

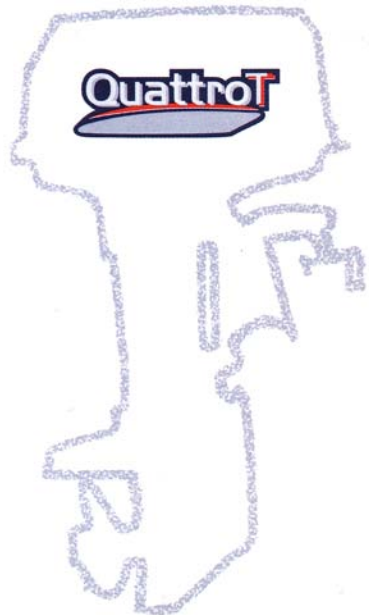
Narwhal 115

Production year 20F€

Production année 20F€

PARTS CATALOGUE

CATALOGUE DE PIÈCES DÉTACHÉES



ENGINE STARTING SERIAL NUMBER: 1105177



A1

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	

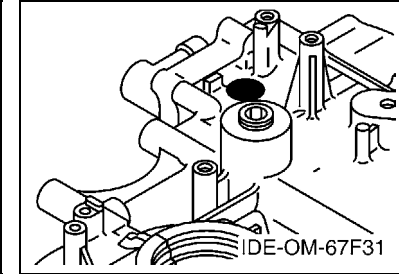
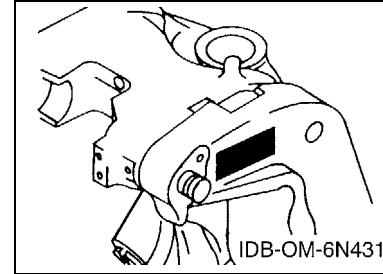
4. Applicable colours of graphics are represented in the “REMARKS” as shown below.

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.
Narwhal 115	1105177		

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

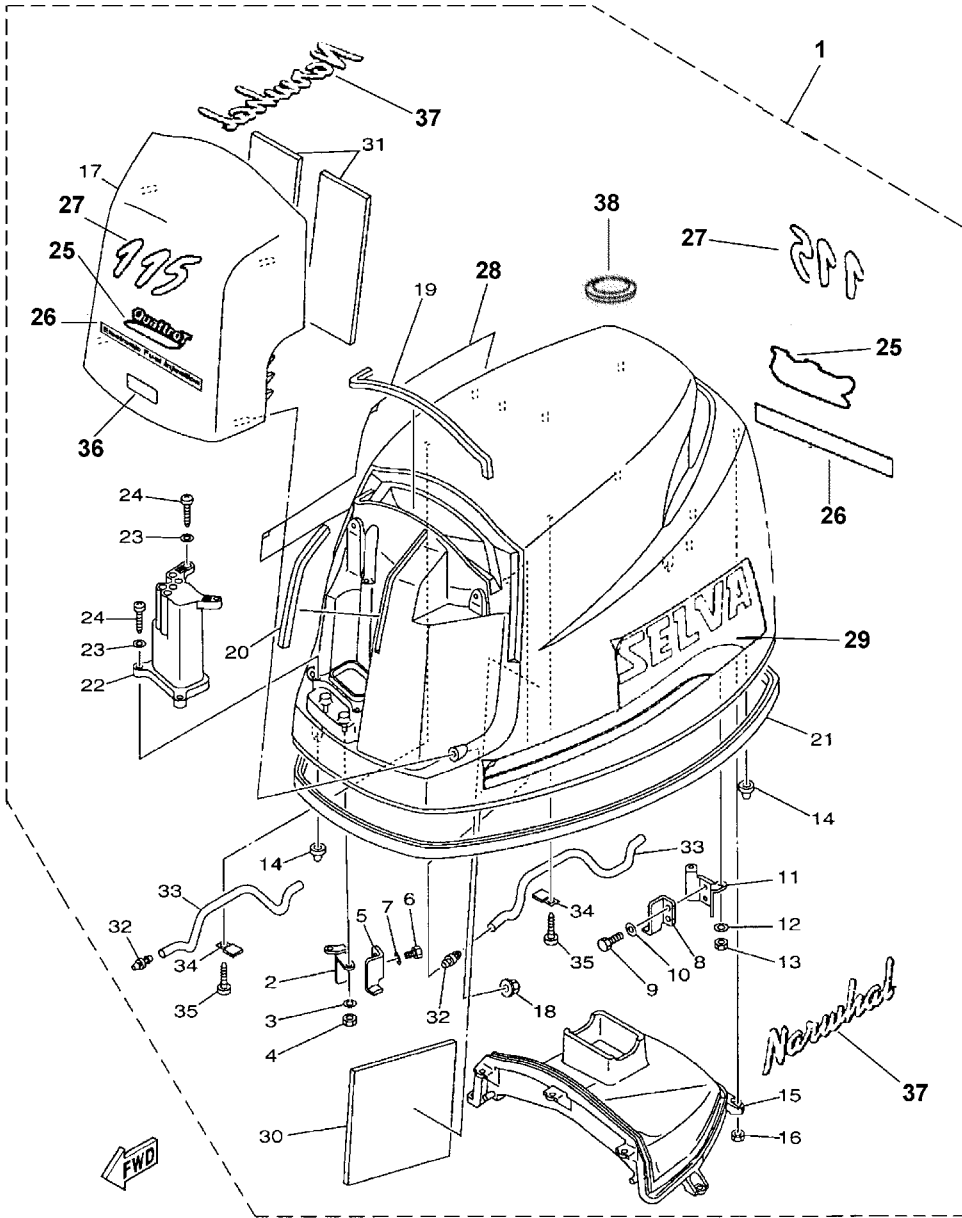


FIG. 1 TOP COWLING

CAPOT SUPERIEUR

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	E.P.T.	E.P.T.SX.	REMARKS REMARQUES
1	1504772	TOP COWLING ASSY CAPOT (ENS.)	1	1	
2	68V-42647-00	.HOLDER, CLAMP BAND .SUPPORT, SANDOW DE SERRAGE	1	1	
3	92990-06100	.WASHER, SPRING .RONDELLE, GROWER	2	2	
4	95380-06600	.NUT, HEXAGON .ECROU	2	2	
5	68V-42651-00	.HOOK .CROCHET	1	1	
6	97095-06012	.BOLT .BOULON	2	2	
7	92995-06600	.WASHER .RONDELLE	2	2	
8	68V-42652-00	.HOOK .CROCHET	1	1	
9	97095-06012	.BOLT .BOULON	2	2	
10	92995-06600	.WASHER .RONDELLE	2	2	
11	67F-42649-00	.HOLDER, CLAMP BAND .SUPPORT, SANDOW DE SERRAGE	1	1	
12	92990-06100	.WASHER, SPRING .RONDELLE, GROWER	2	2	
13	95380-06600	.NUT, HEXAGON .ECROU	2	2	
14	67F-42662-00	.DAMPER .AMORTISSEUR	3	3	
15	68V-42613-00	.MOLDING, AIR DUCT .MANCHON A AIR	1	1	
16	95380-06600	.NUT, HEXAGON .ECROU	7	7	
17	68V-42612-00-8D	.AIR DUCT, TOP COWLING .FLASQUE, PLATEAU D'AVANCE	1	1	
18	90179-06M28	.NUT .ECROU	4	4	
19	68V-42628-00	.SEAL .JOINT	1	1	
20	68V-42718-00	.RUBBER, SEAL 3 .JOINT	1	1	
21	68V-42615-00	.SEAL .JOINT	1	1	
22	68V-42632-00	.WINDOW .FENETRE	1	1	
23	92990-05200	.WASHER, PLAIN .RONDELLE, PLATE	4	4	
24	97780-50625	.SCREW, TAPPING .VIS, TETE BOMBEE	4	4	
25	8093052	.GRAPHIC, QUATTRO T .ADHESIF, QUATTRO T	1	1	
26	8093165	.GRAPHIC, ELECTRONIC FUEL INJECTION .ADHESIF, ELECTRONIC FUEL INJECTION	2	2	
27	8093215	.GRAPHIC, 115 .ADHESIF, 115	2	2	

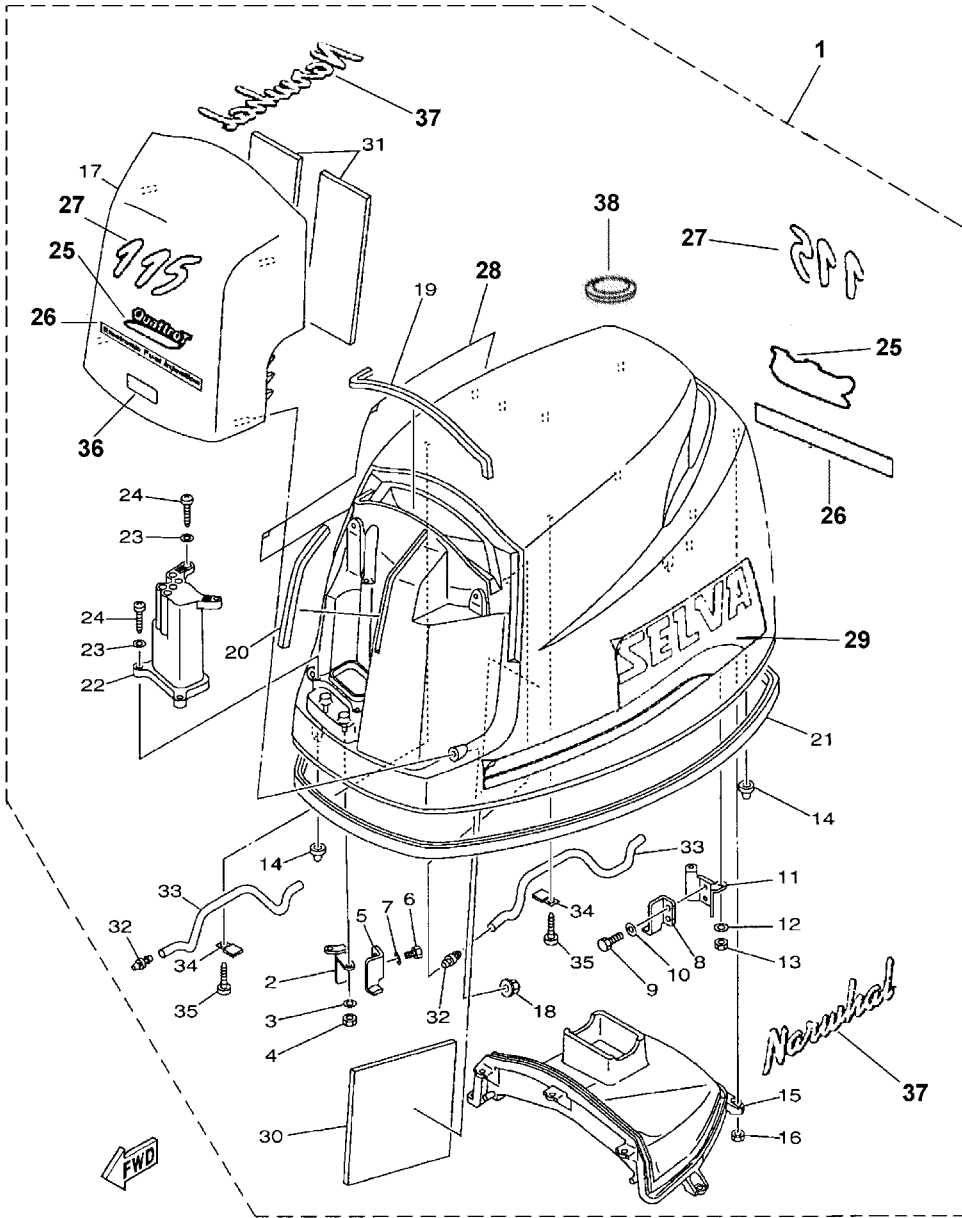


FIG. 1 TOP COWLING

CAPOT SUPERIEUR

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	E.P.T	E.P.T.X	REMARKS REMARQUES
28	8093205	.GRAPHIC, RIGHT .ADHESIF, DROITE	1	1	
29	8093200	.GRAPHIC, LEFT .ADHESIF, GOUCHE	1	1	
30	68V-42617-00	.DAMPER, FORM .BOURRELET, CAOUTCHOUC	1	1	
31	68V-42619-00	.DAMPER, FORM .BOURRELET, CAOUTCHOUC	2	2	
32	6H3-44391-01	.NIPPLE, HOSE .RACCORD D'ESSENCE	2	2	
33	90445-10M18	.HOSE (L295) .DURITE (L295)	2	2	
34	90462-08018	.CLAMP .BRIDE	2	2	
35	97780-50620	.SCREW, TAPPING .VIS, TETE BOMBEE	2	2	
36	8092605	.GRAPHIC, SELVA MARINE .ADHESIF, SELVA MARINE	1	1	
37	8092845	.GRAPHIC, NARWHAL .ADHESIF, NARWHAL	2	2	
38	8093035	.GRAPHIC, SELVA MARINE EUROPE. .ADHESIF, SELVA MARINE EUROPE	1	1	
	1534360	.GRAPHIC SET .JEU DIEMBLEMES	1	1	

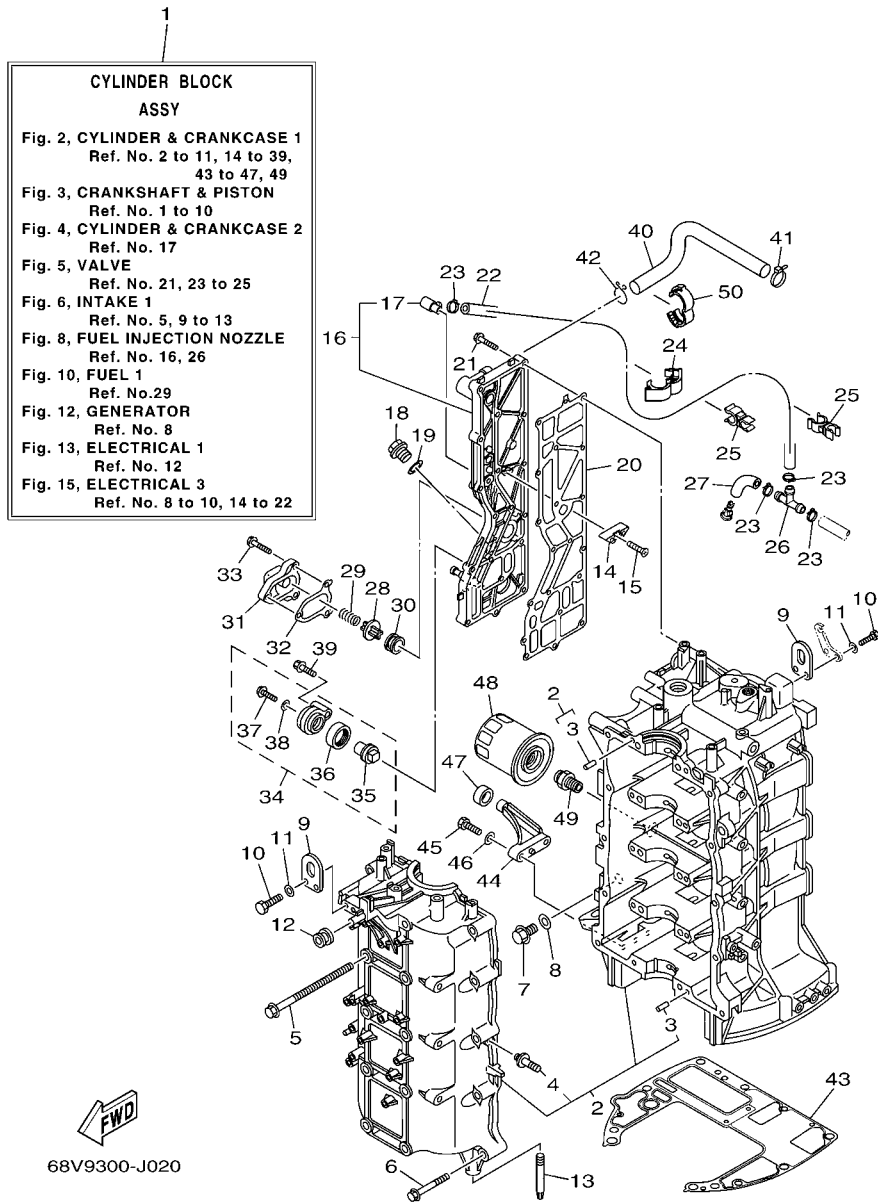


FIG. 2 CYLINDER & CRANKCASE 1 CYLINDRE & CARTER 1

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/	68M/		REMARKS REMARQUES
1	68V-W009B-08-9S	CYLINDER BLOCK ASSY CYLINDRE GROUPE (ENS.)	1	1		
2	68V-15100-02-9S	CRANKCASE ASSY CARTER DE MOTEUR COMPLET	1	1		
3	93606-12019	.PIN, DOWEL .GOUILLE	10	10		
4	68V-44581-01	.BOLT .BOULON	1	1		
5	90119-10M88	BOLT, WITH WASHER BOULON, AVEC RONDELLE	10	10		
6	90119-08M66	BOLT, WITH WASHER BOULON, AVEC RONDELLE	10	10		
7	90340-14M06	PLUG, STRAIGHT SCREW PLOT, FILETE DROIT	1	1		
8	90430-14115	GASKET JOINT	1	1		
9	62Y-11119-00	HANGER, ENGINE ANNEAU, LEVAGE	2	2		
10	97095-06020	BOLT BOULON	4	4		
11	92995-06600	WASHER RONDELLE	4	4		
12	90480-12072	GROMMET PASSE-FIL	1	1		
13	67F-15142-00	GUIDE 1 GUIDE 1	2	2		
14	6E5-11325-00	ANODE ANODE	3	3		
15	98780-04016	SCREW, FLAT HEAD VIS A TETE FRAISEE	3	3		
16	6D8-41113-30-9S	OUTER COVER, EXHAUST COUVERCLE, ECHAPPEMENT	1	1		
17	676-11372-00	.NIPPLE, HOSE .RACCORD, TUYAU	1	1		
18	90340-18M09	PLUG, STRAIGHT SCREW PLOT, FILETE DROIT	1	1		
19	90430-18130	GASKET JOINT	1	1		
20	67F-41114-A2	GASKET, EXHAUST OUTER COVER JOINT, COUVERCLE D'ECHAPPEMENT	1	1		
21	90119-06MA4	BOLT, WITH WASHER BOULON, AVEC RONDELLE	18	18		
22	68V-42541-00	PIPE 1 TUYAU 1	1	1		
23	90465-11M10	CLAMP BRIDE	4	4		
24	90464-18004	CLAMP BRIDE	1	1		
25	90464-10010	CLAMP BRIDE	2	2		
26	688-24378-00	PIPE, JOINT 3 DURITE RACCORDEMENT 3	1	1		
27	61A-24316-00	PIPE 6 DURITE 6	1	1		

1
CYLINDER BLOCK
ASSY

Fig. 2, CYLINDER & CRANKCASE 1
Ref. No. 2 to 11, 14 to 39,
43 to 47, 49

Fig. 3, CRANKSHAFT & PISTON
Ref. No. 1 to 10

Fig. 4, CYLINDER & CRANKCASE 2
Ref. No. 17

Fig. 5, VALVE
Ref. No. 21, 23 to 25

Fig. 6, INTAKE 1
Ref. No. 5, 9 to 13

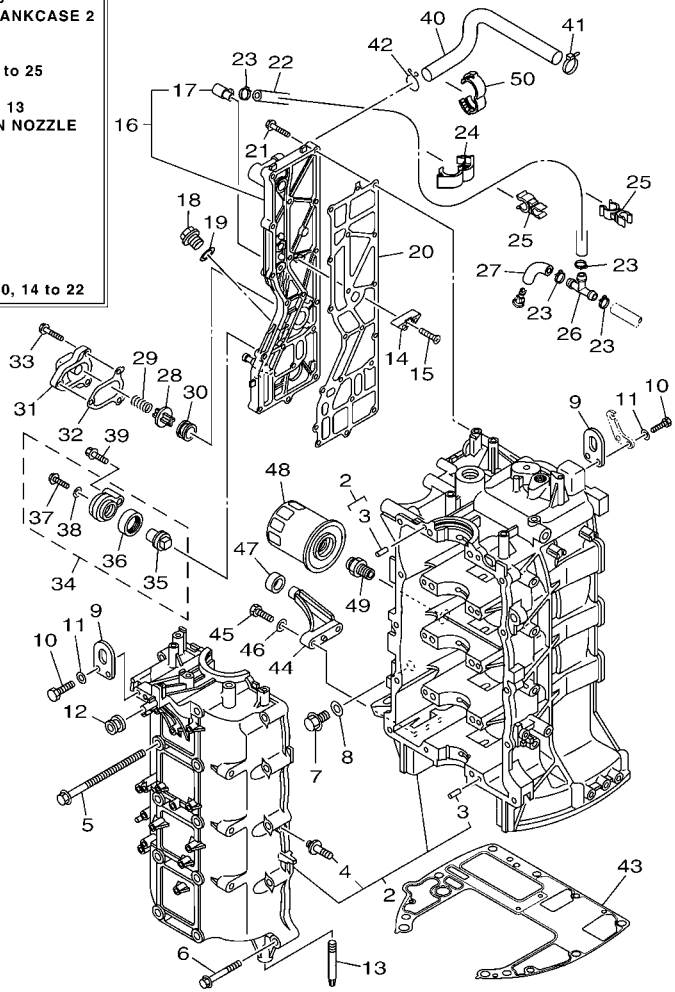
Fig. 8, FUEL INJECTION NOZZLE
Ref. No. 16, 26

Fig. 10, FUEL 1
Ref. No. 29

Fig. 12, GENERATOR
Ref. No. 8

Fig. 13, ELECTRICAL 1
Ref. No. 12

Fig. 15, ELECTRICAL 3
Ref. No. 8 to 10, 14 to 22



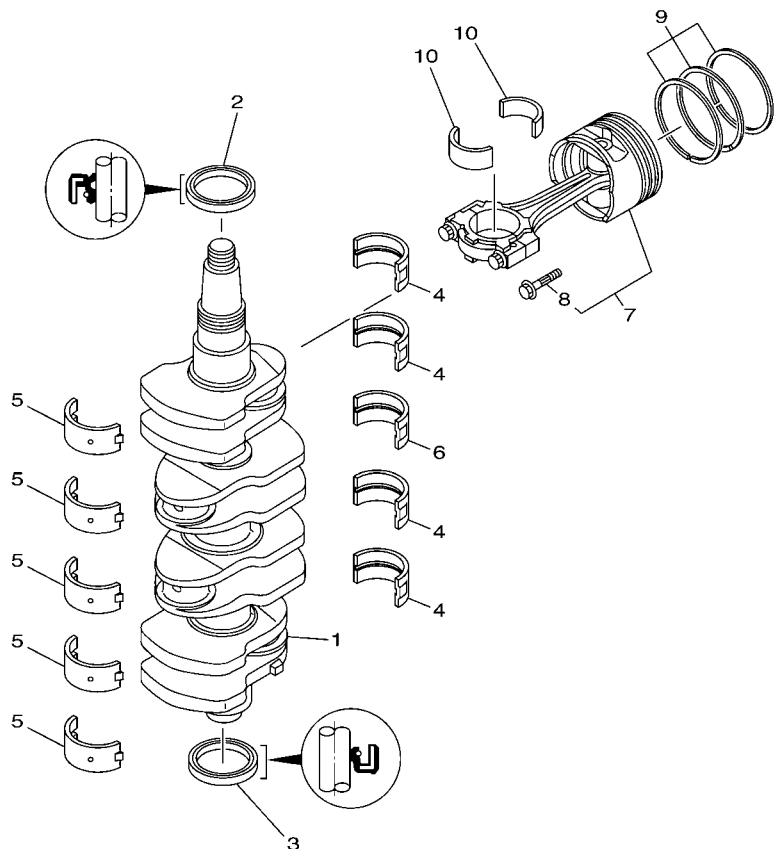
68V9300-J020

FIG. 2 CYLINDER & CRANKCASE 1 CYLINDRE & CARTER 1

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V9	68M9	REMARKS REMARQUES
28	6G5-12416-00	VALVE, PRESSURE CONTROL SOUPAPE DE CONTROLEUR PRESS	1	1	
29	90501-16M11	SPRING, COMPRESSION RESSORT, COMPRESSION	1	1	
30	90480-20M05	GROMMET PASSE-FIL	1	1	
31	67F-1246A-01-9S	COVER 1 COUVERCLE 1	1	1	
32	67F-12435-A0	GASKET JOINT	1	1	
33	90119-06MA2	BOLT, WITH WASHER BOULON, AVEC RONDELLE	3	3	
34	69J-11301-00	ANODE COVER ASSY COUVERCLE ANODE (ENS.)	1	1	
35	67F-11325-01	.ANODE .ANODE	1	1	
36	67F-11328-00	.GROMMET, ANODE .PASSE-FIL	1	1	
37	90105-06M07	.BOLT, FLANGE BOULON	1	1	
38	90430-06M03	.GASKET JOINT	1	1	
39	97575-08540	BOLT, WITH WASHER VIS HEXAGONAL AVC RONDELLE	1	1	
40	67F-1243A-00	HOSE 1 DURITE 1	1	1	
41	90465-11M10	CLAMP BRIDE	1	1	
42	90467-20M15	CLIP JONC	1	1	
43	68V-11351-00	GASKET, CYLINDER JOINT, D'EMBASE	1	1	
44	67F-42761-01-94	STOPPER PLAQUETTE	2	2	
45	97095-06025	BOLT BOULON	4	4	
46	92995-06600	WASHER RONDELLE	4	4	
47	68F-44533-01	DAMPER, UPPER MOUNT RUBBER COUVERCLE, SUSPENSION INFERIEU	2	2	
48	5GH-13440-00	ELEMENT ASSY, OIL CLEANER ELEMENT, FILTRE A HUILE	1	1	
49	90401-20007	BOLT, UNION BOULON, RACCORD	1	1	
50	90464-16001	CLAMP BRIDE	1	1	

FIG. 3 CRANKSHAFT & PISTON

VILEBREQUIN & PISTON




68V0010-0031

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/9	68W/9		REMARKS REMARQUES
1	68V-11411-00	CRANKSHAFT VILEBREQUIN COMPLET	1	1		
2	93102-48009	OIL SEAL JOINT SPY	1	1		
3	93101-48002	OIL SEAL JOINT SPY	1	1		
4	67F-11416-00	PLANE BEARING, CRANKSHAFT 1 COUSSINET DE VILEBREQUIN 1	4	4		UR GREEN UR VERT
	67F-11416-10	PLANE BEARING, CRANKSHAFT 1 COUSSINET DE VILEBREQUIN 1	4	4		UR BLUE UR BLEU
	67F-11416-20	PLANE BEARING, CRANKSHAFT 1 COUSSINET DE VILEBREQUIN 1	4	4		UR RED UR RED
5	67F-11417-00	PLANE BEARING, CRANKSHAFT 2 COUSSINET DE VILEBREQUIN 2	5	5		UR YELLOW UR JAUNE
	67F-11417-10	PLANE BEARING, CRANKSHAFT 2 COUSSINET DE VILEBREQUIN 2	5	5		UR GREEN UR GREEN
	67F-11417-20	PLANE BEARING, CRANKSHAFT 2 COUSSINET DE VILEBREQUIN 2	5	5		UR BLUE UR BLEU
	67F-11417-30	PLANE BEARING, CRANKSHAFT 2 COUSSINET DE VILEBREQUIN 2	5	5		UR RED UR RED
6	67F-11418-00	PLANE BEARING, CRANKSHAFT 3 COUSSINET DE VILEBREQUIN 3	1	1		UR GREEN UR GREEN
	67F-11418-10	PLANE BEARING, CRANKSHAFT 3 COUSSINET DE VILEBREQUIN 3	1	1		UR BLUE UR BLUE
	67F-11418-20	PLANE BEARING, CRANKSHAFT 3 COUSSINET DE VILEBREQUIN 3	1	1		UR RED UR RED
7	68V-W1164-02	PISTON/CON-ROD ASSY STD PISTON/BIELLE COMPLETE (STD)	4	4		
	68V-W1164-12	PISTON/CON-ROD ASSY(0.25MM OS) PISTON/BIELLE COMPLETE:0.25MM	4	4		AP AP
8	K1C-A3275-00	.BOLT, CONNECTING ROD .BOULON, BIELLE	2	2		
9	6D8-11603-01	PISTON RING SET (STD) JEU DE SEGMENTS (STD)	4	4		
	6D8-11604-01	PISTON RING SET (0.25MM O/S) JEU DE SEGMENTS (0.25MM O/S)	4	4		AP AP
10	68V-11656-00	PLANE BEARING, CONNECTING ROD ROULEMENT DE BIELLE	8	8		UR YELLOW UR YELLOW
	68V-11656-10	PLANE BEARING, CONNECTING ROD ROULEMENT DE BIELLE	8	8		UR GREEN UR GREEN
	68V-11656-20	PLANE BEARING, CONNECTING ROD ROULEMENT DE BIELLE	8	8		UR BLUE UR BLUE
	68V-11656-30	PLANE BEARING, CONNECTING ROD ROULEMENT DE BIELLE	8	8		UR RED UR RED

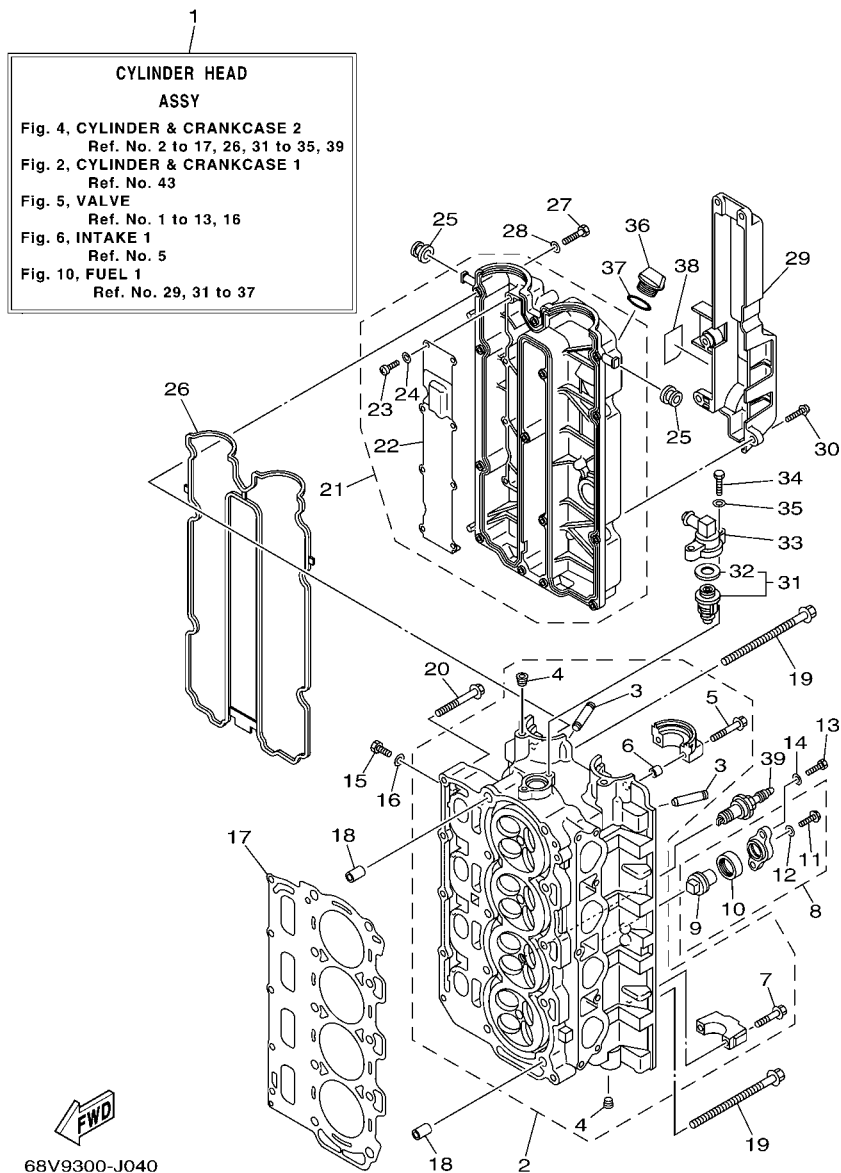


FIG. 4 CYLINDER & CRANKCASE 2 CYLINDRE & CARTER 2

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V	68M9		REMARKS REMARQUES
1	68V-W009A-05-9S	CYLINDER HEAD ASSY CULASSE (ENS.)	1	1		
2	68V-11110-03-9S	CYLINDER HEAD ASSY JEU DE CULASSE	1	1		
3	67F-11133-10	.GUIDE, VALVE 1 .GUIDE, SOUPAPE 1	16	16		
4	90344-51019	.PLUG, TAPER SCREW .PLOT, FILETE CONIQUE	4	4		
5	90119-07235	.BOLT/WASHER-CAM CAPS .BOULON, AVEC RONDELLE	4	4		
6	91809-08006	.PIN, DOWEL .GOUJON, D'ASSEMBLAGE	4	4		
7	90119-07234	.BOLT, WITH WASHER .BOULON, AVEC RONDELLE	16	16		
8	67F-11301-00	ANODE COVER ASSY COUVERCLE ANODE (ENS.)	2	2		
9	67F-11325-01	.ANODE .ANODE	1	1		
10	67F-11328-00	.GROMMET, ANODE .PASSE-FIL	1	1		
11	90105-06M07	.BOLT, FLANGE .BOULON	1	1		
12	90430-06M03	.GASKET .JOINT	1	1		
13	97075-08025	BOLT BOULON	4	4		
14	92995-08600	WASHER RONDELLE	4	4		
15	97095-08014	BOLT BOULON	4	4		
16	90430-08143	GASKET JOINT	4	4		
17	67F-11181-03	GASKET, CYLINDER HEAD 1 JOINT, DE CULASSE 1	1	1		
18	90387-10M08	COLLAR COLLERETTE	2	2		
19	90105-10M89	BOLT, FLANGE BOULON	10	10		
20	90119-08M91	BOLT, WITH WASHER BOULON, AVEC RONDELLE	5	5		
21	68V-11191-00-9S	COVER, CYLINDER HEAD 1 COUVERCLE, CULASSE 1	1	1		
22	67F-11168-00	.COVER, BREATHER .COUVERCLE, RENIFLARD	1	1		
23	98507-04008	.SCREW, PAN HEAD .VIS, TETE TRONCONIQUE	8	8		
24	92907-04600	.WASHER .RONDELLE	8	8		
25	90480-12072	GROMMET PASSE-FIL	2	2		
26	6D8-11356-01	SEAL, CYLINDER 2 JOINT, SPY CYLINDRE	1	1		
27	97095-06030	BOLT BOULON	14	14		

