

SUZUKI

PARTS CATALOGUE

DF70A/80A/90A/100B

DF70A/ATH

DF80A

DF90A/ATH

DF100B



OUTBOARD MOTOR

E01/E40

2017-10

1ST EDITION

PREFACE

When it becomes necessary to replace parts on SUZUKI OUTBOARD MOTORS, always use SUZUKI GENUINE PARTS which have passed a strict inspection which guarantees quality and performance.

This parts catalogue covers the list of all service parts for SUZUKI DF70A/80A/90A/100B production start 2017.

INSTRUCTIONS FOR QUOTING THE CATALOGUE

1. DIMENSIONS

Dimensions of the parts in this catalogue are indicated in unit millimeters.

2. ABBREVIATIONS

Abbreviations used in this catalogue are as follows:

AR	: As required	NT	: Number of teeth
ASSY	: Assembly	OPT	: Optional
E. NO.	: Engine number	OS	: Over size
F. NO.	: Frame number	STD	: Standard
D	: Diameter of material	T	: Thickness
ID	: Inside diameter	US	: Under size
OD	: Outside diameter	W	: Width
L	: Length	W/	: With
LH(PORT)	: Left hand side	L, X	: Transom type
RH(STBD)	: Right hand side	SUS	: Stainless steel
~031234	: Up to E.No. 09003F-031234	PTT	: Power trim and tilt
031234~	: From E.No. 09003F-031234		

12 x 34 x 5.6..... Figures in the description column

| | | show the dimensions of parts.

ID OD T(or W,L)

→12345-56781 (Parts No.) : indicates that the parts number was changed to 12345-56781 and the new parts are interchangeable with the former ones but the former ones are not interchangeable with new ones.

←12345-56781 (Parts No.) : indicates that the former and new parts are interchangeable with each other and both are usable.

3. INNER PARTS OF ASSEMBLY

Part name with a dot (.) in front as shown in the description column indicates the component of the assembly also available individually.

4. MODIFICATION NOTICE

A parts bulletin will be sent to you on all occasions when changes in parts occur, including interchangeable modifications between new parts and old ones.

5. NOTE

5-1. There are some different parts from those of production models among spare parts for the administrative reasons and common use of them with other models.

5-2. In respect of rubber hoses and vinyl tubes, please be sure to use them by cutting off according to the length mentioned on parts catalogue or what is actually required on the vehicle.

5-3. Note that the drawings on the illustration page are for ready reference of spare parts number, not to be used as an assembly manual. When assembling, use "SUZUKI SERVICE MANUAL".

6. MODEL NAME AND ENGINE NUMBER

MODEL	DESTINATION	TYPE	TRANSOM	COLOR	ENGINE No.
DF70AT	E01, E40	07003F	L, X	YAY, Y5S	07003F-810001~
DF70ATH	E01, E40	07003F	L, X	YAY	07003F-810001~
DF80AT	E01, E40	08002F	L, X	YAY	08002F-810001~
DF90AT	E01, E40	09003F	L, X	YAY, Y5S	09003F-810001~
DF90ATH	E01, E40	09003F	L, X	YAY	09003F-810001~
DF100B	E01, E40	09003F	L, X	YAY, Y5S	10004F-810001~

MILLIMETER → INCH CONVERSION CHART

	0	1	2	3	4	5	6	7	8	9
00	.000	.039	.079	.118	.157	.197	.236	.276	.315	.354
10	.394	.433	.472	.512	.551	.591	.630	.669	.709	.748
20	.787	.827	.866	.906	.945	.984	1.024	1.063	1.102	1.142
30	1.181	1.220	1.260	1.299	1.339	1.378	1.417	1.457	1.496	1.535
40	1.575	1.614	1.654	1.693	1.732	1.772	1.811	1.850	1.890	1.929
50	1.969	2.008	2.047	2.087	2.126	2.165	2.205	2.214	2.283	2.323
60	2.362	2.402	2.441	2.480	2.520	2.559	2.598	2.638	2.677	2.717
70	2.756	2.795	2.835	2.874	2.913	2.953	2.992	3.031	3.071	3.110
80	3.150	3.189	3.228	3.268	3.307	3.346	3.386	3.425	3.465	3.504
90	3.543	3.583	3.622	3.661	3.701	3.740	3.780	3.819	3.858	3.898

How to read

	0	1	2	3	4
00	...	...	...	...	...
10	...	...	...	...	...
20	...	...	...	0.906	...
30	...	...	...	...	...

23 millimeters equal 0.906 inch

FIG.111A

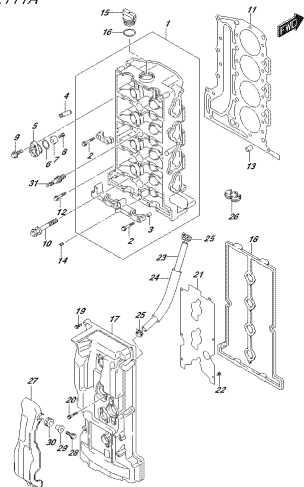
D:\F6M_E01_016_111A
CYLINDER HEAD

FIG.111B

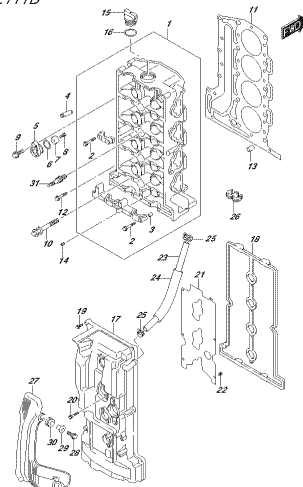
D:\F6M_E01_016_111B
CYLINDER HEAD

FIG.113A

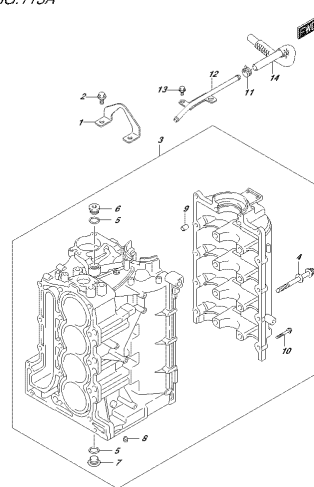
D:\F6M_E01_016_113A
CYLINDER BODY

FIG.116A

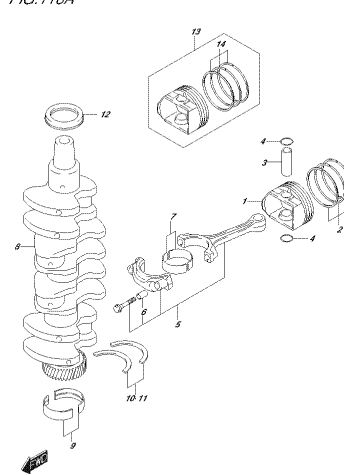
D:\F6M_E01_016_116A
CRANKSHAFT

FIG.119A

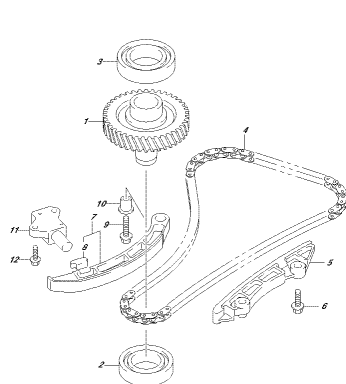
D:\F6M_E01_016_119A
TIMING CHAIN

FIG.121A

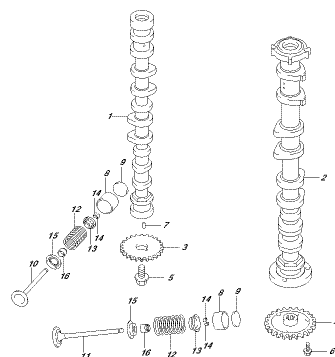
D:\F6M_E01_016_121A
CAMSHAFT

FIG.121B

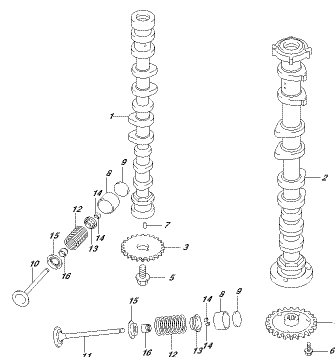
D:\F6M_E01_016_121B
CAMSHAFT

FIG.121C

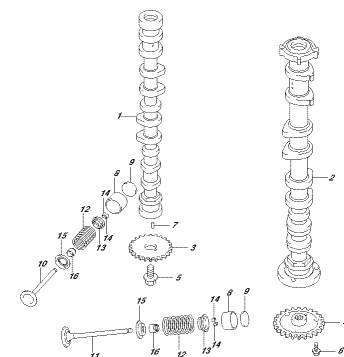
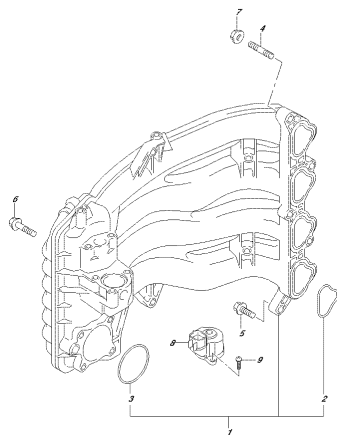
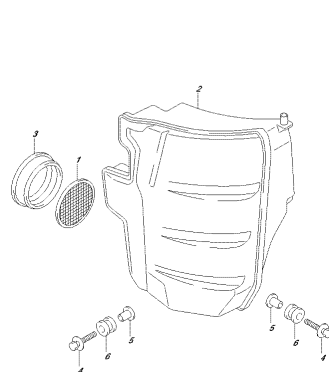
D:\F6M_E01_016_121C
CAMSHAFT

FIG.122A



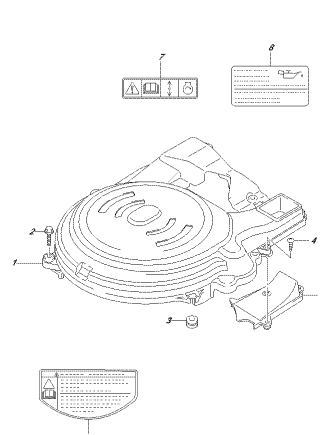
DF60A_E01L_016_122A
FUEL PUMP ASSEMBLY

FIG.134A



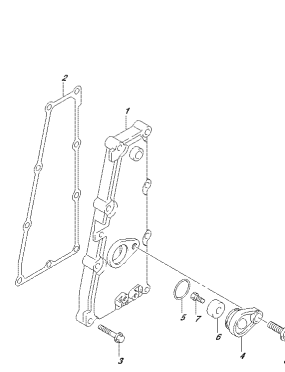
DF60A_E01L_016_134A
FUEL FILTER

FIG.136A



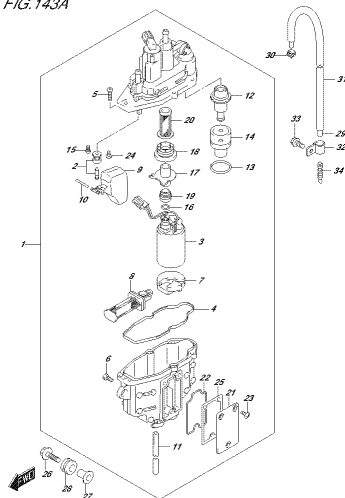
DF60A_E01L_016_136A
FUEL INJECTOR

FIG.140A



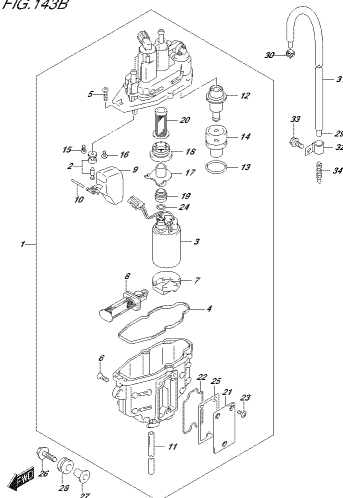
DF60A_E01L_016_140A
FUEL LINE

FIG.143A



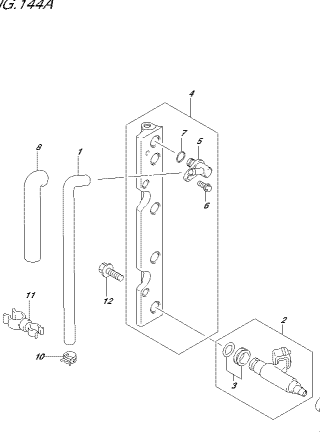
DF60A_E01L_016_143A
FUEL INJECTOR ASSEMBLY

FIG.143B



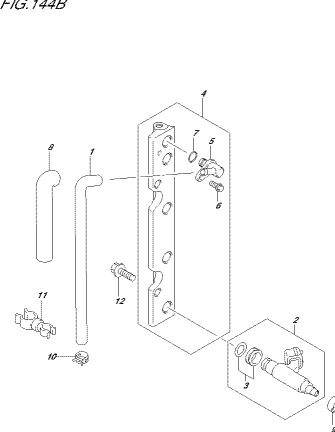
DF60A_E01L_016_143B
FUEL INJECTOR ASSEMBLY

FIG.144A



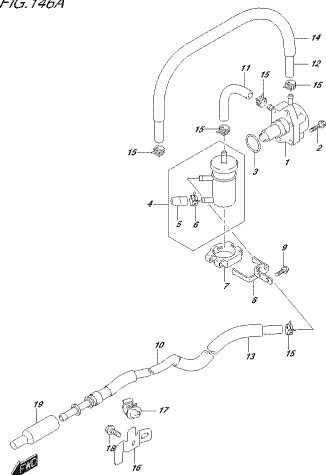
DF60A_E01L_016_144A
FUEL INJECTOR

FIG.144B



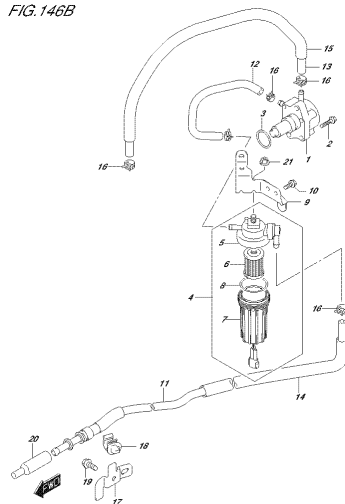
DF60A_E01L_016_144B
FUEL INJECTOR

FIG. 146A



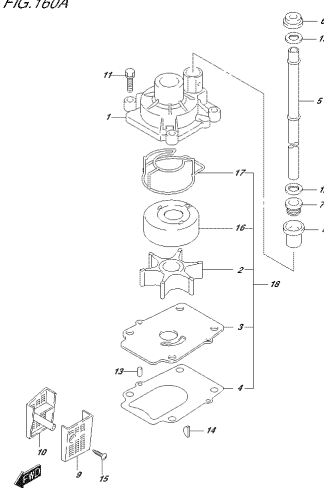
DS504_E01_016_146A
CUE: 0500

FIG. 146B



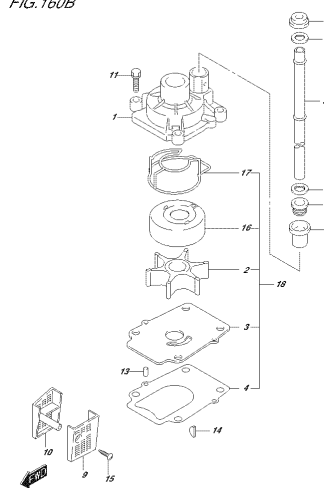
DS504_E01_016_146B
CUE: 0500

FIG. 160A



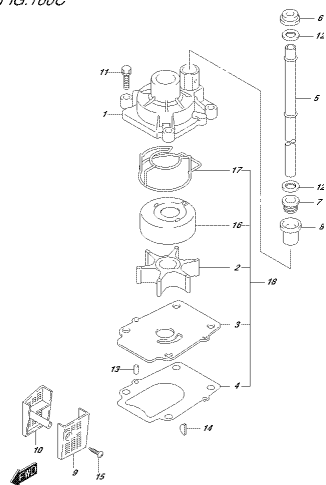
DS504_E01_016_160A
BAUER PUMP

FIG. 160B



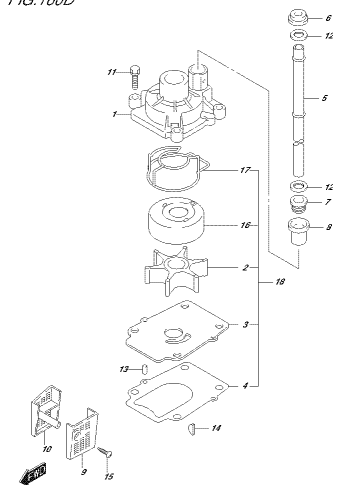
DS504_E01_016_160B
BAUER PUMP

FIG. 160C



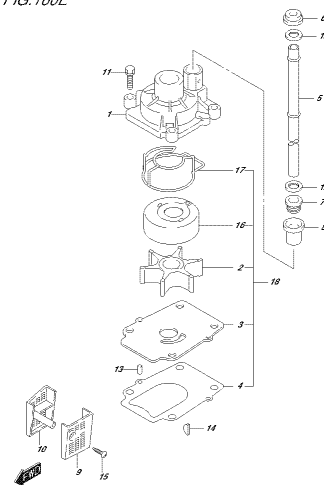
DS504_E01_016_160C
BAUER PUMP

FIG. 160D



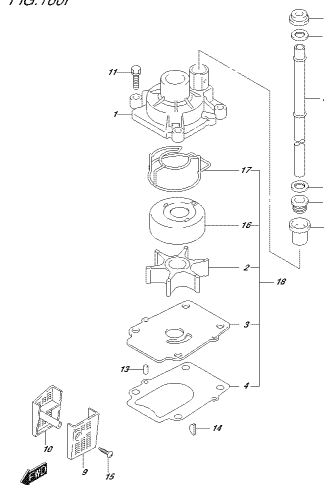
DS504_E01_016_160D
BAUER PUMP

FIG. 160E



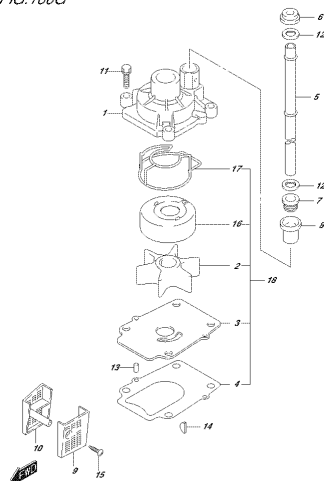
DS504_E01_016_160E
BAUER PUMP

FIG. 160F



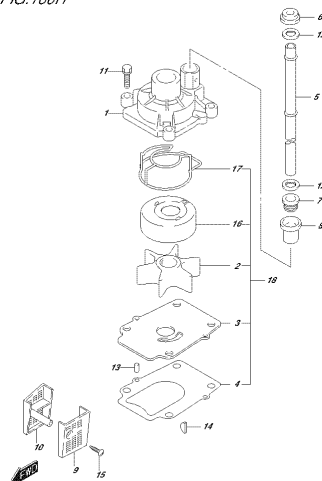
DS504_E01_016_160F
BAUER PUMP

FIG.160G



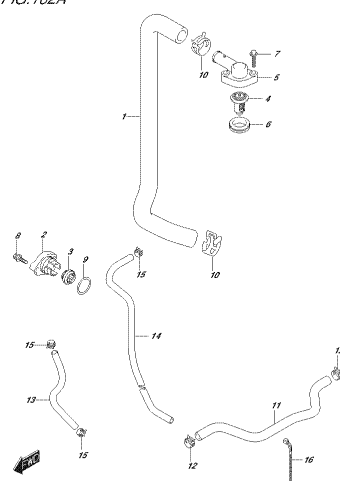
DF60A_E01_016_160G
FUEL PUMP

FIG.160H



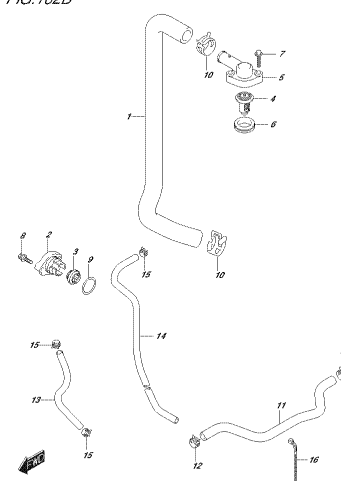
DF60A_E01_016_160H
FUEL PUMP

FIG.162A



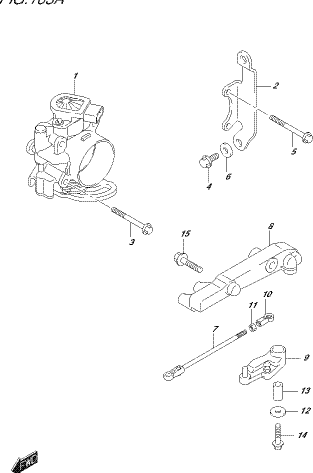
DF60A_E01_016_162A
FUEL PUMP

FIG.162B



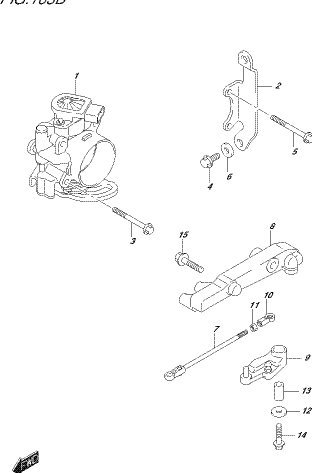
DF60A_E01_016_162B
FUEL PUMP

FIG.163A



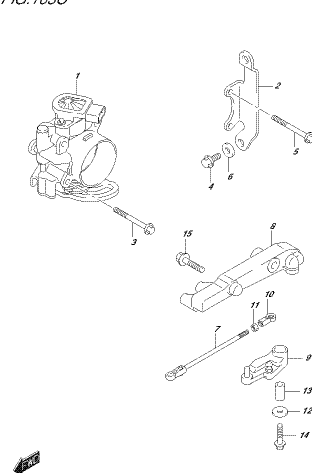
DF60A_E01_016_163A
THROTTLE BODY

FIG.163B



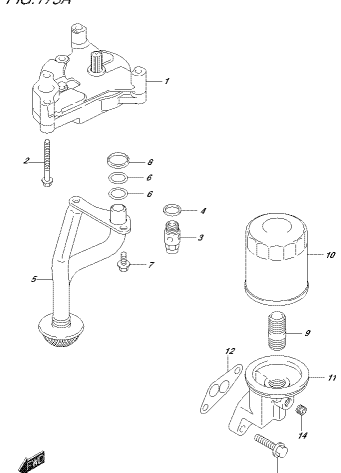
DF60A_E01_016_163B
THROTTLE BODY

FIG.163C



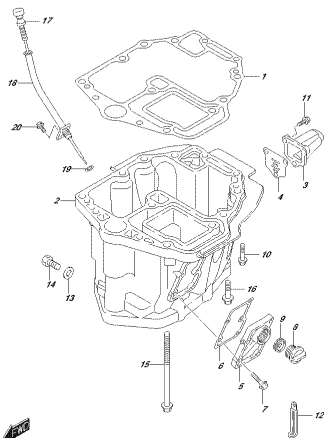
DF60A_E01_016_163C
THROTTLE BODY

FIG.175A



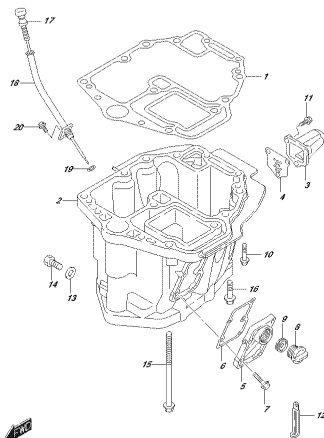
DF60A_E01_016_175A
OIL PUMP

FIG.180A



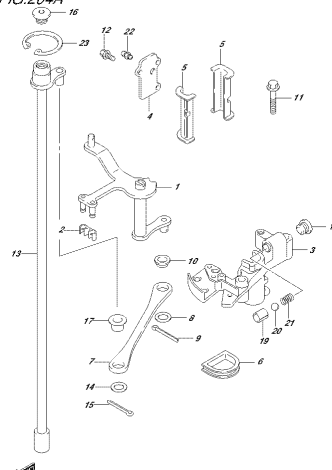
DF6M_E01_018_180A
CSE 24V5

FIG.180B



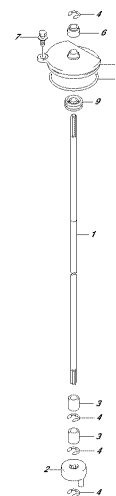
DF6M_E01_018_180B
CSE 24V5

FIG.204A



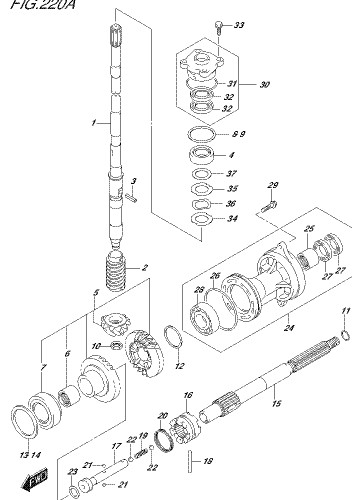
DF6M_E01_018_204A
GLITCH 250W7

FIG.206A



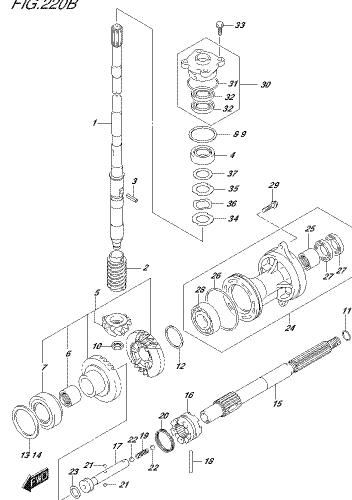
DF6M_E01_018_206A
GLITCH 1802

FIG.220A



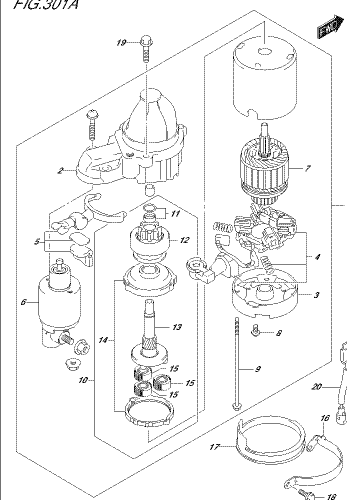
DF6M_E01_018_220A
TRANSMISSION

FIG.220B



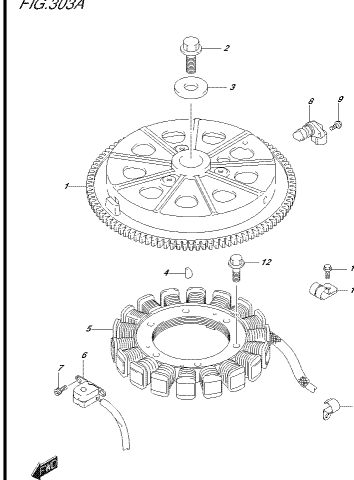
DF6M_E01_018_220B
TRANSMISSION

FIG.301A



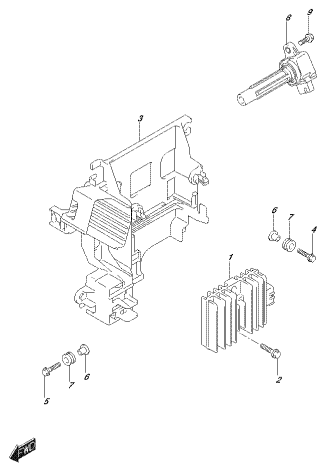
DF6M_E01_018_301A
STARTING MOTOR

FIG.303A



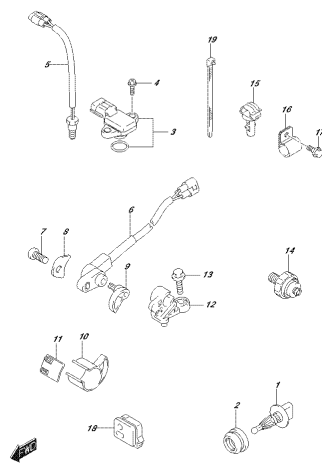
DF6M_E01_018_303A
MAGNETO

FIG.310A



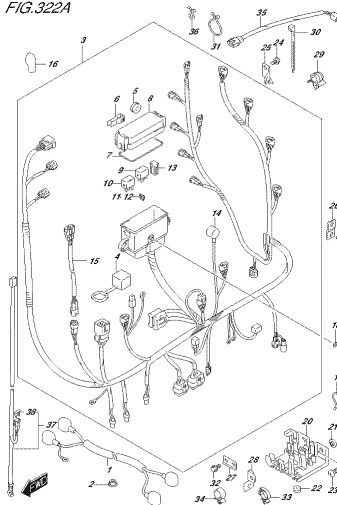
DF6M_E01_016_310A
SEC 20/08/2014 10:20:22

FIG.315A



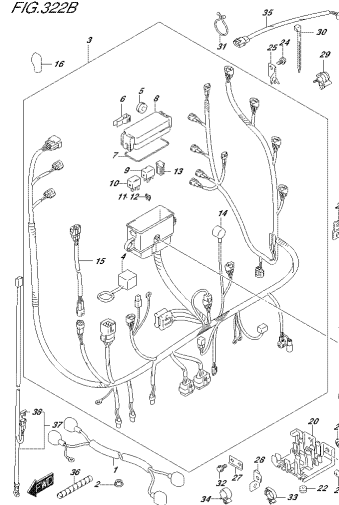
DF6M_E01_016_315A
05/03/2015

FIG.322A



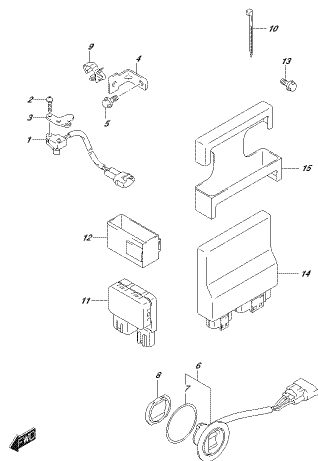
DF6M_E01_016_322A
04/06/2015

FIG.322B



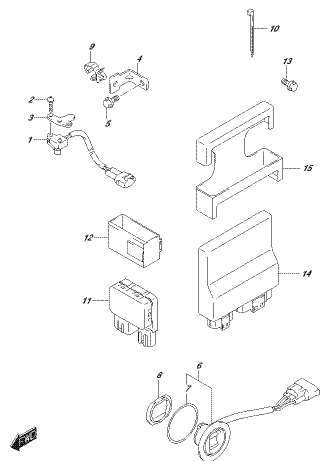
DF6M_E01_016_322B
04/06/2015

FIG.326A



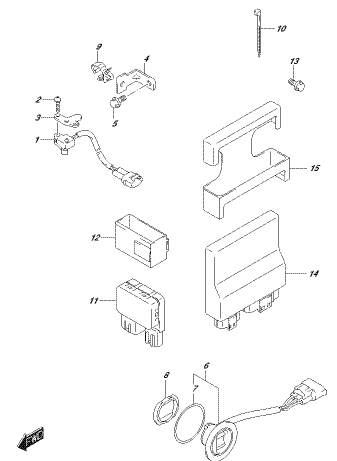
DF6M_E01_016_326A
PIT SWITCH-MOIRE CONTR. UNIT

FIG.326B



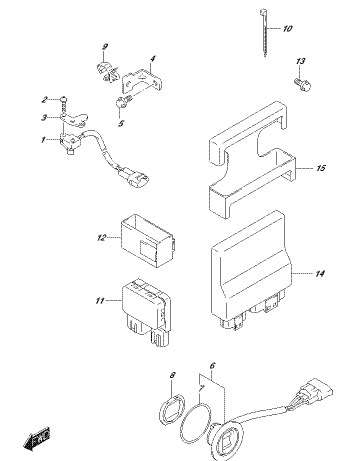
DF6M_E01_016_326B
PIT SWITCH-MOIRE CONTR. UNIT

FIG.326C



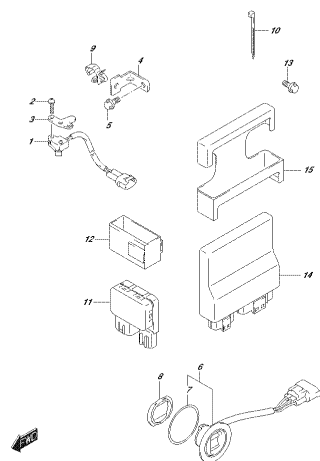
DF6M_E01_016_326C
PIT SWITCH-MOIRE CONTR. UNIT

FIG.326D



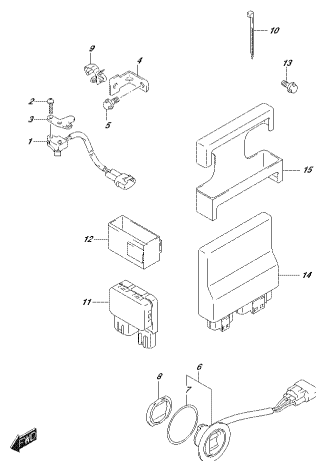
DF6M_E01_016_326D
PIT SWITCH-MOIRE CONTR. UNIT

FIG.326E



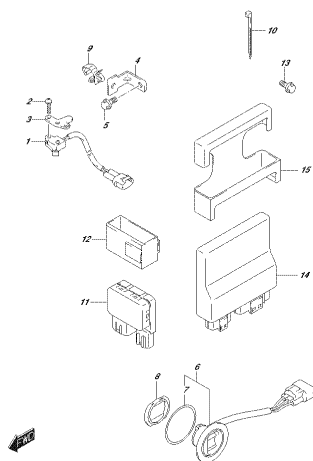
DF604_E01_016_326C
PTT SWITCH-ENGINE CONTROL UNIT

FIG.326F



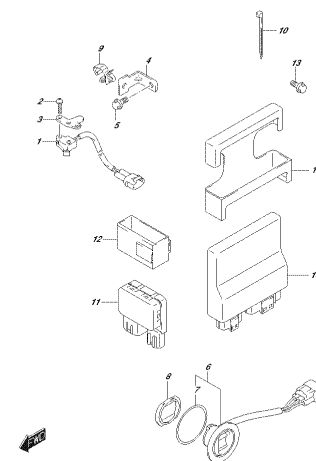
DF604_E01_016_326C
PTT SWITCH-ENGINE CONTROL UNIT

FIG.326G



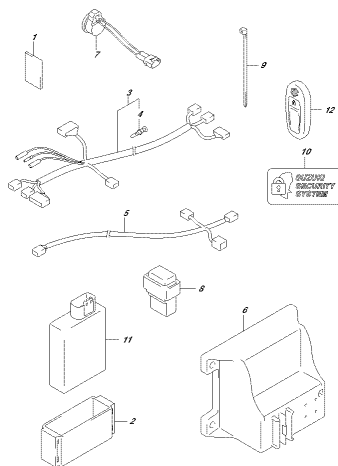
DF604_E01_016_326C
PTT SWITCH-ENGINE CONTROL UNIT

FIG.326H



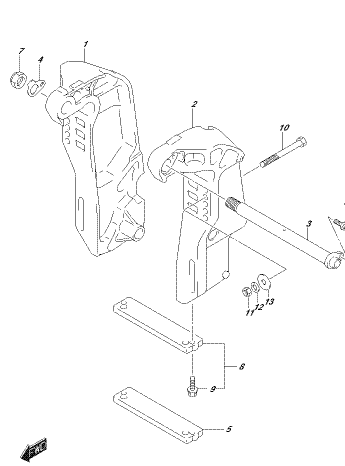
DF604_E01_016_326C
PTT SWITCH-ENGINE CONTROL UNIT

FIG.331A



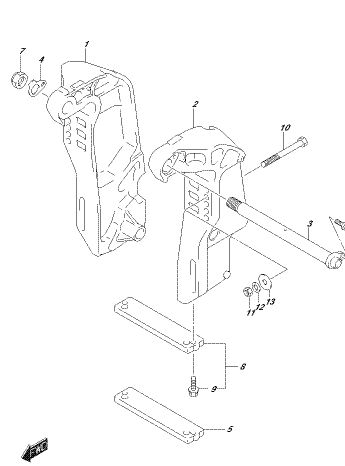
DF604_E01_016_331A
KEY-LESS-START

FIG.335A



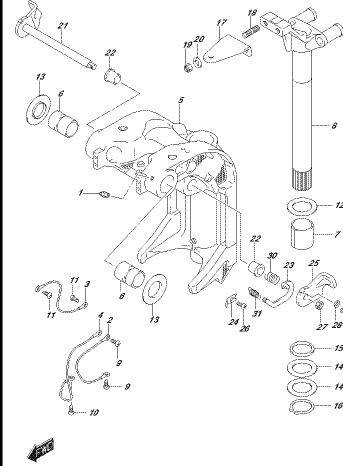
DF604_E01_016_335A
CLAMP-BRACKET

FIG.335B



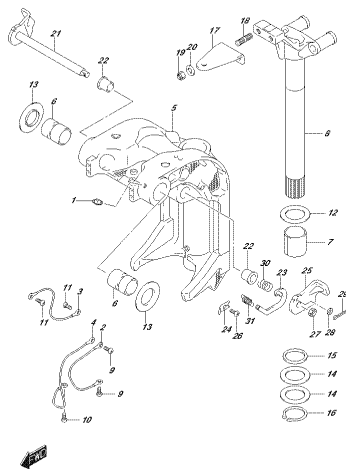
DF604_E01_016_335B
CLAMP-BRACKET

FIG.336A



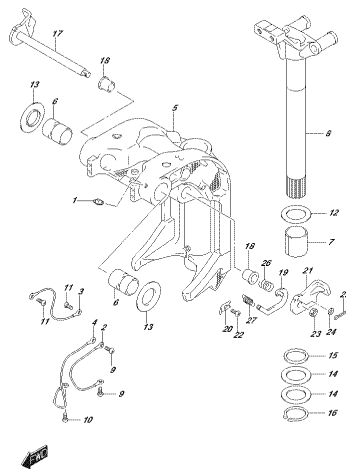
DF604_E01_016_336A
SWIRL-BRACKET

FIG.336B



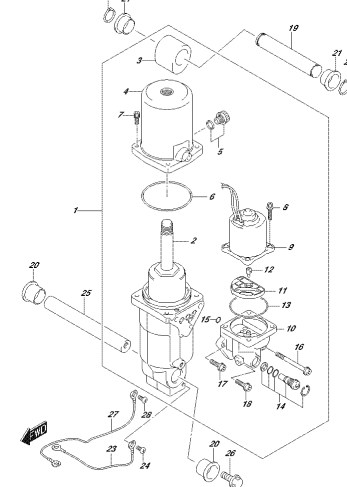
DF604_E01_016_336B
CYLINDER BRACKET

FIG.336C



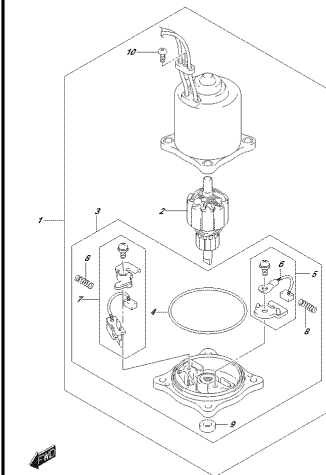
DF604_E01_016_336C
CYLINDER BRACKET

FIG.337A



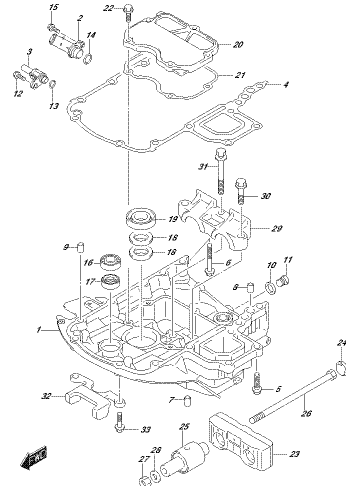
DF604_E01_016_337A
Piston/TURNER

FIG.340A



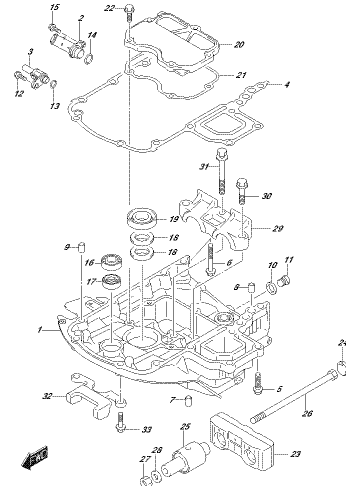
DF604_E01_016_340A
PIT 600322

FIG.401A



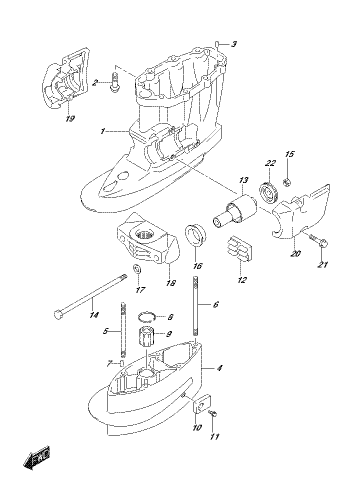
DF604_E01_016_401A
ENGINE HOLDER

FIG.401B



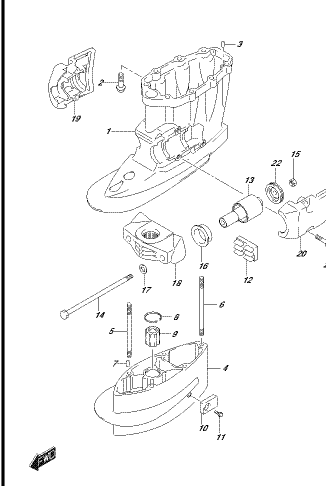
DF604_E01_016_401B
ENGINE HOLDER

FIG.405A



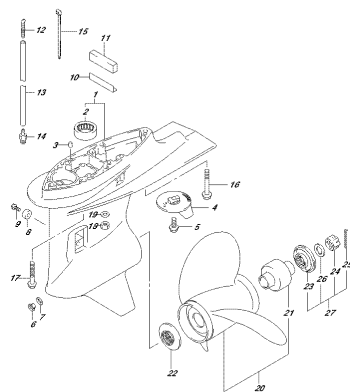
DF604_E01_016_405A
[D1015 SHAFT] HELDING

FIG.405B



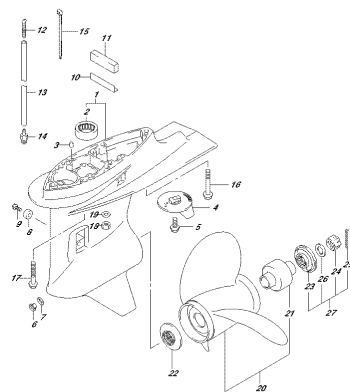
DF604_E01_016_405B
[D1015 SHAFT] HELDING

FIG.407A



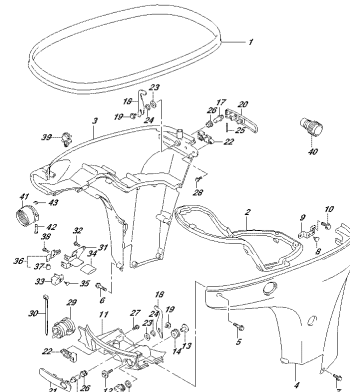
DFGMA_E01_016_407A
SEAFOOD

FIG.407B



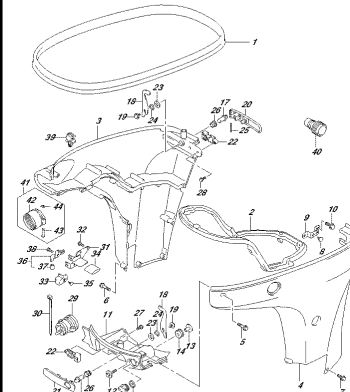
DFGMA_E01_016_407B
SEAFOOD

FIG.410A



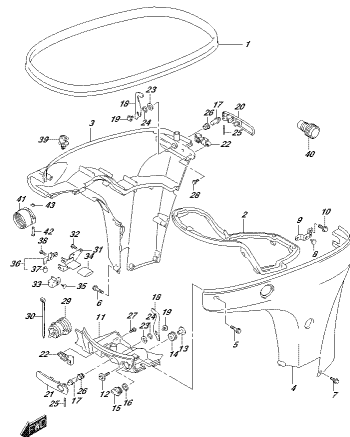
DFGMA_E01_016_410A
SEAFOOD

FIG.410B



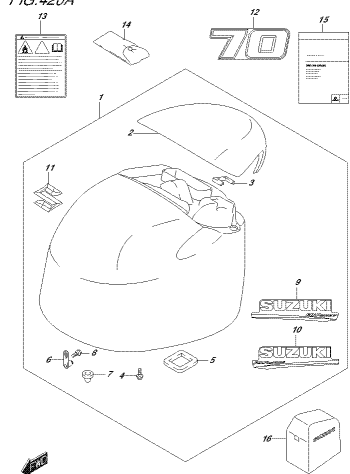
DFGMA_E01_016_410B
SEAFOOD

FIG.410C



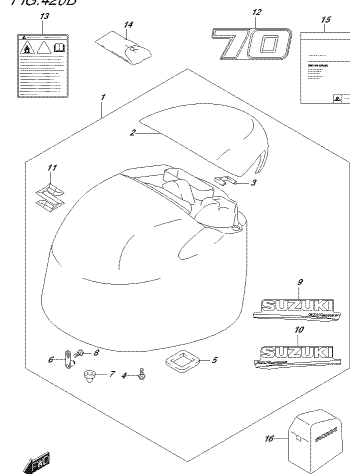
DFGMA_E01_016_410C
SEAFOOD

FIG.420A



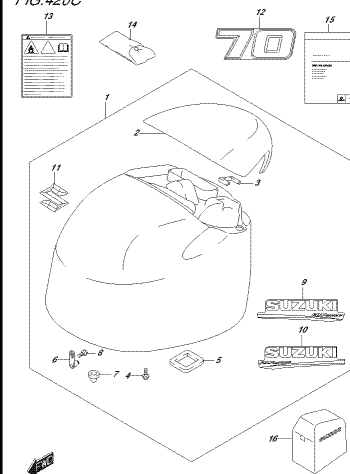
DFGMA_E01_016_420A
ENGINE COVER

FIG.420B



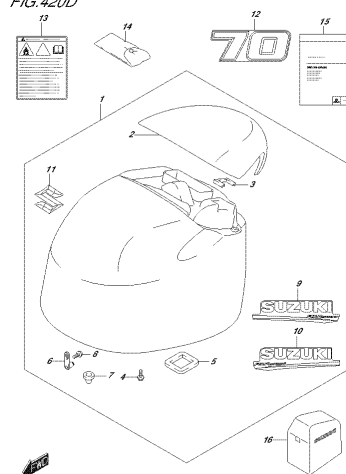
DFGMA_E01_016_420B
ENGINE COVER

FIG.420C



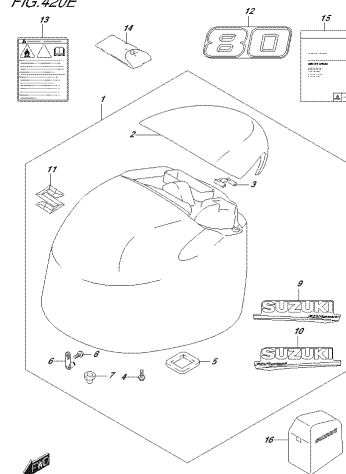
DFGMA_E01_016_420C
ENGINE COVER

FIG.420D



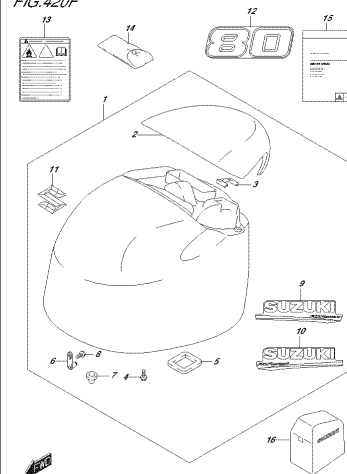
DF60A_E01_018_420D
ENGINE COVER

FIG.420E



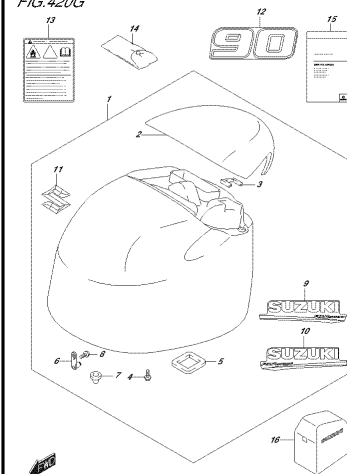
DF60A_E01_018_420E
ENGINE COVER

FIG.420F



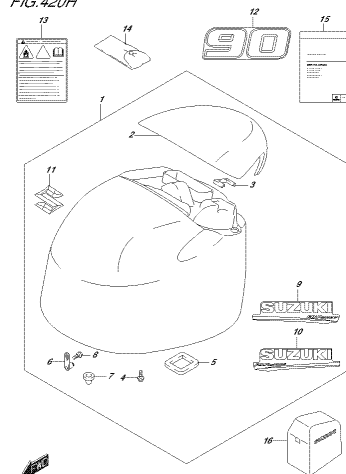
DF60A_E01_018_420F
ENGINE COVER

FIG.420G



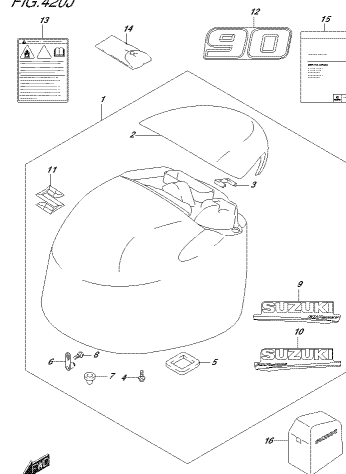
DF60A_E01_018_420G
ENGINE COVER

FIG.420H



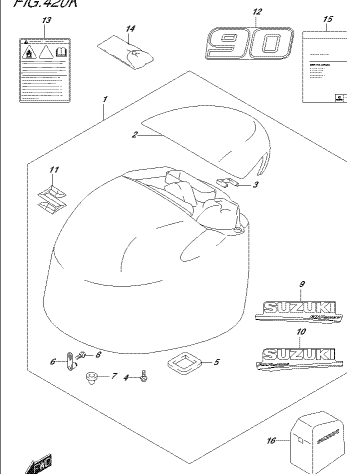
DF60A_E01_018_420H
ENGINE COVER

FIG.420J



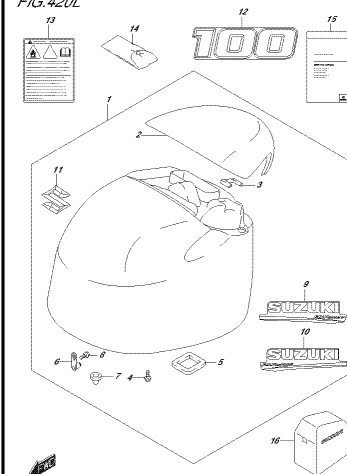
DF60A_E01_018_420J
ENGINE COVER

FIG.420K



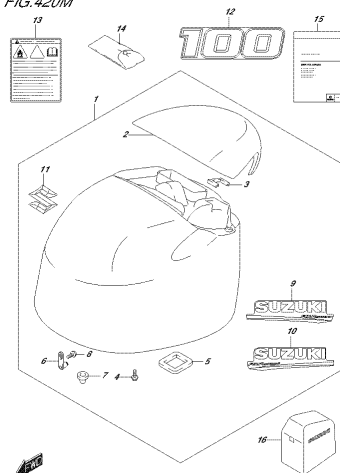
DF60A_E01_018_420K
ENGINE COVER

FIG.420L



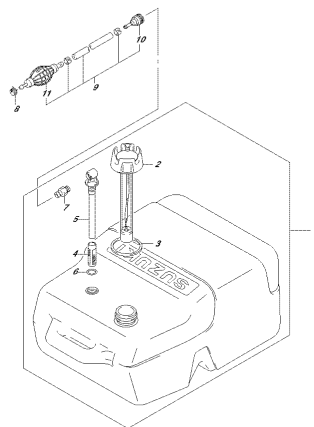
DF60A_E01_018_420L
ENGINE COVER

FIG.420M



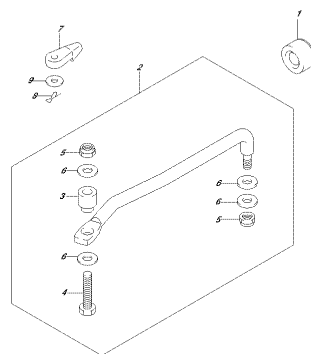
DF60A_E01_016_420M
ENGINE COVER

FIG.432A



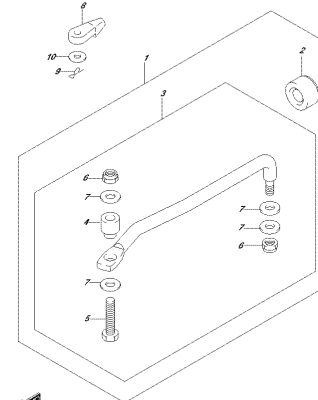
DF60A_E01_016_432A
FUEL TANK

FIG.442A



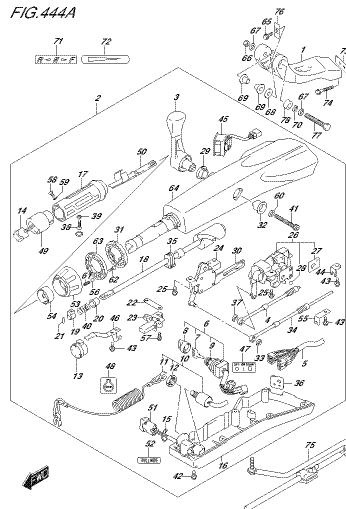
DF60A_E01_016_442A
FUEL TANK

FIG.442B



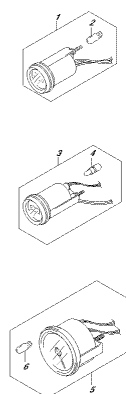
DF60A_E01_016_442B
FUEL TANK

FIG.444A



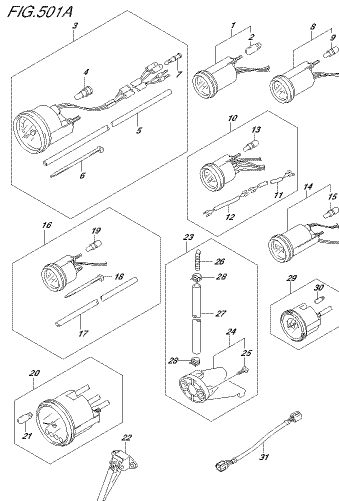
DF60A_E01_016_444A
FUEL TANK

FIG.460A



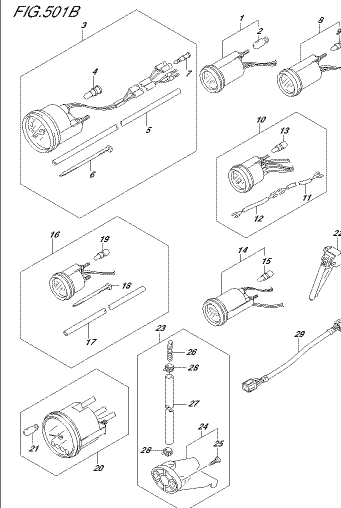
DF60A_E01_016_460A
FUEL TANK

FIG.501A



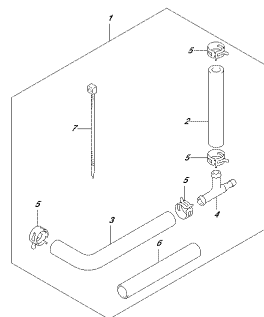
DF60A_E01_016_501A
OPT.METER

FIG.501B



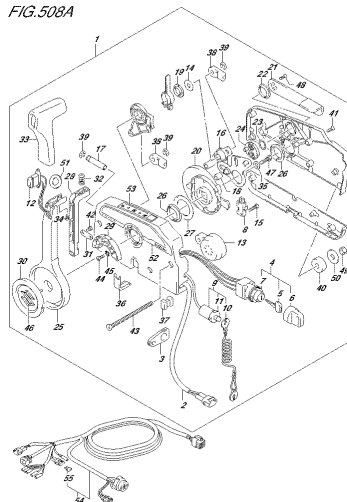
DF60A_E01_016_501B
OPT.METER

FIG.507A



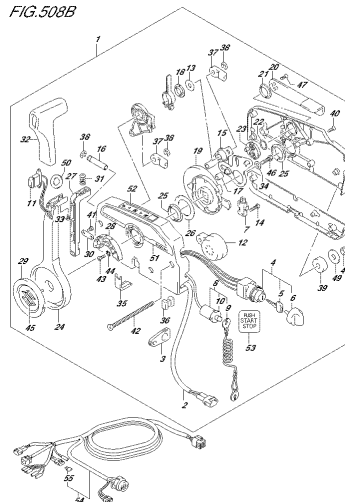
DF60A_E01_016_507A
OPT:WATER PRESSURE GAUGE & IS KIT

FIG.508A



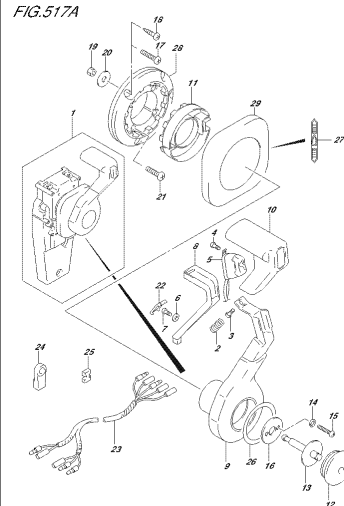
DF60A_E01_016_508A
OPT:REMOTE CONTROL

FIG.508B



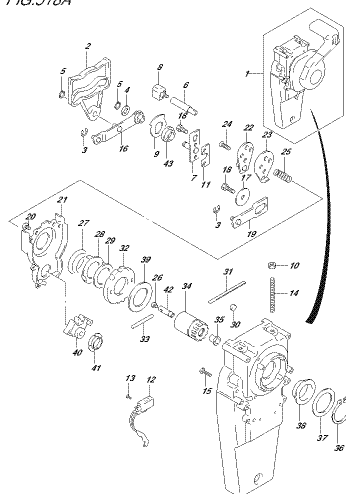
DF60A_E01_016_508B
OPT:REMOTE CONTROL

FIG.517A



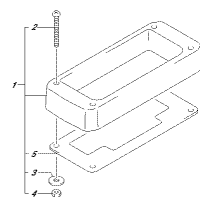
DF60A_E01_016_517A
OPT:CONCEALED REMOTE (1)

FIG.518A



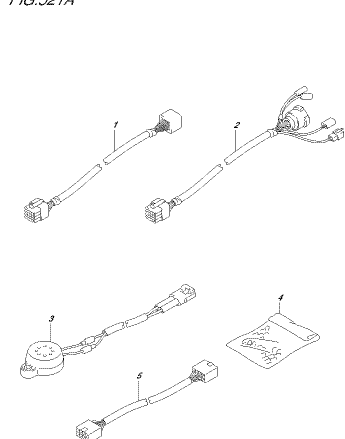
DF60A_E01_016_518A
OPT:CONCEALED REMOTE (2)

FIG.519A



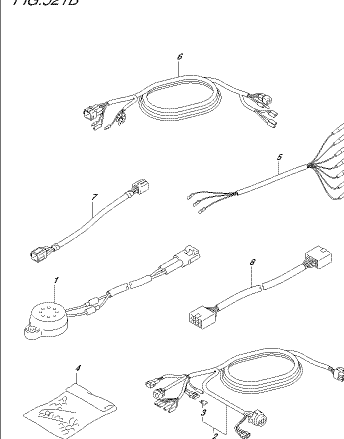
DF60A_E01_016_519A
OPT:REMOTE CONTROL SPACER

FIG.521A



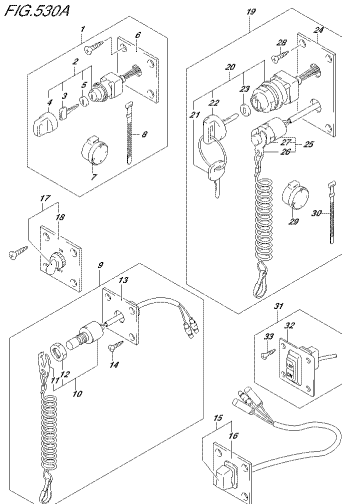
DF60A_E01_016_521A
OPT:HARNESS

FIG.521B



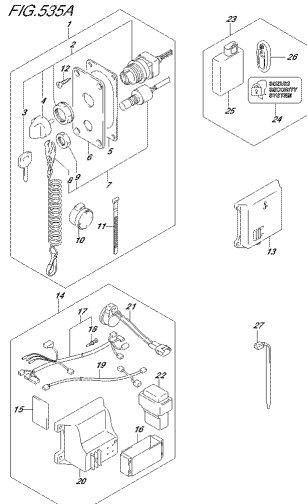
DF60A_E01_016_521B
OPT:HARNESS

FIG.530A



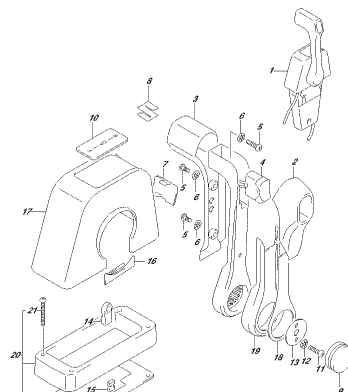
DF60A_E01_016_BSM
OPT. SWITCH

FIG.535A



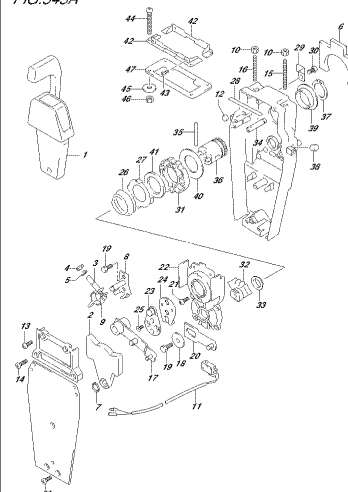
DF60A_E01_016_BSM
OPT. NOT USED (E0401)

FIG.544A



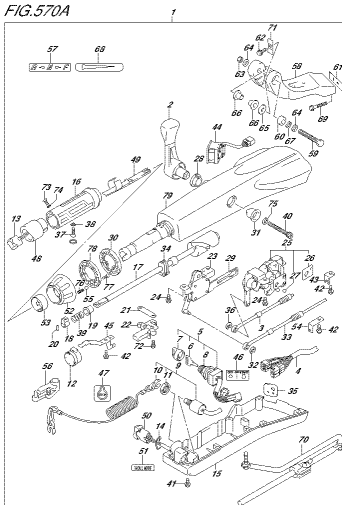
DF60A_E01_016_BSM
OPT. REMOTE CONTROL ASST. SINGLE (?)

FIG.545A



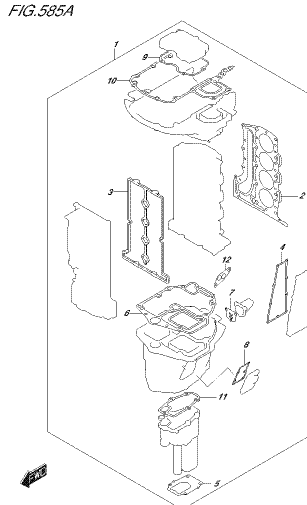
DF60A_E01_016_BSM
OPT. REMOTE CONTROL ASST. SINGLE (?)

FIG.570A



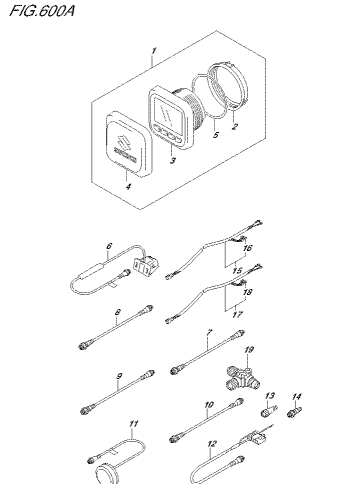
DF60A_E01_016_BSM
OPT. FILLER HANDLE

FIG.585A



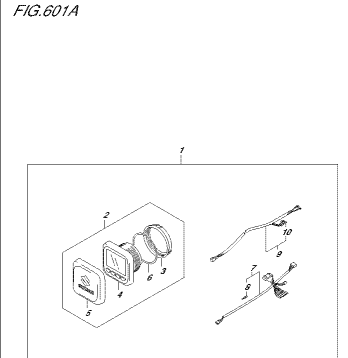
DF60A_E01_016_BSM
OPT. GAUGE T.S.T

FIG.600A



DF60A_E01_016_BSM
OPT. ALL TV FUNCTION GAUGE

FIG.601A



DF60A_E01_016_BSM
OPT. ALL TV FUNCTION GAUGE (?)

