587-00-12	SHIM 3 (360-41.50-0.12mm)		★ ※	689-W0078-00	WATER PUMP REPAIR KIT	1
	664-45587-00-30	SHIM 3 (360-41.50-0.30mm)					
	664-45587-00-50	SHIM 3 (360-41.50-0.50mm)	} U.R.				
29	93332-00004	BEARING, taper roller	1				

* New parts number

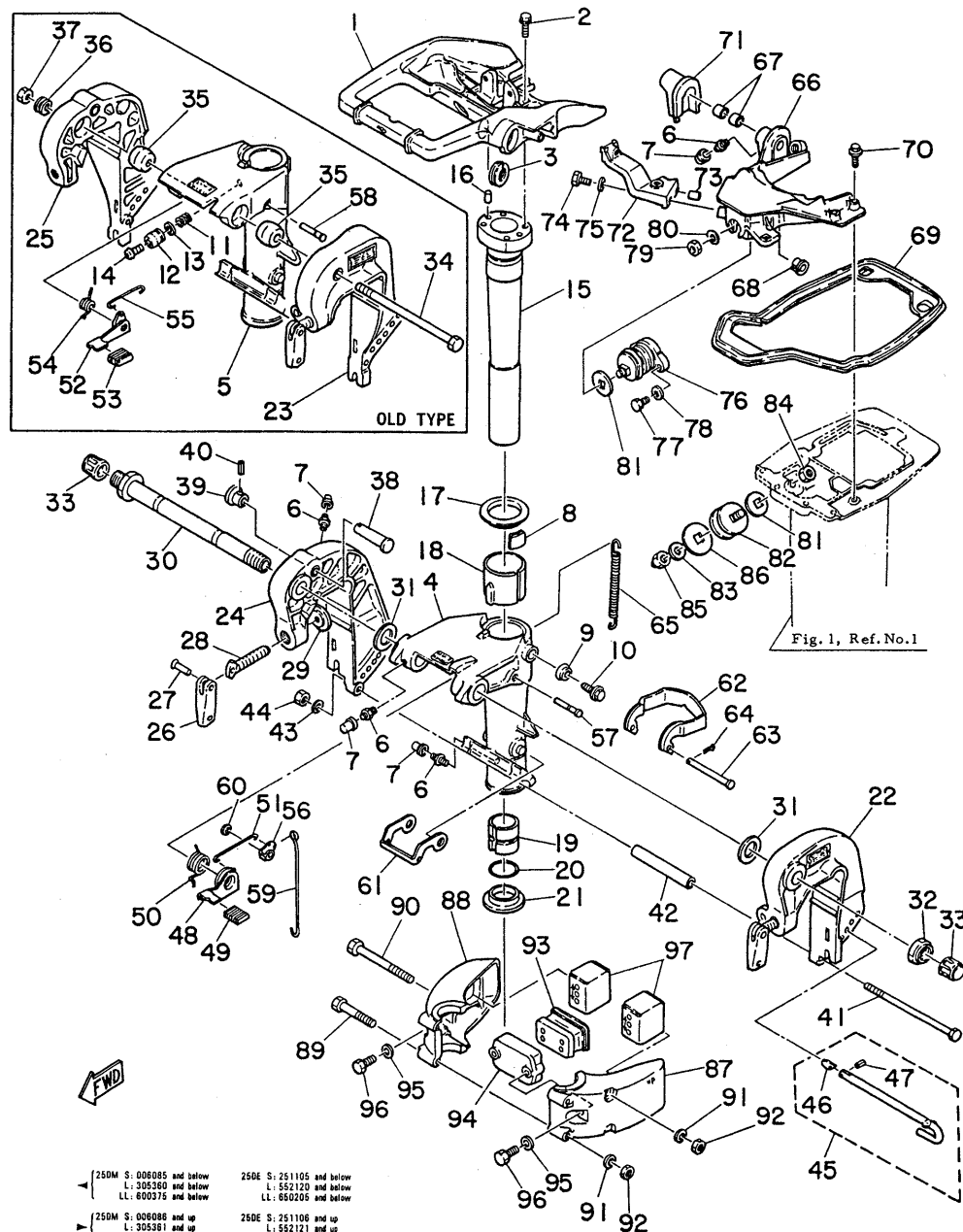
※ Not shown

▲ Contents of lower unit gasket kit

★ Contents of water pump repair kit

☆ Contents of chrome pump kit

Fig. 12 BRACKET '80/'81



25DM S: 006085 and below
L: 305360 and below
LL: 800375 and below

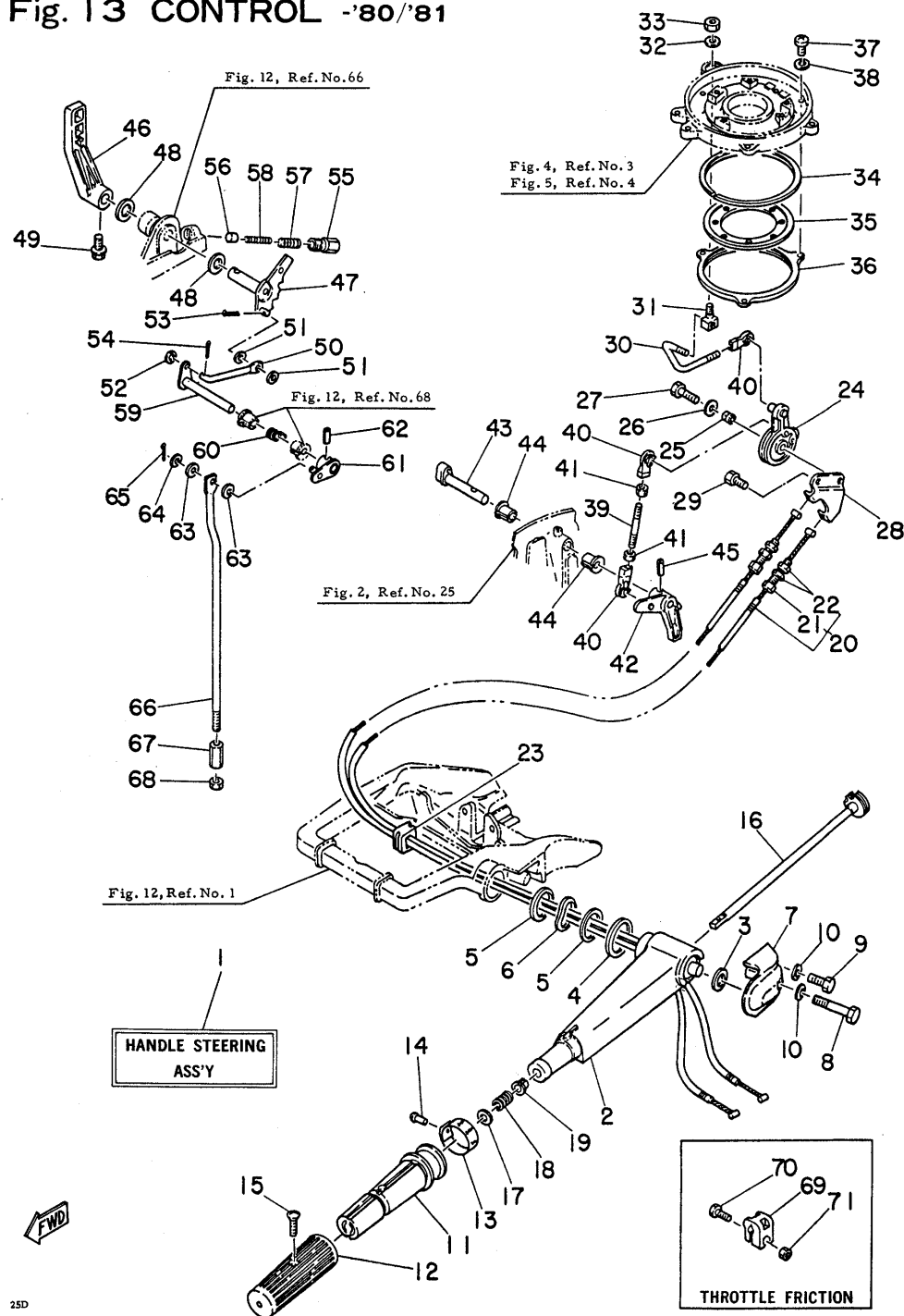
25DE S: 251105 and below
L: 552120 and below
LL: 850205 and below