FWD
68V0010-0050

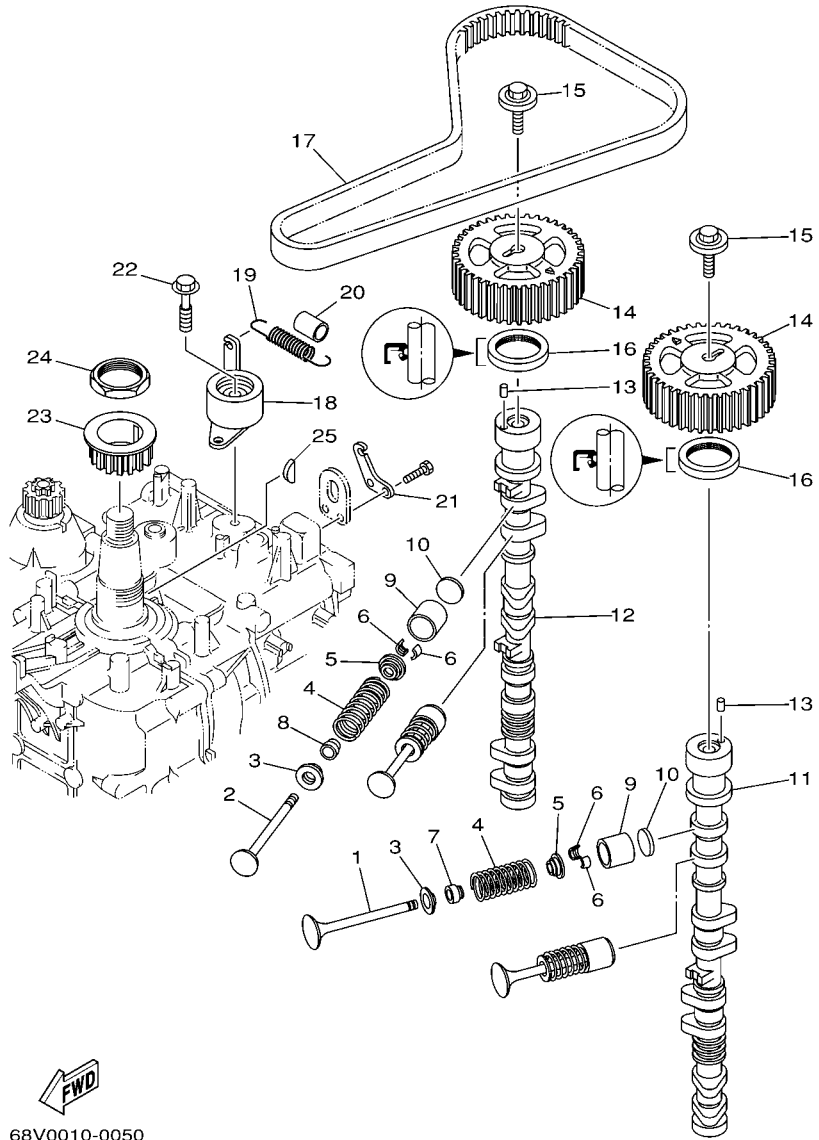


FIG. 5 VALVE

SOUPAPE

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/68	68/68		REMARKS REMARQUES
1	68V-12111-00	VALVE, INTAKE SOUPAPE, ADMISSION	8	8		
2	68V-12121-00	VALVE, EXHAUST SOUPAPE, ECHAPPEMENT	8	8		
3	67F-12116-00	SEAT, VALVE SPRING SIEGE, RESSORT DE SOUPAPE	16	16		
4	67F-12114-00	SPRING, VALVE OUTER RESSORT DE SOUPAPE, EXTERNE	16	16		
5	67F-12117-00	RETAINER, VALVE SPRING BUTEE DE RESSORT DE SOUPAPE	16	16		
6	67F-12118-00	COTTER, VALVE FRAISE, SOUPAPE	32	32		
7	K0A-A3721-00	SEAL, VALVE STEM JOINT, QUEUE DE SOUPAPE	8	8		
8	K0A-A3722-00	SEAL, VALVE STEM 2 JOINT, QUEUE DE SOUPAPE 2	8	8		
9	67F-12153-00	LIFTER, VALVE LEVE-SOUPAPE	16	16		
10	67F-12168-00	PAD, ADJUSTING (2.000) PASTILLE, DE REGLAGE (2.000)	16	16		UR
67F-12168-10	PAD, ADJUSTING (2.025) PASTILLE, DE REGLAGE (2.025)	16	16		UR	
67F-12168-20	PAD, ADJUSTING (2.050) PASTILLE, DE REGLAGE (2.050)	16	16		UR	
67F-12168-30	PAD, ADJUSTING (2.075) PASTILLE, DE REGLAGE (2.075)	16	16		UR	
67F-12168-40	PAD, ADJUSTING (2.100) PASTILLE, DE REGLAGE (2.100)	16	16		UR	
67F-12168-50	PAD, ADJUSTING (2.125) PASTILLE, DE REGLAGE (2.125)	16	16		UR	
67F-12168-60	PAD, ADJUSTING (2.150) PASTILLE, DE REGLAGE (2.150)	16	16		UR	
67F-12168-70	PAD, ADJUSTING (2.175) PASTILLE, DE REGLAGE (2.175)	16	16		UR	
67F-12168-80	PAD, ADJUSTING (2.200) PASTILLE, DE REGLAGE (2.200)	16	16		UR	
67F-12168-A0	PAD, ADJUSTING (2.225) PASTILLE, DE REGLAGE (2.225)	16	16		UR	
67F-12168-B0	PAD, ADJUSTING (2.250) PASTILLE, DE REGLAGE (2.250)	16	16		UR	
67F-12168-C0	PAD, ADJUSTING (2.275) PASTILLE, DE REGLAGE (2.275)	16	16		UR	
67F-12168-D0	PAD, ADJUSTING (2.300) PASTILLE, DE REGLAGE (2.300)	16	16		UR	
67F-12168-E0	PAD, ADJUSTING (2.325) PASTILLE, DE REGLAGE (2.325)	16	16		UR	
67F-12168-F0	PAD, ADJUSTING (2.350) PASTILLE, DE REGLAGE (2.350)	16	16		UR	
67F-12168-G0	PAD, ADJUSTING (2.375) PASTILLE, DE REGLAGE (2.375)	16	16		UR	
67F-12168-H0	PAD, ADJUSTING (2.400) PASTILLE, DE REGLAGE (2.400)	16	16		UR	
67F-12168-J0	PAD, ADJUSTING (2.425) PASTILLE, DE REGLAGE (2.425)	16	16		UR	

FWD
68V0010-0050

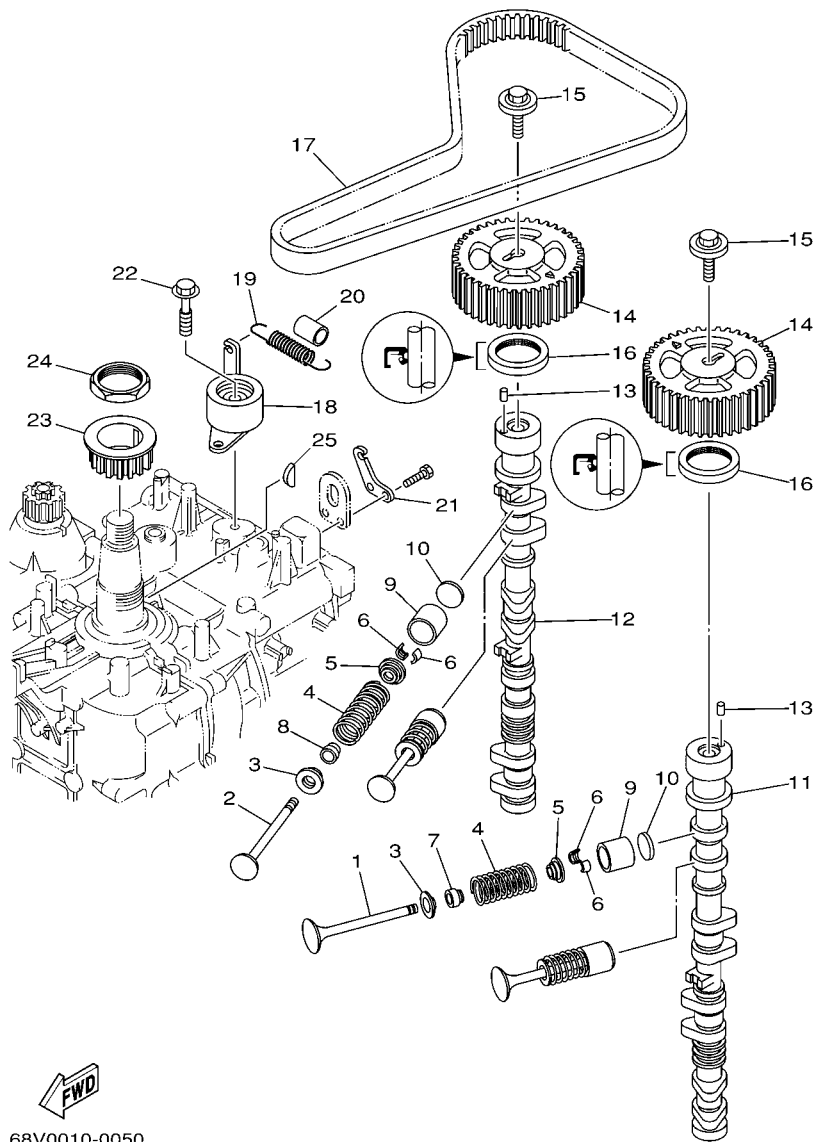
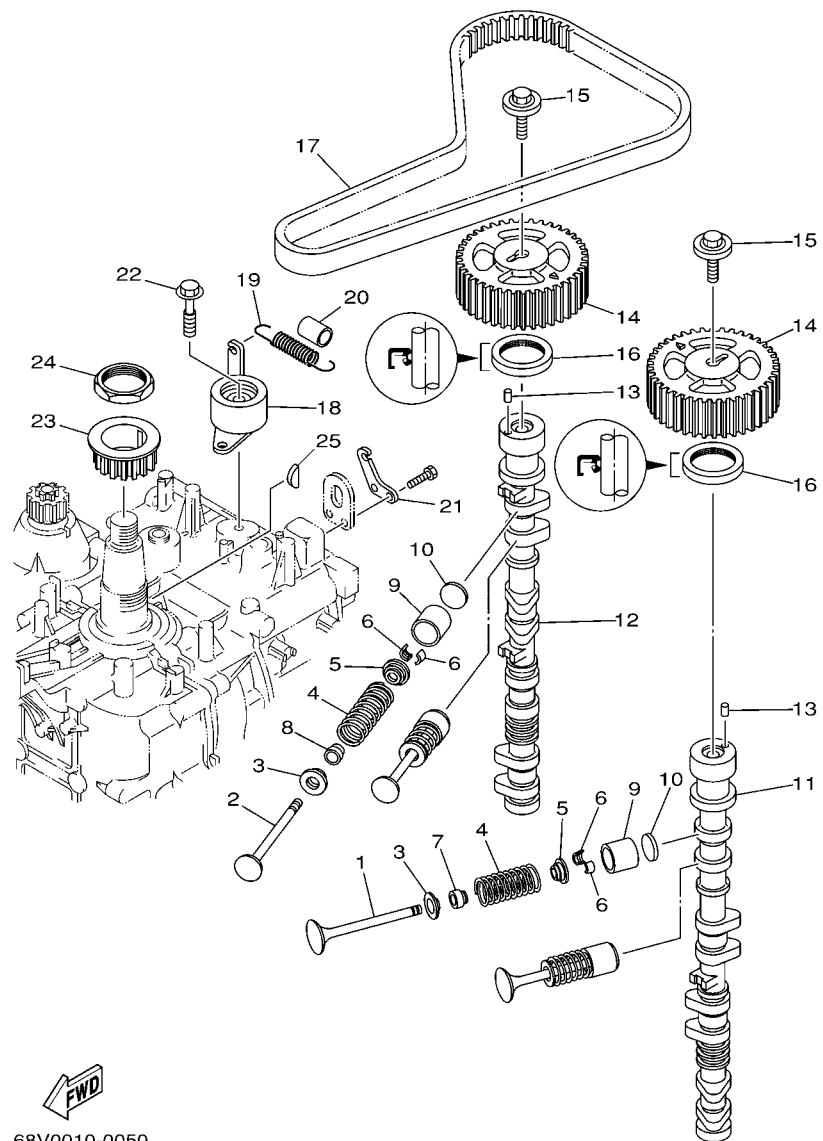


FIG. 5 VALVE

SOUPAPE

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/9	68M/9		REMARKS REMARQUES
10	67F-12168-K0	PAD, ADJUSTING (2.450) PASTILLE, DE REGLAGE (2.450)	16	16		UR UR
	67F-12168-L0	PAD, ADJUSTING (2.475) PASTILLE, DE REGLAGE (2.475)	16	16		UR UR
	67F-12168-M0	PAD, ADJUSTING (2.500) PASTILLE, DE REGLAGE (2.500)	16	16		UR UR
	67F-12168-N0	PAD, ADJUSTING (2.525) PASTILLE, DE REGLAGE (2.525)	16	16		UR UR
	67F-12168-P0	PAD, ADJUSTING (2.550) PASTILLE, DE REGLAGE (2.550)	16	16		UR UR
	67F-12168-R0	PAD, ADJUSTING (2.575) PASTILLE, DE REGLAGE (2.575)	16	16		UR UR
	67F-12168-S0	PAD, ADJUSTING (2.600) PASTILLE, DE REGLAGE (2.600)	16	16		UR UR
	67F-12168-T0	PAD, ADJUSTING (2.625) PASTILLE, DE REGLAGE (2.625)	16	16		UR UR
	67F-12168-U0	PAD, ADJUSTING (2.650) PASTILLE, DE REGLAGE (2.650)	16	16		UR UR
	67F-12168-V0	PAD, ADJUSTING (2.675) PASTILLE, DE REGLAGE (2.675)	16	16		UR UR
	67F-12168-W0	PAD, ADJUSTING (2.700) PASTILLE, DE REGLAGE (2.700)	16	16		UR UR
	67F-12168-X0	PAD, ADJUSTING (2.725) PASTILLE, DE REGLAGE (2.725)	16	16		UR UR
	67F-12168-Y0	PAD, ADJUSTING (2.750) PASTILLE, DE REGLAGE (2.750)	16	16		UR UR
	67F-12169-00	PAD, ADJUSTING (2.775) PASTILLE, DE REGLAGE (2.775)	16	16		UR UR
	67F-12169-10	PAD, ADJUSTING (2.800) PASTILLE, DE REGLAGE (2.800)	16	16		UR UR
	67F-12169-20	PAD, ADJUSTING (2.825) PASTILLE, DE REGLAGE (2.825)	16	16		UR UR
	67F-12169-30	PAD, ADJUSTING (2.850) PASTILLE, DE REGLAGE (2.850)	16	16		UR UR
	67F-12169-40	PAD, ADJUSTING (2.875) PASTILLE, DE REGLAGE (2.875)	16	16		UR UR
	67F-12169-50	PAD, ADJUSTING (2.900) PASTILLE, DE REGLAGE (2.900)	16	16		UR UR
	67F-12169-60	PAD, ADJUSTING (2.925) PASTILLE, DE REGLAGE (2.925)	16	16		UR UR
	67F-12169-70	PAD, ADJUSTING (2.950) PASTILLE, DE REGLAGE (2.950)	16	16		UR UR
	67F-12169-80	PAD, ADJUSTING (2.975) PASTILLE, DE REGLAGE (2.975)	16	16		UR UR
	67F-12169-A0	PAD, ADJUSTING (3.000) PASTILLE, DE REGLAGE (3.000)	16	16		UR UR
	67F-12169-B0	PAD, ADJUSTING (3.025) PASTILLE, DE REGLAGE (3.025)	16	16		UR UR
	67F-12169-C0	PAD, ADJUSTING (3.050) PASTILLE, DE REGLAGE (3.050)	16	16		UR UR
	67F-12169-D0	PAD, ADJUSTING (3.075) PASTILLE, DE REGLAGE (3.075)	16	16		UR UR
	67F-12169-E0	PAD, ADJUSTING (3.100) PASTILLE, DE REGLAGE (3.100)	16	16		UR UR

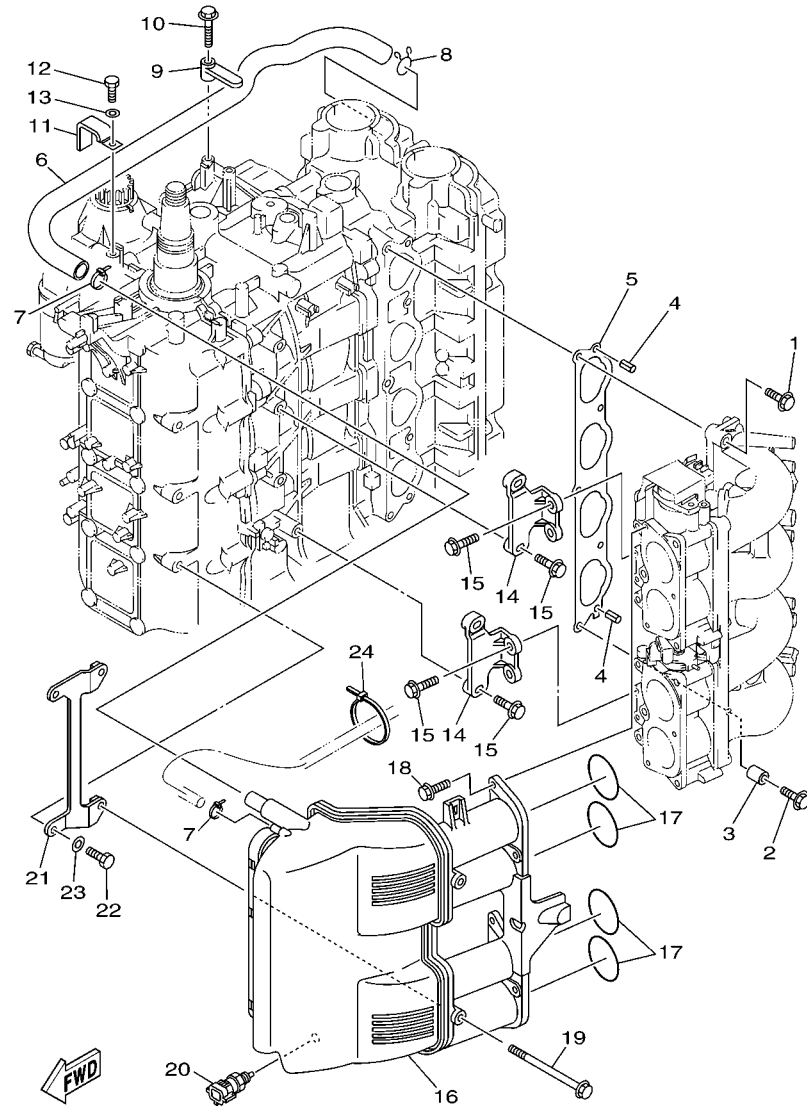


68V0010-0050

FIG. 5 VALVE

SOUPAPE

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/68M/9		REMARKS REMARQUES
10	67F-12169-F0	PAD, ADJUSTING (3.125) PASTILLE, DE REGLAGE (3.125)	16	16	UR
	67F-12169-G0	PAD, ADJUSTING (3.150) PASTILLE, DE REGLAGE (3.150)	16	16	UR
	67F-12169-H0	PAD, ADJUSTING (3.175) PASTILLE, DE REGLAGE (3.175)	16	16	UR
	67F-12169-J0	PAD, ADJUSTING (3.200) PASTILLE, DE REGLAGE (3.200)	16	16	UR
	67F-12169-K0	PAD, ADJUSTING (3.225) PASTILLE, DE REGLAGE (3.225)	16	16	UR
	67F-12169-L0	PAD, ADJUSTING (3.250) PASTILLE, DE REGLAGE (3.250)	16	16	UR
	67F-12169-M0	PAD, ADJUSTING (3.275) PASTILLE, DE REGLAGE (3.275)	16	16	UR
	67F-12169-N0	PAD, ADJUSTING (3.300) PASTILLE, DE REGLAGE (3.300)	16	16	UR
11	67F-12171-00	CAMSHAFT 1 ARBRE A CAMES 1	1	1	
12	67F-12181-00	CAMSHAFT 2 ARBRE A CAMES 2	1	1	
13	93605-10108	PIN, DOWEL AXE	2	2	
14	67F-11537-00	GEAR, DRIVEN PIGNON SECONDAIRE	2	2	
15	68V-12157-00	BOLT BOULON	2	2	
16	93102-38008	OIL SEAL JOINT SPY	2	2	
17	67F-46241-00	BELT COURROIE TRAPEZOIDALE	1	1	
18	67F-11590-00	TENSIONER ASSY TENDEUR (ENS.)	1	1	
19	90506-16M39	SPRING, TENSION RESSORT, TENSION	1	1	
20	90445-15M03	HOSE (L23) DURITE (L23)	1	1	
21	67F-11595-00	PLATE, VALVE PLAQUE DE SOUPAPE	1	1	
22	90119-10M72	BOLT, WITH WASHER BOULON, AVEC RONDELLE	1	1	
23	6D8-11536-00	GEAR, DRIVE ENGRENAGE, MENANT	1	1	
24	90170-40008	NUT ECROU	1	1	
25	90280-04008	KEY, WOODRUFF CLAVETTE, DEMI-LUNE	1	1	



68V5100-E060

FIG. 6 INTAKE 1

ADMISSION 1

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V9	68M9		REMARKS REMARQUES
1	97575-08540	BOLT, WITH WASHER VIS HEXAGONAL AVEC RONDELLE	4	4		
2	90119-08M68	BOLT, WITH WASHER BOULON, AVEC RONDELLE	1	1		
3	90387-08M32	COLLAR COLLERETTE	1	1		
4	91690-50014	PIN, SPRING AGRAFFE	2	2		
5	68V-13645-00	GASKET, MANIFOLD 1 JOINT, TUBULURE 1	1	1		
6	67F-15373-00	PIPE, BREATHER DURITE DE RENIFLARD	1	1		
7	90465-11M10	CLAMP BRIDE	2	2		
8	90467-20M15	CLIP JONC	1	1		
9	6D8-82544-00	CLAMP COLLIER	1	1		
10	95895-06025	BOLT, FLANGE BOULON	1	1		
11	90465-12M03	CLAMP BRIDE	1	1		
12	97095-06012	BOLT BOULON	1	1		
13	92995-06600	WASHER RONDELLE	1	1		
14	68V-14291-00-94	BRACKET 1 SUPPORT 1	2	2		
15	90119-06M49	BOLT, WITH WASHER BOULON, AVEC RONDELLE	8	8		
16	68V-14440-00	SILENCER ASSY, INTAKE SIENCIEUX D'ADMISSION	1	1		
17	93210-48MJ9	O-RING JOINT TORIQUE	4	4		
18	90119-06M82	BOLT, WITH WASHER BOULON, AVEC RONDELLE	6	6		
19	90119-06ME1	BOLT, WITH WASHER BOULON, AVEC RONDELLE	2	2		
20	65L-85886-00	THERMOSENSOR SENSITOMETRE	1	1		
21	68V-14292-00	BRACKET 2 SUPPORT 2	1	1		
22	97095-08020	BOLT BOULON	2	2		
23	92995-08600	WASHER RONDELLE	2	2		
24	90465-13M18	CLAMP BRIDE	1	1		

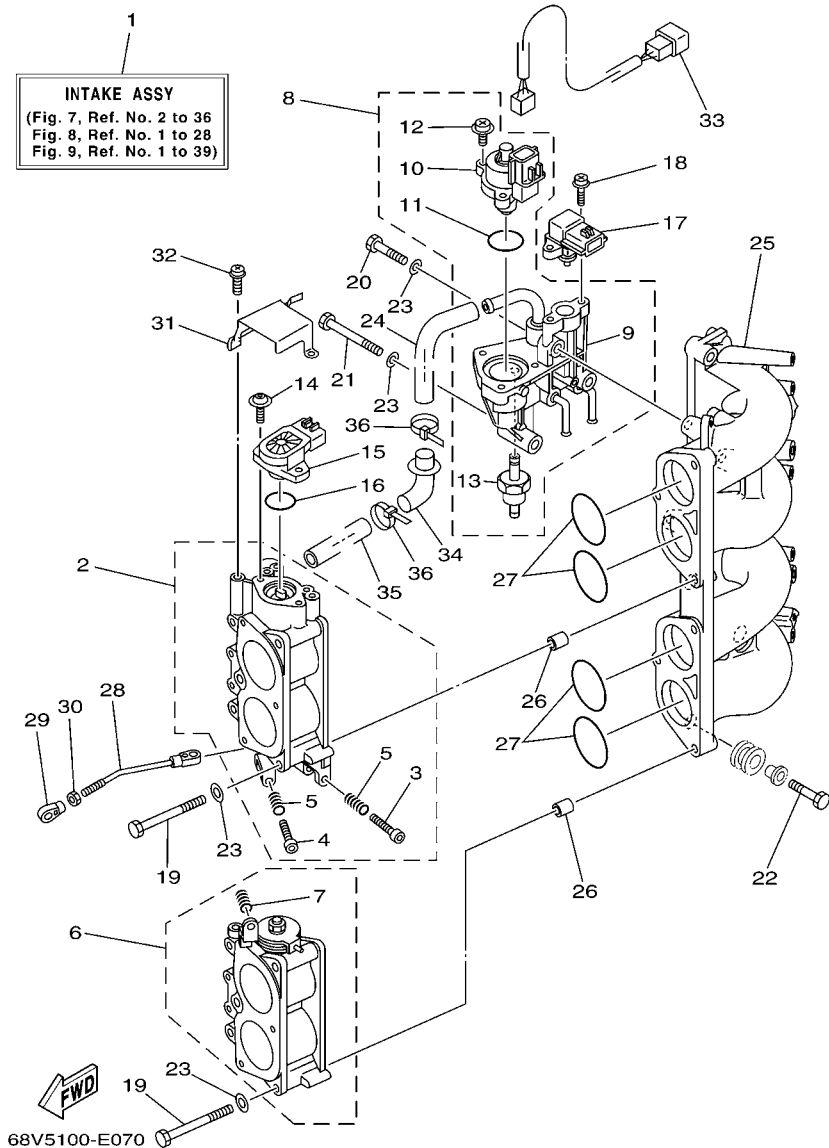
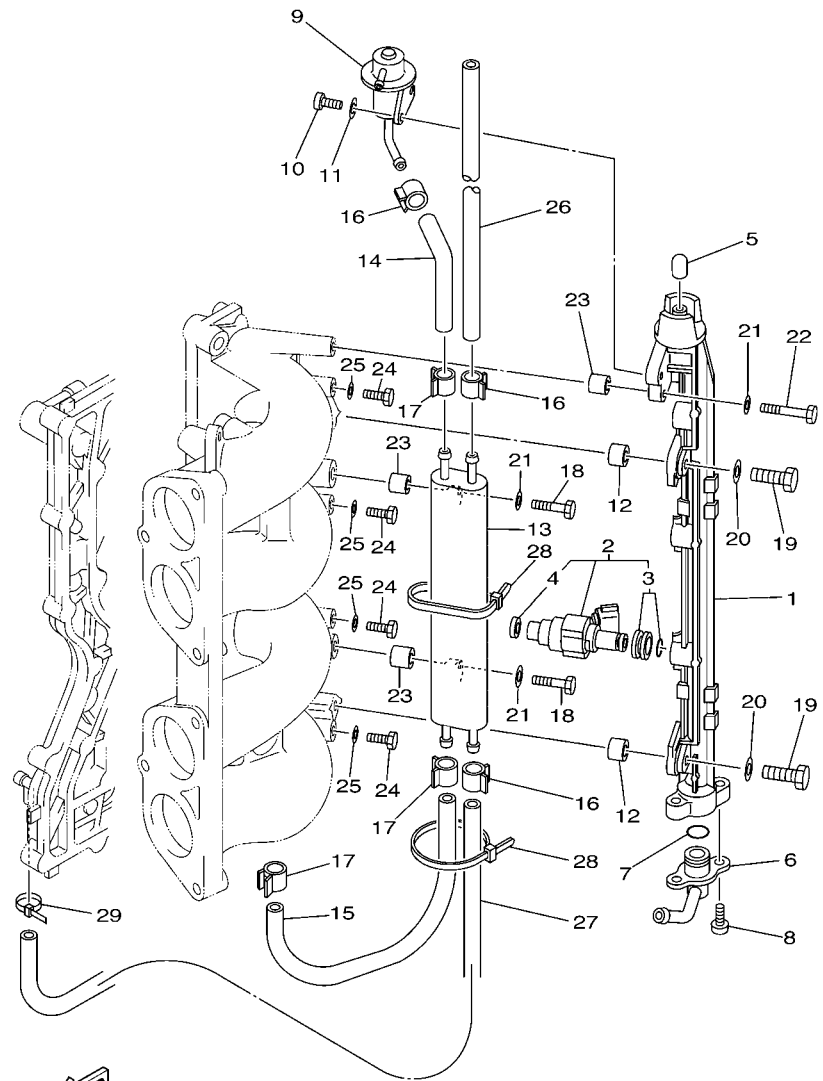


