



Parts Book  
DT85 83-85

PTBK180C

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 catalog covers the list of all service parts for SUZUKI DT85 O/I QD, DT85TC VE, DT85TC VF.

INSTRUCTIONS FOR QUOTING THE CATALOG

1. DIMENSIONS

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

2. ABBREVIATIONS

Abbreviations used in this catalog 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	S,SL,L	: Transom type
LH	: Left hand side	LL,LL	
RH	: Right hand side		

~123456 : Up to F.No.8501-123456

123457~ : From F.No.8501-123457

$\frac{12}{\text{ID}} \times \frac{34}{\text{OD}} \times \frac{5.6}{\text{T(or W,L)}}$  .....Figures in the description column show the dimensions of parts.

ID OD T(or W,L)

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 catalog. or what is actually required on the vehicle.

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

6. ON ISSUE TO NEW SPARE PARTS CATALOG

This parts catalog was arranged to include modifications as of Sep., 1984. Once each year new parts catalog will be issued, containing, of course, all prior modifications. Upon receipt of each new issue the old catalog should be destroyed.

7. ENGINE NUMBER

DT85 O/I QD : 8501-300001~310434

DT85TC VE : 8501-410435~412597

DT85TC VF : 8501-512598~



FIG.1

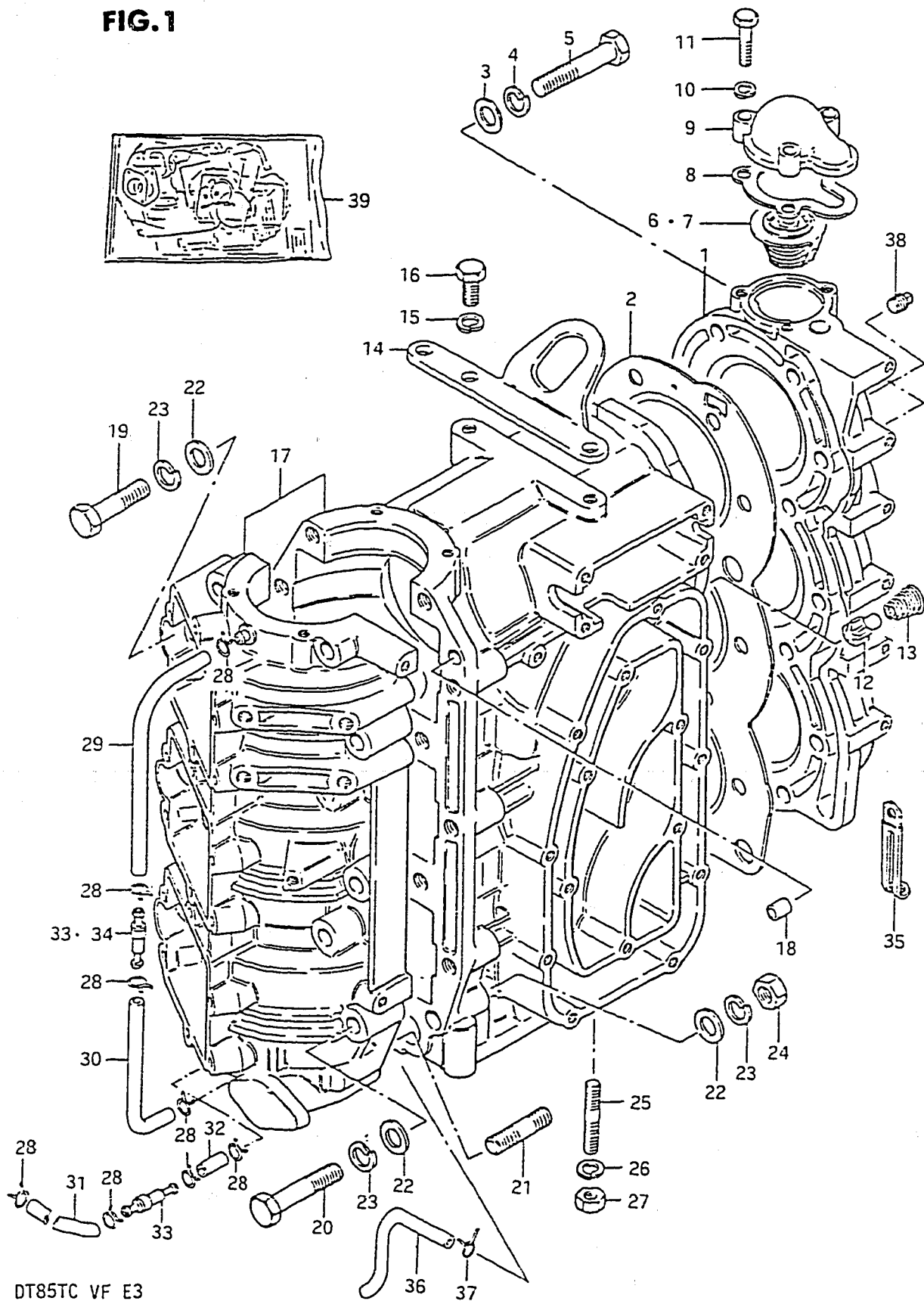
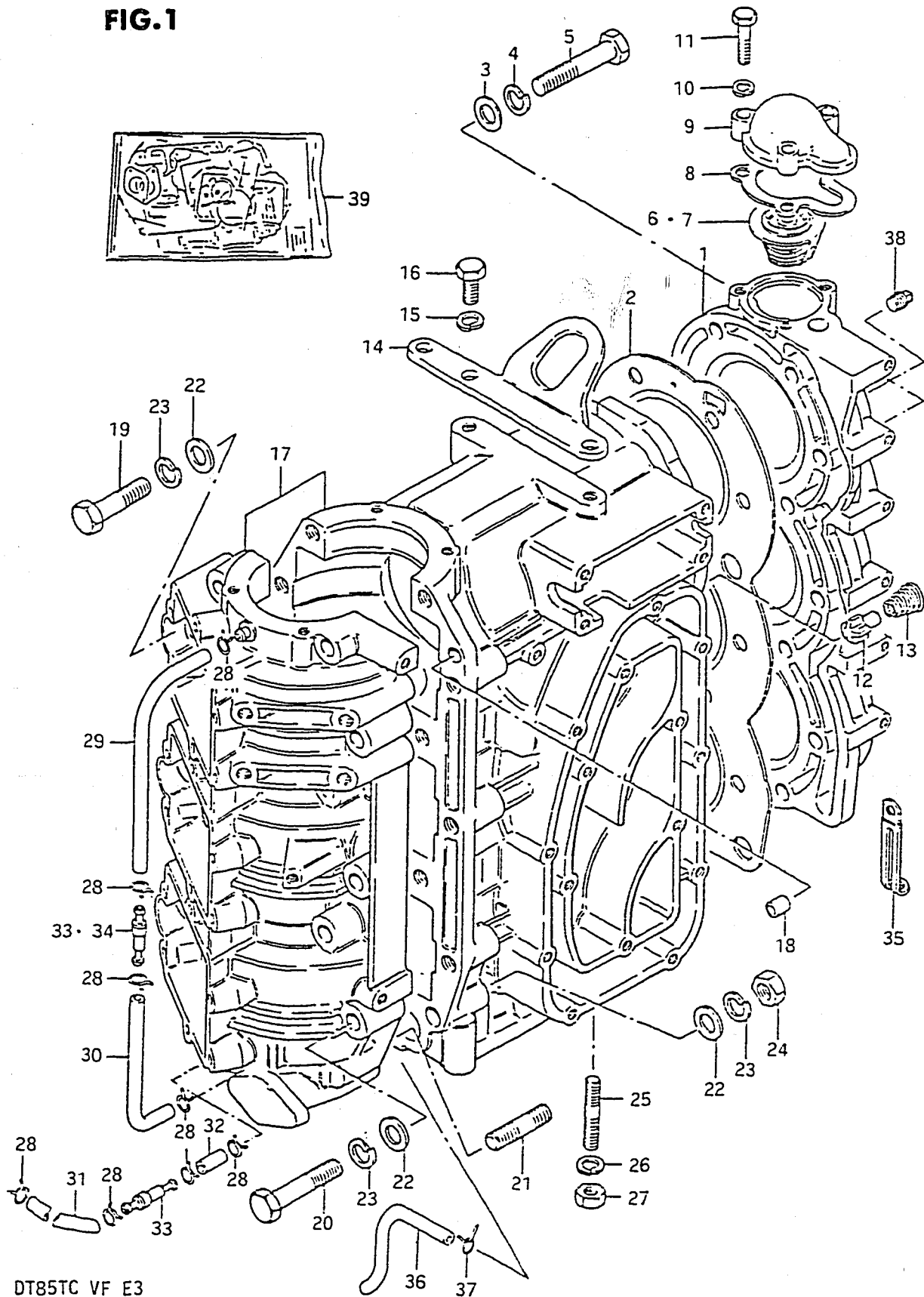


FIG.1 (B- 2) CYLINDER

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	11110-95504-02M	CYLINDER HEAD	1	~309470
1-2	11110-95505-02M	CYLINDER HEAD	1	309471~412462
1-3	11110-95506-02M	CYLINDER HEAD	1	412463~412597
1-4	11110-95507-02M	CYLINDER HEAD	1	512598~
2	11141-95504	GASKET, cylinder head	1	
3	08322-11108	WASHER	14	
4	08321-21108	LOCK WASHER	14	
5	01107-10608	BOLT	14	
6	17670-95300	THERMOSTAT (42°C)	1	
7	17670-95290	THERMOSTAT (62°C)	1	OPT
8-1	17685-95500	GASKET, thermostat (T:1)	1	~309470
8-2	17685-95501	GASKET, thermostat (T:1)	1	309471~
9-1	17681-95501-02M	COVER, thermostat	1	~309470
9-2	17681-95502-02M	COVER, thermostat	1	309471~
10	08321-21068	LOCK WASHER	3	
11	01107-06308	BOLT	3	
12	17611-95201	VALVE, water bypass	1	
13	09441-12001	SPRING	1	
14	11291-95500	HOOK, engine	1	
15	08321-21088	LOCK WASHER	2	
16	01107-08208	BOLT	2	
17-1	11301-95530-02M	CYLINDER/CRANKCASE ASSY	1	~410882
17-2	11301-95531-02M	CYLINDER/CRANKCASE ASSY	1	410883~
18	04211-09109	.PIN (6.4x9x10)	2	
19	01107-10458	.BOLT (10x45)	3	
20	01107-10558	.BOLT (10x55)	10	
21	01421-10458	.STUD BOLT	1	
22	08322-11108	.WASHER	14	
23	08321-21108	.LOCK WASHER	14	
24	08310-12108	.NUT	1	

FIG.1



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FIG.1 (B- 3) CYLINDER

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
25-1	09108-08026	STUD BOLT, engine holder	1	model QD, 8x35
25-2	09108-08146	STUD BOLT, engine holder	1	model VE/VF, 8x35
26-1	09162-08003	LOCK WASHER	1	model QD
26-2	09162-08007	LOCK WASHER	1	model VE/VF
27-1	09140-08003	NUT	1	model QD
27-2	09140-08016	NUT	1	model VE/VF
28-1	09401-06403	CLIP	8	~310443
28-2	09401-06403	CLIP	4	410444n
29	09343-03051	HOSE, lubrication (1)	1	L:330+300
30	09343-03051	HOSE, lubrication (2)	1	L:330+120
31	09343-03051	HOSE, lubrication (3)	1	L:330+180, ~310443
32	09343-03051	HOSE, lubrication (4)	1	L:330+30, ~310443
33	16710-95200	CHECK VALVE	2	~310443
34	16710-95200	CHECK VALVE	1	410444n
35	09404-10405	CLAMP, PTT cable	2	
36-1	09343-03051	HOSE, water inspection	1	L:330+120, ~410762
36-2	09343-05137	HOSE, water inspection	1	L:330+120, 410763n
37-1	09401-06403	CLIP	2	~410762
37-2	09401-09402	CLIP	2	410763n
38	09246-04003	PLUG	1	412463n
39-1	11400-95847	GASKET SET	1	model QD:OPT
39-2	11400-95849	GASKET SET	1	model VE/VF:OPT



FIG.2

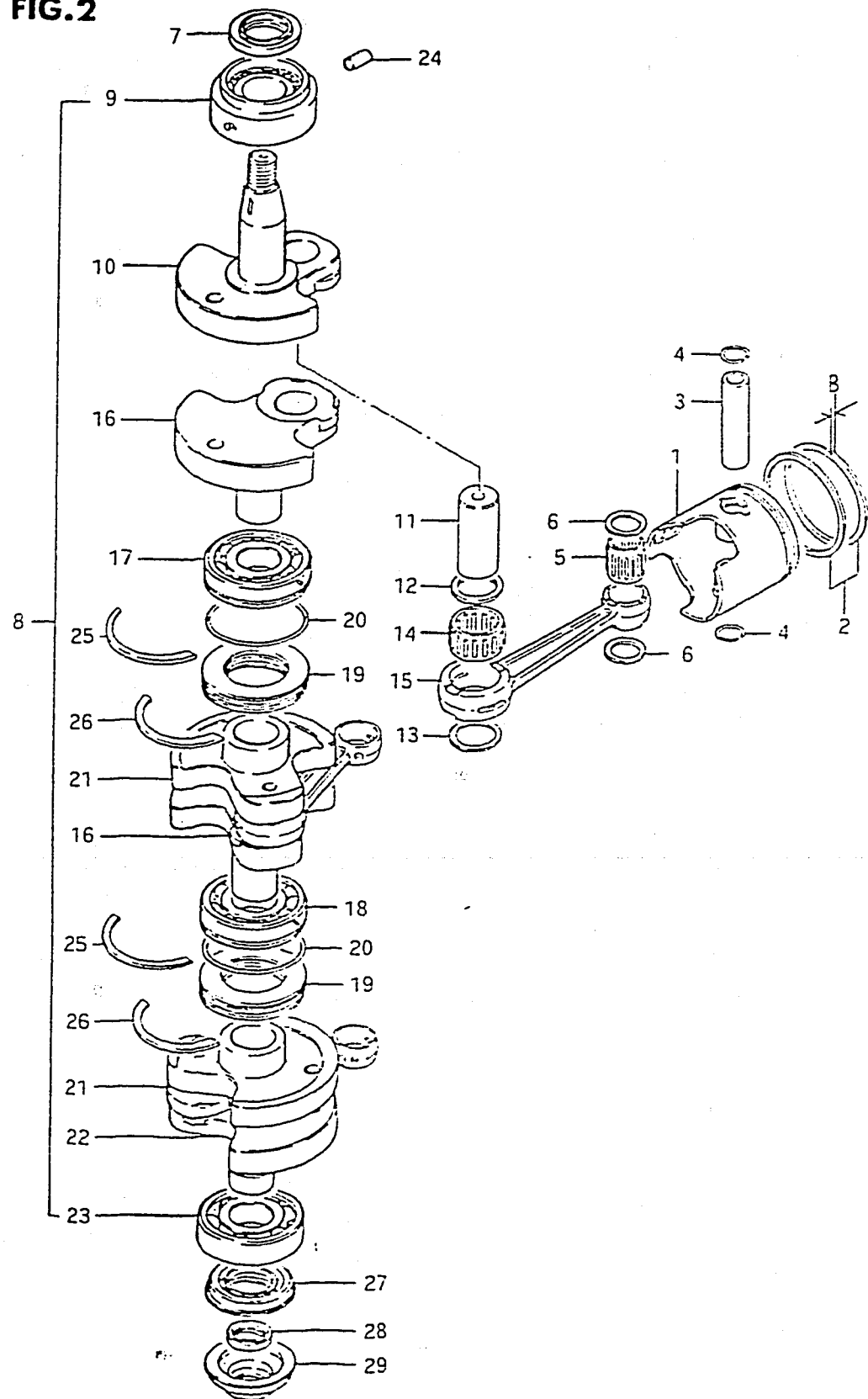
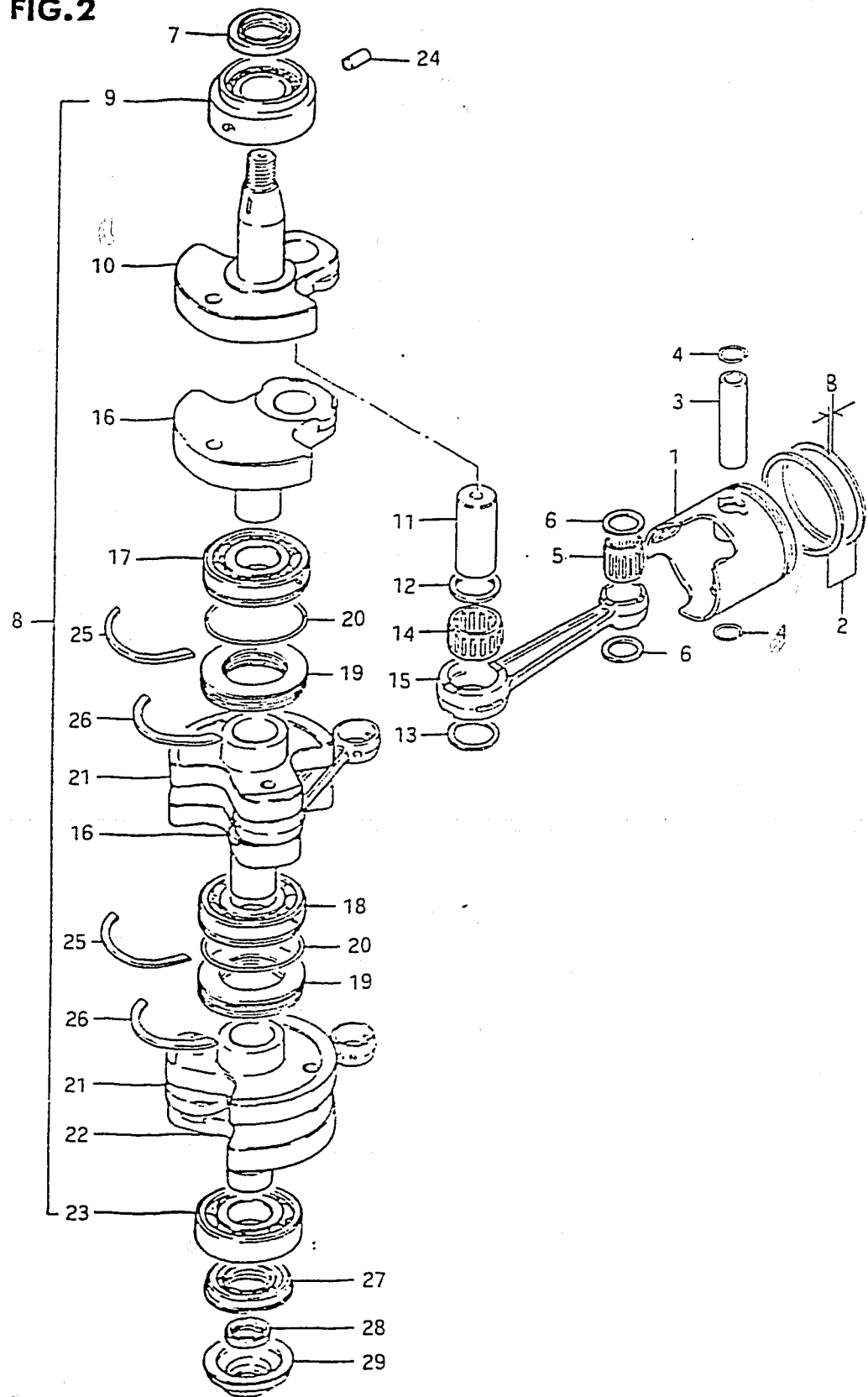


FIG.2 (B- 4) CRANKSHAFT

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	12110-95323	PISTON	3	~410783
1-2	12110-95512	PISTON	3	410784~
1-3	12110-95322-025	PISTON (OS:0.25)	3	model QD,OPT
1-4	12110-95323-025	PISTON (OS:0.25)	3	model VE/VF,OPT
1-5	12110-95322-050	PISTON (OS:0.5)	3	model QD,OPT
1-6	12110-95323-050	PISTON (OS:0.5)	3	model VE/VF,OPT
2-1	12140-95311	RING SET, piston :	3	~410783
2-2	12140-95302	RING SET, piston	3	410784~
2-3	12140-95311-025	RING SET, piston (OS:0.25)	3	OPT
2-4	12140-95311-050	RING SET, piston (OS:0.5)	3	OPT
3	12151-95500	PIN, piston	3	
4	09381-20004	CIRCLIP, piston pin	6	
5	09263-20034	BEARING, piston pin	3	
6	09169-20001	WASHER, connecting rod	6	
7	09283-30029	OIL SEAL, upper (30x47x8)	1	
8-1	12200-95530	CRANKSHAFT ASSY	1	~411266
8-2	12200-95531	CRANKSHAFT ASSY	1	411267~
9-1	09264-30006	.BEARING, upper	1	~411266
9-2	09264-40001	.BEARING, upper	1	411267~
10-1	12221-95501	.CRANKSHAFT, upper	1	~309166
10-2	12221-95502	.CRANKSHAFT, upper	1	309167~411266
10-3	12221-95503	.CRANKSHAFT, upper	1	411267~
11-1	12211-95501	.PIN, crank (7x28x64)	1	~309562
11-2	12211-95502	.PIN, crank	1	309563~411266
11-3	12211-95503	.PIN, crank	1	411267~
12-1	09160-28019	.WASHER (28x35x2.5)	3	
12-2	08211-28363	.WASHER	6	
13	08211-28361	.WASHER (28x35x1.5)	3	
14-1	09263-28019	.BEARING, crank pin	3	~310090
14-2	09263-28018	.BEARING, crank pin	3	310091~
15-1	12161-95300	.ROD, connecting	3	model QD
15-2	12161-95301	.ROD, connecting	3	model VE/VF

FIG.2

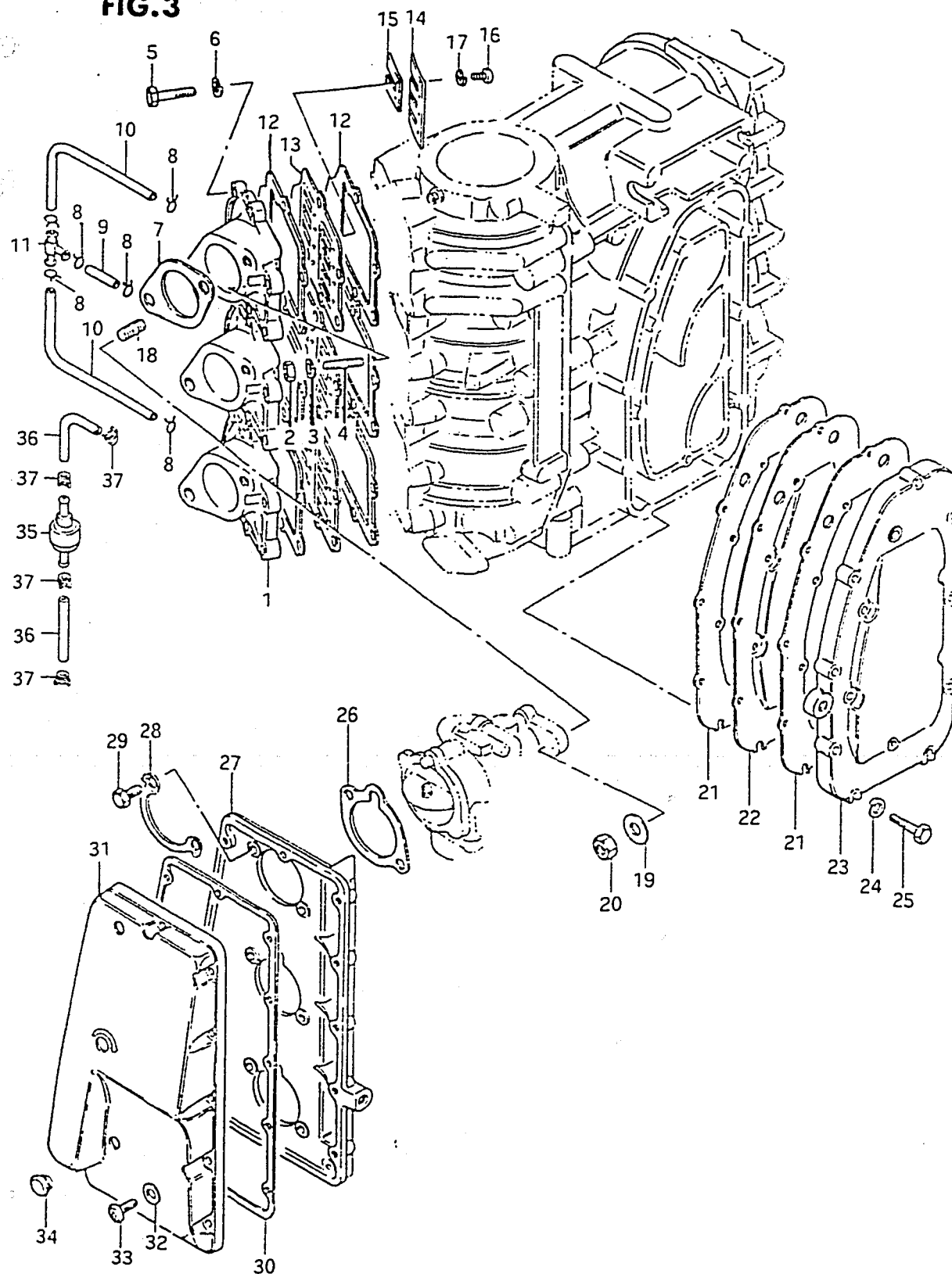


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FIG.2 (B- 5) CRANKSHAFT

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
16-1	12231-95501	.CRANKSHAFT, middle	2	~411266
16-2	12231-95502	.CRANKSHAFT, middle	2	411267~
17	09262-30053	.BEARING, middle lower	1	
18	09264-30007	.BEARING, middle lower	1	
19-1	12321-95204	.SEAL, labyrinth	2	~411266
19-2	12321-95210	.SEAL, labyrinth	2	411267~
20	09280-63001	.O RING (ID:63.1,d:1.9)	2	
21-1	12233-95500	.WHEEL, middle crankshaft	2	~411266
21-2	12232-95500	.WHEEL, middle crankshaft	2	411267~
22-1	12240-95502	.CRANKSHAFT, lower	1	~411266
22-2	12240-95503	.CRANKSHAFT, lower	1	411267~
23	09262-30049	.BEARING, lower	1	30x72x19
24	04221-04089	PIN	1	
25	09390-72008	RING, bearing	2	
26	09390-72006	RING, seal labyrinth	2	
27	09283-30042	OIL SEAL	1	
28-1	09282-20003	OIL SEAL, driveshaft upper	1	model QD, 20x30x6
28-2	09282-20003	OIL SEAL, driveshaft upper	2	model VE/VF, 20x30x6
29-1	11431-95501	HOUSING, oil seal	1	model QD
29-2	11431-95502	HOUSING, oil seal	1	model VE/VF

FIG.3 (B- 6) INLET CASE - EXHAUST COVER



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	13110-95511-02M	CASE, inlet	3	~411267
1-2	13110-95512-02M	CASE, inlet	3	411268v
2	08310-11068	NUT	6	
3	08321-21068	LOCK WASHER	6	
4	01421-06258	STUD BOLT	6	
5	01107-06308	BOLT	12	
6	08321-21068	LOCK WASHER	12	
7	13125-95200	GASKET (T:1)	3	
8-1	09401-06403	CLIP	6	model QD
8-2	09401-09402	CLIP	6	model VE/VF
9-1	09343-03051	HOSE, inlet case (1)	1	model QD,L:235+30
9-2	09343-05254	HOSE, inlet case (1)	1	model VE/VF,L:45
10-1	09343-03051	HOSE, inlet case (2)	2	model QD,L:235+120
10-2	09343-05137	HOSE, inlet case (2)	2	model VE/VF,L:500+127
11-1	09367-04001	3 WAY JOINT	1	model QD
11-2	09367-06002	3 WAY JOINT	1	model VE/VF
12	13121-95500	GASKET, inlet case (T:0.5)	6	
13	13150-95510	VALVE ASSY, reed	3	
14	13152-95500	.STOPPER	12	
15	13153-95501	.VALVE, reed	12	
16	02112-03068	.SCREW	24	
17	08321-21038	.LOCK WASHER	24	
18	01411-08208	STUD BOLT	3	
19	08322-11088	WASHER	6	
20	08310-22038	NUT	6	
21	14151-95501	GASKET, exhaust cover (T:1)	2	
22	14131-95505-02M	PLATE, exhaust cover	1	
23	14141-95501-02M	COVER, exhaust	1	
24	08321-21068	LOCK WASHER	15	
25	01107-06308	BOLT	15	
26	13855-95200	GASKET, silencer	3	
27-1	13810-95500-02M	CASE, silencer	1	model QD
27-2	13811-95501-02M	CASE, silencer	1	model VE
27-3	13811-95503-02M	CASE, silencer	1	model VF
28	09169-06027	WASHER	3	
29	01107-06168	BOLT	6	

FIG.3 (B- 7) INLET CASE - EXHAUST COVER

Q'TY

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
30	13853-95500	GASKET, silencer cover	1	T:1.5
31-1	13812-95501	COVER, silencer	1	~411896
31-2	13812-95502	COVER, silencer	1	~411897
32	08322-21058	WASHER	11	
33	02112-05208	SCREW	11	
34-1	09250-10010	PLUG	3	~411896
34-2	09250-15010	PLUG	3	411897
35	16710-94520	VALVE, check	1	
36	09343-03051	HOSE	2	
37	09401-06405	CLIP	4	

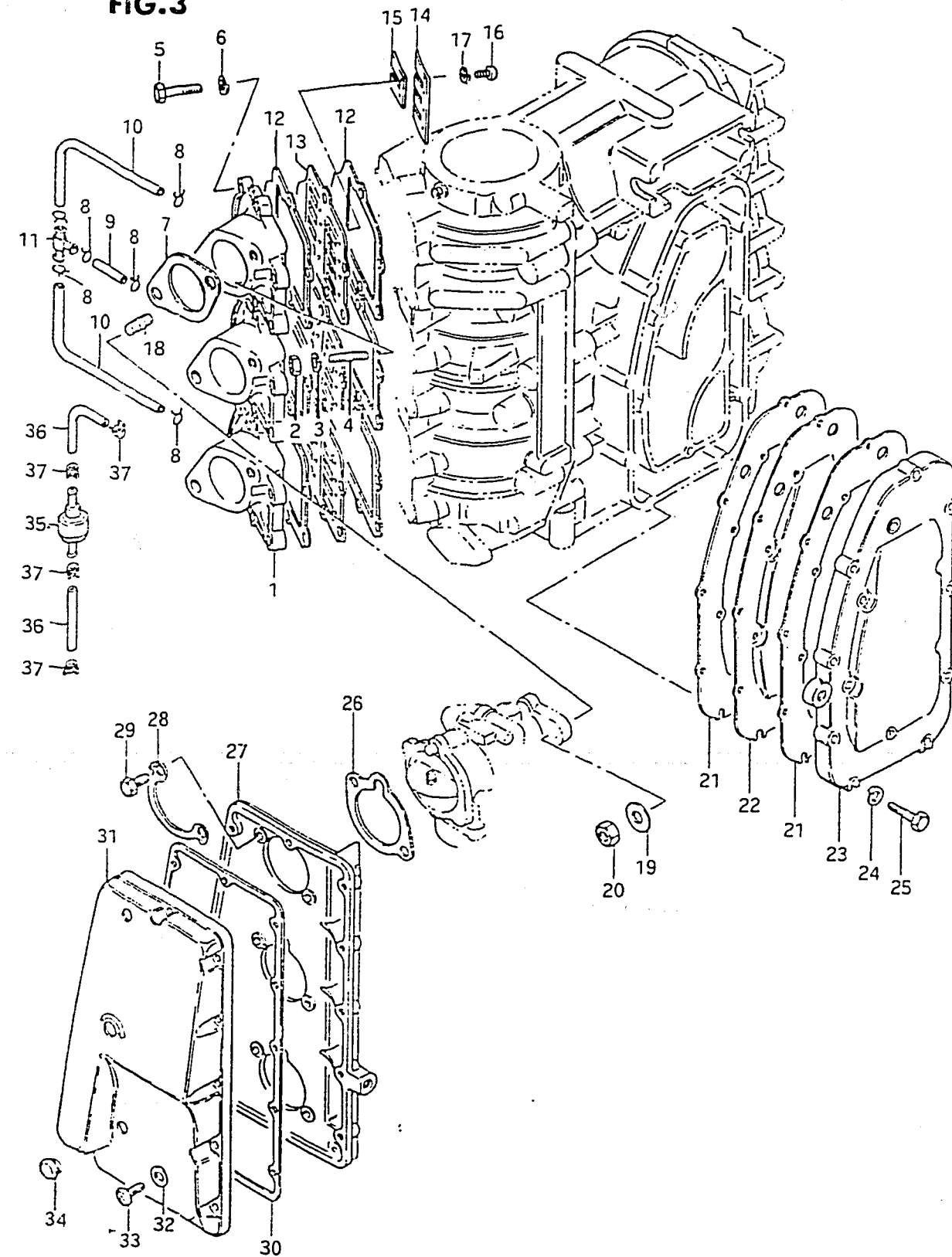
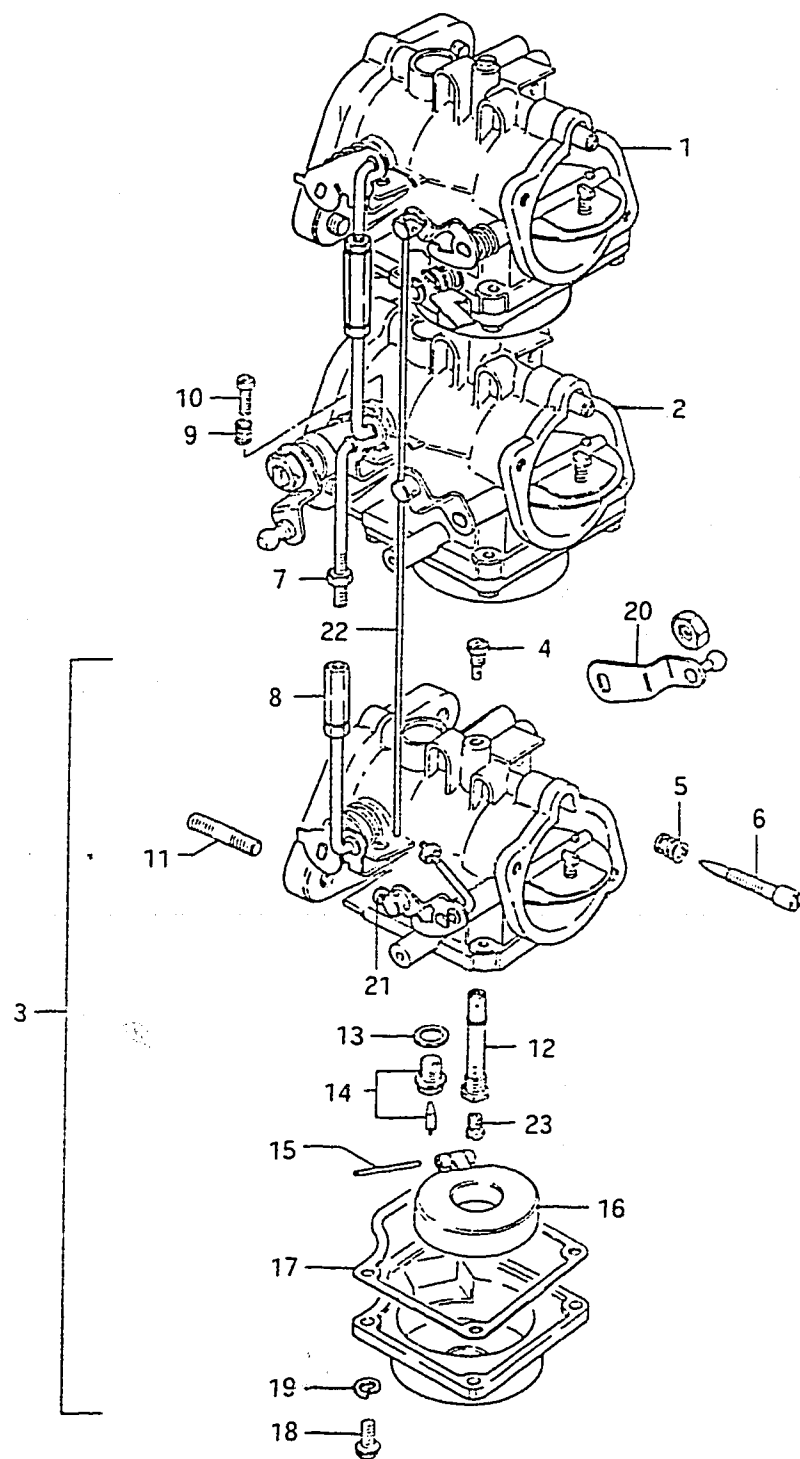