* New parts number
* Not shown

BRACKET '80/'81

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	656-42511-01-F6	BRACKET, steering	1	50	* 689-43643-00	SPRING, torsion	1 B
2	90105-06M07	BOLT	4	51	* 689-43616-00	ROD, tilt lock 1	1 B
3	90480-29045	GROMMET	1	52	656-43631-00	LEVER, tilt 1	1 B
4	* 689-43311-01-F6	BRACKET, swivel	1	53	648-43633-00	COVER, tilt lever 1	1 B
5	689-43311-00-F6	BRACKET, swivel	1	54	90508-16018	SPRING, torsion	1 B
6	93700-06004	NIPPLE, grease	5	55	648-43616-00	ROD, tilt lock 1	1 B
7	93700-06004	NIPPLE, grease	3	56	* 648-43642-00	LEVER, tilt 2	1 B
8	663-45119-00	CAP, grease nipple	5	57	* 90249-06M10	PIN	1
9	663-45119-00	CAP, grease nipple	3	58	90249-06120	PIN	1
10	648-42528-00	PIECE, friction	1	59	648-43617-00	ROD, tilt lock 2	1
11	* 689-43373-01	SEAL, rubber	1 B	60	93430-05027	CIRCLIP (E-50)	1
12	* 90105-06M18	BOLT	1 B	61	689-43614-00	PLATE, tilt lock 1	1
13	90501-16099	SPRING, compression	1 B	62	648-43615-00	PLATE, tilt lock 2	1
14	689-43373-00	SEAL, rubber	1 B	63	90240-05046	PIN, with hole	1
15	92990-08600	WASHER	1 B	64	91490-16010	PIN, cotter	1
16	90149-08005	SCREW	1 B	65	90506-30055	SPRING, tension	1
17	689-42521-00-94	SHAFT, steering pivot	1	66	* 648-44508-01-9M	BRACKET COMP. 1	1
18	93608-12063	PIN, dowel B (89-12mm)	2	67	* 648-44508-01-94	BRACKET COMP. 1	1
19	90209-47016	WASHER	1	68	90380-12012	BUSHING, solid	2
20	90386-47M22	BUSHING	1	69	90386-10004	BUSHING, solid	2
21	90386-38022	BUSHING	1	70	689-42716-00	SEAL, rubber 1	1
22	93210-37160	O-RING (2.50-370)	1	71	90105-06M08	BOLT	4
23	90386-38090	BUSHING	1	72	689-42718-00	SEAL, rubber 3	1
24	* 689-43111-01-F6	BRACKET, clamp 1	1	73	648-44519-00-94	BRACKET 2	1
25	689-43111-00-F6	BRACKET, clamp 1	1	74	93606-12019	PIN, dowel B (60-12mm)	1
26	* 689-43112-01-F6	BRACKET, clamp 2	1	75	* 97395-06018	BOLT	1
27	689-43112-00-F6	BRACKET, clamp 2	1	76	* 97375-06018	BOLT	1
28	616-43118-00-F6	HANDLE, transom clamp	2	77	92990-06600	WASHER	1
29	90243-04001	PIN	2	78	689-44516-00	MOUNT RUBBER, upper front	1
30	* 90149-14030	SCREW	2	79	* 97395-06020	BOLT	2
31	* 648-43116-01	SCREW	2	80	* 97375-06020	BOLT	2
32	648-43114-01	PAD, transom clamp	2	81	92990-06600	WASHER	2
33	* 689-43131-00	BOLT	1 B	82	92880-10200	NUT	1
34	* 90201-22428	WASHER (22.50-370-0.5mm)	2 B	83	92990-10200	WASHER	1
35	* 90185-22043	NUT, self-locking	1 B	84	648-44591-00	GASKET, mount rubber 1	3
36	* 663-43145-00	CAP, clamp bracket	2 B	85	664-44514-00	MOUNT RUBBER, upper side	2
37	90101-10M54	BOLT	1 B	86	92990-10200	WASHER	2
38	648-43136-00	PIECE, friction	2 B	87	92880-10200	NUT	2
39	90504-59006	SPRING, compression	1 B	88	92890-10700	NUT, crown	2
40	95380-10600	NUT	1 B	89	664-44591-00	GASKET, mount rubber 1	2
41	689-43191-00	SHAFT, stopper	1	90	689-44551-00-F6	HOUSING, lower mount rubber 1	1
42	689-43192-00	KNOB, stopper	1	91	689-44552-00-F6	HOUSING, lower mount rubber 2	1
43	91690-30016	PIN, spring	1	92	* 97395-08065	BOLT	2
44	90101-08339	BOLT	1	93	* 97375-08065	BOLT	2
45	90387-09074	COLLAR (9.20-13.80-103mm)	1	94	* 97395-08100	BOLT	2
46	92990-08600	WASHER	1	95	* 97375-08100	BOLT	2
47	95380-08600	NUT	1	96	92990-08600	WASHER	4
48	* 682-43160-01	TILT ROD ASS'Y	1	97	95380-08600	NUT	4
49	* 682-43165-01	TILT ROD ASS'Y	1	98	689-44557-00	MOUNT RUBBER, lower front	1
50	656-43165-01	STOPPER PLATE	1	99	689-44553-00-94	COVER, lower mount	1
51	91690-30008	PIN, spring	1	100	92990-08600	WASHER	2
52	* 689-43631-00	LEVER, tilt 1	1 B	101	97375-08025	BOLT	2
53	* 689-43633-00	COVER, tilt lever 1	1 B	102	689-44555-00	MOUNT RUBBER, lower side	2

Fig. 13 CONTROL -'80/'81



CONTROL -'80/'81

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	695-W0084-00-F6	HANDLE STEERING ASS'Y (Ref. No. 2, 11 to 23)	1	38 *	92903-05600	WASHER	3
2	689-42111-00-F6	HANDLE, steering 1	1	*	92903-05100	WASHER	3
3	90560-14076	SPACER	1	39	90116-05220	BOLT, stud	1
4	90202-34043	WASHER (340-420-1.5mm)	1	40	662-41237-01	JOINT, link 2	3
5	90201-28M28	WASHER (280-33.50-1.2mm)	2	41	95303-05600	NUT	2
6	90206-28M07	WASHER, wave (280-33.50-1.2mm)	1	42	695-42154-00-94	LEVER, throttle control	1
7	689-42112-00-F6	HANDLE, steering 2	1	43	656-42153-00-94	SHAFT, throttle control	1
8 *	97395-06050	BOLT	1	44	90386-10009	BUSHING	2
*	97375-06050	BOLT	1	45	91690-40018	PIN, spring	1
9 *	97395-06020	BOLT	1	46	689-44111-00-F6	HANDLE, gear shift	1
*	97375-06020	BOLT	1	47	664-44113-01	CAM PLATE, handle	1
10	92990-06600	WASHER	2	48	90202-12031	WASHER (12.20-240-0.7mm)	2
11	664-42119-00	GRIP, steering handle	1	49	90105-06M07	BOLT	1
12	689-42177-00	RUBBER, handle	1	50	664-44142-00	JOINT	1
13 *	695-42137-01	INDICATOR, throttle	1	51	90202-06007	WASHER (60-130-0.5mm)	2
*	695-42137-00	INDICATOR, throttle	1	52	92990-05600	WASHER	1
14	90269-02001	RIVET	1	53 *	91490-16010	PIN, cotter	1
15	98180-05025	SCREW, ovalhead	1	*	91490-16010	PIN, cotter	2
16	689-42138-00	LEVER, throttle	1	54 *	91490-12010	PIN, cotter	1
17	92903-10600	WASHER	1	55	664-42715-00	BUSHING 2	1
18	90501-23215	SPRING, compression	1	56	664-44167-00	PLUNGER, shift cam	1
19	90386-08032	BUSHING	1	57	90501-14M07	SPRING, compression	1
20	689-26311-00	THROTTLE WIRE COMP.	2	58	90501-09M08	SPRING, compression	1
21	90123-06065	BOLT, wire adjusting	2	59	689-44121-00	LEVER, shift rod 1	1
22	90170-06183	NUT	4	60	90508-14222	SPRING, torsion	1
23	90480-12156	GROMMET	1	61	689-44125-00	LEVER, shift rod 2	1
24	664-41631-00-94	LEVER, magneto control	1	62	91690-40016	PIN, spring	1
25	90387-06M02	COLLAR (6.30-100-10.5mm)	1	63	90202-06007	WASHER (60-130-0.5mm)	2
26	90387-06298	COLLAR (6.50-170-1.6mm)	1	64	92990-05600	WASHER	1
27	97313-06025	BOLT	1	65	91490-20010	PIN, cotter	1
28	664-14497-00	STAY, throttle wire	1	66	664-44143-00	ROD, shift 1	1
29	97313-06012	BOLT	1	67	648-44146-00	CONNECTOR, shift rod 2	1
30	664-41636-00	ROD, magneto control	1	68	90170-07021	NUT	1
31	648-41635-00	SHAFT, link connecting	1	THROTTLE FRICTION			
32	90201-05556	WASHER (5.20-150-2mm)	1	69	656-42126-01	PIECE, friction	1
33	95303-05600	NUT	1	70 *	97395-06020	BOLT	1
34	695-41613-00	PLATE, base friction	1	*	97375-06020	BOLT	1
35	695-41611-00-94	RETAINER, magneto base 1	1	71	90185-06062	NUT, self-locking	1
36	695-41612-00	RETAINER, magneto base 2	1				
37	97803-05010	SCREW, panhead	3				