FIG. 7 INTAKE 2

ADMISSION 2

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V	68M9	REMARKS REMARQUES
1	68V-14200-21	INTAKE ASSY ADMISSION (ENS.)	1	1	
2	68V-13751-01	BODY, THROTTLE 1 CARTER 1	1	1	
3	68V-14323-00	.SCREW, AIR ADJUSTING .VIS DE DOSEUR D'AIR	1	1	
4	68V-14321-00	.SCREW, THROTTLE .VIS, ACCELERATEUR	1	1	
5	68V-14331-00	.SPRING, THROTTLE VALVE .RESSORT, BOISSEAU	2	2	
6	68V-13752-01	BODY, THROTTLE 2 CARTER 2	1	1	
7	68V-14331-00	.SPRING, THROTTLE VALVE .RESSORT, BOISSEAU	1	1	
8	68V-13105-00	CONTROL VALVE ASSY SOUPAPE DE CONTROLE COMPLET	1	1	
9	68V-14960-00	.BODY ASSY .CARTER (ENS.)	1	1	
10	68V-1312A-00	.VALVE, CONTROL .EMBLEME, YAMAHA	1	1	
11	68V-13473-00	.O-RING .JOINT TORIQUE	1	1	
12	68V-81146-01	.SCREW 2 .VIS 2	3	3	
13	68V-14511-00	.FILTER ASSY .ENS FILTRE	1	1	
14	68V-81145-01	SCREW 1 VIS 1	2	2	
15	68V-85885-00	THROTTLE SENSOR ASSY SENSITOMETRE (ENS.)	1	1	
16	68V-8182L-00	O-RING 1 JOINT TORIQUE 1	1	1	
17	68V-82380-00	SENSOR, PRESSURE SONDE DE PRESSION	1	1	
18	68V-81147-00	SCREW 3 VIS 3	2	2	
19	68V-14496-00	BOLT BOULON	6	6	
20	68V-13574-00	BOLT 2 BOULON 2	1	1	
21	68V-13573-00	BOLT 1 BOULON 1	2	2	
22	68V-14777-00	BOLT BOULON	3	3	
23	68V-14475-00	WASHER RONDELLE	9	9	
24	68V-14419-10	PIPE DURITE	1	1	
25	68V-13641-00-94	MANIFOLD 1 TUBULURE 1	1	1	
26	99530-10114	PIN, DOWEL GOUJON, D'ASSEMBLAGE	4	4	
27	93210-48MG8	O-RING JOINT TORIQUE	4	4	



68V1010-2080

FIG. 8 FUEL INJECTION NOZZLE FUEL INJECTION NOZZLE

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/68	68V/9		REMARKS REMARQUES
1	68V-13160-00	DELIVERY PIPE ASSY 1 ENS. TUBE DE REFOULEMENT 1	1	1		
2	68V-8A360-00	INJECTOR UNIT INJECTEUR	4	4		
3	68V-1410B-00	.PACKING KIT .POCHETTE DE JOINTS	1	1		
4	68V-13766-00	.RUBBER, INJECTOR .RONDELLE CAOUTCHOUC	1	1		
5	68V-14225-00	CAP COUVERCLE	1	1		
6	68V-13435-00	NIPPLE RACCORD	1	1		
7	68V-14397-00	O-RING JOINT TORIQUE	1	1		
8	68V-81147-00	SCREW 3 VIS 3	2	2		
9	68V-13906-01	REGULATOR, PRESSURE REGULATEUR DE PRESSION	1	1		
10	68V-14565-00	SCREW VIS	2	2		
11	68V-14356-00	WASHER, SPRING RONDELLE	2	2		
12	68V-14264-00	COLLAR COLLERETTE	2	2		
13	69J-21841-02	COOLER RADIATEUR	1	1		
14	68V-13971-00	PIPE, FUEL 1 TUBE 1, CARBURANT	1	1		
15	68V-13972-00	PIPE, FUEL 2 TUBE 2, CARBURANT	1	1		
16	68V-24519-00	CLIP JONC	3	3		
17	68V-2411M-00	CLIP JONC	3	3		
18	68V-14777-00	BOLT BOULON	2	2		
19	68V-14428-00	BOLT BOULON	2	2		
20	68V-14475-00	WASHER RONDELLE	2	2		
21	68V-14357-00	WASHER, PLAIN RONDELLE PLATE	3	3		
22	68V-14446-00	BOLT BOULON	1	1		
23	68V-14265-00	COLLAR COLLERETTE	3	3		
24	97095-06010	BOLT BOULON	4	4		
25	90430-06014	GASKET JOINT	4	4		
26	68V-2247A-10	HOSE 1 DURITE 1	1	1		
27	68V-2247B-00	HOSE 2 DURITE 2	1	1		

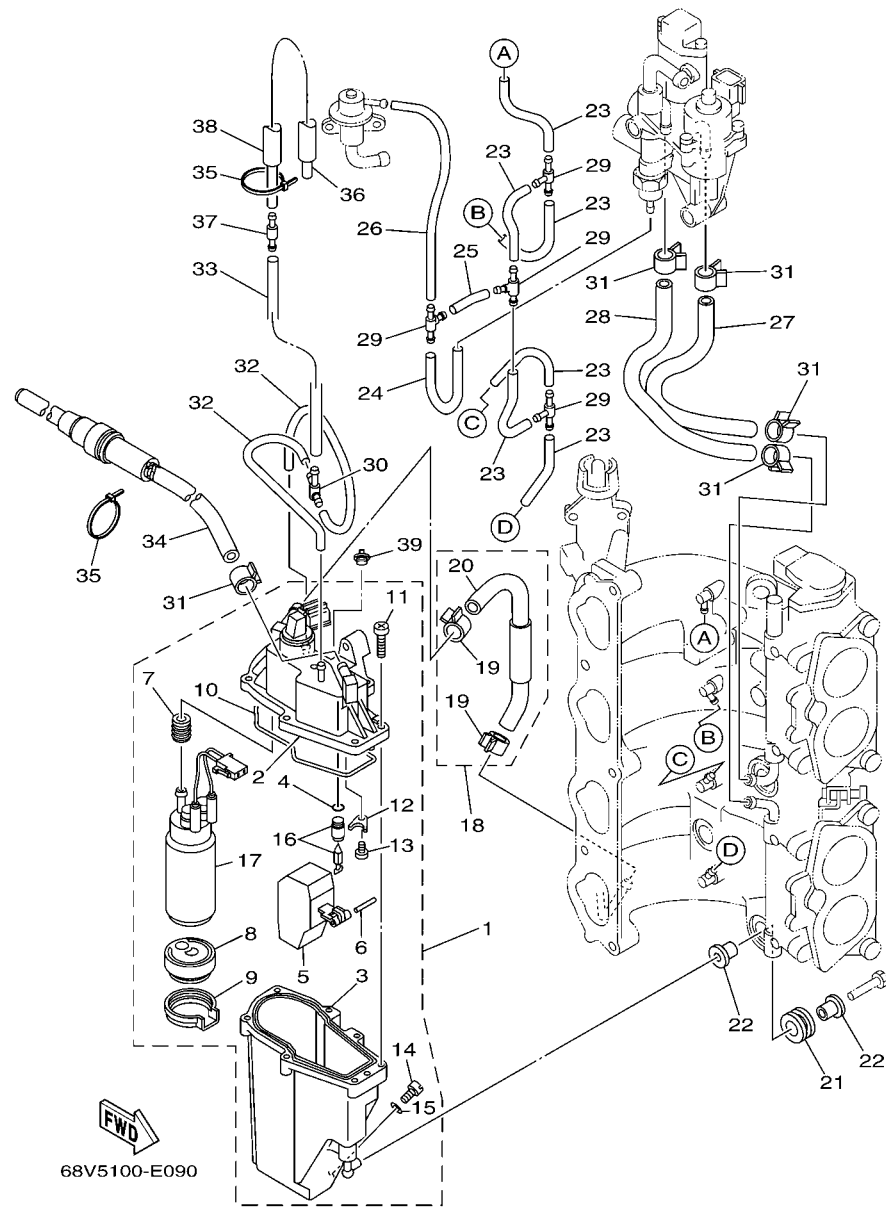


FIG. 9 FUEL INJECTION PUMP

FUEL INJECTION PUMP

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V	68W		REMARKS REMARQUES
1	68V-14180-03	FLOAT CHAMBER ASSY CUVE DE FLOTTEUR	1	1		
2	68V-14182-01	.COVER, FLOAT CHAMBER .COUVERCLE, CUVE DE FLOTTEUR	1	1		
3	68V-14181-00	.BODY, FLOAT CHAMBER 1 .CORPS, CUVE DE FLOTTEUR 1	1	1		
4	68V-13769-00	.O-RING .JOINT TORIQUE	1	1		
5	68V-14985-00	.FLOAT .FLOTTEUR	1	1		
6	68V-14386-00	.PIN, FLOAT .AXE, FLOTTEUR	1	1		
7	68V-13781-10	.DAMPER, PUMP .AMORTISSEUR, POMPE	1	1		
8	68V-13915-00	.FILTER .FILTRE	1	1		
9	68V-13784-00	.COVER, PUMP .COUVERCLE, POMPE	1	1		
10	68V-14984-00	.GASKET, FLOAT CHAMBER .JOINT, CUVE DE FLOTTEUR	1	1		
11	68V-14567-00	.SCREW .VIS	7	7		
12	68V-14255-00	.PLATE .PLAQUE	1	1		
13	68V-14592-00	.SCREW .VIS	1	1		
14	68V-14191-00	.PLUG, DRAIN .PLOT, VIDANGE	1	1		
15	68V-14126-00	.GASKET .JOINT	1	1		
16	68V-14546-00	.VALVE, NEEDLE .POINTEAU	1	1		
17	68V-13907-03	.FUEL PUMP COMP. .POMPE A CARBURANT COMP.	1	1		
18	68V-14807-11	HOSE COMP. DURITE (ENS.)	1	1		
19	68V-13577-00	.CLIP .AGRAFE	2	2		
20	68V-13973-10	.PIPE, FUEL 3 .TUBE 3, CARBURANT	1	1		
21	68V-13593-00	DAMPEN AMORTISSEUR	3	3		
22	68V-13716-00	COLLAR COLLERETTE	6	6		
23	68V-13542-00	HOSE, VACUUM SENSING 1 DURITE 1	6	6		
24	68V-13533-00	HOSE, VACUUM SENSING 4 DURITE 4	1	1		
25	68V-13544-00	HOSE, VACUUM SENSING 2 DURITE 2	1	1		
26	68V-13532-01	HOSE, VACUUM SENSING 3 DURITE 3	1	1		
27	68V-13545-00	HOSE 1 DURITE 1	1	1		

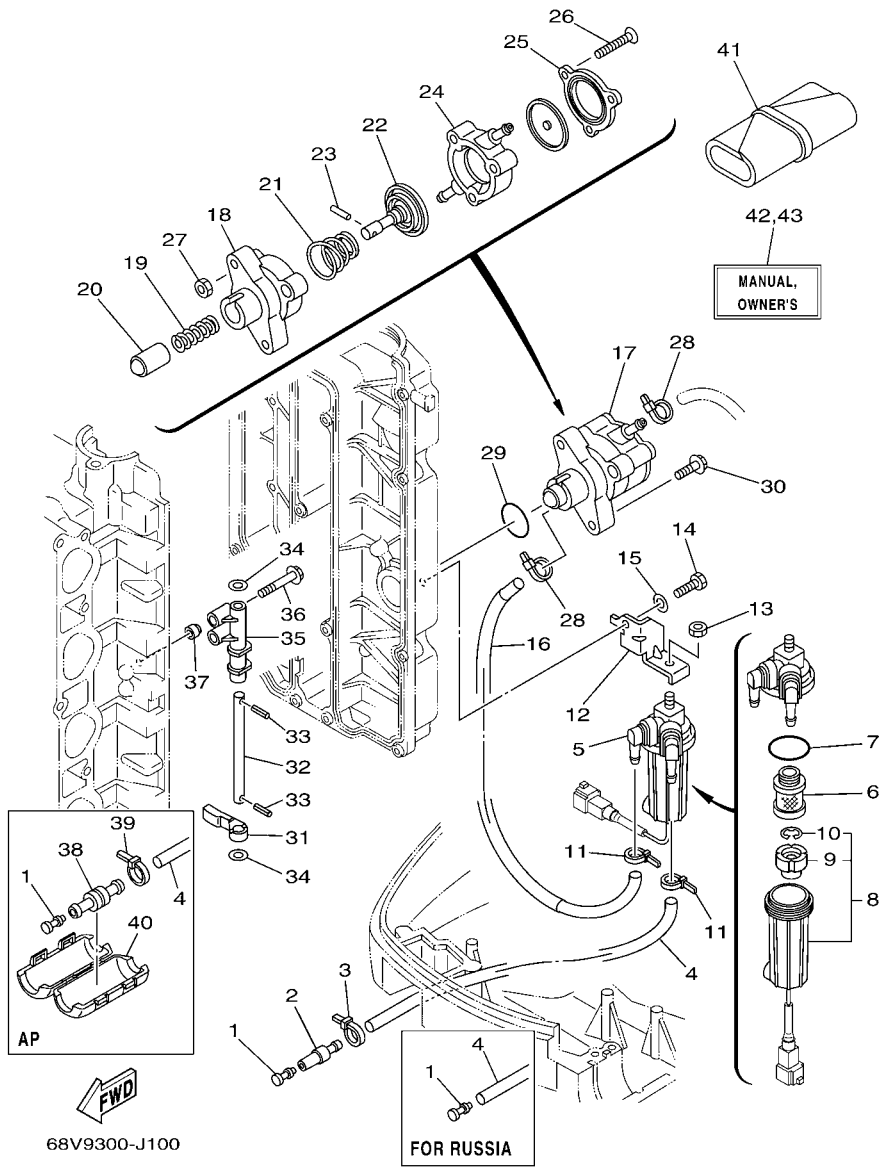


FIG. 10 FUEL 1 CARBURANT 1

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V	68M9	REMARKS REMARQUES
1	689-85547-00	DAMPER AMORTISSEUR	1	1	
2	6R3-24377-00	PIPE, JOINT 2 DURITE RACCORDEMENT 2	1	1	FOR EUR
3	90465-11M10	CLAMP BRIDE	1	1	FOR EUR
4	90445-13M27	HOSE (L950) DURITE (L950)	1	1	FOR EUR
	90445-13M37	HOSE (L2300) DURITE (L2300)	1		FOR EUR
	90445-13015	HOSE (L1300) DURITE (L1300)	1	1	FOR RUS
					FOR RUS
5	6D8-24560-00	FILTER ASSY ENS FILTRE	1	1	AP
6	6D8-24563-00	.ELEMENT, FILTER .ELEMENT, FILTRE	1	1	AP
7	6D8-24564-00	.GASKET .JOINT	1	1	
8	6D8-24562-00	.CUP, FILTER .CUVETTE, FILTRE	1	1	
9	6D8-24469-00	..FLOAT, WATER LEVEL ..FLOTTEUR	1	1	
10	6D8-24519-00	..CLIP ..JONC	1	1	
11	90465-11M10	CLAMP BRIDE	2	2	
12	68V-24566-00	BRACKET, FILTER SUPPORT, FILTRE	1	1	
13	95380-08600	NUT ECROU	1	1	
14	97095-06016	BOLT BOULON	1	1	
15	92995-06600	WASHER RONDELLE	1	1	
16	68V-24311-00	PIPE, FUEL 1 DURITE A ESSENCE	1	1	
17	68V-24410-00	FUEL PUMP ASSY POMPE A ESSENCE	1	1	
18	68V-24412-00	.BODY 1 .CORPS 1	1	1	
19	68V-24454-00	.SPRING .RESSORT	1	1	
20	68V-13131-00	.PLUNGER .PLONGEUR	1	1	
21	68V-24423-00	.SPRING, DIAPHRAGM .RESSORT, DIAPHRAGME	1	1	
22	68V-24411-00	.DIAPHRAGM .DIAPHRAGME	1	1	
23	68V-24374-00	.PIN .GOUILLE	1	1	
24	68V-24413-00	.BODY 2 .CORPS 2	1	1	
25	68V-24414-00	.BODY 3 .CORPS 3	1	1	

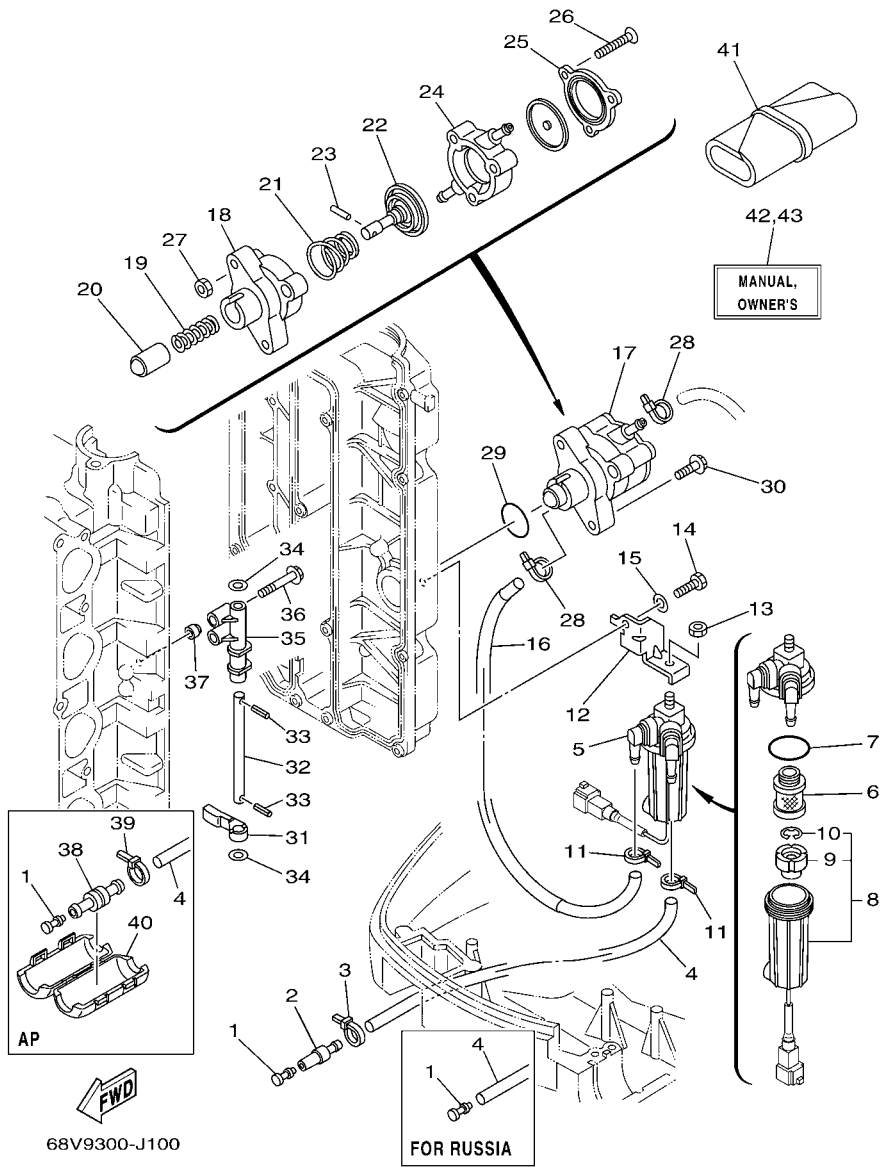


FIG. 10 FUEL 1 CARBURANT 1

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V9	68M9	REMARKS REMARQUES
26	68V-24444-00	.SCREW .VIS	3	3	
27	68V-24149-00	.NUT .ECROU	3	3	
28	90465-11M10	CLAMP BRIDE	2	2	
29	93210-30682	O-RING JOINT TORIQUE	1	1	
30	90119-06M83	BOLT, WITH WASHER BOULON, AVEC RONDELLE	2	2	
31	67F-24575-00	LEVER, FUEL CHANGE LEVIER, D'ESSENCE	1	1	
32	68V-24495-00	SHAFT AXE	1	1	
33	91609-25014	PIN, SPRING AXE DE RESSORT	2	2	
34	90201-08M12	WASHER, PLATE RONDELLE, PLATE	2	2	
35	67F-24491-00	BRACKET, FUEL PUMP SUPPORT, POMPE A ESSENCE	1	1	
36	90119-07235	BOLT/WASHER-CAM CAPS BOULON, AVEC RONDELLE	2	2	
37	91809-08006	PIN, DOWEL GOUJON, D'ASSEMBLAGE	2	2	
38	6R3-24377-10	PIPE, JOINT 2 DURITE RACCORDEMENT 2	1	1	AP AP
39	90465-11M10	CLAMP BRIDE	1	1	AP AP
40	68V-24452-00	COVER COUVERCLE	1	1	AP AP
41	67F-28100-01	TOOL KIT TROUSSE A OUTILS	1	1	
42	68V-28199-7C-E0	MANUAL, OWNER'S MANUEL D'UTILISATION	1	1	UR (E) UR (E)
	68V-28199-7C-F0	MANUAL, OWNER'S MANUEL D'UTILISATION	1	1	UR (F) UR (F)
	68V-28199-7C-S0	MANUAL, OWNER'S MANUEL D'UTILISATION	1	1	UR (ES) UR (ES)
	68V-28199-7C-G0	MANUAL, OWNER'S MANUEL D'UTILISATION	1	1	UR (D) UR (D)
	68V-28199-7C-D0	MANUAL, OWNER'S MANUEL D'UTILISATION	1	1	UR (NL) UR (NL)
	68V-28199-7C-H0	MANUAL, OWNER'S MANUEL D'UTILISATION	1	1	UR (I) UR (I)
43	68V-28199-8D-K0	MANUAL, OWNER'S MANUEL D'UTILISATION	1	1	UR (DK) UR (DK)
	68V-28199-8D-R0	MANUAL, OWNER'S MANUEL D'UTILISATION	1	1	UR (GR) UR (GR)
	68V-28199-8D-P0	MANUAL, OWNER'S MANUEL D'UTILISATION	1	1	UR (P) UR (P)
	68V-28199-8D-N0	MANUAL, OWNER'S MANUEL D'UTILISATION	1	1	UR (N) UR (N)
	68V-28199-8D-M0	MANUAL, OWNER'S MANUEL D'UTILISATION	1	1	UR (S) UR (S)

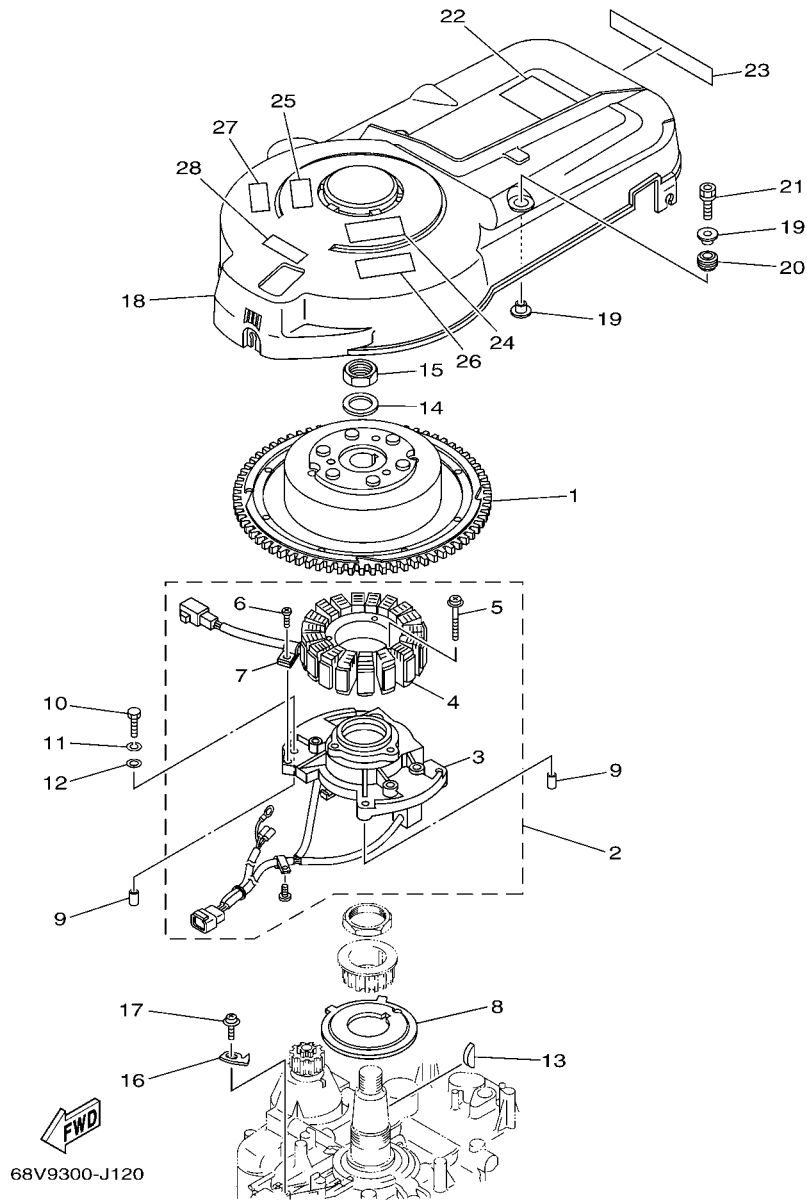


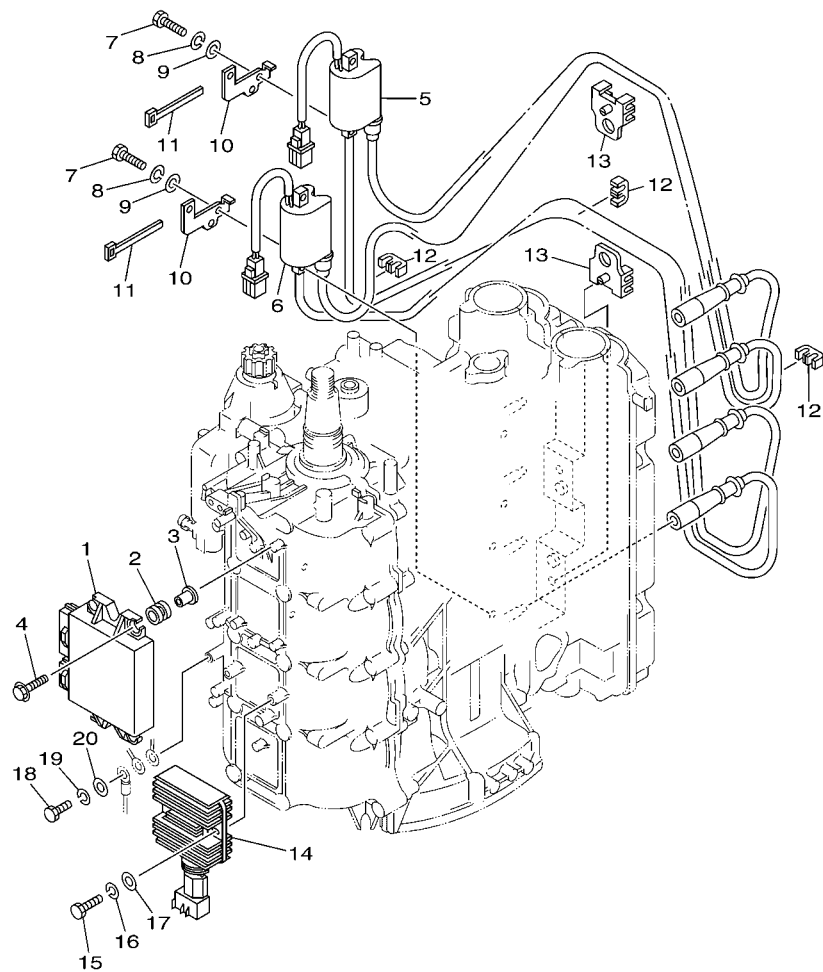
FIG. 12 GENERATOR

GENERATRICE

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/68W	68W/68V		REMARKS REMARQUES
1	68V-81450-00	ROTOR ASSY ROTOR COMPLET	1	1		
2	68V-81460-00	BASE ASSY ENS. FLASQUE	1	1		
3	68V-85580-00	.COIL, PULSER .BOBINE, PULSEUR	1	1		
4	68V-81410-00	.STATOR ASSY .STATOR COMPLET	1	1		
5	63D-81345-20	.SCREW, WITH WASHER (M6X30) .VIS, AVEC RONDELLE (M6X30)	3	3		
6	97607-04110	.SCREW, WITH WASHER .VIS HEXAGONAL	1	1		
7	445-81328-20	.CLAMP .COLLIER	1	1		
8	68V-81673-00	ROTOR ROTOR	1	1		
9	99530-08012	PIN, DOWEL GOUJON, D'ASSEMBLAGE	2	2		
10	97095-06030	BOLT BOULON	4	4		
11	92995-06100	WASHER, SPRING RONDELLE, GROWER	4	4		
12	92995-06600	WASHER RONDELLE	4	4		
13	90280-04M08	KEY, WOODRUFF CLAVETTE, DEMI-LUNE	1	1		
14	90201-24014	WASHER, PLATE RONDELLE, PLATE	1	1		
15	90179-24002	NUT ECROU	1	1		
16	6D8-81332-00	PLATE, TIMING PLATEAU, ALLUMAGE	1	1		
17	97985-06210	SCREW, WITH WASHER VIS, AVEC RONDELLE	1	1		
18	67F-81337-01	COVER, FLYWHEEL COUVERCLE, VOLANT	1	1		
19	90387-06M71	COLLAR COLLERETTE	4	4		
20	90480-15M31	GROMMET PASSE-FIL	2	2		
21	90119-06M92	BOLT, WITH WASHER BOULON, AVEC RONDELLE	2	2		
22	67F-12138-60	MARK, CAUTION MAKER	1	1		
23	68V-13437-62	MARK, CAUTION MAKER	1	1		
24	6AH-81995-40	LABEL, WARNING ETIQUETTE, AVERTISSEMENT	1	1		
25	6AH-81995-50	LABEL, WARNING ETIQUETTE, AVERTISSEMENT	1	1		
26	6AH-81994-40	LABEL, SAFETY ETIQUETTE, SECURITE	1	1		
27	6AH-81994-50	LABEL, SAFETY ETIQUETTE, SECURITE	1	1		

FIG. 13 ELECTRICAL 1

PARTIE ELECTRIQUE 1

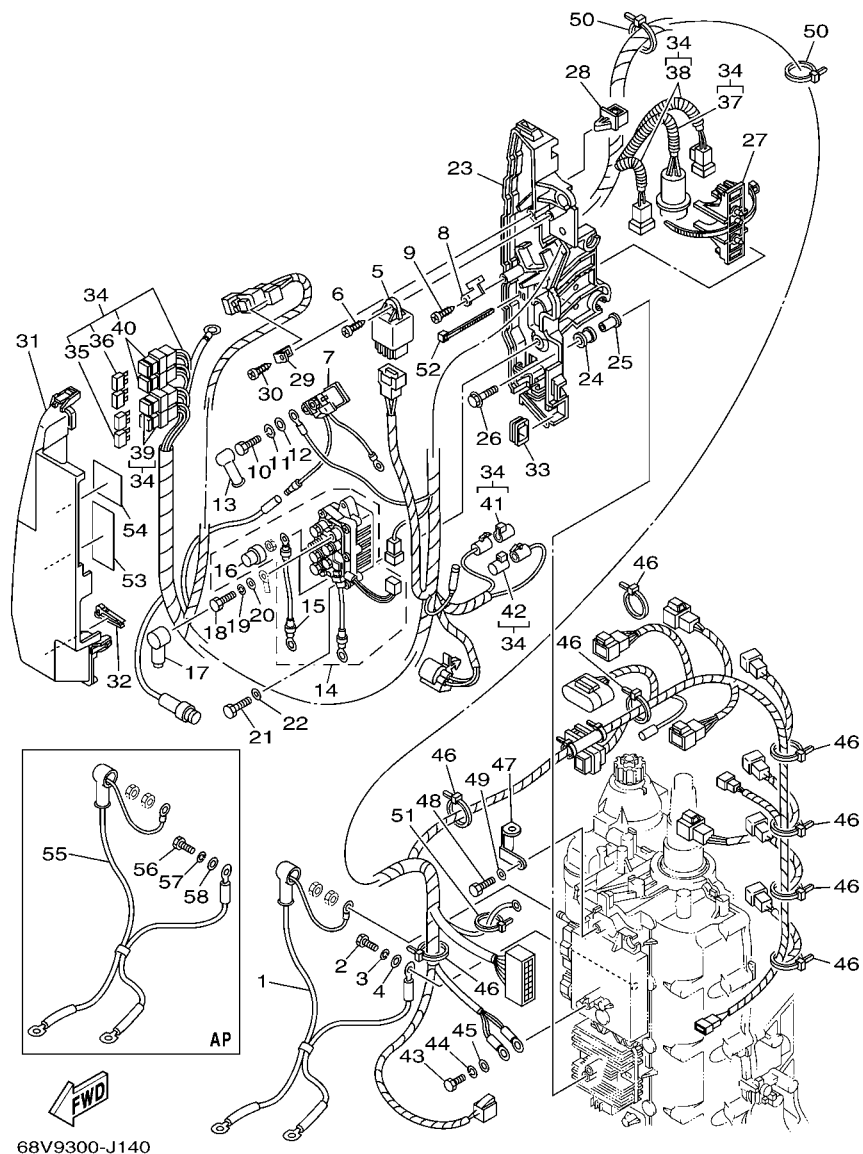



68V7100-G132

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V	68M	REMARKS REMARQUES
1	68V-8591A-51	ENGINE CONTROL UNIT ASSY BLOC DE CONTROL	1	1	
2	68V-82317-00	DAMPER, IGNITION COIL AMORTISSEUR, BOBINE D'ALLUM	4	4	
3	90387-06119	COLLAR COLLERETTE	4	4	
4	90119-06M59	BOLT, WITH WASHER BOULON, AVEC RONDELLE	4	4	
5	68V-82310-00	IGNITION COIL ASSY BOBINE D'ALLUMAGE	1	1	
6	68V-82310-10	IGNITION COIL ASSY BOBINE D'ALLUMAGE	1	1	
7	97095-06025	BOLT BOULON	4	4	
8	92995-06100	WASHER, SPRING RONDELLE, GROWER	4	4	
9	92995-06600	WASHER RONDELLE	4	4	
10	68V-82388-00	PLATE PLAQUETTE	2	2	
11	90464-06001	CLAMP BRIDE	2	2	
12	67F-82361-00	CLAMP, CORD COLLIER, CORDON	3	3	
13	67F-82362-00	CLAMP, CORD 2 COLLIER, CABLE 2	2	2	
14	68V-81960-10	RECTIFIER & REGULATOR ASSY REDRESSEUR REGULATEUR CPLT	1	1	
15	97095-06025	BOLT BOULON	2	2	
16	92995-06100	WASHER, SPRING RONDELLE, GROWER	2	2	
17	92995-06600	WASHER RONDELLE	2	2	
18	97095-06016	BOLT BOULON	1	1	
19	92995-06100	WASHER, SPRING RONDELLE, GROWER	1	1	
20	92995-06600	WASHER RONDELLE	1	1	

