



PARTS CATALOGUE

F130A-2024 (6EMA)



1Y6EM-100EA

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F130A
PARTS CATALOGUE
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1st edition, February 2024
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FOREWORD

This Parts Catalogue is related to the parts for the model(s) on the cover page. When you are ordering replacement parts, please refer to this Parts Catalogue and quote both part numbers and part names correctly.

1. Modifications or additions which have been made after the issue of the Parts Catalogue will be announced in the Parts News.
It is advisable that you make the necessary corrections to the Parts Catalogue according to the Parts News.

2. Abbreviations

The following abbreviations are used in this Parts Catalogue.

“UR” Use specified parts number.

“UN” Use as many as needed.

“AP” Alternate Parts

“LM” Locally Made (Parts need to be ordered locally)

“F#” Frame No. (Applicable machine No.)

“O/S” Over Size

3. The number of components for assembly

- Parts, which are to be supplied in an assembly, are listed with a dot (.) in front of the part name as shown below.
- The numeral appearing to the right of each component part indicates the quantity of parts for each assembly unit.

PART NO.	DESCRIPTION	Q'TY	REMARKS
2F5-83310-60	FRONT FLASHER LIGHT ASSY	2	
115-83311-60	.BULB (6V-18W)	1	

4. Applicable colours of graphics are represented in the “REMARKS” as shown below.

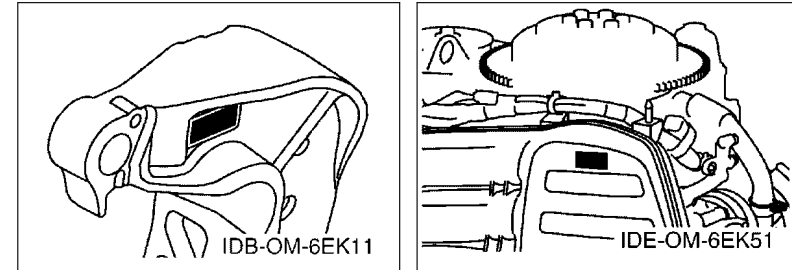
PART NO.	DESCRIPTION	Q'TY	REMARKS
2N4-24110-00-X5	FUEL TANK COMP.	2	MXR
3J1-24240-10	.GRAPHIC, FUEL TANK	1	FOR MXR

5. Note that the illustrations for reference in finding parts numbers are not to be used for assembling. When assembling, please use the applicable service manual.

6. The asterisk (*) before a reference number indicates modified items after the first edition.

7. Applicable Serial No.

Engine Serial No.



8. Applicable Engine Starting Serial No.

Model	Serial No.	Model	Serial No.
F130A	6EM-1016212		

9. Applicable Colour Code

Abbreviation	Colour Name	Colour Code
DBN1	DARK BLUISH GRAY 1	008D

10. Quantity Column Information

Column No.	Name Of Q'ty Column	Applicable Model
1	LA	F130LA
2	XA	F130XA

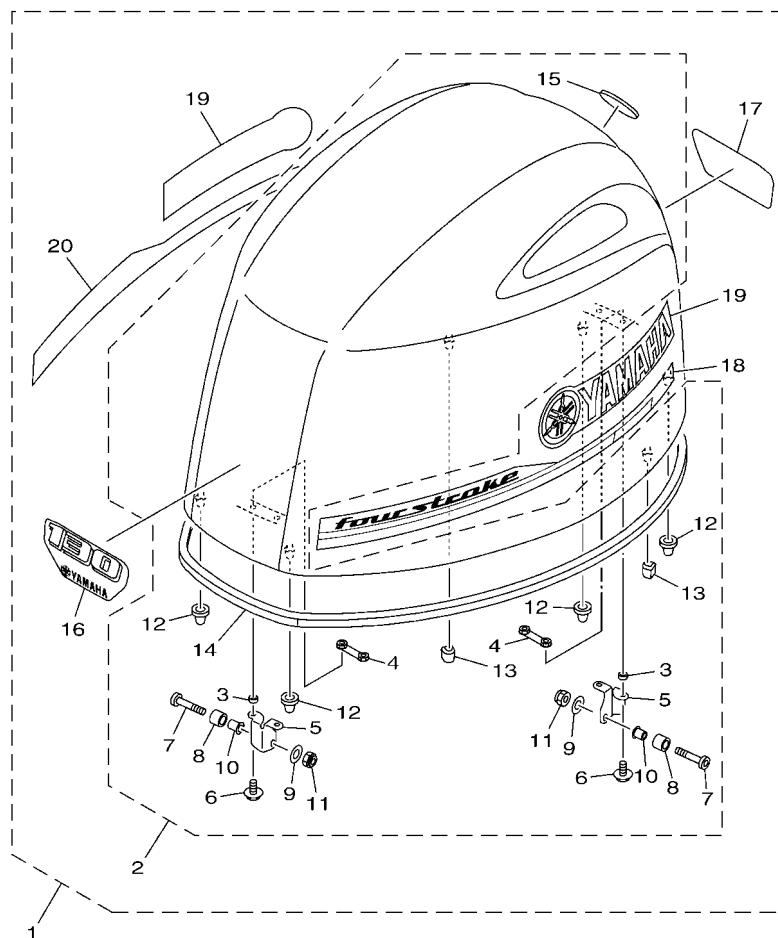
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 6EM2300-Q020

FIG. 2 TOP COWLING

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EM-42610-02	TOP COWLING ASSY	1	1				
2	6EK-4261A-02	.TOP COWLING W/O GRAPHICS	1	1				
3	90387-07046	..COLLAR	4	4				
4	6EK-42646-00	..PLATE, CLAMP	2	2				
5	6EK-42647-00	..HOLDER, CLAMP BAND	2	2				
6	90105-06039	..BOLT, FLANGE	4	4				
7	90111-08078	..BOLT, HEXAGON SOCKET BUTTON	2	2				
8	90387-10094	..COLLAR	2	2				
9	92990-08600	..WASHER, PLATE	2	2				
10	90387-08M45	..COLLAR	2	2				
11	95780-08300	..NUT, FLANGE	2	2				
12	68F-42663-01	..DAMPER 2	4	4				
13	6EK-42662-01	..DAMPER	2	2				
14	6EK-42615-01	..SEAL	1	1				
15	6DA-42697-00	..TUNING FORK MARK	1	1				
16	6EM-42677-00	..GRAPHIC, FRONT	1	1				
17	6EM-42678-00	..GRAPHIC, REAR	1	1				
18	6EK-42675-00	..GRAPHIC, SIDE 1	1	1				
19	6D6-42681-00	..MARK, COWLING	2	2				
20	6EK-42676-00	..GRAPHIC, SIDE 2	1	1				

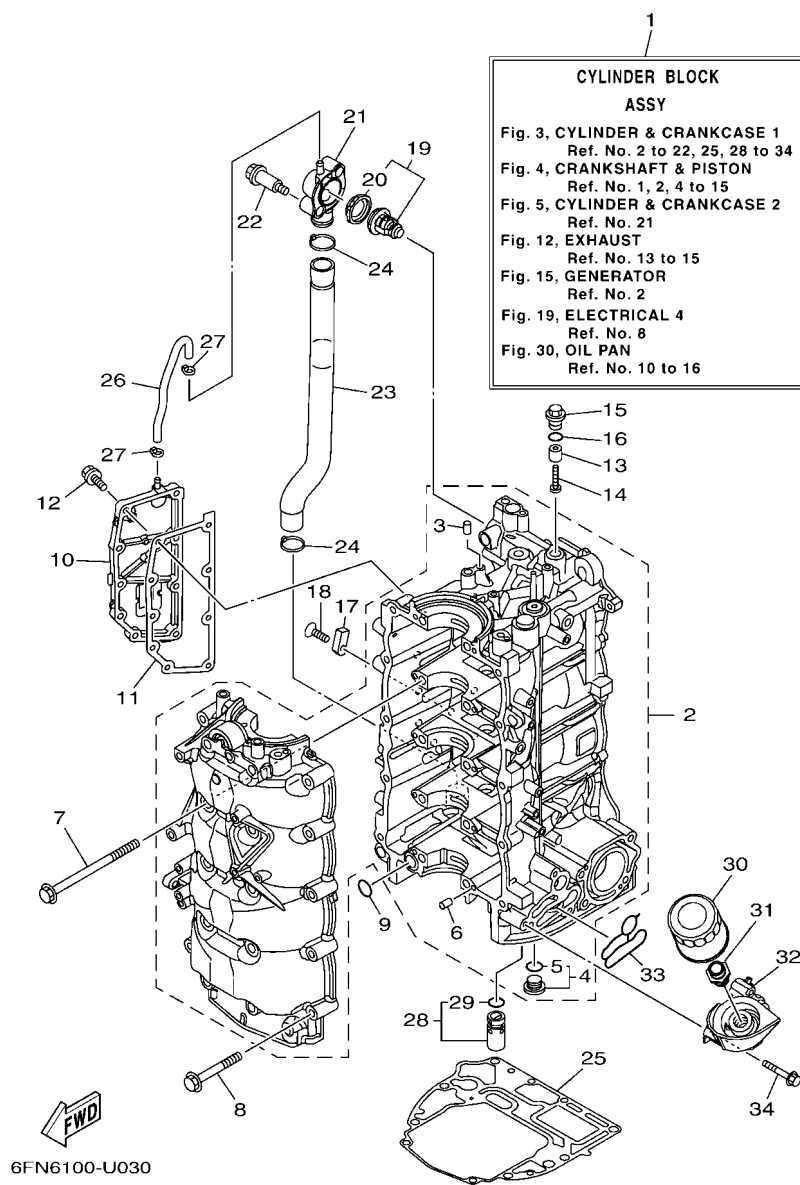


FIG. 3 CYLINDER & CRANKCASE 1

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EK-W009B-13-9S	CYLINDER BLOCK ASSY	1	1				
2	6EK-15109-02-9S	CRANKCASE ASSY	1	1				
3	93606-19M23	.PIN, DOWEL	1	1				
4	6EK-11313-00	.PLUG, BLIND	1	1				
5	93210-207A0	.O-RING	1	1				
6	93606-12019	.PIN, DOWEL	10	10				
7	90119-10057	BOLT, WITH WASHER	10	10				
8	90105-08170	BOLT, FLANGE	10	10				
9	93210-19MJ1	O-RING	1	1				
10	6EK-15414-00-9S	COVER 1	1	1				
11	6EK-15353-01	GASKET, DRAIN	1	1				
12	90105-06037	BOLT, FLANGE	9	9				
13	6G8-11325-00	ANODE	1	1				
14	98980-05025	SCREW, BIND	1	1				
15	6G8-11197-A0	PLUG, BLIND	1	1				
16	93210-13M63	O-RING	1	1				
17	63P-11325-01	ANODE	1	1				
18	90151-06M02	SCREW, COUNTERSUNK	1	1				
19	6EK-12411-00	THERMOSTAT	1	1				
20	6EK-12412-00	.SEAL, THERMOSTAT	1	1				
21	6EK-12413-00	COVER, THERMOSTAT	1	1				
22	90109-06286	BOLT	2	2				
23	6EK-1243A-00	HOSE 1	1	1				
24	90465-11M59	CLAMP	2	2				
25	6EK-11351-01	GASKET, CYLINDER	1	1				
26	6EK-12483-00	PIPE 3	1	1				
27	90465-11M10	CLAMP	2	2				

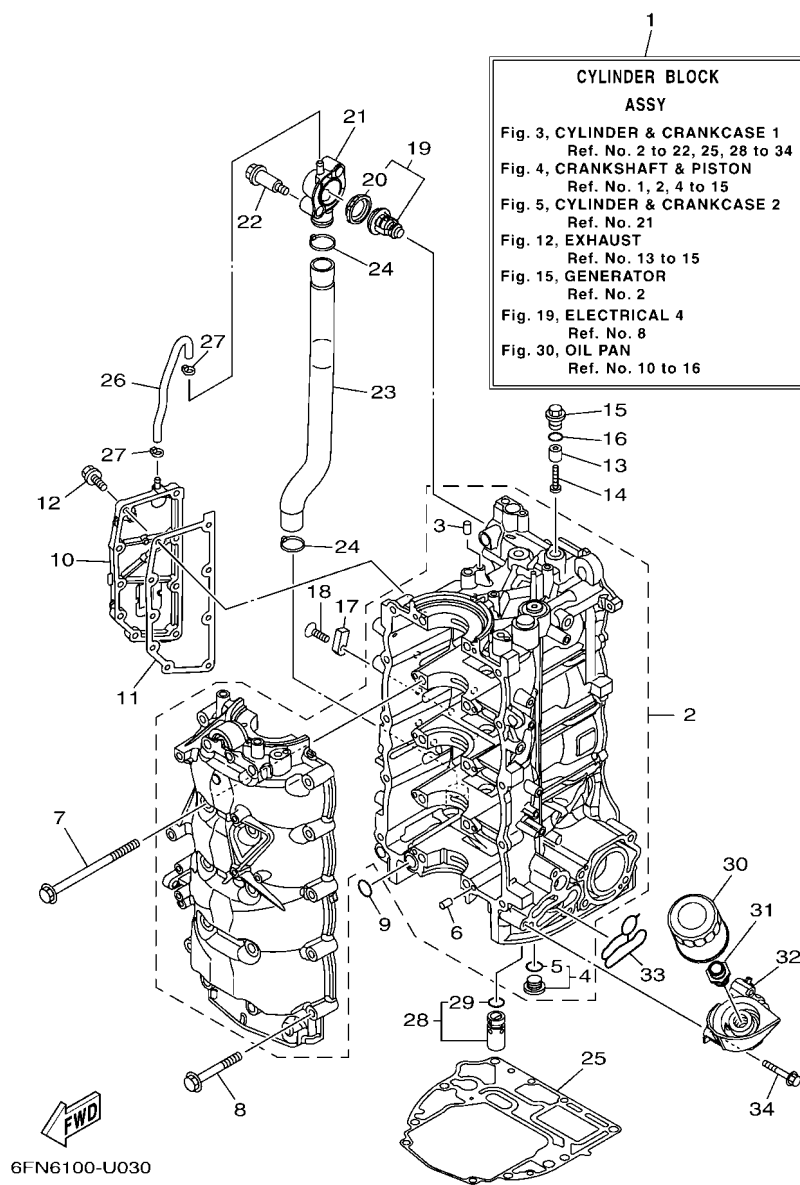
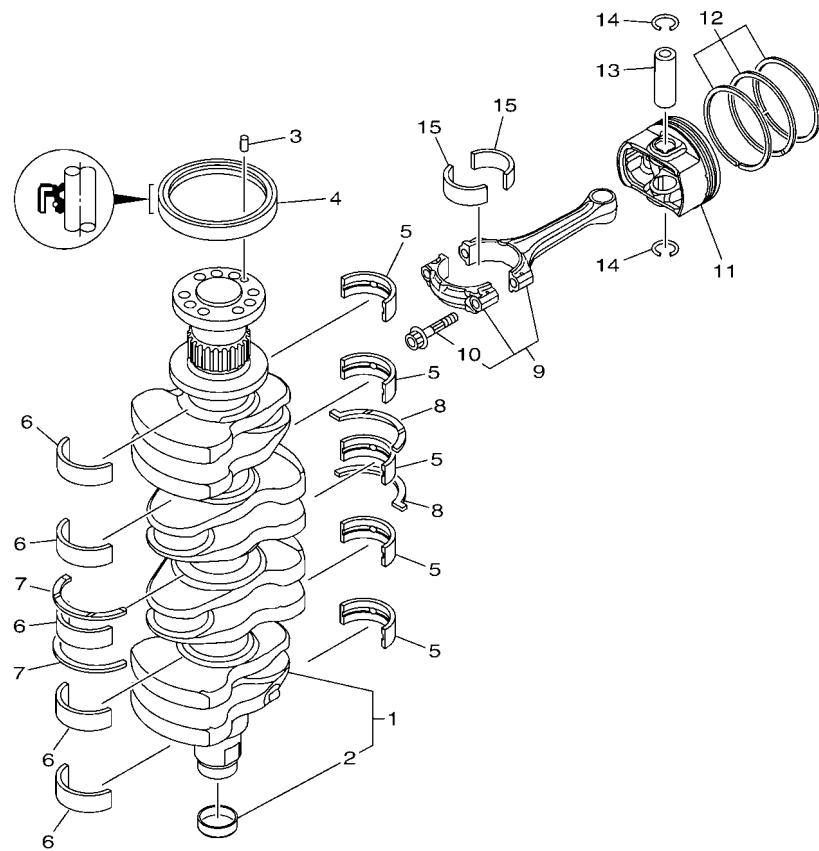


FIG. 3 CYLINDER & CRANKCASE 1



FWD
6EM1100-P040

FIG. 4 CRANKSHAFT & PISTON

REF. NO.	PART NO.	DESCRIPTION	LA	XA			REMARKS
1	6EK-11410-01	CRANKSHAFT	1	1			
2	6CB-11478-00	.COLLAR	1	1			
3	93606-12019	PIN, DOWEL	1	1			
4	93102-85008	OIL SEAL	1	1			
5	6EK-11416-00	PLANE BEARING, CRANKSHAFT 1	5	5			UR YELLOW
	6EK-11416-10	PLANE BEARING, CRANKSHAFT 1	5	5			UR GREEN
	6EK-11416-20	PLANE BEARING, CRANKSHAFT 1	5	5			UR BLUE
	6EK-11416-30	PLANE BEARING, CRANKSHAFT 1	5	5			UR RED
	6EK-11416-40	PLANE BEARING, CRANKSHAFT 1	5	5			UR BLACK
6	6EK-11417-00	PLANE BEARING, CRANKSHAFT 2	5	5			UR YELLOW
	6EK-11417-10	PLANE BEARING, CRANKSHAFT 2	5	5			UR GREEN
	6EK-11417-20	PLANE BEARING, CRANKSHAFT 2	5	5			UR BLUE
	6EK-11417-30	PLANE BEARING, CRANKSHAFT 2	5	5			UR RED
	6EK-11417-40	PLANE BEARING, CRANKSHAFT 2	5	5			UR BLACK
7	6EK-11426-01	BEARING, THRUST 1	2	2			
8	6EK-11427-00	BEARING, THRUST 2	2	2			
9	6EK-W1165-00	CONNECTING ROD ASSY	4	4			
10	K1C-A3275-00	.BOLT, CONNECTING ROD	2	2			
11	6EK-11631-02-94	PISTON (STD)	4	4			
	6EK-11635-02	PISTON (0.25MM O/S)	4	4			AP
12	6EK-11603-01	PISTON RING SET (STD)	4	4			
	6EK-11604-01	PISTON RING SET (0.25MM O/S)	4	4			AP
13	6EK-11633-00	PIN, PISTON	4	4			
14	93450-19052	CIRCLIP	8	8			
15	6EK-11656-00	PLANE BEARING, CONNECTING ROD	8	8			UR YELLOW
	6EK-11656-10	PLANE BEARING, CONNECTING ROD	8	8			UR GREEN
	6EK-11656-20	PLANE BEARING, CONNECTING ROD	8	8			UR BLUE

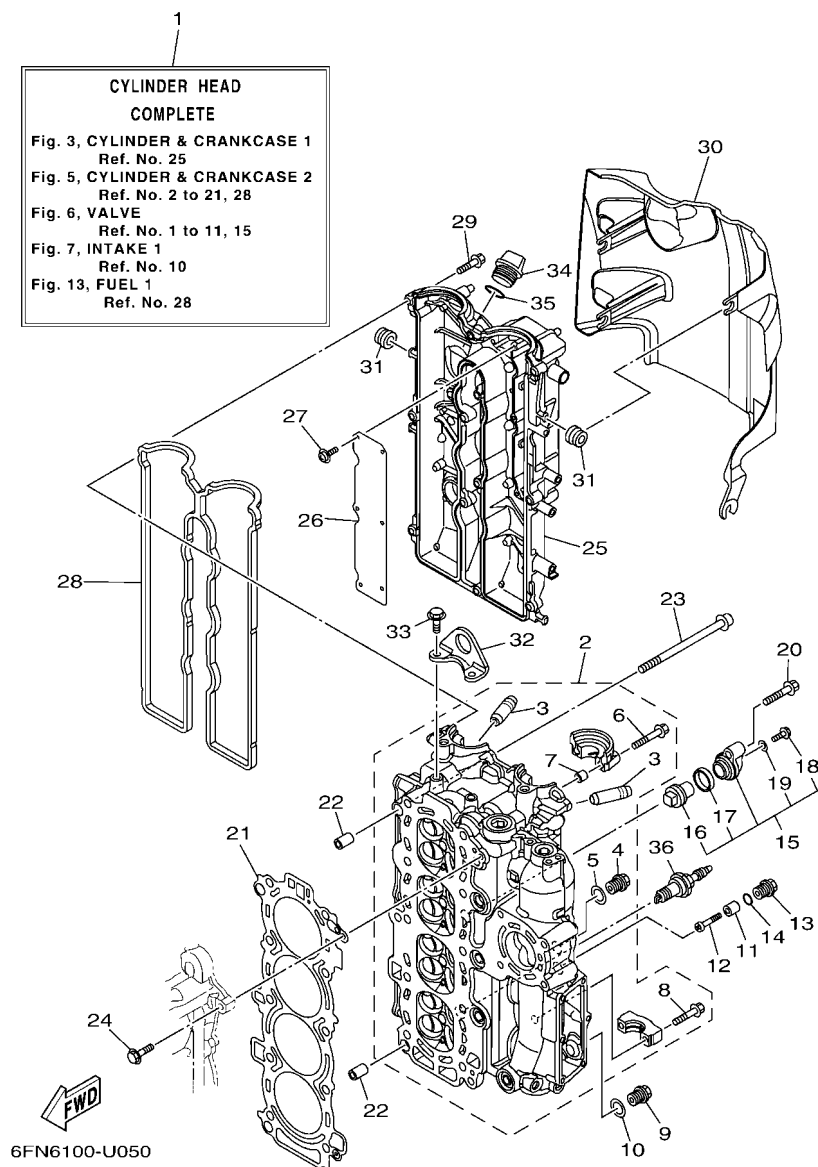


FIG. 5 CYLINDER & CRANKCASE 2

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EM-W009A-02-9S	CYLINDER HEAD COMPLETE	1	1				
2	6EM-11110-00-9S	CYLINDER HEAD ASSY	1	1				
3	6DA-11133-10	.GUIDE, VALVE 1	16	16				
4	90340-18M09	.PLUG, STRAIGHT SCREW	1	1				
5	90201-186F1	.WASHER, PLATE	1	1				
6	90119-07235	.BOLT/WASHER-CAM CAPS	4	4				
7	91809-08006	.PIN, DOWEL	4	4				
8	90119-07234	.BOLT, WITH WASHER	16	16				
9	90340-14M06	PLUG, STRAIGHT SCREW	1	1				
10	90430-14115	GASKET	1	1				
11	6G8-11325-00	ANODE	1	1				
12	98980-05025	SCREW, BIND	1	1				
13	6G8-11197-A0	PLUG, BLIND	1	1				
14	93210-13M63	O-RING	1	1				
15	69J-11301-02	ANODE COVER ASSY	1	1				
16	6ML-11325-00	.ANODE	1	1				
17	67F-11328-01	.GROMMET, ANODE	1	1				
18	90105-06M07	.BOLT, FLANGE	1	1				
19	90430-06M03	.GASKET	1	1				
20	95D75-08040	BOLT, FLANGE DEEP RECESS	1	1				
21	6EK-11181-00	GASKET, CYLINDER HEAD 1	1	1				
22	99530-14016	PIN, DOWEL	2	2				
23	90149-10072	SCREW	10	10				
24	90105-06037	BOLT, FLANGE	1	1				
25	6EM-11191-00	COVER, CYLINDER HEAD 1	1	1				
26	6EK-11168-00	COVER, BREATHER	1	1				
27	97607-04208	SCREW, WITH WASHER	6	6				