* New parts number
* Not shown

25DM S: 006085 and below
L: 305360 and below
LL: 600375 and below

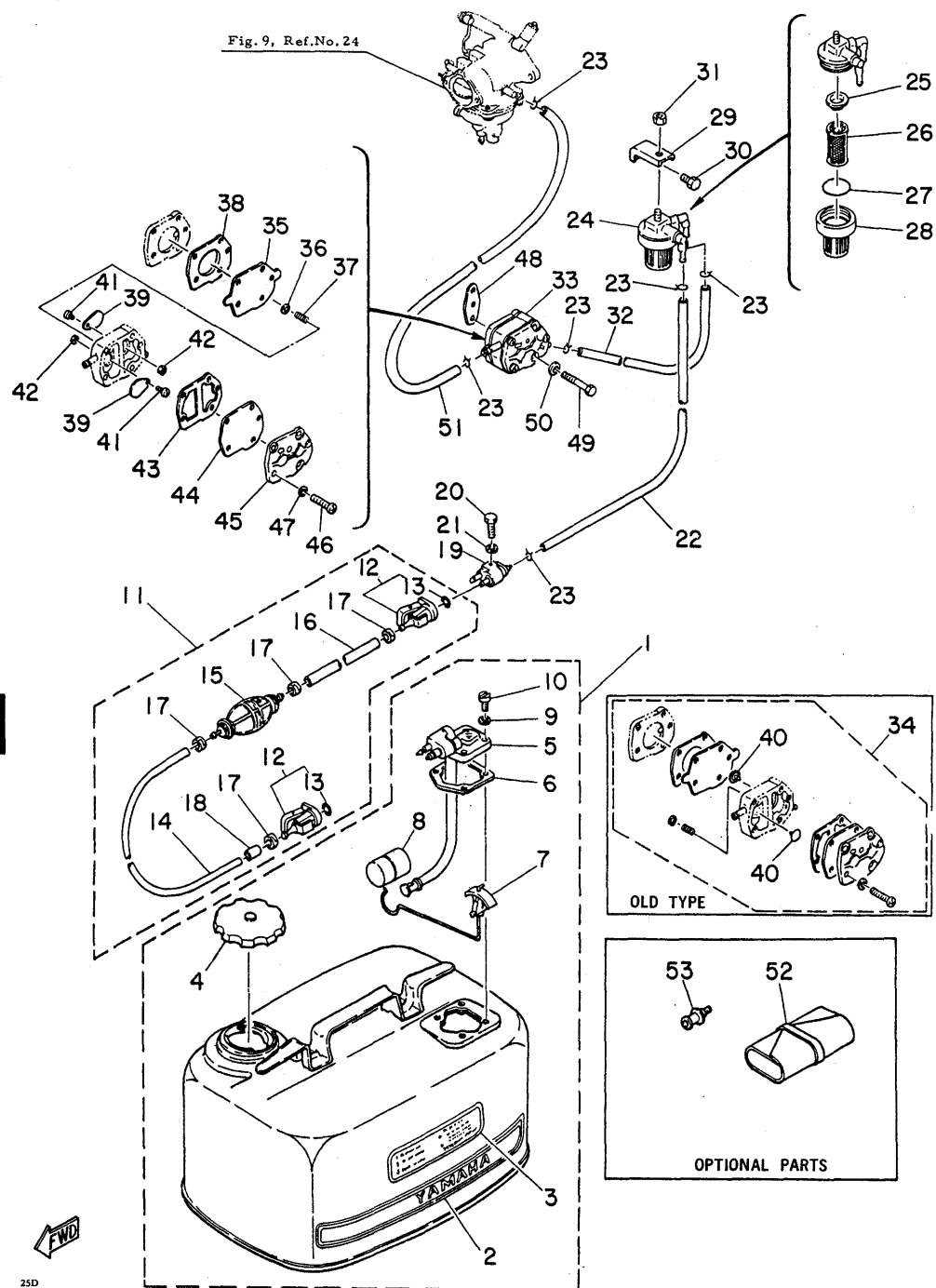
25DE S: 251105 and below
L: 552120 and below
LL: 650205 and below

25DM S: 006086 and up
L: 305361 and up
LL: 600376 and up

25DE S: 251106 and up
L: 552121 and up
LL: 650206 and up

Fig. 14 FUEL SECTION -'80/'81

FUEL SECTION -'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	664-24202-80-24	FUEL TANK ASS'Y	1	31	95303-08600	NUT	1
2	663-24244-00	. GRAPHIC, side	2	32	664-24311-00	HOSE (50-90-115mm)	1
3	663-24245-80	. GRAPHIC	1	33 *	6A0-24410-00	FUEL PUMP ASS'Y	1 } A
4	802-24610-00	. CAP ASS'Y	1	34	679-24410-01	FUEL PUMP ASS'Y	1 }
5	656-24275-03	. FUEL METER COMP.	1	35	648-24411-00	. DIAPHRAGM, pump	1
6	663-24268-00	. GASKET, fuel meter housing	1	36	648-24424-00	. PLATE, spring guide	1
7	656-24241-03	. INDICATOR	1	37	648-24423-00	. SPRING, pump diaphragm	1
8	663-24264-00	. FLOAT	1	38	648-24434-00	. GASKET, body 1	1
9	630-24329-00	. SEAL	4	39 *	6A0-24421-00	. VALVE, check	2 } B
10	98380-05018	. SCREW, cylinderhead	4	40	682-24421-00	. VALVE, check	2 }
11	663-24310-61	FUEL PIPE ASS'Y	1	41 *	98501-03006	. SCREW, panhead	2 B
12	655-24305-01	. FUEL PIPE JOINT COMP. 2	2	42 *	98813-03100	. NUT	2 B
13	93210-08287	. O-RING (3.00-8.00)	2	43	648-24435-02	. GASKET, body 2	1
* 14	90445-12M04	. HOSE (60-11.50-1900mm)	1	44	663-24411-00	. DIAPHRAGM, pump	1
15	650-24360-01	. PRIMARY PUMP ASS'Y	1	45	648-24413-01	. COVER, pump	1
* 16	90445-12155	. HOSE (60-11.50-1000mm)	1	46	98503-05028	. SCREW, panhead	3
17	650-24351-00	. BAND, fuel pipe	4	47	92990-05100	. WASHER	3
18	663-24397-00	. COLLAR	1	48	650-24431-00	GASKET, fuel pump	1
19	655-24304-01	FUEL PIPE JOINT COMP. 1	1	49	97313-06040	BOLT	2
20	97313-06020	BOLT	1	50	92903-06600	WASHER	2
21	92903-06600	WASHER	1	51	648-24312-01	HOSE (60-100-150mm)	1
22	90445-09M25	HOSE (50-90-410mm)	1	52	670-28100-60	TOOL ASS'Y	1
23	90467-08004	CLIP	6	53	626-28193-01-94	PLUG, water check 1	1
24	655-24560-00	FILTER ASS'Y	1				
25	655-24564-00	. PACKING, filter	1				
26	655-24563-00	. ELEMENT, filter	1				
27	93210-37M25	. O-RING (2.00-34.50)	1				
28	655-24521-00	. CUP, filter	1				
29	648-24566-01	BRACKET, filter	1				
30	97313-06012	BOLT	1				

