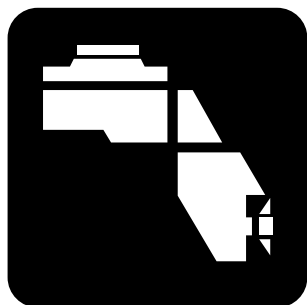




PARTS CATALOGUE

ME422STIP2 (N601)
ME422STIP1 (N611)

ME422STIP1/ME422STIP2
PARTS CATALOGUE
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FOREWORD

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

ME422STIP2 (N601)
ME422STIP1 (N611)

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

2. Abbreviations

The following abbreviations are used in this Parts Catalogue.

UR	Use size (thickness) and / or number as required.
UN	Use as many as needed.
AP	Alternate Parts
LM	Local Made
US	Under side
STD	Standard

3. Parts, which are to be supplied in the form of assemblies, are listed with an indentation of one letter's space, and a dot (.) is put against the name of each part.

EXAMPLE NOZZLE HOLDER ASSY
. NOZZLE ASSY
. SPRING, nozzle holder

4. Indication of No. of constituent parts for assembly

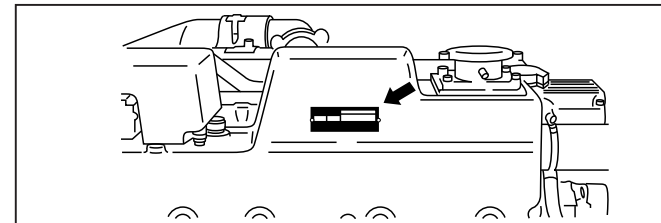
The numeral appearing to the right of each constituent part under the description indicates the quantity of such parts for each individual assembly unit.

EXAMPLE

Parts No.	Description	Q'ty	Remarks
716-11650-00	CONNECTING ROD ASSY	2	
716-11653-00	.BUSH, connecting rod	1	
716-11654-00	.BOLT, connecting rod	2	

5. Initial Serial No. and Color Code

MODEL NAME	MODEL CODE	Stating SERIAL NO.
ME422STIP2	N601	000101 and following
ME422STIP1	N611	000101 and following



Color Code	Color Name	Abbreviate
EK	METALLIC MARINE SILVER	MMS

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MOUNTING	D5
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VENTILATION	E1
WATER COOLER	E2
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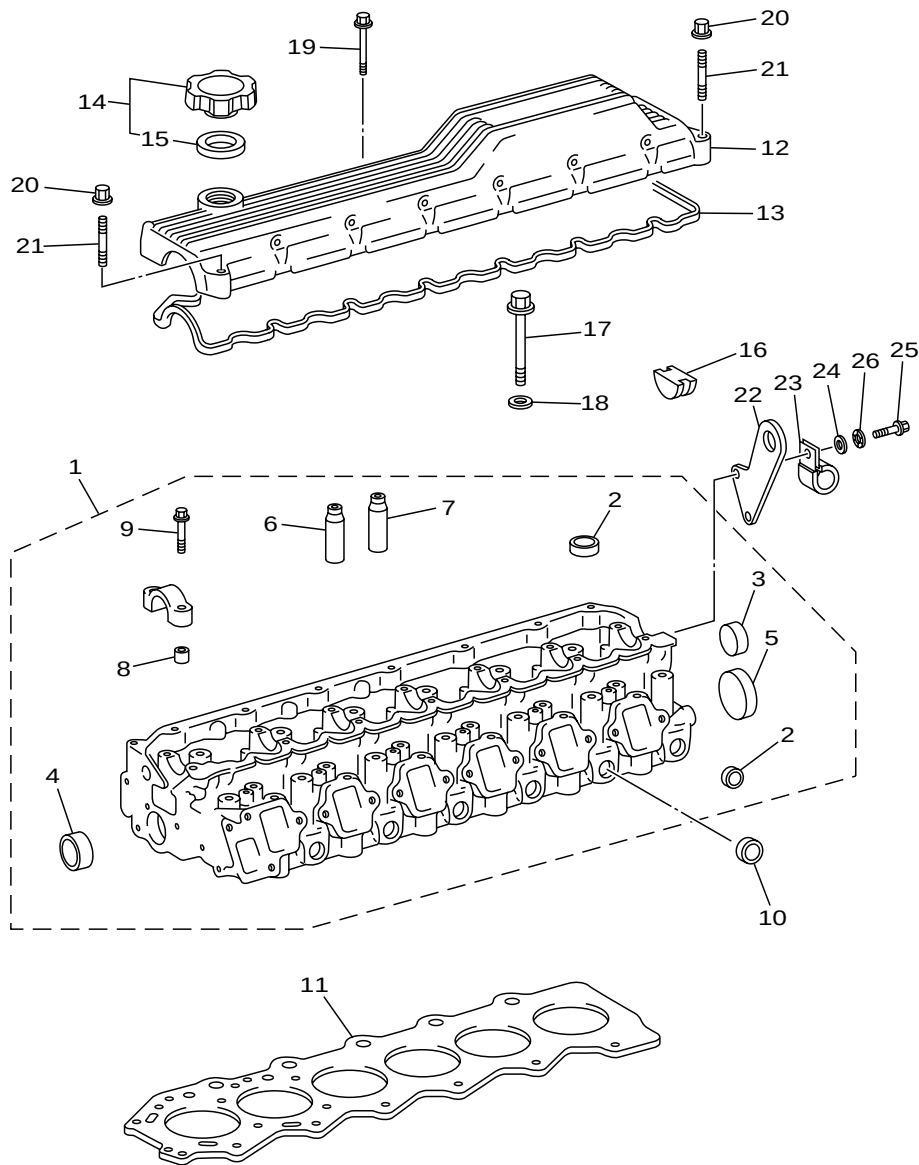