FIG. 602A

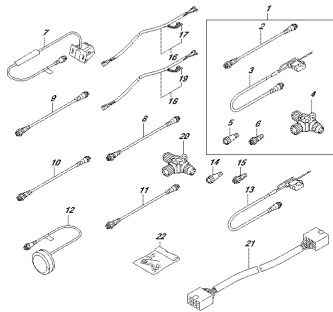


FIG. 602A
OPTICAL FUNCTION GAUGE (2)

FIG.111A

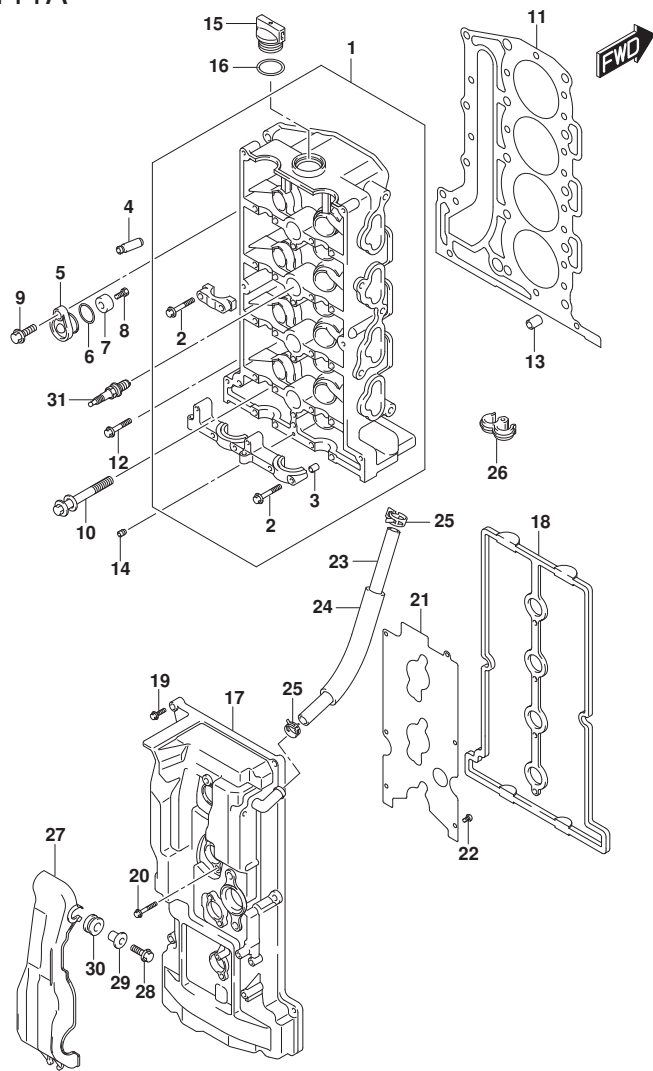


FIG.111A (1-B-2) CYLINDER HEAD (DF70A)(DF70ATH)(DF80A)(DF90A)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	11100-87L10	HEAD ASSY, CYLINDER	1	
2	09103-06266	.BOLT (6X40)	22	
3	09206-08001	.PIN (8X11)	18	
4	11115-73G01-001	GUIDE, VALVE (OS:0.5)	16	OPT
5	11261-93J00	COVER, PROTECTION ANODE	2	
6	09280-22019	O RING (D:1.9,ID:21.8)	2	
7	55321-87J01	ANODE, PROTECTION	2	
8	09103-06281	BOLT (6X14)	2	
9	01550-0820C	BOLT	2	
10	11117-89J00	BOLT, CYLINDER HEAD	10	
11	11141-87L00	GASKET, CYLINDER HEAD	1	
12	01550-08407	BOLT	5	
13	04211-13189	PIN	2	
14	11112-84400	PLUG, OIL VENTURI	1	
15	11382-93J00	CAP, OIL FILLER	1	
16	09280-26006	O RING (D:3.1,ID:26.4)	1	
17	11170-87L11	COVER, CYLINDER HEAD	1	
18	11189-87L00	GASKET, CYLINDER HEAD COVER	1	
19	01550-0625C	BOLT	8	
20	01550-0645C	BOLT	4	
21	11173-87L00	PLATE, BREATHER	1	

FIG.111A

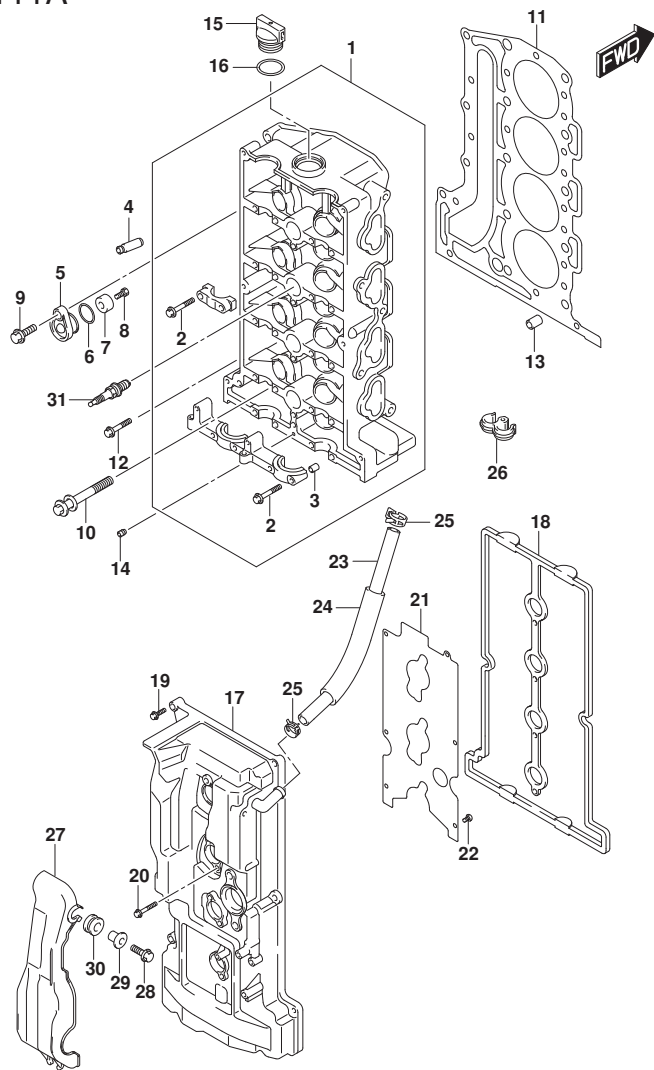


FIG.111A (1-B-3) CYLINDER HEAD (DF70A)(DF70ATH)(DF80A)(DF90A)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
22	02112-0612A	SCREW	6	
23	09355-11165-600	HOSE (11X16X600)	1	L:600->260
24	18498-95J00	PROTECTOR, BREATHER HOSE	1	
25	09401-15414	CLIP	2	
26	09408-00155	CLAMP	1	
27	11194-87L10	GUARD, FUEL HOSE	1	
28	01550-0620C	BOLT	2	
29	09169-06062	WASHER	2	
30	09320-09016	CUSHION	2	
31	09482-00446	SPARK PLUG (DCPR6E)	4	NGK

- DF70A E01
- DF70A E40
- DF70ATH E01
- DF70ATH E40
- DF80A E01
- DF80A E40
- DF90A E01
- DF90A E40
- DF90ATH E01
- DF90ATH E40

FIG.111B

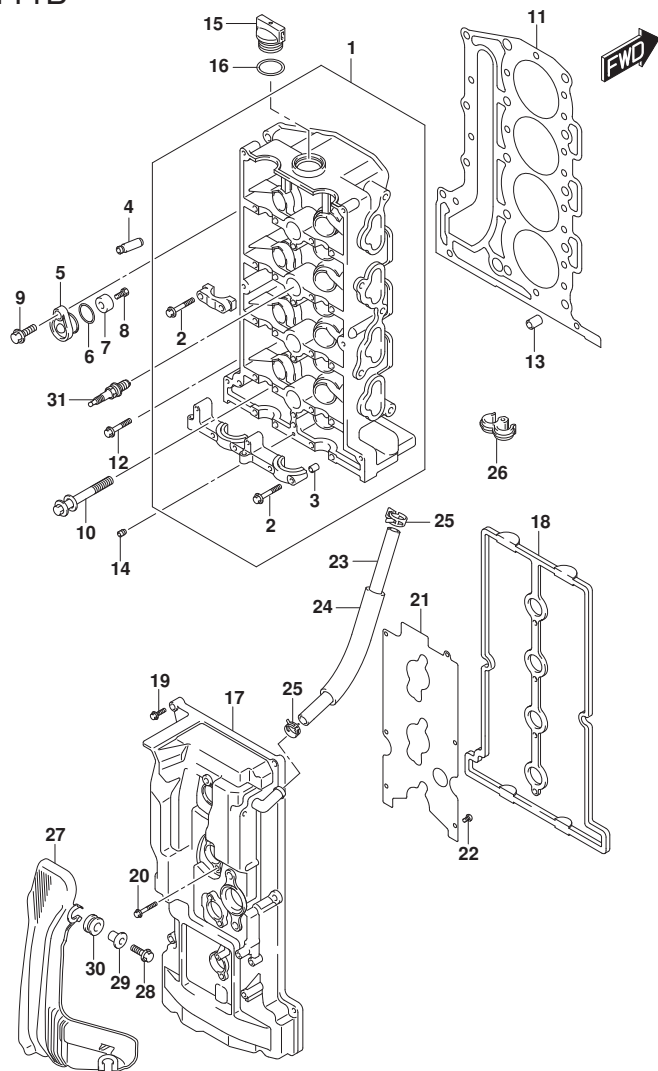


FIG.111B (1-B-4) CYLINDER HEAD (DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	11100-87L10	HEAD ASSY, CYLINDER	1	
2	09103-06266	.BOLT (6X40)	22	
3	09206-08001	.PIN (8X11)	18	
4	11115-73G01-001	GUIDE, VALVE (OS:0.5)	16	OPT
5	11261-93J00	COVER, PROTECTION ANODE	2	
6	09280-22019	O RING (D:1.9,ID:21.8)	2	
7	55321-87J01	ANODE, PROTECTION	2	
8	09103-06281	BOLT (6X14)	2	
9	01550-0820C	BOLT	2	
10	11117-89J00	BOLT, CYLINDER HEAD	10	
11	11141-87L00	GASKET, CYLINDER HEAD	1	
12	01550-08407	BOLT	5	
13	04211-13189	PIN	2	
14	11112-84400	PLUG, OIL VENTURI	1	
15	11382-93J00	CAP, OIL FILLER	1	
16	09280-26006	O RING (D:3.1,ID:26.4)	1	
17	11170-87L11	COVER, CYLINDER HEAD	1	
18	11189-87L00	GASKET, CYLINDER HEAD COVER	1	
19	01550-0625C	BOLT	8	
20	01550-0645C	BOLT	4	
21	11173-87L00	PLATE, BREATHER	1	
22	02112-0612A	SCREW	6	
23	09355-11165-600	HOSE (11X16X600)	1	L:600->260
24	18498-95J00	PROTECTOR, BREATHER HOSE	1	
25	09401-15414	CLIP	2	
26	09408-00155	CLAMP	1	
27	11194-87L20	GUARD, FUEL HOSE	1	
28	01550-0620C	BOLT	3	
29	09169-06062	WASHER	3	
30	09320-09016	CUSHION	3	
31	09482-00446	SPARK PLUG (DCPR6E)	4	NGK

DF100B E01
DF100B E40

FIG.113A

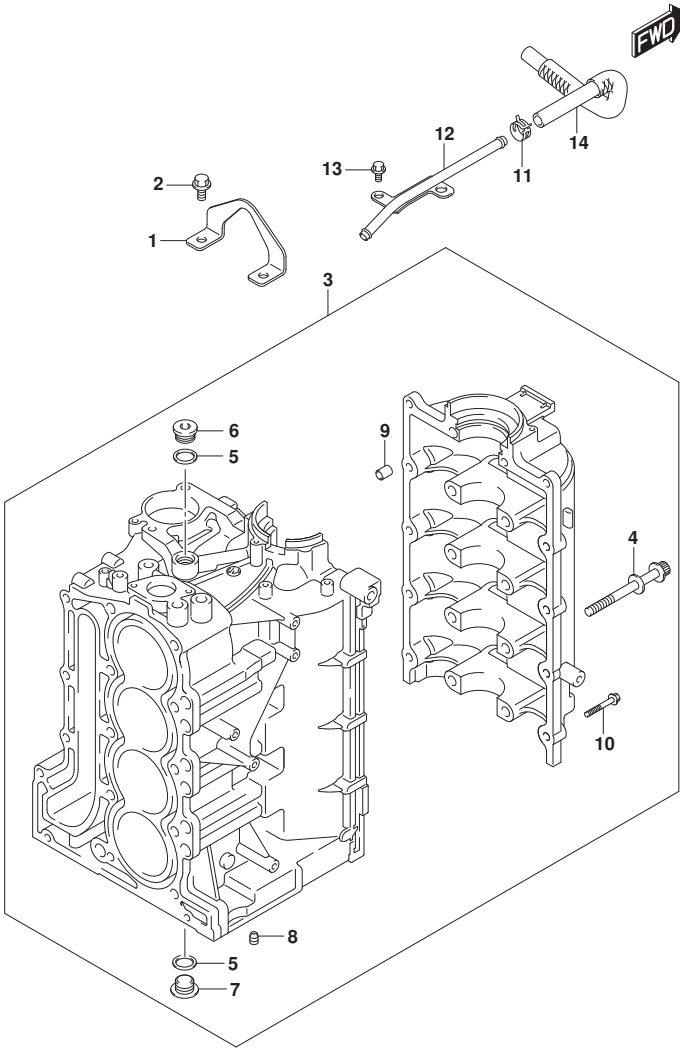


FIG.113A (1-B-5) CYLINDER BLOCK

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	11291-87L00	HOOK, ENGINE	1	
2	01550-0820C	BOLT	2	
3	11300-87L11	BLOCK ASSY, CYLINDER	1	
4	11117-90J10	BOLT, CRANKCASE	10	
5	11216-77E00	GASKET, OIL GALLERY PLUG	3	
6	09248-18011	PLUG (18X8)	1	
7	09248-18014	PLUG (18X8)	2	
8	11118-98J01	PLUG, WATER	1	
9	09206-13019	PIN (10.4X13X16)	5	
10	01550-08407	BOLT	10	
11	09401-15414	CLIP	1	
12	11223-87L00	PIPE, BREATHER	1	
13	01550-0612C	BOLT	2	
14	11224-87L00	HOSE, BREATHER NO.2	1	

FIG.116A

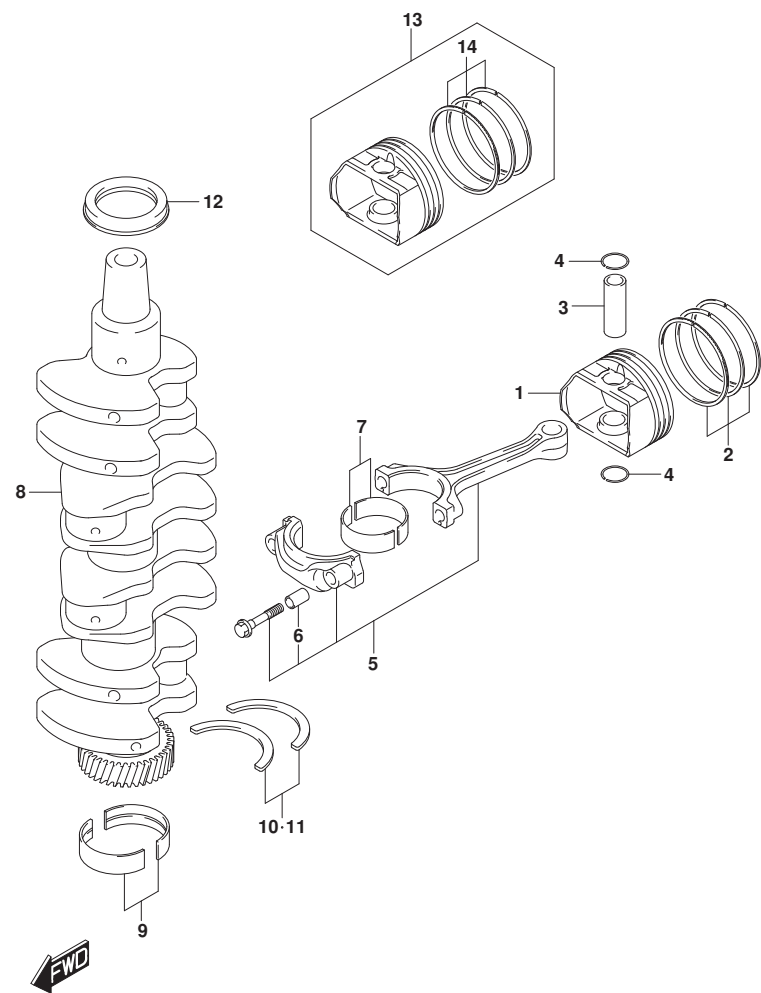


FIG.116A (1-B-6) CRANKSHAFT

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	12111-87L00	PISTON	4	
2	12140-87L01	RING SET, PISTON	4	
3	12151-54A50	PIN, PISTON	4	
4	09381-18002	CIRCLIP	8	
5	12160-87L10	CONNROD ASSY	4	
6	04221-04089	.PIN	8	
7-1	12100-69830-0A0	BEARING SET, CONNROD	4	GREEN
7-2	12100-69830-0B0	BEARING SET, CONNROD	4	BLACK
7-3	12100-69830-0C0	BEARING SET, CONNROD	4	NON
7-4	12100-69830-0D0	BEARING SET, CONNROD	4	YELLOW
7-5	12100-69830-0E0	BEARING SET, CONNROD	4	BLUE
7-6	12100-69830-025	BEARING SET, CONNROD (US:0.25)	4	OPT
8	12220-87L00	CRANKSHAFT	1	
9-1	12340-57K02-0C0	BEARING SET, CRANKSHAFT	5	GREEN
9-2	12340-57K02-0D0	BEARING SET, CRANKSHAFT	5	BLACK
9-3	12340-57K02-0E0	BEARING SET, CRANKSHAFT	5	NON
9-4	12340-57K02-0A0	BEARING SET, CRANKSHAFT	5	PURPLE
9-5	12340-57K02-0B0	BEARING SET, CRANKSHAFT	5	BROWN
9-6	12300-57820-0AA	BEARING SET, CRANKSHAFT (RED/PURPLE) (US:0.25)	5	OPT
9-7	12300-57820-0BA	BEARING SET, CRANKSHAFT (RED/BROWN) (US:0.25)	5	OPT
9-8	12300-57820-0CA	BEARING SET, CRANKSHAFT (RED/GREEN) (US:0.25)	5	OPT
9-9	12300-57820-0DA	BEARING SET, CRANKSHAFT (RED/BLACK) (US:0.25)	5	OPT
9-10	12300-57820-0EA	BEARING SET, CRANKSHAFT (RED) (US:0.25)	5	OPT
10	12300-78890	BEARING SET, CRANK THRUST	1	
11	12300-78890-012	BEARING SET, CRANK THRUST (OS:0.125)	1	OPT
12	09283-52006	OIL SEAL (52X70X10)	1	
13	12100-87L01-050	PISTON SET (OS:0.50)	4	OPT
14	12140-87L01-050	.RING SET, PISTON (OS:0.50)	4	OPT

FIG.119A

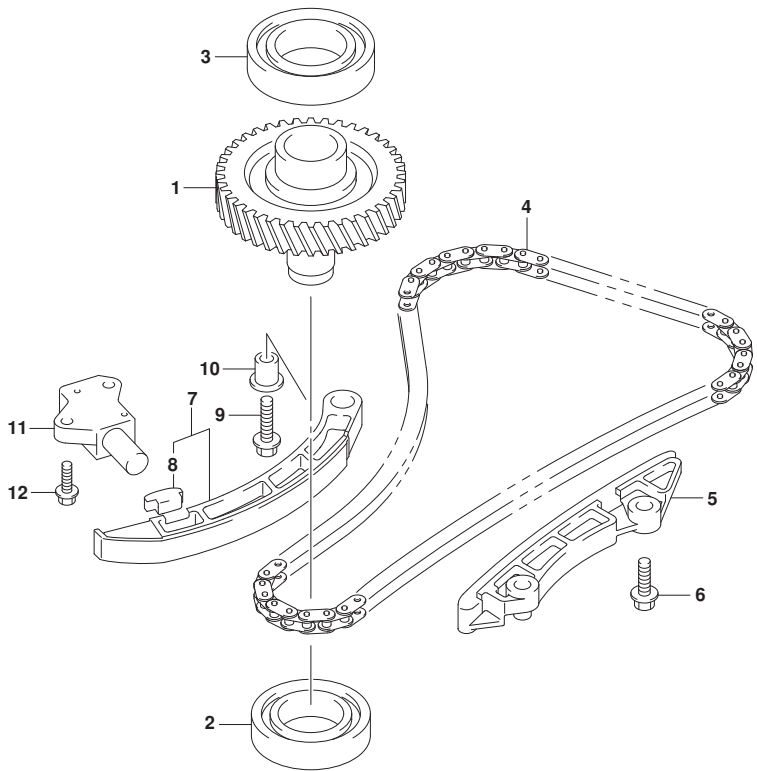


FIG.119A (1-B-7) TIMING CHAIN

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	12730-87L00	GEAR, DRIVEN (NT:36)	1	
2	09262-32008	BEARING (32X58X13)	1	
3	09262-35070	BEARING (35X62X14)	1	
4	12761-87L00	CHAIN, TIMING	1	
5	12771-87L00	GUIDE, TIMING CHAIN	1	
6	01550-0825A	BOLT	2	
7	12810-87L00	TENSIONER ASSY, TIMING CHAIN	1	
8	12813-73G00	.PAD, TIMING CHAIN TENSIONER	1	
9	01550-0835A	BOLT	1	
10	12812-90J00	SPACER, TIMING CHAIN TENSIONER	1	
11	12831-93J01	ADJUSTER ASSY, TENSIONER	1	
12	01550-0620A	BOLT	2	



FIG.121A (1-B-8) CAMSHAFT (DF70A)(DF70ATH)



DF90A_E01_018_121A
CAMSHAFT

FIG.121A

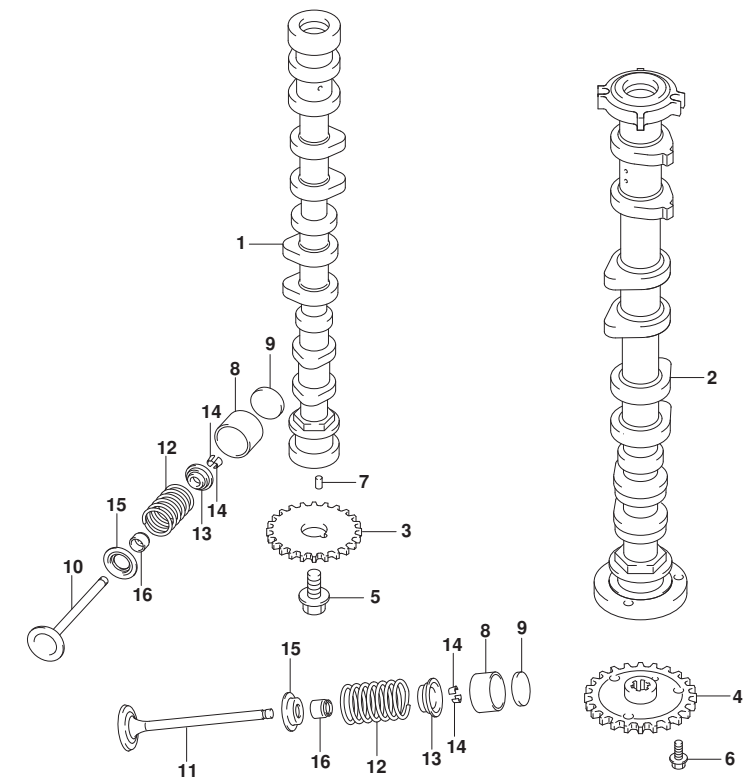


FIG.121A (1-B-9) CAMSHAFT (DF70A)(DF70ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
9-19	12892-69J00-264	SHIM, TAPPET (T:2.64)	16	
9-20	12892-69J00-266	SHIM, TAPPET (T:2.66)	16	
9-21	12892-69J00-268	SHIM, TAPPET (T:2.68)	16	
9-22	12892-69J00-270	SHIM, TAPPET (T:2.70)	16	
9-23	12892-69J00-272	SHIM, TAPPET (T:2.72)	16	
10	12911-87L00	VALVE, INTAKE	8	
11	12915-87L50	VALVE, EXHAUST	8	
12	12921-87J11	SPRING, VALVE	16	
13	12931-78G00	RETAINER, VALVE SPRING	16	
14	12932-24400	COTTER, VALVE	32	
15	12933-51E00	SEAT, VALVE SPRING	16	
16	09289-05012	OIL SEAL (5.5X11.5X9.3)	16	

DF70A E01
DF70A E40
DF70ATH E01
DF70ATH E40



FIG.121B

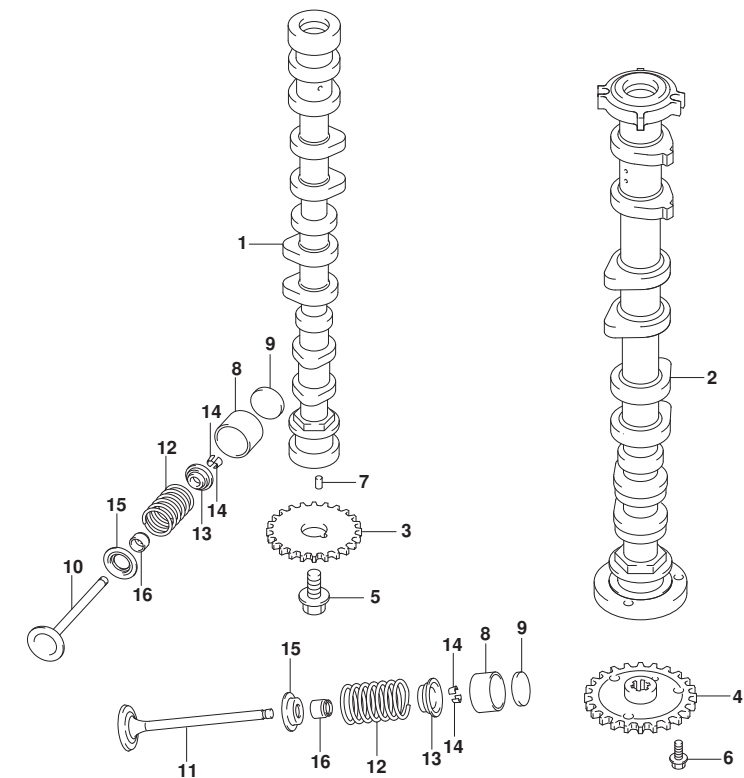


FIG.121B (1-B-10) CAMSHAFT (DF80A)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	12701-87L00	CAMSHAFT, INTAKE	1	
2	12705-87L00	CAMSHAFT, EXHAUST	1	
3	12741-90J01	SPROCKET, CAMSHAFT TIMING (NT:29)	1	
4	12748-87L00	SPROCKET, EXH CAMSHAFT (NT:29)	1	
5	12749-93J00	BOLT, CAMSHAFT	1	
6	01550-0612A	BOLT	3	
7	04221-05109	PIN	2	
8	12891-69J00	TAPPET	16	
9-1	12892-69J00-228	SHIM, TAPPET (T:2.28)	16	
9-2	12892-69J00-230	SHIM, TAPPET (T:2.30)	16	
9-3	12892-69J00-232	SHIM, TAPPET (T:2.32)	16	
9-4	12892-69J00-234	SHIM, TAPPET (T:2.34)	16	
9-5	12892-69J00-236	SHIM, TAPPET (T:2.36)	16	
9-6	12892-69J00-238	SHIM, TAPPET (T:2.38)	16	
9-7	12892-69J00-240	SHIM, TAPPET (T:2.40)	16	
9-8	12892-69J00-242	SHIM, TAPPET (T:2.42)	16	
9-9	12892-69J00-244	SHIM, TAPPET (T:2.44)	16	
9-10	12892-69J00-246	SHIM, TAPPET (T:2.46)	16	
9-11	12892-69J00-248	SHIM, TAPPET (T:2.48)	16	
9-12	12892-69J00-250	SHIM, TAPPET (T:2.50)	16	
9-13	12892-69J00-252	SHIM, TAPPET (T:2.52)	16	
9-14	12892-69J00-254	SHIM, TAPPET (T:2.54)	16	
9-15	12892-69J00-256	SHIM, TAPPET (T:2.56)	16	
9-16	12892-69J00-258	SHIM, TAPPET (T:2.58)	16	
9-17	12892-69J00-260	SHIM, TAPPET (T:2.60)	16	
9-18	12892-69J00-262	SHIM, TAPPET (T:2.62)	16	
9-19	12892-69J00-264	SHIM, TAPPET (T:2.64)	16	
9-20	12892-69J00-266	SHIM, TAPPET (T:2.66)	16	



FIG.121B

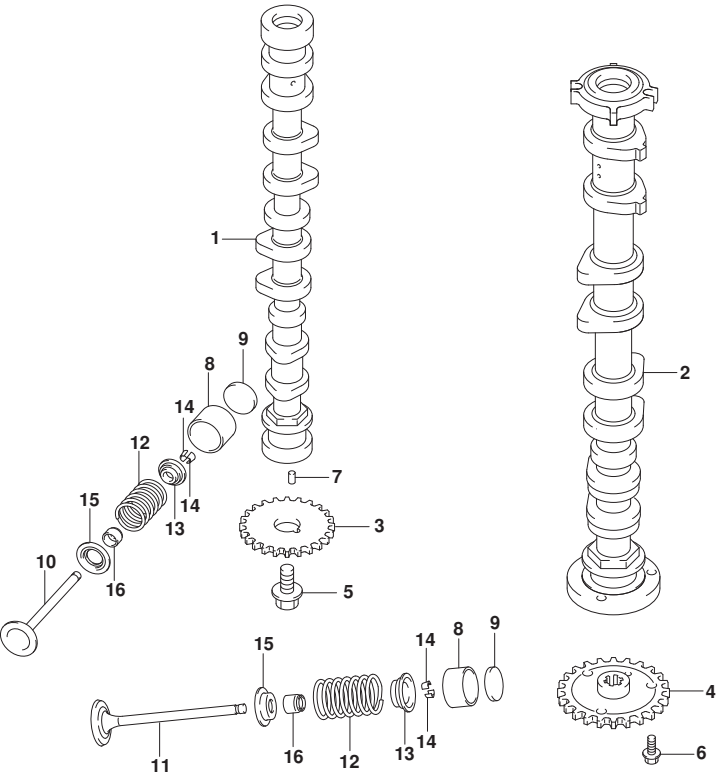


FIG.121B (1-B-11) CAMSHAFT (DF80A)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
9-21	12892-69J00-268	SHIM, TAPPET (T:2.68)	16	
9-22	12892-69J00-270	SHIM, TAPPET (T:2.70)	16	
9-23	12892-69J00-272	SHIM, TAPPET (T:2.72)	16	
10	12911-87L00	VALVE, INTAKE	8	
11	12915-87L50	VALVE, EXHAUST	8	
12	12921-87J11	SPRING, VALVE	16	
13	12931-78G00	RETAINER, VALVE SPRING	16	
14	12932-24400	COTTER, VALVE	32	
15	12933-51E00	SEAT, VALVE SPRING	16	
16	09289-05012	OIL SEAL (5.5X11.5X9.3)	16	

DF80A E01
DF80A E40



FIG.121C

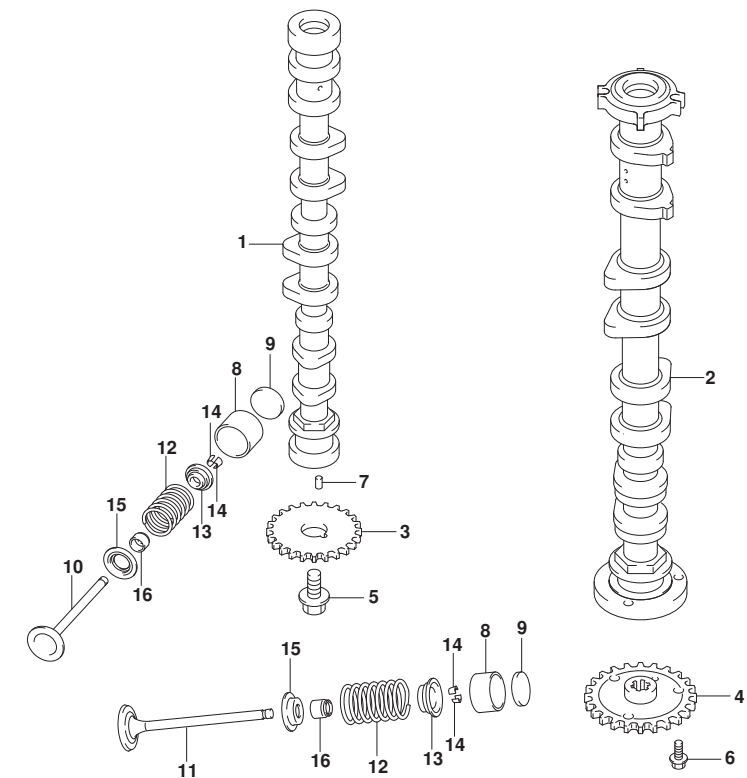


FIG.121C (1-B-12) CAMSHAFT (DF90A)(DF90ATH)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	12701-87L10	CAMSHAFT, INTAKE	1	
2	12705-87L10	CAMSHAFT, EXHAUST	1	
3	12741-90J01	SPROCKET, CAMSHAFT TIMING (NT:29)	1	
4	12748-87L00	SPROCKET, EXH CAMSHAFT (NT:29)	1	
5	12749-93J00	BOLT, CAMSHAFT	1	
6	01550-0612A	BOLT	3	
7	04221-05109	PIN	2	
8	12891-69J00	TAPPET	16	
9-1	12892-69J00-228	SHIM, TAPPET (T:2.28)	16	
9-2	12892-69J00-230	SHIM, TAPPET (T:2.30)	16	
9-3	12892-69J00-232	SHIM, TAPPET (T:2.32)	16	
9-4	12892-69J00-234	SHIM, TAPPET (T:2.34)	16	
9-5	12892-69J00-236	SHIM, TAPPET (T:2.36)	16	
9-6	12892-69J00-238	SHIM, TAPPET (T:2.38)	16	
9-7	12892-69J00-240	SHIM, TAPPET (T:2.40)	16	
9-8	12892-69J00-242	SHIM, TAPPET (T:2.42)	16	
9-9	12892-69J00-244	SHIM, TAPPET (T:2.44)	16	
9-10	12892-69J00-246	SHIM, TAPPET (T:2.46)	16	
9-11	12892-69J00-248	SHIM, TAPPET (T:2.48)	16	
9-12	12892-69J00-250	SHIM, TAPPET (T:2.50)	16	
9-13	12892-69J00-252	SHIM, TAPPET (T:2.52)	16	
9-14	12892-69J00-254	SHIM, TAPPET (T:2.54)	16	
9-15	12892-69J00-256	SHIM, TAPPET (T:2.56)	16	
9-16	12892-69J00-258	SHIM, TAPPET (T:2.58)	16	



FIG.121C

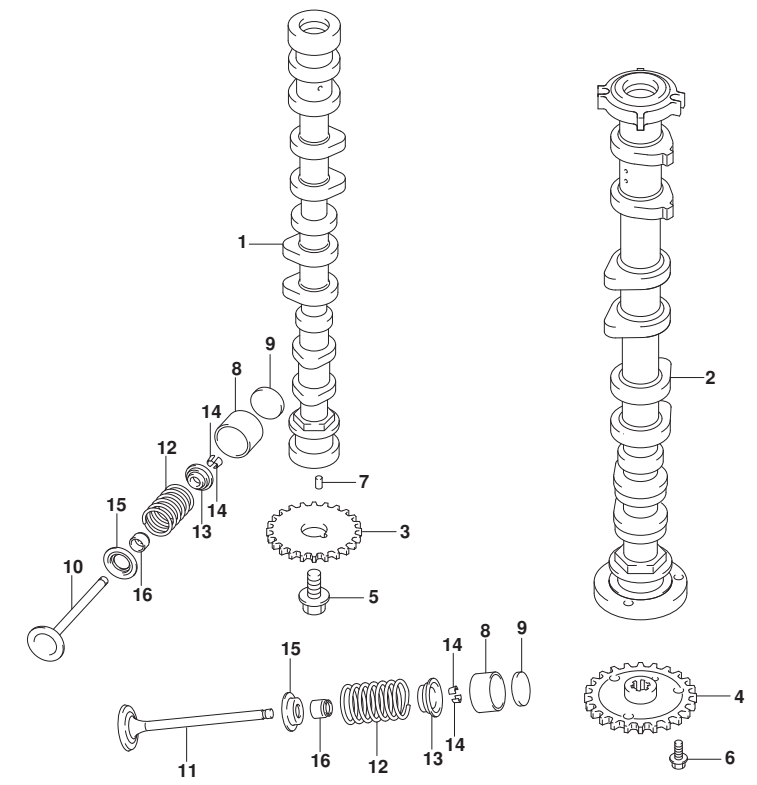


FIG.121C (1-B-13) CAMSHAFT (DF90A)(DF90ATH)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
9-17	12892-69J00-260	SHIM, TAPPET (T:2.60)	16	
9-18	12892-69J00-262	SHIM, TAPPET (T:2.62)	16	
9-19	12892-69J00-264	SHIM, TAPPET (T:2.64)	16	
9-20	12892-69J00-266	SHIM, TAPPET (T:2.66)	16	
9-21	12892-69J00-268	SHIM, TAPPET (T:2.68)	16	
9-22	12892-69J00-270	SHIM, TAPPET (T:2.70)	16	
9-23	12892-69J00-272	SHIM, TAPPET (T:2.72)	16	
10	12911-87L00	VALVE, INTAKE	8	
11	12915-87L50	VALVE, EXHAUST	8	
12	12921-87J11	SPRING, VALVE	16	
13	12931-78G00	RETAINER, VALVE SPRING	16	
14	12932-24400	COTTER, VALVE	32	
15	12933-51E00	SEAT, VALVE SPRING	16	
16	09289-05012	OIL SEAL (5.5X11.5X9.3)	16	

DF90A E01
DF90A E40
DF90ATH E01
DF90ATH E40
DF100B E01
DF100B E40

FIG.122A

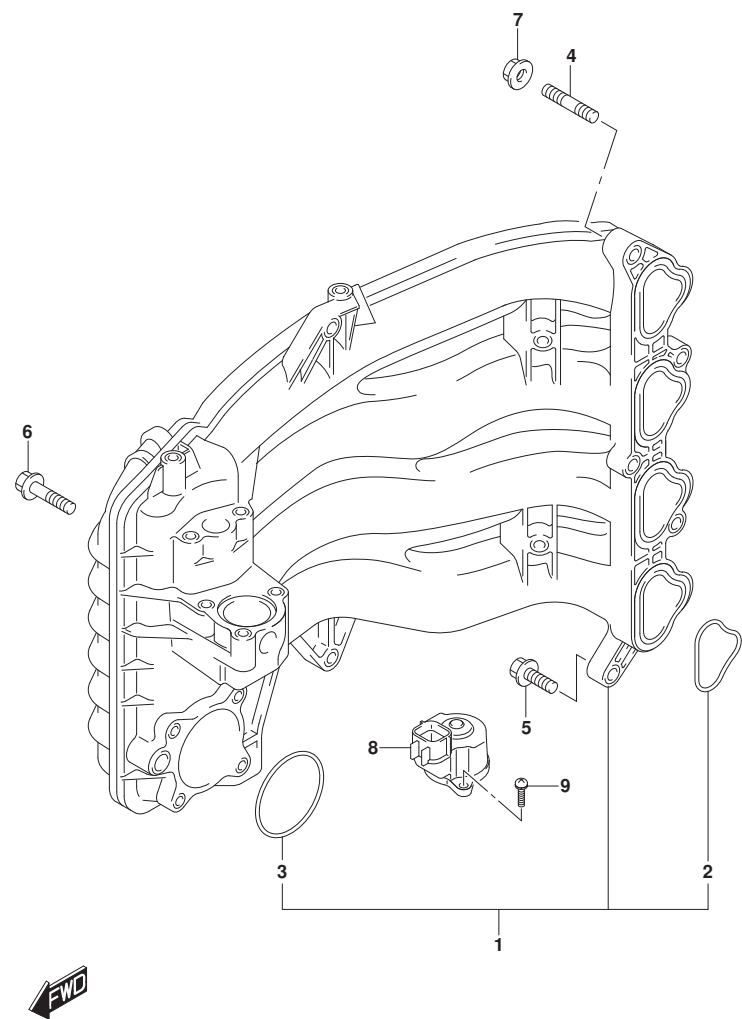


FIG.122A (1-B-14) INTAKE MANIFOLD

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	13110-87L00	MANIFOLD, INTAKE	1	
2	13119-87L00	.GASKET, INTAKE MANIFOLD	4	
3	13125-87L00	.GASKET, THROTTLE BODY	1	
4	01421-08257	STUD BOLT	2	
5	01550-0830C	BOLT	4	
6	01550-0845C	BOLT	1	
7	08316-1008C	NUT	2	
8	18137-87L01	VALVE, IAC	1	
9	02112-34167	SCREW	3	

FIG.134A

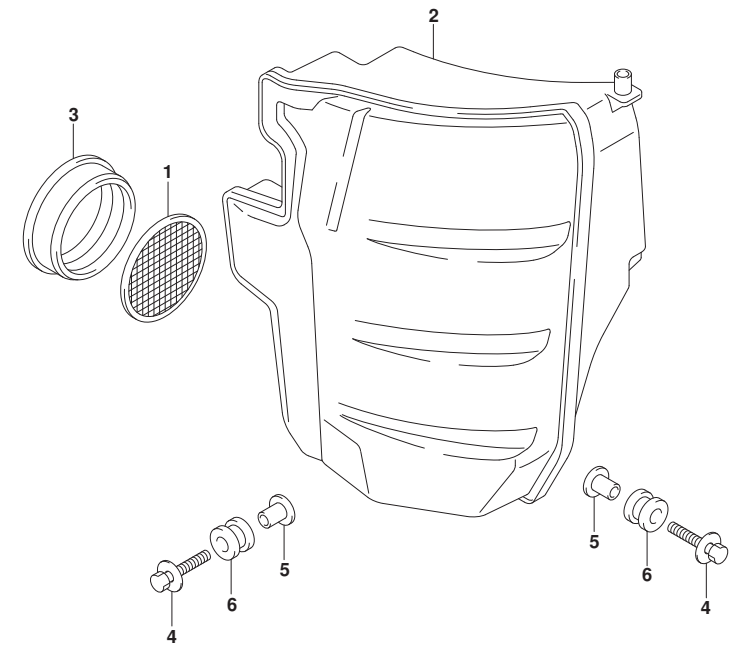


FIG.134A (1-B-15) SILENCER

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	13710-99E00	ARRESTER, FLAME	1	
2	13810-87L00	SILENCER	1	
3	13813-87L00	HOLDER, FLAME ARRESTER	1	
4	09116-06215	BOLT (6X30)	2	
5	09169-06075	WASHER	2	
6	09320-09039	CUSHION	2	

FIG.136A

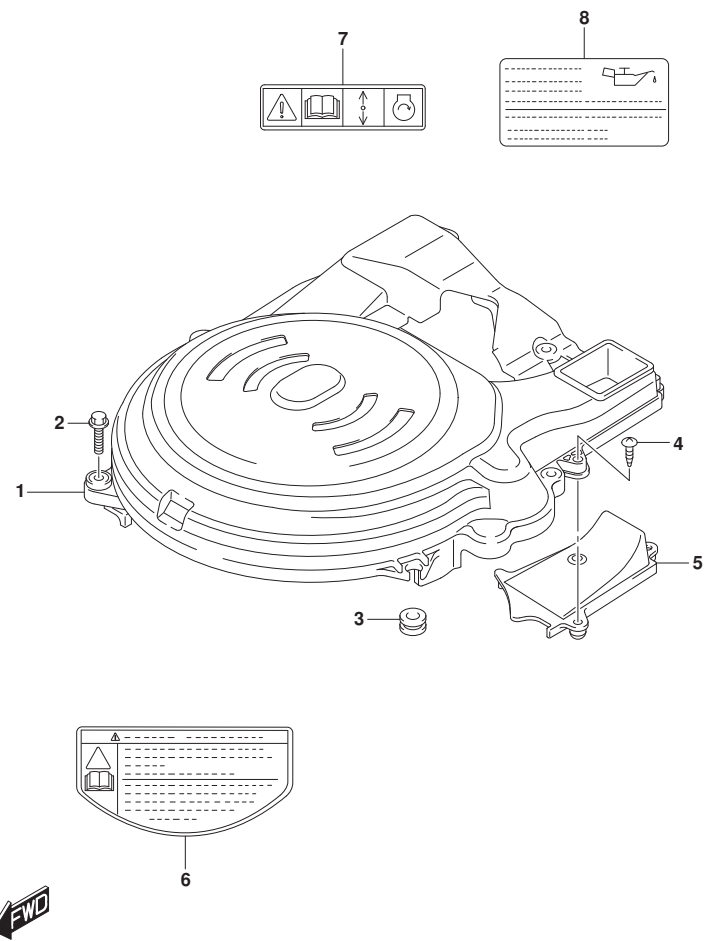


FIG.136A (1-C-2) RING GEAR COVER

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	11510-87L03	COVER, RING GEAR	1	
2	01550-0630C	BOLT	4	
3	09320-09016	CUSHION	1	
4	03542-06209	SCREW	2	
5	11514-87L00	PLATE, RING GEAR COVER	1	
6	61472-88L00	LABEL, MAG COVER	1	
7	69711-93E10	LABEL (S.I.G.P.)	1	
8	61494-87L01	LABEL, OIL & CLEARANCE	1	

FIG.140A

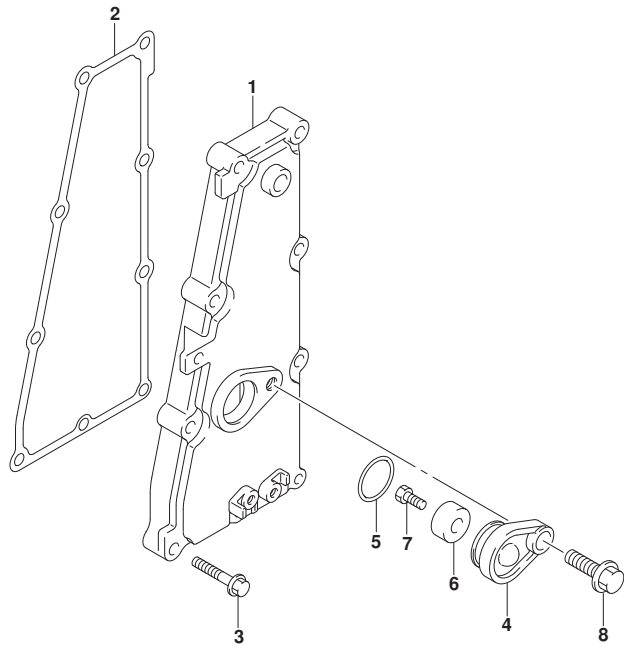


FIG.140A (1-C-3) EXHAUST COVER

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	14141-87L00	COVER, EXHAUST	1	
2	14151-87L00	GASKET, EXHAUST COVER	1	
3	01550-06307	BOLT	9	
4	11261-93J00	COVER, PROTECTION ANODE	1	
5	09280-22019	O RING (D:1.9,ID:21.8)	1	
6	55321-87J01	ANODE, PROTECTION	1	
7	09103-06281	BOLT (6X14)	1	
8	01550-0820C	BOLT	1	



FIG.143A (1-C-4) FUEL VAPOR SEPARATOR (E01)

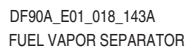
DF90A_E01_018

FIG.143A

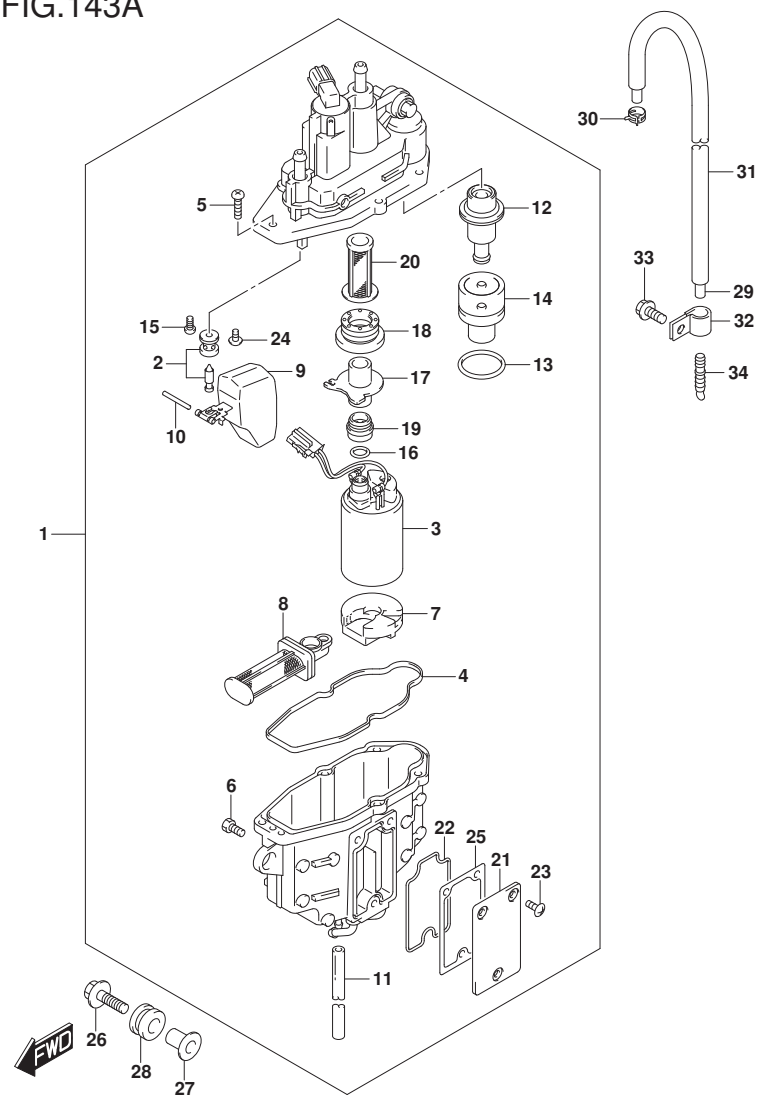


FIG.143A (1-C-5) FUEL VAPOR SEPARATOR (E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
26	09116-06217	BOLT (6X30)	3	
27	09169-06090	WASHER	3	
28	15691-92J00	CUSHION	3	
29	09352-50003-490	HOSE (5X8.2X490)	1	
30	09401-08412	CLIP	1	
31	18498-87JC0	PROTECTOR, EVAP HOSE	1	L:450->390
32	09403-12320	CLAMP	1	
33	01550-0612C	BOLT	1	
34	55127-87D00	PLUG, UNION	1	

DF70A E01
DF70ATH E01
DF80A E01
DF90A E01
DF90ATH E01
DF100B E01

FIG.143B (1-C-6) FUEL VAPOR SEPARATOR (E40)

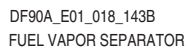
DF90A_E01_018

FIG.143B

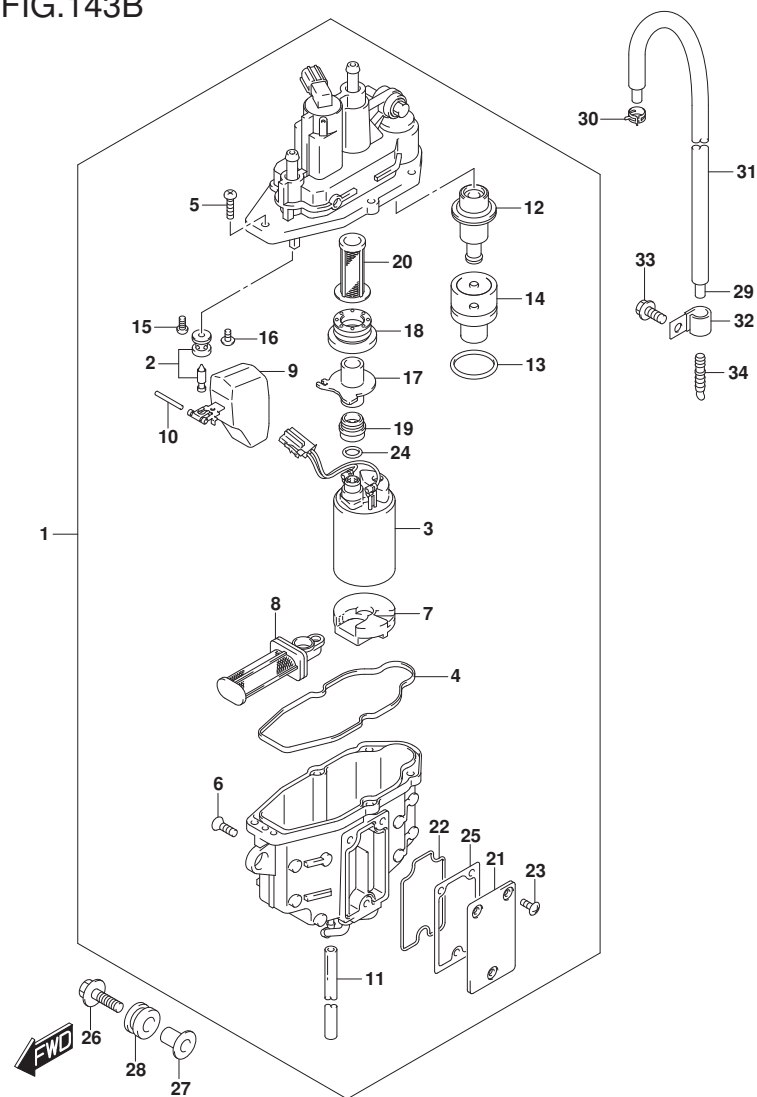


FIG.143B (1-C-7) FUEL VAPOR SEPARATOR (E40)

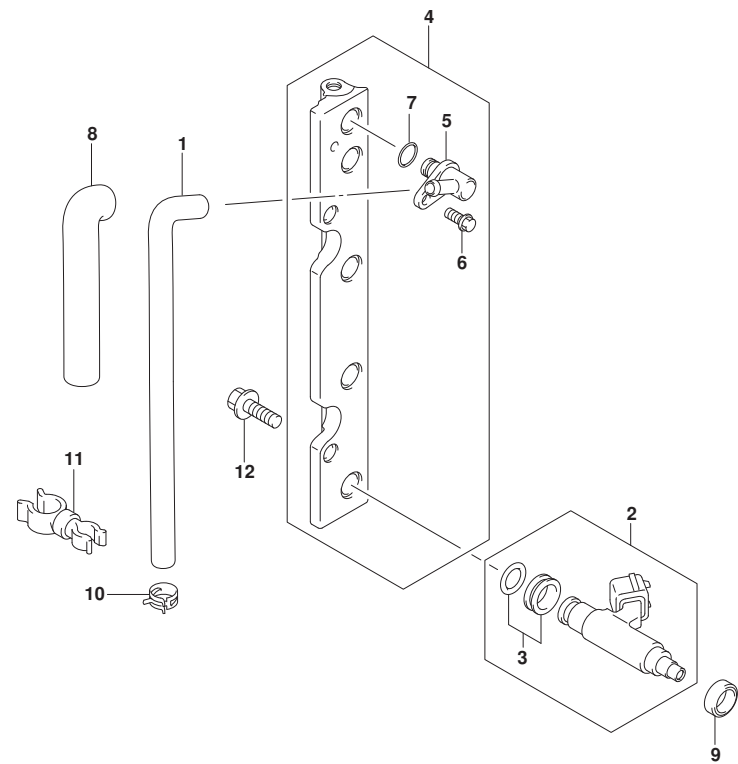
REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
26	09116-06217	BOLT (6X30)	3	
27	09169-06090	WASHER	3	
28	15691-92J00	CUSHION	3	
29	09352-50003-490	HOSE (5X8.2X490)	1	
30	09401-08412	CLIP	1	
31	18498-87JC0	PROTECTOR, EVAP HOSE	1	L:450->390
32	09403-12320	CLAMP	1	
33	01550-0612C	BOLT	1	
34	55127-87D00	PLUG, UNION	1	

DF70A E40
DF70ATH E40
DF80A E40
DF90A E40
DF90ATH E40
DF100B E40

FIG.144A

FIG.144A (1-C-8) FUEL INJECTOR (E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	15681-92J00	HOSE, FUEL (SEPARATOR TO DLVY)	1	
2	15710-82K50	INJECTOR ASSY, FUEL	4	
3	15716-65DT0	.GROMMET SET, FUEL INJECTOR	4	
4	15750-87L30	PIPE, DELIVERY	1	
5	15830-87L30	.JOINT, FUEL MAIN	1	
6	09103-06281	.BOLT (6X14)	1	
7	09280-08012	.O RING (D:1.9,ID:7.8)	1	
8	18498-99E20	PROTECTOR, FUEL HOSE (L:450)	1	L:450->160
9	09320-08062	CUSHION	4	
10	09401-11425	CLIP	2	
11	09408-00233	CLAMP	1	
12	01550-0825C	BOLT	2	



DF70A E01
DF70ATH E01
DF80A E01
DF90A E01
DF90ATH E01
DF100B E01



FIG.144B

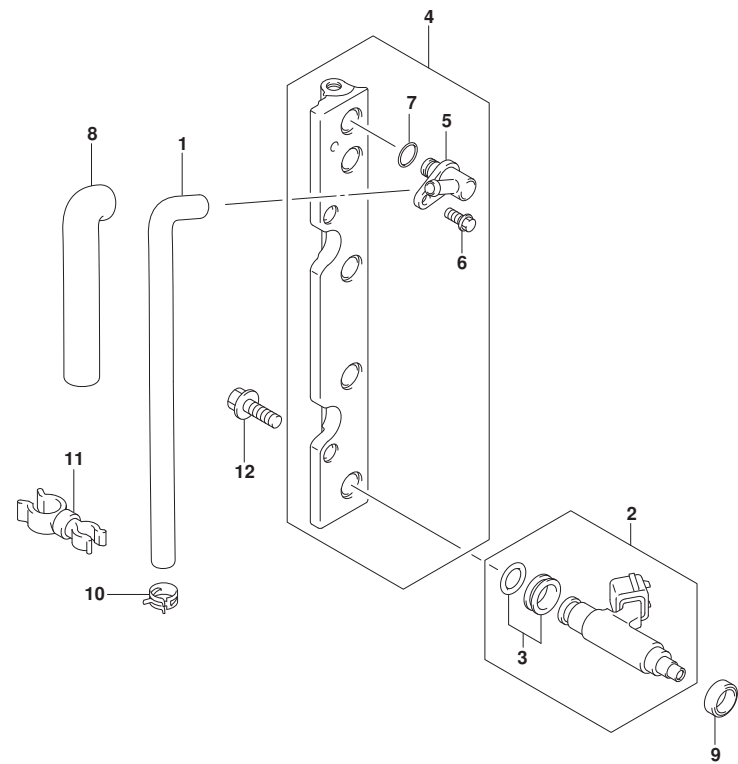


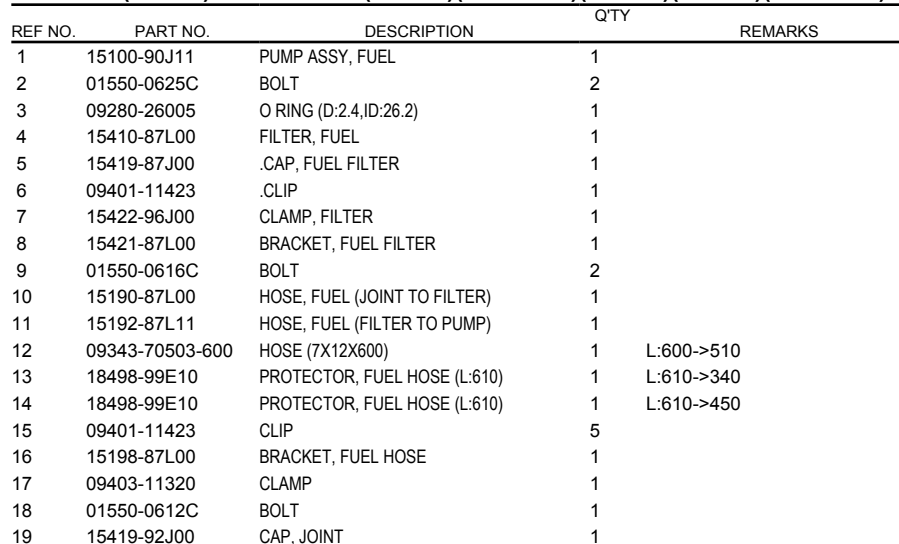
FIG.144B (1-C-9) FUEL INJECTOR (E40)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	15681-92J00	HOSE, FUEL (SEPARATOR TO DLVY)	1	
2	15710-82K50	INJECTOR ASSY, FUEL	4	
3	15716-65DT0	.GROMMET SET, FUEL INJECTOR	4	
4	15750-87L40	PIPE, DELIVERY	1	
5	15830-87L40	.JOINT, FUEL MAIN	1	
6	09103-06281	.BOLT (6X14)	1	
7	09280-08012	.O RING (D:1.9,ID:7.8)	1	
8	18498-99E20	PROTECTOR, FUEL HOSE (L:450)	1	L:450->160
9	09320-08062	CUSHION	4	
10	09401-11425	CLIP	2	
11	09408-00233	CLAMP	1	
12	01550-0825C	BOLT	2	

DF70A E40
DF70ATH E40
DF80A E40
DF90A E40
DF90ATH E40
DF100B E40



FIG.146A (1-C-10) FUEL PUMP (DF70A)(DF70ATH)(DF80A)(DF90A)(DF90ATH)



DF90A_E01_018

FIG.146B

This diagram shows an exploded view of a mechanical assembly. The main component is a cylindrical unit (4) with a central shaft (7) and a ribbed section (6). A cap (5) is shown above the shaft. A bracket (9) is attached to the side of the main unit. A long, flexible hose (11) is connected to the bottom of the assembly. A separate hose (12) is connected to the top. Various bolts (2, 10, 16, 19) and washers (3, 8) are shown in their respective assembly positions. A bracket (17) with a hook (18) is shown at the bottom left, with an arrow pointing to it labeled 'FWD'. A small component (20) is shown near the bottom left. A bracket (21) is shown near the top of the main unit.

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	15100-90J11	PUMP ASSY, FUEL	1	
2	01550-0625C	BOLT	2	
3	09280-26005	O RING (D:2.4,ID:26.2)	1	
4	15410-92J00	FILTER, FUEL	1	
5	15411-92J00	.CAP, FUEL FILTER	1	
6	15412-92J00	.FILTER, FUEL	1	
7	15413-92J00	.CASE, FUEL FILTER	1	
8	15415-92J00	.SEAL, FUEL FILTER	1	
9	15421-87L10	BRACKET, FUEL FILTER	1	
10	01550-0616C	BOLT	2	
11	15190-87L10	HOSE, FUEL (JOINT TO FILTER)	1	
12	15192-87L20	HOSE, FUEL (FILTER TO PUMP)	1	
13	09343-70503-600	HOSE (7X12X600)	1	L:600->510
14	18498-99E10	PROTECTOR, FUEL HOSE (L:610)	1	L:610->500
15	18498-99E10	PROTECTOR, FUEL HOSE (L:610)	1	L:610->450
16	09401-11423	CLIP	5	
17	15198-87L00	BRACKET, FUEL HOSE	1	
18	09403-11320	CLAMP	1	
19	01550-0612C	BOLT	1	
20	15419-92J00	CAP, JOINT	1	
21	08316-10087	NUT	1	

DF100B E40

FIG.160A

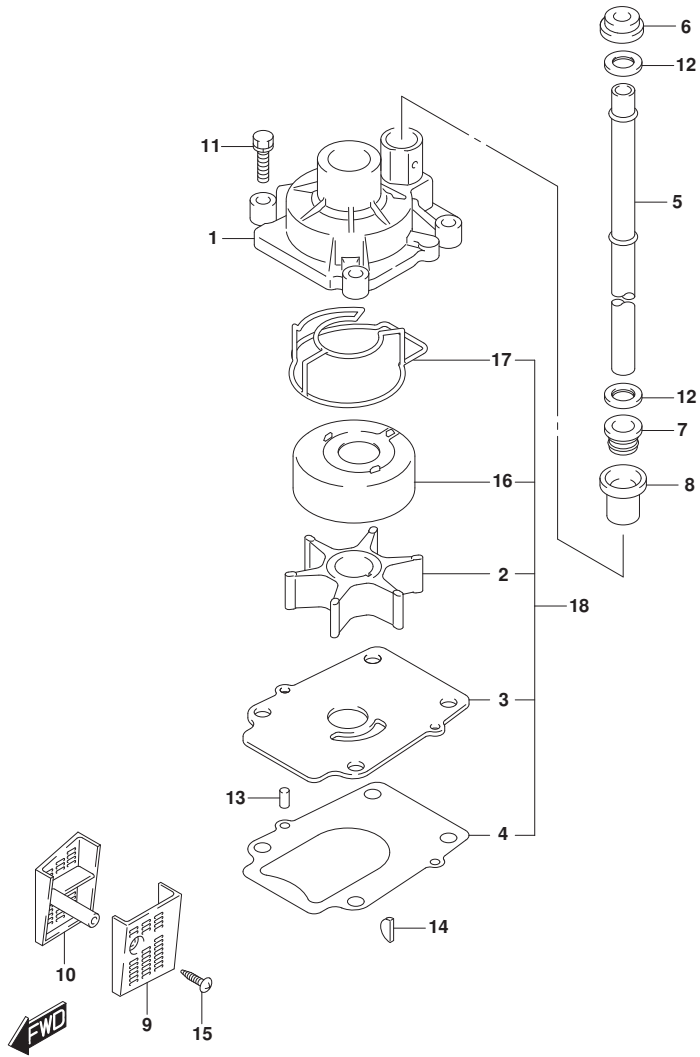


FIG.160A (1-C-12) WATER PUMP (DF70A E01)(DF70ATH E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	17410-99E10	CASE, WATER PUMP	1	
2	17461-87E12	IMPELLER, WATER PUMP	1	
3	17471-87L00	PANEL, PUMP CASE UNDER	1	
4	17472-87L00	GASKET, PUMP CASE PANEL	1	
5-1	17561-87L20	TUBE, WATER (L)	1	W/TRANSOM(L)
5-2	17561-87L30	TUBE, WATER (X)	1	W/TRANSOM(X)
6	17562-87L00	BUSH, WATER TUBE UPPER	1	
7	17563-87D00	BUSH, WATER TUBE LOWER	1	
8	17564-87D00	BUSH, WATER PUMP CASE	1	
9	17631-87L00	FILTER, WATER PORT SIDE	1	
10	17632-87L01	FILTER, WATER STBD SIDE	1	
11	29116-93J10	BOLT	4	
12	09161-16008	WASHER (15.8X26X1)	2	
13	09202-06031	PIN (6X12)	2	
14	09420-04009	KEY	1	
15	09132-04034	SCREW (4X18)	1	
16	17413-99E11	SLEEVE, WATER PUMP CASE	1	
17	17416-99E10	SEALING, WATER PUMP CASE NO.1	1	
18	17400-87L01	WATER PUMP REPAIR KIT	1	OPT

DF70A E01
DF70ATH E01

FIG.160B

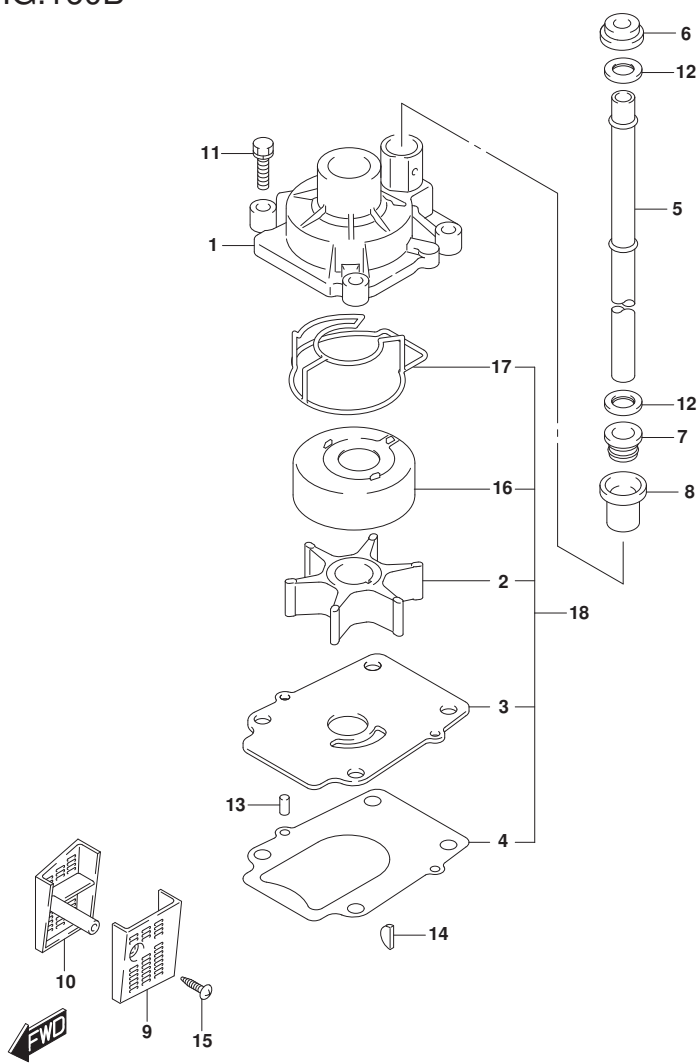


FIG.160B (1-C-13) WATER PUMP (DF80A E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	17410-99E10	CASE, WATER PUMP	1	
2	17461-87E12	IMPELLER, WATER PUMP	1	
3	17471-87L00	PANEL, PUMP CASE UNDER	1	
4	17472-87L00	GASKET, PUMP CASE PANEL	1	
5-1	17561-87L20	TUBE, WATER (L)	1	W/TRANSOM(L)
5-2	17561-87L30	TUBE, WATER (X)	1	W/TRANSOM(X)
6	17562-87L00	BUSH, WATER TUBE UPPER	1	
7	17563-87D00	BUSH, WATER TUBE LOWER	1	
8	17564-87D00	BUSH, WATER PUMP CASE	1	
9	17631-87L00	FILTER, WATER PORT SIDE	1	
10	17632-87L01	FILTER, WATER STBD SIDE	1	
11	29116-93J10	BOLT	4	
12	09161-16008	WASHER (15.8X26X1)	2	
13	09202-06031	PIN (6X12)	2	
14	09420-04009	KEY	1	
15	09132-04034	SCREW (4X18)	1	
16	17413-99E11	SLEEVE, WATER PUMP CASE	1	
17	17416-99E10	SEALING, WATER PUMP CASE NO.1	1	
18	17400-87L01	WATER PUMP REPAIR KIT	1	OPT

DF80A E01

FIG.160C

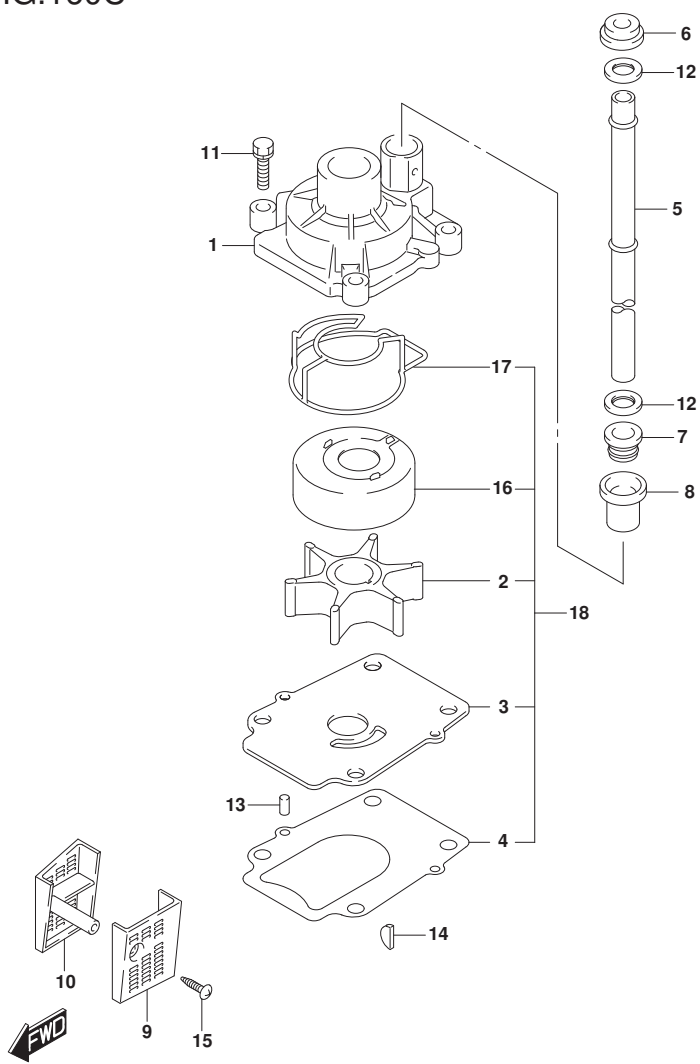


FIG.160C (1-C-14) WATER PUMP (DF90A E01)(DF90ATH E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	17410-99E10	CASE, WATER PUMP	1	
2	17461-87E12	IMPELLER, WATER PUMP	1	
3	17471-87L00	PANEL, PUMP CASE UNDER	1	
4	17472-87L00	GASKET, PUMP CASE PANEL	1	
5-1	17561-87L20	TUBE, WATER (L)	1	W/TRANSOM(L)
5-2	17561-87L30	TUBE, WATER (X)	1	W/TRANSOM(X)
6	17562-87L00	BUSH, WATER TUBE UPPER	1	
7	17563-87D00	BUSH, WATER TUBE LOWER	1	
8	17564-87D00	BUSH, WATER PUMP CASE	1	
9	17631-87L00	FILTER, WATER PORT SIDE	1	
10	17632-87L01	FILTER, WATER STBD SIDE	1	
11	29116-93J10	BOLT	4	
12	09161-16008	WASHER (15.8X26X1)	2	
13	09202-06031	PIN (6X12)	2	
14	09420-04009	KEY	1	
15	09132-04034	SCREW (4X18)	1	
16	17413-99E11	SLEEVE, WATER PUMP CASE	1	
17	17416-99E10	SEALING, WATER PUMP CASE NO.1	1	
18	17400-87L01	WATER PUMP REPAIR KIT	1	OPT

DF90A E01
DF90ATH E01

FIG.160D

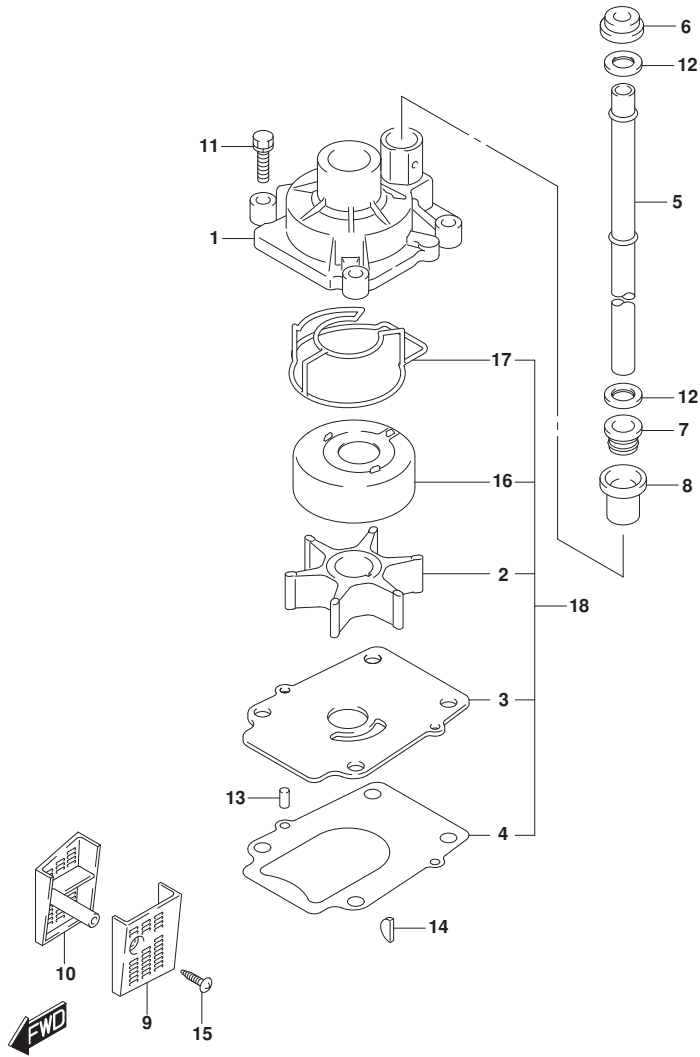


FIG.160D (1-C-15) WATER PUMP (DF70A E40)(DF70ATH E40)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	17410-99E10	CASE, WATER PUMP	1	
2	17461-87E12	IMPELLER, WATER PUMP	1	
3	17471-87L10	PANEL, PUMP CASE UNDER	1	
4	17472-87L00	GASKET, PUMP CASE PANEL	1	
5-1	17561-87L20	TUBE, WATER (L)	1	W/TRANSOM(L)
5-2	17561-87L30	TUBE, WATER (X)	1	W/TRANSOM(X)
6	17562-87L00	BUSH, WATER TUBE UPPER	1	
7	17563-87D00	BUSH, WATER TUBE LOWER	1	
8	17564-87D00	BUSH, WATER PUMP CASE	1	
9	17631-87L00	FILTER, WATER PORT SIDE	1	
10	17632-87L01	FILTER, WATER STBD SIDE	1	
11	29116-93J10	BOLT	4	
12	09161-16008	WASHER (15.8X26X1)	2	
13	09202-06031	PIN (6X12)	2	
14	09420-04009	KEY	1	
15	09132-04034	SCREW (4X18)	1	
16	17413-99E21	SLEEVE, WATER PUMP CASE	1	
17	17416-99E10	SEALING, WATER PUMP CASE NO.1	1	
18	17400-87L01	WATER PUMP REPAIR KIT	1	OPT

DF70A E40
DF70ATH E40

FIG.160E

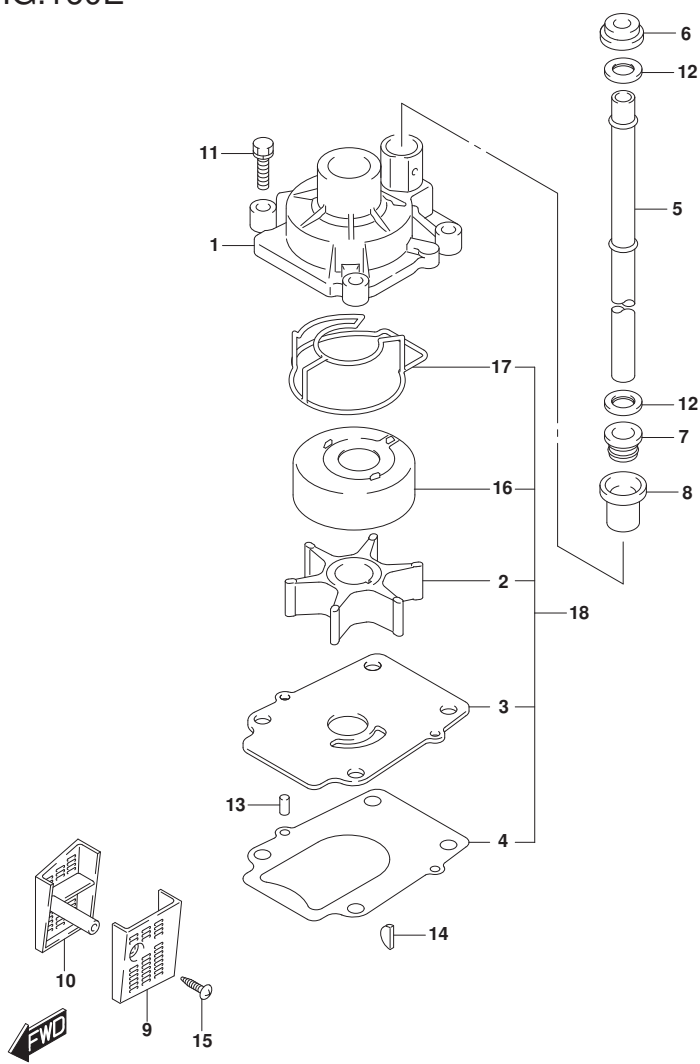


FIG.160E (1-D-2) WATER PUMP (DF80A E40)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	17410-99E10	CASE, WATER PUMP	1	
2	17461-87E12	IMPELLER, WATER PUMP	1	
3	17471-87L10	PANEL, PUMP CASE UNDER	1	
4	17472-87L00	GASKET, PUMP CASE PANEL	1	
5-1	17561-87L20	TUBE, WATER (L)	1	W/TRANSOM(L)
5-2	17561-87L30	TUBE, WATER (X)	1	W/TRANSOM(X)
6	17562-87L00	BUSH, WATER TUBE UPPER	1	
7	17563-87D00	BUSH, WATER TUBE LOWER	1	
8	17564-87D00	BUSH, WATER PUMP CASE	1	
9	17631-87L00	FILTER, WATER PORT SIDE	1	
10	17632-87L01	FILTER, WATER STBD SIDE	1	
11	29116-93J10	BOLT	4	
12	09161-16008	WASHER (15.8X26X1)	2	
13	09202-06031	PIN (6X12)	2	
14	09420-04009	KEY	1	
15	09132-04034	SCREW (4X18)	1	
16	17413-99E21	SLEEVE, WATER PUMP CASE	1	
17	17416-99E10	SEALING, WATER PUMP CASE NO.1	1	
18	17400-87L01	WATER PUMP REPAIR KIT	1	OPT

DF80A E40

FIG.160F

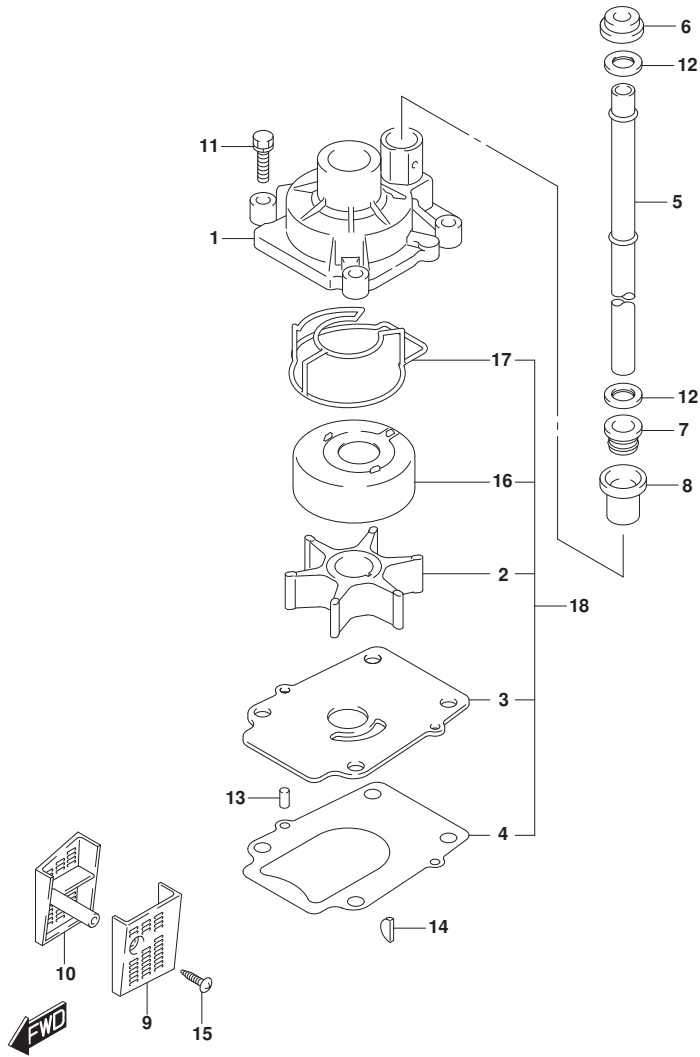


FIG.160F (1-D-3) WATER PUMP (DF90A E40)(DF90ATH E40)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	17410-99E10	CASE, WATER PUMP	1	
2	17461-87E12	IMPELLER, WATER PUMP	1	
3	17471-87L10	PANEL, PUMP CASE UNDER	1	
4	17472-87L00	GASKET, PUMP CASE PANEL	1	
5-1	17561-87L20	TUBE, WATER (L)	1	W/TRANSOM(L)
5-2	17561-87L30	TUBE, WATER (X)	1	W/TRANSOM(X)
6	17562-87L00	BUSH, WATER TUBE UPPER	1	
7	17563-87D00	BUSH, WATER TUBE LOWER	1	
8	17564-87D00	BUSH, WATER PUMP CASE	1	
9	17631-87L00	FILTER, WATER PORT SIDE	1	
10	17632-87L01	FILTER, WATER STBD SIDE	1	
11	29116-93J10	BOLT	4	
12	09161-16008	WASHER (15.8X26X1)	2	
13	09202-06031	PIN (6X12)	2	
14	09420-04009	KEY	1	
15	09132-04034	SCREW (4X18)	1	
16	17413-99E21	SLEEVE, WATER PUMP CASE	1	
17	17416-99E10	SEALING, WATER PUMP CASE NO.1	1	
18	17400-87L01	WATER PUMP REPAIR KIT	1	OPT