25DM S: 004470 and below
L: 303550 and below
LL: 800250 and below

25DE S: 250840 and below
L: 551470 and below
LL: 850180 and below

25DM S: 004471 and up
L: 303551 and up
LL: 800251 and up

25DE S: 250841 and up
L: 551471 and up
LL: 850181 and up

* New parts number

* Not shown

■ Contents of power head gasket kit (Parts No. 695-W0001-00)

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

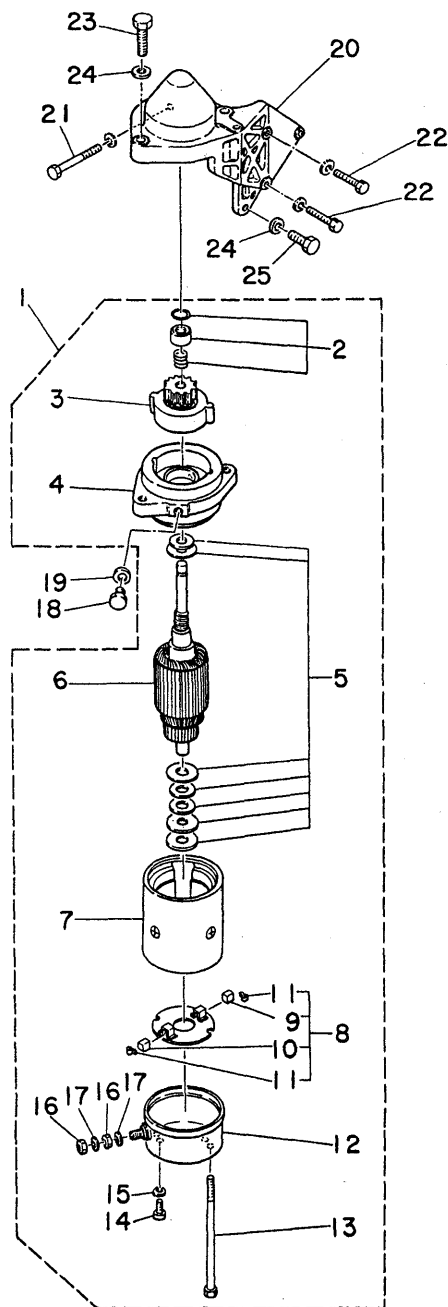
Fig. 15 ELECTRIC MOTOR (25DE MODEL) -'80/'81

{ 25DE S : 251105 and below
L : 552120 and below
LL : 650205 and below

Ref.No.	Parts No.	Description	Q'ty
1	689-81800-10	ELECTRIC MOTOR ASS'Y	1
2	689-81857-10	PINION STOPPER SET	1S
3	689-81807-10	PINION ASS'Y (11T)	1
4	689-81830-10	FRONT COVER ASS'Y	1
5	689-81809-10	WASHER KIT	1S
6	689-81850-10	ARMATURE ASS'Y	1
7	689-81810-10	STATOR ASS'Y	1
8	689-81840-10	BRUSH HOLDER ASS'Y	1
9	689-81811-10	BRUSH 1 (+)	1
10	689-81812-10	BRUSH 2 (-)	1
11	689-81813-10	SPRING, brush	2
12	689-81820-10	REAR COVER ASS'Y	1
13	689-81826-10	BOLT	2
14	98501-04012	SCREW, panhead	2
15	92901-04100	WASHER	2
16	95303-06700	NUT	2
17	92903-06100	WASHER	2
18	97313-08012	BOLT	1
19	92903-08600	WASHER	1
20	695-15772-40-94	STAY 2	1
21	97313-06050	BOLT	1
22	97313-06030	BOLT	2
23	97313-08030	BOLT	2
24	92903-08600	WASHER	3
25	97313-08020	BOLT	1

The following parts are not used when using the 25DE MODEL.

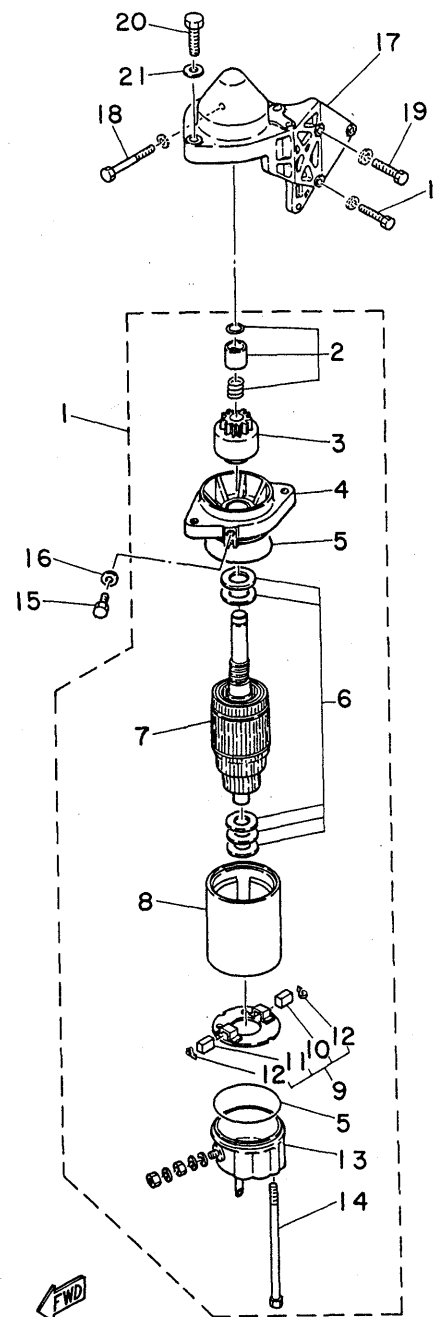
3-30	95303-06600	NUT	1
3-32	656-15772-00-94	STAY 2	1
3-33	97313-06025	BOLT	2
9-11	97313-06035	BOLT	1



B13

Fig. 16 ELECTRIC MOTOR (25DE MODEL) -'80/'81

{ 25DE S : 251106 and up
L : 552121 and up
LL : 650206 and up



Ref.No.	Parts No.	Description	Q'ty
1	689-81800-11	ELECTRIC MOTOR ASS'Y	1
2	689-81857-11	PINION STOPPER SET	1S
3	689-81807-11	PINION ASS'Y (11T)	1
4	689-81830-11	FRONT COVER ASS'Y	1
5	689-81847-11	O-RING	2
6	689-81809-11	WASHER KIT	1S
7	689-81850-11	ARMATURE ASS'Y	1
8	689-81810-11	STATOR ASS'Y	1
9	689-81840-11	BRUSH HOLDER ASS'Y	1
10	689-81811-11	BRUSH 1 (+)	1
11	689-81812-11	BRUSH 2 (-)	1
12	689-81813-10	SPRING, brush	2
13	689-81820-11	REAR COVER ASS'Y	1
14	689-81826-10	BOLT	2
15	97390-08012	BOLT	1
16	92903-08600	WASHER	1
17	695-15772-40-94	STAY 2	1
18	97390-06050	BOLT	1
19	97390-06030	BOLT	2
20	97395-08030	BOLT	2
21	92903-08600	WASHER	2

The following parts are not used when using the 25DE MODEL.

