

SUZUKI

PARTS CATALOGUE

DF60A

DF40A

DF40AQH

DF40AS

DF50A

DF50ATH

DF60A

'10MODEL~

DF60ATH

'10MODEL~

DF60AWT

'10MODEL~

DF60AWTH

'10MODEL~

DF60AQH

DF60AWQH

OUTBOARD MOTOR

2010-6

2ND EDITION



Way of Life!

This part catalogue supersedes all the following parts catalogues with immediate effect.

Model of catalogue	Parts catalogue No.
DF60A '10MODEL	9900B-45215

**INFORMATION
ILLUSTRATION INDEX**

1

ENGINE

2

TRANSMITTING

3

ELECTRICAL

4

EXTERIOR

5

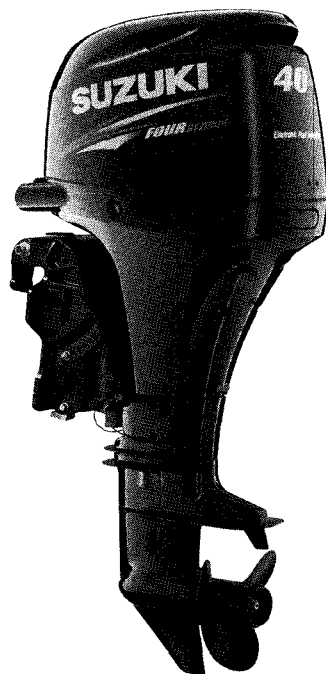
OPTION

6

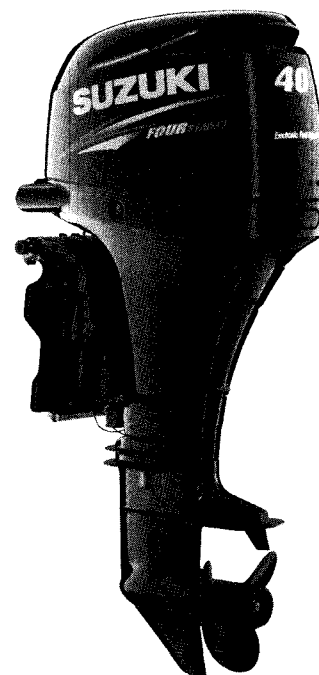
PARTS NUMBER INDEX

7

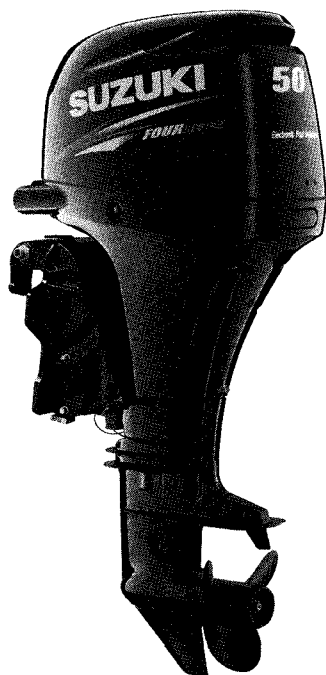
DF40A



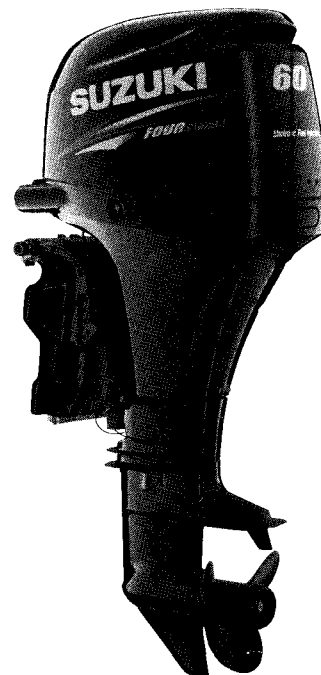
DF40AS



DF50A



DF60A ('10 MODEL~)



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 DF40A/50A/60A '10MODEL and later.

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	S, L	: Transom type
RH(STBD)	: Right hand side	SUS	: Stainless steel
-031234	: Up to E. No. 06002F-031234	PTT	: Power trim and tilt
031234~	: From E. No. 06002F-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".

7. MODEL NAME AND ENGINE NUMBER

MODEL	YEAR'S	TYPE	TRANSOM	ENGINE No.
DF40ATL		04003F	S,L	04003F-110001~
DF40AQL		04003F	L	04003F-110001~
DF50ATL		05003F	S,L	05003F-110001~
DF50ATHL		05003F	L	05003F-110001~
DF60ATLK10	'10	06002F	S,L,X	06002F-010001~
DF60ATHLK10	'10	06002F	L,X	06002F-010001~
DF60ATL		06002F	S,L,X	06002F-010001~
DF60ATHL		06002F	L,X	06002F-010001~
DF60AWTLK10	'10	06002F	L,X	06002F-010001~
DF60AWTHLK10	'10	06002F	L,X	06002F-010001~
DF60AWTL		06002F	L,X	06002F-110001~
DF60AWTHL		06002F	L,X	06002F-110001~
DF60AWQHL		06002F	L,X	06002F-110001~
DF40ASTS(E34)		04004F	S,L	04004F-110001~

MILLIMETER→INCH CONVERSION CHART
 TABLEAU DE CONVERSION DE MILLIMETRES→POUCES
 CUADRO DE CONVERSION A UNIDAD DE MILIMETRO→PULGADA
 MILLIMETER→ZOLL UMRECHNUNGSTABELLE

	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
 Mode de lecture
 Modo de leer
 Anleitung

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

23 millimeters equal 0.906 inch
 23 millimètres égalent 0.906 pouce
 23 milímetros=0.906 pulgada
 23 millimeter entspricht 0.906 zoll

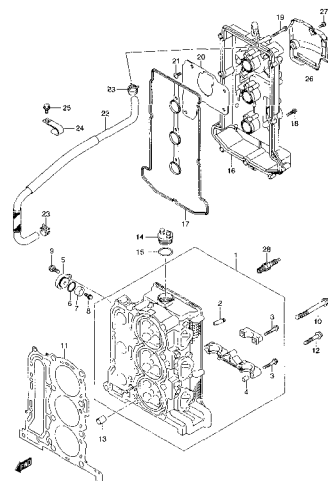
Contents are subject to change without notice or obligation.

Les matières traitées sont susceptibles d'être modifiées sans préavis obligation de notre part.

El contenido está sujeto a modificaciones sin previo aviso.

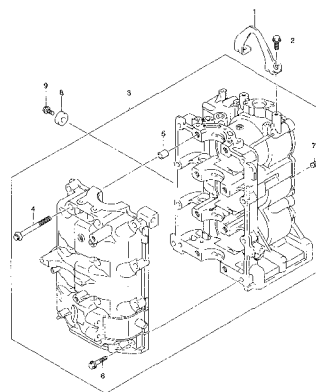
Änderungen vorbehalten.

FIG.1 CYLINDER HEAD (B-2)



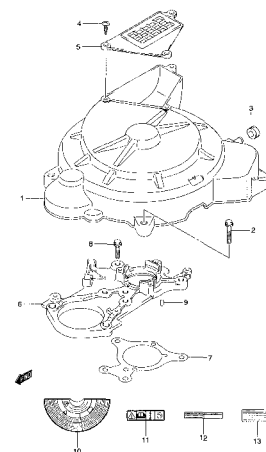
DF60A E01_001
CYLINDER HEAD

FIG.2 CYLINDER BLOCK (B-3)



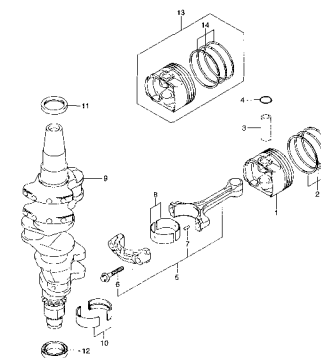
DF60A E01_002
CYLINDER BLOCK

FIG.3 RING GEAR COVER (B-4)



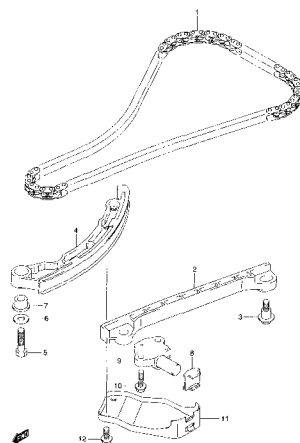
DF60A E01_003
RING GEAR COVER

FIG.4 CRANKSHAFT (B-5)



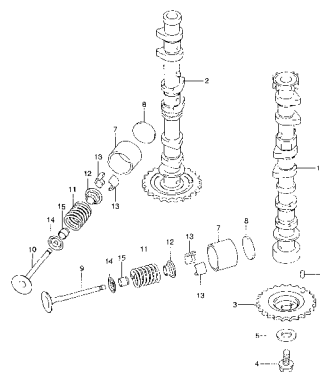
DF60A E01_004
CRANKSHAFT

FIG.5 TIMING CHAIN (B-6)



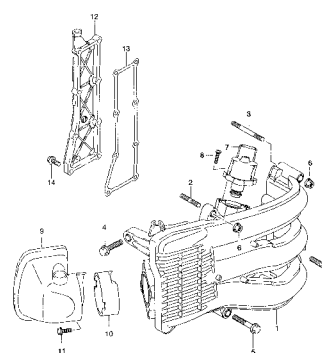
DF60A E01_005
TIMING CHAIN

FIG.6 CAMSHAFT (B-7)



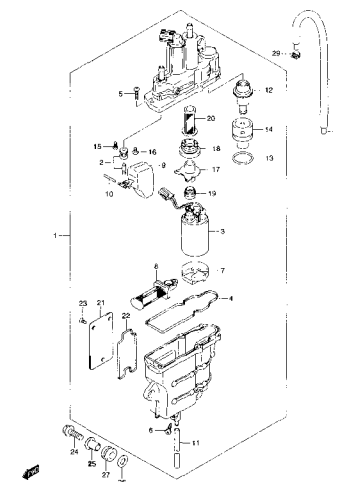
DF60A E01_006
CAMSHAFT

FIG.7 INTAKE MANIFOLD / SILENCER / EXHAUST COVER (B-9)



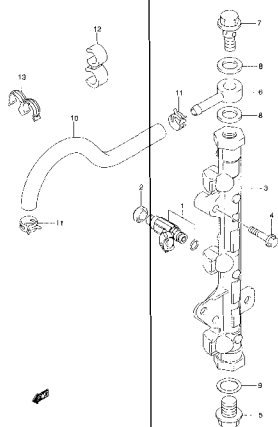
DF60A E01_007
INTAKE MANIFOLD/SILENCER/EXH. COVER

FIG.8 FUEL VAPOR SEPARATOR (C-2)



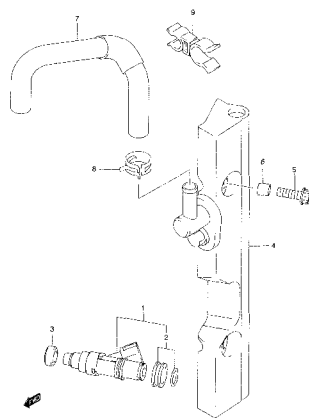
DF60A E01_008
FUEL VAPOR SEPARATOR

FIG.9 FUEL INJECTOR (DF60A,DF40AS) (C-4)



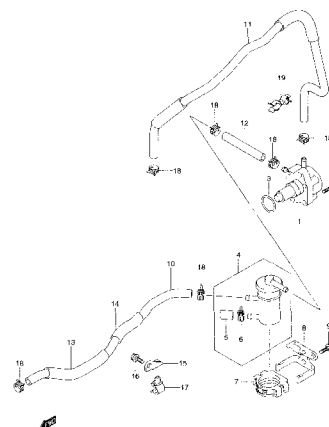
DF60A ED1_009
FUEL INJECTOR (DF60A)

FIG.10 FUEL INJECTOR (DF40A/50A) (C-5)



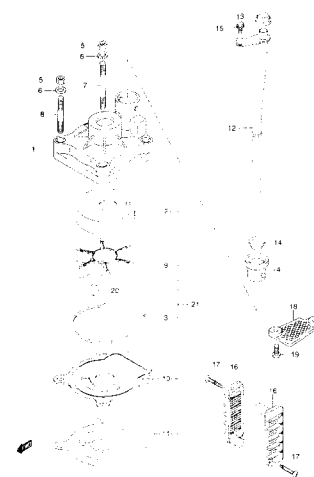
DF60A ED1_010
FUEL INJECTOR (DF40A/DF50A)

FIG.11 FUEL PUMP (C-6)



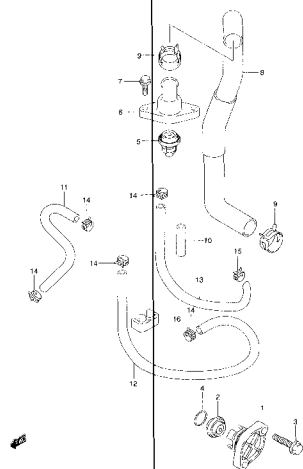
DF60A ED1_011
FUEL PUMP

FIG.12 WATER PUMP (C-7)



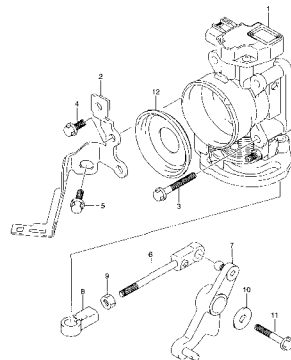
DF60A ED1_017
WATER PUMP

FIG.13 THERMOSTAT (C-8)



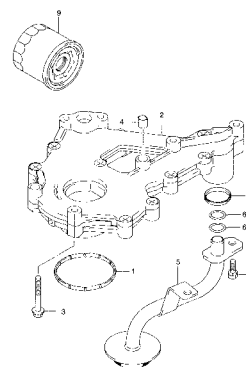
DF60A ED1_013
THERMOSTAT

FIG.14 THROTTLE BODY (C-9)



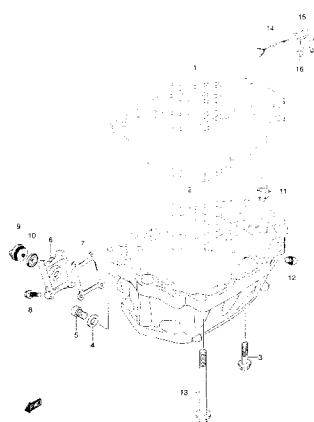
DF60A ED1_014
THROTTLE BODY

FIG.15 OIL PUMP (C-10)



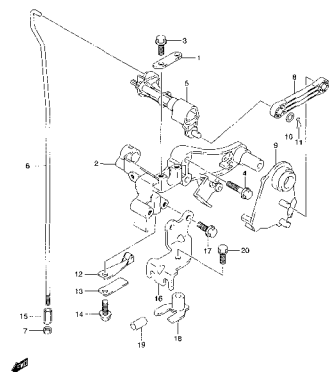
DF60A ED1_015
OIL PUMP

FIG.16 OIL PAN (C-11)



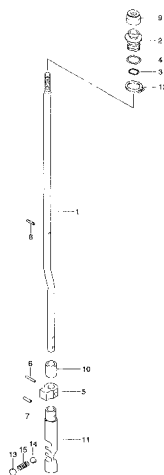
DF60A ED1_016
OIL PAN

FIG.17 CLUTCH SHAFT (D-2)



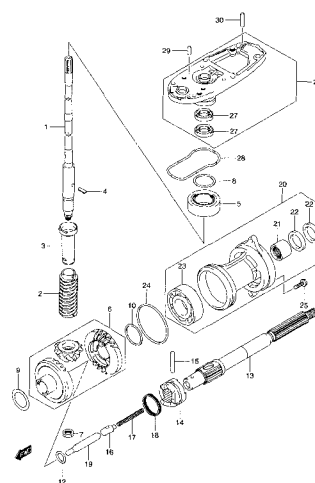
DF60A E01_017
CLUTCH SHAFT

FIG.18 CLUTCH ROD (D-3)



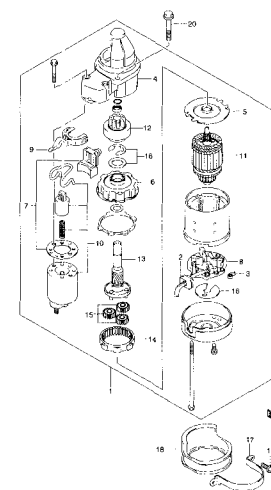
DF60A E01_018
CLUTCH ROD

FIG.19 TRANSMISSION (D-4)



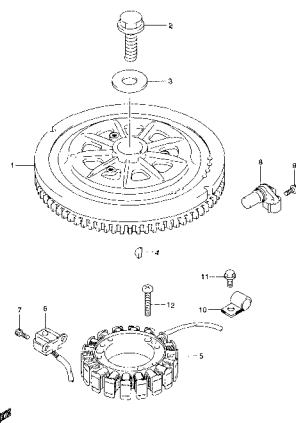
DF60A E01_019
TRANSMISSION

FIG.20 STARTING MOTOR (E-2)



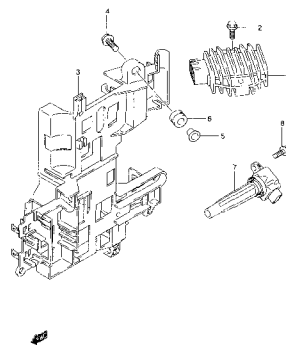
DF60A E01_020
STARTING MOTOR

FIG.21 MAGNETO (E-3)



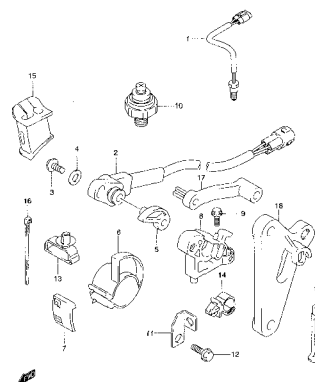
DF60A E01_021
MAGNETO

FIG.22 RECTIFIER / IGNITION COIL (E-4)



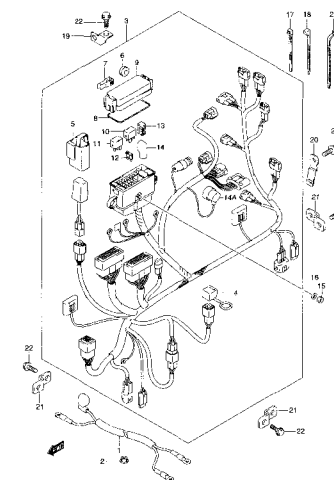
DF60A E01_022
RECTIFIER/IGNITION COIL

FIG.23 SENSOR (E-5)



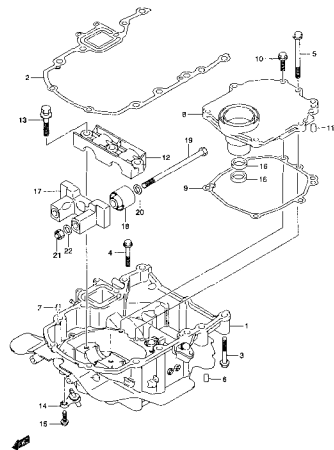
DF60A E01_023
SENSOR

FIG.24 HARNESS (E-6)



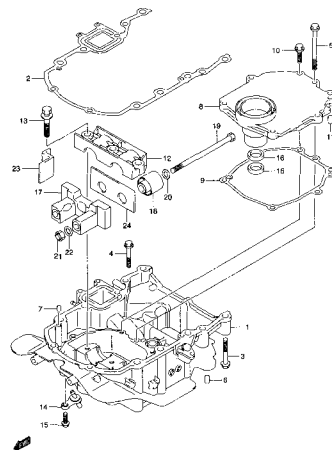
DF60A E01_024
HARNESS

FIG.33 ENGINE HOLDER (DF60A,DF40AS)
(F-11)



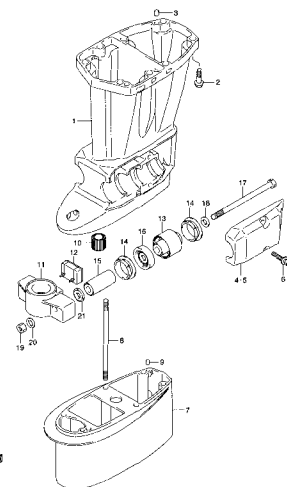
DF60A E01_033
ENGINE HOLDER (DF60A,DF40AS)

FIG.34 ENGINE HOLDER (F-12)



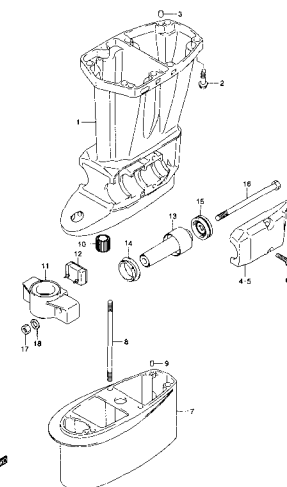
DF60A E01_034
ENGINE HOLDER (DF40A/50A,QH)

FIG.35 DRIVE SHAFT HOUSING (DF60A,DF40AS)
(F-13)



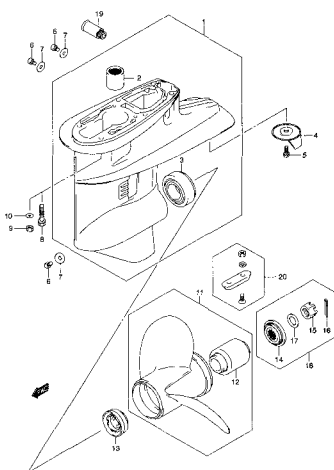
DF60A E01_035
DRIVE SHAFT HOUSING (DF60A,DF40AS)

FIG.36 DRIVE SHAFT HOUSING (F-14)



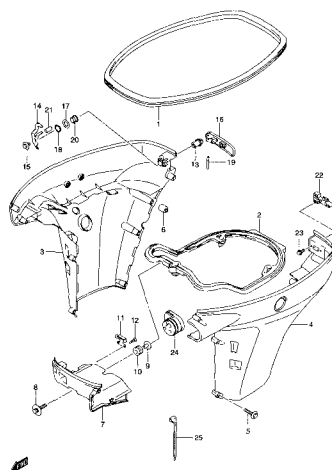
DF60A E01_036
DRIVE SHAFT HOUSING (DF40A/50A,QH)

FIG.37 GEAR CASE (F-15)



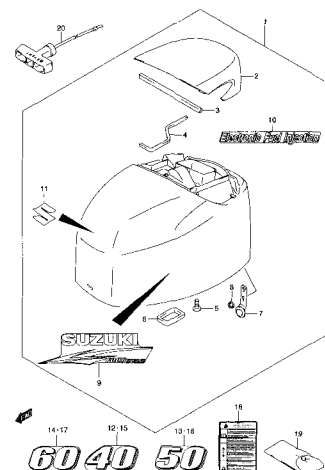
DF60A E01_037
GEAR CASE

FIG.38 SIDE COVER (G-2)



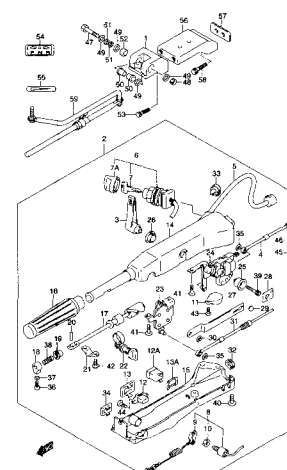
DF60A E01_038
SIDE COVER

FIG.39 ENGINE COVER (G-3)



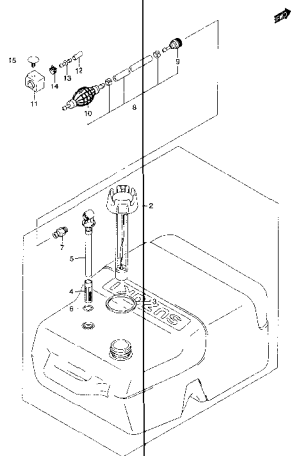
DF60A E01_039
ENGINE COVER

FIG.40 TILLER HANDLE (TYPE:TH/QH) (G-4)



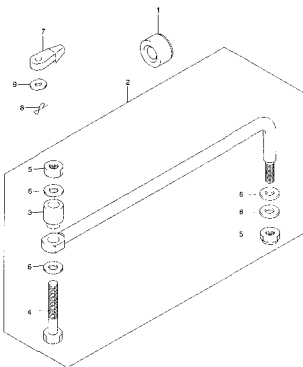
DF60A E01_040
TILLER HANDLE (TYPE:TH)

FIG.41 FUEL TANK (PLASTIC) (G-7)



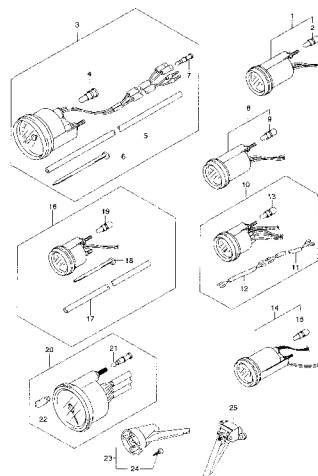
DF60A E01_041
FUEL TANK (PLASTIC)

FIG.42 DRAG LINK (G-8)



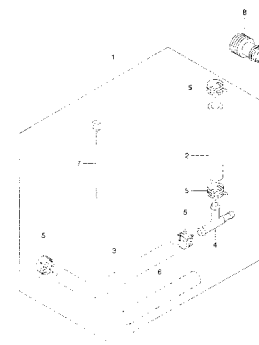
DF60A E01_042
DRAG LINK (TYPE-R)

FIG.43 OPT:METER (H-2)



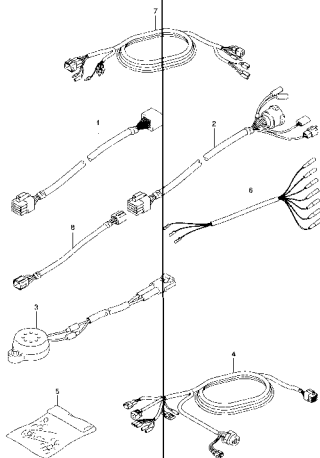
DF60A E01_043
OPT : METER

FIG.44 OPT:WATER PRESSURE GAUGE SUB KIT (H-4)



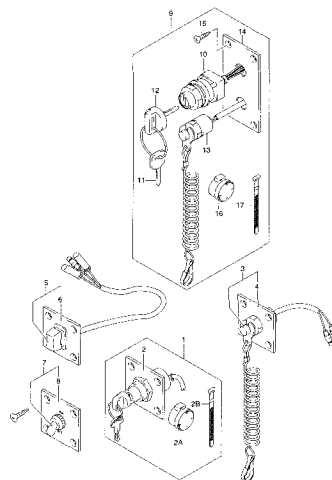
DF60A E01_044
OPT : WATER PRESS GAUGE SUB KIT

FIG.45 OPT:HARNESS (H-5)



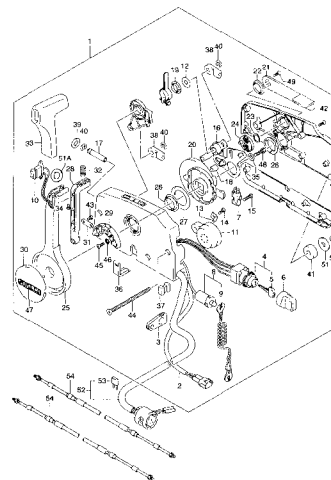
DF60A E01_045
OPT : HARNESS

FIG.46 OPT:SWITCH (EXCEPT TYPE:TH/QH) (H-6)



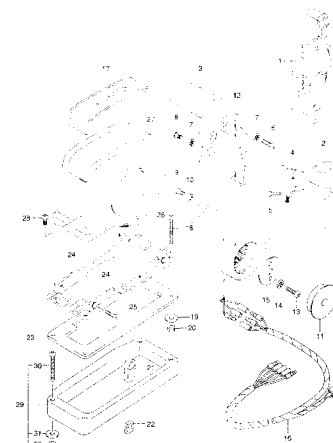
DF60A E01_046
OPT : SWITCH (EXCEPT TYPE:TH)

FIG.47 OPT:REMOTE CONTROL (H-7)



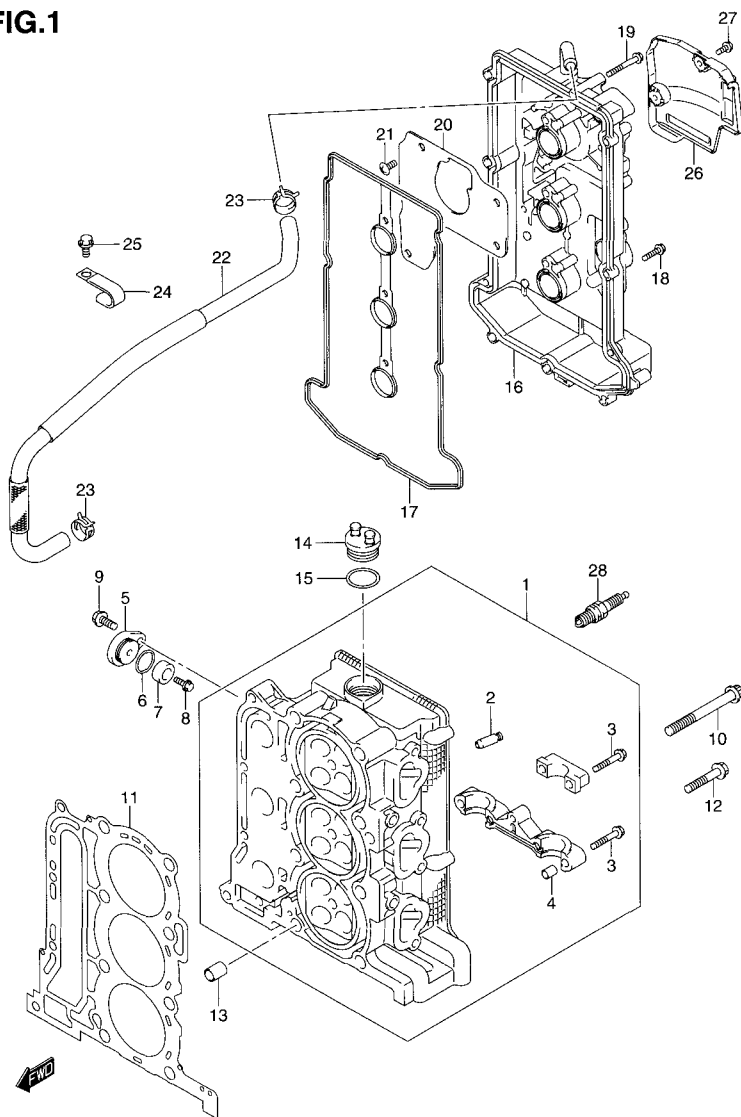
DF60A E01_047
OPT : REMOTE CONTROL

FIG.48 OPT:TOP MOUNT SINGLE (1) (H-10)



DF60A E01_048
OPT : TOP MOUNT SINGLE (1)

FIG.1



DF60A E01_001
CYLINDER HEAD

FIG.1 (B-2) CYLINDER HEAD

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	11100-88L00	HEAD ASSY, CYLINDER	1	
2	11115-73G01-001	·GUIDE, VALVE	12	
3	09103-06266	·BOLT, CAMSHAFT HSG (6X40)	17	
4	09206-08001	·PIN	14	
5	11261-93J00	COVER, PROTECTION ANODE	2	
6	09280-22019	O RING (D:1.9, ID:21.8)	2	
7-1	55321-87J00	ANODE, PROTECTION	2	OPT
7-2	55321-87J10	ANODE (MAGNESIUM)	1	
8	09103-06281	BOLT, PROTECTION ANODE (6X14)	2	
9	01550-08207	BOLT	2	
10	11119-87J00	BOLT, CYLINDER HEAD (10X95)	8	
11	11141-88L00	GASKET, CYLINDER HEAD	1	
12	01550-08457	BOLT, CYLINDER HEAD NO.2	4	
13	04211-13189	PIN	2	
14	11382-99E00	CAP, OIL FILLER	1	
15	09280-26006	O RING, OIL FILLER CAP (D:3.1, ID:26.4)	1	
16	11170-88L00	COVER, CYLINDER HEAD	1	
17	11189-88L00	GASKET, CYLINDER HEAD COVER	1	
18	01547-06257	BOLT	9	
19	01547-06457	BOLT	3	
20	11173-88L00	PLATE, BREATHER	1	
21	02142-0612A	SCREW, BRATHER PLATE	4	
22	11174-88L00	HOSE, BREATHER	1	
23	09401-15414	CLIP, BREATHER HOSE	2	
24	09403-17303	CLAMP, BREATHER HOSE	2	
25	01550-06127	BOLT, BREATHER HOSE CLAMP	2	
26-1	11194-88L00	GUARD, FUEL HOSE	1	→11194-88L10 USED WITH 15192-88L11
26-2	11194-88L10	GUARD, FUEL HOSE	1	DF60A:011616~
27	01550-06167	BOLT, HOSE GUARD	2	
28	09482-00446	SPARK PLUG (DCPR6E)	3	

FIG.2

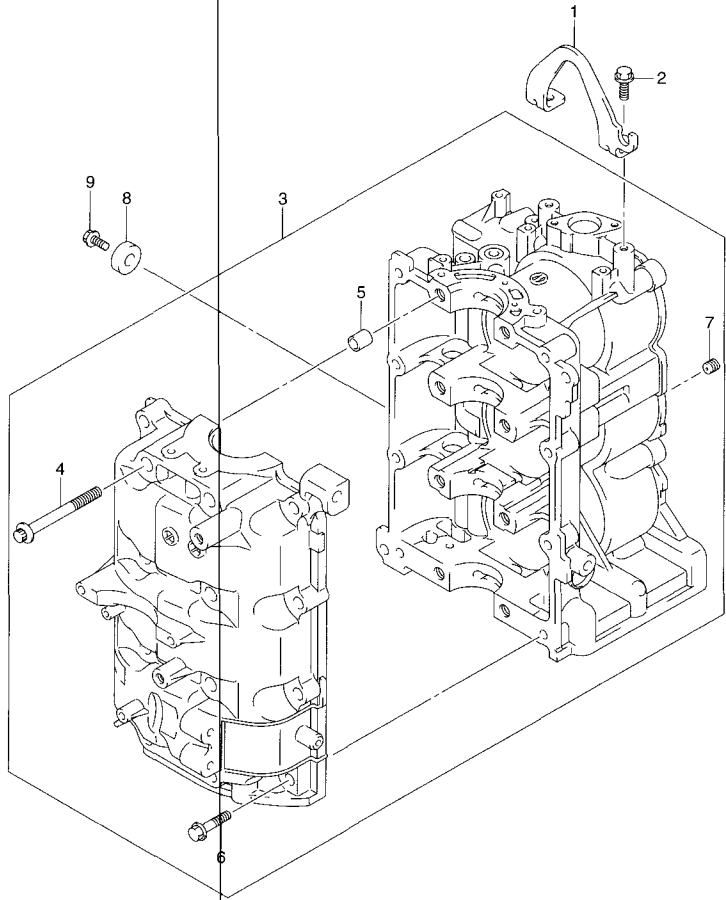


FIG.2 (B-3) CYLINDER BLOCK

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	11291-88L00	HOOK, ENGINE	1	
2	01550-08207	BOLT	2	
3	11301-88L00	BLOCK ASSY, CYLINDER	1	
4	11117-89J20	·BOLT, CRANKCASE INSIDE	8	
5	09206-13019	·PIN	4	
6	01550-08407	·BOLT, OUTSIDE	8	
7	11112-88L00	·PLUG, OIL VENTURI	1	
8-1	55321-87J00	ANODE, PROTECTION	1	
8-2	55321-87J10	ANODE (MAGNESIUM)	1	OPT
9	09103-06281	BOLT, PROTECTION ANODE (6X14)	1	