FIG. 14 ELECTRICAL 2

PARTIE ELECTRIQUE 2



REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/689		REMARKS REMARQUES
1	68V-82105-00	WIRE HARNESS FAISCEAU DE FILS	1	1	FOR EUR,RUS FOR EUR,RUS
2	97013-06020	BOLT BOULON	1	1	FOR EUR,RUS FOR EUR,RUS
3	92903-06100	WASHER, SPRING RONDELLE, GROWER	1	1	FOR EUR,RUS FOR EUR,RUS
4	92903-06600	WASHER, PLATE RONDELLE, PLATE	1	1	FOR EUR,RUS FOR EUR,RUS
5	68V-81950-00	RELAY ASSY RELAIS COMPLET	1	1	
6	97780-60625	SCREW, TAPPING VIS, TETE BOMBEE	1	1	
7	68V-8194A-00	RELAY RELAIS	1	1	
8	68V-81953-00	STAY, RELAY SUPPORT, RELAIS	1	1	
9	97780-60620	SCREW, TAPPING VIS, TETE BOMBEE	1	1	
10	97095-06010	BOLT BOULON	2	2	
11	92995-06100	WASHER, SPRING RONDELLE, GROWER	2	2	
12	92995-06600	WASHER RONDELLE	2	2	
13	6G5-82119-00	COVER, LEAD WIRE GARNITURE, FIL	2	2	
14	68V-8195B-01	RELAY ASSY RELAIS COMPLET	1	1	
15	68V-81949-00	.WIRE, LEAD .FIL	1	1	
16	68V-82532-00	.CAP .COUVERCLE	1	1	
17	682-82119-01	COVER, LEAD WIRE GARNITURE, FIL	2	2	
18	97095-06010	BOLT BOULON	2	2	
19	92995-06100	WASHER, SPRING RONDELLE, GROWER	2	2	
20	92995-06600	WASHER RONDELLE	2	2	
21	97013-06020	BOLT BOULON	2	2	
22	92903-06600	WASHER, PLATE RONDELLE, PLATE	2	2	
23	68V-81948-02	BRACKET SUPPORT	1	1	
24	6A0-82317-00	DAMPER, IGNITION COIL AMORTISSEUR, BOBINE D'ALLUM	5	5	
25	90387-06119	COLLAR COLLERETTE	5	5	
26	90119-06M59	BOLT, WITH WASHER BOULON, AVEC RONDELLE	5	5	
27	68V-82594-00	CLAMP BRIDE	1	1	

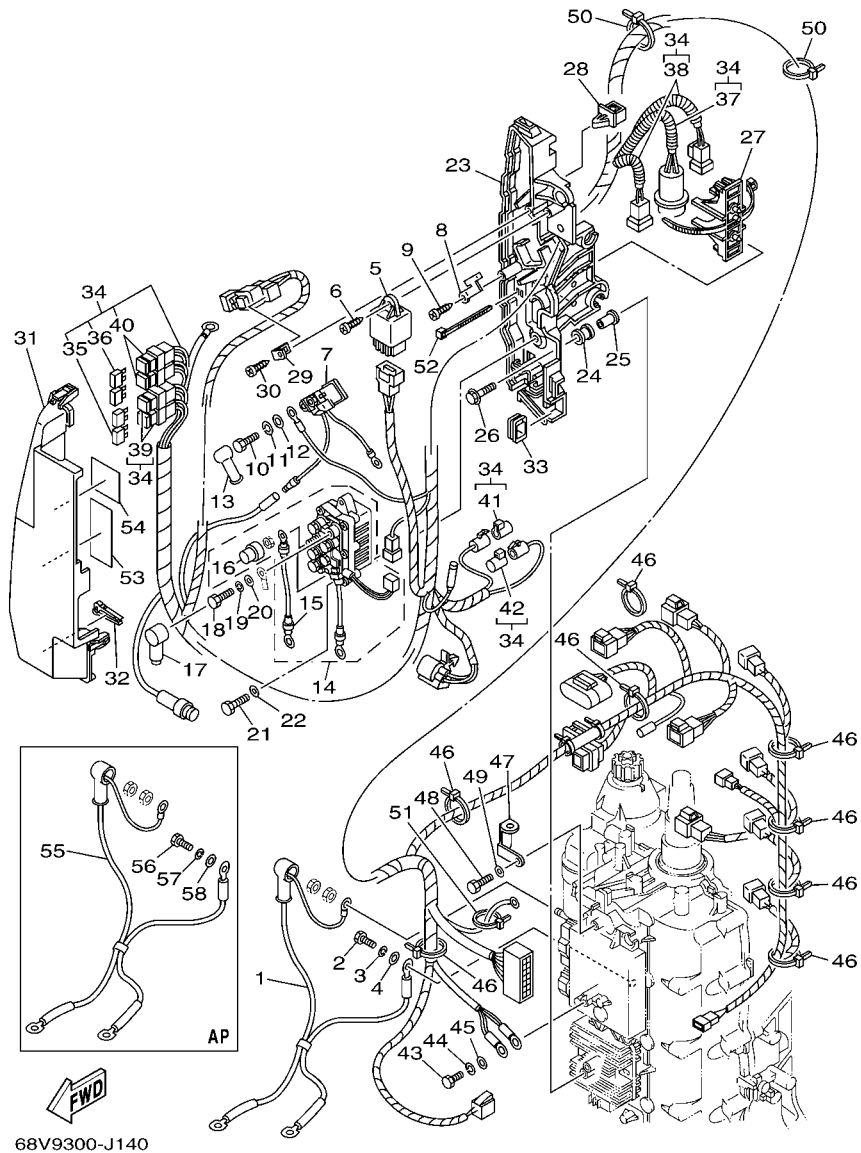


FIG. 14 ELECTRICAL 2

PARTIE ELECTRIQUE 2

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/68	68/9		REMARKS REMARQUES
28	90464-12M58	CLAMP BRIDE	1	1		
29	68V-85548-00	HOLDER SUPPORT	1	1		
30	97780-60620	SCREW, TAPPING VIS, TETE BOMBEE	1	1		
31	68V-81942-03	COVER COUVERCLE	1	1		
32	67F-2812A-00	PULLER, FUSE TENDEUR, FUSIBLE	1	1		
33	6D8-81518-00	GROMMET PASSE-FIL	1	1		
34	68V-82590-50	WIRE HARNESS ASSY FAISCEAU DE FILS COMPLET	1	1		
35	67F-82151-00	.FUSE (20A) .FUSIBLE (20A)	4	4		
36	67F-82151-10	.FUSE (30A) .FUSIBLE (30A)	4	4		
37	90447-10003	.TUBE .DURITE	1	1		
38	90447-07007	.TUBE .DURITE	2	2		
39	67F-8215B-10	.CAP (YELLOW) .BOUCHON (YELLOW)	2	2		
40	67F-8215B-20	.CAP (GREEN) .BOUCHON (GREEN)	2	2		
41	6P2-82582-00	.CAP 1 (FEMALE) .BOUCHON 1 (FEMME)	1	1		
42	6P2-82582-10	.CAP 1 (MALE) .BOUCHON 1 (MALE)	1	1		
43	97095-06016	BOLT BOULON	1	1		
44	92995-06100	WASHER, SPRING RONDELLE, GROWER	1	1		
45	92995-06600	WASHER RONDELLE	1	1		
46	90465-13M18	CLAMP BRIDE	9	9		
47	6D8-82581-00	STAY, CORD CLAMP SUPPORT, COLLIER DE CORDON	1	1		
48	97095-06014	BOLT BOULON	1	1		
49	92995-06600	WASHER RONDELLE	1	1		
50	90465-11M52	CLAMP BRIDE	2	2		
51	90465-13M18	CLAMP BRIDE	1	1		
52	90465-13M18	CLAMP BRIDE	2	2		
53	68V-81919-00	GRAPHIC, REGULATOR ADHESIF, REGULATEUR	1	1		
54	68V-81919-10	GRAPHIC, REGULATOR ADHESIF, REGULATEUR	1	1		

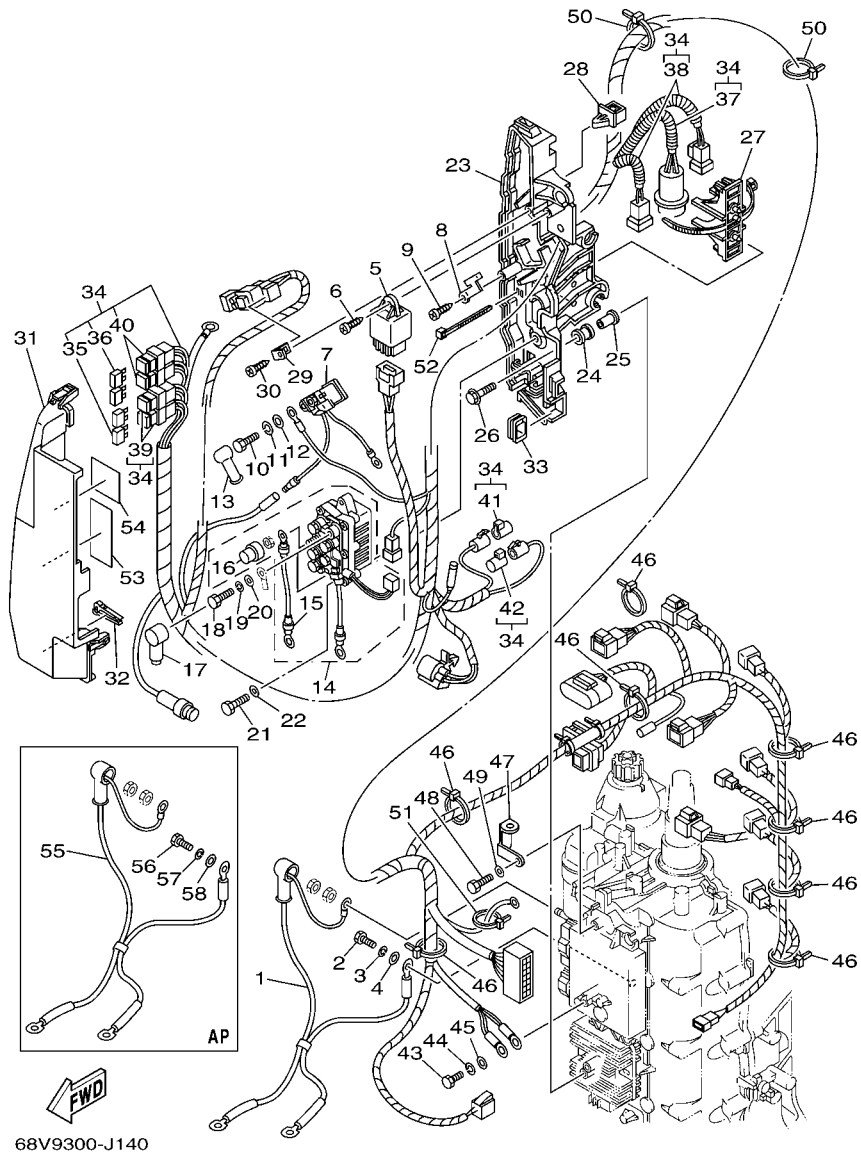


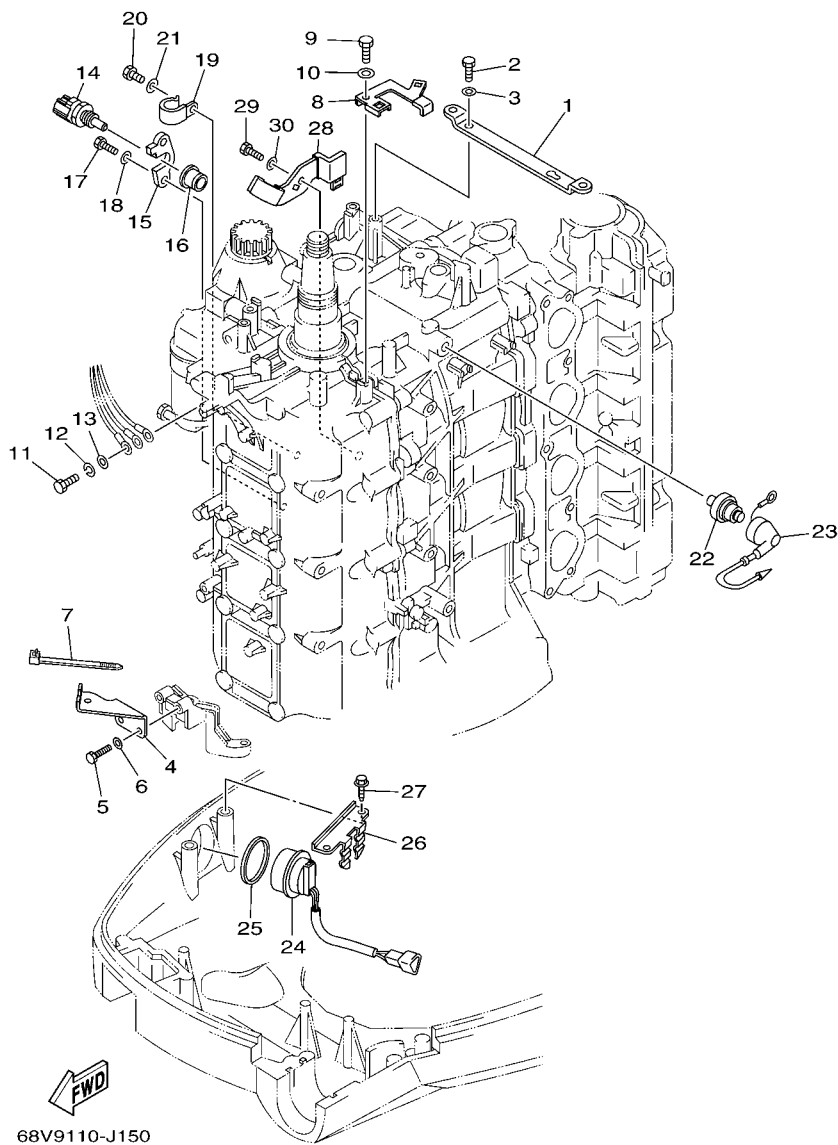
FIG. 14 ELECTRICAL 2

PARTIE ELECTRIQUE 2

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V9	68M9		REMARKS REMARQUES
55	68V-82105-00	WIRE HARNESS FAISCEAU DE FILS	1	1		AP
56	97013-06020	BOLT BOULON	1	1		AP
57	92903-06100	WASHER, SPRING RONDELLE, GROWER	1	1		AP
58	92903-06600	WASHER, PLATE RONDELLE, PLATE	1	1		AP

FIG. 15 ELECTRICAL 3

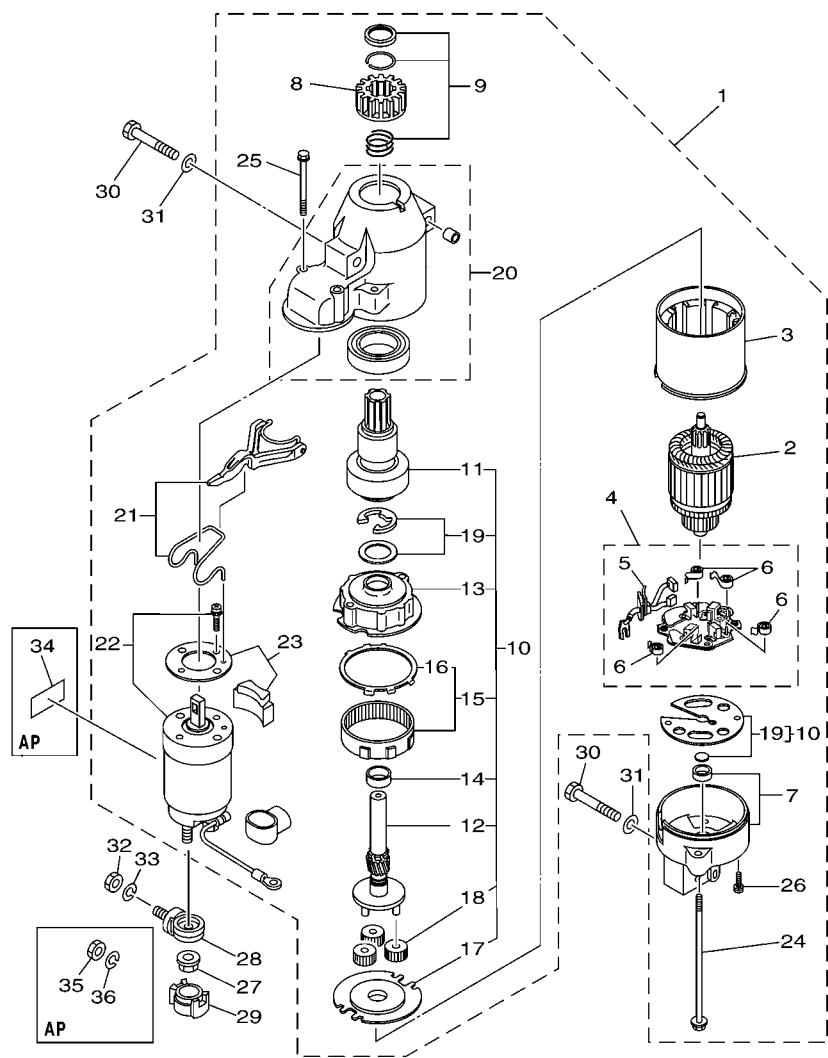
PARTIE ELECTRIQUE 3



REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/9	68M/9		REMARKS REMARQUES
1	67F-8132G-01	PLATE PLAQUE	1	1		
2	97095-06016	BOLT BOULON	2	2		
3	92995-06600	WASHER RONDELLE	2	2		
4	68V-81528-00	CLAMP 1 COLLIER 1	1	1		
5	97095-06016	BOLT BOULON	2	2		
6	92995-06600	WASHER RONDELLE	2	2		
7	90465-13M18	CLAMP BRIDE	1	1		
8	68V-82588-10	PLATE PLAQUE	1	1		
9	97095-06012	BOLT BOULON	1	1		
10	92995-06600	WASHER RONDELLE	1	1		
11	97095-06016	BOLT BOULON	1	1		
12	92995-06100	WASHER, SPRING RONDELLE, GROWER	1	1		
13	92995-06600	WASHER RONDELLE	1	1		
14	67F-85790-00	THERMOSENSOR ASSY SENSITOMETRE	1	1		
15	67F-85757-00	RETAINER ARRETOIR	1	1		
16	68V-85753-00	GASKET, SENDER UNIT JOINT, DE PERCEPTION	1	1		
17	97095-06016	BOLT BOULON	2	2		
18	92995-06600	WASHER RONDELLE	2	2		
19	90465-06M86	CLAMP BRIDE	1	1		
20	97095-06012	BOLT BOULON	1	1		
21	92995-06600	WASHER RONDELLE	1	1		
22	68V-82504-00	OIL PRESSURE SWITCH ASSY CONTACTEUR DE PRESSION D'HUILE	1	1		
23	68V-81315-00	LEAD WIRE ASSY FIL	1	1		
24	63D-82563-10	TRIM & TILT SWITCH ASSY INCLINER ET PARER COMMUTATEUR	1	1		
25	6E5-82587-00	GASKET JOINT	1	1		
26	67F-83614-00	BRACKET SUPPORT	1	1		
27	90109-06M86	BOLT BOULON	2	2		

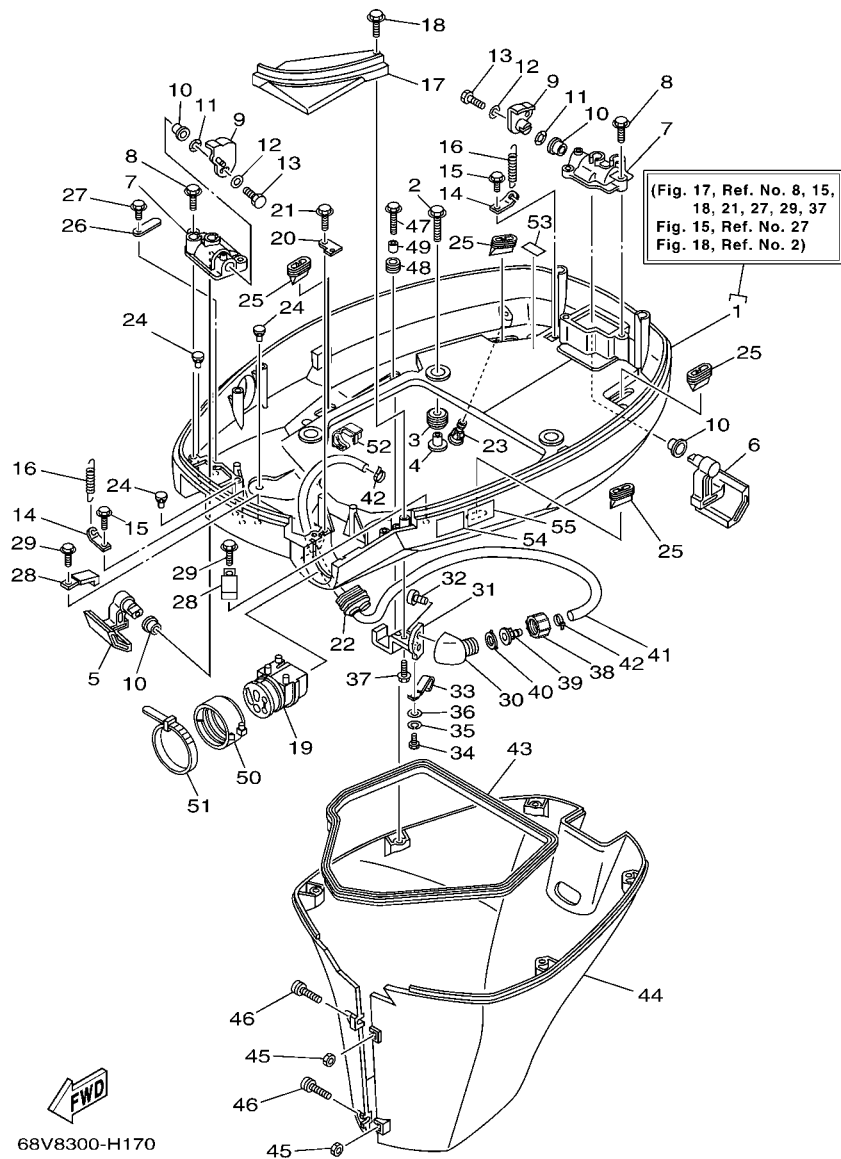
FIG. 16 STARTING MOTOR

DEMARREUR ELECTRIQUE



68V9300-J160

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V	68M		REMARKS REMARQUES
1	68V-81800-01	STARTING MOTOR ASSY DEMARREUR ELECTRIQUE COMPLET	1	1		
2	67F-81850-00	.ARMATURE ASSY .INDUIT	1	1		
3	67F-81810-00	.STATOR ASSY .STATOR COMPLET	1	1		
4	68F-81840-00	.BRUSH HOLDER ASSY .SUPPORT DE CHARBON	1	1		
5	67F-81801-00	..BRUSH SET ..CHARBON	1	1		
6	67F-81813-00	..SPRING, BRUSH ..RESSORT, DE CHARBON	4	4		
7	68F-81820-00	.REAR BRACKET ASSY .SUPPORT ARRIERE COMPLET	1	1		
8	67F-81808-00	.PINION ASSY .PIGNON	1	1		
9	67F-81857-00	.PINION STOPPER SET .BUTEE PIGNON	1	1		
10	67F-81807-00	.GEAR ASSY, STARTING MOTOR .PIGNON, DEMARREUR ELECTRIQUE	1	1		
11	67F-81832-00	..CLUTCH, OVER RUN ..EMBAYAGE, ROUE LIBRE	1	1		
12	67F-81836-00	..SHAFT, PINION ..AXE, PIGNON	1	1		
13	67F-81821-00	..BRACKET, CENTER 1 ..SUPPORT, CENTRE 1	1	1		
14	67F-81841-00	..BEARING ..ROULEMENT	1	1		
15	67F-81891-00	..GEAR, RING ..ROUE DENTEE	1	1		
16	67F-8183R-00	...GASKET ...JOINT	1	1		
17	67F-81830-00	..BRACKET, CENTER 2 ..SUPPORT, CENTRE 2	1	1		
18	60V-8183T-00	..GEAR, IDLER ..PIGNON, INTERMEDIAIRE	3	3		
19	67F-81809-00	..WASHER KIT ..JEU DE RONDELLES	1	1		
20	67F-81842-00	.COVER .COUVERCLE	1	1		
21	67F-81839-00	.LEVER ASSY .LEVIER COMPLET	1	1		
22	68V-81941-01	.STARTER RELAY ASSY .LANCEUR RELAIS (ENS.)	1	1		
23	67F-81869-00	.COVER, DUST .COUVERCLE, POUSSIERE	1	1		
24	6K7-81826-11	.BOLT .BOULON	2	2		
25	67F-81828-00	.BOLT 2 .RONDELLE, BUTEE 2	2	2		
26	67F-81846-00	.SCREW .VIS	2	2		
27	90179-08003	NUT ECROU	1	1		



68V8300-H170

FIG. 17 BOTTOM COWLING

CAPOT INFERIEUR

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/689		REMARKS REMARQUES
1	68V-42710-01-8D	BOTTOM COWLING ASSY ENS. EMBASE	1	1	
2	90119-08M22	BOLT, WITH WASHER BOULON, AVEC RONDELLE	4	4	
3	90480-22M15	GROMMET PASSE-FIL	4	4	
4	90387-08M37	COLLAR COLLERETTE	4	4	
5	67F-42815-00-8D	LEVER, CLAMP LEVIER, PRESSE	1	1	
6	67F-42816-00-8D	LEVER, CLAMP LEVIER, PRESSE	1	1	
7	67F-42828-00-8D	PLATE, CLAMP PLAQUE, PRESSE	2	2	
8	90109-06M82	BOLT BOULON	4	4	
9	68V-42818-01	LEVER, CLAMP LEVIER, PRESSE	2	2	
10	90386-15M73	BUSH DOUILLE	4	4	
11	90206-15M18	WASHER, WAVE RONDELLE, ONDULEE	2	2	
12	90201-06068	WASHER, PLATE RONDELLE, PLATE	2	2	
13	97095-06016	BOLT BOULON	2	2	
14	64D-43144-00	HOOK, SPRING CROCHET	2	2	
15	90109-06M80	BOLT BOULON	2	2	
16	90506-16M34	SPRING, TENSION RESSORT, TENSION	2	2	
17	68V-42738-00-8D	PLATE, FITTING ETRIER	1	1	
18	90109-06M82	BOLT BOULON	2	2	
19	68V-42725-00 68V-42725-10	GROMMET PASSE-FIL GROMMET PASSE-FIL	1 1	1 1	EXCEPT FOR RUS EXCEPT FOR RUS FOR RUS FOR RUS
20	67F-42756-00	STAY, CLAMP SUPPORT, COLLIER	1	1	
21	90109-06M86	BOLT BOULON	1	1	
22	6H1-42726-21	GROMMET PASSE-FIL	1	1	FLUSHING KIT FLUSHING KIT
23	6BL-44391-00	NIPPLE, HOSE RACCORD D'ESSENCE	1	1	
24	6H4-42748-00	GROMMET PASSE-FIL	3	3	
25	67F-42717-00	RUBBER, SEAL 2 JOINT EN CAOUTCHOUC 2	4	4	
26	6E5-82588-00	PLATE PLAQUE	1	1	

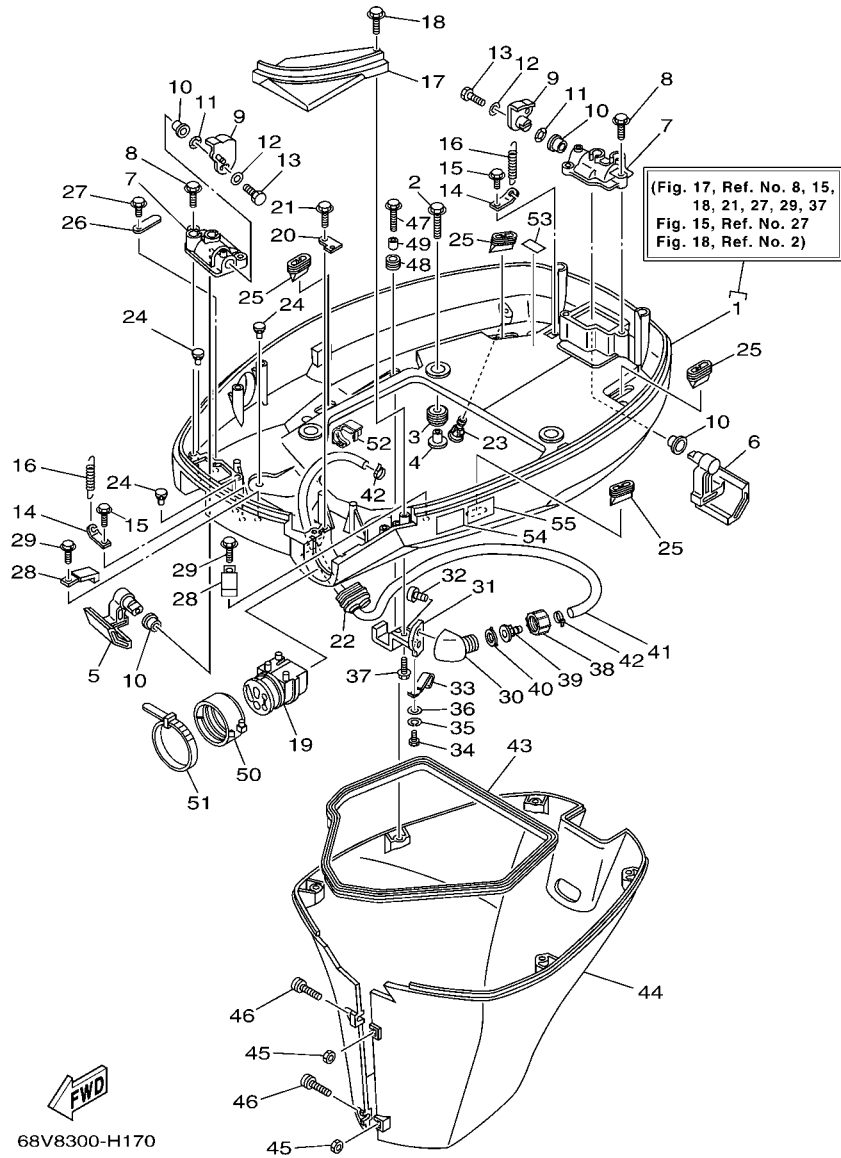
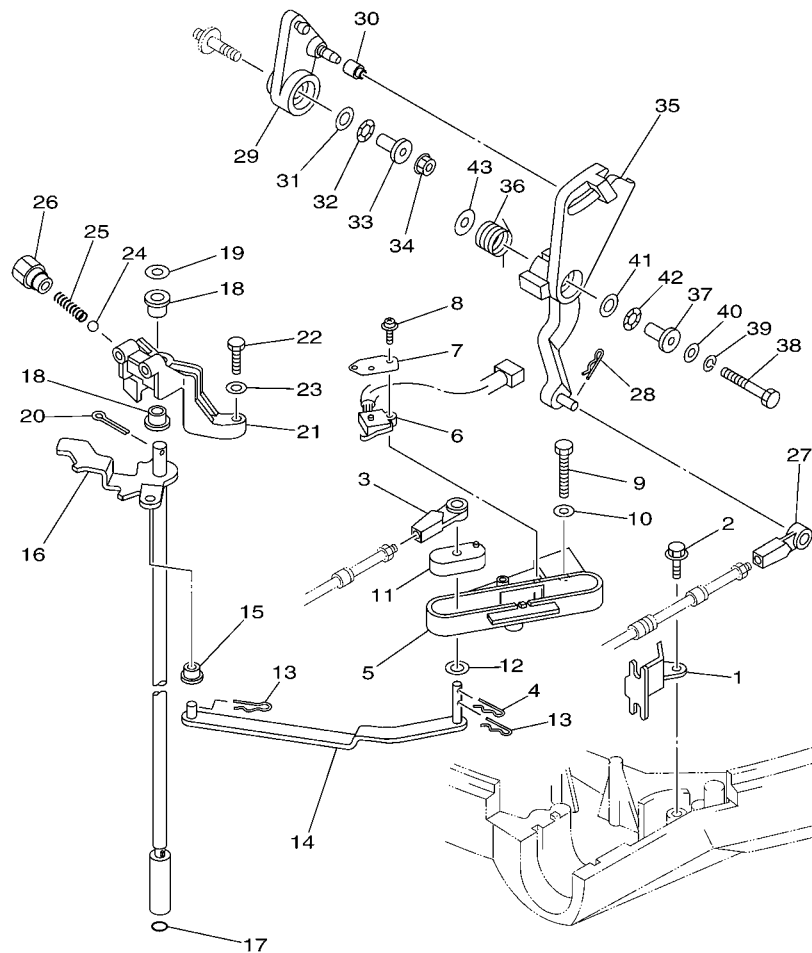