FIG. 1 CYLINDER HEAD

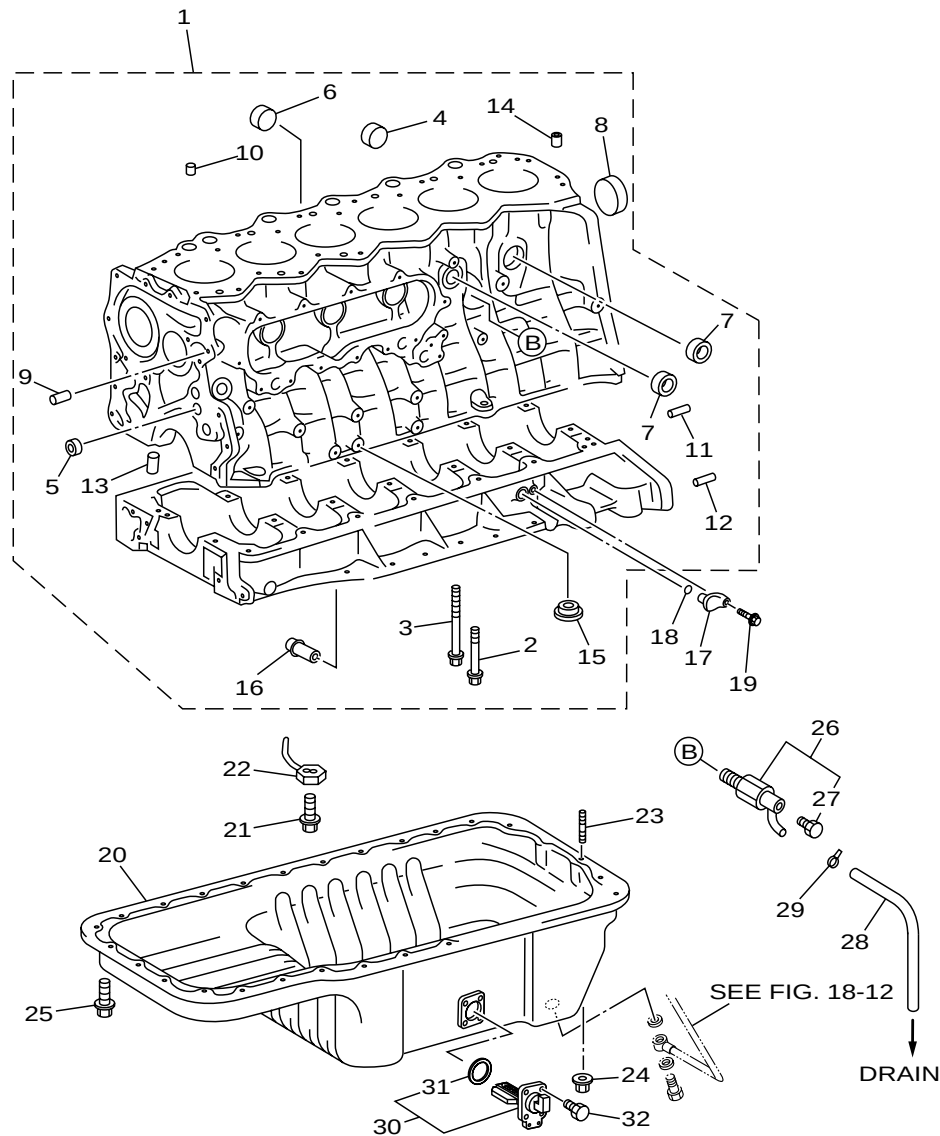
REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
1	YU1-11011-70-20	CYLINDER HEAD	1	1		
2	YU9-64114-25-00	.TIGHT PLUG (NO.1)	10	10		
3	YU9-64114-35-00	.TIGHT PLUG (NO.2)	1	1		
4	YU9-64114-40-00	.TIGHT PLUG (NO.3)	2	2		
5	YU9-64114-45-00	.TIGHT PLUG (NO.4)	1	1		
6	YU1-11221-70-20	.VALVE GUIDE INTAKE BUSHING	6	6		STD
	YU1-11231-70-20	.VALVE GUIDE INTAKE BUSHING	6	6		AP O/S 0.05
7	YU1-11221-70-20	.VALVE GUIDE INTAKE BUSHING	6	6		STD
	YU1-11231-70-20	.VALVE GUIDE INTAKE BUSHING	6	6		AP O/S 0.05
8	YU9-02531-10-21	.OIL SEAL RETAINER RING PIN	14	14		L=8,OD=11
9	YU9-01190-87-89	.BEARING CAP BOLT	14	14		
10	YU9-64114-25-00	TIGHT PLUG (NO.1)	1	1		
11	YU0-00000-01	CYLINDER HEAD GASKET (MARK:1)	1	1		UR(111151701001)
	YU0-00000-02	CYLINDER HEAD GASKET (MARK:3)	1	1		UR(111151701003)
	YU0-00000-03	CYLINDER HEAD GASKET (MARK:5)	1	1		UR(111151701005)
12	YU1-12011-70-10	CYLINDER HEAD COVER	1	1		
13	YU1-12131-70-10	CYLINDER HEAD COVER GASKET	1	1		
14	YU1-21805-50-10	OIL FILLER CAP	1	1		
15	YU9-04303-70-04	.OIL FILLER CAP GASKET	1	1		
16	YU1-11835-40-11	SEMICIRCULAR PLUG	1	1		
17	YU9-09100-20-96	CYLINDER HEAD BOLT	26	26		
18	YU9-02011-10-32	CYLINDER HEAD WASHER PLATE	26	26		
19	YU9-01050-61-38	BOLT	14	14		
20	YU9-01790-61-99	NUT	2	2		
21	YU9-21226-06-35	BOLT STUD	2	2		
22	6TA-1111E-01	HANGER, ENGINE 2	1	1		
23	90461-10091	CLAMP	1	1		
24	92907-10200	WASHER, PLAIN	1	1		
25	97327-10055	BOLT	2	2		
26	92907-10700	WASHER	2	2		