3-30	95303-06600	NUT	1
3-32	656-15772-00-94	STAY 2	1
3-33	97313-06025	BOLT	2
9-11	97313-06035	BOLT	1

25D

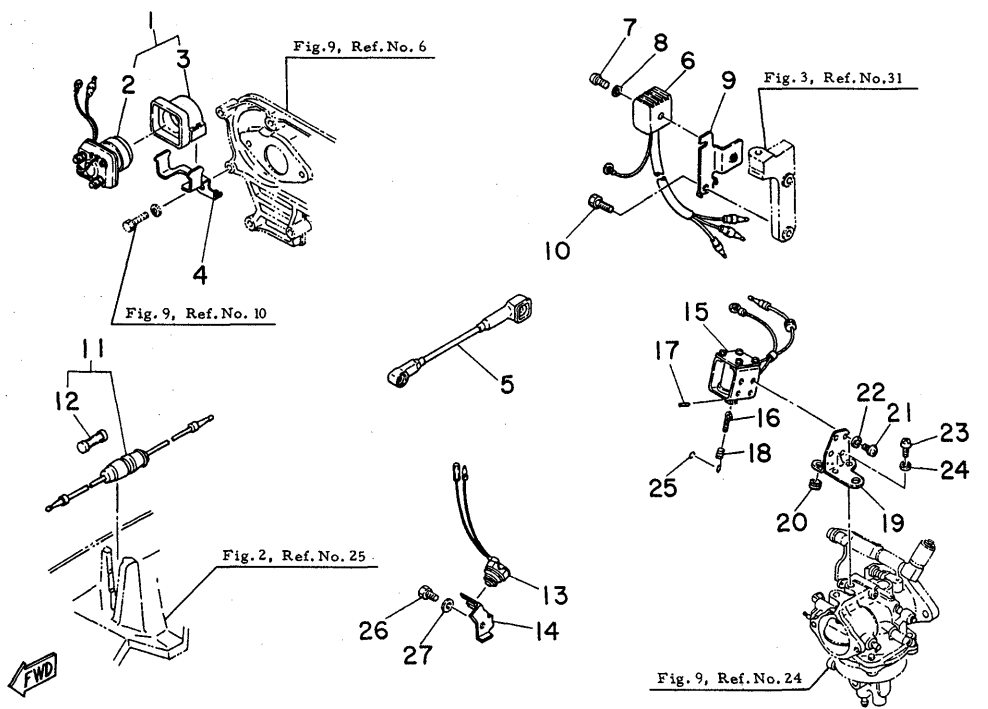
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25D

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B14

Fig. 17 ELECTRIC PARTS (25DE MODEL) -'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
▶ 1 *	689-81940-11	STARTER RELAY ASS'Y	1	14	656-15774-41	STAY 4	1
▶ *	689-81940-10	STARTER RELAY ASS'Y	1	15	689-86111-00	COIL, solenoid	1
▶ 2 *	682-81941-11	STARTER RELAY	1	16	676-86117-00	HOOK, wire pull	1
▶ *	682-81941-10	STARTER RELAY	1	17	91690-30010	PIN, spring	1
3	689-81952-10	HOLDER, starter relay	1	18	664-86116-00	WIRE, pull	1
4	695-81945-00	PLATE, switch fitting	1	19 *	689-86112-01	STAY, solenoid	1
▶ 5 *	695-82531-01	WIRE, lead	1	▶ *	689-86112-00	STAY, solenoid	1
▶ *	695-82531-00	WIRE, lead	1	20	90480-10155	GROMMET	1
6	664-81970-60	RECTIFIER ASS'Y	1	21	98503-04005	SCREW, panhead	4
7	97803-05025	SCREW, panhead	1	22	92903-04200	WASHER	4
8	92903-05600	WASHER	1	23	97803-05012	SCREW, panhead	2
9	695-81975-00	PLATE, rectifier fitting	1	24	92903-05600	WASHER	2
▶ 10 *	97390-06028	BOLT	2	25	93210-03261	O-RING (1.20-2.80)	1
11	682-82150-10	FUSE HOLDER ASS'Y	1	26	97313-06012	BOLT	1
12	663-82151-00	FUSE (12V-20A)	1	27	92903-06600	WASHER	1
13	689-82540-00	NEUTRAL SWITCH ASS'Y	1				

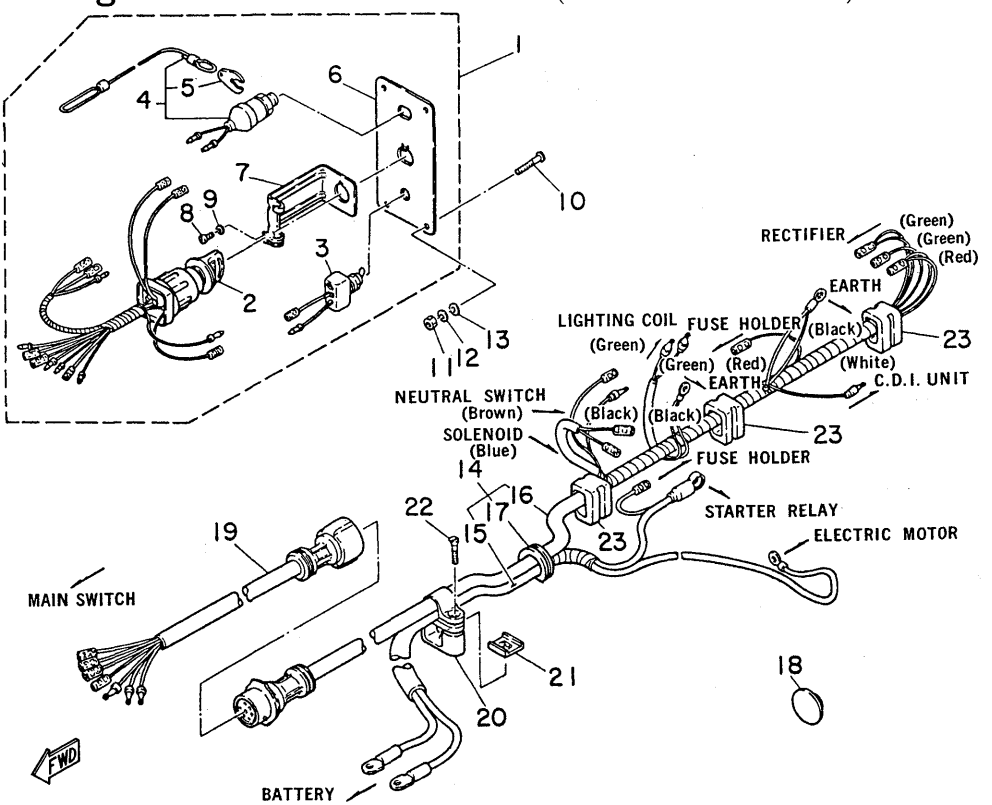
The following parts are not used when using the 25DE MODEL.

3-33	97313-06025	BOLT	2	3-43	656-15774-00	STAY 4	1
3-35	92903-06600	WASHER	1	3-44	97313-06010	BOLT	1

* New parts number
* Not shown

25D

Fig. 18 SWITCH PANEL (25DE MODEL) -'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
▶ 1 *	689-82570-10	SWITCH PANEL ASS'Y	1	13	92903-05600	WASHER	4
▶ *	695-82570-10	SWITCH PANEL ASS'Y	1	▶ 14 *	695-82580-11	WIRE HARNESS ASS'Y	1
▶ 2 *	688-82508-10	MAIN SWITCH ASS'Y	1	▶ *	695-82580-10	WIRE HARNESS ASS'Y	1
▶ *	682-82508-10	MAIN SWITCH ASS'Y	1	▶ 15 *	695-82105-11	WIRE LEAD ASS'Y	1
3	688-82574-00	SWITCH, choke	1	▶ *	695-82105-10	WIRE LEAD ASS'Y	1
4	688-82575-00	KILL SWITCH ASS'Y	1	▶ 16 *	689-82591-10	WIRE HARNESS ASS'Y	1
5	663-82556-70	STOPPER	1	▶ *	695-82590-10	WIRE HARNESS ASS'Y	1
6	689-82571-00	PANEL, switch	1	17	689-42724-50	GROMMET	1
7	663-82581-01	STAY, cord clamp	1	18	90480-17165	GROMMET	1
8	98303-04008	SCREW, cylinderhead	1	19	688-82586-20	EXTENSION, wire harness (5m)	1
9	92901-04100	WASHER	1	20	676-82594-10	CLAMP	1
10	98903-05025	SCREW, bind	4	21	682-42525-00	PLATE, friction 1	1
11	95303-05600	NUT	4	22	90161-06M08	SCREW, flathead tapping	1
12	92903-05100	WASHER	4	23	90480-17M08	GROMMET	3