DF90A E40
DF90ATH E40

FIG.160G

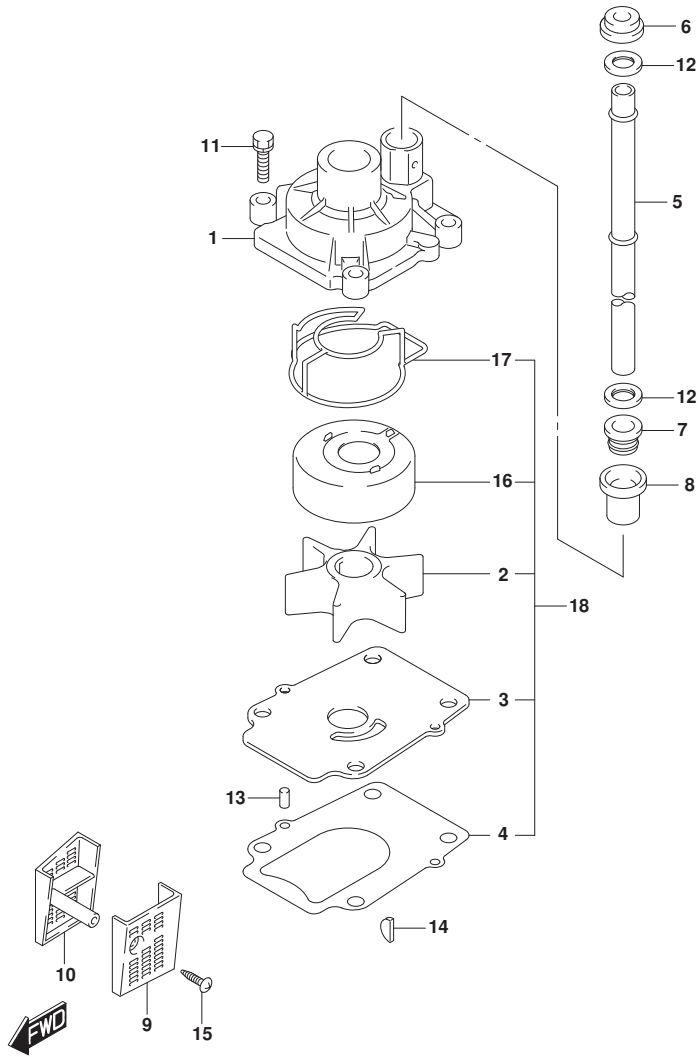


FIG.160G (1-D-4) WATER PUMP (DF100B E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	17410-99E10	CASE, WATER PUMP	1	
2	17461-87L00	IMPELLER, WATER PUMP	1	
3	17471-87L00	PANEL, PUMP CASE UNDER	1	
4	17472-87L00	GASKET, PUMP CASE PANEL	1	
5-1	17561-87L20	TUBE, WATER (L)	1	W/TRANSOM(L)
5-2	17561-87L30	TUBE, WATER (X)	1	W/TRANSOM(X)
6	17562-87L00	BUSH, WATER TUBE UPPER	1	
7	17563-87D00	BUSH, WATER TUBE LOWER	1	
8	17564-87D00	BUSH, WATER PUMP CASE	1	
9	17631-87L00	FILTER, WATER PORT SIDE	1	
10	17632-87L01	FILTER, WATER STBD SIDE	1	
11	29116-93J10	BOLT	4	
12	09161-16008	WASHER (15.8X26X1)	2	
13	09202-06031	PIN (6X12)	2	
14	09420-04009	KEY	1	
15	09132-04034	SCREW (4X18)	1	
16	17413-99E11	SLEEVE, WATER PUMP CASE	1	
17	17416-99E10	SEALING, WATER PUMP CASE NO.1	1	
18	17400-87L01	WATER PUMP REPAIR KIT	1	OPT

DF100B E01

FIG.160H

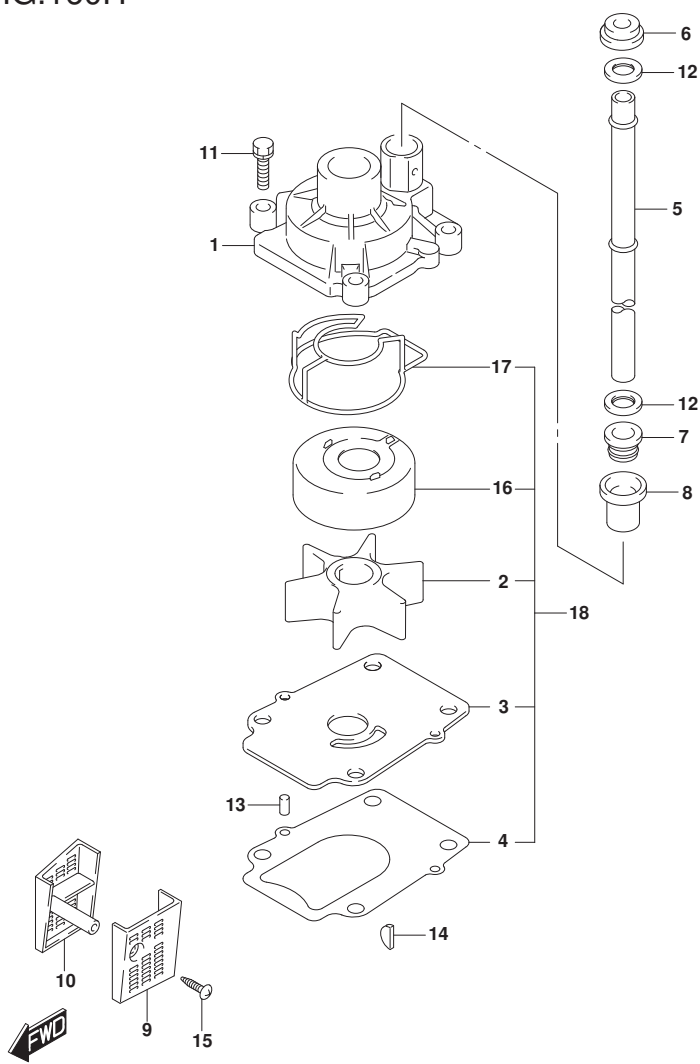
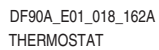


FIG.160H (1-D-5) WATER PUMP (DF100B E40)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	17410-99E10	CASE, WATER PUMP	1	
2	17461-87L00	IMPELLER, WATER PUMP	1	
3	17471-87L10	PANEL, PUMP CASE UNDER	1	
4	17472-87L00	GASKET, PUMP CASE PANEL	1	
5-1	17561-87L20	TUBE, WATER (L)	1	W/TRANSOM(L)
5-2	17561-87L30	TUBE, WATER (X)	1	W/TRANSOM(X)
6	17562-87L00	BUSH, WATER TUBE UPPER	1	
7	17563-87D00	BUSH, WATER TUBE LOWER	1	
8	17564-87D00	BUSH, WATER PUMP CASE	1	
9	17631-87L00	FILTER, WATER PORT SIDE	1	
10	17632-87L01	FILTER, WATER STBD SIDE	1	
11	29116-93J10	BOLT	4	
12	09161-16008	WASHER (15.8X26X1)	2	
13	09202-06031	PIN (6X12)	2	
14	09420-04009	KEY	1	
15	09132-04034	SCREW (4X18)	1	
16	17413-99E21	SLEEVE, WATER PUMP CASE	1	
17	17416-99E10	SEALING, WATER PUMP CASE NO.1	1	
18	17400-87L01	WATER PUMP REPAIR KIT	1	OPT

DF100B E40

FIG.162A (1-D-6) THERMOSTAT (DF70A)(DF90A)(DF100B)



DF70A E01
DF70A E40
DF90A E01
DF90A E40
DF100B E01
DF100B E40

FIG.162B

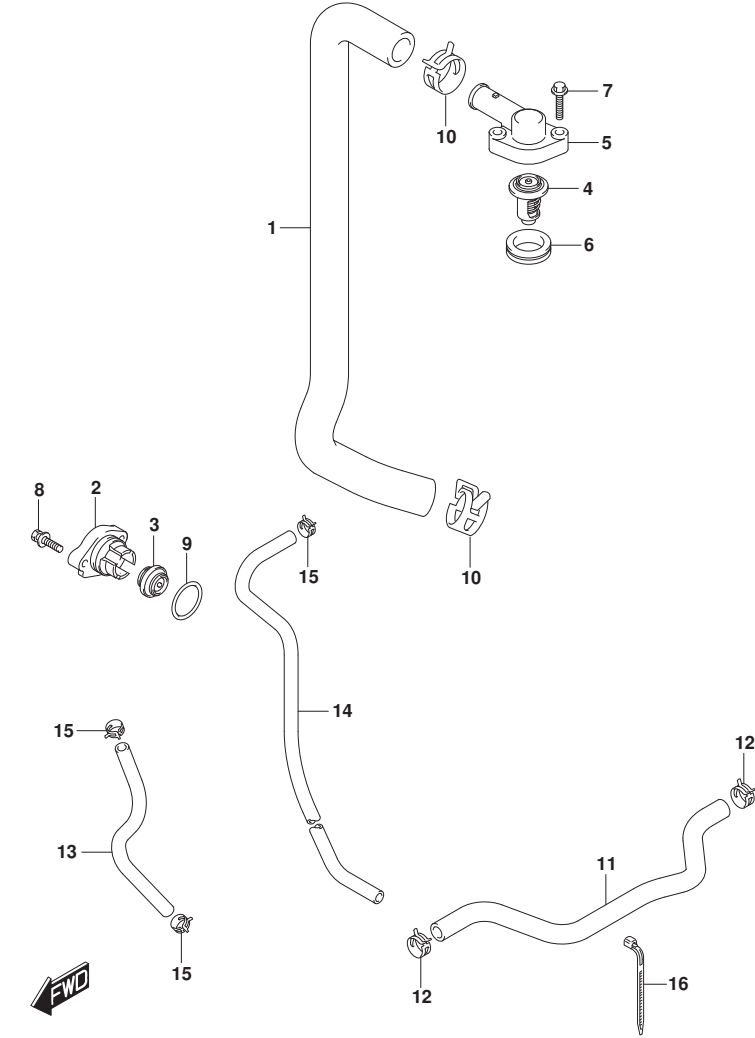


FIG.162B (1-D-7) THERMOSTAT (DF70ATH)(DF80A)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	11196-87L00	HOSE, WATER RETURN	1	
2	17611-90J00-YAY	COVER, WATER PRESS VALVE (BLACK)	1	
3	17660-99E01	VALVE, WATER PRESSURE	1	
4-1	17670-90J00	THERMOSTAT (60C)	1	
4-2	17670-90J10	THERMOSTAT (71C)	1	OPT
5	17681-87L00	COVER, THERMOSTAT	1	
6	17685-87L00	SEAL, THERMOSTAT COVER	1	
7	01550-0630C	BOLT	2	
8	09116-06121	BOLT (6X25)	2	
9	09280-26006	O RING (D:3.1,ID:26.4)	1	
10	09401-26408	CLIP	2	
11	17915-87L00	HOSE, WATER FLUSH	1	
12	09401-15414	CLIP	2	
13	09352-50903-600	HOSE (5X9X600)	1	L:600->320 UNION TO COOLER
14	09352-50903-600	HOSE (5X9X600)	1	L:600->190 E/H TO SEPARATOR
15	09401-08413	CLIP	3	
16	09407-11401	CLAMP (L:95)	1	

DF70ATH E01
DF70ATH E40
DF80A E01
DF80A E40
DF90ATH E01
DF90ATH E40

FIG.163A

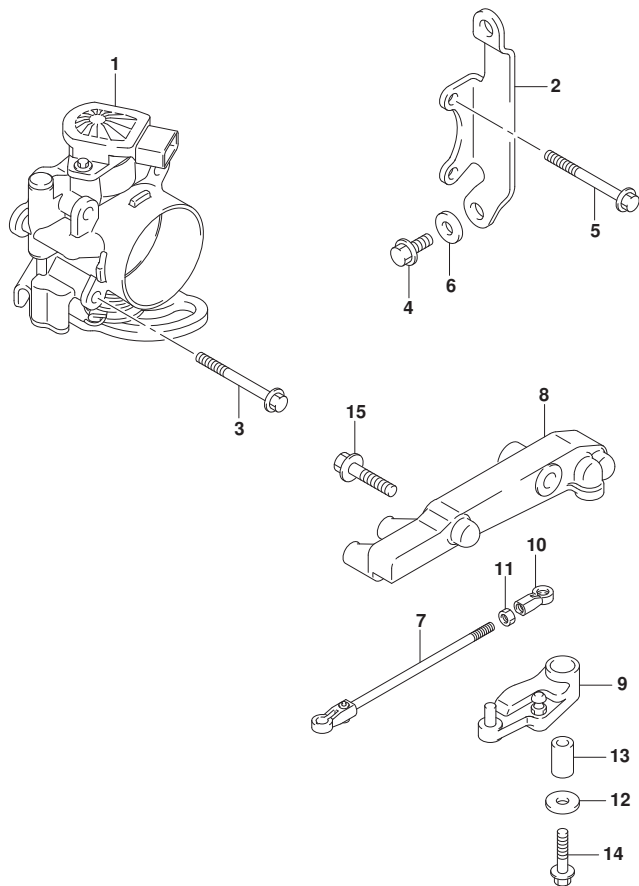


FIG.163A (1-D-8) THROTTLE BODY (DF70A)(DF80A)(DF90A)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	13300-87L00	BODY ASSY, THROTTLE	1	
2	13315-87L00	BRACKET, THROTTLE BODY	1	
3	01550-0650C	BOLT	2	
4	01550-0616C	BOLT	3	
5	01550-0655C	BOLT	2	
6	09160-06084	WASHER (6.5X18X1.6)	1	
7	13510-87L00	ROD, THROTTLE NO.1	1	
8	19115-87L00	HOLDER, THROTTLE LEVER	1	
9	19120-87L00	LEVER, THROTTLE	1	
10	19131-95502	CONNECTOR, THROTTLE ROD	1	
11	09140-05005	NUT	1	
12	09160-06046	WASHER (6.5X20X1.5)	1	
13	09180-06186	SPACER (6.2X12.6X21)	1	
14	01550-06357	BOLT	1	
15	01550-0830C	BOLT	2	

DF70A E01
DF70A E40
DF80A E01
DF80A E40
DF90A E01
DF90A E40

FIG.163B

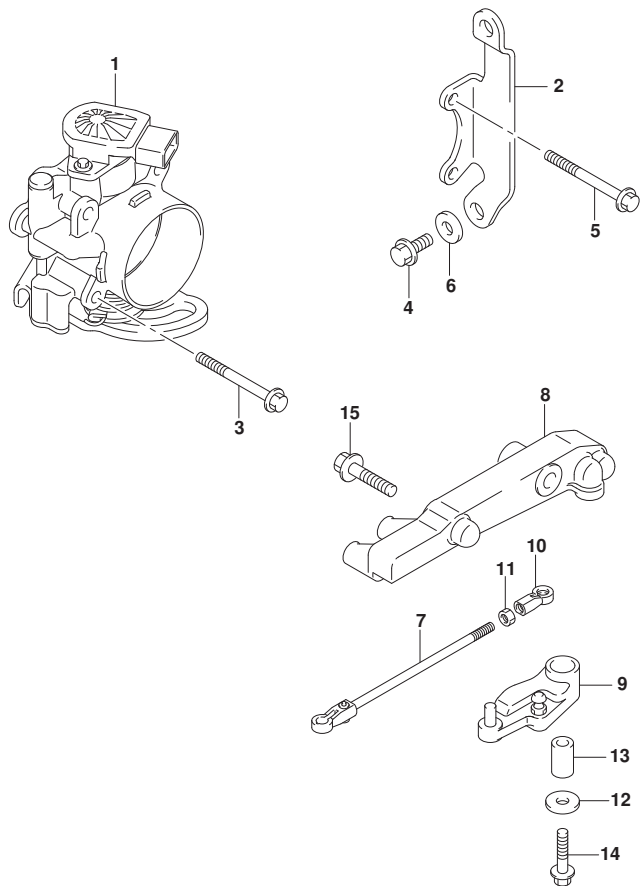


FIG.163B (1-D-9) THROTTLE BODY (DF70ATH)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	13300-87L00	BODY ASSY, THROTTLE	1	
2	13315-87L00	BRACKET, THROTTLE BODY	1	
3	01550-0650C	BOLT	2	
4	01550-0616C	BOLT	3	
5	01550-0655C	BOLT	2	
6	09160-06084	WASHER (6.5X18X1.6)	1	
7	13510-87L00	ROD, THROTTLE NO.1	1	
8	19115-87L00	HOLDER, THROTTLE LEVER	1	
9	19120-87L10	LEVER, THROTTLE	1	
10	19131-95502	CONNECTOR, THROTTLE ROD	1	
11	09140-05005	NUT	1	
12	09160-06046	WASHER (6.5X20X1.5)	1	
13	09180-06186	SPACER (6.2X12.6X21)	1	
14	01550-06357	BOLT	1	
15	01550-0830C	BOLT	2	

DF70ATH E01
DF70ATH E40
DF90ATH E01
DF90ATH E40

FIG.163C

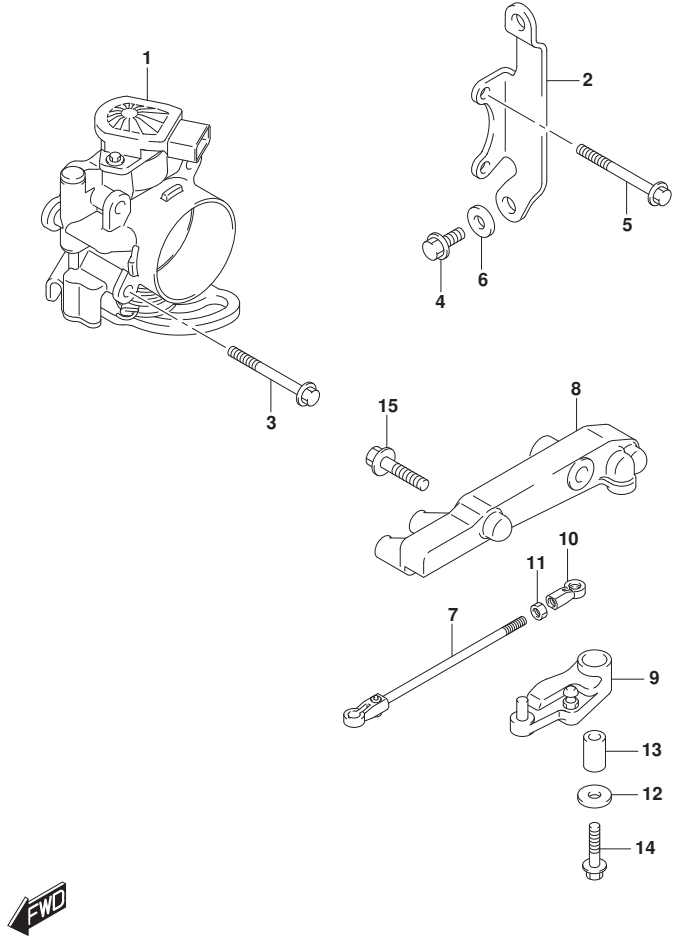


FIG.163C (1-D-10) THROTTLE BODY (DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	13300-87L10	BODY ASSY, THROTTLE	1	
2	13315-87L00	BRACKET, THROTTLE BODY	1	
3	01550-0650C	BOLT	2	
4	01550-0616C	BOLT	3	
5	01550-0655C	BOLT	2	
6	09160-06084	WASHER (6.5X18X1.6)	1	
7	13510-87L00	ROD, THROTTLE NO.1	1	
8	19115-87L00	HOLDER, THROTTLE LEVER	1	
9	19120-87L00	LEVER, THROTTLE	1	
10	19131-95502	CONNECTOR, THROTTLE ROD	1	
11	09140-05005	NUT	1	
12	09160-06046	WASHER (6.5X20X1.5)	1	
13	09180-06186	SPACER (6.2X12.6X21)	1	
14	01550-06357	BOLT	1	
15	01550-0830C	BOLT	2	

DF100B E01
DF100B E40

FIG.175A

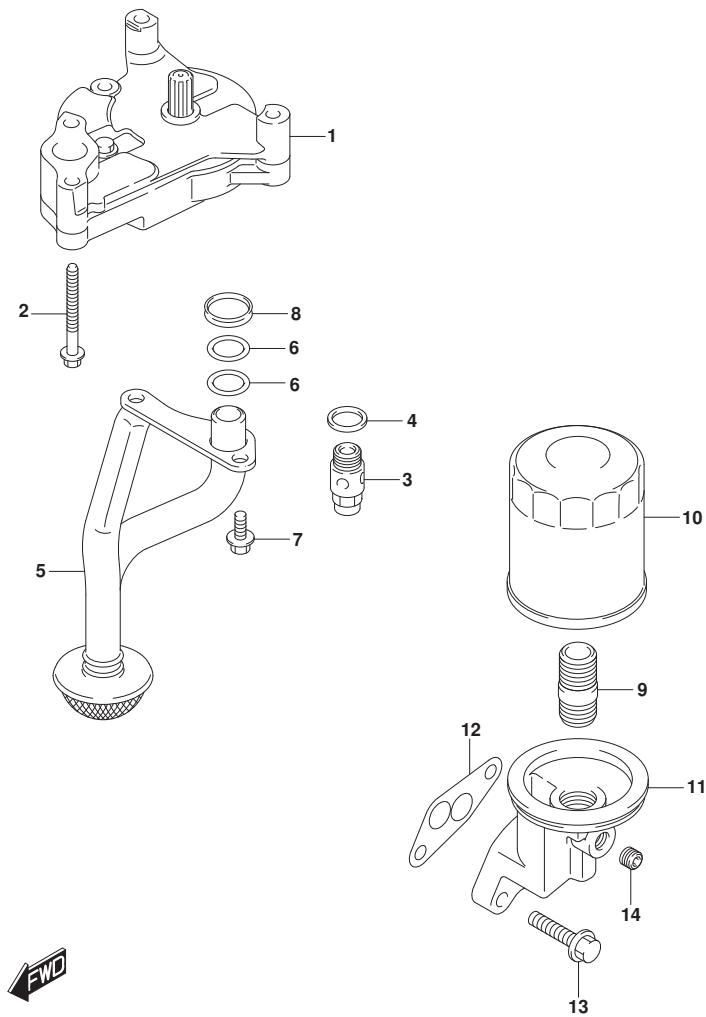


FIG.175A (1-D-11) OIL PUMP

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	16400-87L00	PUMP ASSY, OIL	1	
2	09103-06220	BOLT (6X60)	4	
3	16440-99E00	VALVE ASSY, OIL RELIEF	1	
4	09168-16002	GASKET (16X22X2)	1	
5	16520-87L00	STRAINER, OIL PUMP	1	
6	09280-17002	O RING (D:2.4,ID:16.8)	2	
7	01550-0616A	BOLT	2	
8	16519-87L00	SEAL, ENGINE HOLDER	1	
9	11241-73003	STAND, OIL FILTER	1	
10	16510-61A31	FILTER ASSY, OIL	1	
11	16531-87L00	CASE, OIL FILTER ADAPTER	1	
12	16539-87L00	GASKET, ADAPTER CASE	1	
13	01550-08307	BOLT	2	
14	09246-05006	PLUG (1/8PT,H:8)	1	

FIG.180A

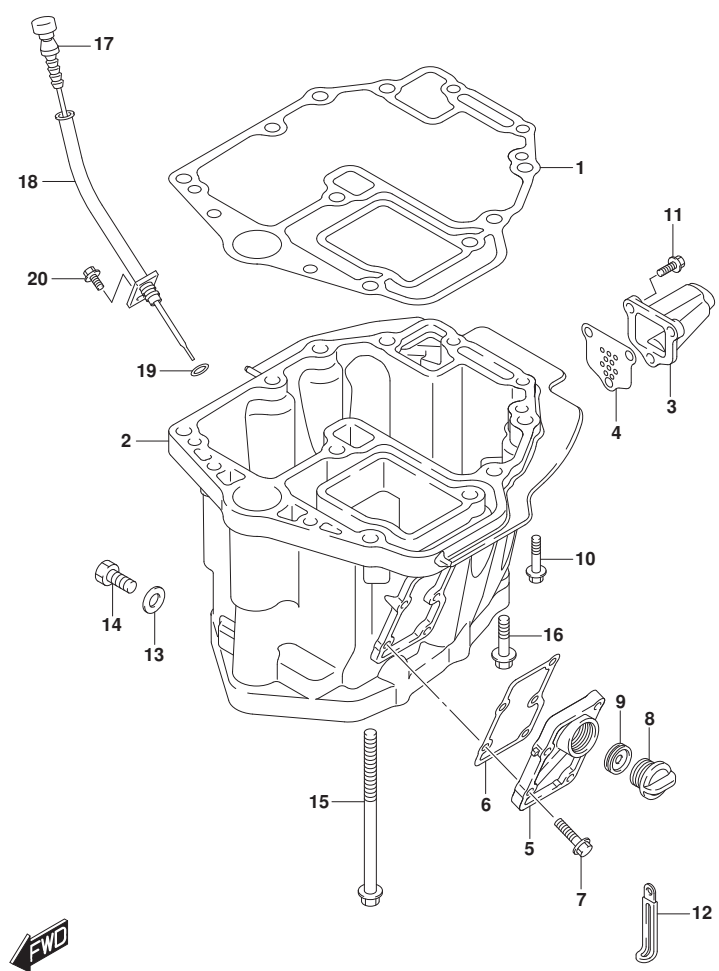


FIG.180A (1-D-12) OIL PAN (DF70A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	11489-87L00	GASKET, OIL PAN	1	
2-1	11501-87L10-YAY	PAN, OIL (BLACK)	1	
2-2	11501-87L10-Y5S	PAN, OIL (WHITE)	1	
3-1	11541-87L00-YAY	PIPE, EXHAUST (BLACK)	1	
3-2	11541-87L00-Y5S	PIPE, EXHAUST (WHITE)	1	
4	11542-87L00	GASKET, EXHAUST TUBE	1	
5-1	11551-87L00-YAY	COVER, WATER JACKET OIL PAN (BLACK)	1	
5-2	11551-87L00-Y5S	COVER, WATER JACKET OIL PAN (WHITE)	1	
6	11552-87L00	GASKET, OIL PAN WTR JKT COV	1	
7	09116-06121	BOLT (6X25)	5	
8	17913-93J00	PLUG, WATER	1	
9	17914-93J00	GASKET, WATER PLUG	1	
10	09116-08128	BOLT (8X40)	4	
11	29116-93J00	BOLT, EXHAUST PIPE	3	
12	29404-93J10	CLAMP, SPEEDOMETER HOSE	1	
13	09168-12012	GASKET (12.5X20X2.5)	1	
14	09248-12009	PLUG (12X18.65)	1	
15	09116-10129	BOLT (10X160)	6	
16	09116-10181	BOLT (10X44)	2	
17	16910-87L00	GAUGE, OIL LEVEL	1	
18	16930-87L00	GUIDE, OIL LEVEL GAUGE	1	
19	09280-09008	O RING (D:2.1,ID:8.8)	1	
20	01550-0612C	BOLT	1	

DF70A E01
DF70A E40
DF90A E01
DF90A E40
DF100B E01
DF100B E40

FIG.180B (1-D-13) OIL PAN (DF70ATH)(DF80A)(DF90ATH)



DF70ATH E01
DF70ATH E40
DF80A E01
DF80A E40
DF90ATH E01
DF90ATH E40

FIG.204A

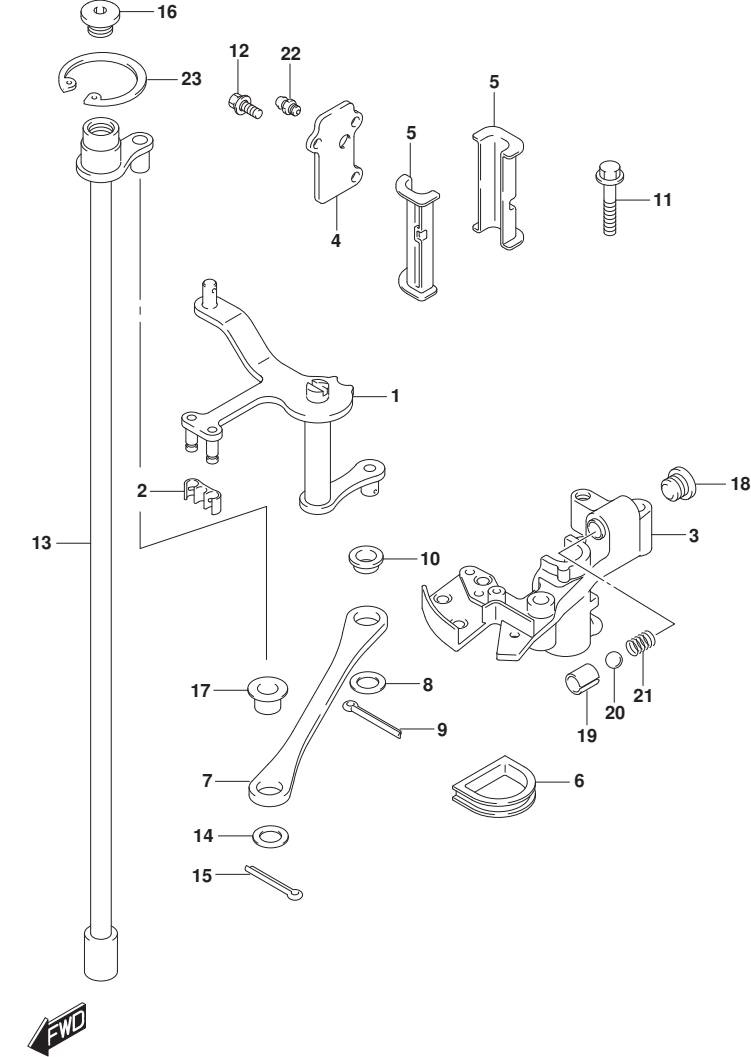


FIG.204A (1-D-14) CLUTCH SHAFT

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	21110-87L10	LEVER, CLUTCH	1	
2	21131-93J00	BUSH, CLUTCH LEVER	1	
3	21151-87L00	HOLDER, CLUTCH LEVER	1	
4	21152-87L00	PLATE, CLUTCH HOLDER	1	
5	21153-87L00	BUSH, CLUTCH LEVER	2	
6	21157-87L00	SEAL, CLUTCH HOLDER	1	
7	23115-87L00	LINK, CLUTCH LEVER	1	
8	09160-09019	WASHER (9.2X16X1)	1	
9	09204-01006	PIN	1	
10	09307-09002	BUSH	1	
11	01550-0640C	BOLT	2	
12	09116-05010	BOLT (5X12)	3	
13	21210-87L01	SHAFT, CLUTCH	1	
14	09160-09019	WASHER (9.2X16X1)	1	
15	09204-01006	PIN	1	
16	09248-12011	PLUG (12X9)	1	
17	09307-09002	BUSH	1	
18	11118-95J00	PLUG, NOTCH SPRING	1	
19	09205-10008	SPRING PIN (10.2X13)	1	
20	09260-10005	BALL	1	
21	09440-07071	SPRING	1	
22	22511-99011	NIPPLE, GREASE	1	
23	08331-41359	CIRCLIP	1	

FIG.206A

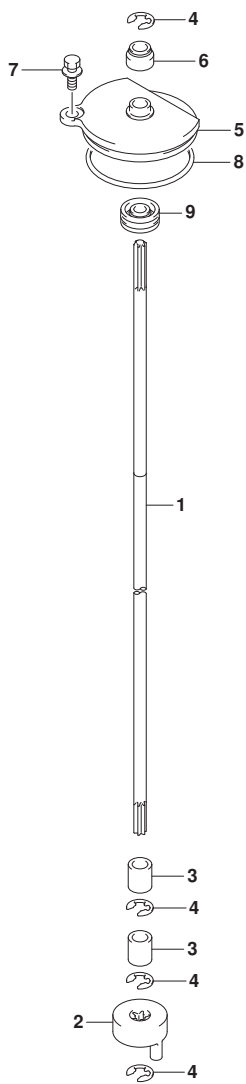


FIG.206A (1-D-15) CLUTCH ROD

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	25111-87L01	ROD, SHIFT (L)	1	W/TRANSOM(L)
1-2	25111-87L11	ROD, SHIFT (X)	1	W/TRANSOM(X)
2	25131-87L01	YOKE, SHIFTER	1	
3	25232-96302	MAGNET, GEAR CASE	2	
4	08332-1107A	E RING	4	
5	25141-87L00	HOUSING, SHIFT ROD GUIDE	1	
6	25223-94400	COVER, GUIDE HSG OIL SEAL	1	
7	29116-93J00	BOLT, SHIFT ROD HSG (6X20)	1	
8	09280-55006	O RING (D:3.4 ID:53.4)	1	
9	09282-08005	OIL SEAL (8X22X7)	1	





DF90A_E01_018

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1-1	571110-87L21	SHAFT ASSY, DRIVE (L)	1	W/TRANSOM(L)
1-2	571110-87L31	SHAFT ASSY, DRIVE (X)	1	W/TRANSOM(X)
2	571333-87L01	COLLAR, DRIVE SHAFT	1	
3	09205-05011	SPRING PIN (5X14)	1	
4	09265-25046	BEARING (25X52X19.25)	1	
5	57300-87890	PINION/GEAR SET	1	
6	09263-25067	.BEARING (25X32X26)	1	
7	09265-40003	.BEARING (40X75X26)	1	
8	57500-87873	SHIM SET, DRIVE SHAFT	1	
9-1	09181-40186	.SHIM (T:0.50)	1	
9-2	09181-41002	.SHIM (T:0.55)	1	
9-3	09181-41003	.SHIM (T:0.60)	1	
9-4	09181-41004	.SHIM (T:0.65)	1	
9-5	09181-41005	.SHIM (T:0.70)	1	
9-6	09181-41006	.SHIM (T:0.75)	1	
9-7	09181-40190	.SHIM (T:0.80)	1	
9-8	09181-41008	.SHIM (T:0.85)	1	
9-9	09181-41009	.SHIM (T:0.90)	1	
9-10	09181-41010	.SHIM (T:0.95)	1	
9-11	09181-40195	.SHIM (T:1.00)	1	
9-12	09181-41012	.SHIM (T:1.05)	1	
9-13	09181-41013	.SHIM (T:1.10)	1	
9-14	09181-41014	.SHIM (T:1.15)	1	
10	09140-14024	NUT	1	

FIG.220A

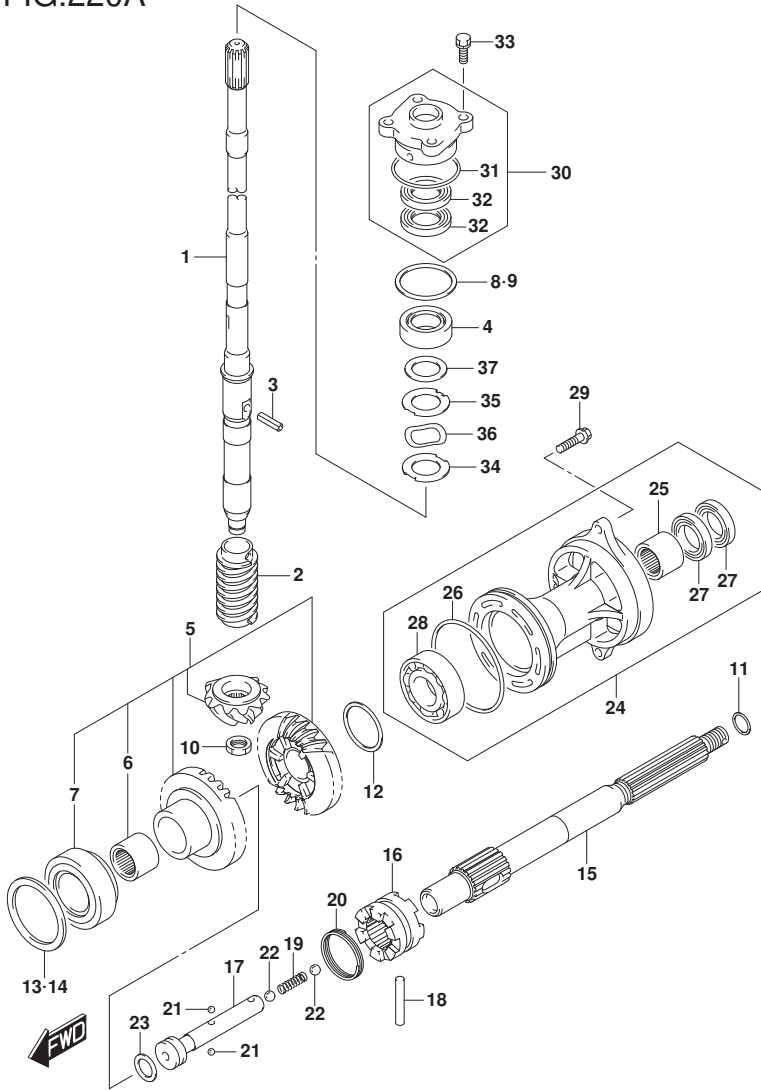
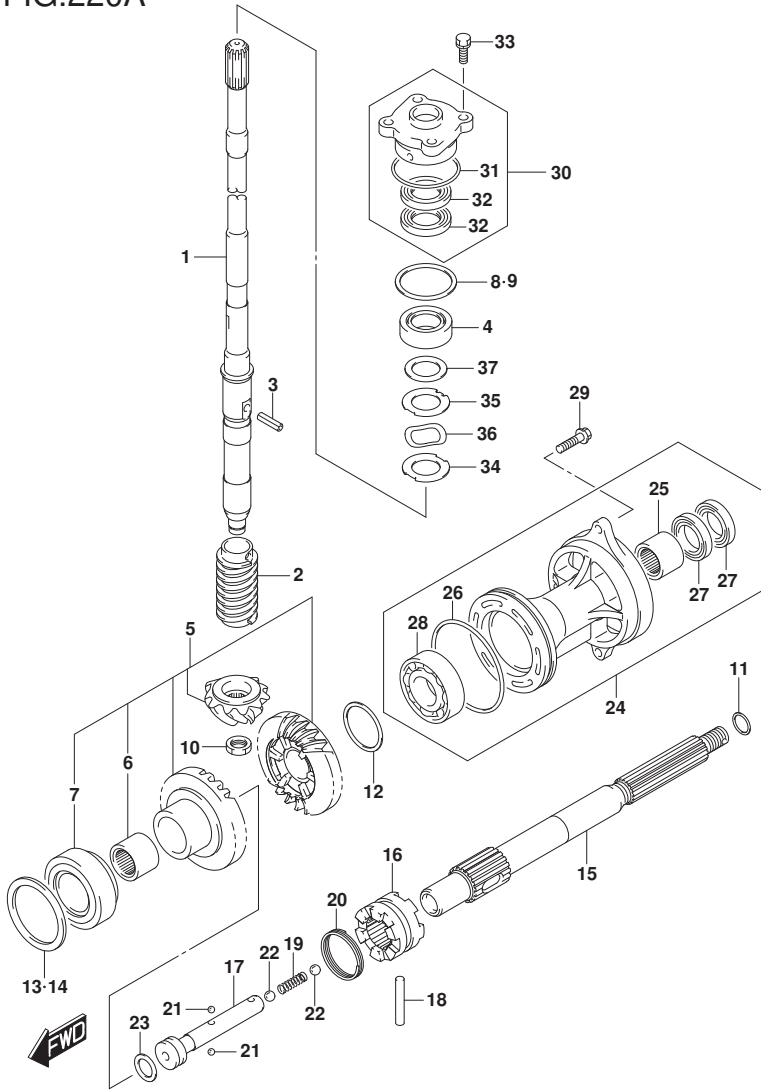


FIG.220A (1-E-3) TRANSMISSION (DF70A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
11-1	09181-25130	SHIM (T:0.50)	1	PROP SHAFT REV THRUST
11-2	09181-25139	SHIM (T:1.00)	1	PROP SHAFT REV THRUST
11-3	09181-25143	SHIM (T:1.09)	1	PROP SHAFT REV THRUST
11-4	09181-25149	SHIM (T:1.21)	1	PROP SHAFT REV THRUST
11-5	09181-25153	SHIM (T:1.30)	1	PROP SHAFT REV THRUST
11-6	09181-25072	SHIM (T:1.40)	1	PROP SHAFT REV THRUST
11-7	09181-25073	SHIM (T:1.50)	1	PROP SHAFT REV THRUST
11-8	09181-25074	SHIM (T:1.60)	1	PROP SHAFT REV THRUST
11-9	09181-25075	SHIM (T:1.70)	1	PROP SHAFT REV THRUST
12-1	09181-40018	SHIM (T:0.55)	1	REV GEAR
12-2	09181-40004	SHIM (T:0.60)	1	REV GEAR
12-3	09181-40005	SHIM (T:0.65)	1	REV GEAR
12-4	09181-40006	SHIM (T:0.70)	1	REV GEAR
12-5	09181-40007	SHIM (T:0.75)	1	REV GEAR
12-6	09181-40008	SHIM (T:0.80)	1	REV GEAR
12-7	09181-40009	SHIM (T:0.85)	1	REV GEAR
12-8	09181-40010	SHIM (T:0.90)	1	REV GEAR
12-9	09181-40011	SHIM (T:0.95)	1	REV GEAR
12-10	09181-40012	SHIM (T:1.00)	1	REV GEAR
12-11	09181-40013	SHIM (T:1.05)	1	REV GEAR
13	57500-87882	SHIM SET, FORWARD GEAR	1	FWD GEAR
14-1	09181-64002	.SHIM (T:0.55)	1	FWD GEAR
14-2	09181-64003	.SHIM (T:0.60)	1	FWD GEAR
14-3	09181-64004	.SHIM (T:0.65)	1	FWD GEAR
14-4	09181-64005	.SHIM (T:0.70)	1	FWD GEAR

FIG.220A



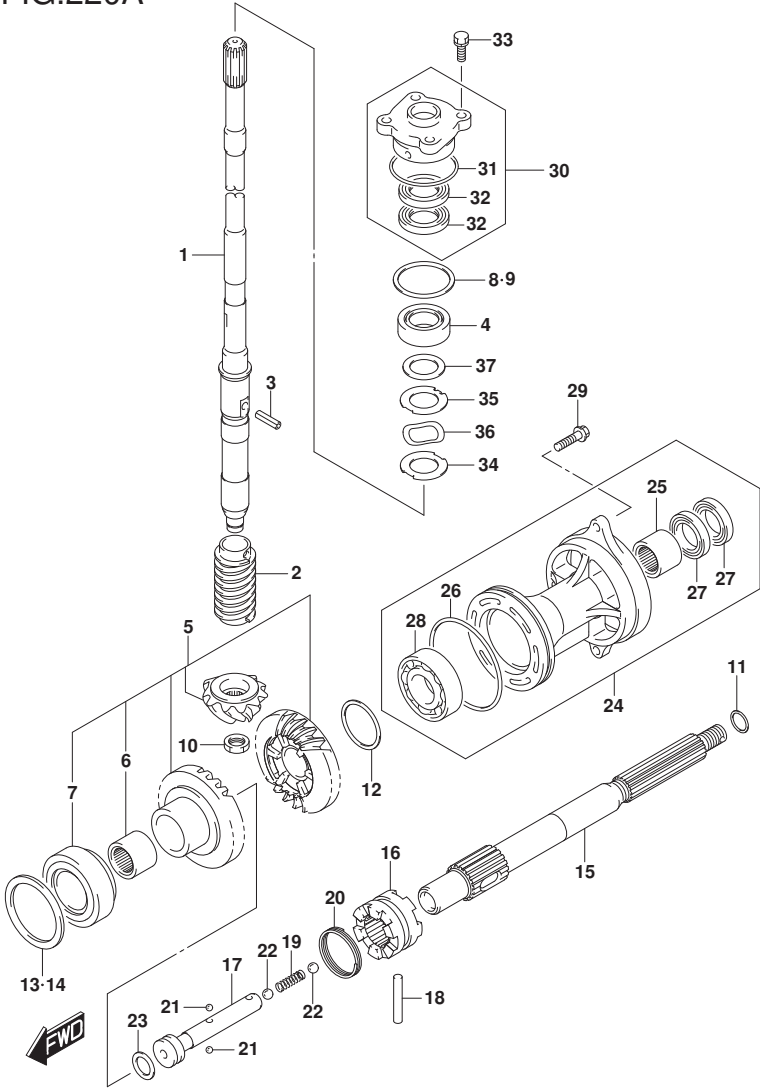
DF90A_E01_018_220A
TRANSMISSION

FIG.220A (1-E-4) TRANSMISSION (DF70A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
14-5	09181-64006	.SHIM (T:0.75)	1	FWD GEAR
14-6	09181-64007	.SHIM (T:0.80)	1	FWD GEAR
14-7	09181-64008	.SHIM (T:0.85)	1	FWD GEAR
14-8	09181-64009	.SHIM (T:0.90)	1	FWD GEAR
14-9	09181-64010	.SHIM (T:0.95)	1	FWD GEAR
14-10	09181-64011	.SHIM (T:1.00)	1	FWD GEAR
15	57610-87L00	SHAFT, PROPELLER	1	
16	57621-87L10	SHIFTER, CLUTCH DOG	1	
17	57631-87L00	PIN, CONNECTOR	1	
18	09202-07003	PIN	1	
19	09440-09043	SPRING	1	
20	09440-42002	SPRING	1	
21	06111-07004	BALL	2	
22	06111-11004	BALL	2	
23	09181-25030	SHIM (25X32X3)	1	
24-1	56120-87L30-YAY	HOUSING, PROP SHAFT BRG (BLACK)	1	
24-2	56120-87L30-Y5S	HOUSING, PROP SHAFT BRG (WHITE)	1	
25	09263-25067	.BEARING (25X32X26)	1	
26	09280-92004	.O RING (D:3.1 ID:89.4)	1	
27	09282-25001	.OIL SEAL (25X38X8)	2	
28	08113-60087	.BEARING	1	
29	09116-08122	BOLT (8X30)	2	
30	56130-87L01	HOUSING, DRIVE SHAFT OIL SEAL	1	
31	09280-46004	.O RING (D:3.5 ID:45.7)	1	

DF90A_E01_018

FIG.220A



DF90A_E01_018_220A
TRANSMISSION

FIG.220A (1-E-5) TRANSMISSION (DF70A)(DF90A)(DF100B)

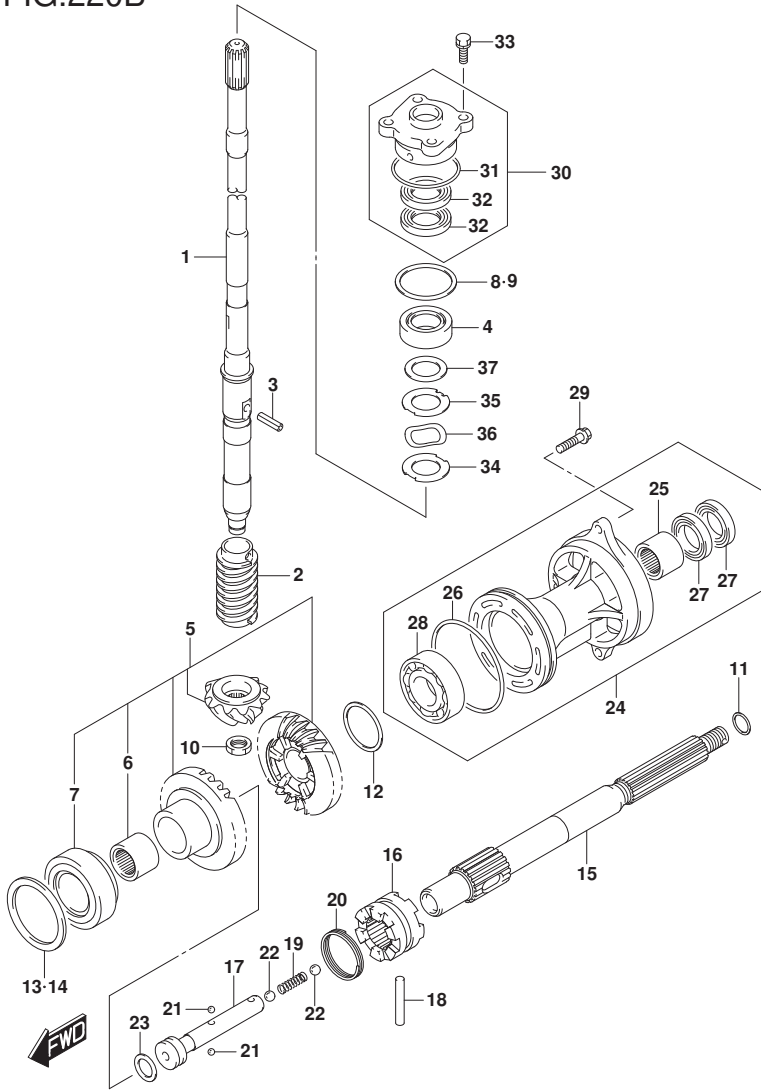
REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
32	09282-22007	.OIL SEAL (22X36X6)	2	
33	09117-08110	BOLT (8X25)	4	
34	57134-87L00	WASHER, DRIVE SHAFT	1	
35	57135-87L00	SPACER, DRIVE SHAFT	1	
36	09164-31001	WASHER	1	
37	09181-31001	SHIM (31X46X2)	1	

DF70A E01
DF70A E40
DF90A E01
DF90A E40
DF100B E01
DF100B E40

[illegible]

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	57110-87L21	SHAFT ASSY, DRIVE (L)	1	W/TRANSOM(L)
1-2	57110-87L31	SHAFT ASSY, DRIVE (X)	1	W/TRANSOM(X)
2	57133-87L01	COLLAR, DRIVE SHAFT	1	
3	09205-05011	SPRING PIN (5X14)	1	
4	09265-25046	BEARING (25X52X19.25)	1	
5	57300-87890	PINION/GEAR SET	1	
6	09263-25067	.BEARING (25X32X26)	1	
7	09265-40003	.BEARING (40X75X26)	1	
8	57500-87873	SHIM SET, DRIVE SHAFT	1	
9-1	09181-40186	.SHIM (T:0.50)	1	
9-2	09181-41002	.SHIM (T:0.55)	1	
9-3	09181-41003	.SHIM (T:0.60)	1	
9-4	09181-41004	.SHIM (T:0.65)	1	
9-5	09181-41005	.SHIM (T:0.70)	1	
9-6	09181-41006	.SHIM (T:0.75)	1	
9-7	09181-40190	.SHIM (T:0.80)	1	
9-8	09181-41008	.SHIM (T:0.85)	1	
9-9	09181-41009	.SHIM (T:0.90)	1	
9-10	09181-41010	.SHIM (T:0.95)	1	
9-11	09181-40195	.SHIM (T:1.00)	1	
9-12	09181-41012	.SHIM (T:1.05)	1	
9-13	09181-41013	.SHIM (T:1.10)	1	
9-14	09181-41014	.SHIM (T:1.15)	1	
10	09140-14024	NUT	1	

FIG.220B



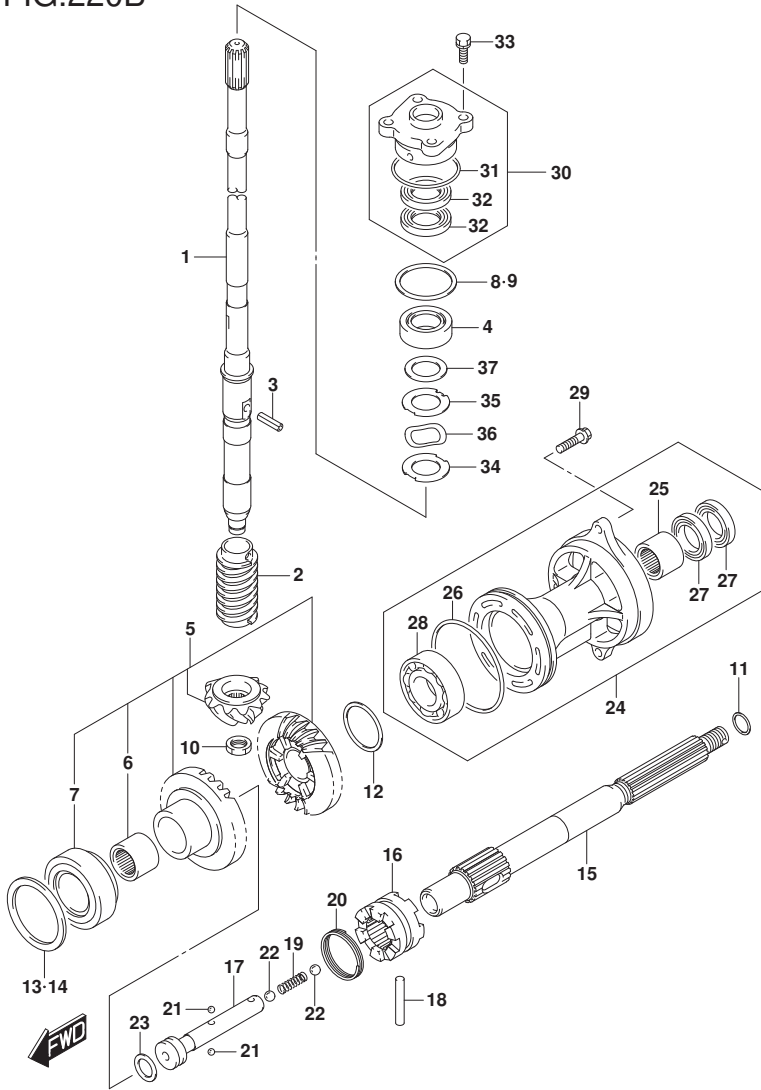
DF90A_E01_018_220B
TRANSMISSION

FIG.220B (1-E-7) TRANSMISSION (DF70ATH)(DF80A)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
11-1	09181-25130	SHIM (T:0.50)	1	PROP SHAFT REV THRUST
11-2	09181-25139	SHIM (T:1.00)	1	PROP SHAFT REV THRUST
11-3	09181-25143	SHIM (T:1.09)	1	PROP SHAFT REV THRUST
11-4	09181-25149	SHIM (T:1.21)	1	PROP SHAFT REV THRUST
11-5	09181-25153	SHIM (T:1.30)	1	PROP SHAFT REV THRUST
11-6	09181-25072	SHIM (T:1.40)	1	PROP SHAFT REV THRUST
11-7	09181-25073	SHIM (T:1.50)	1	PROP SHAFT REV THRUST
11-8	09181-25074	SHIM (T:1.60)	1	PROP SHAFT REV THRUST
11-9	09181-25075	SHIM (T:1.70)	1	PROP SHAFT REV THRUST
12-1	09181-40018	SHIM (T:0.55)	1	REV GEAR
12-2	09181-40004	SHIM (T:0.60)	1	REV GEAR
12-3	09181-40005	SHIM (T:0.65)	1	REV GEAR
12-4	09181-40006	SHIM (T:0.70)	1	REV GEAR
12-5	09181-40007	SHIM (T:0.75)	1	REV GEAR
12-6	09181-40008	SHIM (T:0.80)	1	REV GEAR
12-7	09181-40009	SHIM (T:0.85)	1	REV GEAR
12-8	09181-40010	SHIM (T:0.90)	1	REV GEAR
12-9	09181-40011	SHIM (T:0.95)	1	REV GEAR
12-10	09181-40012	SHIM (T:1.00)	1	REV GEAR
12-11	09181-40013	SHIM (T:1.05)	1	REV GEAR
13	57500-87882	SHIM SET, FORWARD GEAR	1	FWD GEAR
14-1	09181-64002	.SHIM (T:0.55)	1	FWD GEAR
14-2	09181-64003	.SHIM (T:0.60)	1	FWD GEAR
14-3	09181-64004	.SHIM (T:0.65)	1	FWD GEAR
14-4	09181-64005	.SHIM (T:0.70)	1	FWD GEAR

DF90A_E01_018

FIG.220B



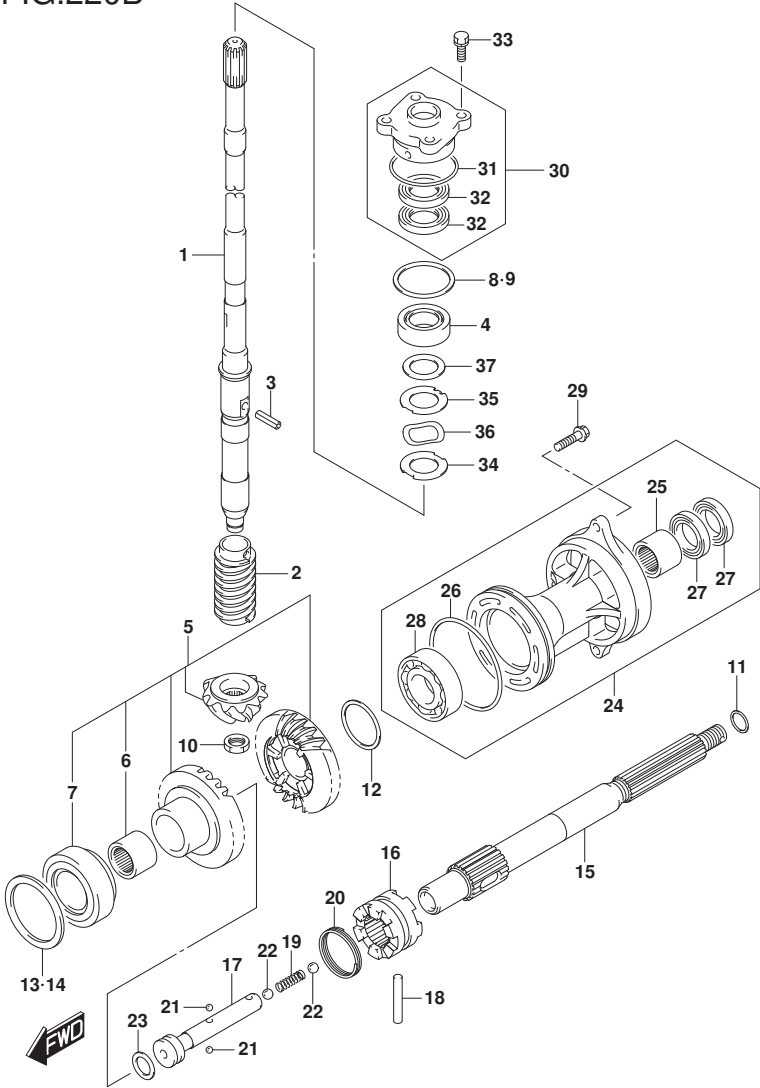
DF90A_E01_018_220B
TRANSMISSION

FIG.220B (1-E-8) TRANSMISSION (DF70ATH)(DF80A)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
14-5	09181-64006	.SHIM (T:0.75)	1	FWD GEAR
14-6	09181-64007	.SHIM (T:0.80)	1	FWD GEAR
14-7	09181-64008	.SHIM (T:0.85)	1	FWD GEAR
14-8	09181-64009	.SHIM (T:0.90)	1	FWD GEAR
14-9	09181-64010	.SHIM (T:0.95)	1	FWD GEAR
14-10	09181-64011	.SHIM (T:1.00)	1	FWD GEAR
15	57610-87L00	SHAFT, PROPELLER	1	
16	57621-87L10	SHIFTER, CLUTCH DOG	1	
17	57631-87L00	PIN, CONNECTOR	1	
18	09202-07003	PIN	1	
19	09440-09043	SPRING	1	
20	09440-42002	SPRING	1	
21	06111-07004	BALL	2	
22	06111-11004	BALL	2	
23	09181-25030	SHIM (25X32X3)	1	
24	56120-87L30-YAY	HOUSING, PROP SHAFT BRG	1	
		(BLACK)		
25	09263-25067	.BEARING (25X32X26)	1	
26	09280-92004	.O RING (D:3.1 ID:89.4)	1	
27	09282-25001	.OIL SEAL (25X38X8)	2	
28	08113-60087	.BEARING	1	
29	09116-08122	BOLT (8X30)	2	
30	56130-87L01	HOUSING, DRIVE SHAFT OIL SEAL	1	
31	09280-46004	.O RING (D:3.5, ID:45.7)	1	
32	09282-22007	.OIL SEAL (22X36X6)	2	

DF90A_E01_018

FIG.220B



DF90A_E01_018_220B
TRANSMISSION

FIG.220B (1-E-9) TRANSMISSION (DF70ATH)(DF80A)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
33	09117-08110	BOLT (8X25)	4	
34	57134-87L00	WASHER, DRIVE SHAFT	1	
35	57135-87L00	SPACER, DRIVE SHAFT	1	
36	09164-31001	WASHER	1	
37	09181-31001	SHIM (31X46X2)	1	

DF70ATH E01
DF70ATH E40
DF80A E01
DF80A E40
DF90ATH E01
DF90ATH E40

FIG.301A

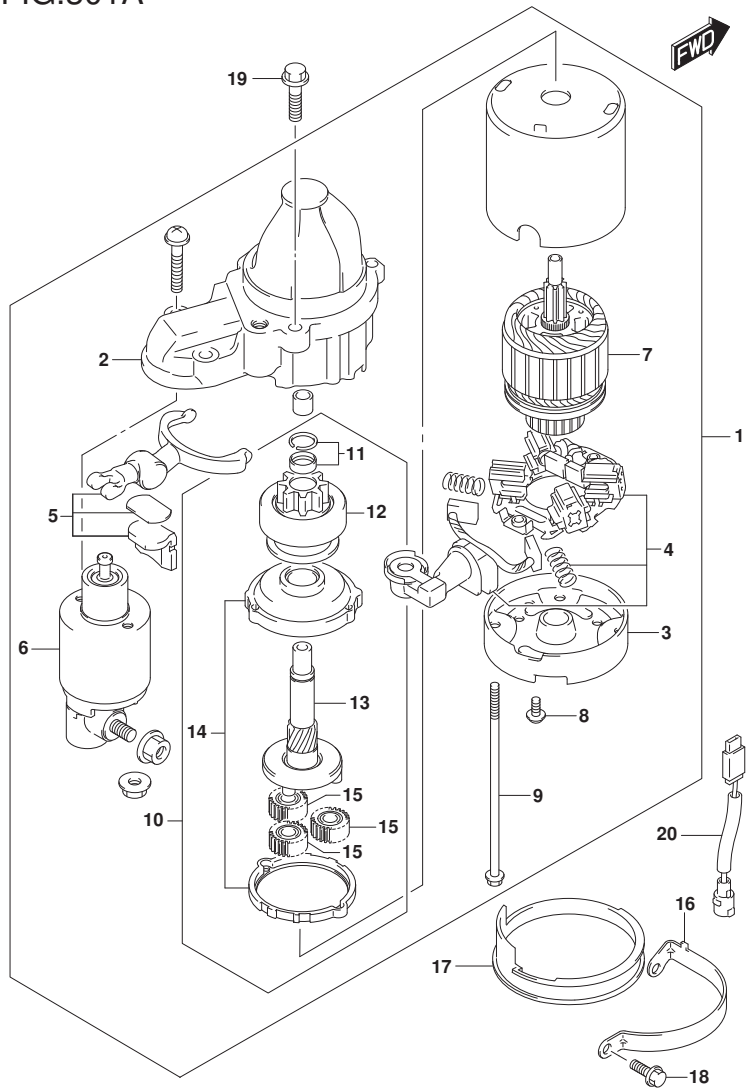


FIG.301A (1-E-10) STARTING MOTOR

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	31100-98L10	STARTING MOTOR	1	
2	31150-98L00	.CASE, GEAR	1	
3	31170-92J00	.HOUSING, REAR	1	
4	31173-98L00	.HOLDER ASSY, BRUSH	1	
5	31191-63J00	.LEVER ASSY	1	
6	31220-98L10	.SWITCH ASSY	1	
7	31311-63J00	ARMATURE	1	
8	31192-92J00	.SCREW SET	1	
9	31261-75F10	.BOLT, THROUGH	2	
10	31340-98L00	.CLUTCH SET, STARTER	1	
11	31313-86030	..STOPPER SET	1	
12	31320-98L00	..PINION	1	
13	31341-98L00	..SHAFT, PINION	1	
14	31343-63J00	..INTERNAL GEAR	1	
15	31344-63J00	..GEAR ASSY	3	
16	31912-87L00	BAND, STARTING MOTOR	1	
17	31918-92J01	DAMPER, LOWER	1	
18	01550-0616C	BOLT	1	
19	01550-08207	BOLT	1	
20	01550-0835C	BOLT	2	

FIG.303A

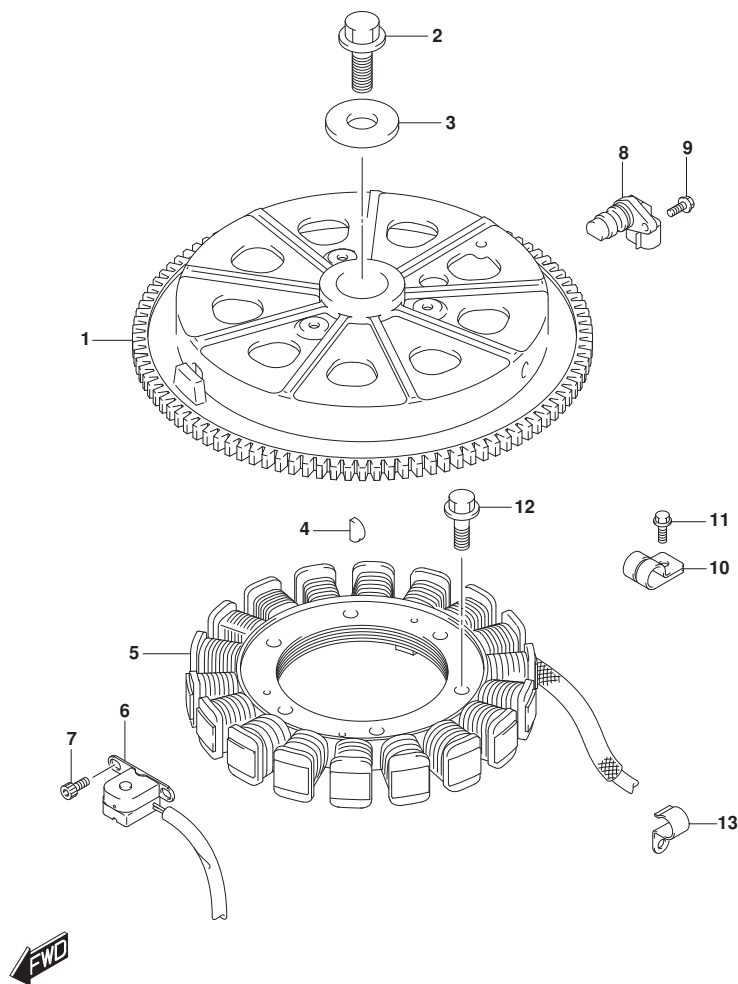


FIG.303A (1-E-11) MAGNETO

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	32102-87L00	FLYWHEEL	1	
2	09103-16004	BOLT (16X50)	1	
3	09160-16047	WASHER (16.5X48.5X4.5)	1	
4	09420-04008	KEY	1	
5	32120-87L10	COIL, BATTERY CHARGING	1	
6	32160-87L00	COIL, IGNITION TIMING	1	
7	09106-05030	BOLT (5X10)	2	
8	33220-64L10	SENSOR ASSY, CAM POSITION	1	
9	01550-0616C	BOLT	1	
10	09403-13408	CLAMP	2	
11	01550-0612C	BOLT	2	
12	09103-06211	BOLT (6X25)	3	
13	09403-20301	CLAMP	1	

FIG.310A

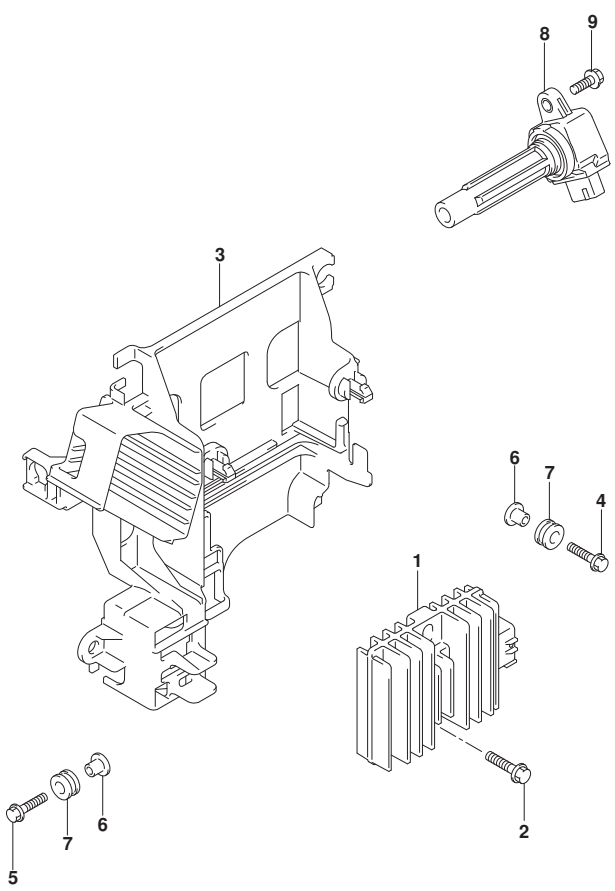


FIG.310A (1-E-12) RECTIFIER/IGNITION COIL

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	32800-87L00	RECTIFIER/REGULATOR ASSY	1	
2	01550-0625C	BOLT	2	
3	32890-87L10	HOLDER, ELECTRIC PARTS	1	
4	09116-06202	BOLT (6X25)	2	
5	01550-0625C	BOLT	1	
6	09169-06062	WASHER	3	
7	09320-09016	CUSHION	3	
8	33410-87L00	COIL ASSY, IGNITION	4	
9	01550-0620C	BOLT	4	



FIG.315A

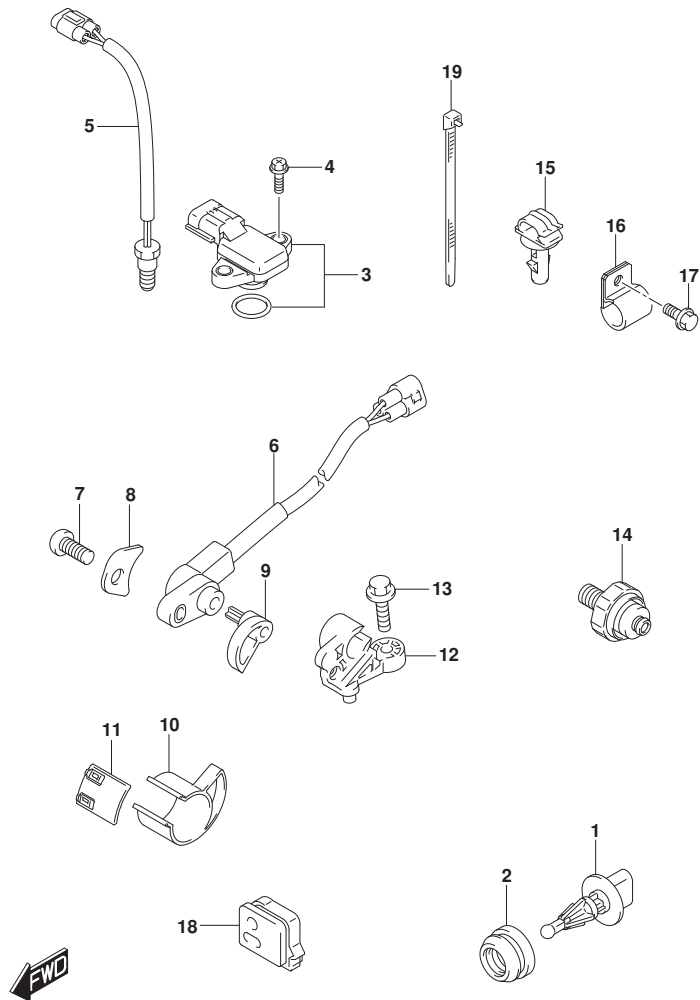
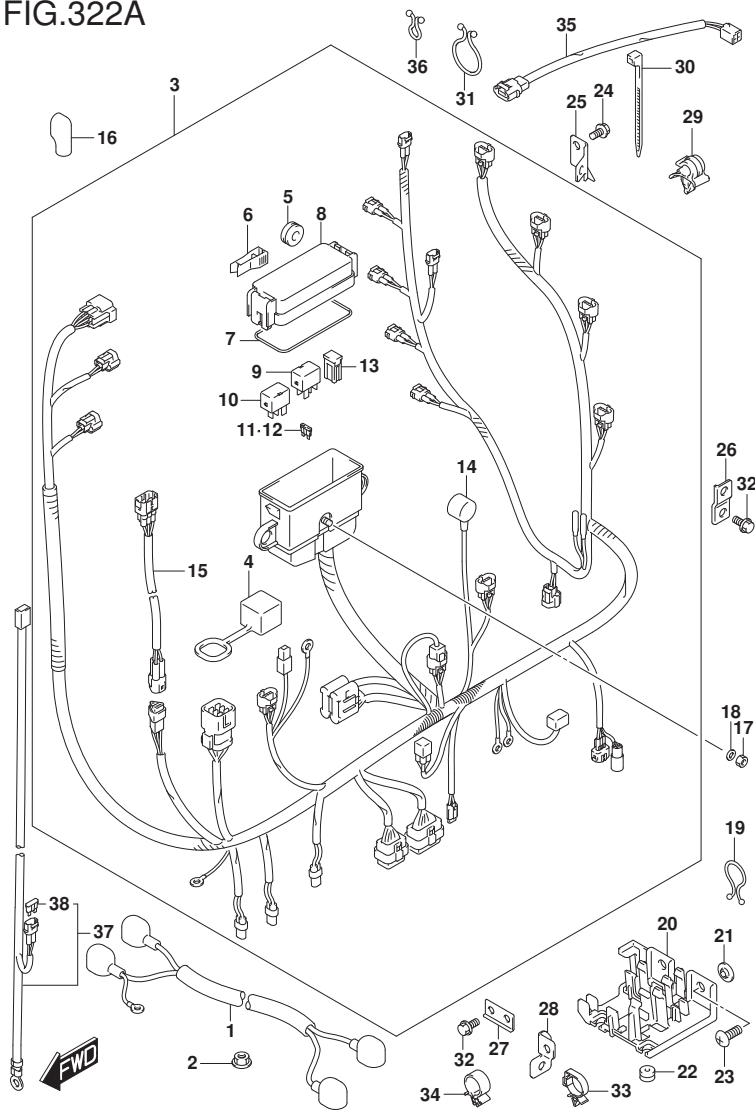


FIG.315A (1-E-13) SENSOR

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	13650-52G00	SENSOR, INLET AIR TEMP	1	
2	13655-87J00	GROMMET, AIR TEMP SENSOR	1	
3	18590-68H00	SENSOR, PRESSURE	1	
4	02162-05207	SCREW	2	
5	34830-87J20	SENSOR ASSY	1	FOR CYLINDER TEMP
6	34840-98J11	SENSOR ASSY, TRIM	1	
7	09125-05046	SCREW (5X12)	1	
8	34846-87L00	WASHER (5.5X12X0.8)	1	
9	34841-87L10	LEVER, TRIM SENSOR	1	
10	34842-87L01	CAM, TRIM SENSOR UPPER	1	
11	34843-87L00	CAM, TRIM SENSOR LOWER	1	
12	34845-87L10	BRACKET, TRIM SENSOR	1	
13	09103-06093	BOLT (6X20)	1	
14	37820-99E02	SWITCH, OIL PRESSURE	1	
15	09403-07338	CLAMP	1	
16	09403-19409	CLAMP	1	
17	29103-93J00	BOLT, PTT CABLE CLAMP	1	
18	36656-87L00	GROMMET, PTT CABLE	1	
19	09407-14407	CLAMP (L:145)	2	