FIG.4

FIG.4 (B- 8) CARBURETOR



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	13201-95503	CARBURETOR, top	1	model QD
1-2	13201-95590	CARBURETOR, top	1	model VE
1-3	13201-95592	CARBURETOR, top	1	model VF
2-1	13202-95502	CARBURETOR, 2nd	1	model QD
2-2	13202-95590	CARBURETOR, 2nd	1	model VE
2-3	13202-95592	CARBURETOR, 2nd	1	model VF
3-1	13203-95520	CARBURETOR, 3rd	1	model QD
3-2	13203-95590	CARBURETOR, 3rd	1	model VE
3-3	13203-95592	CARBURETOR, 3rd	1	model VF
4-1	09492-75001	.JET, pilot (75)	3	model QD
4-2	09492-90002	.JET, pilot (90)	3	model VE/VF
5	13271-93311	.SPRING, air screw	3	
6	13269-95210	.ADJUSTER	3	
7	13582-95216	.NUT	2	
8	13582-95219	.NUT	2	
9	13268-96110	.SPRING, stop screw	3	model QD
10	13267-95211	.SCREW, throttle stop	3	model QD
11	01411-08208	.STUD BOLT	3	
12	13235-95210	.NOZZLE	3	
13	13392-58600	.GASKET, valve seat	3	
14	13370-28110	.VALVE ASSY, needle	3	
15	13254-93010	.PIN, float	3	
16	13250-93012	.FLOAT	3	
17	13251-95210	.GASKET, float chamber	3	
18-1	13611-95211	.BOLT	12	model QD
18-2	09125-05048	.SCREW	12	model VE/VF
19	09162-05002	.LOCK WASHER	12	
20	13553-95518	.LEVER, oil pump control	1	
21	13429-95510	.SCREW	2	
22	13425-95510	.CABLE	1	
23-1	09491-32008	.JET, main (162.5)	3	
23-2	09491-31007	JET, main (157.5)	3	OPT
23-3	09491-32006	JET, main (160)	3	OPT
23-4	09491-34004	JET, main (170)	3	OPT
23-5	09491-34006	JET, main (172.5)	3	OPT

FIG.5

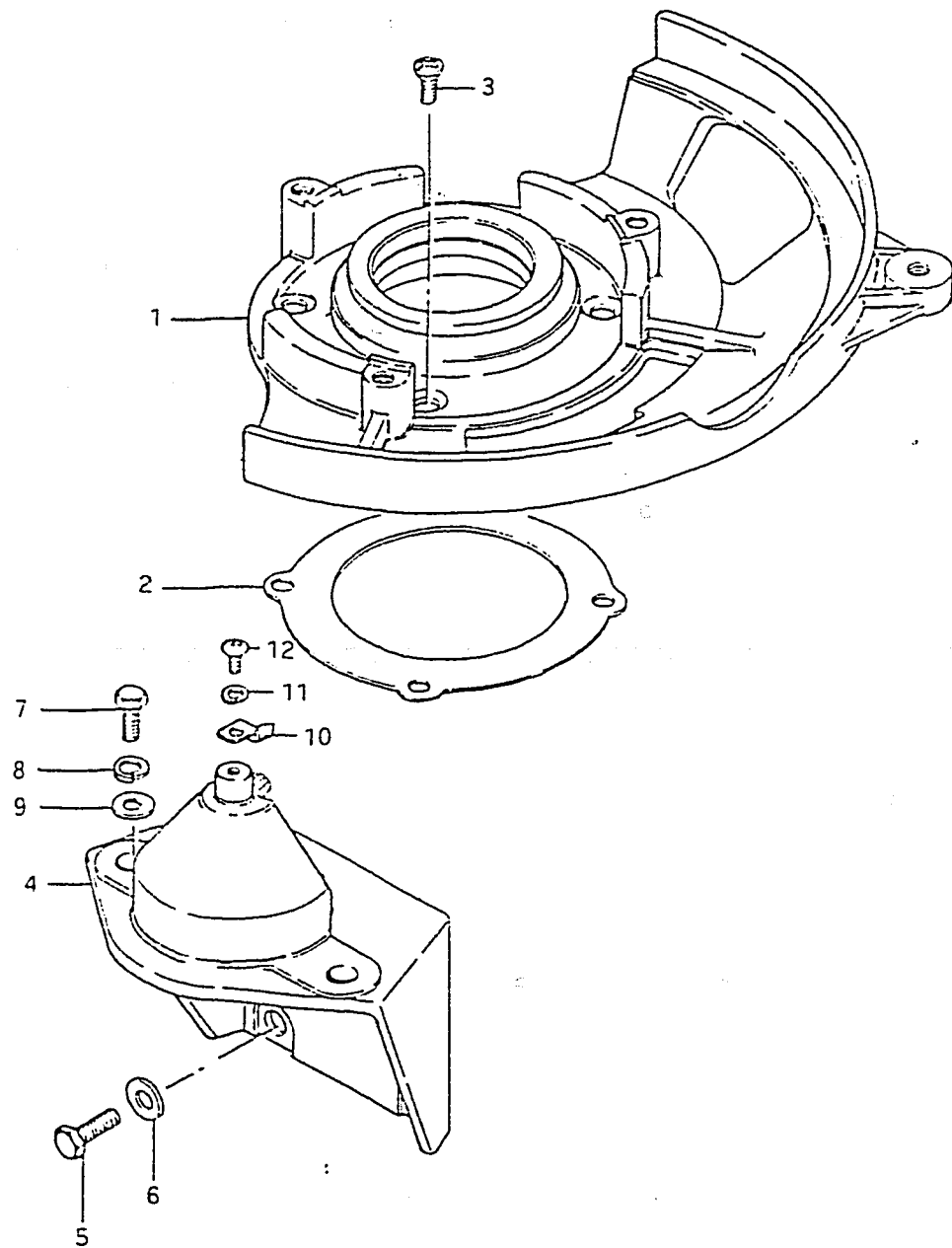
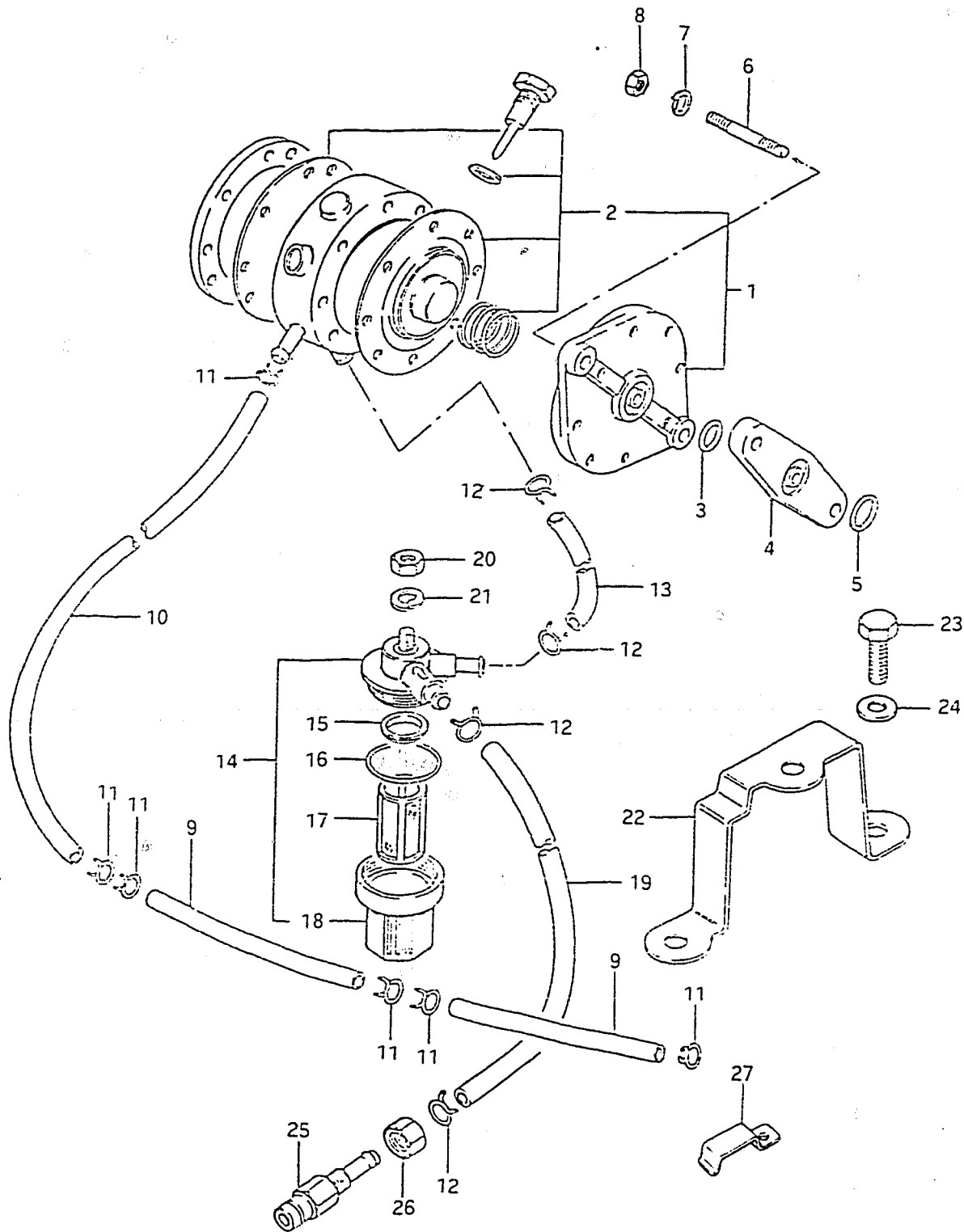


FIG.5 (B- 9) OIL SEAL HOUSING - MOTOR BRACKET

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	11410-95510-02M	HOUSING, upper oil seal	1	
2	11421-95500	GASKET (T:0.5)	1	
3	02122-06168	SCREW	4	
4-1	31911-95501-02M	BRACKET, starting motor	1	~412597
4-2	31911-95502-02M	BRACKET, starting motor	1	512598v
5	01107-08208	BOLT	4	
6	08322-11088	WASHER	4	
7	01107-08258	BOLT	2	
8	08321-21088	LOCK WASHER	2	
9	08322-11088	WASHER	2	
10	32495-95501	TIMING POINTER	1	
11	09162-05002	LOCK WASHER	1	
12	09125-05028	SCREW	1	

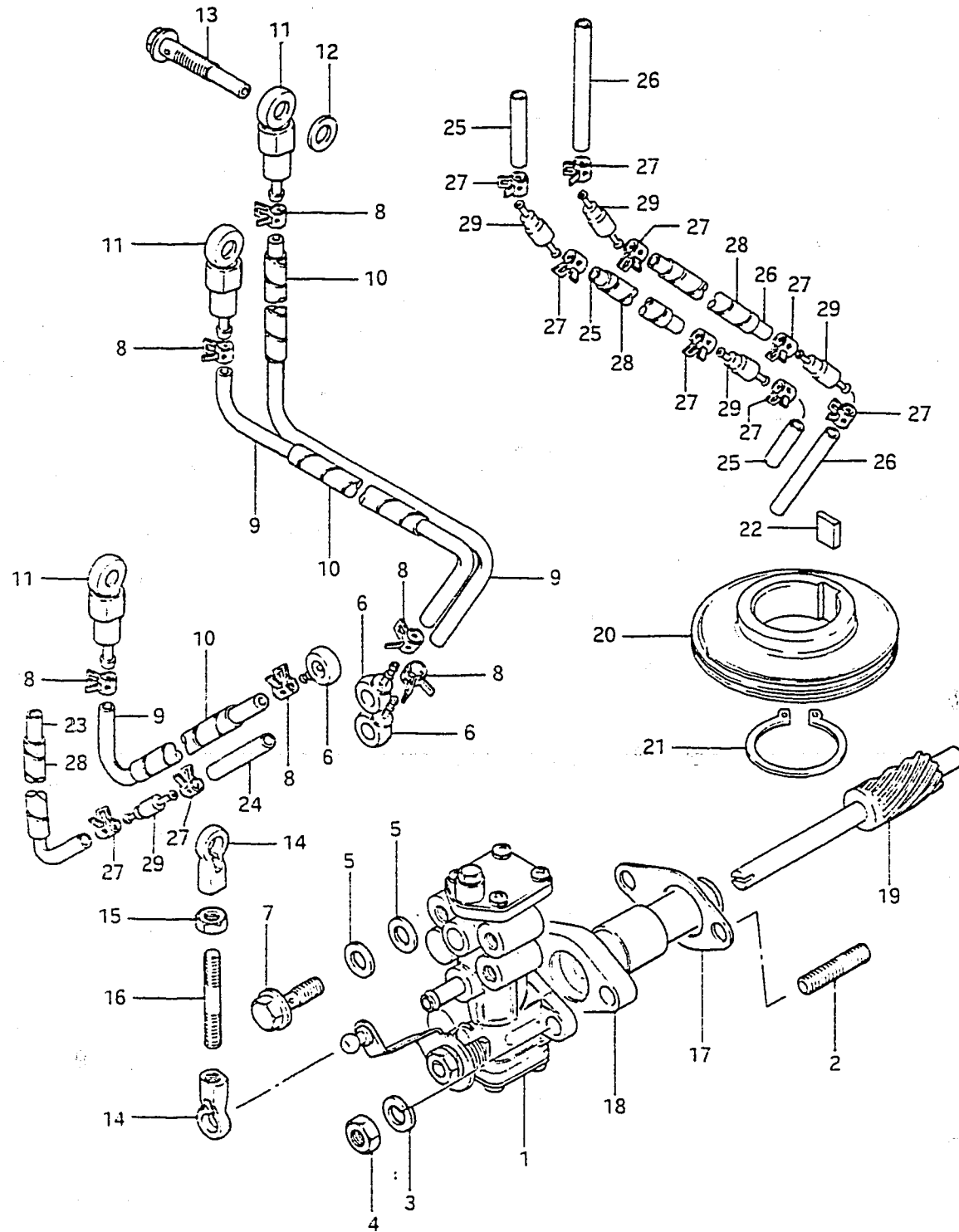
FIG.6

FIG.6 (B-10) FUEL PUMP



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	15100-95512	PUMP ASSY, fuel	1	
2	15170-95501	.DIAPHRAGM SET	1	
3	15165-93010	.O RING	1	
4	15322-93000	INSULATOR	1	
5	09280-12005	O RING (ID:11.8,d:2.4)	1	
6	01421-06258	STUD BOLT	2	
7	08321-21068	LOCK WASHER	2	
8	08310-11068	NUT	2	
9	09343-05137	HOSE, fuel (carb→carb)	2	L:500→135
10	09343-05137	HOSE, fuel (pump→carb)	1	L:500→450
11	09401-09402	CLIP	6	
12	09401-10405	CLIP	4	
13	09343-07093	HOSE, fuel (filter→pump)	1	L:655→140
14	15410-95510	FILTER, fuel	1	
15	15416-93400	.PACKING	1	
16	15415-93400	.O RING	1	
17	15412-93400	.STRAINER	1	
18	15413-93400	.CUP	1	
19	09343-07093	HOSE, fuel (connector→filter)	1	L:655→415
20	08310-22088	NUT	1	
21	08321-21088	LOCK WASHER	1	
22	15421-95511	BRACKET, fuel filter	1	
23	09100-06115	BOLT	2	
24	09162-06001	WASHER	2	
25	65720-95501	CONNECTOR, male fuel	1	
26	08310-22128	NUT	1	
27	09403-10307	CLAMP	1	

FIG.7



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FIG.7 (B-11) OIL PUMP

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	16100-95500	PUMP ASSY, oil	1	~309606
1-2	16100-95501	PUMP ASSY, oil	1	309607
2	01421-06308	STUD BOLT	2	
3	09162-06001	LOCK WASHER	2	
4	09140-06013	NUT	2	
5	09168-06009	GASKET (6.5x12x1.4)	6	
6	09363-02002	UNION	3	
7	09360-06012	BOLT	3	
8	09401-06405	CLIP	6	
9	09344-02013	HOSE, outlet (L:420+370)	3	
10	16911-94500	PROTECTOR (L:390+340)	3	
11	16710-94502	CHECK VALVE	3	
12	09168-06009	GASKET (6.5x12x1.4)	6	
13	09360-06009	BOLT	3	
14	19131-95501	CONNECTOR	2	
15	09140-05001	NUT	1	
16	16411-95500	ROD, control	1	
17	16731-95500	GASKET	1	
18	16340-95510	RETAINER, driven gear	1	
19	16331-95510	GEAR, driven	1	
20	16321-95502	GEAR, drive	1	
21	08331-11308	CIRCLIP	1	
22	09421-10001	KEY	1	
23	09344-02015	HOSE, outlet No.1 (L:220)	1	
24	09344-02016	HOSE, outlet No.2 (L:120)	1	
25	09344-02017	HOSE, outlet (L:40)	3	
26	09344-02018	HOSE, outlet No.3 (L:85)	3	
27	09401-06405	CLIP	16	
28	16911-94500	PROTECTOR	3	
29	16710-94530	CHECK VALVE	5	



FIG. 8

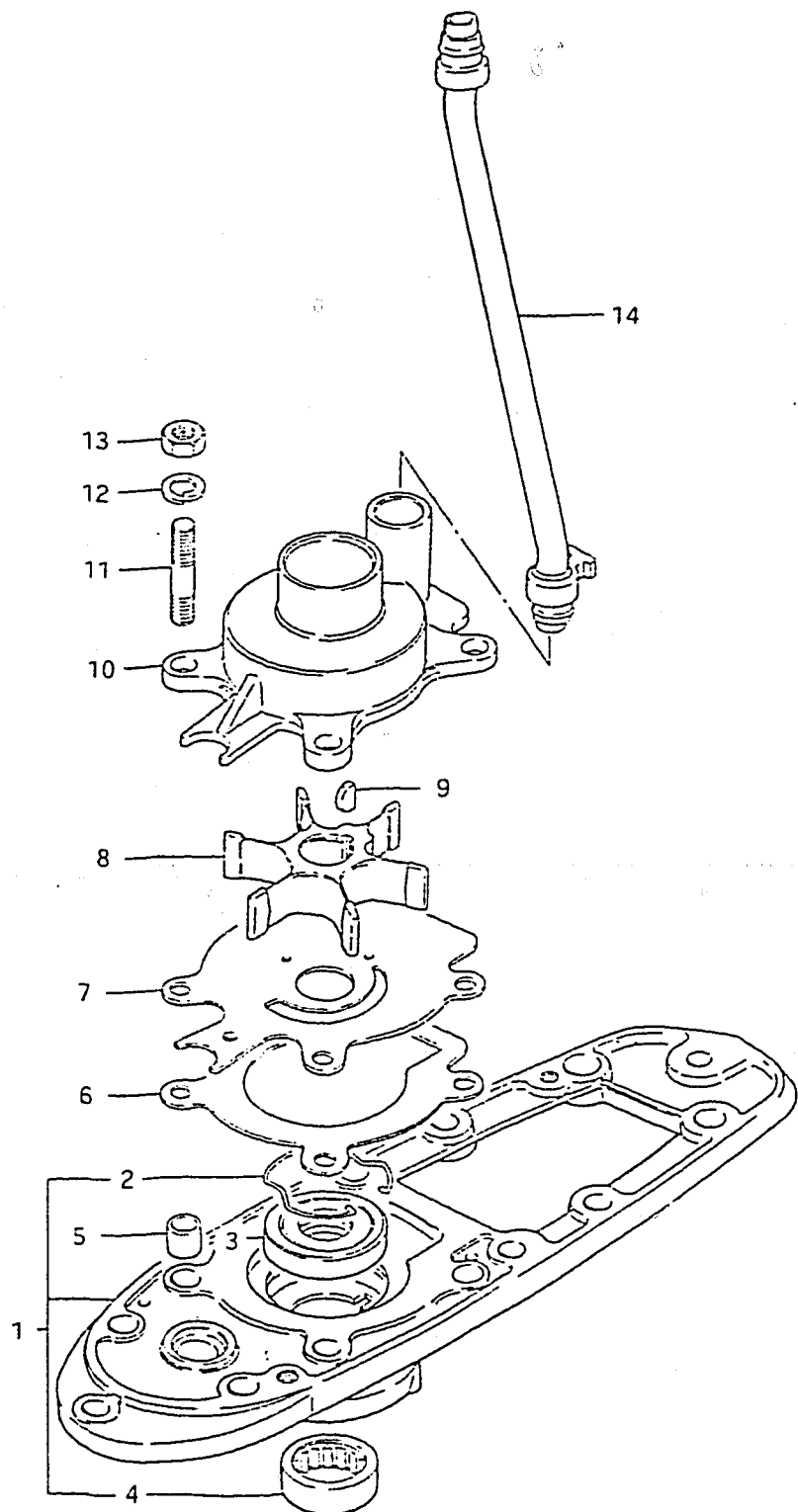


FIG. 8 (B-12) WATER PUMP

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	56130-95503-02M	HOUSING, driveshaft bearing	1	~411108
1-2	56130-95504-02M	HOUSING, driveshaft bearing	1	411109~
2	09387-45001	.RING, oil seal	1	
3-1	09289-20008	.OIL SEAL (20x42x8)	1	~411108
3-2	09282-20007	.OIL SEAL	2	411109~
4	09263-25025	.BEARING (25x33x15)	1	
5	09206-11001	DOWEL PIN (8.4x11x12)	4	
6	17472-95200	GASKET	1	
7	17471-95503	PANEL, case lower	1	
8	17461-95501	IMPELLER	1	
9	09420-04005	KEY	1	
10	17411-95204	CASE, water pump	1	
11	09108-08088	STUD BOLT	4	
12	09162-08003	LOCK WASHER	4	
13	09140-08003	NUT	4	
14	17560-95500	TUBE, water	1	
15	17400-95550	REPAIR KIT, water pump	1	OPT

FIG. 9

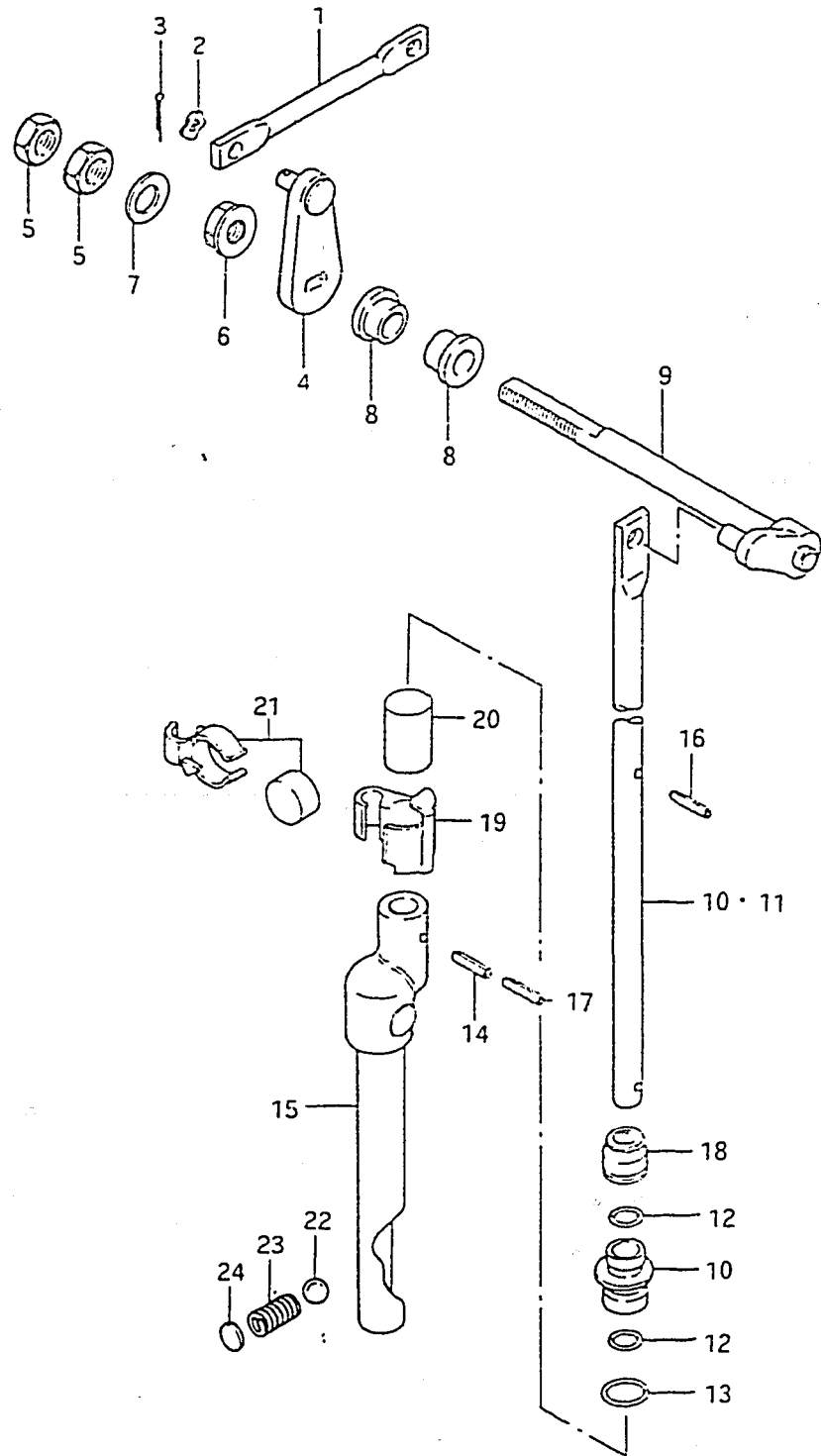


FIG.9 (B-13) CLUTCH

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	23111-95500	ROD, clutch control	1	
2	09164-05002	WAVE WASHER	2	
3	09204-01001	COTTER PIN	1	
4	21230-95500	ARM, clutch shaft side	1	
5	09140-08012	NUT	2	~309589
6	08319-31087	NUT	1	309590~
7	09160-08015	WASHER (8.5x16x1.6)	1	~309589
8	09306-08003	BUSH	2	
9	21210-95201	SHAFT, clutch	1	
10	25111-95502	ROD, shift upper	1	
11	25211-95202	GUIDE, shifting rod	1	
12	09280-08005	O RING	2	
13	09280-11001	O RING	1	
14-1	09205-03021	SPRING PIN	1	~411668
14-2	09205-03030	SPRING PIN	1	411669~
15-1	25310-95504	CAM, shift	1	~411668
15-2	25310-95506	CAM, shift	1	411669~
16	09205-02004	PIN, stopper (2.8x12)	1	
17-1	09205-02006	PIN, upper (2.25x12)	1	~411668
17-2	09205-02012	PIN, upper	1	411669~
18	25223-95200	DUST SEAL	1	
19	25231-95501	HOLDER, magnet	1	model QD
20	25232-95501	MAGNET	1	model QD
21	25230-94300	MAGNET SET	1	model VE/VF
22	09260-10005	BALL NOTCH	1	
23	09440-07033	SPRING	1	
24	21121-93300	PLATE	1	

FIG. 10

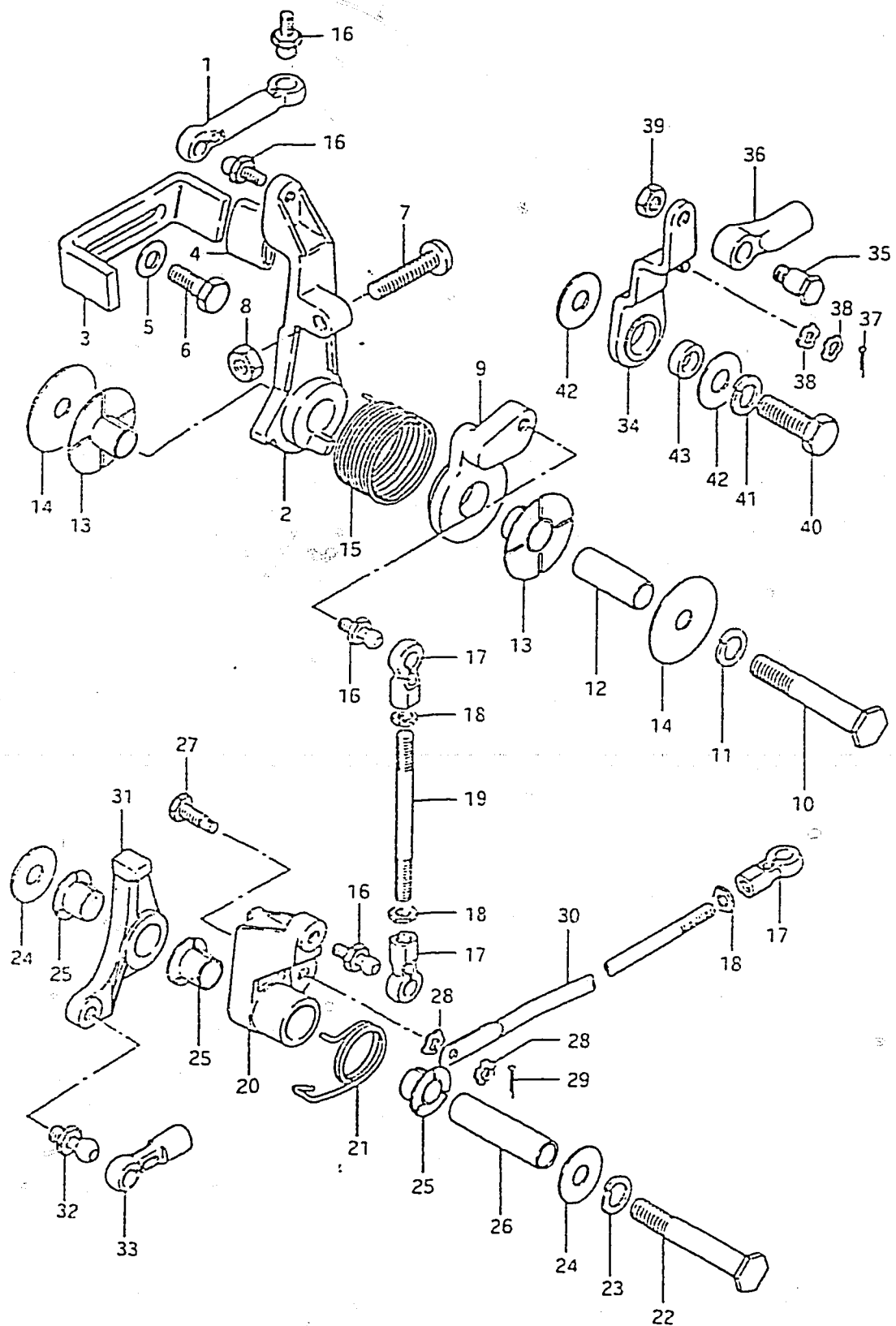


FIG.10 (C- 2) THROTTLE LINK

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	19132-95500	CONNECTOR	1	
2	19211-95500-02M	LEVER, spark advance	1	
3	19216-95501	PLATE, idle & advance ADJ	1	
4	09343-12005	PROTECTOR, adjust plate	1	
5	09160-06036	WASHER	2	
6	09100-06020	BOLT (6x20)	2	
7	09100-06083	BOLT, adjustment	1	
8	09140-06004	NUT	1	
9	19212-95501-02M	LEVER, inter link spark advance	1	
10-1	09100-08153	BOLT	1	model QD
10-2	01107-08508	BOLT	1	model VE/VF
11-1	09162-08003	LOCK WASHER	1	model QD
11-2	08321-21088	LOCK WASHER	1	model VE/VF
12-1	09180-08088	SPACER (8x11x33.5)	1	~310294
12-2	09205-11002	SPACER (8.3x11x33.5)	1	310295v
13	09306-11005	BUSH	2	
14	09160-08046	WASHER (8x34x1)	2	
15-1	09448-33003	SPRING, advance lever	1	model QD
15-2	09448-33008	SPRING, advance lever	1	model VE/VF
16	09119-05010	BALL PIVOT	5	
17	19131-95501	CONNECTOR	3	
18	08310-11058	NUT, lock	3	
19	19136-95500	ROD (L:76.5)	1	
20	19121-95501-02M	LEVER, throttle control	1	
21	09448-26003	SPRING	1	
22	01107-08608	BOLT (8x60)	1	
23	08321-21088	LOCK WASHER	1	
24	09160-08045	WASHER (8x22x1)	2	
25	09306-11004	BUSHING	3	
26-1	09180-08087	SPACER (8x11x39.5)	1	~310217
26-2	09205-11003	SPACER (8.3x11x39.5)	1	310218v