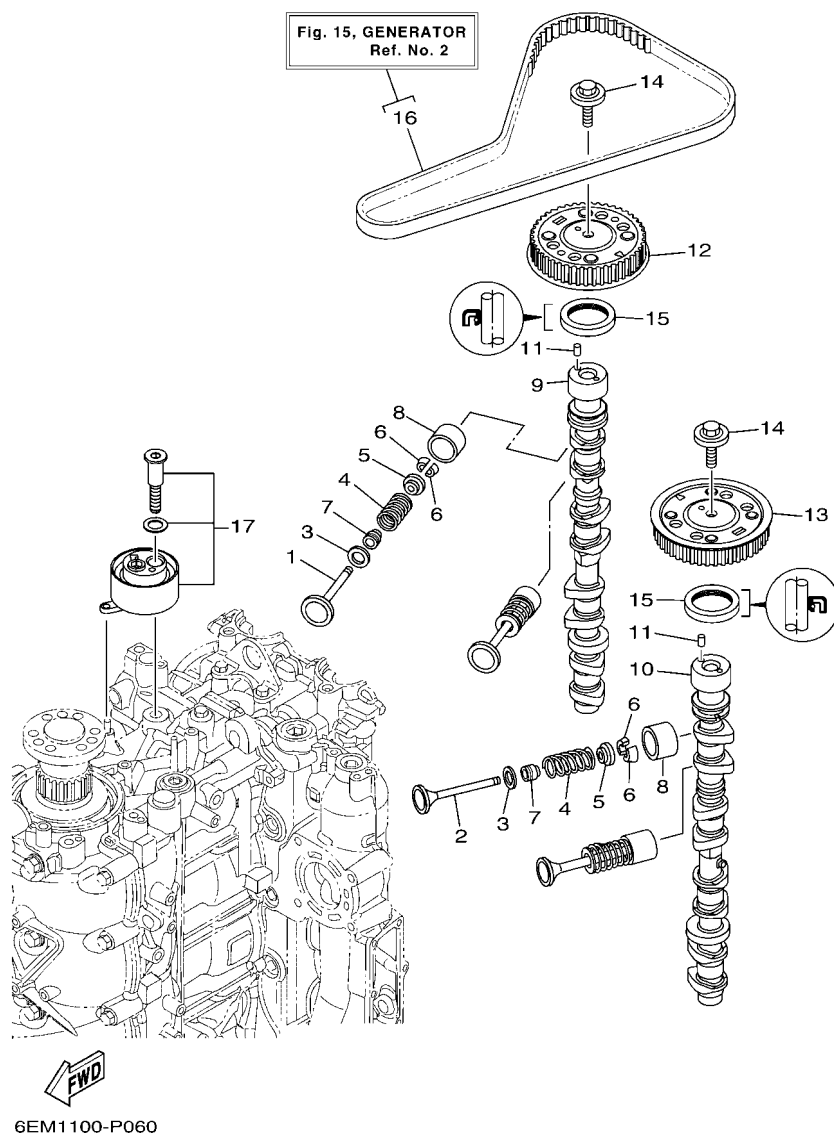
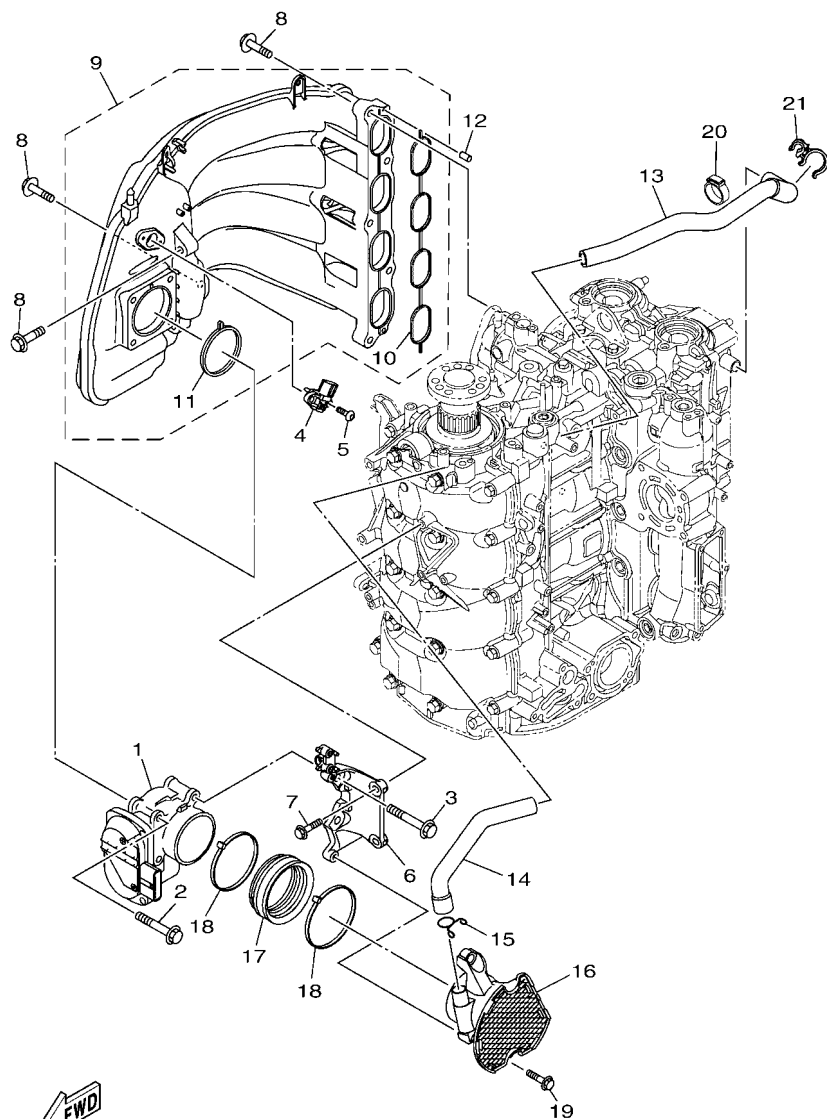


FIG. 6 VALVE

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EK-12111-00	VALVE, INTAKE	8	8				
2	6EK-12121-00	VALVE, EXHAUST	8	8				
3	62Y-12116-00	SEAT, VALVE SPRING	16	16				
4	30X-12114-00	SPRING, VALVE OUTER	16	16				
5	30X-12117-00	RETAINER, VALVE SPRING	16	16				
6	30X-12118-00	LOCK, VALVE SPRING RETAINER	32	32				
7	51Y-12119-00	SEAL, VALVE STEM	16	16				
8	6D8-12153-00	LIFTER, VALVE (12)	16	16				UR
	6D8-12153-10	LIFTER, VALVE (14)	16	16				UR
	6D8-12153-20	LIFTER, VALVE (16)	16	16				UR
	6D8-12153-30	LIFTER, VALVE (18)	16	16				UR
	6D8-12153-40	LIFTER, VALVE (20)	16	16				UR
	6D8-12153-50	LIFTER, VALVE (22)	16	16				UR
	6D8-12153-60	LIFTER, VALVE (24)	16	16				UR
	6D8-12153-70	LIFTER, VALVE (26)	16	16				UR
	6D8-12153-80	LIFTER, VALVE (28)	16	16				UR
	6D8-12153-90	LIFTER, VALVE (30)	16	16				UR
	6D8-12153-A0	LIFTER, VALVE (32)	16	16				UR
	6D8-12153-B0	LIFTER, VALVE (34)	16	16				UR
	6D8-12153-C0	LIFTER, VALVE (36)	16	16				UR
	6D8-12153-D0	LIFTER, VALVE (38)	16	16				UR
	6D8-12153-E0	LIFTER, VALVE (40)	16	16				UR
	6D8-12153-F0	LIFTER, VALVE (42)	16	16				UR
	6D8-12153-G0	LIFTER, VALVE (44)	16	16				UR
	6D8-12153-H0	LIFTER, VALVE (46)	16	16				UR
	6D8-12153-J0	LIFTER, VALVE (48)	16	16				UR
	6D8-12153-K0	LIFTER, VALVE (50)	16	16				UR



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FIG. 7 INTAKE 1

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EM-13751-00	BODY, THROTTLE 1	1	1				
2	95D75-08060	BOLT, FLANGE DEEP RECESS	2	2				
3	90105-08186	BOLT, FLANGE	2	2				
4	68F-83688-10	SENSOR ASSY	1	1				
5	90111-05037	BOLT, HEXAGON SOCKET BUTTON	2	2				
6	6EK-13152-02	STAY 2	1	1				
7	95D75-06025	BOLT, FLANGE DEEP RECESS	2	2				
8	90119-08022	BOLT, WITH WASHER	8	8				
9	6EM-13641-00	MANIFOLD, INTAKE 1	1	1				
10	6EK-13645-00	.GASKET, MANIFOLD 1	1	1				
11	6EK-13646-00	.GASKET, MANIFOLD 2	1	1				
12	91690-50014	PIN, SPRING	2	2				
13	6EK-15373-10	PIPE, BREATHER	1	1				
14	6EK-15393-00	PIPE, BREATHER 2	1	1				
15	90467-23M16	CLIP	1	1				
16	6DA-14440-00	SILENCER ASSY, INTAKE	1	1				
17	6P2-1441J-01	PIPE, SILENCER	1	1				
18	90464-99004	CLAMP	2	2				
19	95D75-06025	BOLT, FLANGE DEEP RECESS	2	2				
20	90464-26001	CLAMP	1	1				
21	90464-21002	CLAMP	1	1				

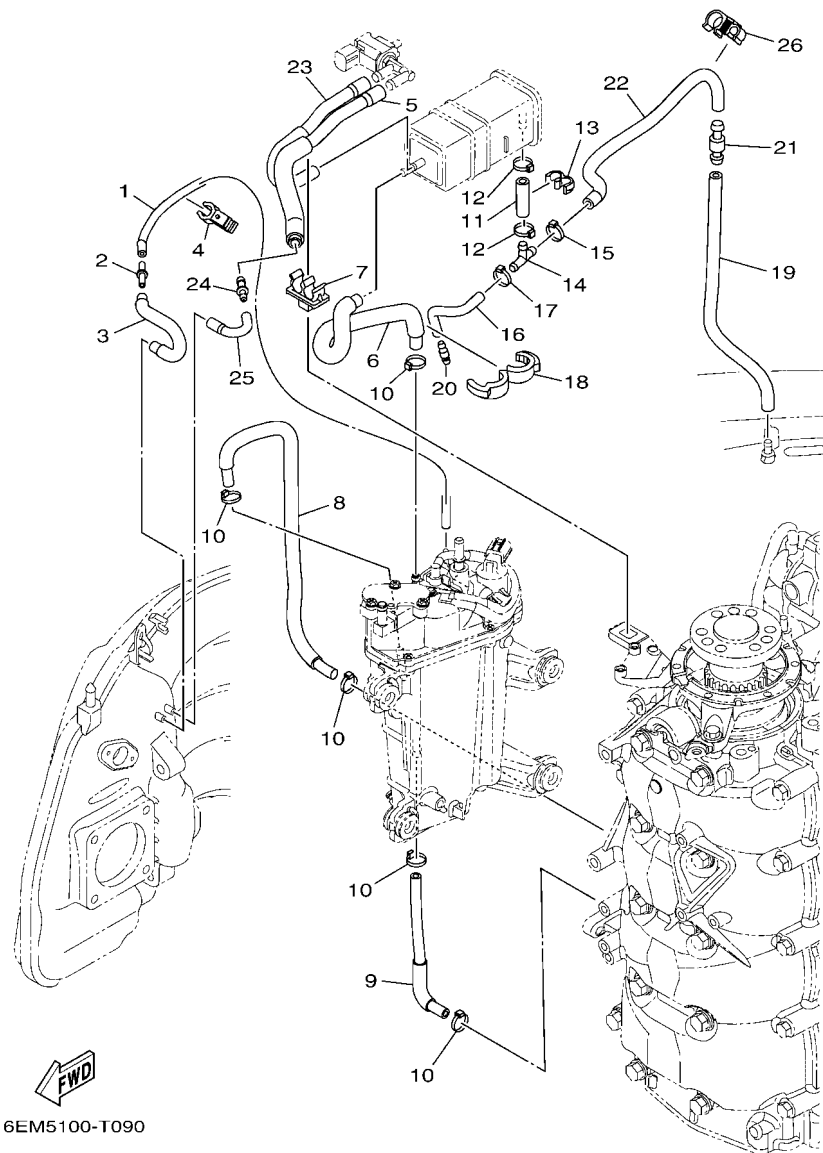
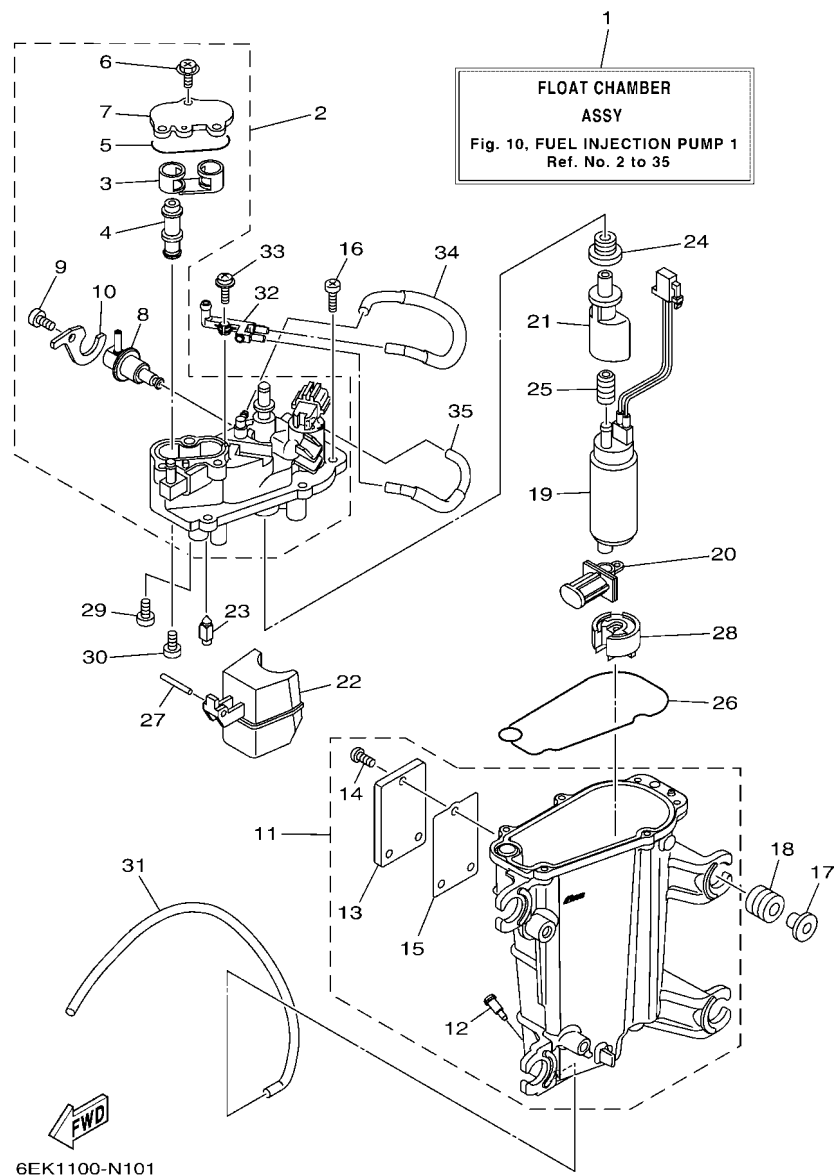


FIG. 9 INTAKE 3

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EK-13532-00	HOSE, VACUUM SENSING 3	1	1				
2	5PS-14568-00	JOINT	1	1				
3	6EM-1475H-00	PIPE 5	1	1				
4	90464-12006	CLAMP	1	1				
5	6EM-2416A-10	HOSE	1	1				
6	6EM-1475A-00	PIPE 1	1	1				
7	90464-11012	CLAMP	1	1				
8	6EK-12576-00	HOSE 1	1	1				
9	6EK-12577-00	HOSE 2	1	1				
10	90465-11M10	CLAMP	5	5				
11	6AW-13545-10	HOSE 1	1	1				
12	90465-11M10	CLAMP	2	2				
13	90464-10M57	CLAMP	1	1				
14	688-24378-00	PIPE, JOINT 3	1	1				
15	90465-11M10	CLAMP	1	1				
16	6EK-13546-00	HOSE 2	1	1				
17	90465-11M10	CLAMP	1	1				
18	90464-16001	CLAMP	1	1				
19	6EK-13547-00	HOSE 3	1	1				
20	6E5-21744-00	BREATHER	1	1				
21	63D-21744-00	BREATHER	1	1				
22	6EK-13548-01	HOSE, AIR 4	1	1				
23	6EK-1475F-10	PIPE 3	1	1				
24	6EK-14989-00	ORIFICE, AIR VENT	1	1				
25	6EM-1475G-00	PIPE 4	1	1				
26	90464-12010	CLAMP	1	1				



6EK1100-N101

FIG. 10 FUEL INJECTION PUMP 1

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EK-14180-04	FLOAT CHAMBER ASSY	1	1				
2	6EK-14182-00	COVER, FLOAT CHAMBER	1	1				
3	6EK-24478-00	.JOINT	1	1				
4	6EK-24481-00	.PLUG	1	1				
5	6CB-13016-00	.O-RING	1	1				
6	6CB-14216-00	.SCREW	3	3				
7	6CB-24217-00	.COVER	1	1				
8	6CB-13906-01	.REGULATOR, PRESSURE	1	1				
9	6CB-14564-00	.SCREW	1	1				
10	6DA-14146-00	.PLATE	1	1				
11	6EK-14181-00	BODY, FLOAT CHAMBER 1	1	1				
12	6P2-14191-00	.PLUG, DRAIN	1	1				
13	6EK-24452-00	.COVER	1	1				
14	6K8-14591-10	.SCREW	3	3				
15	6CB-24482-00	.GASKET 1	1	1				
16	63P-14567-00	SCREW	6	6				
17	63P-13716-00	COLLAR	4	4				
18	6CB-13593-00	DAMPER	4	4				
19	68V-13907-22	FUEL PUMP COMP.	1	1				
20	63P-13915-00	FILTER	1	1				
21	6KA-13132-00	JOINT	1	1				
22	6CB-14985-00	FLOAT	1	1				
23	6CB-14546-00	VALVE, NEEDLE	1	1				
24	6LH-1447B-00	BUSH 1	1	1				
25	6AW-13781-00	DAMPER, PUMP	1	1				
26	6CB-14984-00	GASKET, FLOAT CHAMBER	1	1				
27	6P2-14386-00	PIN, FLOAT	1	1				