2

FIG.3

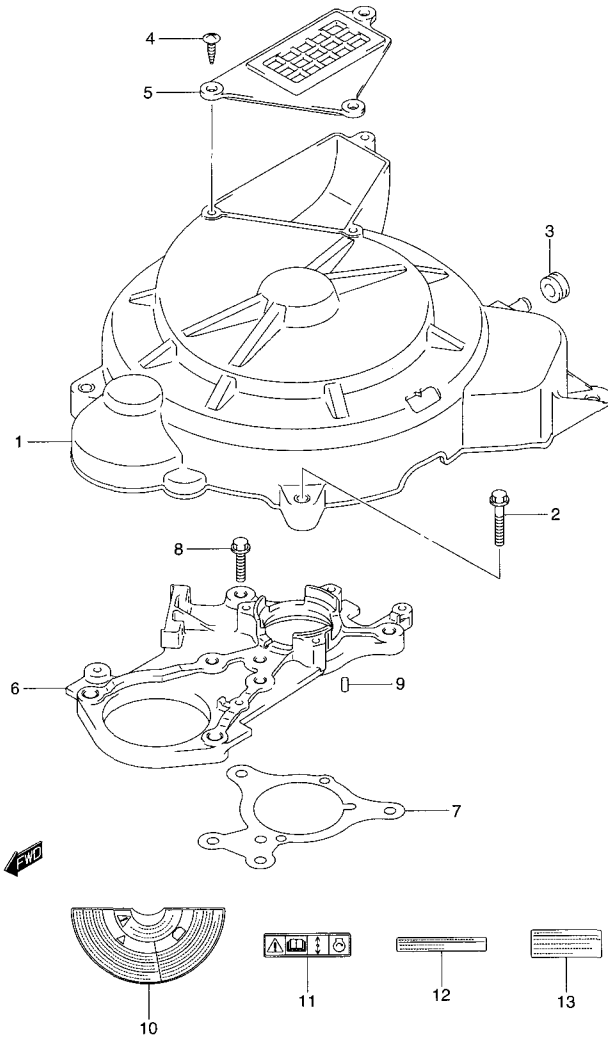


FIG.3 (B-4) RING GEAR COVER

REF. NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	11510-88L00	COVER, RING GEAR	1	
2	01550-06307	BOLT	3	
3	09320-09501	CUSHION, RING GEAR COVER	1	
4	03542-06209	SCREW	3	
5	11514-88L00	PLATE, RING GEAR COVER	1	
6	11411-88L00	HOUSING, UPPER OIL SEAL	1	
7	11413-88L00	GASKET, UPPER OIL SEAL	1	
8	01550-06257	BOLT, UPPER OIL SEAL HOUSING	5	
9	04221-04089	PIN	2	
10-1	61472-93E40	LABEL, MAG COVER	1	
10-2	61472-93E32	LABEL, MAG COVER	1	E40
11	69711-93E10	LABEL (S.I.G.P.)	1	
12	61493-88L00	LABEL, CLEARANCE	1	
13	61494-88L00	LABEL, OIL	1	

FIG.4

2

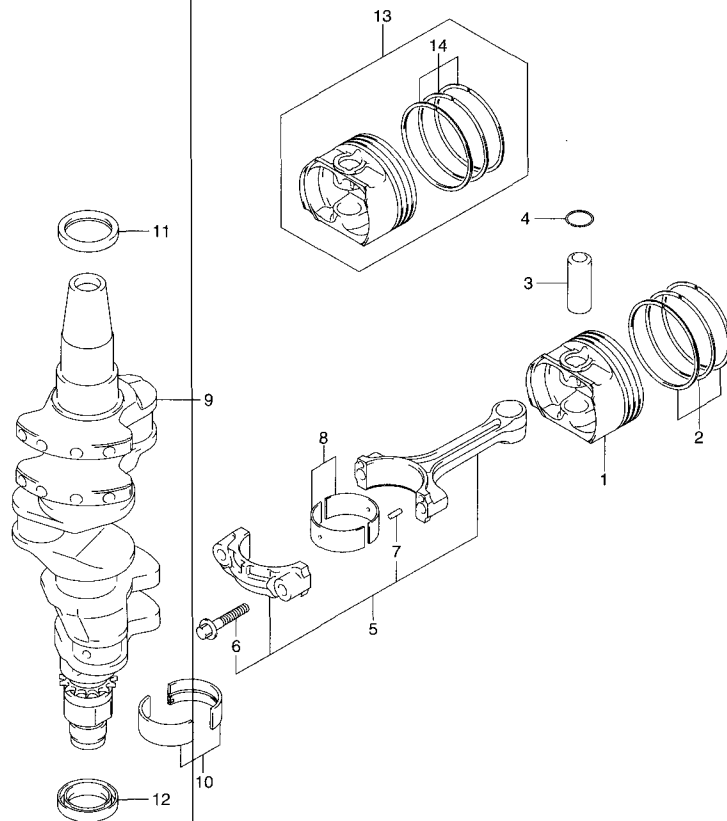


FIG.4 (B-5) CRANKSHAFT

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	12111-88L00	PISTON	3	
2	12140-88L00	RING SET, PISTON	3	
3	12151-54A50	PIN, PISTON	3	
4	09381-18002	CIRCLIP	6	
5	12160-88L00	CONNROD ASSY	3	
6	12163-69J00	·BOLT, CONNROD	6	
7	04221-04089	·PIN	6	
8-1	12100-51810-0A0	BEARING SET, CONNROD	3	GREEN
8-2	12100-51810-0B0	BEARING SET, CONNROD	3	BLACK
8-3	12100-51810-0C0	BEARING SET, CONNROD	3	NON
8-4	12100-51810-0D0	BEARING SET, CONNROD	3	YELLOW
8-5	12100-51810-0E0	BEARING SET, CONNROD	3	BLUE
9	12220-88L00	CRANKSHAFT	1	
10-1	12340-75FA0-0A0	BEARING SET, CRANKSHAFT	4	GREEN
10-2	12340-75FA0-0B0	BEARING SET, CRANKSHAFT	4	BLACK
10-3	12340-75F00-0C0	BEARING SET, CRANKSHAFT	4	NON
10-4	12340-75F00-0D0	BEARING SET, CRANKSHAFT	4	YELLOW
10-5	12340-75F00-0E0	BEARING SET, CRANKSHAFT	4	BLUE
11	09283-37005	SEAL, UPPER OIL (36.5X49X6)	1	
12	12281-87J00	SEAL, LOWER OIL (29.3X44X7)	1	
13	12100-88L00-050	PISTON SET (OS:0.50)	3	OPT
14	12140-88L00-050	·RING SET, PISTON (OS:0.50)	3	OPT

This exploded view diagram illustrates the components of a rear axle assembly. The parts are numbered as follows:

- 1**: A long, curved axle shaft with a chain drive mechanism at one end.
- 2**: A long, curved axle housing or bracket.
- 3**: A bolt used to secure the axle housing.
- 4**: A smaller, curved component, likely a spring or support bracket.
- 5**: A long bolt.
- 6**: A washer or spacer.
- 7**: A nut.
- 8**: A small bracket or clip.
- 9**: A mounting bracket or hub.
- 10**: A bolt.
- 11**: A large, curved component, likely a spring or support bracket.
- 12**: A bolt.

The diagram shows the assembly sequence, with dashed lines indicating the alignment of the components. A small arrow in the bottom left corner points towards the front of the vehicle, labeled "FWD".

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	12761-88L00	CHAIN, TIMING	1	
2	12771-87J00	GUIDE, TIMING CHAIN NO.1	1	
3	12776-85FA0	BOLT, TIMING CHAIN GUIDE	2	
4	12811-88L00	TENSIONER, TIMING CHAIN	1	
5	09100-08260	BOLT, TIMING CHAIN TENSIONER (8X30)	1	
6	09160-08123	WASHER (8.5X20X1.2)	1	
7	12812-73G10	SPACER, TIMING CHAIN TENSIONER	1	
8	12813-73G00	PAD, TIMING CHAIN TENSIONER	1	
9	12831-90J02	ADJUSTER ASSY, TENSIONER	1	
10	01550-0620A	BOLT, TENSIONER ADJUSTER	2	
11	12821-88L00	LINK, TIMING CHAIN TENSIONER	1	
12	01550-0612A	BOLT, TENSIONER LINK	2	

FIG.6

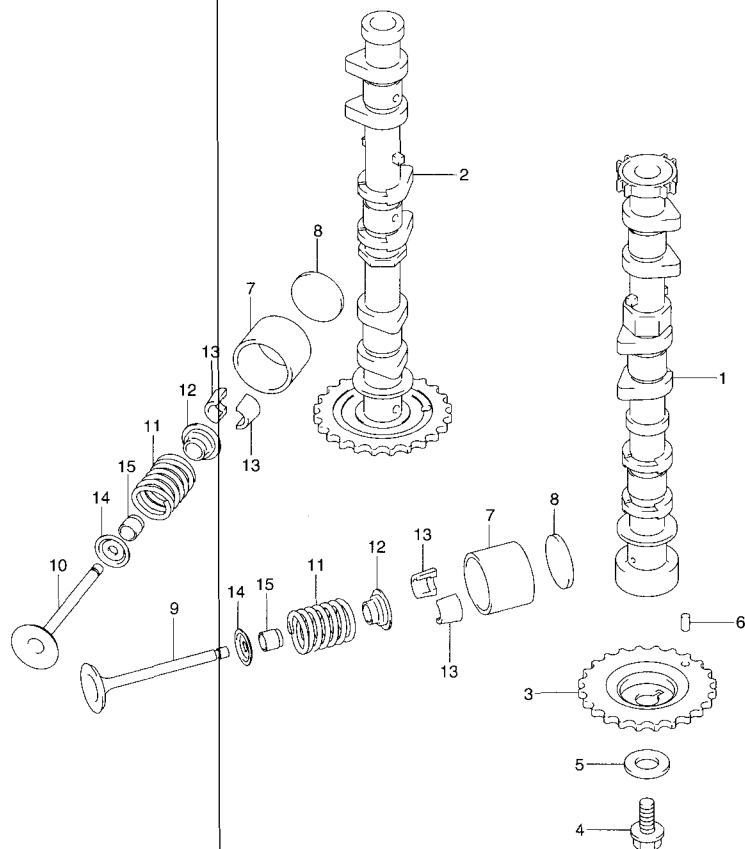


FIG.6 (B-7) CAMSHAFT

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	12710-88L00	CAMSHAFT, INTAKE	1	
2	12720-88L00	CAMSHAFT, EXHAUST	1	
3	12741-88L00	SPROCKET, CAMSHAFT TIMING	1	
4	09103-10189	BOLT, CAM SPROCKET (10X23)	1	
5	09160-10093	WASHER, CAM SPROCKET (10.5X24X2.3)	1	
6	04221-05109	PIN, CAM SPROCKET	1	
7	12891-73G01	TAPPET	12	
8-1	12892-73G01-218	SHIM, TAPPET	AR	
8-2	12892-73G01-220	SHIM, TAPPET	AR	
8-3	12892-73G01-222	SHIM, TAPPET	AR	
8-4	12892-73G01-224	SHIM, TAPPET	AR	
8-5	12892-73G01-226	SHIM, TAPPET	AR	
8-6	12892-73G01-228	SHIM, TAPPET	AR	
8-7	12892-73G01-230	SHIM, TAPPET	AR	
8-8	12892-73G01-232	SHIM, TAPPET	AR	
8-9	12892-73G01-234	SHIM, TAPPET	AR	
8-10	12892-73G01-236	SHIM, TAPPET	AR	
8-11	12892-73G01-238	SHIM, TAPPET	AR	
8-12	12892-73G01-240	SHIM, TAPPET	AR	
8-13	12892-73G01-242	SHIM, TAPPET	AR	
8-14	12892-73G01-244	SHIM, TAPPET	AR	
8-15	12892-73G01-246	SHIM, TAPPET	AR	
8-16	12892-73G01-248	SHIM, TAPPET	AR	
8-17	12892-73G01-250	SHIM, TAPPET	AR	
8-18	12892-73G01-252	SHIM, TAPPET	AR	
8-19	12892-73G01-254	SHIM, TAPPET	AR	
8-20	12892-73G01-256	SHIM, TAPPET	AR	
8-21	12892-73G01-258	SHIM, TAPPET	AR	
8-22	12892-73G01-260	SHIM, TAPPET	AR	
8-23	12892-73G01-262	SHIM, TAPPET	AR	
8-24	12892-73G01-264	SHIM, TAPPET	AR	

FIG.6

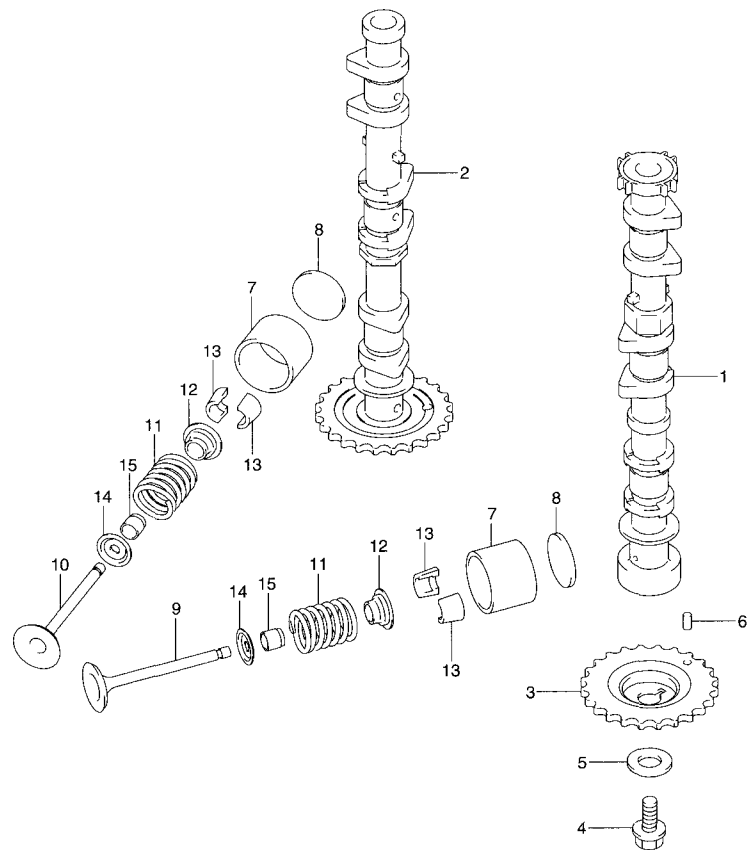


FIG.6 (B-8) CAMSHAFT

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
8-25	12892-73G01-266	SHIM, TAPPET	AR	
8-26	12892-73G01-268	SHIM, TAPPET	AR	
8-27	12892-73G01-270	SHIM, TAPPET	AR	
8-28	12892-73G01-272	SHIM, TAPPET	AR	
8-29	12892-73G01-274	SHIM, TAPPET	AR	
8-30	12892-73G01-276	SHIM, TAPPET	AR	
8-31	12892-73G01-278	SHIM, TAPPET	AR	
8-32	12892-73G01-280	SHIM, TAPPET	AR	
8-33	12892-73G01-282	SHIM, TAPPET	AR	
8-34	12892-73G01-284	SHIM, TAPPET	AR	
8-35	12892-73G01-286	SHIM, TAPPET	AR	
8-36	12892-73G01-288	SHIM, TAPPET	AR	
8-37	12892-73G01-290	SHIM, TAPPET	AR	
8-38	12892-73G01-292	SHIM, TAPPET	AR	
8-39	12892-73G01-294	SHIM, TAPPET	AR	
8-40	12892-73G01-296	SHIM, TAPPET	AR	
8-41	12892-73G01-298	SHIM, TAPPET	AR	
8-42	12892-73G01-300	SHIM, TAPPET	AR	
9	12911-88L00	VALVE, INTAKE	6	
10	12915-73G20	VALVE, EXHAUST	6	
11	12921-87J10	SPRING, VALVE	12	
12	12931-78G00	RETAINER, VALVE SPRING	12	
13	12932-24400	COTTER, VALVE	24	
14	12933-51E00	SEAT, VALVE SPRING	12	
15	09289-05012	SEAL, VALVE STEM	12	

FIG.7

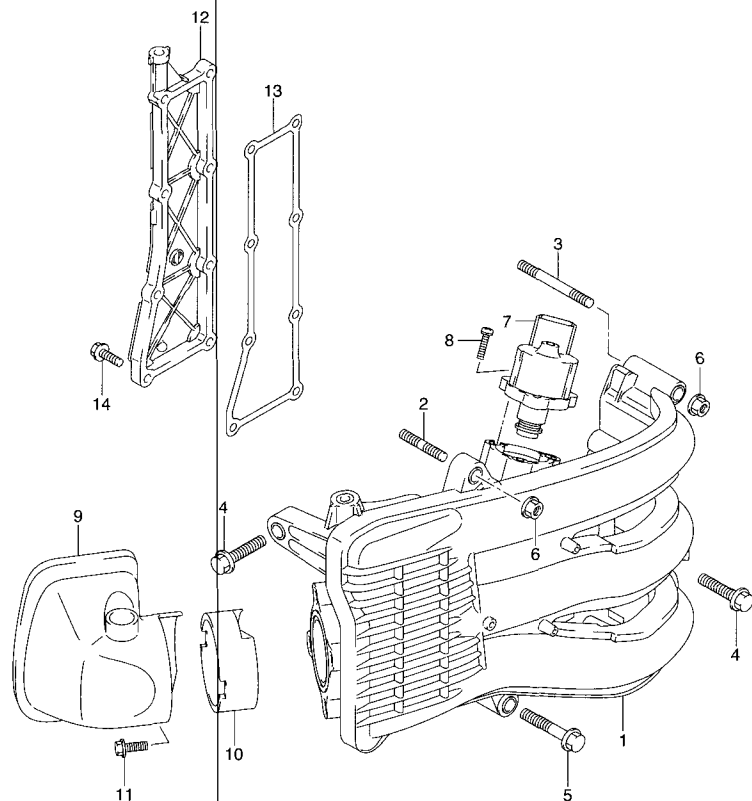


FIG.7 (B-9) INTAKE MANIFOLD / SILENCER / EXHAUST COVER

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	13110-88L00	MANIFOLD, INTAKE	1	
2	01421-08257	BOLT, STUD NO.1	1	DF60A:~010083
3	01421-08607	BOLT, STUD NO.2	2	
4-1	01550-08307	BOLT, NO.1	5	
4-2	01550-08307	BOLT, NO.1	6	DF60A:010084~ DF40A/50A
5	01550-08407	BOLT, NO.2	1	
6-1	08316-10087	NUT	3	
6-2	08316-10087	NUT	2	DF60A:010084~ DF40A/50A
7	18137-88L00	VALVE, IAC	1	
8	02112-34167	SCREW, IAC VALVE	3	
9	13810-88L00	SILENCER	1	
10	13813-88L00	HOLDER, SILENCER	1	
11	01550-06127	BOLT, SILENCER	1	
12	14141-88L00	COVER, EXHAUST	1	
13	14151-88L00	GASKET, EXHAUST COVER	1	
14	01550-06207	BOLT, PORT	8	



DF60A E1

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	15600-88L00	SEPARATOR ASSY, FUEL VAPOR	1	
1-2	15600-88L10	SEPARATOR ASSY, FUEL VAPOR	1	E40
2-1	13370-88L00	•VALVE ASSY, NEEDLE	1	
2-2	13370-88L10	•VALVE ASSY, NEEDLE	1	E40
3-1	15200-88L00	•PUMP ASSY, FUEL	1	
3-2	15200-88L10	•PUMP ASSY, FUEL	1	E40
4-1	15626-88L00	•SEAL	1	
4-2	15626-88L10	•SEAL	1	E40
5	15628-99E00	•SCREW (L:15)	5	
6	15629-99E10	•SCREW, DRAIN	1	
7-1	15641-88L00	•SPACER	1	
7-2	15641-88L10	•SPACER	1	E40
8	15642-88L00	•FILTER ASSY	1	
9	15650-99E00	•FLOAT	1	
10	15654-88L00	•PIN	1	
11	13684-88L00	•HOSE, DRAIN (L:120)	1	
12	15760-88L00	•REGULATOR ASSY	1	
13-1	15644-88L00	•O RING	1	
13-2	15644-88L10	•O RING	1	E40
14	15645-88L00	•HOLDER, REGULATOR	1	
15-1	02112-0408A	•SCREW	1	
15-2	13614-89J00	•SCREW	1	E40
16-1	02142-0408B	•SCREW	1	
16-2	13614-93J00	•SCREW	1	E40
17	15643-88L00	•JOINT	1	
18-1	15641-88L20	•BUSH	1	
18-2	15641-88L30	•BUSH	1	E40
19-1	15641-88L40	•BUSH	1	
19-2	15641-88L50	•BUSH	1	E40
20	15642-88L10	•FILTER	1	
21	15612-99E00	•COVER	1	
22	15613-88L00	•O RING	1	
23	15614-99E00	•SCREW	3	

FIG.8

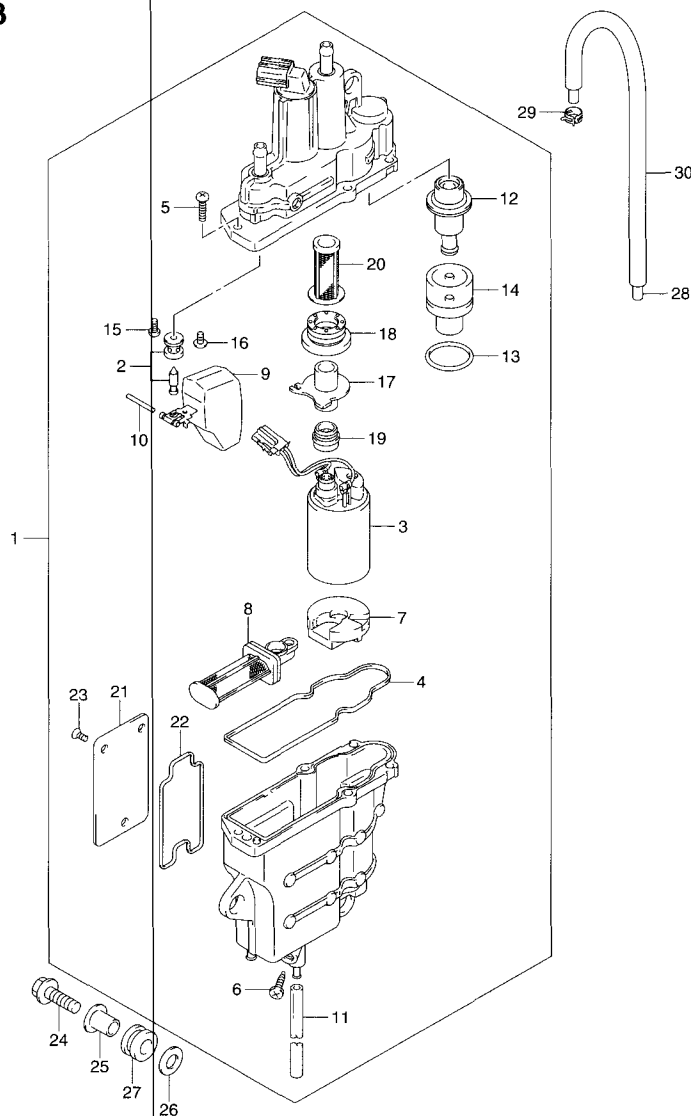


FIG.8 (C-3) FUEL VAPOR SEPARATOR

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
24	01550-06307	BOLT	3	
25	09169-06075	WASHER	3	
26	09160-06084	WASHER (6.5X18X1.6)	3	
27	09320-09039	CUSHION	3	
28	09352-50823-600	HOSE	1	L:600→530
29	09401-08412	CLIP, EVAPORATION HOSE	1	
30	18498-87JC0	PROTECTOR, EVAP HOSE (L:450)	1	

FIG.9

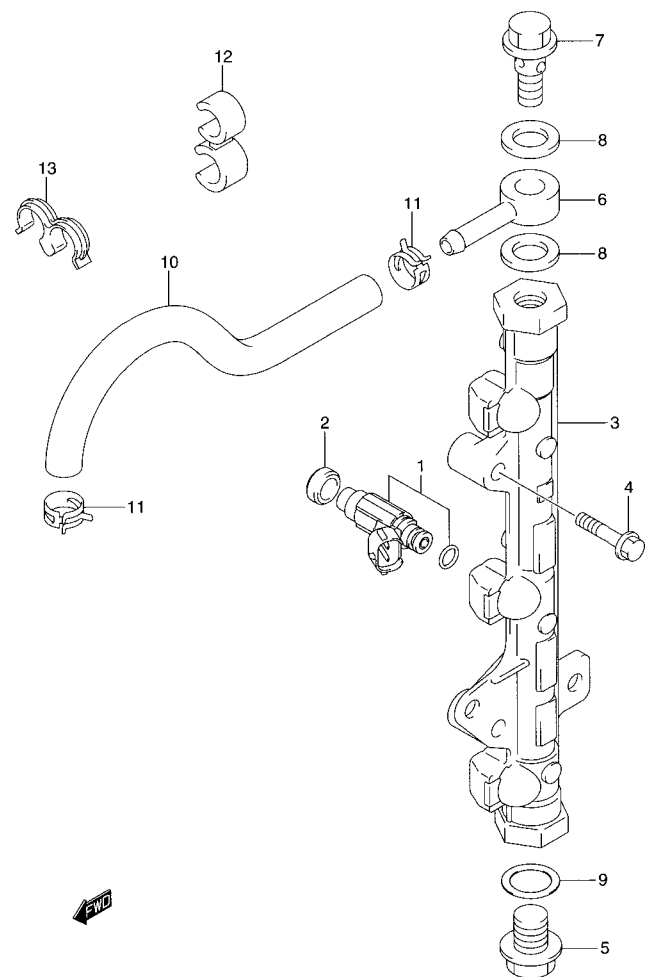


FIG.9 (C-4) FUEL INJECTOR (DF60A, DF40AS)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	15710-88L00	INJECTOR ASSY, FUEL	3	
2	09320-08062	CUSHION	3	
3	15751-88L00	PIPE, DELIVERY	1	
4	01550-06307	BOLT	2	
5-1	09247-14041	PLUG	1	
5-2	09247-14042	PLUG	1	E40
6-1	09363-08004	UNION, FUEL HOSE	1	
6-2	15830-90J00	UNION, FUEL HOSE	1	E40
7-1	09360-12008	BOLT, UNION	1	
7-2	09360-12013	BOLT, UNION	1	E40
8-1	09168-12013	GASKET, UNION	2	
8-2	15762-90J00	GASKET, UNION	2	E40
9-1	15762-93J00	GASKET, UNION	1	
9-2	15762-93J10	GASKET, UNION	1	E40
10	15681-88L00	HOSE (SEPARATOR TO DLVY)	1	
11	09401-11425	CLIP	2	
12	09408-00121	CLAMP, FUEL HOSE	1	
13	09408-00155	CLAMP, FUEL HOSE	1	

REFER TO FIG.10 (C- 5) FOR DF40A/50A

FIG.10

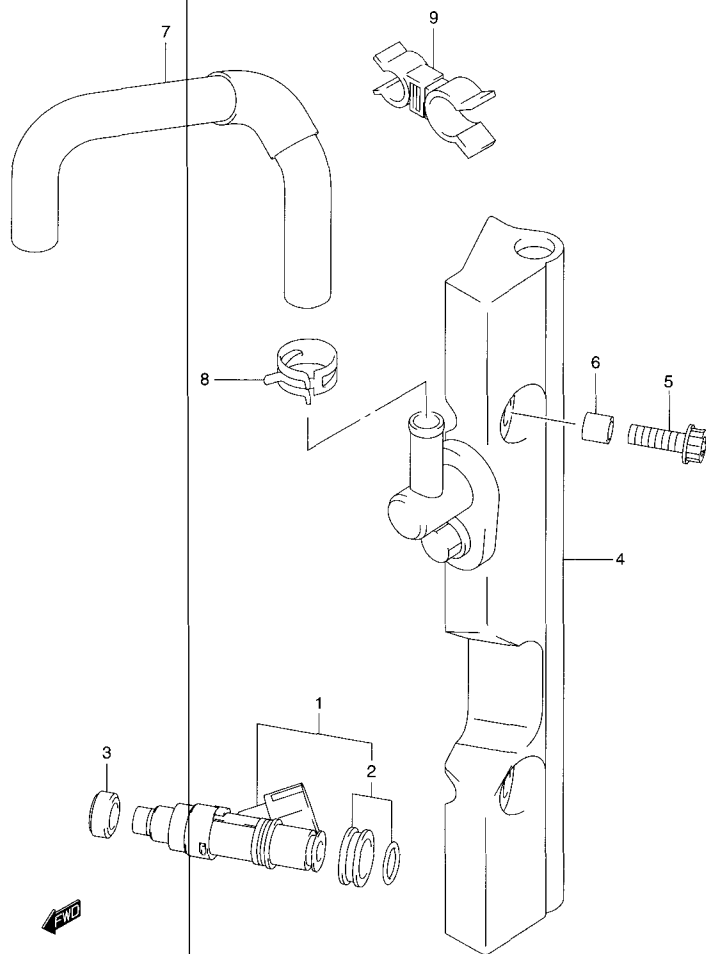


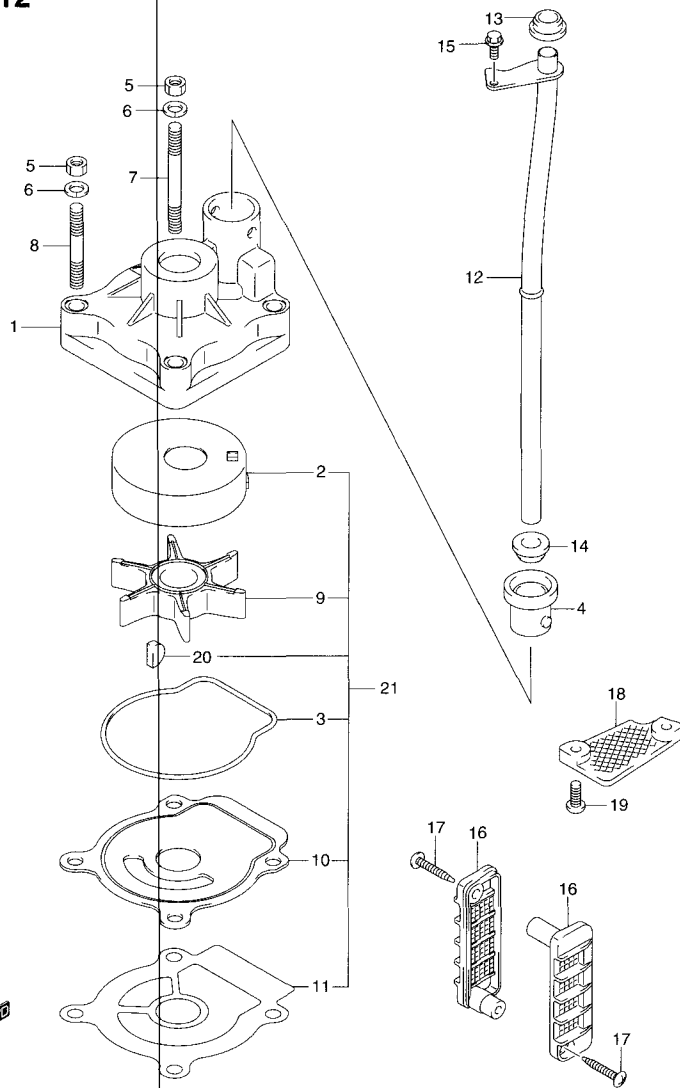
FIG.10 (C-5) FUEL INJECTOR (DF40A/50A)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	15710-85K00	INJECTOR ASSY, FUEL	3	
2	15716-65DT0	GROMMET SET	3	
3	09320-08062	CUSHION	3	
4	15750-88L10	PIPE, DELIVERY	1	
5	07120-06357	BOLT	2	
6	09180-06198	SPACER	2	
7	15681-88L10	HOSE (SEPARATOR TO DLVY)	1	
8	09401-11425	CLIP	2	
9	09408-00174	CLAMP, FUEL HOSE	1	

[illegible]

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	15100-90J1V	PUMP ASSY, FUEL	1	
2	01550-06257	BOLT	2	
3	09280-26005	O RING (D:2.4, ID:26.2)	1	
4	15410-88L00	FILTER, FUEL	1	
5	15419-87J00	·CAP, FUEL FILTER	1	
6	09401-11423	·CLIP, FILTER CAP	1	
7	15422-96J00	CLAMP, FILTER	1	
8	15421-88L00	BRACKET, FUEL FILTER	1	
9	01550-06167	BOLT	2	
10	15191-88L10	HOSE, FUEL (CONN TO FILTER)	1	
11-1	15192-88L10	HOSE, FUEL (PUMP TO SEPARATOR)	1	
11-2	15192-88L11	HOSE, FUEL (PUMP TO SEPARATOR)	1	DF60A:011616~
11-3	15192-88L20	HOSE, FUEL (PUMP TO SEPARATOR)	1	DF40A/50A
12	09343-70503-080	HOSE, FUEL (FILTER TO PUMP)	1	
13	18498-99E10	PROTECTOR, FUEL HOSE NO.1	1	L:610→230
14	18498-96J20	PROTECTOR, FUEL HOSE NO.2	1	L:370→95
15	15197-88L00	BRACKET, FUEL HOSE CLAMP	1	
16	01550-06127	BOLT, HOSE CLAMP BRACKET	1	
17-1	09403-11320	CLAMP	2	DF60A
17-2	09403-11320	CLAMP	3	DF40A/50A
18	09401-11423	CLIP	6	
19	09408-00054	CLAMP, FUEL HOSE	1	

FIG.12



DF60A E01_012
WATER PUMP

FIG.12 (C-7) WATER PUMP

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	17410-88L00	CASE, WATER PUMP	1	
2-1	17413-95J00	SLEEVE, WATER PUMP CASE	1	
2-2	17413-95J10	SLEEVE, WATER PUMP CASE	1	E40
3	17416-95J00	SEALING, WATER PUMP CASE	1	
4	17564-88L00	BUSH, WATER PUMP CASE	1	
5	29141-93J00	NUT	4	
6	29162-93J00	WASHER, LOCK	4	
7	09108-06143	BOLT, PUMP CASE STUD (L:45)	2	
8	09108-06144	BOLT, PUMP CASE STUD (L:31)	2	
9	17461-96312	IMPELLER, WATER PUMP	1	
10-1	17471-95J01	PANEL, PUMP CASE UNDER	1	
10-2	17471-95J10	PANEL, PUMP CASE UNDER	1	E40
11	17472-96303	GASKET, PUMP CASE UNDER	1	
12-1	17560-88L00	TUBE, WATER (S)	1	
12-2	17560-88L10	TUBE, WATER (L)	1	
12-3	17560-88L20	TUBE, WATER (X)	1	
13	17562-87L00	GROMMET, WATER TUBE UPPER	1	
14	17562-87L00	GROMMET, WATER TUBE LOWER	1	TYPE:L, X
15	09116-06094	BOLT, WATER TUBE	1	
16	17631-96320	FILTER, WATER	2	
17	03142-04309	SCREW	2	
18-1	17635-87E00	FILTER, SUB WATER	1	
18-2	17635-87E10	PLATE, GEAR CASE	1	OPT
19	09125-05046	SCREW	2	
20	09420-04006	KEY	1	
21	17400-88L00	WATER PUMP REPAIR KIT	1	OPT INC.NO.2,3,9~11,20