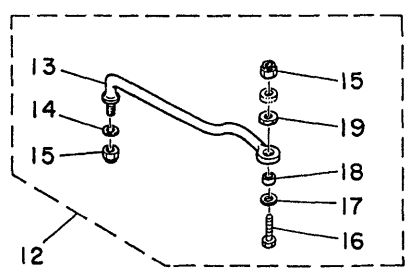
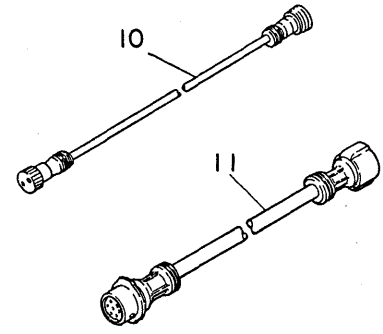
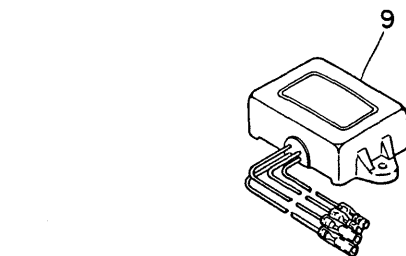
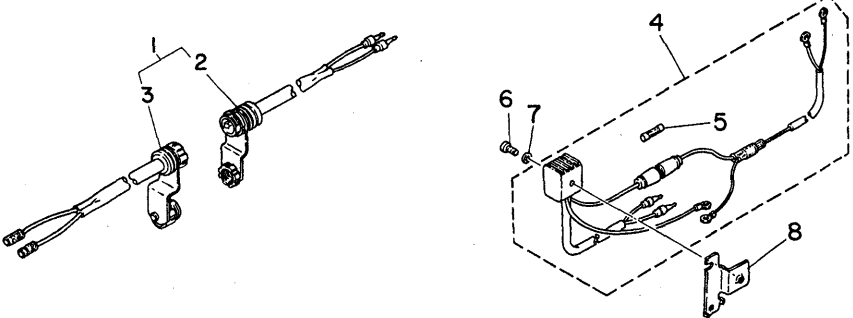
The following parts are not used when using the 25DE MODEL.

2-40	682-84381-00	2P CONCENT 1	1	2-42	689-82575-01	KILL SWITCH ASS'Y	1
				2-43	663-82556-70	STOPPER	1

* New parts number
* Not shown

25D

Fig. 19 OPTIONAL PARTS 1 -'80/'81



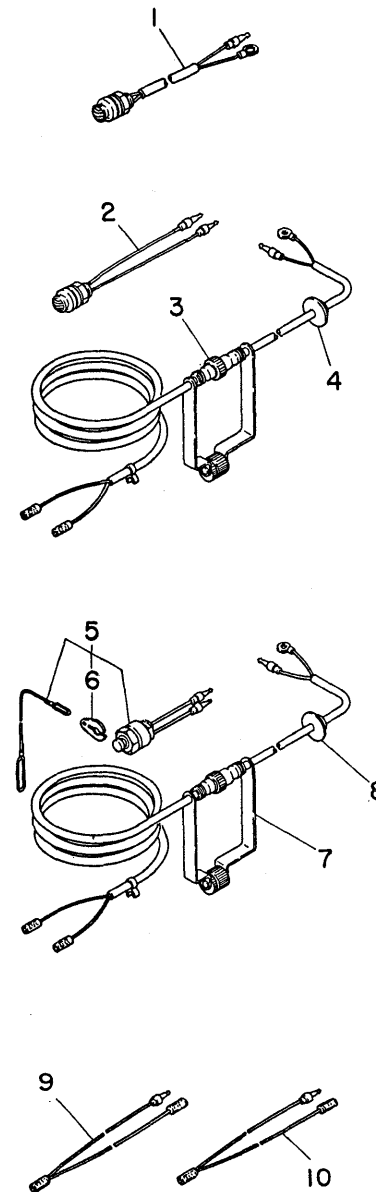
Ref.No.	Parts No.	Description	Q'ty
CONCENT 2P			
1	682-84380-00	CONCENT 2P ASS'Y	1
2	682-84381-00	2P CONCENT 1	1
3	682-84382-00	2P CONCENT 2	1
RECTIFIER			
4	676-81970-00	RECTIFIER ASS'Y	1
5	663-82151-00	FUSE (12V-20A)	1
6	97803-05025	SCREW, panhead	1
7	92903-05600	WASHER	1
8	695-81975-00	PLATE, rectifier fitting	1
VOLTAGE REGULATOR			
9	663-81910-10	VOLTAGE REGULATOR ASS'Y	1
EXTENSION WIRE			
10 *	689-82553-10	EXTENSION, wire lead (2m) (For Stop Switch)	1
*	676-82553-00	EXTENSION, wire lead (2m) (For Stop Switch)	1
11	688-82586-10	EXTENSION, wire harness (2m) (For 7P Concent)	1
STEERING GUIDE ATTACHMENT			
▶ 12 *	689-61350-00	STEERING GUIDE ATTACHMENT KIT (Single)	1S
▶ 13 *	689-61351-00	ROD, steering link	1
▶ 14 *	90201-10M20	WASHER (9.7ø-16ø-1.5mm)	1
▶ 15 *	90185-09M01	NUT, self-locking	2
▶ 16 *	90101-06M66	BOLT	1
▶ 17 *	90201-10M63	WASHER	1
▶ 18 *	90387-10M35	BUSHING	1
▶ 19 *	90170-09M03	NUT	1

▶ (25DM S: 006086 and up
L: 305361 and up
LL: 600376 and up

25DE S: 251106 and up
L: 552121 and up
LL: 650206 and up

* New parts number

Fig. 20 OPTIONAL PARTS 2 -'80/'81



Ref.No.	Parts No.	Description	Q'ty
STOP SWITCH			
▶ 1 *	689-82550-01	STOP SWITCH ASS'Y	1
▶ *	664-82550-01	STOP SWITCH ASS'Y	1
The following parts are not used when using the stop switch ass'y (Parts No. 689-82550-01)			
2-42	689-82575-01	KILL SWITCH ASS'Y	1
2-43	663-82556-70	STOPPER	1
STOP SWITCH (5m)			
▶ 2 *	689-82550-11	STOP SWITCH ASS'Y	1
▶ *	695-82550-10	STOP SWITCH ASS'Y	1
▶ 3 *	689-82553-20	EXTENSION, wire lead	1
▶ *	695-82553-20	EXTENSION, wire lead	1
4	689-42725-40	GROMMET 2	1
The following parts are not used when using the stop switch (5m)			
2-42	689-82575-01	KILL SWITCH ASS'Y	1
2-43	663-82556-70	STOPPER	1
KILL SWITCH			
▶ 5 *	689-82575-11	KILL SWITCH ASS'Y	1
▶ *	695-82575-10	KILL SWITCH ASS'Y	1
6	663-82556-70	STOPPER	1
▶ 7 *	689-82553-20	EXTENSION, wire lead	1
▶ *	695-82553-20	EXTENSION, wire lead	1
8	689-42725-40	GROMMET 2	1
The following parts are not used when using the kill switch (5m)			
2-42	689-82575-01	KILL SWITCH ASS'Y	1
2-43	663-82556-70	STOPPER	1
LEAD WIRE			
9 *	699-82149-AQ	WIRE, lead (Gray)	1
10 *	699-82149-00	WIRE, lead (Orange)	1