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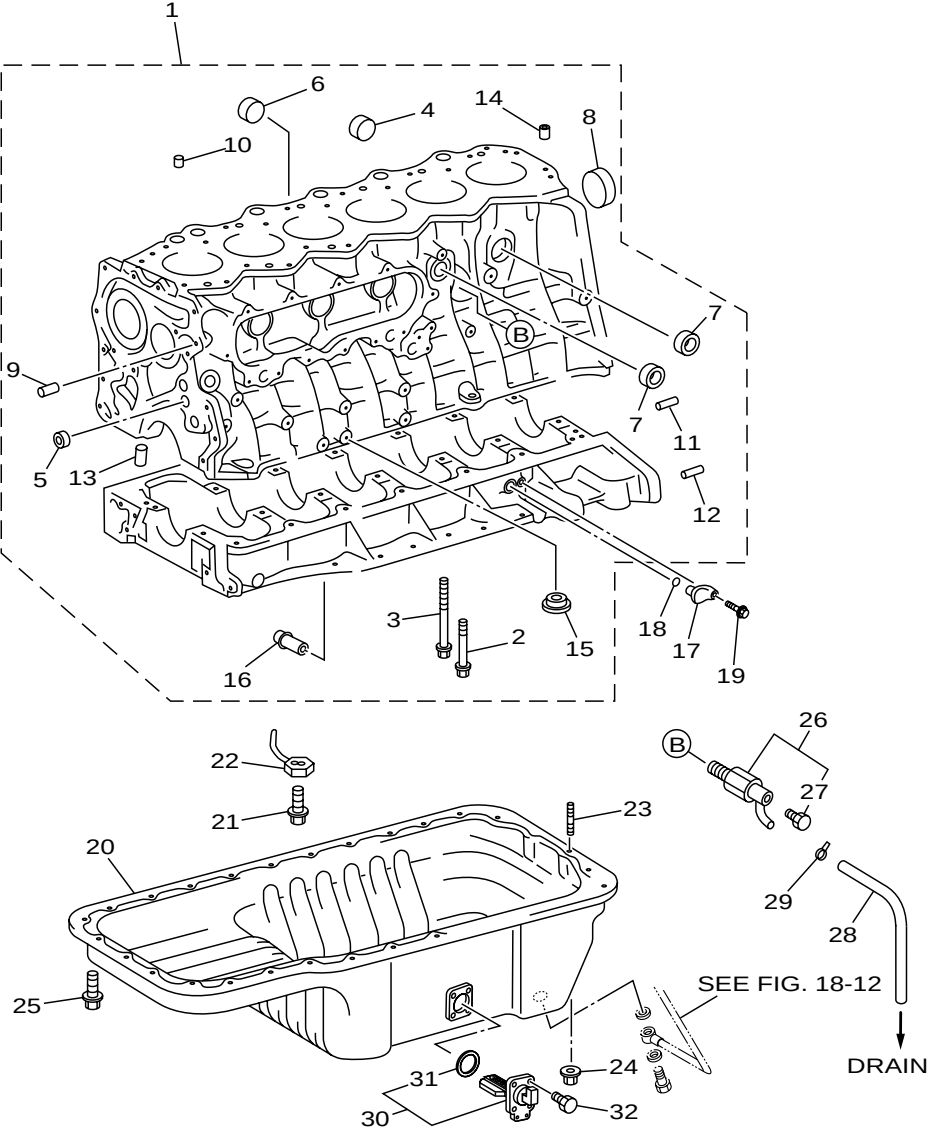
FIG. 2 CYLINDER BLOCK



REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	YU1-14011-97-98	CYLINDER BLOCK	1	1				
2	YU9-01190-81-82	.CRANKSHAFT BEARING CAP BOLT	15	15				
3	YU9-09100-20-98	.CRANKSHAFT BEARING CAP BOLT	14	14				
4	YU9-03313-50-02	.TIGHT PLUG CYL BLOCK (NO.1)	3	3				
5	YU9-64114-18-00	.TIGHT PLUG CYL BLOCK (NO.2)	4	4				
6	YU9-64114-25-00	.TIGHT PLUG CYL BLOCK (NO.3)	1	1				
7	YU9-64114-35-00	.TIGHT PLUG CYL BLOCK (NO.4)	6	6				
8	YU9-64114-50-00	.TIGHT PLUG CYL BLOCK (NO.5)	2	2				
9	YU9-02500-81-20	.TIMING GEAR COVER STRAIGHT PIN	2	2				L=18,OD=8
10	YU9-02500-80-74	.CYLINDER HEAD STRAIGHT PIN	2	2				L=15,OD=8
11	YU9-02500-60-68	.STRAIGHT PIN	2	2				L=11,OD=6
12	YU9-02500-80-54	.TIMING GEAR CASE STRAIGHT PIN	2	2				L=23,OD=8
13	YU9-02501-20-06	.OIL PAN STRAIGHT PIN	2	2				
14	YU1-14481-70-10	.CYLINDER BLOCK OIL ORIFICE	1	1				
15	YU1-14971-70-10	.CYLINDER BLOCK OIL HOLE GASKET	1	1				
16	YU1-22581-70-10	.OIL RETURN PIPE	1	1				
17	YU1-14446-70-20	PLUG, HOLE	1	1				
18	YU9-67212-40-14	O-RING	1	1				
19	YU9-15116-06-14	BOLT, WITH WASHER	1	1				
20	YU1-21011-70-30	OIL PAN	1	1				
21	YU1-56051-70-30	OIL CHECK VALVE	6	6				
22	YU1-57081-70-10	OIL NOZZLE (NO.1)	6	6				
23	YU9-01160-61-31	BOLT, STUD	3	3				
24	YU9-01790-62-22	NUT	3	3				
25	YU9-01190-66-00	BOLT	27	27				
26	YU9-09100-90-75	COCK SUB-ASSY, WATER DRAIN	1	1				
27	YU9-09100-90-87	.WATER DRAIN COCK PLUG	1	1				

FIG. 2 CYLINDER BLOCK

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
28	6TA-85828-00	HOSE, DRAIN 1	1	1		
29	90467-09006	CLIP	1	1		
30	YU8-94913-60-80	SENDER OIL LEVEL	1	1		
31	YU9-04302-70-01	.SEAL, RING	1	1		
32	YU9-33851-60-14	SCREW, WITH WASHER	2	2		