DF60A E1

FIG.13

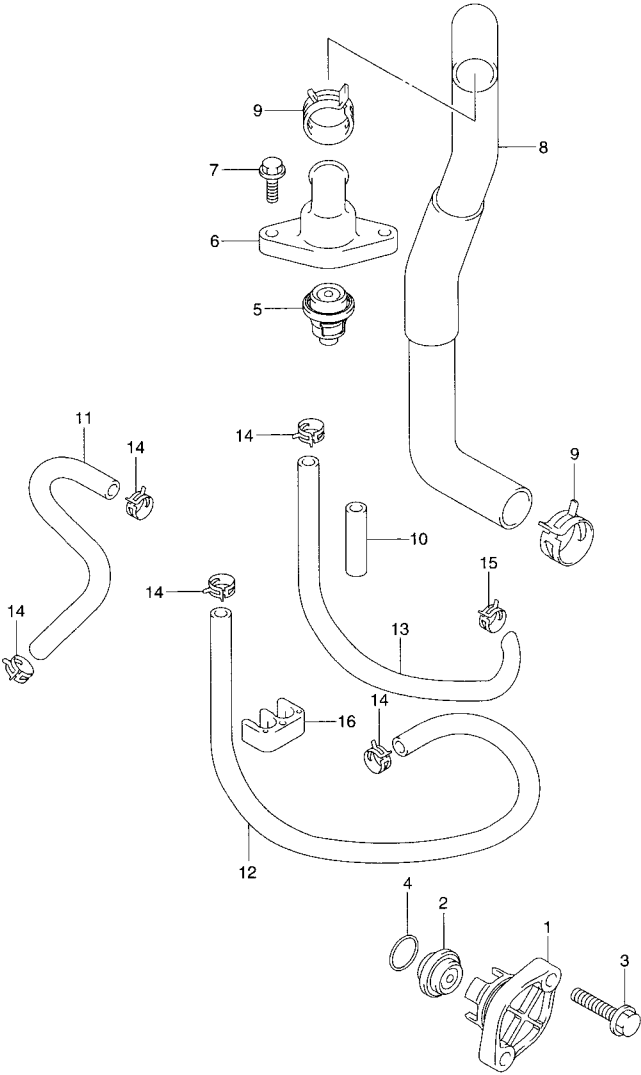
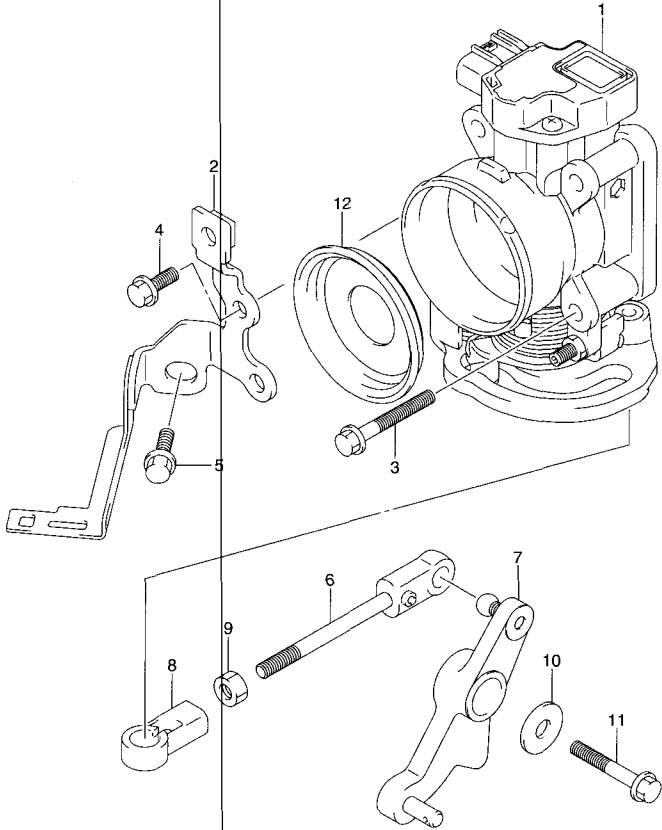


FIG.13 (C-8) THERMOSTAT

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	17611-90J00-0EP	COVER, WATER PRESS VALVE	1	
2	17660-99E01	VALVE, WATER PRESSURE	1	
3	09116-06121	BOLT, WATER PRESS VALVE COV W/WASHER (6X25)	2	
4	09280-26006	O RING, WATER PRESS VALVE COV (D:3.1, ID:26.4)	1	
5	17670-93953	THERMOSTAT (60°C)	1	
6	17681-88L00	COVER, THERMOSTAT	1	
7	01550-06207	BOLT, THERMOSTAT COVER	2	
8	11196-88L00	HOSE, WATER RETURN	1	
9	09401-25406	CLIP, WATER RETURN HOSE	2	
10	18498-94J20	PROTECTOR, WATER HOSE	2	L:320→50
11	17712-88L00	HOSE (SEPARATOR TO INSP)	1	
12	09352-50903-600	HOSE (SEPARATOR TO E/H)	1	L:600→500
13	09359-50901-980	HOSE (E/H TO SEPARATOR)	1	L:980→250
14	09401-08413	CLIP, NO.1	5	
15	09401-10412	CLIP, NO.2	1	
16	09408-00175	CLAMP	1	

FIG.14



DF60A E01_014
THROTTLE BODY

FIG.14 (C-9) THROTTLE BODY

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	13300-88L00	BODY ASSY, THROTTLE	1	
2	13315-88L00	BRACKET, THROTTLE BODY	1	
3	01550-06457	BOLT, THROTTLE BODY	4	
4	01550-06167	BOLT, THROTTLE BODY BRKT	2	
5	01550-08207	BOLT, THROTTLE BODY BRKT	1	
6	13510-88L00	ROD, THROTTLE	1	
7-1	19120-88L00	LEVER, THROTTLE	1	
7-2	19120-88L10	LEVER, THROTTLE	1	TH/QH
8	19131-95502	CONNECTOR, THROTTLE ROD	1	
9	09140-05005	NUT, THROTTLE ROD	1	
10	09160-06046	WASHER (6.5X20X1.5)	1	
11	01550-06407	BOLT, THROTTLE LEVER	1	
12	13815-88L00	RESTRICTOR, INTAKE	1	DF60AS

DF60A E1

FIG.15

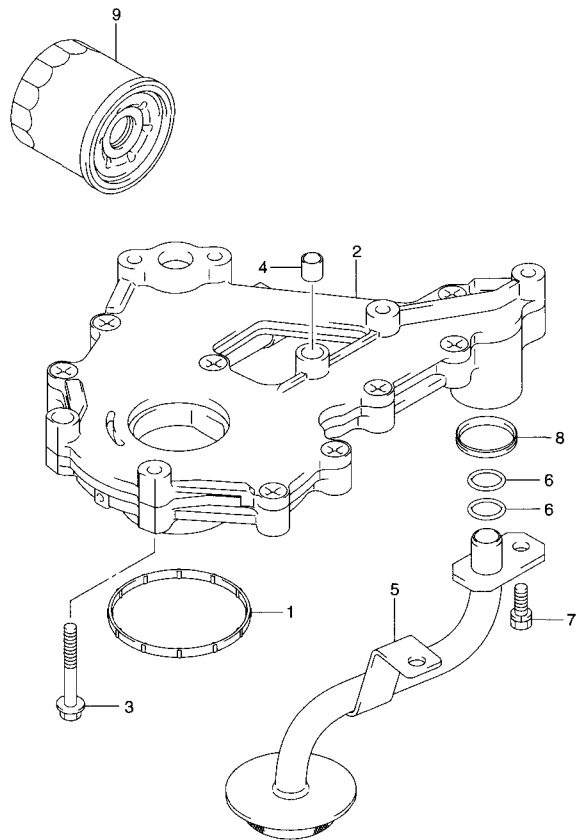


FIG.15 (C-10) OIL PUMP

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	11433-88L00	GASKET, UNDER OIL SEAL	1	
2	16400-88L00	PUMP ASSY, OIL	1	
3	01547-0640A	BOLT	7	
4	04211-09109	PIN	2	
5	16520-88L00	STRAINER, OIL PUMP	1	
6	09280-12008	O RING (D:2.4, ID:12.3)	2	
7	01570-0616A	BOLT	2	
8	16519-87L00	SEAL, ENGINE HOLDER	1	
9	16510-87J00	FILTER ASSY, OIL	1	

FIG.16

2

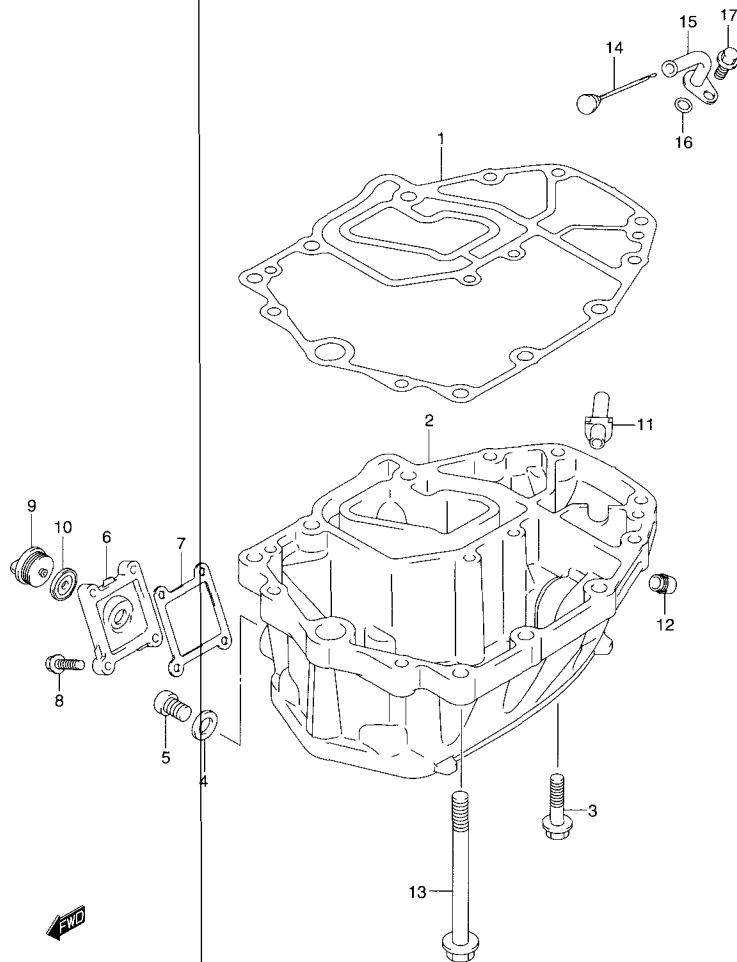


FIG.16 (C-11) OIL PAN

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	11489-88L00	GASKET, OIL PAN	1	
2	11501-88L00-0EP	PAN, OIL	1	
3	09116-08128	BOLT, OIL PAN (8X40)	6	
4	09168-12012	GASKET, OIL DRAIN	1	
5	09248-12009	PLUG, OIL DRAIN	1	
6	11551-88L00-0EP	COVER, WATER JACKET OIL PAN	1	
7	11552-88L00	GASKET, OIL PAN WTR JKT COV	1	
8	09116-06121	BOLT, OIL PAN WTR JKT COV W/WASHER (6X25)	4	
9	17913-93J00	PLUG, WATER	1	
10	17914-93J00	GASKET, WATER PLUG	1	
11	11543-88L00	SILENCER, EXHAUST	1	
12	43112-99E00	PIPE, EXHAUST	1	
13	09116-10124	BOLT, ENG W/WASHER (10X150)	6	
14	16910-88L00	GAUGE, OIL LEVEL	1	
15	16930-88L00	GUIDE, OIL LEVEL GAUGE	1	
16	09280-09008	O RING (D:1.9, ID:9.8)	1	
17	01550-06127	BOLT	1	

FIG.17

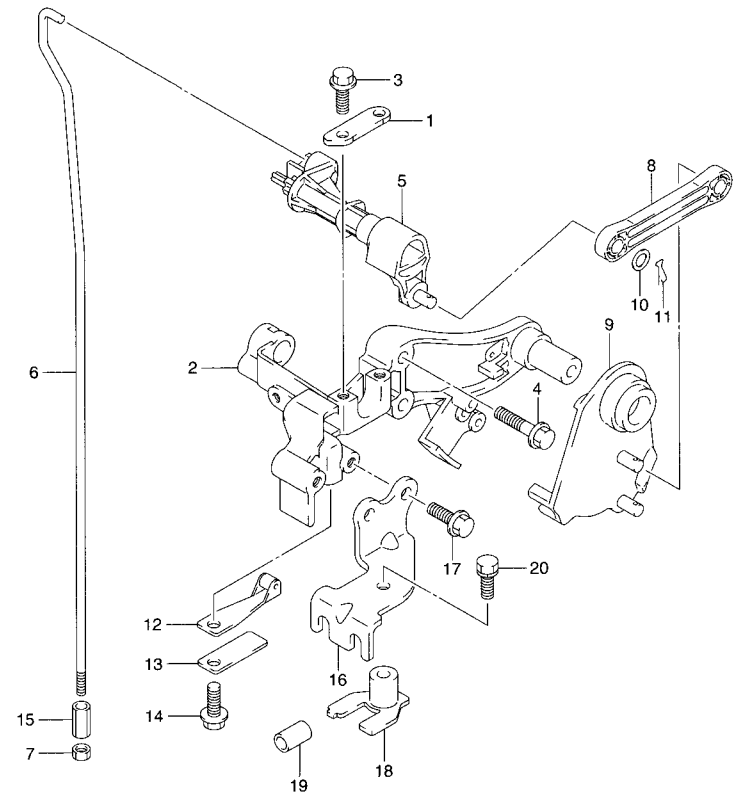


FIG.17 (D-2) CLUTCH SHAFT

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	21126-88L00	HOLDER, CLUTCH SHAFT	1	
2	21151-88L00	HOLDER, CLUTCH LEVER	1	
3	01550-06167	BOLT, CLUTCH SHAFT HOLDER	2	
4	01550-06307	BOLT, CLUTCH HOLDER	2	
5	21210-88L00	SHAFT, CLUTCH	1	
6-1	23111-88L00	ROD, CLUTCH (S)	1	
6-2	23111-88L10	ROD, CLUTCH (L, X)	1	
7	29141-93J00	NUT, CLUTCH ROD	1	
8	23115-88L00	LINK, CLUTCH LEVER	1	
9	23210-88L00	LEVER, CLUTCH CONTROL	1	
10	09160-06055	WASHER, CL LEVER (7X12X1)	2	
11	09385-06012	CLIP, CLUTCH LEVER	2	
12	23213-89J01	SPRING, NOTCH PLATE NO.1	1	
13	23214-89J00	SPRING, NOTCH PLATE NO.2	1	
14	01550-06127	BOLT, NOTCH PLATE SPRING	1	
15	23311-95J00	TURNBUCKLE, CLUTCH ROD	1	
16	67341-88L00	HOLDER, REMOCON CABLE	1	
17	01550-06167	BOLT, REMOCON CABLE HOLDER	2	
18	67343-88L00	STOPPER, REMOCON CABLE	1	
19	09352-70103-600	CUSHION, REMOCON CABLE	2	L:600→14
20	01570-06167	BOLT, REMOCON CABLE STOPPER	1	

FIG.18

3

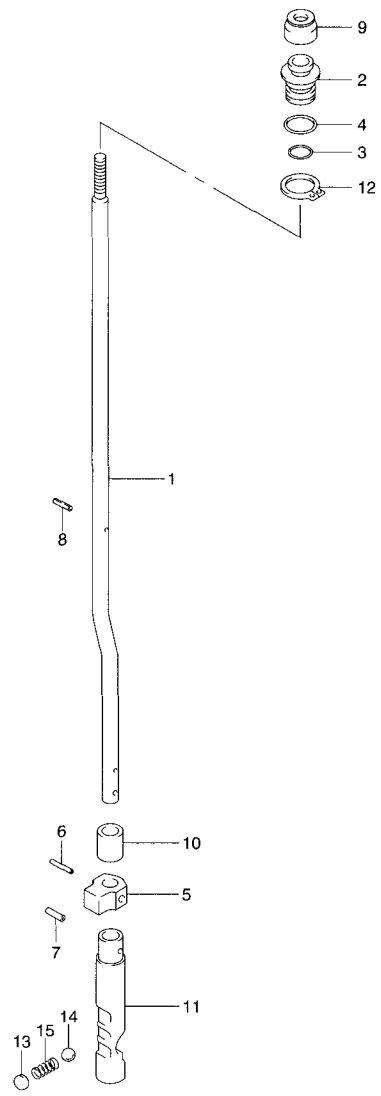


FIG.18 (D-3) CLUTCH ROD

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	25111-88L00	ROD, SHIFT (S)	1	
1-2	25111-88L10	ROD, SHIFT (L)	1	
1-3	25111-88L20	ROD, SHIFT (X)	1	
2	25211-87J00	GUIDE, SHIFT ROD	1	
3	09280-08005	O RING, SHIFT ROD GUIDE (D:1.7, ID:7.7)	1	
4	09280-11001	O RING, SHIFT ROD GUIDE (D:2.4, ID:10.8)	1	
5	25212-94401	GUIDE, SHIFT ROD LOWER	1	
6	09205-02013	PIN, SHIFT ROD GUIDE LOWER	1	
7	09205-03021	PIN, SHIFT ROD SPRING	1	
8	09205-02004	PIN, SPRING SHIFT ROD STOPPER	1	
9	25223-94400	SEAL, SHIFT ROD DUST	1	
10	25232-96302	MAGNET, GEAR CASE	1	
11	25311-88L00	CAM, SHIFT	1	
12	08331-3115A	CIRCLIP, SHIFT ROD GUIDE	1	
13	21121-93300	PLATE, DETENT SPRING	1	
14	09260-10005	BALL, CAM NOTCH	1	
15	09440-07078	SPRING, CAM NOTCH	1	

FIG.19

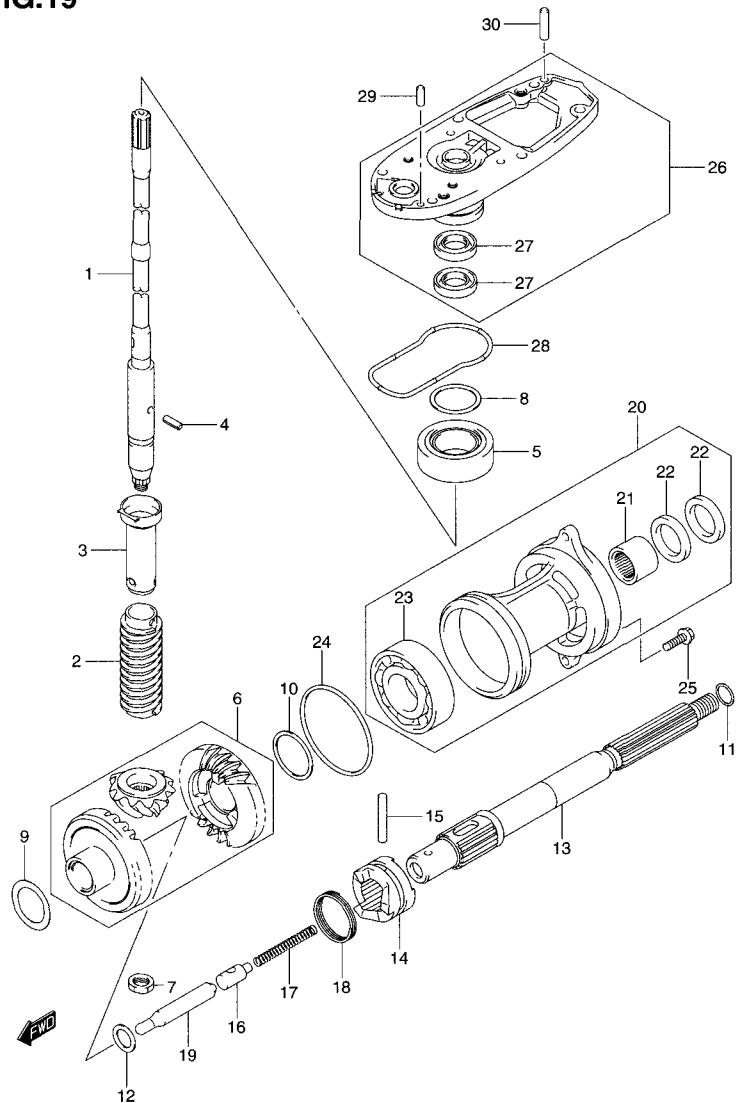
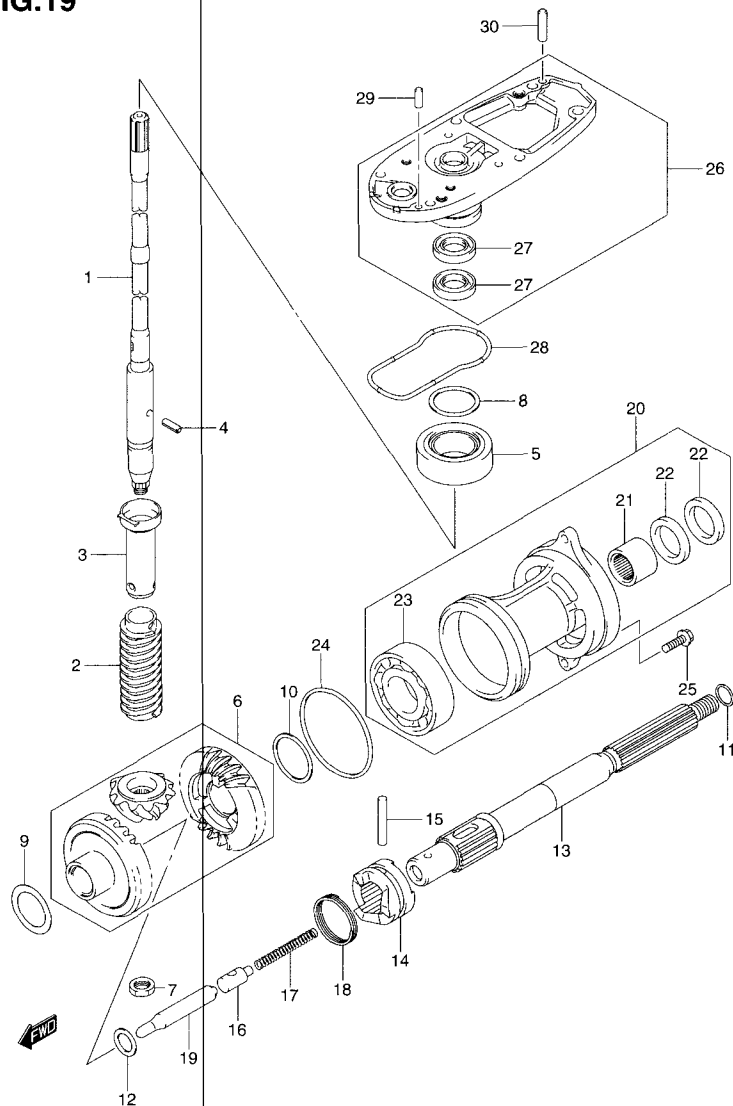


FIG.19 (D-4) TRANSMISSION

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	57110-88L02	SHAFT ASSY, DRIVE (S)	1	
1-2	57110-88L12	SHAFT ASSY, DRIVE (L)	1	
1-3	57110-88L22	SHAFT ASSY, DRIVE (X)	1	
2	57133-88L00	COLLAR, DRIVE SHAFT	1	
3	57133-94400	HOUSING, DRIVE SHAFT SPRING	1	
4	09205-03019	PIN	1	
5	09265-20015	BEARING, DRIVE SHAFT THRUST	1	
6	57300-87851	PINION/GEAR SET	1	
7	09140-12034	NUT	1	
8-1	09181-35101	SHIM (35X42X0.50)	AR	DRIVE SHAFT ADJUST
8-2	09181-33001	SHIM (33.5X41.8X0.55)	AR	
8-3	09181-33002	SHIM (33.5X41.8X0.60)	AR	
8-4	09181-33003	SHIM (33.5X41.8X0.65)	AR	
8-5	09181-33004	SHIM (33.5X41.8X0.70)	AR	
8-6	09181-33005	SHIM (33.5X41.8X0.75)	AR	
8-7	09181-33006	SHIM (33.5X41.8X0.80)	AR	
8-8	09181-33007	SHIM (33.5X41.8X0.85)	AR	
8-9	09181-33008	SHIM (33.5X41.8X0.90)	AR	
8-10	09181-33009	SHIM (33.5X41.8X0.95)	AR	
8-11	09181-35110	SHIM (35X42X1.00)	AR	
9-1	09181-30186	SHIM (30X42X0.5)	AR	FORWARD BACKUP
9-2	09181-30187	SHIM (30X42X0.6)	AR	
9-3	09181-30188	SHIM (30X42X0.7)	AR	
9-4	09181-30190	SHIM (30X42X0.8)	AR	
9-5	09181-30192	SHIM (30X42X0.9)	AR	
10-1	08221-35455	SHIM (T:0.5)	AR	REVERSE BACKUP
10-2	09181-35131	SHIM (35X46X0.6)	AR	
10-3	09181-35132	SHIM (35X46X0.7)	AR	
10-4	08221-35456	SHIM (T:0.8)	AR	
10-5	09181-35136	SHIM (35X46X0.9)	AR	
10-6	08211-35451	WASHER (T:1.0)	AR	

FIG.19



DF60A E01_019
TRANSMISSION

FIG.19 (D-5) TRANSMISSION

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
11-1	09160-22018	WASHER (22.5X28X1.8)	1	PROP SHAFT THRUST
11-2	09160-22019	WASHER (22.5X28X1.9)	1	
11-3	09160-22020	WASHER (22.5X28X2.0)	1	
11-4	09160-22021	WASHER (22.5X28X2.1)	1	
11-5	09160-22022	WASHER (22.5X28X2.2)	1	
11-6	09160-22023	WASHER (22.5X28X2.3)	1	
12	08211-20263	WASHER (T:2.0)	1	
13	57610-94402	SHAFT, PROPELLER	1	
14	57621-87J02	SHIFTER, CLUTCH DOG	1	
15	09202-05022	PIN, CLUTCH DOG SHIFTER	1	
16	57634-88L00	PIN, PUSH	1	
17	09440-08043	SPRING, RETURN	1	
18	09440-40002	SPRING, DOG	1	
19	57631-95302	ROD, PUSH	1	
20	56120-94321-0EP	HOUSING, PROP SHAFT BEARING	1	
21	09263-22020	•BEARING (22.225X28.575X19.05)	1	
22	09289-22007	•SEAL, PROP SHAFT OIL (21.2X35X5)	2	
23	09262-35070	•BEARING, REVERSE GEAR (35X62X14)	1	
24	09280-75001	O RING, PROP SHAFT BEARING HSG (D:3.3, ID:75)	1	
25	09116-08122	BOLT, PROP SHAFT HSG W/WASHER (8X30)	2	
26	56130-87J10-0EP	HOUSING, DRIVE SHAFT BEARING	1	
27	09282-17005	•SEAL, DRIVE SHAFT OIL (16X32X6)	2	
28	55122-88L00	RING, GEAR CASE SEAL	1	
29	09202-06025	PIN	1	
30	09202-06027	PIN	1	

DF60A E1

FIG.20

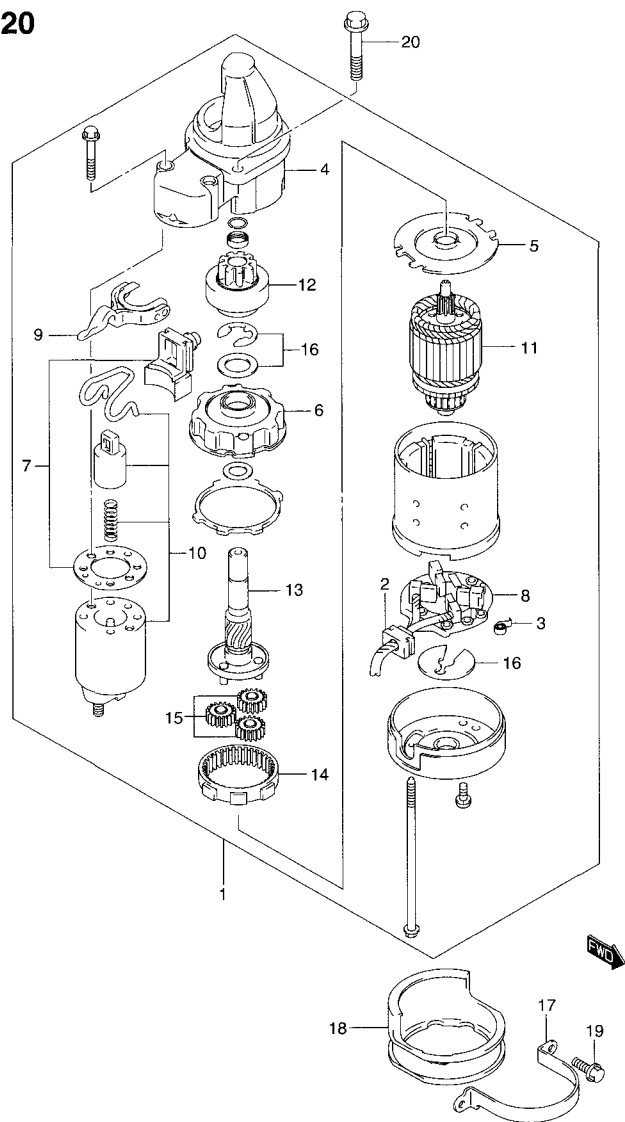
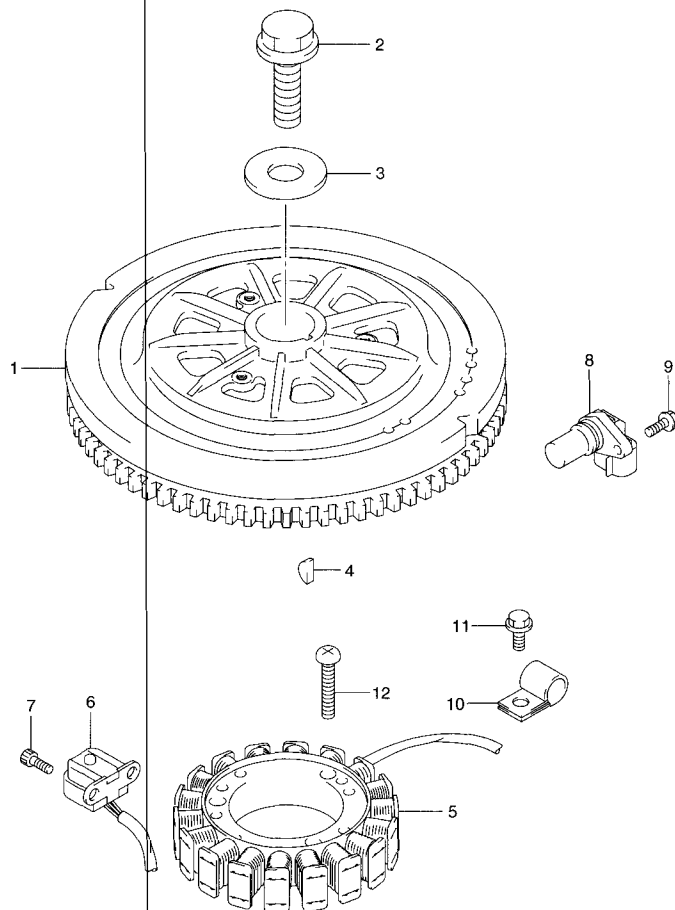


FIG.20 (E-2) STARTING MOTOR

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	31100-94J21	STARTING MOTOR	1	
2	31131-94J00	•BRUSH SET, PLUS	1	
3	31135-90J00	•SPRING	4	
4	31151-94J00	•CASE, GEAR	1	
5	31152-90J00	•PLATE, CENTER	1	
6	31153-90J00	•BRACKET, PLANET GEAR	1	
7	31171-96J00	•COVER KIT, DUST	1	
8	31173-94J00	•HOLDER ASSY, BRUSH	1	
9	31191-96J00	•LEVER, SHIFT	1	
10	31220-94J00	•SWITCH, MAGNET	1	
11	31310-90J00	•ARMATURE	1	
12	31320-94J00	•PINION	1	
13	31341-94J00	•SHAFT, PINION	1	
14	31343-90J00	•INTERNAL GEAR	1	
15	31344-90J00	•GEAR, PLANETARY	3	
16	31360-93J01	•WASHER SET	1	
17	31912-88L00	BAND, STARTER MOTOR	1	
18	31918-87L00	DAMPER, LOWER	1	
19	01550-06167	BOLT, LOWER	2	
20	01550-08307	BOLT, UPPER	2	

FIG.21



FWD

DF60A E01_021
MAGNETO

FIG.21 (E-3) MAGNETO

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	32102-88L00	FLYWHEEL	1	
2	09103-14024	BOLT, FLYWHEEL (14X50)	1	
3	09160-14065	WASHER, FLYWHEEL (14.5X36X4.5)	1	
4	09420-04008	KEY	1	
5	32120-88L00	COIL, BATTERY CHARGING	1	
6	32160-88L00	COIL, IGNITION TIMING	1	
7	09106-05030	BOLT, IGNITION TIMING COIL	2	
8	33220-58J20	SENSOR ASSY, CAM POSITION	1	
9	01547-06167	BOLT, CAM POSITION SENSOR	1	
10	09403-13408	CLAMP, STATOR LEAD WIRE	2	
11	01550-06127	BOLT, STATOR LEAD WIRE CLAMP	1	
12	02112-06307	SCREW, BATTERY CHARGE COIL	3	