FIG. 17 BOTTOM COWLING

CAPOT INFERIEUR

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/68W	68W/68V	REMARKS REMARQUES
27	90109-06M81	BOLT BOULON	1	1	
28	90465-08M23	CLAMP BRIDE	2	2	
29	90109-06M80	BOLT BOULON	2	2	
30	68T-12572-00	ADAPTER ADAPTATEUR	1	1	FLUSHING KIT
31	67F-12535-01	PLATE PLAQUE	1	1	FLUSHING KIT
32	90167-06002	SCREW, TAPPING VIS, TETE FRAISEE	2	2	FLUSHING KIT
33	90462-06018	CLAMP BRIDE	1	1	FLUSHING KIT
34	97095-06008	BOLT BOULON	1	1	FLUSHING KIT
35	92995-06100	WASHER, SPRING RONDELLE, GROWER	1	1	FLUSHING KIT
36	92995-06200	WASHER RONDELLE	1	1	FLUSHING KIT
37	90109-06M86	BOLT BOULON	1	1	FLUSHING KIT
38	6R3-12581-00	JOINT, HOSE 1 JOINT DE TUYAU	1	1	FLUSHING KIT
39	6R3-12582-00	JOINT, HOSE 2 RACCORD DE TUYAU 1	1	1	FLUSHING KIT
40	6R3-12583-00	GASKET, HOSE JOINT JOINT	1	1	FLUSHING KIT
41	68V-24312-00	PIPE 2 DURITE 2	1	1	FLUSHING KIT
42	90465-11M10	CLAMP BRIDE	2	2	FLUSHING KIT
43	61A-42716-00	RUBBER, SEAL 1 JOINT EN CAOUTCHOUC 1	1	1	
44	67F-42741-01-8D	APRON CAPOT LATERAL	1	1	
45	95380-06600	NUT, HEXAGON ECROU	2	2	
46	90159-06M28	SCREW, WITH WASHER VIS, AVEC RONDELLE	2	2	
47	90109-06M80	BOLT BOULON	5	5	
48	90480-13M24	GROMMET PASSE-FIL	5	5	
49	90387-06M43	COLLAR COLLERETTE	5	5	
50	68F-42753-00	FASTNER ATTACHE	1	1	AP EXCEPT FOR RUS
51	90464-20258	CLAMP BRIDE	1	1	AP EXCEPT FOR RUS
52	90464-18004	CLAMP BRIDE	1	1	AP EXCEPT FOR RUS
53	68V-82377-00	LABEL ETIQUETTE	1	1	

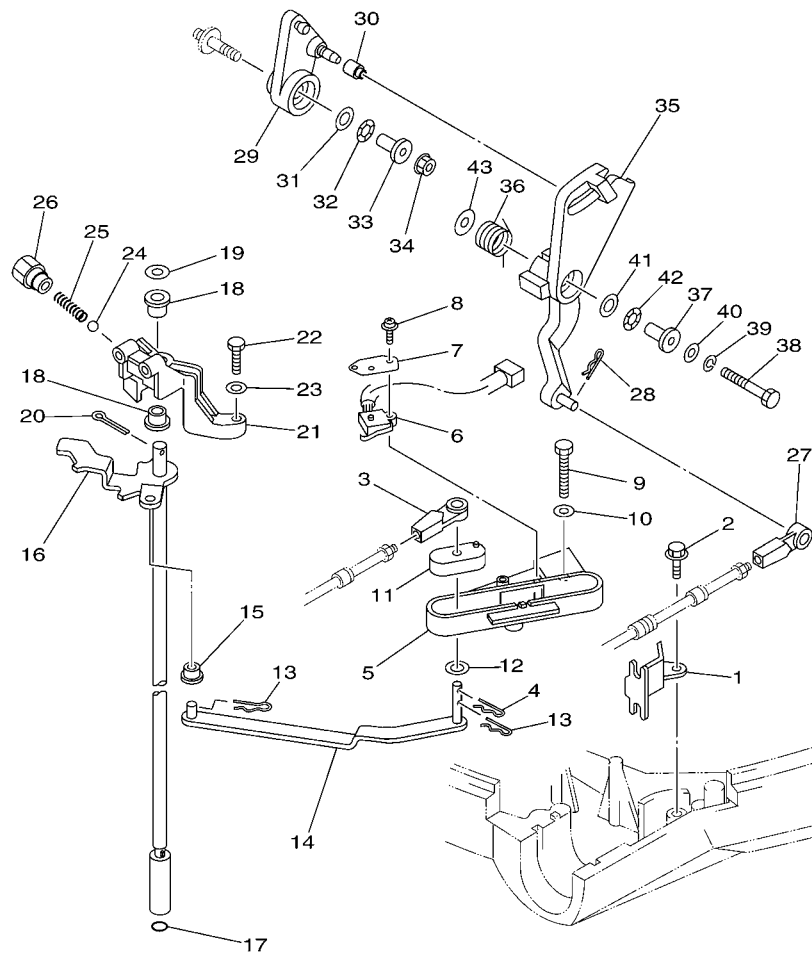


FWD
68V9110-J180

FIG. 18 CONTROL

COMMANDE

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V9	68M9		REMARKS REMARQUES
1	67F-48538-00	CLAMP, CABLE 1 COLLIER	1	1		
2	90109-06M86	BOLT BOULON	1	1		
3	663-48344-00	CABLE END, REMOTE CONTROL CHAPE CABLE	1	1		
4	90468-18008	CLIP JONC	1	1		
5	68V-44117-01	BRACKET SUPPORT	1	1		
6	60V-8259F-00	SWITCH ASSY COMMUTEUR	1	1		
7	61A-82588-01	PLATE PLAQUE	1	1		
8	97985-04116	SCREW, WITH WASHER VIS, AVEC RONDELLE	2	2		
9	97095-06040	BOLT BOULON	2	2		
10	92995-06600	WASHER RONDELLE	2	2		
11	68V-44122-01	BUSHING, SHIFT ROD LEVER DOUILLE, LEVIER D'EMBRAYAGE	1	1		
12	90202-07M07	WASHER, PLATE RONDELLE, PLATE	1	1		
13	90468-18008	CLIP JONC	2	2		
14	68V-44121-00	LEVER, SHIFT ROD LEVIER, TIGE D'INVERSION	1	1		
15	90386-06M12	BUSH DOUILLE	1	1		
16	68V-44120-10	HANDLE GEAR SHIFT ASSY LEVIER D'EMBRAYAGE	1			L(20.3")
	68V-44120-30	HANDLE GEAR SHIFT ASSY LEVIER D'EMBRAYAGE	1	1		L(20.3") X(25.3") X(25.3")
17	93210-09165	O-RING JOINT TORIQUE	1	1		
18	90386-90M90	BUSH DOUILLE	2	2		
19	90201-09M02	WASHER, PLATE RONDELLE, PLATE	1	1		
20	91490-20015	PIN, COTTER GOUPILLE	1	1		
21	68V-44118-00	BRACKET SUPPORT	1	1		
22	97075-06025	BOLT BOULON	2	2		
23	92995-06600	WASHER RONDELLE	2	2		
24	93501-04M02	BALL BILLE	1	1		
25	90501-12082	SPRING, COMPRESSION RESSORT, COMPRESSION	1	1		
26	648-42715-00	BUSHING COUSSINET	1	1		



FWD
68V9110-J180

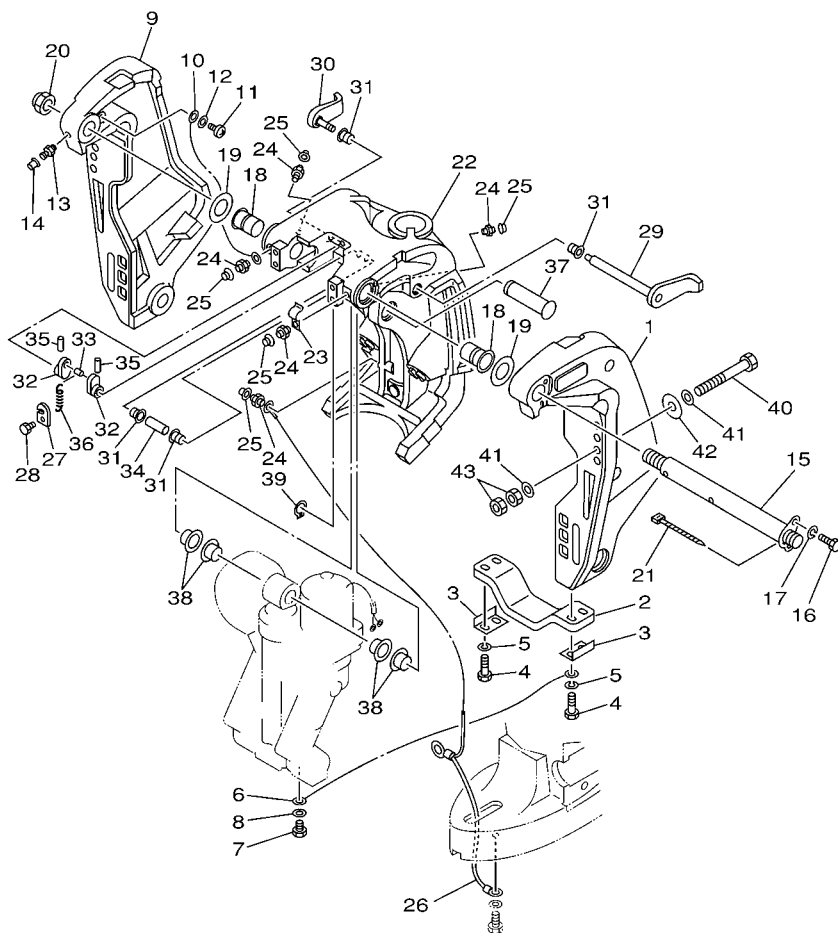
FIG. 18 CONTROL

COMMANDE

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V9	68V89	REMARKS REMARQUES
27	663-48344-00	CABLE END, REMOTE CONTROL CHAPE CABLE	1	1	
28	90468-18008	CLIP JONC	1	1	
29	68V-42157-00	LEVER, THROTTLE LEVIER DE AVANCE	1	1	
30	68V-42171-00	BUSHING COUSSINET	1	1	
31	90201-10M02	WASHER, PLATE RONDELLE, PLATE	1	1	
32	90206-10M04	WASHER, WAVE RONDELLE, ONDULEE	1	1	
33	90387-06M21	COLLAR COLLERETTE	1	1	
34	90179-06M28	NUT ECROU	1	1	
35	68V-42154-00	LEVER, THROTTLE CONTROL LEVIER DE COMMANDE D'AVANCE	1	1	
36	67F-44135-00	SPRING RESSORT	1	1	
37	90387-06M21	COLLAR COLLERETTE	1	1	
38	97095-06035	BOLT BOULON	1	1	
39	92995-06100	WASHER, SPRING RONDELLE, GROWER	1	1	
40	92995-06600	WASHER RONDELLE	1	1	
41	90201-10M02	WASHER, PLATE RONDELLE, PLATE	1	1	
42	90206-10M04	WASHER, WAVE RONDELLE, ONDULEE	1	1	
43	90201-06M31	WASHER, PLATE RONDELLE, PLATE	1	1	

FIG. 19 BRACKET 1

SUPPORT 1

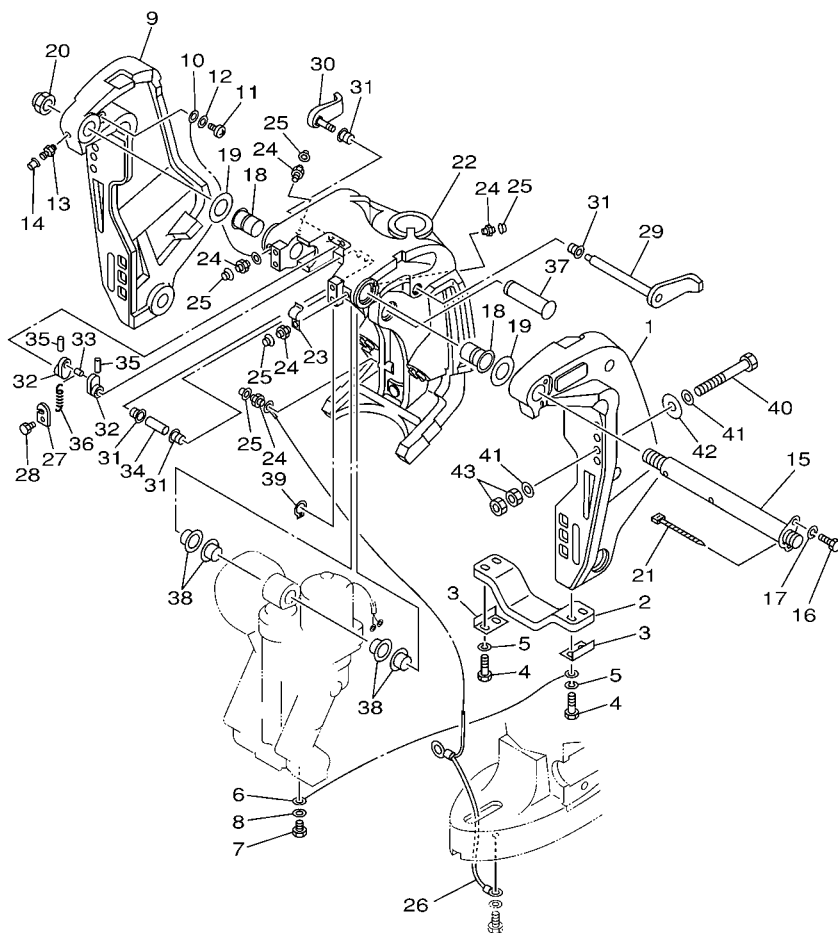



68V0010-0210

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V	68M9		REMARKS REMARQUES
1	68V-43111-01-8D	BRACKET, CLAMP 1 PRESSE 1	1	1		
2	6G5-45251-02	ANODE ANODE	1	1		
3	6G5-44526-00	PLATE PLAQUE	2	2		
4	97095-06030	BOLT BOULON	4	4		
5	92995-06100	WASHER, SPRING RONDELLE, GROWER	4	4		
6	6E5-82148-00	WIRE, LEAD 4 FIL 4	1	1		
7	97095-06010	BOLT BOULON	1	1		
8	92995-06600	WASHER RONDELLE	1	1		
9	68V-43112-01-8D	BRACKET, CLAMP 2 PRESSE 2	1	1		
10	6E5-82148-00	WIRE, LEAD 4 FIL 4	1	1		
11	97885-06012	SCREW, PAN HEAD VIS, A ENCOCHE	1	1		
12	92995-06600	WASHER RONDELLE	1	1		
13	93700-06M03	NIPPLE, GREASE PION	1	1		
14	663-45119-00	CAP, GREASE NIPPLE CAPUCHON, GRAISSEUR	1	1		AP AP
15	64E-43131-01	BOLT, CLAMP BRACKET BOULON, PRESSE	1	1		
16	97095-08020	BOLT BOULON	1	1		
17	92995-08100	WASHER RONDELLE	1	1		
18	90386-25M31	BUSH DOUILLE	2	2		
19	90201-26M59	WASHER, PLATE RONDELLE, PLATE	2	2		
20	90185-22M11	NUT, SELF-LOCKING ECROU, AUTO-BLOQUANT	1	1		
21	90465-11M10	CLAMP BRIDE	1	1		
22	64E-43311-10-8D	BRACKET, SWIVEL 1 SUPPORT, PIVOT 1	1	1		L(20.3") L(20.3")
	64E-43311-20-8D	BRACKET, SWIVEL 1 SUPPORT, PIVOT 1	1	1		X(25.3") X(25.3")
23	90465-08M63	CLAMP BRIDE	1	1		
24	93700-06M03	NIPPLE, GREASE PION	5	5		
25	663-45119-00	CAP, GREASE NIPPLE CAPUCHON, GRAISSEUR	5	5		AP AP
26	66K-82149-00	WIRE, LEAD 3 FIL 3	1	1		L(20.3") L(20.3")

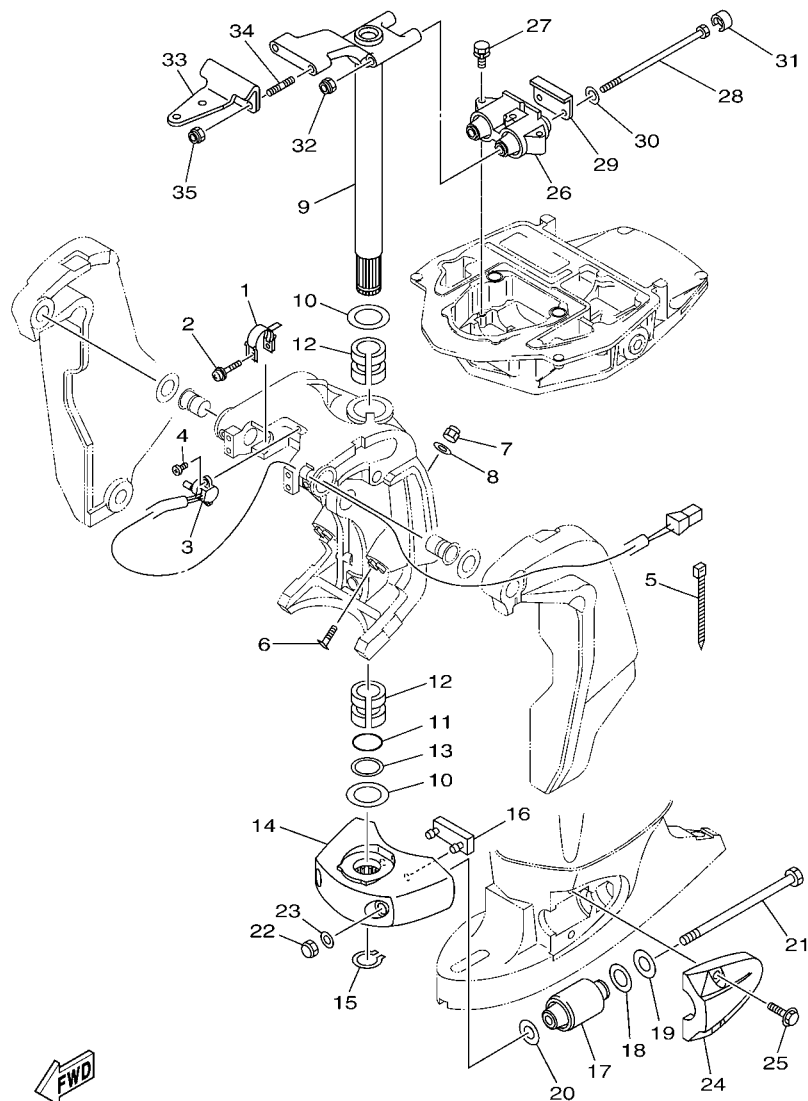
FIG. 19 BRACKET 1

SUPPORT 1



68V0010-0210

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/68	68/89		REMARKS REMARQUES
26	68V-82149-30	WIRE, LEAD 3 FIL 3	1	1		X(25.3") X(25.3")
27	66T-43144-00	HOOK, SPRING CROCHET	1	1		
28	97095-06010	BOLT BOULON	1	1		
29	6G5-43181-02	LEVER, TILT STOP LEVIER, VERROUILLAGE RELEVAGE	1	1		
30	6G5-43185-02	LEVER, TILT STOP LEVIER, VERROUILLAGE RELEVAGE	1	1		
31	90386-10M16	BUSH DOUILLE	4	4		
32	6G5-43148-00	COLLAR, DISTANCE ENTRETOISE	2	2		
33	90249-06M19	PIN GOUILLE	1	1		
34	90387-10M05	COLLAR COLLERETTE	1	1		
35	91690-30020	PIN, SPRING AGRAFFE	2	2		
36	90506-14M24	SPRING, TENSION RESSORT, TENSION	1	1		
37	64E-43126-00	PIN, UPPER SHOCK MOUNT AXE, SUPERIEUR AMORTISSEUR	1	1		
38	90386-22M98	BUSH DOUILLE	4	4		
39	93410-22M11	CIRCLIP CLIPS	1	1		
40	90101-12M05	BOLT (L:130MM) BOULON (L:130MM)	4	4		EXCEPT FOR RUS EXCEPT FOR RUS
	90101-12M03	BOLT (L:115MM) BOULON (L:115MM)	4			FOR RUS FOR RUS
	90101-12M77	BOLT (L:150MM) BOULON (L:150MM)	2	2		AP AP
41	90201-13M01	WASHER, PLATE RONDELLE, PLATE	8	8		
42	90201-12M05	WASHER, PLATE RONDELLE, PLATE	4	4		
43	95380-12600	NUT ECROU	8	8		



68V9110-J200

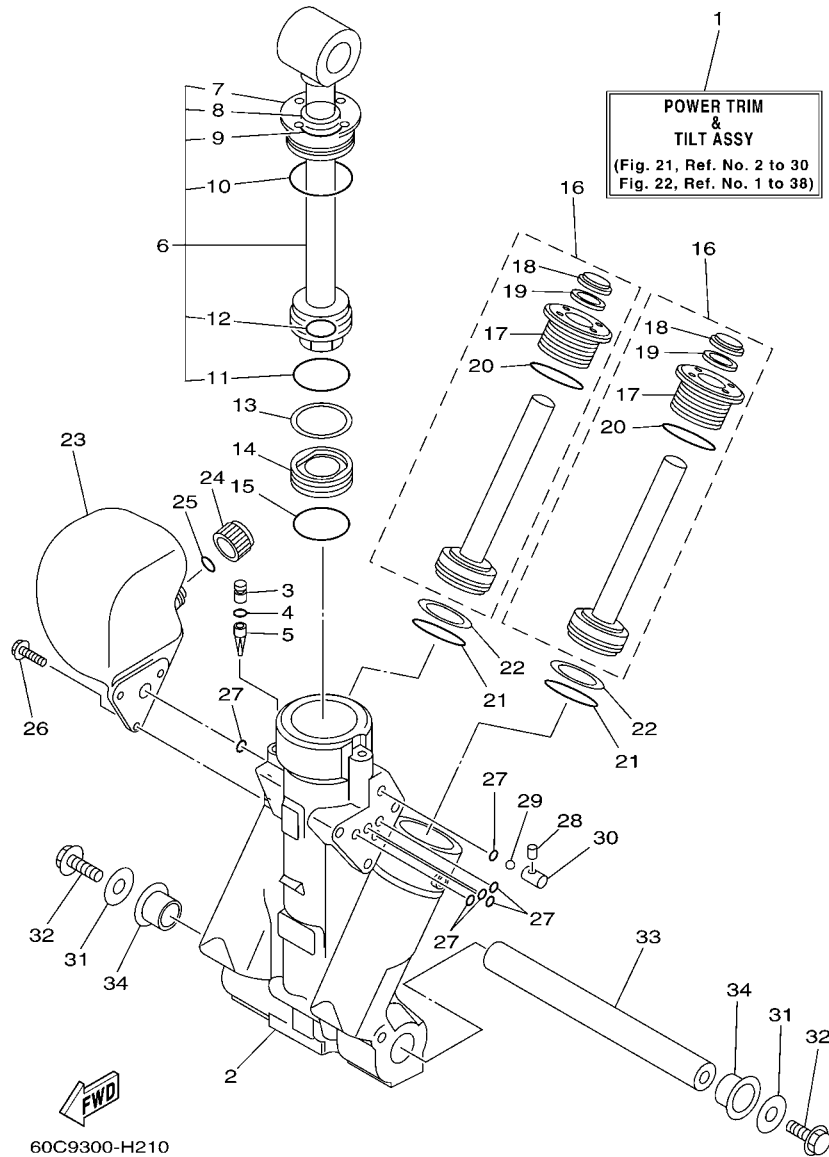
FIG. 20 BRACKET 2

SUPPORT 2

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/9	68M/9	REMARKS REMARQUES
1	64E-43139-10	CAM, TRIM SENDER VILEBREQUIN TRUM	1	1	
2	90159-05059	SCREW, WITH WASHER VIS, AVEC RONDELLE	1	1	
3	67H-83672-01	TRIM SENDER INCLINER RACCORD	1	1	
4	97885-06016	SCREW, PAN HEAD VIS, A ENCOCHE	2	2	
5	90465-11M10	CLAMP BRIDE	3	3	
6	63P-43376-00	BOLT, THRUST RECEIVER BOULON	2	2	
7	95780-10300	NUT, FLANGE ECROU	2	2	
8	92995-10600	WASHER RONDELLE	2	2	
9	68V-42510-10-8D	STEERING BRACKET ASSY DIRECTION SUPPORT (ENS.)	1		L(20.3")
	68V-42510-30-8D	STEERING BRACKET ASSY DIRECTION SUPPORT (ENS.)	1	1	L(20.3") X(25.3") X(25.3")
10	90201-38M60	WASHER, PLATE RONDELLE, PLATE	2	2	
11	93210-37MH7	O-RING JOINT TORIQUE	1	1	
12	90386-38M32	BUSH DOUILLE	2	2	
13	90202-40M47	WASHER, PLATE RONDELLE, PLATE	1	1	
14	68V-44551-00-8D	HOUSING, LOWER MOUNT RUBBER BOITIER, SILENT-BLOC INFERIEUR	1	1	
15	93410-37M04	CIRCLIP CLIPS	1	1	
16	61A-44575-00	DAMPER, LOWER MOUNT RUBBER SILENT-BLOC, INFERIEUR	1	1	
17	61A-44555-01-94	MOUNT DAMPER, LOWER SIDE SILENT-BLOC, INFERIEUR LATERAL	2	2	
18	90202-32M19	WASHER, PLATE RONDELLE, PLATE	2	2	
19	90201-16M55	WASHER, PLATE RONDELLE, PLATE	2	2	
20	90201-15M58	WASHER, PLATE RONDELLE, PLATE	2	2	
21	90109-14007	BOLT BOULON	2	2	
22	95380-14600	NUT ECROU	2	2	
23	92995-14600	WASHER RONDELLE	2	2	
24	68V-44553-00-8D	COVER, LOWER MOUNT COUVERCLE, SUSPENSION INFERIEUR	2	2	
25	90119-10049	BOLT, WITH WASHER BOULON, AVEC RONDELLE	4	4	
26	67F-44514-01-94	MOUNT DAMPER, UPPER SIDE SILENT-BLOC, SUPERIEUR LATERAL	1	1	

FIG. 21 POWER TRIM & TILT ASSY 1

PUISSANCE PARER ET INCLINER 1



60C9300-H210

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V	68W		REMARKS REMARQUES
1	68V-43800-04	POWER TRIM & TILT ASSY PUISSANCE PARER ET INCLINER (E	1	1		
2	64E-43825-03	HOUSING, TRIM & TILT CARTER	1	1		
3	6AW-4388J-00	PLUG 2 BOUCHON 2	1	1		
4	93210-10M74	O-RING JOINT TORIQUE	1	1		
5	64E-43817-00	FILTER 2 FILTRE 2	1	1		
6	64E-43810-02	TILT PISTON SUB ASSY INCLINER PISTON AUXILIAIRE(ENS	1	1		
7	64E-43811-02	.SCREW, CYLINDER END .VIS, CYLINDRE RACCORD	1	1		
8	64E-43898-00	.SEAL ,DUST 2 .JOINT ANTI-PUSSIERE	1	1		
9	64E-43867-00	.O-RING .JOINT TORIQUE	1	1		
10	64E-43866-00	.O-RING .JOINT TORIQUE	1	1		
11	6E5-43862-00	.O-RING .JOINT TORIQUE	1	1		
12	64E-43883-00	.O-RING .JOINT TORIQUE	1	1		
13	6E5-43872-00	RING, BACK UP RESSORT	1	1		
14	6E5-43814-02	PISTON, FREE PISTON	1	1		
15	6E5-43862-00	O-RING JOINT TORIQUE	1	1		
16	64E-43820-02	TRIM PISTON SUB ASSY PARER PISTON AUXILIAIRE (ENS.)	2	2		
17	64E-43821-02	.SCREW, TRIM CYLINDER END .VIS	1	1		
18	64E-43822-00	.SEAL, TRIM DUST JOINT	1	1		
19	64E-4384J-00	.SEAL, TRIM DOWN JOINT	1	1		
20	6G5-43864-00	.O-RING .JOINT TORIQUE	1	1		
21	6E5-43864-00	O-RING JOINT TORIQUE	2	2		
22	6E5-43874-01	RING, BACK UP RESSORT	2	2		
23	64E-43828-01	BODY, RESERVOIR CORPS	1	1		
24	64E-43829-01	PLUG, RESERVOIR BOUCHON	1	1		
25	64E-43897-00	O-RING JOINT TORIQUE	1	1		
26	64E-4388E-01	BOLT ,SCREW (L:14MM) VIS (L:14MM)	3	3		
27	64E-43869-00	O-RING JOINT TORIQUE	6	6		