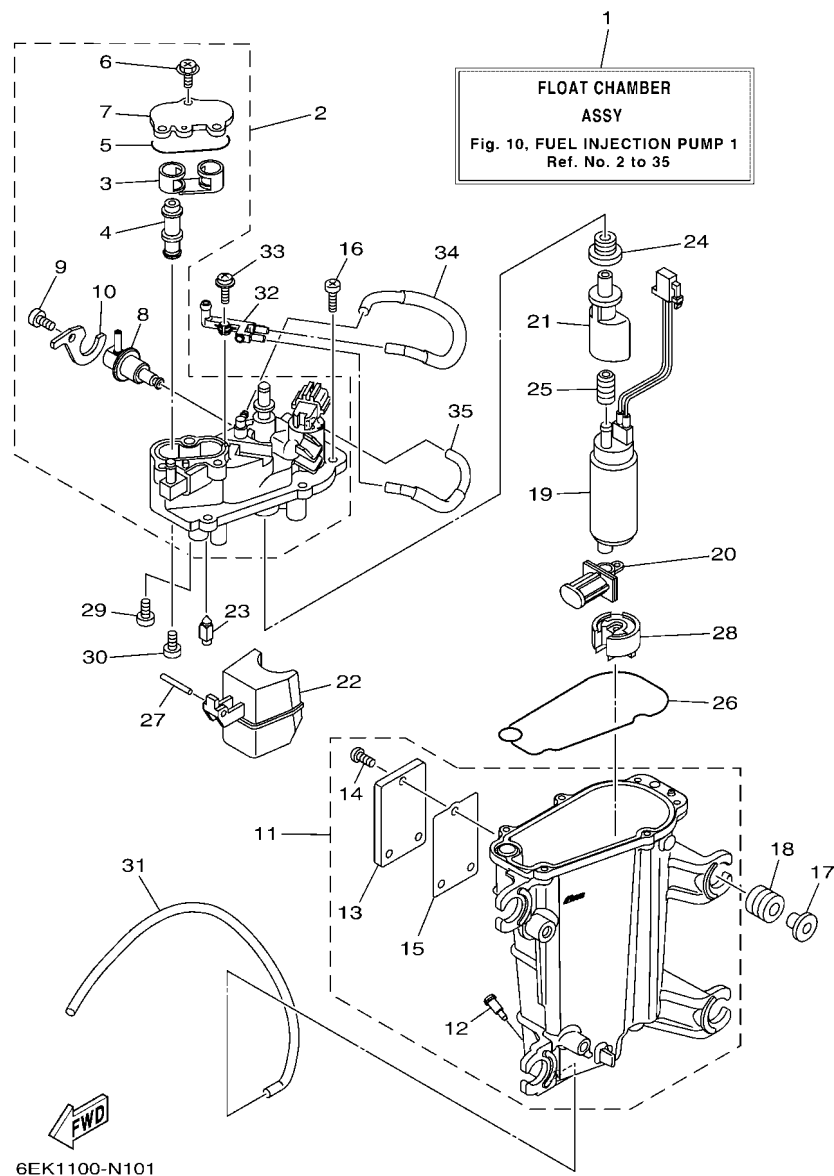
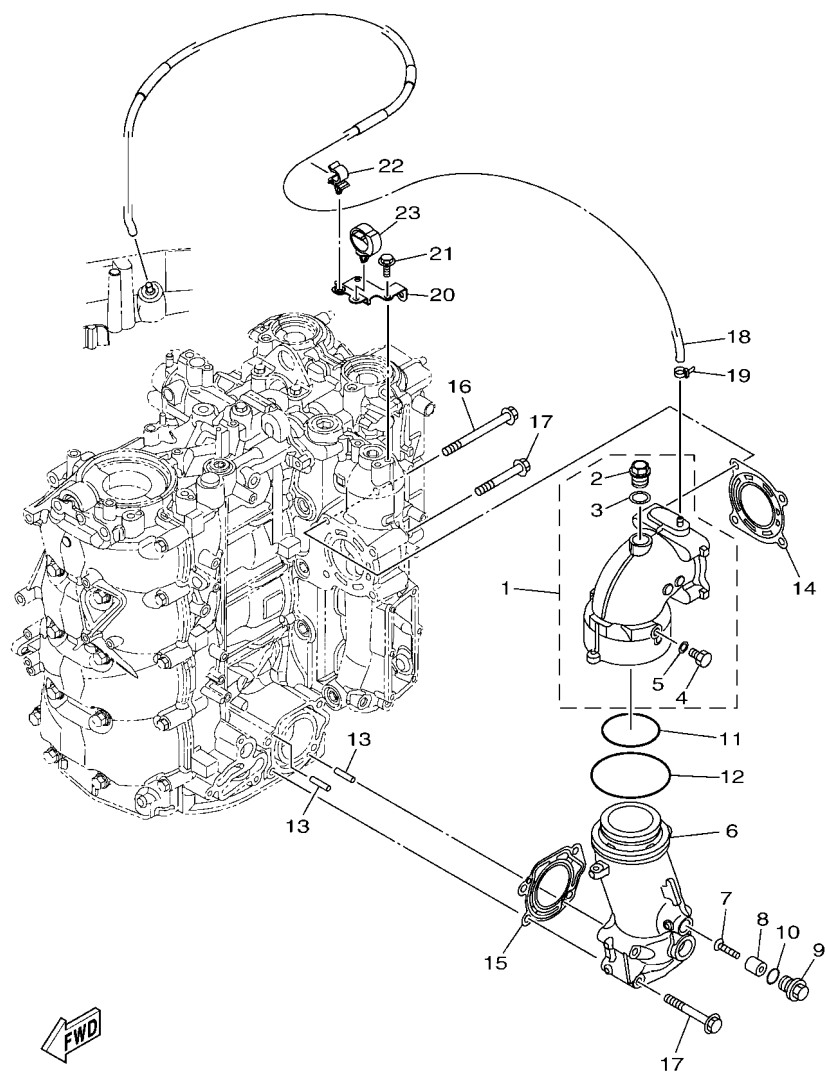


FIG. 10 FUEL INJECTION PUMP 1

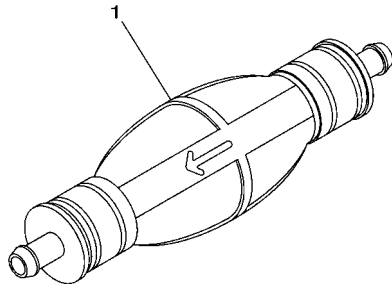
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6EK6100-T120

FIG. 12 EXHAUST

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EK-14615-10	JOINT, EXHAUST 1	1	1				
2	90340-18M09	.PLUG, STRAIGHT SCREW	1	1				
3	90201-186F1	.WASHER, PLATE	1	1				
4	97D95-08014	.BOLT, HEXAGON DEEP RECESS	1	1				
5	90430-08143	.GASKET	1	1				
6	6EK-14625-00	JOINT, EXHAUST 2	1	1				
7	98780-05025	SCREW, FLAT HEAD	1	1				
8	6EK-11325-00	ANODE	1	1				
9	6G8-11197-A0	PLUG, BLIND	1	1				
10	93210-13M63	O-RING	1	1				
11	93210-64001	O-RING	1	1				
12	93210-84001	O-RING	1	1				
13	91690-50014	PIN, SPRING	2	2				
14	6EK-41114-01	GASKET, EXHAUST OUTER COVER	1	1				
15	6EK-41124-01	GASKET, EXHAUST OUTER COVER	1	1				
16	90105-08247	BOLT, FLANGE	2	2				
17	90105-08220	BOLT, FLANGE	6	6				
18	6EM-42542-00	PIPE	1	1				
19	90465-11M10	CLAMP	1	1				
20	6EK-82398-00	PLATE 3	1	1				
21	95D95-06012	BOLT, FLANGE DEEP RECESS	2	2				
22	90464-09129	CLAMP	1	1				
23	90464-12183	CLAMP	1	1				



68VC100-L120

FIG. 14 FUEL 2

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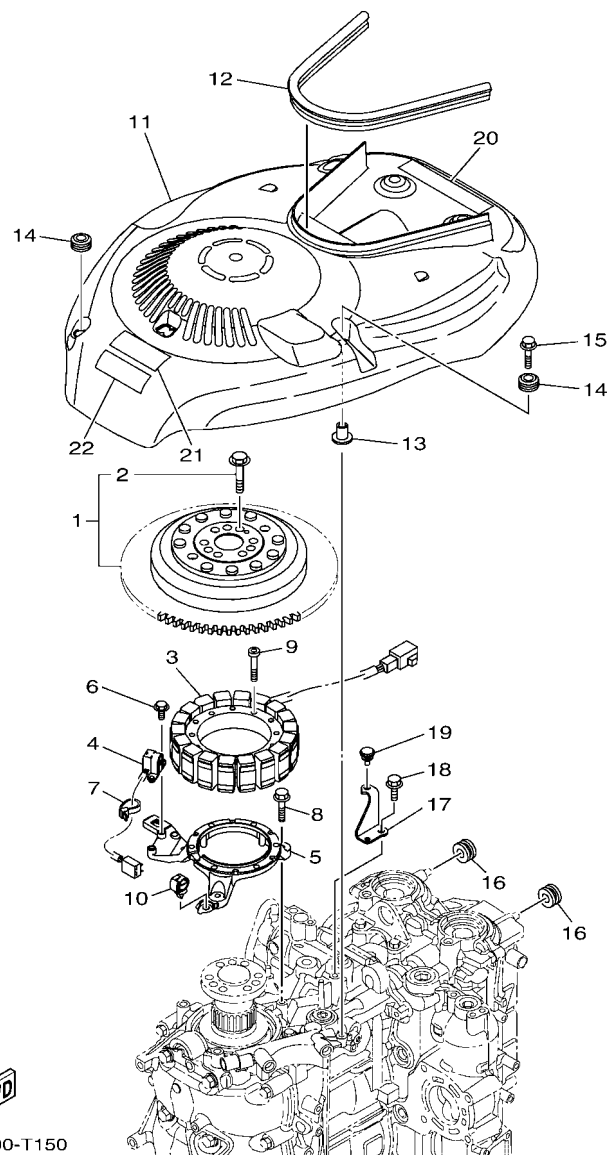
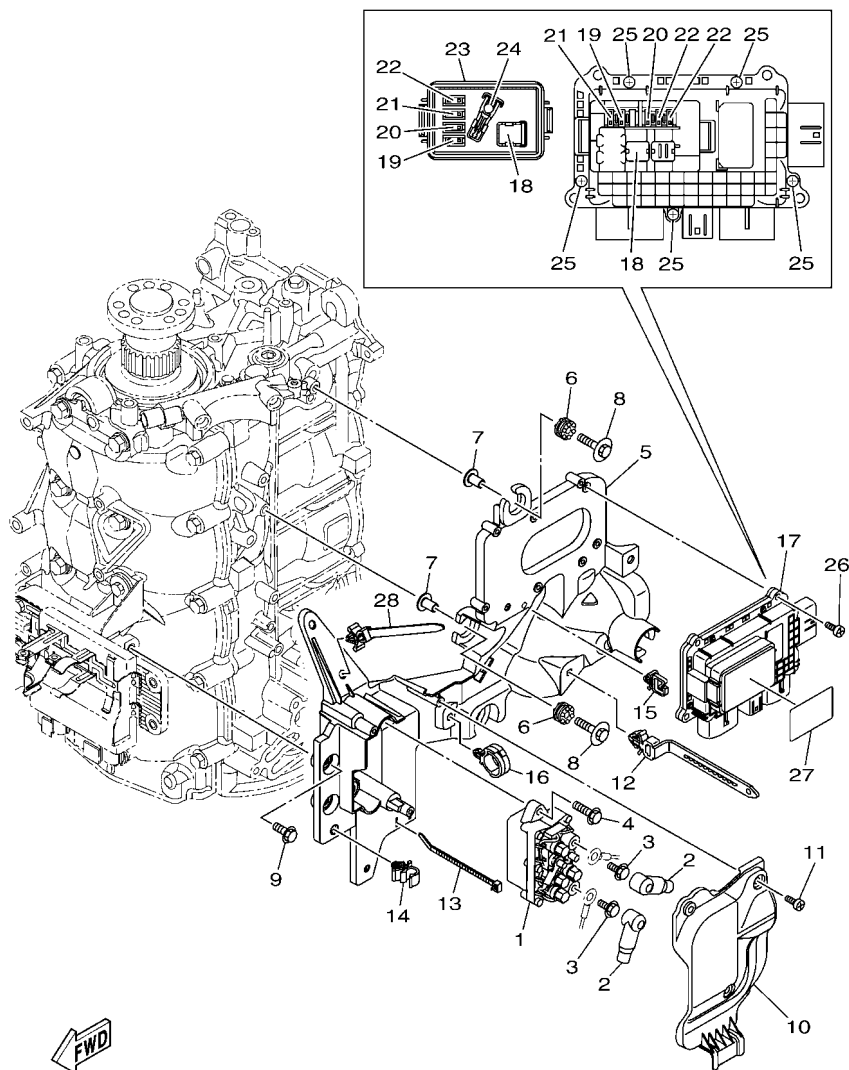


FIG. 15 GENERATOR

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EK-W8145-01	ROTOR ASSY WITH BOLTS	1	1				
2	6EK-W9010-00	.BOLT SET	1	1				
3	6EK-81410-00	STATOR ASSY	1	1				
4	6CB-85580-00	COIL, PULSER	1	1				
5	6EK-85561-00	BASE, MAGNETO	1	1				
6	97595-05516	BOLT, WITH WASHER	2	2				
7	90465-13M97	CLAMP	1	1				
8	95D95-06030	BOLT, FLANGE DEEP RECESS	3	3				
9	91312-06035	BOLT, HEXAGON SOCKET HEAD	6	6				
10	90464-13249	CLAMP	1	1				
11	6EK-81337-01	COVER, FLYWHEEL	1	1				
12	6EK-42617-00	DAMPER, FORM	1	1				
13	90387-06119	COLLAR	1	1				
14	6A0-82317-01	DAMPER, IGNITION COIL	2	2				
15	95D95-06030	BOLT, FLANGE DEEP RECESS	1	1				
16	90480-12314	GROMMET	2	2				
17	6EK-8132G-00	PLATE	1	1				
18	95D95-06016	BOLT, FLANGE DEEP RECESS	1	1				
19	90480-06M19	GROMMET	1	1				
20	6EK-13437-62	MARK, CAUTION	1	1				
21	6EE-81994-40	LABEL, SAFETY	1	1				
22	6EE-81994-50	LABEL, SAFETY	1	1				

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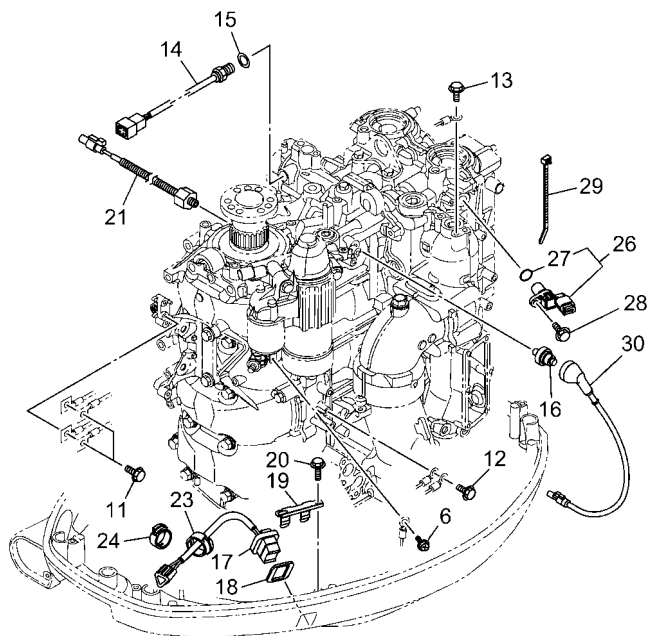
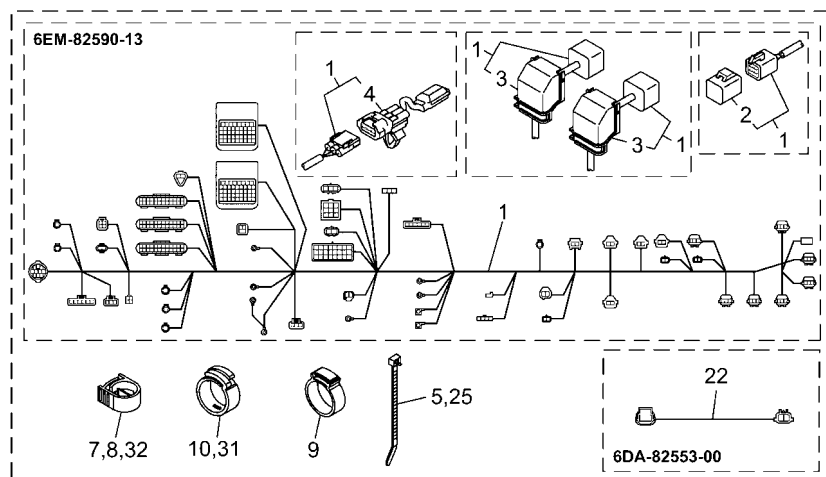
6EM5100-T170

FIG. 17 ELECTRICAL 2

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	63P-81950-00	RELAY ASSY	1	1				
2	682-82119-01	COVER, LEAD WIRE	2	2				
3	97E95-06610	BOLT, HEXAGON W/W DEEP RECESS	2	2				
4	97E95-06520	BOLT, HEXAGON W/W DEEP RECESS	2	2				
5	6EK-81952-10	HOLDER, RELAY	1	1				
6	60V-85564-00	GROMMET	4	4				
7	90387-06176	COLLAR	4	4				
8	68F-85119-00	BOLT	4	4				
9	95D95-06016	BOLT, FLANGE DEEP RECESS	2	2				
10	6EK-81942-10	COVER	1	1				
11	90169-05M00	SCREW, TRUSS HEAD TAPPING	3	3				
12	90465-13M76	CLAMP	1	1				
13	90465-11M52	CLAMP	1	1				
14	90464-10M32	CLAMP	1	1				
15	90464-08004	CLAMP	1	1				
16	90464-12183	CLAMP	1	1				
17	6EM-82170-12	FUSE BOX ASSY	1	1				
18	6FP-82151-01	.FUSE (50A)	2	2				
19	6CB-82151-00	.FUSE (10A)	2	2				
20	6CB-82151-10	.FUSE (15A)	2	2				
21	6CB-82151-20	.FUSE (20A)	2	2				
22	6CB-82151-30	.FUSE (30A)	3	3				
23	6CB-85544-10	.COVER	1	1				
24	6CB-2812A-00	.PULLER, FUSE	1	1				
25	6P2-82113-00	.SCREW (M3)	5	5				
26	97780-50620	SCREW, TAPPING	4	4				
27	6EM-81919-11	GRAPHIC, REGULATOR	1	1				

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6FN9100-X200

FIG. 20 ELECTRICAL 5

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EM-82590-13	WIRE HARNESS ASSY	1	1				
2	6Y8-82582-11	.CAP 1 (4PIN)	1	1				
3	6EM-82599-00	.COVER, CONNECTOR	2	2				
4	6EK-81980-01	.DIODE ASSY	1	1				
5	90465-13M18	CLAMP	1	1				
6	97985-04308	SCREW, WITH WASHER	1	1				
7	90464-18004	CLAMP	1	1				
8	90464-18004	CLAMP	1	1				
9	90464-26001	CLAMP	1	1				
10	90464-16001	CLAMP	1	1				
11	97E95-06516	BOLT, HEXAGON W/W DEEP RECESS	2	2				
12	97E95-06516	BOLT, HEXAGON W/W DEEP RECESS	1	1				
13	97E95-06512	BOLT, HEXAGON W/W DEEP RECESS	1	1				
14	6CJ-85790-00	THERMOSENSOR ASSY	1	1				
15	90430-14115	GASKET	1	1				
16	68V-82504-00	OIL PRESSURE SWITCH ASSY	1	1				
17	69J-82563-01	TRIM & TILT SWITCH ASSY	1	1				
18	69J-82587-01	GASKET	1	1				
19	69J-83614-00	BRACKET	1	1				
20	90109-06M86	BOLT	2	2				
21	6CJ-85780-01	SENSOR, KNOCK	1	1				
22	6DA-82553-00	EXTENSION, WIRE LEAD	1	1				
23	90464-16001	CLAMP	1	1				
24	90464-16001	CLAMP	1	1				
25	90465-13M18	CLAMP	1	1				
26	6P2-85896-00	SENSOR, CAM POSITION	1	1				
27	6P2-85075-00	.O-RING	1	1				

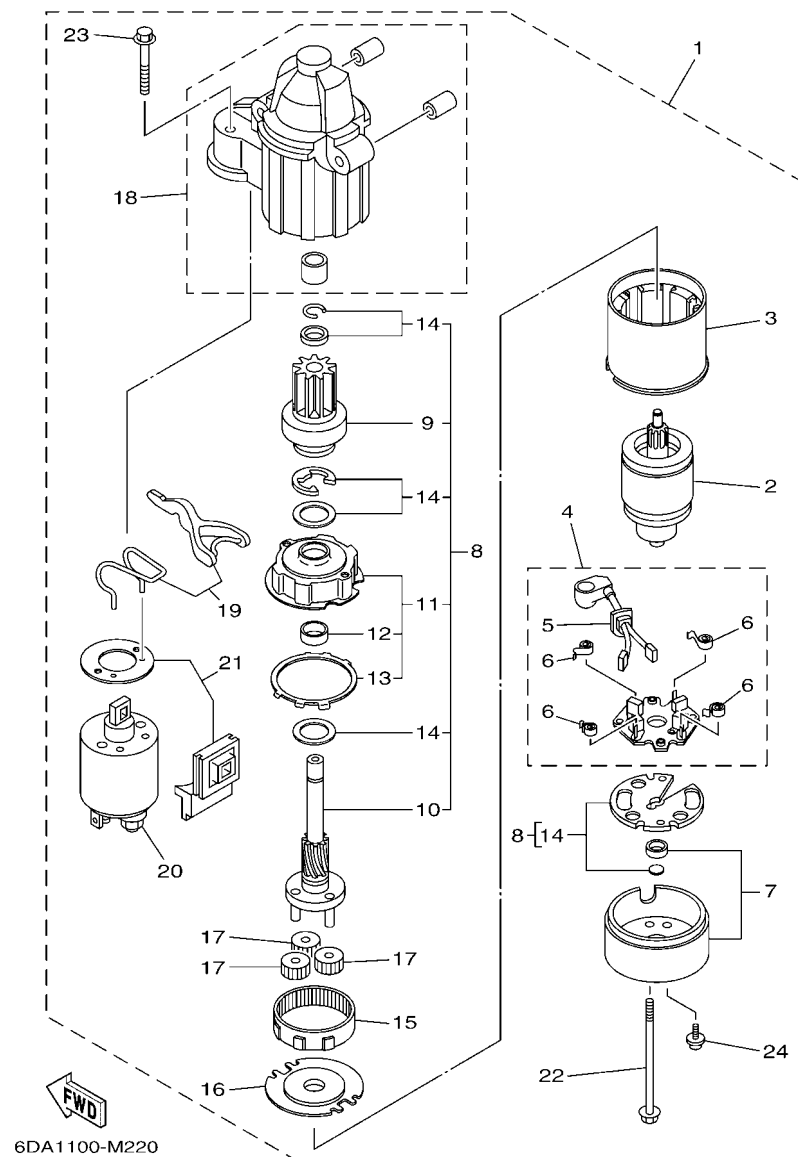


FIG. 21 STARTING MOTOR

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EM-81800-02	STARTING MOTOR ASSY	1	1				
2	67F-81850-00	.ARMATURE ASSY	1	1				
3	67F-81810-00	.STATOR ASSY	1	1				
4	69J-81840-11	.BRUSH HOLDER ASSY	1	1				
5	69J-81801-11	..BRUSH SET	1	1				
6	67F-81813-00	..SPRING, BRUSH	4	4				
7	6CB-81820-00	.REAR BRACKET ASSY	1	1				
8	6CB-81807-00	.GEAR ASSY, STARTING MOTOR	1	1				
9	6CB-81832-00	..CLUTCH, OVER RUN	1	1				
10	6CB-81836-00	..SHAFT, PINION	1	1				
11	67F-81821-00	..BRACKET, CENTER 1	1	1				
12	67F-81841-00	...BEARING	1	1				
13	67F-8183R-00	...GASKET	1	1				
14	6CB-81809-00	..WASHER KIT	1	1				
15	67F-81891-00	.GEAR, RING	1	1				WITH 67F-8183R-00
16	67F-81830-00	.BRACKET, CENTER 2	1	1				
17	60V-8183T-00	.GEAR, IDLER	3	3				
18	6CB-81842-00	.COVER	1	1				
19	6C5-81839-00	.LEVER ASSY	1	1				
20	6EM-81941-01	.STARTER RELAY ASSY	1	1				
21	6C5-81869-00	.COVER, DUST	1	1				
22	6CB-81826-00	.BOLT	2	2				
23	69J-81828-00	.BOLT 2	2	2				
24	67F-81846-00	.SCREW	2	2				



REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EK-42710-01	BOTTOM COWLING ASSY	1	1				
2	90119-08187	BOLT, WITH WASHER	4	4				
3	90480-22M15	GROMMET	4	4				
4	90387-08M37	COLLAR	4	4				
5	6EK-42815-01-8D	LEVER, CLAMP 1	1	1				
6	6EK-42816-01-8D	LEVER, CLAMP 2	1	1				
7	90386-15M73	BUSH	4	4				
8	90201-156J2	WASHER, PLATE	2	2				
9	90206-15M18	WASHER, WAVE	2	2				
10	93210-13M63	O-RING	2	2				
11	6CB-42818-00	LEVER, CLAMP 4	2	2				
12	95D95-08012	BOLT, FLANGE DEEP RECESS	2	2				
13	90506-22001	SPRING, TENSION	2	2				
14	66T-43144-00	HOOK, SPRING	2	2				
15	90109-06M86	BOLT	2	2				
16	6EK-42728-01	CAP	2	2				
17	6EK-42725-10	GROMMET	1	1				
18	90464-20258	CLAMP	1	1				AP
19	68F-42753-00	FASTNER	1	1				AP
20	6CB-42761-00	STOPPER	1	1				
21	90109-06316	BOLT	2	2				
22	6H4-42748-01	GROMMET	3	3				
23	67F-42717-00	RUBBER, SEAL 2	4	4				
24	6E5-82588-00	PLATE	1	1				
25	90109-06M81	BOLT	1	1				
26	688-82594-00	CLAMP	1	1				
27	6EK-42716-01	RUBBER SEAL 1	1	1				

FIG. 22 BOTTOM COWLING 1

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
28	6EE-42794-40	LABEL, WARNING (GENERAL)	1	1				
29	6EE-42794-50	LABEL, WARNING (GENERAL)	1	1				
30	6AH-81996-00	MARK	1	1				

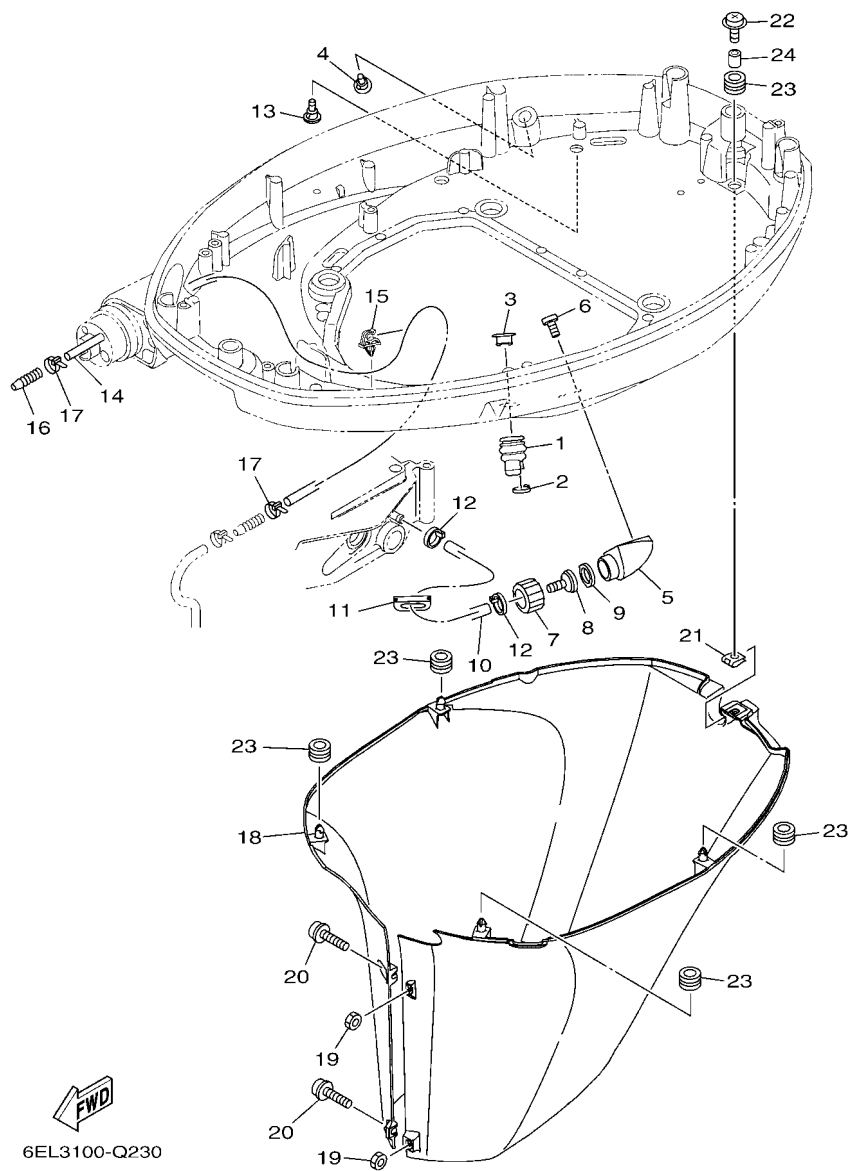


FIG. 23 BOTTOM COWLING 2

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6H1-42726-31	GROMMET	1	1				
2	90465-11M10	CLAMP	1	1				
3	6BG-42384-00	SEAL, CAP	1	1				
4	6P2-44391-00	NIPPLE, HOSE	1	1				
5	6AW-12572-00	ADAPTER	1	1				
6	97780-60520	SCREW, TAPPING	2	2				
7	6R3-12581-00	JOINT, HOSE 1	1	1				
8	6R3-12582-00	JOINT, HOSE 2	1	1				
9	6R3-12583-00	GASKET, HOSE JOINT	1	1				
10	6EK-42541-00	PIPE 1	1	1				
11	6AH-42726-01	GROMMET	1	1				
12	90465-11M10	CLAMP	2	2				
13	6P2-44391-00	NIPPLE, HOSE	1	1				
14	90445-073F9	HOSE (L1200)	1	1				
15	90464-07259	CLAMP	1	1				
16	6E5-83558-00	END, NIPPLE	1	1				
17	90465-11M10	CLAMP	2	2				
18	6EK-42741-00-8D	APRON	1	1				
19	95380-06600	NUT, HEXAGON	2	2				
20	90159-06M28	SCREW, WITH WASHER	2	2				
21	90183-061A8	NUT, SPRING	1	1				
22	90159-06053	SCREW, WITH WASHER	1	1				
23	90480-13M24	GROMMET	5	5				
24	90387-06M43	COLLAR	1	1				

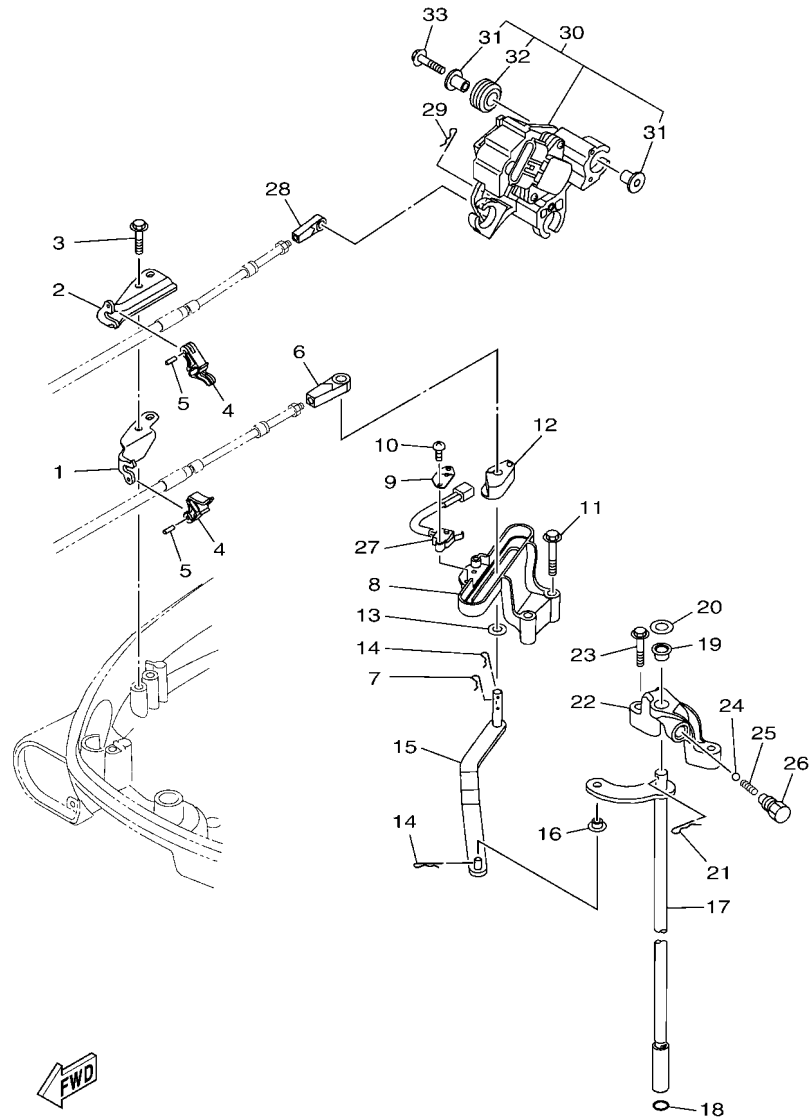


FIG. 24 CONTROL

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EK-48531-01	BRACKET, REMOTE CONTROL 1	1	1				
2	6EK-48532-00	BRACKET, REMOTE CONTROL 2	1	1				
3	90109-06M81	BOLT	2	2				
4	6EK-48538-00	CLAMP, CABLE 1	2	2				
5	91690-30010	PIN, SPRING	2	2				
6	6E5-48344-00	CABLE END, REMOTE CONTROL	1	1				
7	90468-18008	CLIP	1	1				
8	6EK-44117-01	BRACKET	1	1				
9	61A-82588-01	PLATE	1	1				
10	97985-04116	SCREW, WITH WASHER	2	2				
11	95D75-06040	BOLT, FLANGE DEEP RECESS	2	2				
12	63P-44122-00	BUSHING, SHIFT ROD LEVER	1	1				
13	90202-08M20	WASHER, PLATE	1	1				
14	90468-18008	CLIP	2	2				
15	6EK-44121-00	LEVER, SHIFT ROD	1	1				
16	90386-06M12	BUSH	1	1				
17	6EK-44120-01	HANDLE GEAR SHIFT ASSY	1					L(20.3")
	6EK-44120-11	HANDLE GEAR SHIFT ASSY		1				X(25.3")
18	93210-09165	O-RING	1	1				
19	90386-10001	BUSH	1	1				
20	90201-11008	WASHER, PLATE	1	1				
21	90468-180A0	CLIP	1	1				
22	6EK-44118-00	BRACKET	1	1				
23	95D95-06030	BOLT, FLANGE DEEP RECESS	2	2				
24	93501-04M02	BALL	1	1				
25	90501-12082	SPRING, COMPRESSION	1	1				
26	648-42715-00	BUSHING 2	1	1				

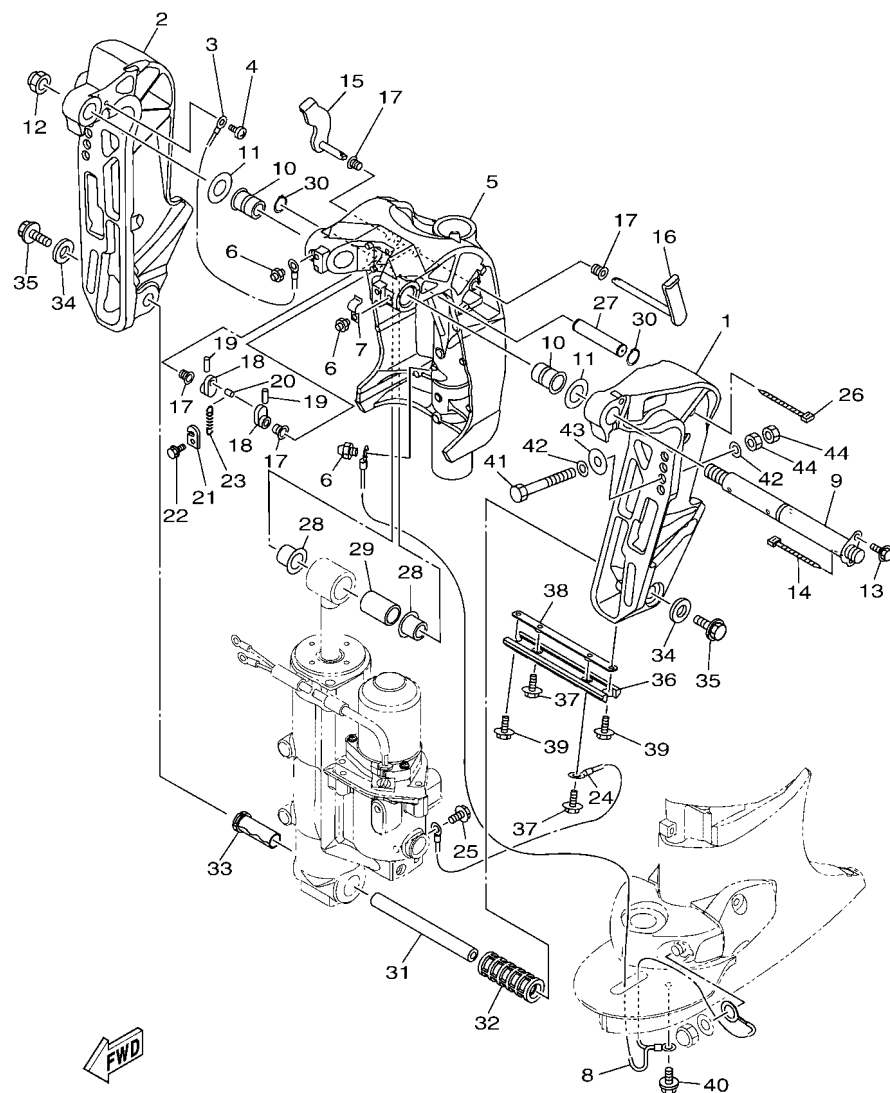
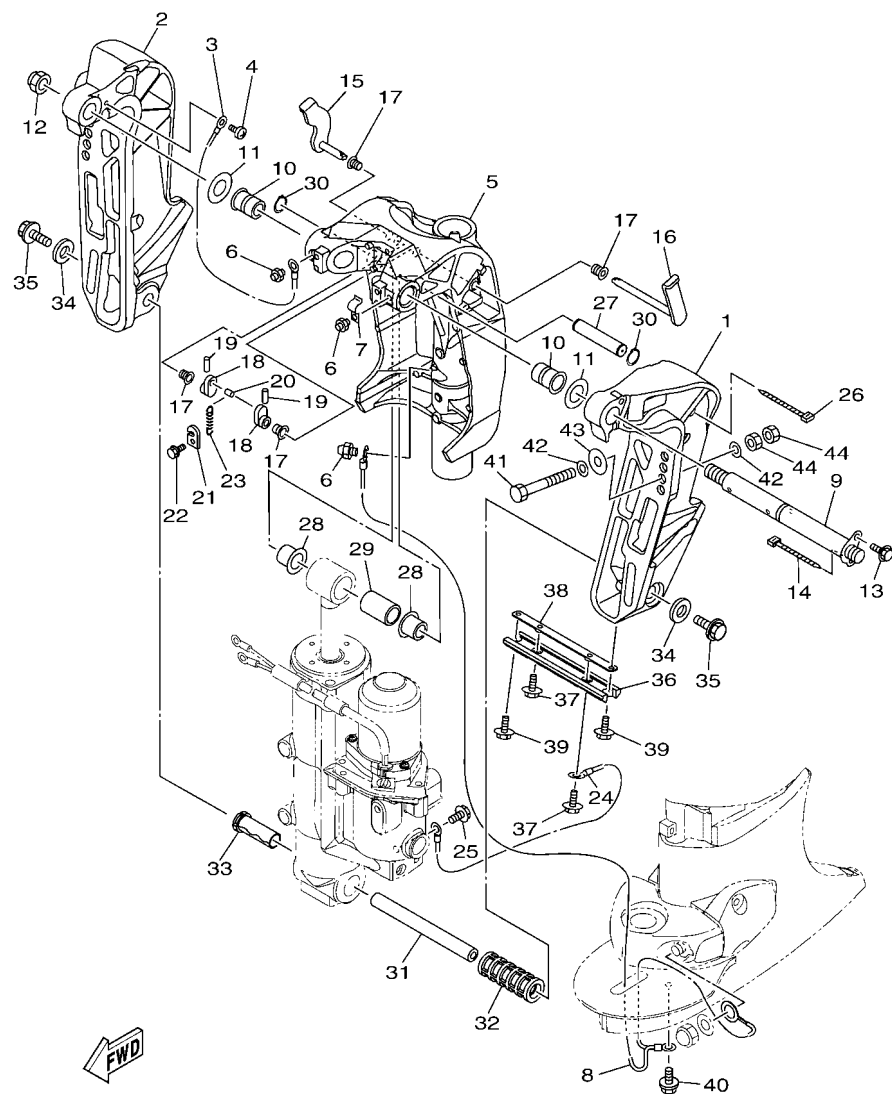


FIG. 25 BRACKET 1

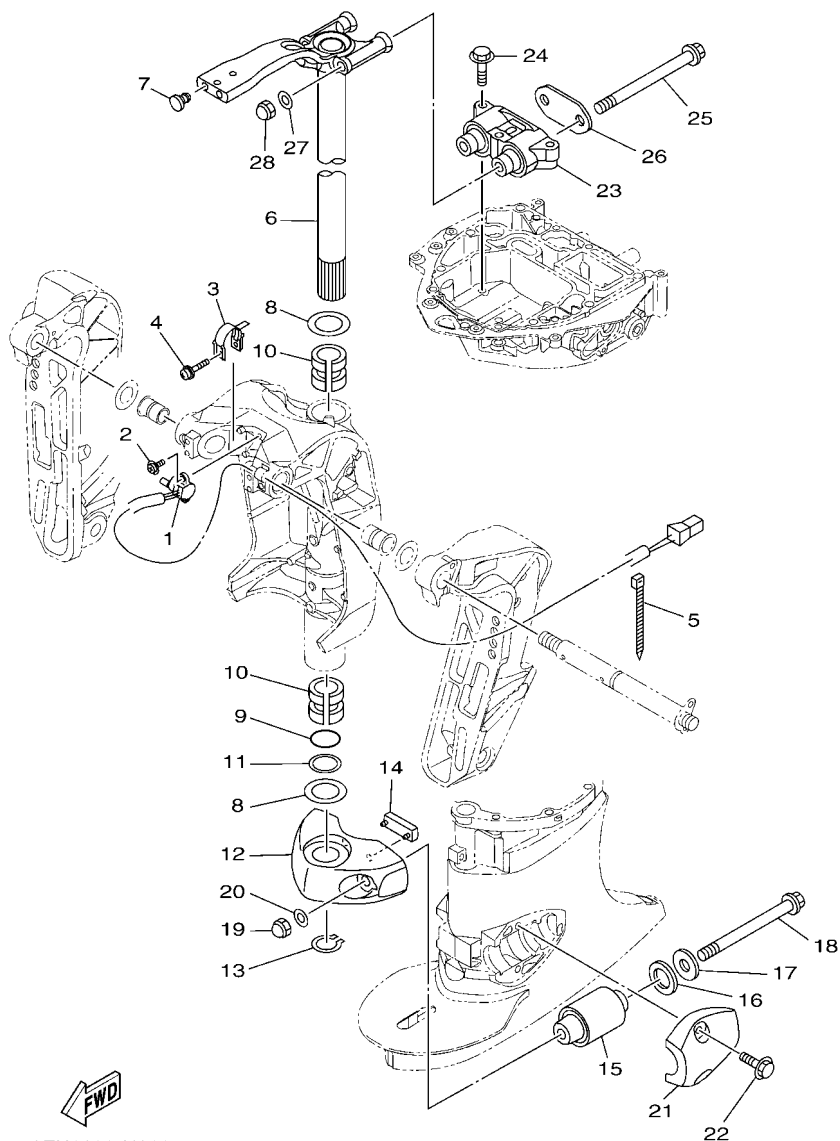
REF. NO.	PART NO.	DESCRIPTION	Q	QA			REMARKS
1	6EK-43111-00-8D	BRACKET, CLAMP 1	1	1			
2	6EK-43112-00-8D	BRACKET, CLAMP 2	1	1			
3	6E5-82148-00	WIRE, LEAD 4	1	1			
4	97885-06008	SCREW, PAN HEAD	1	1			
5	6EK-43311-00-8D	BRACKET, SWIVEL 1	1				L(20.3")
	6EK-43311-10-8D	BRACKET, SWIVEL 1		1			X(25.3")
6	93700-06002	NIPPLE, GREASE	3	3			
7	90465-08M63	CLAMP	1	1			
8	66K-82149-00	WIRE, LEAD 3	1				L(20.3")
	68V-82149-30	WIRE, LEAD 3		1			X(25.3")
9	64E-43131-30	BOLT, CLAMP BRACKET	1	1			
10	90386-25M31	BUSH	2	2			
11	90201-26M59	WASHER, PLATE	2	2			
12	90185-22M11	NUT, SELF-LOCKING	1	1			
13	97E95-08520	BOLT, HEXAGON W/W DEEP RECESS	1	1			
14	90465-11M10	CLAMP	1	1			
15	6EK-43181-00	LEVER, TILT STOP 1	1	1			
16	6EK-43185-00	LEVER, TILT STOP 2	1	1			
17	90386-10M16	BUSH	4	4			
18	6G5-43148-00	COLLAR, DISTANCE	2	2			
19	91690-30020	PIN, SPRING	2	2			
20	90249-06M19	PIN	1	1			
21	66T-43144-00	HOOK, SPRING	1	1			
22	97E95-06512	BOLT, HEXAGON W/W DEEP RECESS	1	1			
23	90506-14M24	SPRING, TENSION	1	1			
24	6D8-82148-00	WIRE, LEAD 4	1	1			
25	97E95-06510	BOLT, HEXAGON W/W DEEP RECESS	1	1			