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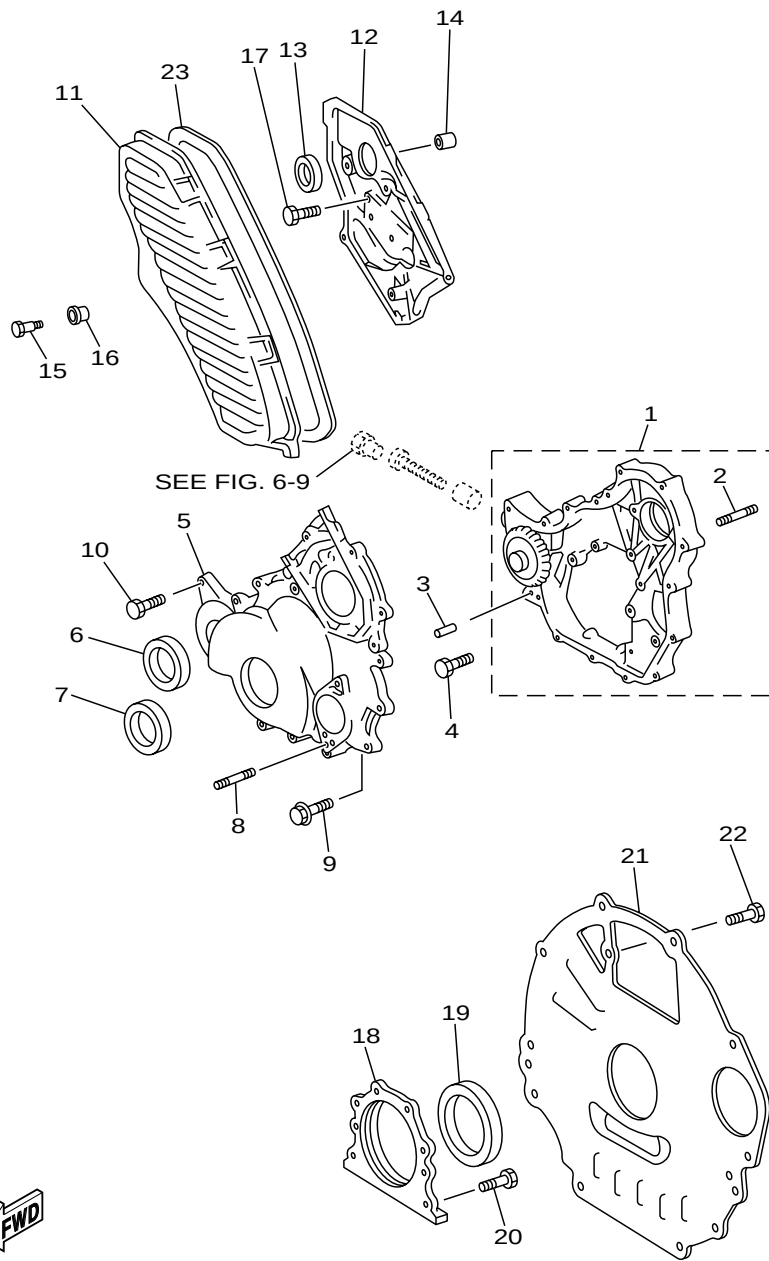
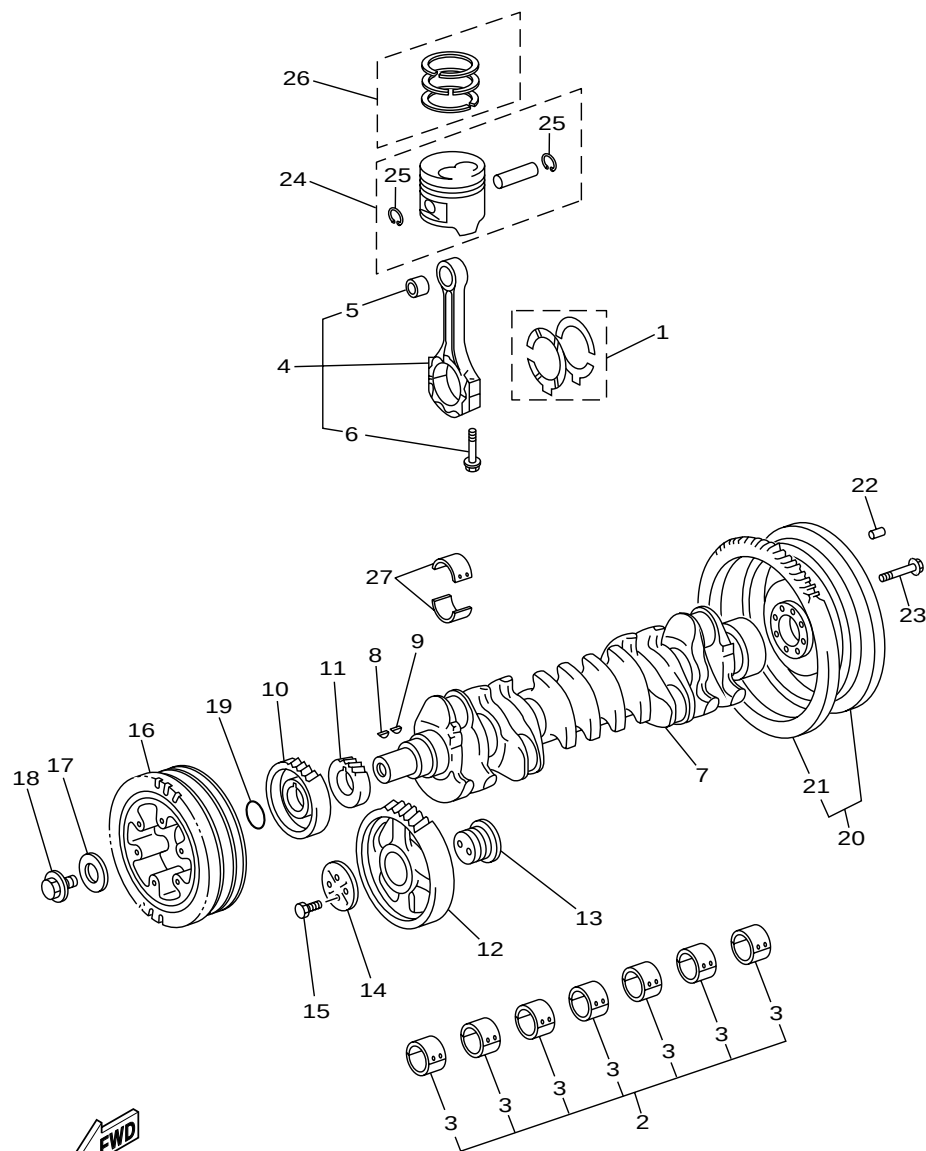