FIG.10

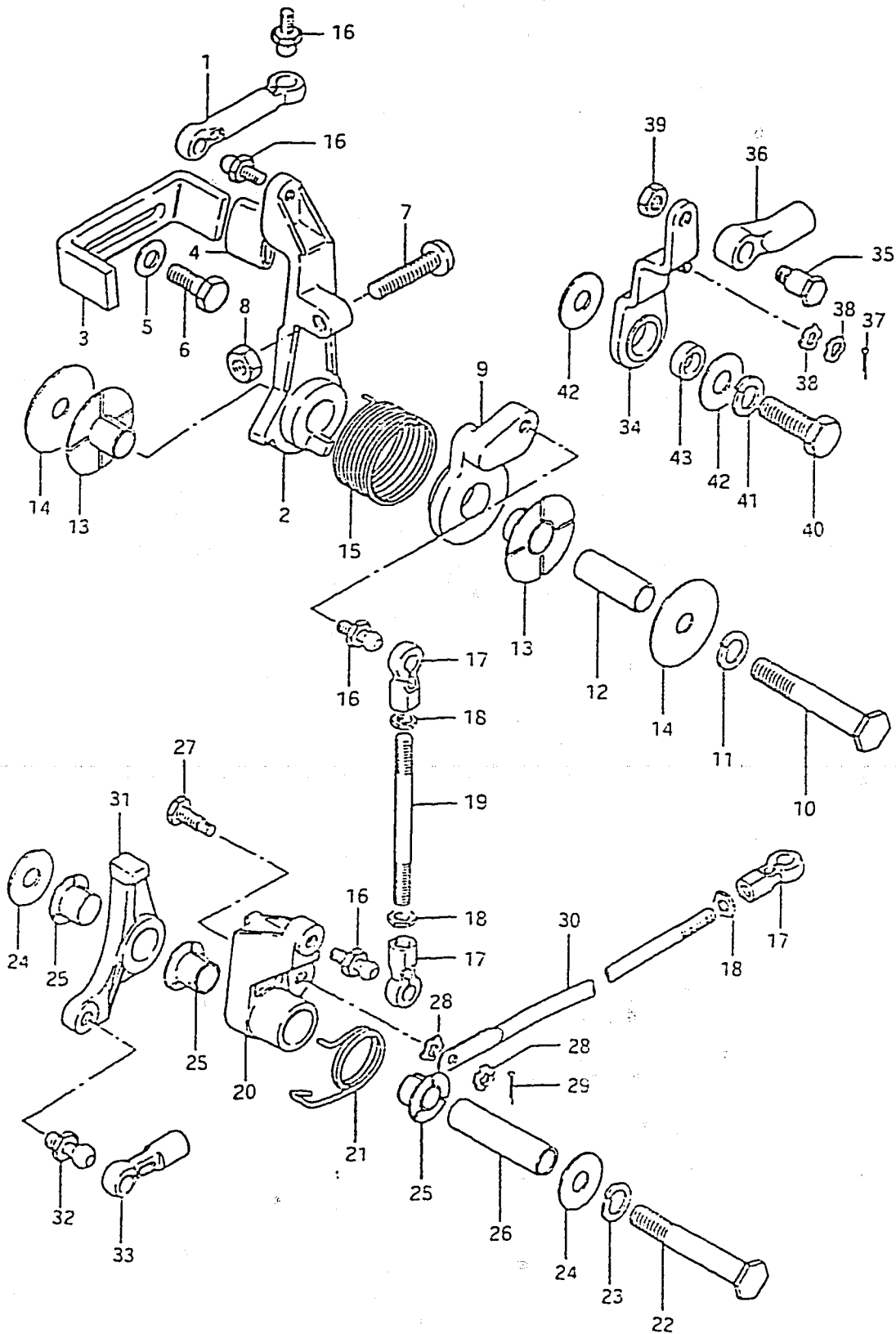
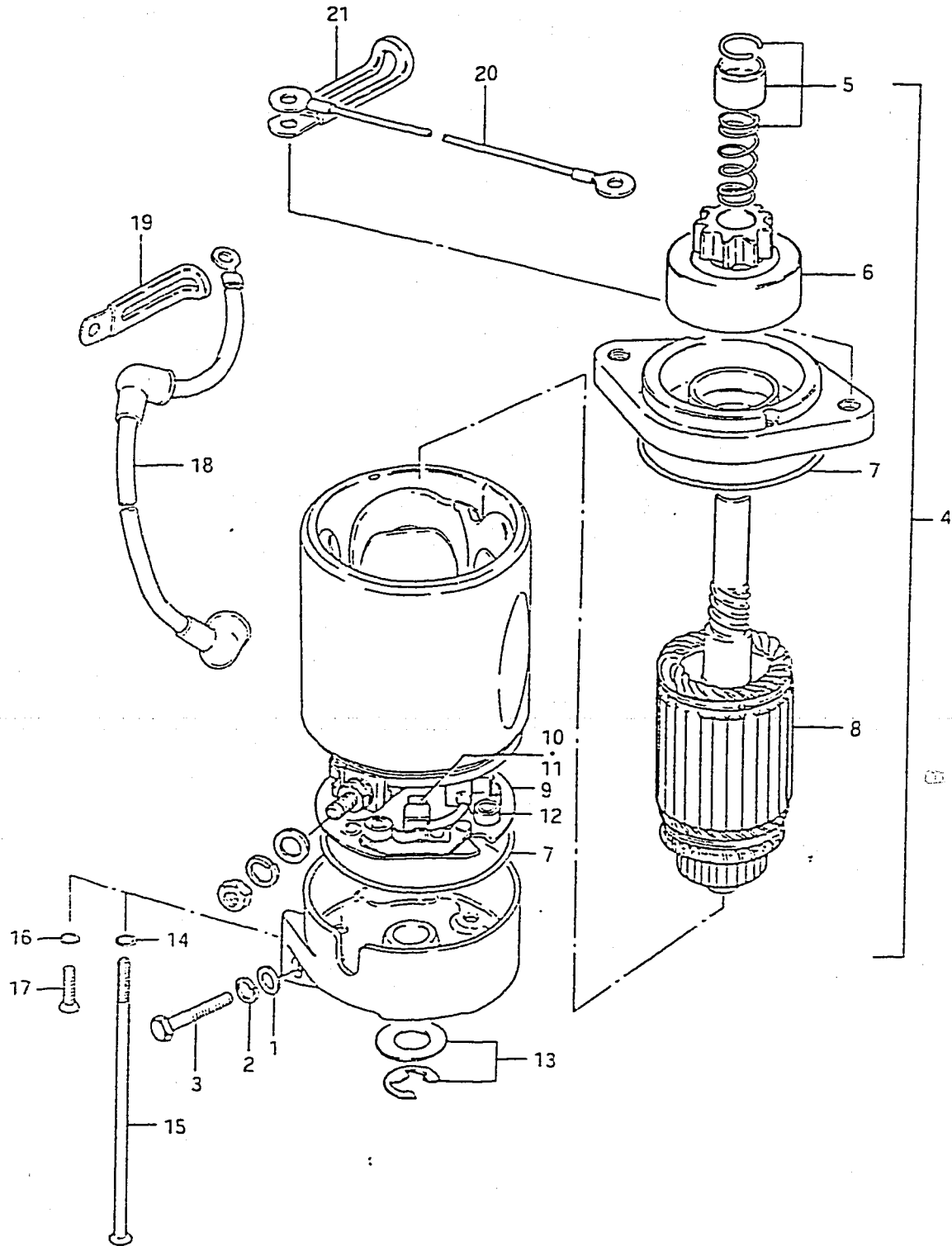


FIG.10 (C- 3) THROTTLE LINK

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
27	09119-05012	BOLT	1	
28	09164-04001	WAVE WASHER	2	
29	09204-01004	COTTER PIN	1	
30	19135-95501	ROD	1	
31	19122-95501-02M	LEVER, inter link	1	
32	09119-06047	BALL PIVOT	1	
33	67466-95200	CONNECTOR	1	
34	23210-95500	ARM, clutch control	1	
35	09111-06021	BOLT	1	
36	67467-95201	CONNECTOR	1	
37	09204-01001	COTTER PIN	1	
38	09164-05002	WAVE WASHER	2	
39	09140-06004	NUT	1	
40	09100-08112	BOLT (8x30)	1	
41	09162-08003	LOCK WASHER	1	
42	09160-08014	WASHER (8.5x23x1.5)	2	
43	09180-08090	SPACER (8x13x8.5)	1	

FIG. 11

FIG.11 (C- 4) STARTING MOTOR (MODEL QD)

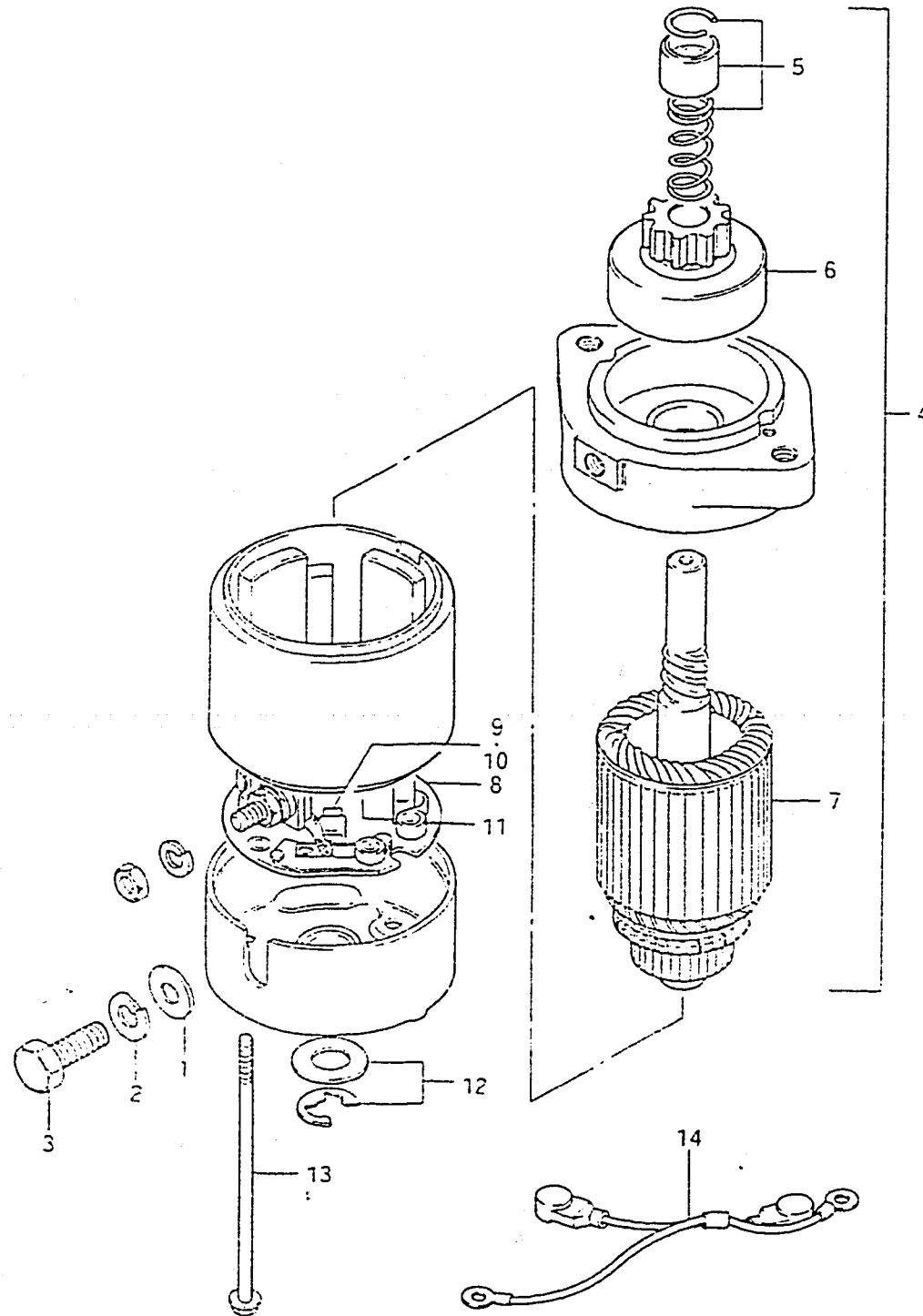


REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	08322-11088	WASHER	1	
2	08321-21088	LOCK WASHER	1	
3	01107-08258	BOLT	1	
4-1	31100-95524	MOTOR ASSY, starting	1	~309708
4-2	31100-95300	MOTOR ASSY, starting	1	309709
5	31312-95520	.STOPPER SET, pinion	1	
6-1	31320-95240	.PINION ASSY	1	for 31100-95524
6-2	31320-94510	.PINION ASSY	1	for 31100-95300
7	31264-95520	.O RING	2	
8	31310-95521	.ARMATURE	1	
9	31173-95521	.HOLDER ASSY, brush	1	
10	31131-95520	..BRUSH (+)	2	
11	31132-95520	..BRUSH (-)	2	
12	31135-95240	..SPRING	4	
13	31360-95520	.WASHER KIT	1	
14	31283-95520	.O RING	2	
15	31281-95520	.BOLT	2	
16	31284-95520	.O RING	2	
17	31282-95520	.SCREW	2	
18	33820-95550	CABLE, (+) terminal relay	1	L:250
19	09404-10403	CLAMP (L:82)	1	
20	33840-95500	CABLE, starter sub (L:270)	1	
21	09404-06401	CLAMP (L:50)	1	

Refer to Fig. 12 (C-5)  
for VE/VF models

FIG. 12

FIG.12 (C- 5) STARTING MOTOR (MODEL VE/VF)



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	08322-11088	WASHER	1	
2	08321-21088	LOCK WASHER	1	
3	01107-08258	BOLT	1	
4	31100-95310	MOTOR ASSY, starting	1	
5	31312-95241	.STOPPER SET, pinion	1	
6	31320-94510	.PINION ASSY	1	
7	31310-95310	.ARMATURE	1	
8	31173-95310	.HOLDER ASSY, brush	1	
9	31131-95310	..BRUSH (+)	1	
10	31132-95310	..BRUSH (-)	1	
11	31135-95310	..SPRING, brush	3	
12	31360-95520	.WASHER KIT	1	
13	31281-95310	.BOLT	2	
14	33840-95510	CABLE, starter sub (L:410)	1	

Refer to Fig. 11 (C-4)  
for model QD

FIG.13 (C- 6) MAGNETO

Q'TY

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	08310-12188	NUT	1	
2	09164-18001	LOCK WASHER	1	
3	09180-18007	WASHER	1	
4	08341-31059	KEY	1	
5-1	32102-95503	FLYWHEEL	1	~412597
5-2	32102-95510	FLYWHEEL	1	512598~
6	32101-95500	STATOR ASSY	1	
7-1	32160-95502	TIMER BASE & SENSER ASSY	1	~412597
7-2	32160-95510	TIMER BASE & SENSER ASSY	1	512598~
8	32396-95500	RETAINER (2)	1	
9	32395-95501	RETAINER (1)	1	
10	32399-95500	CLAMP	3	
11	09162-04002	LOCK WASHER	3	
12	09125-04004	SCREW	3	
13	08321-21068	LOCK WASHER	3	
14	02112-06258	SCREW	3	

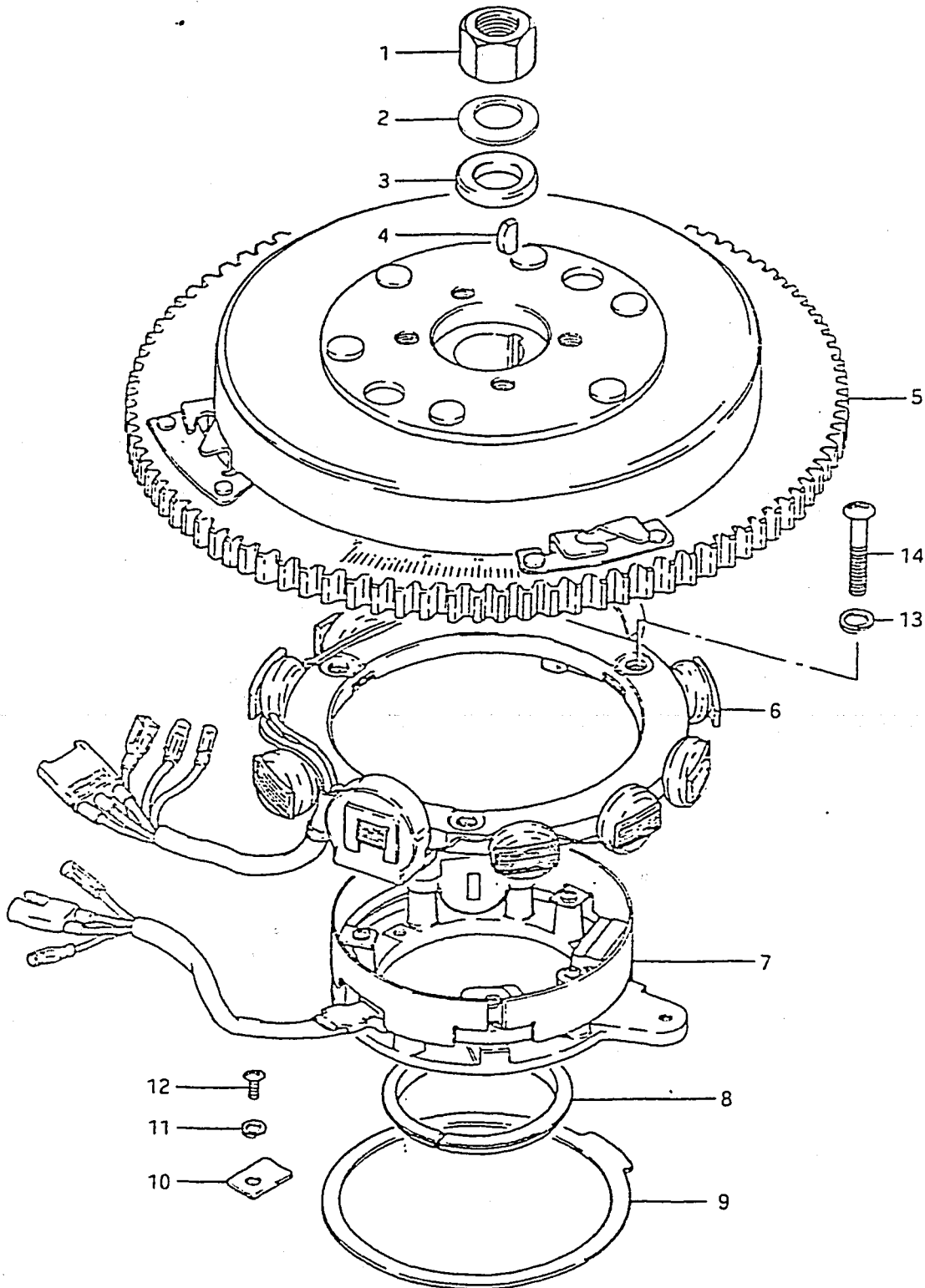


FIG.14

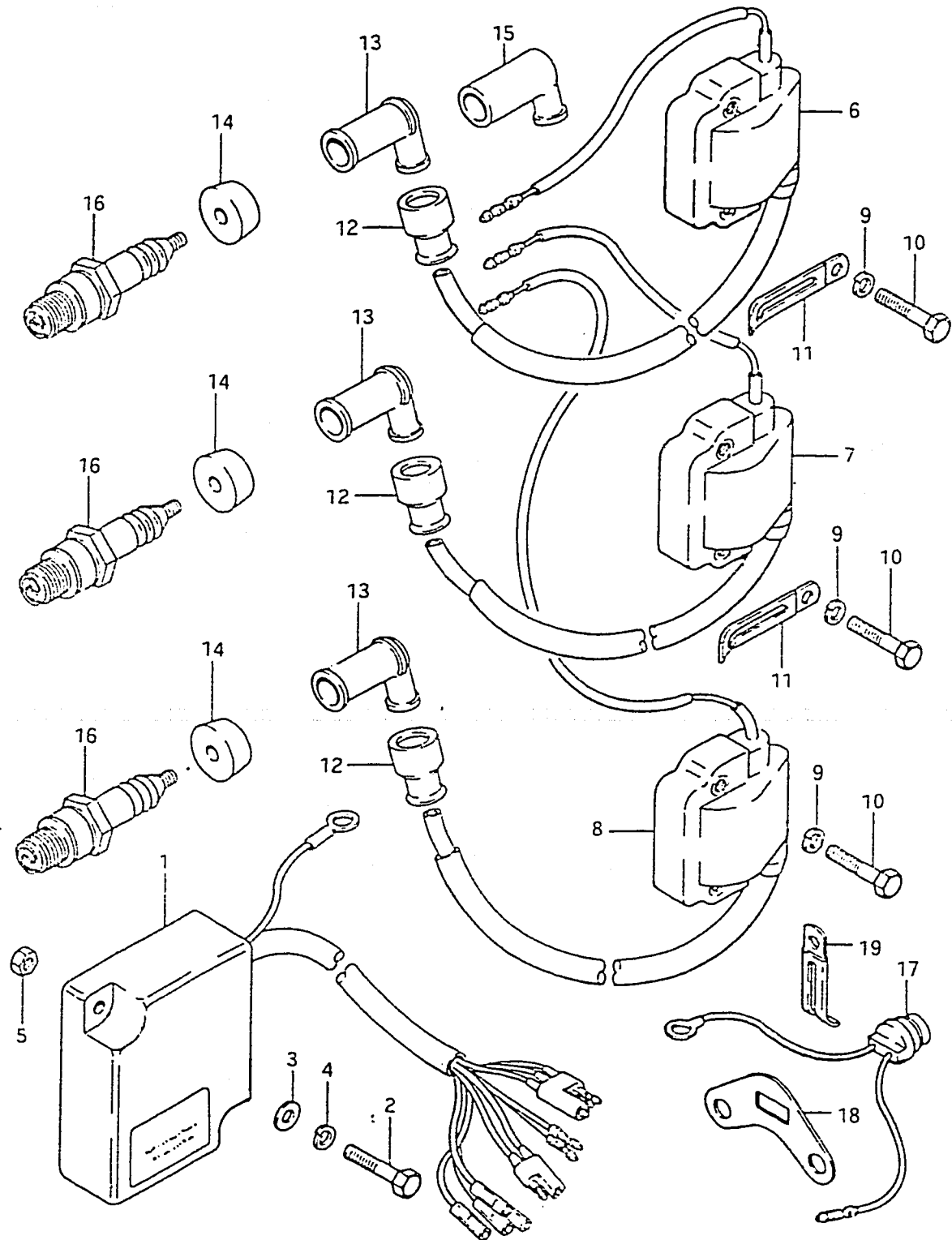


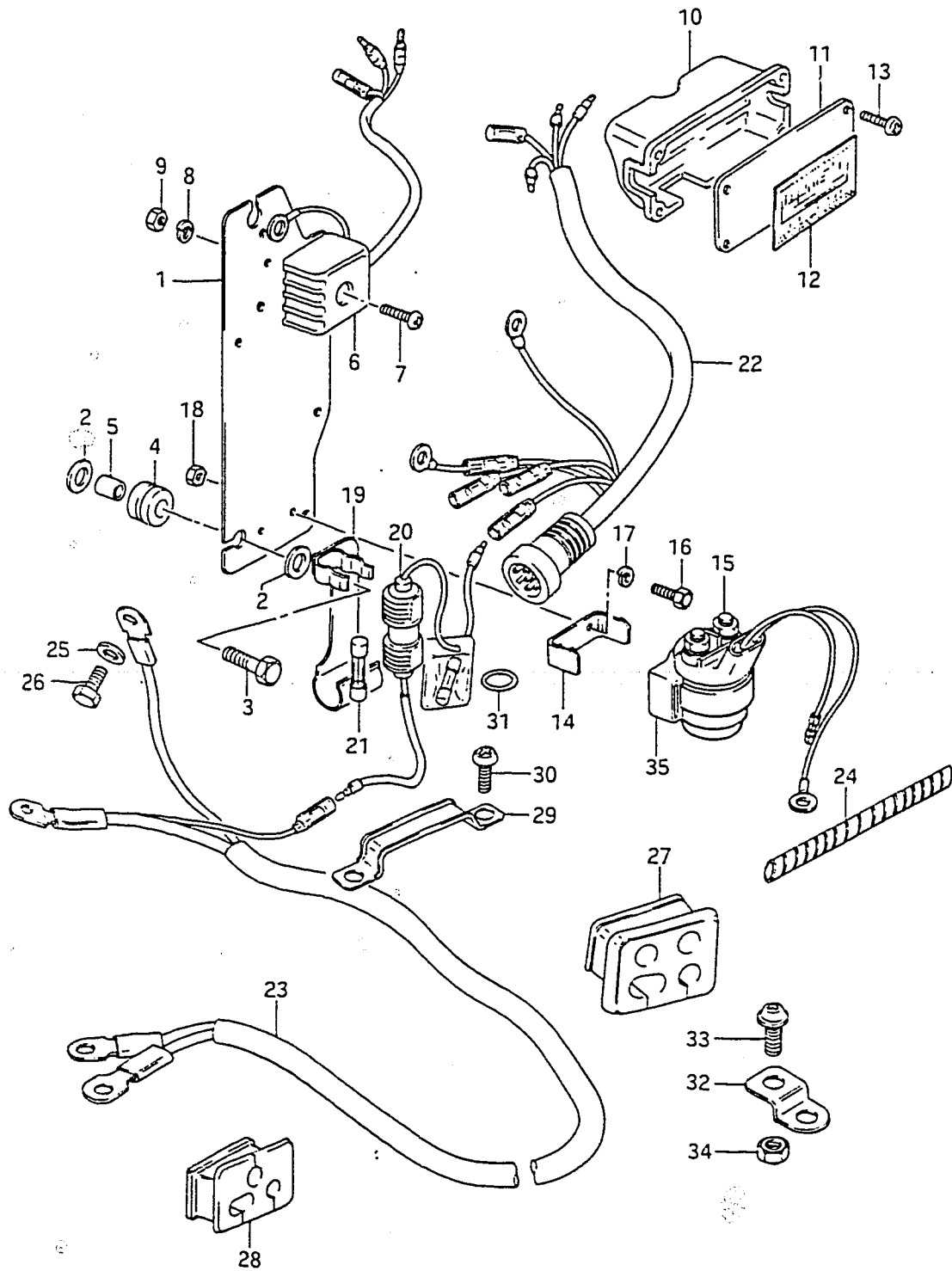
FIG.14 (C- 7) IGNITION

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	32900-95500	C.D.I. UNIT	1	model QD
1-2	32900-95510	C.D.I. UNIT	1	model VE
1-3	32900-95520	C.D.I. UNIT	1	model VF
2	01107-06258	BOLT	2	
3	08322-21068	WASHER	2	
4	08321-21068	LOCK WASHER	2	
5	08310-11068	NUT	2	
6	33410-95500	COIL, ignition (1)	1	
7	33420-95500	COIL, ignition (2)	1	
8	33430-95500	COIL, ignition (3)	1	
9	08321-21068	LOCK WASHER	6	
10	01107-06308	BOLT	6	
11	09404-06413	CLAMP	2	
12	33542-98000	SEAL, cord	3	model QD
13	33510-22010	CAP, spark plug	3	model QD
14	33541-93310	SEAL	3	model QD
15	33510-95510	CAP, spark plug	3	model VE/VF
16	09482-00151	SPARK PLUG ASSY (NGK, BR8HS)	3	
17	34850-95510	THERMO UNIT	1	
18	34853-94500	SUPPORTER	1	
19	09404-10401	CLAMP (L:52)	1	



FIG.15

FIG.15 (C- 8) ELECTRICAL (1)



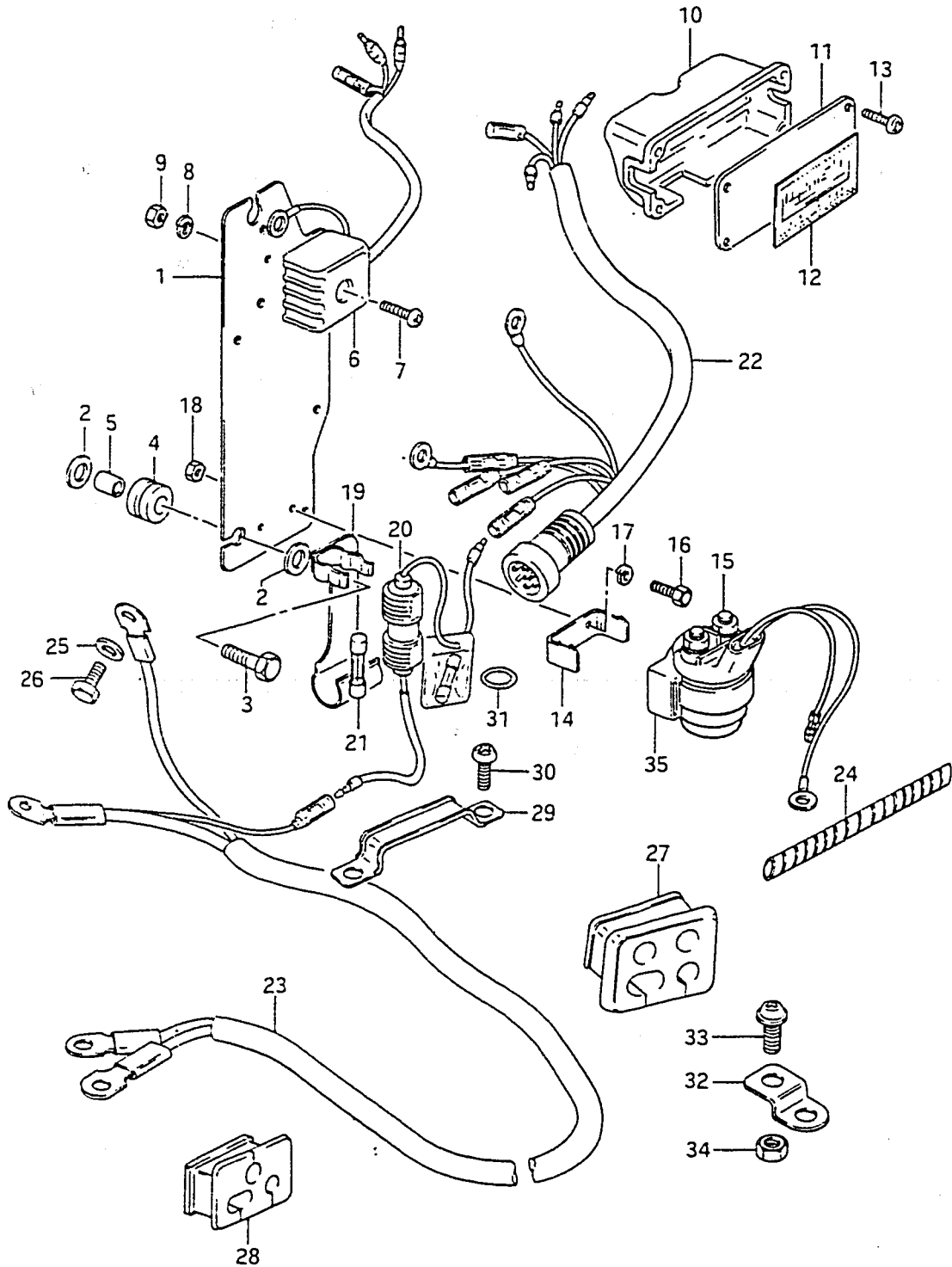
Q'TY

REMARKS

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	32890-95502	HOLDER, electric parts	1	model QD
1-2	32890-95503	HOLDER, electric parts	1	model VE/VF
2	09160-06052	WASHER (6.5x16x1.2)	3	
3	01107-06208	BOLT	3	
4	09320-08001	CUSHION	3	
5	09180-06044	SPACER (6.1x8x9.5)	3	
6	32800-95720	RECTIFIER	1	
7	02112-05258	SCREW	1	
8	08321-21058	LOCK WASHER	1	
9	08310-11058	NUT	1	
10	36653-95500	BOX, joint	1	
11-1	36650-95201	COVER, joint box (T:3)	1	model QD
11-2	36650-95202	COVER, joint box	1	model VE/VF
12-1	36652-95502	LABEL, joint diagram	1	model QD
12-2	36652-95503	LABEL, joint diagram	1	model VE/VF
13	09125-06020	SCREW	4	
14	31805-95501	BRACKET, motor relay	1	
15	31800-94400	RELAY, starting motor	1	
16	02112-05088	SCREW	2	
17	08321-21058	LOCK WASHER	2	
18	08310-22058	NUT	2	
19	36791-95510	HOLDER, fuse case	1	
20-1	36740-94500	CASE ASSY, fuse (L:220)	1	
20-2	36740-95252	CASE ASSY, fuse (L:260)	1	Include Ref.No.21
21	09481-20001	.FUSE (20A)	1	

FIG. 15

FIG.15 (C- 9) ELECTRICAL (1)

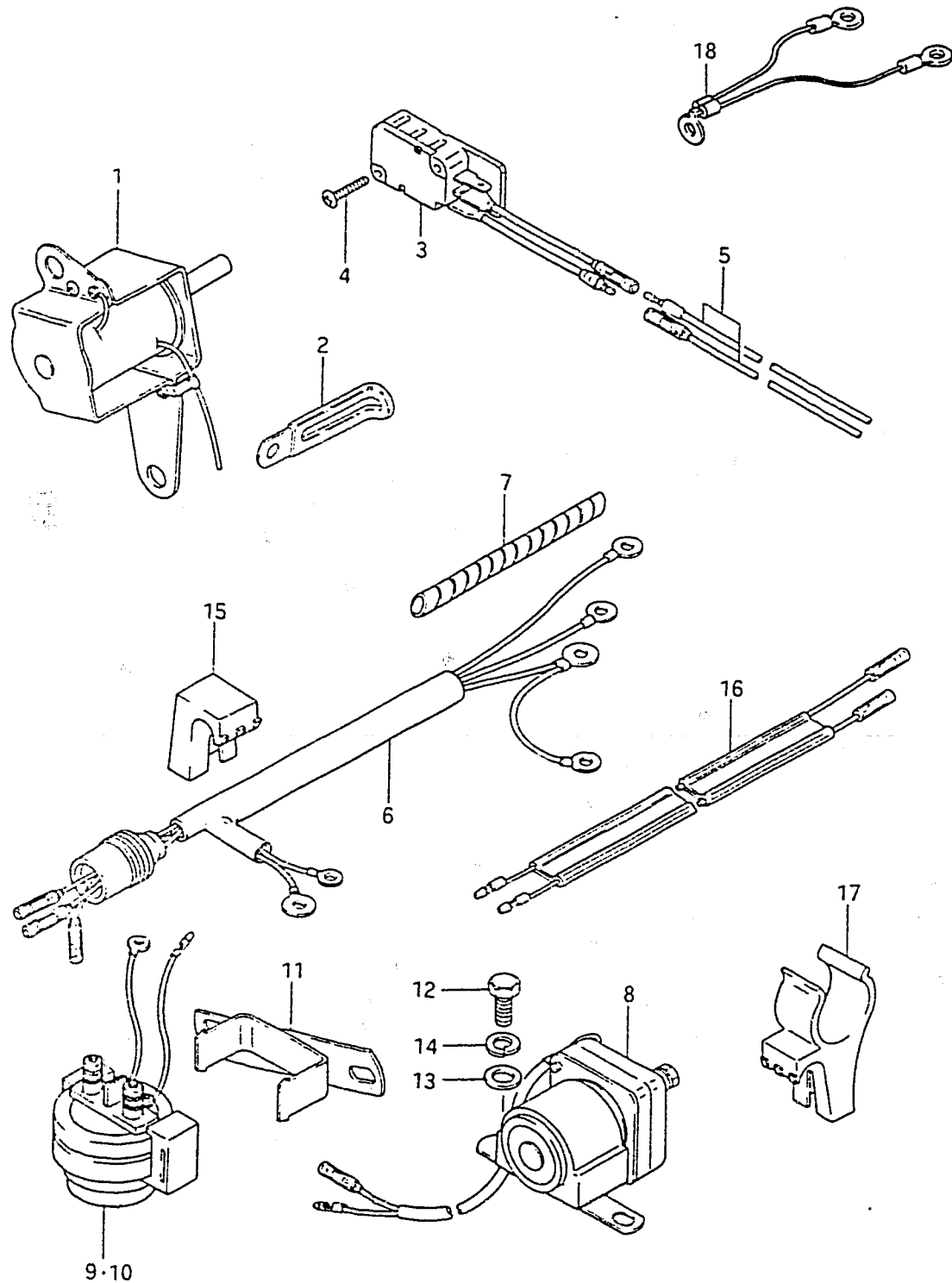


Q'TY

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
22-1	36610-95503	WIRING HARNESS (L:450)	1	model QD
22-2	36610-95504	WIRING HARNESS	1	model VE/VF
23-1	33810-95254	CABLE, starting motor (L:2360)	1	model QD/VE
23-2	33810-95200	CABLE, starting motor	1	model VF
24-1	38423-95500	TUBE (L:150)	1	model QD
24-2	33833-95500	TUBE (L:100)	1	model VE/VF
25	09160-08015	WASHER (8.5x16x1.6)	1	
26-1	09100-08215	BOLT (8x16)	1	model QD
26-2	09100-08090	BOLT (8x16)	1	model VE/VF
27	36656-95501	GROMMET	1	model QD
28	36656-95510	GROMMET	1	model VE/VF
29	36659-95500	CLAMP (L:86)	1	
30	09125-06021	SCREW	2	
31	09280-21001	O RING	2	
32	36792-95500	BRACKET, fuse case	1	
33	02152-06128	SCREW	1	
34	08310-11068	NUT	1	
35	38422-94510	DAMPER, starter relay	1	