FIG.322A



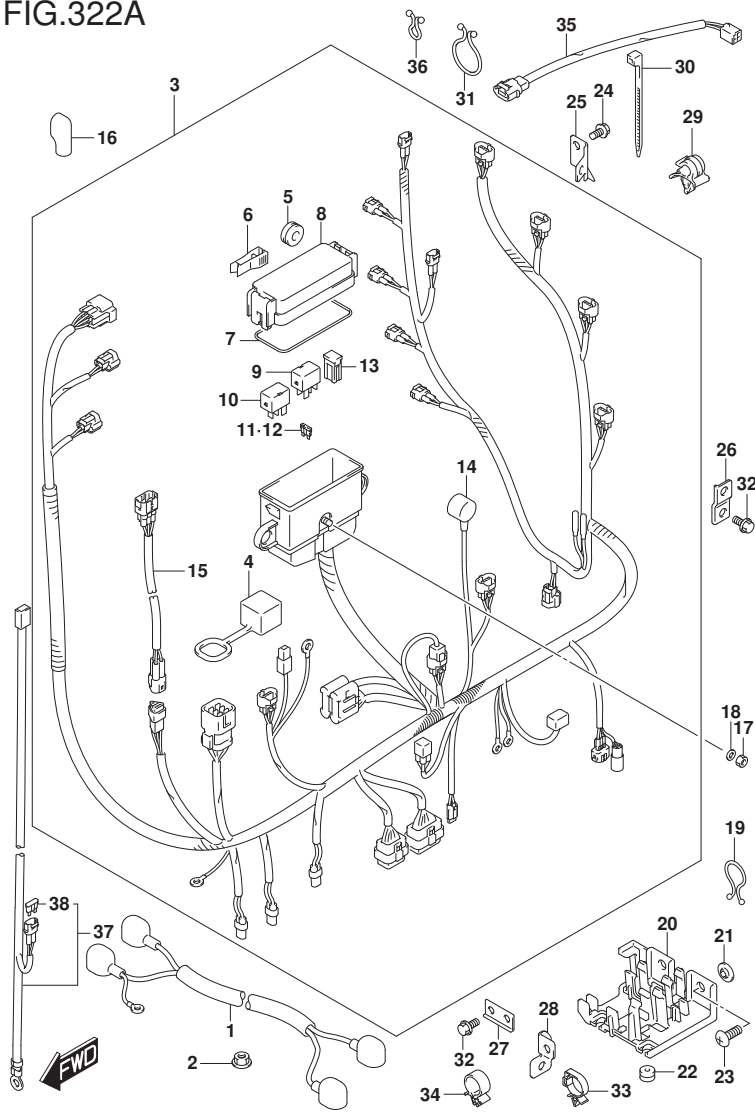
DF90A_E01_018_322A
HARNESS

FIG.322A (1-E-14) HARNESS (DF70A)(DF70ATH)(DF80A)(DF90A)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	33810-90J20	CABLE, STARTER MOTOR	1	
2	08316-10087	NUT	1	
3	36610-87L70	HARNESS ASSY, WIRING	1	
4	33634-96J00	.CAP, SERVICE CONNECTOR	1	
5	09320-08021	.CUSHION	2	
6	36737-96J00	.PULLER, FUSE	1	
7	36721-96J00	.O RING, UPPER COVER	1	
8	36738-87L00	.COVER, FUSE CASE UPPER	1	
9	38860-76F01	.RELAY ASSY	1	ENGINE CONTROL UNIT STARTER MOTOR
10	38860-76F01	.RELAY ASSY	1	
11	09481-10501	.FUSE (10A)	3	
12	09481-30501	.FUSE (30A)	3	
13	09481-40401	.FUSE (40A)	2	
14	36618-43410	.CAP, OIL PRESSURE SWITCH	1	
15	36611-87L10	.HARNESS ASSY, WIRING SUB	1	
16	36612-96J00	CAP, TERMINAL	1	
17	08310-00067	NUT	1	
18	08321-01067	WASHER	1	
19	09408-00021	CLIP (ID:16)	1	
20	36616-87L00	HOLDER, CABLE	1	
21	09169-06053	WASHER	2	

DF90A_E01_018

FIG.322A



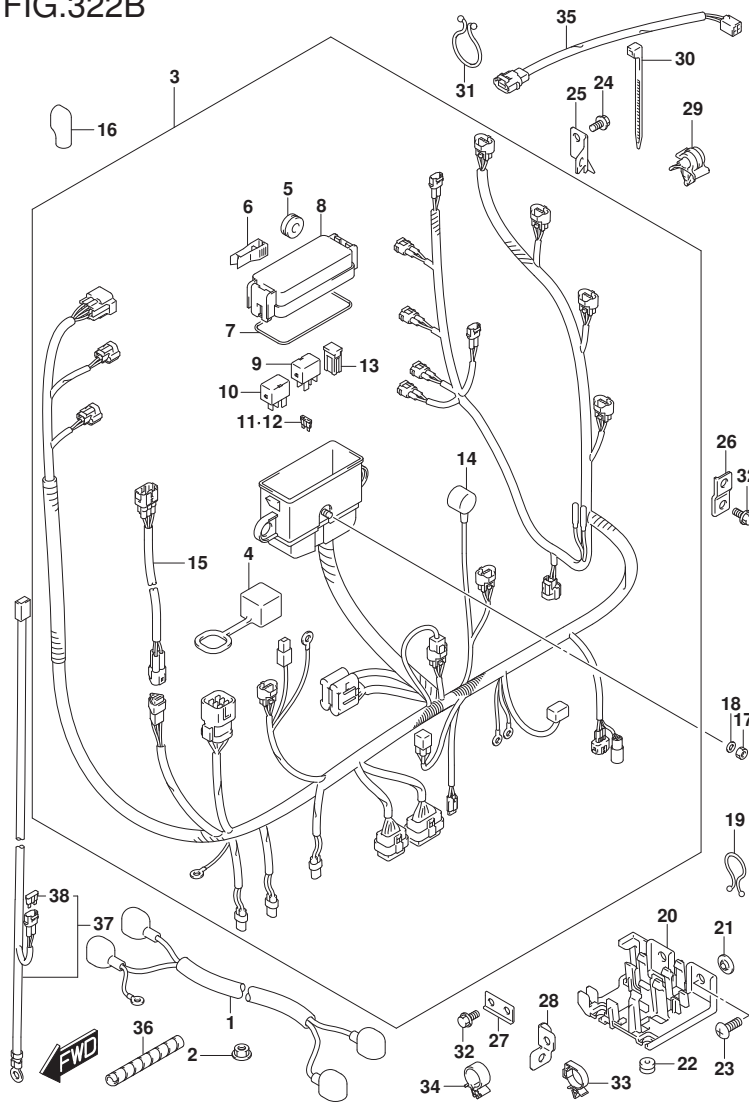
DF90A_E01_018_322A
HARNESS

FIG.322A (1-E-15) HARNESS (DF70A)(DF70ATH)(DF80A)(DF90A)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
22	09320-04009	BUSH	2	
23	02142-06167	SCREW	2	
24	01550-06127	BOLT	1	
25	36617-87L00	CLAMP, HARNESS	1	
26	36617-93J00	BRACKET, HARNESS	1	
27	36617-87L10	CLAMP, HARNESS	1	
28	36617-87L20	CLAMP, HARNESS	1	
29	09403-07308	CLAMP	1	
30	09407-14407	CLAMP (L:145)	1	
31	09408-00024	CLIP (ID:23)	1	
32	01550-0612C	BOLT	2	
33	09403-11321	CLAMP	1	
34	09403-12409	CLAMP	1	
35	36611-87L00	HARNESS ASSY, WIRING SUB	1	
36	09408-00020	CLIP	1	
37	36625-93J10	LEAD, BATTERY (L:6500)	1	OPT
38	09481-15501	.FUSE (15A)	1	OPT

DF70A E01
DF70A E40
DF70ATH E01
DF70ATH E40
DF80A E01
DF80A E40
DF90A E01
DF90A E40
DF90ATH E01
DF90ATH E40

FIG.322B



DF90A_E01_018_322B
HARNESS

FIG.322B (1-F-2) HARNESS (DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	33810-90J20	CABLE, STARTER MOTOR	1	
2	08316-10087	NUT	1	
3	36610-87L80	HARNESS ASSY, WIRING	1	
4	33634-96J00	.CAP, SERVICE CONNECTOR	1	
5	09320-08021	.CUSHION	2	
6	36737-96J00	.PULLER, FUSE	1	
7	36721-96J00	.O RING, UPPER COVER	1	
8	36738-87L00	.COVER, FUSE CASE UPPER	1	
9	38860-76F01	.RELAY ASSY	1	ENGINE CONTROL UNIT STARTER MOTOR
10	38860-76F01	.RELAY ASSY	1	
11	09481-10501	.FUSE (10A)	3	
12	09481-30501	.FUSE (30A)	3	
13	09481-40401	.FUSE (40A)	2	
14	36618-43410	.CAP, OIL PRESSURE SWITCH	1	
15	36611-87L10	.HARNESS ASSY, WIRING SUB	1	
16	36612-96J00	CAP, TERMINAL	1	
17	08310-00067	NUT	1	
18	08321-01067	WASHER	1	
19	09408-00021	CLIP (ID:16)	1	
20	36616-87L00	HOLDER, CABLE	1	
21	09169-06053	WASHER	2	
22	09320-04009	BUSH	2	
23	02142-06167	SCREW	2	
24	01550-06127	BOLT	1	
25	36617-87L00	CLAMP, HARNESS	1	
26	36617-93J00	BRACKET, HARNESS	1	
27	36617-87L10	CLAMP, HARNESS	1	
28	36617-87L20	CLAMP, HARNESS	1	
29	09403-07308	CLAMP	1	

DF90A_E01_018

FIG.322B

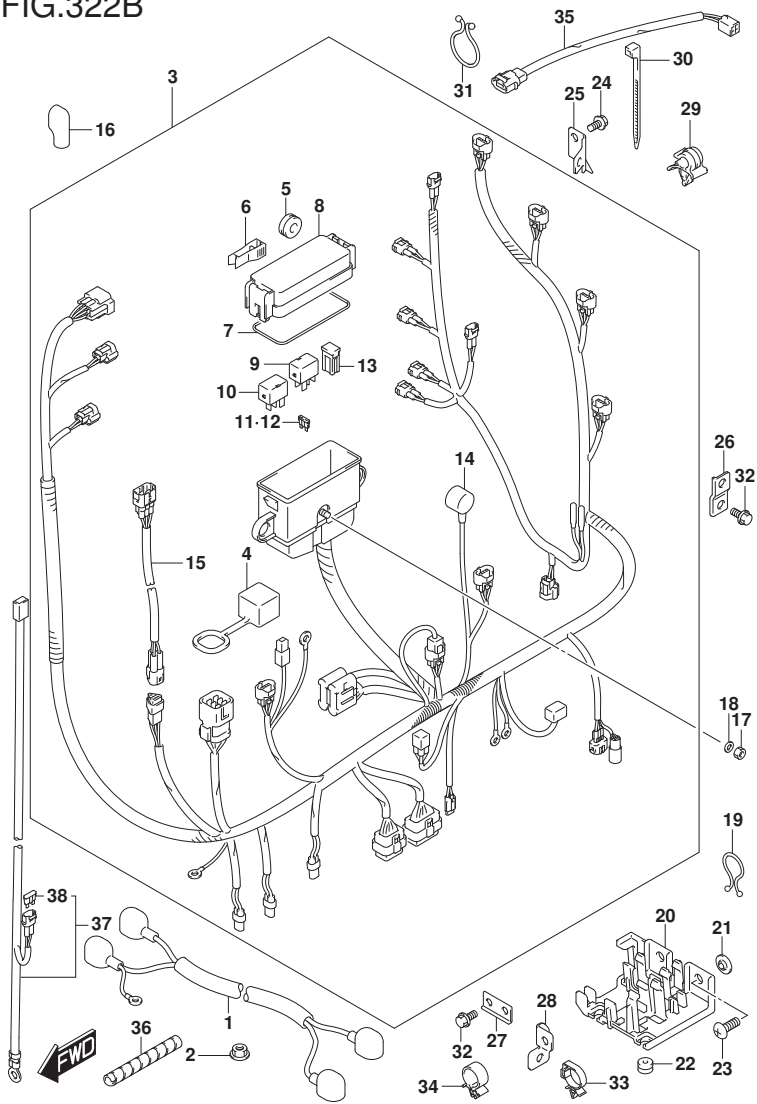


FIG.322B (1-F-3) HARNESS (DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
30	09407-14407	CLAMP (L:145)	1	
31	09408-00024	CLIP (ID:23)	1	
32	01550-0612C	BOLT	2	
33	09403-11321	CLAMP	1	
34	09403-12409	CLAMP	1	
35	36611-87L00	HARNESS ASSY, WIRING SUB	1	
36	33833-87L00	TUBE, SPIRAL	1	
37	36625-93J10	LEAD, BATTERY (L:6500)	1	OPT
38	09481-15501	.FUSE (15A)	1	OPT

DF100B E01
DF100B E40

FIG.326A

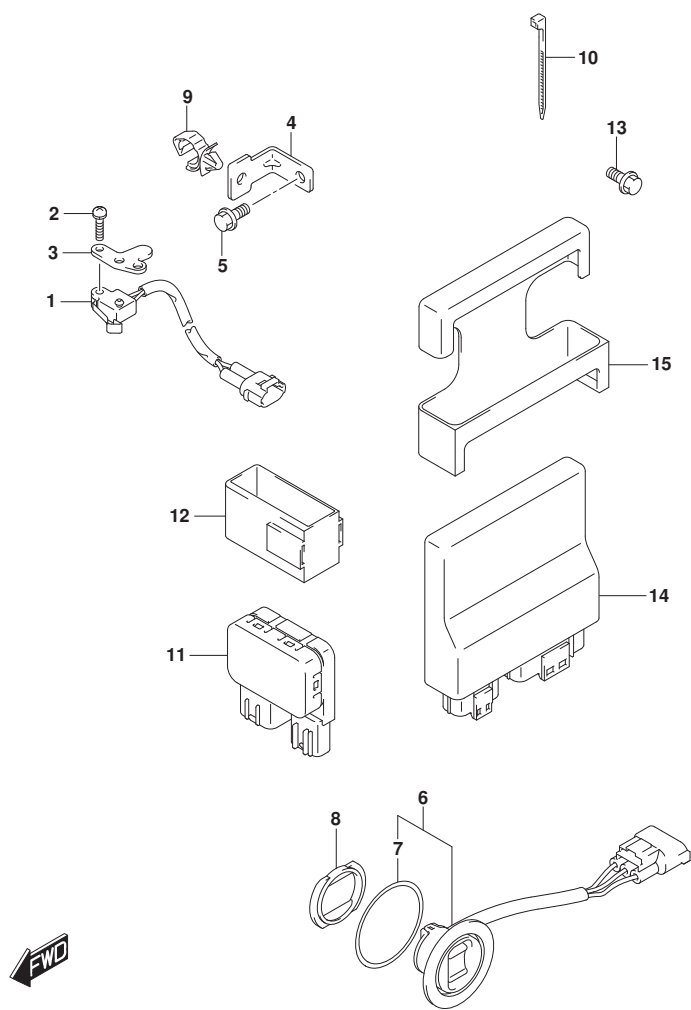


FIG.326A (1-F-4) PTT SWITCH/ENGINE CONTROL UNIT (DF70A E01)(DF70ATH E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	37721-93J00	SWITCH ASSY, NEUTRAL	1	
2	09137-04004	SCREW (4X16)	2	
3	37726-90J10	BRACKET, NEUTRAL SWITCH	1	
4	37726-87L00	BRACKET, SWITCH LEAD CLAMP	1	
5	01550-0612C	BOLT	1	
6	37850-92J00	SWITCH ASSY, PTT	1	
7	37856-92J00	.TAPE, PTT SWITCH	1	
8	37857-92J00	BUSH, PTT SWITCH	1	
9	09403-11321	CLAMP	1	
10	09407-10404	CLAMP (L:100)	1	
11	38410-93J21	RELAY ASSY, PTT	1	
12	38415-93J20	HOLDER, PTT RELAY	1	
13	01550-06127	BOLT	1	
14	33940-87LC0	UNIT, ENGINE CONTROL	1	
15	33925-92J00	CUSHION, ENGINE CONTROL UNIT	1	

DF70A E01
DF70ATH E01

FIG.326B

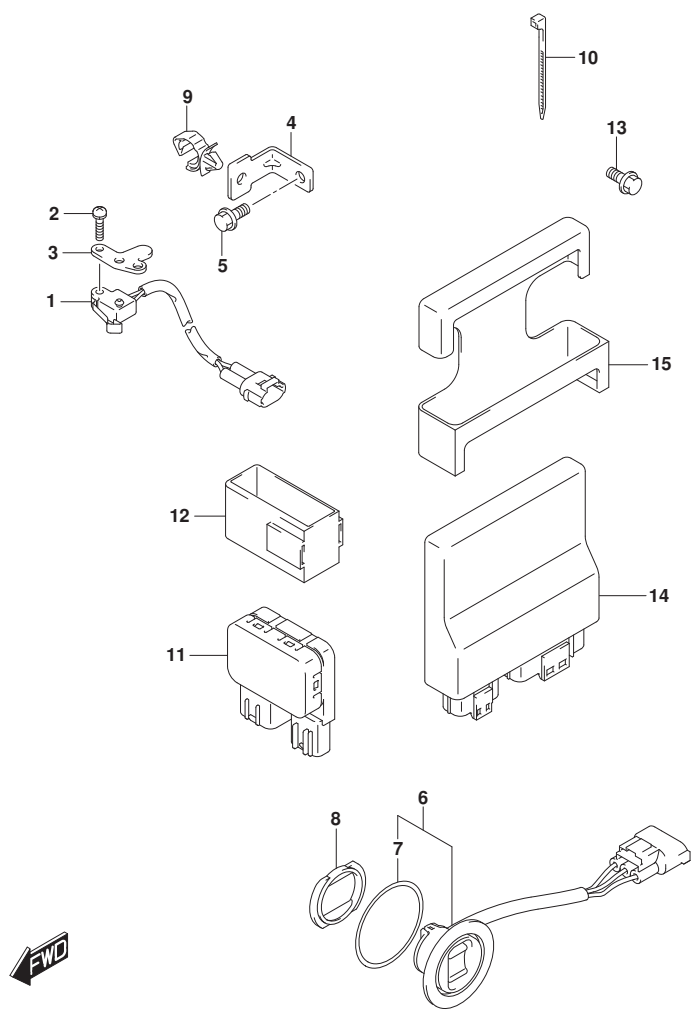


FIG.326B (1-F-5) PTT SWITCH/ENGINE CONTROL UNIT (DF70A E40)(DF70ATH E40)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	37721-93J00	SWITCH ASSY, NEUTRAL	1	
2	09137-04004	SCREW (4X16)	2	
3	37726-90J10	BRACKET, NEUTRAL SWITCH	1	
4	37726-87L00	BRACKET, SWITCH LEAD CLAMP	1	
5	01550-06127	BOLT	1	
6	37850-92J00	SWITCH ASSY, PTT	1	
7	37856-92J00	.TAPE, PTT SWITCH	1	
8	37857-92J00	BUSH, PTT SWITCH	1	
9	09403-11321	CLAMP	1	
10	09407-10404	CLAMP (L:100)	1	
11	38410-93J21	RELAY ASSY, PTT	1	
12	38415-93J20	HOLDER, PTT RELAY	1	
13	01550-06127	BOLT	1	
14	33940-87LD0	UNIT, ENGINE CONTROL	1	
15	33925-92J00	CUSHION, ENGINE CONTROL UNIT	1	

DF70A E40
DF70ATH E40

FIG.326C

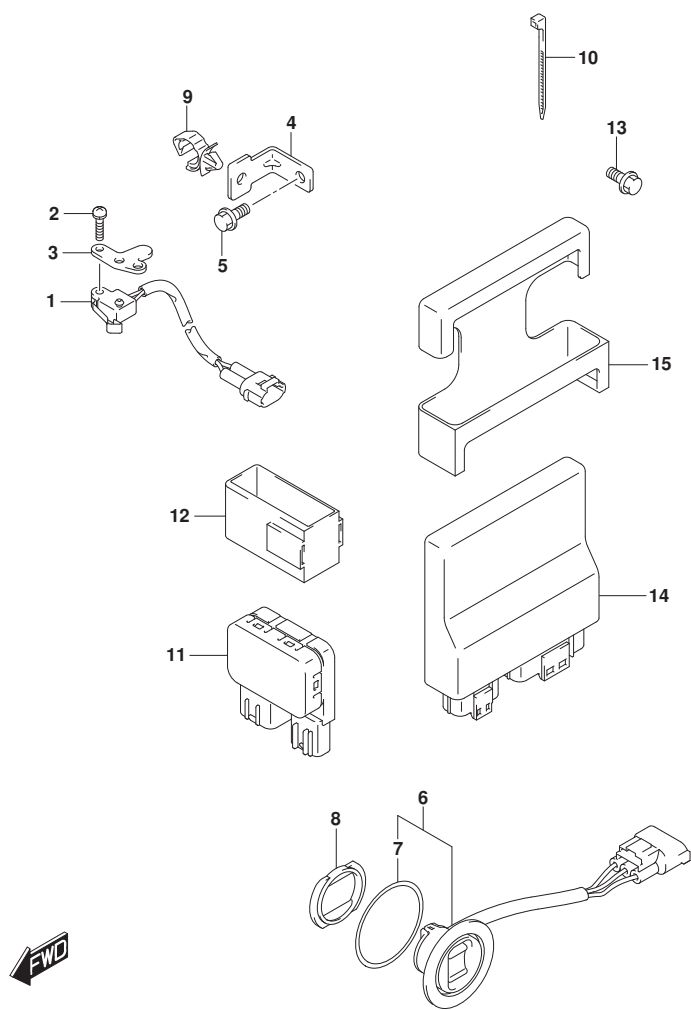


FIG.326C (1-F-6) PTT SWITCH/ENGINE CONTROL UNIT (DF80A E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	37721-93J00	SWITCH ASSY, NEUTRAL	1	
2	09137-04004	SCREW (4X16)	2	
3	37726-90J10	BRACKET, NEUTRAL SWITCH	1	
4	37726-87L00	BRACKET, SWITCH LEAD CLAMP	1	
5	01550-06127	BOLT	1	
6	37850-92J00	SWITCH ASSY, PTT	1	
7	37856-92J00	.TAPE, PTT SWITCH	1	
8	37857-92J00	BUSH, PTT SWITCH	1	
9	09403-11321	CLAMP	1	
10	09407-10404	CLAMP (L:100)	1	
11	38410-93J21	RELAY ASSY, PTT	1	
12	38415-93J20	HOLDER, PTT RELAY	1	
13	01550-06127	BOLT	1	
14	33940-87L80	UNIT, ENGINE CONTROL	1	
15	33925-92J00	CUSHION, ENGINE CONTROL UNIT	1	

DF80A E01

FIG.326D

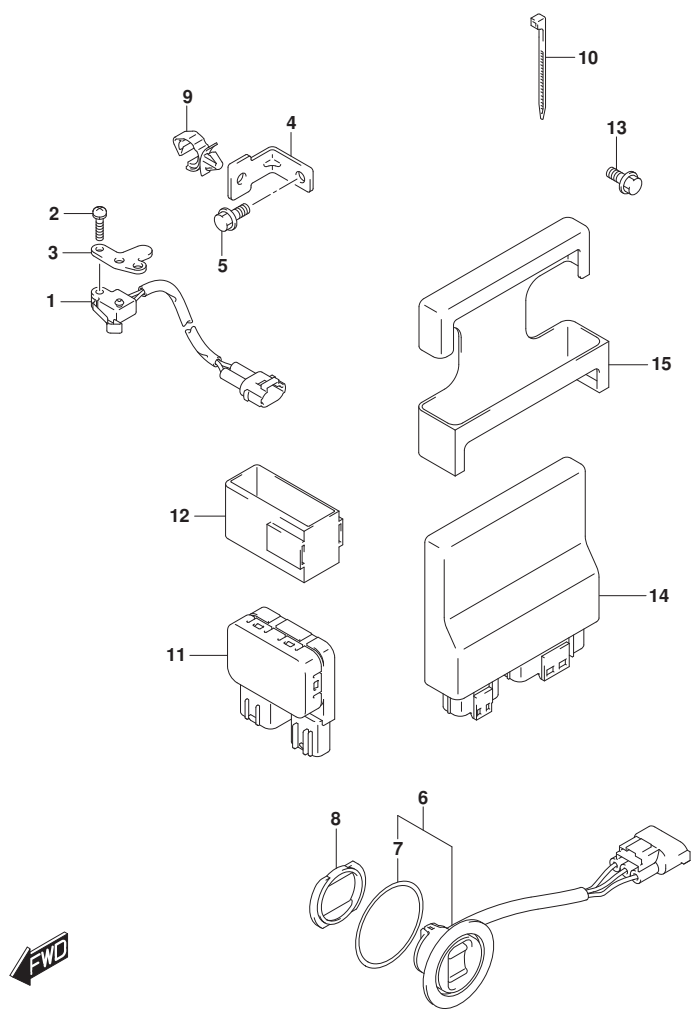


FIG.326D (1-F-7) PTT SWITCH/ENGINE CONTROL UNIT (DF80A E40)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	37721-93J00	SWITCH ASSY, NEUTRAL	1	
2	09137-04004	SCREW (4X16)	2	
3	37726-90J10	BRACKET, NEUTRAL SWITCH	1	
4	37726-87L00	BRACKET, SWITCH LEAD CLAMP	1	
5	01550-06127	BOLT	1	
6	37850-92J00	SWITCH ASSY, PTT	1	
7	37856-92J00	.TAPE, PTT SWITCH	1	
8	37857-92J00	BUSH, PTT SWITCH	1	
9	09403-11321	CLAMP	1	
10	09407-10404	CLAMP (L:100)	1	
11	38410-93J21	RELAY ASSY, PTT	1	
12	38415-93J20	HOLDER, PTT RELAY	1	
13	01550-06127	BOLT	1	
14	33940-87L90	UNIT, ENGINE CONTROL	1	
15	33925-92J00	CUSHION, ENGINE CONTROL UNIT	1	

DF80A E40

FIG.326E

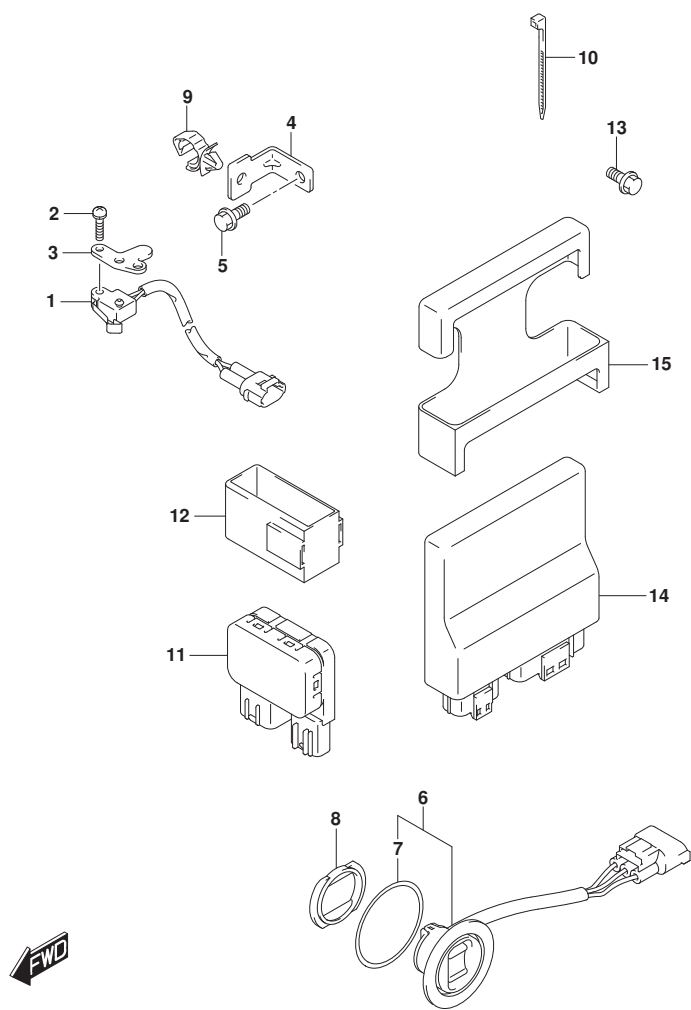


FIG.326E (1-F-8) PTT SWITCH/ENGINE CONTROL UNIT (DF90A E01)(DF90ATH E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	37721-93J00	SWITCH ASSY, NEUTRAL	1	
2	09137-04004	SCREW (4X16)	2	
3	37726-90J10	BRACKET, NEUTRAL SWITCH	1	
4	37726-87L00	BRACKET, SWITCH LEAD CLAMP	1	
5	01550-06127	BOLT	1	
6	37850-92J00	SWITCH ASSY, PTT	1	
7	37856-92J00	.TAPE, PTT SWITCH	1	
8	37857-92J00	BUSH, PTT SWITCH	1	
9	09403-11321	CLAMP	1	
10	09407-10404	CLAMP (L:100)	1	
11	38410-93J21	RELAY ASSY, PTT	1	
12	38415-93J20	HOLDER, PTT RELAY	1	
13	01550-06127	BOLT	1	
14	33940-87LA0	UNIT, ENGINE CONTROL	1	
15	33925-92J00	CUSHION, ENGINE CONTROL UNIT	1	

DF90A E01
DF90ATH E01

FIG.326F

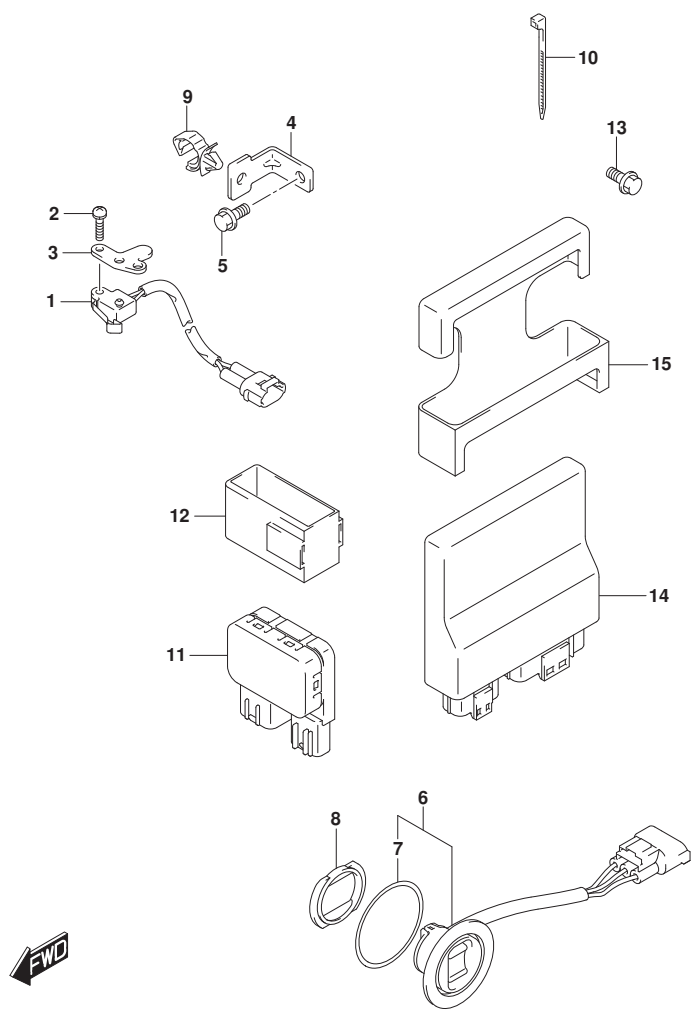


FIG.326F (1-F-9) PTT SWITCH/ENGINE CONTROL UNIT (DF90A E40)(DF90ATH E40)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	37721-93J00	SWITCH ASSY, NEUTRAL	1	
2	09137-04004	SCREW (4X16)	2	
3	37726-90J10	BRACKET, NEUTRAL SWITCH	1	
4	37726-87L00	BRACKET, SWITCH LEAD CLAMP	1	
5	01550-06127	BOLT	1	
6	37850-92J00	SWITCH ASSY, PTT	1	
7	37856-92J00	.TAPE, PTT SWITCH	1	
8	37857-92J00	BUSH, PTT SWITCH	1	
9	09403-11321	CLAMP	1	
10	09407-10404	CLAMP (L:100)	1	
11	38410-93J21	RELAY ASSY, PTT	1	
12	38415-93J20	HOLDER, PTT RELAY	1	
13	01550-06127	BOLT	1	
14	33940-87LB0	UNIT, ENGINE CONTROL	1	
15	33925-92J00	CUSHION, ENGINE CONTROL UNIT	1	

DF90A E40
DF90ATH E40

FIG.326G

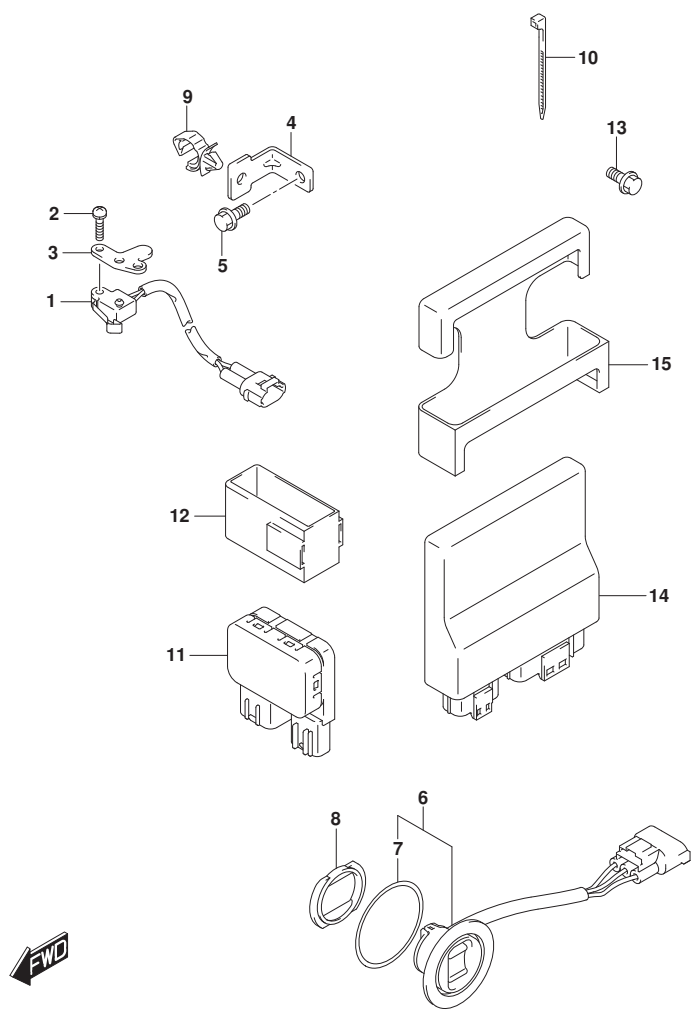


FIG.326G (1-F-10) PTT SWITCH/ENGINE CONTROL UNIT (DF100B E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	37721-93J00	SWITCH ASSY, NEUTRAL	1	
2	09137-04004	SCREW (4X16)	2	
3	37726-90J10	BRACKET, NEUTRAL SWITCH	1	
4	37726-87L00	BRACKET, SWITCH LEAD CLAMP	1	
5	01550-06127	BOLT	1	
6	37850-92J00	SWITCH ASSY, PTT	1	
7	37856-92J00	.TAPE, PTT SWITCH	1	
8	37857-92J00	BUSH, PTT SWITCH	1	
9	09403-11321	CLAMP	1	
10	09407-10404	CLAMP (L:100)	1	
11	38410-93J21	RELAY ASSY, PTT	1	
12	38415-93J20	HOLDER, PTT RELAY	1	
13	01550-06127	BOLT	1	
14	33940-87L60	UNIT, ENGINE CONTROL	1	
15	33925-92J00	CUSHION, ENGINE CONTROL UNIT	1	

DF100B E01

FIG.326H

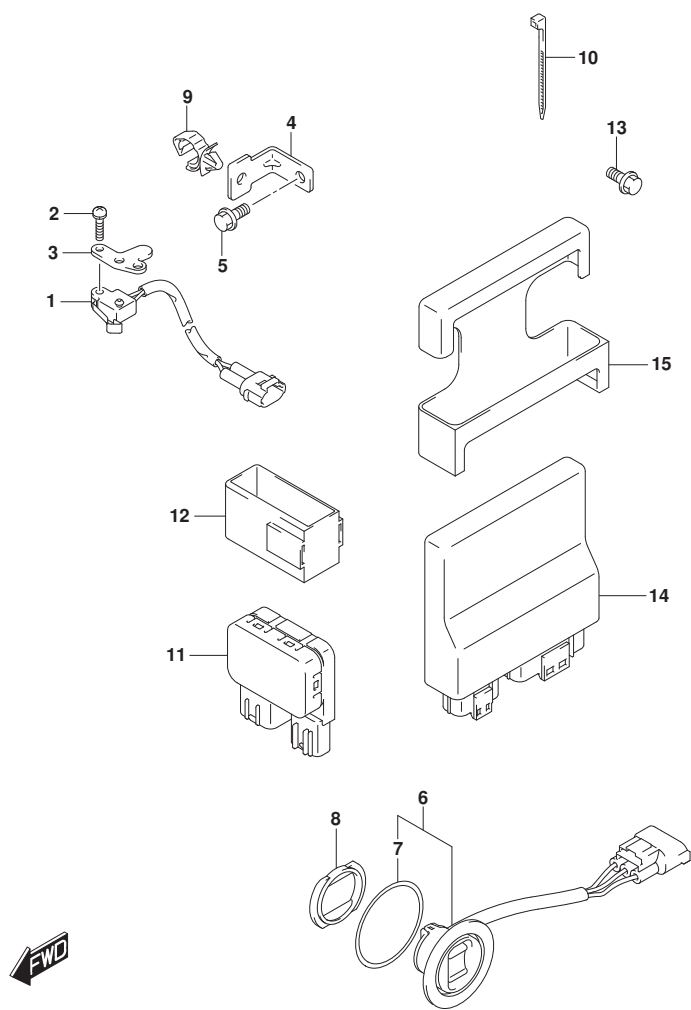


FIG.326H (1-F-11) PTT SWITCH/ENGINE CONTROL UNIT (DF100B E40)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	37721-93J00	SWITCH ASSY, NEUTRAL	1	
2	09137-04004	SCREW (4X16)	2	
3	37726-90J10	BRACKET, NEUTRAL SWITCH	1	
4	37726-87L00	BRACKET, SWITCH LEAD CLAMP	1	
5	01550-06127	BOLT	1	
6	37850-92J00	SWITCH ASSY, PTT	1	
7	37856-92J00	.TAPE, PTT SWITCH	1	
8	37857-92J00	BUSH, PTT SWITCH	1	
9	09403-11321	CLAMP	1	
10	09407-10404	CLAMP (L:100)	1	
11	38410-93J21	RELAY ASSY, PTT	1	
12	38415-93J20	HOLDER, PTT RELAY	1	
13	01550-06127	BOLT	1	
14	33940-87L70	UNIT, ENGINE CONTROL	1	
15	33925-92J00	CUSHION, ENGINE CONTROL UNIT	1	

DF100B E40

FIG.331A

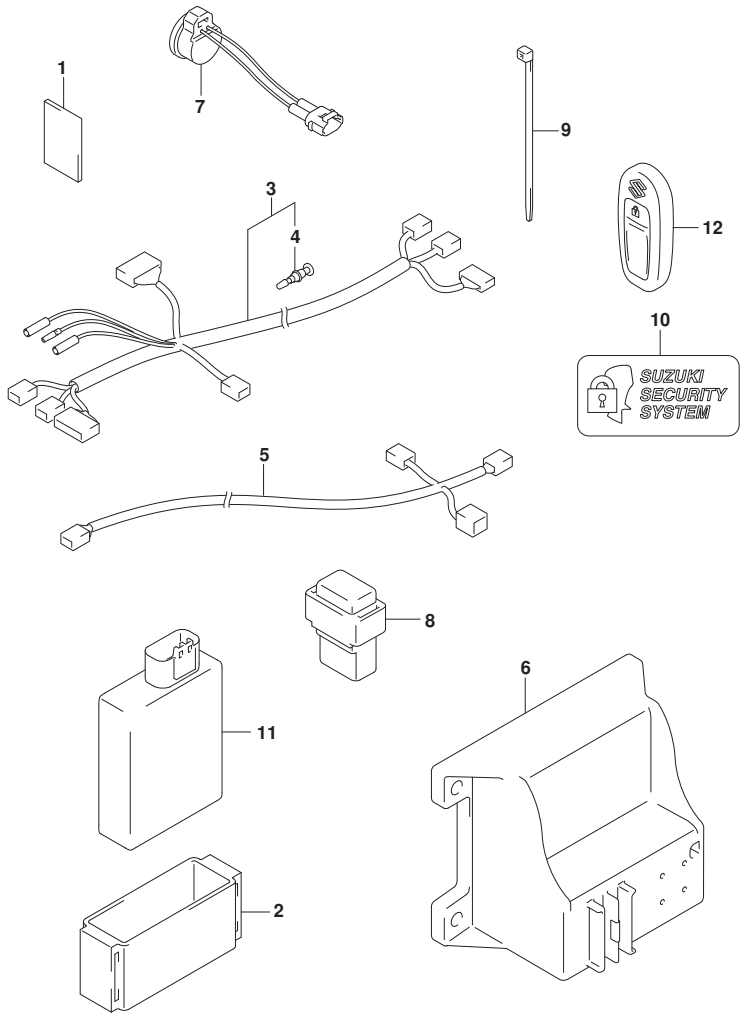


FIG.331A (1-F-12) KEY LESS START (DF70A E01)(DF80A E01)(DF90A E01)(DF100B E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	32851-93J00	CUSHION, LEAD WIRE	1	
2	32980-38F00	HOLDER, KLS CONT	1	
3	36623-96L10	HARNESS ASSY, KLS CONT	1	
4	36615-96300	.TERMINAL, RESIN	1	
5	36662-96L10	HARNESS ASSY, KLS CAN	1	L:6500+2000
6	37173-96L10	HOLDER, KLS PARTS	1	
7	38500-93J90	BUZZER ASSY, KLS	1	
8	38860-96L01	RELAY ASSY, KLS	1	
9	09407-14407	CLAMP (L:145)	1	
10	37117-96L00	DECAL, KLS	2	
11	37171-96L02	CONTROLLER ASSY, KLS 433MHZ	1	
12	37172-96L01	REMOCON ASSY, KLS 433MHZ	2	

DF70A E01
DF80A E01
DF90A E01
DF100B E01

FIG.335A (1-F-13) CLAMP BRACKET (DF70A)(DF90A)(DF100B)



DF70A E01
DF70A E40
DF90A E01
DF90A E40
DF100B E01
DF100B E40

FIG.335B

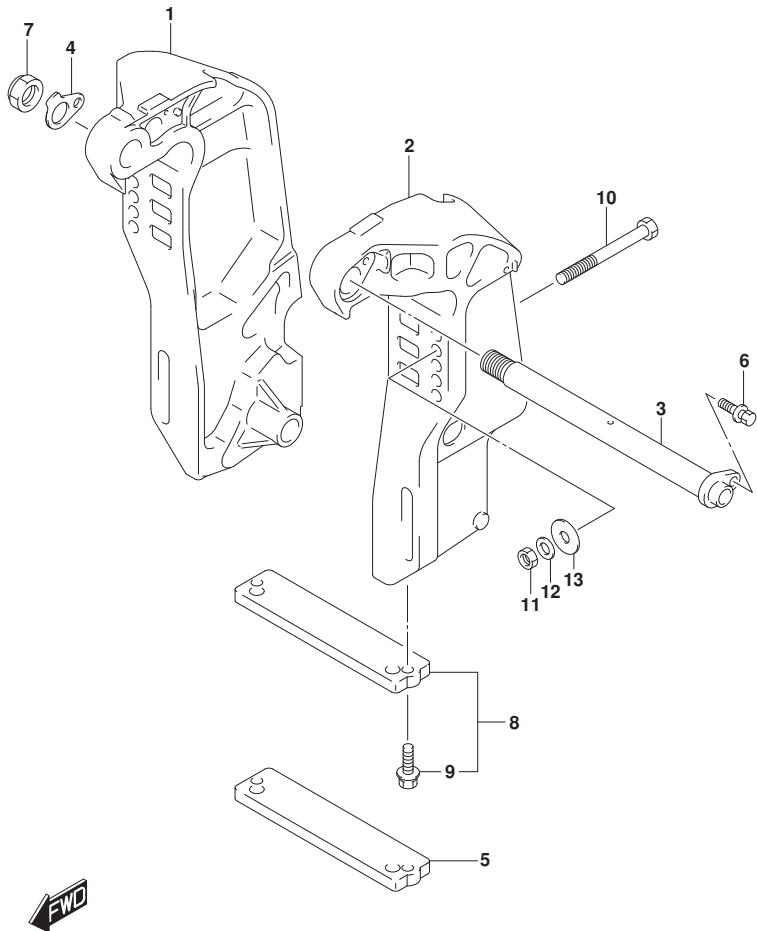


FIG.335B (1-F-14) CLAMP BRACKET (DF70ATH)(DF80A)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	41111-87L10-YAY	BRACKET, CLAMP STBD (BLACK)	1	
2	41121-87L11-YAY	BRACKET, CLAMP PORT (BLACK)	1	
3	41130-87L11	SHAFT, CLAMP BRACKET	1	
4	41135-93J11	WASHER, CLAMP BRACKET SHAFT	1	
5	55321-94910	ANODE (MAGNESIUM)	1	OPT
6	09116-08137	BOLT (8X22)	1	
7	09159-22006	NUT	1	
8	55320-94900	ANODE SET, CLAMP BRACKET	1	
9	09116-06121	.BOLT (6X25)	2	
10-1	09100-12091	BOLT (12X115)	4	
10-2	09100-12090	BOLT (12X150)	1	OPT
11	09159-12014	NUT	4	
12	09160-12110	WASHER (12.5X22X3)	4	
13	09160-12128	WASHER (12.5X35X3)	4	

DF70ATH E01
DF70ATH E40
DF80A E01
DF80A E40
DF90ATH E01
DF90ATH E40

FIG.336A

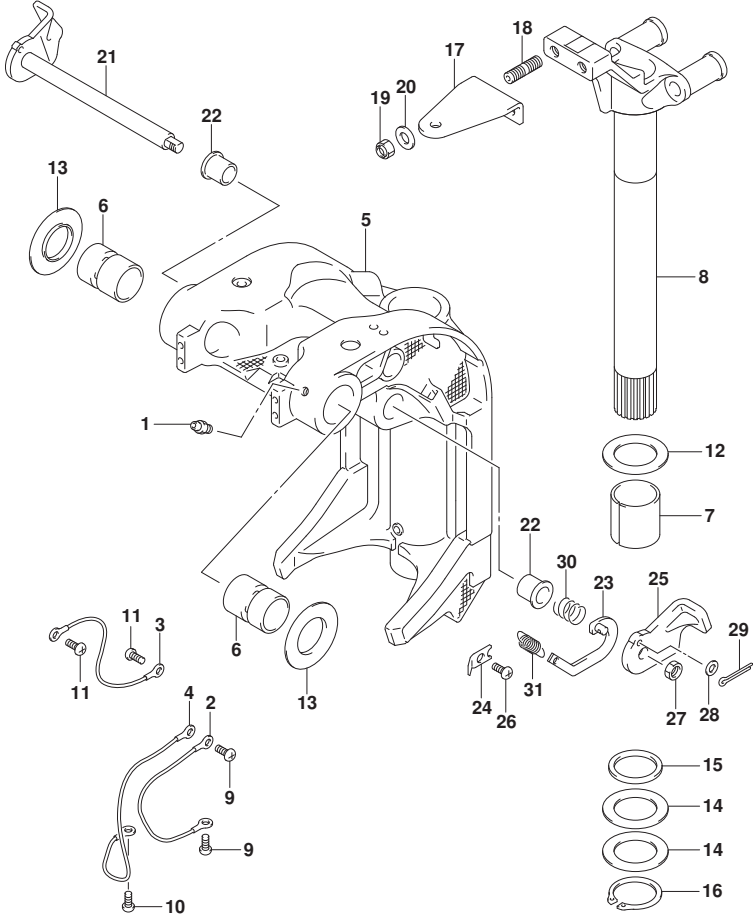


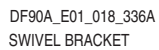
FIG.336A (1-F-15) SWIVEL BRACKET (DF70A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	22511-99011	NIPPLE, GREASE	5	
2	36894-87D00	LEAD (SWIVEL TO MOUNT BRKT)	1	L:165
3	36894-87D00	LEAD (CLAMP TO SWIVEL)	1	L:165
4	36895-87D10	LEAD (SWIVEL TO HOUSING)	1	L:310
5-1	43111-87L20-YAY	BRACKET, SWIVEL (BLACK)	1	
5-2	43111-87L20-Y5S	BRACKET, SWIVEL (WHITE)	1	
6	43211-93J10	BUSH, CLAMP SHAFT SWIVEL	2	
7	43711-97E10	BUSH, STEERING	2	
8-1	43750-87L20-YAY	BRACKET, STEERING (BLACK)	1	
8-2	43750-87L20-Y5S	BRACKET, STEERING (WHITE)	1	
9	09125-06063	SCREW (6X10)	2	
10	09125-06063	SCREW (6X10)	1	
11	09125-06063	SCREW (6X10)	2	
12	09160-39001	WASHER (39.5X64X1)	2	
13	09169-28003	WASHER	2	
14	09181-39001	SHIM (39.5X64X0.3)	4	
15	09282-39001	OIL SEAL (39X51X5)	1	
16	09380-38003	CIRCLIP	1	
17	43755-87L00	ATTACHMENT, STEERING BRKT	1	
18	09108-10156	STUD BOLT	2	
19	09159-10050	NUT	2	
20	09160-10141	WASHER (10.5X19X2)	2	
21	41220-93J11	LEVER, TILT LOCK	1	
22	41224-95E01	BUSH, TILT STOPPER ROD	2	
23	41230-87L00	LINK, TILT LOCK LEVER	1	



This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or motor housing. The central part is a main housing (5) with various ports and mounting points. Key components and their assembly sequence are indicated by the numbers:

- 1**: A small screw for the main housing.
- 2**: A cable or hose connector.
- 3**: A cable or hose connector.
- 4**: A cable or hose connector.
- 5**: The main housing.
- 6**: A cylindrical component, possibly a filter or seal.
- 7**: A cylindrical component, possibly a filter or seal.
- 8**: A long vertical shaft or tube.
- 9**: A cable or hose connector.
- 10**: A cable or hose connector.
- 11**: A cable or hose connector.
- 12**: A ring or seal.
- 13**: A ring or seal.
- 14**: A ring or seal.
- 15**: A ring or seal.
- 16**: A ring or seal.
- 17**: A triangular plate or cover.
- 18**: A screw or bolt.
- 19**: A small screw or bolt.
- 20**: A small screw or bolt.
- 21**: A long shaft or tube.
- 22**: A small screw or bolt.
- 23**: A curved bracket or arm.
- 24**: A small screw or bolt.
- 25**: A bracket or arm.
- 26**: A small screw or bolt.
- 27**: A small screw or bolt.
- 28**: A small screw or bolt.
- 29**: A small screw or bolt.
- 30**: A small screw or bolt.
- 31**: A small screw or bolt.



REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
24	41233-95E10	BRACKET, TILT LOCK SPRING	1	
25	41234-93J11	LEVER, TILT LOCK PORT	1	
26	09125-06063	SCREW (6X10)	1	
27	09140-10032	NUT	1	
28	09160-06082	WASHER (6.5X13X1.0)	1	
29	09204-01006	PIN	1	
30	09440-19028	SPRING	1	
31	09443-10043	SPRING	1	

Four diagrams of rings are shown, each with a number to its right:

- Diagram 1: A simple ring with a horizontal line through its center. Number: 15
- Diagram 2: A simple ring with a horizontal line through its center. Number: 14
- Diagram 3: A simple ring with a horizontal line through its center. Number: 14
- Diagram 4: A ring with a small loop or knot on its left side. Number: 16

FIG.336B

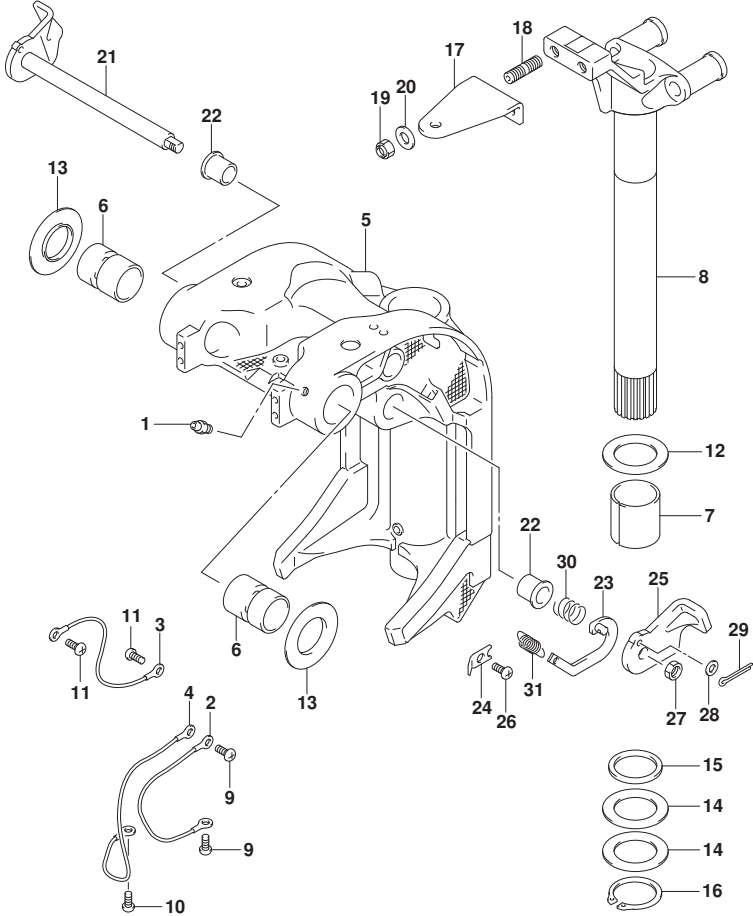
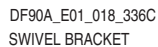


FIG.336B (1-G-3) SWIVEL BRACKET (DF80A)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	22511-99011	NIPPLE, GREASE	5	
2	36894-87D00	LEAD (SWIVEL TO MOUNT BRKT)	1	L:165
3	36894-87D00	LEAD (CLAMP TO SWIVEL)	1	L:165
4	36895-87D10	LEAD (SWIVEL TO HOUSING)	1	L:310
5	43111-87L20-YAY	BRACKET, SWIVEL (BLACK)	1	
6	43211-93J10	BUSH, CLAMP SHAFT SWIVEL	2	
7	43711-97E10	BUSH, STEERING	2	
8	43750-87L20-YAY	BRACKET, STEERING (BLACK)	1	
9	09125-06063	SCREW (6X10)	2	
10	09125-06063	SCREW (6X10)	1	
11	09125-06063	SCREW (6X10)	2	
12	09160-39001	WASHER (39.5X64X1)	2	
13	09169-28003	WASHER	2	
14	09181-39001	SHIM (39.5X64X0.3)	4	
15	09282-39001	OIL SEAL (39X51X5)	1	
16	09380-38003	CIRCLIP	1	
17	43755-87L00	ATTACHMENT, STEERING BRKT	1	
18	09108-10156	STUD BOLT	2	
19	09159-10050	NUT	2	
20	09160-10141	WASHER (10.5X19X2)	2	
21	41220-93J11	LEVER, TILT LOCK	1	
22	41224-95E01	BUSH, TILT STOPPER ROD	2	
23	41230-87L00	LINK, TILT LOCK LEVER	1	
24	41233-95E10	BRACKET, TILT LOCK SPRING	1	
25	41234-93J11	LEVER, TILT LOCK PORT	1	
26	09125-06063	SCREW (6X10)	1	
27	09140-10032	NUT	1	
28	09160-06082	WASHER (6.5X13X1.0)	1	
29	09204-01006	PIN	1	
30	09440-19028	SPRING	1	
31	09443-10043	SPRING	1	

DF80A E01
DF80A E40



REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	22511-99011	NIPPLE, GREASE	5	
2	36894-87D00	LEAD (SWIVEL TO MOUNT BRKT)	1	L:165
3	36894-87D00	LEAD (CLAMP TO SWIVEL)	1	L:165
4	36895-87D10	LEAD (SWIVEL TO HOUSING)	1	L:310
5	43111-87L20-YAY	BRACKET, SWIVEL (BLACK)	1	
6	43211-93J10	BUSH, CLAMP SHAFT SWIVEL	2	
7	43711-97E10	BUSH, STEERING	2	
8	43750-87L20-YAY	BRACKET, STEERING (BLACK)	1	
9	09125-06063	SCREW (6X10)	2	
10	09125-06063	SCREW (6X10)	1	
11	09125-06063	SCREW (6X10)	2	
12	09160-39001	WASHER (39.5X64X1)	2	
13	09169-28003	WASHER	2	
14	09181-39001	SHIM (39.5X64X0.3)	4	
15	09282-39001	OIL SEAL (39X51X5)	1	
16	09380-38003	CIRCLIP	1	
17	41220-93J11	LEVER, TILT LOCK	1	
18	41224-95E01	BUSH, TILT STOPPER ROD	2	
19	41230-87L00	LINK, TILT LOCK LEVER	1	
20	41233-95E10	BRACKET, TILT LOCK SPRING	1	
21	41234-93J11	LEVER, TILT LOCK PORT	1	
22	09125-06063	SCREW (6X10)	1	
23	09140-10032	NUT	1	
24	09160-06082	WASHER (6.5X13X1.0)	1	
25	09204-01006	PIN	1	
26	09440-19028	SPRING	1	
27	09443-10043	SPRING	1	

DF90A_E01_018

FIG.337A

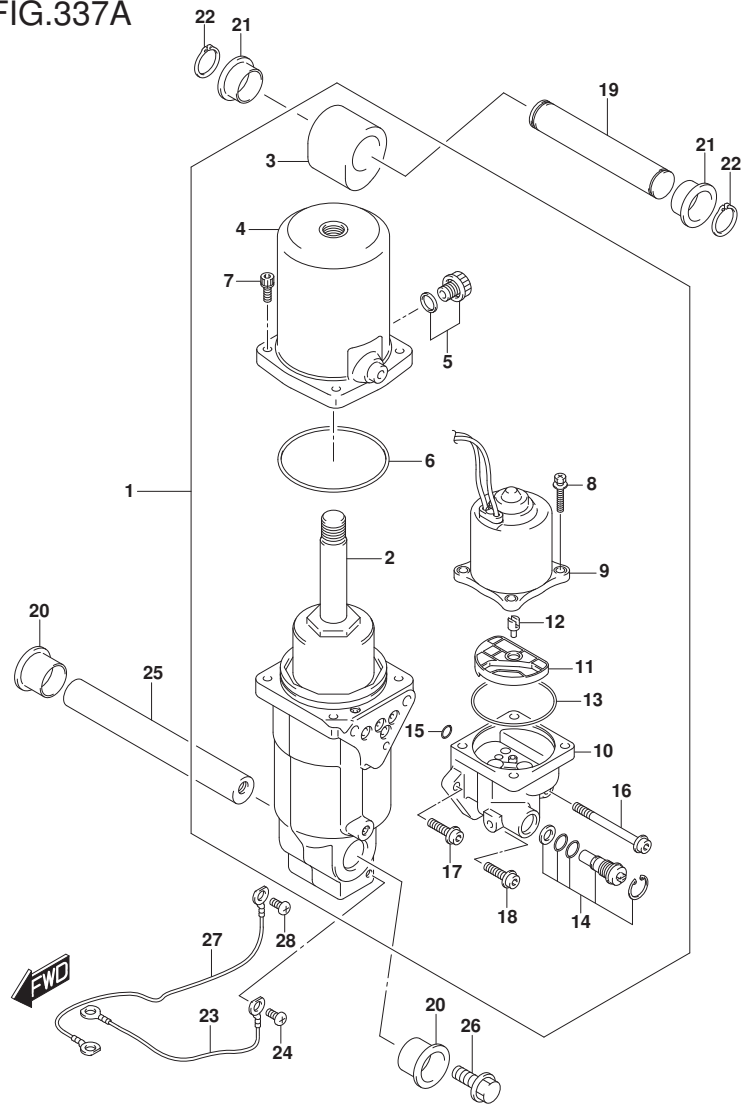


FIG.337A (1-G-5) TRIM CYLINDER

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	48000-87L12	TRIM ASSY, POWER WITH TILT	1	
2	48400-87L02	.MANIFOLD ASSY	1	
3	48611-87L00	.JOINT, METAL	1	
4	48571-87L01	.TANK, RESERVOIR	1	
5	48572-87L00	.PLUG	1	
6	48557-90J00	.O RING	1	
7	48862-87J20	.BOLT, RESERVOIR	4	
8	31281-92J10	.BOLT, THROUGH	4	
9	38100-87L11	.MOTOR ASSY, PTT	1	
10	48502-87L02	.PUMP ASSY	1	
11	48582-95E01	.FILTER	1	
12	48583-95E00	.JOINT, DRIVE	1	
13	48585-95E00	.O RING	1	
14	48864-96J10	.VALVE SET, MANUAL	1	
15	48588-90J00	.O RING SET	1	
16	48862-92J20	.BOLT, PUMP NO.1	1	
17	48862-92J30	.BOLT, PUMP NO.2	1	
18	48862-90J21	.BOLT	1	
19	48321-90J00	SHAFT, TILT CYL UPPER	1	
20	48326-95E00	BUSH, TILT CYL LOWER	2	
21	48325-87L00	BUSH, TILT CYL UPPER	2	
22	09380-22015	CIRCLIP	2	
23	36894-87D00	LEAD, PTT TO ANODE (L:165)	1	
24	09125-06063	SCREW (6X10)	1	
25	48121-90J00	SHAFT, TILT CYL LOWER	1	
26	09116-10179	BOLT (10X35)	2	
27	36895-87D10	LEAD, PTT TO ANODE (L:310)	1	
28	09125-05050	SCREW (5X8)	1	

FIG.340A

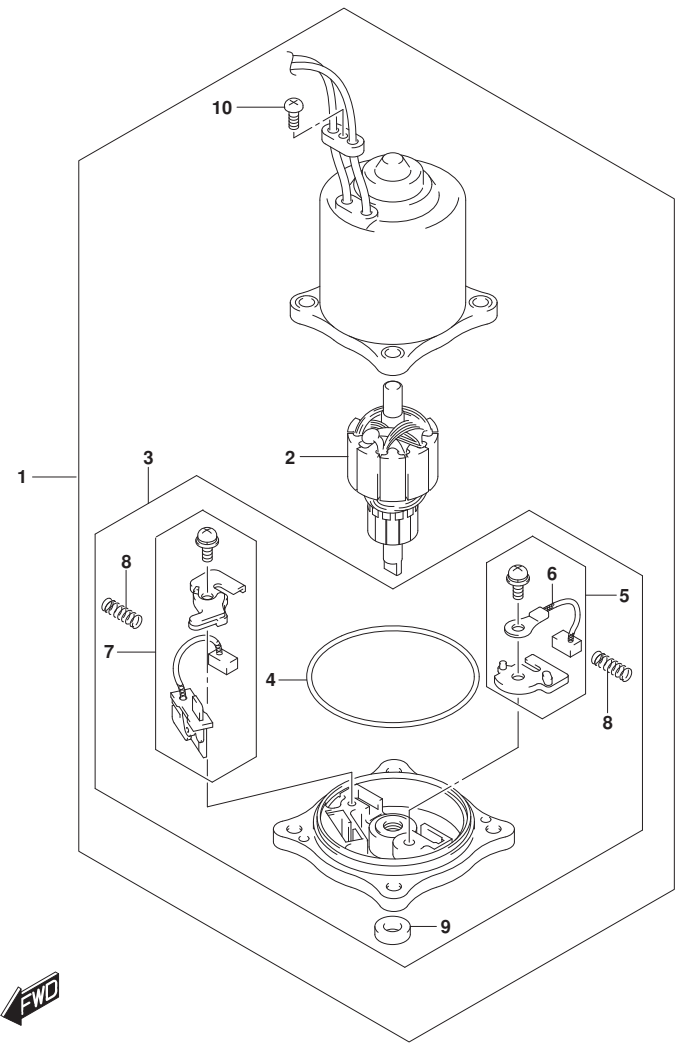
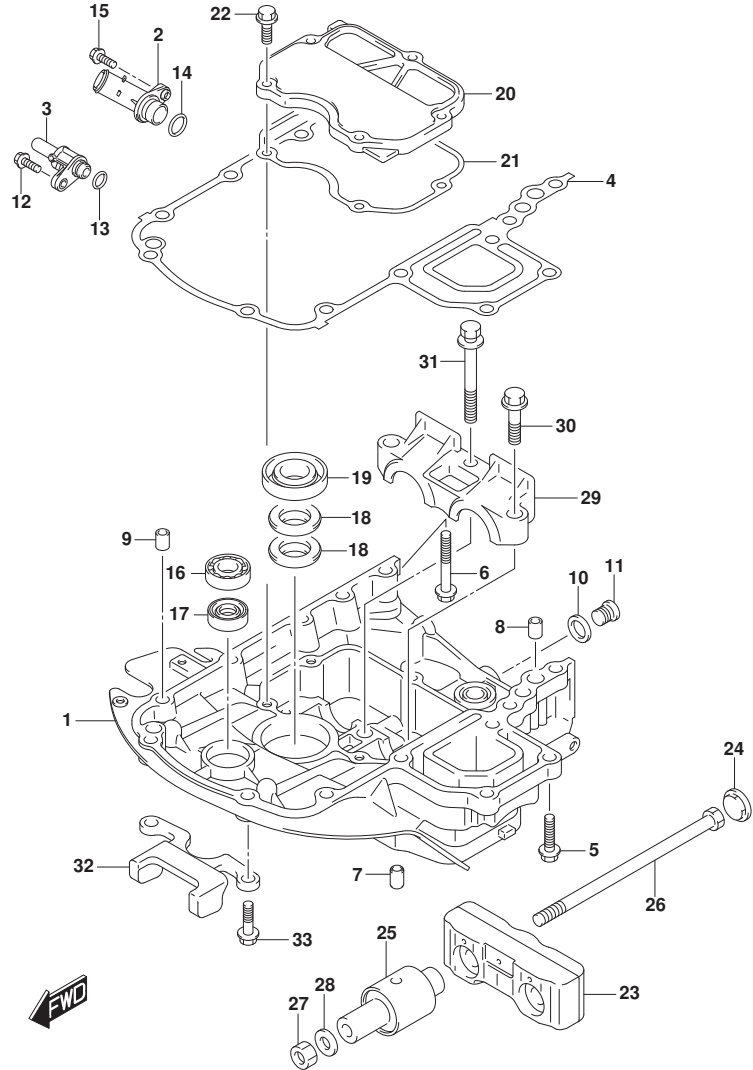


FIG.340A (1-G-6) PTT MOTOR

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	38100-87L11	MOTOR ASSY, PTT	1	
2	31311-93J00	.ARMATURE	1	
3	31173-94920	.HOLDER, BRUSH	1	
4	31123-94910	..O RING	1	
5	31133-90J10	..BRUSH SET	1	
6	31133-94910	...BRUSH, PLUS	1	
7	31136-90J20	..BREAKER ASSY	1	
8	31135-94900	..SPRING	2	
9	33799-97E00	..OIL SEAL	1	
10	31111-94900	.SCREW	1	

FIG.401A



DF90A_E01_018_401A
ENGINE HOLDER

FIG.401A (1-G-7) ENGINE HOLDER (DF70A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	51111-87L00-YAY	HOLDER, ENGINE (BLACK)	1	
1-2	51111-87L00-Y5S	HOLDER, ENGINE (WHITE)	1	
2	51115-87L00	UNION, WATER RETURN	1	
3	51117-87L00	UNION, WATER INDICATOR	1	
4	51211-87L10	GASKET, ENGINE HOLDER	1	
5	09116-08128	BOLT (8X40)	7	
6	09116-08159	BOLT (8X55)	1	
7	09202-08006	PIN (8X12)	2	
8	04211-11129	PIN	2	
9	04211-11129	PIN	1	
10	09160-18031	WASHER (18.5X28X2.6)	1	
11	09248-18010	PLUG (18X15)	1	
12	29116-93J00	BOLT, WATER INDICATOR UNION	1	
13	09280-11001	O RING (D:2.4,ID:10.8)	1	
14	09280-20002	O RING (D:3.1,ID:19.4)	1	
15	01550-0620C	BOLT	1	
16	09262-17019	BEARING (17X35X8)	1	
17	09289-18001	OIL SEAL (18X30X8)	1	
18	09282-22007	OIL SEAL (22X36X6)	2	
19	12281-87J00	SEAL, DRIVEN GEAR	1	
20	51122-87L00	COVER, MOUNT CASE	1	
21	51123-87L00	GASKET, MOUNT CASE COVER	1	
22	01550-0825A	BOLT	5	
23	54120-87L10	MOUNT, UPPER THRUST	1	
24	54122-87L00	SPACER, UPPER THRUST MOUNT	2	

DF90A_E01_018

FIG.401A

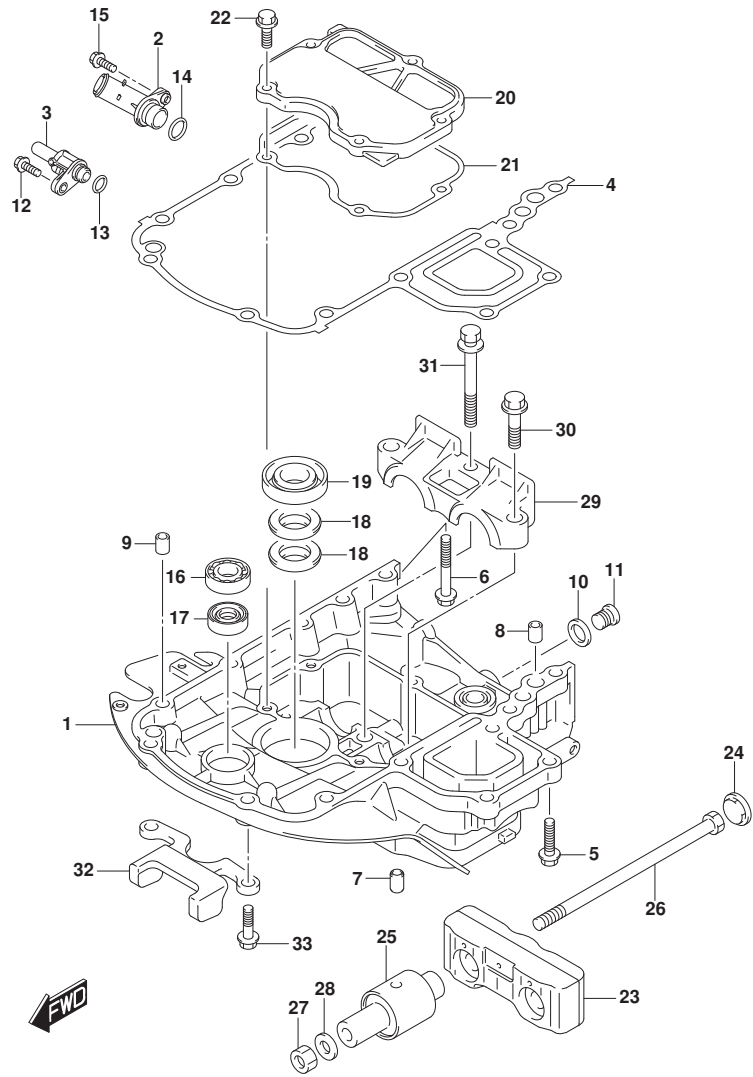


FIG.401A (1-G-8) ENGINE HOLDER (DF70A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
25	54130-87L00	MOUNT, UPPER	2	
26	54166-95J02	BOLT, UPPER MOUNT	2	
27	09159-12014	NUT	2	
28	09160-12110	WASHER (12.5X22X3)	2	
29-1	54137-87L00-YAY	COVER, UPPER MOUNT (BLACK)	1	
29-2	54137-87L00-Y5S	COVER, UPPER MOUNT (WHITE)	1	
30	09116-10181	BOLT (10X44)	2	
31	09116-10147	BOLT (10X85)	1	
32	54140-87L10	STOPPER, UPPER UNIT	1	
33	09116-08137	BOLT (8X22)	2	

DF70A E01
DF70A E40
DF90A E01
DF90A E40
DF100B E01
DF100B E40

FIG.401B

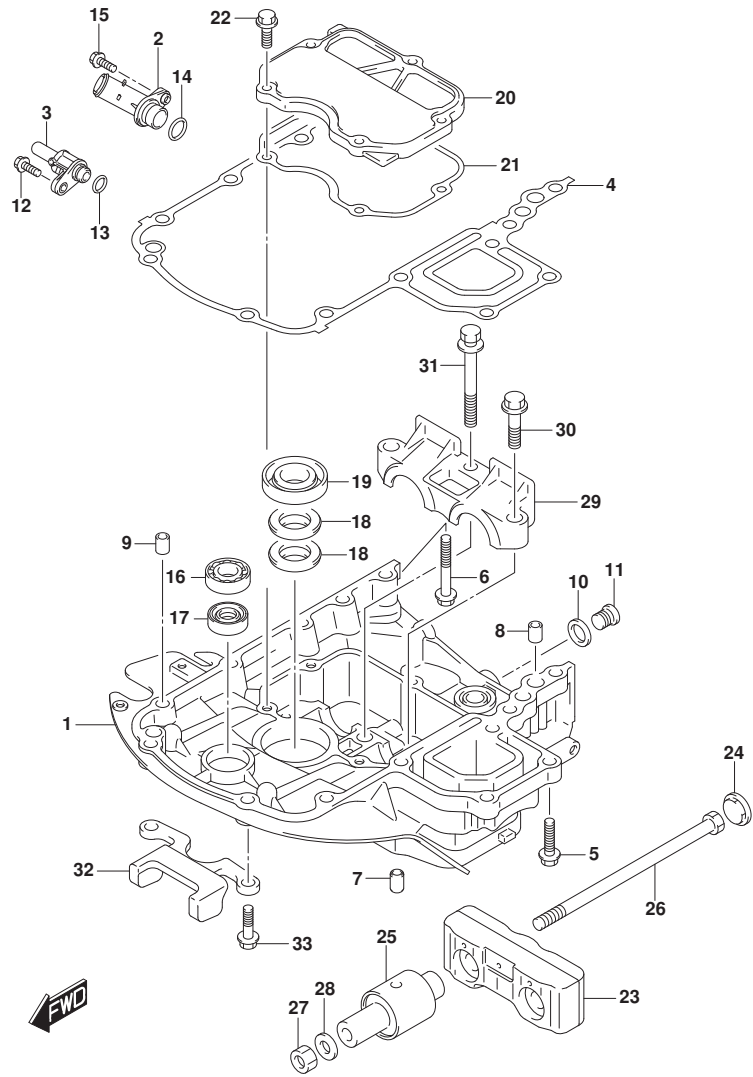


FIG.401B (1-G-9) ENGINE HOLDER (DF70ATH)(DF80A)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	51111-87L00-YAY	HOLDER, ENGINE (BLACK)	1	
2	51115-87L00	UNION, WATER RETURN	1	
3	51117-87L00	UNION, WATER INDICATOR	1	
4	51211-87L10	GASKET, ENGINE HOLDER	1	
5	09116-08128	BOLT (8X40)	7	
6	09116-08159	BOLT (8X55)	1	
7	09202-08006	PIN (8X12)	2	
8	04211-11129	PIN	2	
9	04211-11129	PIN	1	
10	09160-18031	WASHER (18.5X28X2.6)	1	
11	09248-18010	PLUG (18X15)	1	
12	29116-93J00	BOLT, WATER INDICATOR UNION	1	
13	09280-11001	O RING (D:2.4,ID:10.8)	1	
14	09280-20002	O RING (D:3.1,ID:19.4)	1	
15	01550-0620C	BOLT	1	
16	09262-17019	BEARING (17X35X8)	1	
17	09289-18001	OIL SEAL (18X30X8)	1	
18	09282-22007	OIL SEAL (22X36X6)	2	
19	12281-87J00	SEAL, DRIVEN GEAR	1	
20	51122-87L00	COVER, MOUNT CASE	1	
21	51123-87L00	GASKET, MOUNT CASE COVER	1	
22	01550-0825A	BOLT	5	
23	54120-87L10	MOUNT, UPPER THRUST	1	
24	54122-87L00	SPACER, UPPER THRUST MOUNT	2	
25	54130-87L00	MOUNT, UPPER	2	