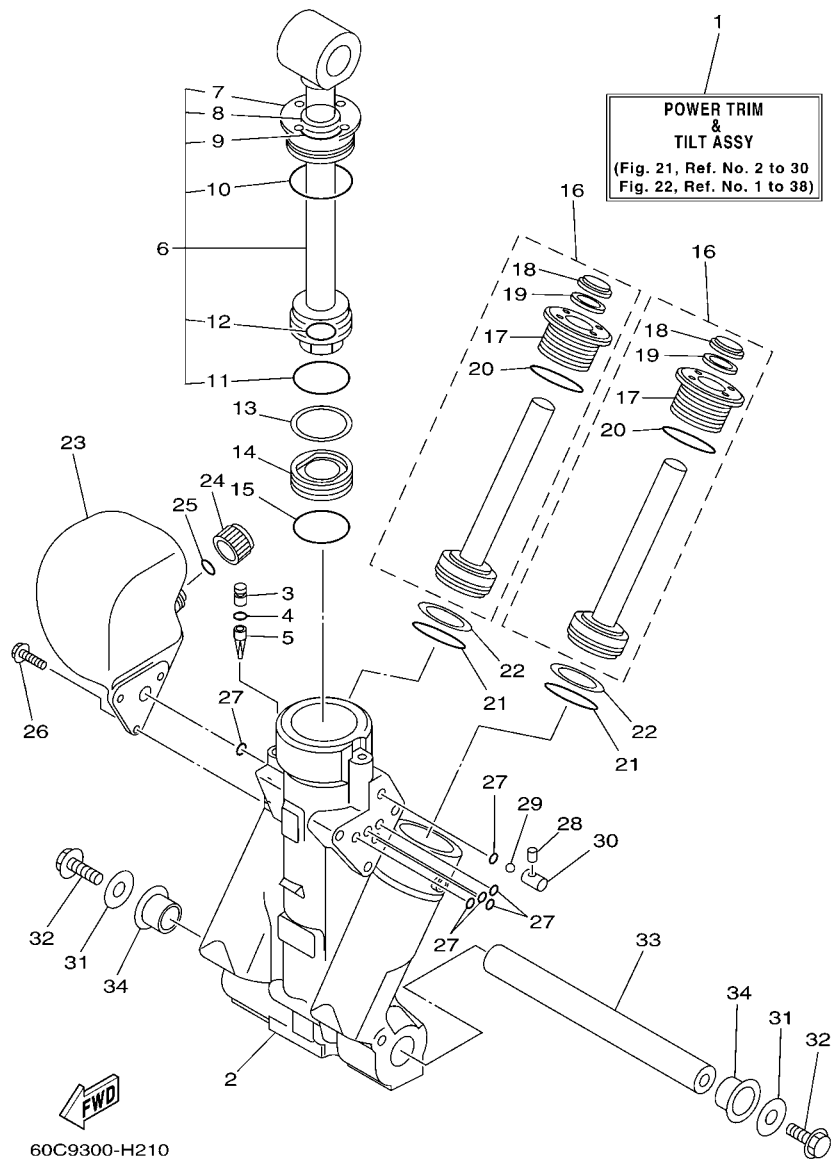


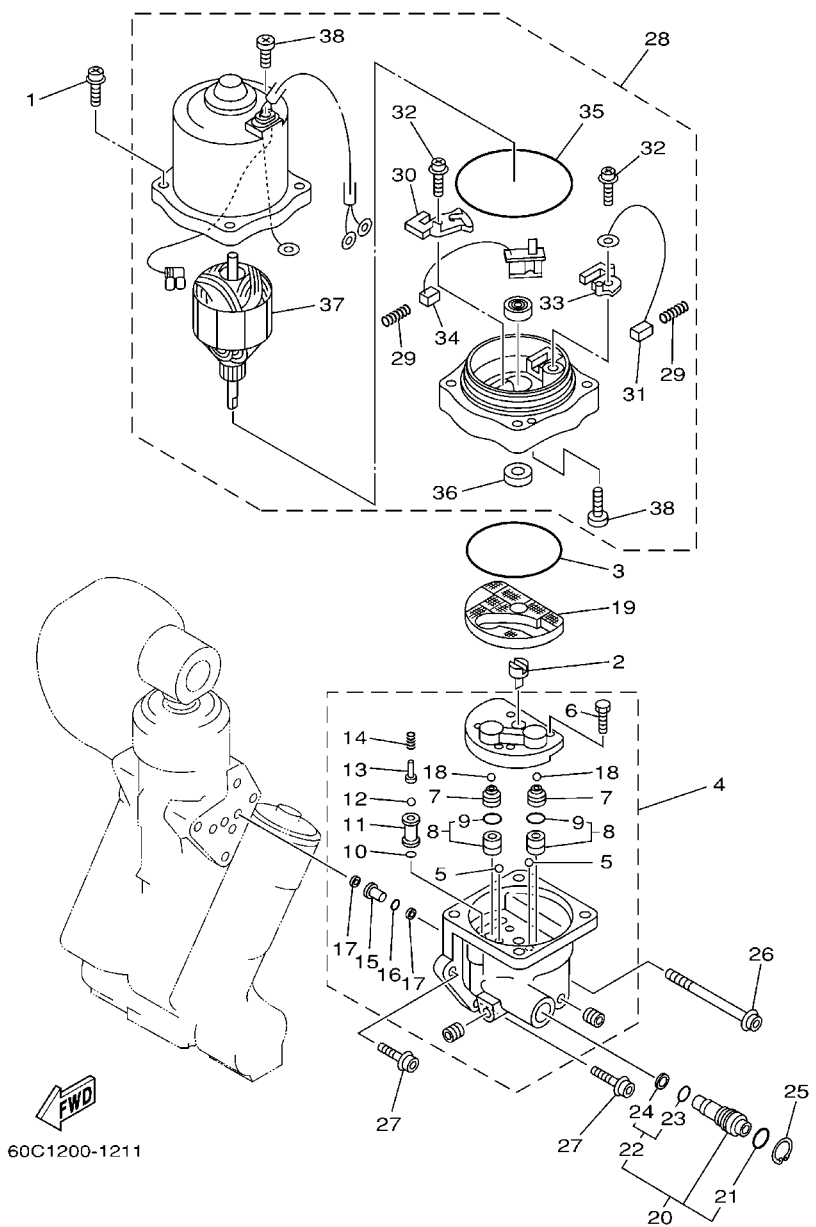
FIG. 21 POWER TRIM & TILT ASSY 1

PUISSANCE PARER ET INCLINER 1

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V6	68V9		REMARKS REMARQUES
28	64E-4381G-00	PIN COUPILL	1	1		
29	6E5-43858-00	BALL BILLE	1	1		
30	64E-4382G-00	VALVE, SEAT JEU DE POINTEAUX	1	1		
31	90201-10060	WASHER, PLATE RONDELLE, PLATE	2	2		
32	97575-10530	BOLT, WITH WASHER VIS HEXAGONAL AVEC RONDELLE	2	2		
33	6BC-43818-00	PIN, LOWER SHOCK MOUNT AXE, INFERIEUR AMORTISSEUR	1	1		
34	90386-22M98	BUSH DOUILLE	2	2		

FIG. 22 POWER TRIM & TILT ASSY 2

PUISSANCE PARER ET INCLINER 2

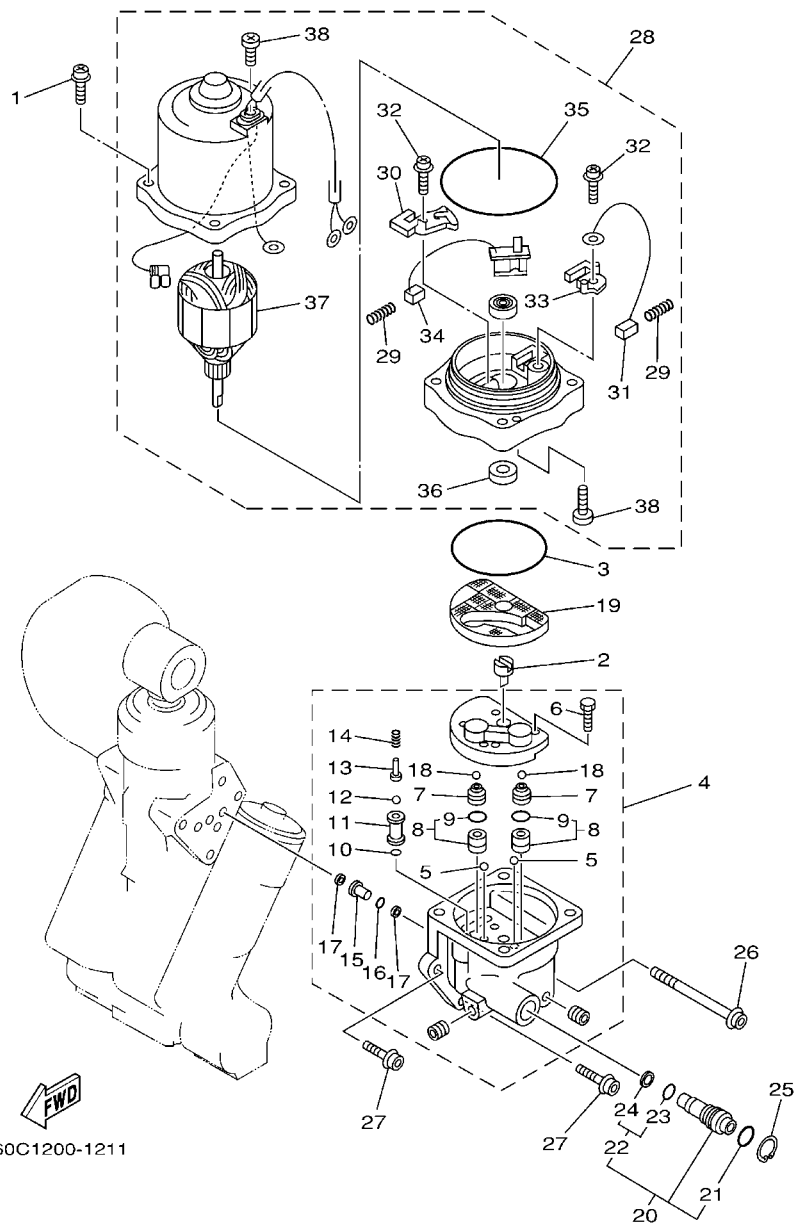


60C1200-1211

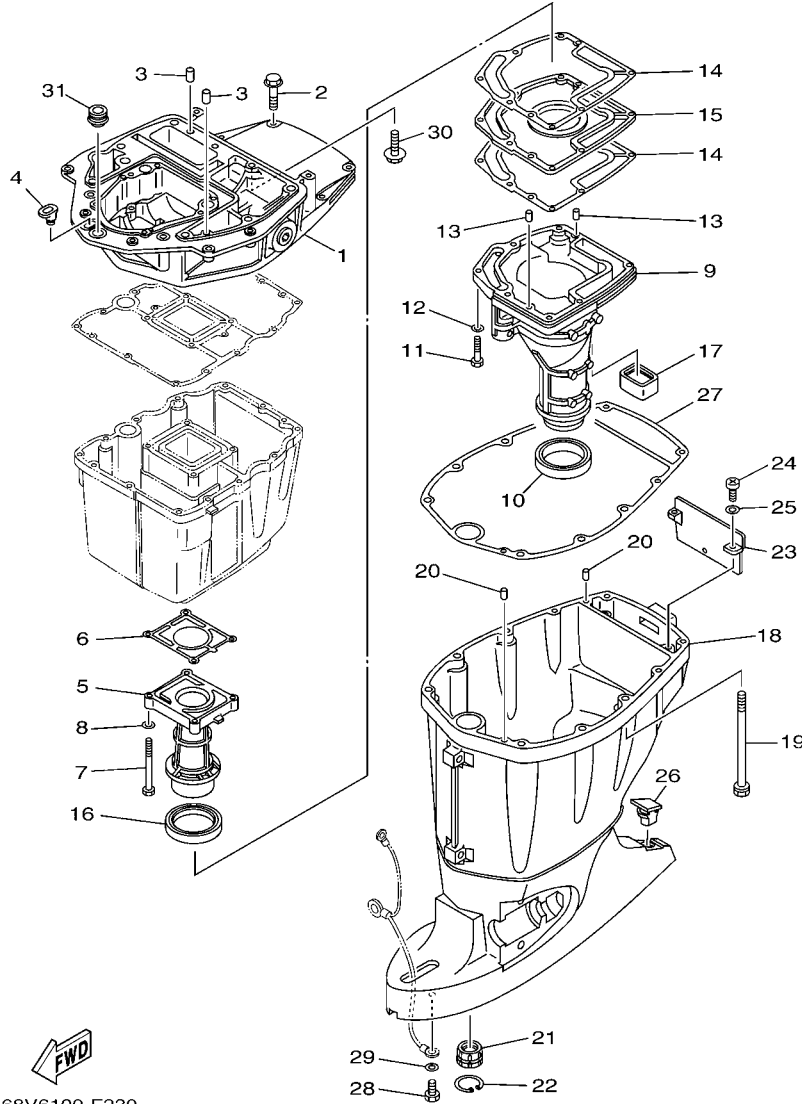
REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V	68W	REMARKS REMARQUES
1	64E-4388E-11	BOLT ,SCREW (L:34.7MM) VIS (L:34.7MM)	4	4	
2	64E-43831-00	CONNECTOR, SHAFT RACCORD	1	1	
3	64E-43868-00	O-RING JOINT TORIQUE	1	1	
4	68V-43830-01	GEAR PUMP ASSY POMPE A PIGNON (ENS.)	1	1	
5	72X-43858-00	.BALL .BILLE	2	2	
6	64E-43843-00	.SCREW, VALVE LOCK .VIS	4	4	
7	64E-43841-00	.PISTON, SHUTTLE .PISTON	2	2	
8	64E-43802-00	.VALVE SUB ASSY .CLAPET AUXILIAIRE (ENS.)	2	2	
9	6E5-43896-00	..O-RING ..JOINT TORIQUE	1	1	
10	6G5-43863-00	.O-RING .JOINT TORIQUE	1	1	
11	66Y-43851-00	.SEAT, RELIEF VALVE .SIEGE	1	1	
12	64E-43858-00	.BALL .BILLE	1	1	
13	64E-43859-00	.PIN, VALVE SUPPORT .GOUPILLE	1	1	
14	68V-43855-00	.SPRING, UP RELIEF .RESSORT	1	1	
15	64E-43850-00	.VALVE SUB ASSY .CLAPET AUXILIAIRE (ENS.)	1	1	
16	64E-43865-00	.O-RING .JOINT TORIQUE	1	1	
17	64E-43816-00	.FILTER 1 .FILTRE 1	2	2	
18	64E-43858-00	.BALL .BILLE	2	2	
19	64E-43817-11	FILTER 2 FILTRE 2	1	1	
20	64E-43860-01	MANUAL VALVE SUB-ASSY SOUPAPE, MANUEL (ENS.)	1	1	
21	72X-85075-L0	.O-RING .JOINT TORIQUE	1	1	
22	64E-43827-00	.RING SET .BILLE	1	1	
23	64E-4387A-00	..O-RING ..JOINT TORIQUE	1	1	
24	64E-43873-00	..RING, BACK UP ..RESSORT	1	1	
25	6AW-43875-00	RING, SNAP RESSORT	1	1	
26	64E-43879-11	SCREW, WITH WASHER VIS, AVEC RONDELLE	1	1	
27	64E-43879-01	SCREW, WITH WASHER VIS, AVEC RONDELLE	2	2	

FIG. 22 POWER TRIM & TILT ASSY 2

PUISSANCE PARER ET INCLINER 2



REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V	68/89		REMARKS REMARQUES
28	68V-43880-03	MOTOR ASSY MOTEUR (ENS.)	1	1		
29	6H1-4386K-10	.SPRING, BRUSH .RESSORT, BALAI	2	2		
30	64E-4380J-00	.HOLDER, BRUSH .PORTE-BALAI	1	1		
31	64E-43891-00	.BRUSH 1 .BALAI 1	1	1		
32	97607-04310	.SCREW, WITH WASHER .VIS HEXAGONAL	2	2		
33	64E-4380F-00	.HOLDER, BRUSH 2 .PORTE-BALAI 2	1	1		
34	64E-43892-00	.BRUSH 2 .BALAI 2	1	1		
35	6G5-43865-00	.O-RING .JOINT TORIQUE	1	1		
36	93102-08M43	.OIL SEAL .JOINT SPY	1	1		
37	64E-43805-00	.ARMATURE ASSY .INDUIT (ENS.)	1	1		
38	64E-43843-10	.SCREW, VALVE LOCK .VIS	3	3		

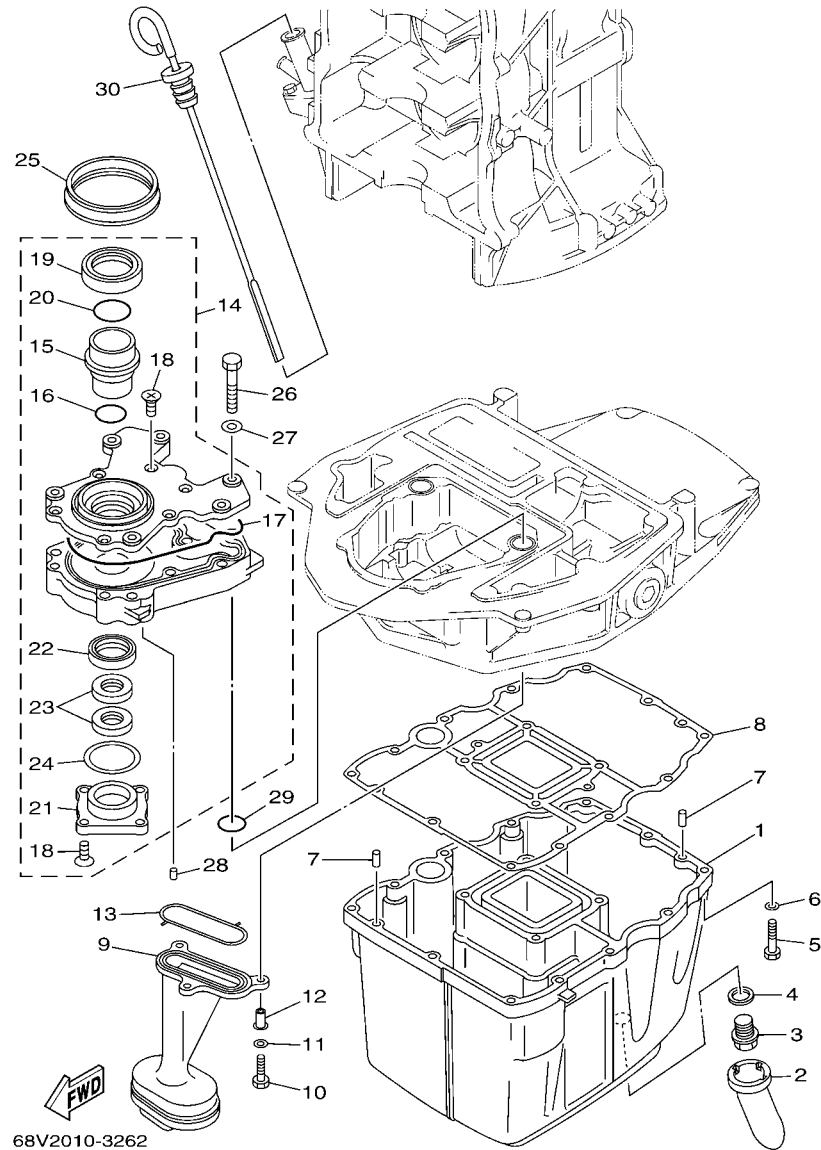


68V6100-F230

FIG. 23 UPPER CASING

FOURREAU

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V6	68V9	REMARKS REMARQUES
1	67F-41137-02-CA	GUIDE, EXHAUST COLLECTEUR D'ECHAPPEMENT	1	1	
2	97575-08540	BOLT, WITH WASHER VIS HEXAGONAL AVC RONDELLE	4	4	
3	93608-16M16	PIN, DOWEL AXE	2	2	
4	6G1-42727-00	GROMMET PASSE-FIL	1	1	
5	67F-41131-01-CA	MANIFOLD, EXT. 1 PIPE D'ECHAPPEMENT	1	1	
6	67F-41133-A1	GASKET, EXHAUST MANIFOLD 1 JOINT, PIPE D'ECHAPPEMENT	1	1	
7	97075-06070	BOLT BOULON	4	4	
8	92995-06600	WASHER RONDELLE	4	4	
9	68V-14711-10-CA 68V-14711-30-CA	MUFFLER 1 POT D'ECHAPPEMENT 1 MUFFLER 1 POT D'ECHAPPEMENT 1	1 1	1 1	L(20.3") L(20.3") X(25.3") X(25.3")
10	68V-45123-00	GASKET, MUFFLER JOINT, POT DE DETENTE	1	1	
11	97075-06030	BOLT BOULON	7	7	
12	92995-06600	WASHER RONDELLE	7	7	
13	93606-19M23	PIN, DOWEL GOUPILLE	2	2	
14	67F-41134-A0	GASKET, EXHAUST MANIFOLD JOINT, PIPE D'ECHAPPEMENT	2	2	
15	67F-45181-00-CA	PLATE PLAQUETTE	1	1	
16	67F-41138-00	SEAL, EXT. 1 JOINT DE GROUPE 1	1	1	
17	67F-45127-00	SEAL JOINT	1	1	
18	68V-45111-11-8D 68V-45111-31-8D	CASING, UPPER FOURREAU CASING, UPPER FOURREAU	1 1	1 1	L(20.3") L(20.3") X(25.3") X(25.3")
19	90119-10M08	BOLT, WITH WASHER BOULON, AVEC RONDELLE	6	6	
20	93608-16M16	PIN, DOWEL AXE	2	2	
21	6E5-45318-00	BUSHING, DRIVE SHAFT DOUILLE, ARBRE MOTEUR	1	1	
22	93420-36M01	CIRCLIP CIRCLIP, TYPE S	1	1	
23	67F-45151-00	COVER, UPPER CASING CAPUCHON, FOURREAU	1	1	
24	97880-06016	SCREW, PAN HEAD VIS, TETE TRONCONIQUE	2	2	
25	92990-06600	WASHER, PLATE RONDELLE, PLATE	2	2	



68V2010-3262

FIG. 24 OIL PAN

VENTILATEUR D'HUILE

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/68W	68W/68W		REMARKS REMARQUES
1	68V-15311-00-CA	OIL PAN VENTILATEUR D'HUILE	1	1		
2	63P-15316-00	DAMPER 1 AMORTISSEUR 1	1	1		
3	90340-14M06	PLUG, STRAIGHT SCREW PLOT, FILETE DROIT	1	1		
4	90430-14M09	GASKET JOINT	1	1		
5	97075-06025	BOLT BOULON	12	12		
6	92995-06600	WASHER RONDELLE	12	12		
7	93606-12019	PIN, DOWEL GOUILLE	2	2		
8	68V-15312-00	GASKET, OIL PAN JOINT DE VENTILATEUR D'HUILE	1	1		
9	67F-13411-00	STRAINER, OIL FILTRE, HUILE	1	1		
10	97027-06025	BOLT, HEXAGON BOULON	3	3		
11	92907-06600	WASHER, PLATE RONDELLE	3	3		
12	90387-06M64	COLLAR COLLERETTE	3	3		
13	67F-13415-00	SEAL, OIL STRAINER JOINT, FILTRE A HUILE	1	1		
14	67F-13300-10	OIL PUMP ASSY POMPE A HUILE COMPLETE	1	1		
15	67F-13314-02	.SHAFT, PUMP .AXE DE POMPE	1	1		
16	67F-13473-01	.O-RING .JOINT TORIQUE	1	1		
17	67F-13329-00	.GASKET, PUMP COVER JOINT, COUVERCLE DE POMPE	1	1		
18	67F-13495-00	.SCREW .VIS	10	10		
19	67F-13119-01	.OIL SEAL JOINT SPY	1	1		
20	67F-13769-00	.O-RING JOINT TORIQUE	1	1		
21	67F-13914-00	.HOUSING, PUMP .CORPS, POMPE	1	1		
22	67F-13631-03	.OIL SEAL JOINT SPY	1	1		
23	67F-13149-00	.OIL SEAL JOINT SPY	2	2		
24	67F-13339-00	.GASKET, PUMP COVER .BAINT, COUVERCLE DE POME	1	1		
25	67F-13338-00	SEAL JOINT	1	1		
26	97095-06045	BOLT BOULON	6	6		
27	92995-06600	WASHER RONDELLE	6	6		

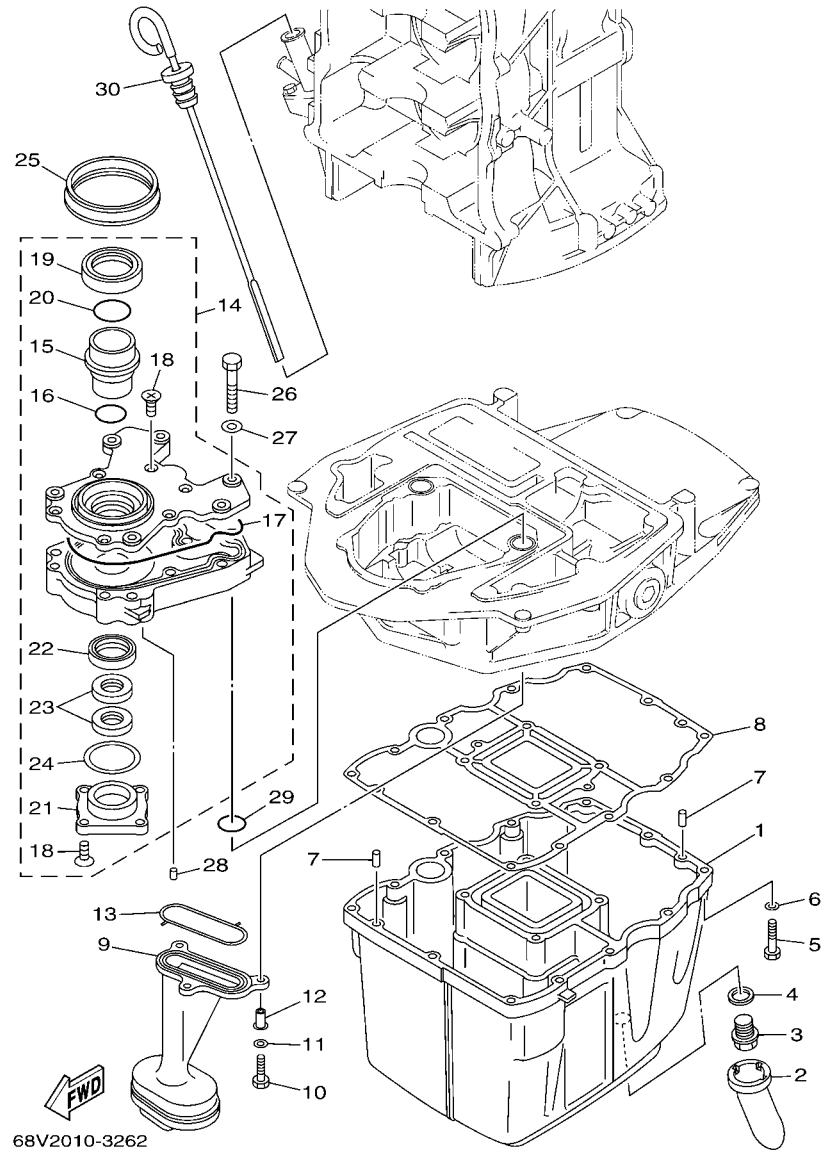
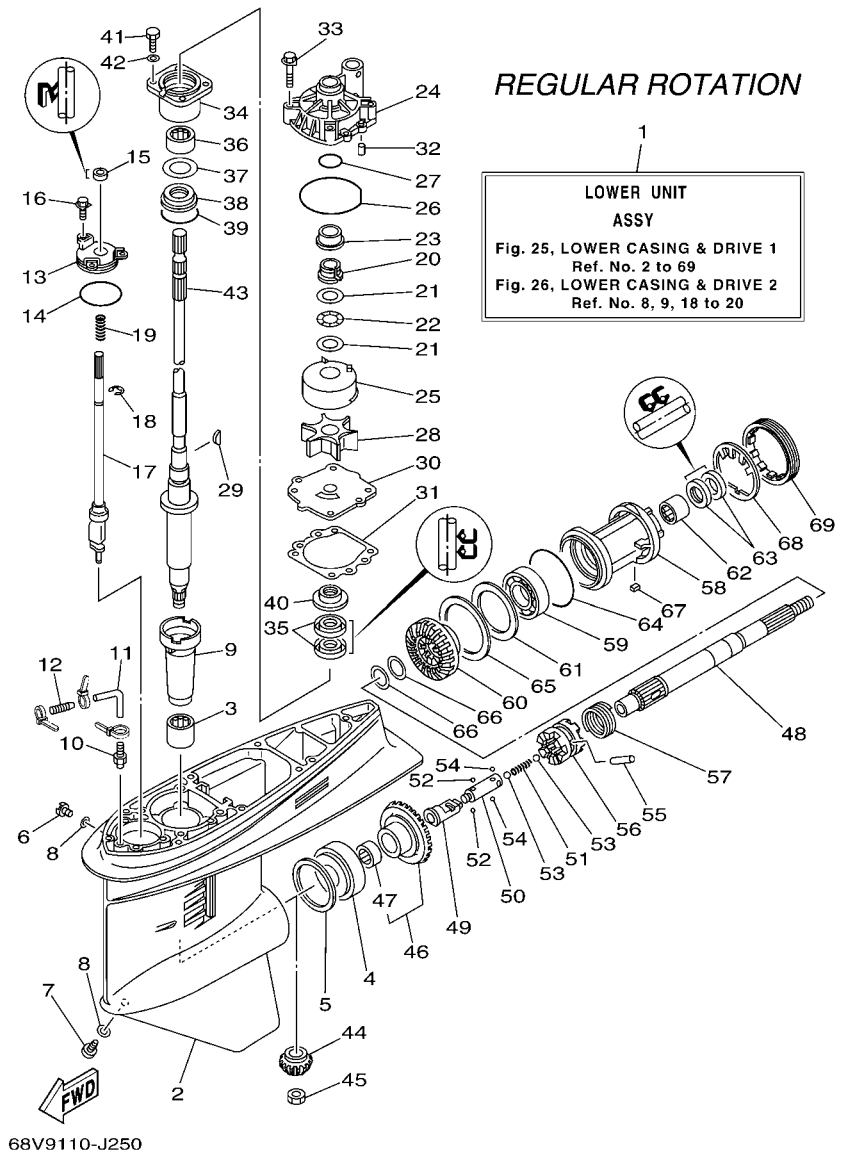


FIG. 24 OIL PAN

VENTILATEUR D'HUILE

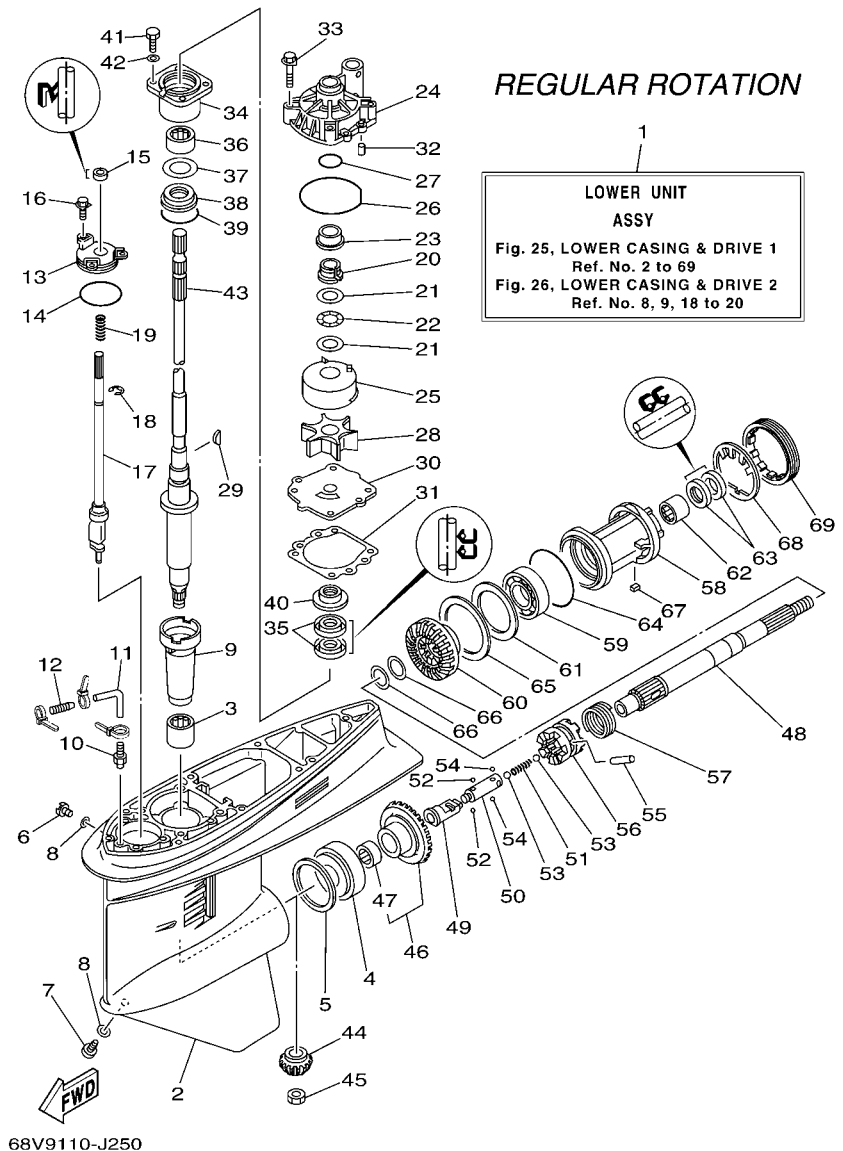
REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/6	68M/9		REMARKS REMARQUES
28	93604-12M07	PIN, DOWEL CLAVETTE	2	2		
29	93210-19MJ1	O-RING JOINT TORIQUE	2	2		
30	6D8-15362-00	PLUG, OIL LEVEL PLOT, NIVEAU D'HUILE	1	1		