FIG.16

FIG.16 (C-10) ELECTRICAL (2)



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	38600-95554	SOLENOID ASSY, choke	1	model QD
1-2	38600-95555	SOLENOID ASSY, choke	1	model VE/VF
2	09404-06412	CLAMP	1	model VE
3	37721-95551	SWITCH ASSY, neutral	1	OPT
4	02112-03168	SCREW	2	OPT
5	36820-95550	WIRING HARNESS, neutral switch	1	OPT,L:700
6-1	33830-95512	CABLE, trim relay in	1	model QD
6-2	33830-95513	CABLE, trim relay in	1	model VE/VF
7-1	38423-95501	TUBE, cable (L:150)	3	model QD,2pcs...L:150+100
7-2	34863-94500	TUBE (L:50)	3	model VE/VF
8	38410-95540	RELAY, trim up/down	2	model QD
9	38410-94540	RELAY, trim up	1	model VE/VF
10	38420-94540	RELAY, trim DN	1	model VE/VF
11	38415-95200	BRACKET	2	model VE/VF
12	09100-06113	BOLT, trim relay in	4	
13	09160-06015	WASHER	4	
14	09162-06001	LOCK WASHER	4	
15-1	36641-95500	STOPPER, relay harness	4	model QD
15-2	36641-95500	STOPPER, relay harness	5	model VE/VF
16	36645-95500	TRIM READ, extension	1	model VE/VF
17	36616-95300	HOLDER, connector	1	model VE/VF
18	36895-95300	LEAD, engine ground	1	

FIG.17

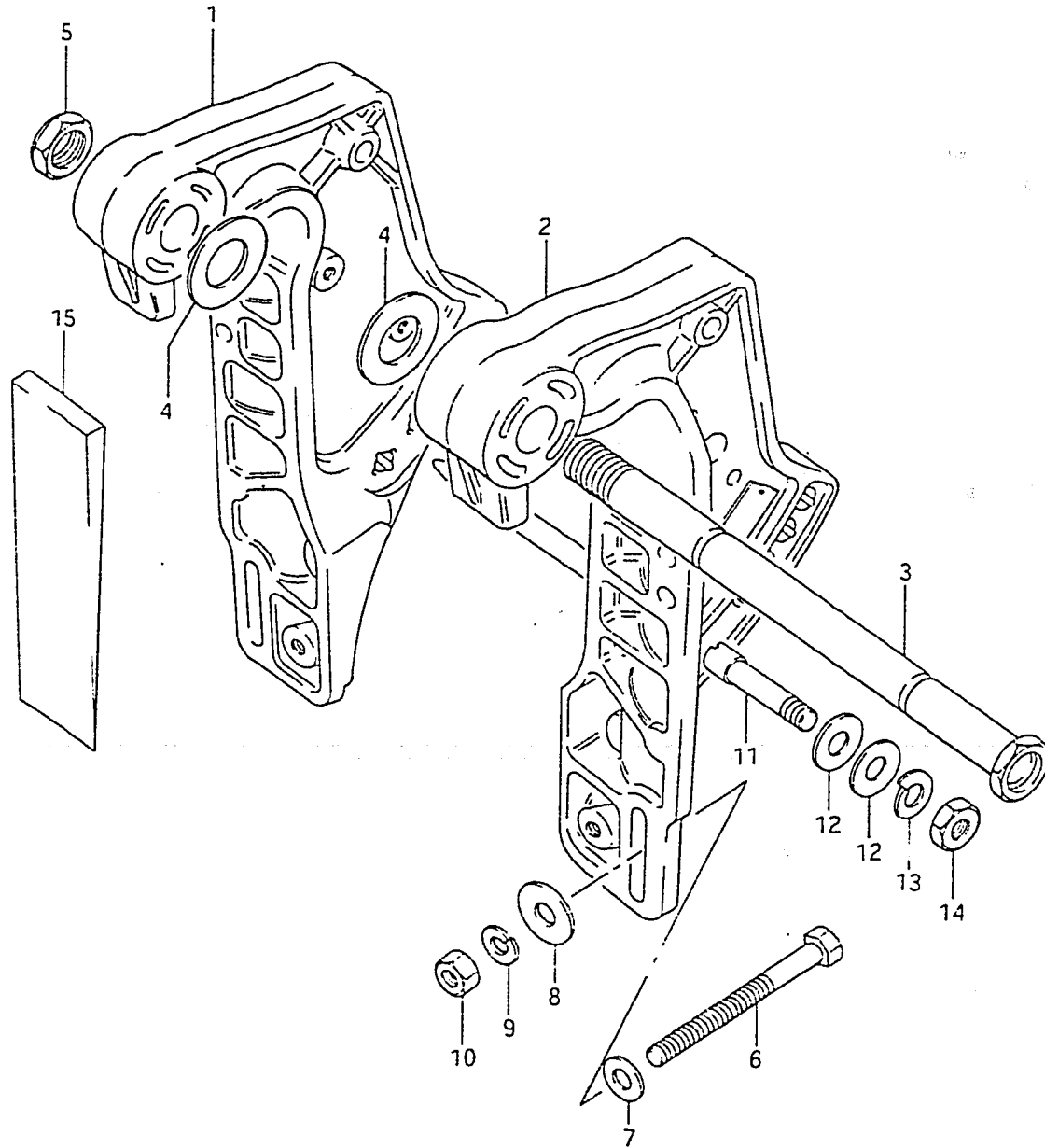


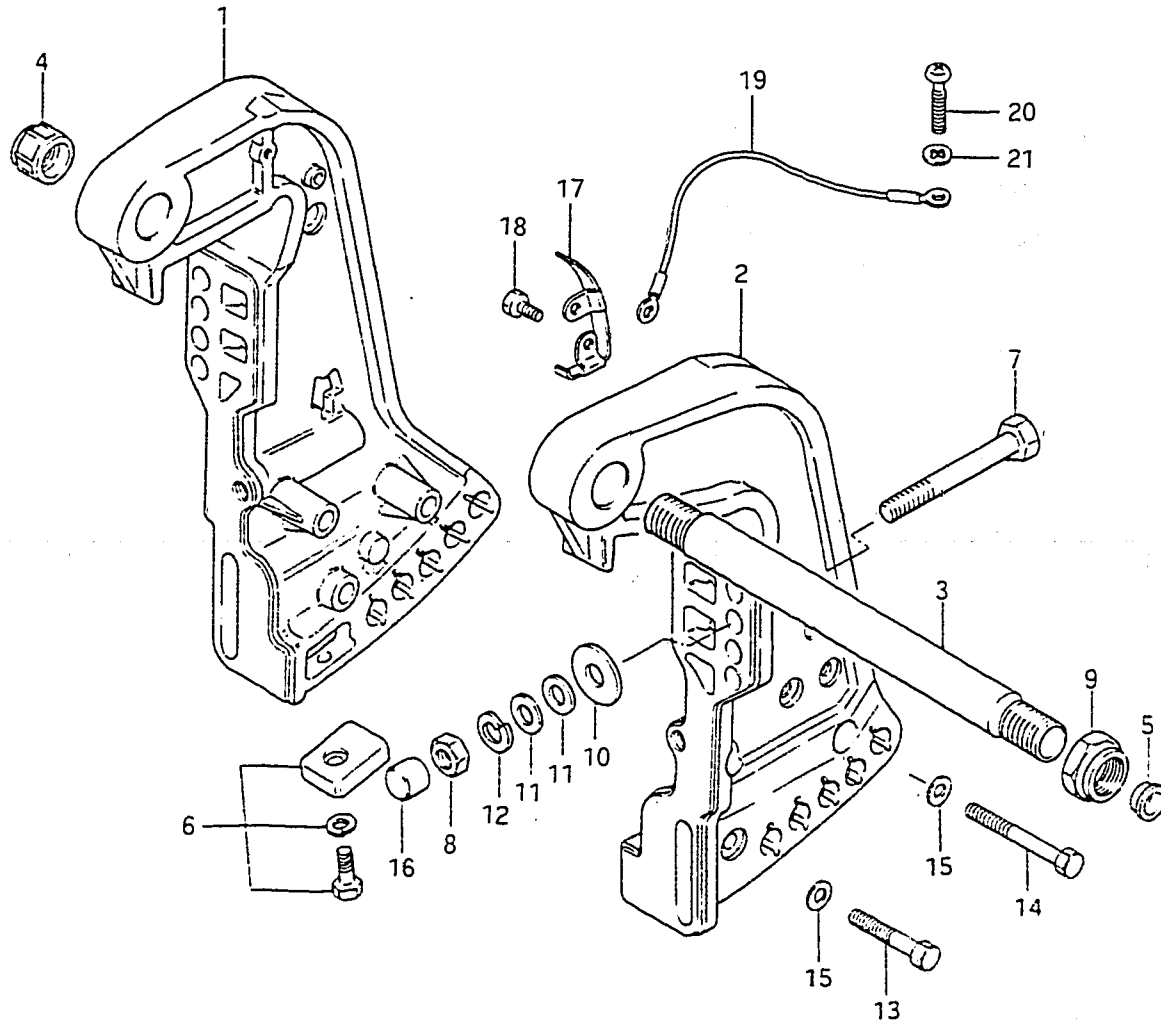
FIG.17 (C-11) CLAMP BRACKET (MODEL QD)

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	41111-95240-02M	BRACKET, clamp STBD	1	
2	41121-95240-02M	BRACKET, clamp PORT	1	
3	41130-95500	SHAFT, clamp bracket	1	
4	09161-22001	WASHER	2	
5	09159-22002	NUT	1	
6	09100-10175	BOLT, transom (10x100)	4	
7	09160-10040	WASHER (10.5x19x2)	4	
8	09160-10050	WASHER (10.5x30.3x2)	4	
9	09162-10002	LOCK WASHER	4	
10	09140-10015	NUT	4	
11	48211-95510	PIN	2	
12	09160-12038	WASHER	4	
13	09162-12002	LOCK WASHER	2	
14	09140-12020	NUT	2	
15	41341-95500	WEDGE, clamp bracket	2	OPT

Refer to FIG.18 (C-12) for model VE/VF

FIG. 18

FIG.18 (C-12) CLAMP BRACKET (MODEL VE/VF)



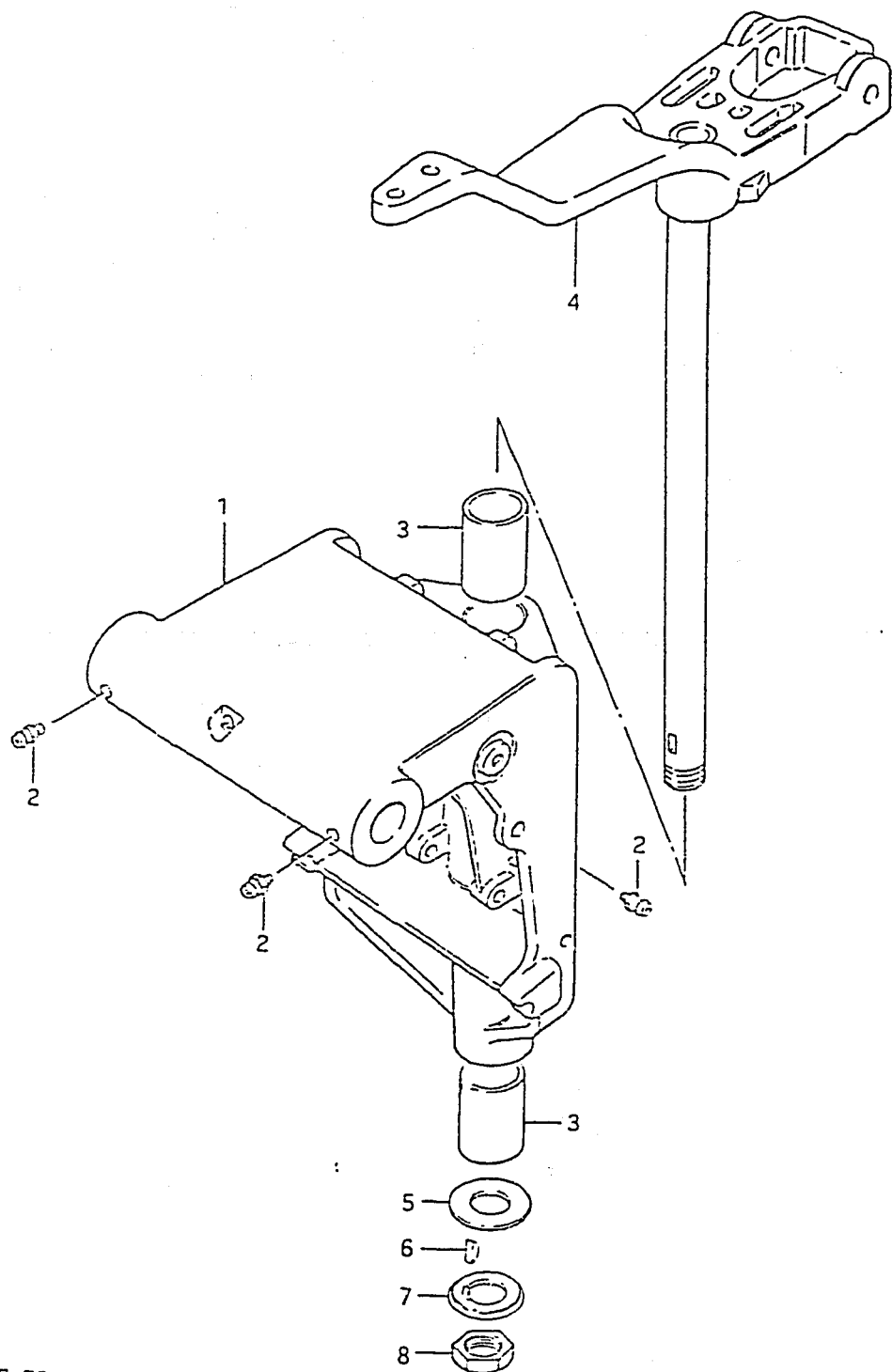
REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	41111-94504-02M	BRACKET, clamp, STBD	1	410783
1-2	41111-94505-02M	BRACKET, clamp, STBD	1	410784~412597
1-3	41111-94510-02M	BRACKET, clamp, STBD	1	512598~
2-1	41121-94503-02M	BRACKET, clamp, PORT	1	model VE
2-2	41121-94530-02M	BRACKET, clamp, PORT	1	model VF
3-1	41131-94510	SHAFT, clamp bracket	1	model VE
3-2	41130-95510	SHAFT, clamp bracket	1	model VF
4	41151-94500	CAP, clamp bracket shaft	1	
5	41152-94500	PLUG, clamp bracket shaft	1	
6	55320-95310	ZINC SET, protection	1	
7	09100-12039	BOLT	4	
8	09140-12028	NUT	4	
9	09159-22003	NUT	2	
10	09160-12044	WASHER	4	
11	09160-12066	WASHER	6	
12	09162-12005	WASHER	4	
13	09100-10155	BOLT (10x50)	2	
14	09100-10156	BOLT (10x80)	4	
15	09162-10005	WASHER	6	
16	41153-94500	CAP	4	
17	41241-95500	GUIDE, tilt lock lever	1	
18	09100-05011	BOLT	2	
19	36894-95200	LEAD	1	model VF
20	09125-05050	SCREW	2	model VF
21	09161-05013	WASHER	2	model VF

Refer to FIG.17 (C-11) for model QD

FIG.19

FIG.19 (C-13) SWIVEL BRACKET (MODEL QD)

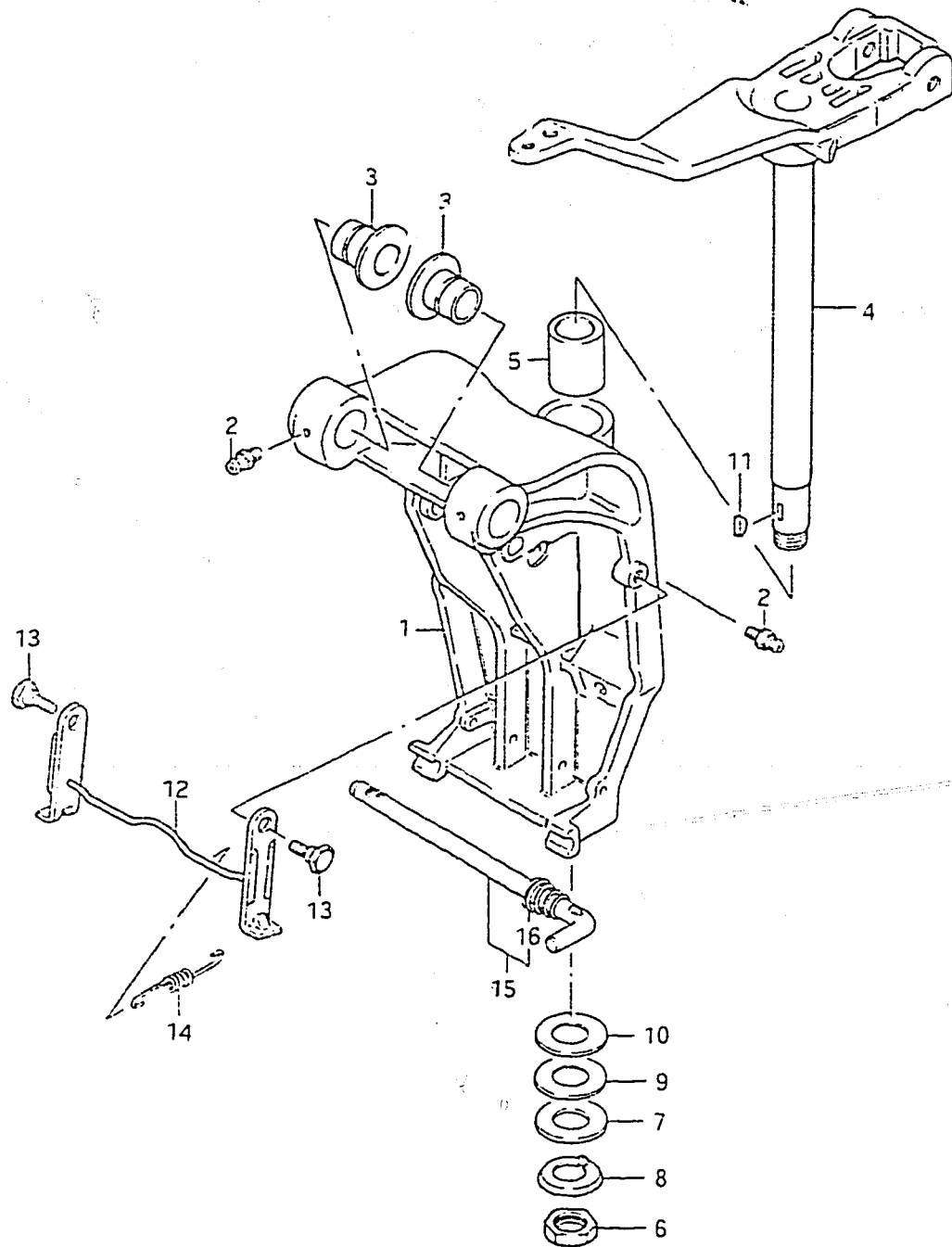
REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	43111-95204-02M	BRACKET, swivel	1	~309589
1-2	43111-95205-02M	BRACKET, swivel	1	309590
2	22511-99000	GREASE NIPPLE	3	
3	09306-26005	BUSHING, steering	2	
4	43750-95221-02M	BRACKET, steering	1	
5	09160-25025	WASHER	1	
6	09420-05003	KEY	1	
7	09166-25004	WASHER	1	
8	09140-24008	NUT	1	



Refer to FIG.20 (C-14) model VE/VF

FIG. 20

FIG. 20 (C-14) SWIVEL BRACKET (MODEL VE/VF)



REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	43111-95502-02M	BRACKET, swivel	1	model VE
1-2	43111-95510-02M	BRACKET, swivel	1	model VF
2-1	22511-99000	NIPPLE, grease	3	model VE
2-2	22511-99000	NIPPLE, grease	4	model VF
3-1	43211-95500	BUSH	2	model VE
3-2	43211-95510	BUSH	2	model VF
4	43750-95250-02M	BRACKET, steering	1	
5	43711-95500	BUSH	2	
6	09140-24010	NUT	1	
7	09160-25052	WASHER	1	
8	09166-25007	WASHER	1	
9	09181-26006	SHIM (26.6x48x0.3)	0v2	
10	09181-26007	SHIM (26.6x48x0.5)	0v2	
11	09420-05003	KEY	1	
12	41220-95500	LEVER, tilt lock	1	
13	09111-12008	BOLT	2	
14	09443-10029	SPRING	1	
15	45420-95500	PIN, tilt lock	1	
16	09441-24002	.SPRING	1	

Refer to FIG.19 (C-13) for model QD

FIG. 21

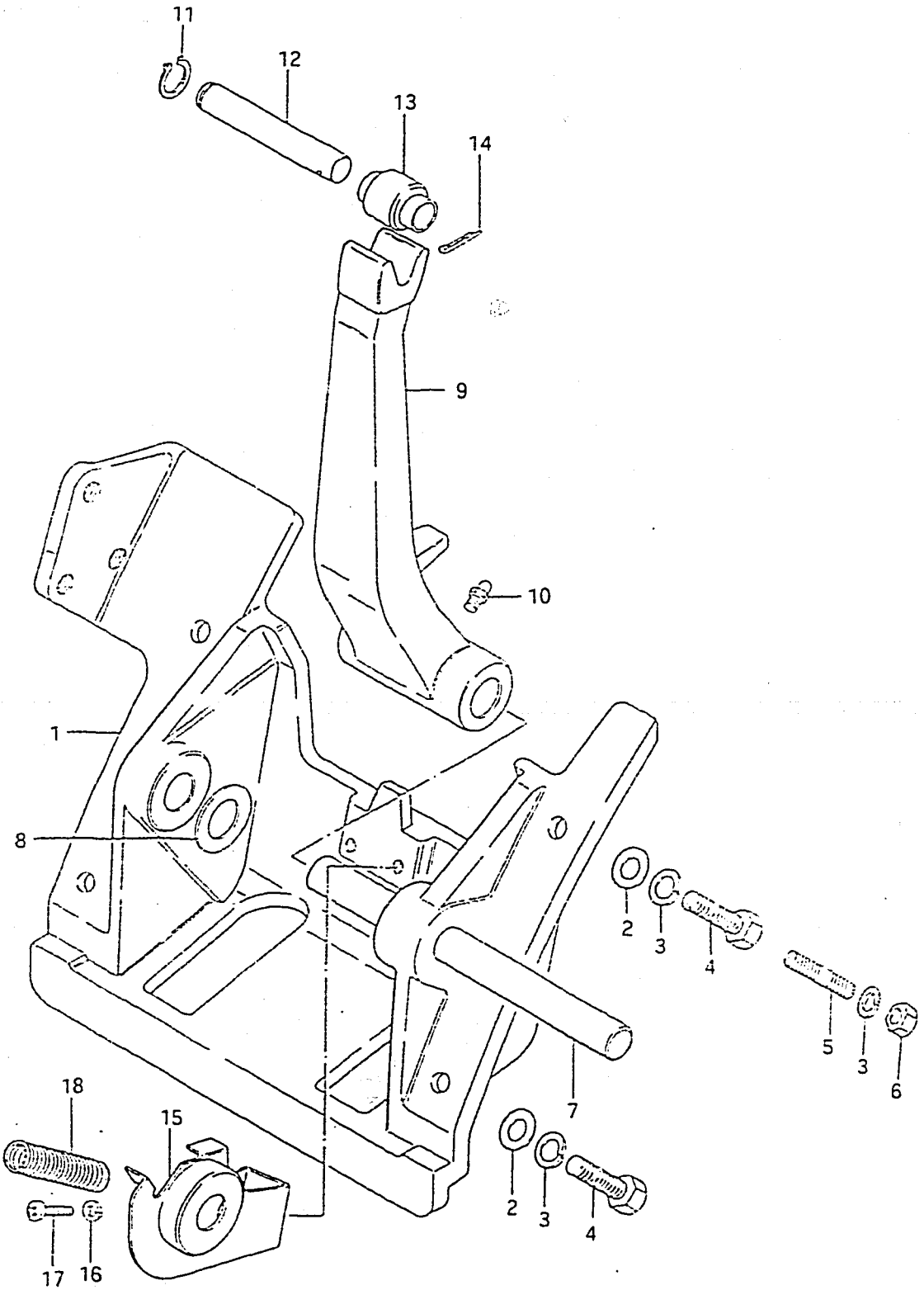


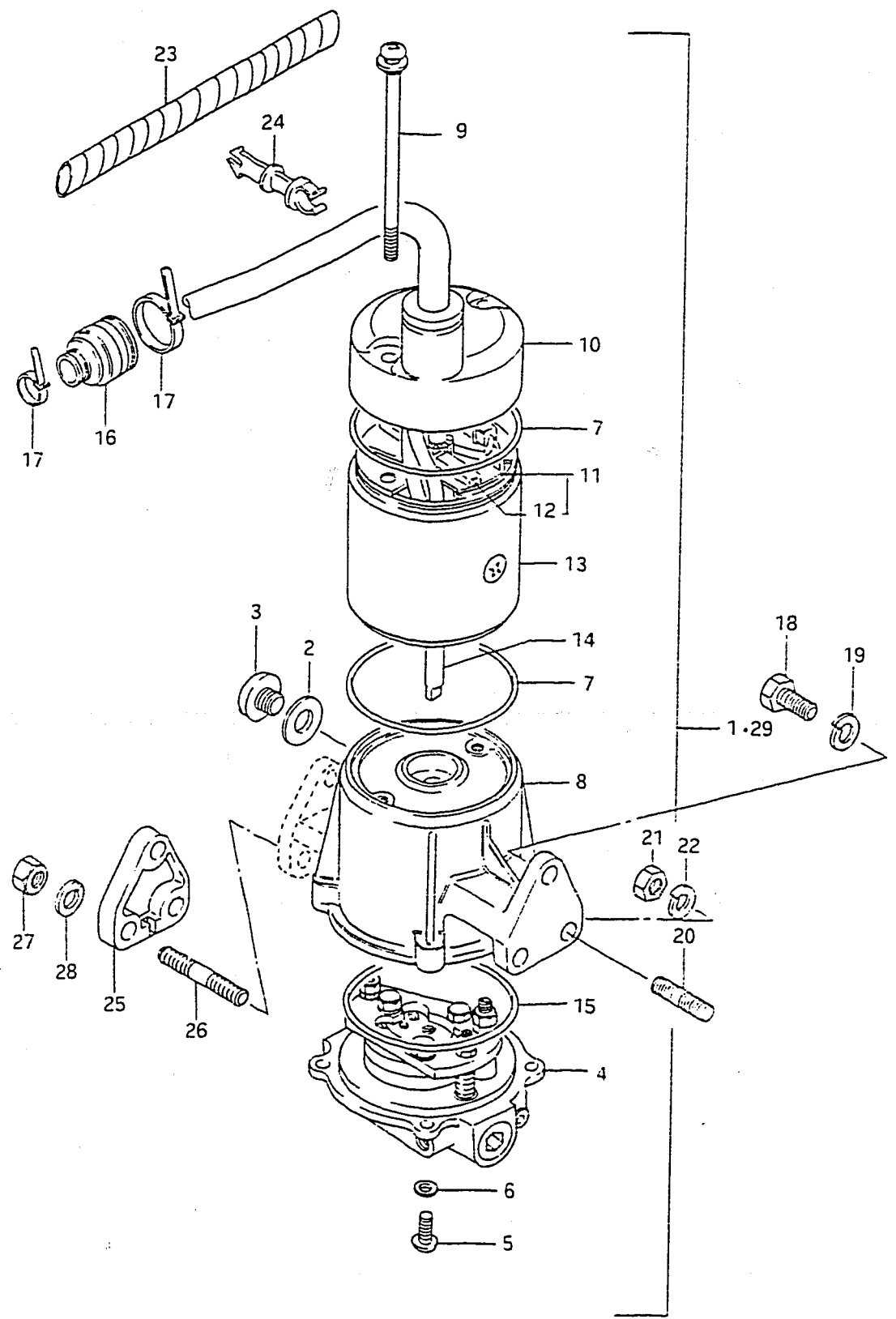
FIG. 21 (D- 2) CYLINDER SUPPORT (MODEL QD)

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	48111-95502-02M	BRACKET, cylinder support	1	
2	09160-10040	WASHER (10.5x18x1.6)	2	
3	09162-10002	LOCK WASHER	4	
4	09100-10123	BOLT (10x35)	2	
5	09108-10035	STUD BOLT	2	
6	09140-10015	NUT	2	
7	48121-95510	SHAFT, cylinder	1	
8	09160-15026	WASHER (15x30x2)	1	
9	48161-95502-02M	ARM, trilatering lock	1	
10	22511-99000	GREASE NIPPLE	1	
11	09380-12002	CIRCLIP	2	
12	48321-95510	PIN, piston rod	2	
13	09319-12020	BUSHING	2	
14	09204-01002	COTTER PIN	2	
15	48165-95502	STOPPER, lock arm	1	
16	09162-05002	LOCK WASHER	1	
17	09125-05025	SCREW	1	
18	09440-11011	SPRING, lock arm	1	



FIG. 22 (D- 3) POWER UNIT

FIG. 22



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	48500-95520-02M	POWER UNIT ASSY, power trim	1	model QD
1-2	48500-95531-02M	POWER UNIT ASSY, power trim	1	model VE/VF
2	09168-10022	.GASKET	1	
3-1	09248-10004	.PLUG	1	model QD
3-2	09248-10005	.PLUG	1	model VE/VF
4-1	48502-95520	.VALVE BODY	1	model QD
4-2	48502-94520	.VALVE BODY	1	model VE/VF
5-1	09125-05029	.SCREW	4	model QD
5-2	09125-05048	.SCREW	4	model VE/VF
6-1	09160-05010	.WASHER	4	model QD
6-2	09160-05032	.WASHER	4	model VE/VF
7	09280-70006	.O RING	2	
8	48570-94521-02M	.RESERVOIR ASSY	1	
9	31281-94520	.SCREW	2	
10	31170-94520-02M	.COVER, upper	1	Does not include P.T.T. harness
11	31173-94520	.BRUSH HOLDER ASSY	1	
12	31133-94520	.BRUSH	2	
13	31110-94520-02M	.YOKE ASSY	1	
14	31311-94520	.ARMATURE	1	
15	48585-94520	.O RING	1	
16	33899-95500	.SEAL, PTT cable	1	
17	36632-95501	.CLAMP	2	
18-1	09100-08154	BOLT	1	model QD
18-2	09100-08219	BOLT	1	model VE/VF
19	09162-08003	LOCK WASHER	1	
20	09108-08130	STUD BOLT	2	
21-1	09140-08003	NUT	2	model QD
21-2	09140-08016	NUT	2	model VE/VF
22-1	09162-08003	LOCK WASHER	2	model QD
22-2	09162-08007	LOCK WASHER	2	model VE/VF
23	38423-95501	TUBE PTT motor cable	1	
24	33835-95500	CLAMP, cable	1	
25	48131-95200	SPACER POWER UNIT	1	OPT PORT
26	09108-08137	STUD BOLT	3	OPT PORT
27	09140-08016	NUT	3	OPT PORT
28	09162-08007	LOCK WASHER	3	OPT PORT
29	48500-95281-02M	POWER UNIT ASSY, power trim	1	OPT PORT

FIG. 23

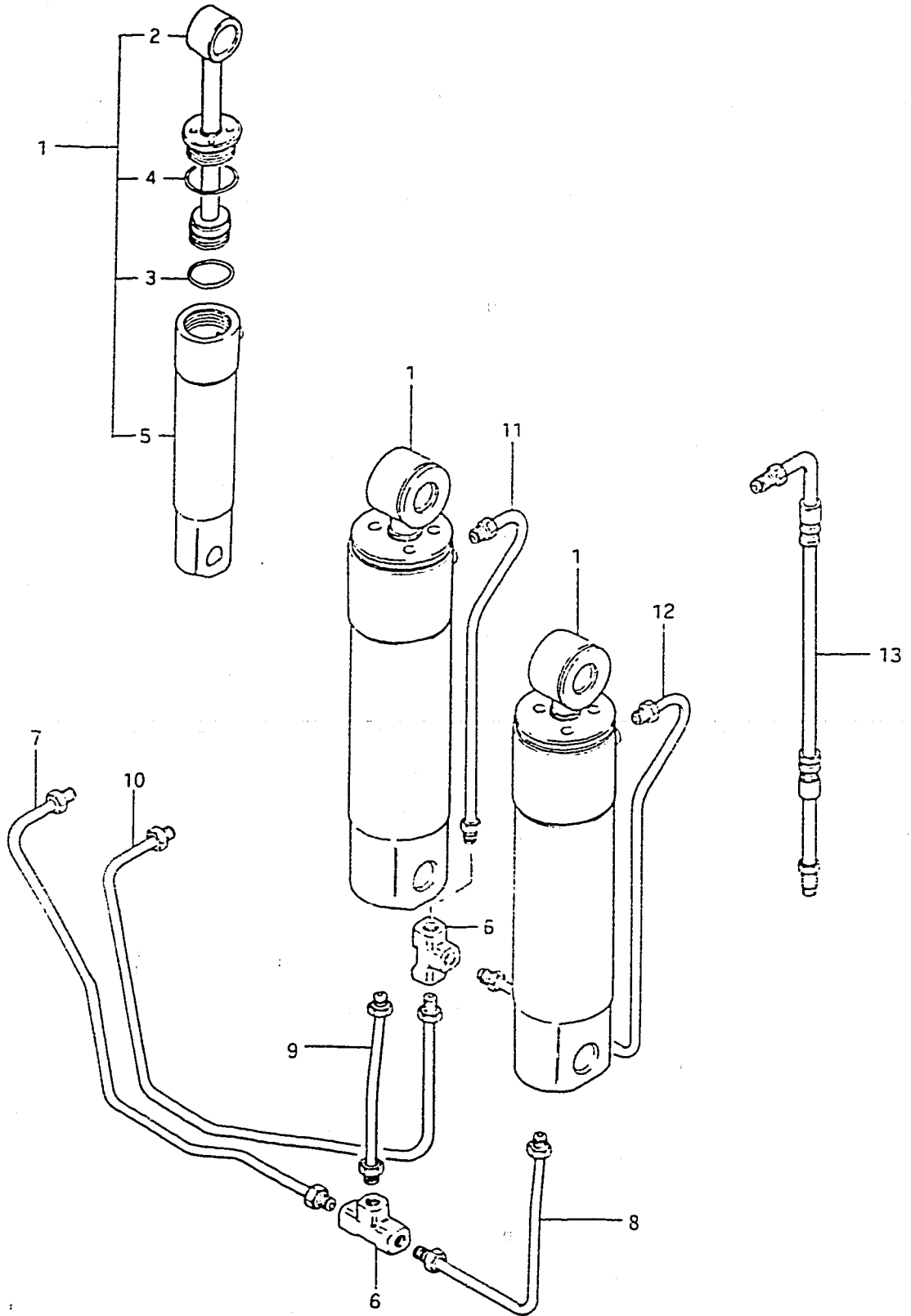


FIG. 23 (D- 4) TRIM CYLINDER (MODEL QD)