▶ (25DM S: 006086 and below
L: 305360 and below
LL: 600375 and below

25DE S: 251105 and below
L: 552120 and below
LL: 650205 and below

▶ (25DM S: 006086 and up
L: 305361 and up
LL: 600376 and up

25DE S: 251106 and up
L: 552121 and up
LL: 650206 and up

* New parts number
* Not shown

Fig. 21 REMOTE CONTROL -'80/'81

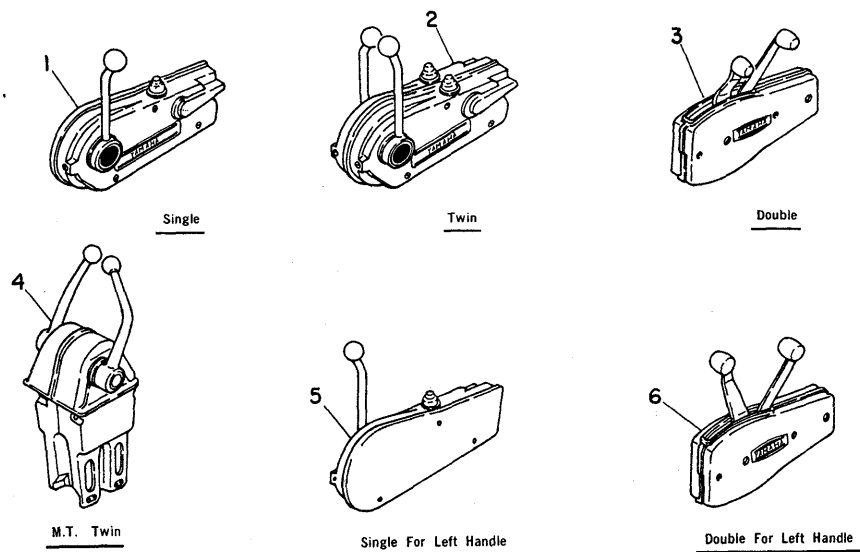
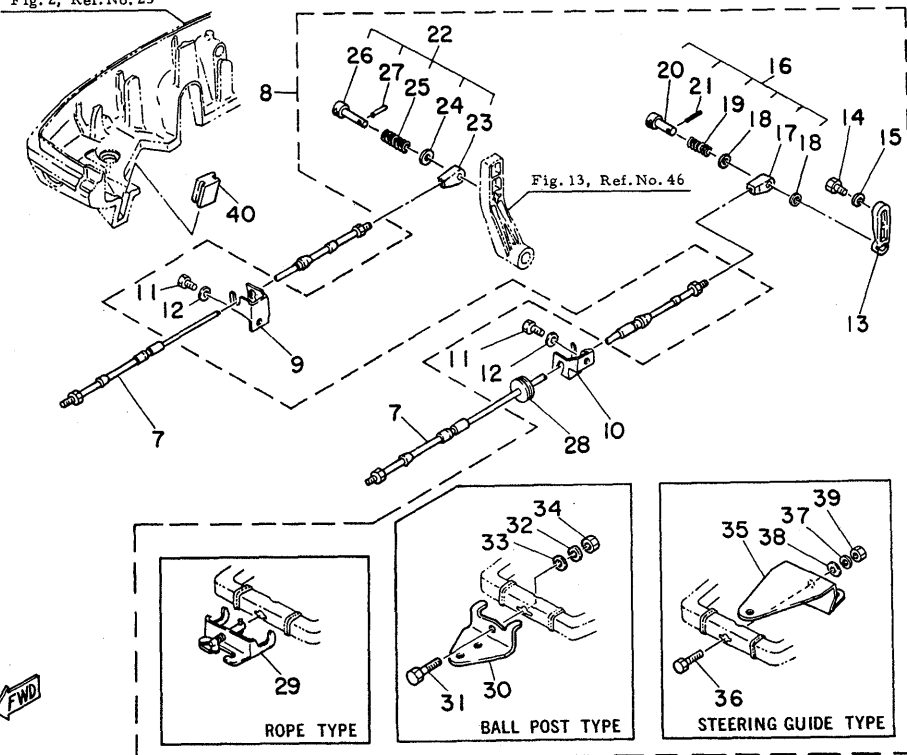


Fig. 2, Ref. No. 25



REMOTE CONTROL -'80/'81

Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
REMOTE CONTROL				15	92990-06600	. WASHER	1
▲ 1	701-48110-11	REMOTE CONTROL ASS'Y 1	U.R.	16	648-48340-50	. CABLE END ASS'Y (Throttle)	1
▲ 2	701-48110-21	REMOTE CONTROL ASS'Y 2		17	617-48346-90	. . CABLE END, remote control 3	1
3	701-48110-31	REMOTE CONTROL ASS'Y 3		18	92990-08200	. . WASHER	2
4	701-48110-80	REMOTE CONTROL ASS'Y 8		19	90501-10264	. . SPRING, compression	1
5	701-48120-11	REMOTE CONTROL ASS'Y 1	U.R.	20	617-48361-90	. . HOOK, cable 1	1
6	701-48120-31	REMOTE CONTROL ASS'Y 3		21	91690-30012	. . PIN, spring	1
7	701-48310-40	CABLE, remote control 8F		22	648-48330-50	. CABLE END ASS'Y (Shift)	1
	701-48310-60	CABLE, remote control 9F		23	648-48346-50	. . CABLE END, remote control	1
	701-48310-90	CABLE, remote control 11F	U.R.	24	92990-08200	. . WASHER	1
	701-48320-00	CABLE, remote control 12F		25	90501-10071	. . SPRING, compression	1
	701-48320-20	CABLE, remote control 13F		26	617-48331-90	. . HOOK, cable 1	1
	701-48320-30	CABLE, remote control 14F		27	91690-30012	. . PIN, spring	1
	701-48320-50	CABLE, remote control 15F	U.R.	28	90480-22039	. GROMMET	1
	701-48320-60	CABLE, remote control 16F		ROPE TYPE			
	701-48320-80	CABLE, remote control 17F		29	700-48510-12	. STEERING HOOK ASS'Y	1
	701-48320-90	CABLE, remote control 18F		BALL POST TYPE			
REMOTE CONTROL ATTACHMENT				30	676-48511-10	. HOOK, steering	1
8	648-48501-00-F6	ATTACHMENT ASS'Y (Rope Type)	1	31	97375-10040	. BOLT	1
		(Ref. No. 9 to 28)		32	92990-10100	. WASHER	1
	648-48501-10-F6	ATTACHMENT ASS'Y (Ball Post Type)	1	33	92990-10600	. WASHER	1
		(Ref. No. 9 to 27, 29 to 33)		34	95380-10600	. NUT	1
▶ *	648-48501-20-F6	ATTACHMENT ASS'Y	1	STEERING GUIDE TYPE			
		(Steering Guide Type)		▶ 35 *	689-48511-00	. HOOK, steering	1
		(Ref. No. 9 to 28, 35 to 39)	1	▶ 36 *	97395-10040	. BOLT	1
9	648-48531-50	. BRACKET, remote control 1	1	▶ 37 *	92990-10100	. WASHER	1
10	648-48532-50	. BRACKET, remote control 2	1	▶ 38 *	92990-10600	. WASHER	1
11 *	97395-06016	. BOLT	2	▶ 39 *	95380-10600	. NUT	1
※	97370-06016	. BOLT	2	OPTIONAL PARTS			
12	92990-06600	. WASHER	2	40	676-42724-40	GROMMET 1	1
13 *	648-48534-50-F6	. THROTTLE LEVER, control	1	(For Without Manual Steering)			
※	648-48534-50-94	. THROTTLE LEVER, control	1				
14 *	97395-06012	. BOLT	1				
※	97375-06012	. BOLT	1				

▶ 25DM S. 000000 and up
L: 305361 and up
LL: 600370 and up

25DE S. 251106 and up
L: 552121 and up
LL: 650206 and up

* New parts number
※ Not shown
▲ See Fig. 22 for detail service parts.