FIG.401B

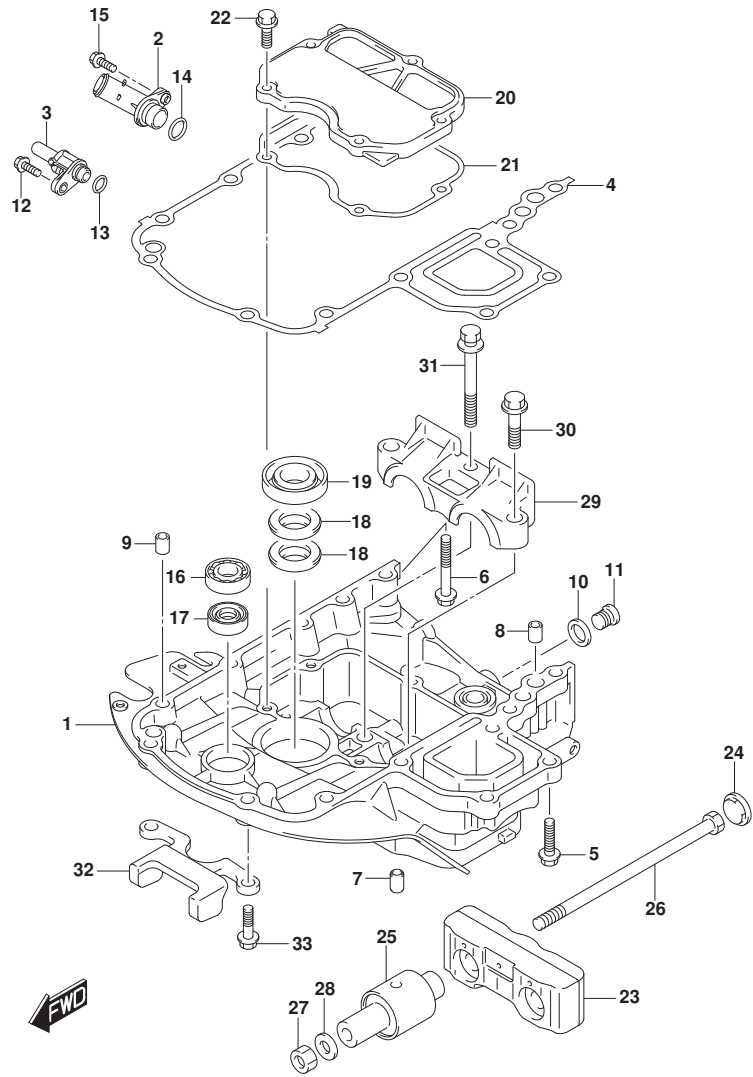


FIG.401B (1-G-10) ENGINE HOLDER (DF70ATH)(DF80A)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
26	54166-95J02	BOLT, UPPER MOUNT	2	
27	09159-12014	NUT	2	
28	09160-12110	WASHER (12.5X22X3)	2	
29	54137-87L00-YAY	COVER, UPPER MOUNT (BLACK)	1	
30	09116-10181	BOLT (10X44)	2	
31	09116-10147	BOLT (10X85)	1	
32	54140-87L10	STOPPER, UPPER UNIT	1	
33	09116-08137	BOLT (8X22)	2	

DF70ATH E01
DF70ATH E40
DF80A E01
DF80A E40
DF90ATH E01
DF90ATH E40

FIG.405A

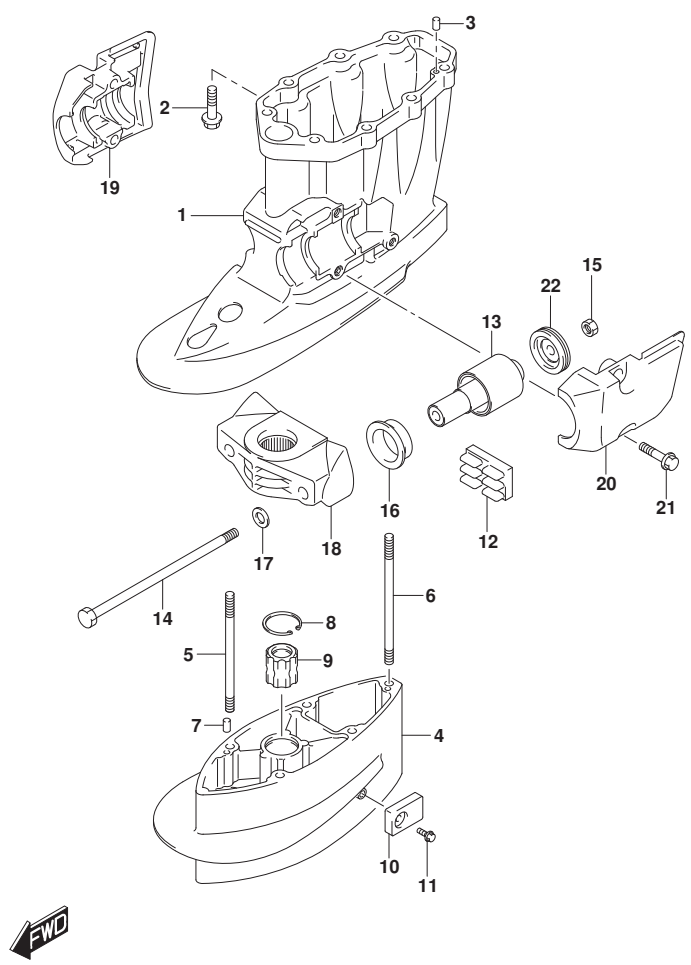


FIG.405A (1-G-11) DRIVE SHAFT HOUSING (DF70A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	52111-87L00-YAY	HOUSING, DRIVE SHAFT (BLACK)	1	
1-2	52111-87L00-Y5S	HOUSING, DRIVE SHAFT (WHITE)	1	
2	09116-10181	BOLT (10X44)	8	
3	09202-08006	PIN (8X12)	2	
4-1	52131-87L00-YAY	CASE, EXTENSION (BLACK)	1	W/TRANSOM(X)
4-2	52131-87L00-Y5S	CASE, EXTENSION (WHITE)	1	W/TRANSOM(X)
5	09108-10115	STUD BOLT	4	W/TRANSOM(X)
6	09108-10157	STUD BOLT	1	W/TRANSOM(X)
7	09202-08006	PIN (8X12)	2	W/TRANSOM(X)
8	09381-40005	CIRCLIP	1	W/TRANSOM(X)
9	57130-87E02	BUSH, DRIVE SHAFT	1	W/TRANSOM(X)
10	55321-93J01	ANODE, PROTECTION	1	W/TRANSOM(X)
11	09116-06236	BOLT (6X16)	1	W/TRANSOM(X)
12	54151-87L00	MOUNT, LOWER THRUST	1	
13	54160-87L10	MOUNT, LOWER	2	
14	54166-95J02	BOLT, LOWER MOUNT	2	
15	09159-12014	NUT	2	
16	54167-87L10	MOUNT, FWD LOWER SIDE	2	
17	54114-90J10	WASHER, LOWER MOUNT BOLT	2	
18-1	54211-90J01-YAY	BRACKET, LOWER MOUNT (BLACK)	1	
18-2	54211-90J01-Y5S	BRACKET, LOWER MOUNT (WHITE)	1	
19-1	54221-87L00-YAY	COVER, LOWER MOUNT STBD (BLACK)	1	
19-2	54221-87L00-Y5S	COVER, LOWER MOUNT STBD (WHITE)	1	

FIG.405A (1-G-12) DRIVE SHAFT HOUSING (DF70A)(DF90A)(DF100B)



DF70A E01
DF70A E40
DF90A E01
DF90A E40
DF100B E01
DF100B E40

FIG.405B

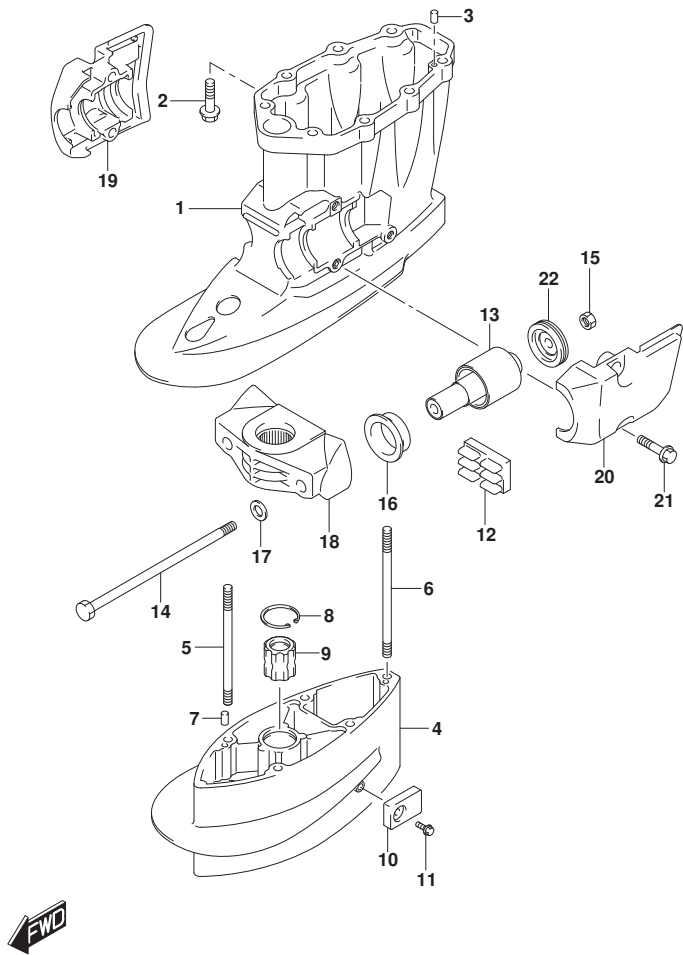
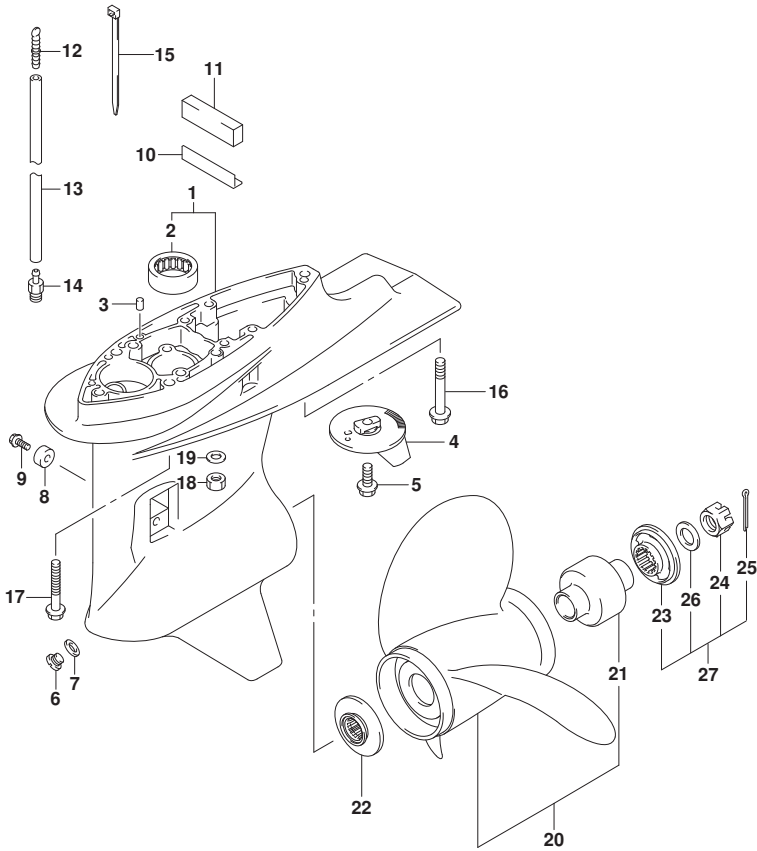


FIG.405B (1-G-13) DRIVE SHAFT HOUSING (DF70ATH)(DF80A)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	52111-87L00-YAY	HOUSING, DRIVE SHAFT (BLACK)	1	
2	09116-10181	BOLT (10X44)	8	
3	09202-08006	PIN (8X12)	2	
4	52131-87L00-YAY	CASE, EXTENSION (BLACK)	1	W/TRANSOM(X)
5	09108-10115	STUD BOLT	4	W/TRANSOM(X)
6	09108-10157	STUD BOLT	1	W/TRANSOM(X)
7	09202-08006	PIN (8X12)	2	W/TRANSOM(X)
8	09381-40005	CIRCLIP	1	W/TRANSOM(X)
9	57130-87E02	BUSH, DRIVE SHAFT	1	W/TRANSOM(X)
10	55321-93J01	ANODE, PROTECTION	1	W/TRANSOM(X)
11	09116-06236	BOLT (6X16)	1	W/TRANSOM(X)
12	54151-87L00	MOUNT, LOWER THRUST	1	
13	54160-87L10	MOUNT, LOWER	2	
14	54166-95J02	BOLT, LOWER MOUNT	2	
15	09159-12014	NUT	2	
16	54167-87L10	MOUNT, FWD LOWER SIDE	2	
17	54114-90J10	WASHER, LOWER MOUNT BOLT	2	
18	54211-90J01-YAY	BRACKET, LOWER MOUNT (BLACK)	1	
19	54221-87L00-YAY	COVER, LOWER MOUNT STBD (BLACK)	1	
20	54231-87L00-YAY	COVER, LOWER MOUNT PORT (BLACK)	1	
21	09116-10181	BOLT (10X44)	4	
22	54180-88L00	DAMPER, FWD STOPPER	2	

DF70ATH E01
DF70ATH E40
DF80A E01
DF80A E40
DF90ATH E01
DF90ATH E40

FIG.407A



DF90A_E01_018_407A
GEAR CASE

FIG.407A (1-G-14) GEAR CASE (DF70A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1-1	55110-87L31-YAY	CASE, GEAR (BLACK)	1	
1-2	55110-87L31-Y5S	CASE, GEAR (WHITE)	1	
2	09263-26023	.BEARING (26X34X30)	1	
3	09202-08006	PIN (8X12)	2	
4	55125-90J01	TAB, TRIM	1	
5	09116-08137	BOLT (8X22)	1	
6	09248-10008	PLUG (10X7.5)	2	
7	09168-10034	GASKET (9.5X16.5X2)	2	
8-1	55321-87J01	ANODE, PROTECTION	1	
8-2	55321-87J11	ANODE (MAGNESIUM)	1	OPT
9	09103-06281	BOLT (6X14)	1	
10	55333-87L00	PLATE, EXHAUST SEAL	1	
11	52332-87L10	SEAL, EXH TUBE HOUSING	1	
12	55127-87D00	UNION, SPEEDOMETER HOSE	1	
13	09355-40805-00B	HOSE (4X8X2000)	1	L:2000->1500
14	09362-09008	UNION	1	
15	09407-10404	CLAMP (L:100)	2	
16	09116-10137	BOLT (10X70)	1	W/TRANSOM(L)
17	09116-10150	BOLT (10X55)	4	W/TRANSOM(L)
18	09140-10031	NUT	5	W/TRANSOM(X)
19	09160-10141	WASHER (10.5X19X2)	5	W/TRANSOM(X)
20-1	58100-87LA0-019	PROPELLER (3X14X13)	1	
20-2	58100-87LB0-019	PROPELLER (3X13.875X15)	1	
20-3	58100-87LC0-019	PROPELLER (3X13.75X17)	1	
20-4	58100-87LD0-019	PROPELLER (3X13.75X19)	1	

DF90A_E01_018

FIG.407A

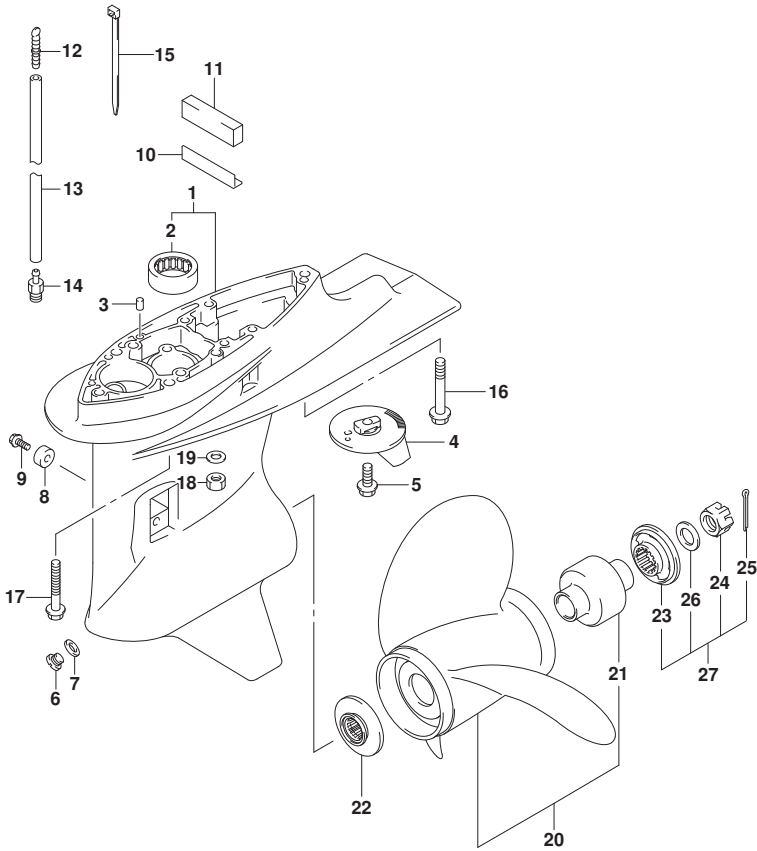


FIG.407A (1-G-15) GEAR CASE (DF70A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
20-5	58100-87LE0-019	PROPELLER (3X13.75X21)	1	
20-6	58100-87LF0-019	PROPELLER (3X13.75X23)	1	
20-7	58100-90JA0-019	PROPELLER (3X14X17)	1	OPT
20-8	58100-90JB0-019	PROPELLER (3X14X19)	1	OPT
20-9	58100-90JC0-019	PROPELLER (3X14X21)	1	OPT
20-10	58100-90JD0-019	PROPELLER (3X14X23)	1	OPT
20-11	58100-90JE0-019	PROPELLER (3X13.5X15)	1	OPT
20-12	58200-92J40	PROPELLER (3X13.875X15)	1	OPT
				SUS
20-13	58200-92J50	PROPELLER (3X13.875X17)	1	OPT
				SUS
20-14	58200-92J60	PROPELLER (3X13.875X19)	1	OPT
				SUS
20-15	58200-92J70	PROPELLER (3X13.875X21)	1	OPT
				SUS
20-16	58200-92J80	PROPELLER (3X13.875X23)	1	OPT
				SUS
20-17	58200-92J90	PROPELLER (3X13.875X25)	1	OPT
				SUS
21	58105-90J00	.BUSH	1	
22	57632-87L01	STOPPER, PROPELLER BUSH	1	
23	57633-90J02	SPACER, PROPELLER NUT	1	
24	09141-18005	NUT	1	
25	09204-03003	COTTER PIN (D:3.6,L:25)	1	
26	09160-18028	WASHER (18.5X31X1)	1	

FIG.407A

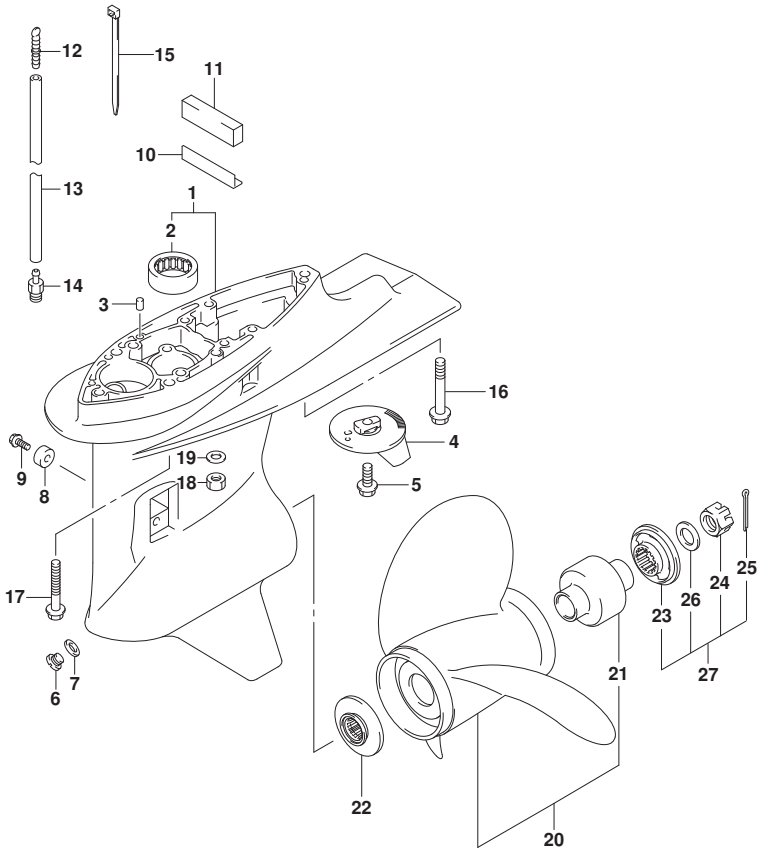


FIG.407A (1-H-2) GEAR CASE (DF70A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
27	57630-90J00	KIT, PROPELLER NUT	1	OPT
28	25700-87L00	SEALING KIT, GEAR CASE	1	OPT NOT ILLUSTRATED

- DF70A E01
- DF70A E40
- DF90A E01
- DF90A E40
- DF100B E01
- DF100B E40



FIG.407B

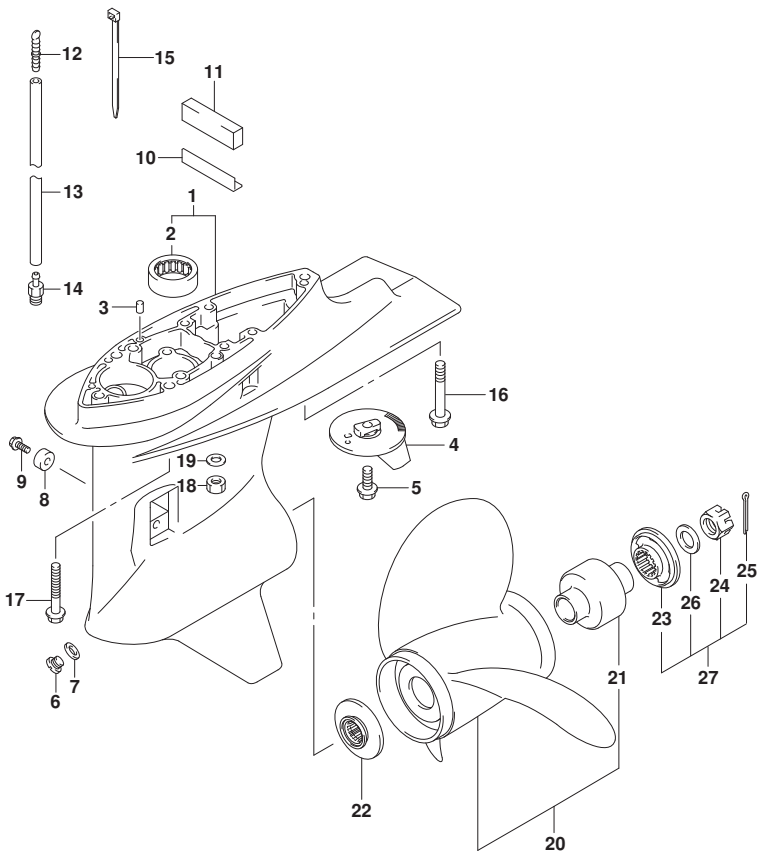


FIG.407B (1-H-3) GEAR CASE (DF70ATH)(DF80A)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	55110-87L31-YAY	CASE, GEAR (BLACK)	1	
2	09263-26023	.BEARING (26X34X30)	1	
3	09202-08006	PIN (8X12)	2	
4	55125-90J01	TAB, TRIM	1	
5	09116-08137	BOLT (8X22)	1	
6	09248-10008	PLUG (10X7.5)	2	
7	09168-10034	GASKET (9.5X16.5X2)	2	
8-1	55321-87J01	ANODE, PROTECTION	1	
8-2	55321-87J11	ANODE (MAGNESIUM)	1	OPT
9	09103-06281	BOLT (6X14)	1	
10	55333-87L00	PLATE, EXHAUST SEAL	1	
11	52332-87L10	SEAL, EXH TUBE HOUSING	1	
12	55127-87D00	UNION, SPEEDOMETER HOSE	1	
13	09355-40805-00B	HOSE (4X8X2000)	1	L:2000->1500
14	09362-09008	UNION	1	
15	09407-10404	CLAMP (L:100)	2	
16	09116-10137	BOLT (10X70)	1	W/TRANSOM(L)
17	09116-10150	BOLT (10X55)	4	W/TRANSOM(L)
18	09140-10031	NUT	5	W/TRANSOM(X)
19	09160-10141	WASHER (10.5X19X2)	5	W/TRANSOM(X)
20-1	58100-87LA0-019	PROPELLER (3X14X13)	1	
20-2	58100-87LB0-019	PROPELLER (3X13.875X15)	1	
20-3	58100-87LC0-019	PROPELLER (3X13.75X17)	1	
20-4	58100-87LD0-019	PROPELLER (3X13.75X19)	1	
20-5	58100-87LE0-019	PROPELLER (3X13.75X21)	1	



FIG.407B

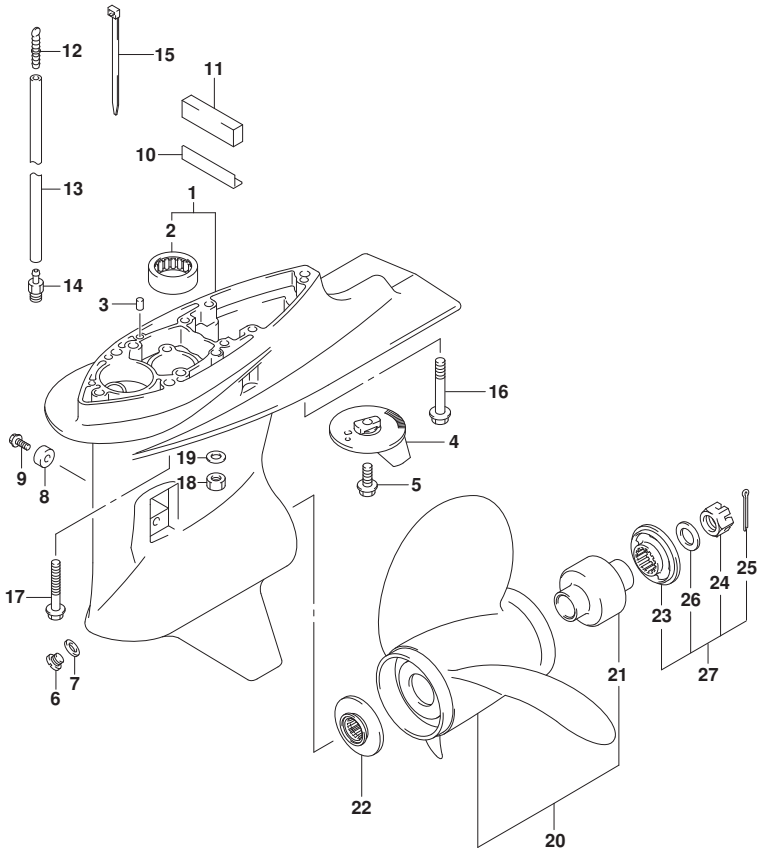
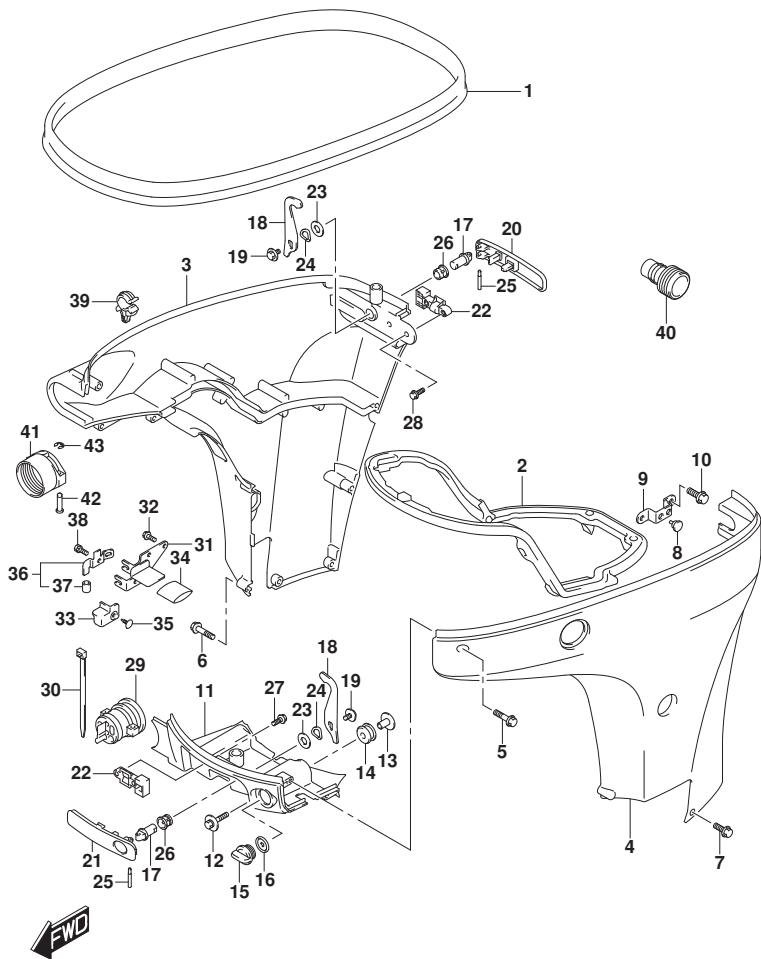


FIG.407B (1-H-4) GEAR CASE (DF70ATH)(DF80A)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY		REMARKS
20-6	58100-87LF0-019	PROPELLER (3X13.75X23)	1		
20-7	58100-90JA0-019	PROPELLER (3X14X17)	1	OPT	
20-8	58100-90JB0-019	PROPELLER (3X14X19)	1	OPT	
20-9	58100-90JC0-019	PROPELLER (3X14X21)	1	OPT	
20-10	58100-90JD0-019	PROPELLER (3X14X23)	1	OPT	
20-11	58100-90JE0-019	PROPELLER (3X13.5X15)	1	OPT	
20-12	58200-92J40	PROPELLER (3X13.875X15)	1	OPT	
				SUS	
20-13	58200-92J50	PROPELLER (3X13.875X17)	1	OPT	
				SUS	
20-14	58200-92J60	PROPELLER (3X13.875X19)	1	OPT	
				SUS	
20-15	58200-92J70	PROPELLER (3X13.875X21)	1	OPT	
				SUS	
20-16	58200-92J80	PROPELLER (3X13.875X23)	1	OPT	
				SUS	
20-17	58200-92J90	PROPELLER (3X13.875X25)	1	OPT	
				SUS	
21	58105-90J00	.BUSH	1		
22	57632-87L01	STOPPER, PROPELLER BUSH	1		
23	57633-90J02	SPACER, PROPELLER NUT	1		
24	09141-18005	NUT	1		
25	09204-03003	COTTER PIN (D:3.6,L:25)	1		
26	09160-18028	WASHER (18.5X31X1)	1		
27	57630-90J00	KIT, PROPELLER NUT	1	OPT	
28	25700-87L00	SEALING KIT, GEAR CASE	1	OPT	
					NOT ILLUSTRATED

FIG.410A



DF90A_E01_018_410A
SIDE COVER

FIG.410A (1-H-5) SIDE COVER (DF70A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	61112-99E01	RUBBER, SIDE COVER	1	
2	61134-87L00	SEAL, SIDE COVER	1	
3-1	61811-87L20-YAY	COVER, SIDE STBD (BLACK)	1	
3-2	61811-87L20-Y5S	COVER, SIDE STBD (WHITE)	1	
4-1	61821-87L21-YAY	COVER, SIDE PORT (BLACK)	1	
4-2	61821-87L21-Y5S	COVER, SIDE PORT (WHITE)	1	
5	09136-06148	SCREW (6X35)	8	
6	09136-06149	SCREW (6X55)	2	
7	09136-06161	SCREW (6X17)	3	
8	09321-08022	CUSHION	2	
9	61827-87L00	HOLDER, SIDE COVER	1	
10	01550-0820C	BOLT	2	
11-1	61831-87L20-YAY	PANEL, FRONT (BLACK)	1	
11-2	61831-87L20-Y5S	PANEL, FRONT (WHITE)	1	
12	09116-08163	BOLT (8X38)	2	
13	09169-08039	WASHER	2	
14	09320-11013	CUSHION	2	
15	17913-93J00	PLUG, WATER	1	
16	17914-93J00	GASKET, WATER PLUG	1	
17	61632-93J00	SHAFT, ENGINE COVER HOOK	2	
18	61641-87L00	HOOK, ENGINE COVER	2	
19	09116-06127	BOLT (6X12)	2	
20	61633-87L00	LEVER, HOOK REAR	1	
21	61645-87L00	LEVER, HOOK FRONT	1	
22	61673-93J11	LATCH, HOOK LEVER	2	

DF90A_E01_018

FIG.410A

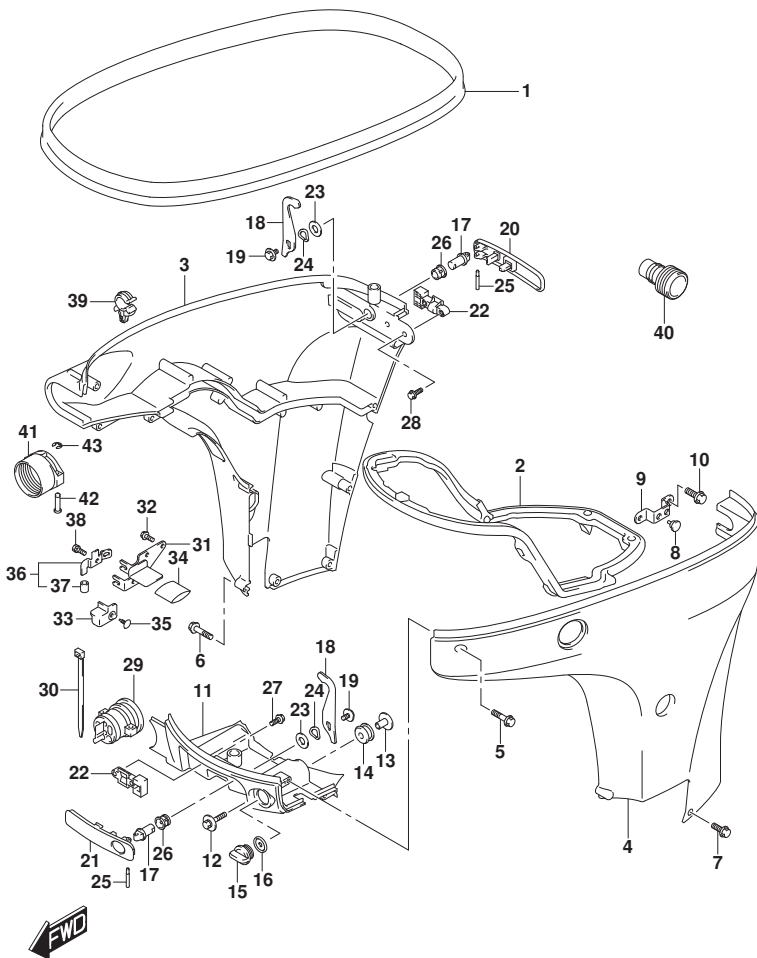
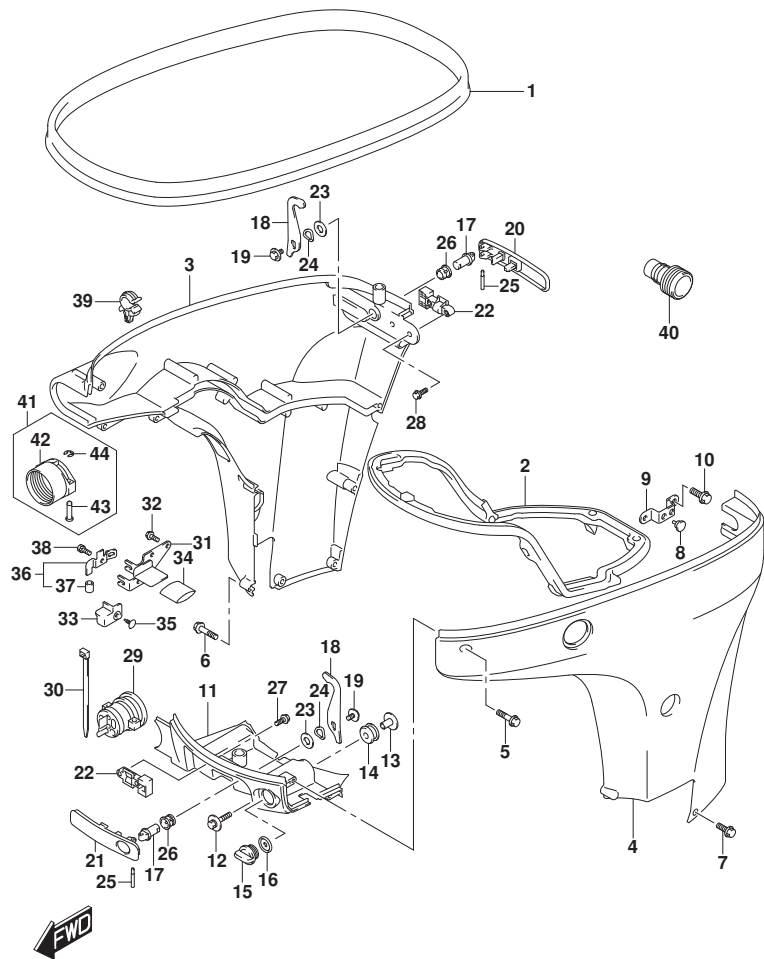


FIG.410A (1-H-6) SIDE COVER (DF70A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
23	09160-13014	WASHER (13.2X25X1)	2	
24	09164-14008	WASHER	2	
25	09202-04022	PIN	2	
26	09306-13007	BUSH	2	
27	01550-0510C	BOLT	2	
28	01550-0516C	BOLT	2	
29	61124-87L20	GROMMET, REMOCON CABLE	1	
30	09407-25402	CLAMP (L:250)	1	
31	67341-87L00	HOLDER, REMOCON CABLE	1	
32	01550-0616C	BOLT	2	
33	67345-87L00	PROTECTOR	1	
34	67346-87L00	PROTECTOR, HOLDER	1	
35	09409-10304-5ES	CLIP (BLACK)	1	
36	67350-87L01	STOPPER, REMOCON CABLE	1	
37	09352-70103-600	.HOSE (7X10.2X600)	2	L:600->14
38	01570-06127	BOLT	1	
39	09403-11320	CLAMP	1	
40	17917-87L00	CONNECTOR, FLUSH WATER	1	
41	67361-90J10	ADAPTER, HOSE (RIGGING)	1	OPT
42	09208-06009	PIN, HOSE ADAPTER (RIGGING)	2	OPT
43	09383-04002	E RING	2	OPT

DF70A E01
DF70A E40
DF90A E01
DF90A E40
DF100B E01
DF100B E40

FIG.410B



DF90A_E01_018_410B
SIDE COVER

FIG.410B (1-H-7) SIDE COVER (DF70ATH)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	61112-99E01	RUBBER, SIDE COVER	1	
2	61134-87L00	SEAL, SIDE COVER	1	
3	61811-87L20-YAY	COVER, SIDE STBD (BLACK)	1	
4	61821-87L21-YAY	COVER, SIDE PORT (BLACK)	1	
5	09136-06148	SCREW (6X35)	8	
6	09136-06149	SCREW (6X55)	2	
7	09136-06161	SCREW (6X17)	3	
8	09321-08022	CUSHION	2	
9	61827-87L00	HOLDER, SIDE COVER	1	
10	01550-0820C	BOLT	2	
11	61831-87L20-YAY	PANEL, FRONT (BLACK)	1	
12	09116-08163	BOLT (8X38)	2	
13	09169-08039	WASHER	2	
14	09320-11013	CUSHION	2	
15	17913-93J00	PLUG, WATER	1	
16	17914-93J00	GASKET, WATER PLUG	1	
17	61632-93J00	SHAFT, ENGINE COVER HOOK	2	
18	61641-87L00	HOOK, ENGINE COVER	2	
19	09116-06127	BOLT (6X12)	2	
20	61633-87L00	LEVER, HOOK REAR	1	
21	61645-87L00	LEVER, HOOK FRONT	1	
22	61673-93J11	LATCH, HOOK LEVER	2	
23	09160-13014	WASHER (13.2X25X1)	2	
24	09164-14008	WASHER	2	
25	09202-04022	PIN	2	
26	09306-13007	BUSH	2	
27	01550-0510C	BOLT	2	

DF90A_E01_018

FIG.410B

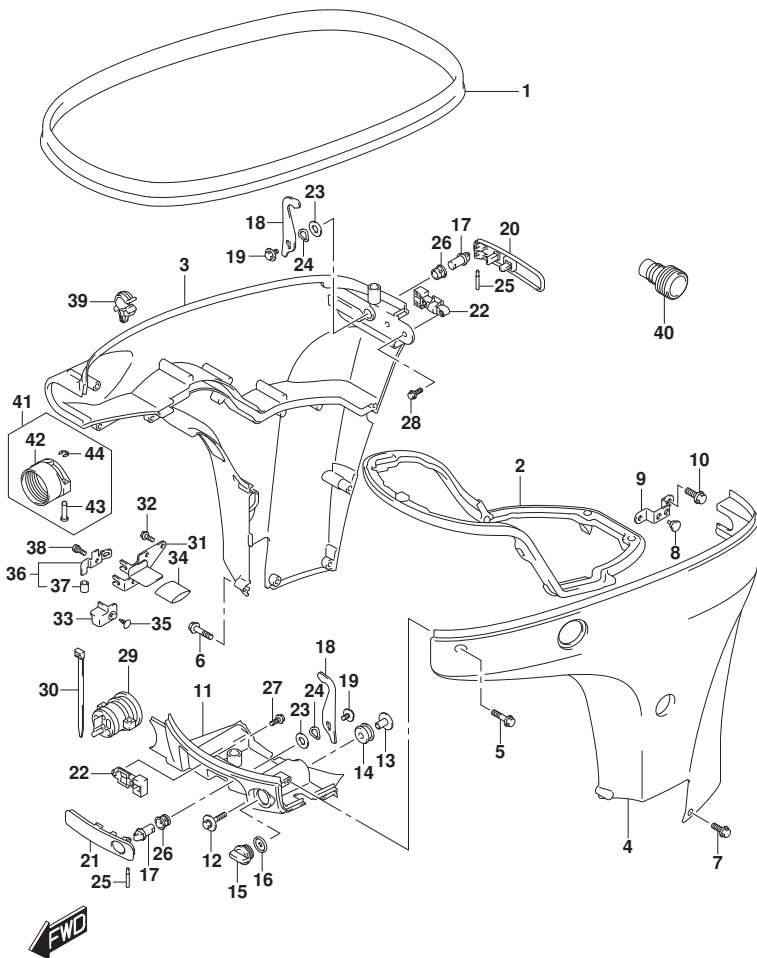


FIG.410B (1-H-8) SIDE COVER (DF70ATH)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
28	01550-0516C	BOLT	2	
29	61124-87L20	GROMMET, REMOCON CABLE	1	
30	09407-25402	CLAMP (L:250)	1	
31	67341-87L00	HOLDER, REMOCON CABLE	1	
32	01550-0616C	BOLT	2	
33	67345-87L00	PROTECTOR	1	
34	67346-87L00	PROTECTOR, HOLDER	1	
35	09409-10304-5ES	CLIP (BLACK)	1	
36	67350-87L01	STOPPER, REMOCON CABLE	1	
37	09352-70103-600	.HOSE (7X10.2X600)	2	L:600->14
38	01570-06127	BOLT	1	
39	09403-11320	CLAMP	1	
40	17917-87L00	CONNECTOR, FLUSH WATER	1	
41	67300-98J10	KIT, HOSE ADAPTER (RIGGING)	1	OPT
42	67361-90J10	.ADAPTER, HOSE (RIGGING)	1	OPT
43	09208-06009	.PIN, HOSE ADAPTER (RIGGING)	2	OPT
44	09383-04002	.E RING	2	OPT

DF70ATH E01
DF70ATH E40
DF90ATH E01
DF90ATH E40

FIG.410C

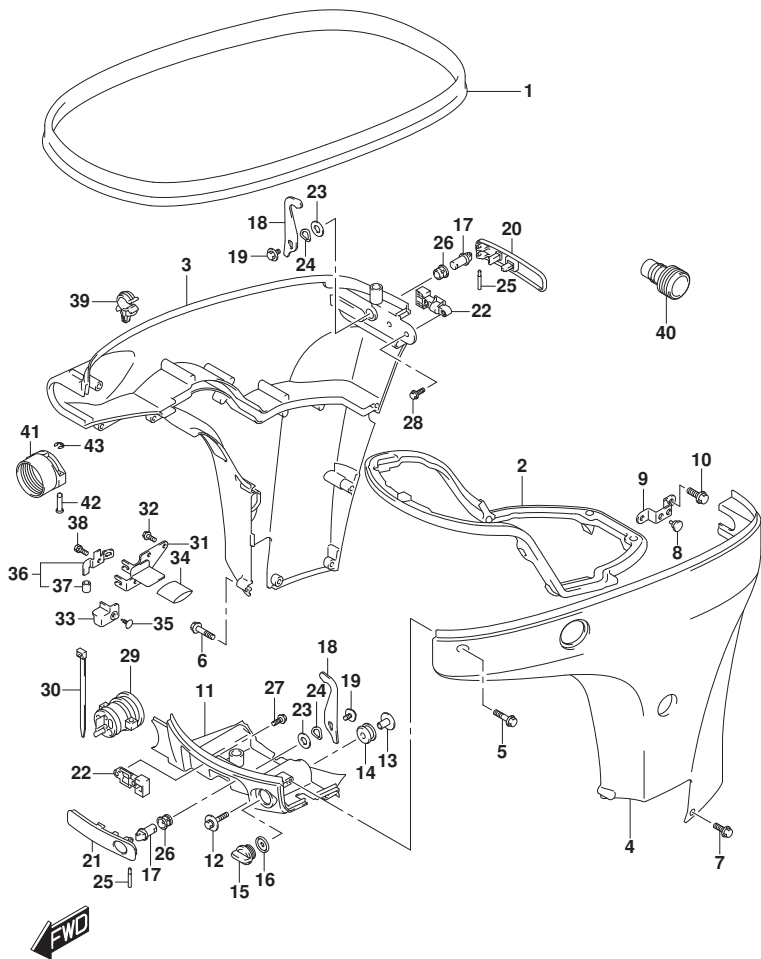


FIG.410C (1-H-9) SIDE COVER (DF80A)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	61112-99E01	RUBBER, SIDE COVER	1	
2	61134-87L00	SEAL, SIDE COVER	1	
3	61811-87L20-YAY	COVER, SIDE STBD (BLACK)	1	
4	61821-87L21-YAY	COVER, SIDE PORT (BLACK)	1	
5	09136-06148	SCREW (6X35)	8	
6	09136-06149	SCREW (6X55)	2	
7	09136-06161	SCREW (6X17)	3	
8	09321-08022	CUSHION	2	
9	61827-87L00	HOLDER, SIDE COVER	1	
10	01550-0820C	BOLT	2	
11	61831-87L20-YAY	PANEL, FRONT (BLACK)	1	
12	09116-08163	BOLT (8X38)	2	
13	09169-08039	WASHER	2	
14	09320-11013	CUSHION	2	
15	17913-93J00	PLUG, WATER	1	
16	17914-93J00	GASKET, WATER PLUG	1	
17	61632-93J00	SHAFT, ENGINE COVER HOOK	2	
18	61641-87L00	HOOK, ENGINE COVER	2	
19	09116-06127	BOLT (6X12)	2	
20	61633-87L00	LEVER, HOOK REAR	1	
21	61645-87L00	LEVER, HOOK FRONT	1	
22	61673-93J11	LATCH, HOOK LEVER	2	
23	09160-13014	WASHER (13.2X25X1)	2	
24	09164-14008	WASHER	2	
25	09202-04022	PIN	2	
26	09306-13007	BUSH	2	
27	01550-0510C	BOLT	2	
28	01550-0516C	BOLT	2	
29	61124-87L20	GROMMET, REMOCON CABLE	1	

FIG.410C

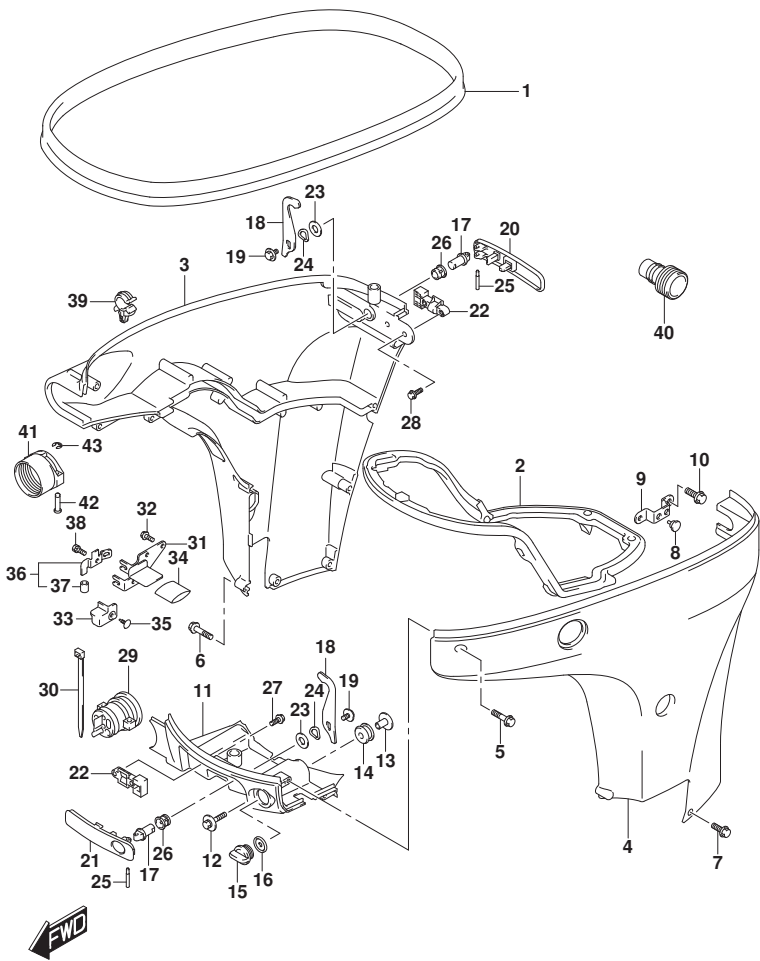


FIG.410C (1-H-10) SIDE COVER (DF80A)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
30	09407-25402	CLAMP (L:250)	1	
31	67341-87L00	HOLDER, REMOCON CABLE	1	
32	01550-0616C	BOLT	2	
33	67345-87L00	PROTECTOR	1	
34	67346-87L00	PROTECTOR, HOLDER	1	
35	09409-10304-5ES	CLIP (BLACK)	1	
36	67350-87L01	STOPPER, REMOCON CABLE	1	
37	09352-70103-600	.HOSE (7X10.2X600)	2	L:600->14
38	01570-06127	BOLT	1	
39	09403-11320	CLAMP	1	
40	17917-87L00	CONNECTOR, FLUSH WATER	1	
41	67361-90J10	ADAPTER, HOSE (RIGGING)	1	
42	09208-06009	PIN, HOSE ADAPTER (RIGGING)	2	
43	09383-04002	E RING	2	

DF80A E01
DF80A E40

FIG.420A

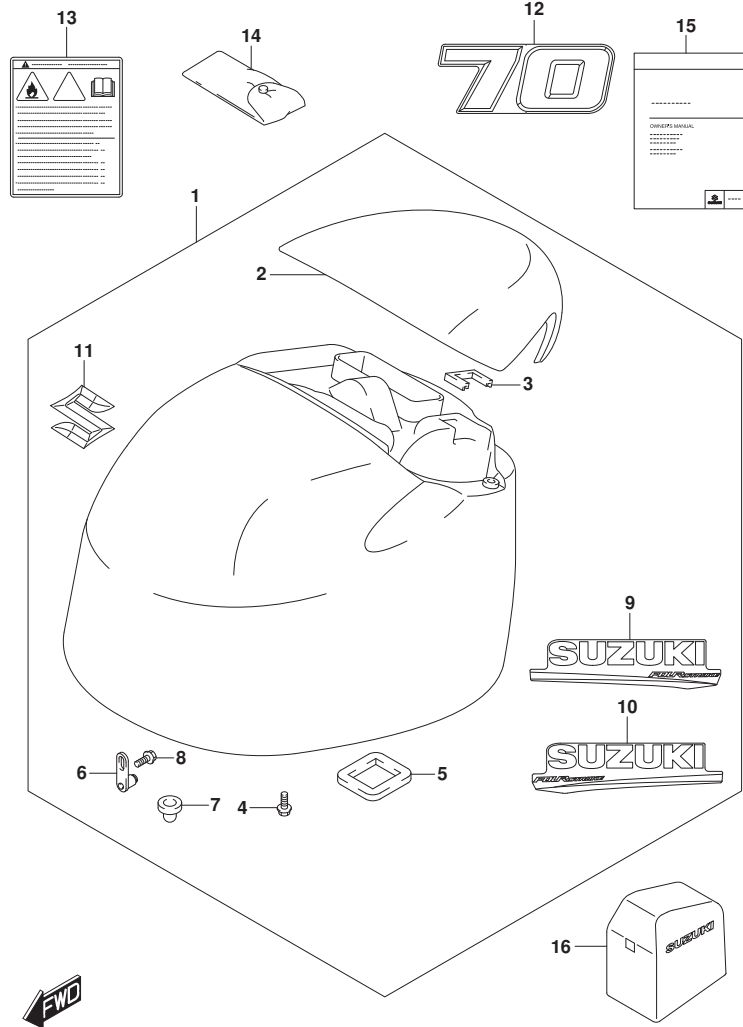


FIG.420A (1-H-11) ENGINE COVER (DF70A E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	61401-87Y01-YAY	COVER SET, ENGINE (BLACK)	1	
1-2	61401-87Y11-Y5S	COVER SET, ENGINE (WHITE)	1	
2-1	61431-87L21-YAY	.HANDLE, TILT UP (BLACK)	1	
2-2	61431-87L21-Y5S	.HANDLE, TILT UP (WHITE)	1	
3	61439-87L00	.SEAL, TILT UP HANDLE	1	
4	01550-0616C	.BOLT	4	
5	61476-87L00	.SEAL, AIR VENT	1	
6	61610-93J00	.FASTENER	2	
7	09329-10022	.CUSHION	2	
8	01550-0612C	.BOLT	2	
9-1	61443-88L20	.STRIPE, ENGINE COVER STBD	1	FOR YAY
9-2	61443-88L30	.STRIPE, ENGINE COVER STBD	1	FOR Y5S
10-1	61453-88L20	.STRIPE, ENGINE COVER PORT	1	FOR YAY
10-2	61453-88L30	.STRIPE, ENGINE COVER PORT	1	FOR Y5S
11	68111-87L00	.EMBLEM (S)	1	
12-1	61435-87LB0	MARK, EMBLEM FRONT & REAR (70)	2	FOR YAY
12-2	61435-87LE0	MARK, EMBLEM FRONT & REAR (70)	2	FOR Y5S
13	61458-90J00	LABEL, ENGINE COVER	1	
14	09800-81841	TOOL SET	1	
15-1	99011-87L60-054	MANUAL, OWNER'S	1	
15-2	99011-87L60-059	MANUAL, OWNER'S	1	
16	68110-87L01	COVER, WEATHER	1	OPT

DF70A E01

FIG.420B

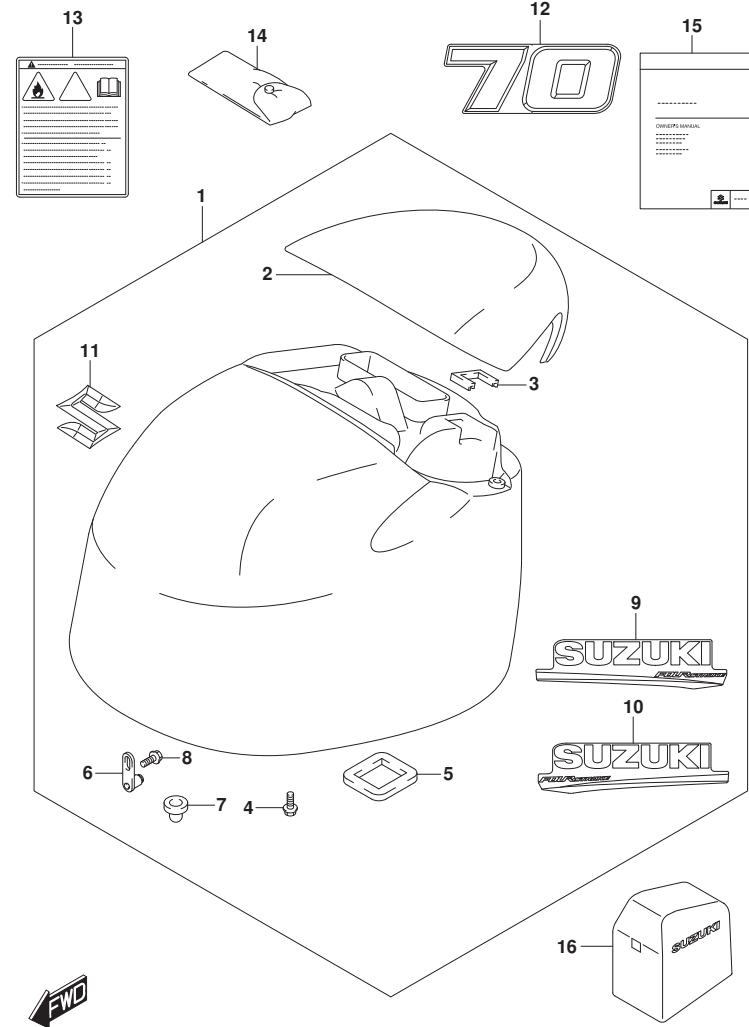


FIG.420B (1-H-12) ENGINE COVER (DF70A E40)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	61401-87Y01-YAY	COVER SET, ENGINE (BLACK)	1	
1-2	61401-87Y11-Y5S	COVER SET, ENGINE (WHITE)	1	
2-1	61431-87L21-YAY	.HANDLE, TILT UP (BLACK)	1	
2-2	61431-87L21-Y5S	.HANDLE, TILT UP (WHITE)	1	
3	61439-87L00	.SEAL, TILT UP HANDLE	1	
4	01550-0616C	.BOLT	4	
5	61476-87L00	.SEAL, AIR VENT	1	
6	61610-93J00	.FASTENER	2	
7	09329-10022	.CUSHION	2	
8	01550-0612C	.BOLT	2	
9-1	61443-88L20	.STRIPE, ENGINE COVER STBD	1	FOR YAY
9-2	61443-88L30	.STRIPE, ENGINE COVER STBD	1	FOR Y5S
10-1	61453-88L20	.STRIPE, ENGINE COVER PORT	1	FOR YAY
10-2	61453-88L30	.STRIPE, ENGINE COVER PORT	1	FOR Y5S
11	68111-87L00	.EMBLEM (S)	1	
12-1	61435-87LB0	MARK, EMBLEM FRONT & REAR (70)	2	FOR YAY
12-2	61435-87LE0	MARK, EMBLEM FRONT & REAR (70)	2	FOR Y5S
13	61458-90J00	LABEL, ENGINE COVER	1	
14	09800-81841	TOOL SET	1	
15	99011-87L60-059	MANUAL, OWNER'S	1	
16	68110-87L01	COVER, WEATHER	1	OPT

DF70A E40

FIG.420C

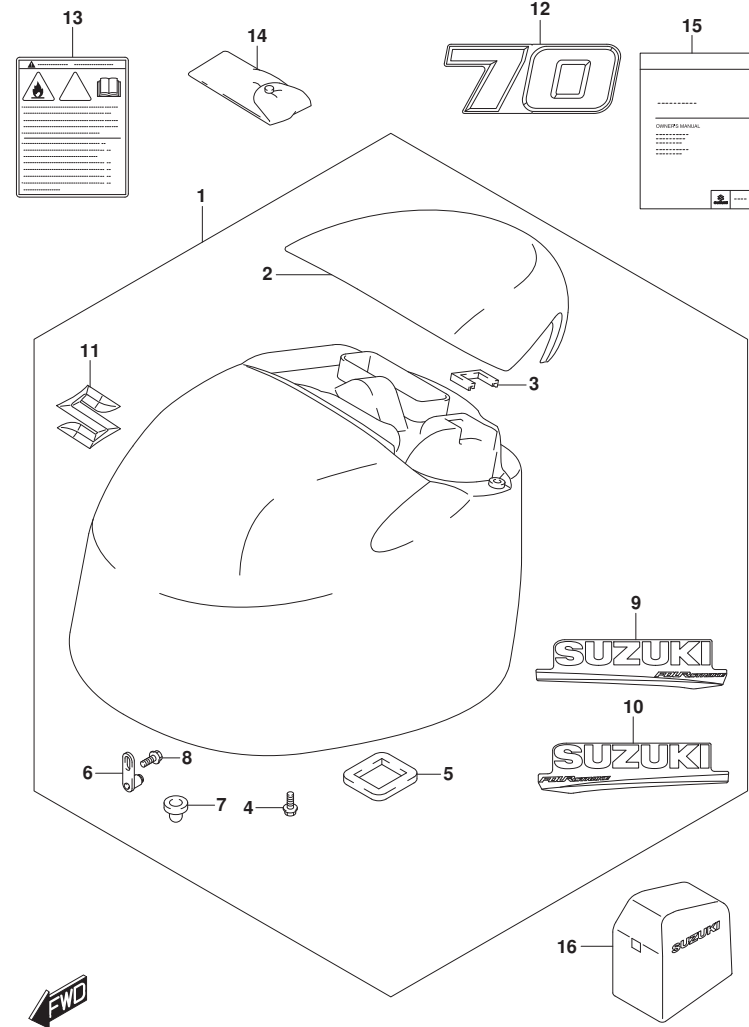


FIG.420C (1-H-13) ENGINE COVER (DF70ATH E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	61401-87Y01-YAY	COVER SET, ENGINE (BLACK)	1	
2	61431-87L21-YAY	.HANDLE, TILT UP (BLACK)	1	
3	61439-87L00	.SEAL, TILT UP HANDLE	1	
4	01550-0616C	.BOLT	4	
5	61476-87L00	.SEAL, AIR VENT	1	
6	61610-93J00	.FASTENER	2	
7	09329-10022	.CUSHION	2	
8	01550-0612C	.BOLT	2	
9	61443-88L20	.STRIPE, ENGINE COVER STBD	1	
10	61453-88L20	.STRIPE, ENGINE COVER PORT	1	
11	68111-87L00	.EMBLEM (S)	1	
12	61435-87LB0	MARK, EMBLEM FRONT & REAR (70)	2	
13	61458-90J00	LABEL, ENGINE COVER	1	
14	09800-81841	TOOL SET	1	
15	99011-87L60-059	MANUAL, OWNER'S	1	
16	68110-87L01	COVER, WEATHER	1	OPT

DF70ATH E01

FIG.420D

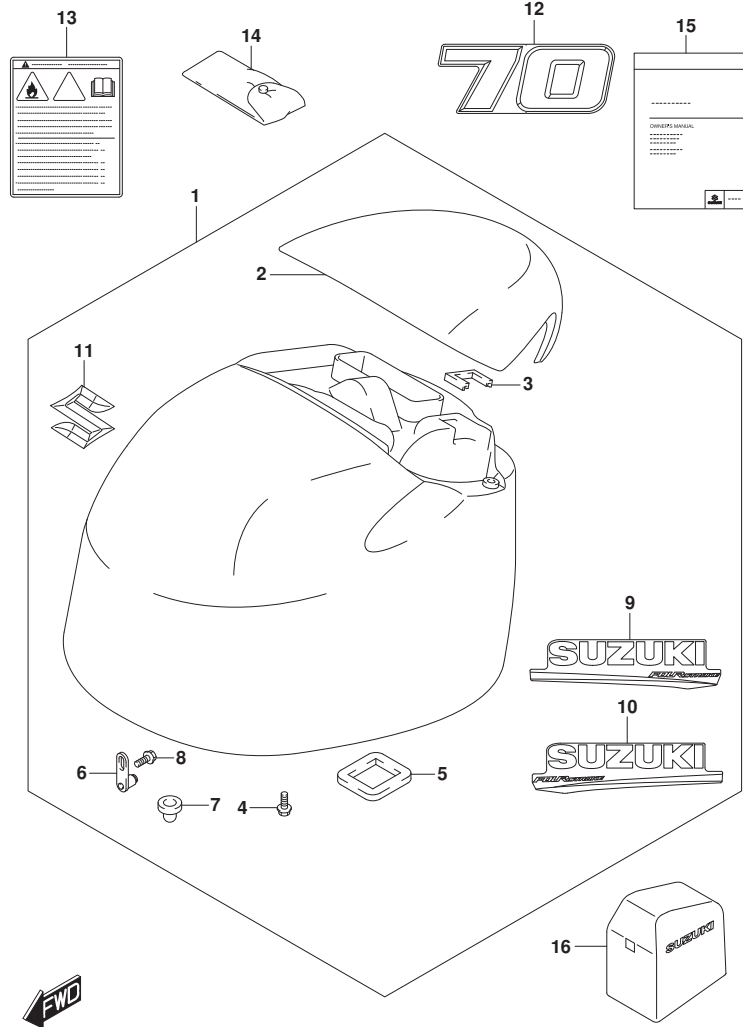


FIG.420D (1-H-14) ENGINE COVER (DF70ATH E40)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	61401-87Y01-YAY	COVER SET, ENGINE (BLACK)	1	
2	61431-87L21-YAY	.HANDLE, TILT UP (BLACK)	1	
3	61439-87L00	.SEAL, TILT UP HANDLE	1	
4	01550-0616C	.BOLT	4	
5	61476-87L00	.SEAL, AIR VENT	1	
6	61610-93J00	.FASTENER	2	
7	09329-10022	.CUSHION	2	
8	01550-0612C	.BOLT	2	
9	61443-88L20	.STRIPE, ENGINE COVER STBD	1	
10	61453-88L20	.STRIPE, ENGINE COVER PORT	1	
11	68111-87L00	.EMBLEM (S)	1	
12	61435-87LB0	MARK, EMBLEM FRONT & REAR (70)	2	
13	61458-90J00	LABEL, ENGINE COVER	1	
14	09800-81841	TOOL SET	1	
15	99011-87L60-059	MANUAL, OWNER'S	1	
16	68110-87L01	COVER, WEATHER	1	OPT

DF70ATH E40

FIG.420E

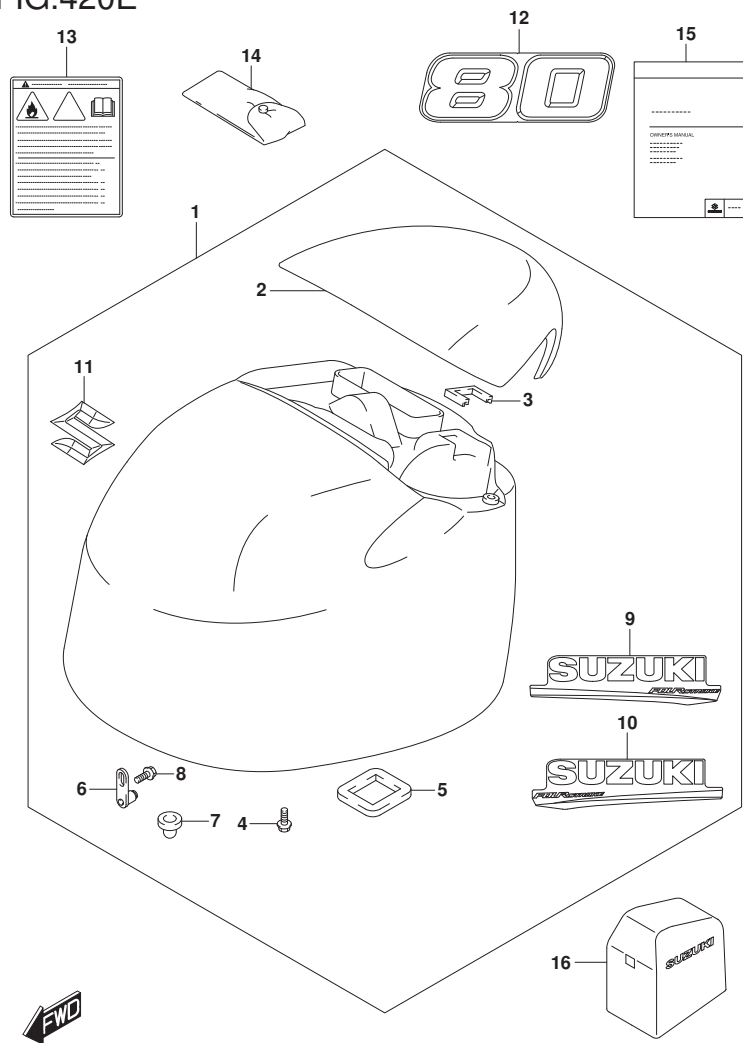


FIG.420E (1-H-15) ENGINE COVER (DF80A E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	61401-87Y01-YAY	COVER SET, ENGINE (BLACK)	1	
2	61431-87L21-YAY	.HANDLE, TILT UP (BLACK)	1	
3	61439-87L00	.SEAL, TILT UP HANDLE	1	
4	01550-0616C	.BOLT	4	
5	61476-87L00	.SEAL, AIR VENT	1	
6	61610-93J00	.FASTENER	2	
7	09329-10022	.CUSHION	2	
8	01550-0612C	.BOLT	2	
9	61443-88L20	.STRIPE, ENGINE COVER STBD	1	
10	61453-88L20	.STRIPE, ENGINE COVER PORT	1	
11	68111-87L00	.EMBLEM (S)	1	
12	61435-87LC0	MARK, EMBLEM FRONT & REAR (80)	2	
13	61458-90J00	LABEL, ENGINE COVER	1	
14	09800-81841	TOOL SET	1	
15-1	99011-87L60-054	MANUAL, OWNER'S	1	
15-2	99011-87L60-059	MANUAL, OWNER'S	1	
16	68110-87L01	COVER, WEATHER	1	OPT

DF80A E01

FIG.420F

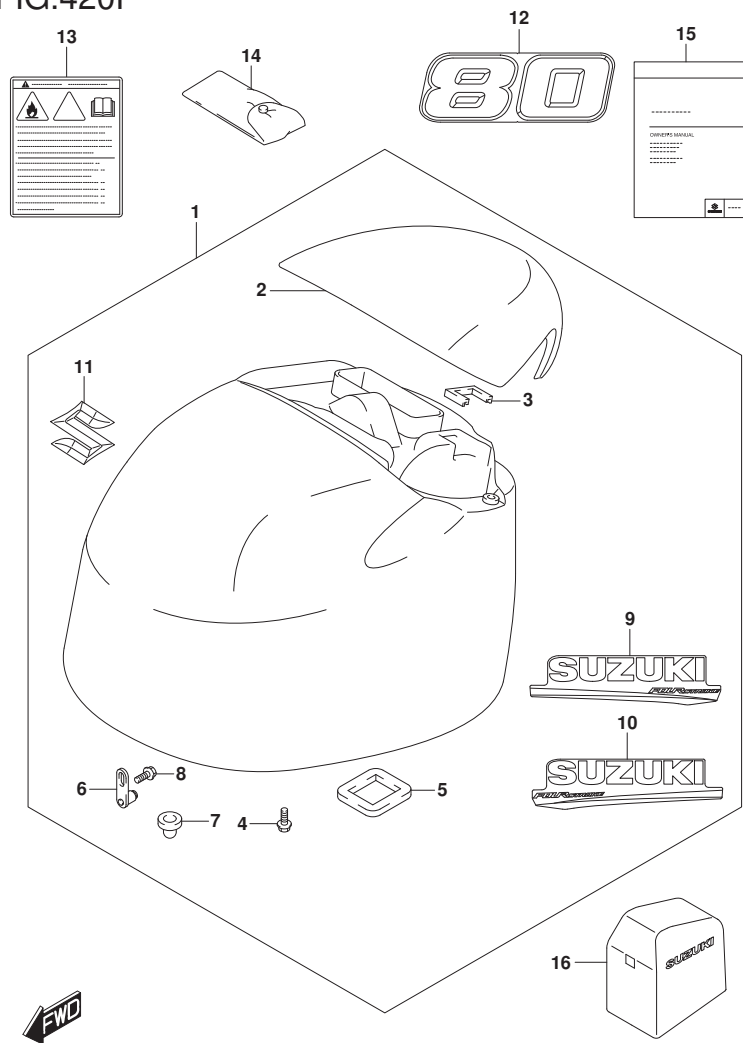


FIG.420F (1-I-2) ENGINE COVER (DF80A E40)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	61401-87Y01-YAY	COVER SET, ENGINE (BLACK)	1	
2	61431-87L21-YAY	.HANDLE, TILT UP (BLACK)	1	
3	61439-87L00	.SEAL, TILT UP HANDLE	1	
4	01550-0616C	.BOLT	4	
5	61476-87L00	.SEAL, AIR VENT	1	
6	61610-93J00	.FASTENER	2	
7	09329-10022	.CUSHION	2	
8	01550-0612C	.BOLT	2	
9	61443-88L20	.STRIPE, ENGINE COVER STBD	1	
10	61453-88L20	.STRIPE, ENGINE COVER PORT	1	
11	68111-87L00	.EMBLEM (S)	1	
12	61435-87LC0	MARK, EMBLEM FRONT & REAR (80)	2	
13	61458-90J00	LABEL, ENGINE COVER	1	
14	09800-81841	TOOL SET	1	
15	99011-87L60-059	MANUAL, OWNER'S	1	
16	68110-87L01	COVER, WEATHER	1	OPT