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	48600-95510-02M	TRIM CYLINDER ASSY	2	
2	48601-95510	.PISTON	2	
3	48627-95510	.O RING, piston	2	
4	48633-95510	.O RING, head	2	
5	48641-95510	.TUBE, cylinder	2	
6	48711-95510	CONNECTOR, three way	2	
7	48720-95520	TUBE, inlet (1)	1	
8	48730-95510	TUBE, inlet (2)	1	
9	48740-95510	TUBE, inlet (3)	1	
10	48750-95520	TUBE, outlet (1)	1	
11	48760-95510	TUBE, outlet (2)	1	
12	48770-95510	TUBE, outlet (3)	1	
13	48790-95300	HOSE, power trim	1	OPT:flexible

Refer to FIG.24 (D-5) for model VE/VF

FIG. 24

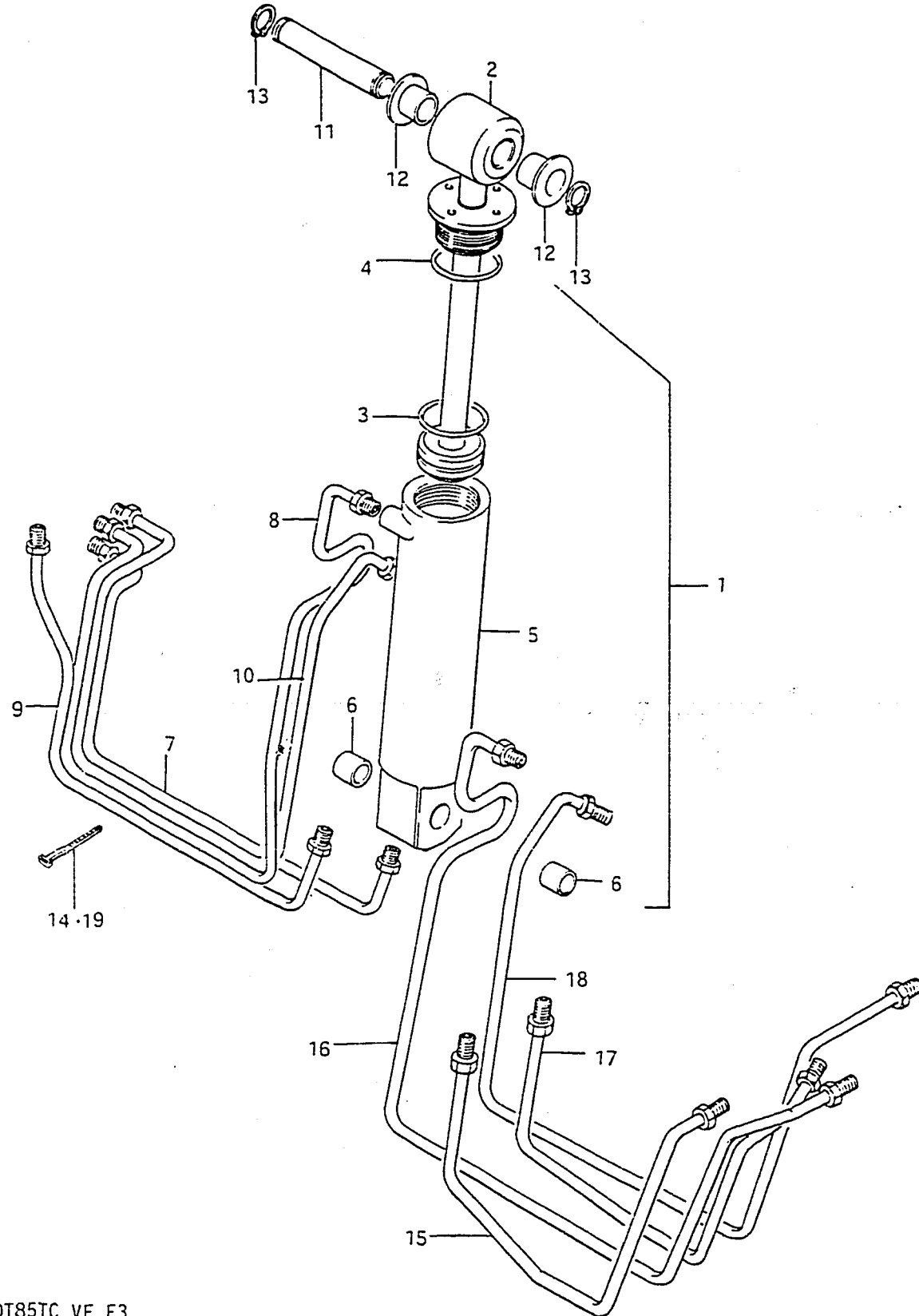


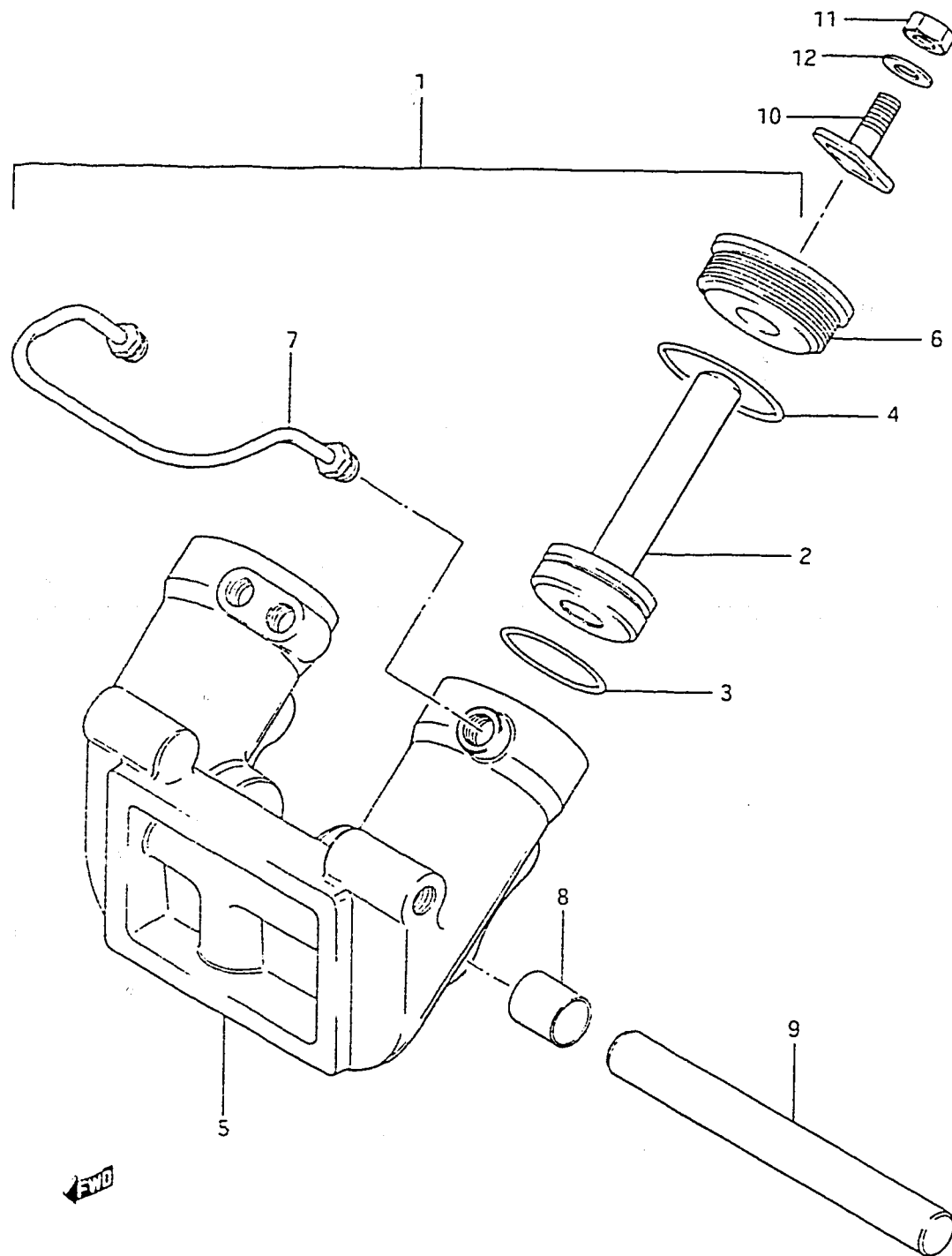
FIG. 24 (D- 5) TILT CYLINDER (MODEL VE/VF)

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	48400-94500-02M	TILT CYLINDER ASSY	1	
2	48401-94500	.PISTON & PISTON ROD SUB ASSY	1	
3	48427-94500	.O RING, piston	1	
4	48433-94500	.O RING	1	
5	48441-94500	.TUBE, cylinder	1	
6	09303-18001	.BUSHING	2	
7	48720-94521	PIPE, tilt inlet	1	
8	48730-94521	PIPE, tilt outlet	1	
9	48740-94521	PIPE, trim inlet	1	
10	48750-94521	PIPE, trim outlet	1	
11	48321-94510	SHAFT, tilt cylinder upper	1	
12	09306-16003	BUSHING	2	
13	09380-16003	SNAP RING	2	
14	36632-95501	CLAMP, PTT pipe	6	
15	48720-94580	TUBE, tilt inlet	1	OPT PORT
16	48730-94580	TUBE, tilt outlet	1	OPT PORT
17	48740-94580	TUBE, trim inlet	1	OPT PORT
18	48750-94580	TUBE, trim outlet	1	OPT PORT
19	36632-95501	CLAMP	6	OPT PORT

Refer to FIG. 23 (D-4) for model QD

**FIG. 25**

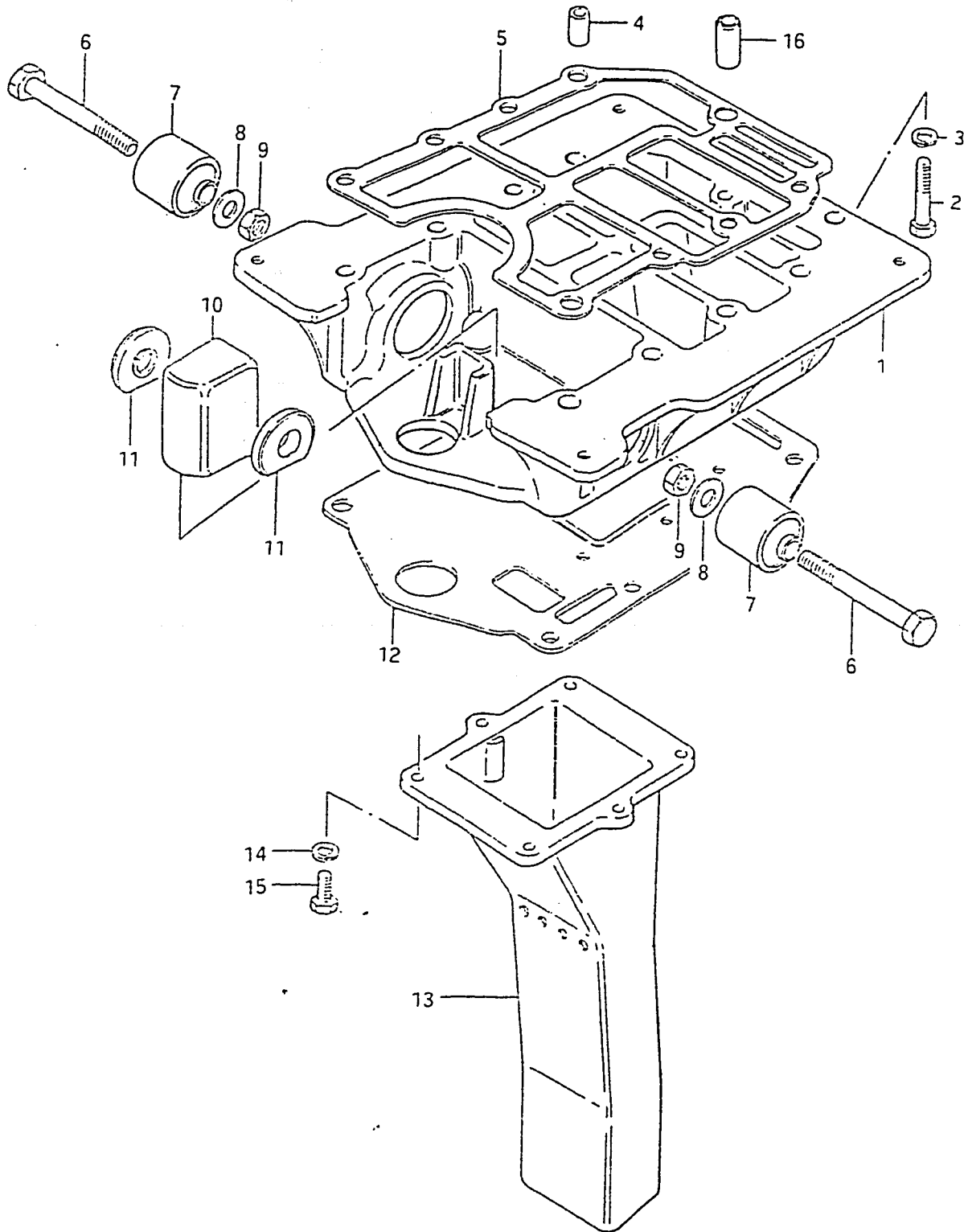
FIG.25 (D- 6) TRIM CYLINDER (MODEL VE/VF)



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	48600-94500-02M	TRIM CYLINDER ASSY	1	
2	48601-94500	.PISTON & PISTON ROD ASSY	2	
3	48627-94500	.O RING, piston	4	
4	48633-94500	.O RING, head	4	
5	48641-94500	.CYLINDER, trim	1	
6	48630-94500	.HEAD, trim cylinder	2	
7	48760-94501	.TUBE, trim cylinder outlet	1	
8	09303-18001	.BUSHING	4	
9	48121-94510	SHAFT, tilt cylinder lower	1	
10	48311-94501	PAD, trim cylinder RAM	2	
11	09140-08016	NUT	2	
12	09162-08007	WASHER	2	

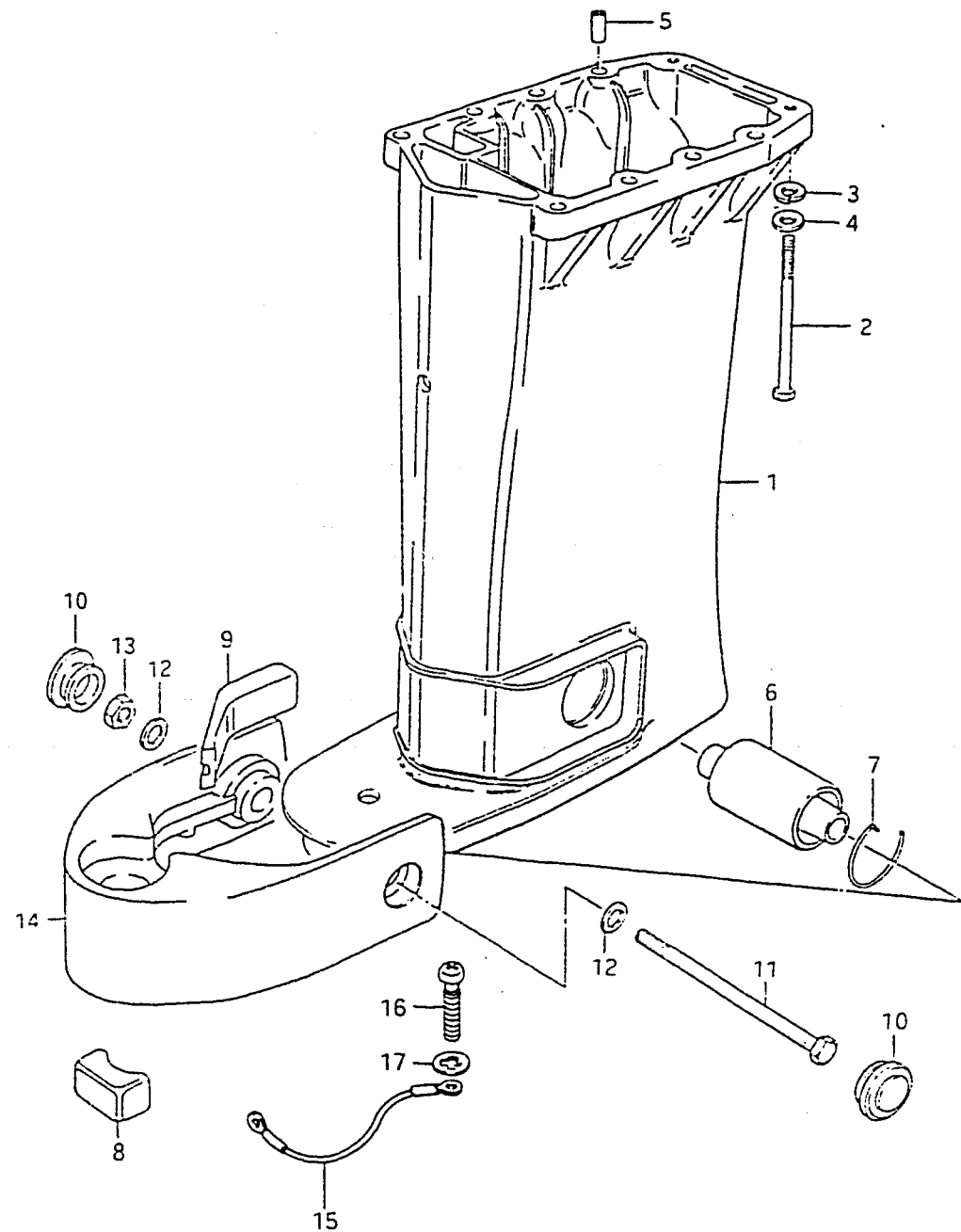
FIG. 26

FIG. 26 (D- 7) ENGINE HOLDER



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	51111-95204-02M	HOLDER, engine	1	model QD
1-2	51111-95205-02M	HOLDER, engine	1	model VE/VF
2-1	09100-08163	BOLT, engine holder (8x35)	2	model QD
2-2	09100-08224	BOLT, engine holder (8x35)	2	model VE/VF
3	09162-08003	LOCK WASHER	2	
4	09205-11001	DOWEL PIN (11x14)	2	
5	51211-95203	GASKET, engine holder	1	
6-1	09100-10112	BOLT, upper mounting (10x70)	2	model QD
6-2	09100-10208	BOLT, upper mounting (10x70)	2	model VE/VF
7	54130-95500	MOUNTING, upper	2	
8-1	09160-10040	WASHER (10.5x19x2)	2	model QD
8-2	09160-10082	WASHER (10.5x19x2)	2	model VE/VF
9-1	09140-10015	NUT	2	model QD
9-2	09140-10031	NUT	2	model VE/VF
10	54135-95200	MOUNTING, upper thrust	1	
11	54136-95501	STOPPER, upper mounting	2	
12-1	52113-95204	GASKET, driveshaft housing	1	model QD
12-2	52113-95205	GASKET, driveshaft housing	1	model VE/VF
13	14211-95501	TUBE, exhaust	1	
14	09162-06001	LOCK WASHER	6	
15	09100-06020	BOLT, exhaust tube (6x20)	6	
16	09206-11005	COLLER, engine holder	1	

FIG. 27 (D- 8) DRIVESHAFT HOUSING



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	52111-95506-02M	HOUSING, driveshaft	1	~310443
1-2	52111-95507-02M	HOUSING, driveshaft	1	410444~412472
1-3	52111-95508-02M	HOUSING, driveshaft	1	412473~412597
1-4	52111-95510-02M	HOUSING, driveshaft	1	512598~
2	09100-08213	BOLT, driveshaft housing	8	8x55
3	09162-08003	LOCK WASHER	8	
4	09160-08015	WASHER (8.5x16x1.2)	8	
5	09205-11001	PIN	2	
6	54160-95500	MOUNTING, lower	1	
7	09387-46001	SET RING	2	
8	54165-95200	MOUNTING, lower thrust	1	
9	54167-95500	MOUNTING, lower side	2	
10	09250-28001	CAP, lower mounting bracket	2	
11-1	09100-12019	BOLT (12x145)	1	model QD
11-2	09100-12032	BOLT (12x145)	1	model VE/VF
12-1	09160-12033	WASHER (12.5x22x2.5)	2	model QD
12-2	09160-12066	WASHER	1	model VE/VF
13-1	09140-12020	NUT, lower mounting	1	model QD
13-2	09140-12029	NUT, lower mounting	1	model VE/VF
14-1	54210-95201-02M	BRACKET, lower mounting	1	~412139
14-2	54210-95202-02M	BRACKET, lower mounting	1	412140~412597
14-3	54210-95210-02M	BRACKET, lower mounting	1	512598~
15	36894-95200	LEAD	1	model VF
16	09125-05050	SCREW	2	model VF
17	09161-05013	WASHER	2	model VF

FIG. 28

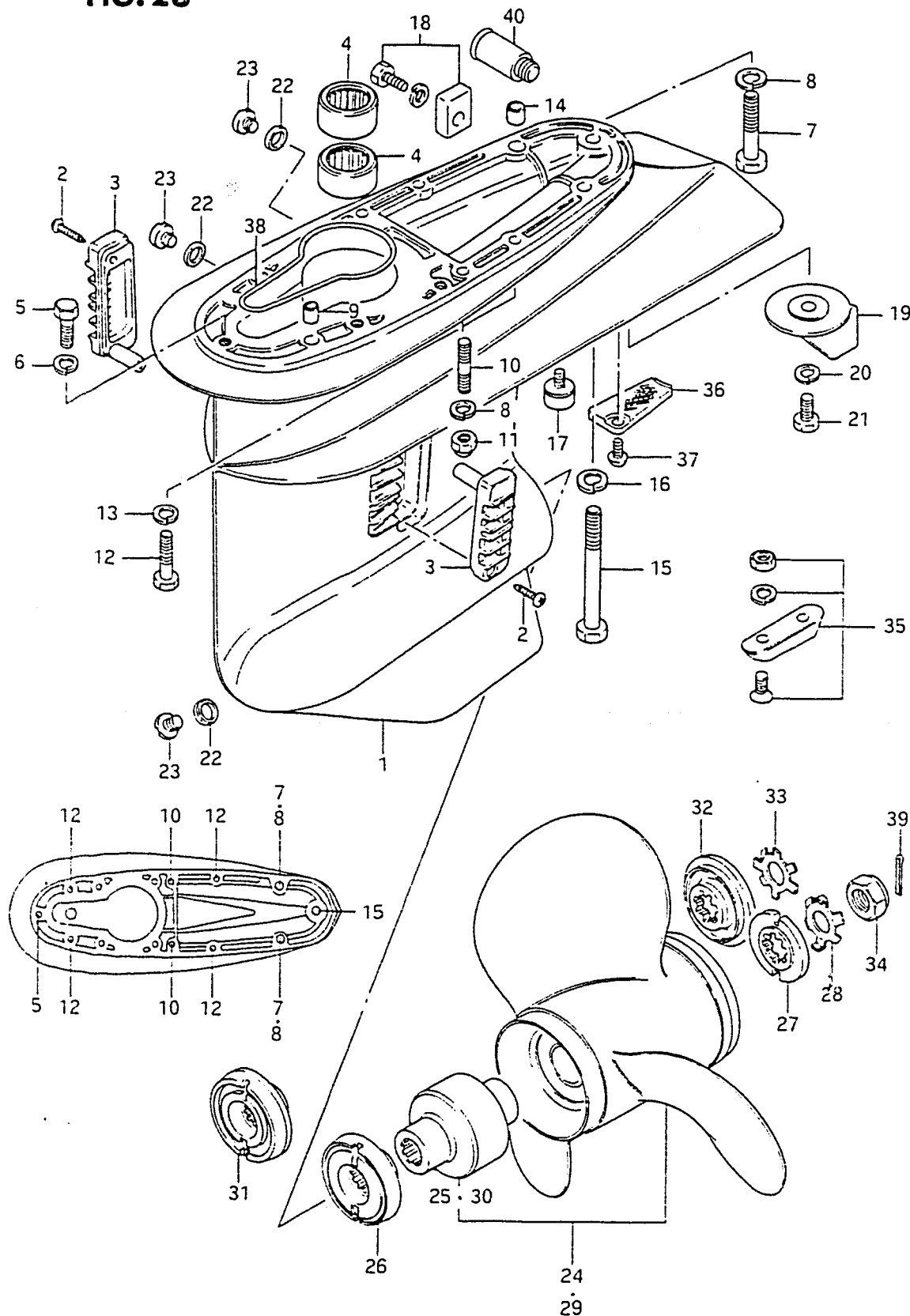
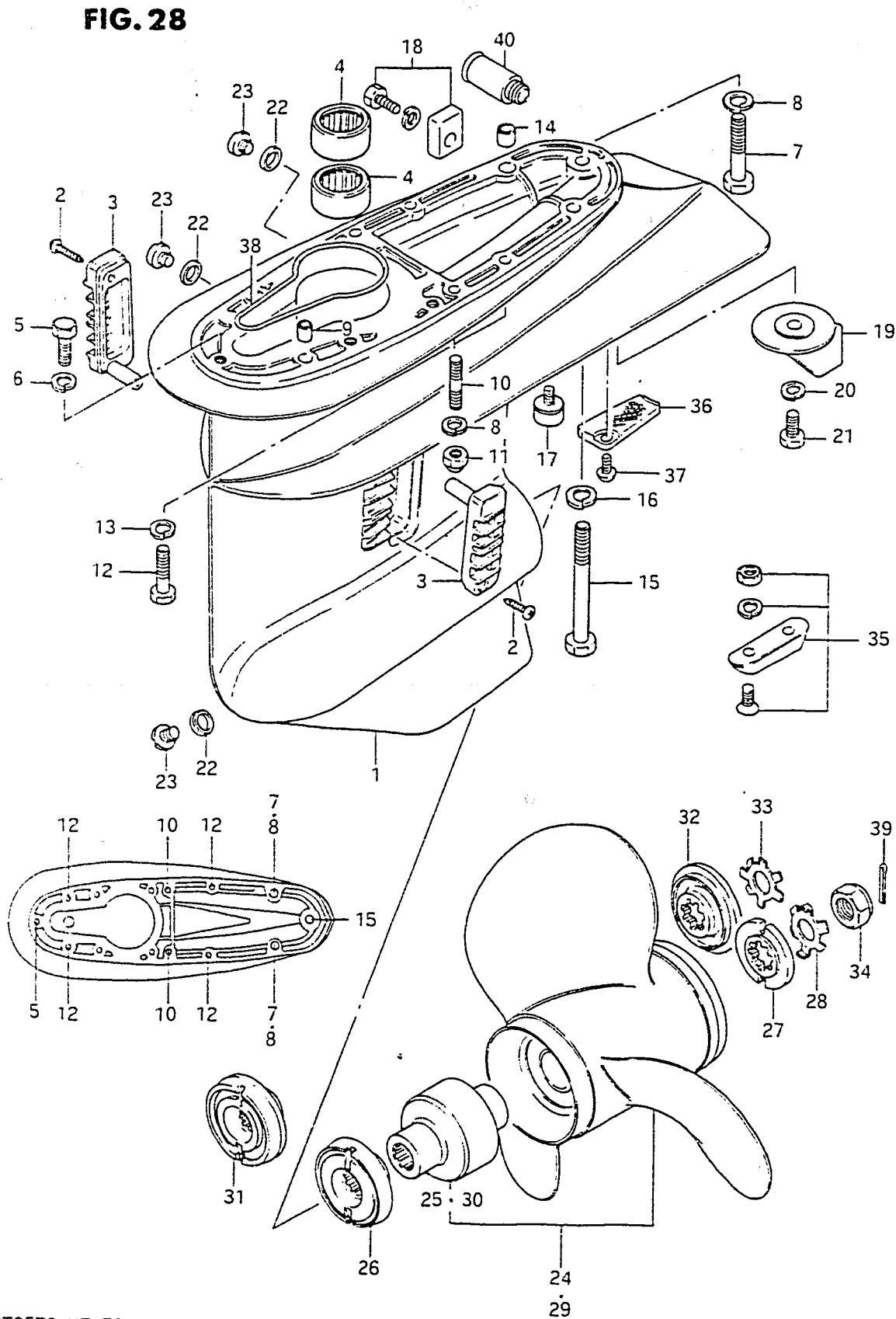


FIG. 28 (D- 9) GEAR CASE

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	55100-95870-02M	CASE SET, gear	1	~310068
1-2	55100-95851-02M	CASE SET, gear	1	310069~411108
1-3	55100-95852-02M	CASE SET, gear	1	411109~
2	03142-04259	.TAPPING SCREW	2	
3-1	17631-95201-02M	.FILTER, water	2	~310443
3-2	17631-95202	.FILTER, water	2	410444~
4	09263-29004	.BEARING, pinion	2	
5	09100-08112	BOLT, bearing housing	1	8x30
6	09162-08003	LOCK WASHER	1	
7-1	09100-08160	BOLT (8x45)	2	model QD
7-2	09100-08216	BOLT	2	model VE/VF
8-1	09162-08003	LOCK WASHER	4	model QD
8-2	09162-08007	LOCK WASHER	4	model VE/VF
9	09206-11001	PIN (8.4x11x12)	1	
10-1	09108-08029	STUD BOLT	2	model QD
10-2	09108-08154	STUD BOLT	2	model VE/VF
11	09159-08026	NUT	2	
12	09100-10149	BOLT (10x55)	4	
13-1	09162-10002	LOCK WASHER	4	model QD
13-2	09162-10005	LOCK WASHER	4	model VE/VF
14	09206-13006	PIN (10.4x13x10)	1	
15-1	09100-10175	BOLT (10x100)	1	model QD
15-2	09100-10205	BOLT	1	model VE/VF
16-1	09162-10002	LOCK WASHER	1	model QD
16-2	09162-10005	LOCK WASHER	1	model VE/VF
17	55320-93142	ZINC, protection	1	model QD
18	55320-95310	ZINC, protection	1	model VE/VF
19	55125-95202-02M	TRIM TAB	1	
20	09162-08003	LOCK WASHER	1	
21-1	09100-08090	BOLT (8x16)	1	model QD
21-2	09100-08215	BOLT	1	model VE/VF
22	09168-10022	GASKET	3	
23-1	09248-10004	PLUG, drain	3	model QD
23-2	09248-10005	PLUG, drain	3	model VE/VF

FIG.28 (D-10) GEAR CASE

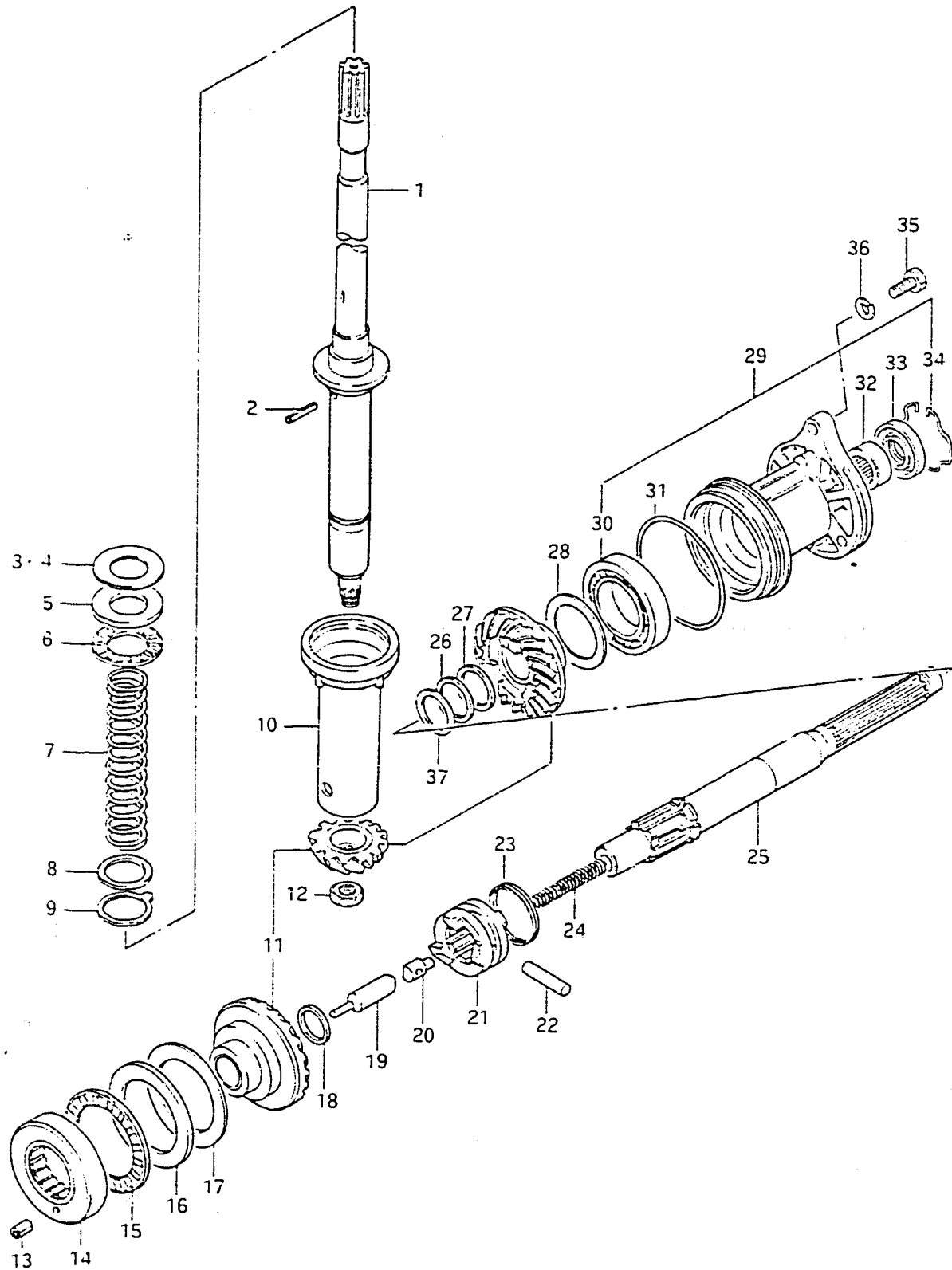


REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
24-1	58100-95500-01T	PROPELLER (3x13-1/2x15)	1	U1500
24-2	58100-95511-01T	PROPELLER (3x11-1/4x17)	1	U1700
24-3	58100-95521-01T	PROPELLER (3x13x19)	1	U1900
24-4	58100-95530-01T	PROPELLER (3x13x21)	1	U2100
24-5	58100-95540-01T	PROPELLER (3x13-3/4x13)	1	U1300
25	58120-95500	.BUSHING	1	U TYPE
26	57635-95503	STOPPER	1	U TYPE
27-1	57633-95500	SPACER	1	model QD,U TYPE
27-2	57633-95501	SPACER	1	model VE/VF,U TYPE
28	57635-95300	WASHER	1	U TYPE
29-1	58100-94500-01T	PROPELLER (3x13-1/2x15)	1	V1500
29-2	58100-94511-01T	PROPELLER (3x13-1/4x17)	1	V1700
29-3	58100-94542-01T	PROPELLER (3x13x19)	1	V1900,STD
29-4	58100-94552-01T	PROPELLER (3x13x21)	1	V2100
30-1	58120-94510	.BUSHING	1	model QD,V TYPE
30-2	58120-94520	.BUSHING	1	model VE/VF,V TYPE
31	57635-94501	STOPPER	1	V TYPE
32	57633-94500	SPACER	1	V TYPE
33	57634-94500	WASHER	1	V TYPE
34	09159-18004	NUT	1	
35	55300-95500	ZINC ASSY, protection	1	OPT
36-1	17635-95500	FILTER	1	
36-2	17635-95510	PLATE, gear case	1	OPT
37-1	09125-06020	SCREW	1	model QD
37-2	09125-06053	SCREW	1	model VE/VF
38	55122-95500	SEAL RING, gear case	1	
39	09204-03003	PIN	1	
40	55181-95200	ATTACHMENT, flush hose	1	