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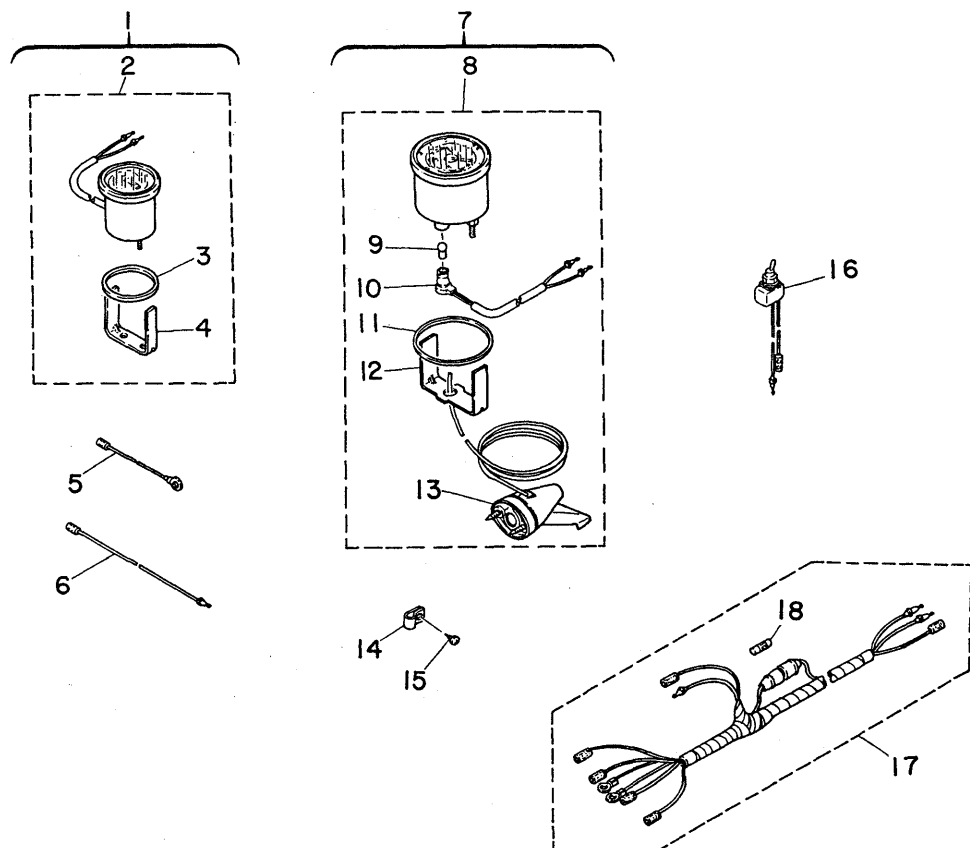
FWD

✖ Not shown

This exploded view diagram illustrates the assembly of a vehicle instrument cluster. The components are numbered as follows:

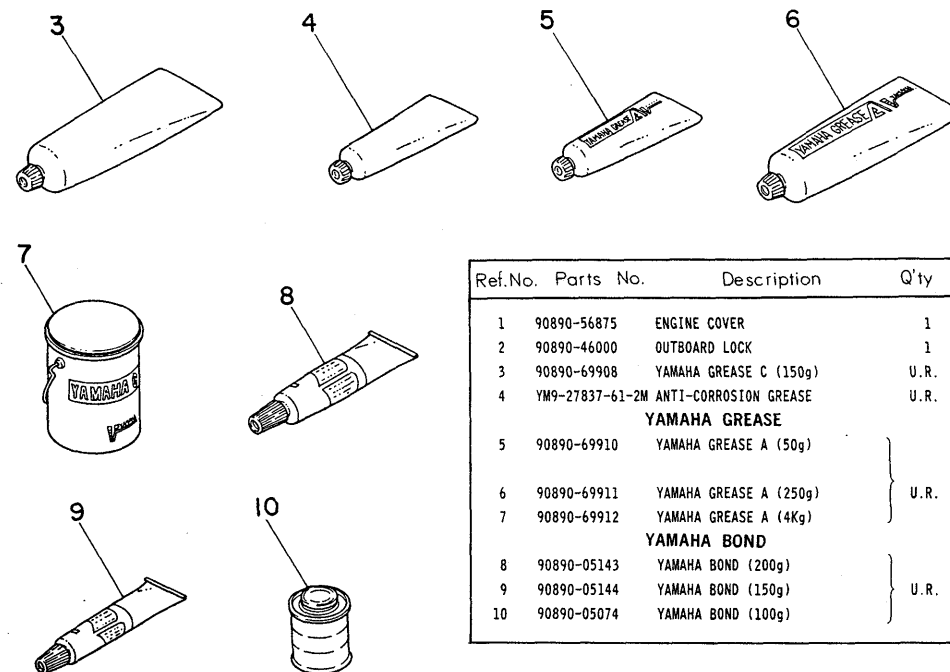
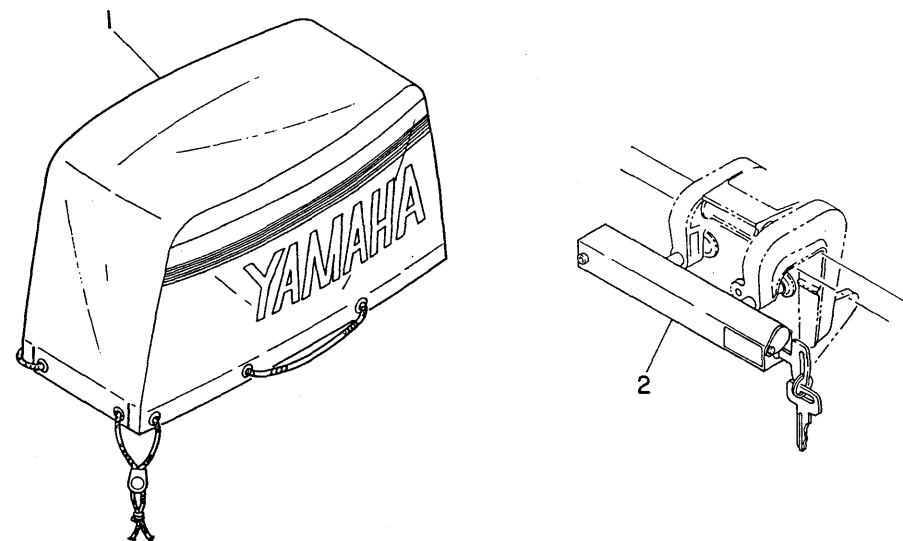
- 1**: Instrument panel plate with four circular cutouts.
- 2**: Circular gauge face with a needle and scale.
- 3**: Small screw or pin.
- 4**: Small screw or pin.
- 5**: Small screw or pin.
- 6**: Small screw or pin.
- 7**: Grouping bracket for the gauge assembly components.
- 8**: Gauge housing or bezel.
- 9**: Small pin or clip.
- 10**: Small pin or clip.
- 11**: Gauge housing or bezel.
- 12**: Gauge housing or bezel.
- 13**: Cable or wire assembly.
- 14**: Cable or wire assembly with a connector.
- 15**: Cable or wire assembly.
- 16**: Grouping bracket for the wiring harness components.
- 17**: Grouping bracket for the wiring harness components.
- 18**: Cable or wire assembly.
- 19**: Small pin or clip.
- 20**: Small pin or clip.
- 21**: Gauge housing or bezel.
- 22**: Gauge housing or bezel.
- 23**: Cable or wire assembly.
- 24**: Gauge housing or bezel.
- 25**: Small pin or clip.
- 26**: Cable or wire assembly.
- 27**: Cable or wire assembly.

Fig.24 ACCESSORY PARTS 2 -'80/'81



Ref.No.	Parts No.	Description	Q'ty	Ref.No.	Parts No.	Description	Q'ty
1	688-W0088-30	HOUR METER KIT	1S	11	688-83523-00	. . DAMPER	1
2	688-83504-00	. HOUR METER ASS'Y	1	12	688-83514-00	. . PLATE, fitting	1
3	688-83664-00	. . DAMPER	1	13	688-83556-00	. . SENDER	1
4	688-83557-00	. . PLATE, fitting	1	14	90601-31402	. CLIP, nylon 14	5
5	663-83553-A0	. WIRE, lead	1	15	97780-40116	. SCREW, panhead	5
6	663-83553-Y0	. WIRE, lead (Yellow)	1	16	688-82526-00	SWITCH, lamp	1
7	688-W0081-00	SPEEDOMETER KIT	1S	17	688-83553-10	WIRE, lead	1
8	688-83510-00	. SPEEDOMETER ASS'Y	1	18	1E6-82151-00	. FUSE (12V-10A)	1
9	688-83516-00	. . BULB (12V-1.7W)	1				
10	688-83536-00	. . SOCKET, meter	1				

Fig.25 ACCESSORY PARTS 3 -'80/'81



Ref.No.	Parts No.	Description	Q'ty
1	90890-56875	ENGINE COVER	1
2	90890-46000	OUTBOARD LOCK	1
3	90890-69908	YAMAHA GREASE C (150g)	U.R.
4	YM9-27837-61-2M	ANTI-CORROSION GREASE	U.R.
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)	
YAMAHA BOND			
8	90890-05143	YAMAHA BOND (200g)	U.R.
9	90890-05144	YAMAHA BOND (150g)	
10	90890-05074	YAMAHA BOND (100g)	