DF80A E40

FIG.420G

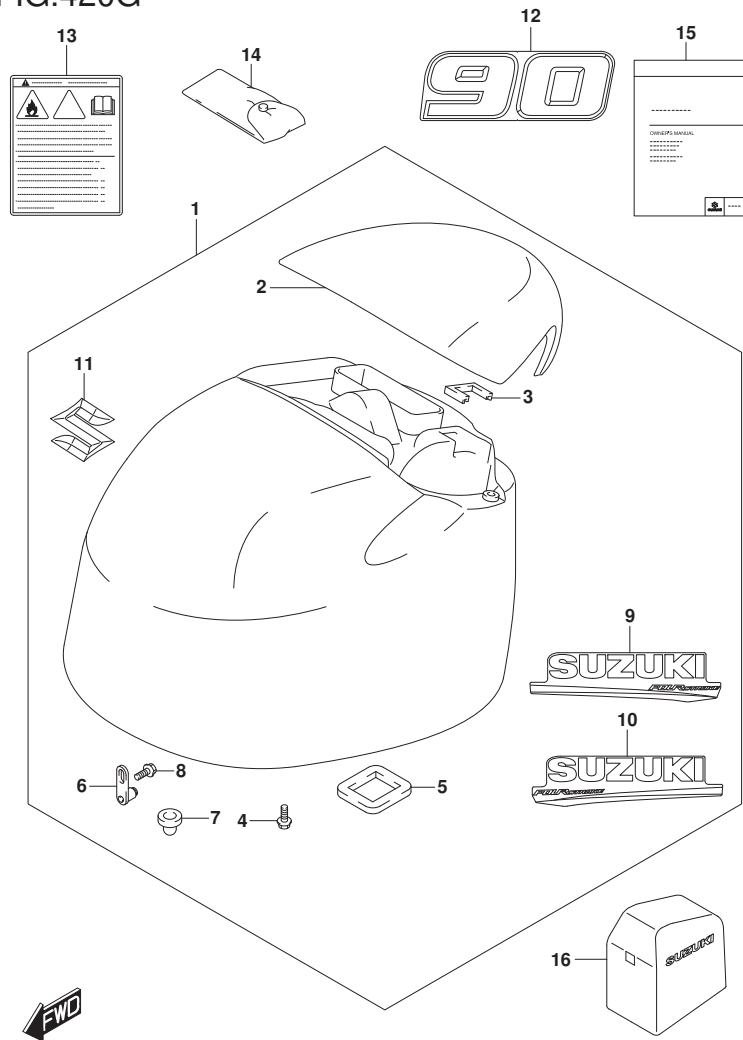


FIG.420G (1-1-3) ENGINE COVER (DF90A E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	61401-87Y01-YAY	COVER SET, ENGINE (BLACK)	1	
1-2	61401-87Y11-Y5S	COVER SET, ENGINE (WHITE)	1	
2-1	61431-87L21-YAY	.HANDLE, TILT UP (BLACK)	1	
2-2	61431-87L21-Y5S	.HANDLE, TILT UP (WHITE)	1	
3	61439-87L00	.SEAL, TILT UP HANDLE	1	
4	01550-0616C	.BOLT	4	
5	61476-87L00	.SEAL, AIR VENT	1	
6	61610-93J00	.FASTENER	2	
7	09329-10022	.CUSHION	2	
8	01550-0612C	.BOLT	2	
9-1	61443-88L20	.STRIPE, ENGINE COVER STBD	1	FOR YAY
9-2	61443-88L30	.STRIPE, ENGINE COVER STBD	1	FOR Y5S
10-1	61453-88L20	.STRIPE, ENGINE COVER PORT	1	FOR YAY
10-2	61453-88L30	.STRIPE, ENGINE COVER PORT	1	FOR Y5S
11	68111-87L00	.EMBLEM (S)	1	
12-1	61435-87LD0	MARK, EMBLEM FRONT & REAR (90)	2	FOR YAY
12-2	61435-87LF0	MARK, EMBLEM FRONT & REAR (90)	2	FOR Y5S
13	61458-90J00	LABEL, ENGINE COVER	1	
14	09800-81841	TOOL SET	1	
15-1	99011-87L60-054	MANUAL, OWNER'S	1	
15-2	99011-87L60-059	MANUAL, OWNER'S	1	
16	68110-87L01	COVER, WEATHER	1	OPT

DF90A E01

FIG.420H

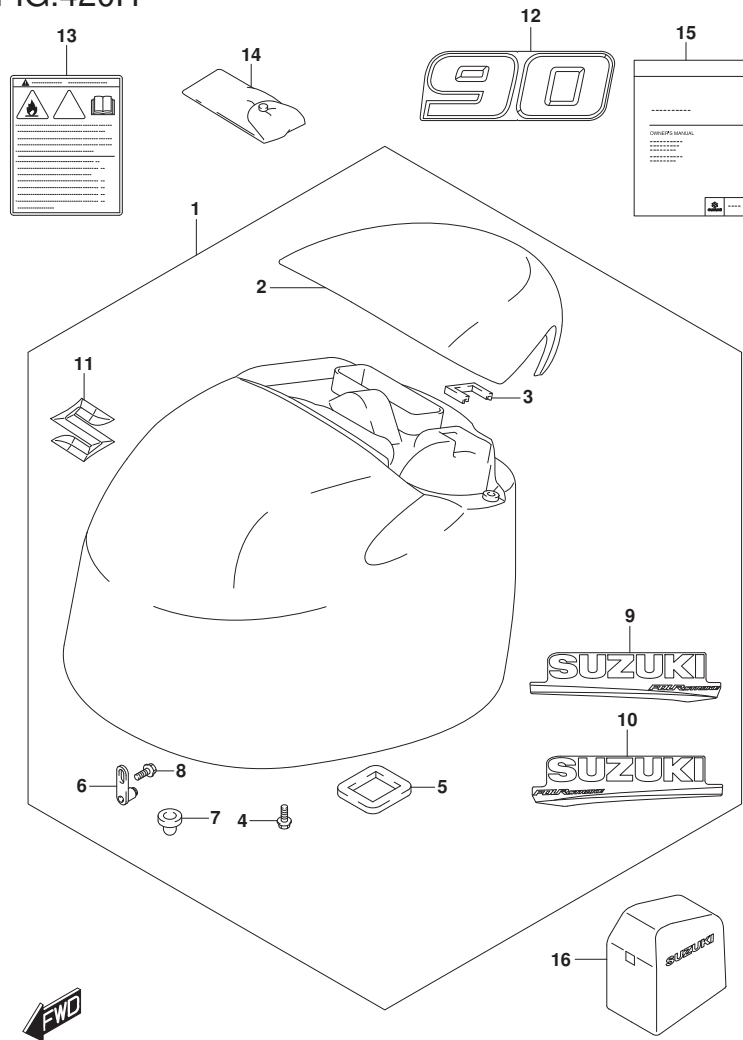


FIG.420H (1-1-4) ENGINE COVER (DF90A E40)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	61401-87Y01-YAY	COVER SET, ENGINE (BLACK)	1	
1-2	61401-87Y11-Y5S	COVER SET, ENGINE (WHITE)	1	
2-1	61431-87L21-YAY	.HANDLE, TILT UP (BLACK)	1	
2-2	61431-87L21-Y5S	.HANDLE, TILT UP (WHITE)	1	
3	61439-87L00	.SEAL, TILT UP HANDLE	1	
4	01550-0616C	.BOLT	4	
5	61476-87L00	.SEAL, AIR VENT	1	
6	61610-93J00	.FASTENER	2	
7	09329-10022	.CUSHION	2	
8	01550-0612C	.BOLT	2	
9-1	61443-88L20	.STRIPE, ENGINE COVER STBD	1	FOR YAY
9-2	61443-88L30	.STRIPE, ENGINE COVER STBD	1	FOR Y5S
10-1	61453-88L20	.STRIPE, ENGINE COVER PORT	1	FOR YAY
10-2	61453-88L30	.STRIPE, ENGINE COVER PORT	1	FOR Y5S
11	68111-87L00	.EMBLEM (S)	1	
12-1	61435-87LD0	MARK, EMBLEM FRONT & REAR (90)	2	FOR YAY
12-2	61435-87LF0	MARK, EMBLEM FRONT & REAR (90)	2	FOR Y5S
13	61458-90J00	LABEL, ENGINE COVER	1	
14	09800-81841	TOOL SET	1	
15	99011-87L60-059	MANUAL, OWNER'S	1	
16	68110-87L01	COVER, WEATHER	1	OPT

DF90A E40

FIG.420J

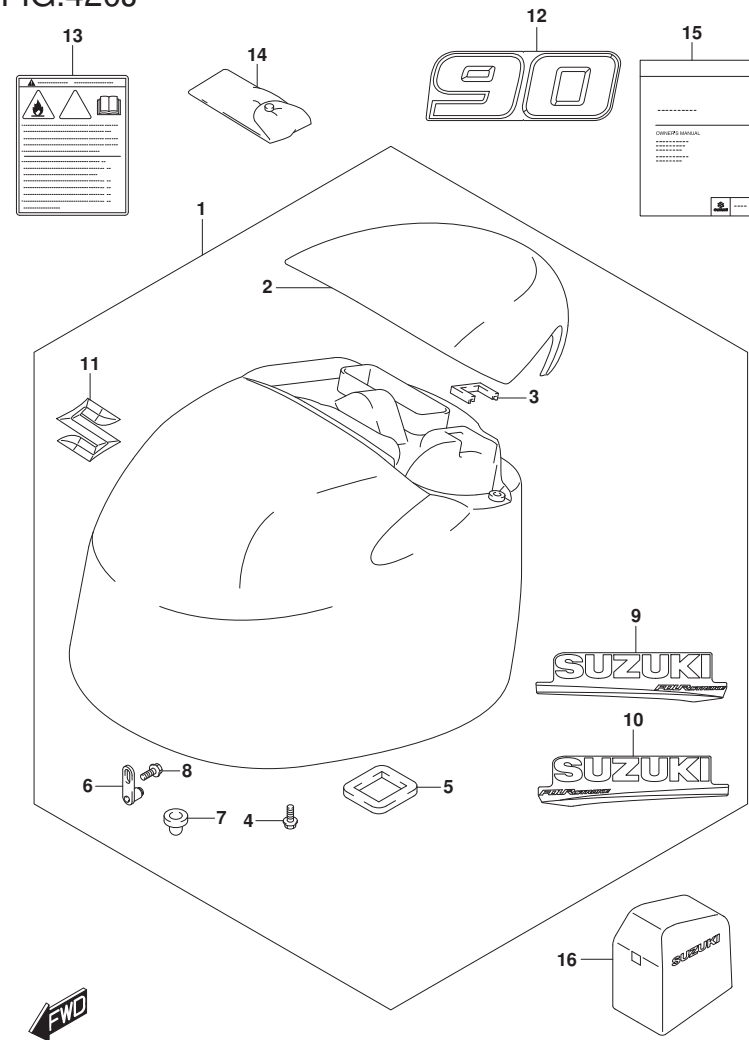


FIG.420J (1-I-5) ENGINE COVER (DF90ATH E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	61401-87Y01-YAY	COVER SET, ENGINE (BLACK)	1	
2	61431-87L21-YAY	.HANDLE, TILT UP (BLACK)	1	
3	61439-87L00	.SEAL, TILT UP HANDLE	1	
4	01550-0616C	.BOLT	4	
5	61476-87L00	.SEAL, AIR VENT	1	
6	61610-93J00	.FASTENER	2	
7	09329-10022	.CUSHION	2	
8	01550-0612C	.BOLT	2	
9	61443-88L20	.STRIPE, ENGINE COVER STBD	1	
10	61453-88L20	.STRIPE, ENGINE COVER PORT	1	
11	68111-87L00	.EMBLEM (S)	1	
12	61435-87LD0	MARK, EMBLEM FRONT & REAR (90)	2	
13	61458-90J00	LABEL, ENGINE COVER	1	
14	09800-81841	TOOL SET	1	
15	99011-87L60-059	MANUAL, OWNER'S	1	
16	68110-87L01	COVER, WEATHER	1	OPT

DF90ATH E01

FIG.420K

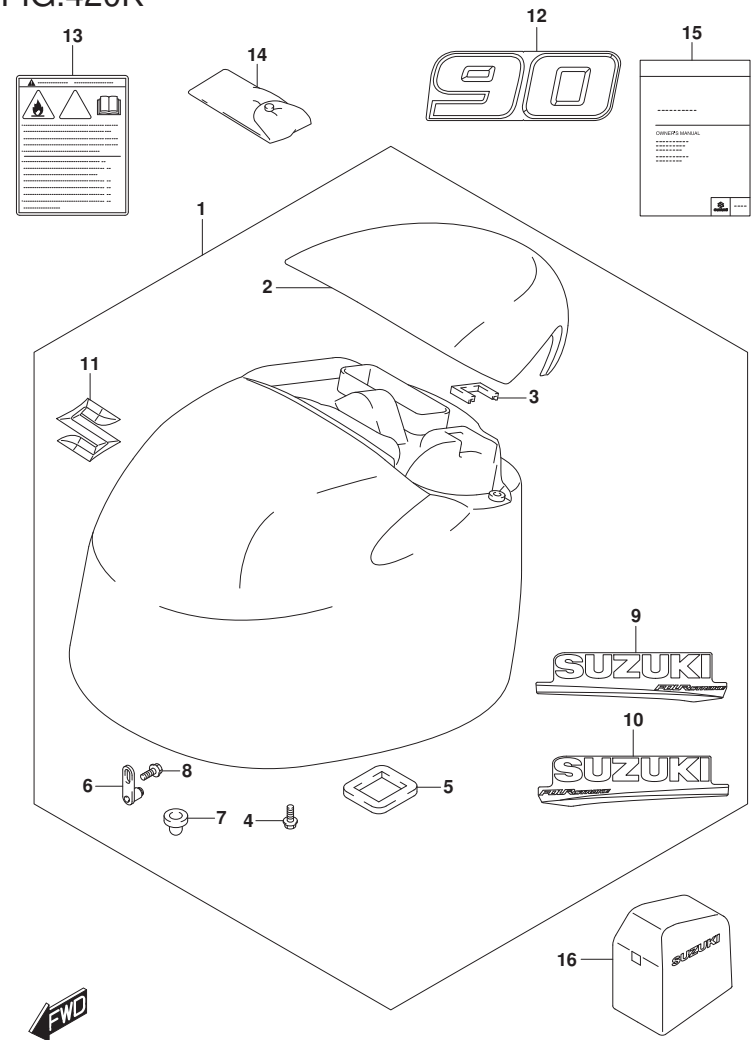


FIG.420K (1-1-6) ENGINE COVER (DF90ATH E40)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	61401-87Y01-YAY	COVER SET, ENGINE (BLACK)	1	
2	61431-87L21-YAY	.HANDLE, TILT UP (BLACK)	1	
3	61439-87L00	.SEAL, TILT UP HANDLE	1	
4	01550-0616C	.BOLT	4	
5	61476-87L00	.SEAL, AIR VENT	1	
6	61610-93J00	.FASTENER	2	
7	09329-10022	.CUSHION	2	
8	01550-0612C	.BOLT	2	
9	61443-88L20	.STRIPE, ENGINE COVER STBD	1	
10	61453-88L20	.STRIPE, ENGINE COVER PORT	1	
11	68111-87L00	.EMBLEM (S)	1	
12	61435-87LD0	MARK, EMBLEM FRONT & REAR (90)	2	
13	61458-90J00	LABEL, ENGINE COVER	1	
14	09800-81841	TOOL SET	1	
15	99011-87L60-059	MANUAL, OWNER'S	1	
16	68110-87L01	COVER, WEATHER	1	OPT

DF90ATH E40

FIG.420L

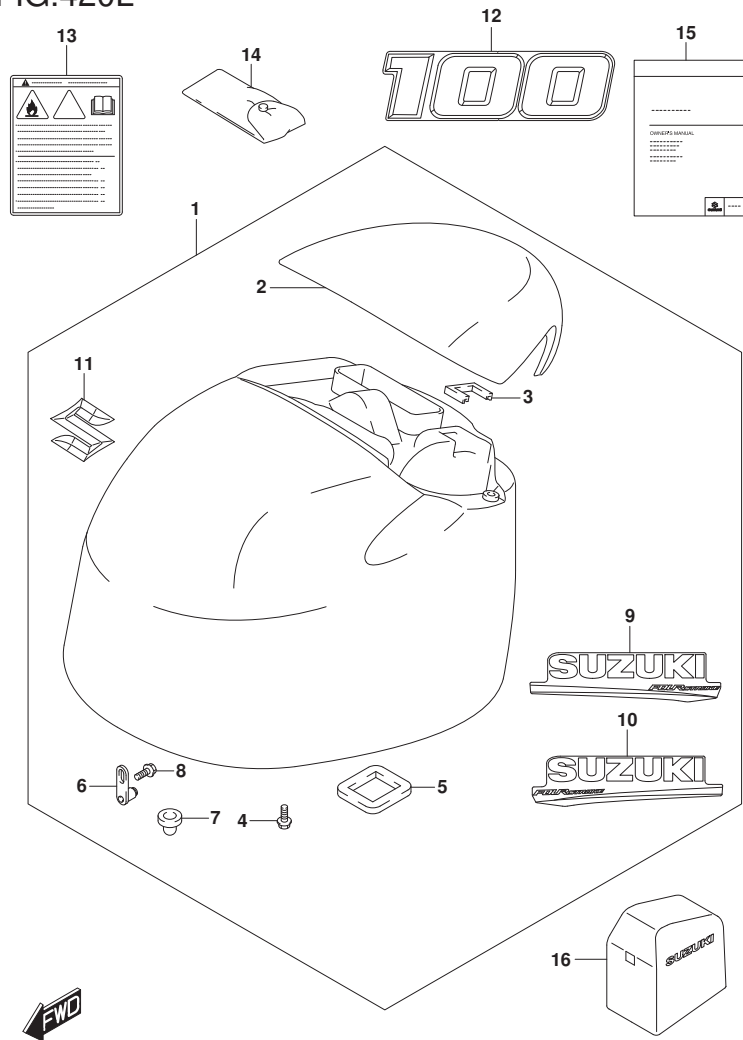


FIG.420L (1-I-7) ENGINE COVER (DF100B E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	61401-87Y01-YAY	COVER SET, ENGINE (BLACK)	1	
1-2	61401-87Y11-Y5S	COVER SET, ENGINE (WHITE)	1	
2-1	61431-87L21-YAY	.HANDLE, TILT UP (BLACK)	1	
2-2	61431-87L21-Y5S	.HANDLE, TILT UP (WHITE)	1	
3	61439-87L00	.SEAL, TILT UP HANDLE	1	
4	01550-0616C	.BOLT	4	
5	61476-87L00	.SEAL, AIR VENT	1	
6	61610-93J00	.FASTENER	2	
7	09329-10022	.CUSHION	2	
8	01550-0612C	.BOLT	2	
9-1	61443-88L20	.STRIPE, ENGINE COVER STBD	1	FOR YAY
9-2	61443-88L30	.STRIPE, ENGINE COVER STBD	1	FOR Y5S
10-1	61453-88L20	.STRIPE, ENGINE COVER PORT	1	FOR YAY
10-2	61453-88L30	.STRIPE, ENGINE COVER PORT	1	FOR Y5S
11	68111-87L00	.EMBLEM (S)	1	
12-1	61422-90J40	MARK, EMBLEM FR & RR (100)	2	FOR YAY
12-2	61422-87L90	MARK, EMBLEM FR & RR (100)	2	FOR Y5S
13	61458-90J00	LABEL, ENGINE COVER	1	
14	09800-81841	TOOL SET	1	
15-1	99011-87L60-054	MANUAL, OWNER'S	1	
15-2	99011-87L60-059	MANUAL, OWNER'S	1	
16	68110-87L01	COVER, WEATHER	1	OPT

DF100B E01

FIG.420M

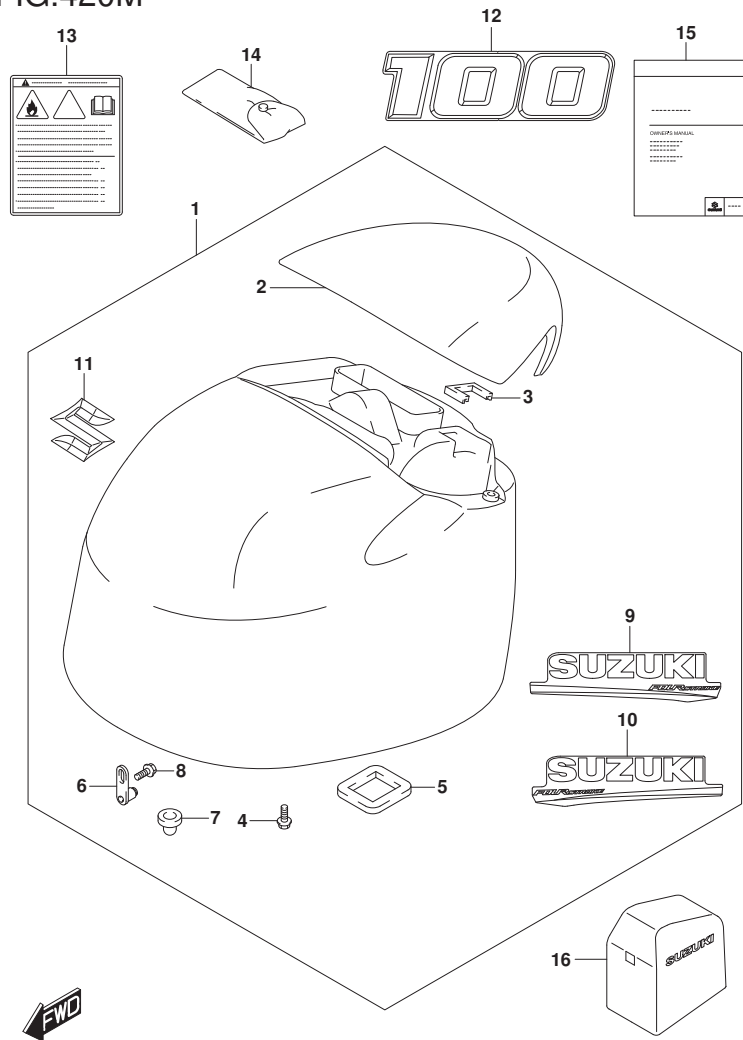


FIG.420M (1-I-8) ENGINE COVER (DF100B E40)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	61401-87Y01-YAY	COVER SET, ENGINE (BLACK)	1	
1-2	61401-87Y11-Y5S	COVER SET, ENGINE (WHITE)	1	
2-1	61431-87L21-YAY	.HANDLE, TILT UP (BLACK)	1	
2-2	61431-87L21-Y5S	.HANDLE, TILT UP (WHITE)	1	
3	61439-87L00	.SEAL, TILT UP HANDLE	1	
4	01550-0616C	.BOLT	4	
5	61476-87L00	.SEAL, AIR VENT	1	
6	61610-93J00	.FASTENER	2	
7	09329-10022	.CUSHION	2	
8	01550-0612C	.BOLT	2	
9-1	61443-88L20	.STRIPE, ENGINE COVER STBD	1	FOR YAY
9-2	61443-88L30	.STRIPE, ENGINE COVER STBD	1	FOR Y5S
10-1	61453-88L20	.STRIPE, ENGINE COVER PORT	1	FOR YAY
10-2	61453-88L30	.STRIPE, ENGINE COVER PORT	1	FOR Y5S
11	68111-87L00	.EMBLEM (S)	1	
12-1	61422-90J40	MARK, EMBLEM FR & RR (100)	2	FOR YAY
12-2	61422-87L90	MARK, EMBLEM FR & RR (100)	2	FOR Y5S
13	61458-90J00	LABEL, ENGINE COVER	1	
14	09800-81841	TOOL SET	1	
15	99011-87L60-059	MANUAL, OWNER'S	1	
16	68110-87L01	COVER, WEATHER	1	OPT

DF100B E40

FIG.432A

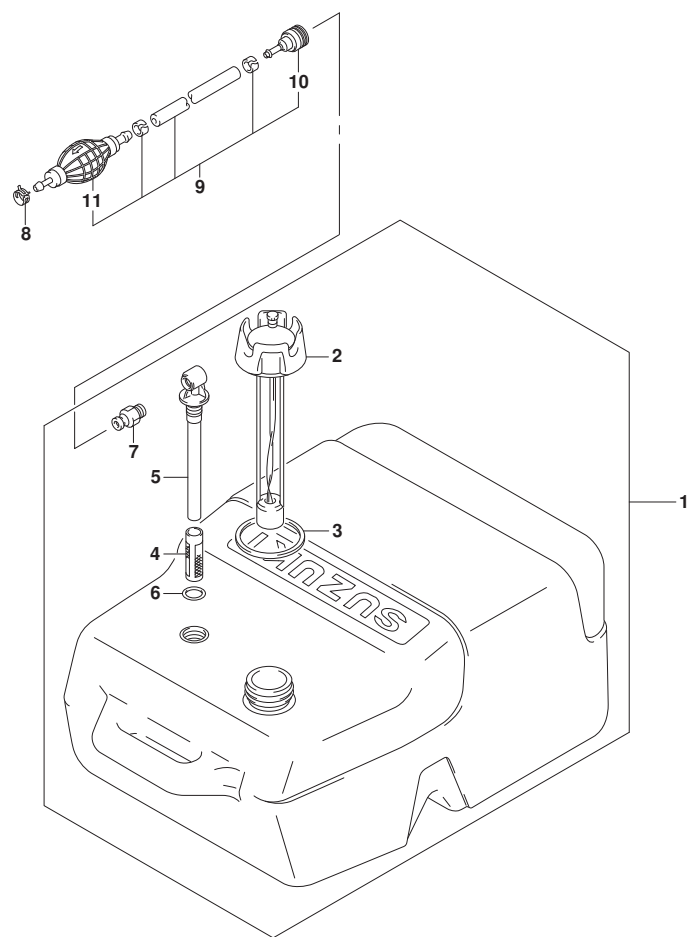


FIG.432A (1-1-9) FUEL TANK

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	65000-95D01	TANK ASSY, FUEL (25L)	1	
2	65520-95D01	.CAP ASSY, FUEL TANK	1	
3	65561-95D00	.GASKET, TANK CAP	1	
4	65831-95D00	.FILTER, OUTLET	1	
5	65890-95D00	.OUTLET ASSY	1	
6	65892-95D00	.O RING, FUEL OUTLET	1	
7	65740-95D01	.PLUG, FUEL CONNECTOR	1	
8	09401-11423	CLIP	1	
9	65700-90J21	HOSE, FUEL (TANK TO ENGINE)	1	
10	65750-95500	.SOCKET, FUEL HOSE	1	
11	65770-90J12	.PUMP, SQUEEZE	1	

FIG.442A

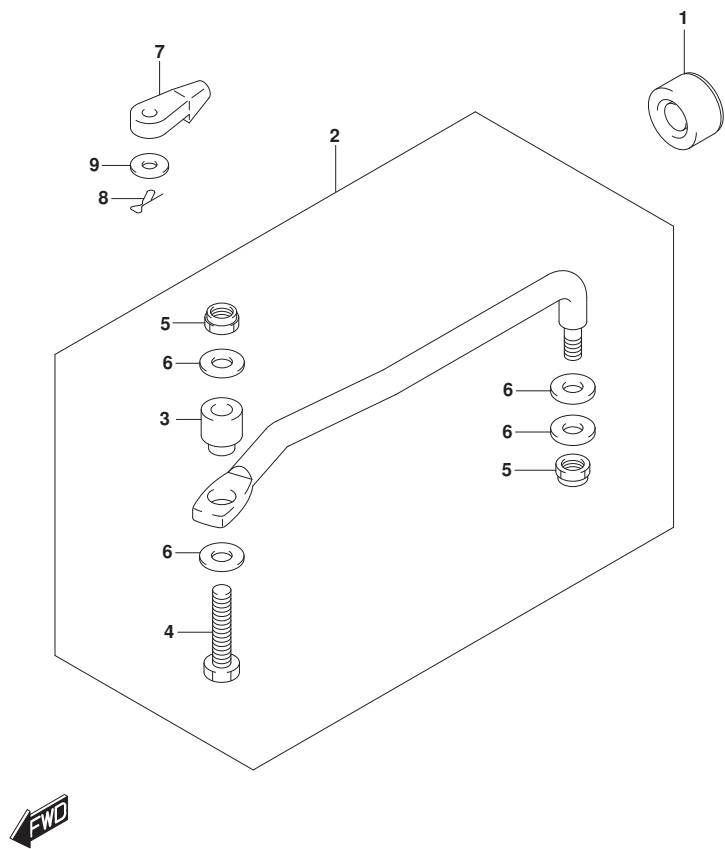
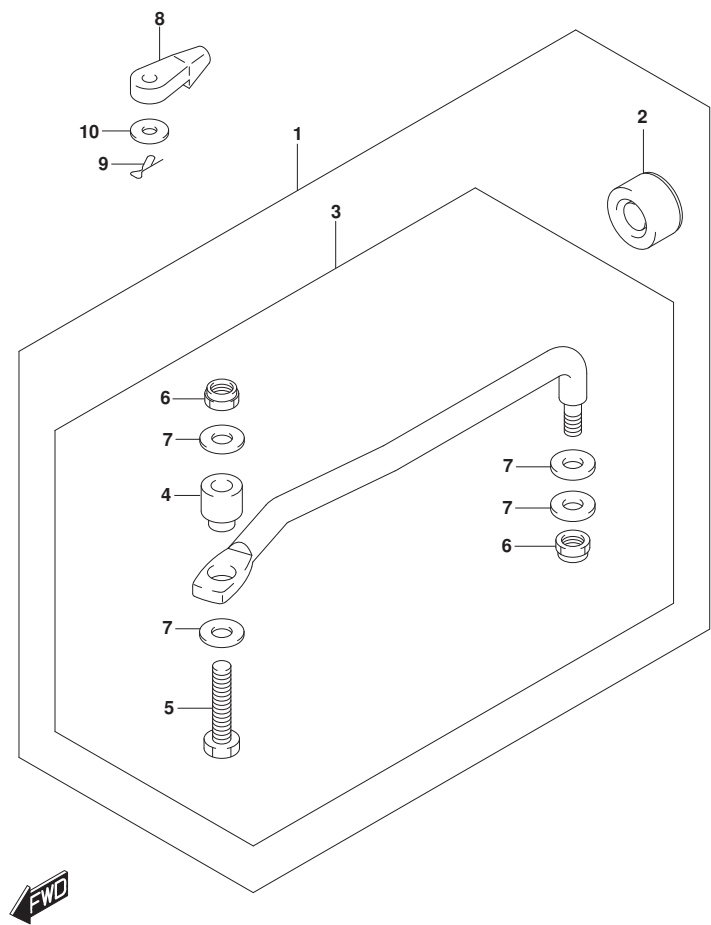


FIG.442A (1-I-10) DRAG LINK (DF70A)(DF80A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	41161-94400	SEAL, STEERING CABLE	1	
2	67701-87L01	LINK, DRAG	1	
3	67721-87L00	.SPACER	1	
4	67725-99E20	.BOLT, DRAG LINK	1	
5	67726-99E00	.NUT	2	
6	67728-99E00	.WASHER	4	
7	67467-89J01	CONNECTOR, REMOCON CABLE	2	
8	09385-06012	CLIP	2	
9	09160-06055	WASHER (7X12X1)	2	

- DF70A E01
- DF70A E40
- DF80A E01
- DF80A E40
- DF90A E01
- DF90A E40
- DF100B E01
- DF100B E40

FIG.442B



DF90A_E01_018_442B
DRAG LINK

FIG.442B (1-I-11) DRAG LINK (DF70ATH)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY		REMARKS
1	67700-87L01	LINK SET, DRAG	1	OPT	
2	41161-94400	.SEAL, STEERING CABLE	1	OPT	
3	67701-87L01	.LINK, DRAG	1	OPT	
4	67721-87L00	..SPACER	1	OPT	
5	67725-99E20	..BOLT, DRAG LINK	1	OPT	
6	67726-99E00	..NUT	2	OPT	
7	67728-99E00	..WASHER	4	OPT	
8	67467-89J01	CONNECTOR, REMOCON CABLE	2		
9	09385-06012	CLIP	2		
10	09160-06055	WASHER (7X12X1)	2		

DF70ATH E01
DF70ATH E40
DF90ATH E01
DF90ATH E40

DF90A_E01_018

FIG.444A

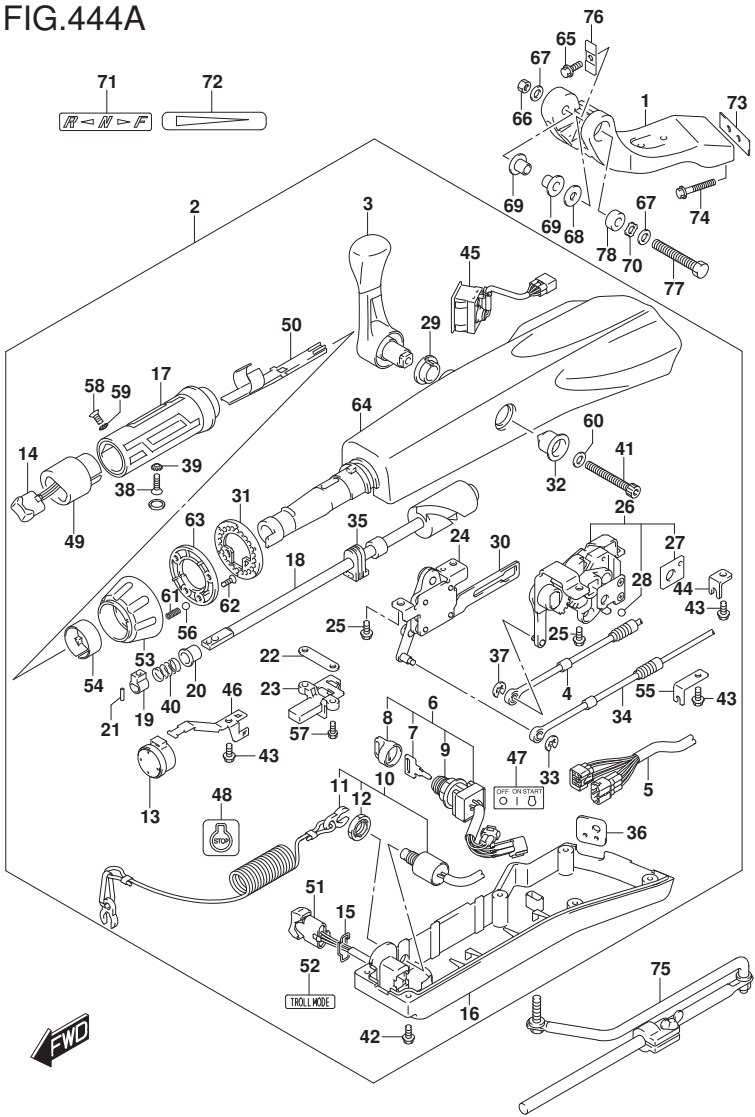
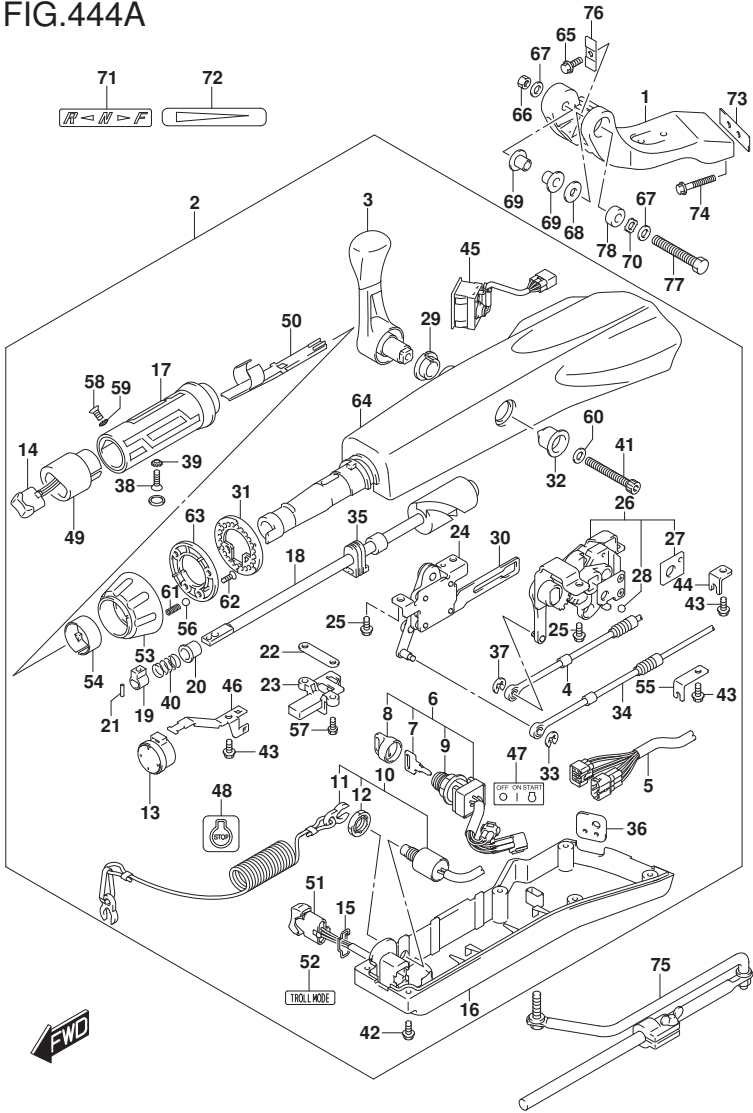


FIG.444A (1-1-13) TILLER HANDLE (DF70ATH)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
17	63210-88L00	.GRIP, HANDLE	1	
18	63221-88L00	.SHAFT, THROTTLE	1	
19	63223-92D00	.STOPPER, HANDLE ROD	1	
20	63225-88L00	.BUSH, HANDLE ROD	1	
21	63227-93Z00	.PIN, HANDLE ROD	1	
22	63235-88L00	.PLATE, THROTTLE SHAFT	1	
23	63246-88L00	.STOPPER THROTTLE ADJ	1	
24	63250-88L00	.ARM ASSY, THROTTLE	1	
25	63251-87J00	.BOLT, SHIFT GEAR ASSY	4	
26	63260-88L00	.GEAR ASSY, SHIFT	1	
27	63272-87J00	..PLATE, BALL GUIDE	1	
28	63273-87J00	..BALL	1	
29	63262-87J00	.BUSH, SHIFT LEVER	1	
30	63271-87J00	.PLATE, LOCK	1	
31	63248-99J00	.PLATE, THROTTLE ADJ NOTCH	1	
32	63261-87J00	.BUSH, SHIFT GEAR	1	
33	63274-87J00	.E RING	1	
34	63610-87J00	.CABLE, THROTTLE	1	
35	37853-88L90	.GROMMET, PTT SWITCH LEAD	1	
36	63626-88L00	.GROMMET, WIRE HARNESS	1	
37	67292-87J00	.E RING	2	
38	09126-06015	.SCREW (6X23)	1	
39	09163-06001	.LOCK WASHER	1	
40	09440-12027	.SPRING	1	
41	21112-88L00	.BOLT SHIFT LEVER	1	
42	09125-05047	.SCREW (5X14)	6	
43	63611-88L00	.BOLT CLAMP BRACKET	3	

FIG.444A



DF90A_E01_018_444A
TILLER HANDLE

FIG.444A (1-1-14) TILLER HANDLE (DF70ATH)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
44	63612-87J00	.BRACKET, CLAMP	1	
45	34200-87L00	.TACHOMETER ASSY, WITH MONITOR	1	
46	36617-88L90	.CLAMP PLATE, MAIN HARNESS	1	
47	37112-88L91	.LABEL, IGNITION SWITCH	1	
48	37835-95D00	.LABEL, STOP	1	
49	37851-88L90	.BASE, PTT SWITCH	1	
50	37852-88L90	.HARNESS, GUIDE	1	
51	37861-87L11	.SWITCH, TROLLING CONTROL	1	
52	37864-88L91	.LABEL, TROLL MODE	1	
53	63244-99J00	.KNOB, THROTTLE ADJ	1	
54	63245-99J00	.BUSH, THROTTLE ADJ	1	
55	63612-88L10	.BRACKET, CLAMP SHIFT	1	
56	09260-10006	.BALL	1	
57	63251-88L90	.BOLT	2	
58	37855-88L90	.SCREW, THROTTLE GRIP	1	
59	37854-88L90	.WASHER, THROTTLE GRIP	1	
60	63258-88L00	.WASHER	1	
61	09440-06037	.SPRING	1	
62	03522-05169	.SCREW	3	
63	63247-99J00	.PLATE, THROTTLE ADJ KNOB	1	
64	63111-88L00-YAY	.HOUSING, TILLER HANDLE (BLACK)	1	
65	09116-08137	BOLT (8X22)	1	
66	09159-12014	NUT	1	
67	09160-12066	WASHER (12.5X22X2.5)	2	
68	09160-12124	WASHER (12.5X32X1.5)	1	
69	63115-88L00	BUSH, TILLER HANDLE PIVOT	2	

DF90A_E01_018

FIG.444A

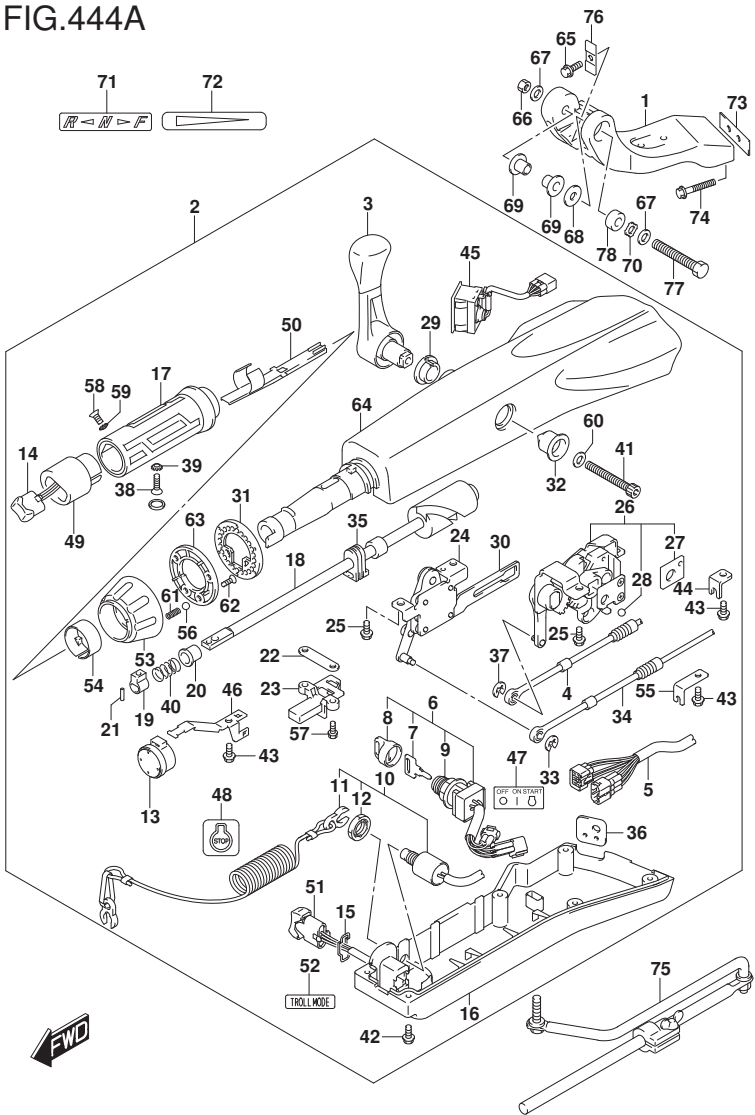


FIG.444A (1-I-15) TILLER HANDLE (DF70ATH)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
70	09164-13010	WASHER	1	
71	21131-88L01	MARK, CLUTCH SHIFT	1	
72	63215-93110	MARK, HANDLE GRIP	1	
73	43776-87L00	SPACER, STRG BRKT	1	
74	09116-10150	BOLT (10X55)	2	
75	43770-99E03	ADJUSTER ASSY, STEERING	1	
76	63132-88L00	STOPPER, TILLER HANDLE	1	
77	43762-88L00	BOLT TILLER HANDLE PIVOT	1	
78	43768-88L00	SPACER, TILLER HANDLE	1	

DF70ATH E01
DF70ATH E40
DF90ATH E01
DF90ATH E40

FIG.460A

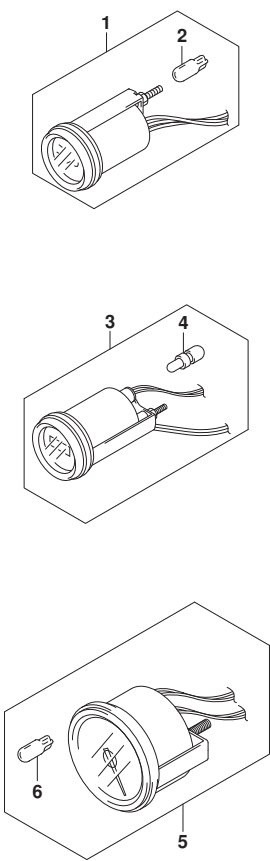


FIG.460A (1-J-2) METER (DF70A)(DF80A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	34800-93J00	METER ASSY, TRIM	1	BLACK
1-2	34800-93J11	METER ASSY, TRIM	1	WHITE
2	09471-12108	.BULB (12V1.7W,T6.5)	1	
3-1	34500-93J00	METER ASSY, HOUR	1	BLACK
3-2	34500-93J11	METER ASSY, HOUR	1	WHITE
4	09471-12103	.BULB (12V3W,T6.5)	1	
5-1	34200-93J00	TACHOMETER ASSY, WITH MONITOR	1	BLACK
5-2	34200-93J12	TACHOMETER ASSY, WITH MONITOR	1	WHITE
6	09471-12077	.BULB (12V1.7W,T10,WB121)	1	

DF70A E01
DF70A E40
DF80A E01
DF80A E40
DF90A E01
DF90A E40
DF100B E01
DF100B E40

FIG.501A

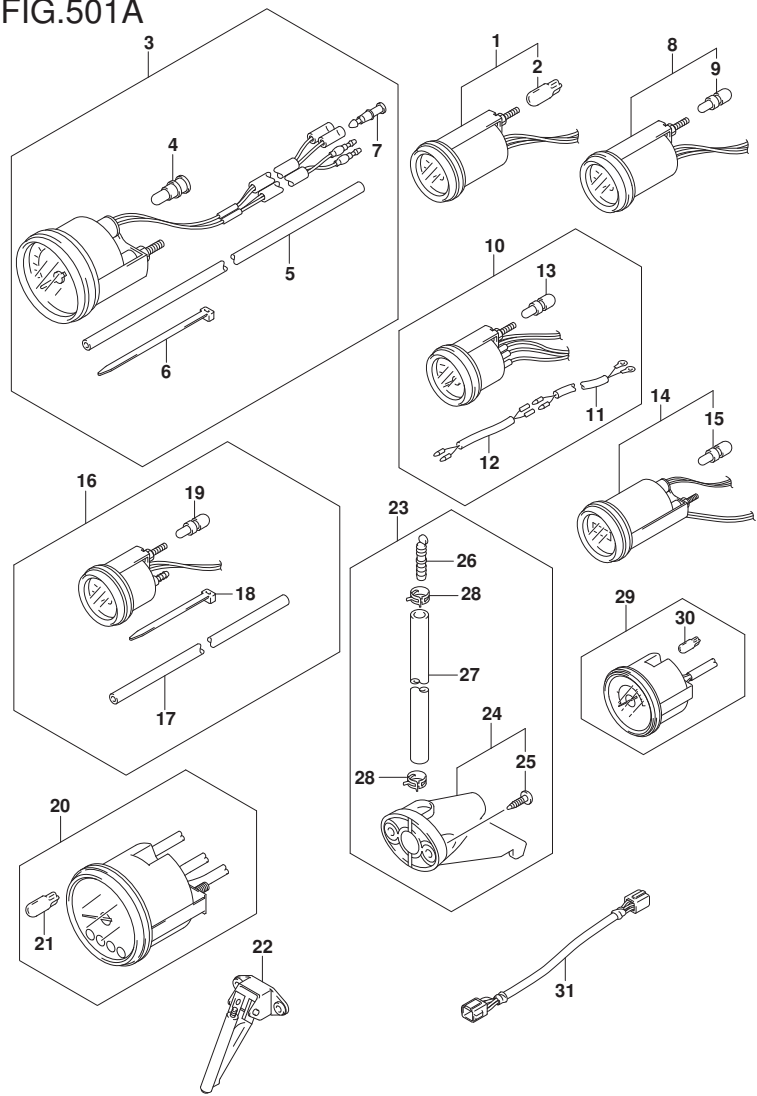
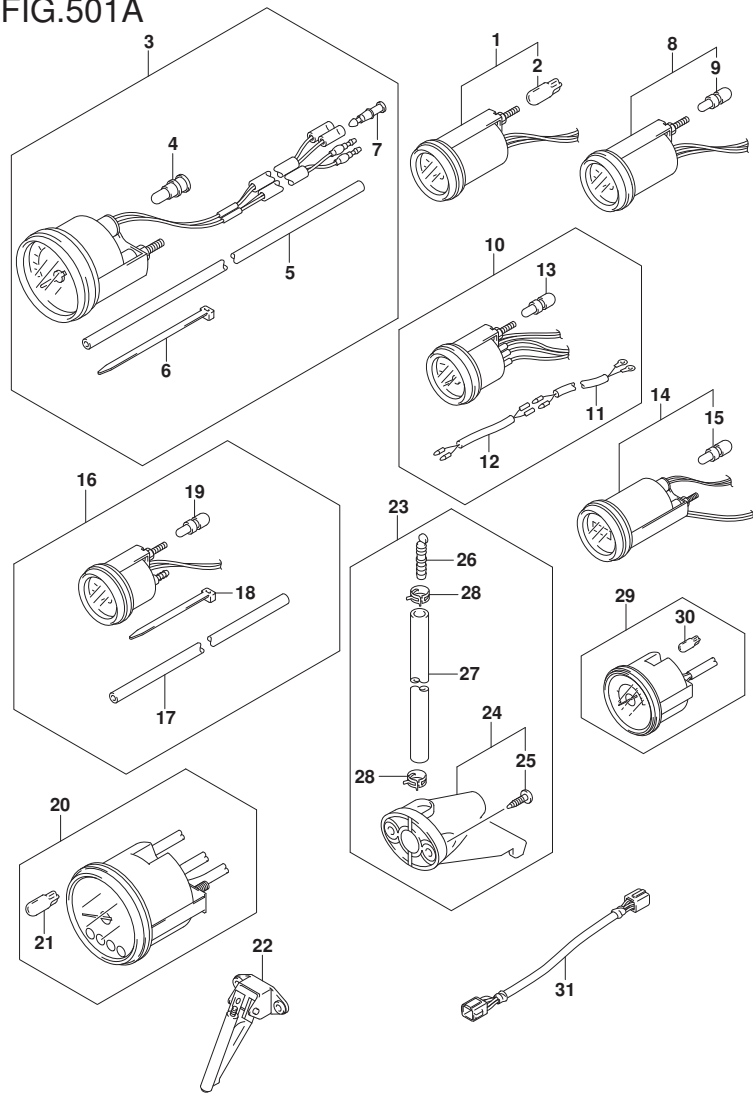


FIG.501A (1-J-3) OPT:METER (DF70A)(DF80A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	34800-93J00	METER ASSY, TRIM	1	BLACK
1-2	34800-93J11	METER ASSY, TRIM	1	WHITE
2	09471-12108	.BULB (12V1.7W,T6.5)	1	
3-1	34100-93J00	SPEEDOMETER ASSY	1	MAX 130KM/H BLACK
3-2	34100-93J11	SPEEDOMETER ASSY	1	MAX 130KM/H WHITE
3-3	34100-93J20	SPEEDOMETER ASSY	1	MAX 80KM/H BLACK
3-4	34100-93J31	SPEEDOMETER ASSY	1	MAX 80KM/H WHITE
3-5	34100-93J40	SPEEDOMETER ASSY	1	MAX 45KNOTS BLACK
3-6	34100-93J51	SPEEDOMETER ASSY	1	MAX 45KNOTS WHITE
3-7	34100-93J60	SPEEDOMETER ASSY	1	MAX 65KNOTS WHITE
4	09471-12028	.BULB (12V3.4W,T10)	1	
5	34191-92E00	.TUBE	1	
6	09407-14407	.CLAMP (L:145)	2	
7	36615-96300	.TERMINAL, RESIN	2	
8-1	34600-93J00	METER ASSY, VOLTAGE	1	BLACK
8-2	34600-93J11	METER ASSY, VOLTAGE	1	WHITE
9	09471-12103	.BULB (12V3W,T6.5)	1	
10-1	34300-93J00	GAUGE ASSY, FUEL	1	BLACK
10-2	34300-93J11	GAUGE ASSY, FUEL	1	WHITE
11	34310-92E00	.LEAD, FUEL GAUGE	1	
12	34360-92E00	ADAPTER, FUEL GAUGE	1	
13	09471-12103	.BULB (12V3W,T6.5)	1	

FIG.501A



DF90A_E01_018_501A
OPT:METER

FIG.501A (1-J-4) OPT:METER (DF70A)(DF80A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
14-1	34500-93J00	METER ASSY, HOUR	1	BLACK
14-2	34500-93J11	METER ASSY, HOUR	1	WHITE
15	09471-12103	.BULB (12V3W,T6.5)	1	
16-1	34650-93J20	GAUGE ASSY, WATER PRESSURE	1	15PSI BLACK
16-2	34650-93J31	GAUGE ASSY, WATER PRESSURE	1	15PSI WHITE
17	34191-92E00	.TUBE	1	
18	09407-14407	.CLAMP (L:145)	2	
19	09471-12103	.BULB (12V3W,T6.5)	1	
20-1	34200-93J00	TACHOMETER ASSY, WITH MONITOR	1	BLACK
20-2	34200-93J12	TACHOMETER ASSY, WITH MONITOR	1	WHITE
21	09471-12077	.BULB (12V1.7W,T10,WB121)	1	
22	34190-87D00	SENDER ASSY, SPEEDOMETER	1	
23	34120-98J01	KIT, SPEEDOMETER SUB	1	
24	34190-95500	.SENDER ASSY, SPEEDOMETER	1	
25	03112-0630B	..SCREW	2	
26	55127-87D00	.UNION, SPEEDOMETER HOSE	1	
27	09355-40805-00B	.HOSE (4X8X2000)	1	L:2000->1700
28	09407-10404	.CLAMP (L:100)	2	
29-1	34200-93J40	TACHOMETER ASSY, WITH MONITOR	1	BLACK
29-2	34200-93J51	TACHOMETER ASSY, WITH MONITOR	1	WHITE
30	09471-12077	.BULB (12V1.7W,T10,WB121)	1	
31	36682-92E00	WIRE, TRIM METER	1	

DF70A E01
DF70A E40
DF80A E01
DF80A E40
DF90A E01
DF90A E40
DF100B E01
DF100B E40

FIG.501B

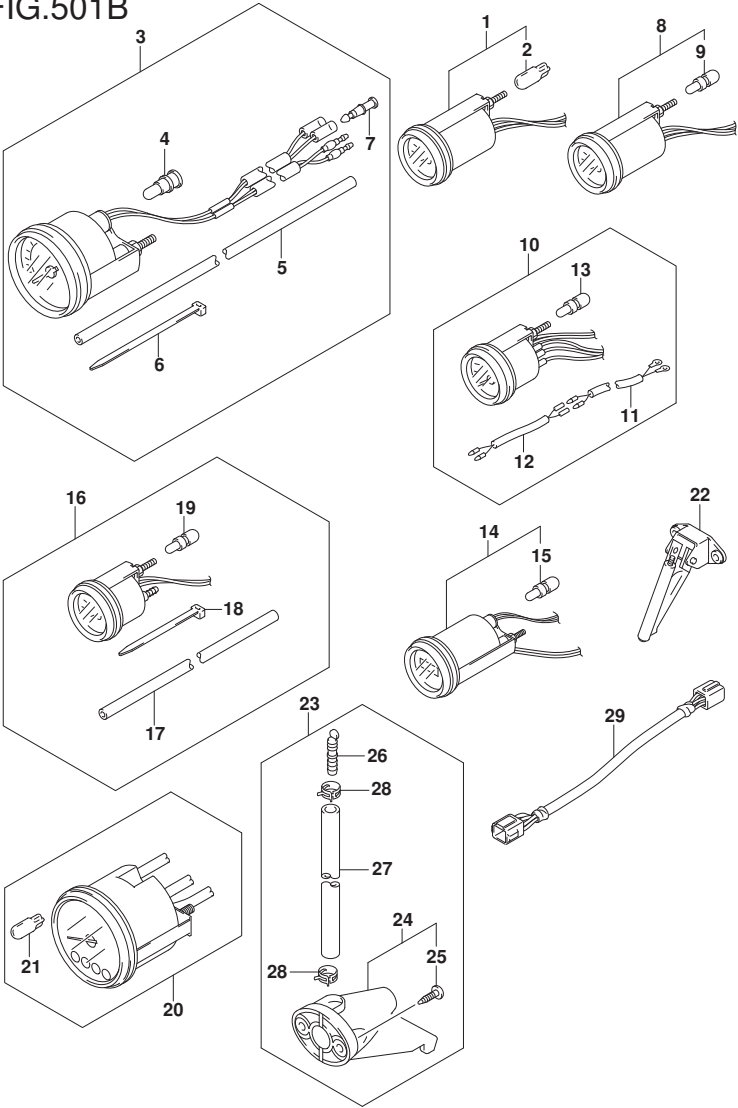


FIG.501B (1-J-5) OPT:METER (DF70ATH)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	34800-93J00	METER ASSY, TRIM	1	BLACK
1-2	34800-93J11	METER ASSY, TRIM	1	WHITE
2	09471-12108	.BULB (12V1.7W,T6.5)	1	
3-1	34100-93J00	SPEEDOMETER ASSY	1	MAX 130KM/H BLACK
3-2	34100-93J11	SPEEDOMETER ASSY	1	MAX 130KM/H WHITE
3-3	34100-93J20	SPEEDOMETER ASSY	1	MAX 80KM/H BLACK
3-4	34100-93J31	SPEEDOMETER ASSY	1	MAX 80KM/H WHITE
3-5	34100-93J40	SPEEDOMETER ASSY	1	MAX 45KNOTS BLACK
3-6	34100-93J51	SPEEDOMETER ASSY	1	MAX 45KNOTS WHITE
3-7	34100-93J60	SPEEDOMETER ASSY	1	MAX 65KNOTS WHITE
4	09471-12028	.BULB (12V3.4W,T10)	1	
5	34191-92E00	.TUBE	1	
6	09407-14407	.CLAMP (L:145)	2	
7	36615-96300	.TERMINAL, RESIN	2	
8-1	34600-93J00	METER ASSY, VOLTAGE	1	BLACK
8-2	34600-93J11	METER ASSY, VOLTAGE	1	WHITE
9	09471-12103	.BULB (12V3W,T6.5)	1	
10-1	34300-93J00	GAUGE ASSY, FUEL	1	BLACK
10-2	34300-93J11	GAUGE ASSY, FUEL	1	WHITE
11	34310-92E00	.LEAD, FUEL GAUGE	1	
12	34360-92E00	ADAPTER, FUEL GAUGE	1	
13	09471-12103	.BULB (12V3W,T6.5)	1	
14-1	34500-93J00	METER ASSY, HOUR	1	BLACK
14-2	34500-93J11	METER ASSY, HOUR	1	WHITE
15	09471-12103	.BULB (12V3W,T6.5)	1	
16-1	34650-93J20	GAUGE ASSY, WATER PRESSURE	1	15PSI BLACK
16-2	34650-93J31	GAUGE ASSY, WATER PRESSURE	1	15PSI WHITE

FIG.501B

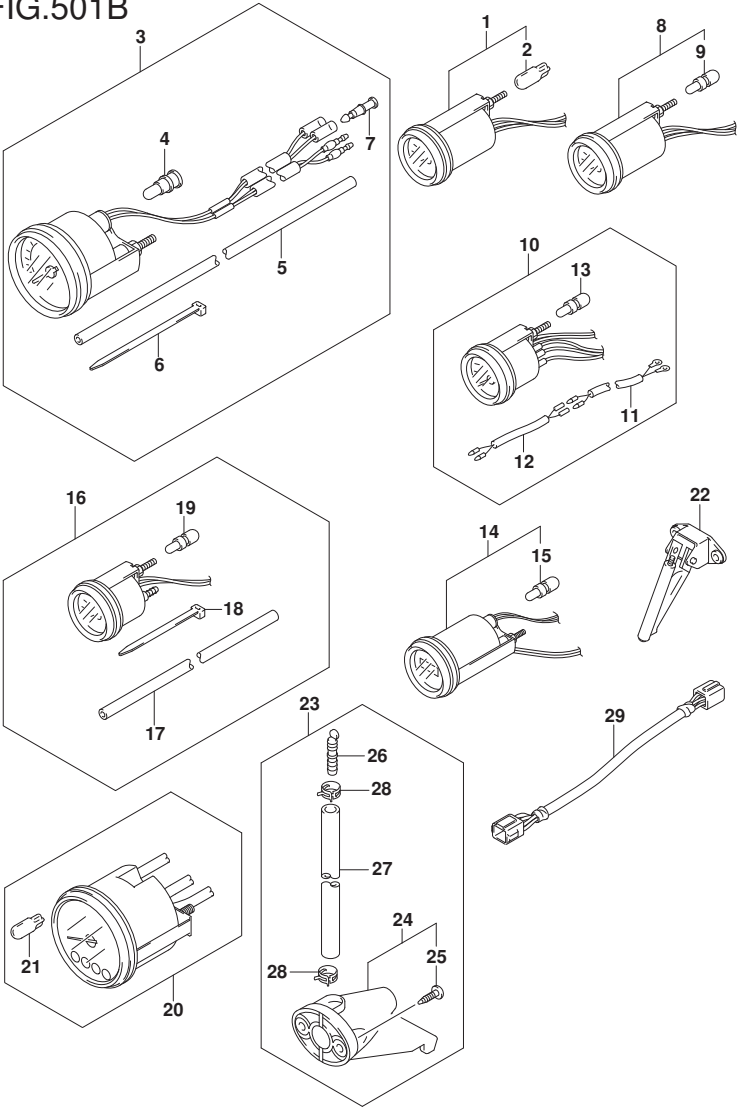


FIG.501B (1-J-6) OPT:METER (DF70ATH)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
17	34191-92E00	.TUBE	1	
18	09407-14407	.CLAMP (L:145)	2	
19	09471-12103	.BULB (12V3W,T6.5)	1	
20-1	34200-93J00	TACHOMETER ASSY, WITH MONITOR	1	BLACK
20-2	34200-93J12	TACHOMETER ASSY, WITH MONITOR	1	WHITE
21	09471-12077	.BULB (12V1.7W,T10,WB121)	1	
22	34190-87D00	SENDER ASSY, SPEEDOMETER	1	
23	34120-98J01	KIT, SPEEDOMETER SUB	1	
24	34190-95500	.SENDER ASSY, SPEEDOMETER	1	
25	03112-0630B	..SCREW	2	
26	55127-87D00	.UNION, SPEEDOMETER HOSE	1	
27	09355-40805-00B	.HOSE (4X8X2000)	1	L:2000->1700
28	09407-10404	.CLAMP (L:100)	2	
29	36682-92E00	WIRE, TRIM METER	1	

DF70ATH E01
DF70ATH E40
DF90ATH E01
DF90ATH E40

FIG.507A

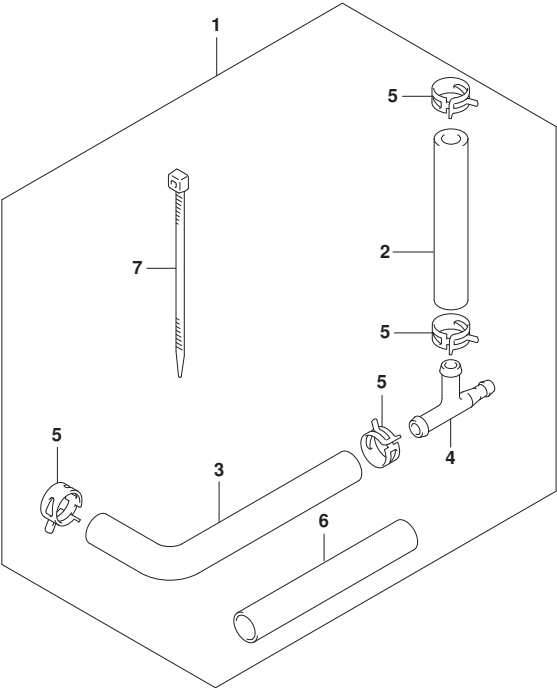


FIG.507A (1-J-7) OPT:WATER PRESSURE GAUGE SUB KIT

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	34660-90J02	WATER PRESSURE GAUGE SUB KIT	1	
2	09352-50903-600	.HOSE (5X9X600)	1	L:600->160
3	09352-50903-600	.HOSE (5X9X600)	1	L:600->210
4	09367-06006	.3 WAY	1	
5	09401-08413	.CLIP	4	
6	18498-99EA0	.PROTECTOR (L:80)	1	
7	09407-25402	.CLAMP (L:250)	1	

FIG.508A

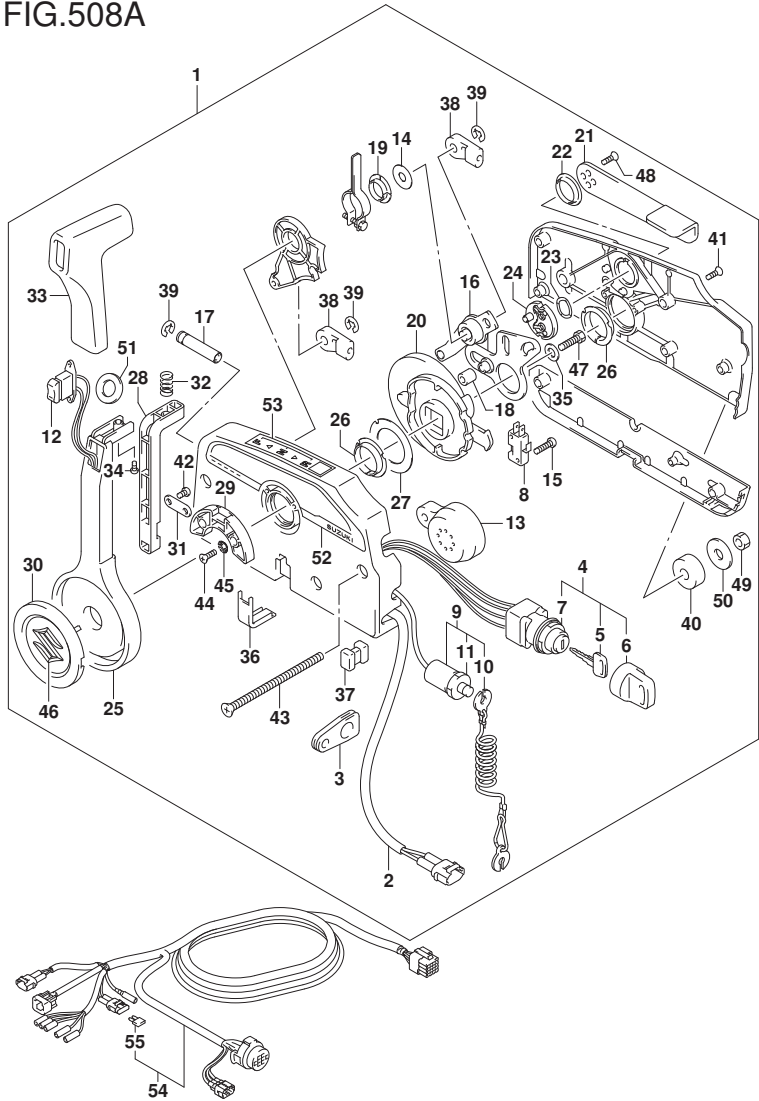


FIG.508A (1-J-8) OPT:REMOTE CONTROL (N/KEY LESS START)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	67200-93J51	REMOTE CONTROL ASSY	1	
2	36646-93J01	..WIRE ASSY, PTT SW ADAPTER	1	
3	36628-92E00	..GROMMET, WIRE HARNESS	1	
4	37110-93J11	..SWITCH ASSY, IGNITION	1	
5-1	37141-99E00	..KEY (931)	2	
5-2	37141-99E10	..KEY (932)	2	
5-3	37141-99E20	..KEY (933)	2	
5-4	37141-99E30	..KEY (934)	2	
5-5	37141-99E40	..KEY (935)	2	
5-6	37141-99E50	..KEY (936)	2	
5-7	37141-99E60	..KEY (937)	2	
5-8	37141-99E70	..KEY (938)	2	
5-9	37141-99E80	..KEY (939)	2	
5-10	37141-99E90	..KEY (940)	2	
5-11	37141-99EA0	..KEY (941)	2	
5-12	37141-99EB0	..KEY (942)	2	
6	37143-99E00	..CAP, KEY	2	
7	37149-93J00	..CAP CYLINDER BODY	1	
8	37721-93J91	..SWITCH, NEUTRAL	1	
9	37820-93J04	..SWITCH ASSY, EMERGENCY	1	
10	37823-92E01	..PLATE	1	
11	37826-92J00	..NUT	1	

FIG.508A

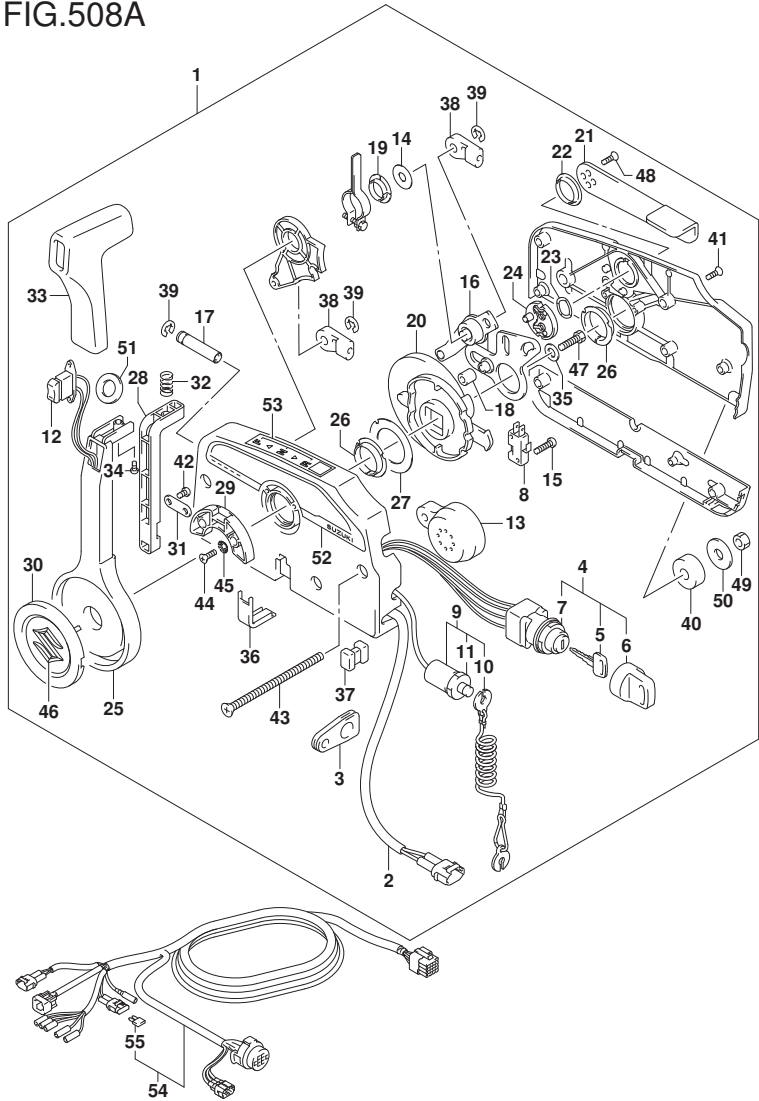


FIG.508A (1-J-9) OPT:REMOTE CONTROL (N/KEY LESS START)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
12	37850-90J06	.SWITCH ASSY, PTT	1	
13	38500-93J90	.BUZZER	1	
14	67212-95600	.WASHER	1	
15	67296-92E11	.SCREW, NEUTRAL SW	2	
16	67220-95630	.PLATE ASSY	1	
17	67223-99E10	.KNOB, BRAKE ADJ	1	
18	67229-95600	.ROLLER	1	
19	67232-95600	.BUSH	1	
20	67238-87D00	.GEAR, DRIVE	1	
21	67241-99E10	.LEVER, FREE THROTTLE	1	
22	67243-95600	.BUSH	1	
23	67244-95600	.WASHER, WAVE	1	
24	67245-95600	.DRUM, FREE THROTTLE	1	
25	67251-99E20	.LEVER, HANDLE	1	
26	67252-95600	.BUSH	2	
27	67253-95600	.WASHER	1	
28	67255-99E10	.ARM, LOCK	1	
29	67256-95600	.HOLDER, NEUT LOCK	1	
30	67257-99E10	.CAP, LEVER	1	
31	67258-99E00	.BRACKET, LOCK ARM	1	
32	67259-87D00	.SPRING, NEUTRAL ARM	1	
33	67261-99E10	.GRIP	1	
34	67296-94310	.SCREW	1	