FIG. 3 TIMING GEAR COVER & REAR END

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1			REMARKS
1	YU1-13011-70-21	TIMING GEAR CASE	1	1			
2	YU1-51831-70-10	.BOLT, STUD	2	2			
3	YU9-02500-80-54	TIMING GEAR CASE STRAIGHT PIN	1	1			L=23,OD=8
4	YU9-15116-08-20	BOLT	7	7			
5	YU1-13221-70-11	TIMING GEAR COVER (NO.2)	1	1			
6	YU9-03115-80-06	TIMING GEAR COVER OIL SEAL	1	1			NO.1
7	YU9-03115-80-07	TIMING GEAR COVER OIL SEAL	1	1			NO.2
8	YU9-01161-01-60	TIMING GEAR CASE STUD BOLT	2	2			
9	YU9-15116-08-25	BOLT	9	9			
10	YU9-15116-08-55	BOLT	6	6			
11	YU1-13211-70-30	TIMING BELT COVER	1	1			
12	YU1-13821-70-10	CAMSHAFT OIL SEAL RETAINER	1	1			
13	YU9-03113-20-19	OIL SEAL	1	1			
14	YU9-02531-10-21	OIL SEAL RETAINER RING PIN	2	2			L=8,OD=11
15	YU9-01090-60-46	BOLT	3	3			
16	YU9-02100-80-19	SPACER	3	3			
17	YU9-15116-08-20	BOLT	4	4			
18	YU1-13811-70-10	ENGINE REAR OIL SEAL RETAINER	1	1			
19	YU9-03119-50-08	ENGINE REAR OIL SEAL	1	1			
20	YU9-11116-06-16	BOLT	6	6			
21	YU1-13551-70-11	REAR END PLATE	1	1			
22	YU9-16216-08-14	BOLT	1	1			
23	YU1-13281-70-30	GASKET	1	1			

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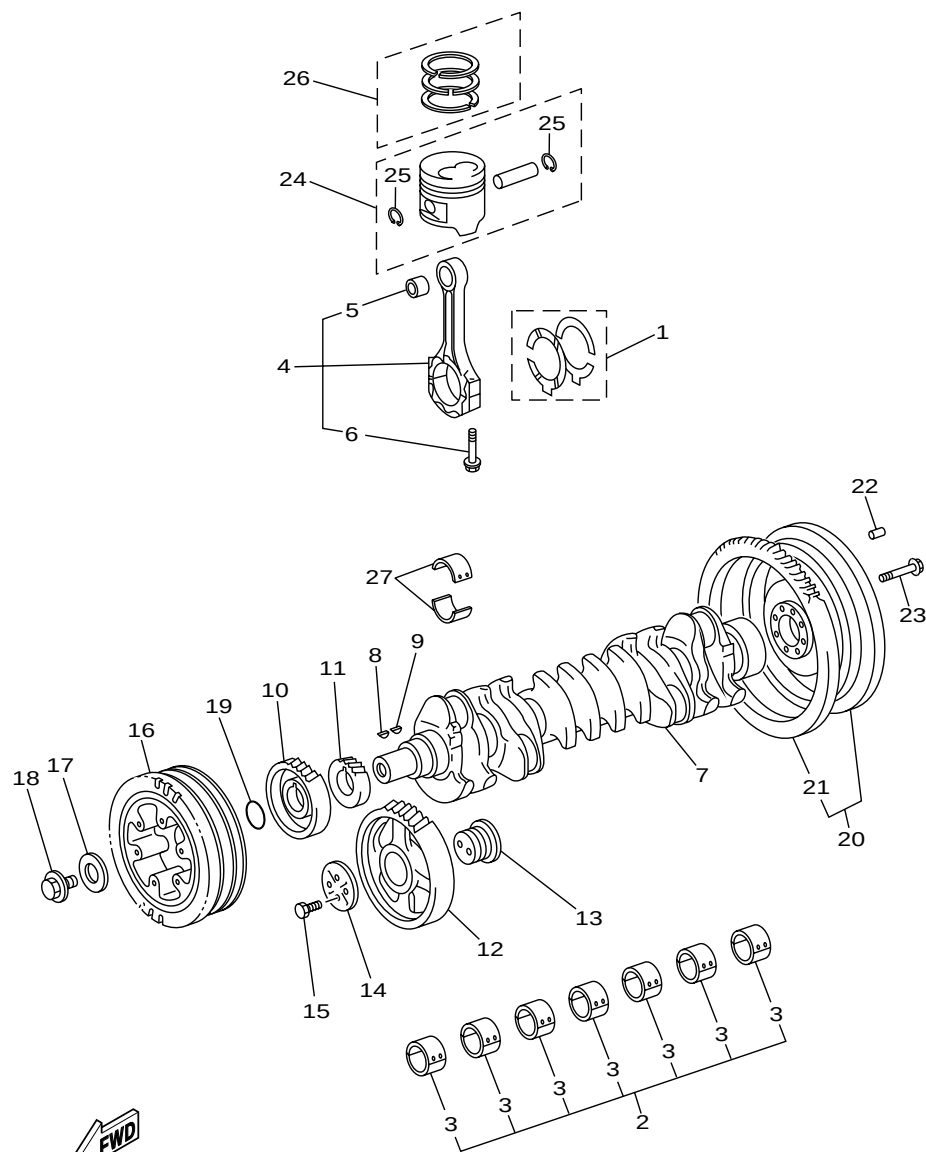