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FIG. 25 BRACKET 1

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
26	90465-13M18	CLAMP	1	1				
27	6EK-43126-00	PIN, UPPER SHOCK MOUNT	1	1				
28	90386-18M35	BUSH	2	2				
29	90386-18001	BUSH	1	1				
30	93410-18M05	CIRCLIP	2	2				
31	6EK-43818-00	PIN, LOWER SHOCK MOUNT	1	1				
32	6H1-43834-10	PIPE	1	1				
33	90383-20001	BUSH, FORMED	1	1				
34	90201-10060	WASHER, PLATE	2	2				
35	90119-10054	BOLT, WITH WASHER	2	2				
36	6H1-45251-03	ANODE	1	1				
37	90119-06276	BOLT, WITH WASHER	2	2				
38	6EK-44536-00	PLATE 2	1	1				
39	97E95-06616	BOLT, HEXAGON W/W DEEP RECESS	2	2				
40	95D95-06010	BOLT, FLANGE DEEP RECESS	1	1				
41	90101-12065	BOLT (L:130MM)	4					UR L(20.3")
	90101-12065	BOLT (L:130MM)		2				UR X(25.3")
	90101-12066	BOLT (L:150MM)	2	2				UR
42	90201-13M01	WASHER, PLATE	8	8				
43	90201-12426	WASHER, PLATE	4	4				
44	95380-12600	NUT	8	8				



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FIG. 26 BRACKET 2

REF. NO.	PART NO.	DESCRIPTION	LA	XA			REMARKS
1	67H-83672-02	TRIM SENDER	1	1			
2	97985-06216	SCREW, WITH WASHER	2	2			
3	64E-43139-11	CAM, TRIM SENDER	1	1			
4	90159-05059	SCREW, WITH WASHER	1	1			
5	90465-11M10	CLAMP	2	2			
6	6EK-42510-00-8D	STEERING BRACKET ASSY	1				L(20.3")
	6EK-42510-10-8D	STEERING BRACKET ASSY		1			X(25.3")
7	90338-08174	PLUG	2	2			
8	90201-38M60	WASHER, PLATE	2	2			
9	93210-37MH7	O-RING	1	1			
10	90386-38M32	BUSH	2	2			
11	90202-40M47	WASHER, PLATE	1	1			
12	6EK-44551-00-8D	HOUSING, LOWER MOUNT RUBBER 1	1	1			
13	93410-37M04	CIRCLIP	1	1			
14	61A-44575-01	DAMPER, LOWER MOUNT RUBBER	1	1			
15	63P-44555-00	MOUNT DAMPER, LOWER SIDE	2	2			
16	90202-32M19	WASHER, PLATE	2	2			
17	90201-16M55	WASHER, PLATE	2	2			
18	90105-14013	BOLT, FLANGE	2	2			
19	90176-14002	NUT, CAP	2	2			
20	92995-14600	WASHER	2	2			
21	6EK-44553-00-8D	COVER, LOWER MOUNT	2	2			
22	90119-10058	BOLT, WITH WASHER	4	4			
23	6EK-44514-00	MOUNT DAMPER, UPPER SIDE	1	1			
24	95D75-10060	BOLT, FLANGE DEEP RECESS	3	3			
25	90105-14007	BOLT, FLANGE	2	2			
26	6EK-44526-00	PLATE	1	1			

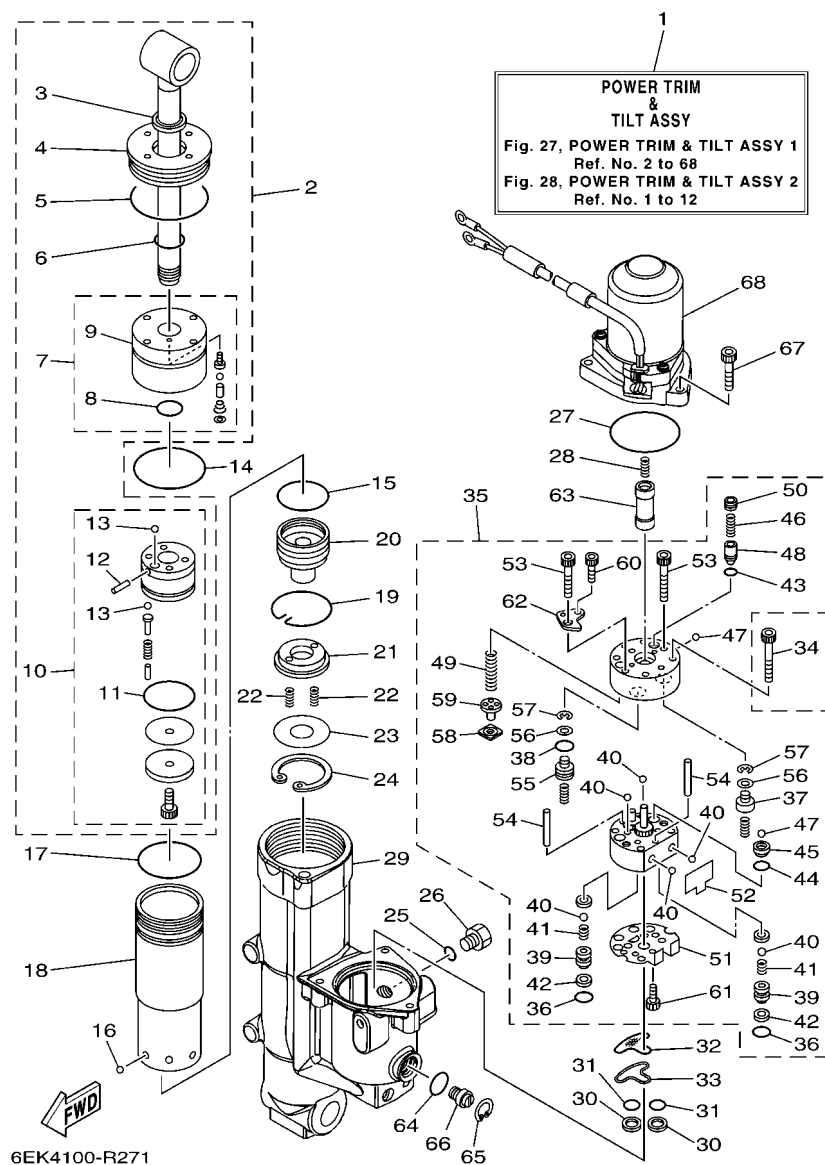


FIG. 27 POWER TRIM & TILT ASSY 1

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EK-43800-04	POWER TRIM & TILT ASSY	1	1				
2	6EK-43810-00	TILT PISTON SUB ASSY	1	1				
3	6H1-43812-00	.SEAL, DUST	1	1				
4	6EK-43821-00	.SCREW, TRIM CYLINDER END	1	1				
5	6EK-43861-00	.O-RING	1	1				
6	6D8-43861-00	.O-RING	1	1				
7	6EK-4380R-00	.CYLINDER END SUB ASSY	1	1				
8	6D8-43861-00	.O-RING	1	1				
9	6EK-43811-00	.SCREW, CYLINDER END	1	1				
10	6EK-4380P-00	.PISTON SUB ASSY	1	1				
11	6H1-43862-00	.O-RING	1	1				
12	91609-16012	.PIN, SPRING	1	1				
13	93505-32038	.BALL	5	5				
14	67F-43865-00	O-RING	1	1				
15	6H1-43862-00	O-RING	1	1				
16	93503-16003	BALL	6	6				
17	7BB-G3861-00	O-RING	1	1				
18	6EK-22471-01	CYLINDER, SHOCK ABSORBER	1	1				
19	6EK-43875-00	RING, SNAP	1	1				
20	6EK-4381B-00	FREE PISTON SUB ASSY	1	1				
21	6EK-43899-00	PLATE STOPPER	1	1				
22	62X-4384H-00	SPRING	2	2				
23	6EK-22434-00	PLATE, VALVE 1	1	1				
24	99009-47500	CIRCLIP	1	1				
25	93210-09165	O-RING	1	1				
26	6EK-43829-00	PLUG, RESERVOIR	1	1				
27	93210-68N50	O-RING	1	1				

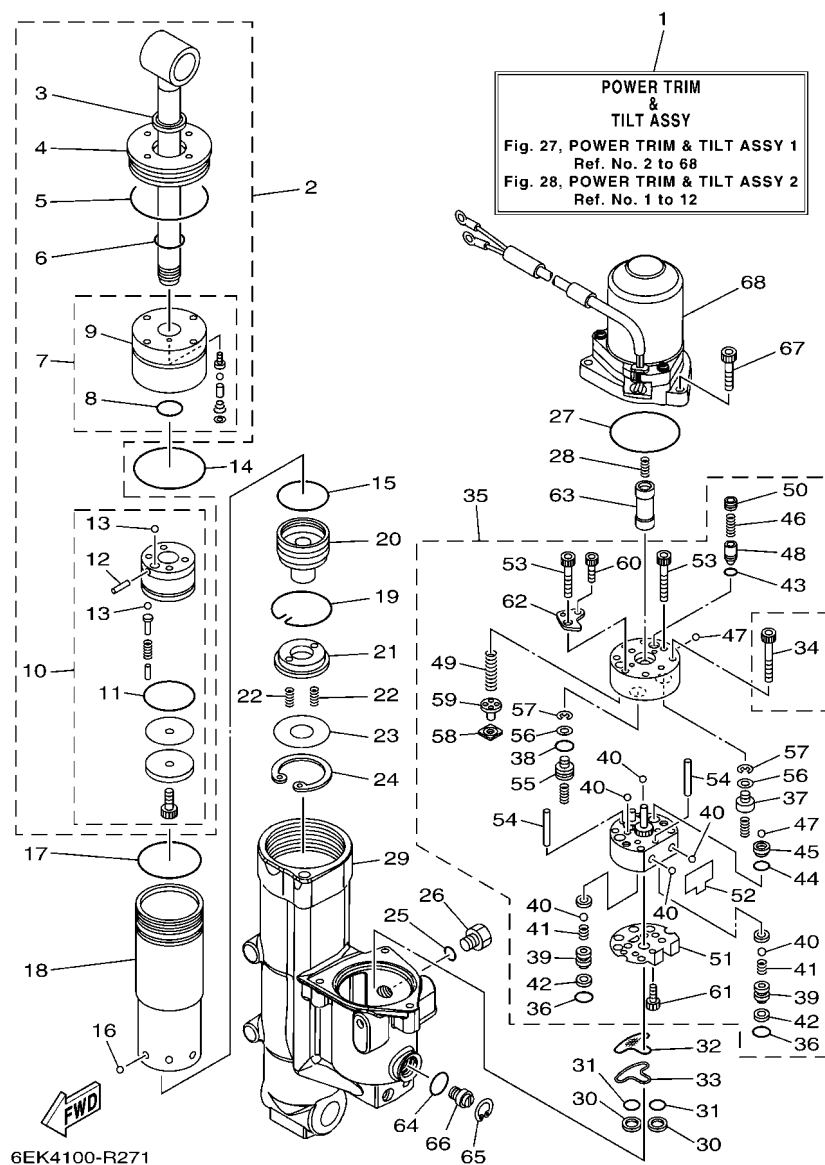


FIG. 27 POWER TRIM & TILT ASSY 1

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
28	62X-4384H-00	SPRING	1	1				
29	6EK-4380K-04	CYLINDER, TILT SUB ASSY	1	1				
30	6C6-43817-00	FILTER 2	2	2				
31	69J-4389J-00	O-RING	2	2				
32	6C5-43816-00	FILTER 1	1	1				
33	6C5-4380G-00	PLATE	1	1				
34	91318-05045	BOLT	4	4				
35	6EK-43830-00	GEAR PUMP ASSY	1	1				
36	69J-4389J-00	.O-RING	2	2				
37	6D8-4384M-00	.PISTON, SHUTTLE 2	1	1				
38	6H1-43883-00	.O-RING	1	1				
39	6EK-4382E-00	.ADAPTOR 2	2	2				
40	93505-32038	.BALL	6	6				
41	6C6-43853-00	.SPRING, MAIN VALVE	2	2				
42	6C6-4387G-00	.WASHER	2	2				
43	93210-04N51	.O-RING	1	1				
44	93210-064A5	.O-RING	1	1				
45	6D8-43851-00	.SEAT, RELIEF VALVE	1	1				
46	6C5-43855-10	.SPRING, UP RELIEF	1	1				
47	93501-08001	.BALL	2	2				
48	6D8-43844-00	.PIN, VALVE SUPPORT	1	1				
49	6EK-43856-00	.SPRING, DOWN RELIEF	1	1				
50	6D8-43843-00	.SCREW, VALVE LOCK	1	1				
51	6C5-43895-00	.SEAT, RELIEF VALVE	1	1				
52	6C5-43854-00	.SPRING, MANUAL RELEASE	1	1				
53	91318-05030	.BOLT	2	2				
54	93604-26256	.PIN, DOWEL	2	2				

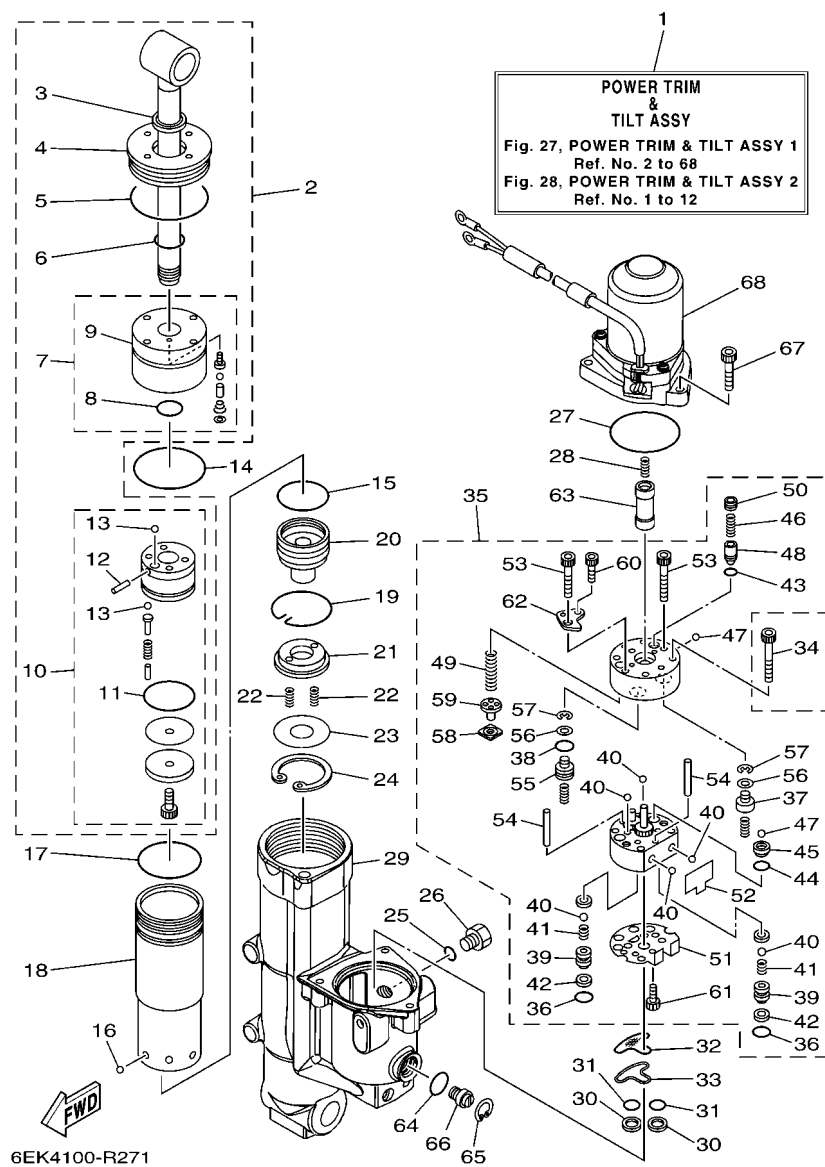


FIG. 27 POWER TRIM & TILT ASSY 1

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
55	6D8-43841-00	.PISTON, SHUTTLE	1	1				
56	69A-4384F-00	.SEAL, MAIN VALVE	2	2				
57	99002-03600	.CIRCLIP	2	2				
58	6H1-4384G-11	.SEAL, RELIEF VALVE	1	1				
59	6H1-43844-10	.PIN, VALVE SUPPORT	1	1				
60	91318-03025	.BOLT	2	2				
61	91318-03005	.BOLT	1	1				
62	6D8-4382L-00	.CAP, RELIEF VALVE	1	1				
63	6EK-43831-00	CONNECTOR, SHAFT	1	1				
64	6D8-43863-00	O-RING	1	1				
65	6H1-43875-00	RING, SNAP	1	1				
66	6EK-43845-00	SCREW, MANUAL RELEASE	1	1				
67	91380-06025	BOLT	3	3				
68	6EK-43880-13	MOTOR ASSY	1	1				REFER TO FIG.28

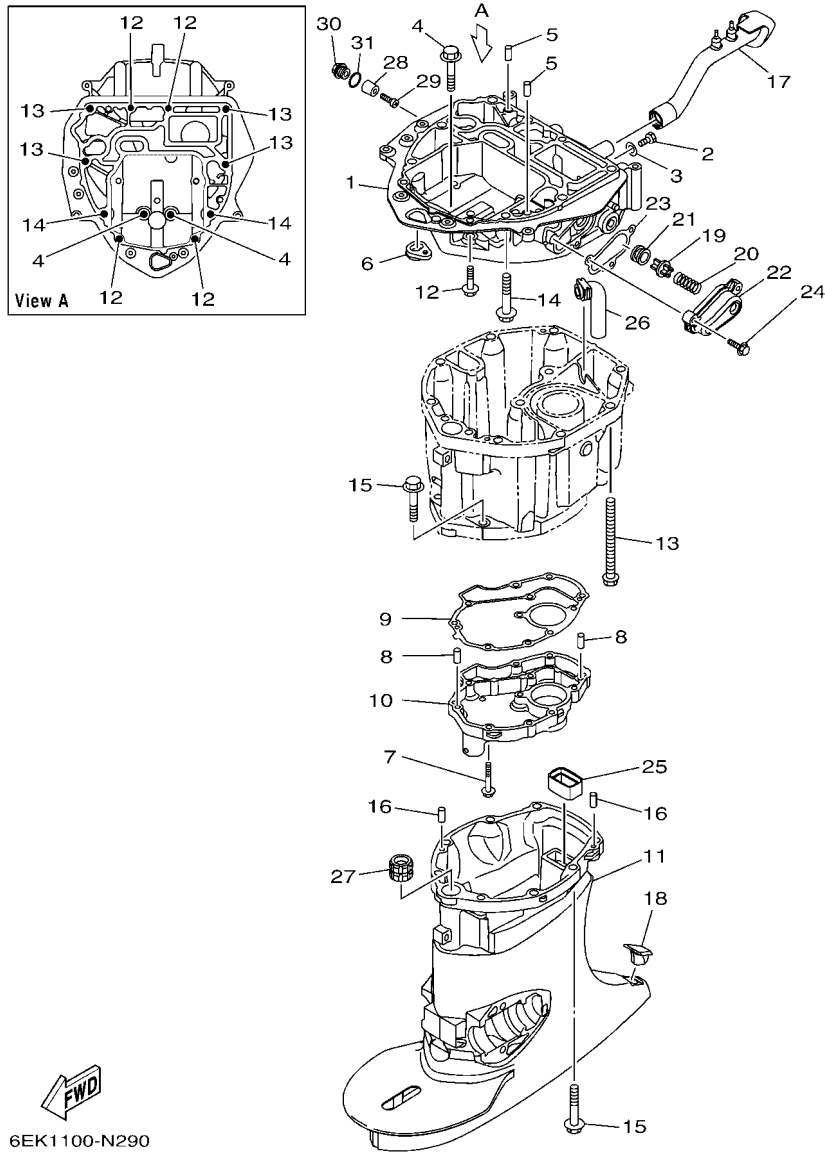


FIG. 29 UPPER CASING

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EK-41137-01	GUIDE, EXHAUST	1	1				
2	97D95-08014	BOLT, HEXAGON DEEP RECESS	1	1				
3	90430-08143	GASKET	1	1				
4	97E75-10545	BOLT, HEXAGON W/W DEEP RECESS	2	2				
5	93608-12M05	PIN, DOWEL	2	2				
6	6EK-42727-01	GROMMET	1	1				
7	95D95-06030	BOLT, FLANGE DEEP RECESS	11	11				
8	93606-12019	PIN, DOWEL	2	2				
9	6EK-41134-00	GASKET, EXHAUST MANIFOLD	1	1				
10	6EK-45181-01	PLATE	1	1				
11	6EK-45111-00-8D	CASING, UPPER	1					L(20.3")
	6EK-45111-10-8D	CASING, UPPER		1				X(25.3")
12	97E75-08535	BOLT, HEXAGON W/W DEEP RECESS	4	4				
13	90119-10007	BOLT, WITH WASHER	4	4				
14	97E75-10545	BOLT, HEXAGON W/W DEEP RECESS	2	2				
15	97E75-10545	BOLT, HEXAGON W/W DEEP RECESS	8	8				
16	93606-12019	PIN, DOWEL	2	2				
17	6EK-42769-01	SEAL, RUBBER	1	1				
18	6C5-45155-02	CAP	1	1				
19	6G5-12416-00	VALVE, PRESSURE CONTROL	1	1				
20	90501-200A2	SPRING, COMPRESSION	1	1				
21	90480-20M05	GROMMET	1	1				
22	6EK-1246A-00-9S	COVER 1	1	1				
23	6EK-12435-A0	GASKET	1	1				
24	95D95-06025	BOLT, FLANGE DEEP RECESS	3	3				
25	67F-45127-00	SEAL	1	1				
26	6EK-45135-00	PIPE	1	1				