FIG.508A

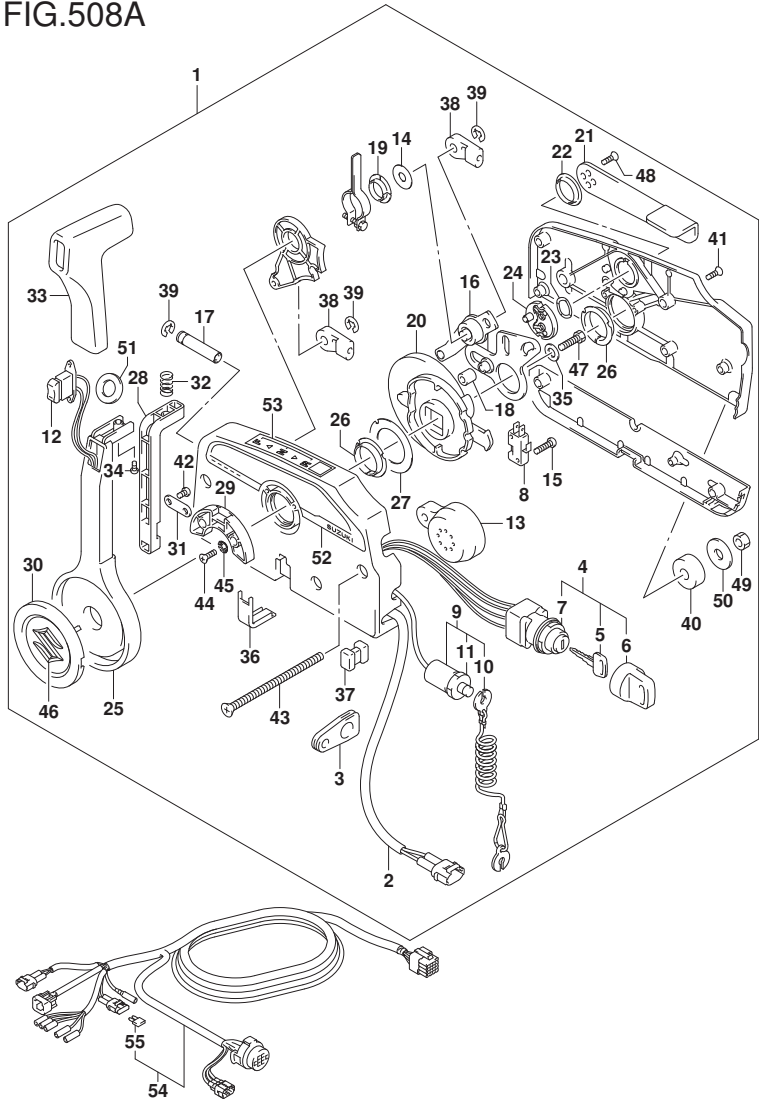


FIG.508A (1-J-10) OPT:REMOTE CONTROL (N/KEY LESS START)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
35	67264-95600	.WASHER	1	
36	67267-93J00	.COVER, WIRE	1	
37	67273-95600	.SPACER	1	
38	67275-95600	.END, CABLE	2	
39	67292-94300	.E RING	3	
40	67294-95600	.SPACER	3	
41	67296-90J10	.SCREW	5	
42	67296-94300	.SCREW	2	
43	67296-95600	.SCREW	3	
44	67296-95610	.SCREW	2	
45	67297-95600	.WASHER	2	
46	77811-54GB0-0PG	.EMBLEM, REAR MARK S (CHROME)	1	
47	09100-08232	.BOLT (8X30)	1	
48	09126-05003	.SCREW (5X12)	2	
49	09140-06020	.NUT	3	
50	09160-06104	.WASHER (6.5X24X2)	3	
51	37859-90J00	.SPACER	1	
52	67282-94L00	.DECAL, REMOCON SIDE	1	
53	67284-94L00	.MARK, HANDLE LEVER	1	
54-1	36620-93J02	WIRE ASSY, REMOTE CONTROL	1	L:5000
54-2	36620-93J52	WIRE ASSY, REMOTE CONTROL	1	L:3500
54-3	36620-93J62	WIRE ASSY, REMOTE CONTROL	1	L:6500
55	09481-10501	.FUSE (10A)	1	

- DF70A E01
- DF70A E40
- DF80A E01
- DF80A E40
- DF90A E01
- DF90A E40
- DF100B E01
- DF100B E40

FIG.508B

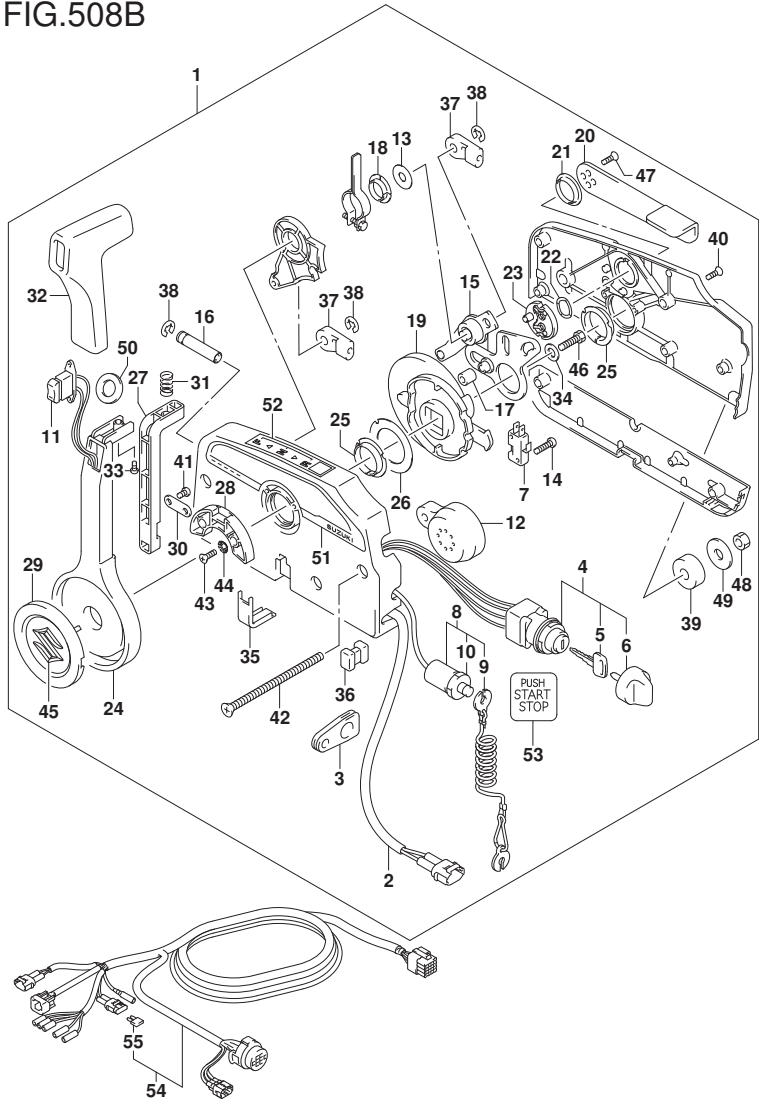


FIG.508B (1-J-11) OPT:REMOTE CONTROL (W/KEY LESS START)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	67200-96L01	REMOTE CONTROL ASSY	1	
2	36646-93J01	.WIRE ASSY, PTT SW ADAPTER	1	
3	36628-92E00	.GROMMET, WIRE HARNESS	1	
4	37110-96L10	.SWITCH ASSY, MAIN	1	
5-1	37141-99E00	..KEY (931)	2	
5-2	37141-99E10	..KEY (932)	2	
5-3	37141-99E20	..KEY (933)	2	
5-4	37141-99E30	..KEY (934)	2	
5-5	37141-99E40	..KEY (935)	2	
5-6	37141-99E50	..KEY (936)	2	
6	37143-96L00	..KNOB, MAIN SWITCH	1	
7	37721-93J91	.SWITCH, NEUTRAL	1	
8	37820-93J04	.SWITCH ASSY, EMERGENCY	1	
9	37823-92E01	..PLATE	1	
10	37826-92J00	..NUT	1	
11	37850-90J06	.SWITCH ASSY, PTT	1	
12	38500-93J90	.BUZZER	1	
13	67212-95600	.WASHER	1	
14	67296-92E11	.SCREW, NEUTRAL SW	2	
15	67220-95630	.PLATE ASSY	1	
16	67223-99E10	.KNOB, BRAKE ADJ	1	
17	67229-95600	.ROLLER	1	
18	67232-95600	.BUSH	1	
19	67238-87D00	.GEAR, DRIVE	1	
20	67241-99E10	.LEVER, FREE THROTTLE	1	
21	67243-95600	.BUSH	1	
22	67244-95600	.WASHER, WAVE	1	

FIG.508B

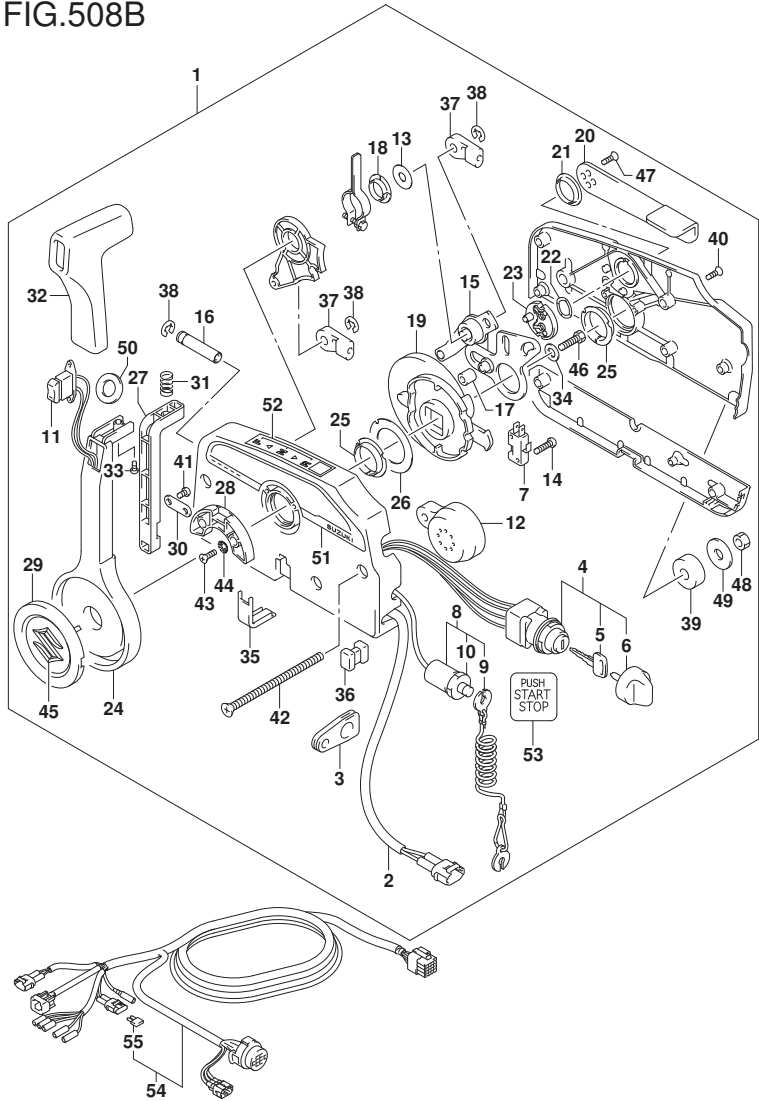


FIG.508B (1-J-12) OPT:REMOTE CONTROL (W/KEY LESS START)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
23	67245-95600	.DRUM, FREE THROTTLE	1	
24	67251-99E20	.LEVER, HANDLE	1	
25	67252-95600	.BUSH	2	
26	67253-95600	.WASHER	1	
27	67255-99E10	.ARM, LOCK	1	
28	67256-95600	.HOLDER, NEUT LOCK	1	
29	67257-99E10	.CAP, LEVER	1	
30	67258-99E00	.BRACKET, LOCK ARM	1	
31	67259-87D00	.SPRING, NEUTRAL ARM	1	
32	67261-99E10	.GRIP	1	
33	67296-94310	.SCREW	1	
34	67264-95600	.WASHER	1	
35	67267-93J00	.COVER, WIRE	1	
36	67273-95600	.SPACER	1	
37	67275-95600	.END, CABLE	2	
38	67292-94300	.E RING	3	
39	67294-95600	.SPACER	3	
40	67296-90J10	.SCREW	5	
41	67296-94300	.SCREW	2	
42	67296-95600	.SCREW	3	
43	67296-95610	.SCREW	2	
44	67297-95600	.WASHER	2	
45	77811-54GB0-0PG	.EMBLEM, REAR MARK S (CHROME)	1	
46	09100-08232	.BOLT (8X30)	1	
47	09126-05003	.SCREW (5X12)	2	
48	09140-06020	.NUT	3	
49	09160-06104	.WASHER (6.5X24X2)	3	

FIG.508B

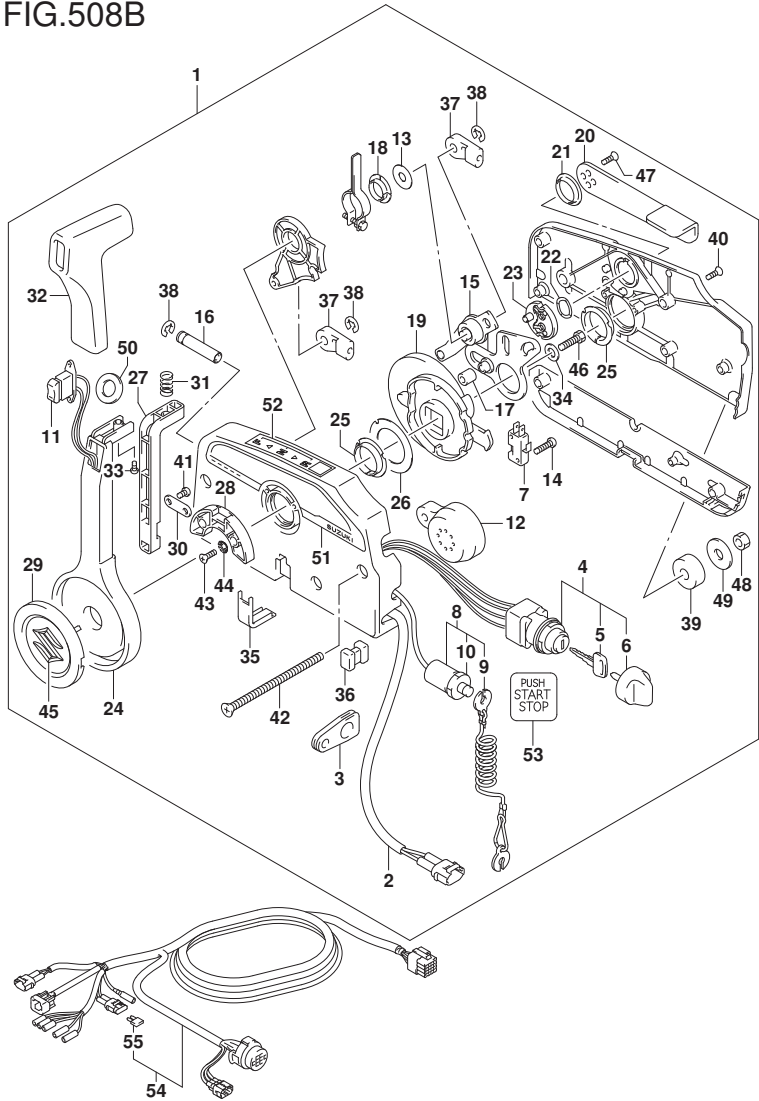


FIG.508B (1-J-13) OPT:REMOTE CONTROL (W/KEY LESS START)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
50	37859-90J00	.SPACER	1	
51	67282-94L00	.DECAL, REMOCON SIDE	1	
52	67284-94L00	.MARK, HANDLE LEVER	1	
53	67285-96L00	.MARK, KLS MAIN SW	1	
54-1	36620-93J02	WIRE ASSY, REMOTE CONTROL	1	L:5000
54-2	36620-93J52	WIRE ASSY, REMOTE CONTROL	1	L:3500
54-3	36620-93J62	WIRE ASSY, REMOTE CONTROL	1	L:6500
55	09481-10501	.FUSE (10A)	1	

DF70A E01
DF80A E01
DF90A E01
DF100B E01

FIG.517A

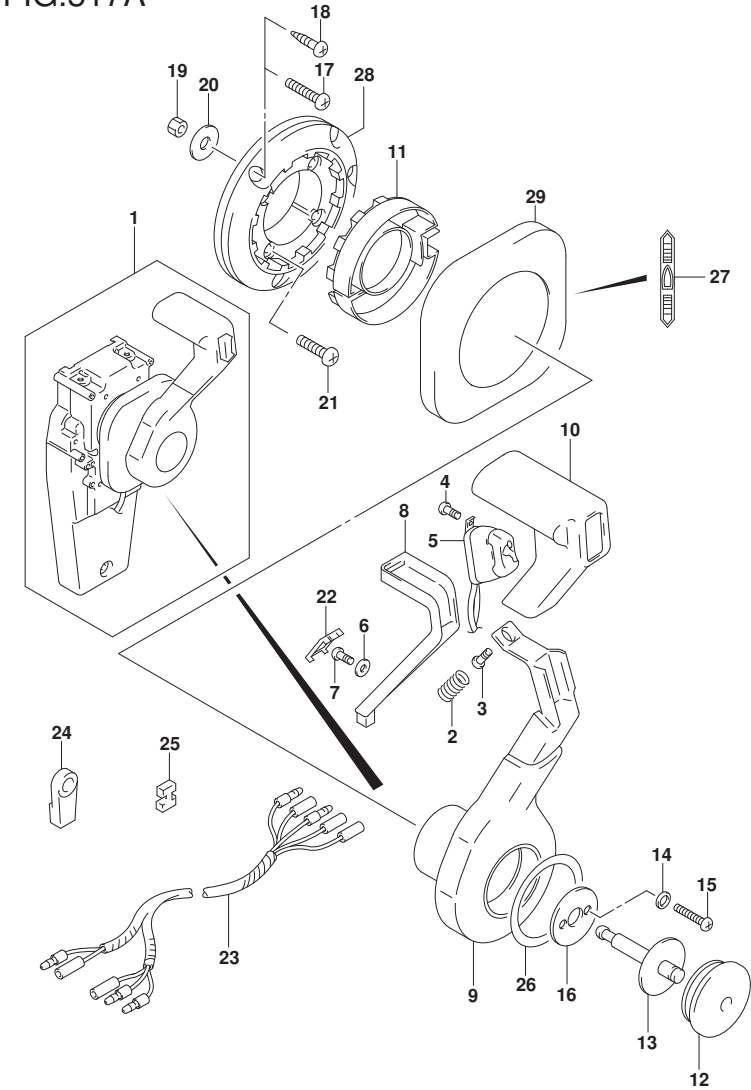


FIG.517A (1-J-14) OPT:CONCEALED REMOCON (1) (DF70A)(DF80A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	67200-93J33	REMOTE CONTROL ASSY	1	
2	67298-92E50	.SPRING	1	
3	67296-94310	.SCREW	1	
4	67295-92E10	.SCREW (3X12)	2	
5	37850-92E27	.SWITCH ASSY, PTT	1	
6	67288-92E60	.WASHER	1	
7	09125-04021	.SCREW (4X20)	1	
8	67255-92E50	.ARM, NEUTRAL LOCK	1	
9	67251-92E50	.LEVER	1	
10	67261-92E50	.GRIP	1	
11	67256-92E50	.HOLDER, NEUTRAL LOCK	1	
12	67257-92E00	.CAP, LEVER	1	
13	67242-92E50	.SHAFT, FREE ACC	1	
14	67288-92E20	.WASHER	6	
15	67296-88D10	.SCREW (5X16)	4	
16	67288-92E70	.WASHER	1	
17	67296-88D20	.SCREW (6X35)	3	
18	67295-92E50	.SCREW (6X30)	3	
19	67287-92E50	.NUT	3	
20	09160-06104	.WASHER (6.5X24X2)	3	
21	67296-88D30	.SCREW (5X30)	4	
22	67254-92E50	.COVER, LOCK ARM	1	
23	36890-93J00	.WIRING ASSY	1	

FIG.517A

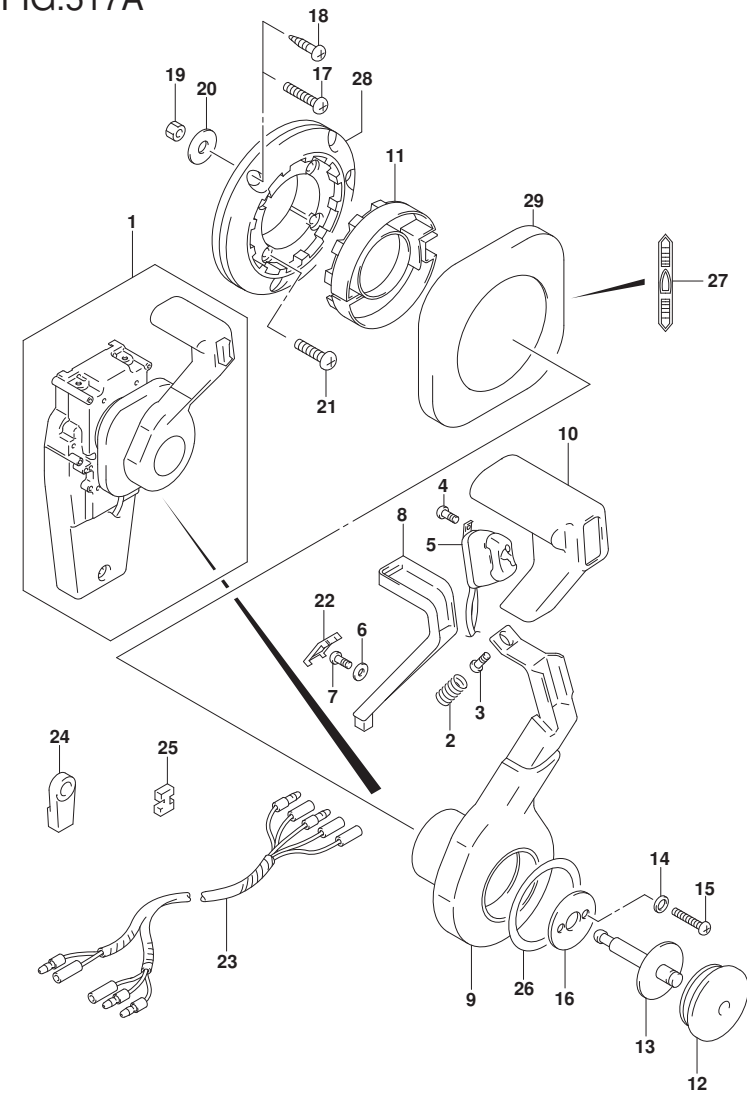
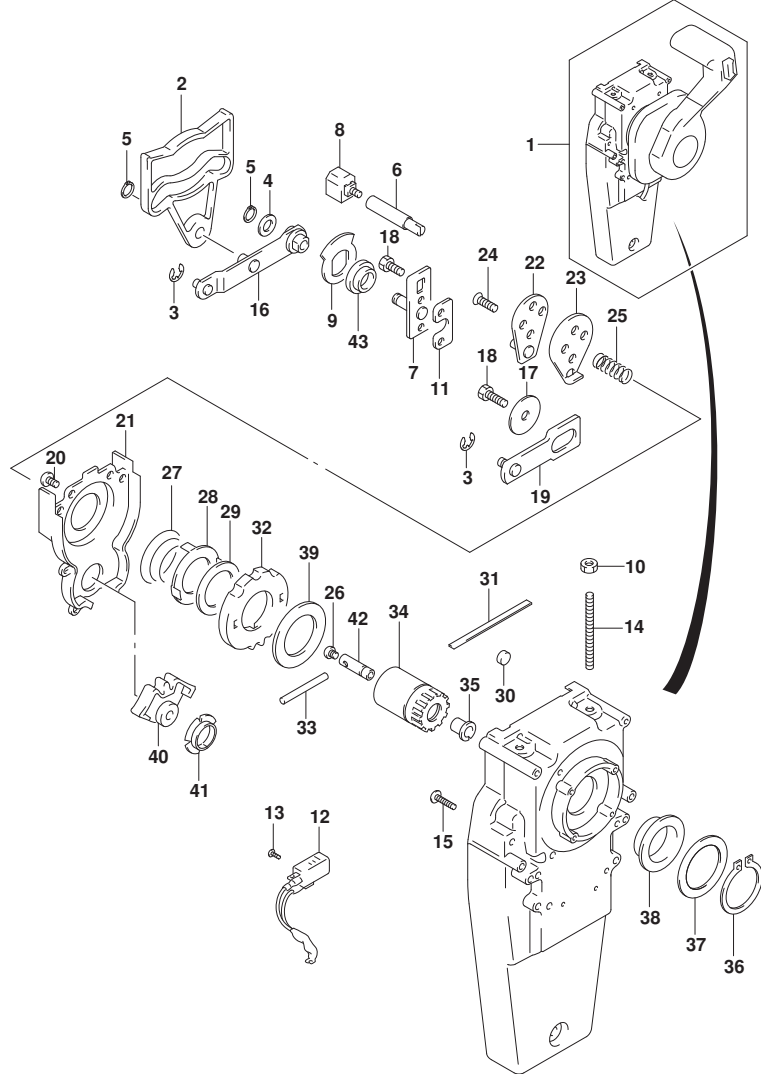


FIG.517A (1-J-15) OPT:CONCEALED REMOCON (1) (DF70A)(DF80A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
24	67275-95600	.ENG CABLE	2	
25	67273-95600	.SPACER	1	
26	67283-92E50	.DECAL, LEVER	1	
27	67284-92E50	.DECAL, CLUTCH	1	
28	67274-92E50	.BASE	1	
29	67211-92E50	.COVER	1	

- DF70A E01
- DF70A E40
- DF80A E01
- DF80A E40
- DF90A E01
- DF90A E40
- DF100B E01
- DF100B E40

FIG.518A



DF90A_E01_018_518A
OPT:CONCEALED REMOCON (2)

FIG.518A (1-K-2) OPT:CONCEALED REMOCON (2) (DF70A)(DF80A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	67200-93J33	REMOTE CONTROL ASSY	1	
2	67222-92E50	.DUEL PLATE	1	
3	67292-94300	.E RING	3	
4	67288-92E10	.WASHER	1	
5	67291-92E00	.SNAP RING	2	
6	67223-92E50	.BRAKE ADJUST	1	
7	67221-92E50	.HOLDER ASSY	1	
8	67224-92E50	.BRAKE SHOE ASSY	1	
9	67225-92E50	.DISK, BRAKE	1	
10	09140-06020	.NUT	2	
11	67294-92E00	.SPACER	1	
12	37721-95500	.SWITCH ASSY, NEUTRAL	1	
13	67296-92E11	.SCREW (3X15)	2	
14	67226-92E10	.BOLT, STOPPER (REAR)	2	
15	67296-92E20	.SCREW (5X25)	2	
16	67240-92E50	.ARM ASSY, THROTTLE	1	
17	67228-92E00	.WASHER	1	
18	67286-92E00	.BOLT (6X18)	3	
19	67230-92E00	.ARM ASSY, SHIFT	1	
20	09125-05042	.SCREW (5X10)	11	
21	67234-92E00	.GEAR CASE	1	
22	67245-92E00	.LEVER ASSY, THROTTLE	1	
23	67227-92E00	.STOPPER	1	

DF90A_E01_018

FIG.518A

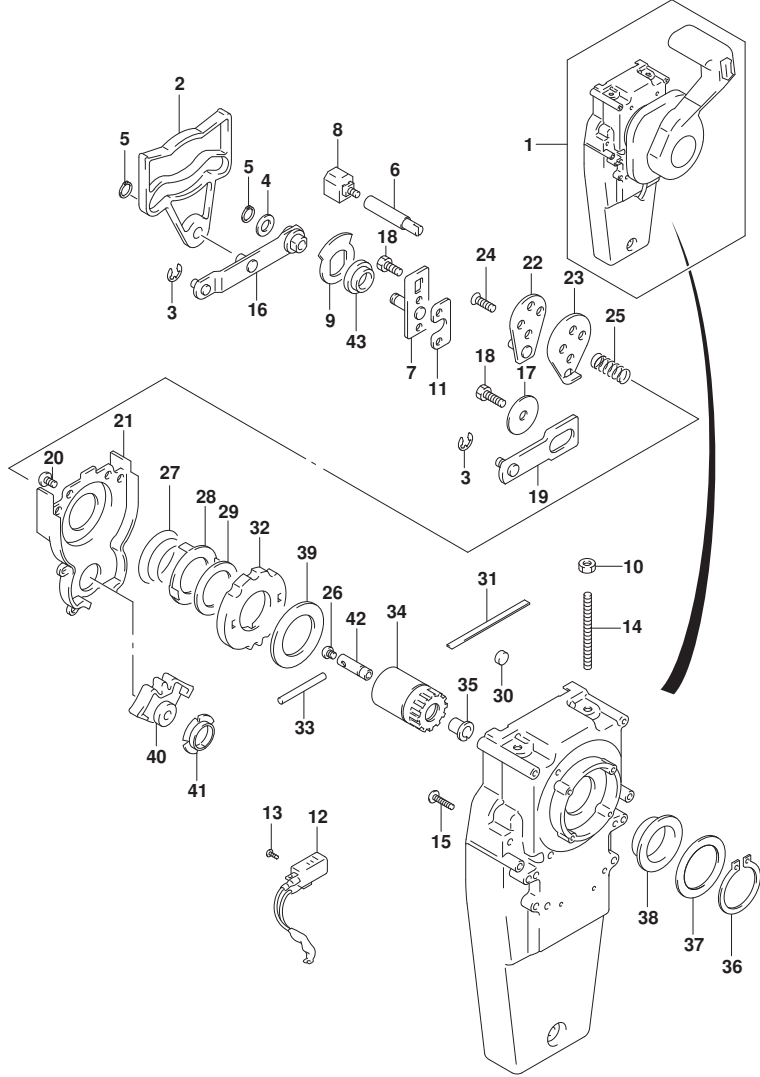


FIG.518A (1-K-3) OPT:CONCEALED REMOCON (2) (DF70A)(DF80A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
24	67296-88D10	.SCREW (5X16)	2	
25	67225-92E00	.SPRING	1	
26	09125-04004	.SCREW (4X6)	1	
27	67233-92E00	.SPRING	1	
28	67235-92E00	.PLATE, SHIFT LOCK	1	
29	67239-92E10	.PLATE, SHIFT PIN	1	
30	67236-92E00	.ROLLER	1	
31	67237-92E01	.SPRING	5	
32	67238-92E50	.GEAR, DRIVE	1	
33	67239-92E00	.PIN	1	
34	67246-92E50	.SHAFT, DRIVE	1	
35	67252-92E00	.BUSH	1	
36	67291-92E10	.SNAP RING	1	
37	67253-92E10	.WASHER	1	
38	67252-92E10	.BUSH	1	
39	67253-95600	.WASHER	1	
40	67231-92E00	.GEAR, SHIFT	1	
41	67232-95600	.BUSH	1	
42	67241-92E50	.ROD, FREE ACC	1	
43	67232-92E50	.BUSH	1	

DF70A E01
DF70A E40
DF80A E01
DF80A E40
DF90A E01
DF90A E40
DF100B E01
DF100B E40

FIG.519A

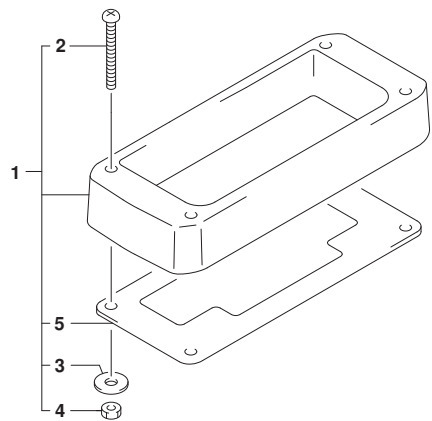


FIG.519A (1-K-4) OPT:REMOTE CONTROL SPACER

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	67500-88L00	KIT,R/CON SPACER SINGLE	1	
2	09125-05135	.SCREW(5X65)	4	
3	09160-05029	.WASHER(5.5X12X0.8)	4	
4	09140-05005	.NUT	4	
5	67273-88L00	.GROMMET,R/CON SINGLE	1	

FIG.521A

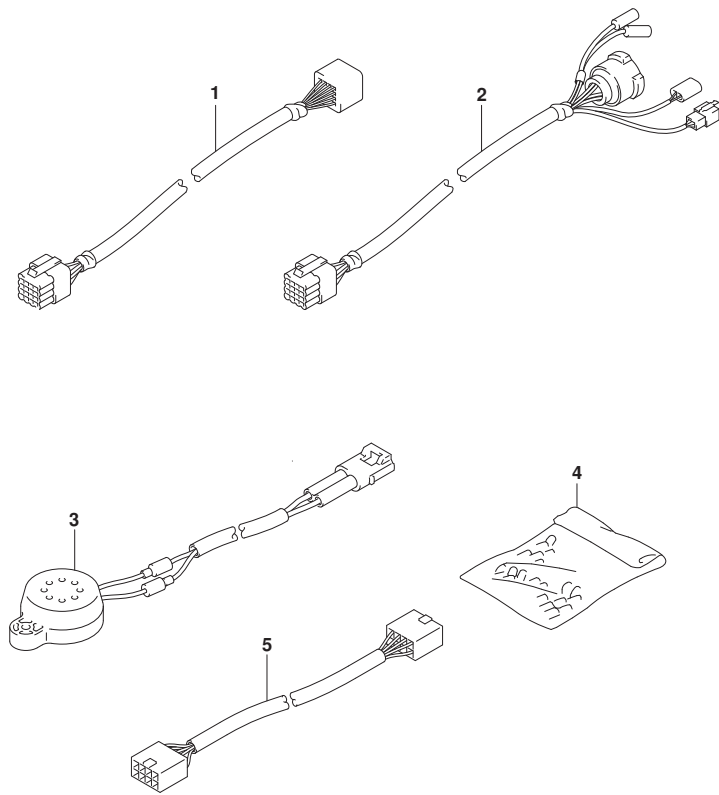


FIG.521A (1-K-5) OPT:HARNESS (DF70A)(DF80A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY		REMARKS
1-1	36620-93J10	WIRE ASSY, REMOCON EXTENSION	1	L:2000	
1-2	36620-93J40	WIRE ASSY, REMOCON EXTENSION	1	L:3000	
2	36620-93J30	WIRE ASSY, REMOCON ADAPTER	1	L:2000	
3	38500-93J00	BUZZER ASSY, WARNING	1		
4	36990-87D00	TERMINAL & SLEEVE SET	1		
5	36667-96L20	WIRE, GAUGE EXT	1		

DF70A E01
DF70A E40
DF80A E01
DF80A E40
DF90A E01
DF90A E40
DF100B E01
DF100B E40

FIG.521B

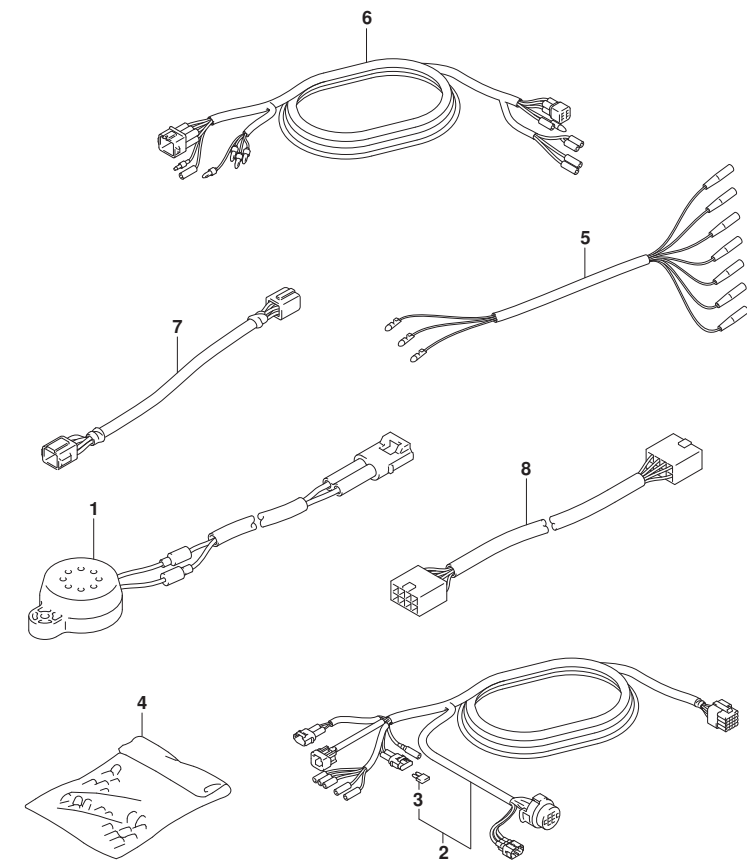
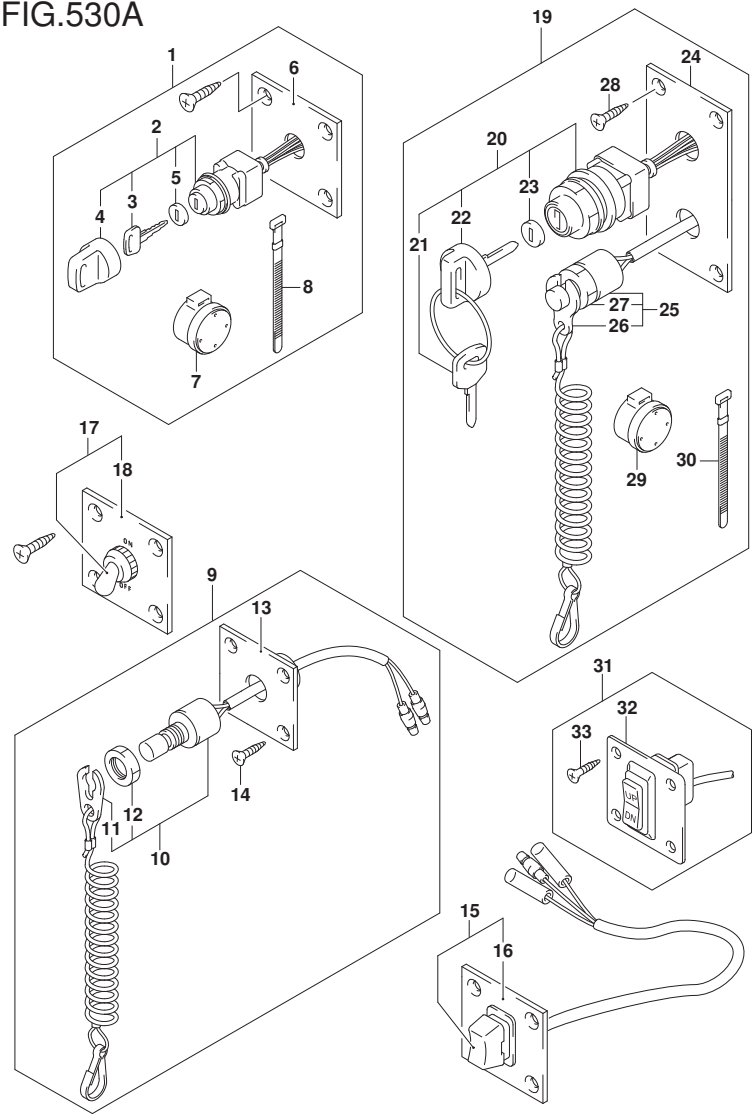


FIG.521B (1-K-6) OPT:HARNESS (DF70ATH)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	38500-93J00	BUZZER ASSY, WARNING	1	
2-1	36620-93J02	WIRE ASSY, REMOTE CONTROL	1	L:5000
2-2	36620-93J52	WIRE ASSY, REMOTE CONTROL	1	L:3500
2-3	36620-93J62	WIRE ASSY, REMOTE CONTROL	1	L:6500
3	09481-10501	.FUSE (10A)	1	
4	36990-87D00	TERMINAL & SLEEVE SET	1	
5	36630-92E00	WIRE ASSY, INSTRUMENT	1	
6	36660-94480	WIRE, MONITOR GAUGE EXTENSION	1	
7	36682-92E00	WIRE, MONITOR GAUGE EXTENSION	1	
8	36667-96L20	WIRE, GAUGE EXT	1	

DF70ATH E01
DF70ATH E40
DF90ATH E01
DF90ATH E40

FIG.530A

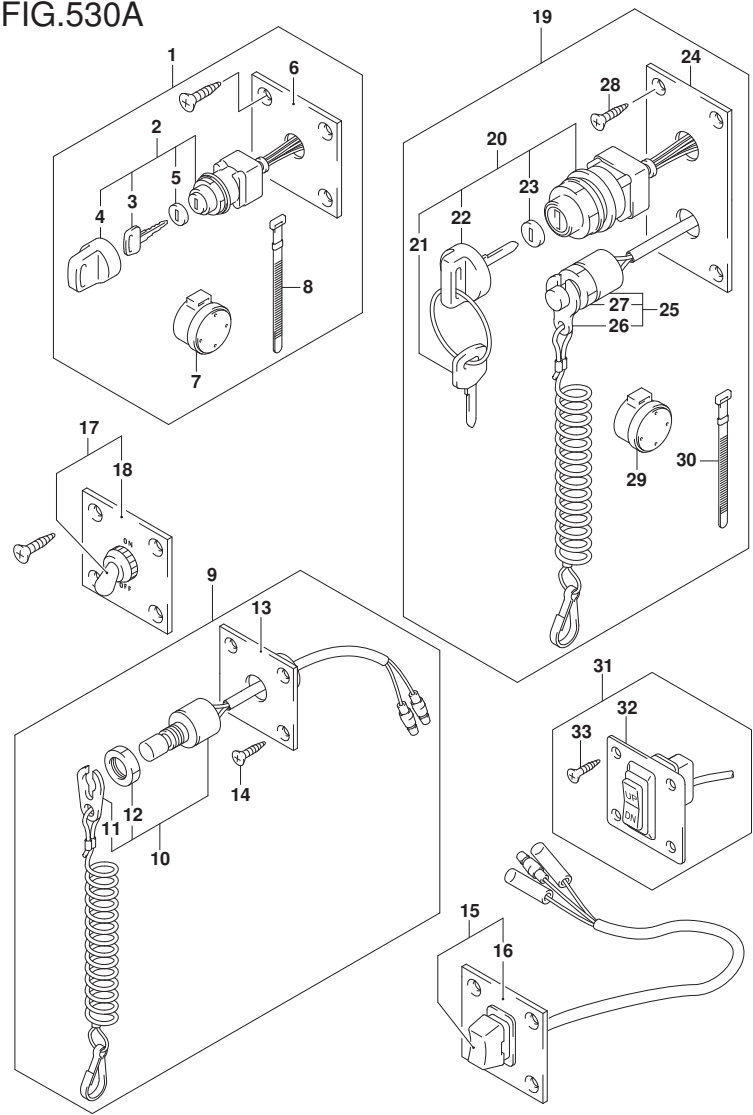


DF90A_E01_018_530A
OPT:SWITCH

FIG.530A (1-K-7) OPT:SWITCH (DF70A)(DF80A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	37100-96J00	PANEL ASSY, IGNITION SW	1	
2	37110-93J01	..SWITCH ASSY, IGNITION	1	
3-1	37141-99E00	..KEY (931)	2	
3-2	37141-99E10	..KEY (932)	2	
3-3	37141-99E20	..KEY (933)	2	
3-4	37141-99E30	..KEY (934)	2	
3-5	37141-99E40	..KEY (935)	2	
3-6	37141-99E50	..KEY (936)	2	
3-7	37141-99E60	..KEY (937)	2	
3-8	37141-99E70	..KEY (938)	2	
3-9	37141-99E80	..KEY (939)	2	
3-10	37141-99E90	..KEY (940)	2	
3-11	37141-99EA0	..KEY (941)	2	
3-12	37141-99EB0	..KEY (942)	2	
4	37143-99E00	..CAP, KEY	1	
5	37149-93J00	..CAP, CYLINDER BODY	1	
6	37139-99E00	..PANEL, IGNITION SW	1	
7	38500-93J90	..BUZZER ASSY, WARNING	1	
8	09407-08401	..CLAMP (L:80)	1	
9	37803-93J05	PANEL ASSY, EMERGENCY SW	1	
10	37820-93J10	..SWITCH ASSY, EMERGENCY	1	
11	37823-92E01	..PLATE, LOCK	1	
12	37826-92J10	..NUT	1	

FIG.530A



DF90A_E01_018_530A
OPT:SWITCH

FIG.530A (1-K-8) OPT:SWITCH (DF70A)(DF80A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
13	37825-99E10	.PANEL, EMERGENCY SW	1	
14	03122-05165	.SCREW	4	
15	37805-93J00	PANEL ASSY, PTT SW	1	
16	37855-99E00	.PANEL, PTT SW	1	
17	37210-93J00	PANEL ASSY, LIGHTING SW	1	
18	37212-93J00	.PANEL, LIGHTING SW	1	
19	37100-96J25	PANEL ASSY, ENGINE SW	1	
20	37110-93J01	.SWITCH ASSY, IGNITION	1	
21-1	37141-99E00	..KEY (931)	2	
21-2	37141-99E10	..KEY (932)	2	
21-3	37141-99E20	..KEY (933)	2	
21-4	37141-99E30	..KEY (934)	2	
21-5	37141-99E40	..KEY (935)	2	
21-6	37141-99E50	..KEY (936)	2	
21-7	37141-99E60	..KEY (937)	2	
21-8	37141-99E70	..KEY (938)	2	
21-9	37141-99E80	..KEY (939)	2	
21-10	37141-99E90	..KEY (940)	2	
21-11	37141-99EA0	..KEY (941)	2	
21-12	37141-99EB0	..KEY (942)	2	
22	37143-99E00	..CAP, KEY	1	
23	37149-93J00	..CAP, CYLINDER BODY	1	

FIG.530A

This exploded view diagram illustrates the assembly of the front panel for the FIG.530A device. The components are numbered 1 through 33:

- 1**: Screws for mounting the top plate.
- 2**: Top plate.
- 3**: Lock pin.
- 4**: Lock button.
- 5**: Lock pin.
- 6**: Mounting bracket.
- 7**: Lock cylinder.
- 8**: Lock pin.
- 9**: Mounting bracket.
- 10**: Lock cylinder.
- 11**: Lock pin.
- 12**: Lock pin.
- 13**: Mounting bracket.
- 14**: Lock pin.
- 15**: Mounting bracket.
- 16**: Lock pin.
- 17**: Mounting bracket.
- 18**: Lock pin.
- 19**: Mounting bracket.
- 20**: Lock pin.
- 21**: Lock pin.
- 22**: Lock pin.
- 23**: Lock pin.
- 24**: Mounting bracket.
- 25**: Lock pin.
- 26**: Lock pin.
- 27**: Lock pin.
- 28**: Lock pin.
- 29**: Lock pin.
- 30**: Lock pin.
- 31**: Mounting bracket.
- 32**: Lock pin.
- 33**: Lock pin.

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
24	37139-99E40	.PANEL, IGNITION SWITCH	1	
25	37820-93J10	.SWITCH ASSY, EMERGENCY	1	
26	37823-92E01	..PLATE ASSY, EMERGENCY	1	
27	37826-92J10	..NUT	1	
28	03121-0516A	.SCREW	4	
29	38500-93J90	.BUZZER ASSY, WARNING	1	
30	09407-08401	.CLAMP (L:80)	1	
31	37860-87L00	PANEL ASSY, TROLLING CONTROL	1	
32	37862-87L00	.PANEL	1	
33	09131-05004	.SCREW (5X16)	4	

DF90A_E01_018_530A
OPT:SWITCH

FIG.535A

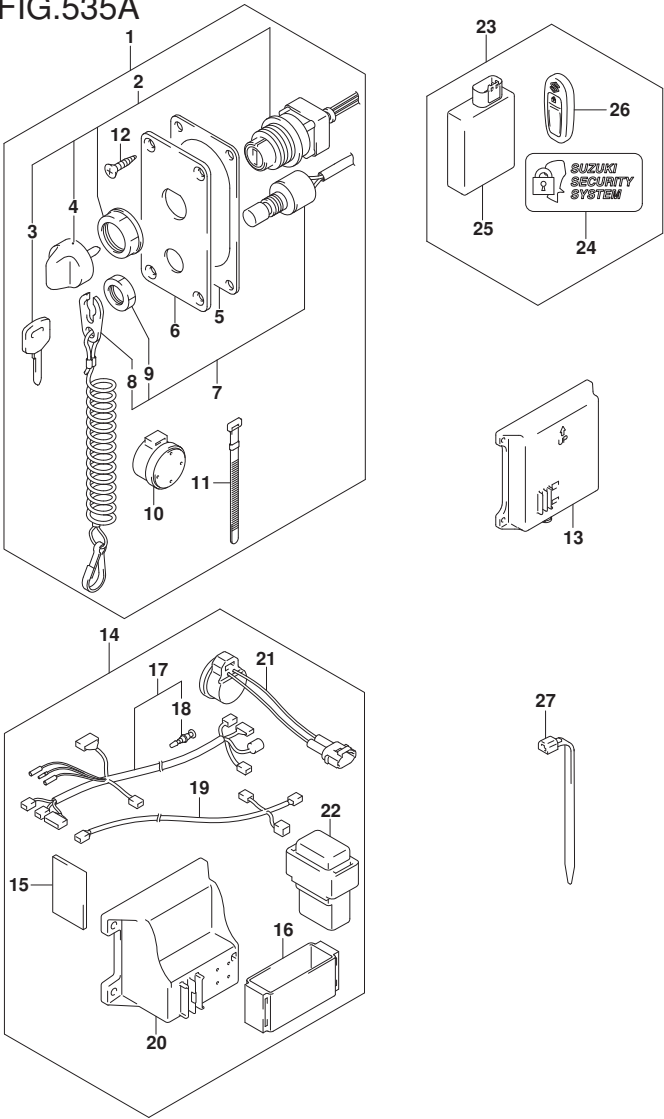


FIG.535A (1-K-10) OPT:KEY LESS START (DF70A E01)(DF80A E01)(DF90A E01)(DF90A E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	37100-96L11	PANEL ASSY, MAIN SWITCH KLS	1	
2	37110-96L10	.SWITCH ASSY, MAIN	1	
3-1	37141-99E00	..KEY (931)	1	
3-2	37141-99E10	..KEY (932)	1	
3-3	37141-99E20	..KEY (933)	1	
3-4	37141-99E30	..KEY (934)	1	
3-5	37141-99E40	..KEY (935)	1	
3-6	37141-99E50	..KEY (936)	1	
4	37143-96L00	..KNOB, MAIN SWITCH	1	
5	37114-96L10	.SHEET, MAIN SWITCH PANEL	1	
6	37139-96L40	.PANEL, MAIN SWITCH	1	
7	37820-93J10	.SWITCH ASSY, EMERGENCY	1	
8	37823-92E01	..PLATE ASSY, EMERGENCY SW LOCK	1	
9	37826-92J10	..NUT	1	
10	38500-93J90	..BUZZER, WARNING	1	
11	09407-08401	..CLAMP (L:80)	1	
12	03122-05165	..SCREW	4	
13	37173-96L00	HOLDER, KLS PARTS	1	LARGE TYPE
14	37105-96L11	HARNESS SET, KLS CONTROLLER	1	
15	32851-93J00	..CUSHION, LEAD WIRE	1	
16	32980-38F00	..HOLDER, KLS CONT	1	
17	36623-96L10	..HARNESS ASSY, KLS CONT	1	
18	36615-96300	..TERMINAL, RESIN	1	

FIG.535A

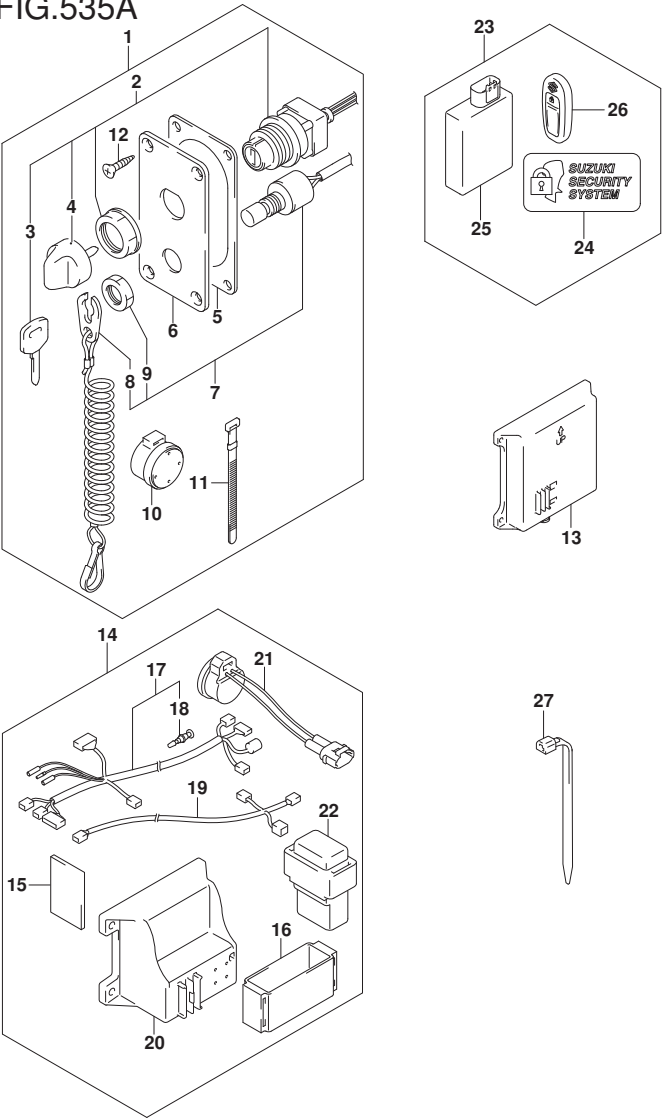
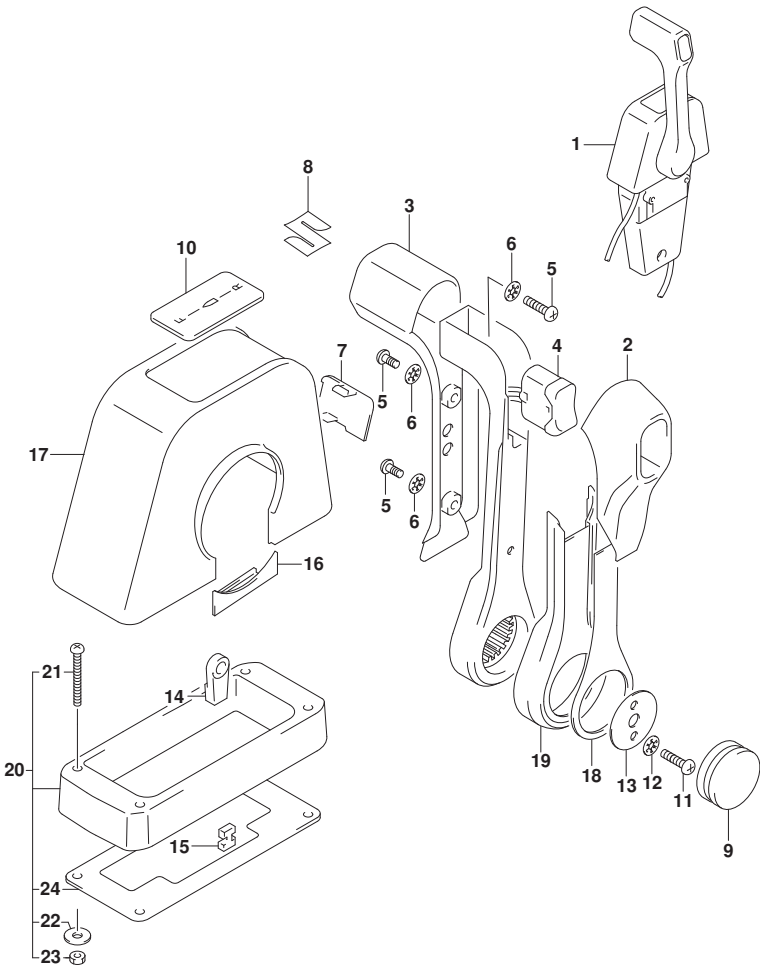


FIG.535A (1-K-11) OPT:KEY LESS START (DF70A E01)(DF80A E01)(DF90A E01)(DF90A E01)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
19	36662-96L10	.HARNESS ASSY, KLS CAN	1	L:6500+2000
20	37173-96L10	.HOLDER, KLS PARTS	1	SMALL TYPE
21	38500-93J90	.BUZZER ASSY, KLS	1	
22	38860-96L01	.RELAY ASSY, KLS	1	
23	37170-96L04	CONTROLLER SET, KLS 433MHZ	1	
24	37117-96L00	.DECAL, KLS	2	
25	37171-96L02	.CONTROLLER ASSY, KLS 433MHZ	1	
26	37172-96L01	.REMOCON ASSY, KLS 433MHZ	2	
27	09407-14407	CLAMP (L:145)	1	

DF70A E01
DF80A E01
DF90A E01
DF100B E01

FIG.544A



REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	67200-88L00	REMOTE CONTROL ASSY, SINGLE	1	
2	67261-88L10	.GRIP, REMOCON NO.2	1	
3	67261-88L00	.GRIP, REMOCON NO.1	1	
4	37850-88L00	.SWITCH ASSY, PTT	1	
5	67296-88L00	.SCREW	3	
6	67288-92E20	.WASHER	3	
7	67212-88L00	.COVER, PLUG (SINGLE)	1	
8	68111-88L00	.EMBLEM, MARK (S)	1	
9	67257-88L00	.CAP, LEVER	1	
10	67281-88L00	.DECAL (SINGLE)	1	
11	67296-92E60	.SCREW	2	
12	67288-92E60	.WASHER	2	
13	67253-92E00	.WASHER	1	
14	67275-95600	.END, CABLE	2	
15	67273-95600	.SPACER	1	
16	67271-88L10	.COVER, REMOCON LEVER LOWER	1	
17	67211-88L00	.COVER (SINGLE)	1	
18	67264-88L00	.COVER, LEVER DESIGN	1	
19	67264-88L10	.COVER, LEVER PLATING	1	
20	67500-88L00	KIT, REMOCON SPACER SINGLE	1	
21	09125-05135	.SCREW (5X65)	4	
22	09160-05029	.WASHER (5.5X12X0.8)	4	
23	09140-05005	.NUT	4	
24	67273-88L00	.GROMMET, R/CON SINGLE	1	

DF70A E01
DF70A E40
DF80A E01
DF80A E40
DF90A E01
DF90A E40
DF100B E01
DF100B E40

FIG.545A

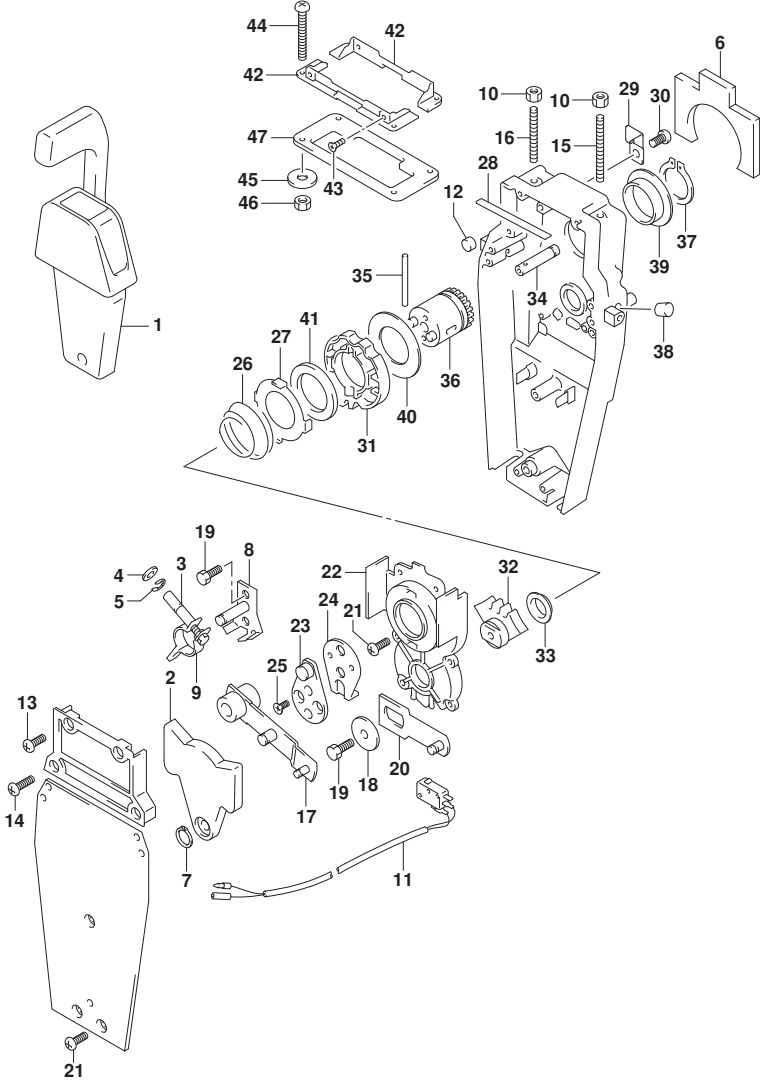


FIG.545A (1-K-13) OPT:REMOTE CONTROL ASSY SINGLE (2) (DF70A)(DF80A)(DF90A)(D

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	67200-88L00	REMOTE CONTROL ASSY	1	
2	67222-92E00	.DUAL PLATE	1	
3	67223-92E00	.BRAKE ADJUST	1	
4	67288-92E00	.WASHER	1	
5	67292-94300	.E RING	4	
6	67272-88L00	.GOM SEAL, WATERPROOF	1	
7	67291-92E00	.SNAP RING	1	
8	67221-92E00	.SHIFT ASSY	1	
9	67224-92E00	.BRAKE ARM ASSY	1	
10	09140-06020	.NUT	2	
11	37721-88L00	.SWITCH ASSY, NEUTRAL	1	
12	67236-92E00	.ROLLER	1	
13	67296-88D10	.SCREW (5X16)	2	
14	67296-92E20	.SCREW	2	
15	67226-92E00	.BOLT, STOPPER FRONT	1	
16	67226-92E10	.BOLT, STOPPER REAR	1	
17	67240-92E00	.ARM ASSY, THROTTLE	1	
18	67228-92E00	.WASHER	1	
19	67286-92E00	.BOLT	3	
20	67230-88L00	.ARM ASSY, SHIFT	1	
21	09125-05042	.SCREW (5X10)	10	
22	67234-88L00	.CASE, GEAR	1	
23	67245-92E00	.LEVER ASSY, THROTTLE	1	

FIG.545A

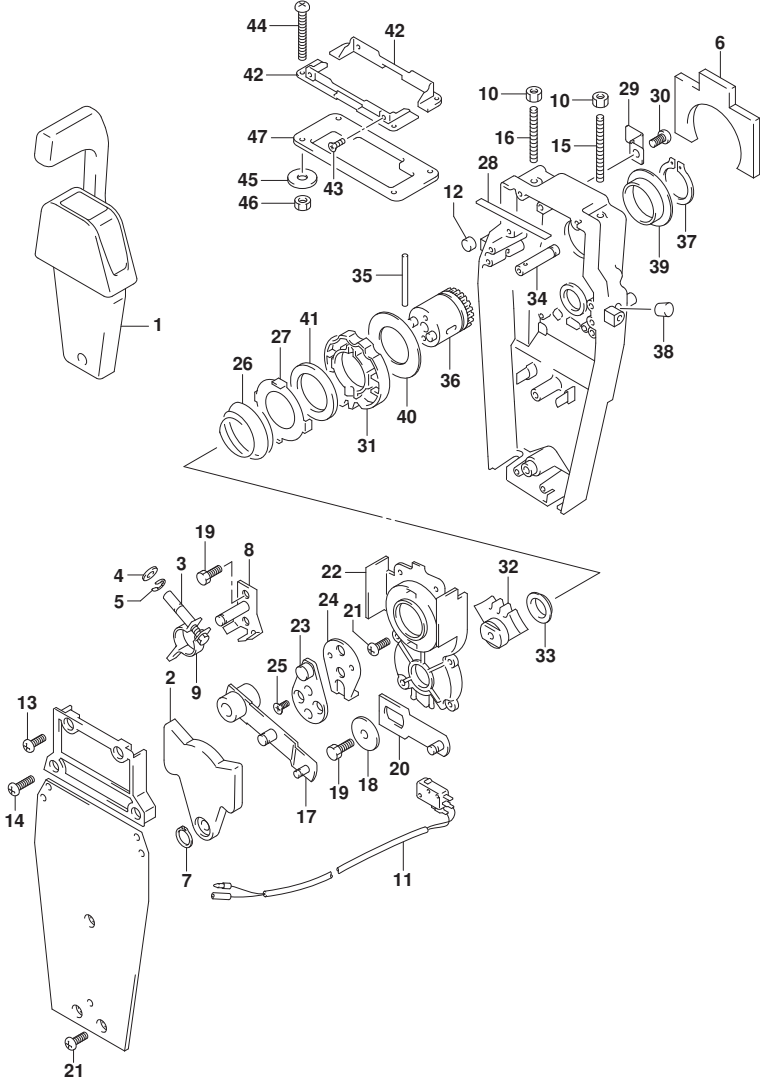


FIG.545A (1-K-14) OPT:REMOTE CONTROL ASSY SINGLE (2) (DF70A)(DF80A)(DF90A)(D

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
24	67227-92E00	.STOPPER	1	
25	09126-06006	.SCREW (6X20)	2	
26	67233-92E00	.SPRING	1	
27	67235-92E00	.PLATE, SHIFT LOCK	1	
28	67237-92E01	.SPRING	5	
29	67269-92E00	.BRACKET	1	
30	67296-88D10	.SCREW	1	
31	67238-88L00	.GEAR, DRIVE	1	
32	67231-88L00	.GEAR, SHIFT	1	
33	67232-88L00	.BUSH, SHIFT GEAR	1	
34	67241-88L00	.ROD, FREE ACCEL	1	
35	67239-92E00	.PIN	1	
36	67246-88L00	.SHIFT, REMOCON DRIVE	1	
37	67291-92E10	.SNAP RING	1	
38	67243-92E00	.CAP, HOLE	1	
39	67252-88L00	.BUSH, REMOCON DRIVE SHAFT	1	
40	67253-88L00	.WASHER, REMOCON DRIVE SHAFT	1	
41	67239-92E10	.PLATE, SHIFT PIN	1	
42	67274-88L00	.FLANGE, COVER BASE (SINGLE)	2	
43	67296-95610	.SCREW	4	
44	67296-92E30	.SCREW	4	

FIG.545A

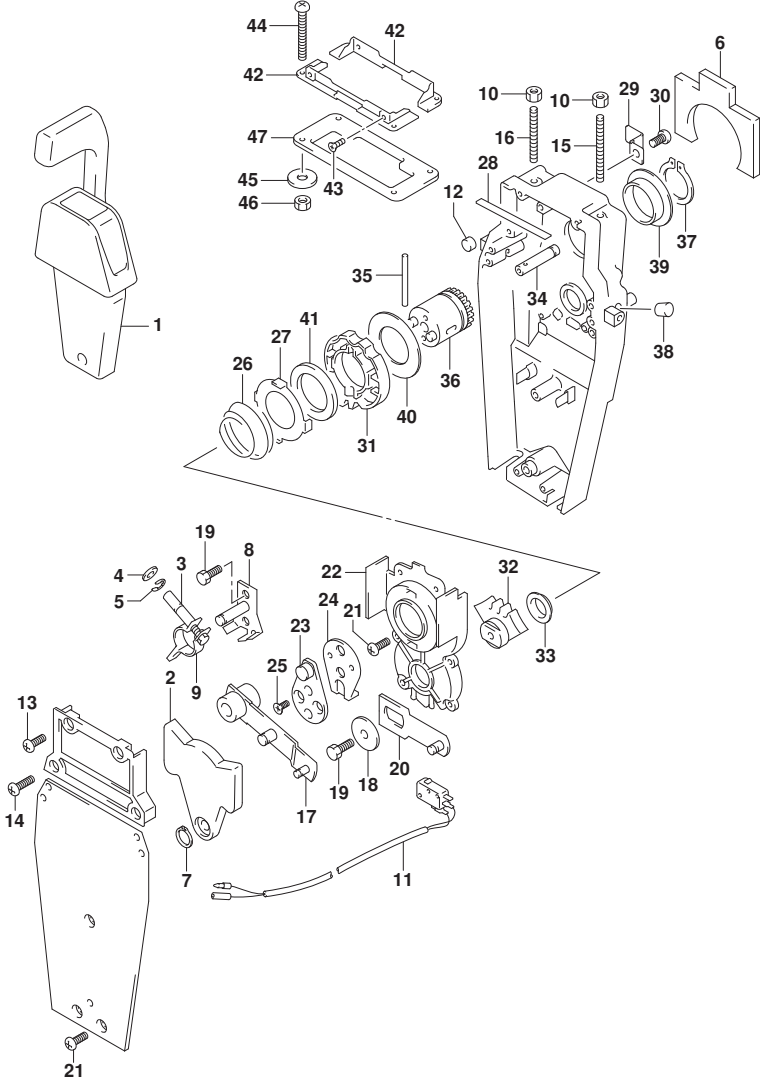
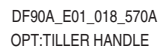


FIG.545A (1-K-15) OPT:REMOTE CONTROL ASSY SINGLE (2) (DF70A)(DF80A)(DF90A)(D

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
45	09160-05024	.WASHER (5.5X16X1.5)	4	
46	67287-92E00	.NUT	4	
47	67273-88L00	.GROMMET, REMOCON (SINGLE)	1	

- DF70A E01
- DF70A E40
- DF80A E01
- DF80A E40
- DF90A E01
- DF90A E40
- DF100B E01
- DF100B E40

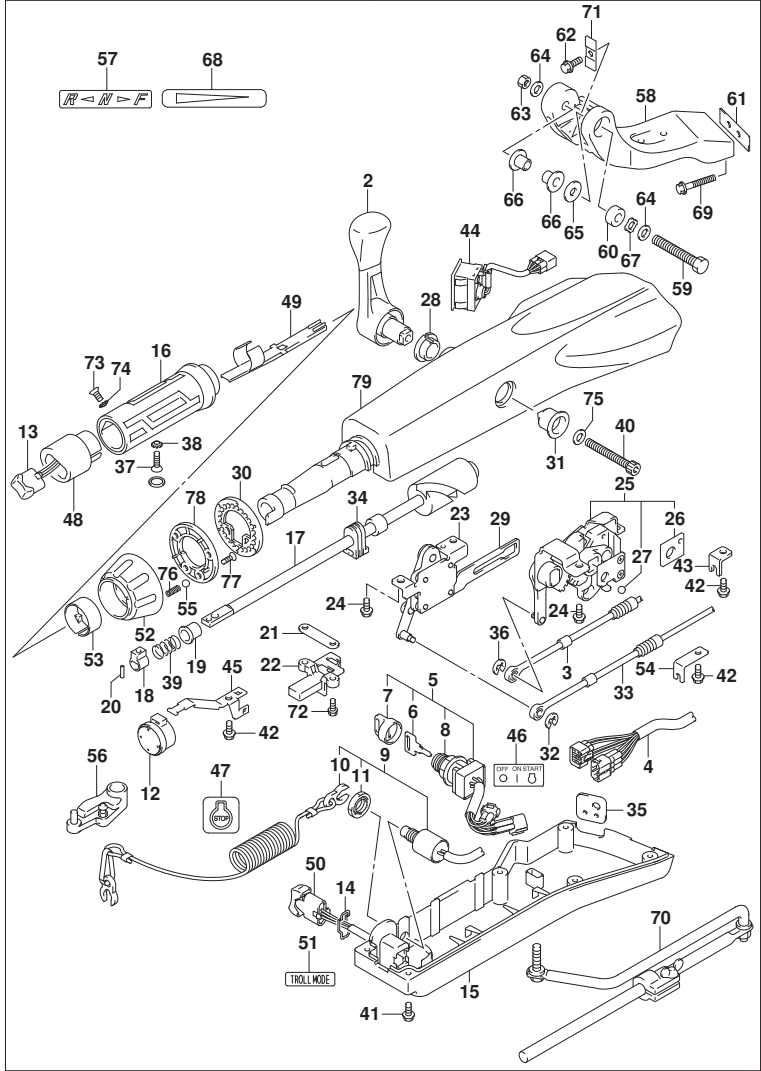
1



Q'TY

DF90A_E01_018

FIG.570A



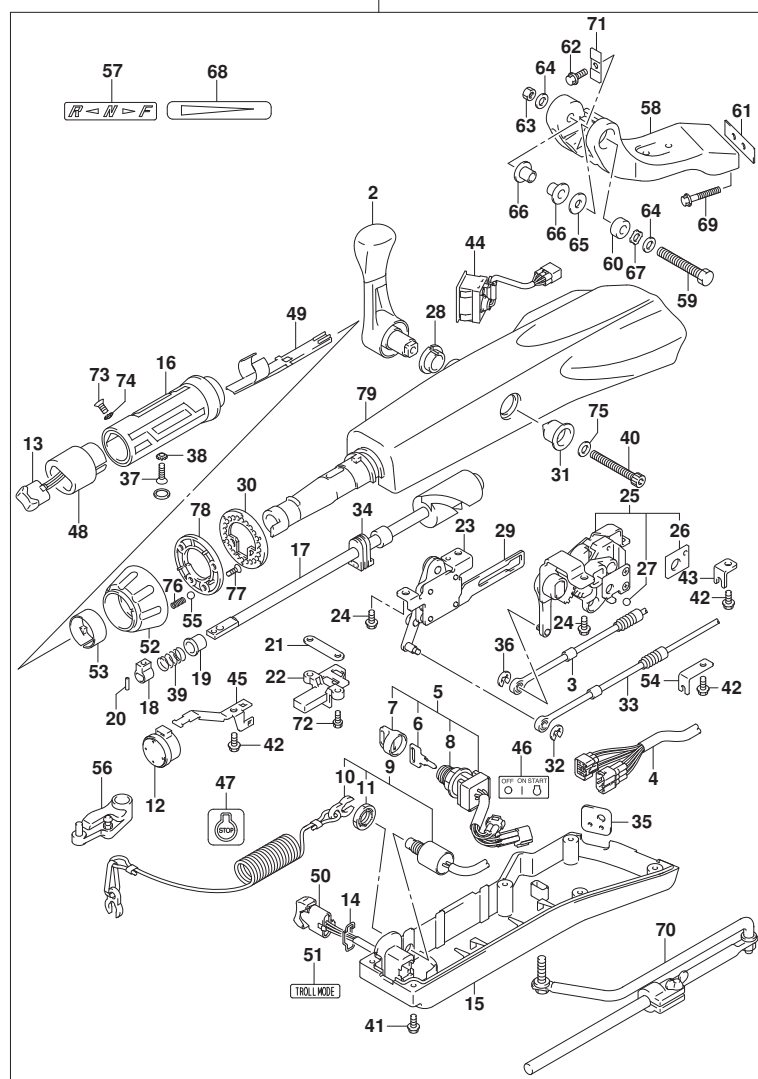
DF90A_E01_018_570A
OPT:TILLER HANDLE

FIG.570A (1-L-3) OPT:TILLER HANDLE (DF70A)(DF80A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
13	37850-87L01	.SWITCH ASSY, PTT	1	
14	37852-87J00	.PLATE, TRIM SWITCH	1	
15	63121-88L00	.COVER, UNDER	1	
16	63210-88L00	.GRIP, HANDLE	1	
17	63221-88L00	.SHAFT, THROTTLE	1	
18	63223-92D00	.STOPPER, HANDLE ROD	1	
19	63225-88L00	.BUSH, HANDLE ROD	1	
20	63227-93200	.PIN, HANDLE ROD	1	
21	63235-88L00	.PLATE, THROTTLE SHAFT	1	
22	63246-88L00	.STOPPER THROTTLE ADJ	1	
23	63250-88L00	.ARM ASSY, THROTTLE	1	
24	63251-87J00	.BOLT, SHIFT GEAR ASSY	4	
25	63260-88L00	.GEAR ASSY, SHIFT	1	
26	63272-87J00	..PLATE, BALL GUIDE	1	
27	63273-87J00	..BALL	1	
28	63262-87J00	.BUSH, SHIFT LEVER	1	
29	63271-87J00	.PLATE, LOCK	1	
30	63248-99J00	.PLATE, THROTTLE ADJ NOTCH	1	
31	63261-87J00	.BUSH, SHIFT GEAR	1	
32	63274-87J00	.E RING	1	
33	63610-87J00	.CABLE, THROTTLE	1	
34	37853-88L90	.GROMMET, PTT SWITCH LEAD	1	
35	63626-88L00	.GROMMET, WIRE HARNESS	1	