DF60A E1

FIG.22

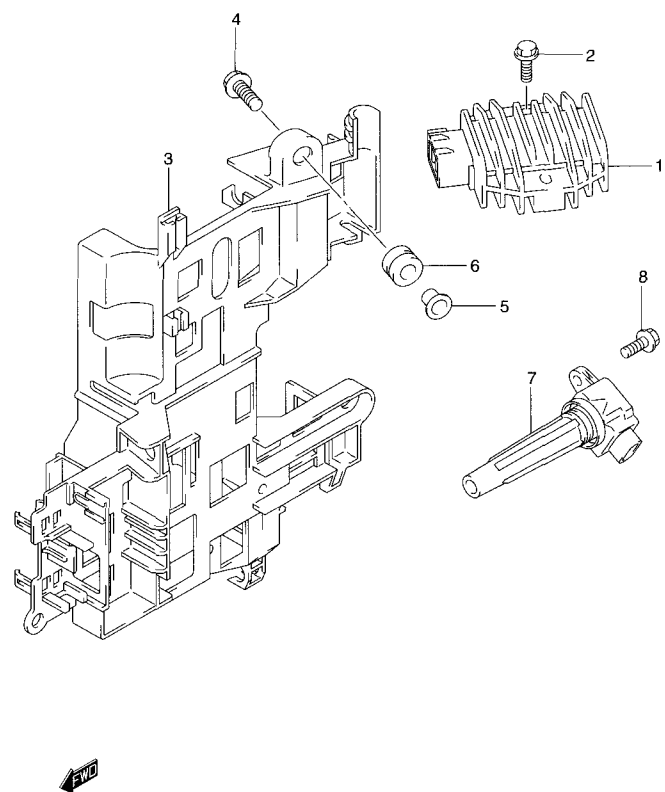
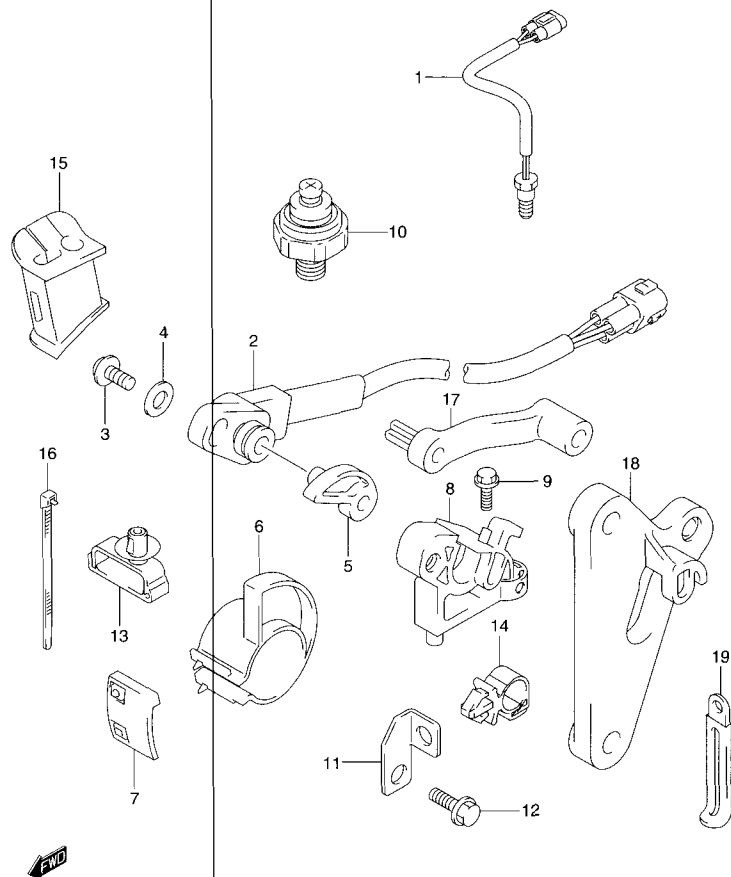


FIG.22 (E-4) RECTIFIER / IGNITION COIL

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	32800-88L00	RECTIFIER/REGULATOR ASSY	1	
2	01550-06257	BOLT, RECTIFIER/REGULATOR	2	
3	32890-88L00	HOLDER, ELECTRIC PARTS	1	
4	09116-06202	BOLT, ELECTRIC PARTS HOLDER (6X25)	3	
5	09169-06062	WASHER, ELECTRIC PARTS HOLDER	3	
6	09320-09016	CUSHION, ELECTRIC PARTS HOLDER	3	
7	33410-87L00	COIL ASSY, IGNITION	3	
8	01547-06207	BOLT, IGNITION COIL	3	

FIG.23



DF60A E01_023
SENSOR

FIG.23 (E-5) SENSOR

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	34830-87J20	SENSOR ASSY, CYLINDER TEMP	1	
2-1	34840-87L01	SENSOR ASSY, TRIM	1	DF60A EXCEPT QH
2-2	34840-98J01	SENSOR ASSY, TRIM	1	DF40A/50A EXCEPT QH
3	09125-05048	SCREW, TRIM SENSOR (5X16)	1	EXCEPT QH
4	09160-05029	WASHER, TRIM SENSOR (5.5X12X0.8)	1	EXCEPT QH
5	34841-87L00	LEVER, TRIM SENSOR	1	DF60A EXCEPT QH
6	34842-88L00	CAM, TRIM SENSOR UPPER	1	DF60A EXCEPT QH
7	34843-87L00	CAM, TRIM SENSOR LOWER	1	DF60A EXCEPT QH
8	34845-87L01	BRACKET, TRIM SENSOR	1	DF60A EXCEPT QH
9-1	09103-06093	BOLT, TRIM SENSOR BRACKET	1	DF60A EXCEPT QH
9-2	09103-06093	BOLT, TRIM SENSOR BRACKET	2	DF40A/50A EXCEPT QH
10	37820-99E01	SWITCH, OIL PRESSURE	1	
11	36617-88L00	BRACKET, PTT CABLE CLAMP	1	DF60A EXCEPT QH
12	09103-06152	BOLT, PTT CABLE CLAMP BRKT	1	DF60A EXCEPT QH
13	09403-07340	CLAMP, PTT CABLE	1	EXCEPT QH
14	09403-11321	CLAMP, PTT CABLE	1	DF60A EXCEPT QH
15-1	36656-88L00	GROMMET, PTT CABLE	1	
15-2	36656-88L10	GROMMET, PTT CABLE	1	QH
16-1	09407-14407	BAND, CABLE	2	DF60A EXCEPT QH
16-2	09407-14407	BAND, CABLE	3	DF40A/50A EXCEPT QH
17	34841-88L00	LEVER, TRIM SENSOR	1	DF40A/50A EXCEPT QH
18	34845-88L00	BRACKET, TRIM SENSOR	1	DF40A/50A EXCEPT QH
19	29404-93J10	CLAMP, PTT CABLE	1	DF40A/50A EXCEPT QH

DF60A E1

FIG.24

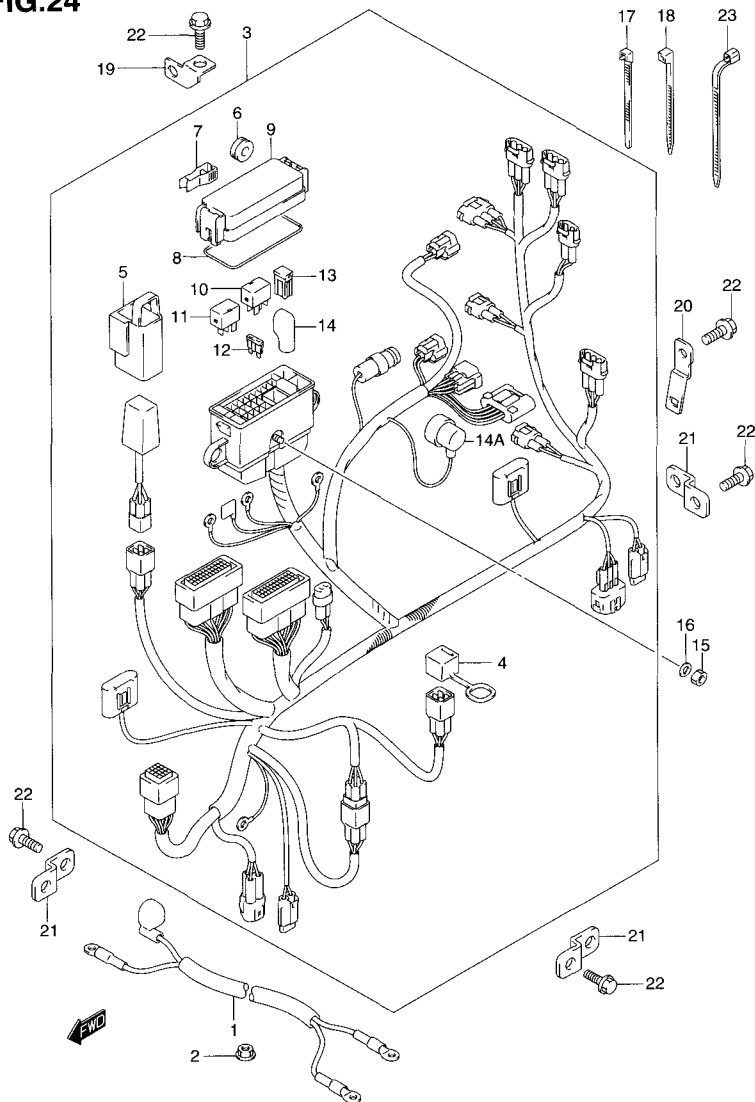
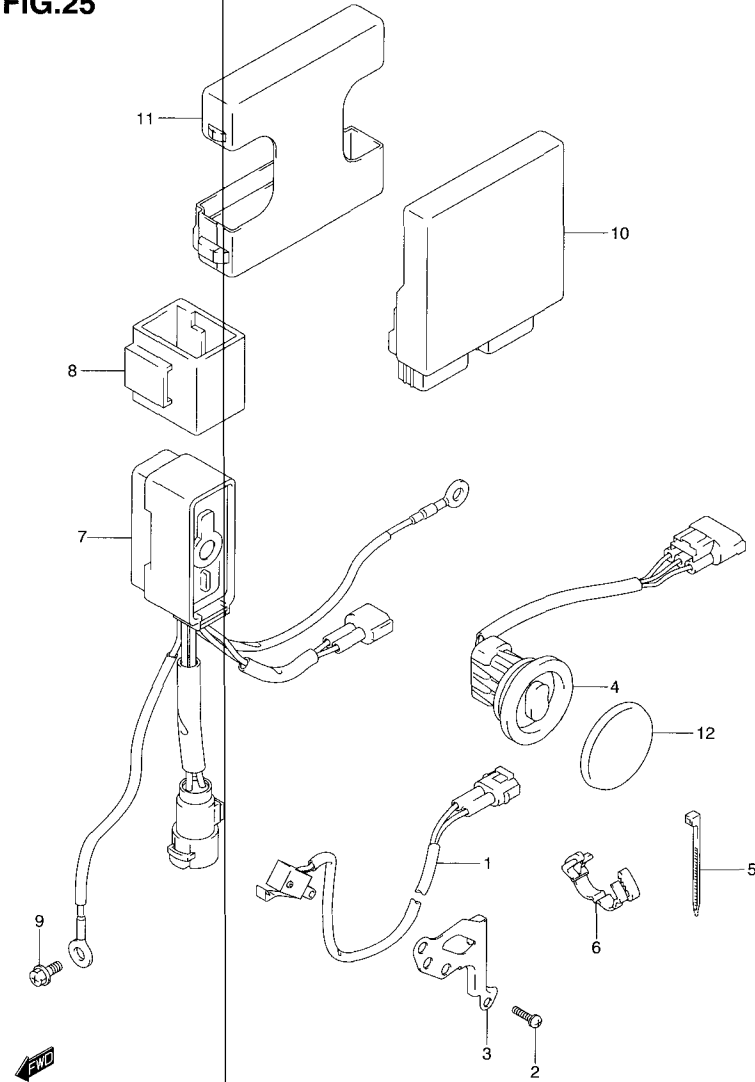
DF60A E01_024
HARNESS

FIG.24 (E-6) HARNESS

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	33810-88L00	CABLE ASSY, STARTER MOTOR	1	
1-2	33810-88L10	CABLE ASSY, STARTER MOTOR	1	DF60A:110001~ DF40A/50A
2	08316-10087	NUT	1	
3-1	36610-88L00	HARNESS ASSY, WIRING	1	DF60A
3-2	36610-88L20	HARNESS ASSY, WIRING	1	DF40A/50A
3-3	36610-88L10	HARNESS ASSY, WIRING	1	DF40AQH
3-4	36610-88L30	HARNESS ASSY, WIRING	1	DF60AQH DF60AWQH
4	33634-96J00	·CAP, SERVICE CONNECTOR	1	
5	36668-87L00	·CAP, SERVICE CONNECTOR	1	
6	09320-08021	·CUSHION, FUSE BOX	2	
7	36737-96J00	·PULLER, FUSE	1	
8	36721-96J00	·O RING, UPPER COVER	1	
9	36738-88L00	·COVER, FUSE CASE UPPER	1	
10	38860-76F01	·RELAY, ENG CONTROL UNIT	1	
11	38860-76F01	·RELAY ASSY, STARTER MOTOR	1	
12-1	09481-15501	·FUSE (15A)	3	
12-2	09481-15501	·FUSE (15A)	2	DF40AQH/60AQH DF60AWQH
12-3	09481-30501	·FUSE (30A)	3	
13	09481-30401	·FUSE (30A)	2	
14	36612-96J00	·CAP, TERMINAL	1	
14A	36618-43410	·CAP, OIL PRESSURE SWITCH	1	
15	08310-00067	NUT, RELAY/FUSE BOX	1	
16	08321-01067	WASHER, RELAY/FUSE BOX	1	
17	09407-14403	CLAMP, HARNESS (L:125)	1	
18	09407-14407	CLAMP, HARNESS (L:145)	1	
19	36617-88L00	BRACKET, HARNESS	2	
20	36617-88L10	BRACKET, HARNESS	1	
21	36617-93J10	BRACKET, HARNESS	3	
22	01550-06127	BOLT, HARNESS BRACKET	6	
23	09407-18402	CLAMP, HARNESS (L:165)	1	DF40A/50A DF40AQH

DF60A E1

FIG.25



DF60A E01_025
PTT SWITCH/ENGINE CONTROL UNIT

FIG.25 (E-7) PTT SWITCH / ENGINE CONTROL UNIT

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	37721-93J00	SWITCH ASSY, NEUTRAL	1	
2	09137-04004	SCREW, NEUTRAL SWITCH (4X16)	2	
3	37725-88L00	BRACKET, NEUTRAL SWITCH	1	
4	37850-99E04	SWITCH ASSY, PTT	1	
5	09407-10404	CLAMP, SWITCH LEAD	1	
6	09408-00184	CLAMP, SWITCH LEAD	1	
7	38410-93J11	RELAY ASSY, PTT	1	
8	38415-93J00	HOLDER, PTT RELAY	1	
9	01550-06127	BOLT, GROUND	1	
10-1	33920-88L01	UNIT, ENGINE CONTROL	1	DF60A
10-2	33920-88L11	UNIT, ENGINE CONTROL	1	E40
10-3	33920-88L20	UNIT, ENGINE CONTROL	1	DF40A
10-4	33920-88L40	UNIT, ENGINE CONTROL	1	DF50A
10-5	33920-88L30	UNIT, ENGINE CONTROL	1	DF40AS
11	33925-88L00	CUSHION, ENGINE CONTROL UNIT	1	
12	09250-40002	CAP, PTT SWITCH HOLE	1	DF40AQH/60AQH DF60AWQH

DF60A E1

FIG.26

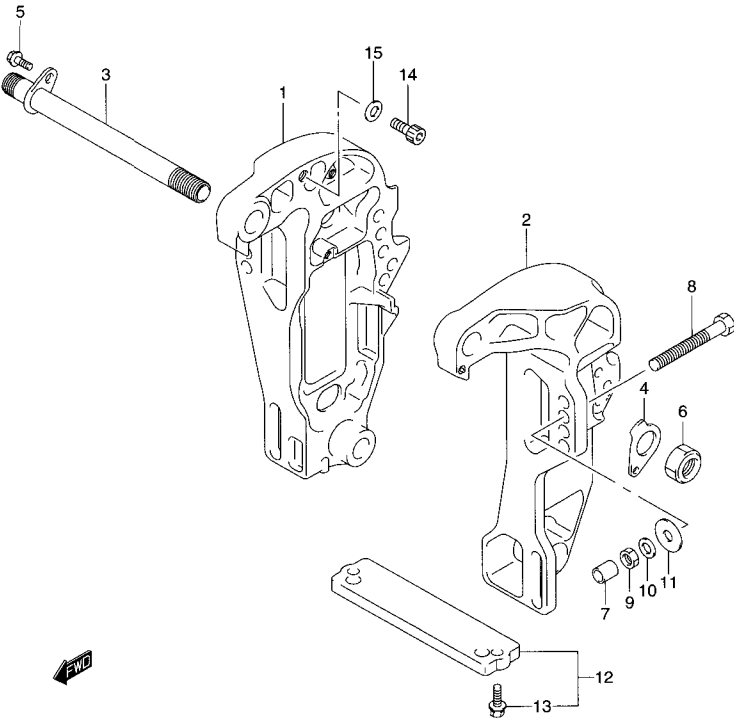


FIG.26 (F-2) CLAMP BRACKET (DF60A,DF40AS)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	41111-88L01-0EP	BRACKET, CLAMP STBD	1	
2	41121-88L00-0EP	BRACKET, CLAMP PORT	1	
3	41130-88L00	SHAFT, CLAMP BRACKET	1	
4	41135-93J11	WASHER, CLAMP BRACKET SHAFT	1	
5	09116-08137	BOLT, CLAMP BRKT SHAFT (8X22)	1	
6	09159-22006	NUT, CLAMP BRACKET SHAFT	1	
7	41153-94500	CAP, TRANSOM BOLT	4	
8-1	09100-12093	BOLT (12X100, PITCH:1.25)	4	
8-2	09100-12091	BOLT (12X115, PITCH:1.25)	1	OPT
9	09159-12014	NUT	4	
10	09160-12110	WASHER (12.5X22X3.0)	4	
11	09160-12044	WASHER (12.5X35X3.2)	4	
12	55320-94900	ZINC, PROTECTION	1	
13	09116-06121	•BOLT (6X25)	2	
14	09106-10065	BOLT, HEXAGON SOCKET HEAD (10X20)	2	
15	09160-10082	WASHER, PLAIN (10.5X19X2)	2	

REFER TO FIG.27 (F- 3) FOR DF40A/50A, DF60AQH/60AWQH

FIG.27

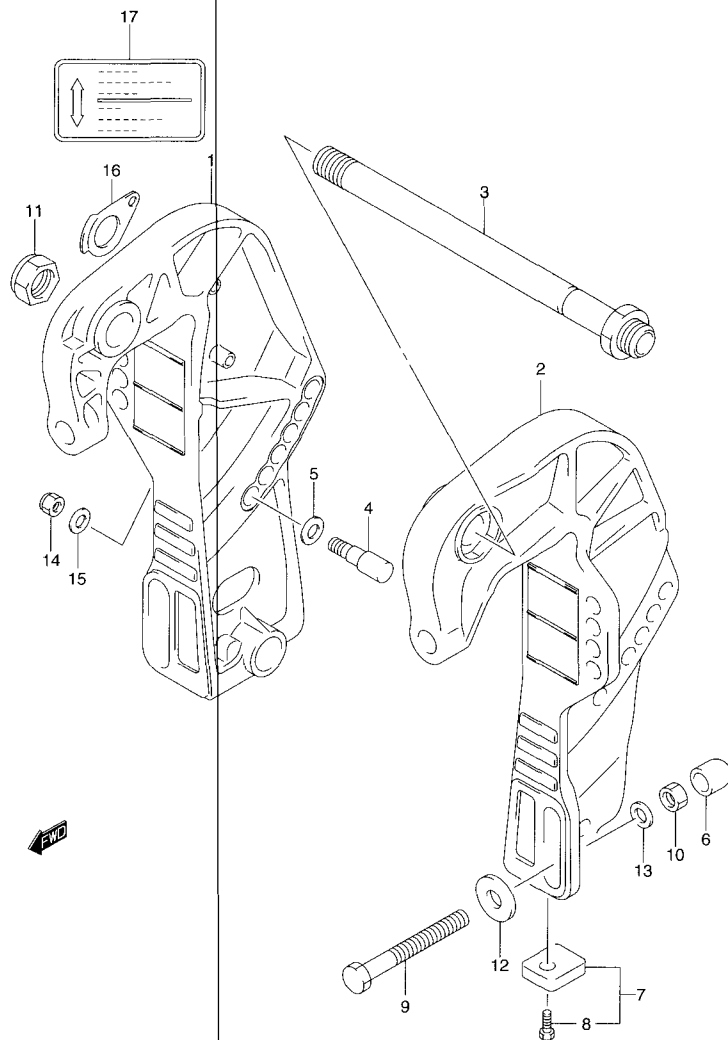


FIG.27 (F-3) CLAMP BRACKET (*)

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	41111-89J21-0EP	BRACKET, CLAMP STBD (BLACK)	1	
2	41121-89J15-0EP	BRACKET, CLAMP PORT (BLACK)	1	
3	41130-87J10	SHAFT, CLAMP BRACKET	1	
4	45421-89J00	PIN, TILT LOCK	2	
5	09160-12066	WASHER (12.5X22X2.5)	2	
6	41153-94500	CAP, TRANSOM BOLT	4	
7	55320-95311	ZINC, PROTECTION	2	
8	09116-06094	BOLT, ZINC (6X15)	2	
9-1	09100-12093	BOLT (12X100, PITCH:1.25)	4	
9-2	09100-12091	BOLT (12X115, PITCH:1.25)	1	OPT
10	09159-12014	NUT (M12, PITCH:1.25)	4	
11	09159-22006	NUT	1	
12	09160-12044	WASHER (12.5X35X3.2)	4	
13	09160-12110	WASHER (12.5X22X3.0)	4	
14	09159-10050	NUT, TILT LOCK	2	
15	09160-10082	WASHER, TILT LOCK PIN	2	
16	41135-93J00	WASHER, CLAMP BRACKET SHAFT	1	
17	43241-87J00	MARK, RELEASE LEVER	1	QH, WQH

(*) : DF40A/50A, DF60AQH/60AWQH

FIG.28

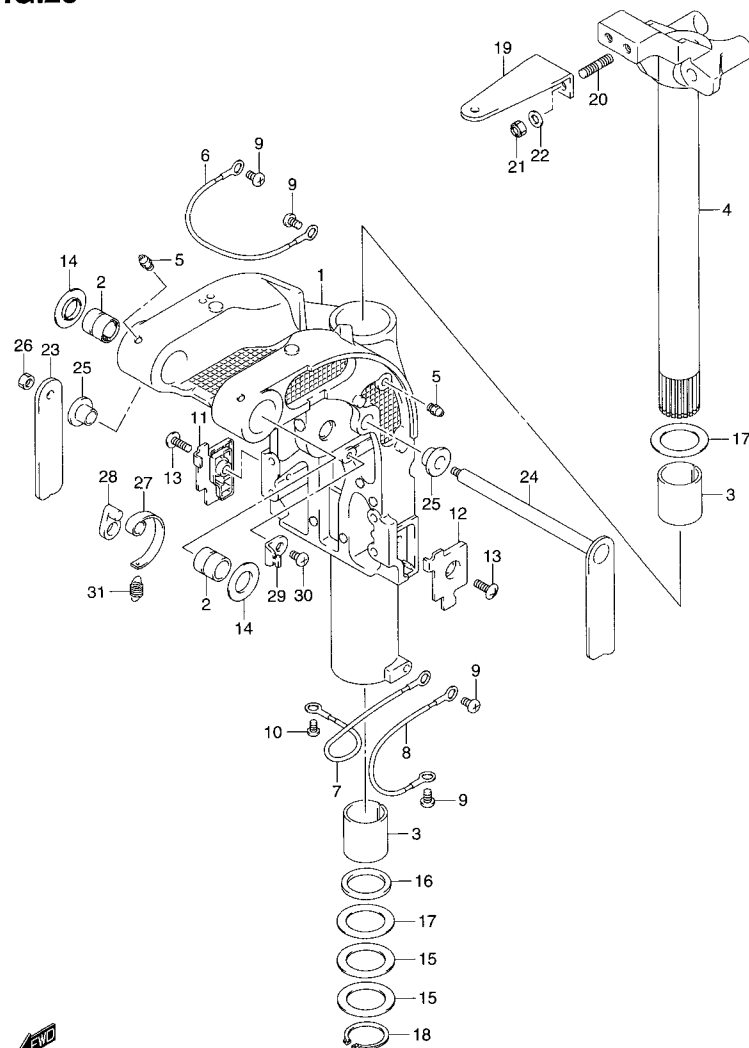


FIG.28 (F-4) SWIVEL BRACKET (DF60A, DF40AS)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	43111-88L10-0EP	BRACKET, SWIVEL (S)	1	
1-2	43111-88L00-0EP	BRACKET, SWIVEL (L, X)	1	
2	43211-88L00	BUSH, SWIVEL BRACKET	2	
3	43711-97E00	BUSH, STEERING	2	
4-1	43750-88L10-0EP	BRACKET, STEERING (S)	1	
4-2	43750-88L00-0EP	BRACKET, STEERING (L, X)	1	
5	22511-99011	NIPPLE, GREASE	4	
6	36894-87D00	LEAD (CLAMP TO SWIVEL)	1	
7	36895-87D01	LEAD (SWIVEL TO MOUNT BRKT)	1	
8	36895-87D01	LEAD (SWIVEL TO HOUSING)	1	
9	09125-06063	SCREW, LEAD (6X10)	4	
10	09125-05050	SCREW, LEAD (5X8)	1	
11	43119-88L00	PLATE, SWIVEL BRKT LWR STBD	1	
12	43119-88L10	PLATE, SWIVEL BRKT LWR PORT	1	
13	09125-06067	BOLT, SWIVEL BRKT LWR PLATE (6X16)	2	
14	43114-88L00	WASHER, SWIVEL TO CLAMP BRKT	2	
15	09160-39003	SHIM, SWIVEL BRKT (39.5X58X0.3)	2	
16	09282-39001	SEAL, SWIVEL BRKT (38X51X5)	1	
17	09160-39002	WASHER, PILOT SHAFT (39.5X58X1)	2	
18	09380-38003	CIRCLIP, PILOT SHAFT LOWER	1	
19	43755-88L00-0EP	ATTACHMENT, STEERING BRKT	1	EXCEPT TH
20	09108-10161	BOLT, ATTACHMENT STUD (10X20)	2	EXCEPT TH
21	09159-10050	NUT, ATTACHMENT (M10)	2	EXCEPT TH
22	09160-10141	WASHER, ATTACHMENT (10.5X19X2)	2	EXCEPT TH

REFER TO FIG.29 (F-5) FOR DF40A/50A, DF60AQH/60AWQH

FIG.28

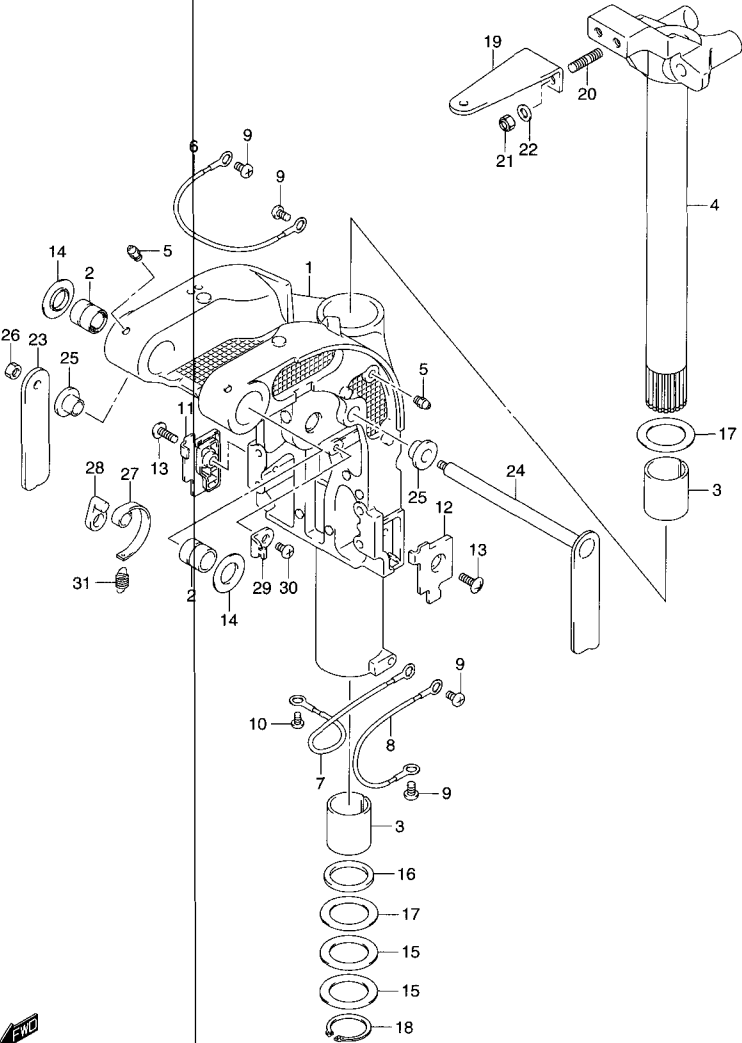


FIG.28 (F-5) SWIVEL BRACKET (DF60A,DF40AS)

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
23	41221-88L00	LEVER, TILT LOCK STBD	1	
24	41280-88L10	LEVER, TILT LOCK PORT	1	
25	41224-88L00	BUSH, TILT LOCK LEVER	2	
26	29141-93J00	NUT, TILT LOCK LEVER STBD	1	
27	41231-88L00	LINK, TILT LOCK LEVER	1	
28	41234-88L00	ARM, TILT LOCK LINK	1	
29	45731-96312	BRACKET, SPRING	1	
30	09125-06063	SCREW, TILT LOCK SPRING (6X10)	1	
31	09443-10043	SPRING, TILT LOCK	1	

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FIG.29

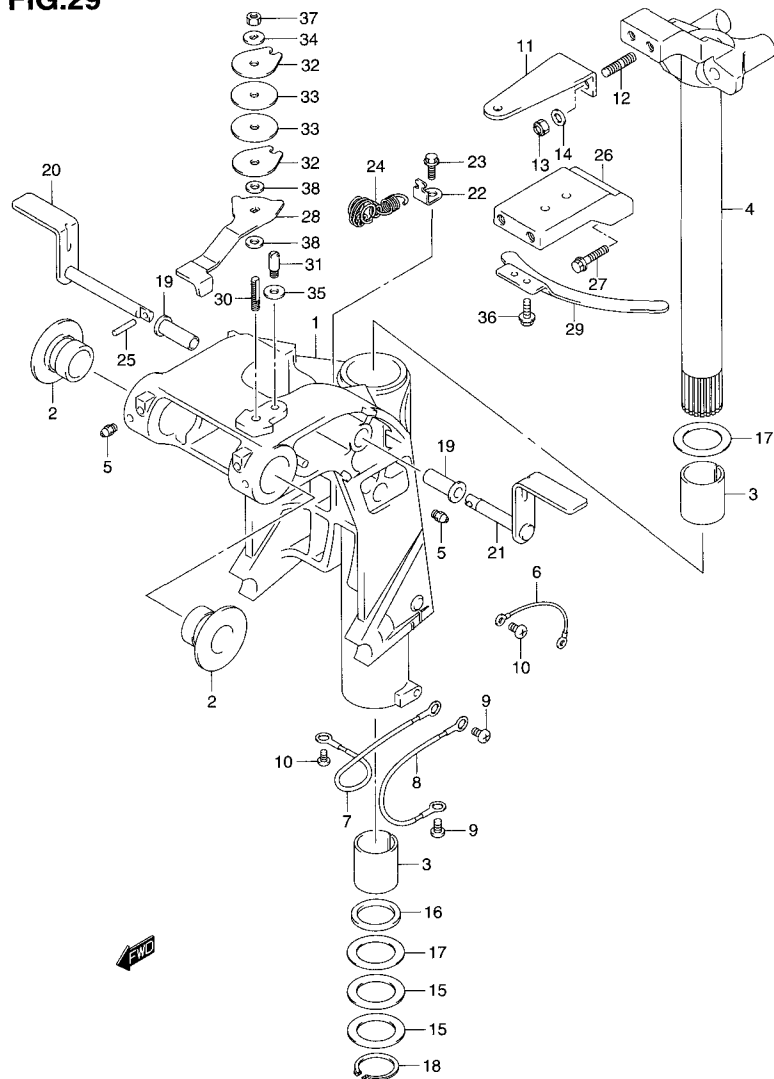


FIG.29 (F-6) SWIVEL BRACKET (*)

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1-1	43111-88L30-0EP	BRACKET, SWIVEL (S)	1	
1-2	43111-88L20-0EP	BRACKET, SWIVEL (L)	1	
2	43211-87J00	BUSH, SWIVEL BRACKET	2	
3	43711-89J10	BUSH, STEERING	2	
4-1	43750-88L30-0EP	BRACKET, STEERING (S)	1	
4-2	43750-88L20-0EP	BRACKET, STEERING (L)	1	
5	22511-99011	NIPPLE, GREASE	3	
6	36894-95201	LEAD (CLAMP TO SWIVEL)	1	
7	36895-87D01	LEAD (SWIVEL TO MOUNT BRKT)	1	
8	36895-87D01	LEAD (SWIVEL TO HOUSING)	1	
9	09125-06063	SCREW, LEAD (6X10)	2	
10	29125-93J10	SCREW, LEAD (5X8)	3	
11	43755-88L00-0EP	ATTACHMENT, STEERING BRKT	1	EXCEPT TH/QH
12	09108-10161	BOLT, ATTACHMENT STUD (10X20)	2	EXCEPT TH/QH
13	09159-10050	NUT, ATTACHMENT (M10)	2	EXCEPT TH/QH
14	09160-10141	WASHER, ATTACHMENT (10.5X19X2)	2	EXCEPT TH/QH
15	09160-39003	SHIM, SWIVEL BRKT (39.5X58X0.3)	2	
16	09282-39001	SEAL, SWIVEL BRKT (38X51X5)	1	
17	09160-39002	WASHER, PILOT SHAFT (39.5X58X1)	2	
18	09380-38003	CIRCLIP, PILOT SHAFT LOWER	1	
19	41226-97E00	BUSH, TILT LOCK LEVER	2	
20	41270-89J10	LEVER, TILT LOCK STBD	1	
21	41280-89J04	LEVER, TILT LOCK PORT	1	
22	45731-96312	BRACKET, SPRING	1	
23	09116-06094	BOLT, TILT LOCK SPRING (6X15)	1	
24	41230-97E10	SPRING, TILT LOCK	1	
25	09205-03012	PIN, TILT LOCK PLATE	1	

(*) : DF40A/50A, DF60AQH/60AWQH

FIG.29

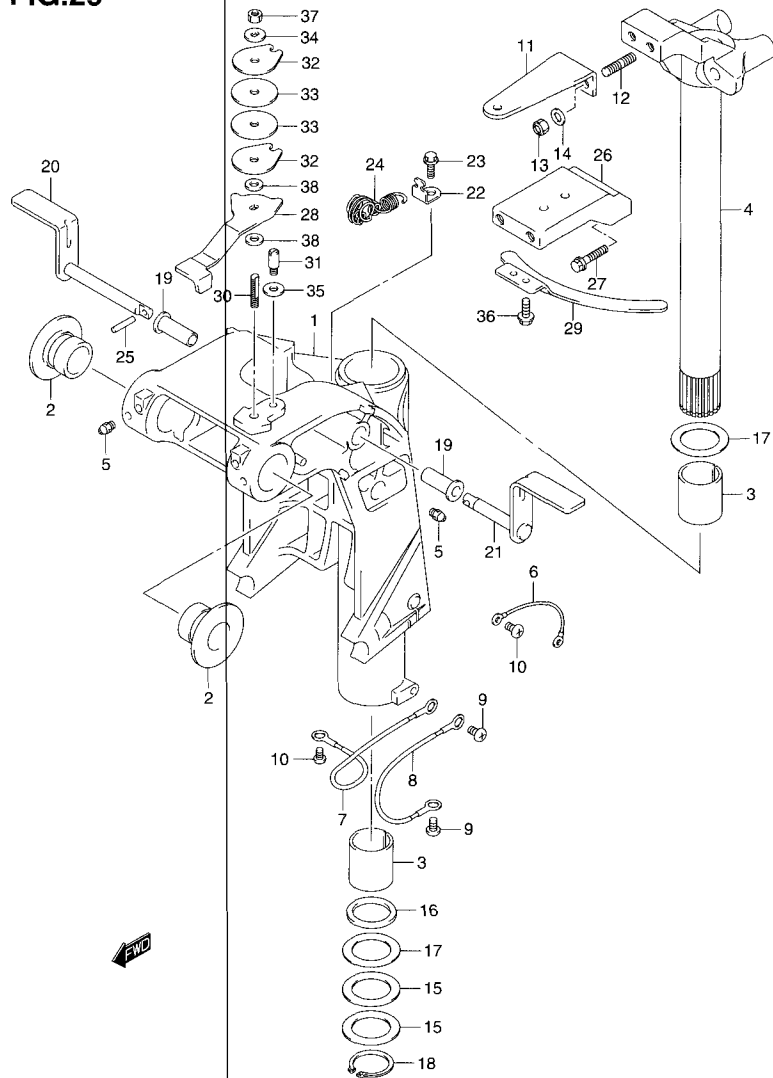


FIG.29 (F-7) SWIVEL BRACKET (*)