68V9110-J250

FIG. 25 LOWER CASING & DRIVE 1 BOITIER D'HELICE TRANSMISSION1

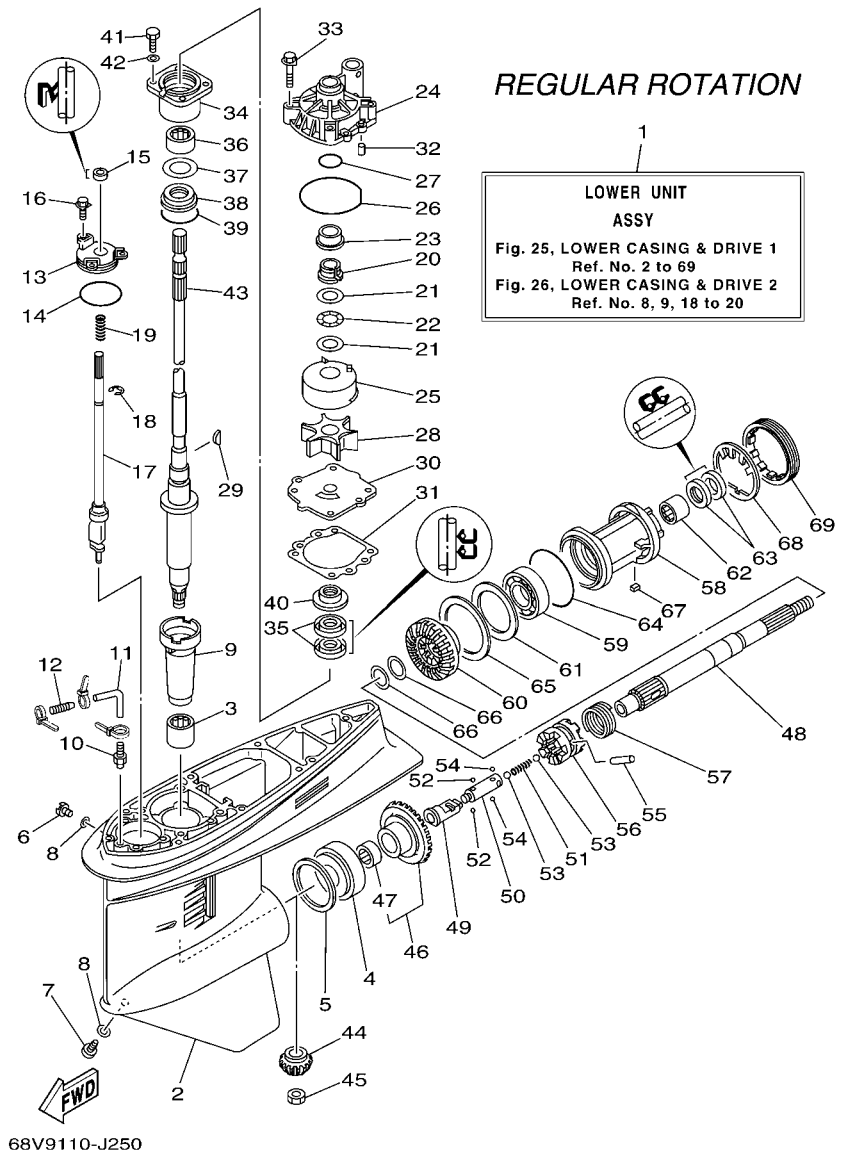
REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V9	68M9	REMARKS REMARQUES
1	68V-45300-12-8D	LOWER UNIT ASSY UNITE INFERIEURE (ENS.)	1		L(20.3"),RH L(20.3"),RH
	68V-45300-32-8D	LOWER UNIT ASSY UNITE INFERIEURE (ENS.)	1		X(25.3"),RH X(25.3"),RH
2	6E5-45301-05-8D	CASING, LOWER BEQUILLE	1		
3	93315-628U9	BEARING ROULEMENT	1		
4	93332-000U7	BEARING ROULEMENT	1		
5	6E5-45567-01	SHIM (T:0.10MM) CALE (T:0.10MM)	1		UR UR
	6E5-45567-10	SHIM (T:0.12MM) CALE (T:0.12MM)	1		UR UR
	6E5-45567-20	SHIM (T:0.15MM) CALE (T:0.15MM)	1		UR UR
	6E5-45567-30	SHIM (T:0.18MM) CALE (T:0.18MM)	1		UR UR
	6E5-45567-40	SHIM (T:0.30MM) CALE (T:0.30MM)	1		UR UR
	6E5-45567-50	SHIM (T:0.40MM) CALE (T:0.40MM)	1		UR UR
	6E5-45567-60	SHIM (T:0.50MM) CALE (T:0.50MM)	1		UR UR
6	90340-08002	PLUG, STRAIGHT SCREW PLOT, FILETE DROIT	1		
7	688-45341-10	PLUG, DRAIN BOUCHON DE VIDANGE	1		
8	90430-08020	GASKET JOINT	2		
9	6E5-45536-00	SLEEVE, DRIVE SHAFT MANCHON, ARBRE MOTEUR	1		
10	6E5-45378-00	NIPPLE, HOSE RACCORD, TUYAU	1		
11	90445-07ME8	HOSE (L80) DURITE (L80)	1		L(20.3") L(20.3")
	90445-07ME9	HOSE (L120) DURITE (L120)	1		X(25.3") X(25.3")
12	6E5-83558-10	END, NIPPLE RACCORD DE NIPPLE	1		
13	6E5-45321-00	PLATE PLAQUETTE	1		
14	93210-58144	O-RING JOINT TORIQUE	1		
15	93106-09014	OIL SEAL JOINT SPY	1		
16	90119-06M10	BOLT, WITH WASHER BOULON, AVEC RONDELLE	3		
17	6L6-44150-01	SHIFT CAM ASSY CAME D'INVERSION	1		
18	99001-08600	CIRCLIP CIRCLIP	1		
19	90501-11M10	SPRING, COMPRESSION RESSORT, COMPRESSION	1		



68V9110-J250

FIG. 25 LOWER CASING & DRIVE 1 BOITIER D'HELICE TRANSMISSION1

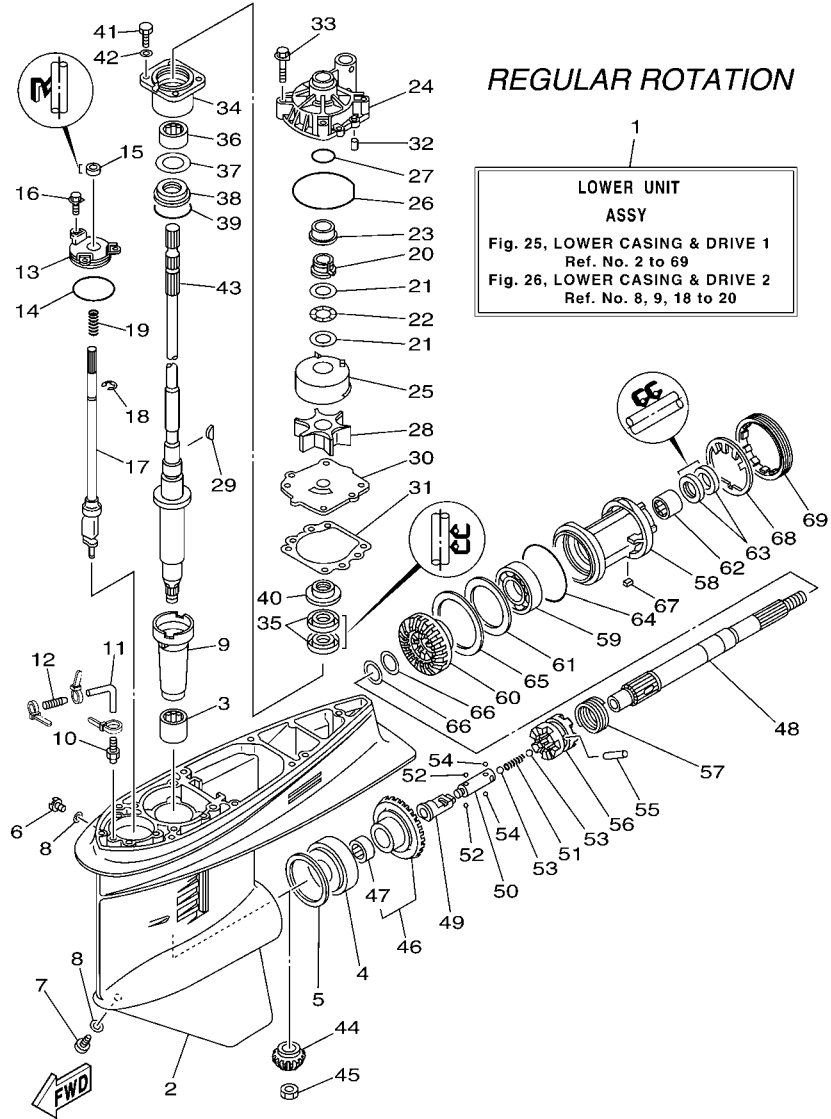
REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V	68M9	REMARKS REMARQUES
20	61A-45538-00	SPACER 1 ENTRETOISE	1		
21	90201-22M01	WASHER, PLATE RONDELLE, PLATE	2		
22	90206-22M19	WASHER, WAVE RONDELLE, ONDULEE	1		
23	61A-45527-00	COLLAR, DRIVE SHAFT ENTRETOISE	1		
24	61A-44311-01	HOUSING, WATER PUMP CORPS, POMPE A EAU	1		
25	61A-44322-02	INSERT, CARTRIDGE CUVETTE	1		
26	93210-86M38	O-RING JOINT TORIQUE	1		
27	93210-37160	O-RING JOINT TORIQUE	1		
28	6E5-44352-01	IMPELLER TURBINE	1		
29	90280-04M05	KEY, WOODRUFF CLAVETTE, DEMI-LUNE	1		
30	68V-44323-00	OUTER PLATE, CARTRIDGE PLAQUE EXTERIEURE	1		
31	6E5-44315-A0	GASKET, WATER PUMP JOINT, POMPE A EAU	1		
32	93606-12019	PIN, DOWEL GOUPILLE	2		
33	90119-08M14	BOLT, WITH WASHER BOULON, AVEC RONDELLE	4		
34	6E5-45331-00-9S	HOUSING, BEARING FLASQUE, ROULEMENT	1		
35	93101-28M16	OIL SEAL JOINT SPY	2		
36	93317-330U2	BEARING ROULEMENT	1		
37	6E5-45587-01	SHIM (T:0.10MM) CALE (T:0.10MM)	1		UR
	6E5-45587-10	SHIM (T:0.12MM) CALE (T:0.12MM)	1		UR
	6E5-45587-20	SHIM (T:0.15MM) CALE (T:0.15MM)	1		UR
	6E5-45587-30	SHIM (T:0.18MM) CALE (T:0.18MM)	1		UR
	6E5-45587-40	SHIM (T:0.30MM) CALE (T:0.30MM)	1		UR
	6E5-45587-50	SHIM (T:0.40MM) CALE (T:0.40MM)	1		UR
	6E5-45587-60	SHIM (T:0.50MM) CALE (T:0.50MM)	1		UR
38	93341-930V2	BEARING CERVEAUX DE DIRECTION	1		
39	93210-55M14	O-RING JOINT TORIQUE	1		
40	6E5-45344-00	COVER, OIL SEAL FLASQUE, JOINT D'HUILE	1		



68V9110-J250

FIG. 25 LOWER CASING & DRIVE 1 BOITIER D'HELICE TRANSMISSION1

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V	68M9	REMARKS REMARQUES
41	97095-08025	BOLT BOULON	4		
42	92995-08600	WASHER RONDELLE	4		
43	68V-45501-10	DRIVE SHAFT COMP. ARBRE MOTEUR COMP.	1		L(20.3")
	68V-45501-30	DRIVE SHAFT COMP. ARBRE MOTEUR COMP.	1		L(20.3") X(25.3")
44	68V-45551-00	PINION (13T) PIGNON D'ATTAQUE (13D)	1		
45	90170-16M01	NUT ECROU	1		
46	68V-45560-00	GEAR 1 (28T) PIGNON 1 (28T)	1		
47	93315-425U7	.BEARING .ROULEMENT	1		
48	6E5-45611-01	SHAFT, PROPELLER ARBRE, HELICE	1		
49	6K1-45641-01	SHIFTER EMBRAYAGE	1		
50	6E5-45634-01	SLIDE, SHIFT CONTRE-POUSSOIR	1		
51	90501-16M37	SPRING, COMPRESSION RESSORT, COMPRESSION	1		
52	93507-32009	BALL BILLE	2		
53	93511-32017	BALL BILLES	2		
54	93503-16003	BALL BILLES	2		
55	90250-08M07	PIN, STRAIGHT GOUPILLE, DROITE	1		
56	68V-45631-01	CLUTCH, DOG CRABOT	1		
57	6E5-45633-01	RING, CROSS PIN JONC, GOUPILLE CRABOT	1		
58	6E5-45332-00-CA	HOUSING, BEARING FLASQUE, ROULEMENT	1		
59	93306-208U0	BEARING ROULEMENT	1		
60	68V-45571-00	GEAR 2 (28T) PIGNON 2 (28T)	1		
61	6E5-45576-00	WASHER, THRUST RONDELLE DE CALAGE	1		
62	93315-430U8	BEARING ROULEMENT	1		
63	93101-30M17	OIL SEAL JOINT SPY	2		
64	93210-86M39	O-RING JOINT TORIQUE	1		
65	6L6-45577-00	SHIM (T:0.10MM) CALE (T:0.10MM)	1		UR
	6L6-45577-10	SHIM (T:0.12MM) CALE (T:0.12MM)	1		UR UR UR



68V9110-J250

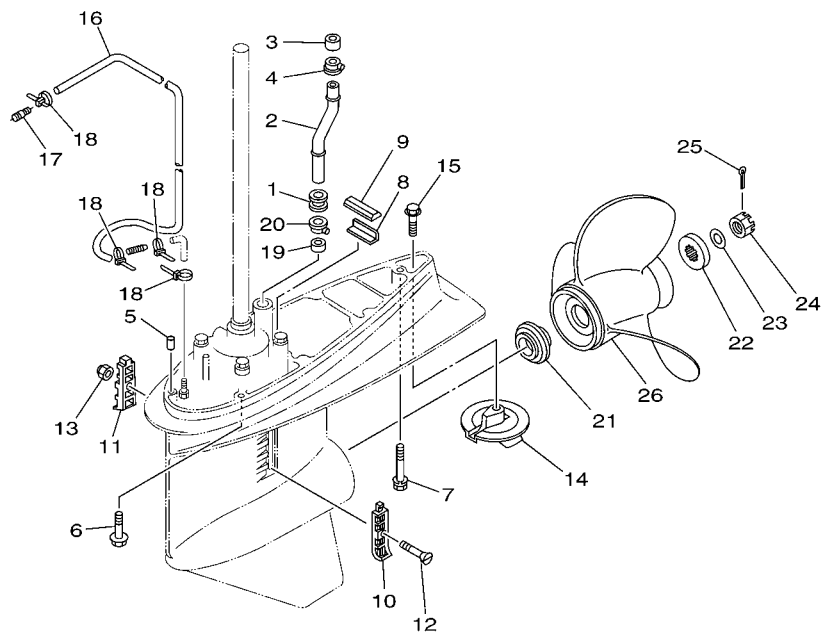
FIG. 25 LOWER CASING & DRIVE 1 BOITIER D'HELICE TRANSMISSION1

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V9	68V9	REMARKS REMARQUES
65	6L6-45577-20	SHIM (T:0.15MM) CALE (T:0.15MM)	1		UR UR
	6L6-45577-30	SHIM (T:0.18MM) CALE (T:0.18MM)	1		UR UR
	6L6-45577-40	SHIM (T:0.30MM) CALE (T:0.30MM)	1		UR UR
	6L6-45577-50	SHIM (T:0.40MM) CALE (T:0.40MM)	1		UR UR
	6L6-45577-60	SHIM (T:0.50MM) CALE (T:0.50MM)	1		UR UR
66	90201-30M92	WASHER, PLATE RONDELLE, PLATE	2		
67	90282-04010	KEY, STRAIGHT CLAVETTE, DROITE	1		
68	688-45383-02	WASHER, CLAW FREIN D'ECROU	1		
69	688-45384-00	NUT ECROU	1		

FIG. 26 LOWER CASING & DRIVE 2

BOITIER D'HELICE TRANSMISSION2

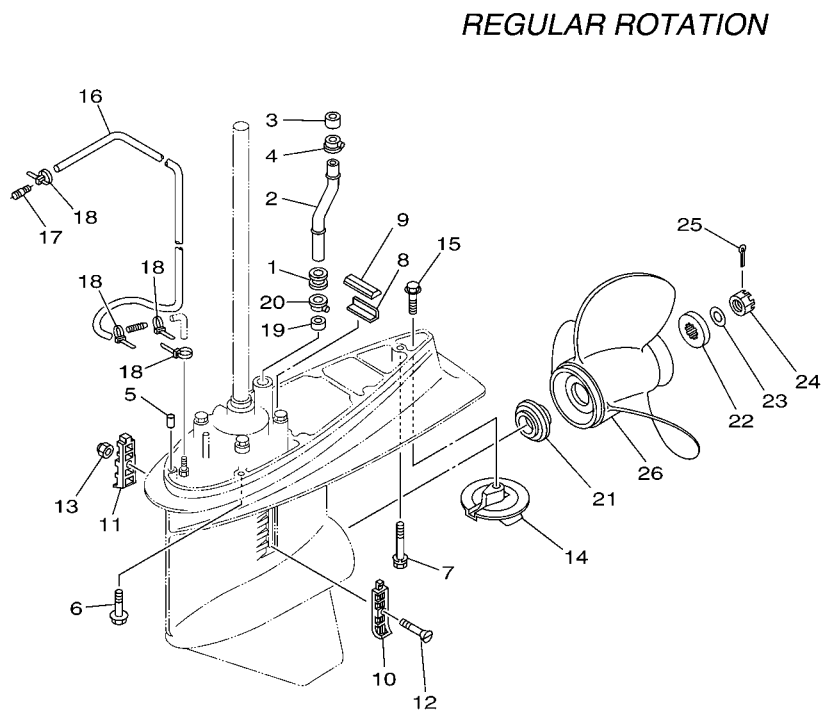
REGULAR ROTATION




68V9110-J260

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V	68W		REMARKS REMARQUES
1	6E5-44366-00	DAMPER, WATER SEAL JOINT, TUBE D'EAU	1			
2	68V-44361-11	TUBE, WATER TUBE D'EAU	1			L(20.3") L(20.3")
	68V-44361-30	TUBE, WATER TUBE D'EAU	1			X(25.3") X(25.3")
3	6E5-44365-00	DAMPER, WATER SEAL JOINT, TUBE D'EAU	1			
4	6E5-44312-00	COVER, WATER PUMP HOUSING COUVERCLE	1			
5	93608-12M05	PIN, DOWEL AXE	2			
6	90119-10053	BOLT, WITH WASHER BOULON, AVEC RONDELLE	6			
7	90119-10M89	BOLT, WITH WASHER BOULON, AVEC RONDELLE	1			
8	663-45376-00-94	GUIDE, SEAL DAMPER BUTEE, JOINT CAOUTCHOUC	1			
9	688-45375-00	DAMPER, SEAL BOURRELET, CAOUTCHOUC	1			
10	688-45214-02	COVER, WATER INLET 1 GRILLE, ENTREE D'EAU 1	1			
11	688-45215-02	COVER, WATER INLET 2 GRILLE, ENTREE D'EAU 2	1			
12	90152-05M07	SCREW, COUNTERSUNK VIS, TETE NOYEE	1			
13	90185-05002	NUT, NYLON ECROU, AUTO-BLOQUANT	1			
14	6E5-45371-01	TAB-TRIM ANODE DERIVE	1			
15	90105-10M00	BOLT, FLANGE BOULON	1			
16	90445-076K2	HOSE (L1550) DURITE (L1550)	1			
17	6E5-83558-00	END, NIPPLE RACCORD DE NIPPLE	1			
18	90465-11M10	CLAMP BRIDE	4			
19	6E5-44365-00	DAMPER, WATER SEAL JOINT, TUBE D'EAU	1			
20	6E5-44312-00	COVER, WATER PUMP HOUSING COUVERCLE	1			
21	63P-45987-00	SPACER ENTRETOISE	1			
22	688-45997-01	SPACER ENTRETOISE	1			
23	92990-18200	WASHER RONDELLE, PLATE	1			
24	90171-18M04	NUT, CASTLE ECROU, CRENELE	1			
25	91490-40030	PIN, COTTER GOUPILLE	1			
26	6E5-45941-00-EL	PROPELLER (3X13"X19"-K) HELICE (3X13"X19"-K)	1			UR UR

FIG. 26 LOWER CASING & DRIVE 2 BOITIER D'HELICE TRANSMISSION2

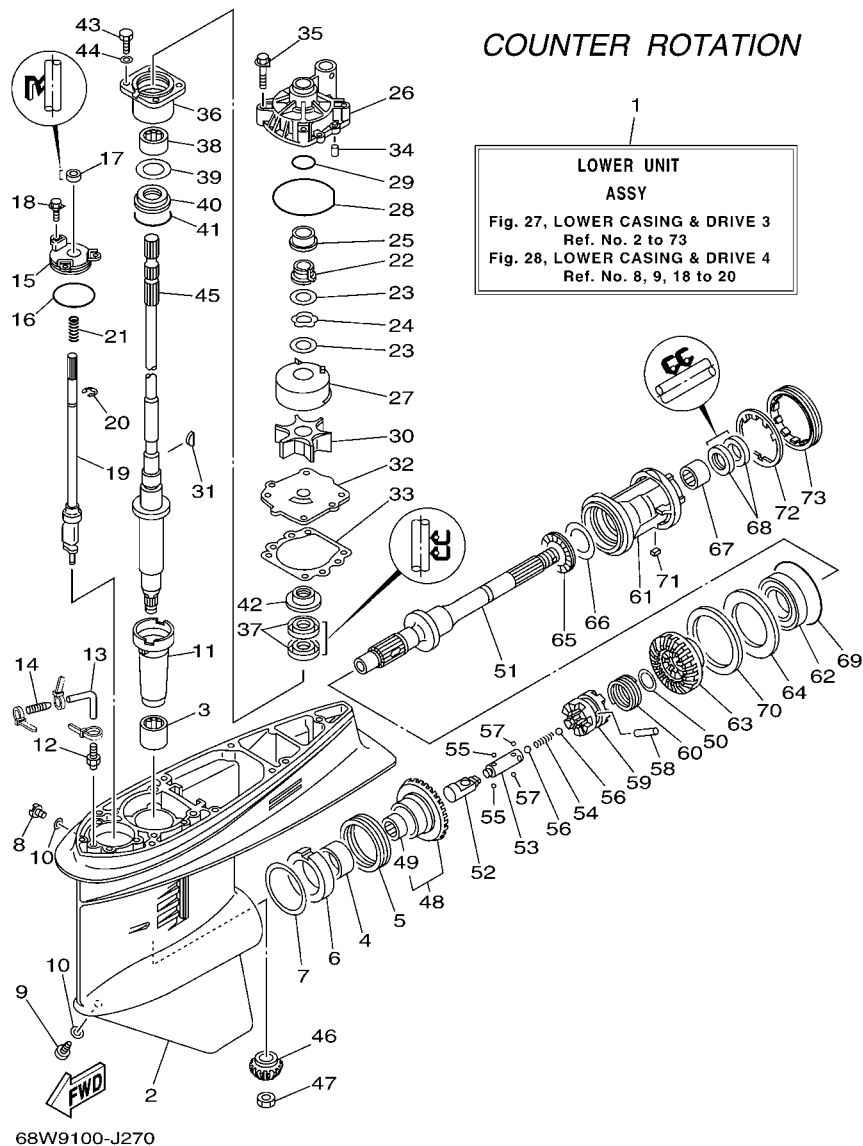



68V9110-J260

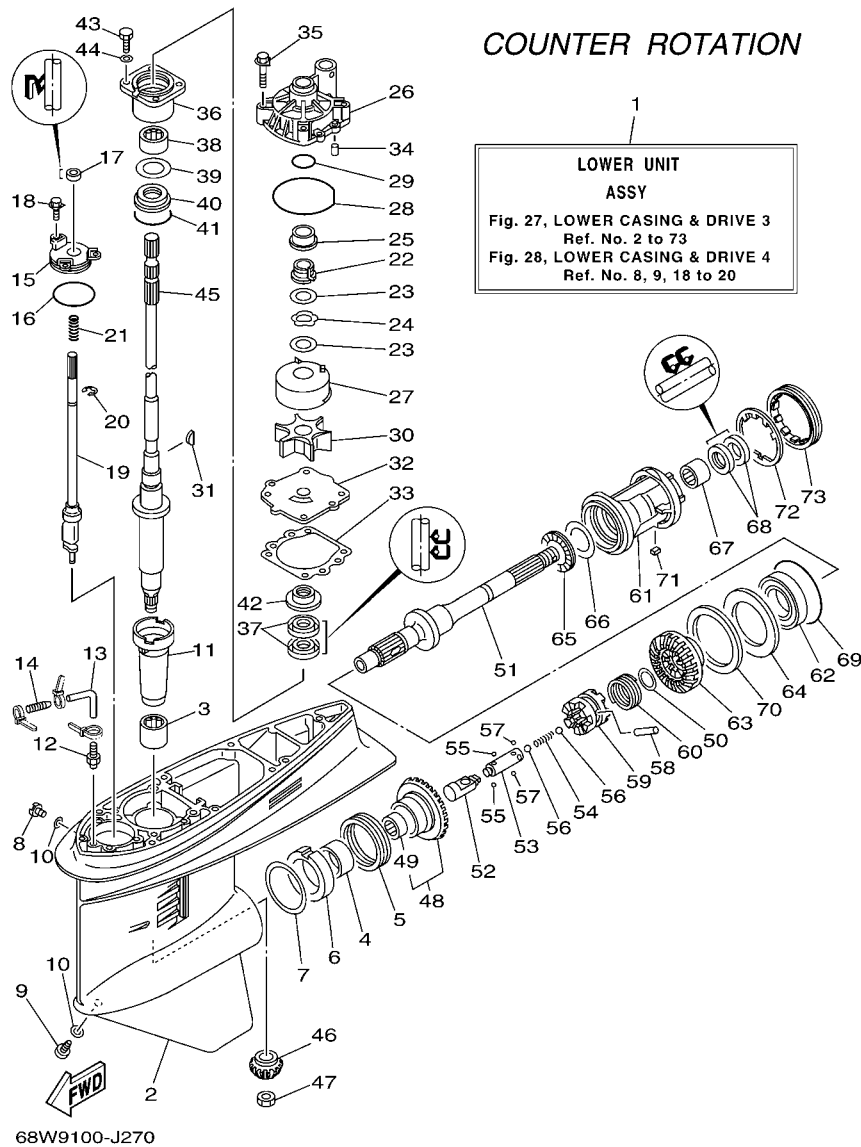
REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/688	68V/688	REMARKS REMARQUES
26	6E5-45943-00-EL	PROPELLER (3X12-5/8"X21"-K) HELICE (3X12-5/8"X21"-K)	1		UR UR
	6E5-45945-01-EL	PROPELLER (3X13-1/4"X17"-K) HELICE (3X13-1/4"X17"-K)	1		UR UR
	6E5-45947-00-EL	PROPELLER (3X13-1/2"X15"-K) HELICE (3X13-1/2"X15"-K)	1		UR UR
	6E5-45949-00-EL	PROPELLER (3X13-5/8"X13"-K) HELICE (3X13-5/8"X13"-K)	1		UR UR
	6E5-45952-00-EL	PROPELLER (3X13"X23"-K) HELICE (3X13"X23"-K)	1		UR UR
	6E5-45954-00-EL	PROPELLER (3X14"X11"-K) HELICE (3X14"X11"-K)	1		UR UR
	6E5-45956-00-EL	PROPELLER (3X13"X25"-K) HELICE (3X13"X25"-K)	1		UR UR
	688-45930-02-98	PROPELLER (3X13"X17"-K) HELICE (3X13"X17"-K)	1		UR UR
	688-45932-60-98	PROPELLER (3X13-1/2"X14"-K) HELICE (3X13-1/2"X14"-K)	1		UR UR
	688-45970-03-98	PROPELLER (3X13"X19"-K) HELICE (3X13"X19"-K)	1		UR UR
	688-45972-02-98	PROPELLER (3X13"X21"-K) HELICE (3X13"X21"-K)	1		UR UR
	688-45974-02-98	PROPELLER (3X13"X23"-K) HELICE (3X13"X23"-K)	1		UR UR
	688-45976-01-98	PROPELLER (3X13"X25"-K) HELICE (3X13"X25"-K)	1		UR UR
	688-45978-60-98	PROPELLER (3X13-1/2"X16"-K) HELICE (3X13-1/2"X16"-K)	1		UR UR
	68V-45941-00-EL	PROPELLER (3X13-1/2"X17"-K) HELICE (3X13-1/2"X17"-K)	1		UR UR
	68V-45943-00-EL	PROPELLER (3X13-1/2"X19"-K) HELICE (3X13-1/2"X19"-K)	1		UR UR
	62A-45970-10	PROPELLER (3X13-1/2"X21"-K) HELICE (3X13-1/2"X21"-K)	1		UR UR
	62A-45972-10	PROPELLER (3X13-1/2"X23"-K) HELICE (3X13-1/2"X23"-K)	1		UR UR
	62A-45974-10	PROPELLER (3X13-1/2"X19"-K) HELICE (3X13-1/2"X19"-K)	1		UR UR

FIG. 27 LOWER CASING & DRIVE 3

BOITIER D'HELICE TRANSMISSION3



REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V	68W	REMARKS REMARQUES
1	68W-45300-32-8D	LOWER UNIT ASSY UNITE INFERIEURE (ENS.)		1	X(25.3"),LH X(25.3"),LH
2	6E5-45301-05-8D	CASING, LOWER BEQUILLE		1	
3	93315-628U9	BEARING ROULEMENT		1	
4	93315-345W0	BEARING ROULEMENT		1	
5	93341-360U8	BEARING CERVEAUX DE DIRECTION		1	
6	6L6-45538-00	SPACER 1 ENTRETOISE		1	
7	6E5-45567-01	SHIM (T:0.10MM) CALE (T:0.10MM)		1	UR UR
	6E5-45567-10	SHIM (T:0.12MM) CALE (T:0.12MM)		1	UR UR
	6E5-45567-20	SHIM (T:0.15MM) CALE (T:0.15MM)		1	UR UR
	6E5-45567-30	SHIM (T:0.18MM) CALE (T:0.18MM)		1	UR UR
8	90340-08002	PLUG, STRAIGHT SCREW PLOT, FILETE DROIT		1	
9	688-45341-10	PLUG, DRAIN BOUCHON DE VIDANGE		1	
10	90430-08020	GASKET JOINT		2	
11	6E5-45536-00	SLEEVE, DRIVE SHAFT MANCHON, ARBRE MOTEUR		1	
12	6E5-45378-00	NIPPLE, HOSE RACCORD, TUYAU		1	
13	90445-07ME9	HOSE (L120) DURITE (L120)		1	X(25.3") X(25.3")
14	6E5-83558-10	END, NIPPLE RACCORD DE NIPPLE		1	
15	6E5-45321-00	PLATE PLAQUETTE		1	
16	93210-58144	O-RING JOINT TORIQUE		1	
17	93106-09014	OIL SEAL JOINT SPY		1	
18	90119-06M10	BOLT, WITH WASHER BOULON, AVEC RONDELLE		3	
19	6E5-44150-02	SHIFT CAM ASSY CAME D'INVERSION		1	
20	99001-08600	CIRCLIP CIRCLIP		1	
21	90501-11M10	SPRING, COMPRESSION RESSORT, COMPRESSION		1	