DF90A_E01_018

FIG.570A



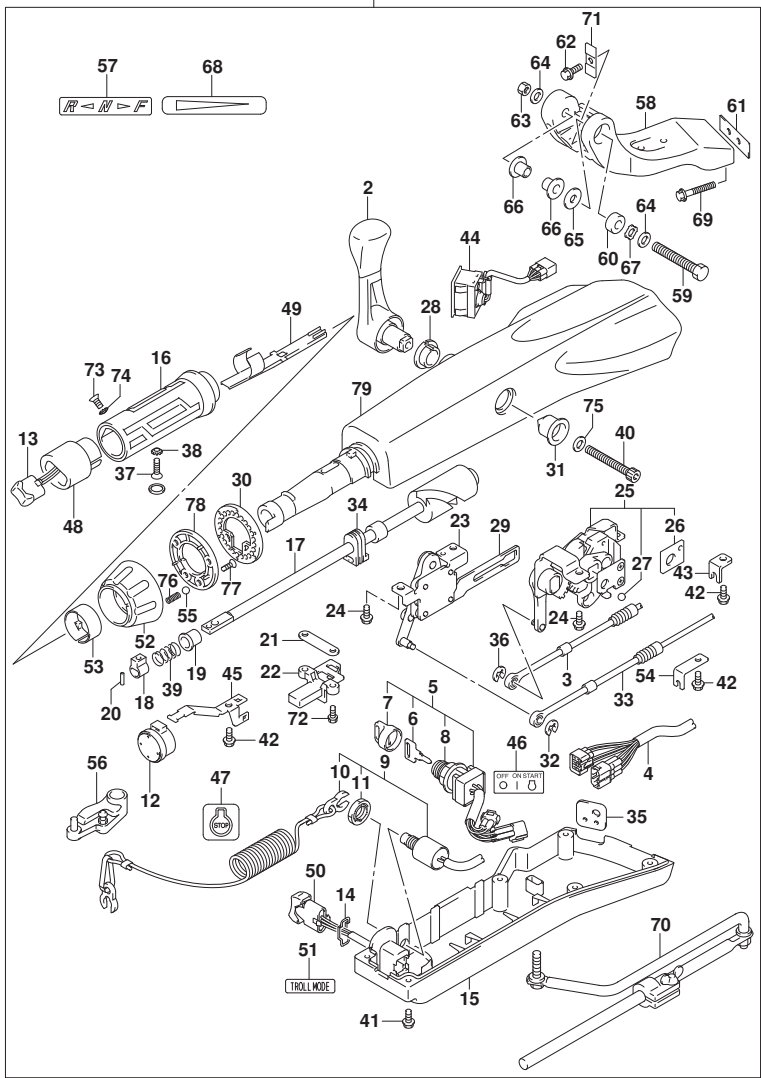
DF90A_E01_018_570A
OPT:TILLER HANDLE

FIG.570A (1-L-4) OPT:TILLER HANDLE (DF70A)(DF80A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
36	67292-87J00	.E RING	2	
37	09126-06015	.SCREW (6X23)	1	
38	09163-06001	.LOCK WASHER	1	
39	09440-12027	.SPRING	1	
40	21112-88L00	.BOLT SHIFT LEVER	1	
41	09125-05047	.SCREW (5X14)	6	
42	63611-88L00	.BOLT CLAMP BRACKET	3	
43	63612-87J00	.BRACKET, CLAMP	1	
44	34200-87L00	.TACHOMETER ASSY, WITH MONITOR	1	
45	36617-88L90	.CLAMP PLATE, MAIN HARNESS	1	
46	37112-88L91	.LABEL, IGNITION SWITCH	1	
47	37835-95D00	.LABEL, STOP	1	
48	37851-88L90	.BASE, PTT SWITCH	1	
49	37852-88L90	.HARNESS, GUIDE	1	
50	37861-87L11	.SWITCH, TROLLING CONTROL	1	
51	37864-88L91	.LABEL, TROLL MODE	1	
52	63244-99J00	.KNOB, THROTTLE ADJ	1	
53	63245-99J00	.BUSH, THROTTLE ADJ	1	
54	63612-88L10	.BRACKET, CLAMP SHIFT	1	
55	09260-10006	.BALL	1	
56	19120-87L10	.LEVER, THROTTLE	1	
57	21131-88L01	.MARK, CLUTCH SHIFT	1	

DF90A_E01_018

FIG.570A



DF90A_E01_018_570A
OPT:TILLER HANDLE

FIG.570A (1-L-5) OPT:TILLER HANDLE (DF70A)(DF80A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
58	43761-88L01-YAY	.BRACKET, TILLER HANDLE (BLACK)	1	
59	43762-88L00	.BOLT TILLER HANDLE PIVOT	1	
60	43768-88L00	.SPACER, TILLER HANDLE	1	
61	43776-87L00	.SPACER, STRG BRKT	1	
62	09116-08137	.BOLT (8X22)	1	
63	09159-12014	.NUT	1	
64	09160-12066	.WASHER (12.5X22X2.5)	2	
65	09160-12124	.WASHER (12.5X32X1.5)	1	
66	63115-88L00	.BUSH, TILLER HANDLE	2	
67	09164-13010	.WASHER	1	
68	63215-93110	.MARK, HANDLE GRIP	1	
69	09116-10150	.BOLT (10X55)	2	
70	43770-99E03	.ADJUSTER ASSY, STEERING	1	
71	63132-88L00	.STOPPER, TILLER HANDLE	1	
72	63251-88L90	.BOLT	2	
73	37855-88L90	.SCREW, THROTTLE GRIP	1	
74	37854-88L90	.WASHER, THROTTLE GRIP	1	
75	63258-88L00	.WASHER	1	
76	09440-06037	.SPRING	1	
77	03522-05169	.SCREW	3	

DF90A_E01_018

FIG.570A

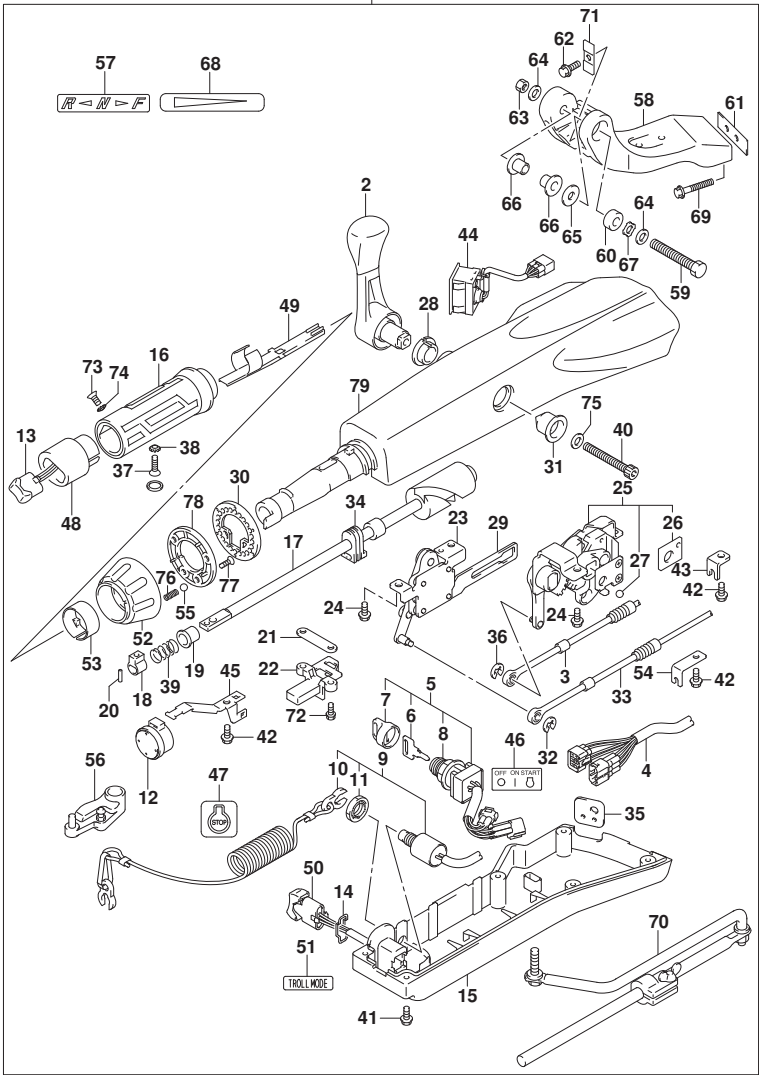


FIG.570A (1-L-6) OPT:TILLER HANDLE (DF70A)(DF80A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
78	63247-99J00	.PLATE,THROTTLE ADJ KNOB	1	
79	63111-88L00-YAY	.HOUSING, TILLER HANDLE (BLACK)	1	

DF70A E01
DF70A E40
DF80A E01
DF80A E40
DF90A E01
DF90A E40
DF100B E01
DF100B E40

FIG.585A

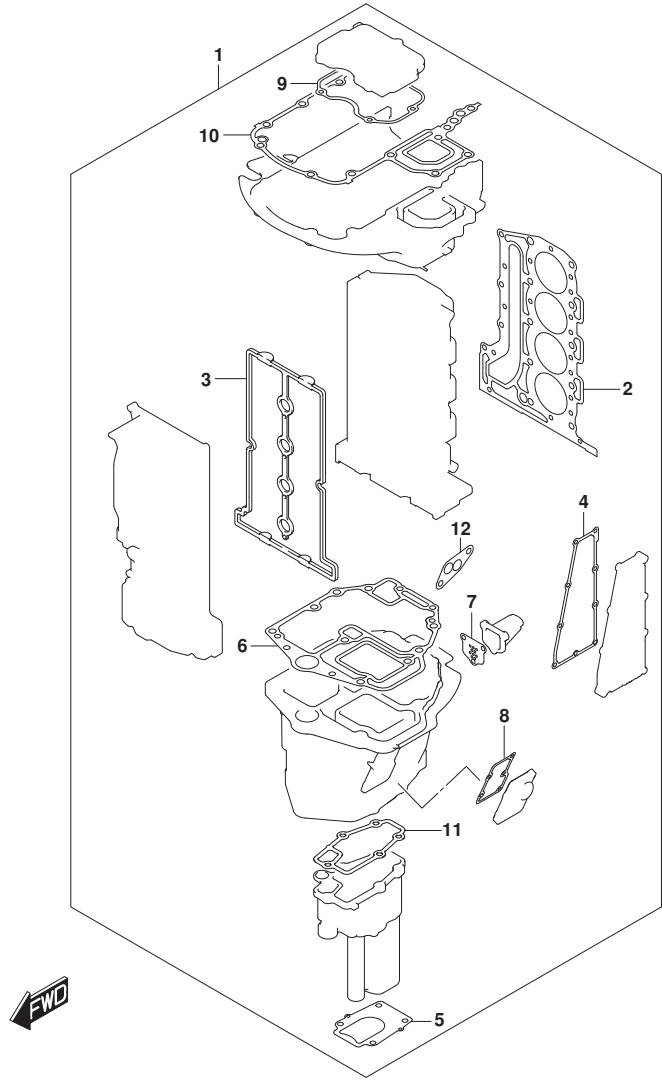


FIG.585A (1-L-7) OPT:GASKET SET

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	11410-87851	GASKET SET	1	
2	11141-87L00	.GASKET, CYLINDER HEAD	1	
3	11189-87L00	.GASKET, CYLINDER HEAD COVER	1	
4	14151-87L00	.GASKET, EXH COVER	1	
5	17472-87L00	.GASKET, PUMP CASE PANEL	1	
6	11489-87L00	.GASKET, OIL PAN	1	
7	11542-87L00	.GASKET, EXH TUBE	1	
8	11552-87L00	.GASKET, OIL PAN WTR JKT COV	1	
9	51123-87L00	.GASKET, MOUNT CASE COVER	1	
10	51211-87L10	.GASKET, ENGINE HOLDER	1	
11	52331-87L00	.GASKET, EXH TUBE HOUSING	1	
12	16539-87L00	.GASKET, OIL FILTER ADAPTER CASE	1	

FIG.600A

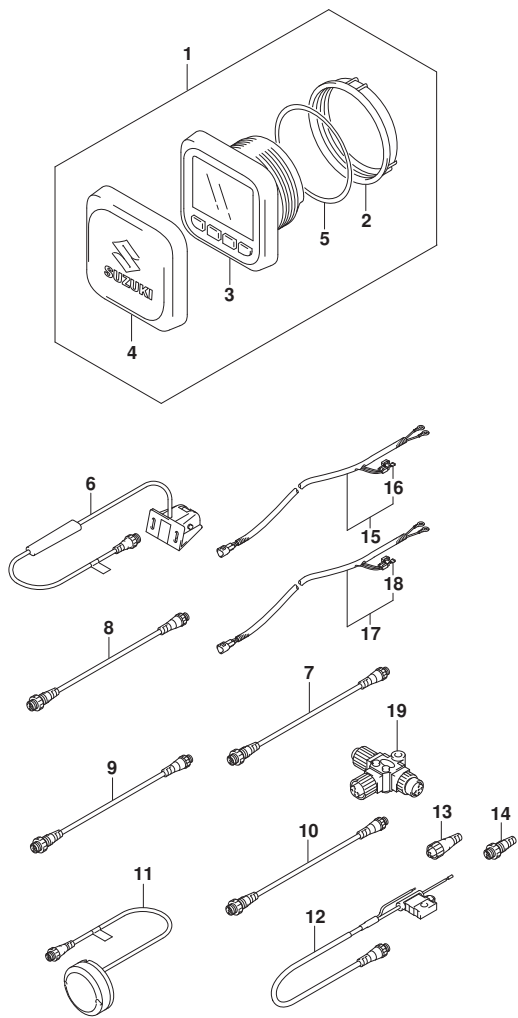


FIG.600A (1-L-8) OPT:MULTI FUNCTION GAUGE (DF70ATH)(DF90ATH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	34011-96L12	SET, MULTI GAUGE	1	
2	34112-96L00	.NUT, GAUGE	1	
3	34193-96L00	.BEZEL, GAUGE	1	
4	34211-96L00	.COVER, GAUGE	1	
5	34825-96L00	.PACKING, GAUGE	1	
6	34190-88L00	SENSOR ASSY, PAD WHEEL	1	
7	36662-88L10	WIRE, 2 EXTENSION	1	
8	36662-88L20	WIRE, 6 EXTENSION	1	
9	36662-88L30	WIRE, 15 EXTENSION	1	
10	36662-88L00	WIRE, 25 EXTENSION	1	
11	39950-88L02	MODULE ASSY, GPS RECEIVER	1	
12	36663-88L00	HARNESS ASSY, NETWORK POWER	1	
13	36665-88L00	UNIT, RESISTOR FEMALE	1	
14	36665-88L10	UNIT, RESISTOR MALE	1	
15	36663-98J00	WIRE, GAUGE POWER (2.5M)	1	
16	09481-05501	.FUSE (5A)	1	
17	36663-98J10	WIRE, GAUGE POWER (6M)	1	
18	09481-05501	.FUSE (5A)	1	
19	36664-88L00	CONNECTOR, BRANCH	1	

DF70ATH E01
DF70ATH E40
DF90ATH E01
DF90ATH E40

FIG.601A

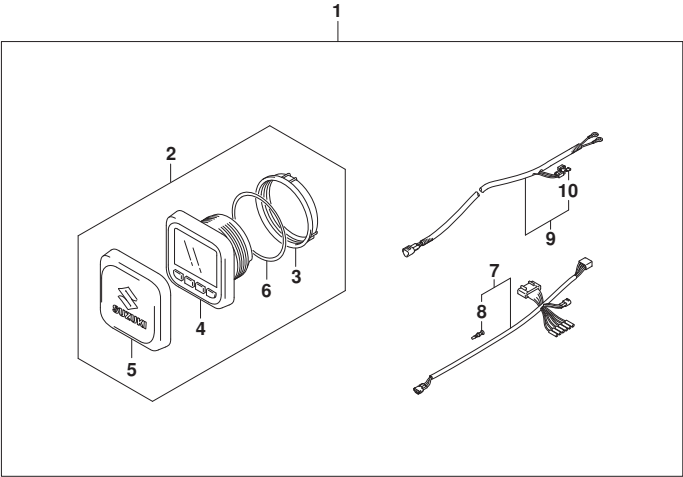


FIG.601A (1-L-9) OPT:MULTI FUNCTION GAUGE (1) (DF70A)(DF80A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	34000-96L42	KIT, SINGLE GAUGE MECH	1	
2	34011-96L12	..SET, MULTI GAUGE	1	
3	34112-96L00	..NUT, GAUGE	1	
4	34193-96L00	..BEZEL, GAUGE	1	
5	34211-96L00	..COVER, GAUGE	1	
6	34825-96L00	..PACKING, GAUGE	1	
7	36661-96L10	..ADAPTER, GAUGE	1	
8	36615-96300	..TERMINAL	5	
9	36663-98J10	..WIRE, GAUGE POWER (6M)	1	
10	09481-05501	..FUSE (5A)	1	

- DF70A E01
- DF70A E40
- DF80A E01
- DF80A E40
- DF90A E01
- DF90A E40
- DF100B E01
- DF100B E40

FIG.602A

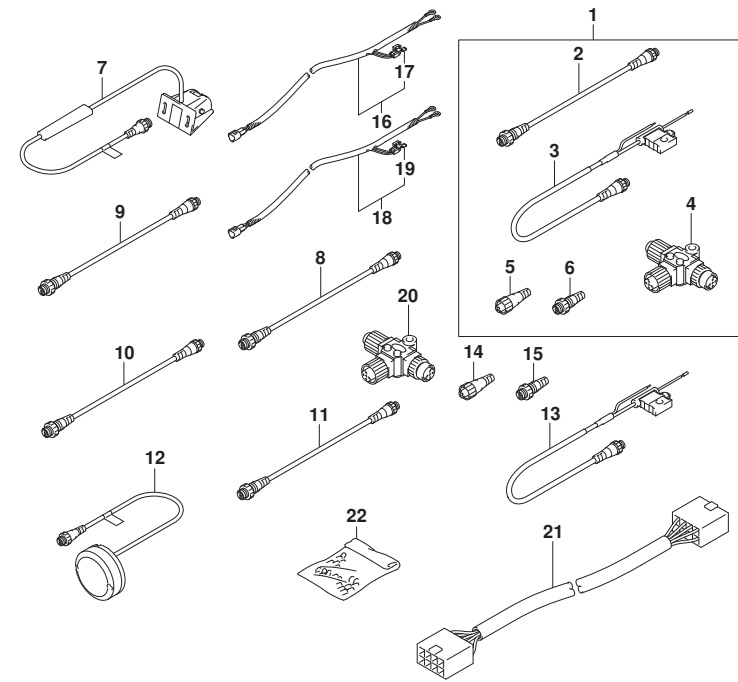


FIG.602A (1-L-10) OPT:MULTI FUNCTION GAUGE (2) (DF70A)(DF80A)(DF90A)(DF100B)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	36001-88L00	SET, WIRE	1	
2	36662-88L10	.WIRE, 2 EXTENSION	1	
3	36663-88L00	.HARNESS ASSY, NETWORK POWER	1	
4	36664-88L00	.CONNECTOR, BRANCH	1	
5	36665-88L00	.UNIT, RESISTOR FEMALE	1	
6	36665-88L10	.UNIT, RESISTOR MALE	1	
7	34190-88L00	SENSOR ASSY, PAD WHEEL	1	
8	36662-88L10	WIRE, 2 EXTENSION	1	
9	36662-88L20	WIRE, 6 EXTENSION	1	
10	36662-88L30	WIRE, 15 EXTENSION	1	
11	36662-88L00	WIRE, 25 EXTENSION	1	
12	39950-88L02	MODULE ASSY, GPS RECEIVER	1	
13	36663-88L00	HARNESS ASSY, NETWORK POWER	1	
14	36665-88L00	UNIT, RESISTOR FEMALE	1	
15	36665-88L10	UNIT, RESISTOR MALE	1	
16	36663-98J00	WIRE, GAUGE POWER (2.5M)	1	
17	09481-05501	.FUSE (5A)	1	
18	36663-98J10	WIRE, GAUGE POWER (6M)	1	
19	09481-05501	.FUSE (5A)	1	
20	36664-88L00	CONNECTOR, BRANCH	1	
21	36667-96L20	WIRE, DUAL GAUGE ADAPTER	1	
22	36990-87D00	TERMINAL SET, WITH SLEEVE	1	

DF70A E01
DF70A E40
DF80A E01
DF80A E40
DF90A E01
DF90A E40
DF100B E01
DF100B E40

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
10000		11541-87L00-Y5S	180A-3-2		121B-4
		11541-87L00-YAY	180A-3-1		121C-4
			180B-3	12749-93J00	121A-5
		11542-87L00	180A-4		121B-5
			180B-4		121C-5
11100-87L10	111A-1		585A-7	12761-87L00	119A-4
	111B-1	11551-87L00-Y5S	180A-5-2	12771-87L00	119A-5
11112-84400	111A-14	11551-87L00-YAY	180A-5-1	12810-87L00	119A-7
	111B-14		180B-5	12812-90J00	119A-10
11115-73G01-001	111A-4	11552-87L00	180A-6	12813-73G00	119A-8
	111B-4		180B-6	12831-93J01	119A-11
11117-89J00	111A-10		585A-8	12891-69J00	121A-8
	111B-10	12100-69830-025	116A-7-6		121B-8
11117-90J10	113A-4	12100-69830-0A0	116A-7-1		121C-8
11118-95J00	204A-18	12100-69830-0B0	116A-7-2	12892-69J00-228	121A-9-1
11118-98J01	113A-8	12100-69830-0C0	116A-7-3		121B-9-1
11141-87L00	111A-11	12100-69830-0D0	116A-7-4		121C-9-1
	111B-11	12100-69830-0E0	116A-7-5	12892-69J00-230	121A-9-2
	585A-2	12100-87L01-050	116A-13		121B-9-2
11170-87L11	111A-17	12111-87L00	116A-1		121C-9-2
	111B-17	12140-87L01	116A-2	12892-69J00-232	121A-9-3
11173-87L00	111A-21	12140-87L01-050	116A-14		121B-9-3
	111B-21	12151-54A50	116A-3		121C-9-3
11189-87L00	111A-18	12160-87L10	116A-5	12892-69J00-234	121A-9-4
	111B-18	12220-87L00	116A-8		121B-9-4
	585A-3	12281-87J00	401A-19		121C-9-4
11194-87L10	111A-27		401B-19	12892-69J00-236	121A-9-5
11194-87L20	111B-27	12300-57820-0AA	116A-9-6		121B-9-5
11196-87L00	162A-1	12300-57820-0BA	116A-9-7		121C-9-5
	162B-1	12300-57820-0CA	116A-9-8	12892-69J00-238	121A-9-6
11216-77E00	113A-5	12300-57820-0DA	116A-9-9		121B-9-6
11223-87L00	113A-12	12300-57820-0EA	116A-9-10		121C-9-6
11224-87L00	113A-14	12300-78890	116A-10	12892-69J00-240	121A-9-7
11241-73003	175A-9	12300-78890-012	116A-11		121B-9-7
11261-93J00	111A-5	12340-57K02-0A0	116A-9-4		121C-9-7
	111B-5	12340-57K02-0B0	116A-9-5	12892-69J00-242	121A-9-8
	140A-4	12340-57K02-0C0	116A-9-1		121B-9-8
11291-87L00	113A-1	12340-57K02-0D0	116A-9-2		121C-9-8
11300-87L11	113A-3	12340-57K02-0E0	116A-9-3	12892-69J00-244	121A-9-9
11382-93J00	111A-15	12701-87L00	121B-1		121B-9-9
	111B-15	12701-87L10	121C-1		121C-9-9
11410-87851	585A-1	12701-87L20	121A-1	12892-69J00-246	121A-9-10
11489-87L00	180A-1	12705-87L00	121A-2		121B-9-10
	180B-1		121B-2		121C-9-10
	585A-6	12705-87L10	121C-2	12892-69J00-248	121A-9-11
11501-87L10-Y5S	180A-2-2	12730-87L00	119A-1		121B-9-11
11501-87L10-YAY	180A-2-1	12741-90J01	121A-3		121C-9-11
	180B-2		121B-3	12892-69J00-250	121A-9-12
11510-87L03	136A-1		121C-3		121B-9-12
11514-87L00	136A-5	12748-87L00	121A-4		121C-9-12

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
12892-69J00-252	121A-9-13		121C-15		143B-21
	121B-9-13	13110-87L00	122A-1	15613-88L00	143A-22
	121C-9-13	13119-87L00	122A-2		143B-22
12892-69J00-254	121A-9-14	13125-87L00	122A-3	15613-92J00	143A-25
	121B-9-14	13300-87L00	163A-1		143B-25
	121C-9-14		163B-1	15614-88L00	143A-23
12892-69J00-256	121A-9-15	13300-87L10	163C-1		143B-23
	121B-9-15	13315-87L00	163A-2	15626-92J00	143A-4
	121C-9-15		163B-2	15626-92J10	143B-4
12892-69J00-258	121A-9-16		163C-2	15628-99E00	143A-5
	121B-9-16	13370-88L00	143A-2		143B-5
	121C-9-16	13370-88L10	143B-2	15629-99E10	143A-6
12892-69J00-260	121A-9-17	13510-87L00	163A-7		143B-6
	121B-9-17		163B-7	15641-88L00	143A-7
	121C-9-17		163C-7	15641-88L10	143B-7
12892-69J00-262	121A-9-18	13614-89J00	143B-15	15641-88L31	143A-18
	121B-9-18	13614-93J00	143B-16		143B-18
	121C-9-18	13650-52G00	315A-1	15641-88L51	143A-19
12892-69J00-264	121A-9-19	13655-87J00	315A-2		143B-19
	121B-9-19	13710-99E00	134A-1	15642-88L00	143A-8
	121C-9-19	13810-87L00	134A-2		143B-8
12892-69J00-266	121A-9-20	13813-87L00	134A-3	15642-88L10	143A-20
	121B-9-20	14141-87L00	140A-1		143B-20
	121C-9-20	14151-87L00	140A-2	15643-88L10	143A-17
12892-69J00-268	121A-9-21		585A-4		143B-17
	121B-9-21	15100-90J11	146A-1	15644-88L00	143A-13
	121C-9-21		146B-1	15644-88L10	143B-13
12892-69J00-270	121A-9-22	15190-87L00	146A-10	15645-88L00	143A-14
	121B-9-22	15190-87L10	146B-11		143B-14
	121C-9-22	15192-87L11	146A-11	15648-92J00	143A-16
12892-69J00-272	121A-9-23	15192-87L20	146B-12		143B-24
	121B-9-23	15198-87L00	146A-16	15650-99E00	143A-9
	121C-9-23		146B-17		143B-9
12911-87L00	121A-10	15200-92J00	143A-3	15654-88L00	143A-10
	121B-10	15200-92J10	143B-3		143B-10
	121C-10	15410-87L00	146A-4	15681-92J00	144A-1
12915-87L50	121A-11	15410-92J00	146B-4		144B-1
	121B-11	15411-92J00	146B-5	15683-87J00	143A-11
	121C-11	15412-92J00	146B-6		143B-11
12921-87J11	121A-12	15413-92J00	146B-7	15691-92J00	143A-28
	121B-12	15415-92J00	146B-8		143B-28
	121C-12	15419-87J00	146A-5	15710-82K50	144A-2
12931-78G00	121A-13	15419-92J00	146A-19		144B-2
	121B-13		146B-20	15716-65D10	144A-3
	121C-13	15421-87L00	146A-8		144B-3
12932-24400	121A-14	15421-87L10	146B-9	15750-87L30	144A-4
	121B-14	15422-96J00	146A-7	15750-87L40	144B-4
	121C-14	15600-92J20	143A-1	15760-88L00	143A-12
12933-51E00	121A-15	15600-92J30	143B-1		143B-12
	121B-15	15612-88L00	143A-21	15830-87L30	144A-5

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
15830-87L40	144B-5		160F-2		160G-7
16400-87L00	175A-1	17461-87L00	160G-2		160H-7
16440-99E00	175A-3		160H-2	17564-87D00	160A-8
16510-61A31	175A-10	17471-87L00	160A-3		160B-8
16519-87L00	175A-8		160B-3		160C-8
16520-87L00	175A-5		160C-3		160D-8
16531-87L00	175A-11		160G-3		160E-8
16539-87L00	175A-12	17471-87L10	160D-3		160F-8
	585A-12		160E-3		160G-8
16910-87L00	180A-17		160F-3		160H-8
	180B-17		160H-3		162A-2-2
16930-87L00	180A-18	17472-87L00	160A-4	17611-90J00-Y5S	162A-2-1
	180B-18		160B-4	17611-90J00-YAY	162B-2
17400-87L01	160A-18		160C-4	17631-87L00	160A-9
	160B-18		160D-4		160B-9
	160C-18		160E-4		160C-9
	160D-18		160F-4		160D-9
	160E-18		160G-4		160E-9
	160F-18		160H-4		160F-9
	160G-18		585A-5		160G-9
	160H-18	17561-87L20	160A-5-1		160H-9
17410-99E10	160A-1		160B-5-1	17632-87L01	160A-10
	160B-1		160C-5-1		160B-10
	160C-1		160D-5-1		160C-10
	160D-1		160E-5-1		160D-10
	160E-1		160F-5-1		160E-10
	160F-1		160G-5-1		160F-10
	160G-1		160H-5-1		160G-10
	160H-1	17561-87L30	160A-5-2		160H-10
17413-99E11	160A-16		160B-5-2	17660-99E01	162A-3
	160B-16		160C-5-2		162B-3
	160C-16		160D-5-2	17670-90J00	162A-4-1
	160G-16		160E-5-2		162B-4-1
17413-99E21	160D-16		160F-5-2	17670-90J10	162A-4-2
	160E-16		160G-5-2		162B-4-2
	160F-16		160H-5-2	17681-87L00	162A-5
17416-99E10	160H-16	17562-87L00	160A-6		162B-5
	160A-17		160B-6	17685-87L00	162A-6
	160B-17		160C-6		162B-6
	160C-17		160D-6	17913-93J00	180A-8
	160D-17		160E-6		180B-8
	160E-17		160F-6		410A-15
	160F-17		160G-6		410B-15
	160G-17		160H-6		410C-15
	160H-17	17563-87D00	160A-7	17914-93J00	180A-9
17461-87E12	160A-2		160B-7		180B-9
	160B-2		160C-7		410A-16
	160C-2		160D-7		410B-16
	160D-2		160E-7		410C-16
	160E-2		160F-7	17915-87L00	162A-11

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
	162B-11		336B-1	31281-92J10	337A-8
17917-87L00	410A-40		336C-1	31311-63J00	301A-7
	410B-40	23115-87L00	204A-7	31311-93J00	340A-2
	410C-40	23230-90J10	444A-4	31313-86030	301A-11
18137-87L01	122A-8		570A-3	31320-98L00	301A-12
18498-87JC0	143A-31	25111-87L01	206A-1-1	31340-98L00	301A-10
	143B-31	25111-87L11	206A-1-2	31341-98L00	301A-13
18498-95J00	111A-24	25131-87L01	206A-2	31343-63J00	301A-14
	111B-24	25141-87L00	206A-5	31344-63J00	301A-15
18498-99E10	146A-13	25223-94400	206A-6	31912-87L00	301A-16
	146A-14	25232-96302	206A-3	31918-92J01	301A-17
	146B-14	25700-87L00	407A-28	32102-87L00	303A-1
	146B-15		407B-28	32120-87L10	303A-5
18498-99E20	144A-8	29103-93J00	315A-17	32160-87L00	303A-6
	144B-8	29116-93J00	180A-11	32800-87L00	310A-1
18498-99EA0	507A-6		180B-11	32851-93J00	331A-1
18590-68H00	315A-3		206A-7		535A-15
19115-87L00	163A-8		401A-12	32890-87L10	310A-3
	163B-8		401B-12	32980-38F00	331A-2
	163C-8	29116-93J10	160A-11		535A-16
19120-87L00	163A-9		160B-11	33220-64L10	303A-8
	163C-9		160C-11	33410-87L00	310A-8
19120-87L10	163B-9		160D-11	33634-96J00	322A-4
	570A-56		160E-11		322B-4
19131-95502	163A-10		160F-11	33799-97E00	340A-9
	163B-10		160G-11	33810-90J20	322A-1
	163C-10		160H-11		322B-1
		29404-93J10	180A-12	33833-87L00	322B-36
			180B-12	33925-92J00	326A-15
					326B-15
					326C-15
					326D-15
					326E-15
					326F-15
					326G-15
					326H-15
21110-87L10	204A-1	31100-98L10	301A-1		326G-14
21110-88L00	444A-3	31111-94900	340A-10	33940-87L60	326H-14
	570A-2	31123-94910	340A-4	33940-87L70	326H-14
21112-88L00	444A-41	31133-90J10	340A-5	33940-87L80	326C-14
	570A-40	31133-94910	340A-6	33940-87L90	326D-14
21131-88L01	444A-71	31135-94900	340A-8	33940-87LA0	326E-14
	570A-57	31136-90J20	340A-7	33940-87LB0	326F-14
21131-93J00	204A-2	31150-98L00	301A-2	33940-87LC0	326A-14
21151-87L00	204A-3	31170-92J00	301A-3	33940-87LD0	326B-14
21152-87L00	204A-4	31173-94920	340A-3	34000-96L42	601A-1
21153-87L00	204A-5	31173-98L00	301A-4	34011-96L12	600A-1
21157-87L00	204A-6	31191-63J00	301A-5		601A-2
21210-87L01	204A-13	31192-92J00	301A-8	34100-93J00	501A-3-1
22511-99011	204A-22	31220-98L10	301A-6		501B-3-1
	336A-1	31261-75F10	301A-9	34100-93J11	501A-3-2

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
34100-93J20	501B-3-2	34500-93J11	460A-3-2	36617-93J00	570A-45
	501A-3-3		501A-14-2		322A-26
34100-93J31	501B-3-3	34600-93J00	501B-14-2	36618-43410	322B-26
	501A-3-4		501A-8-1		322A-14
34100-93J40	501B-3-4	34600-93J11	501B-8-1	36620-87L00	322B-14
	501A-3-5		501A-8-2		444A-5
34100-93J51	501B-3-5	34650-93J20	501B-8-2	36620-93J02	570A-4
	501A-3-6		501A-16-1		508A-54-1
34100-93J60	501B-3-6	34650-93J31	501B-16-1	36620-93J02	508B-54-1
	501A-3-7		501A-16-2		521B-2-1
34112-96L00	501B-3-7	34660-90J02	501B-16-2	36620-93J10	521A-1-1
	600A-2		507A-1		521A-2
34120-98J01	601A-3	34800-93J00	460A-1-1	36620-93J40	521A-1-2
	501A-23		501A-1-1		508A-54-2
34190-87D00	501B-23	34800-93J11	501B-1-1	36620-93J52	508B-54-2
	501A-22		460A-1-2		521B-2-2
34190-88L00	501B-22	34825-96L00	501A-1-2	36620-93J62	508A-54-3
	600A-6		501B-1-2		508B-54-3
34190-95500	602A-7	34825-96L00	600A-5	36623-96L10	521B-2-3
	501A-24		601A-6		331A-3
34191-92E00	501B-24	34830-87J20	315A-5	36625-93J10	535A-17
	501A-5		34840-98J11		322A-37
34193-96L00	501A-17	34841-87L10	315A-9	36628-92E00	322B-37
	501B-5		34842-87L01		508A-3
34200-87L00	501B-17	34843-87L00	315A-11	36630-92E00	508B-3
	600A-3		34845-87L10		521B-5
34200-87L00	601A-4	36001-88L00	315A-12	36646-93J01	508A-2
	444A-45		36010-87L70		508B-2
34200-93J00	570A-44	36610-87L80	322A-3	36656-87L00	315A-18
	460A-5-1		322B-3		521B-6
34200-93J12	501A-20-1	36611-87L10	322A-35	36660-94480	601A-7
	501B-20-2		322B-35		600A-10
34200-93J40	460A-5-2	36612-96J00	322A-15	36662-88L10	602A-11
	501A-20-2		322B-15		600A-7
34200-93J51	501B-20-2	36615-96300	322A-16	36662-88L30	602A-2
	600A-4		322B-16		602A-8
34300-93J00	601A-5	36616-87L00	331A-4	36662-88L20	600A-8
	501A-10-1		501A-7		602A-9
34300-93J11	501B-10-1	36617-87L00	501B-7	36662-88L00	600A-9
	501A-10-2		535A-18		602A-10
34310-92E00	501B-10-2	36617-87L00	601A-8	36662-96L10	331A-5
	501A-11		322A-20		535A-19
34360-92E00	501B-11	36617-87L20	322B-20	36663-98J00	600A-12
	501A-12		322A-25		602A-3
34500-93J00	501B-12	36617-88L90	322B-25	36663-98J10	602A-13
	460A-3-1		322A-27		600A-15
	501A-14-1		322B-27		602A-16
	501B-14-1		322A-28		600A-17
			322B-28		601A-9
			444A-46		602A-18

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
36664-88L00	600A-19	37117-96L00	331A-10	37141-99E70	530A-21-7
	602A-4		535A-24		570A-6-7
36665-88L00	602A-20	37139-96L40	535A-6	37141-99E80	444A-7-8
	600A-13		530A-6		508A-5-8
36665-88L10	602A-5	37139-99E00	530A-24	37141-99E90	530A-3-8
	602A-14		530A-7-1		530A-21-8
36667-96L20	600A-14	37141-99E00	444A-7-1	37141-99E90	570A-6-8
	602A-6		508A-5-1		570A-6-8
36682-92E00	602A-15	37141-99E10	508B-5-1	37141-99E90	444A-7-9
	521A-5		530A-3-1		508A-5-9
36682-92E00	521B-8	37141-99E10	530A-21-1	37141-99E90	530A-3-9
	602A-21		535A-3-1		530A-21-9
36721-96J00	570A-6-1	37141-99E10	444A-7-2	37141-99E90	570A-6-9
	501B-29		508A-5-2		444A-7-10
36737-96J00	508B-5-2	37141-99E20	530A-3-2	37141-99E90	508A-5-10
	322A-7		530A-21-2		530A-3-10
36738-87L00	322B-7	37141-99E20	530A-21-2	37141-99E90	530A-21-10
	322A-6		535A-3-2		570A-6-10
36738-87L00	322B-6	37141-99E20	570A-6-2	37141-99E90	444A-7-11
	322A-8		444A-7-3		508A-5-11
36890-93J00	322B-8	37141-99E20	508A-5-3	37141-99E90	530A-3-11
	517A-23		508B-5-3		530A-21-11
36894-87D00	336A-2	37141-99E30	530A-3-3	37141-99E90	570A-6-11
	336A-3		530A-21-3		444A-7-12
36895-87D10	336B-2	37141-99E30	535A-3-3	37141-99E90	508A-5-12
	336B-3		570A-6-3		530A-3-12
36895-87D10	336C-2	37141-99E30	444A-7-4	37141-99E90	530A-21-12
	336C-3		508A-5-4		570A-6-12
36895-87D10	337A-23	37141-99E30	508B-5-4	37141-99E90	508B-6
	336A-4		530A-3-4		535A-4
36990-87D00	336B-4	37141-99E40	530A-21-4	37141-99E90	444A-8
	336C-4		530A-21-4		508A-6
37100-96J00	337A-27	37141-99E40	570A-6-4	37141-99E90	530A-4
	521A-4		444A-7-5		530A-22
37100-96J25	521B-4	37141-99E40	508A-5-5	37141-99E90	570A-7
	602A-22		508B-5-5		444A-9
37100-96L11	530A-1	37141-99E50	530A-3-5	37141-99E90	508A-7
	530A-19		530A-21-5		530A-5
37105-96L11	535A-1	37141-99E50	535A-3-5	37141-99E90	530A-23
	535A-14		570A-6-5		570A-8
37110-87L01	444A-7-6	37141-99E50	444A-7-6	37141-99E90	535A-23
	570A-5		508A-5-6		331A-11
37110-93J01	530A-2	37141-99E50	508B-5-6	37141-99E90	535A-25
	530A-20		530A-3-6		331A-12
37110-93J11	508A-4	37141-99E50	530A-21-6	37141-99E90	535A-26
	508B-4		535A-3-6		530A-21-6
37112-88L91	535A-2	37141-99E60	570A-6-6	37141-99E90	331A-6
	444A-47		444A-7-7		535A-20
37114-96L10	570A-46	37141-99E60	508A-5-7	37141-99E90	530A-17
	535A-5		530A-3-7		530A-18
					545A-11

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
37721-93J00	326A-1 326B-1 326C-1 326D-1 326E-1 326F-1 326G-1 326H-1 508A-8 508B-7	37835-95D00 37850-87L01 37850-88L00 37850-90J06 37850-92E27	530A-27 535A-9 444A-48 570A-47 444A-14 570A-13 544A-4 508A-12 508B-11 517A-5	37861-87L11 37862-87L00 37864-88L91 38100-87L11 38410-93J21	444A-51 570A-50 530A-32 444A-52 570A-51 337A-9 340A-1 326A-11 326B-11 326C-11
37721-93J91	518A-12 326A-4 326B-4 326C-4 326D-4 326E-4 326F-4 326G-4 326H-4	37850-92J00	326A-6 326B-6 326C-6 326D-6 326E-6 326F-6 326G-6 326H-6 444A-49		326D-11 326E-11 326F-11 326G-11 326H-11 326A-12 326B-12 326C-12 326D-12
37721-95500				38415-93J20	326E-12 326F-12 326G-12 326H-12 521A-3
37726-87L00				38500-93J00	521B-1 331A-7
				38500-93J90	444A-13 508A-13 508B-12
37726-90J10	326A-3 326B-3 326C-3 326D-3 326E-3 326F-3 326G-3 326H-3	37852-87J00 37852-88L90 37853-88L90 37854-88L90	570A-48 444A-15 570A-14 444A-50 570A-49 444A-35 570A-34 444A-59		530A-7 530A-29 535A-10 535A-21 570A-12 322A-9 322A-10 322B-9 322B-10 331A-8
37803-93J05	530A-9	37855-88L90	444A-58 570A-73		535A-22 600A-11 602A-12
37805-93J00	530A-15		530A-16		
37820-87L01	444A-10	37855-99E00	326A-7 326B-7 326C-7 326D-7	38860-76F01	
37820-93J04	508A-9 508B-8 530A-10	37856-92J00	326E-7 326F-7 326G-7 326H-7		
37820-93J10	530A-25		326A-8 326B-8 326C-8 326D-8 326E-8 326F-8	38860-96L01	
37820-99E02	535A-7 315A-14	37857-92J00	326G-8 326H-8 508A-51 508B-50	39950-88L02	
37823-92E01	444A-11 508A-10 508B-9 530A-11 530A-26 535A-8 570A-10				
37825-99E10	530A-13				
37826-92J00	444A-12 508A-11 508B-10 570A-11	37859-90J00	326G-8 326H-8		
37826-92J10	530A-12	37860-87L00	508A-51 508B-50 530A-31		

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PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
41111-87L10-Y5S	335A-1-2	43776-87L00	570A-70 444A-73 570A-61 337A-1	52331-87L00 52332-87L10	405B-4 585A-11 407A-11 407B-11
41111-87L10-YAY	335A-1-1 335B-1				
41121-87L11-Y5S	335A-2-2	48000-87L12	48121-90J00 48321-90J00 48325-87L00 48326-95E00 48400-87L02 48502-87L02	337A-25 337A-19 337A-21 337A-20 337A-2 337A-10	54114-90J10 405A-17 405B-17 401A-23 401B-23 401A-24 401B-24
41121-87L11-YAY	335A-2-1 335B-2				
41130-87L11	335A-3 335B-3	41135-93J11	48557-90J00 48571-87L01 48572-87L00 48582-95E01 48583-95E00 48585-95E00 48588-90J00 48611-87L00 48862-87J20 48862-90J21 48862-92J20 48862-92J30 48864-96J10	337A-2 337A-4 337A-5 337A-11 337A-12 337A-13 337A-15 337A-3 337A-7 337A-18 337A-16 337A-17 337A-14	54120-87L10 54122-87L00 54130-87L00 54137-87L00-Y5S 54137-87L00-YAY 54140-87L10 54151-87L00 54160-87L10 54166-95J02 54167-87L10
41161-94400	442A-1 442B-2				
41220-93J11	336A-21 336B-21 336C-17 336A-22 336B-22 336C-18 336A-23 336B-23 336C-19 336A-24 336B-24 336C-20 336A-25 336B-25 336C-21 336A-5-2 336A-5-1				
41224-95E01	336B-22 336C-18 336A-23 336B-23 336C-19 336A-24 336B-24 336C-20 336A-25 336B-25 336C-21 336A-5-2 336A-5-1				
41230-87L00	336B-23 336C-19 336A-24 336B-24 336C-20 336A-25 336B-25 336C-21 336A-5-2 336A-5-1				
41233-95E10	336B-23 336C-19 336A-24 336B-24 336C-20 336A-25 336B-25 336C-21 336A-5-2 336A-5-1				
41234-93J11	336B-23 336C-19 336A-24 336B-24 336C-20 336A-25 336B-25 336C-21 336A-5-2 336A-5-1				
43111-87L20-Y5S	336B-5 336C-5 336A-6 336B-6 336C-6 336A-7 336B-7 336C-7 336A-8-2 336A-8-1 336B-8 336C-8 336A-17 336B-17 444A-1 570A-58	51111-87L00-Y5S 51111-87L00-YAY 51115-87L00 51117-87L00 51122-87L00 51123-87L00	401A-1-2 401A-1-1 401B-1 401A-2 401B-2 401A-3 401B-3 401A-20 401B-20 401A-21 401B-21 585A-9 401A-4 401B-4 585A-10	54180-88L00 54211-90J01-Y5S 54211-90J01-YAY 54221-87L00-Y5S 54221-87L00-YAY 54231-87L00-Y5S 54231-87L00-YAY 55110-87L31-Y5S 55110-87L31-YAY 55125-90J01 55127-87D00	405A-18-2 405A-18-1 405B-18 405A-19-2 405A-19-1 405B-19 405A-20-2 405A-20-1 405B-20 407A-1-2 407A-1-1 407B-1 407A-4 407B-4 143A-34 143B-34
43211-93J10	336C-5 336A-6 336B-6 336C-6 336A-7 336B-7 336C-7 336A-8-2 336A-8-1 336B-8 336C-8 336A-17 336B-17 444A-1 570A-58				
43711-97E10	336B-7 336C-7 336A-8-2 336A-8-1 336B-8 336C-8 336A-17 336B-17 444A-1 570A-58				
43750-87L20-Y5S	336B-7 336C-7 336A-8-2 336A-8-1 336B-8 336C-8 336A-17 336B-17 444A-1 570A-58				
43750-87L20-YAY	336B-7 336C-7 336A-8-2 336A-8-1 336B-8 336C-8 336A-17 336B-17 444A-1 570A-58				
43755-87L00	336B-7 336C-7 336A-8-2 336A-8-1 336B-8 336C-8 336A-17 336B-17 444A-1 570A-58				
43761-88L01-YAY	336B-7 336C-7 336A-8-2 336A-8-1 336B-8 336C-8 336A-17 336B-17 444A-1 570A-58				
43762-88L00	444A-77 570A-59 444A-78 570A-60 444A-75	52111-87L00-Y5S 52111-87L00-YAY 405B-1 52131-87L00-Y5S 52131-87L00-YAY	405A-1-2 405A-1-1 405B-1 405A-4-2 405A-4-1	55320-94900	407A-12 407B-12 501A-26 501B-26 335A-8

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
55321-87J01	335B-8	58100-87LB0-019	407B-20-1		420B-1-1
	111A-7		407A-20-2		420C-1
	111B-7		407B-20-2		420D-1
	140A-6		407A-20-3		420E-1
55321-87J11	407A-8-1	58100-87LD0-019	407B-20-3		420F-1
	407B-8-1		407A-20-4		420G-1-1
	407A-8-2		407B-20-4		420H-1-1
	407B-8-2		407A-20-5		420J-1
55321-93J01	405A-10	58100-87LF0-019	407B-20-5		420K-1
	405B-10		407A-20-6		420L-1-1
55321-94910	335A-5	58100-90JA0-019	407B-20-6	61401-87Y11-Y5S	420M-1-1
	335B-5		407A-20-7		420A-1-2
55333-87L00	407A-10	58100-90JB0-019	407B-20-7		420B-1-2
	407B-10		407A-20-8		420G-1-2
56120-87L30-Y5S	220A-24-2	58100-90JC0-019	407B-20-8		420H-1-2
56120-87L30-YAY	220A-24-1		407A-20-9		420L-1-2
56130-87L01	220B-24	58100-90JD0-019	407B-20-9	61422-87L90	420M-1-2
	220A-30		407A-20-10		420L-12-2
	220B-30		407B-20-10		420M-12-2
57110-87L21	220A-1-1	58100-90JE0-019	407A-20-11	61422-90J40	420L-12-1
	220B-1-1		407B-20-11		420M-12-1
57110-87L31	220A-1-2	58105-90J00	407A-21	61431-87L21-Y5S	420A-2-2
	220B-1-2		407B-21		420B-2-2
57130-87E02	405A-9	58200-92J40	407A-20-12		420G-2-2
	405B-9		407B-20-12		420H-2-2
57133-87L01	220A-2	58200-92J50	407A-20-13		420L-2-2
	220B-2		407B-20-13		420M-2-2
57134-87L00	220A-34	58200-92J60	407A-20-14	61431-87L21-YAY	420A-2-1
	220B-34		407B-20-14		420B-2-1
57135-87L00	220A-35	58200-92J70	407A-20-15		420C-2
	220B-35		407B-20-15		420D-2
57300-87890	220A-5	58200-92J80	407A-20-16		420E-2
	220B-5		407B-20-16		420F-2
57500-87873	220A-8	58200-92J90	407A-20-17		420G-2-1
	220B-8		407B-20-17		420H-2-1
57500-87882	220A-13	60000			420J-2
	220B-13				420K-2
57610-87L00	220A-15				420L-2-1
	220B-15				420M-2-1
57621-87L10	220A-16				420A-12-1
	220B-16				420B-12-1
57630-90J00	407A-27				420C-12
	407B-27				420D-12
57631-87L00	220A-17				420E-12
	220B-17				420F-12
57632-87L01	407A-22			61435-87LB0	420G-12-1
	407B-22				420H-12-1
57633-90J02	407A-23	61124-87L20	410A-29	61435-87LC0	420J-12
	407B-23		410B-2		420K-12
58100-87LA0-019	407A-20-1	61134-87L00	410C-2	61435-87LD0	420L-12-2
	407A-20-1		420A-1-1		420M-12-2

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
61435-87LF0	420B-12-2	61458-90J00	420M-10-2	61673-93J11	410C-21
	420G-12-2		420A-13		410A-22
	420H-12-2		420B-13		410B-22
61439-87L00	420A-3		420C-13		410C-22
	420B-3		420D-13	61811-87L20-Y5S	410A-3-2
	420C-3		420E-13	61811-87L20-YAY	410A-3-1
	420D-3		420F-13		410B-3
	420E-3		420G-13		410C-3
	420F-3		420H-13	61821-87L21-Y5S	410A-4-2
	420G-3		420J-13	61821-87L21-YAY	410A-4-1
	420H-3		420K-13		410B-4
	420J-3		420L-13		410C-4
	420K-3		420M-13	61827-87L00	410A-9
	420L-3	61472-88L00	136A-6		410B-9
	420M-3	61476-87L00	420A-5		410C-9
61443-88L20	420A-9-1		420B-5	61831-87L20-Y5S	410A-11-2
	420B-9-1		420C-5	61831-87L20-YAY	410A-11-1
	420C-9		420D-5		410B-11
	420D-9		420E-5		410C-11
	420E-9		420F-5	63002-87L13-YAY	570A-1
	420F-9		420G-5	63110-87L12-YAY	444A-2
	420G-9-1		420H-5	63111-88L00-YAY	444A-64
	420H-9-1		420J-5		570A-79
	420J-9		420K-5	63115-88L00	444A-69
	420K-9		420L-5		570A-66
61443-88L30	420L-9-1		420M-5	63121-88L00	444A-16
	420M-9-1	61494-87L01	136A-8		570A-15
	420A-9-2	61610-93J00	420A-6	63132-88L00	444A-76
	420B-9-2		420B-6		570A-71
	420G-9-2		420C-6	63210-88L00	444A-17
	420H-9-2		420D-6		570A-16
61453-88L20	420L-9-2		420E-6	63215-93110	444A-72
	420M-9-2		420F-6		570A-68
	420A-10-1		420G-6	63221-88L00	444A-18
	420B-10-1		420H-6		570A-17
	420C-10		420J-6	63223-92D00	444A-19
	420D-10		420K-6		570A-18
	420E-10		420L-6	63225-88L00	444A-20
	420F-10		420M-6		570A-19
	420G-10-1	61632-93J00	410A-17	63227-93200	444A-21
	420H-10-1		410B-17		570A-20
	420J-10		410C-17	63235-88L00	444A-22
	420K-10	61633-87L00	410A-20		570A-21
	420L-10-1		410B-20	63244-99J00	444A-53
	420M-10-1		410C-20		570A-52
61453-88L30	420A-10-2	61641-87L00	410A-18	63245-99J00	444A-54
	420B-10-2		410B-18		570A-53
	420G-10-2		410C-18	63246-88L00	444A-23
	420H-10-2	61645-87L00	410A-21		570A-22
	420L-10-2		410B-21	63247-99J00	444A-63

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
63248-99J00	570A-78	67200-96L01	508B-1	67238-88L00	545A-31
	444A-31	67211-88L00	544A-17	67238-92E50	518A-32
63250-88L00	570A-30	67211-92E50	517A-29	67239-92E00	518A-33
	444A-24	67212-88L00	544A-7		545A-35
63251-87J00	570A-23	67212-95600	508A-14	67239-92E10	518A-29
	444A-25		508B-13		545A-41
63251-88L90	570A-24	67220-95630	508A-16	67240-92E00	545A-17
	444A-57		508B-15	67240-92E50	518A-16
63258-88L00	570A-72	67221-92E00	545A-8	67241-88L00	545A-34
	444A-60	67221-92E50	518A-7	67241-92E50	518A-42
63260-88L00	570A-75	67222-92E00	545A-2	67241-99E10	508A-21
	444A-26	67222-92E50	518A-2		508B-20
63261-87J00	570A-25	67223-92E00	545A-3	67242-92E50	517A-13
	444A-32	67223-92E50	518A-6	67243-92E00	545A-38
63262-87J00	570A-31	67223-99E10	508A-17	67243-95600	508A-22
	444A-29		508B-16		508B-21
63271-87J00	570A-28	67224-92E00	545A-9	67244-95600	508A-23
	444A-30	67224-92E50	518A-8		508B-22
63272-87J00	570A-29	67225-92E00	518A-25	67245-92E00	518A-22
	444A-27	67225-92E50	518A-9		545A-23
63273-87J00	570A-26	67226-92E00	545A-15	67245-95600	508A-24
	444A-28	67226-92E10	518A-14		508B-23
63274-87J00	570A-27		545A-16	67246-88L00	545A-36
	444A-33	67227-92E00	518A-23	67246-92E50	518A-34
63610-87J00	570A-32		545A-24	67251-92E50	517A-9
	444A-34	67228-92E00	518A-17	67251-99E20	508A-25
63611-88L00	570A-33		545A-18		508B-24
	444A-43	67229-95600	508A-18	67252-88L00	545A-39
63612-87J00	570A-42		508B-17	67252-92E00	518A-35
	444A-44	67230-88L00	545A-20	67252-92E10	518A-38
63612-88L10	570A-43	67230-92E00	518A-19	67252-95600	508A-26
	444A-55	67231-88L00	545A-32		508B-25
63626-88L00	570A-54	67231-92E00	518A-40	67253-88L00	545A-40
	444A-36	67232-88L00	545A-33	67253-92E00	544A-13
65000-95D01	570A-35	67232-92E50	518A-43	67253-92E10	518A-37
	432A-1	67232-95600	508A-19	67253-95600	508A-27
65520-95D01	432A-2		508B-18		508B-26
65561-95D00	432A-3		518A-41		518A-39
65700-90J21	432A-9	67233-92E00	518A-27	67254-92E50	517A-22
65740-95D01	432A-7		545A-26	67255-92E50	517A-8
65750-95500	432A-10	67234-88L00	545A-22	67255-99E10	508A-28
65770-90J12	432A-11	67234-92E00	518A-21		508B-27
65831-95D00	432A-4	67235-92E00	518A-28	67256-92E50	517A-11
65890-95D00	432A-5		545A-27	67256-95600	508A-29
65892-95D00	432A-6	67236-92E00	518A-30		508B-28
67200-88L00	544A-1		545A-12	67257-88L00	544A-9
	545A-1	67237-92E01	518A-31	67257-92E00	517A-12
67200-93J33	517A-1		545A-28	67257-99E10	508A-30
	518A-1	67238-87D00	508A-20		508B-29
67200-93J51	508A-1		508B-19	67258-99E00	508A-31

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
67259-87D00	508B-30	67291-92E10	545A-7	67346-87L00	410A-34
	508A-32		518A-36		410B-34
67261-88L00	508B-31	67292-87J00	545A-37		410C-34
	544A-3		444A-37	67350-87L01	410A-36
67261-88L10	544A-2		570A-36		410B-36
67261-92E50	517A-10	67292-94300	508A-39		410C-36
67261-99E10	508A-33		508B-38	67361-90J10	410A-41
67264-88L00	508B-32		518A-3		410B-42
	544A-18		545A-5		410C-41
67264-88L10	544A-19	67294-92E00	518A-11	67467-89J01	442A-7
67264-95600	508A-35	67294-95600	508A-40		442B-8
67267-93J00	508B-34		508B-39	67500-88L00	519A-1
	508A-36	67295-92E10	517A-4		544A-20
	508B-35	67295-92E50	517A-18	67700-87L01	442B-1
67269-92E00	545A-29	67296-88D10	517A-15	67701-87L01	442A-2
67271-88L10	544A-16		518A-24		442B-3
67272-88L00	545A-6		545A-13	67721-87L00	442A-3
67273-88L00	519A-5		545A-30		442B-4
	544A-24	67296-88D20	517A-17	67725-99E20	442A-4
	545A-47	67296-88D30	517A-21		442B-5
67273-95600	508A-37	67296-88L00	544A-5	67726-99E00	442A-5
	508B-36	67296-90J10	508A-41		442B-6
	517A-25		508B-40	67728-99E00	442A-6
	544A-15	67296-92E11	508A-15		442B-7
67274-88L00	545A-42		508B-14	68110-87L01	420A-16
67274-92E50	517A-28		518A-13		420B-16
67275-95600	508A-38	67296-92E20	518A-15		420C-16
	508B-37		545A-14		420D-16
	517A-24	67296-92E30	545A-44		420E-16
	544A-14	67296-92E60	544A-11		420F-16
67281-88L00	544A-10	67296-94300	508A-42		420G-16
67282-94L00	508A-52		508B-41		420H-16
	508B-51	67296-94310	508A-34		420J-16
67283-92E50	517A-26		508B-33		420K-16
67284-92E50	517A-27		517A-3		420L-16
67284-94L00	508A-53	67296-95600	508A-43		420M-16
	508B-52		508B-42	68111-87L00	420A-11
67285-96L00	508B-53	67296-95610	508A-44		420B-11
67286-92E00	518A-18		508B-43		420C-11
	545A-19		545A-43		420D-11
67287-92E00	545A-46	67297-95600	508A-45		420E-11
67287-92E50	517A-19		508B-44		420F-11
67288-92E00	545A-4	67298-92E50	517A-2		420G-11
67288-92E10	518A-4	67300-98J10	410B-41		420H-11
67288-92E20	517A-14	67341-87L00	410A-31		420J-11
	544A-6		410B-31		420K-11
67288-92E60	517A-6		410C-31		420L-11
	544A-12	67345-87L00	410A-33		420M-11
67288-92E70	517A-16		410B-33	68111-88L00	544A-8
67291-92E00	518A-5		410C-33	69711-93E10	136A-7

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
70000		326B-5		410C-32	
		326B-13		420A-4	
		326C-5		420B-4	
		326C-13		420C-4	
		326D-5		420D-4	
77811-54GB0-0PG	508A-46 508B-45	326D-13		420E-4	
		326E-5		420F-4	
		326E-13		420G-4	
		326F-5		420H-4	
		326F-13		420J-4	
90000		326G-5		420K-4	
		326G-13		420L-4	
		326H-5		420M-4	
		326H-13		119A-12	
		121A-6		111A-28	
99011-87L60-054	420A-15-1 420E-15-1 420G-15-1 420L-15-1	121B-6		111B-28	
		121C-6		310A-9	
		113A-13		401A-15	
		143A-33		401B-15	
		143B-33		111A-19	
99011-87L60-059	420A-15-2 420B-15 420C-15 420D-15 420E-15-2 420F-15 420G-15-2	146A-18		111B-19	
		146B-19		146A-2	
		180A-20		146B-2	
		180B-20		310A-2	
		303A-11		310A-5	
	420H-15 420J-15 420K-15 420L-15-2 420M-15	322A-32		140A-3	
		322B-32		136A-2	
		326A-5		162A-7	
		420A-8		162B-7	
		420B-8		163A-14	
		420C-8		163B-14	
		420D-8		163C-14	
		420E-8		204A-11	
		420F-8		111A-20	
		420G-8		111B-20	
00000		420H-8		163A-3	
		420J-8		163B-3	
		420K-8		163C-3	
		420L-8		163A-5	
		420M-8		163B-5	
01421-08257	122A-4 410A-27 410B-27 410C-27 410A-28	175A-7		163C-5	
		146A-9		301A-19	
		146B-10		111A-9	
		163A-4		111B-9	
		163B-4		113A-2	
01550-0516C	410B-28 410C-28	163C-4		140A-8	
		301A-18		410A-10	
		303A-9		410B-10	
		410A-32		410C-10	
		410B-32		119A-6	

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
01550-0825C	401A-22 401B-22 144A-12 144B-12	08310-00067	322A-17	09116-06236	405A-11
			322B-17		405B-11
		08316-10087	146B-21	09116-08122	220A-29
			322A-2		220B-29
			322B-2	09116-08128	180A-10
01550-08307	175A-13 122A-5 163A-15 163B-15 163C-15		122A-7		180B-10
		08316-1008C	322A-18		401A-5
		08321-01067	322B-18		401B-5
		08331-41359	204A-23	09116-08137	335A-6
		08332-1107A	206A-4		335B-6
01550-0835A	119A-9 301A-20 111A-12 111B-12 113A-10	09100-08232	508A-47		401A-33
			508B-46		401B-33
		09100-12090	335A-10-2		407A-5
			335B-10-2		407B-5
		09100-12091	335A-10-1		444A-65
01550-0845C	122A-6 410A-38 410B-38 410C-38 143A-15		335B-10-1		570A-62
		01570-06127			
			09103-06093	09116-08159	401A-6
			09103-06211		401B-6
		02112-0408A	09103-06220	09116-08163	410A-12
02112-0612A	111A-22 111B-22 122A-9 143A-24 322A-23 322B-23		111A-2		410B-12
			111B-2		410C-12
		09103-06281	111A-8	09116-10129	180A-15
			111B-8		180B-15
			140A-7	09116-10137	407A-16
02162-05207	315A-4 501A-25 501B-25 530A-28 530A-14		144A-6		407B-16
			144B-6	09116-10147	401A-31
		03112-0630B	407A-9		401B-31
			407B-9	09116-10150	407A-17
		03121-0516A	303A-2		407B-17
03122-05165	530A-14 535A-12 444A-62 570A-77 136A-4	09106-05030	303A-7		444A-74
		09108-10115	405A-5		570A-69
			405B-5	09116-10179	337A-26
		09108-10156	336A-18	09116-10181	180A-16
			336B-18		180B-16
03542-06209	401A-8 401A-9 401B-8 401B-9 111A-13	09108-10157	405A-6		401A-30
			405B-6		401B-30
		09116-05010	204A-12		405A-2
		09116-06121	162A-8		405A-21
			162B-8		405B-2
04211-13189	111B-13 116A-6 121A-7 121B-7 121C-7		180A-7		405B-21
			180B-7	09117-08110	220A-33
		04221-04089	335A-9		220B-33
		04221-05109	335B-9	09125-04004	518A-26
			410A-19	09125-04021	517A-7
06111-07004	220A-21 220B-21 220A-22 220B-22 220A-28	09116-06127	410B-19	09125-05042	518A-20
			410C-19		545A-21
		09116-06202	310A-4	09125-05046	315A-7
		09116-06215	134A-4	09125-05047	444A-42
		09116-06217	143A-26		570A-41
08113-60087	220B-28 220B-28		143B-26	09125-05050	337A-28

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
09125-05135	519A-2		544A-23		570A-64
09125-06063	544A-21	09140-06020	508A-49	09160-12110	335A-12
	336A-9		508B-48		335B-12
	336A-10		518A-10		401A-28
	336A-11		545A-10		401B-28
	336A-26	09140-10031	407A-18	09160-12124	444A-68
	336B-9		407B-18		570A-65
	336B-10	09140-10032	336A-27	09160-12128	335A-13
	336B-11		336B-27		335B-13
	336B-26		336C-23		410A-23
	336C-9		220A-10		410B-23
	336C-10	09140-14024	220B-10		410C-23
	336C-11		407A-24	09160-16047	303A-3
	336C-22		407B-24		407A-26
	337A-24		336A-19		407B-26
09126-05003	508A-48	09159-10050	336B-19	09160-18031	401A-10
	508B-47		335A-11		401B-10
	545A-25		335B-11		336A-12
	444A-38		401A-27		336B-12
09126-06006	570A-37	09159-12014	401B-27		336C-12
	530A-33		405A-15	09161-16008	160A-12
	160A-15		405B-15		160B-12
	160B-15		444A-66		160C-12
09131-05004	160C-15	09159-22006	570A-63		160D-12
	160D-15		335A-7		160E-12
	160E-15		335B-7		160F-12
	160F-15		545A-45		160G-12
09132-04034	160G-15	09160-05024	519A-3		160H-12
	160H-15		544A-22	09163-06001	444A-39
			163A-12		570A-38
			163B-12		444A-70
09136-06148	410A-5	09160-06046	163C-12	09164-13010	570A-67
	410B-5		442A-9		410A-24
	410C-5		442B-10		410B-24
	410A-6	09160-06055	336A-28		410C-24
09136-06149	410B-6		336B-28	09164-31001	220A-36
	410C-6		336C-24		220B-36
			163A-6		407A-7
			163B-6		407B-7
09136-06161		09160-06084	163C-6	09168-10034	180A-13
	410A-7		508A-50		180B-13
	410B-7		508B-49		175A-4
	410C-7		517A-20		322A-21
09137-04004	326A-2	09160-09019	204A-8	09168-12012	322B-21
	326B-2		204A-14		111A-29
	326C-2		336A-20		111B-29
	326D-2		336B-20		310A-6
	326E-2	09160-10141	407A-19	09169-06075	134A-5
	326F-2		407B-19		143A-27
	326G-2		444A-67		143B-27
	326H-2				
09140-05005	163A-11	09160-12066			
	163B-11				
	163C-11				
	519A-4				

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
09169-08039	410A-13	09181-40012	220A-12-10	09181-64010	220A-14-9
	410B-13		220B-12-10		220B-14-9
09169-28003	410C-13	09181-40013	220A-12-11	09181-64011	220A-14-10
	336A-13		220B-12-11		220B-14-10
	336B-13		220A-12-1		410A-25
	336C-13		220B-12-1		410B-25
09180-06186	163A-13	09181-40186	220A-9-1	09202-06031	410C-25
	163B-13		220B-9-1		160A-13
	163C-13		220A-9-7		160B-13
	220A-23		220B-9-7		160C-13
09181-25030	220B-23	09181-40195	220A-9-11		160D-13
	220A-11-6		220B-9-11		160E-13
	220B-11-6		220A-9-2		160F-13
	220A-11-7		220B-9-2		160G-13
09181-25072	220B-11-7	09181-41003	220A-9-3		160H-13
	220B-11-8		220B-9-3	09202-07003	220A-18
	220B-11-9		220A-9-4		220B-18
	220B-11-9		220B-9-4		401A-7
09181-25073	220B-11-9	09181-41004	220A-9-5	09202-08006	401B-7
	220A-11-1		220B-9-5		405A-3
	220B-11-1		220A-9-6		405A-7
	220A-11-2		220B-9-6		405B-3
09181-25139	220B-11-2	09181-41008	220A-9-8		405B-7
	220A-11-3		220B-9-8		407A-3
	220B-11-3		220A-9-9		407B-3
	220A-11-4		220B-9-9	09204-01006	204A-9
09181-25143	220B-11-4	09181-41010	220A-9-10		204A-15
	220A-11-5		220B-9-10		336A-29
	220B-11-5		220A-9-12		336B-29
	220A-37		220B-9-12		336C-25
09181-31001	220B-37	09181-41012	220A-9-13	09204-03003	407A-25
	336A-14		220B-9-13		407B-25
	336B-14		220A-9-14	09205-05011	220A-3
	336C-14		220B-9-14		220B-3
09181-39001	220A-12-2	09181-41014	220A-14-1		204A-19
	220B-12-2		220B-14-1	09205-10008	111A-3
	220A-12-3		220A-14-2		111B-3
	220B-12-3		220B-14-2		113A-9
09181-40004	220A-12-4	09181-64002	220A-14-3	09206-13019	410A-42
	220B-12-4		220B-14-3		410B-43
	220A-12-5		220A-14-4		410C-42
	220B-12-5		220B-14-4	09208-06009	175A-14
09181-40005	220A-12-6	09181-64003	220A-14-5		407A-6
	220B-12-6		220B-14-5		407B-6
	220A-12-7		220A-14-6		180A-14
	220B-12-7		220B-14-6		180B-14
09181-40006	220A-12-8	09181-64004	220A-14-7	09246-05006	204A-16
	220B-12-8		220B-14-7		401A-11
	220A-12-9		220A-14-8		401B-11
	220B-12-9		220B-14-8		113A-6

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
09248-18014	113A-7		336C-15		507A-3
09260-10005	204A-20	09283-52006	116A-12	09352-70103-600	410A-37
09260-10006	444A-56	09289-05012	121A-16		410B-37
	570A-55		121B-16		410C-37
09262-17019	401A-16		121C-16	09355-11165-600	111A-23
	401B-16	09289-18001	401A-17		111B-23
09262-32008	119A-2		401B-17	09355-40805-00B	407A-13
09262-35070	119A-3	09306-13007	410A-26		407B-13
09263-25067	220A-6		410B-26		501A-27
	220A-25		410C-26		501B-27
	220B-6	09307-09002	204A-10	09362-09008	407A-14
	220B-25		204A-17		407B-14
09263-26023	407A-2	09320-04009	322A-22	09367-06006	507A-4
	407B-2		322B-22	09380-22015	337A-22
09265-25046	220A-4	09320-08021	322A-5	09380-38003	336A-16
	220B-4		322B-5		336B-16
09265-40003	220A-7	09320-08062	144A-9		336C-16
	220B-7		144B-9	09381-18002	116A-4
09280-08012	144A-7	09320-09016	111A-30	09381-40005	405A-8
	144B-7		111B-30		405B-8
09280-09008	180A-19		136A-3	09383-04002	410A-43
	180B-19		310A-7		410B-44
09280-11001	401A-13	09320-09039	134A-6		410C-43
	401B-13	09320-11013	410A-14	09385-06012	442A-8
09280-17002	175A-6		410B-14		442B-9
09280-20002	401A-14		410C-14	09401-08412	143A-30
	401B-14	09321-08022	410A-8		143B-30
09280-22019	111A-6		410B-8	09401-08413	162A-15
	111B-6		410C-8		162B-15
	140A-5	09329-10022	420A-7		507A-5
09280-26005	146A-3		420B-7	09401-11423	146A-6
	146B-3		420C-7		146A-15
09280-26006	111A-16		420D-7		146B-16
	111B-16		420E-7		432A-8
	162A-9		420F-7	09401-11425	144A-10
	162B-9		420G-7		144B-10
09280-46004	220A-31		420H-7	09401-15414	111A-25
	220B-31		420J-7		111B-25
09280-55006	206A-8		420K-7		113A-11
09280-92004	220A-26		420L-7		162A-12
	220B-26		420M-7		162B-12
09282-08005	206A-9	09343-70503-600	146A-12	09401-26408	162A-10
09282-22007	220A-32		146B-13		162B-10
	220B-32	09352-50003-490	143A-29	09403-07308	322A-29
	401A-18		143B-29		322B-29
	401B-18	09352-50903-600	162A-13	09403-07338	315A-15
09282-25001	220A-27		162A-14	09403-11320	146A-17
	220B-27		162B-13		146B-18
09282-39001	336A-15		162B-14		410A-39
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09403-11321	322A-33	09408-00024	322A-31		501B-2
	322B-33		322B-31	09481-05501	600A-16
	326A-9	09408-00155	111A-26		600A-18
	326B-9		111B-26		601A-10
	326C-9	09408-00233	144A-11		602A-17
	326D-9		144B-11		602A-19
	326E-9	09409-10304-5ES	410A-35	09481-10501	322A-11
	326F-9		410B-35		322B-11
	326G-9		410C-35		508A-55
	326H-9	09420-04008	303A-4		508B-55
09403-12320	143A-32	09420-04009	160A-14		521B-3
	143B-32		160B-14	09481-15501	322A-38
09403-12409	322A-34		160C-14		322B-38
	322B-34		160D-14	09481-30501	322A-12
09403-13408	303A-10		160E-14		322B-12
09403-19409	315A-16		160F-14	09481-40401	322A-13
09403-20301	303A-13		160G-14		322B-13
09407-08401	530A-8		160H-14	09482-00446	111A-31
	530A-30	09440-06037	444A-61		111B-31
	535A-11		570A-76	09800-81841	420A-14
09407-10404	326A-10	09440-07071	204A-21		420B-14
	326B-10	09440-09043	220A-19		420C-14
	326C-10		220B-19		420D-14
	326D-10	09440-12027	444A-40		420E-14
	326E-10		570A-39		420F-14
	326F-10	09440-19028	336A-30		420G-14
	326G-10		336B-30		420H-14
	326H-10		336C-26		420J-14
	407A-15	09440-42002	220A-20		420K-14
	407B-15		220B-20		420L-14
	501A-28	09443-10043	336A-31		420M-14
	501B-28		336B-31		
09407-11401	162A-16		336C-27		
	162B-16	09471-12028	501A-4		
09407-14407	315A-19		501B-4		
	322A-30	09471-12077	460A-6		
	322B-30		501A-21		
	331A-9		501A-30		
	501A-6		501B-21		
	501A-18	09471-12103	460A-4		
	501B-6		501A-9		
	501B-18		501A-13		
	535A-27		501A-15		
09407-25402	410A-30		501A-19		
	410B-30		501B-9		
	410C-30		501B-13		
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