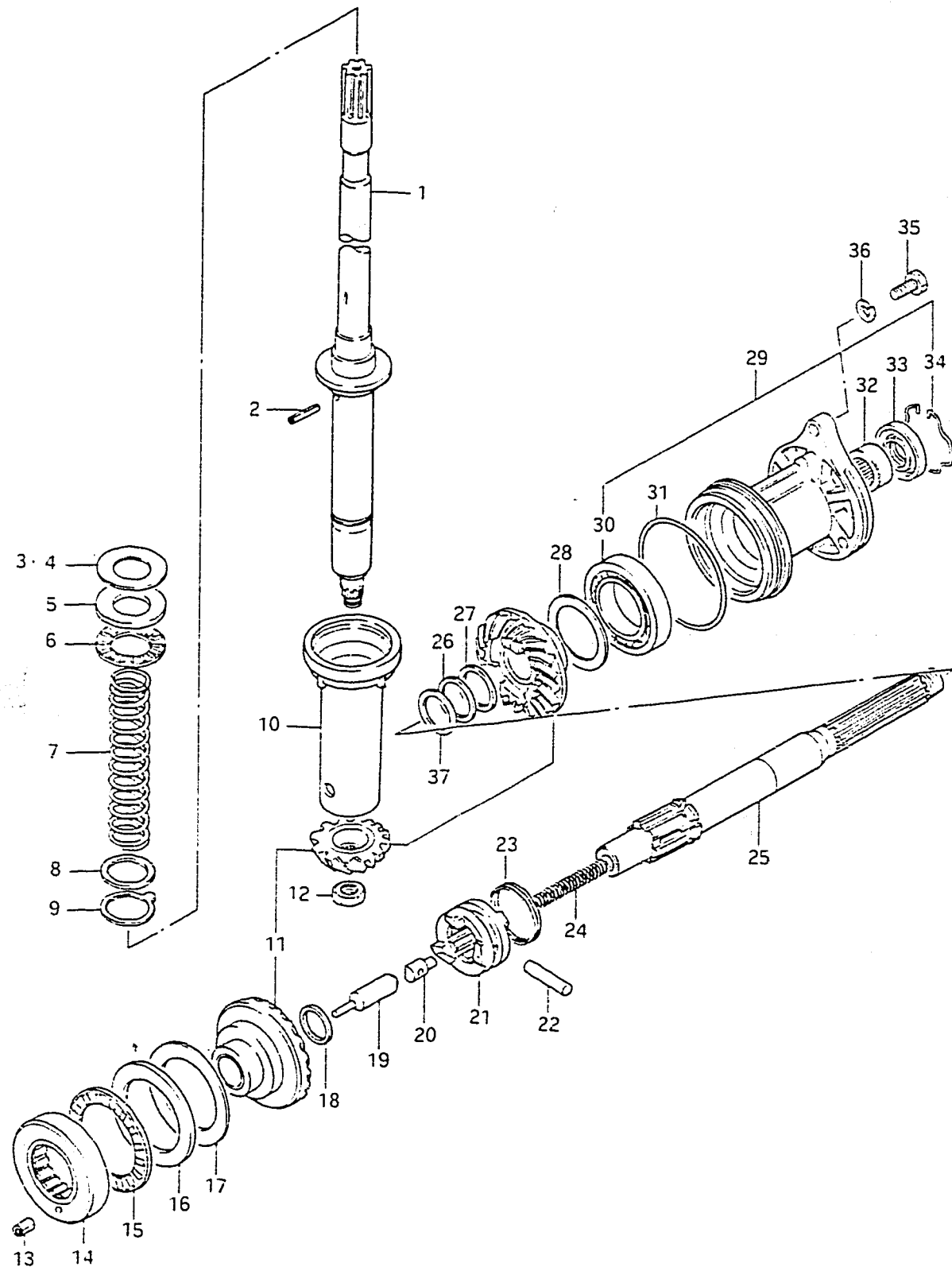
FIG. 29

FIG. 29 (D-11) TRANSMISSION



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	57110-95506	SHAFT, drive	1	411266
1-2	57110-95507	SHAFT, drive	1	411267
2	09205-03022	PIN	1	
3-1	09181-32010	SHIM (32x52x0.1)	0~2	
3-2	09181-32011	SHIM (32x52x0.2)	0~2	
3-3	09181-32013	SHIM (32x52x1.03)	0~1	
3-4	09181-32014	SHIM (32x52x1.07)	0~1	
4-1	09181-30012	SHIM (30x52x0.8)	0~1	
4-2	09181-30013	SHIM (30x52x0.9)	0~1	
4-3	09181-30014	SHIM (30x52x1.0)	0~1	
4-4	09181-30015	SHIM (30x52x1.1)	0~1	
4-5	09181-30016	SHIM (30x52x1.2)	0~1	
4-6	09181-30017	SHIM (30x52x1.3)	0~1	
5	09160-32005	THRUST WASHER (32x52x4.25)	1	
6	09269-30008	BEARING, thrust	1	
7	09440-30003	SPRING	1	
8	09160-30007	THRUST WASHER (30x40x3)	1	
9	09167-31001	THRUST WASHER	1	
10	57133-95501	COLLAR, spring	1	
11-1	57300-95881	PINION/GEAR SET	1	model OD
11-2	57301-95830	PINION/GEAR SET	1	410444~411266
11-3	57301-95840	PINION/GEAR SET	1	411267
12	09140-14021	NUT	1	
13	09205-05006	PIN	1	
14	09269-45001	BEARING, forward gear radial	1	
15	09269-60001	BEARING, thrust	1	
16	09160-60002	THRUST WASHER (60x85x4.2)	1	

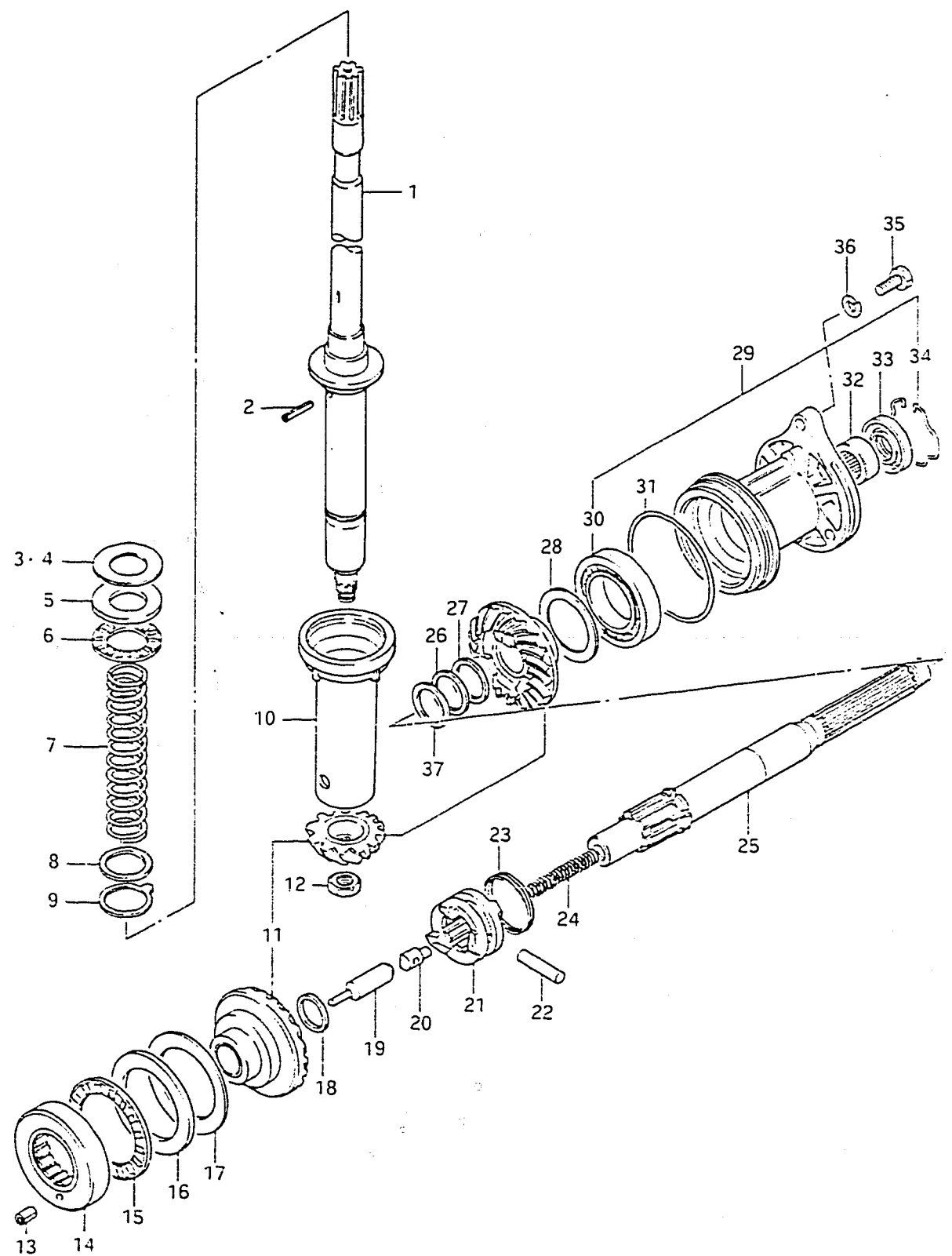
FIG. 29



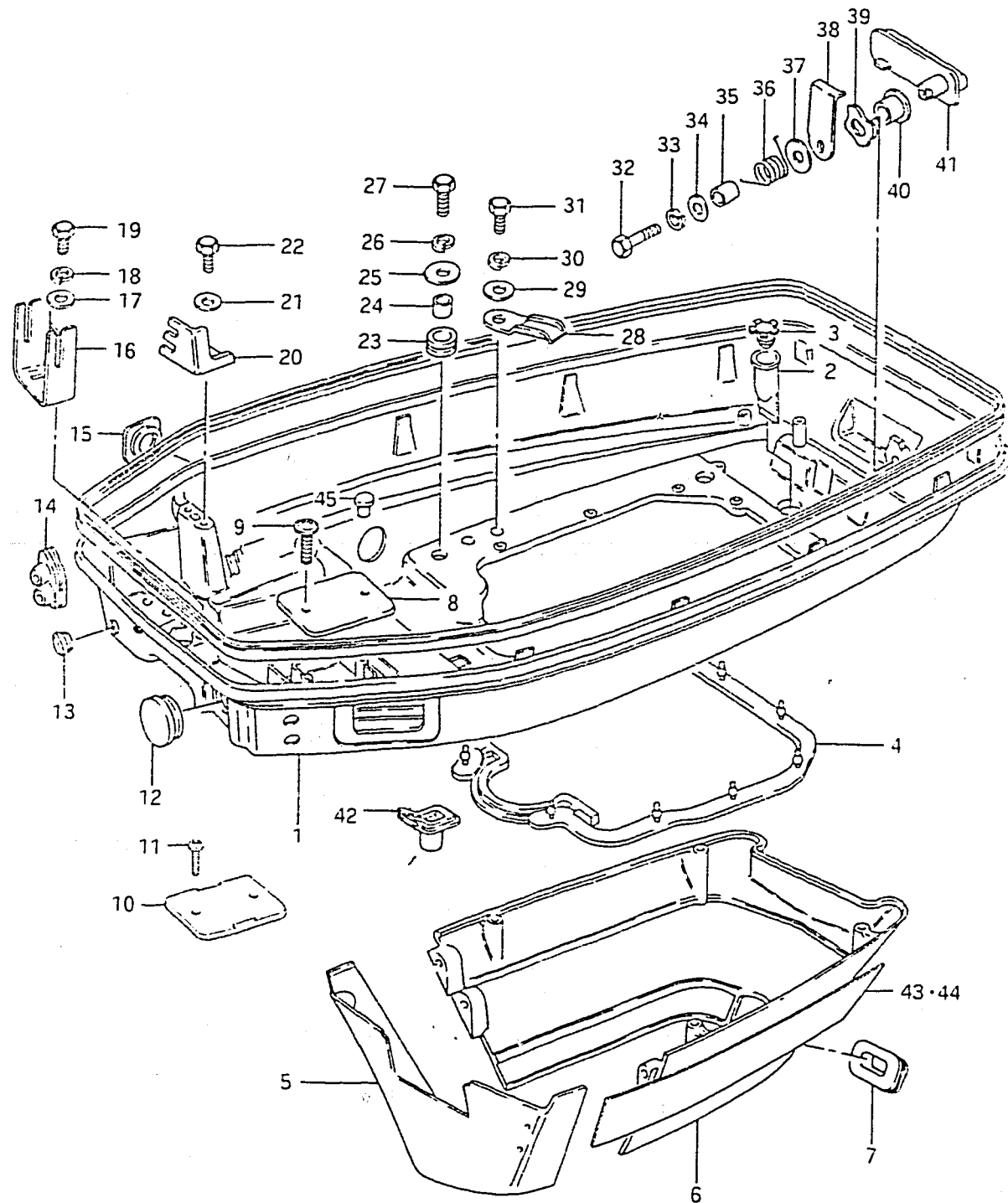
REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
17-1	09160-60003	WASHER (60x85x1)	0~1	
17-2	09160-60004	WASHER (60x85x1.1)	0~1	
17-3	09160-60005	WASHER (60x85x1.2)	0~1	
17-4	09160-60006	WASHER (60x85x1.3)	0~1	
17-5	09160-60007	WASHER (60x85x1.4)	0~1	
17-6	09160-60008	WASHER (60x85x0.8)	0~1	
17-7	09160-60009	WASHER (60x85x0.9)	0~1	
18	09181-25018	THRUST WASHER	1	25x31x4.5
19-1	57631-95502	ROD, push (L:62)	1	model QD
19-2	57631-95503	ROD, push (L:62)	1	model VE
19-3	57631-95513	ROD, push (L:61.5)	1	
19-4	57631-95522	ROD, push (L:62.5)	1	
19-5	57631-95530	ROD, push (L:60.5)	1	model VF
20-1	57632-95501	PIN, push	1	~411904
20-2	57632-95502	PIN, push	1	411905~
21-1	57621-95508	SHIFTER, clutch dog	1	~411904
21-2	57621-95510	SHIFTER, clutch dog	1	411905~
22-1	09209-06038	PIN	1	~411904
22-2	09202-06028	PIN	1	411905~
23-1	09440-45003	SPRING, clutch dog shifter	1	~411904
23-2	09440-48003	SPRING, clutch dog shifter	1	411905~
24-1	09440-08017	SPRING, return (L:65)	1	~410685
24-2	09440-11020	SPRING, return (L:67)	1	410686~
25-1	57610-95505	SHAFT, propeller	1	model QD
25-2	57610-95506	SHAFT, propeller	1	model VE
25-3	57610-95508	SHAFT, propeller	1	model VF
26-1	08221-28365	SHIM (T:0.5)	0~2	model QD
26-2	08221-28364	SHIM (T:0.2)	0~2	model QD
27	08211-28365	THRUST WASHER (T:2.5)	1	model QD

FIG. 29 (D-13) TRANSMISSION

FIG. 29



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
28-1	09181-45001	SHIM (45x58x0.5)	0~2	
28-2	09181-45002	SHIM (45x58x0.2)	0~2	
29-1	56120-95503	HOUSING, propeller shaft	1	model QD
29-2	56120-95504	HOUSING, propeller shaft	1	model VE/VF
30	08113-60090	.BEARING, reverse gear	1	
31	09280-85001	.O RING	1	
32	09263-28011	.BEARING, propeller shaft	2	
33-1	09289-28006	.OIL SEAL, propeller shaft	1	model QD
33-2	09282-28002	.OIL SEAL, propeller shaft	2	model VE/VF
34	09387-52001	.RING	1	
35	09100-08112	BOLT	2	
36	09162-08003	LOCK WASHER	2	
37-1	09160-28013	WASHER, REV (1.0)	2	model VE/VF
37-2	09160-28014	WASHER, REV (1.2)	2	model VE/VF
37-3	09160-28015	WASHER, REV (1.4)	2	model VE/VF
37-4	09160-28016	WASHER, REV (1.6)	2	model VE/VF
37-5	09160-28018	WASHER, REV (1.3)	2	model VE/VF

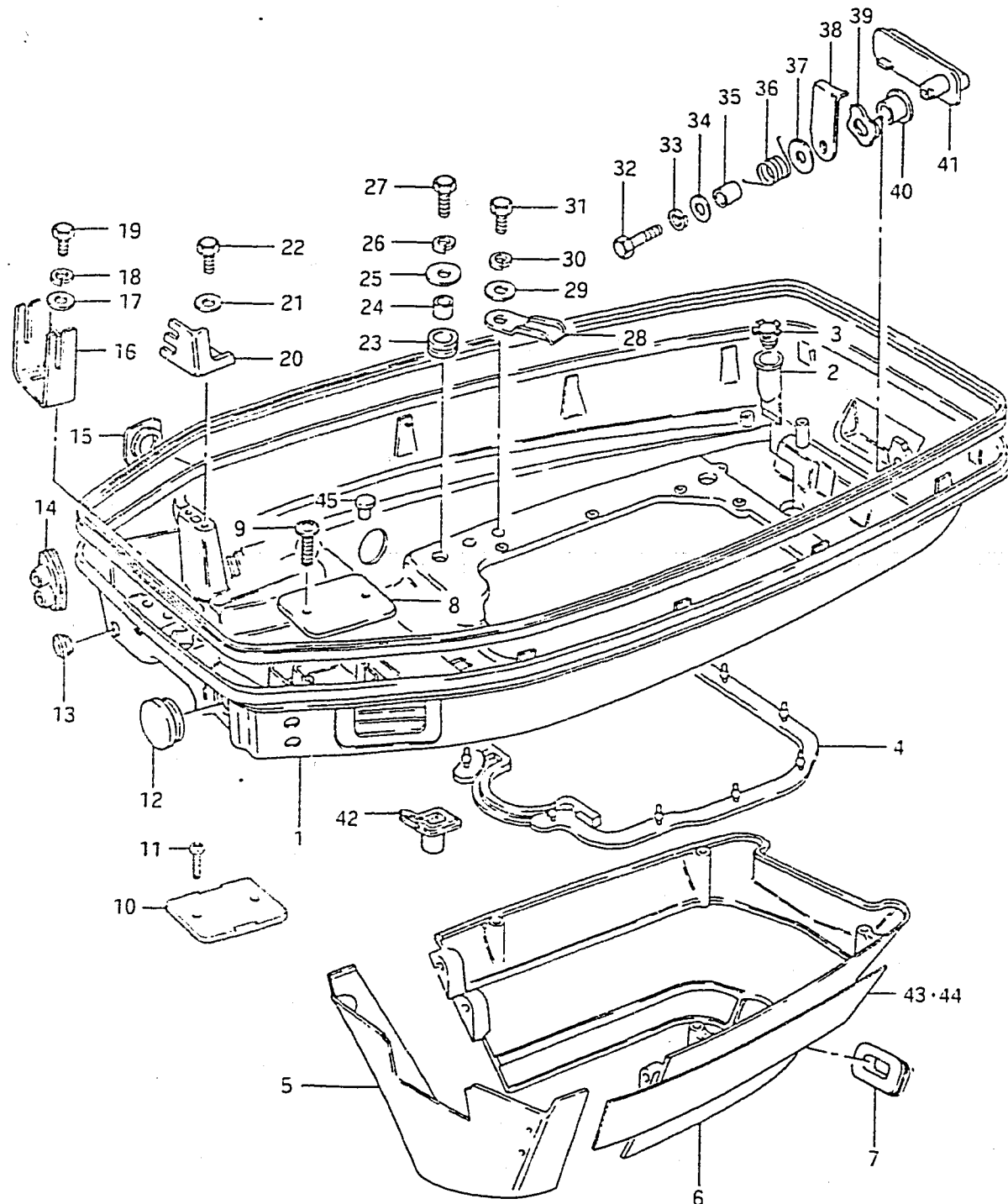


QTY

REF.NO.	PART NO.	DESCRIPTION	QTY	REMARKS
1-1	61110-95513-02M	COVER, lower	1	~309470
1-2	61110-95514-02M	COVER, lower	1	309471-310442
1-3	61110-95515-02M	COVER, lower	1	410444~410882
1-4	61110-95516-02M	COVER, lower	1	410883~412597
1-5	61110-95517-02M	COVER, lower	1	512598~
2	13873-20300	TUBE, drain	1	
3	13979-37400	RETAINER, drain tube	1	
4-1	61113-95204	SEAL, lower cover	1	model QD
4-2	61113-95205	SEAL, lower cover	1	model VE/VF
5	61131-95201-02M	COVER, lower front	1	
6-1	61141-95202-02M	COVER, lower rear	1	model QD
6-2	61141-95203-02M	COVER, lower rear	1	model VE/VF
7-1	61142-95200	GROMMET	1	model QD
7-2	61142-95201	GROMMET	1	model VE/VF
8	61117-95200	COVER, air intake	1	OPT
9	09125-05023	SCREW	2	OPT
10	61117-95501	COVER, air intake	1	
11	02152-06128	SCREW	2	
12	09250-30003	CAP, starter hole	1	
13	63725-95200	GROMMET, choke cable	1	
14	67331-95210	GROMMET, control cable	1	
15	61124-95200	GROMMET, lower cover	1	
16	61116-95502	BRACKET, lower cover	1	
17	09160-06015	WASHER (6.5x13x1)	0~2	
18	09162-06001	LOCK WASHER	2	
19	09100-06058	BOLT (6x15)	2	

FIG. 30

FIG. 30 (D-15) LOWER COVER



Q'TY

REMARKS

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
20	67271-95211	HOLDER, remocon cable	1	
21	09162-06001	LOCK WASHER	2	
22	09100-06058	BOLT	2	
23	09320-10011	CUSHION, lower cover	4	
24	09180-06112	SPACER (6.8x10x11.5)	4	
25	09160-06047	WASHER (6.5x22x2)	4	
26	09162-06001	LOCK WASHER	4	
27	09100-06089	BOLT (6x25)	4	
28	09403-10307	CLAMP	1	
29	09160-06015	WASHER (6.5x13x1)	8	
30	09162-06001	LOCK WASHER	8	
31	09100-06020	BOLT (6x20)	8	
32	09100-06089	BOLT (6x25)	1	
33	09162-06001	LOCK WASHER	1	
34	09160-06015	WASHER (6.5x13x1)	1	
35	09180-06089	SPACER (6.1x9x9)	1	
36	09448-12006	SPRING, hook lever	1	
37	09160-06046	WASHER (6.5x20x1.5)	1	
38	61631-95300	HOOK, lower cover	1	
39	09164-13005	WAVE WASHER	1	
40	09306-13002	BUSHING, hook lever	1	
41	61633-95201-02M	LEVER, hook	1	
42-1	23131-95500	BOOT, clutch rod	1	~309589
42-2	23131-95501	BOOT, clutch rod	1	309590
43	61221-95560	DECAL, lower cover, RH	1	
44	61231-95560	DECAL, lower cover, LH	1	
45	09250-05003	CAP	2	

FIG.31

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FIG.31 (E- 2) ENGINE COVER (MODEL QD/VE)

Q'TY

REF.NO.	PART NO.	DESCRIPTION	REMARKS
1	61401-95872-02M	COVER SET, engine	1
2	61431-95201-02M	.HANDLE, tilt up	1
3	09161-06008	.WASHER (6.5x13x1)	2
4	09160-06036	.WASHER (6.5x18x1.5)	3
5	09162-06001	.LOCK WASHER	3
6	09100-06019	.BOLT (6x16)	3
7	61420-95510	.EMBLEM, front	1
8	09160-05024	.WASHER (5.5x16x1.5)	4
9	09140-05001	.NUT	4
10	61422-95561	.MARK, upper	1
11	61441-94560	.EMBLEM, side	2
12	61443-95550	.DECAL RH "85"	1
13	61453-95550	.DECAL LH "85"	1
14	61435-95550	.EMBLEM, rear "85"	1
15	61660-95500	.KNOB, hook unfasten	1
16	09441-12001	.SPRING	1
17	61653-95501	.SHAFT, hook unfasten	1
18	61651-95501	.HOLDER, hook spring	1
19	61652-95500	.PACKING (T:1.5)	1
20	61654-95500	.NUT	1
21	61641-95500	.HOOK, front	1
22	61642-95500	.PIN (L:61)	1
23	09180-06078	.SPACER (6.1x8x15)	2
24	09385-06003	.PIN	2

Refer to FIG.32 (E-4) for model VF

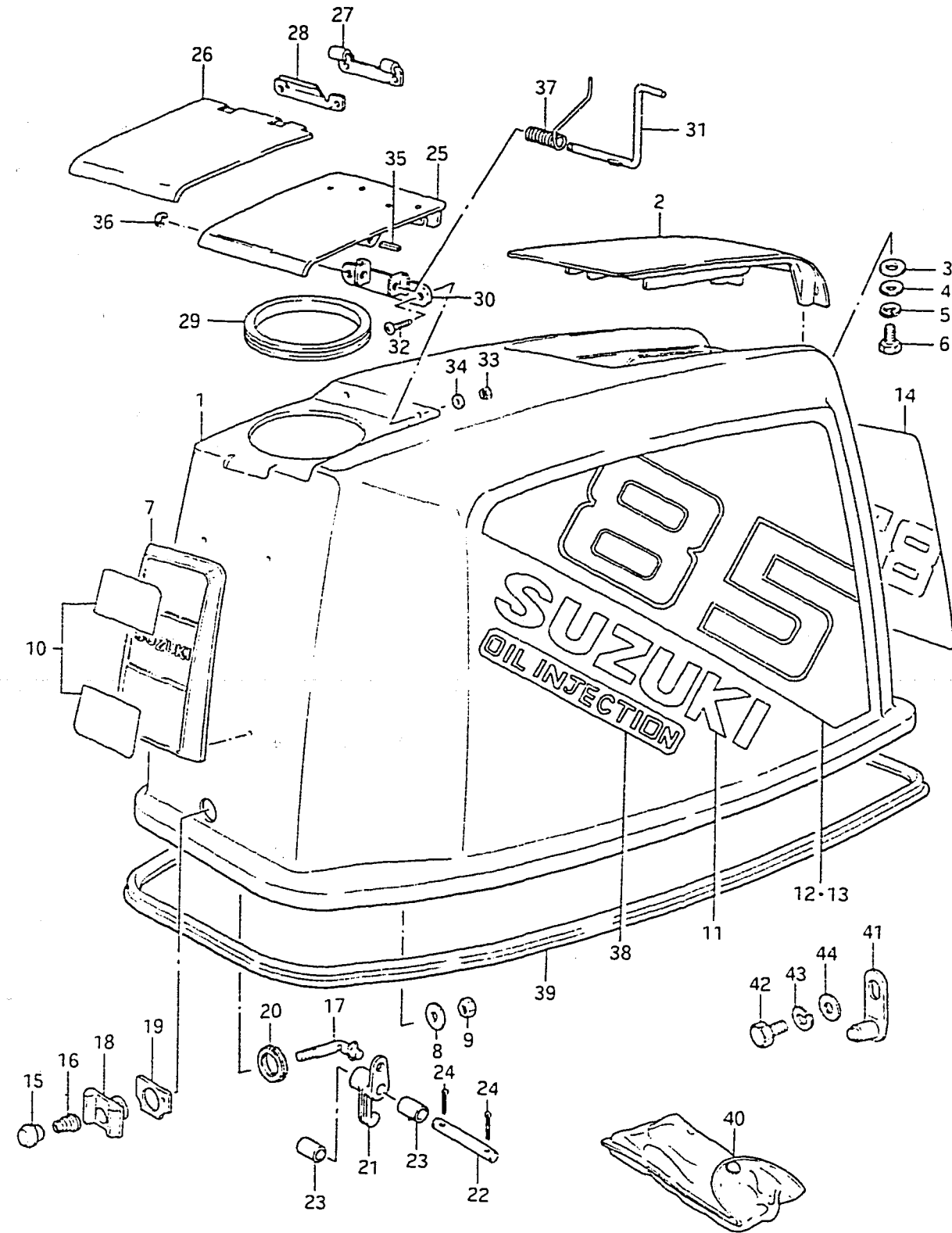
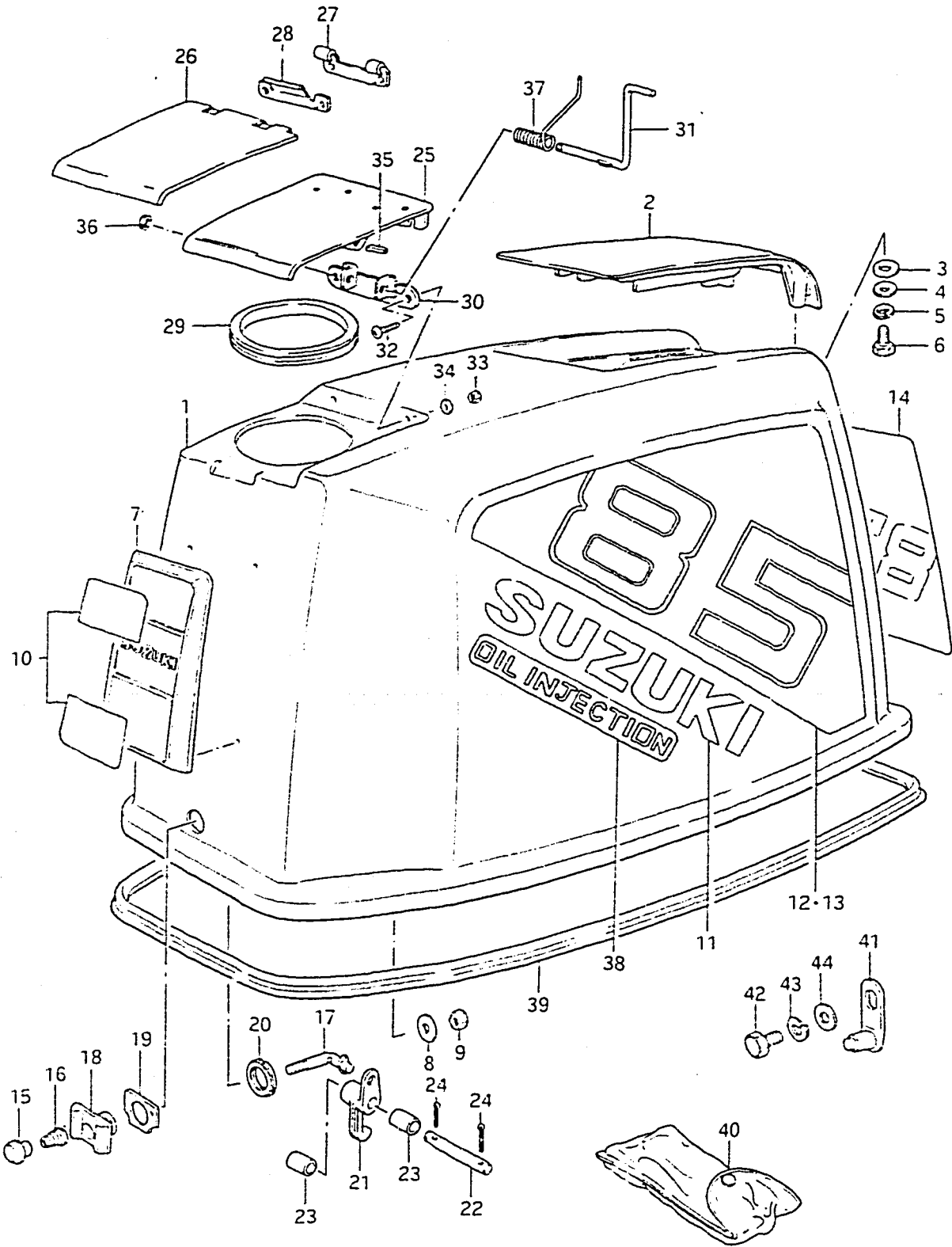


FIG. 31



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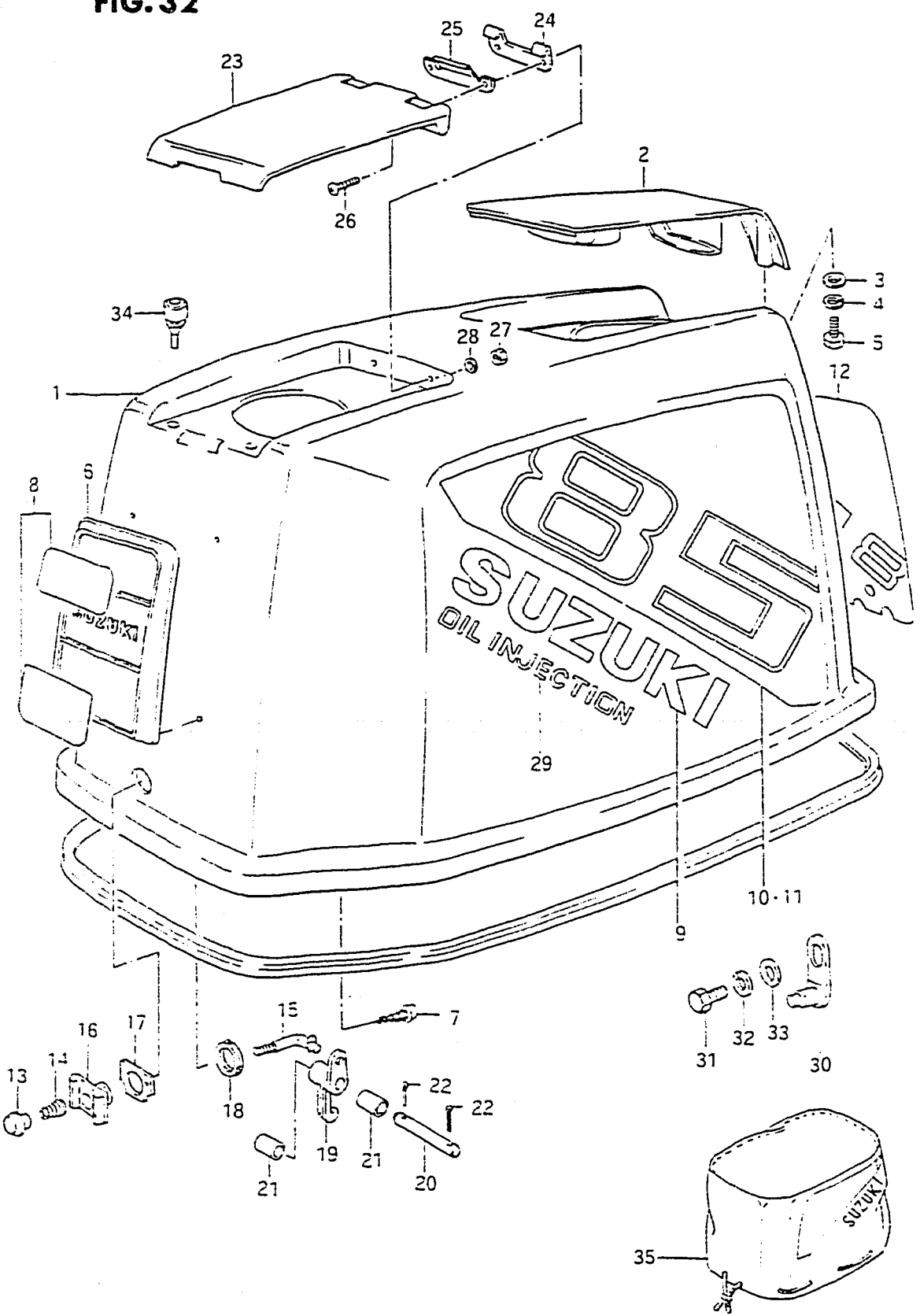
FIG. 31 (E- 3) ENGINE COVER (MODEL QD/VE)