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
26	43755-88L12-0EP	EXTENSION, STRG BRKT	1	TH/QH
27	09116-10150	BPLT, ATTCHMENT	2	TH/QH
28	43411-88L00	ADJUSTER, STEERING	1	TH/QH
29	43415-88L00	PLATE, STEERING ADJUSTER	1	TH/QH
30	43512-88L00	SHAFT, STRG ADJ THREAD	1	TH/QH
31	43513-88L00	BOLT, STEERING ADJUSTER	1	TH/QH
32	43514-88L00	PLATE, STRG ADJ FRICTION	2	TH/QH
33	43515-88L00	WASHER, STRG ADJ FRICTION PLATE	2	TH/QH
34	43516-88L00	WASHER, STRG ADJ FRICTION	1	TH/QH
35	43517-88L00	SPACER, STEERING ADJUSTER	1	TH/QH
36	09116-06094	BOLT, STRG ADJ UPPER	2	TH/QH
37	09159-08059	NUT, STEERING ADJUSTER	1	TH/QH
38	09161-08011	WASHER, STEERING ADJUSTER	2	TH/QH

FIG.30

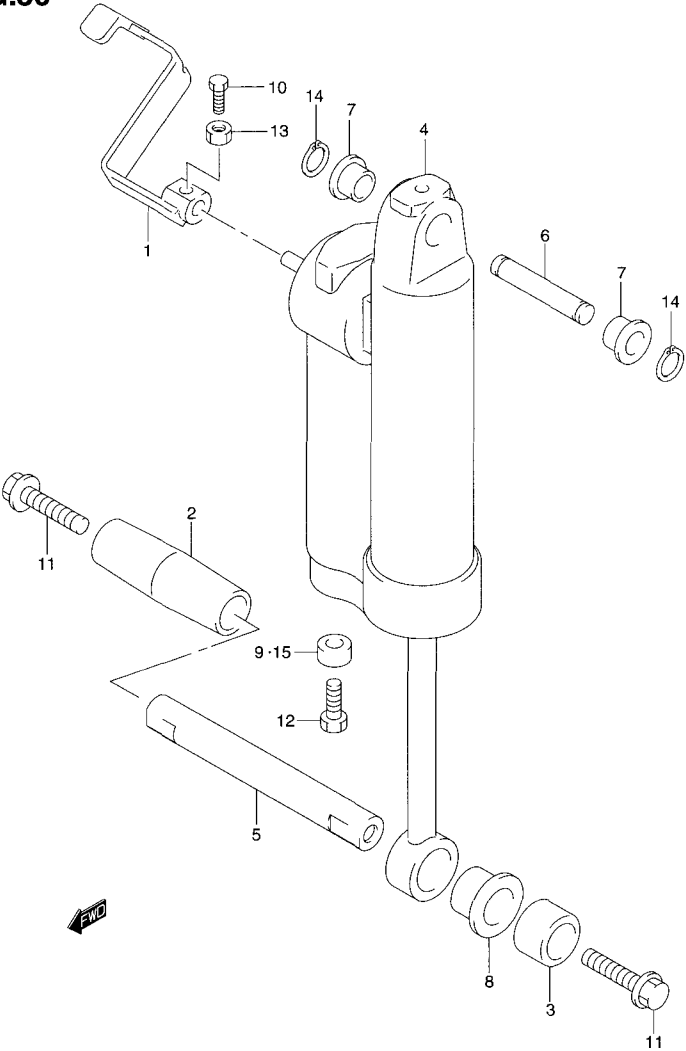
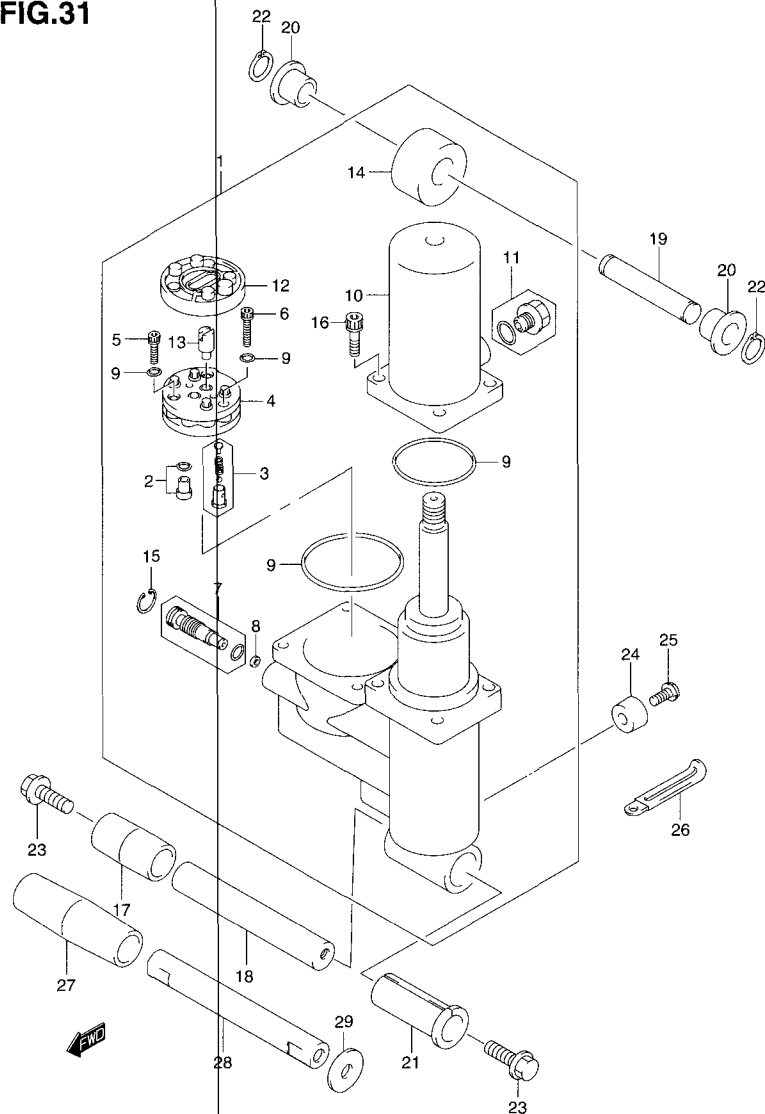


FIG.30 (F-8) GAS CYLINDER (TYPE:QH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	45260-89J00	LEVER, RELEASE	1	
2	47225-89J00	COLLAR, TILT CYL LOWER STBD	1	
3	47226-89J00	COLLAR, TILT CYL LOWER PORT	1	
4	47400-87J32	CYLINDER ASSY, GAS	1	
5	48121-89J10	SHAFT, TILT CYLINDER LOWER	1	
6	48321-89J11	SHAFT, TILT CYLINDER UPPER	1	
7	48325-89J00	BUSH, TILT CYLINDER UPPER	2	
8	48326-89J00	BUSH, TILT CYLINDER LOWER	1	
9	55321-87J00	ANODE, PROTECTION	1	
10	09100-06113	BOLT (6X16)	1	
11	09116-10131	BOLT (10X35)	2	
12	09103-06281	BOLT	1	
13	09140-06020	NUT	1	
14	09380-12002	E RING	2	
15	55321-87J10	ANODE (MAGNESIUM)	1	OPT

FIG.31



DF60A E01_031
TRIM CYLINDER

FIG.31 (F-9) TRIM CYLINDER

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1-1	48000-88L10	TRIM ASSY, POWER WITH TILT	1	DF40A/50A
1-2	48000-88L00	TRIM ASSY, POWER WITH TILT	1	DF60A
2	48320-87J10	·VALVE, UP PRESSURE	1	
3	48330-87J10	·VALVE, DOWN PRESSURE	1	
4	48510-97E00	·PUMP ASSY, GEAR	1	
5	48541-87J10	·BOLT	2	
6	48541-87J20	·BOLT	1	
7	48551-88L00	·VALVE, MANUAL	1	
8	48553-97E00	·SEAL WASHER	1	
9	48557-87J10	·O RING SET	1	
10	48571-88L00	·TANK, RESERVOIR	1	
11	48572-87J10	·PLUG	1	
12	48582-97E01	·FILTER	1	
13	48583-87J10	·JOINT, DRIVE	1	
14	48611-88L00	·JOINT, METAL	1	
15	48681-87J10	·CIRCLIP	1	
16	48862-87J10	·BOLT, TANK	4	
17	47225-88L00	COLLAR, TILT CYLINDER LOWER	1	DF60A
18	48121-88L00	SHAFT, TILT CYL LOWER	1	DF60A
19	48321-89J11	SHAFT, TILT CYL UPPER	1	
20	48325-89J00	BUSH, TILT CYL UPPER	2	
21	48326-87J00	BUSH, TILT CYL LOWER	1	
22	09380-12002	E RING, TILT CYL UPPER	2	
23	09116-10131	BOLT, SHAFT TILT CYL LOWER (10X35)	2	
24-1	55321-87J00	ANODE, PROTECTION	2	
24-2	55321-87J10	ANODE (MAGNESIUM)	1	OPT
25	09103-06281	BOLT, PROTECTION ANODE (6X14)	2	
26	29404-93J10	CLAMP	1	
27	47225-87J00	COLLAR, TILT CYLINDER LOWER	1	DF40A/50A
28	48121-89J10	SHAFT, TILT CYL LOWER	1	DF40A/50A
29	09160-10139	WASHER, SHAFT TILT CYL LOWER	1	DF40A/50A

DF60A E1

FIG.32

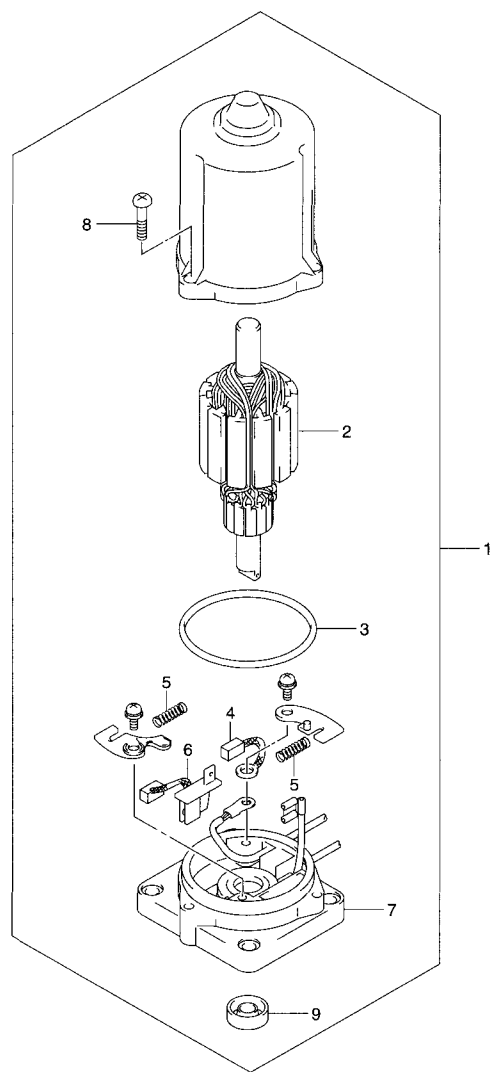


FIG.32 (F-10) PTT MOTOR

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	38100-88L00	MOTOR ASSY, PTT	1	
2	31311-87J10	•ARMATURE	1	
3	31123-97E00	•O RING	1	
4	31133-94900	•BRUSH	1	
5	31135-94900	•SPRING	2	
6	31136-87J10	•BREAKER ASSY	1	
7	31173-88L00	•HOLDER ASSY, BRUSH	1	
8	31111-87J10	•SCREW	3	
9	33799-97E00	•SEAL, OIL	1	

FIG.33

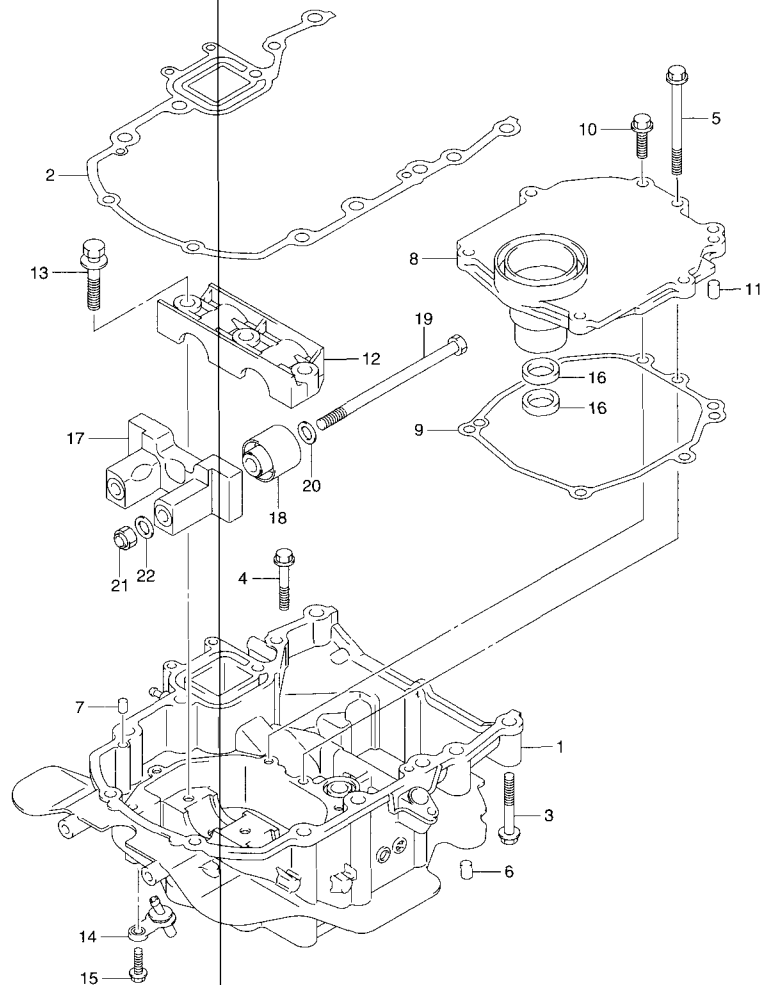


FIG.33 (F-11) ENGINE HOLDER (DF60A, DF40AS)

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	51110-88L00-0EP	HOLDER, ENGINE	1	
2	51211-88L00	GASKET, ENGINE HOLDER	1	
3	09116-08117	BOLT, ENGINE HOLDER (W/WASHER) (8X55)	8	
4	01550-0845A	BOLT, ENGINE HOLDER	1	
5	01550-0885A	BOLT, ENGINE HOLDER	1	
6	09202-08006	PIN, ENGINE HOLDER (PAN)	2	
7	09202-08006	PIN, ENGINE HOLDER (BLOCK)	2	
8	51122-88L00	COVER, MOUNT CASE	1	
9	51123-88L00	GASKET, MOUNT CASE COVER	1	
10	01550-0825A	BOLT, MOUNT CASE COVER	6	
11	09202-08006	PIN, MOUNT CASE COVER	2	
12	54137-88L00	COVER, UPPER MOUNT	1	
13	09116-10139	BOLT, UPPER MOUNT COVER (W/WASHER) (10X44)	3	
14	51170-88L00	BRACKET, WATER INDICATOR	1	
15	09116-06204	BOLT, WATER INDICATOR UNION (W/WASHER) (6X20)	1	
16	09282-17011	SEAL, DRIVE SHAFT UPPER OIL (16.5X28X6)	2	
17	54120-88L00	MOUNT, UPPER THRUST	1	
18	54130-88L00	MOUNT, UPPER	2	
19	54166-95J02	BOLT, UPPER MOUNT	2	
20	54114-88L00	WASHER, UPPER MOUNT BOLT (12.5X25X3)	2	
21	09159-12014	NUT, UPPER MOUNT (M12)	2	
22	09160-12110	WASHER, UPPER THRUST MOUNT (12.5X22X3)	2	

REFER TO FIG.34 (F-12) FOR DF40A/50A, DF60AQH/60AWQH

FIG.34

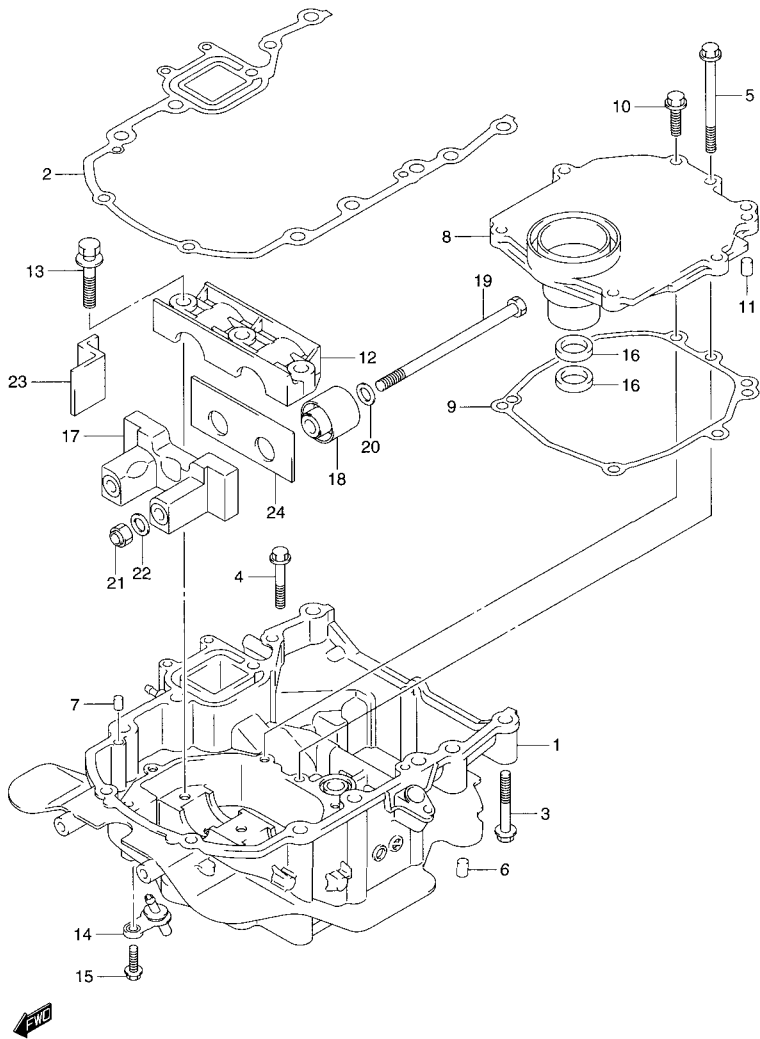


FIG.34 (F-12) ENGINE HOLDER (※)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	51110-88L00-0EP	HOLDER, ENGINE	1	
2	51211-88L00	GASKET, ENGINE HOLDER	1	
3	09116-08117	BOLT, ENGINE HOLDER (W/WASHER) (8X55)	8	
4	01550-0845A	BOLT, ENGINE HOLDER	1	
5	01550-0885A	BOLT, ENGINE HOLDER	1	
6	09202-08006	PIN, ENGINE HOLDER (PAN)	2	
7	09202-08006	PIN, ENGINE HOLDER (BLOCK)	2	
8	51122-88L00	COVER, MOUNT CASE	1	
9	51123-88L00	GASKET, MOUNT CASE COVER	1	
10	01550-0825A	BOLT, MOUNT CASE COVER	6	
11	09202-08006	PIN, MOUNT CASE COVER	2	
12	54137-88L00	COVER, UPPER MOUNT	1	
13	09116-10139	BOLT, UPPER MOUNT COVER (W/WASHER) (10X44)	3	
14	51170-88L00	BRACKET, WATER INDICATOR	1	
15	09116-06204	BOLT, WATER INDICATOR UNION (W/WASHER) (6X20)	1	
16	09282-17011	SEAL, DRIVE SHAFT UPPER OIL (16.5X28X6)	2	
17	54124-88L20	BRACKET, UPPER THRUST	1	
18	54130-88L00	MOUNT, UPPER	2	
19	54166-95J02	BOLT, UPPER MOUNT	2	
20	54114-90J01	WASHER, UPPER MOUNT BOLT (12.5X25X3)	2	
21	09159-12014	NUT, UPPER MOUNT (M12)	2	
22	54114-90J01	WASHER, UPPER THRUST MOUNT (12.5X22X3)	2	
23	54121-88L00	MOUNT, UPPER THRUST FR	2	
24	54123-88L00	MOUNT, UPPER THRUST RR	1	

(※) : DF40A/50A, DF60AQH/60AWQH

FIG.35

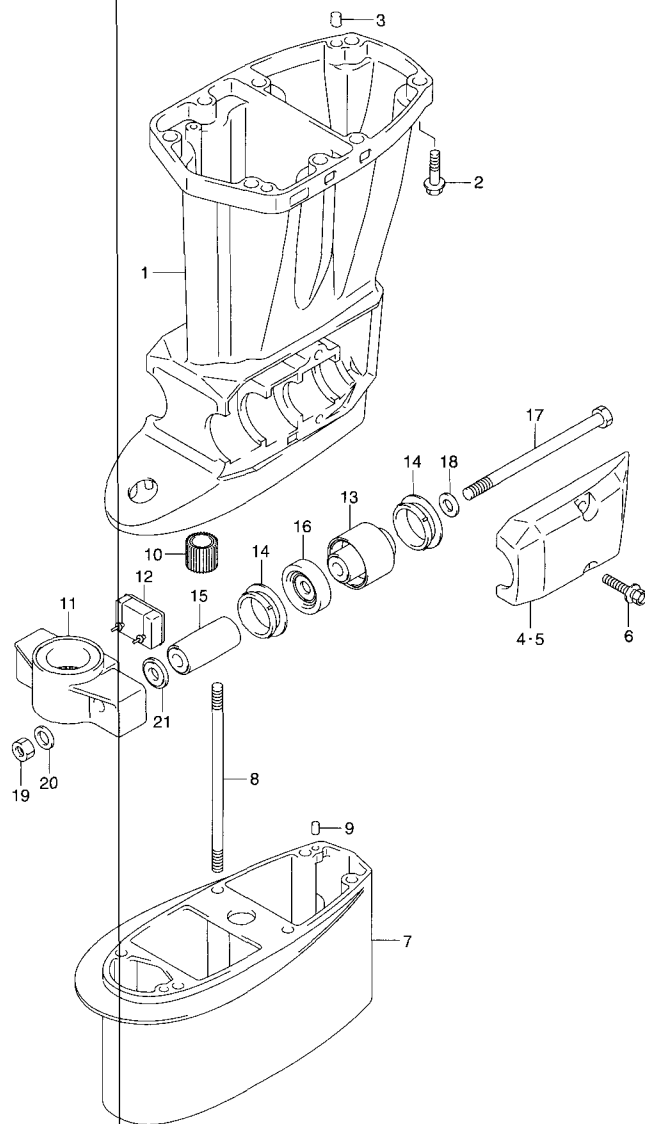


FIG.35 (F-13) DRIVE SHAFT HOUSING (DF60A, DF40AS)

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1-1	52111-88L00-0EP	HOUSING, DRIVE SHAFT (S)	1	
1-2	52111-88L10-0EP	HOUSING, DRIVE SHAFT (L, X)	1	
2	09116-10139	BOLT, DRIVE SHAFT HOUSING (W/WASHER) (10X44)	8	
3	09202-08006	PIN, KNOCK	2	
4	54221-88L00-0EP	COVER, LOWER MOUNT STBD	1	
5	54231-88L00-0EP	COVER, LOWER MOUNT PORT	1	
6	09116-10139	BOLT, LOWER MOUNT COVER (W/WASHER) (10X44)	4	
7	52131-88L00-0EP	CASE, EXTENSION	1	TYPE:X
8	09108-08254	BOLT, EXTENSION CASE STUD (8X162)	6	TYPE:X
9	09202-06023	PIN, KNOCK	2	TYPE:X
10	57130-94301	BUSH, DRIVE SHAFT	1	TYPE:X
11	54211-87J10-0EP	BRACKET, LOWER MOUNT	1	
12	54151-88L00	MOUNT, LOWER THRUST	1	
13	54160-88L00	MOUNT, LOWER	2	
14	54167-87L01	MOUNT, LOWER SIDE	4	
15	54170-88L00	CUSHION, LOWER MOUNT	2	
16	54180-88L00	DAMPER, FWD STOPPER	2	
17	54166-95J02	BOLT, LOWER MOUNT (12X200)	2	
18	54114-88L00	WASHER, LOWER MOUNT BOLT (12.5X25X3)	2	
19	09159-12014	NUT, LOWER MOUNT (M12)	2	
20	09160-12110	WASHER, LOWER MOUNT NUT (12.5X22X3)	2	
21	09160-12113	WASHER, LOWER MOUNT (12.5X30X2.5)	2	

REFER TO FIG.36 (F-14) FOR DF40A/50A, DF60AQH/60AWQH

FIG.36

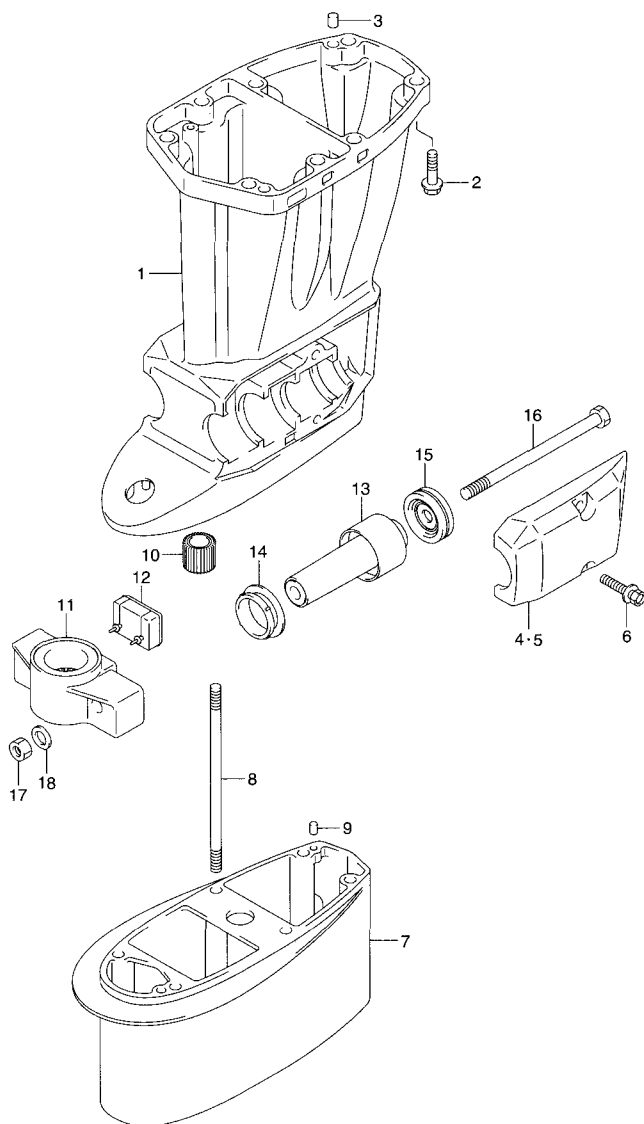


FIG.36 (F-14) DRIVE SHAFT HOUSING (*)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	52111-88L00-0EP	HOUSING, DRIVE SHAFT (S)	1	
1-2	52111-88L10-0EP	HOUSING, DRIVE SHAFT (L, X)	1	
2	09116-10139	BOLT, DRIVE SHAFT HOUSING (W/WASHER) (10X44)	8	
3	09202-08006	PIN, KNOCK	2	
4	54221-88L00-0EP	COVER, LOWER MOUNT STBD	1	
5	54231-88L00-0EP	COVER, LOWER MOUNT PORT	1	
6	09116-10139	BOLT, LOWER MOUNT COVER (W/WASHER) (10X44)	4	
7	52131-88L00-0EP	CASE, EXTENSION	1	TYPE:X
8	09108-08254	BOLT, EXTENSION CASE STUD (8X162)	6	TYPE:X
9	09202-06023	PIN, KNOCK	2	TYPE:X
10	57130-94301	BUSH, DRIVE SHAFT	1	TYPE:X
11	54211-87J10-0EP	BRACKET, LOWER MOUNT	1	
12	54151-88L00	MOUNT, LOWER THRUST	1	
13	54160-88L10	MOUNT, LOWER	2	
14	54167-87L01	MOUNT, LOWER SIDE	2	
15	54180-88L00	DAMPER, FWD STOPPER	2	
16	54166-95J02	BOLT, LOWER MOUNT (12X200)	2	
17	09159-12014	NUT, LOWER MOUNT (M12)	2	
18	54114-90J01	WASHER, LOWER MOUNT NUT (12.5X22X3)	2	

(*) : DF40A/50A, DF60AQH/60AWQH

FIG.37

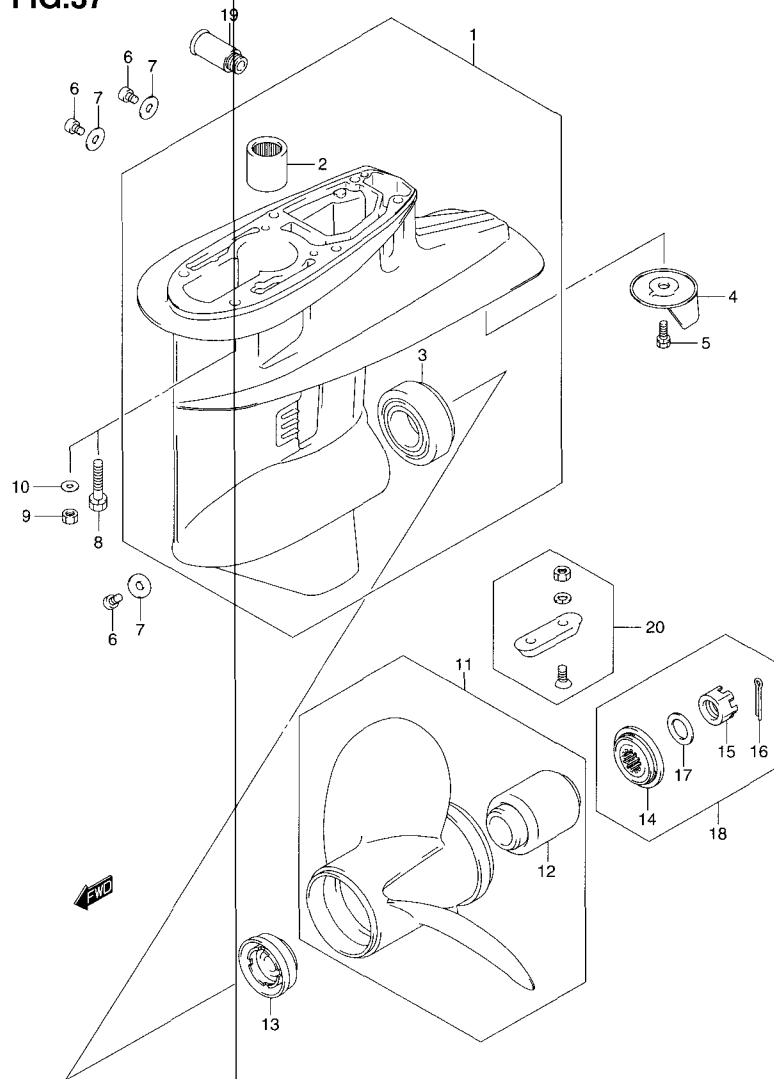
DF60A E01_037
GEAR CASE

FIG.37 (F-15) GEAR CASE

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	55100-87J50-0EP	CASE ASSY, GEAR	1	
2	09263-22039	•BEARING, PINION (22X30X30)	1	
3	09265-30004	•BEARING, PROP SHAFT TAPER RLR (30X62X17.25)	1	
4	55125-95500	TAB, TRIM	1	
5	09117-08037	BOLT, TRIM TAB (W/WASHER) (8X16)	1	
6	09248-10008	PLUG, DRAIN (10X7.5)	3	
7	09168-10022	GASKET, DRAIN PLUG	3	
8	09116-08131	BOLT, GEAR CASE (W/WASHER) (8X45)	6	TYPE:S, L
9	09140-08023-XC0	NUT, GEAR CASE (M8)	6	TYPE:X
10	09160-08082	WASHER, GEAR CASE (8.5X16X1.2)	6	TYPE:X
11-1	58100-88L01-019	PROPELLER (3X11—1/2X9)	1	
11-2	58100-88L11-019	PROPELLER (3X11—1/2X10)	1	
11-3	58100-88L21-019	PROPELLER (3X11—1/2X11)	1	
11-4	58100-88L31-019	PROPELLER (3X11—5/8X12)	1	
11-5	58100-88L41-019	PROPELLER (3X11—1/2X13)	1	
11-6	58100-88L51-019	PROPELLER (3X11—3/8X14)	1	
11-7	58100-88L61-019	PROPELLER (3X11—1/4X15)	1	
11-8	58100-88L71-019	PROPELLER (3X11—1/8X16)	1	
11-9	58100-88L81-019	PROPELLER (3X11X17)	1	
12	58120-88L00	•BUSH, PROPELLER	1	
13	57632-95320	STOPPER, PROPELLER BUSH	1	
14	57633-94300	SPACER, PROPELLER NUT	1	
15	09141-18005	NUT, PROPELLER (M18)	1	
16	09204-03003	PIN, COTTER (L:25)	1	
17	09160-18028	WASHER, PROP NUT (18.5X31X1)	1	
18	57630-94300	KIT, PROPELLER NUT	1	OPT
19	55181-95200	ATTACHMENT, FLUSH HOSE	1	OPT
20	55300-95500	ZINK ASSY, PROTECTION	1	OPT
21	25700-88L00	SEALING KIT, GEAR CASE	1	OPT NOT SHOWN