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FIG. 4 CRANKSHAFT & PISTON

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
1	YU1-10111-70-10	CRANKSHAFT THRUST WASHER SET	1	1		
2	YU1-17041-70-11	CRANKSHAFT BEARING SET	1	1		UR U/S 0.25
	YU1-17051-70-11	CRANKSHAFT BEARING SET	1	1		UR U/S 0.50
3	YU0-00000-14	.CRANKSHAFT BEARING (MARK 2)	7	7		UR(117011701102)
	YU0-00000-15	.CRANKSHAFT BEARING (MARK 3)	7	7		UR(117011701103)
	YU0-00000-16	.CRANKSHAFT BEARING (MARK 4)	7	7		UR(117011701104)
	YU0-00000-17	.CRANKSHAFT BEARING (MARK 5)	7	7		UR(117011701105)
	YU0-00000-18	.CRANKSHAFT BEARING (MARK 6)	7	7		UR(117011701106)
	YU0-00000-19	.CRANKSHAFT BEARING (MARK 7)	7	7		UR(117011701107)
4	YU1-32011-70-22	CONNECTING ROD	6	6		
5	YU9-09997-31-37	.CON-ROD SMALL END BUSHING	1	1		
6	YU1-32651-70-10	.CON-ROD BOLT	2	2		
7	YU1-34111-70-11	CRANKSHAFT	1	1		
8	YU9-51613-05-16	CRANKSHAFT PULLEY KEY	1	1		
9	YU9-51613-05-16	CRANKSHAFT PULLEY KEY	1	1		
10	YU1-35221-70-10	PUMP DRIVESHAFT GEAR	1	1		
11	YU1-35211-70-10	CRANKSHAFT TIMING GEAR	1	1		
12	YU1-35251-70-10	IDLE GEAR	1	1		
13	YU1-35811-70-11	IDLE GEAR SHAFT	1	1		
14	YU1-35721-70-21	PLATE, THRUST 1	1	1		
15	YU9-01051-03-47	BOLT	2	2		
16	6TA-11021-00	PULLEY,CLANKSHAFT 1	1	1		
17	YU9-02012-70-01	CRANKSHAFT PULLEY PLATE WASHER	1	1		
18	YU9-01052-40-01	CRANKSHAFT PULLEY BOLT	1	1		
19	YU9-67213-50-42	O-RING	1	1		
20	YU1-34051-70-20	FLYWHEEL	1	1		
21	YU1-34531-70-10	.FLYWHEEL RING GEAR	1	1		

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FIG. 4 CRANKSHAFT & PISTON

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
22	YU9-02501-01-92	FLYWHEEL STRAIGHT PIN	2	2		L=15,OD=5
23	YU9-01051-21-69	FLYWHEEL BOLT	8	8		
24	N51-W1163-01-10	PISTON WITH PIN (STD)	6	6		UR MARK 1
	N51-W1163-01-20	PISTON WITH PIN (STD)	6	6		UR MARK 2
	N51-W1163-01-30	PISTON WITH PIN (STD)	6	6		UR MARK 3
25	93420-36087	.CIRCLIP	2	2		
26	6TA-11603-00	PISTON RING SET (STD)	6	6		
27	6TA-11656-00	PLANE BEARING, CON-ROD (#2)	1	1		UR MARK 2
	6TA-11656-10	PLANE BEARING, CON-ROD (#3)	1	1		UR MARK 3
	6TA-11656-20	PLANE BEARING, CON-ROD (#4)	1	1		UR MARK 4
	6TA-11656-30	PLANE BEARING, CON-ROD (#5)	1	1		UR MARK 5
	6TA-11656-40	PLANE BEARING, CON-ROD (#6)	1	1		UR MARK 6