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
25	61480-95502-02M	.LID, oil tank filler	1	~309606 See Note #1
26	61481-95502-02M	.LID, oil tank filler	1	309607~
27	61482-94510	.HINGE	1	309607~
28	61485-95500	.SPRING	1	309607~
29	61414-95500	.GASKET, filler hole	1	
30	61415-95500	.HOLDER, lid spring	1	
31	61416-95500	.PIN, lid	2	
32	09125-06021	.SCREW, lid	2	
33	09140-06004	.NUT	2	
34	09160-06015	.WASHER	2	
35	09205-03019	.SPRING PIN, lid	1	~309606
36	09383-03001	.E RING, lid pin	1	~309606
37	09448-12007	.SPRING, lid	1	~309606
38	61442-94560	.MARK, oil injection	2	
39	61112-95207	SEAL	1	
40	09800-81800	TOOL ASSY	1	
41	61610-95510	FASTENER	1	
42	01107-06128	BOLT	1	
43	08321-21068	LOCK WASHER	1	
44	08322-21068	WASHER	1	

Note #1: Multiple interchange to 61481-95502-02m  
 Must also use (1) 61482-94510 and (1) 61485-95500

FIG. 32

FIG. 32 (E- 4) ENGINE COVER (MODEL VF)



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	61403-95850-02M	COVER SET, engine	1	
2	61431-95501-02M	.HANDLE, tilt up	1	
3	09160-06036	.WASHER (6.5x18x1.5)	4	
4	09162-06001	.LOCK WASHER	4	
5	09100-06113	.BOLT (6x16)	4	
6	61421-94400	.EMBLEM, front	1	
7	03242-05109	.SCREW	4	
8	61422-95561	.MARK, upper	1	
9	61441-94560	.EMBLEM, side	2	
10	61443-95610	.DECAL STBD "85"	1	
11	61453-95610	.DECAL PORT "85"	1	
12	61435-95610	.EMBLEM, rear "85"	1	
13	61660-95500	.KNOB, hook unfasten	1	
14	09441-12001	.SPRING	1	
15	61653-95501	.SHAFT, hook unfasten	1	
16	61651-95501	.HOLDER, hook spring	1	
17	61652-95500	.PACKING (T:1.5)	1	
18	61654-95500	.NUT	1	
19	61641-95500	.HOOK, front	1	
20	61642-95500	.PIN (L:61)	1	
21	09180-06078	.SPACER (6.1x8x15)	2	
22	09385-06003	.PIN	2	
23	61481-95520-02M	.LID, oil tank filler	1	
24	61482-94510	.HINGE	1	
25	61485-95500	.SPRING	1	
26	09125-06021	.SCREW, lid	2	
27	09140-06004	.NUT	2	
28	09160-06015	.WASHER	2	
29	61442-94560	.MARK, oil injection	2	
30	61610-95512	.FASTENER	1	
31	01107-06128	.BOLT	1	
32	08321-21067	.LOCK WASHER	1	
33	08322-21067	.WASHER	1	
34	09321-05019	.CUSHION	2	
35	68110-95510	COVER, weather	1	OPT

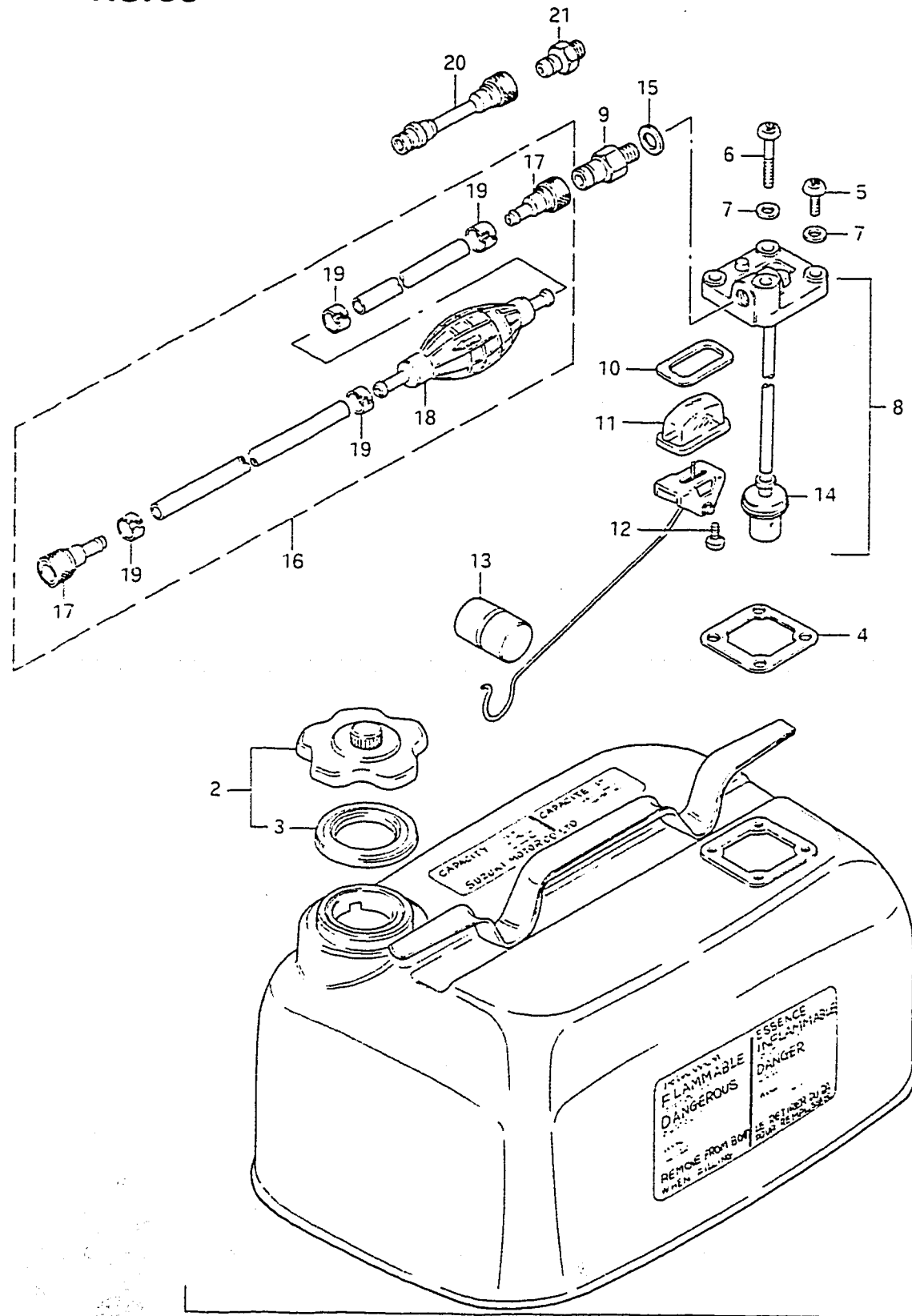
Refer to FIG.31 (E-2) for model QD/VE

E4



FIG.33 (E- 5) FUEL TANK

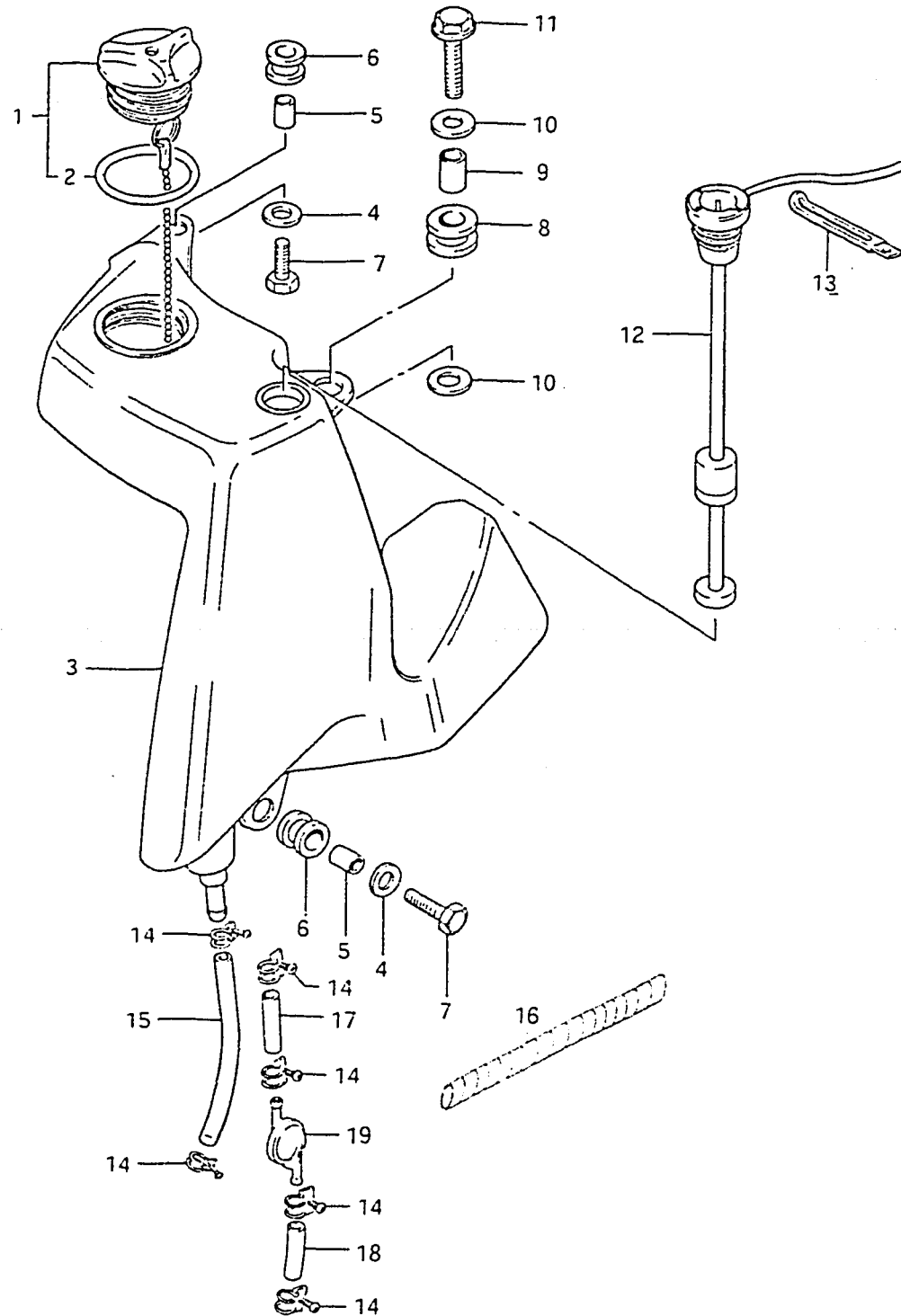
FIG.33



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	65000-95201	TANK SET, fuel (23L)	1	6 U.S.GAL.
2	65510-98507	.CAP	1	
3	65561-98502	..GASKET	1	
4	65871-93010	.GASKET	1	
5	02112-06168	.SCREW	3	
6	02112-06408	.SCREW	1	
7	09168-06002	.WASHER	4	
8	65850-95505	.GAUGE ASSY	1	
9	65740-95500	..CONNECTOR, male fuel	1	OD:13
10	65854-93001	..GASKET, strainer	1	
11	65853-93001	..STRAINER	1	
12	02112-04108	..SCREW	2	
13	65864-95200	..FLOAT	1	
14	65830-95500	..FILTER	1	
15	09168-12001	..GASKET	1	
16	65700-95513	HOSE, tank to connector	1	
17	65750-95500	.CONNECTOR, female fuel	2	ID:13
18	65770-95501	.PUMP, squeeze	1	
19	65781-98500	.CLIP	4	
20	65700-95271	HOSE, fuel joint	1	OPT
21	65720-98590	CONNECTOR, male fuel	1	OPT, OD:11

FIG. 34

FIG. 34 (E- 6) OIL TANK (MODEL QD/VE)

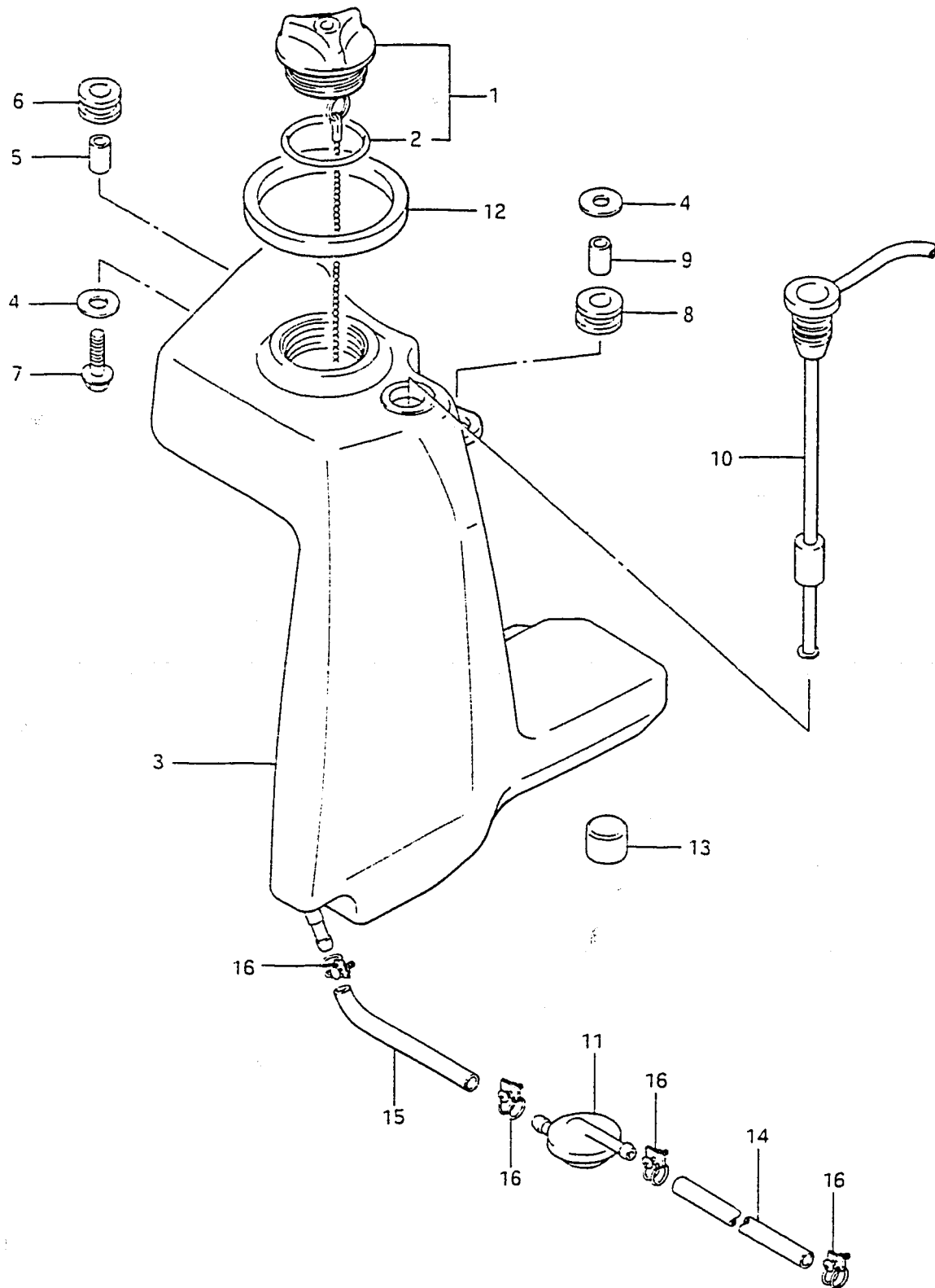


REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	69200-95502	CAP ASSY, oil tank	1	
2	09280-41004	.O RING	1	
3	69111-95501	TANK, oil	1	
4	09160-06036	WASHER (6.5x18x1.5)	4	
5	09180-06030	SPACER (6.8x10x10)	2	
6	09320-10008	CUSHION	2	
7	01517-06258	BOLT, lower	2	
8	09320-12027	CUSHION	1	
9	09180-09014	SPACER (9x12x10)	1	
10	09160-08014	WASHER, starting motor	2	8.5x23x1.5
11	01517-08358	BOLT	1	
12-1	34860-95502	SWITCH ASSY, oil level	1	model QD
12-2	34860-95510	SWITCH ASSY, oil level	1	model VE
13	09404-08401	CLAMP, oil level switch	1	model QD
14-1	09400-10302	CLAMP, oil hose	2	~411266
14-2	09400-10302	CLAMP, oil hose	4	411267~
15	09344-05032	HOSE (5x8x160)	1	~411266
16	34863-94500	TUBE, 50	1	model VE
17	09344-05045	HOSE, L:65	1	411267~
18	09344-05044	HOSE, L:45	1	411267~
19	16810-95500	FILTER, oil	1	411267~

Refer to FIG. 35 (E-7) for model VF

FIG. 35

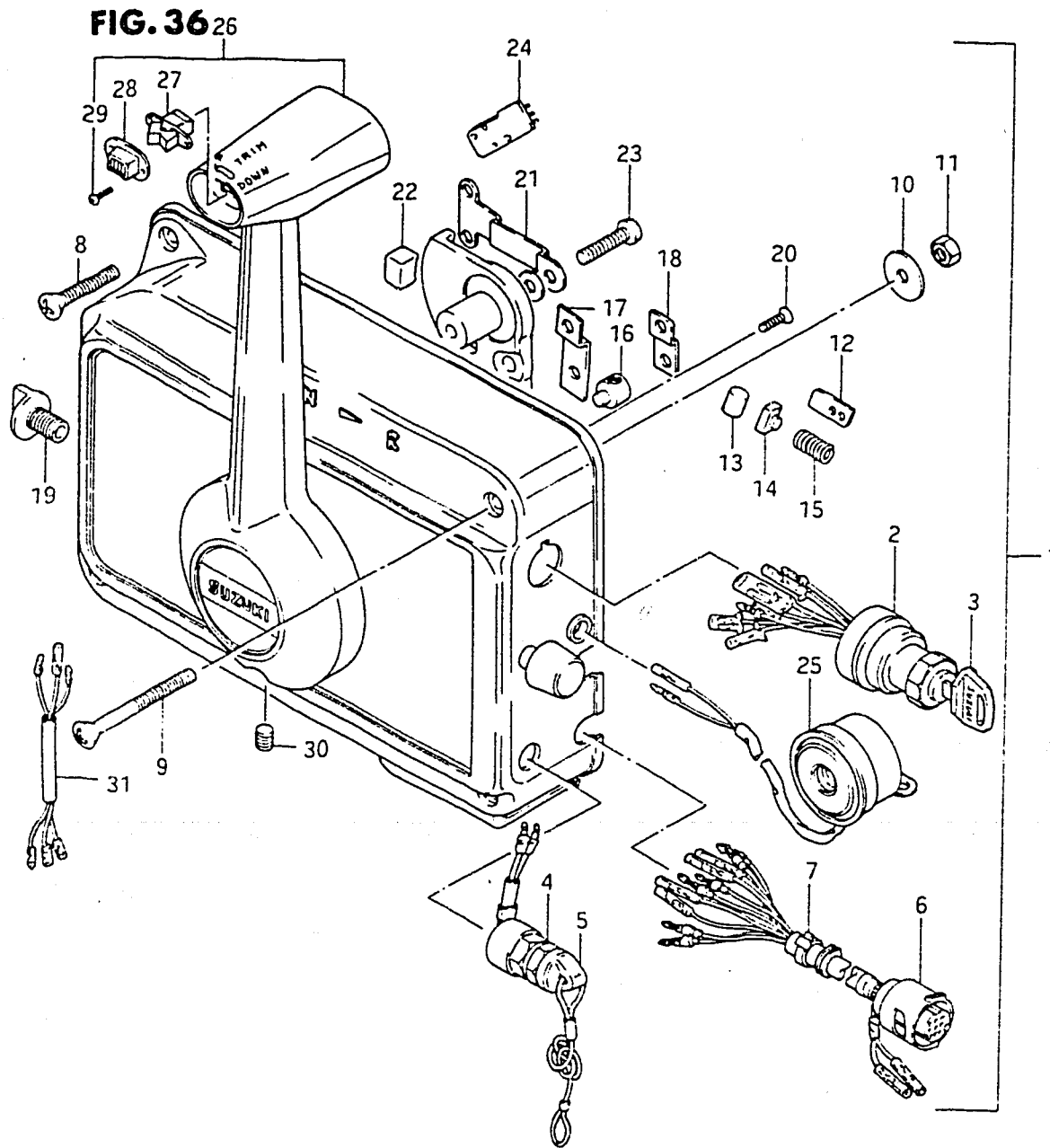
FIG. 35 (E- 7) OIL TANK (MODEL VF)



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	69200-95505	CAP ASSY, oil tank	1	
2	09280-41004	.O RING	1	
3	69110-95510	TANK, oil	1	
4	09160-06036	WASHER (6.5x18x1.5)	2	
5	09180-06030	SPACER (6.8x10x10)	1	
6	09320-10008	CUSHION	1	
7	01517-06258	BOLT, lower	1	
8	09320-12027	CUSHION	1	
9	09180-09014	SPACER (9x12x10)	1	
10	34860-95510	SWITCH ASSY, oil level	1	
11	16810-95500	FILTER, oil	1	
12	65281-95500	GROMMET, oil tank	1	
13	09329-18002	CUSHION	1	
14	09344-05012	HOSE	1	
15	09344-05045	HOSE	1	
16	09400-10302	CLAMP	4	

Refer to FIG. 34 (E-6) for model QD/VE

FIG. 36 (E- 8) REMOTE CONTROL (MODEL QD)



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	67200-94521	REMOTE CONTROL BOX ASSY	1	
2	37110-94301	.SWITCH ASSY, ignition	1	
3-1	37141-93300	..KEY, spare (8511)	1	OPT
3-2	37141-93310	..KEY, spare (8512)	1	
3-3	37141-93320	..KEY, spare (8513)	1	
3-4	37141-93330	..KEY, spare (8611)	1	
3-5	37141-93340	..KEY, spare (8612)	1	
3-6	37141-93350	..KEY, spare (8613)	1	
4	37820-95254	.SWITCH ASSY, emergency	1	
5	37823-95251	..CAP/ROPE	1	
6	36620-94310	.WIRING HARNESS	1	
7	36632-95501	.CLAMP	1	
8	02132-06408	.SCREW	1	
9	02132-06758	.SCREW	3	
10	09160-06047	.WASHER (6.5x22x2)	4	
11	08310-11068	.NUT	4	
12	67271-95500	.PLATE	2	
13	67253-95500	.ROLLER	1	
14	67254-95500	.BUSHING	1	
15	67255-95500	.SPRING	1	
16	67275-95500	.TRUNNION	2	
17	67272-95500	.RETAINER, clutch	1	
18	67274-95500	.RETAINER, throttle	1	

FIG. 36

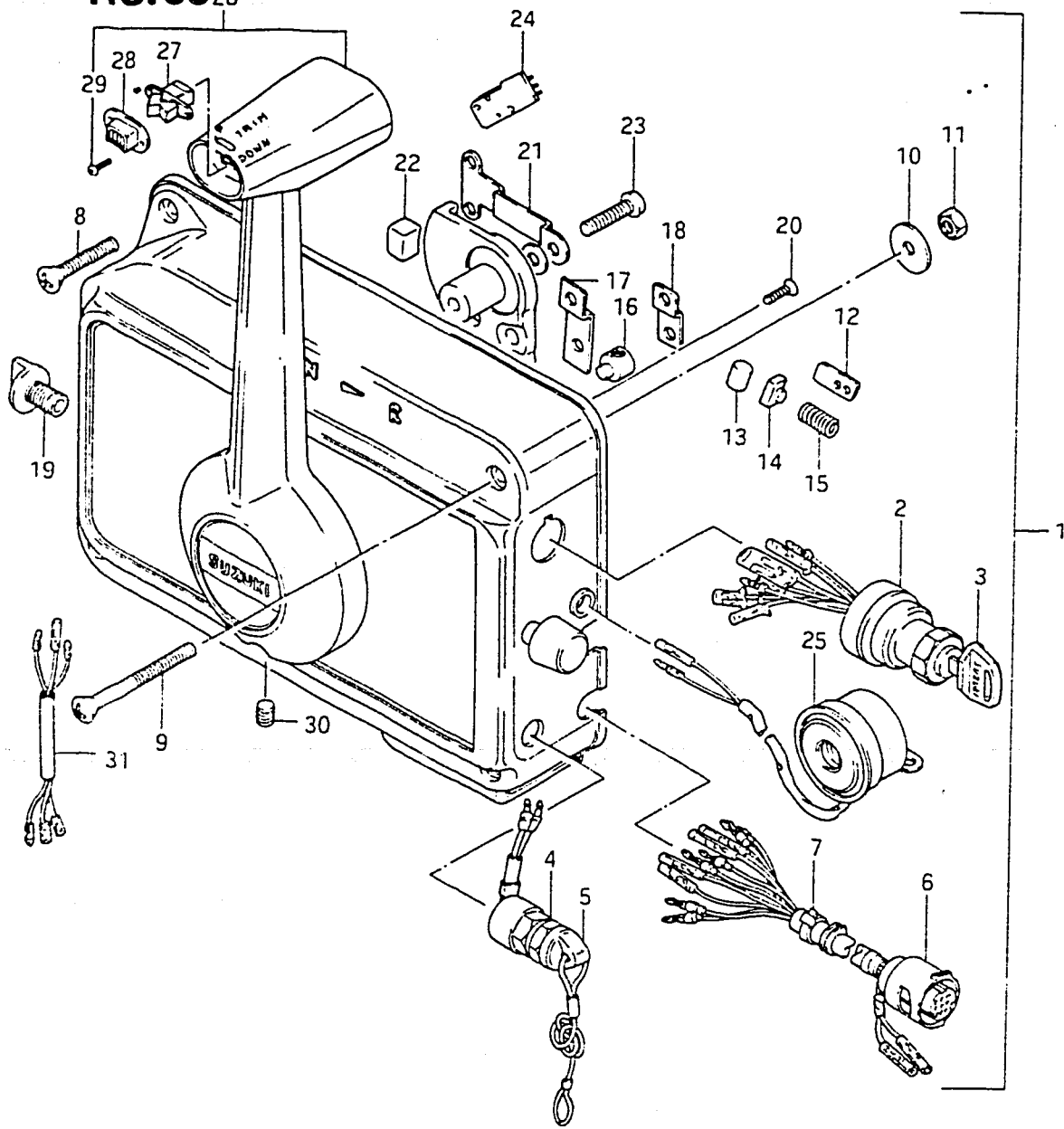
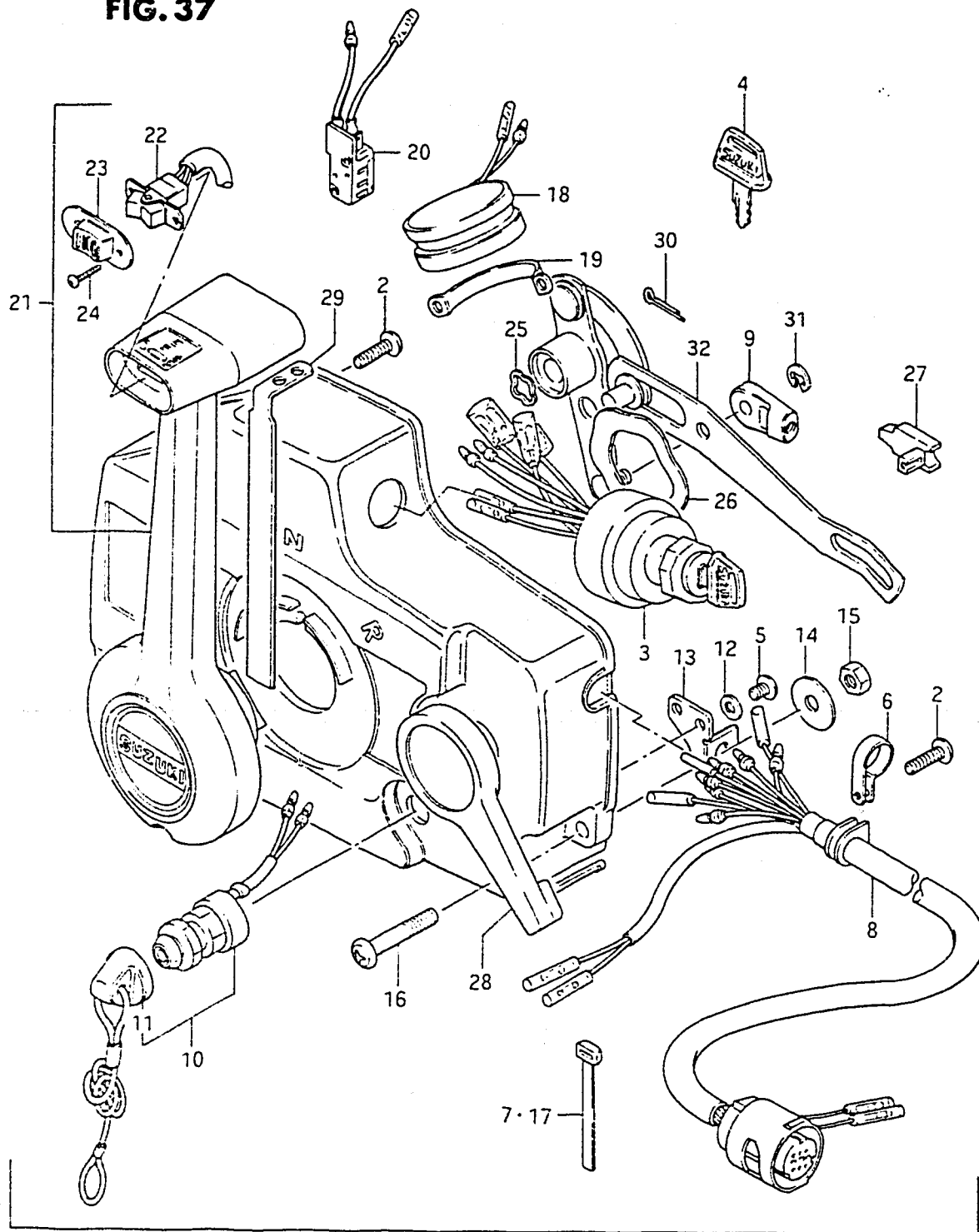


FIG. 36 (E- 9) REMOTE CONTROL (MODEL QD)

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
19	67232-95500	.KNOB, brake	1	
20	02122-04128	.SCREW	4	
21	67233-95500	.RETAINER	1	
22	67234-95500	.SHOE, friction	1	
23	02112-06358	.SCREW	1	
24	37721-95551	.SWITCH, neutral	1	
25	38500-94501	.BUZZER, warning	1	
26	67250-94500	.LEVER ASSY, remote control	1	
27	37860-95500	.SWITCH, trim	1	
28	37864-95500	.CAP, switch	1	
29	09139-02003	.SCREW	2	
30	67249-95500	.SCREW	1	
31	37863-95501	.WIRE, trim	1	

FIG. 37

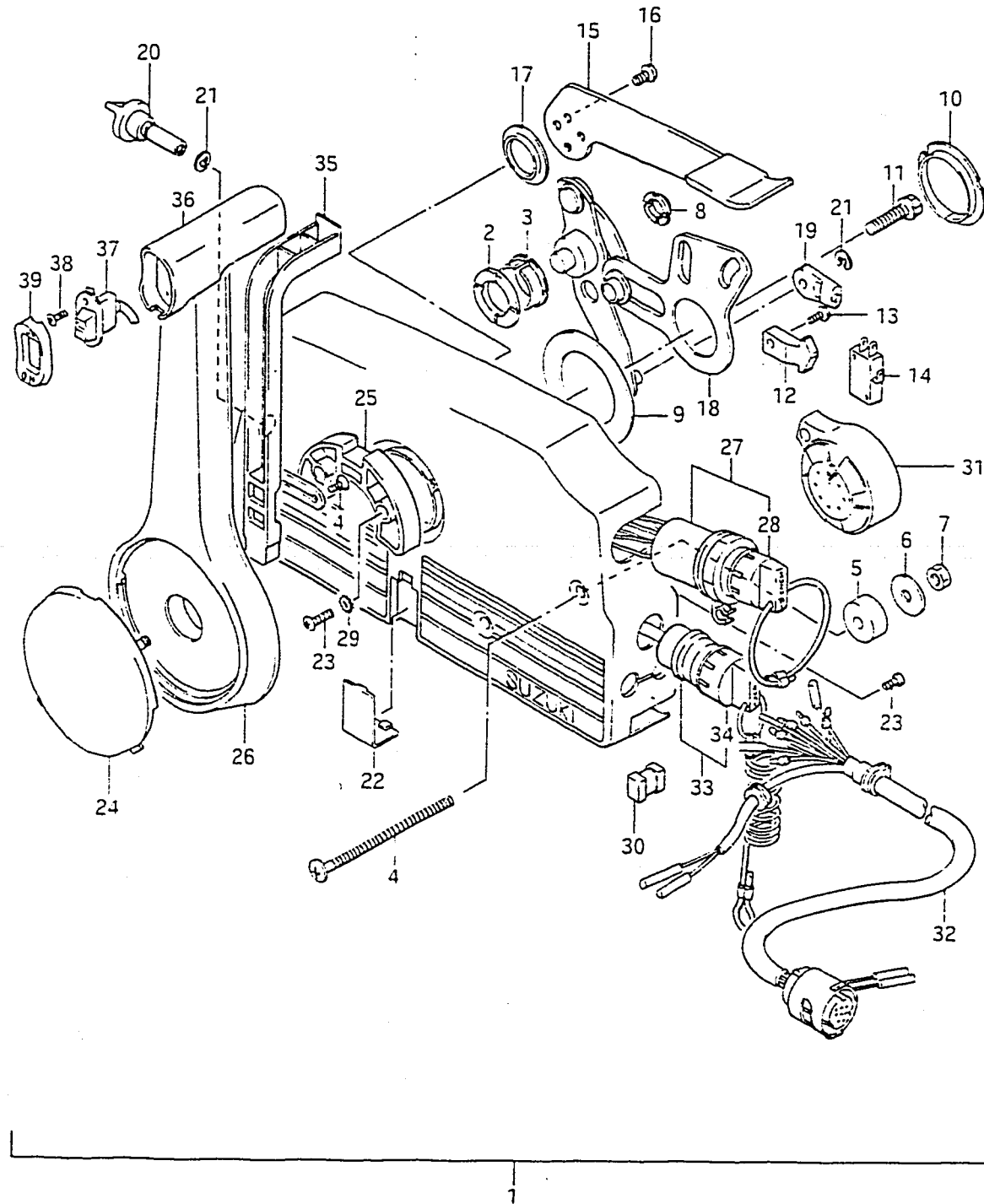
FIG. 37 (E-10) REMOTE CONTROL (MODEL VE)