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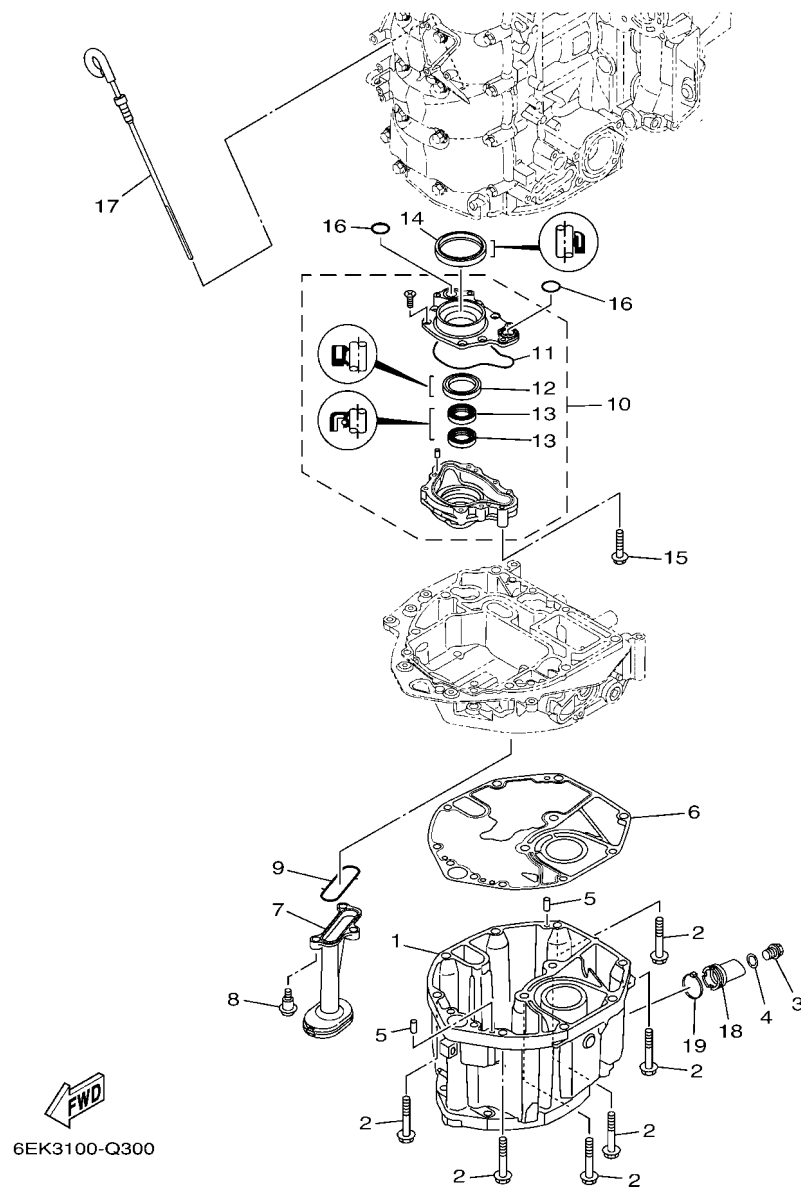


FIG. 30 OIL PAN

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EK-15311-01	OIL PAN	1	1				
2	97E75-10545	BOLT, HEXAGON W/W DEEP RECESS	6	6				
3	90340-14M06	PLUG, STRAIGHT SCREW	1	1				
4	90430-14M09	GASKET	1	1				
5	93606-12019	PIN, DOWEL	2	2				
6	6EK-15312-01	GASKET, OIL PAN	1	1				
7	67F-13411-00	STRAINER, OIL	1	1				
8	90109-06292	BOLT	3	3				
9	67F-13415-00	SEAL, OIL STRAINER	1	1				
10	6EK-13300-00	OIL PUMP ASSY	1	1				
11	6EK-13329-00	GASKET, PUMP COVER	1	1				
12	6AW-13119-00	OIL SEAL	1	1				
13	69J-13631-00	OIL SEAL	2	2				
14	69J-11355-00	SEAL, CYLINDER 1	1	1				
15	90105-06151	BOLT, FLANGE	4	4				
16	93210-19MJ1	O-RING	2	2				
17	6EK-15362-10	PLUG, OIL LEVEL	1	1				
18	6EK-15316-00	DAMPER 1	1	1				
19	90465-11M59	CLAMP	1	1				

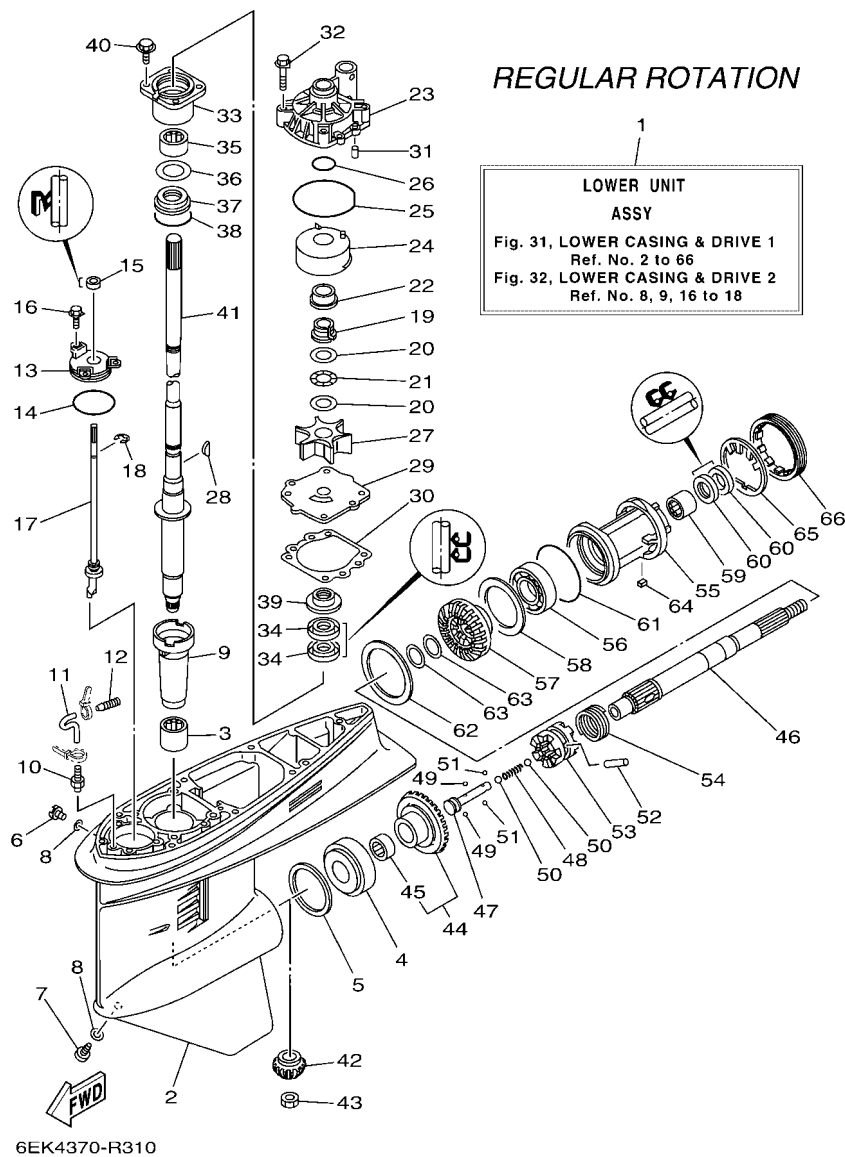


FIG. 31 LOWER CASING & DRIVE 1

REF. NO.	PART NO.	DESCRIPTION	LA	XA			REMARKS
1	6EM-45300-03-8D	LOWER UNIT ASSY	1				L(20.3"),RH
	6EM-45300-13-8D	LOWER UNIT ASSY		1			X(25.3"),RH
2	6E5-45301-07-8D	CASING, LOWER	1	1			
3	93315-628U9	BEARING	1	1			
4	93332-000U7	BEARING	1	1			
5	6E5-45567-01	SHIM (T:0.10MM)	1	1			UR
	6E5-45567-10	SHIM (T:0.12MM)	1	1			UR
	6E5-45567-20	SHIM (T:0.15MM)	1	1			UR
	6E5-45567-30	SHIM (T:0.18MM)	1	1			UR
	6E5-45567-40	SHIM (T:0.30MM)	1	1			UR
	6E5-45567-50	SHIM (T:0.40MM)	1	1			UR
	6E5-45567-60	SHIM (T:0.50MM)	1	1			UR
6	90340-08002	PLUG, STRAIGHT SCREW	1	1			
7	688-45341-10	PLUG, DRAIN	1	1			
8	90430-08003	GASKET	2	2			
9	6E5-45536-00	SLEEVE, DRIVE SHAFT	1	1			
10	6E5-45378-00	NIPPLE, HOSE	1	1			
11	90445-07ME8	HOSE (L80)	1				L(20.3")
	90445-07ME9	HOSE (L120)		1			X(25.3")
12	6E5-83558-10	END, NIPPLE	1	1			
13	6E5-45321-00	PLATE	1	1			
14	93210-58144	O-RING	1	1			
15	93106-09014	OIL SEAL	1	1			
16	90119-06286	BOLT, WITH WASHER	3	3			
17	6E5-44150-03	SHIFT CAM ASSY	1	1			
18	99001-08600	CIRCLIP	1	1			
19	61A-45538-00	SPACER 1	1	1			

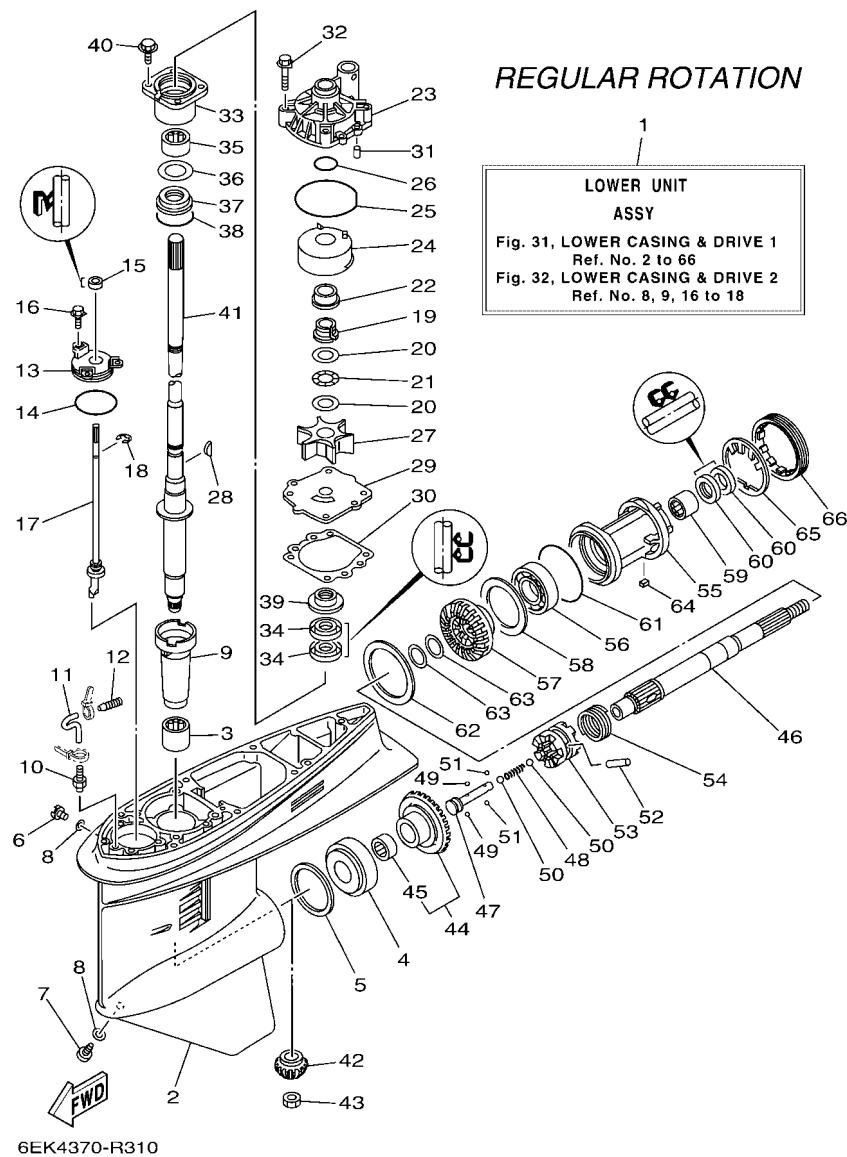


FIG. 31 LOWER CASING & DRIVE 1

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
20	90201-22M01	WASHER, PLATE	2	2				
21	90206-22M19	WASHER, WAVE	1	1				
22	61A-45527-00	COLLAR, DRIVE SHAFT	1	1				
23	61A-44311-01	HOUSING, WATER PUMP	1	1				
24	61A-44322-02	INSERT, CARTRIDGE	1	1				
25	93210-86M38	O-RING	1	1				
26	93210-37160	O-RING	1	1				
27	6E5-44352-01	IMPELLER	1	1				
28	90280-04M05	KEY, WOODRUFF	1	1				
29	6EK-44323-00	OUTER PLATE, CARTRIDGE	1	1				
30	6E5-44315-A0	GASKET, WATER PUMP	1	1				
31	93606-12019	PIN, DOWEL	2	2				
32	90119-08191	BOLT, WITH WASHER	4	4				
33	6E5-45331-00-9S	HOUSING, BEARING	1	1				
34	93101-28M16	OIL SEAL	2	2				
35	93317-330U2	BEARING	1	1				
36	6E5-45587-01	SHIM (T:0.10MM)	1	1				UR
	6E5-45587-10	SHIM (T:0.12MM)	1	1				UR
	6E5-45587-20	SHIM (T:0.15MM)	1	1				UR
	6E5-45587-30	SHIM (T:0.18MM)	1	1				UR
	6E5-45587-40	SHIM (T:0.30MM)	1	1				UR
	6E5-45587-50	SHIM (T:0.40MM)	1	1				UR
	6E5-45587-60	SHIM (T:0.50MM)	1	1				UR
37	93341-930V2	BEARING	1	1				
38	93210-55M14	O-RING	1	1				
39	6E5-45344-00	COVER, OIL SEAL	1	1				
40	97E95-08525	BOLT, HEXAGON W/W DEEP RECESS	4	4				

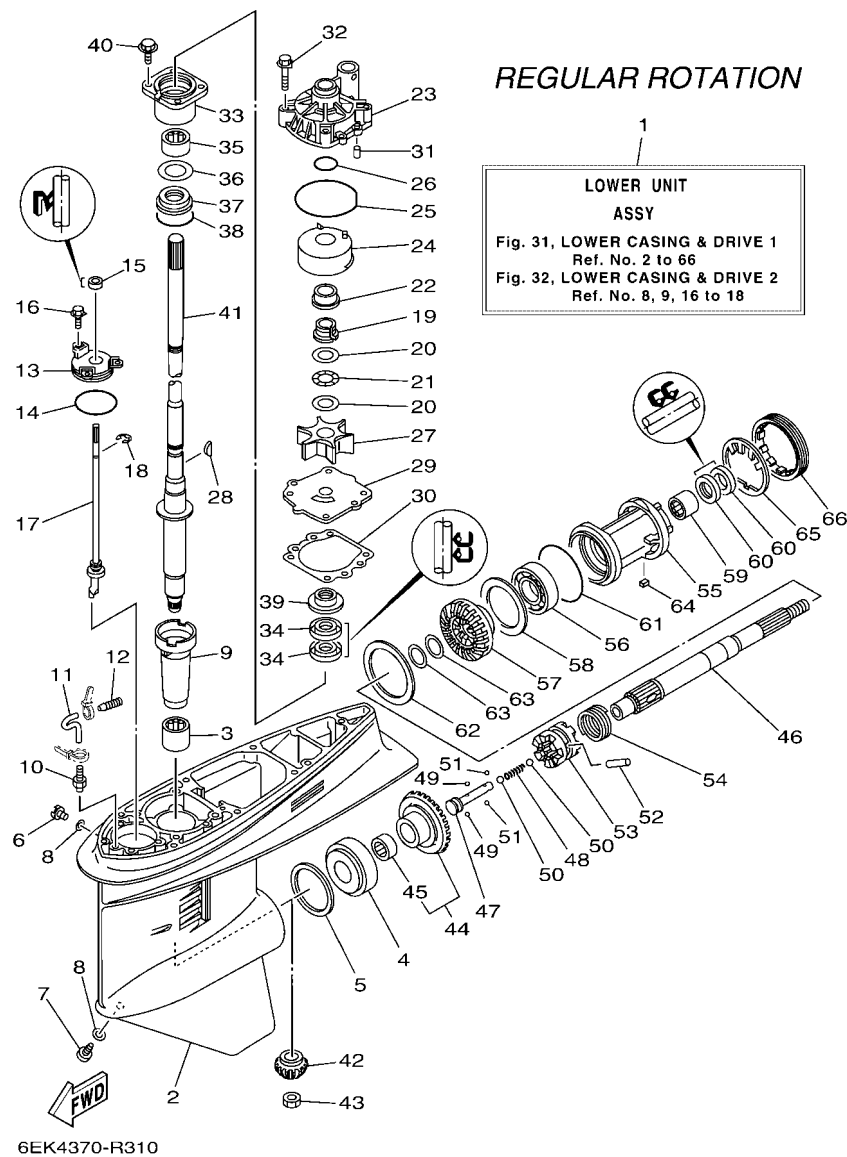


FIG. 31 LOWER CASING & DRIVE 1

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
41	6EK-45501-00	DRIVE SHAFT COMP.	1					L(20.3")
	6EK-45501-10	DRIVE SHAFT COMP.		1				X(25.3")
42	6EM-45551-00	PINION (13T)	1	1				
43	90170-16M01	NUT	1	1				
44	6EM-45560-00	GEAR 1 (28T)	1	1				
45	93315-425U7	.BEARING	1	1				
46	6E5-45611-01	SHAFT, PROPELLER	1	1				
47	6E5-45634-02	SLIDE, SHIFT	1	1				
48	90501-16M37	SPRING, COMPRESSION	1	1				
49	93507-32009	BALL	2	2				
50	93511-32017	BALL	2	2				
51	93503-16003	BALL	2	2				
52	90250-08M07	PIN, STRAIGHT	1	1				
53	68V-45631-02	CLUTCH, DOG	1	1				
54	6E5-45633-01	RING, CROSS PIN	1	1				
55	6E5-45332-00-CA	HOUSING, BEARING	1	1				
56	93306-208U0	BEARING	1	1				
57	68V-45571-00	GEAR 2 (28T)	1	1				
58	6E5-45576-00	WASHER, THRUST 2	1	1				
59	93315-430U8	BEARING	1	1				
60	93101-30M17	OIL SEAL	2	2				
61	93210-86M39	O-RING	1	1				
62	6L6-45577-00	SHIM (T:0.10MM)	1	1				UR
	6L6-45577-10	SHIM (T:0.12MM)	1	1				UR
	6L6-45577-20	SHIM (T:0.15MM)	1	1				UR
	6L6-45577-30	SHIM (T:0.18MM)	1	1				UR
	6L6-45577-40	SHIM (T:0.30MM)	1	1				UR