DF60A E1

FIG.38

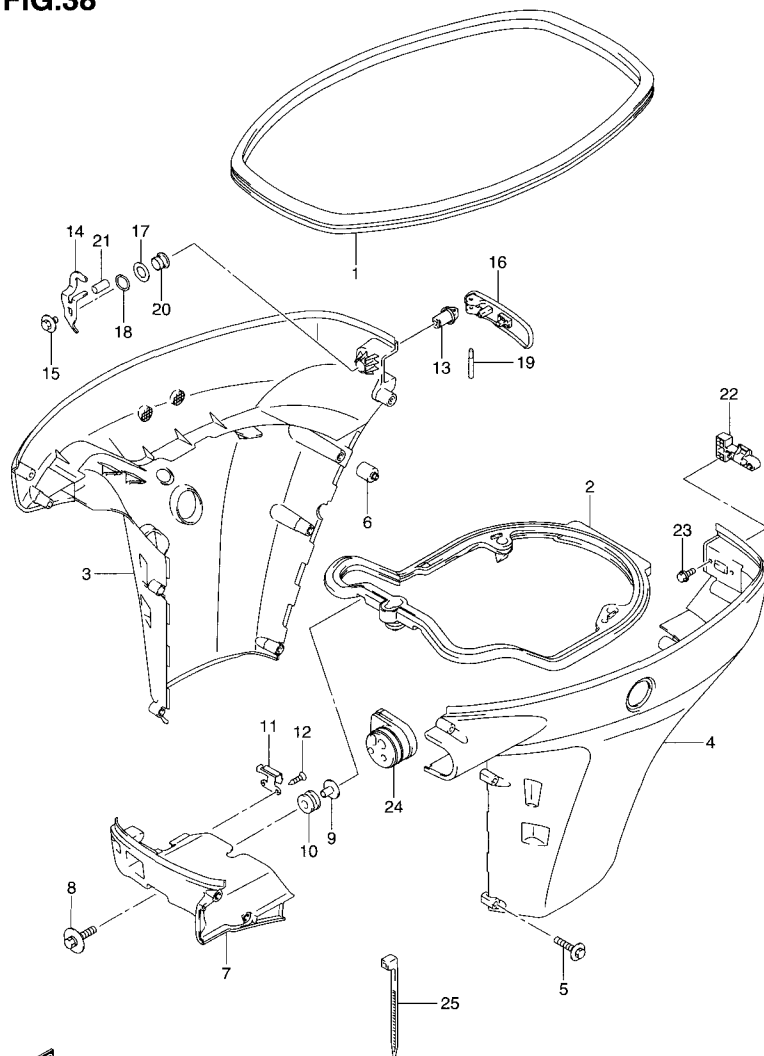


FIG.38 (G-2) SIDE COVER

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	61112-88L00	RUBBER, SIDE COVER	1	DF60A
1-2	61112-88L10	RUBBER, SIDE COVER	1	DF40A/50A
2	61134-88L00	SEAL, SIDE COVER	1	
3-1	61811-88L10-0EP	COVER, SIDE STBD (S)	1	
3-2	61811-88L00-0EP	COVER, SIDE STBD (L, X)	1	
4-1	61821-88L10-0EP	COVER, SIDE PORT (S)	1	
4-2	61821-88L00-0EP	COVER, SIDE PORT (L, X)	1	
5-1	61815-99J00	SCREW, SIDE COVER (W/WASHER) (6X35)	9	TYPE:S
5-2	61815-99J00	SCREW, SIDE COVER (W/WASHER) (6X35)	10	TYPE:L, X
6	61151-88L00	CUSHION, SIDE COVER	1	
7	61831-88L00-0EP	PANEL, FRONT	1	
8	09118-08127	BOLT, FRONT PANEL (W/WASHER) (8X40)	2	
9	09169-08039	WASHER, FRONT PANEL	2	
10	09320-11013	CUSHION, FRONT PANEL	2	
11	61412-88L00	HOOK, FRONT PANEL	1	
12	03542-05169	SCREW, FRONT HOOK	2	
13	61632-93J00	SHAFT, ENGINE COVER HOOK	1	
14	61641-88L00	HOOK, ENGINE COVER	1	
15	09116-06127	BOLT, HOOK (W/WASHER) (6X12)	1	
16	61633-88L00	LEVER, HOOK REAR	1	
17	09160-13014	WASHER, REAR HOOK LEVER (13.2X25X1.0)	1	
18	09164-14008	WASHER, WAVE	1	
19	09202-04022	PIN, HOOK LEVER	1	
20	09306-13007	BUSH, HOOK LEVER	1	
21	09352-50901-600	CUSHION, HOOK	1	L:600→20
22	61673-93J10	LATCH, HOOK LEVER	1	
23	01550-05107	BOLT, LATCH REAR	2	
24-1	61124-88L00	GROMMET, REMOCON CABLE	1	
24-2	61124-88L10	GROMMET, REMOCON CABLE	1	DF60A:110001~ DF40A/50A
25	09407-25402	BAND, REMOCON CABLE GROMMET	1	



FIG.39

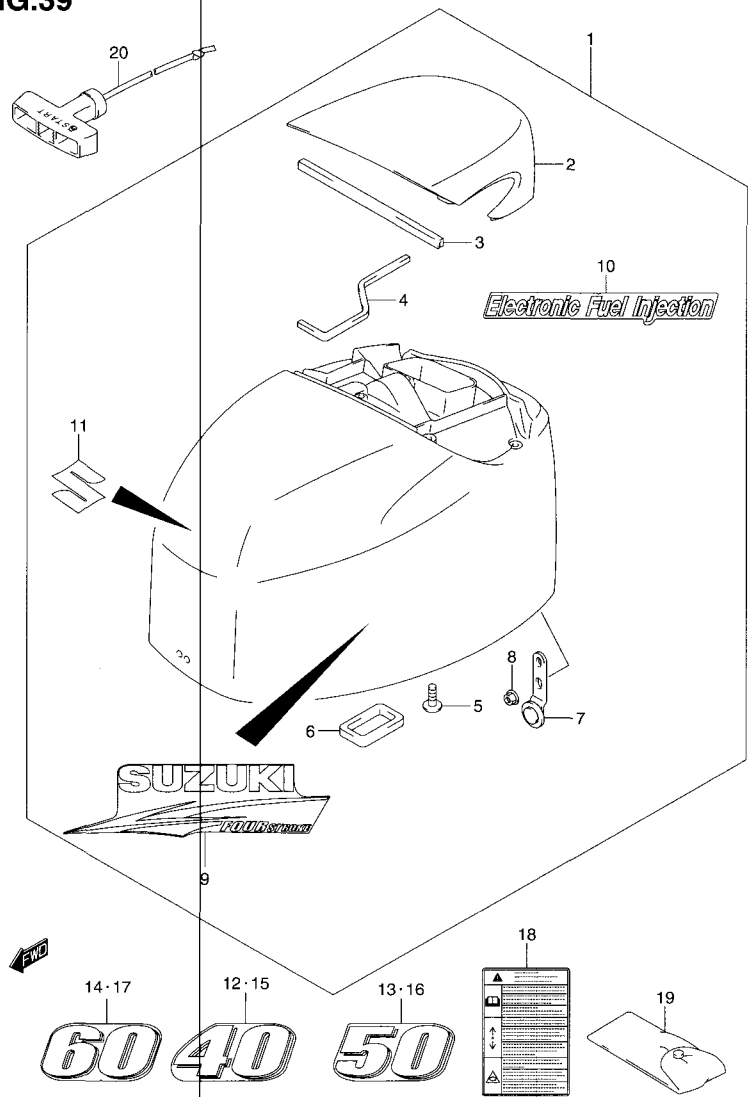


FIG.39 (G-3) ENGINE COVER

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	61400-88800-0EP	COVER SET, ENGINE	1	
2	61431-88L00-0EP	•HANDLE, TILT UP	1	
3	61438-88L00	•SEAL, TILT UP HANDLE NO.1	1	
4	61439-88L00	•SEAL, TILT UP HANDLE NO.2	1	
5	03542-06169	•BOLT, TILT UP HANDLE	5	
6	61476-88L00	•SEAL, AIR VENT	1	
7	61610-95J00	•FASTENER	1	
8	09159-06084	•NUT, REAR FASTENER (M6)	1	
9-1	61443-88L01	•STRIPE, ENGINE COVER STBD	1	
9-2	61453-88L01	•STRIPE, ENGINE COVER PORT	1	
10	61446-87L10	•DECAL, EFI	1	
11	68111-18G20	•EMBLEM (S)	1	
12	61422-88L01	MARK, EMBLEM FRONT (40)	1	
13	61422-88L11	MARK, EMBLEM FRONT (50)	1	
14	61422-88L21	MARK, EMBLEM FRONT (60)	1	
15	61435-88L01	MARK, EMBLEM REAR (40)	1	
16	61435-88L11	MARK, EMBLEM REAR (50)	1	
17	61435-88L21	MARK, EMBLEM REAR (60)	1	
18-1	61458-99E40	LABEL, ENGINE COVER	1	
18-2	61458-99E31	LABEL, ENGINE COVER	1	E40
19	09800-81812	TOOL SET	1	
20	18210-88L00	KNOB ASSY, STARTER	1	

FIG.40

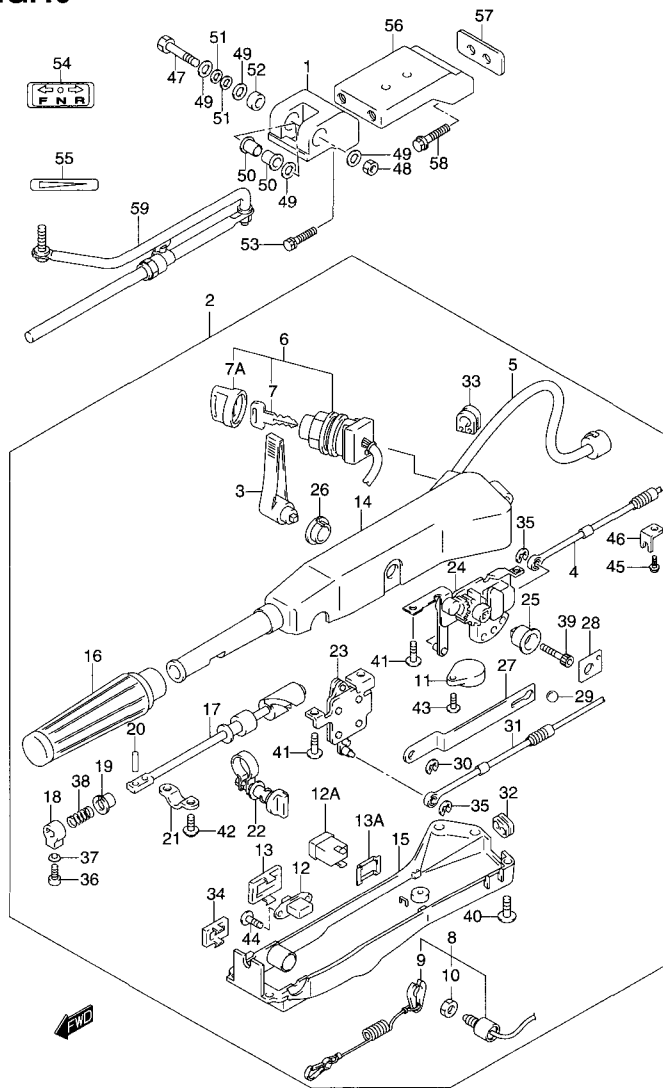
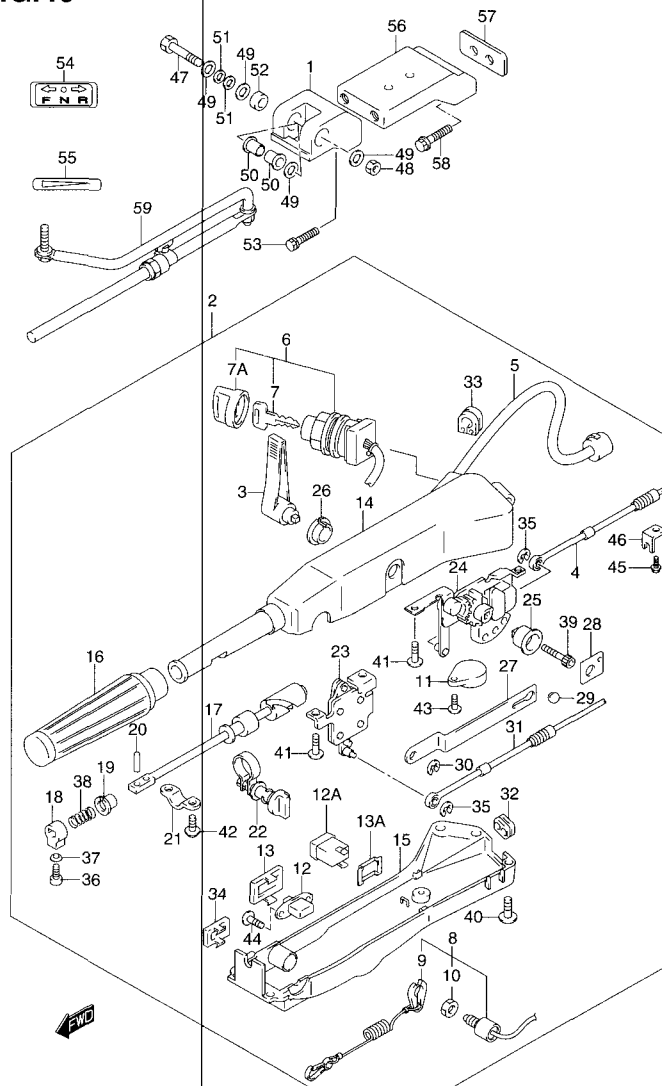


FIG.40 (G-4) TILLER HANDLE (TYPE:TH/QH)

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	43761-87J11-0EP	BRACKET, TILLER HANDLE	1	
2-1	63110-88L00-0EP	HANDLE ASSY, TILLER	1	
2-2	63110-88L01-0EP	HANDLE ASSY, TILLER	1	DF60ATH:011481~
2-3	63110-88L03-0EP	HANDLE ASSY, TILLER	1	DF60ATH:110001~ DF50ATH
2-4	63110-88L13-0EP	HANDLE ASSY, TILLER	1	QH
3	21111-87J10-0EP	•LEVER, SHIFT	1	
4	23230-88L00	•CABLE, SHIFT	1	
5-1	36620-87J20	•WIRE ASSY, HANDLE	1	
5-2	36620-88L00	•WIRE ASSY, HANDLE	1	DF60ATH:110001~ DF50ATH
6	37110-87J20	•SWITCH ASSY, IGNITION	1	
7-1	37141-99E00	••KEY (931)	1	
7-2	37141-99E10	••KEY (932)	1	
7-3	37141-99E20	••KEY (933)	1	
7-4	37141-99E30	••KEY (934)	1	
7-5	37141-99E40	••KEY (935)	1	
7-6	37141-99E50	••KEY (936)	1	
7-7	37141-99E60	••KEY (937)	1	
7-8	37141-99E70	••KEY (938)	1	
7-9	37141-99E80	••KEY (939)	1	
7-10	37141-99E90	••KEY (940)	1	
7-11	37141-99EA0	••KEY (941)	1	
7-12	37141-99EB0	••KEY (942)	1	
7A	37143-99E00	••CAP, KEY	1	
8	37820-87J02	•SWITCH ASSY, EMERGENCY	1	
9	37823-92E01	••PLATE, LOCK	1	
10	37826-92E00	•NUT	1	
11	38500-92X50	•BUZZER	1	
12	37860-94610	•SWITCH, TRIM	1	DF60ATH:~011480
12A	37850-87J00	•SWITCH ASSY, TRIM	1	DF60ATH:011481~ DF50ATH
13	37869-95590	•CAP, TRIM SWITCH	1	DF60ATH:~011480
13A	37852-87J00	•PLATE, TRIM SWITCH	1	DF60ATH:011481~ DF50ATH

FIG.40



DF60A E01_040
TILLER HANDLE (TYPE:TH)

FIG.40 (G-5) TILLER HANDLE (TYPE:TH/QH)

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
14	63111-87J10-0EP	·HOUSING, TILLER HANDLE	1	
15-1	63121-87J02	·COVER, UNDER	1	→63120-87J00 COVER KIT. UNDER
15-2	63121-87J03	·COVER, UNDER	1	DF60ATH:011481~ DF50ATH
16	63210-93E30	·GRIP, HANDLE	1	
17	63221-87J00	·SHAFT, THROTTLE	1	
18	63223-92D00	·STOPPER, HANDLE ROD	1	
19	63225-93200	·BUSH, HANDLE ROD	1	
20	63227-93200	·PIN, HANDLE ROD	1	
21	63235-87J00	·PLATE, THROTTLE SHAFT	1	
22	63240-87J00	·ADJUSTER, THROTTLE	1	
23	63250-87J01	·ARM ASSY, THROTTLE	1	
24	63260-87J02	·GEAR ASSY, SHIFT	1	
25	63261-87J00	·BUSH, SHIFT GEAR	1	
26	63262-87J00	·BUSH, SHIFT LEVER	1	
27	63271-87J00	·PLATE, LOCK	1	
28	63272-87J00	·PLATE, BALL GUIDE	1	
29	63273-87J00	·BALL	1	
30	63274-87J00	·E RING	1	
31	63610-88L00	·CABLE, THROTTLE	1	
32	63625-87J00	·GROMMET, THROTTLE CABLE	1	
33	63626-87J01	·GROMMET, WIRE HARNESS	1	
34	67263-87J10	·COVER, TRIM SWITCH	1	QH
35	67292-87J00	·E RING	2	
36	09126-06015	·SCREW (6X23)	1	
37	09163-06001	·LOCK WASHER	1	
38	09440-12027	·SPRING	1	
39	09106-08099	·BOLT (8X50)	1	
40	09125-05047	·SCREW (5X14)	6	
41	63251-87J00	·BOLT (6X12)	4	
42	09136-05008	·SCREW (5X12)	2	
43	02142-05207	·SCREW	1	
44	09139-02003	·SCREW (2X6)	2	DF60ATH:~011480
45	63611-87J00	·BOLT CLAMP BRACKET	2	
46	63612-87J00	·BRACKET, CLAMP	2	

DF60A E1

FIG.40

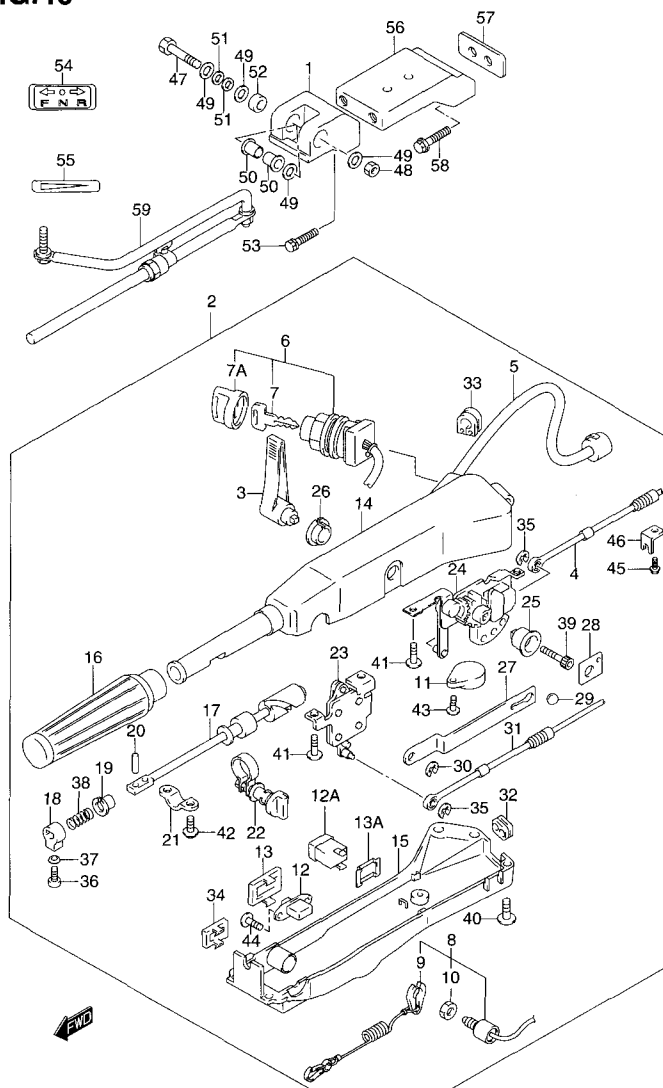


FIG.40 (G-6) TILLER HANDLE (TYPE:TH/QH)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
47	09100-10264	BOLT (10X80)	1	
48	09159-10050	NUT	1	
49	09160-10114	WASHER (10.5X22X1.5)	4	
50	09306-10020	BUSH	2	
51	09164-10016	WASHER	2	
52	43768-90J01	SPACER, TILLER HANDLE	1	
53	09117-10058	BOLT (10X45)	2	
54	21131-96010	MARK, CLUTCH SHIFT	1	
55	63215-93110	MARK, HANDLE GRIP	1	
56-1	43755-88L10-0EP	EXTENSION, STRG BRKT	1	
56-2	43755-88L11-0EP	EXTENSION, STRG BRKT	1	DF60ATH:011021~
56-3	43755-88L12-0EP	EXTENSION, STRG BRKT	1	DF60ATH:110001~
57	43776-87L00	SPACER, STRG BRKT	1	DF60ATH:~011020
58	09116-10150	BOLT (10X55)	2	
59	43770-99E03	ADJUSTER ASSY, STEERING	1	

FIG.41

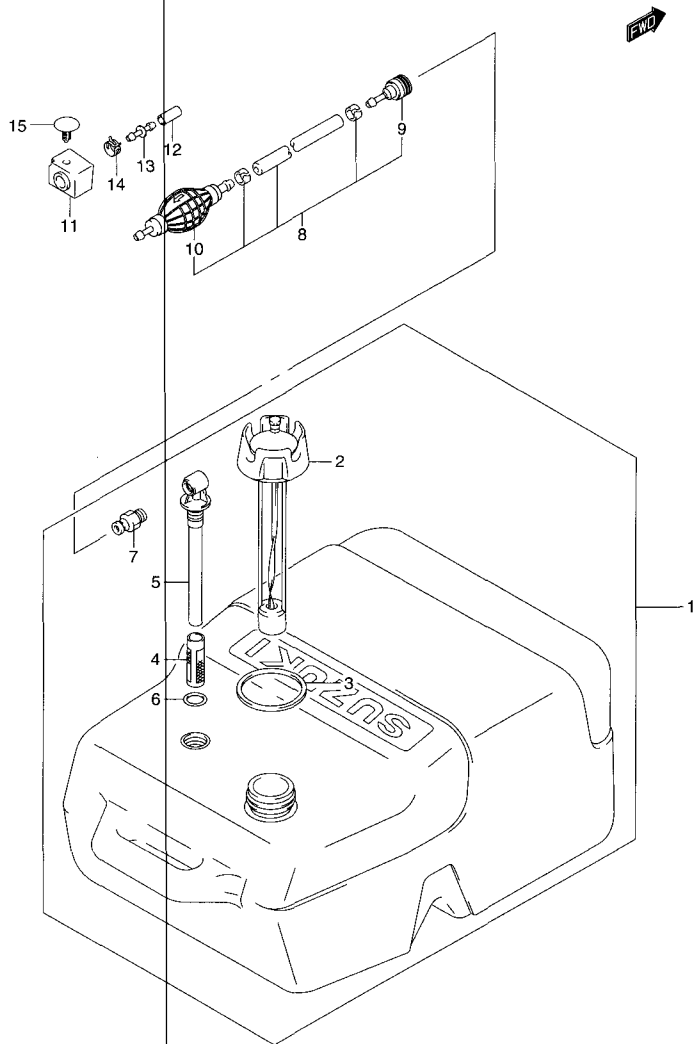


FIG.41 (G-7) FUEL TANK (PLASTIC)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	65000-95D01	TANK ASSY, FUEL (25L)	1	
2	65520-95D00	•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	65700-90J12	HOSE, FUEL	1	
9	65750-95500	•SOCKET	1	
10	65770-95505	•PUMP, SQUEEZE	1	
11	61188-88L00	GROMMET, FUEL HOSE	1	
12	09251-07003	CAP, FUEL JOINT	1	
13	09367-08001	JOINT, FUEL HOSE	1	
14	09401-11423	CLIP, FUEL HOSE	1	
15	09409-05312-6GS	CLIP, FUEL HOSE GROMMET	1	

FIG.42

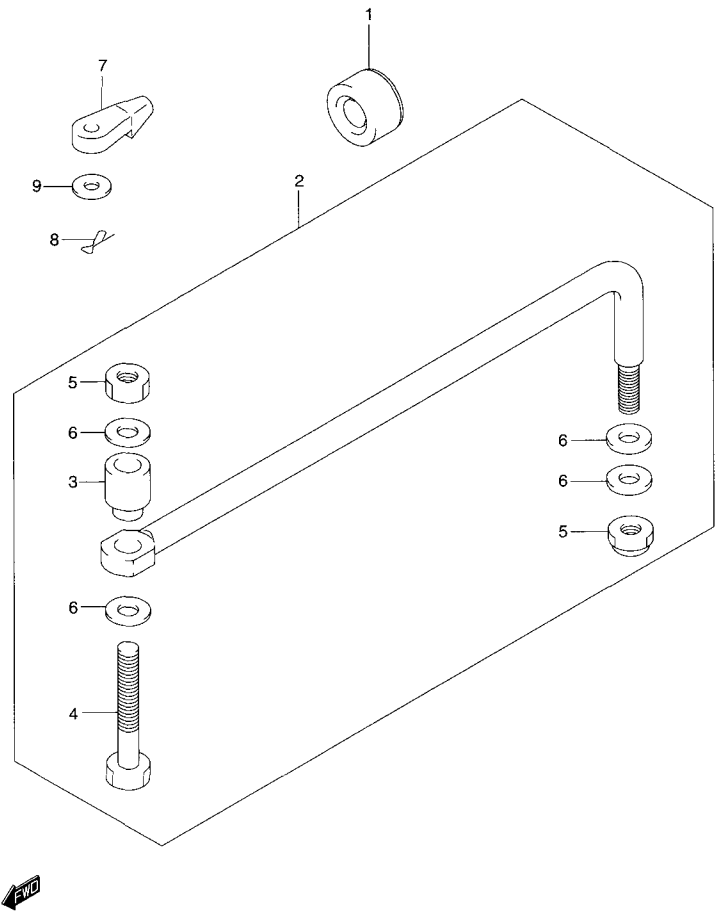
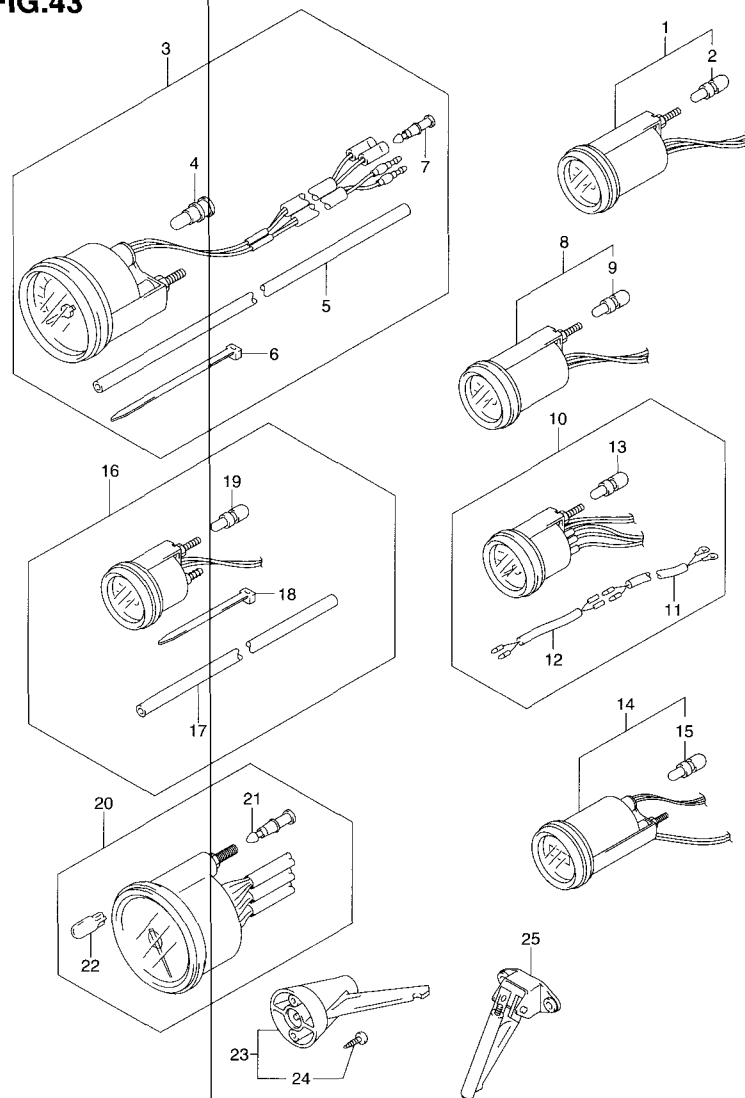


FIG.42 (G-8) DRAG LINK

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	41161-94400	SEAL, STEERING CABLE	1	EXCEPT TH
2	67701-87J11	LINK, DRAG	1	EXCEPT TH
3	67721-87J00	•SPACER	1	
4	67725-99E00	•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 (7X12X1.0)	2	
10	67700-93J00	LINK SET, DRAG	1	OPT FOR TH NOT SHOWN INC.NO.1~6

FIG.43



DF60A E01_043
OPT : METER

FIG.43 (H-2) OPT:METER

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1-1	34800-93J00	METER ASSY, TRIM	1	BLACK
1-2	34800-93J11	METER ASSY, TRIM	1	WHITE
2	09471-12103	·BULB	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	1	
5	34191-92E00	·TUBE	1	
6	09407-14407	·BAND	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	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	1	
14-1	34500-93J00	METER ASSY, HOUR	1	BLACK
14-2	34500-93J11	METER ASSY, HOUR	1	WHITE
15	09471-12103	·BULB	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	·BAND	2	
19	09471-12103	·BULB	1	

DF60A E1

FIG.43

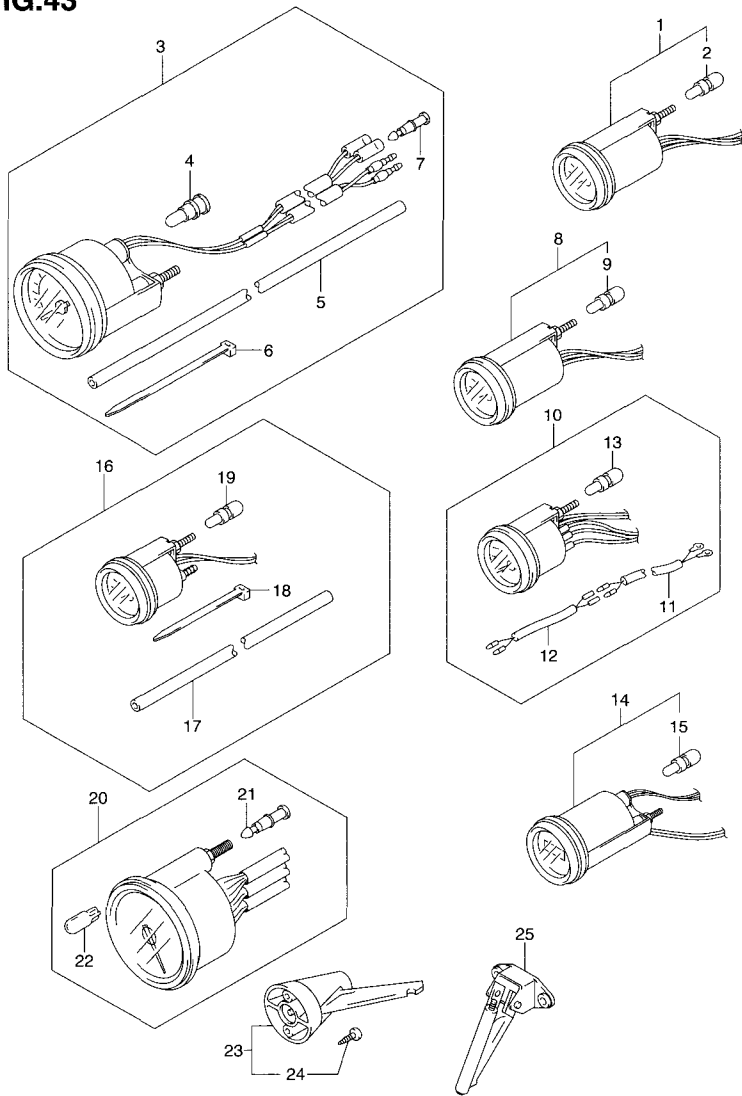


FIG.43 (H-3) OPT:METER

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
20-1	34200-93J00	TACHOMETER ASSY, WITH MONITOR	1	BLACK
20-2	34200-93J11	TACHOMETER ASSY, WITH MONITOR	1	WHITE
21	36615-96300	•TERMINAL, RESIN	4	
22	09471-12077	•BULB	1	
23	34190-95500	SENDER ASSY, SPEEDOMETER	1	
24	03112-06303	•SCREW	2	
25	34190-87D00	SENDER, SPEEDOMETER	1	

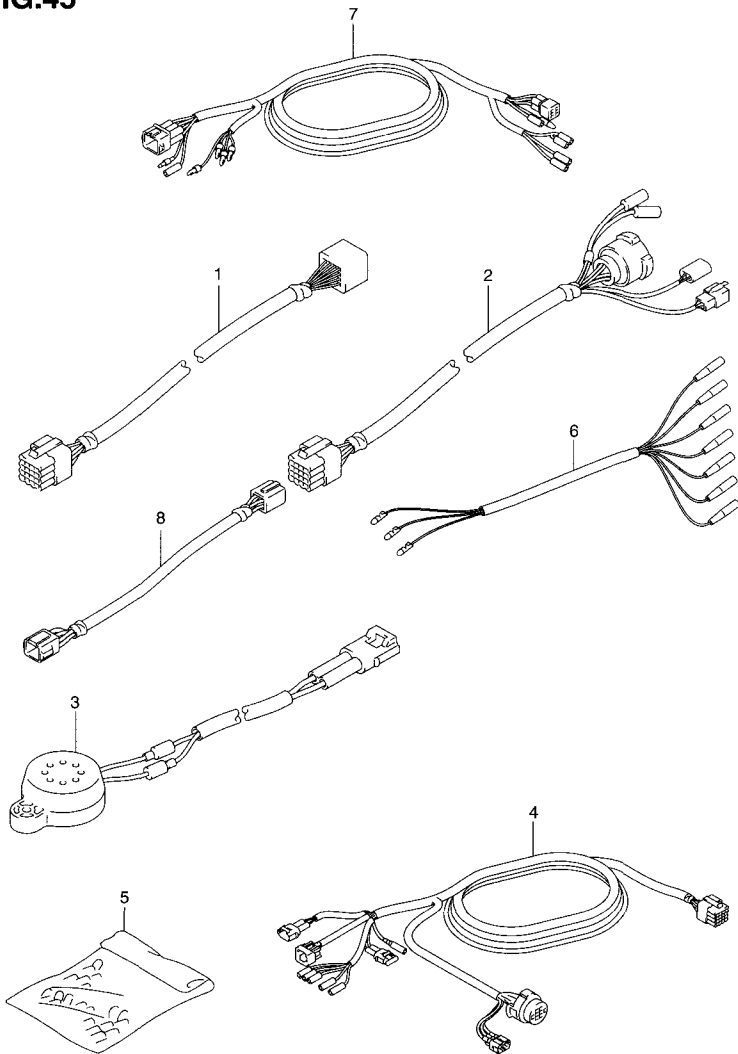
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DF60A E1

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	34660-90J02	WATER PRESSURE GAUGE SUB KIT	1	
2	09352-50903-600	•HOSE	1	L:600→160 NOT FOR DF40A/50A/60A
3	09352-50903-600	•HOSE	1	L:600→210 NOT FOR DF40A/50A/60A
4	09367-06006	•3 WAY	1	
5	09401-08413	•CLIP	4	2PCS FOR DF40A/50A/60A
6	18498-99EA0	•PROTECTOR (L:80)	1	NOT FOR DF40A/50A/60A
7	09407-25402	•CLAMP	1	
8	17917-87L00	CONNECTOR, FLUSH WATER	1	