COUNTER ROTATION

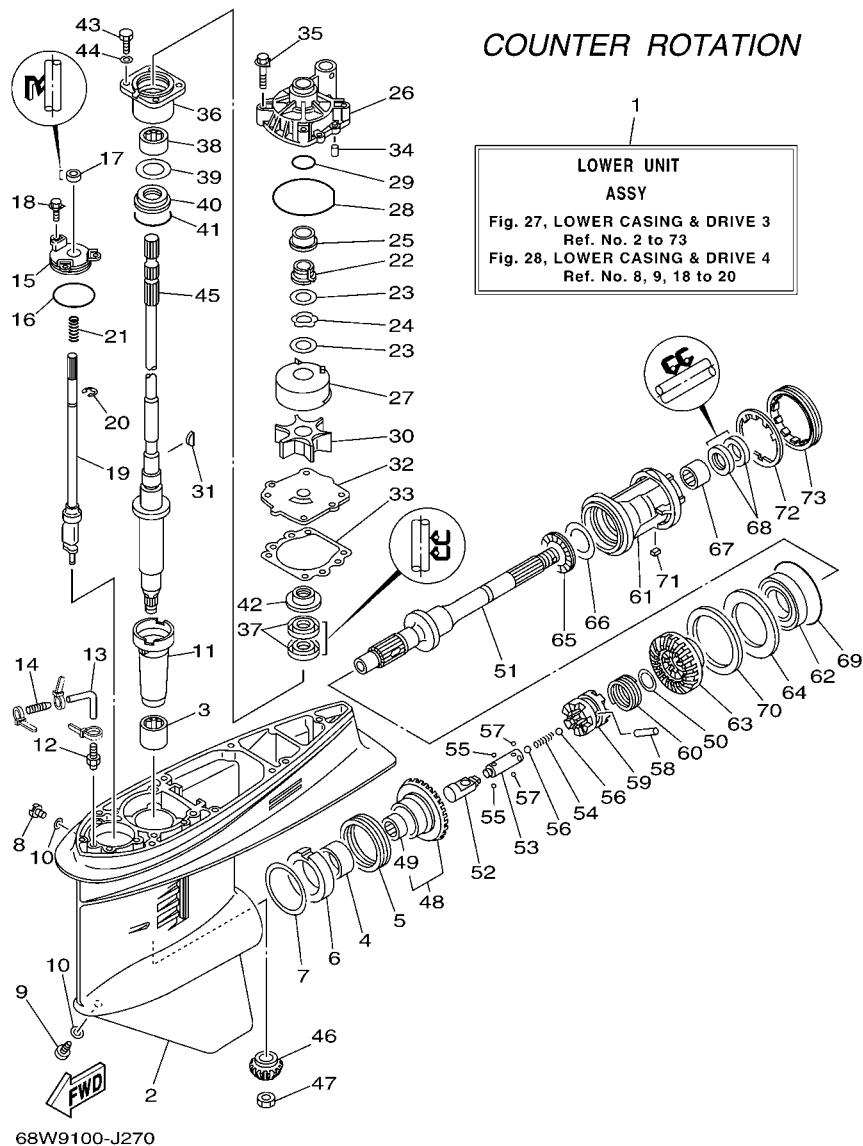
1
**LOWER UNIT
 ASSY**
 Fig. 27, LOWER CASING & DRIVE 3
 Ref. No. 2 to 73
 Fig. 28, LOWER CASING & DRIVE 4
 Ref. No. 8, 9, 18 to 20

FIG. 27 LOWER CASING & DRIVE 3 BOITIER D'HELICE TRANSMISSION3

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V	68W	REMARKS REMARQUES
22	61A-45538-00	SPACER 1 ENTRETOISE		1	
23	90201-22M01	WASHER, PLATE RONDELLE, PLATE		2	
24	90206-22M19	WASHER, WAVE RONDELLE, ONDULEE		1	
25	61A-45527-00	COLLAR, DRIVE SHAFT ENTRETOISE		1	
26	61A-44311-01	HOUSING, WATER PUMP CORPS, POMPE A EAU		1	
27	61A-44322-02	INSERT, CARTRIDGE CUVETTE		1	
28	93210-86M38	O-RING JOINT TORIQUE		1	
29	93210-37160	O-RING JOINT TORIQUE		1	
30	6E5-44352-01	IMPELLER TURBINE		1	
31	90280-04M05	KEY, WOODRUFF CLAVETTE, DEMI-LUNE		1	
32	68V-44323-00	OUTER PLATE, CARTRIDGE PLAQUE EXTERIEURE		1	
33	6E5-44315-A0	GASKET, WATER PUMP JOINT, POMPE A EAU		1	
34	93606-12019	PIN, DOWEL GOUPILLE		2	
35	90119-08M14	BOLT, WITH WASHER BOULON, AVEC RONDELLE		4	
36	6E5-45331-00-9S	HOUSING, BEARING FLASQUE, ROULEMENT		1	
37	93101-28M16	OIL SEAL JOINT SPY		2	
38	93317-330U2	BEARING ROULEMENT		1	
39	6E5-45587-01	SHIM (T:0.10MM) CALE (T:0.10MM)		1	UR
	6E5-45587-10	SHIM (T:0.12MM) CALE (T:0.12MM)		1	UR
	6E5-45587-20	SHIM (T:0.15MM) CALE (T:0.15MM)		1	UR
	6E5-45587-30	SHIM (T:0.18MM) CALE (T:0.18MM)		1	UR
	6E5-45587-40	SHIM (T:0.30MM) CALE (T:0.30MM)		1	UR
	6E5-45587-50	SHIM (T:0.40MM) CALE (T:0.40MM)		1	UR
	6E5-45587-60	SHIM (T:0.50MM) CALE (T:0.50MM)		1	UR
40	93341-930V2	BEARING CERVEAUX DE DIRECTION		1	
41	93210-55M14	O-RING JOINT TORIQUE		1	
42	6E5-45344-00	COVER, OIL SEAL FLASQUE, JOINT D'HUILE		1	

FIG. 27 LOWER CASING & DRIVE 3

BOITIER D'HELICE TRANSMISSION3



REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/68W	68W	REMARKS REMARQUES
43	97095-08025	BOLT BOULON		4	
44	92995-08600	WASHER RONDELLE		4	
45	68V-45501-30	DRIVE SHAFT COMP. ARBRE MOTEUR COMP.		1	X(25.3") X(25.3")
46	68V-45551-00	PINION (13T) PIGNON D'ATTAQUE (13D)		1	
47	90170-16M01	NUT ECROU		1	
48	68W-45560-00	GEAR 1 (28T) PIGNON 1 (28T)		1	
49	93315-425U7	.BEARING .ROULEMENT		1	
50	90201-26M00	WASHER, PLATE RONDELLE, PLATE		1	
51	68W-45611-00	SHAFT, PROPELLER ARBRE, HELICE		1	
52	6E5-45641-03	SHIFTER EMBRAYAGE		1	
53	6E5-45634-01	SLIDE, SHIFT CONTRE-POUSOIR		1	
54	90501-16M37	SPRING, COMPRESSION RESSORT, COMPRESSION		1	
55	93507-32009	BALL BILLE		2	
56	93511-32017	BALL BILLES		2	
57	93503-16003	BALL BILLES		2	
58	90250-08M07	PIN, STRAIGHT GOUPILLE, DROITE		1	
59	68V-45631-01	CLUTCH, DOG CRABOT		1	
60	6E5-45633-01	RING, CROSS PIN JONC, GOUPILLE CRABOT		1	
61	6L6-45332-00-CA	HOUSING, BEARING FLASQUE, ROULEMENT		1	
62	93332-000V7	BEARING ROULEMENT		1	
63	68W-45570-10	GEAR 2 (28T) PIGNON 2 (28T)		1	
64	6L6-45576-00	WASHER, THRUST RONDELLE DE CALAGE		1	
65	93341-440U5	BEARING CERVEAUX DE DIRECTION		1	
66	6K1-45578-01	SHIM (T:0.10MM) CALE (T:0.10MM)		1	UR
	6K1-45578-10	SHIM (T:0.12MM) CALE (T:0.12MM)		1	UR
	6K1-45578-20	SHIM (T:0.15MM) CALE (T:0.15MM)		1	UR
	6K1-45578-30	SHIM (T:0.18MM) CALE (T:0.18MM)		1	UR

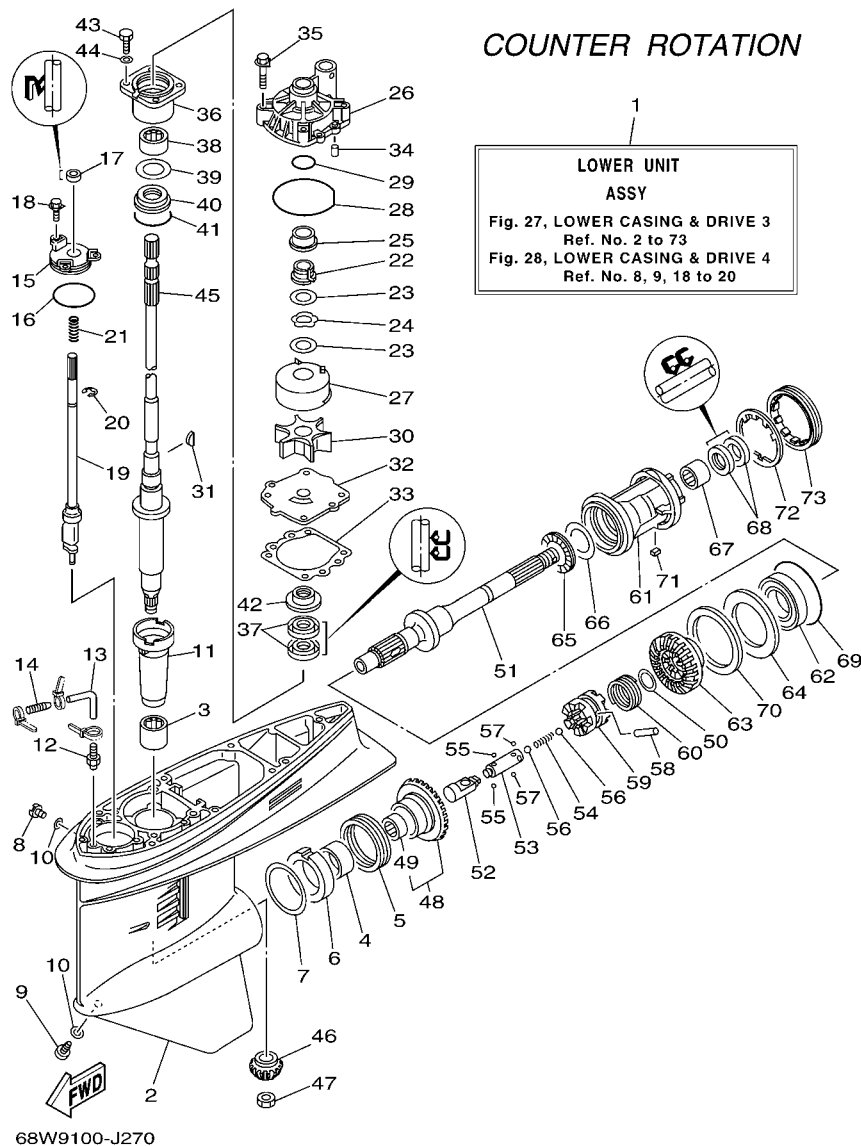
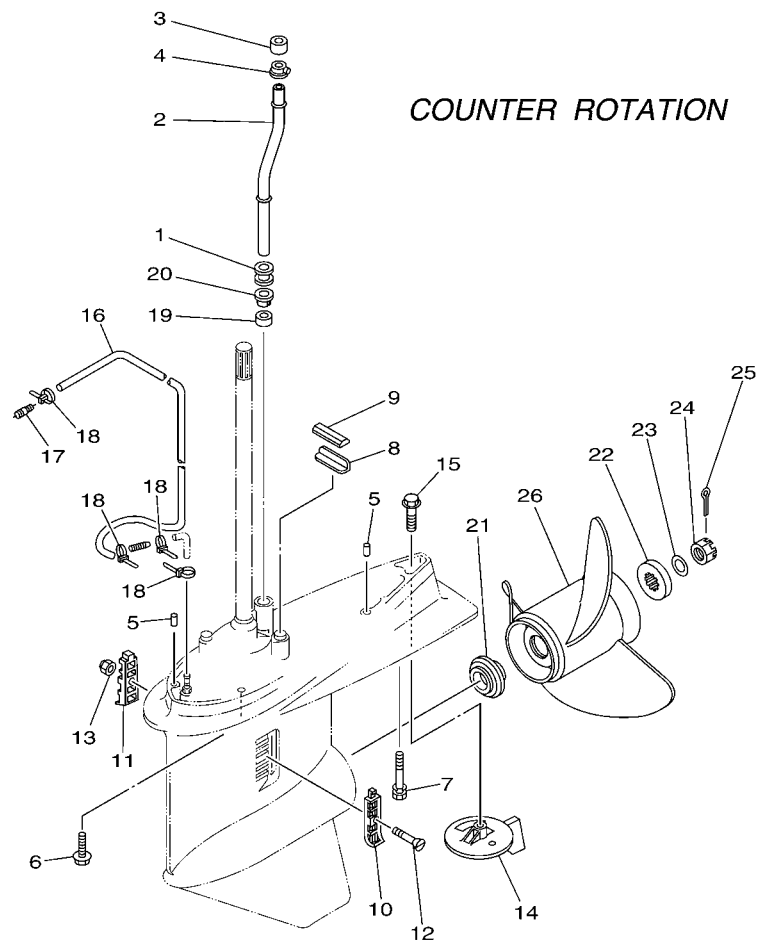


FIG. 27 LOWER CASING & DRIVE 3 BOITIER D'HELICE TRANSMISSION3

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V9	68W9	REMARKS REMARQUES
66	6K1-45578-40	SHIM (T:0.30MM) CALE (T:0.30MM)		1	UR UR
	6K1-45578-50	SHIM (T:0.40MM) CALE (T:0.40MM)		1	UR UR
	6K1-45578-60	SHIM (T:0.50MM) CALE (T:0.50MM)		1	UR UR
67	93315-43061	BEARING ROULEMENT		1	
68	93101-30M17	OIL SEAL JOINT SPY		2	
69	93210-86M39	O-RING JOINT TORIQUE		1	
70	6L6-45577-00	SHIM (T:0.10MM) CALE (T:0.10MM)		1	UR UR
	6L6-45577-10	SHIM (T:0.12MM) CALE (T:0.12MM)		1	UR UR
	6L6-45577-20	SHIM (T:0.15MM) CALE (T:0.15MM)		1	UR UR
	6L6-45577-30	SHIM (T:0.18MM) CALE (T:0.18MM)		1	UR UR
71	90282-04010	KEY, STRAIGHT CLAVETTE, DROITE		1	
72	688-45383-02	WASHER, CLAW FREIN D'ECROU		1	
73	688-45384-00	NUT ECROU		1	

FIG. 28 LOWER CASING & DRIVE 4

BOITIER D'HELICE TRANSMISSION4

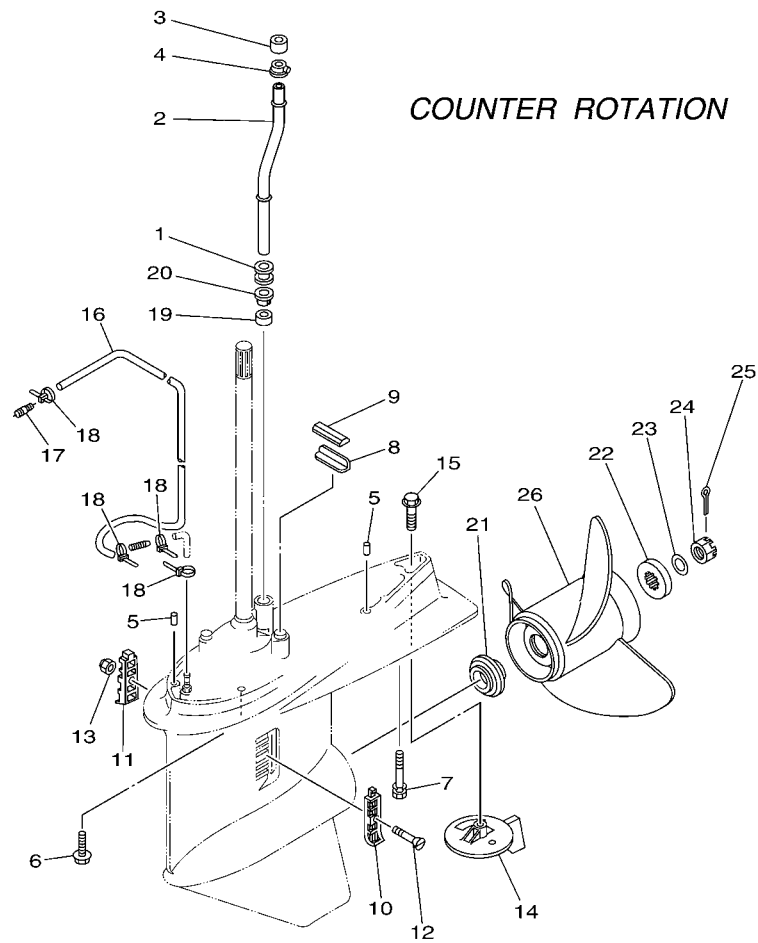


68W9110-J260

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/6	68W/9	REMARKS REMARQUES
1	6E5-44366-00	DAMPER, WATER SEAL JOINT, TUBE D'EAU		1	
2	68V-44361-30	TUBE, WATER TUBE D'EAU		1	X(25.3") X(25.3")
3	6E5-44365-00	DAMPER, WATER SEAL JOINT, TUBE D'EAU		1	
4	6E5-44312-00	COVER, WATER PUMP HOUSING COUVERCLE		1	
5	93608-12M05	PIN, DOWEL AXE		2	
6	90119-10053	BOLT, WITH WASHER BOULON, AVEC RONDELLE		6	
7	90119-10M89	BOLT, WITH WASHER BOULON, AVEC RONDELLE		1	
8	663-45376-00-94	GUIDE, SEAL DAMPER BUTEE, JOINT CAOUTCHOUC		1	
9	688-45375-00	DAMPER, SEAL BOURRELET, CAOUTCHOUC		1	
10	688-45214-02	COVER, WATER INLET 1 GRILLE, ENTREE D'EAU 1		1	
11	688-45215-02	COVER, WATER INLET 2 GRILLE, ENTREE D'EAU 2		1	
12	90152-05M07	SCREW, COUNTERSUNK VIS, TETE NOYEE		1	
13	90185-05002	NUT, NYLON ECROU, AUTO-BLOQUANT		1	
14	6L6-45371-00	TAB-TRIM ANODE DERIVE		1	
15	90105-10M00	BOLT, FLANGE BOULON		1	
16	90445-076K2	HOSE (L1550) DURITE (L1550)		1	
17	6E5-83558-00	END, NIPPLE RACCORD DE NIPPLE		1	
18	90465-11M10	CLAMP BRIDE		4	
19	6E5-44365-00	DAMPER, WATER SEAL JOINT, TUBE D'EAU		1	
20	6E5-44312-00	COVER, WATER PUMP HOUSING COUVERCLE		1	
21	63P-45987-00	SPACER ENTRETOISE		1	
22	688-45997-01	SPACER ENTRETOISE		1	
23	92990-18200	WASHER RONDELLE, PLATE		1	
24	90171-18M04	NUT, CASTLE ECROU, CRENELE		1	
25	91490-40030	PIN, COTTER GOUPILLE		1	
26	6L6-45930-01-98	PROPELLER (3X13"X17"-KL) HELICE (3X13"X17"-KL)		1	UR UR
	6L6-45970-00-98	PROPELLER (3X13"X19"-KL) HELICE (3X13"X19"-KL)		1	UR UR

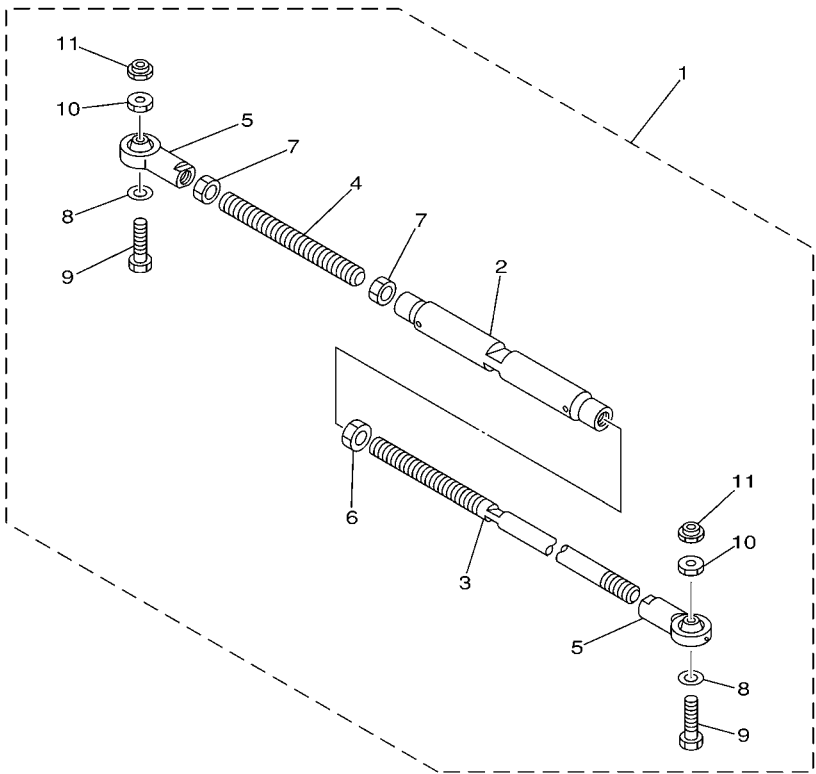
FIG. 28 LOWER CASING & DRIVE 4

BOITIER D'HELICE TRANSMISSION4



68W9110-J260

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/9	68W/9		REMARKS REMARQUES
26	6L6-45972-00-98	PROPELLER (3X13"X21"-KL) HELICE (3X13"X21"-KL)		1		UR UR



67H0100-0300

FIG. 31 STEERING GUIDE ATTACHMENT 2 DIRECTION GUIDE ACCESSOIRE 2

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/9	68W/9	REMARKS REMARQUES
1	6E5-61301-01	TWIN KIT (L:600-800MM) JUMELE KIT (L:600-800MM)		1	AP AP
2	6E5-61313-00	.ADJUSTER .TENDEUR		1	
3	6E5-61311-11	.TIE BAR .BARRE D'ACCOUPEMENT		1	
4	6E5-61315-00	.TIE BAR .BARRE D'ACCOUPEMENT		1	
5	6E5-61303-00	.STEERING AXLE COMP. .AXLE COMP.		2	
6	90170-14M06	.NUT .ECROU		1	
7	95380-14700	.NUT .ECROU		2	
8	90201-10M76	.WASHER, PLATE .RONDELLE, PLATE		2	
9	90101-09M70	.BOLT .BOULON		2	
10	90170-09M05	.NUT .ECROU		2	
11	90185-09M01	.NUT, SELF-LOCKING .ECROU,AUTO-BLOQUANT		2	

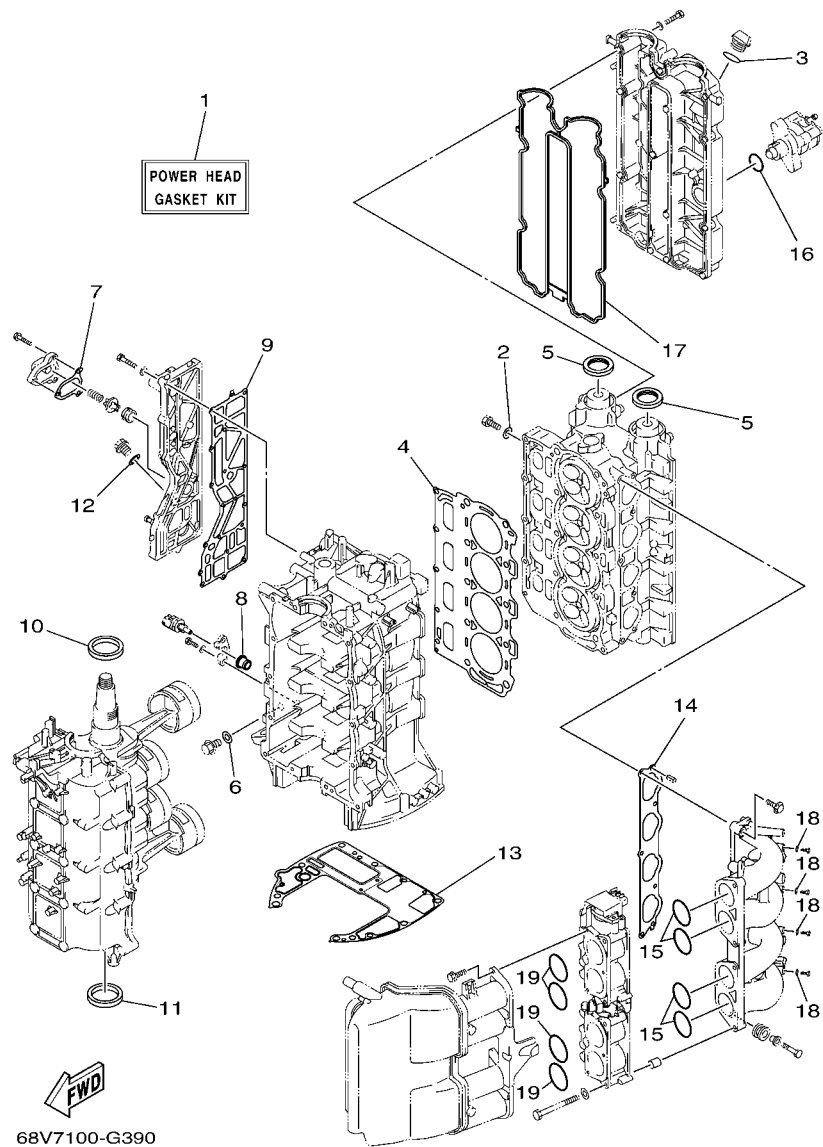
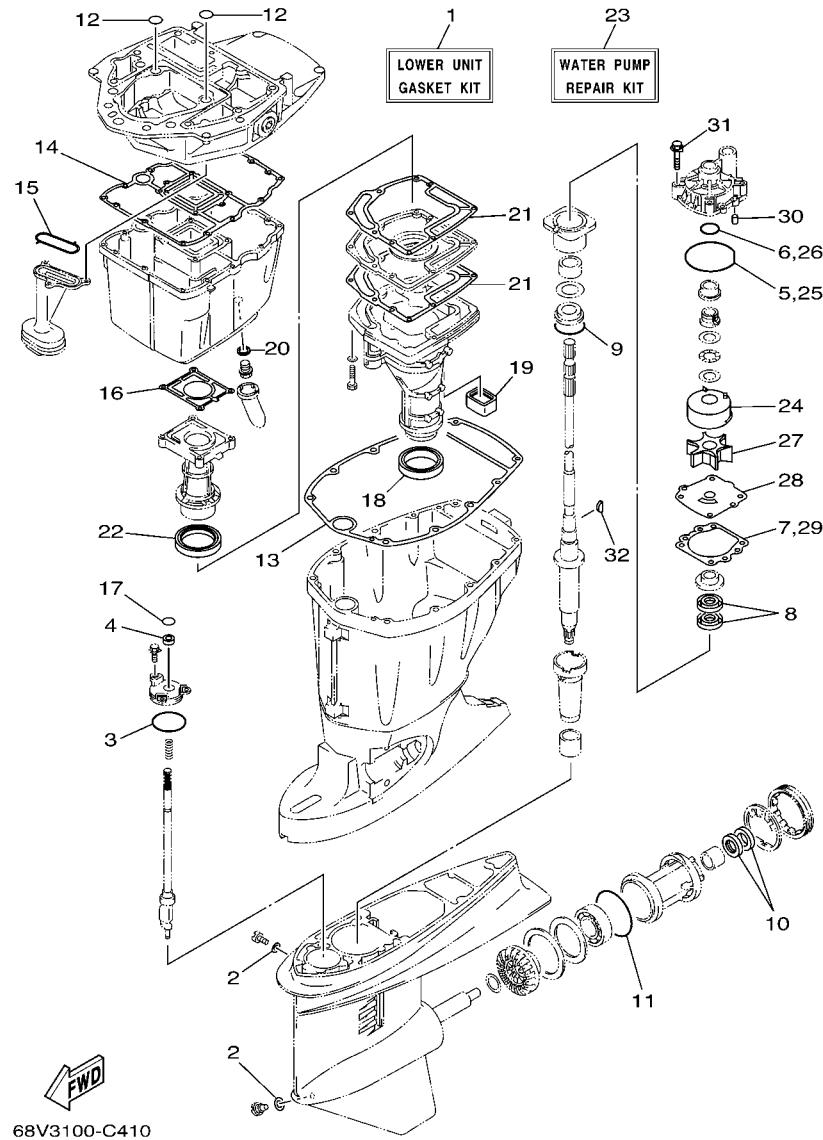


FIG. 35 REPAIR KIT 1

KITS DE REPARATION 1

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V/9	68W/9		REMARKS REMARQUES
1	68V-W0001-05	POWER HEAD GASKET KIT POCHETTE DE JINTS TETE MOTRICE	1	1		
2	90430-08143	.GASKET .JOINT	4	4		
3	93210-24M79	.O-RING .JOINT TORIQUE	1	1		
4	67F-11181-03	.GASKET, CYLINDER HEAD 1 .JOINT, DE CULASSE 1	1	1		
5	93102-38008	.OIL SEAL .JOINT SPY	2	2		
6	90430-14115	.GASKET .JOINT	1	1		
7	67F-12435-A0	.GASKET .JOINT	1	1		
8	68V-85753-00	.GASKET, SENDER UNIT .JOINT, DE PERCEPTION	1	1		
9	67F-41114-A2	.GASKET, EXHAUST OUTER COVER .JOINT, COUVERCLE D'ECHAPPEMENT	1	1		
10	93102-48009	.OIL SEAL .JOINT SPY	1	1		
11	93101-48002	.OIL SEAL .JOINT SPY	1	1		
12	90430-18130	.GASKET .JOINT	1	1		
13	68V-11351-00	.GASKET, CYLINDER .JOINT, D'EMBASE	1	1		
14	68V-13645-00	.GASKET, MANIFOLD 1 .JOINT, TUBULURE 1	1	1		
15	93210-48MG8	.O-RING .JOINT TORIQUE	4	4		
16	93210-30682	.O-RING .JOINT TORIQUE	1	1		
17	6D8-11356-01	.SEAL, CYLINDER 2 .JOINT, SPY CYLINDRE	1	1		
18	90430-06014	.GASKET .JOINT	4	4		
19	93210-48MJ9	.O-RING .JOINT TORIQUE	4	4		



68V3100-C410

FIG. 36 REPAIR KIT 2

KITS DE REPARATION 2

REF. NO.	PART NO. N° PIECES	DESCRIPTION DESCRIPTION	68V9	68W9	REMARKS REMARQUES
1	68V-W0001-21	LOWER UNIT GASKET KIT POCHETTE DE JOINTS EMBASE	1	1	
2	90430-08020	.GASKET .JOINT	2	2	
3	93210-58144	.O-RING .JOINT TORIQUE	1	1	
4	93106-09014	.OIL SEAL .JOINT SPY	1	1	
5	93210-86M38	.O-RING .JOINT TORIQUE	1	1	
6	93210-37160	.O-RING .JOINT TORIQUE	1	1	
7	6E5-44315-A0	.GASKET, WATER PUMP .JOINT, POMPE A EAU	1	1	
8	93101-28M16	.OIL SEAL .JOINT SPY	2	2	
9	93210-55M14	.O-RING .JOINT TORIQUE	1	1	
10	93101-30M17	.OIL SEAL .JOINT SPY	2	2	
11	93210-86M39	.O-RING .JOINT TORIQUE	1	1	
12	93210-19MJ1	.O-RING .JOINT TORIQUE	2	2	
13	67F-45113-00	.GASKET, UPPER CASING .JOINT, TUBE D'ARBRE	1	1	
14	68V-15312-00	.GASKET, OIL PAN .JOINT DE VENTILATEUR D'HUILE	1	1	
15	67F-13415-00	.SEAL, OIL STRAINER .JOINT, FILTRE A HUILE	1	1	
16	67F-41133-A1	.GASKET, EXHAUST MANIFOLD 1 .JOINT, PIPE D'ECHAPPEMENT	1	1	
17	93210-09165	.O-RING .JOINT TORIQUE	1	1	
18	68V-45123-00	.GASKET, MUFFLER .JOINT, POT DE DETENTE	1	1	
19	67F-45127-00	.SEAL .JOINT	1	1	
20	90430-14M09	.GASKET .JOINT	1	1	
21	67F-41134-A0	.GASKET, EXHAUST MANIFOLD .JOINT, PIPE D'ECHAPPEMENT	2	2	
22	67F-41138-00	.SEAL, EXT. 1 .JOINT DE GROUPE 1	1	1	
23	68V-W0078-00	WATER PUMP REPAIR KIT KIT DE REPARATION DE LA POMPE	1	1	
24	61A-44322-02	.INSERT, CARTRIDGE .CUVETTE	1	1	
25	93210-86M38	.O-RING .JOINT TORIQUE	1	1	
26	93210-37160	.O-RING .JOINT TORIQUE	1	1	
27	6E5-44352-01	.IMPELLER .TURBINE	1	1	