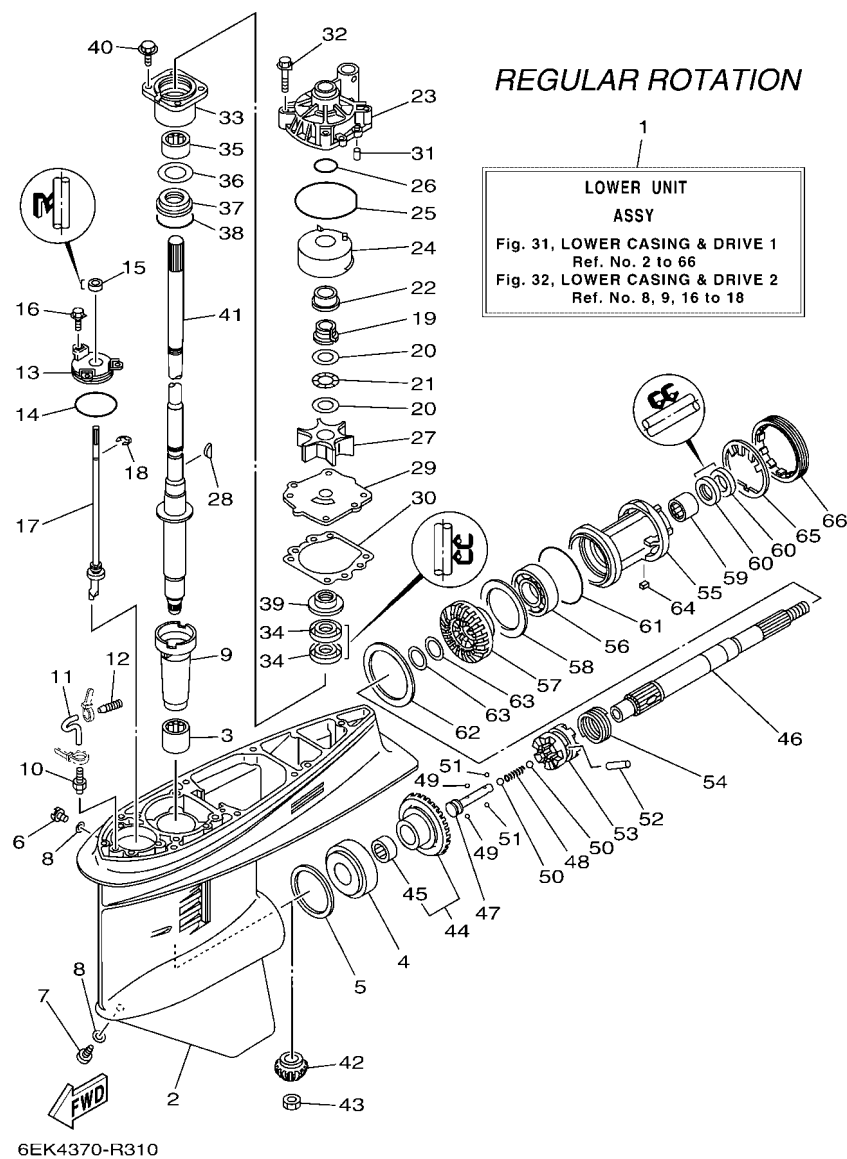
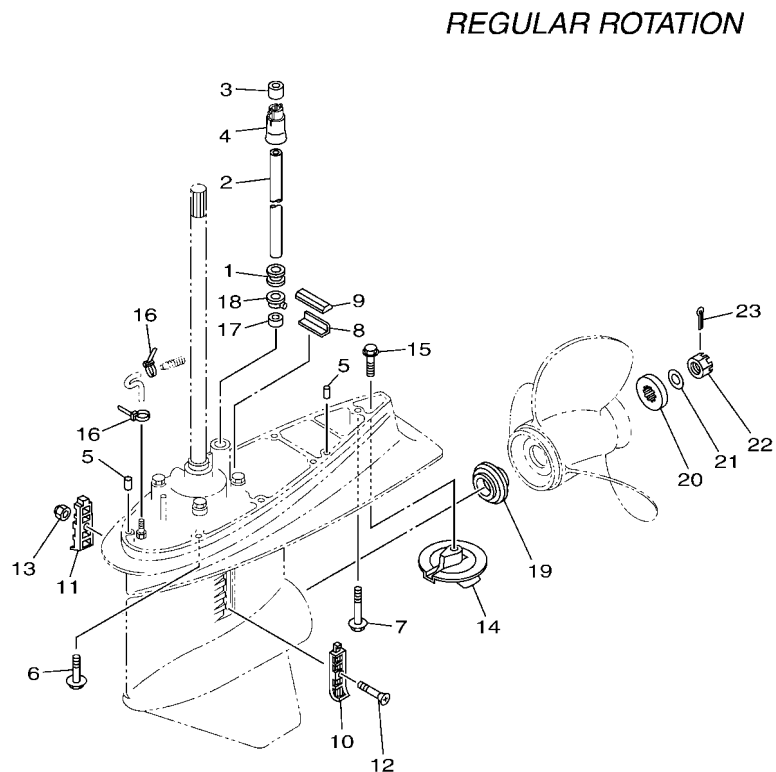


FIG. 31 LOWER CASING & DRIVE 1



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6EM7100-V320

FIG. 32 LOWER CASING & DRIVE 2

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6E5-44366-01	DAMPER, WATER SEAL 2	1	1				
2	90440-16001	PIPE (L167)	1					L(20.3")
	90440-16002	PIPE (L294)		1				X(25.3")
3	6EK-44365-01	DAMPER, WATER SEAL 1	1	1				
4	6EK-44379-00	GUIDE, WATER TUBE	1	1				
5	93608-12M05	PIN, DOWEL	2	2				
6	97E95-10545	BOLT, HEXAGON W/W DEEP RECESS	6	6				
7	90119-10071	BOLT, WITH WASHER	1	1				
8	663-45376-00	GUIDE, SEAL DAMPER	1	1				
9	688-45375-00	DAMPER, SEAL	1	1				
10	688-45214-02	COVER, WATER INLET 1	1	1				
11	688-45215-02	COVER, WATER INLET 2	1	1				
12	90152-05M07	SCREW, COUNTERSUNK	1	1				
13	90185-05002	NUT, NYLON	1	1				
14	6E5-45371-01	TAB-TRIM	1	1				
15	90105-10M00	BOLT, FLANGE	1	1				
16	90465-11M10	CLAMP	2	2				
17	6E5-44365-01	DAMPER, WATER SEAL 1	1	1				
18	6E5-44312-00	COVER, WATER PUMP HOUSING	1	1				
19	63P-45987-00	SPACER 1	1	1				
20	688-45997-01	SPACER 2	1	1				
21	92990-18200	WASHER	1	1				
22	90171-18M04	NUT, CASTLE	1	1				
23	91490-40030	PIN. COTTER	1	1				

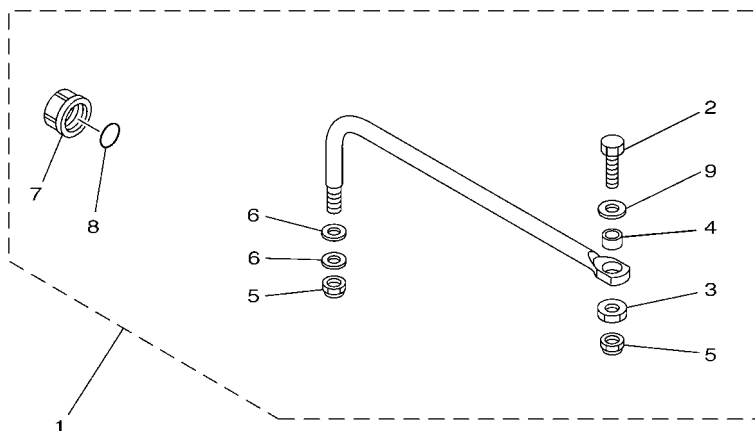


FIG. 33 STEERING GUIDE

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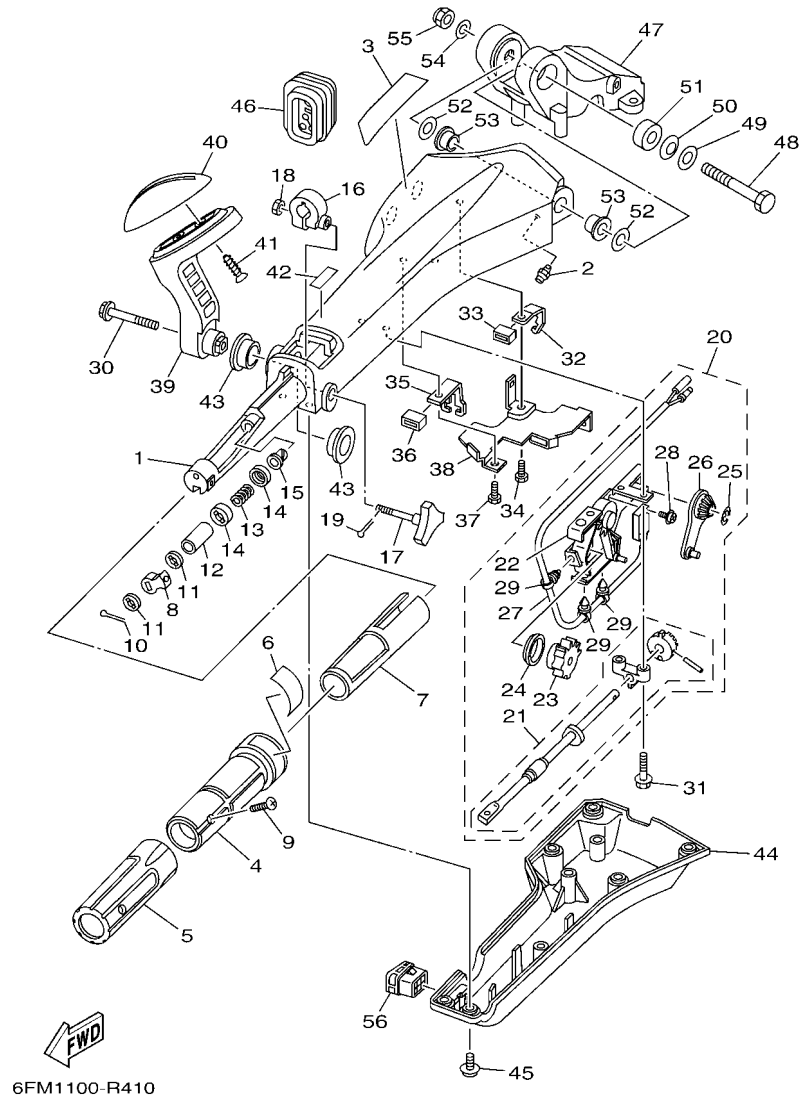


FIG. 34 OPTIONAL PARTS 1

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6X4-42111-02-8D	HANDLE, STEERING	1	1				
2	93700-06002	NIPPLE, GREASE	1	1				
3	6X4-48215-00	GRAPHIC	1	1				
4	6X4-42119-01	GRIP, STEERING HANDLE	1	1				
5	6X4-42177-01	RUBBER, HANDLE	1	1				
6	6X4-42137-00	INDICATOR, THROTTLE	1	1				
7	6X4-41291-00	BUSHING	1	1				
8	6X4-44139-01	COLLAR	1	1				
9	90152-05007	SCREW, COUNTERSUNK	1	1				
10	91490-20010	PIN. COTTER	1	1				
11	6X4-44177-00	WASHER	2	2				
12	6X4-42128-00	COLLAR, DISTANCE 1	1	1				
13	90501-23215	SPRING, COMPRESSION	1	1				
14	6X4-44188-00	WASHER	2	2				
15	90386-08032	BUSH	1	1				
16	63D-42126-00	FRICTION, STEERING HANDLE GRIP	1	1				
17	6X4-48154-00	KNOB, THROTTLE	1	1				
18	95380-06600	NUT, HEXAGON	1	1				
19	91490-20010	PIN. COTTER	1	1				
20	6X4-44100-01	SHIFT LINK ASSY	1	1				
21	6X4-42115-00	.SHAFT, STEERING HANDLE	1	1				
22	6X4-44102-00	.SHIFT ASSIST ASSY.	1	1				
23	6X4-47731-01	.GEAR, DRIVE	1	1				
24	6X4-44132-00	.BUSHING	1	1				
25	6X4-14137-00	.CLIP	1	1				
26	6X4-48261-00	.ARM, THROTTLE	1	1				
27	6X4-82540-00	.NEUTRAL SWITCH ASSY	1	1				

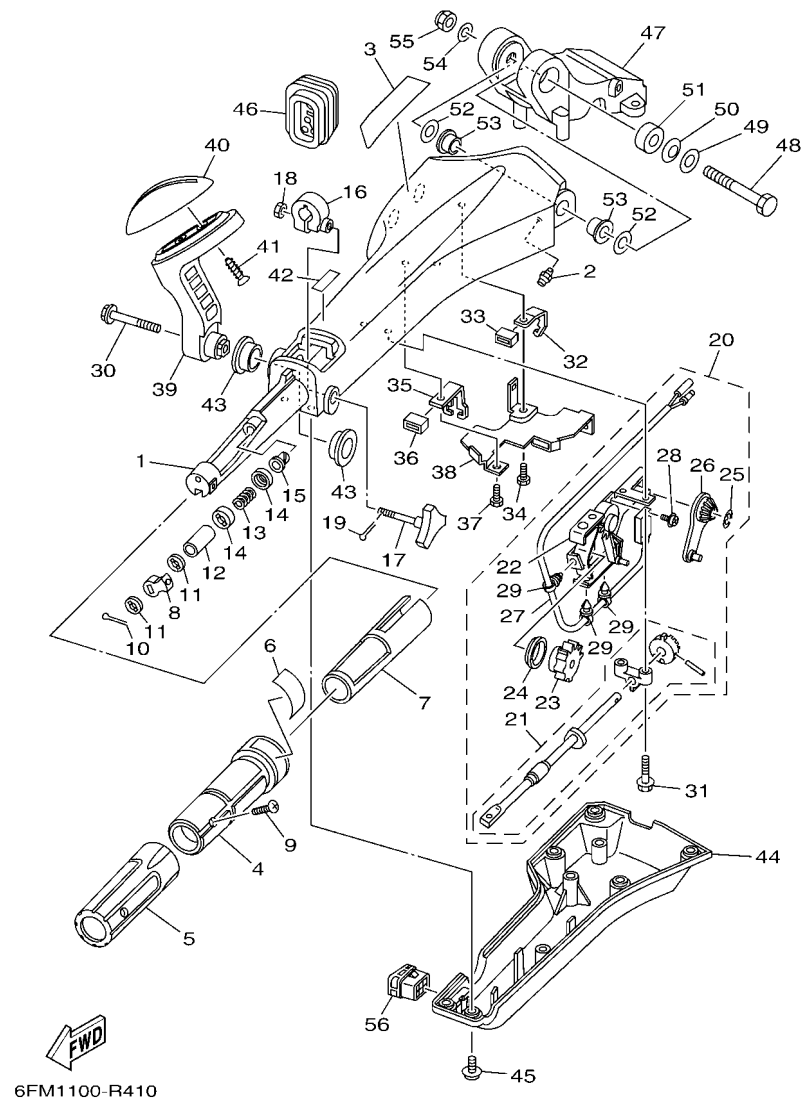


FIG. 34 OPTIONAL PARTS 1

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
28	703-48129-00	.SCREW 3	2	2				
29	6X4-42821-00	.BAND, CLAMP	3	3				
30	97E95-08540	BOLT, HEXAGON W/W DEEP RECESS	1	1				
31	97E95-06530	BOLT, HEXAGON W/W DEEP RECESS	2	2				
32	6X4-48538-00	CLAMP, CABLE 1	1	1				
33	6X4-26367-01	PROTECTOR	1	1				
34	97D95-06014	BOLT, HEXAGON DEEP RECESS	1	1				
35	6X4-48538-10	CLAMP, CABLE 1	1	1				
36	6X4-26367-01	PROTECTOR	1	1				
37	97D95-06014	BOLT, HEXAGON DEEP RECESS	1	1				
38	6X4-42159-00	STAY	1	1				
39	6X4-44159-A0-8D	HANDLE, GEAR SHIFT	1	1				
40	6X4-44173-00	LEVER, SHIFT CONTROL	1	1				
41	97780-60920	SCREW, TAPPING	2	2				
42	6X3-44191-00	INDICATOR, SHIFT	1	1				
43	90386-26MA3	BUSH	2	2				
44	6X4-42131-01	COVER, HANDLE STEERING	1	1				
45	97985-06216	SCREW, WITH WASHER	6	6				
46	6X4-42725-01	GROMMET	1	1				
47	63D-42121-22-8D	BRACKET	1	1				
48	90101-12014	BOLT	1	1				
49	92990-12200	WASHER, PLAIN	1	1				
50	90206-12M22	WASHER, WAVE	1	1				
51	90387-12M02	COLLAR	1	1				
52	90201-12035	WASHER, PLATE	2	2				
53	90386-12003	BUSH	2	2				
54	92990-12600	WASHER, PLATE	1	1				

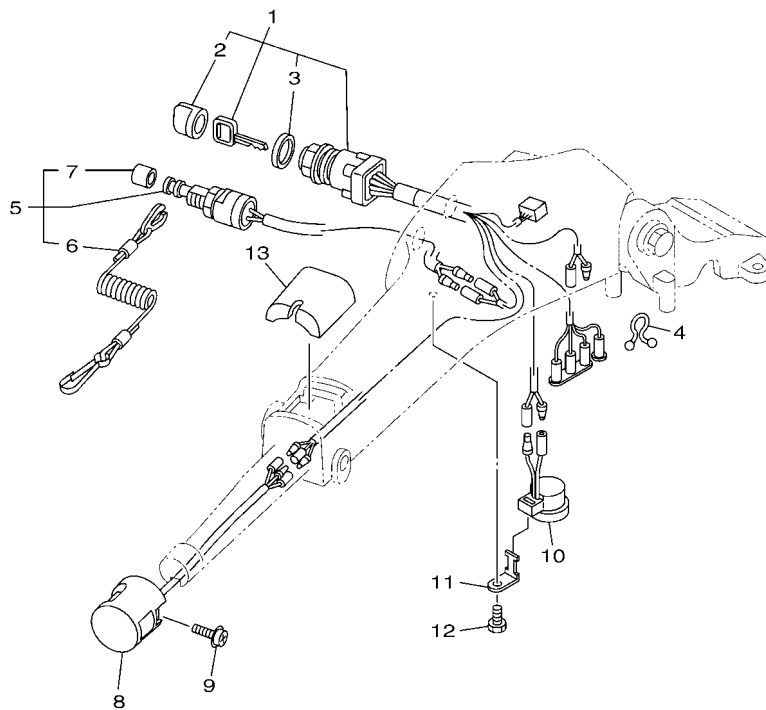


FIG. 35 OPTIONAL PARTS 2

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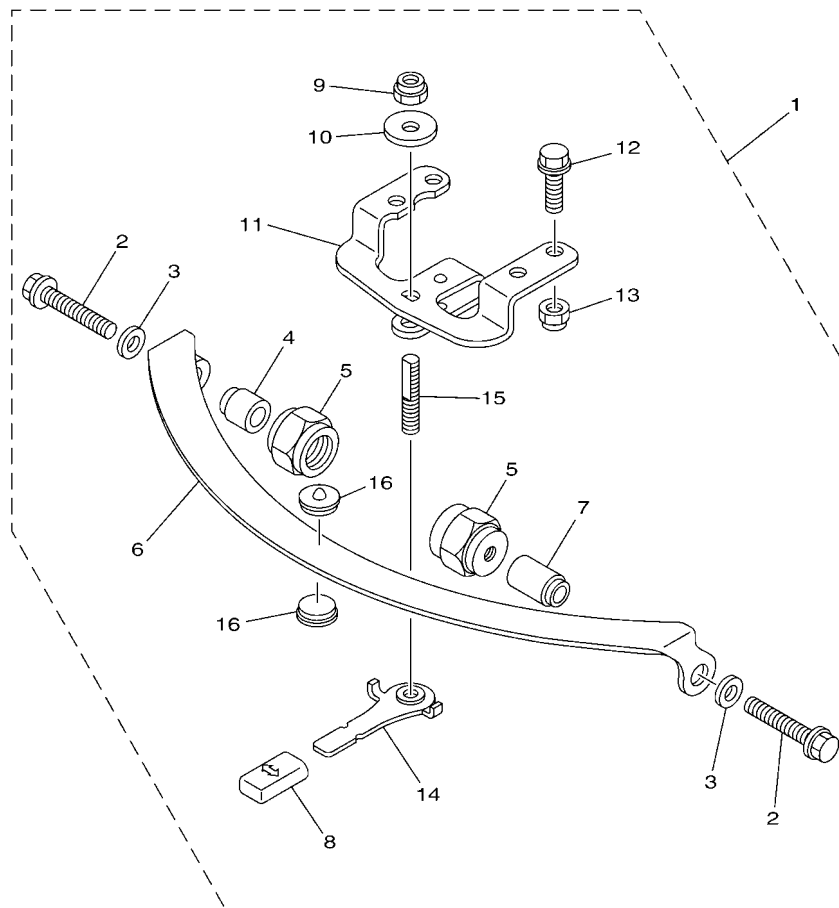
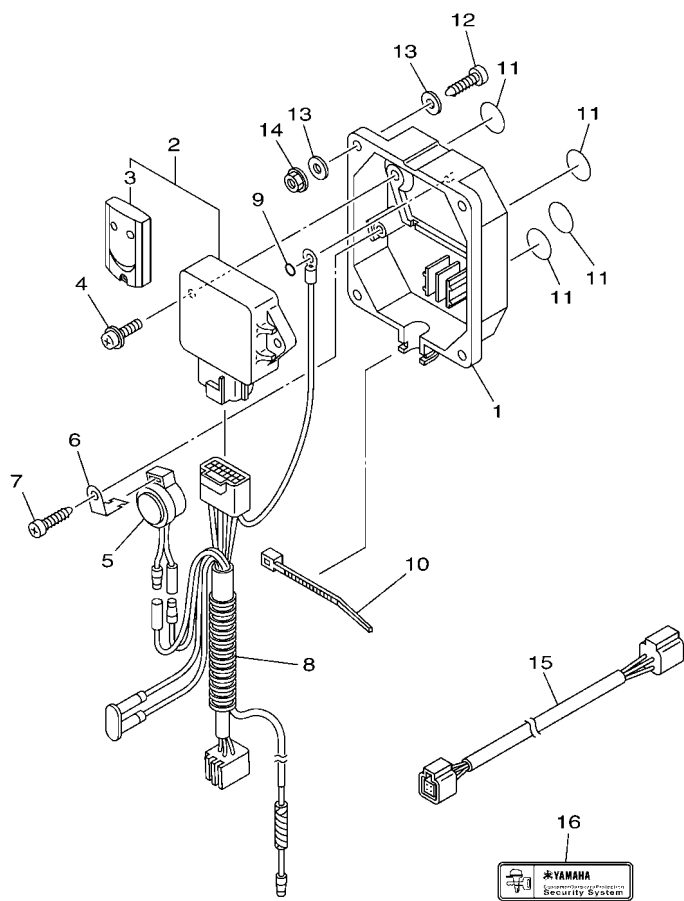


FIG. 37 OPTIONAL PARTS 4



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FIG. 38 OPTIONAL PARTS 5

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6Y8-86267-00	CASE COMPLETE 1	1	1				
2	6Y8-86260-12	REMOTE CONTROL UNIT ASSY	1	1				
3	6AA-86261-22	.XMTR. COMP.	2	2				
4	97980-06216	SCREW, WITH WASHER	2	2				
5	6X4-83383-00	BUZZER	1	1				
6	6X4-83386-00	STAY, BUZZER	1	1				
7	97780-60620	SCREW, TAPPING	1	1				
8	6Y8-82509-10	WIRE, SUB LEAD	1	1				
9	93210-04279	O-RING	1	1				
10	90465-11M10	CLAMP	1	1				
11	6Y8-8454G-00	PATCH 1	4	4				
12	90167-06M00	SCREW, TAPPING	4	4				UR
	97880-06035	SCREW, PAN HEAD	4	4				UR
13	90201-06M30	WASHER, PLATE	8	8				
14	95780-06300	NUT, FLANGE	4	4				
15	6Y8-82521-11	2FT PIGTAIL BUS	1	1				
16	6Y8-48277-00	STICKER 1	4	4				