FIG.45



DF60A E01_045
OPT : HARNESS

FIG.45 (H-5) OPT:HARNESS

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	36620-93J10	WIRE ASSY, REMOCON EXTENSION	1	L:2000 EXCEPT TH/QH
1-2	36620-93J40	WIRE ASSY, REMOCON EXTENSION	1	L:3000 EXCEPT TH/QH
2	36620-93J30	WIRE ASSY, REMOCON ADAPTER	1	L:2000 EXCEPT TH/QH
3	38500-93J00	BUZZER ASSY, WARNING	1	
4-1	36620-93J01	WIRE ASSY, REMOTE CONTROL	1	L:5000
4-2	36620-93J51	WIRE ASSY, REMOTE CONTROL	1	L:3500
4-3	36620-93J61	WIRE ASSY, REMOTE CONTROL	1	L:6500
5	36990-87D00	TERMINAL & SLEEVE SET	1	
6	36630-92E00	WIRE ASSY, INSTRUMENT	1	TH/QH
7	36660-94480	WIRE, MONITOR GAUGE EXTENSION	1	TH/QH
8	36682-92E00	WIRE, MONITOR GAUGE EXTENSION	1	TH/QH

DF60A E1

FIG.46

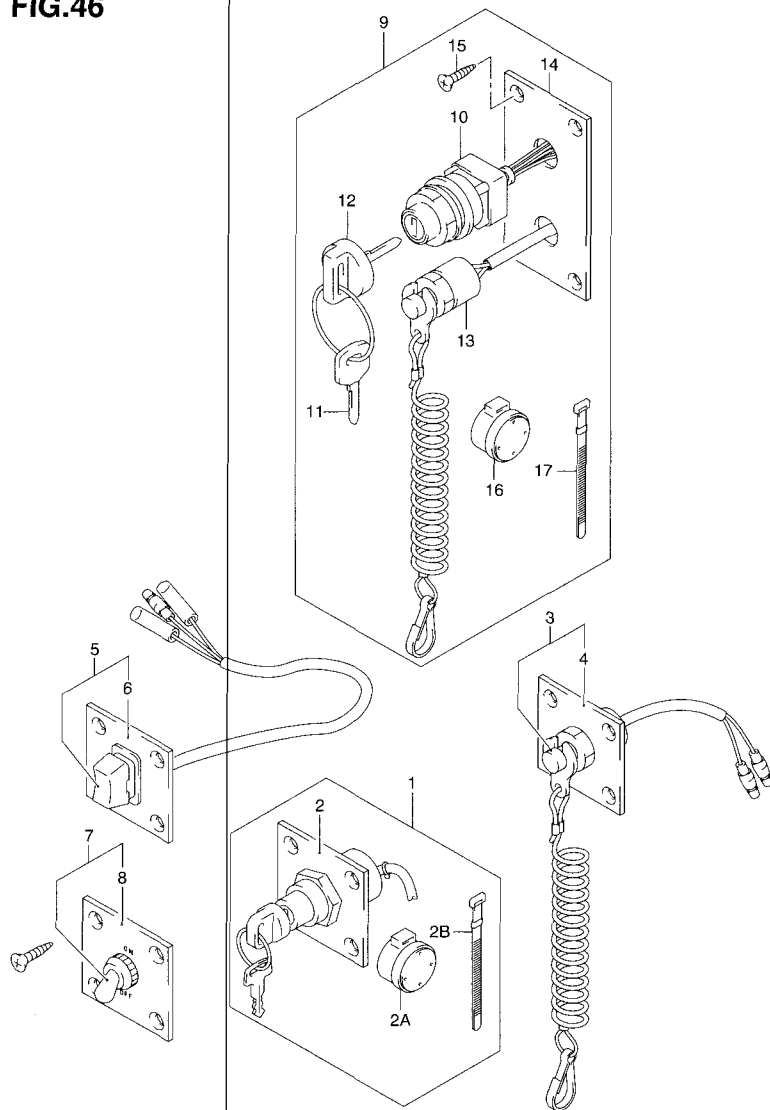
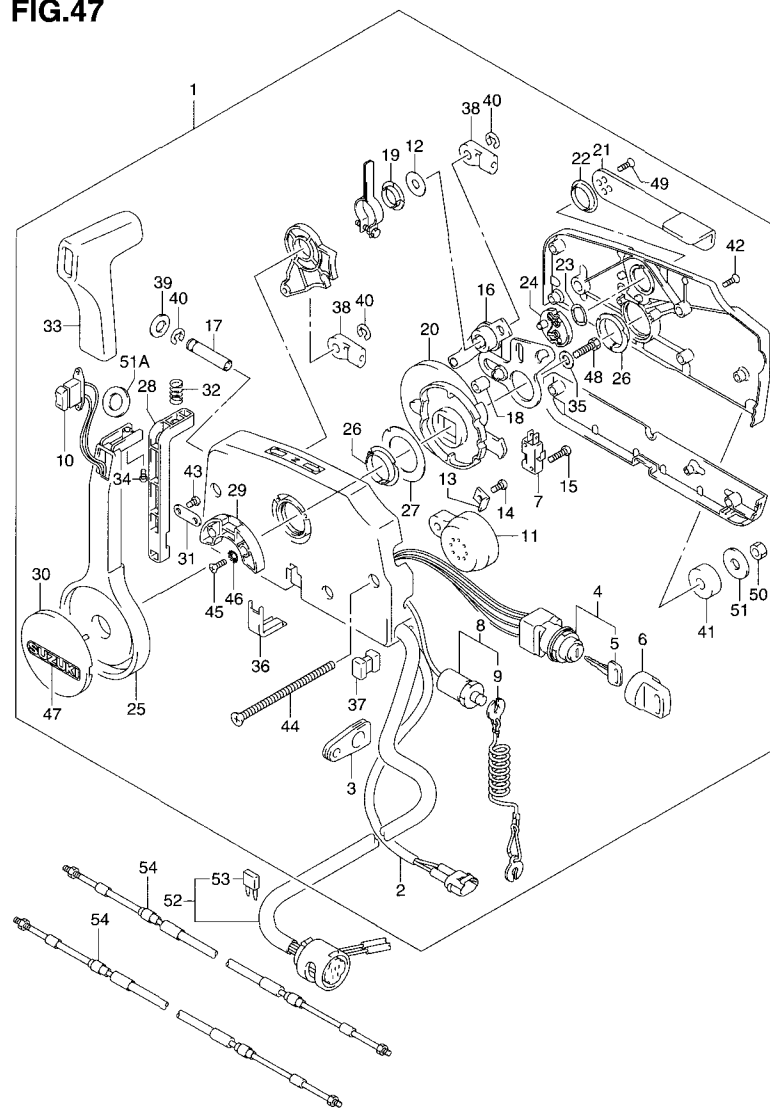


FIG.46 (H-6) OPT:SWITCH (EXCEPT TYPE:TH/QH)

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	37100-96J00	PANEL ASSY, IGNITION SW	1	
2	37139-99E00	·PANEL, IGNITION SW	1	
2A	38500-93J90	·BUZZER ASSY, WARNING	1	
2B	09407-08401	·CLAMP, BUZZER	1	
3	37803-93J03	PANEL ASSY, EMERGENCY SW	1	
4	37825-99E00	·PANEL, EMERGENCY SW	1	
5	37805-93J00	PANEL ASSY, PTT SW	1	
6	37855-99E00	·PANEL, PTT SW	1	
7	37210-93J00	PANEL ASSY, LIGHTING SW	1	
8	37212-93J00	·PANEL, LIGHTING SW	1	
9	37100-96J23	PANEL ASSY, ENGINE SW	1	
10	37110-93J00	·SWITCH ASSY, IGNITION	1	
11-1	37141-99E00	··KEY (931)	1	
11-2	37141-99E10	··KEY (932)	1	
11-3	37141-99E20	··KEY (933)	1	
11-4	37141-99E30	··KEY (934)	1	
11-5	37141-99E40	··KEY (935)	1	
11-6	37141-99E50	··KEY (936)	1	
11-7	37141-99E60	··KEY (937)	1	
11-8	37141-99E70	··KEY (938)	1	
11-9	37141-99E80	··KEY (939)	1	
11-10	37141-99E90	··KEY (940)	1	
11-11	37141-99EA0	··KEY (941)	1	
11-12	37141-99EB0	··KEY (942)	1	
12	37143-99E00	··CAP, KEY	1	
13	37820-93J03	·SWITCH ASSY, EMERGENCY	1	
14	37139-99E20	·PANEL	1	
15	03121-0516A	·SCREW	4	
16	38500-93J90	·BUZZER ASSY, WARNING	1	
17	09407-08401	·CLAMP, BUZZER	1	

FIG.47



DF60A E01_047
OPT : REMOTE CONTROL

FIG.47 (H-7) OPT:REMOTE CONTROL

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	67200-93J03	REMOTE CONTROL ASSY	1	
2	36646-93J00	·WIRE ASSY, PTT SW ADAPTER	1	
3	36628-92E00	·GROMMET, WIRE HARNESS	1	
4	37110-93J00	·SWITCH ASSY, IGNITION	1	
5-1	37141-99E00	·KEY (931)	1	
5-2	37141-99E10	·KEY (932)	1	
5-3	37141-99E20	·KEY (933)	1	
5-4	37141-99E30	·KEY (934)	1	
5-5	37141-99E40	·KEY (935)	1	
5-6	37141-99E50	·KEY (936)	1	
5-7	37141-99E60	·KEY (937)	1	
5-8	37141-99E70	·KEY (938)	1	
5-9	37141-99E80	·KEY (939)	1	
5-10	37141-99E90	·KEY (940)	1	
5-11	37141-99EA0	·KEY (941)	1	
5-12	37141-99EB0	·KEY (942)	1	
6	37143-99E00	·CAP, KEY	1	
7	37721-93J90	·SWITCH, NEUTRAL	1	
8	37820-93J03	·SWITCH ASSY, EMERGENCY	1	
9	37823-92E01	·PLATE	1	
10	37850-90J05	·SWITCH ASSY, PTT	1	
11	38500-93J90	·BUZZER	1	
12	67212-95600	·WASHER	1	
13	67213-92E00	·BRACKET, BUZZER	1	
14	09125-05042	·SCREW, BUZZER BRKT	1	
15	67296-92E10	·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	

DF60A E1

FIG.47

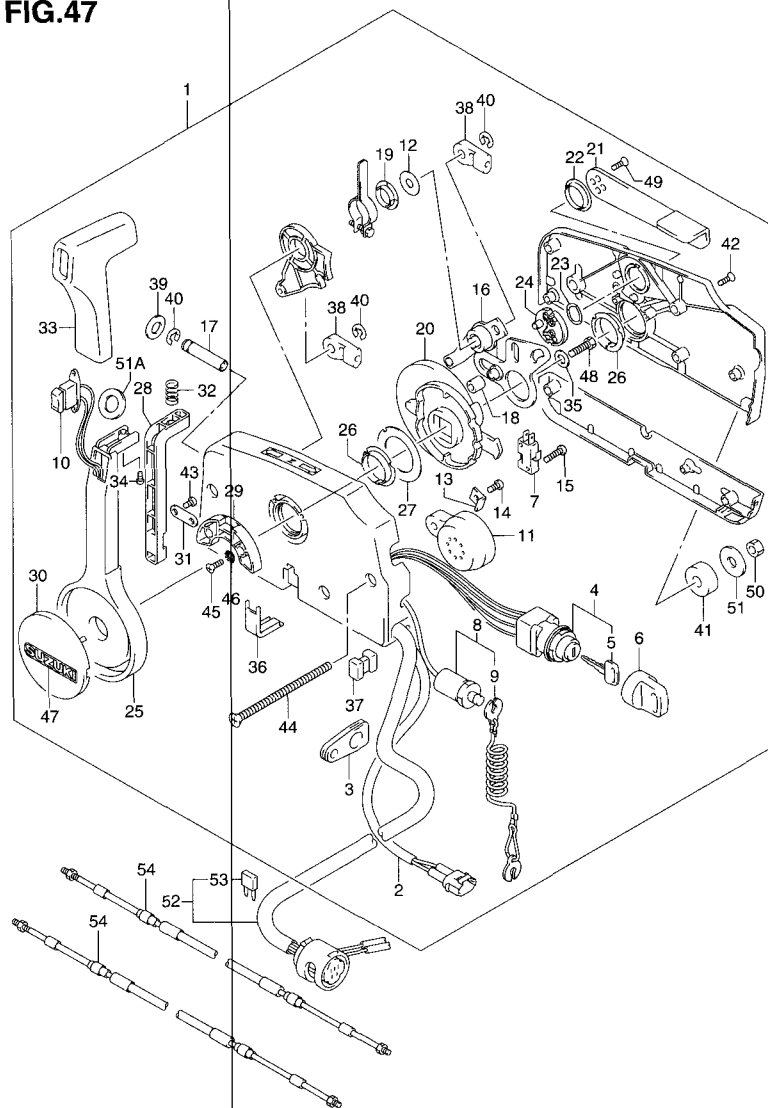
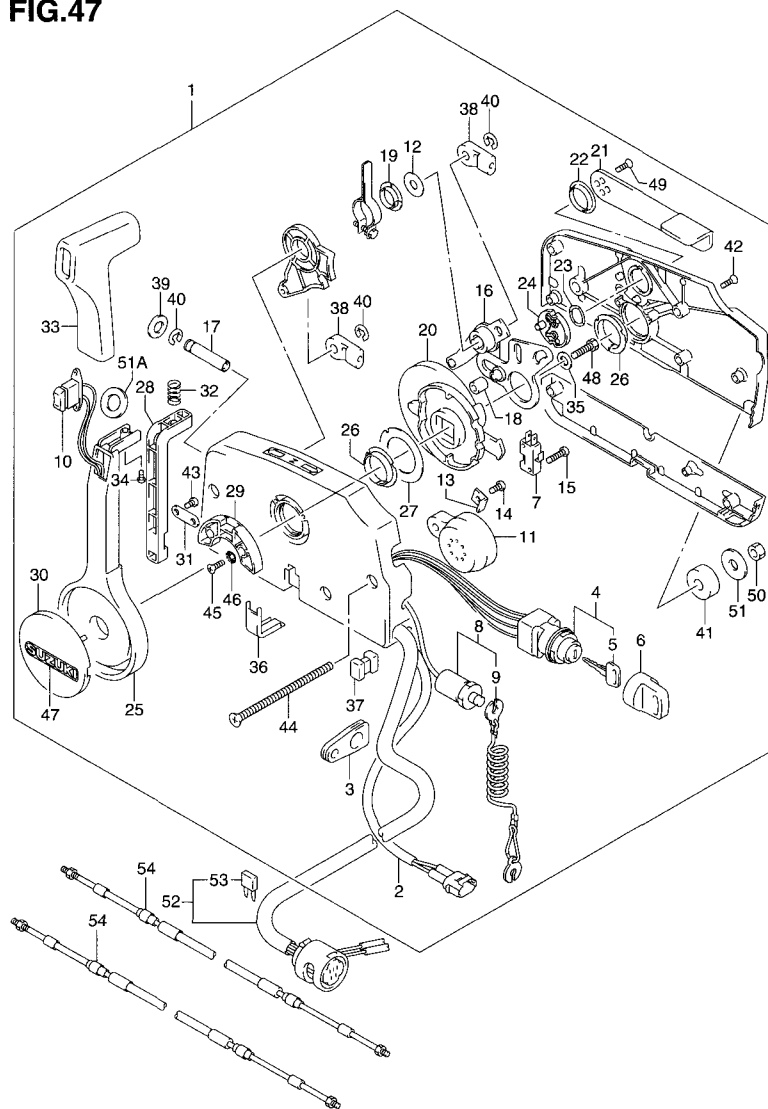


FIG.47 (H-8) OPT:REMOTE CONTROL

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
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	67251-99E10	•LEVER, HANDLE	1	
26	67252-95600	•BUSH	2	
27	67253-95600	•WASHER	1	
28	67255-99E00	•ARM, LOCK	1	
29	67256-95600	•HOLDER, NEUT LOCK	1	
30	67257-99E00	•CAP, LEVER	1	
31	67258-99E00	•BRACKET, LOCK ARM	1	
32	67259-87D00	•SPRING, NEUTRAL ARM	1	
33	67261-99E00	•GRIP	1	
34	67296-94310	•SCREW	1	
35	67264-95600	•WASHER	1	
36	67267-95610	•COVER, WIRE	1	
37	67273-95600	•SPACER	1	
38	67275-95600	•END, CABLE	2	
39	67288-92E00	•WASHER, BRAKE ADJ KNOB	1	
40	67292-94300	•E RING	3	
41	67294-95600	•SPACER	3	
42	67296-90J00	•SCREW	5	
43	67296-94300	•SCREW	2	
44	67296-95600	•SCREW	3	
45	67296-95610	•SCREW	2	
46	67297-95600	•WASHER	2	
47	68165-16B00-13L	•EMBLEM	1	
48	09100-08232	•BOLT	1	
49	09126-05003	•SCREW	2	
50	09140-06020	•NUT	3	
51	09160-06104	•WASHER	3	
51A	37859-90J00	•SPACER	1	

FIG.47



DF60A E01_047
OPT : REMOTE CONTROL

FIG.47 (H-9) OPT:REMOTE CONTROL

REF NO.	PART NO.	DESCRIPTION	Q'TY		REMARKS
52-1	36620-93J01	WIRE ASSY, REMOTE CONTROL	1	L:5000	
52-2	36620-93J51	WIRE ASSY, REMOTE CONTROL	1	L:3500	
52-3	36620-93J61	WIRE ASSY, REMOTE CONTROL	1	L:6500	
53	09481-10501	·FUSE (10A)	1		
54-1	67320-93J00	CABLE, REMOCON 8F (2.4M)	2	OPT	
54-2	67320-93J10	CABLE, REMOCON 10F (3.1M)	2	OPT	
54-3	67320-93J20	CABLE, REMOCON 12F (3.7M)	2	OPT	
54-4	67320-93J30	CABLE, REMOCON 14F (4.2M)	2	OPT	
54-5	67320-93J40	CABLE, REMOCON 16F (4.8M)	2	OPT	
54-6	67320-93J50	CABLE, REMOCON 18F (5.4M)	2	OPT	
54-7	67320-93J60	CABLE, REMOCON 20F (6.0M)	2	OPT	
54-8	67320-93J70	CABLE, REMOCON 22F (6.7M)	2	OPT	
54-9	67320-93J80	CABLE, REMOCON 24F (7.3M)	2	OPT	

DF60A E1

FIG.48

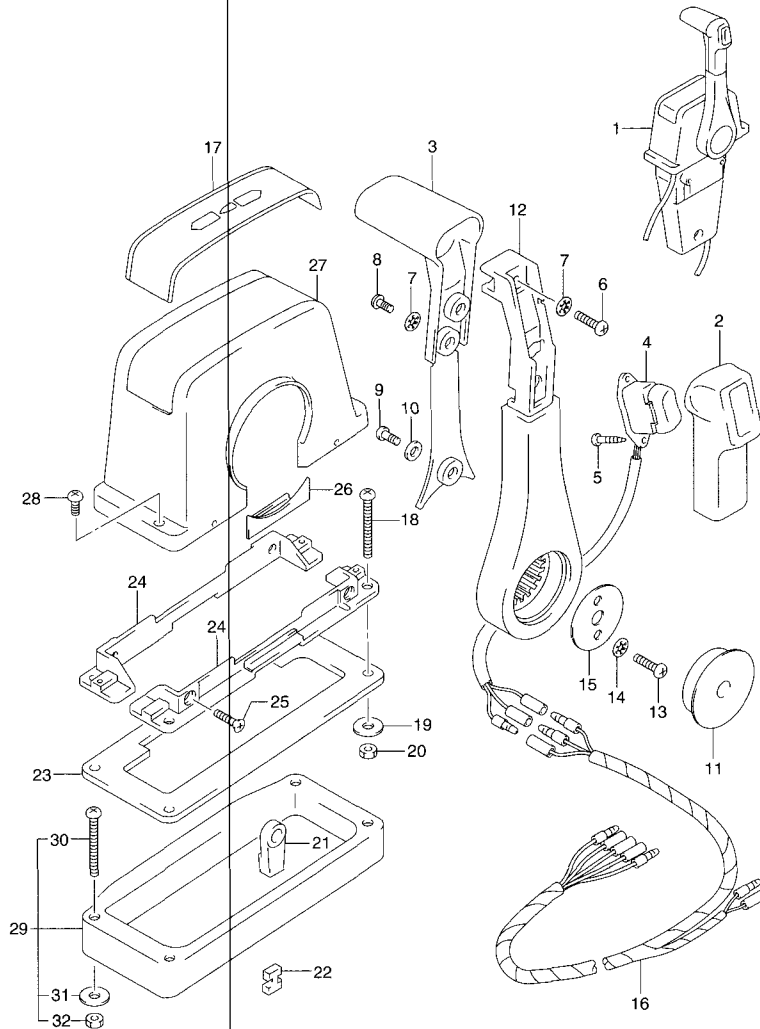
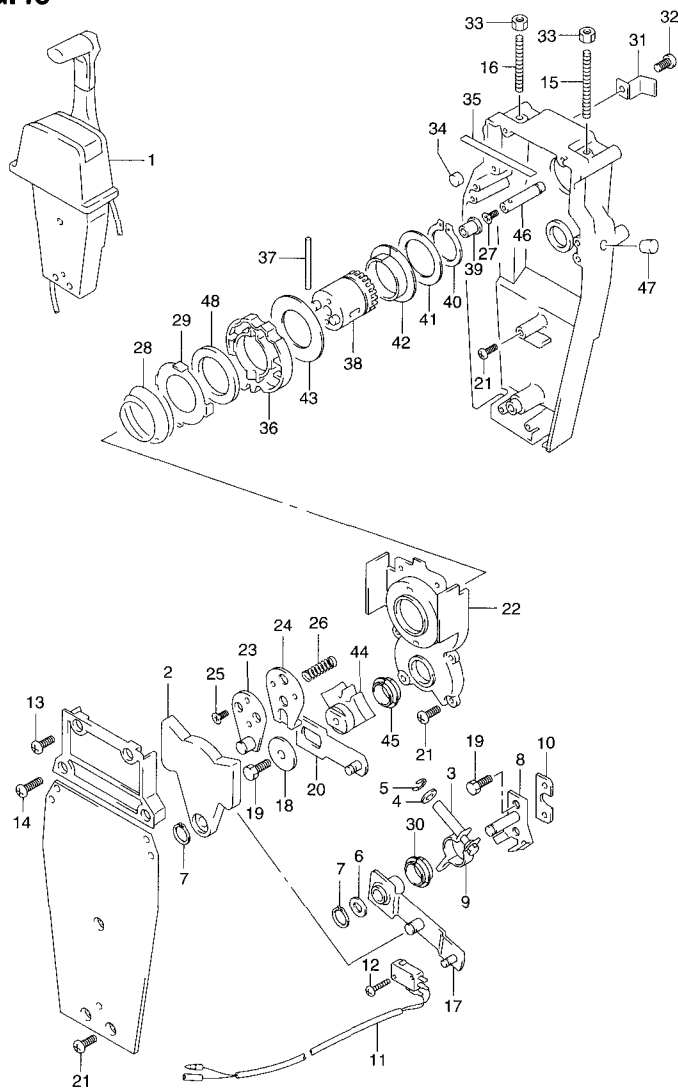
DF60A E01_048
OPT : TOP MOUNT SINGLE (1)

FIG.48 (H-10) OPT:TOP MOUNT SINGLE (1)

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	67200-93J12	REMOTE CONTROL ASSY	1	PUSH
2	67261-93J00	•GRIP, NO.1	1	
3	67263-93J00	•GRIP, NO.2	1	
4	37850-93J10	•SWITCH ASSY, PTT	1	
5	67295-92E10	•SCREW	2	
6	67296-88D10	•SCREW	1	
7	67288-92E20	•WASHER	3	
8	67295-92E00	•SCREW	2	
9	67296-92E70	•SCREW	1	
10	67288-92E40	•WASHER	1	
11	67257-92E00	•CAP, LEVER	1	
12	67251-93J00	•LEVER, HANDLE	1	
13	67296-92E60	•SCREW	2	
14	67288-92E30	•WASHER	2	
15	67253-92E00	•WASHER	1	
16	36890-93J00	•WIRE HARNESS	1	
17	67281-93J00	•DECAL	1	
18	67296-92E30	•SCREW	4	
19	09160-05024	•WASHER	4	
20	67287-92E00	•NUT	4	
21	67275-95600	•END, CABLE	2	
22	67273-95600	•SPACER	1	
23	67273-92E00	•GROMMET	1	
24	67274-92E00	•FLANGE	2	
25	67296-95610	•SCREW	4	
26	67271-92E00	•COVER	1	
27	67211-93J00	•COVER	1	
28	67296-92E70	•SCREW	2	
29	67500-93J00	KIT, REMOCON SPACER SINGLE	1	
30	09125-05135	•SCREW	4	
31	09160-05029	•WASHER	4	
32	09140-05005	•NUT	4	

DF60A E1

FIG.49



DF60A E01_049
OPT : TOP MOUNT SINGLE (2)

FIG.49 (H-11) OPT:TOP MOUNT SINGLE (2)

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	67200-93J12	REMOTE CONTROL ASSY	1	PUSH
2	67222-92E00	• DUAL PLATE	1	
3	67223-92E00	• BRAKE ADJUST	1	
4	67288-92E00	• WASHER	1	
5	67292-94300	• E RING	4	
6	67288-92E10	• WASHER	1	
7	67291-92E00	• SNAP RING	2	
8	67221-92E00	• SHIFT ASSY	1	
9	67224-92E00	• BRAKE ARM ASSY	1	
10	67294-92E00	• SPACER	1	
11	37721-95500	• SWITCH ASSY, N/R	1	
12	67296-92E10	• SCREW (3X15)	2	
13	67296-88D10	• SCREW (5X16)	2	
14	67296-92E20	• SCREW (5X25)	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 (6X18)	3	
20	67230-92E00	• ARM ASSY, SHIFT	1	
21	09125-05042	• SCREW (5X10)	9	
22	67234-92E00	• CASE, GEAR	1	
23	67245-92E00	• LEVER ASSY, THROTTLE	1	
24	67227-92E00	• STOPPER	1	
25	09126-06006	• SCREW (6X20)	2	
26	67225-92E00	• SPRING	1	
27	09125-04004	• SCREW (4X6)	1	
28	67233-92E00	• SPRING	1	
29	67235-92E00	• PLATE, SHIFT LOCK	1	
30	67232-95620	• BUSH	1	
31	67269-92E00	• BRACKET	1	
32	67296-88D10	• SCREW	1	
33	09140-06020	• NUT	2	

DF60A E1

FIG.49

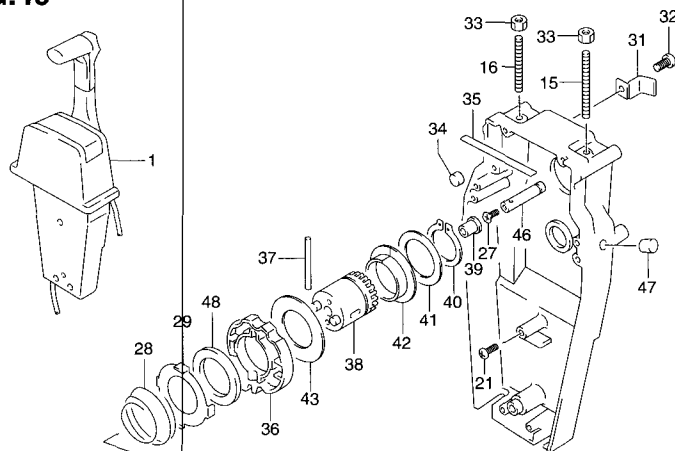
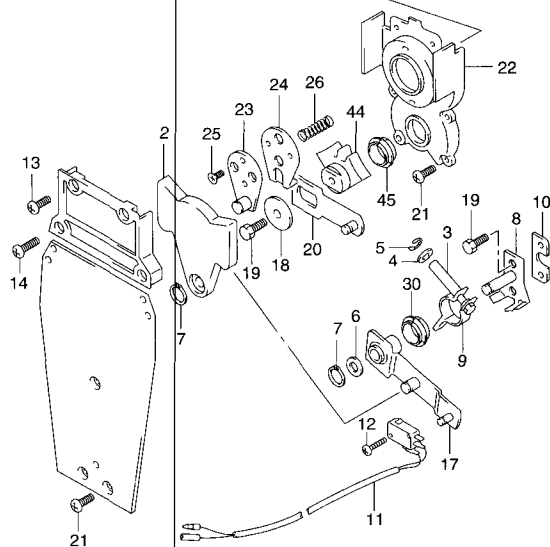


FIG.49 (H-12) OPT:TOP MOUNT SINGLE (2)

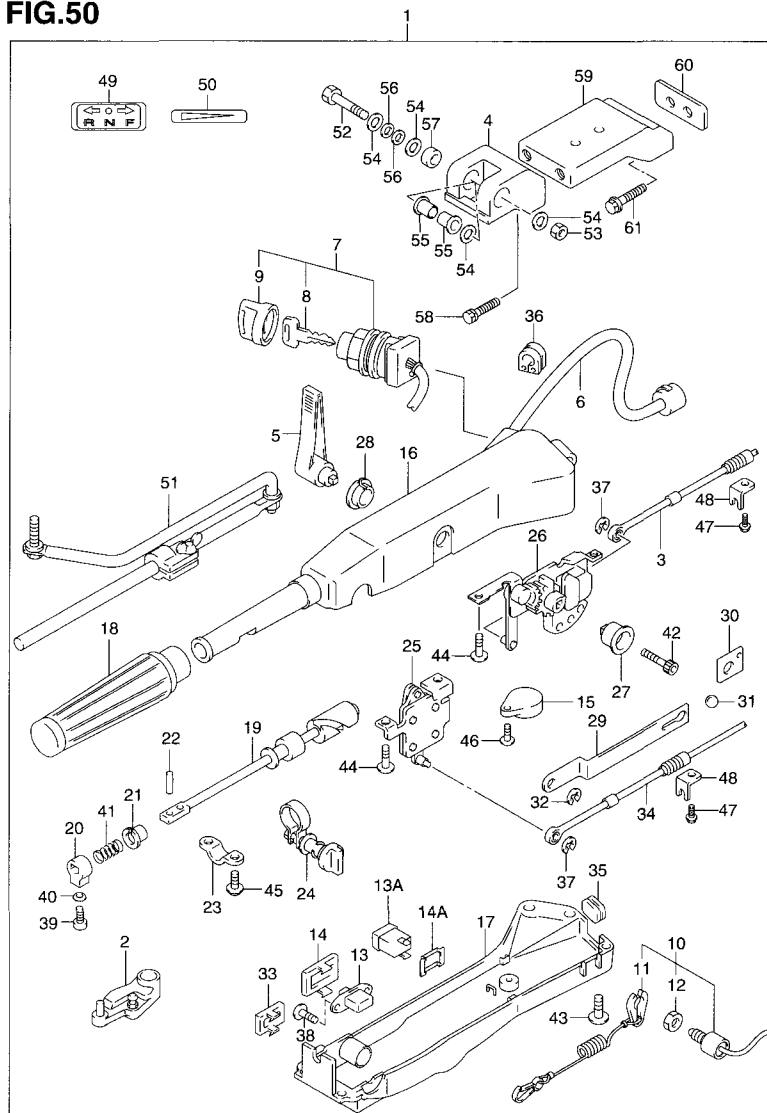
REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
34	67236-92E00	•ROLLER	1	
35	67237-92E01	•SPRING	6	
36	67238-92E00	•GEAR, DRIVE	1	
37	67239-92E00	•PIN	1	
38	67246-92E00	•SHIFT, DRIVE	1	
39	67252-92E00	•BUSH	1	
40	67291-92E10	•SNAP RING	1	
41	67253-92E10	•WASHER	1	
42	67252-92E10	•BUSH	1	
43	67253-95600	•WASHER	1	
44	67231-92E00	•GEAR, SHIFT	1	
45	67232-95600	•BUSH	1	
46	67241-92E00	•ROD, FREE ACC	1	
47	67243-92E00	•GROMMET	1	
48	67239-92E10	•PLATE, SHIFT PIN	1	



DF60A E01_049
OPT : TOP MOUNT SINGLE (2)

DF60A E1

FIG.50



DF60A E01_050
OPT : TILLER HANDLE

FIG.50 (I-2) OPT:TILLER HANDLE

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1-1	63002-88L00-0EP	TILLER HANDLE KIT	1	
1-2	63002-88L03-0EP	TILLER HANDLE KIT	1	
2	19120-88L10	·LEVER, THROTTLE	1	
3	23230-88L00	·CABLE, SHIFT	1	
4	43761-87J11-0EP	·BRACKET, TILLER HANDLE	1	
5	21111-87J10-0EP	·LEVER, SHIFT	1	
6-1	36620-87J20	·WIRE, HANDLE	1	
6-2	36620-88L00	·WIRE, HANDLE	1	FOR 63002-88L03-0EP
7	37110-87J20	·SWITCH, IGNITION	1	
8-1	37141-99E00	·KEY (931)	1	
8-2	37141-99E10	·KEY (932)	1	
8-3	37141-99E20	·KEY (933)	1	
8-4	37141-99E30	·KEY (934)	1	
8-5	37141-99E40	·KEY (935)	1	
8-6	37141-99E50	·KEY (936)	1	
8-7	37141-99E60	·KEY (937)	1	
8-8	37141-99E70	·KEY (938)	1	
8-9	37141-99E80	·KEY (939)	1	
8-10	37141-99E90	·KEY (940)	1	
8-11	37141-99EA0	·KEY (941)	1	
8-12	37141-99EB0	·KEY (942)	1	
9	37143-99E00	·CAP, KEY	1	
10	37820-87J02	·SWITCH, EMERGENCY	1	
11	37823-92E01	·PLATE, LOCK	1	
12	37826-92E00	·NUT	1	
13	37860-94610	·SWITCH, TRIM	1	FOR 63002-88L00-0EP
13A	37850-87J00	·SWITCH ASSY, TRIM	1	FOR 63002-88L03-0EP
14	37869-95590	·CAP, TRIM SWITCH	1	FOR 63002-88L00-0EP
14A	37852-87J00	·PLATE, TRIM SWITCH	1	FOR 63002-88L03-0EP
15	38500-92X50	·BUZZER	1	
16	63111-87J10-0EP	·HOUSING, TILLER HANDLE	1	
17-1	63121-87J02	·COVER, UNDER	1	→63120-87J00 COVER KIT, UNDER
17-2	63121-87J03	·COVER, UNDER	1	FOR 63002-88L03-0EP
18	63210-93E30	·GRIP	1	