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	67200-95561	REMOTE CONTROL BOX ASSY	1	with PTT switch
2	67296-94300	.SCREW	4	
3	37110-94301	.SWITCH ASSY, ignition	1	
4-1	37141-93300	..KEY, spare (8511)	1	OPT
4-2	37141-93310	..KEY, spare (8512)	1	
4-3	37141-93320	..KEY, spare (8513)	1	
4-4	37141-93330	..KEY, spare (8611)	1	
4-5	37141-93340	..KEY, spare (8612)	1	
4-6	37141-93350	..KEY, spare (8613)	1	
5	67296-94310	.SCREW	6	
6	36622-94300	.CLAMP	2	
7	36632-95501	.CLAMP	1	
8	36620-94310	.WIRING HARNESS, extension	1	
9	67275-94300	.CABLE END	2	
10	37820-96302	.SWITCH, emergency	1	
11	37823-95251	..CAP	1	
12	67288-94300	.WASHER	6	
13	67271-94300	.HOLDER, cable	1	
14	67288-94310	.WASHER	3	
15	09140-06004	.NUT	3	
16	09125-06012	.SCREW	3	
17	37119-94300	.BAND	3	
18	38500-95503	.BUZZER, warning	1	
19	38501-95500	.BAND, warning buzzer	1	
20	37721-95551	.SWITCH ASSY, neutral	1	
21	67250-95302	.LEVER ASSY, remote control	1	for 67200-95561
22	37860-94300	..SWITCH, trim	1	
23	37864-95500	..CAP, switch	1	
24	09139-02003	..SCREW	2	
25	67232-94300	.BUSH	1	
26	67252-94300	.BUSH	1	
27	67214-94300	.ACTUATOR	1	
28	67241-94300	.LEVER, free throttle	1	
29	67255-94300	.ARM, neutral lock	1	
30	67293-94300	.PIN	1	
31	67292-94300	.E RING	3	
32	67220-94300	.PLATE ASSY	1	

FIG. 38

FIG. 38 (E-11) REMOTE CONTROL (MODEL VF)



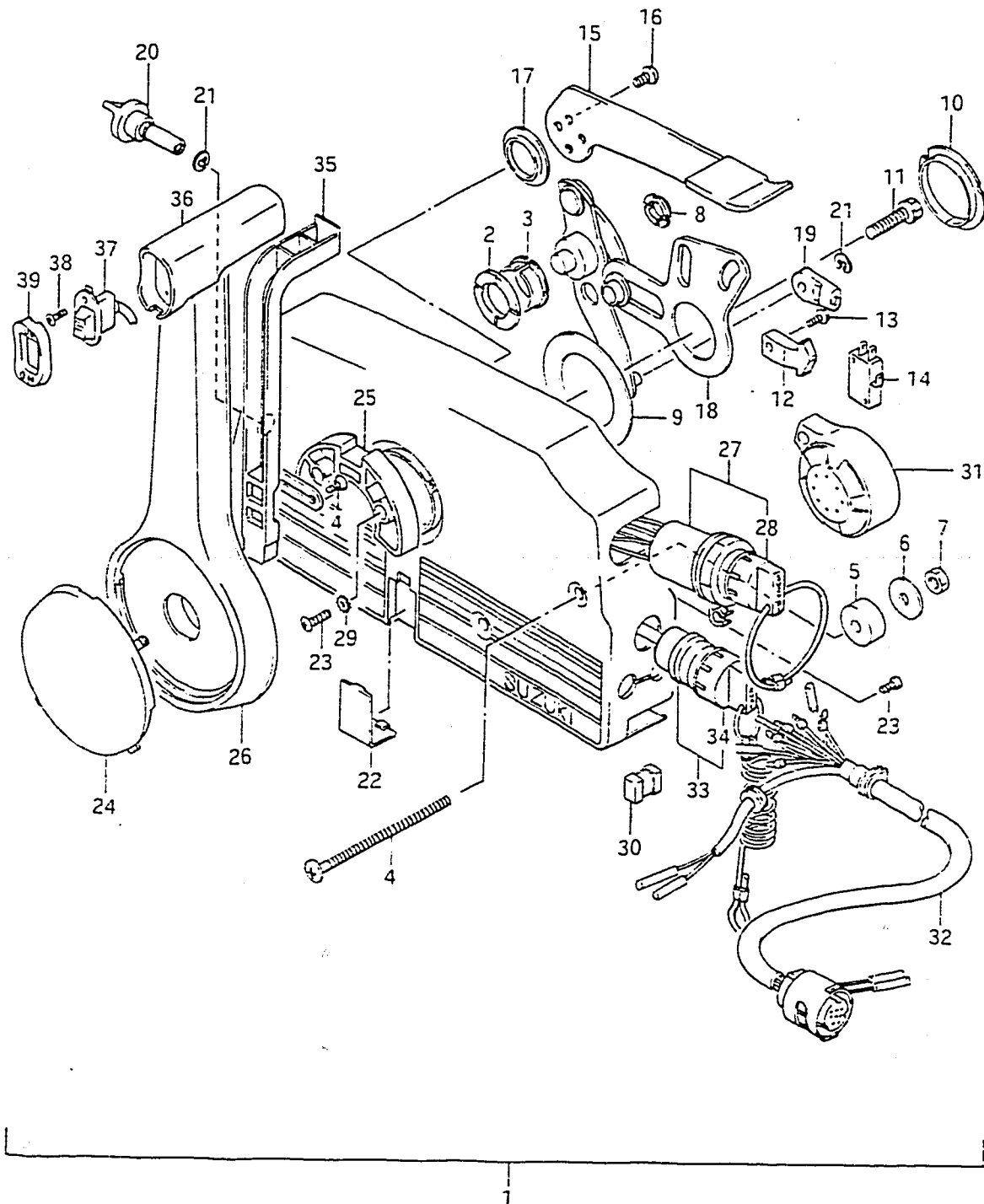
Q'TY

REMARKS

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	67200-95650	REMOTE CONTROL BOX ASSY	1	
2	67232-95600	.BUSH	1	
3	67232-95620	.BUSH	1	
4	67296-95600	.SCREW	3	
5	67294-95600	.SPACER	3	
6	67288-94310	.WASHER	3	
7	09140-06004	.NUT	3	
8	67232-95610	.BUSH	1	
9	67253-95600	.WASHER	1	
10	67252-95600	.BUSH	1	
11	09100-08112	.BOLT	1	
12	67214-95600	.ACTUATOR	1	
13	67296-94300	.SCREW	3	
14	37721-94600	.SWITCH, neutral	1	
15	67241-95650	.LEVER, free throt	1	
16	09126-05003	.SCREW	2	
17	67243-95600	.BUSH	1	
18	67220-95600	.PLATE ASSY	1	
19	67275-95600	.END, cable	2	
20	67223-95600	.KNOB, brake ADJ	1	
21	67292-94300	.E RING	3	
22	67267-95600	.COVER, wire	1	
23	67296-95610	.SCREW	7	
24	67257-95600	.CAP, lever	1	

FIG. 38

FIG.38 (E-12) REMOTE CONTROL (MODEL VF)



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
25	67256-95600	.HOLDER, neut lock	1	
26	67251-95650	.LEVER HANDLE	1	
27	37110-94600	.IGNITION SEITCH	1	
28-1	37141-94400	..KEY (101)	1	OPT
28-2	37141-94410	..KEY (102)	1	
28-3	37141-94420	..KEY (103)	1	
28-4	37141-94430	..KEY (104)	1	
28-5	37141-94440	..KEY (105)	1	
28-6	37141-94450	..KEY (106)	1	
29	67297-95600	.WASHER	2	
30	67273-95600	.SPACER	1	
31	38500-94600	.BUZZER	1	
32	36620-94600	.WIRING HARNESS	1	
33	37820-94402	.SWITCH ASSY, emergency	1	
34	37823-94400	..CAP & ROPE	1	
35	67255-95600	.ARM NEUTRAL LOCK	1	
36	67261-95600	.GRIP	1	
37	37860-94600	.SWITCH, trim	1	
38	09139-02003	.SCREW	2	
39	67263-95600	.CAP GRIP	1	



FIG.39

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FIG.39 (F- 2) OPT : TIE ROD

Q'TY

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
4	45490-95200	SHAFT, trailing attachment	1	
5	55182-95200	ATTACHMENT, flush hose	1	
6	67701-95300	DRAG LINK ASSY	1	STD
7	67721-94500	.SPACER	1	STD
8	67725-94500	.BOLT	1	STD
9	67726-94500	.NUT	2	STD
10	67728-94500	.WASHER	3	STD

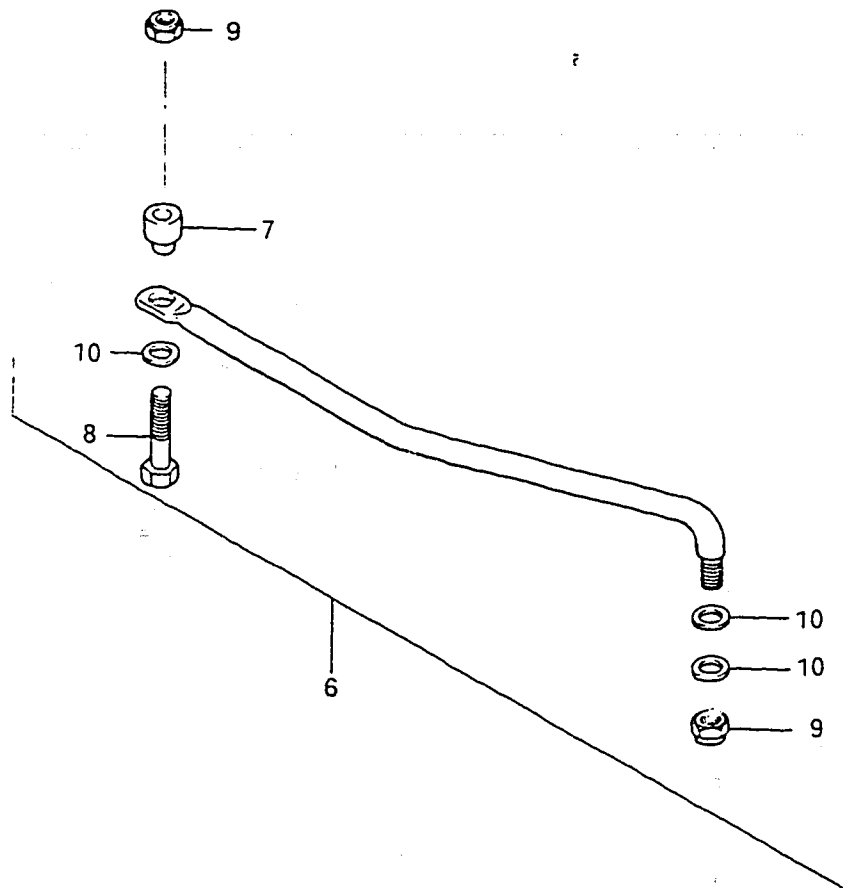
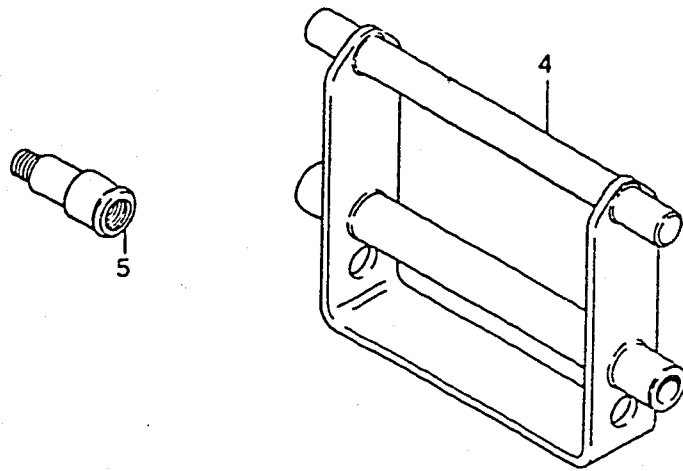


FIG. 40

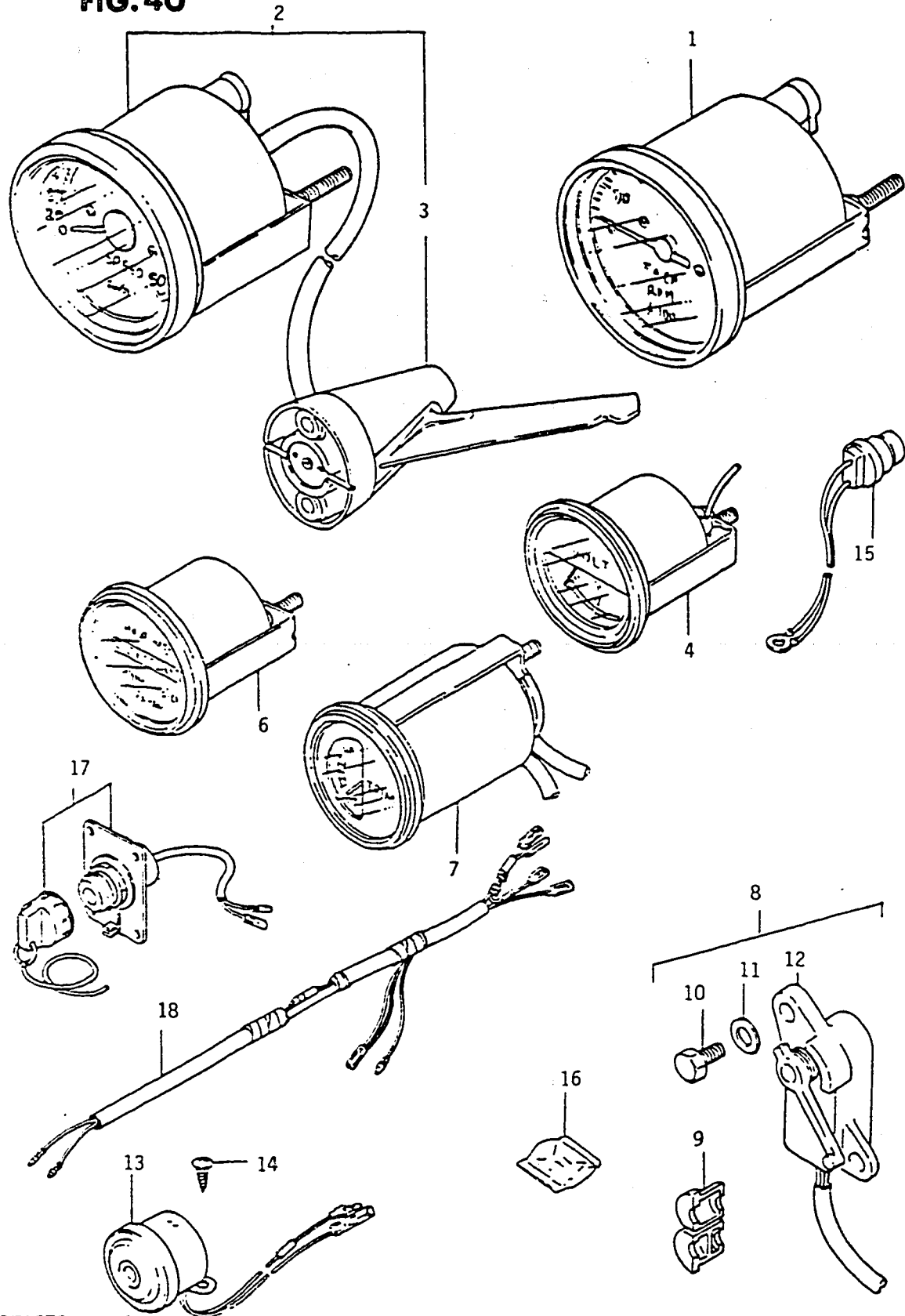
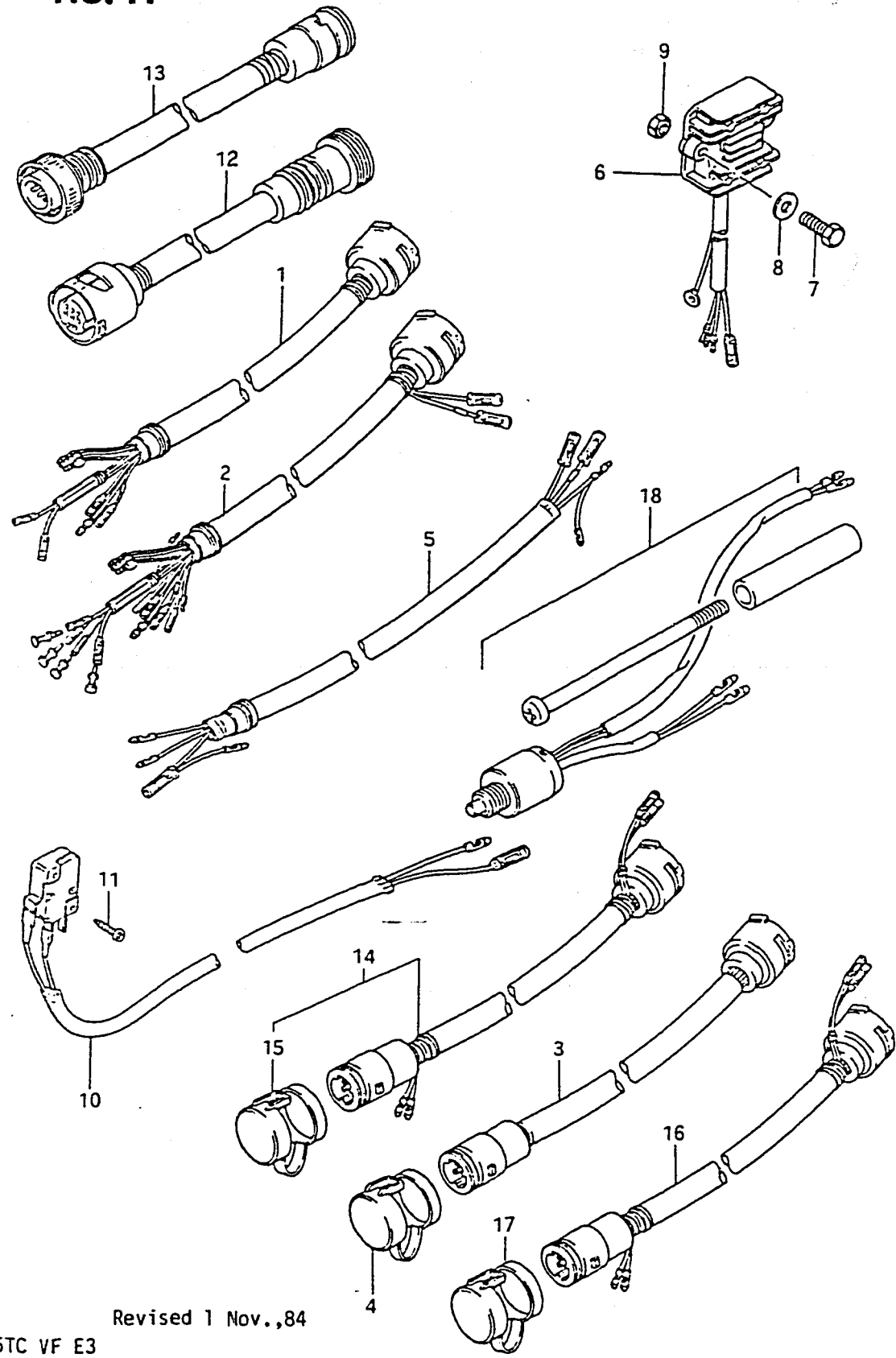


FIG. 40 (F-3) OPT: METER

REF.NO.	PART.NO.	DESCRIPTION	Q'TY	REMARKS
1	99105-00175	TACHOMETER	1	
2	99105-00176	SPEEDOMETER	1	
3	99105-00176-001	.PITOT TUBE	1	
4	99105-00177	VOLT METER	1	
5	99105-00178	FUEL GAUGE	1	Not Shown
6	99105-00180	HOUR METER	1	
7-1	34800-95511	TRIM METER ASSY	1	Model QD
7-2	34800-95521	TRIM METER ASSY	1	Model VE/VF
8	34801-95520	SENDER, trim assy	1	
9	34803-94500	.GROMMET	1	
10	09100-06019	.BOLT	2	
11	09160-06015	.WASHER	2	
12	34801-95210	.SENDER, trim	1	
13	38500-94501	BUZZER, warning	1	
14	03142-05169	SCREW	2	
15	34850-95510	THERMO UNIT	1	
16	34855-95550	GREASE	1	
17	34108-94500	SWITCH ASSY, meter light	1	
18	34109-94500	LEAD EXTENSION, meter	1	

FIG.41



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	36620-94510	WIRING HARNESS, extension	1	model VE,L:5000
2	36620-94520	WIRING HARNESS, EXT 9 WIRES	1	model VF,L:5000, PTT
3	36620-95203	WIRING HARNESS, extension	1	L:5000
4	36631-94300	.CAP	1	
5	36640-95500	WIRING HARNESS, control	1	PTT,L:5000
6	32800-95820	RECTIFIER & REGULATOR ASSY	1	
7	01107-06258	.BOLT	2	
8	08322-21068	.WASHER	2	
9	08310-11068	.NUT	2	
10	37721-95500	SWITCH ASSY, neutral	2	
11	02112-03168	SCREW	4	
12	36641-94701	ADAPTOR (O.N) (L:160)	1	
13	36642-94702	ADAPTOR (N.O) (L:300)	1	
14	36620-95302	WIRING HARNESS EXTENSION,S	1	L:2000
15	36631-94300	.CAP	1	
16	36620-95320	WIRING HARNESS EXT 9WIRES	1	with PTT lead,L:5000
17	36631-94300	.CAP	1	
18	67140-95300	ATTACHMENT, twin remocon kit	1	for NA02 only
19	67140-95600	ATTACHMENT, twin remocon kit	1	for NA12S only Not Shown

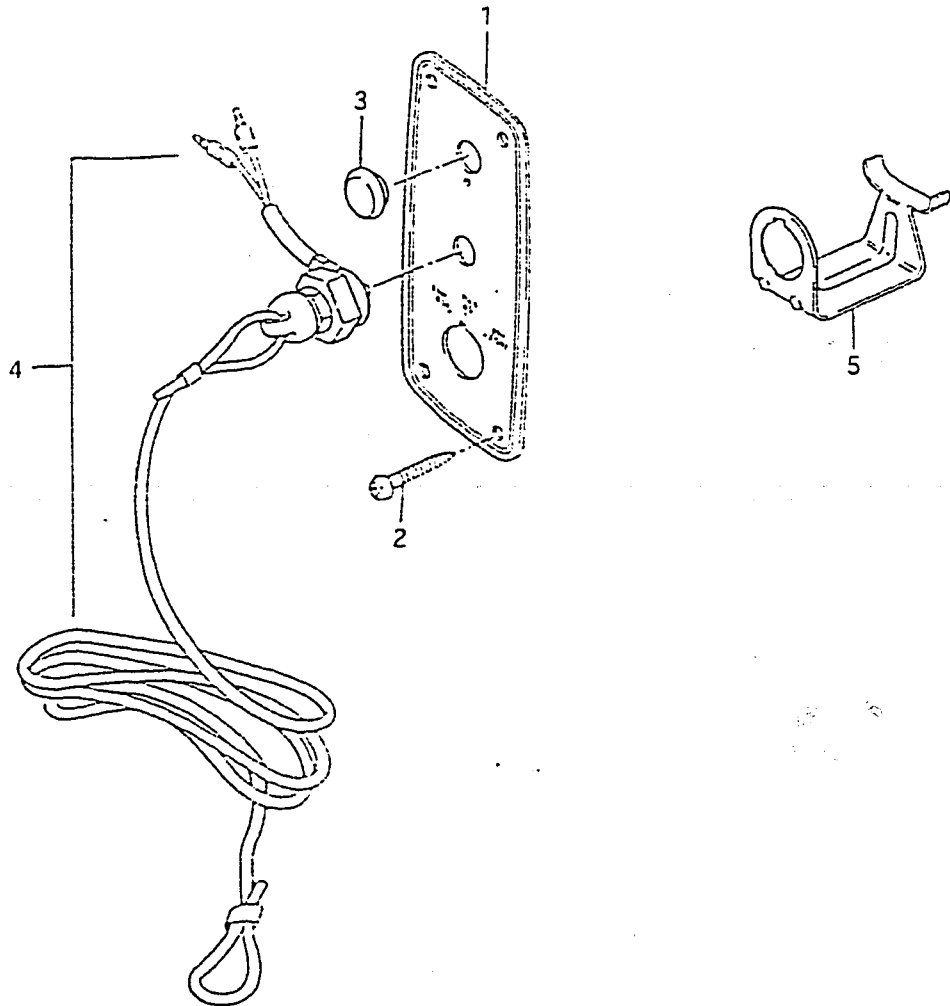
Revised 1 Nov.,84

Revised 1 Nov.,84

**FIG.42**

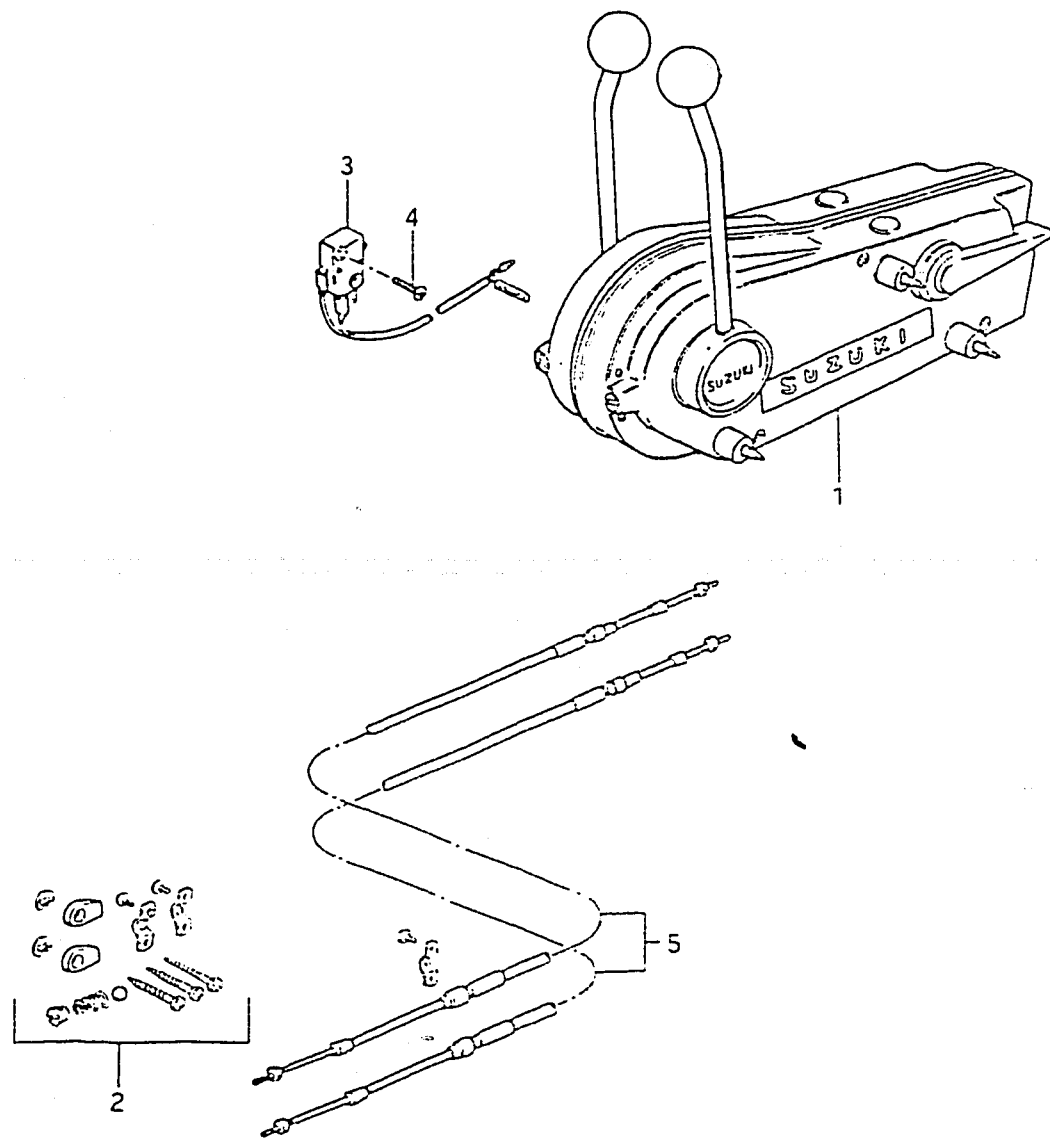
FIG.42 (F- 5) OPT : IGNITION

REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	37852-95550	PLATE, toggle switch	1	
2	03112-05129	SCREW	4	
3	37101-93310	CAP	1	
4	37820-95353	SWITCH ASSY, emergency	1	
5	37150-93350	HOLDER, wire	1	



**FIG. 43**

FIG. 43 (F-6) OPT : REMOTE CONTROL

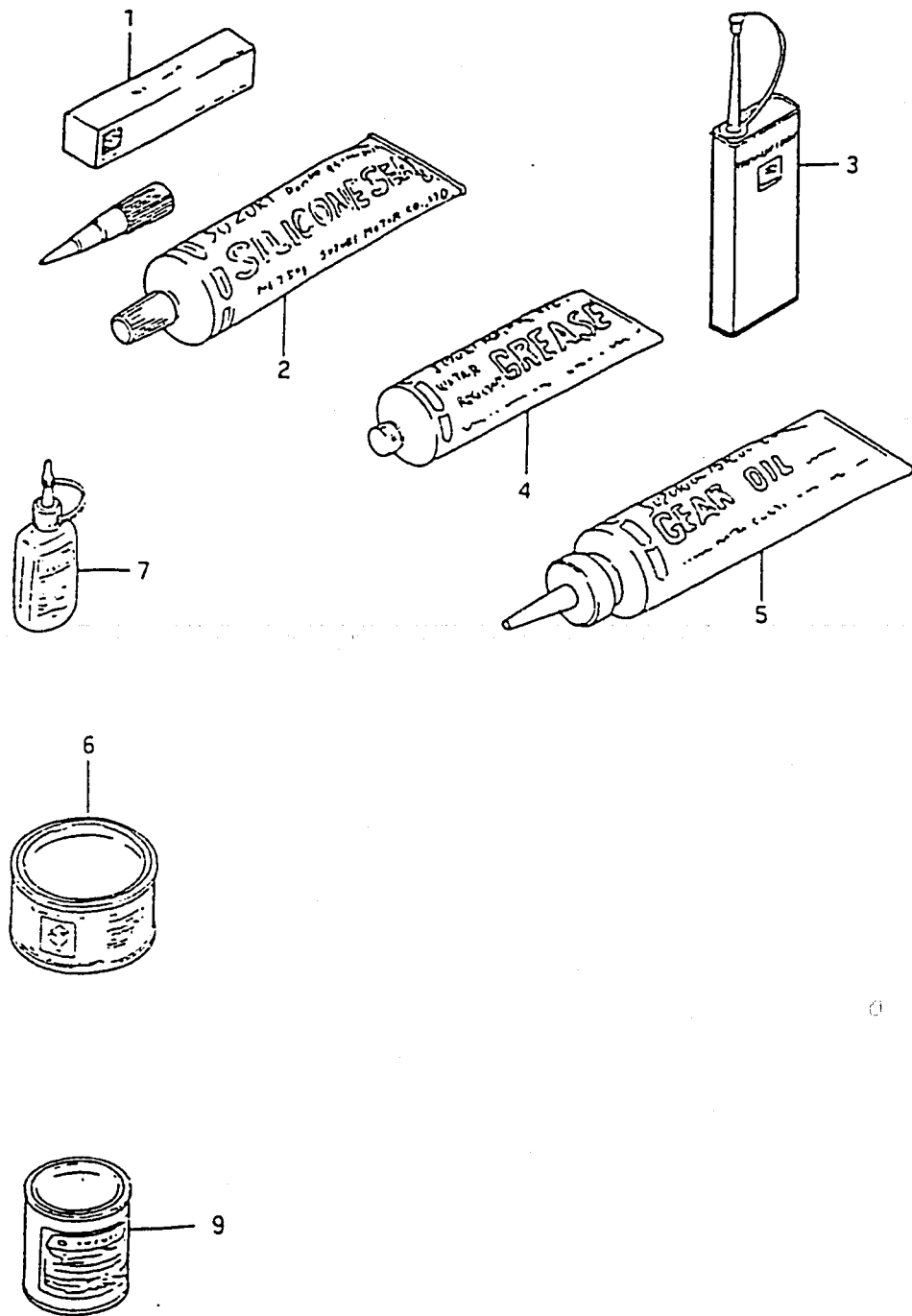


REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	67200-95871	REMOTE CONTROL BOX ASSY	1	
2	67300-95810	.HOLDER SET, cable	1	
3	37721-95500	.SWITCH ASSY, neutral	2	
4	02112-03128	.SCREW	4	
5-1	99105-00006	CABLE, remote control	2	L: 6 ft.
5-2	99105-00007	CABLE, remote control	2	L: 7 ft.
5-3	99105-00008	CABLE, remote control	2	L: 8 ft.
5-4	99105-00009	CABLE, remote control	2	L: 9 ft.
5-5	99105-00010	CABLE, remote control	2	L: 10 ft.
5-6	99105-00011	CABLE, remote control	2	L: 11 ft.
5-7	99105-00012	CABLE, remote control	2	L: 12 ft.
5-8	99105-00013	CABLE, remote control	2	L: 13 ft.
5-9	99105-00014	CABLE, remote control	2	L: 14 ft.
5-10	99105-00015	CABLE, remote control	2	L: 15 ft.
5-11	99105-00016	CABLE, remote control	2	L: 16 ft.
5-12	99105-00017	CABLE, remote control	2	L: 17 ft.
5-13	99105-00018	CABLE, remote control	2	L: 18 ft.
5-14	99105-00019	CABLE, remote control	2	L: 19 ft.
5-15	99105-00020	CABLE, remote control	2	L: 20 ft.
5-16	99105-00022	CABLE, remote control	2	L: 22 ft.

FIG. 44

FIG. 44 (F- 7) OPTIONAL

Q'TY



REF.NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1-1	99000-31010	LIQUID GASKET	1	for crankcase
1-2	99000-31120	SILICONE SEAL	1	50g, for gear case
2	99000-31050	SILICONE SEALANT	1	100g, for gear case
3	99000-32040	CEMENT, thread lock	1	200g
4-1	99000-25160	GREASE, water resistant	1	250g
4-2	99000-25170	GREASE, water resistant	1	50g
5	99000-22540	GEAR OIL, outboard motor	1	400cc
6	99000-25010	SUPER GREASE A	1	450g, for crank oil seal
7-1	99000-32050	THREAD LOCK CEMENT	1	50g (1342)
7-2	99000-32020	THREAD LOCK CEMENT, super	1	50g (1333B)
9-1	99000-10109-01T	PAINT (FRANCOIS WHITE)	1	90g
9-2	99000-10209-02M	PAINT (ARCTIC SILVER)	1	90g