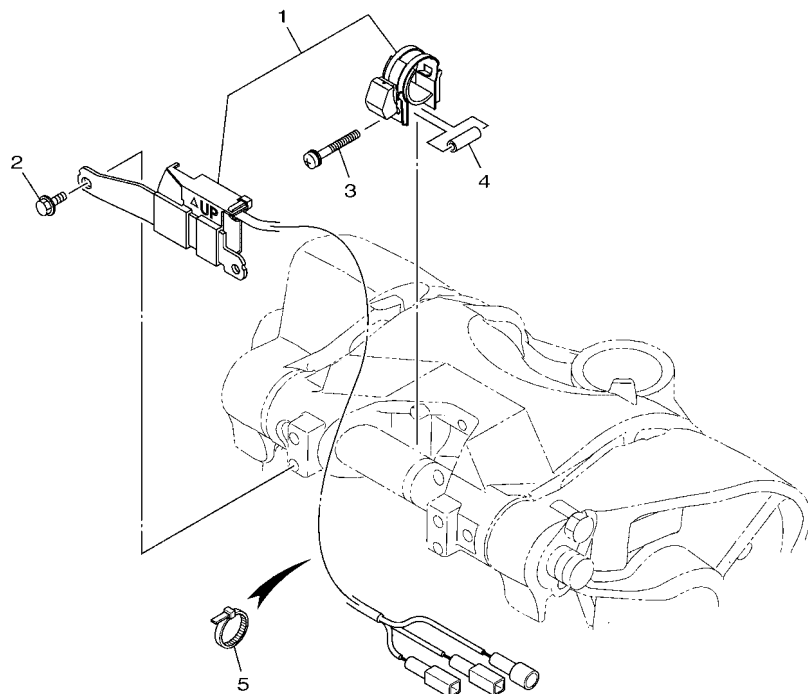
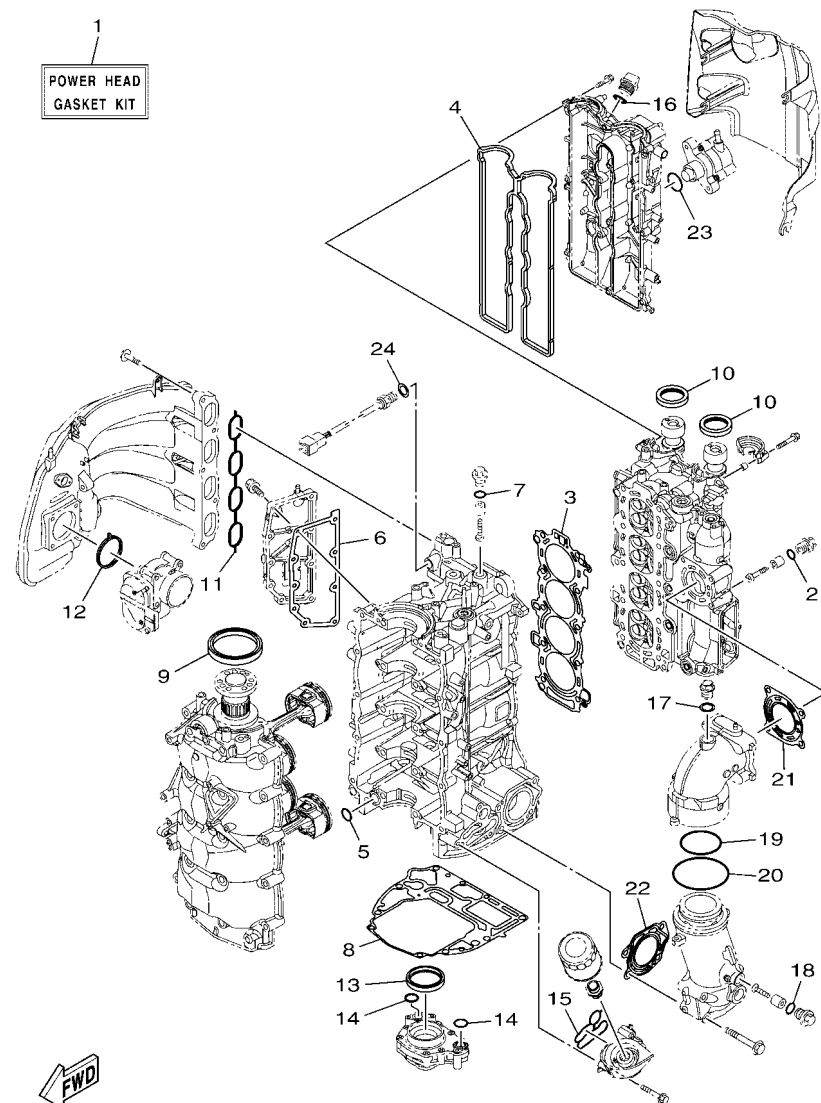


FIG. 39 OPTIONAL PARTS 6



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FIG. 40 REPAIR KIT 1

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EK-W0001-02	POWER HEAD GASKET KIT	1	1				
2	93210-13M63	.O-RING	1	1				
3	6EK-11181-00	.GASKET, CYLINDER HEAD 1	1	1				
4	6EK-11193-00	.GASKET, HEAD COVER 1	1	1				
5	93210-19MJ1	.O-RING	1	1				
6	6EK-15353-01	.GASKET, DRAIN	1	1				
7	93210-13M63	.O-RING	1	1				
8	6EK-11351-01	.GASKET, CYLINDER	1	1				
9	93102-85008	.OIL SEAL	1	1				
10	93102-38008	.OIL SEAL	2	2				
11	6EK-13645-00	.GASKET, MANIFOLD 1	1	1				
12	6EK-13646-00	.GASKET, MANIFOLD 2	1	1				
13	69J-11355-00	.SEAL, CYLINDER 1	1	1				
14	93210-19MJ1	.O-RING	2	2				
15	6EK-13475-00	.GASKET	1	1				
16	93210-24M79	.O-RING	1	1				
17	90201-186F1	.WASHER, PLATE	1	1				
18	93210-13M63	.O-RING	1	1				
19	93210-64001	.O-RING	1	1				
20	93210-84001	.O-RING	1	1				
21	6EK-41114-01	.GASKET, EXHAUST OUTER COVER	1	1				
22	6EK-41124-01	.GASKET, EXHAUST OUTER COVER	1	1				
23	93210-30682	.O-RING	1	1				
24	90430-14115	.GASKET	1	1				

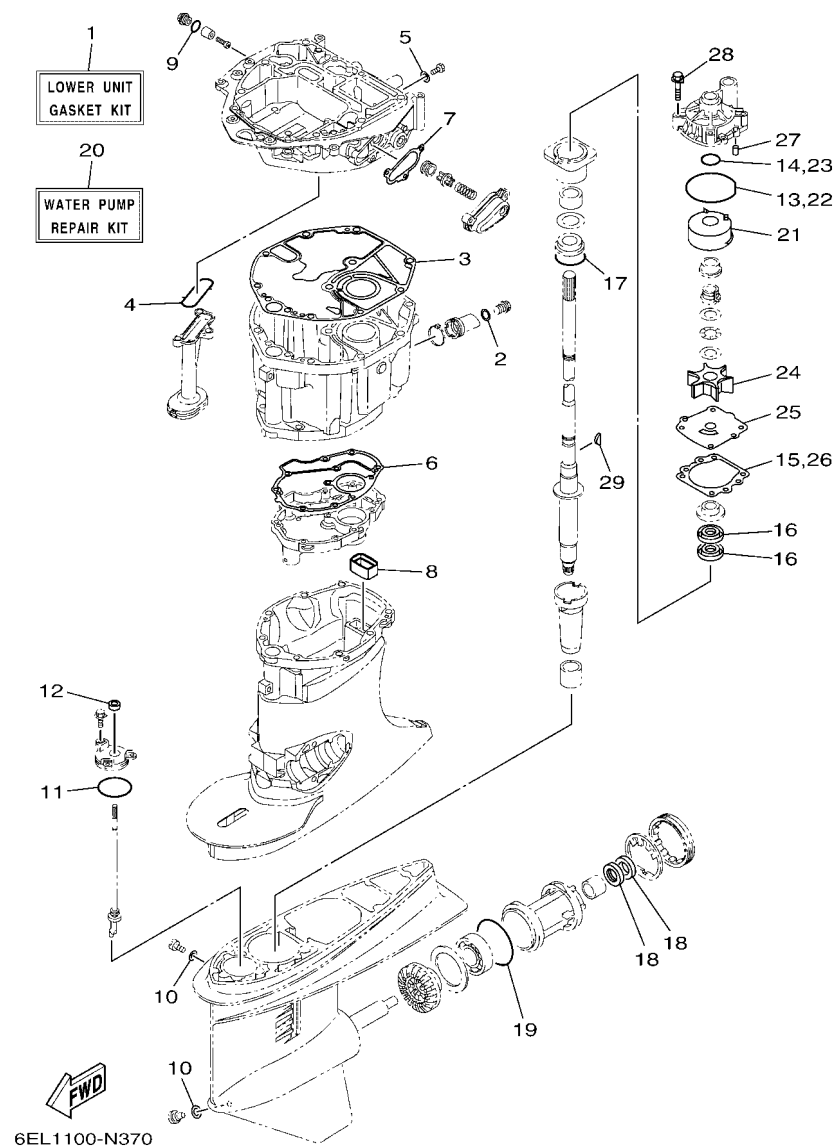


FIG. 41 REPAIR KIT 2

REF. NO.	PART NO.	DESCRIPTION	LA	XA				REMARKS
1	6EK-W0001-21	LOWER UNIT GASKET KIT	1	1				
2	90430-14M09	.GASKET	1	1				
3	6EK-15312-01	.GASKET, OIL PAN	1	1				
4	67F-13415-00	.SEAL, OIL STRAINER	1	1				
5	90430-08143	.GASKET	1	1				
6	6EK-41134-00	.GASKET, EXHAUST MANIFOLD	1	1				
7	6EK-12435-A0	.GASKET	1	1				
8	67F-45127-00	.SEAL	1	1				
9	93210-13M63	.O-RING	1	1				
10	90430-08003	.GASKET	2	2				
11	93210-58144	.O-RING	1	1				
12	93106-09014	.OIL SEAL	1	1				
13	93210-86M38	.O-RING	1	1				
14	93210-37160	.O-RING	1	1				
15	6E5-44315-A0	.GASKET, WATER PUMP	1	1				
16	93101-28M16	.OIL SEAL	2	2				
17	93210-55M14	.O-RING	1	1				
18	93101-30M17	.OIL SEAL	2	2				
19	93210-86M39	.O-RING	1	1				
20	68V-W0078-01	WATER PUMP REPAIR KIT	1	1				
21	61A-44322-02	.INSERT, CARTRIDGE	1	1				
22	93210-86M38	.O-RING	1	1				
23	93210-37160	.O-RING	1	1				
24	6E5-44352-01	.IMPELLER	1	1				
25	6EK-44323-00	.OUTER PLATE, CARTRIDGE	1	1				
26	6E5-44315-A0	.GASKET, WATER PUMP	1	1				
27	93606-12019	.PIN, DOWEL	2	2				

NUMERICAL INDEX

PART NO.	REF. NO.	PART NO.	REF. NO.	PART NO.	REF. NO.	PART NO.	REF. NO.	PART NO.	REF. NO.	PART NO.	REF. NO.
6EM-11110-00-9S	5 - 2	6EK-11567-00	6 - 13	6EM-12171-00	6 - 9	6EM-13641-00	7 - 9	6EK-15311-01	30 - 1	6EK-24560-00	13 - 5
6EK-11119-00	5 - 32	6EK-11590-02	6 - 17	6EK-12181-00	6 - 10	6EK-13645-00	7 - 10	6EK-15312-01	30 - 6	6D8-24562-00	13 - 8
6DA-11133-10	5 - 3	6EK-11603-01	4 - 12	6EK-12411-00	1 - 6		40 - 11		41 - 3	6D8-24563-00	1 - 12
6EK-11168-00	5 - 26	6EK-11604-01	4 - 12		3 - 19	6EK-13646-00	7 - 11	6EK-15316-00	30 - 18		13 - 6
6EK-11181-00	5 - 21	6EK-11631-02-94	4 - 11	6EK-12412-00	3 - 20		40 - 12	6EK-15353-01	3 - 11	6D8-24564-00	1 - 13
	40 - 3	6EK-11633-00	4 - 13	6EK-12413-00	3 - 21	63P-13716-00	10 - 17		40 - 6		13 - 7
6EM-11191-00	5 - 25	6EK-11635-02	4 - 11	6G5-12416-00	29 - 19	69J-13716-00	24 - 31	6EK-15362-10	30 - 17	6EK-24566-00	13 - 12
6EK-11192-01	5 - 30	6EK-11656-00	4 - 15	6EK-12435-A0	29 - 23	6EM-13751-00	7 - 1	6G8-15363-00	5 - 34	6EK-24568-00	13 - 13
6EK-11193-00	5 - 28	6EK-11656-10	4 - 15		41 - 7	6EK-13761-01	8 - 5	6EK-15373-10	7 - 13	6EK-26301-00	36 - 7
	40 - 4	6EK-11656-20	4 - 15	6EK-1243A-00	3 - 23	6AW-13781-00	10 - 25	6EK-15393-00	7 - 14	6X4-26367-01	34 - 33
6G8-11197-A0	3 - 15	6EK-11656-30	4 - 15	6EK-1246A-00-9S	29 - 22	6AW-13784-00	10 - 28	6EK-15414-00-9S	3 - 10		34 - 36
	5 - 13	6EK-11656-40	4 - 15	6EK-12483-00	3 - 26	6CB-13906-01	10 - 8	6EK-2134X-10	8 - 15	67F-28100-03	13 - 31
	12 - 9	6EK-12111-00	6 - 1	6AW-12572-00	23 - 5	68V-13907-22	10 - 19	63D-21744-00	9 - 21	6CB-2812A-00	17 - 24
	29 - 30	30X-12114-00	6 - 4	6EK-12576-00	9 - 8	63P-13915-00	1 - 10	6E5-21744-00	9 - 20	6EK-41114-01	12 - 14
69J-11301-02	5 - 15	62Y-12116-00	6 - 3	6EK-12577-00	9 - 9		10 - 20	6EK-22434-00	27 - 23		40 - 21
6EK-11313-00	3 - 4	30X-12117-00	6 - 5	6R3-12581-00	23 - 7	6AW-1410B-00	8 - 6	6EK-22471-01	27 - 18	6EK-41124-01	12 - 15
6EK-11325-00	1 - 7	30X-12118-00	6 - 6	6R3-12582-00	23 - 8	6X4-14137-00	34 - 25	68V-24149-00	13 - 27		40 - 22
	12 - 8	51Y-12119-00	6 - 7	6R3-12583-00	23 - 9	6DA-14146-00	10 - 10	6EM-2416A-10	9 - 5	6EK-41134-00	29 - 9
6G8-11325-00	1 - 1	6EK-12121-00	6 - 2	6CB-13016-00	1 - 9	6EK-14180-04	10 - 1	6P2-24170-00	8 - 13		41 - 6
	1 - 4	6D8-12153-00	6 - 8		10 - 5	6EK-14181-00	10 - 11	6FP-2419E-01	8 - 14	6EK-41137-01	29 - 1
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	29 - 28	6D8-12153-40	6 - 8	6EK-13152-02	7 - 6	68V-14216-00	10 - 33	6EK-24314-00	13 - 3	6X4-42119-01	34 - 4
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	5 - 16	6D8-12153-60	6 - 8	6EK-13161-00	8 - 4	6EM-14291-00	8 - 10	6E5-24351-51	13 - 4	63D-42121-22-8D	34 - 47
63P-11325-01	1 - 2	6D8-12153-70	6 - 8	6EK-13300-00	30 - 10	6P2-14386-00	10 - 27	6YK-24360-73	14 - 1	63D-42126-00	34 - 16
	3 - 17	6D8-12153-80	6 - 8	6EK-13329-00	30 - 11	6P2-1441J-01	7 - 17	68V-24374-00	13 - 22	6X4-42128-00	34 - 12
67F-11328-01	5 - 17	6D8-12153-90	6 - 8	67F-13411-00	30 - 7	6DA-14440-00	7 - 16	6AW-24377-01	13 - 2	6X4-42131-01	34 - 44
6EK-11351-01	3 - 25	6D8-12153-A0	6 - 8	67F-13415-00	30 - 9	6LH-1447B-00	10 - 24	688-24378-00	9 - 14	6X4-42137-00	34 - 6
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69J-11355-00	30 - 14	6D8-12153-C0	6 - 8	6EK-13437-62	15 - 20	6CB-14564-00	10 - 9	6EK-24410-00	13 - 16	6X4-42177-01	34 - 5
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6CB-11478-00	4 - 2	6D8-12153-U0	6 - 8	6EM-13593-00	24 - 32	6EK-14989-00	9 - 24	6EK-2450B-01	11 - 1	6EM-42610-02	2 - 1
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NUMERICAL INDEX

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6EK-42646-00	2 - 4	6EK-43805-01	28 - 2	6EK-43880-13	27 - 68	63P-44555-00	26 - 15	6L6-45577-30	31 - 62	69J-81828-00	21 - 23
6EK-42647-00	2 - 5	6EK-4380F-00	28 - 6		28 - 1	61A-44575-01	26 - 14	6L6-45577-40	31 - 62	67F-81830-00	21 - 16
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6EM-42677-00	2 - 16	6EK-43810-00	27 - 2	6C5-43895-00	27 - 51	6EK-45135-00	29 - 26	6E5-45587-20	31 - 36	60V-8183T-00	21 - 17
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6DA-42697-00	2 - 15	6C5-43816-00	27 - 32		27 - 36	688-45214-02	32 - 10	6E5-45587-50	31 - 36	6CB-81842-00	21 - 18
6EK-42710-01	22 - 1	6C6-43817-00	27 - 30	6X4-44100-01	34 - 20	688-45215-02	32 - 11	6E5-45587-60	31 - 36	67F-81846-00	21 - 24
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67F-42717-00	22 - 23	6EK-43821-00	27 - 4	6EK-44118-00	24 - 22	6EM-45300-03-8D	31 - 1	6E5-45633-01	31 - 54	6C5-81869-00	21 - 21
6X4-42725-01	34 - 46	6EK-43829-00	27 - 26	6EK-44120-01	24 - 17	6EM-45300-13-8D	31 - 1	6E5-45634-02	31 - 47	67F-81891-00	21 - 15
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6X4-42728-10	34 - 56	6D8-43841-00	27 - 55	6E5-44150-03	31 - 17	688-45341-10	31 - 7	6X4-48215-00	34 - 3	6EM-81948-01	16 - 3
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6H4-42748-01	22 - 22	6D8-43844-00	27 - 48	6X4-44173-00	34 - 40	6E5-45371-01	1 - 18	6Y8-48277-00	38 - 16	6EK-81952-10	17 - 5
68F-42753-00	22 - 19	6H1-43844-10	27 - 59	6X4-44177-00	34 - 11		32 - 14	6EK-48321-00	36 - 4	6EK-81960-10	19 - 7
6CB-42761-00	22 - 20	6EK-43845-00	27 - 66	6X4-44188-00	34 - 14	688-45375-00	32 - 9	6E5-48344-00	24 - 6	6EK-81975-01	19 - 8
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6EE-42794-50	22 - 29	62X-4384H-00	27 - 22	6E5-44312-00	32 - 18	688-45383-02	31 - 65	6EK-48532-00	24 - 2	6EE-81994-50	15 - 22
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6EK-42816-01-8D	22 - 6	6D8-4384M-00	27 - 37		41 - 15	6EK-45501-00	31 - 41	6EK-48538-00	24 - 4	68V-82105-02	18 - 9
6CB-42818-00	22 - 11	6D8-43851-00	27 - 45		41 - 26	6EK-45501-10	31 - 41	6X4-48538-00	34 - 32	6P2-82113-00	17 - 25
6X4-42821-00	34 - 29	6C6-43853-00	27 - 41	61A-44322-02	31 - 24	61A-45527-00	31 - 22	6X4-48538-10	34 - 35	682-82119-01	17 - 2
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64E-43131-30	25 - 9	6D8-43861-00	27 - 6	6E5-44352-01	31 - 27	6EM-45560-00	31 - 44	6EK-81337-01	15 - 11	68V-82149-30	25 - 8
64E-43139-11	26 - 3		27 - 8		41 - 24	6E5-45567-01	31 - 5	6EK-81410-00	15 - 3	6CB-82151-00	17 - 19
66T-43144-00	22 - 14	6EK-43861-00	27 - 5	6E5-44365-01	32 - 17	6E5-45567-10	31 - 5	6EM-81800-02	21 - 1	6FP-82151-01	17 - 18
	25 - 21	6H1-43862-00	27 - 11	6EK-44365-01	32 - 3	6E5-45567-20	31 - 5	69J-81801-11	21 - 5	6CB-82151-10	17 - 20
6E5-43145-01	33 - 7		27 - 15	6E5-44366-01	32 - 1	6E5-45567-30	31 - 5	6CB-81807-00	21 - 8	6CB-82151-20	17 - 21
6G5-43148-00	25 - 18	6EK-43862-01	28 - 12	6EK-44379-00	32 - 4	6E5-45567-40	31 - 5	6CB-81809-00	21 - 14	6CB-82151-30	17 - 22
6EK-43181-00	25 - 15	6D8-43863-00	27 - 64	6P2-44391-00	23 - 4	6E5-45567-50	31 - 5	67F-81810-00	21 - 3	6EM-82170-12	17 - 17
6EK-43185-00	25 - 16	67F-43865-00	27 - 14		23 - 13	6E5-45567-60	31 - 5	67F-81813-00	21 - 6	6EK-82181-00	28 - 5
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