DF60A E1

FIG.50

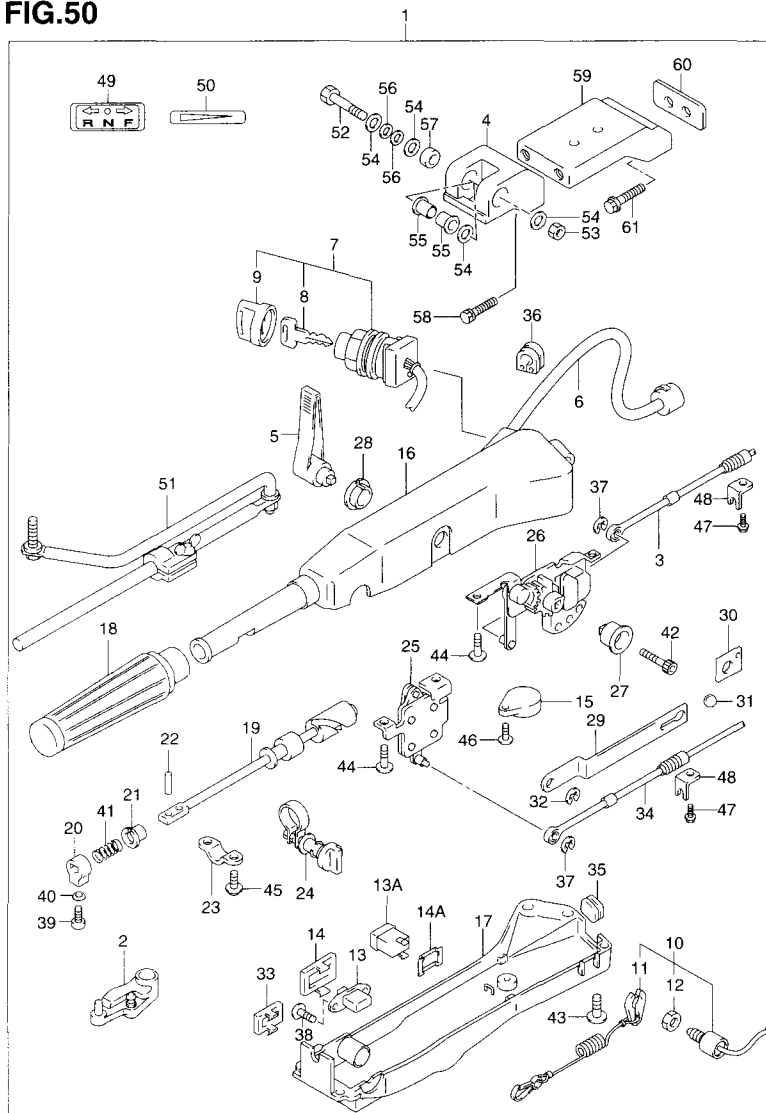
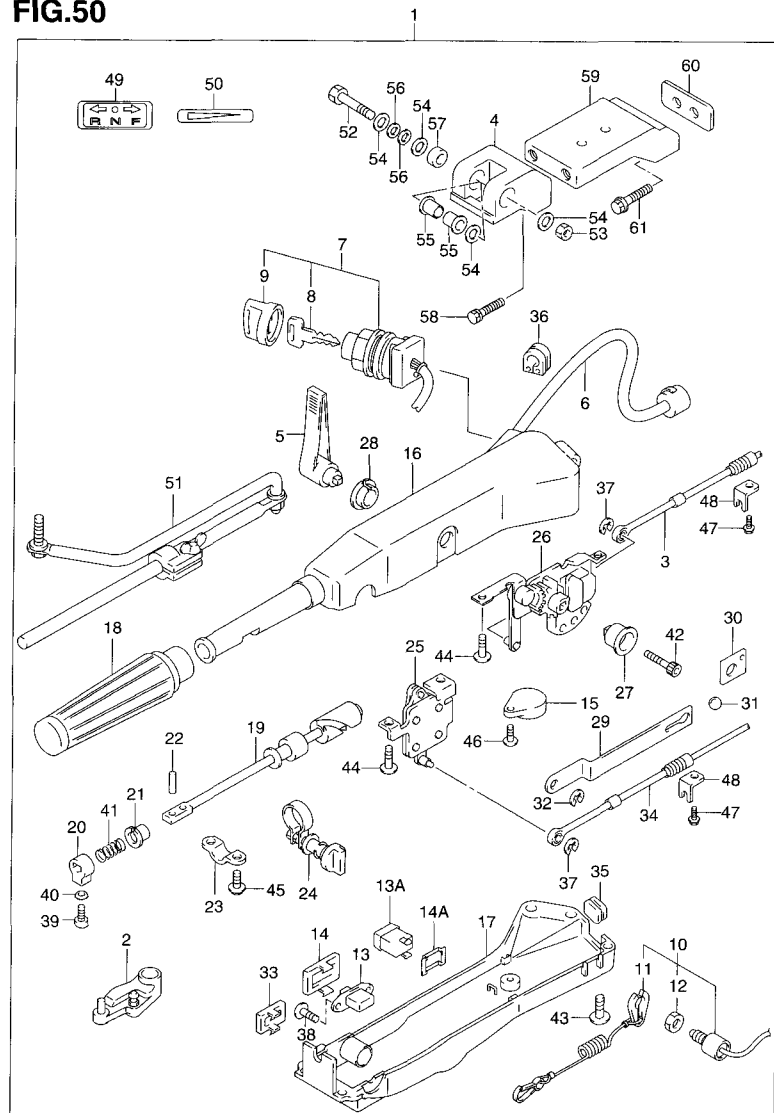


FIG.50 (I-3) OPT:TILLER HANDLE

REF NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
19	63221-87J00	SHAFT, THROTTLE	1	
20	63223-92D00	STOPPER, HANDLE ROD	1	
21	63225-93200	BUSH, HANDLE ROD	1	
22	63227-93200	PIN, HANDLE ROD	1	
23	63235-87J00	PLATE, THROTTLE SHAFT	1	
24	63240-87J00	ADJUSTER, THROTTLE GRIP	1	
25	63250-87J01	ARM, THROTTLE	1	
26	63260-87J02	GEAR, SHIFT	1	
27	63261-87J00	BUSH, SHIFT GEAR	1	
28	63262-87J00	BUSH, SHIFT LEVER	1	
29	63271-87J00	PLATE, LOCK	1	
30	63272-87J00	PLATE, BALL GUIDE	1	
31	63273-87J00	BALL	1	
32	63274-87J00	E RING	1	
33	67263-99E00	COVER, TRIM SWITCH	1	FOR 63002-88L00-0EP
34	63610-88L00	CABLE, THROTTLE	1	
35	63625-87J00	GROMMET, THROTTLE CABLE	1	
36	63626-87J01	GROMMET, HANDLE WIRE	1	
37	67292-87J00	E RING	2	
38	09139-02003	SCREW (2X6)	1	
39	09126-06015	SCREW	1	
40	09163-06001	WASHER	1	
41	09440-12027	SPRING	1	
42	09106-08099	BOLT (8X50)	1	
43	09125-05047	SCREW (5X14)	6	
44	63251-87J00	BOLT (6X12)	4	
45	09136-05008	SCREW (5X12)	2	
46	02142-05207	SCREW	1	
47	63611-87J00	BOLT, CLAMP BRACKET	2	
48	63612-87J00	BRACKET, CLAMP	2	
49	21131-96010	MARK, CLUTCH SHIFT	1	
50	63215-93110	MARK, HANDLE GRIP	1	

FIG.50



DF60A E01_050
OPT : TILLER HANDLE

FIG.50 (I-4) OPT:TILLER HANDLE

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
51	43770-99E03	•ADJUSTER, STEERING	1	
52	09100-10264	•BOLT TILLER HANDLE PIVOT	1	
53	09159-10050	•NUT, TILLER HANDLE PIVOT	1	
54	09160-10114	•WASHER, TILLER HANDLE PIVOT	4	
55	09306-10020	•BUSH, TILLER HANDLE PIVOT	2	
56	09164-10016	•WASHER, TILLER HANDLE SPR	2	
57	43768-90J01	•SPACER, TILLER HANDLE	1	
58	09117-10058	•BOLT, TILLER HANDLE BRACKET	2	
59-1	43755-88L10-0EP	•EXTENSION, STRG BRACKET	1	
59-2	43755-88L12-0EP	•EXTENSION, STRG BRKT	1	FOR 63002-88L03-0EP
60	43776-87L00	•SPACER, STRG BRACKET	1	
61	09116-10150	•BOLT, ATTACHMENT	2	

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FIG.51

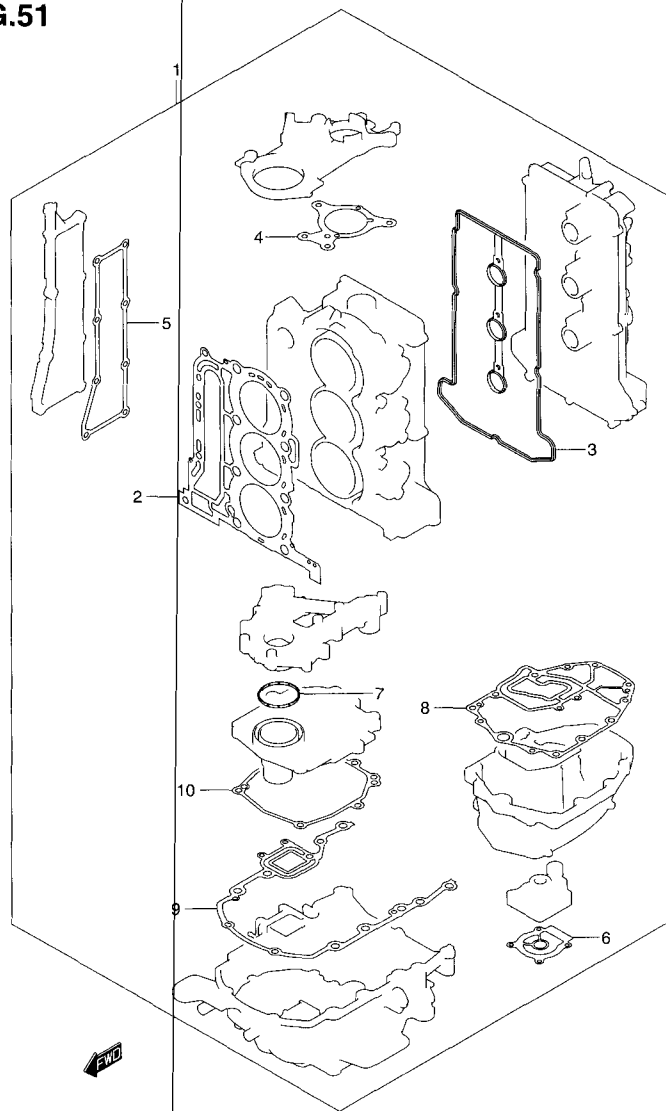


FIG.51 (I-5) OPT:GASKET SET

REF NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1	11400-88870	GASKET SET	1	
2	11141-88L00	·GASKET, CYLINDER HEAD	1	
3	11189-88L00	·GASKET, CYLINDER HEAD COVER	1	
4	11413-88L00	·GASKET, UPPER OIL SEAL	1	
5	14151-88L00	·GASKET, EXHAUST COVER	1	
6	17472-96303	·GASKET, PUMP CASE UNDER	1	
7	11433-88L00	·GASKET, UNDER OIL SEAL	1	
8	11489-88L00	·GASKET, OIL PAN	1	
9	51211-88L00	·GASKET, ENGINE HOLDER	1	
10	51123-88L00	·GASKET, MOUNT CASE COVER	1	
11-1	99011-88L00-054	MANUAL, OWNER'S	1	DRAWING NOT SHOWN 11 LANGUAGE
11-2	99011-88L01-054	MANUAL, OWNER'S	1	DF60A:110001~ DF40A/50A DF40AS
11-3	99011-88L00-059	MANUAL, OWNER'S	1	6 LANGUAGE
11-4	99011-88L01-059	MANUAL, OWNER'S	1	DF60A:110001~ DF40A/50

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PARTS NUMBER INDEX

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
10000		12220-88L00	4-9	12892-73G01-280	6-8
		12281-87J00	4-12	12892-73G01-282	6-8
		12340-75FA0-0A0	4-10	12892-73G01-284	6-8
		12340-75FA0-0B0	4-10	12892-73G01-286	6-8
		12340-75F00-0C0	4-10	12892-73G01-288	6-8
11100-88L00	1-1	12340-75F00-0D0	4-10	12892-73G01-290	6-8
11112-88L00	2-7	12340-75F00-0E0	4-10	12892-73G01-292	6-8
11115-73G01-001	1-2	12710-88L00	6-1	12892-73G01-294	6-8
11117-89J20	2-4	12720-88L00	6-2	12892-73G01-296	6-8
11119-87J00	1-10	12741-88L00	6-3	12892-73G01-298	6-8
11141-88L00	1-11	12761-88L00	5-1	12892-73G01-300	6-8
	51-2	12771-87J00	5-2	12911-88L00	6-9
11170-88L00	1-16	12776-85FA0	5-3	12915-73G20	6-10
11173-88L00	1-20	12811-88L00	5-4	12921-87J10	6-11
11174-88L00	1-22	12812-73G10	5-7	12931-78G00	6-12
11189-88L00	1-17	12813-73G00	5-8	12932-24400	6-13
	51-3	12821-88L00	5-11	12933-51E00	6-14
11194-88L00	1-26	12831-90J02	5-9	13110-88L00	7-1
11194-88L10	1-26	12891-73G01	6-7	13300-88L00	14-1
11196-88L00	13-8	12892-73G01-218	6-8	13315-88L00	14-2
11261-93J00	1-5	12892-73G01-220	6-8	13370-88L00	8-2
11291-88L00	2-1	12892-73G01-222	6-8	13370-88L10	8-2
11301-88L00	2-3	12892-73G01-224	6-8	13510-88L00	14-6
11382-99E00	1-14	12892-73G01-226	6-8	13614-89J00	8-15
11400-88870	51-1	12892-73G01-228	6-8	13614-93J00	8-16
11411-88L00	3-6	12892-73G01-230	6-8	13684-88L00	8-11
11413-88L00	3-7	12892-73G01-232	6-8	13810-88L00	7-9
	51-4	12892-73G01-234	6-8	13813-88L00	7-10
11433-88L00	15-1	12892-73G01-236	6-8	13815-88L00	14-12
	51-7	12892-73G01-238	6-8	14141-88L00	7-12
11489-88L00	16-1	12892-73G01-240	6-8	14151-88L00	7-13
	51-8	12892-73G01-242	6-8		51-5
11501-88L00-0EP	16-2	12892-73G01-244	6-8	15100-90J1V	11-1
11510-88L00	3-1	12892-73G01-246	6-8	15191-88L10	11-10
11514-88L00	3-5	12892-73G01-248	6-8	15192-88L10	11-11
11543-88L00	16-11	12892-73G01-250	6-8	15192-88L11	11-11
11551-88L00-0EP	16-6	12892-73G01-252	6-8	15192-88L20	11-11
11552-88L00	16-7	12892-73G01-254	6-8	15197-88L00	11-15
12100-51810-0A0	4-8	12892-73G01-256	6-8	15200-88L00	8-3
12100-51810-0B0	4-8	12892-73G01-258	6-8	15200-88L10	8-3
12100-51810-0C0	4-8	12892-73G01-260	6-8	15410-88L00	11-4
12100-51810-0D0	4-8	12892-73G01-262	6-8	15419-87J00	11-5
12100-51810-0E0	4-8	12892-73G01-264	6-8	15421-88L00	11-8
12100-88L00-050	4-13	12892-73G01-266	6-8	15422-96J00	11-7
12111-88L00	4-1	12892-73G01-268	6-8	15600-88L00	8-1
12140-88L00	4-2	12892-73G01-270	6-8	15600-88L10	8-1
12140-88L00-050	4-14	12892-73G01-272	6-8	15612-99E00	8-21
12151-54A50	4-3	12892-73G01-274	6-8	15613-88L00	8-22
12160-88L00	4-5	12892-73G01-276	6-8	15614-99E00	8-23
12163-69J00	4-6	12892-73G01-278	6-8	15626-88L00	8-4

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
15626-88L10	8-4	17564-88L00	12-4	25111-88L10	18-1
15628-99E00	8-5	17611-90J00-0EP	13-1	25111-88L20	18-1
15629-99E10	8-6	17631-96320	12-16	25211-87J00	18-2
15641-88L00	8-7	17635-87E00	12-18	25212-94401	18-5
15641-88L10	8-7	17635-87E10	12-18	25223-94400	18-9
15641-88L20	8-18	17660-99E01	13-2	25232-96302	18-10
15641-88L30	8-18	17670-93953	13-5	25311-88L00	18-11
15641-88L40	8-19	17681-88L00	13-6	25700-88L00	37-21
15641-88L50	8-19	17712-88L00	13-11	29125-93J10	29-10
15642-88L00	8-8	17913-93J00	16-9	29141-93J00	12-5
15642-88L10	8-20	17914-93J00	16-10		17-7
15643-88L00	8-17	17917-87L00	44-8		28-26
15644-88L00	8-13	18137-88L00	7-7	29162-93J00	12-6
15644-88L10	8-13	18210-88L00	39-20	29404-93J10	23-19
15645-88L00	8-14	18498-87JCO	8-30		31-26
15650-99E00	8-9	18498-94J20	13-10	30000	
15654-88L00	8-10	18498-96J20	11-14		
15681-88L00	9-10	18498-99EAO	44-6		
15681-88L10	10-7	18498-99E10	11-13		
15710-85K00	10-1	19120-88L00	14-7		
15710-88L00	9-1	19120-88L10	14-7	31100-94J21	20-1
15716-65D70	10-2		50-2	31111-87J10	32-8
15750-88L10	10-4	19131-95502	14-8	31123-97E00	32-3
15751-88L00	9-3			31131-94J00	20-2
15760-88L00	8-12			31133-94900	32-4
15762-90J00	9-8	20000		31135-90J00	20-3
15762-93J00	9-9			31135-94900	32-5
15762-93J10	9-9			31136-87J10	32-6
15830-90J00	9-6			31151-94J00	20-4
16400-88L00	15-2			31152-90J00	20-5
16510-87J00	15-9	21111-87J10-0EP	40-3	31153-90J00	20-6
16519-87L00	15-8		50-5	31171-96J00	20-7
16520-88L00	15-5	21121-93300	18-13	31173-88L00	32-7
16910-88L00	16-14	21126-88L00	17-1	31173-94J00	20-8
16930-88L00	16-15	21131-96010	40-54	31191-96J00	20-9
17400-88L00	12-21		50-49	31220-94J00	20-10
17410-88L00	12-1	21151-88L00	17-2	31310-90J00	20-11
17413-95J00	12-2	21210-88L00	17-5	31311-87J10	32-2
17413-95J10	12-2	22511-99011	28-5	31320-94J00	20-12
17416-95J00	12-3		29-5	31341-94J00	20-13
17461-96312	12-9	23111-88L00	17-6	31343-90J00	20-14
17471-95J01	12-10	23111-88L10	17-6	31344-90J00	20-15
17471-95J10	12-10	23115-88L00	17-8	31360-93J01	20-16
17472-96303	12-11	23210-88L00	17-9	31912-88L00	20-17
	51-6	23213-89J01	17-12	31918-87L00	20-18
17560-88L00	12-12	23214-89J00	17-13	32102-88L00	21-1
17560-88L10	12-12	23230-88L00	40-4	32120-88L00	21-5
17560-88L20	12-12		50-3	32160-88L00	21-6
17562-87L00	12-13	23311-95J00	17-15	32800-88L00	22-1
	12-14	25111-88L00	18-1	32890-88L00	22-3

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
33220-58J20	21-8	36610-88L30	24-3	37141-99EA0	46-11
33410-87L00	22-7	36612-96J00	24-14		47-5
33634-96J00	24-4	36615-96300	43-7	37141-99EB0	50-8
33799-97E00	32-9		43-21		40-7
33810-88L00	24-1	36617-88L00	23-11		46-11
33810-88L10	24-1		24-19		47-5
33920-88L01	25-10	36617-88L10	24-20	37141-99E00	50-8
33920-88L11	25-10	36617-93J10	24-21		40-7
33920-88L20	25-10	36618-43410	24-14A		46-11
33920-88L30	25-10	36620-87J20	40-5		47-5
33920-88L40	25-10		50-6		50-8
33925-88L00	25-11	36620-88L00	40-5	37141-99E10	40-7
34100-93J00	43-3		50-6		46-11
34100-93J11	43-3	36620-93J01	45-4		47-5
34100-93J20	43-3		47-52		50-8
34100-93J31	43-3	36620-93J10	45-1	37141-99E20	40-7
34100-93J40	43-3	36620-93J30	45-2		46-11
34100-93J51	43-3	36620-93J40	45-1		47-5
34100-93J60	43-3	36620-93J51	45-4		50-8
34190-87D00	43-25		47-52	37141-99E30	40-7
34190-95500	43-23	36620-93J61	45-4		46-11
34191-92E00	43-5		47-52		47-5
	43-17	36628-92E00	47-3		50-8
34200-93J00	43-20	36630-92E00	45-6	37141-99E40	40-7
34200-93J11	43-20	36646-93J00	47-2		46-11
34300-93J00	43-10	36656-88L00	23-15		47-5
34300-93J11	43-10	36656-88L10	23-15		50-8
34310-92E00	43-11	36660-94480	45-7	37141-99E50	40-7
34360-92E00	43-12	36668-87L00	24-5		46-11
34500-93J00	43-14	36682-92E00	45-8		47-5
34500-93J11	43-14	36721-96J00	24-8		50-8
34600-93J00	43-8	36737-96J00	24-7	37141-99E60	40-7
34600-93J11	43-8	36738-88L00	24-9		46-11
34650-93J20	43-16	36890-93J00	48-16		47-5
34650-93J31	43-16	36894-87D00	28-6		50-8
34660-90J02	44-1	36894-95201	29-6	37141-99E70	40-7
34800-93J00	43-1	36895-87D01	28-7		46-11
34800-93J11	43-1		28-8		47-5
34830-87J20	23-1		29-7		50-8
34840-87L01	23-2		29-8	37141-99E80	40-7
34840-98J01	23-2	36990-87D00	45-5		46-11
34841-87L00	23-5	37100-96J00	46-1		47-5
34841-88L00	23-17	37100-96J23	46-9		50-8
34842-88L00	23-6	37110-87J20	40-6	37141-99E90	40-7
34843-87L00	23-7		50-7		46-11
34845-87L01	23-8	37110-93J00	46-10		47-5
34845-88L00	23-18		47-4		50-8
36610-88L00	24-3	37139-99E00	46-2	37143-99E00	40-7A
36610-88L10	24-3	37139-99E20	46-14		46-12
36610-88L20	24-3	37141-99EA0	40-7		47-6

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
37143-99E00	50-9	41111-88L01-0EP	26-1	43755-88L12-0EP	29-26
37210-93J00	46-7	41111-89J21-0EP	27-1		40-56
37212-93J00	46-8	41121-88L00-0EP	26-2		50-59
37721-93J00	25-1	41121-89J15-0EP	27-2	43761-87J11-0EP	40-1
37721-93J90	47-7	41130-87J10	27-3		50-4
37721-95500	49-11	41130-88L00	26-3	43768-90J01	40-52
37725-88L00	25-3	41135-93J00	27-16		50-57
37803-93J03	46-3	41135-93J11	26-4	43770-99E03	40-59
37805-93J00	46-5	41153-94500	26-7		50-51
37820-87J02	40-8		27-6	43776-87L00	40-57
	50-10	41161-94400	42-1		50-60
37820-93J03	46-13	41221-88L00	28-23	45260-89J00	30-1
	47-8	41224-88L00	28-25	45421-89J00	27-4
37820-99E01	23-10	41226-97E00	29-19	45731-96312	28-29
37823-92E01	40-9	41230-97E10	29-24		29-22
	47-9	41231-88L00	28-27	47225-87J00	31-27
	50-11	41234-88L00	28-28	47225-88L00	31-17
37825-99E00	46-4	41270-89J10	29-20	47225-89J00	30-2
37826-92E00	40-10	41280-88L10	28-24	47226-89J00	30-3
	50-12	41280-89J04	29-21	47400-87J32	30-4
37850-87J00	40-12A	43111-88L00-0EP	28-1	48000-88L00	31-1
	50-13A	43111-88L10-0EP	28-1	48000-88L10	31-1
37850-90J05	47-10	43111-88L20-0EP	29-1	48121-88L00	31-18
37850-93J10	48-4	43111-88L30-0EP	29-1	48121-89J10	30-5
37850-99E04	25-4	43112-99E00	16-12		31-28
37852-87J00	40-13A	43114-88L00	28-14	48320-87J10	31-2
	50-14A	43119-88L00	28-11	48321-89J11	30-6
37855-99E00	46-6	43119-88L10	28-12		31-19
37859-90J00	47-51A	43211-87J00	29-2	48325-89J00	30-7
37860-94610	40-12	43211-88L00	28-2		31-20
	50-13	43241-87J00	27-17	48326-87J00	31-21
37869-95590	40-13	43411-88L00	29-28	48326-89J00	30-8
	50-14	43415-88L00	29-29	48330-87J10	31-3
38100-88L00	32-1	43512-88L00	29-30	48510-97E00	31-4
38410-93J11	25-7	43513-88L00	29-31	48541-87J10	31-5
38415-93J00	25-8	43514-88L00	29-32	48541-87J20	31-6
38500-92X50	40-11	43515-88L00	29-33	48551-88L00	31-7
	50-15	43516-88L00	29-34	48553-97E00	31-8
38500-93J00	45-3	43517-88L00	29-35	48557-87J10	31-9
38500-93J90	46-2A	43711-89J10	29-3	48571-88L00	31-10
	46-16	43711-97E00	28-3	48572-87J10	31-11
	47-11	43750-88L00-0EP	28-4	48582-97E01	31-12
38860-76F01	24-10	43750-88L10-0EP	28-4	48583-87J10	31-13
	24-11	43750-88L20-0EP	29-4	48611-88L00	31-14
		43750-88L30-0EP	29-4	48681-87J10	31-15
		43755-88L00-0EP	28-19	48862-87J10	31-16
			29-11		
40000		43755-88L10-0EP	40-56		
			50-59		
		43755-88L11-0EP	40-56		

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
50000		54211-87J10-0EP 36-11 54221-88L00-0EP 35-4 36-4 54231-88L00-0EP 35-5 36-5		60000	
51110-88L00-0EP 33-1 34-1		55100-87J50-0EP 37-1 55122-88L00 19-28 55125-95500 37-4 55181-95200 37-19 55300-95500 37-20		61112-88L00 38-1 61112-88L10 38-1 61124-88L00 38-24 61124-88L10 38-24 61134-88L00 38-2	
51122-88L00 33-8 34-8					
51123-88L00 33-9					
	34-9 51-10 33-14 34-14	55320-94900 26-12 55320-95311 27-7 55321-87J00 1-7 2-8 30-9		61151-88L00 38-6 61188-88L00 41-11 61400-88800-0EP 39-1 61412-88L00 38-11 61422-88L01 39-12	
51211-88L00 33-2					
	34-2 51-9	55321-87J10 31-24 1-7		61422-88L11 39-13 61422-88L21 39-14	
52111-88L00-0EP 35-1		2-8 30-15 31-24		61431-88L00-0EP 39-2 61435-88L01 39-15 61435-88L11 39-16	
52111-88L10-0EP 35-1					
	36-1 35-7 36-7	56120-94321-0EP 19-20 56130-87J10-0EP 19-26 57110-88L02 19-1 57110-88L12 19-1 57110-88L22 19-1		61435-88L21 39-17 61438-88L00 39-3 61439-88L00 39-4 61443-88L01 39-9 61446-87L10 39-10	
52131-88L00-0EP 36-1 35-7 36-7					
54114-88L00 33-20 35-18					
	34-20 34-22 36-18	57130-94301 35-10 36-10		61453-88L01 39-9 61458-99E31 39-18 61458-99E40 39-18 61472-93E32 3-10 61472-93E40 3-10	
54120-88L00 33-17 54121-88L00 34-23		57133-88L00 19-2 57133-94400 19-3 57300-87851 19-6			
	34-24 34-17 33-18 34-18 33-12	57610-94402 19-13 57621-87J02 19-14 57630-94300 37-18 57631-95302 19-19 57632-95320 37-13		61476-88L00 39-6 61493-88L00 3-12 61494-88L00 3-13 61610-95J00 39-7 61632-93J00 38-13	
	34-12 35-12 36-12	57633-94300 37-14 57634-88L00 19-16 58100-88L01-019 37-11 58100-88L11-019 37-11 58100-88L21-019 37-11		61633-88L00 38-16 61641-88L00 38-14 61673-93J10 38-22 61811-88L00-0EP 38-3 61811-88L10-0EP 38-3	
54160-88L00 35-13 54160-88L10 36-13					
	33-19 34-19 35-17 36-16 35-14	58100-88L31-019 37-11 58100-88L41-019 37-11 58100-88L51-019 37-11 58100-88L61-019 37-11 58100-88L71-019 37-11		61815-99J00 38-5 38-5 61821-88L00-0EP 38-4 61821-88L10-0EP 38-4 61831-88L00-0EP 38-7	
54166-95J02 33-19 34-19 35-17 36-16 35-14					
54167-87L01 35-14					
	36-14 35-15 35-16 36-15 35-11	58100-88L81-019 37-11 58120-88L00 37-12		63002-88L00-0EP 50-1 63002-88L03-0EP 50-1 63110-88L00-0EP 40-2 63110-88L01-0EP 40-2 63110-88L03-0EP 40-2	

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
63110-88L13-0EP 40-2 63111-87J10-0EP 40-14 50-16 63121-87J02 40-15 50-17		63626-87J01 50-36 65000-95D01 41-1 65520-95D00 41-2 65561-95D00 41-3 65700-90J12 41-8		67245-95600 47-24 67246-92E00 49-38 67251-93J00 48-12 67251-99E10 47-25 67252-92E00 49-39	
63121-87J03 40-15 50-17		65740-95D01 41-7 65750-95500 41-9 65770-95505 41-10 65831-95D00 41-4 65890-95D00 41-5		67252-92E10 49-42 67252-95600 47-26 67253-92E00 48-15 67253-92E10 49-41 67253-95600 47-27	
63210-93E30 40-16 50-18 63215-93110 40-55					
63221-87J00 50-50 40-17 50-19 63223-92D00 40-18 50-20		65892-95D00 41-6 67200-93J03 47-1 67200-93J12 48-1 49-1 67211-93J00 48-27		67255-99E00 49-43 47-28 67256-95600 47-29 67257-92E00 48-11 67257-99E00 47-30	
63225-93200 40-19 50-21		67212-95600 47-12 67213-92E00 47-13 67220-95630 47-16 67221-92E00 49-8 67222-92E00 49-2		67258-99E00 47-31 67259-87D00 47-32 67261-93J00 48-2 67261-99E00 47-33 67263-87J10 40-34	
63227-93200 40-20 50-22 63235-87J00 40-21					
	50-23 40-22 50-24 63250-87J01 40-23 50-25	67223-92E00 49-3 67223-99E10 47-17 67224-92E00 49-9 67225-92E00 49-26 67226-92E00 49-15		67263-93J00 48-3 67263-99E00 50-33 67264-95600 47-35 67267-95610 47-36 67269-92E00 49-31	
63251-87J00 40-41 50-44 63260-87J02 40-24 50-26 63261-87J00 40-25		67226-92E10 49-16 67227-92E00 49-24 67228-92E00 49-18 67229-95600 47-18 67230-92E00 49-20		67271-92E00 48-26 67273-92E00 48-23 67273-95600 47-37 48-22 67274-92E00 48-24	
	50-27 40-26 50-28 63262-87J00 40-27 50-29	67231-92E00 49-44 67232-95600 47-19 49-45 67232-95620 49-30 67233-92E00 49-28		67275-95600 47-38 48-21 67281-93J00 48-17 67286-92E00 49-19 67287-92E00 48-20	
63272-87J00 40-28 50-30 63273-87J00 40-29 50-31 63274-87J00 40-30		67234-92E00 49-22 67235-92E00 49-29 67236-92E00 49-34 67237-92E01 49-35 67238-87D00 47-20		67288-92E00 47-39 49-4 67288-92E10 49-6 67288-92E20 48-7 67288-92E30 48-14	
	50-32 40-31 50-34 63610-88L00 40-45 50-47	67238-92E00 49-36 67239-92E00 49-37 67239-92E10 49-48 67240-92E00 49-17 67241-92E00 49-46		67288-92E40 48-10 67291-92E00 49-7 67291-92E10 49-40 67292-87J00 40-35 50-37	
63612-87J00 40-46 50-48 63625-87J00 40-32 50-35 63626-87J01 40-33		67241-99E10 47-21 67243-92E00 49-47 67243-95600 47-22 67244-95600 47-23 67245-92E00 49-23		67292-94300 47-40 49-5 67294-92E00 49-10 67294-95600 47-41 67295-92E00 48-8	

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
67295-92E10 67296-88D10 48-5 48-6 49-13 49-32 47-42		00000		01550-0845A 33-4 01550-08457 1-12 01550-0885A 33-5 34-5	
67296-90J00					
67296-92E10 47-15 49-12 67296-92E20 49-14 67296-92E30 48-18 67296-92E60 48-13			01421-08257 7-2 01421-08607 7-3 01547-06167 21-9 01547-06207 22-8 01547-06257 1-18	01570-0616A 15-7 01570-06167 17-20 02112-0408A 8-15 02112-06307 21-12 02112-34167 7-8	
67296-92E70 48-9 48-28 67296-94300 47-43 67296-94310 47-34 67296-95600 47-44			01547-0640A 15-3 01547-06457 1-19 01550-05107 38-23 01550-0612A 5-12 01550-06127 1-25	02142-0408B 8-16 02142-05207 40-43 50-46 02142-0612A 1-21 03112-06303 43-24	
67296-95610 47-45 48-25 67297-95600 47-46 67320-93J00 47-54 67320-93J10 47-54			7-11 11-16 16-17 17-14 21-11	03121-0516A 46-15 03142-04309 12-17 03542-05169 38-12 03542-06169 39-5 03542-06209 3-4	
67320-93J20 47-54 67320-93J30 47-54 67320-93J40 47-54 67320-93J50 47-54 67320-93J60 47-54		01550-06167	24-22 25-9 1-27 11-9 14-4	04211-09109 15-4 04211-13189 1-13 04221-04089 3-9 4-7 04221-05109 6-6	
67320-93J70 47-54 67320-93J80 47-54 67341-88L00 17-16 67343-88L00 17-18 67467-89J01 42-7		01550-0620A 01550-06207	17-3 17-17 20-19 5-10 7-14	07120-06357 10-5 08211-20263 19-12 08211-35451 19-10 08221-35455 19-10 08221-35456 19-10	
67500-93J00 48-29 67700-93J00 42-10 67701-87J11 42-2 67721-87J00 42-3 67725-99E00 42-4		01550-06257 01550-06307	13-7 3-8 11-2 22-2 3-2	08310-00067 24-15 08316-10087 7-6 7-6 24-2 08321-01067 24-16	
67726-99E00 42-5 67728-99E00 42-6 68111-18G20 39-11 68165-16B00-13L 47-47 69711-93E10 3-11		01550-06407 01550-06457	8-24 9-4 17-4 14-11 14-3	08331-3115A 18-12 09100-06113 30-10 09100-08232 47-48 09100-08260 5-5 09100-10264 40-47	
90000		01550-08207	1-9 2-2 14-5	09100-12091 50-52 26-8 27-9	
		01550-0825A	33-10 34-10	09100-12093 26-8 27-9	
		01550-08307	7-4 7-4 20-20	09103-06093 23-9 23-9 09103-06152 23-12	
		01550-08407	2-6 7-5	09103-06266 1-3 09103-06281 1-8	

PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.	PART NO.	FIG.NO.-REF.NO.
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