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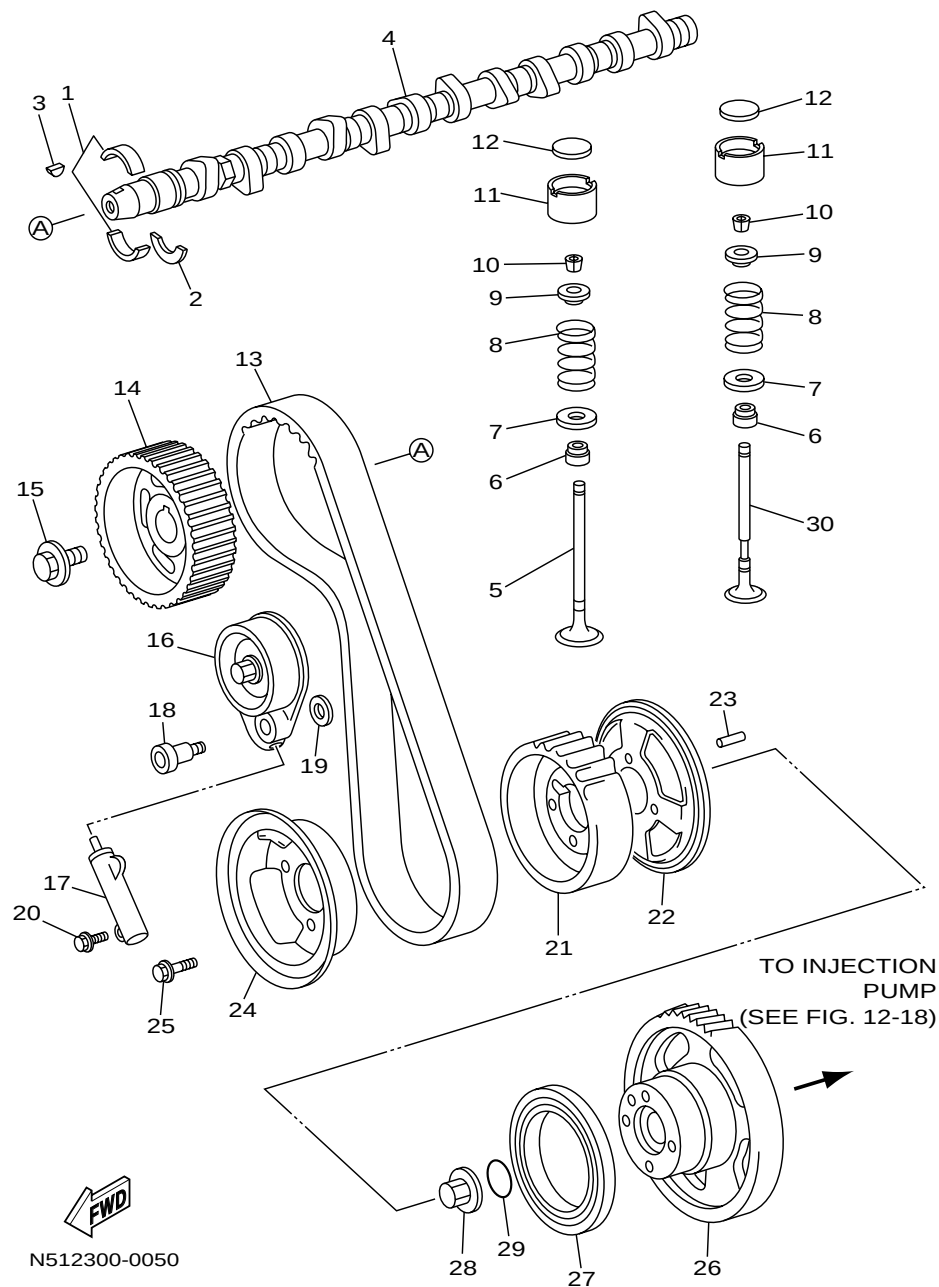


FIG. 5 CAMSHAFT & VALVE

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
1	YU1-18011-70-10	CAMSHAFT BEARING SET	1	1		
2	YU1-35711-70-10	CAMSHAFT THRUST PLATE	1	1		
3	YU9-02800-50-04	TIMING GEAR WOODRUFF KEY	1	1		
4	YU1-35011-70-20	CAMSHAFT	1	1		
5	YU1-37111-70-10	INTAKE VALVE	6	6		
6	YU9-09130-21-09	VALVE STEM OIL SEAL	12	12		
7	YU9-02012-30-03	VALVE SPRING SEAT PLATE WASHER	12	12		
8	YU9-05044-90-01	INNER COMPRESSION SPRING	12	12		
9	YU1-37415-40-20	VALVE SPRING RETAINER	12	12		
10	YU9-09130-30-14	VALVE SPRING RETAINER LOCK	24	24		
11	YU1-37515-40-10	VALVE LIFTER	12	12		
12	YU1-37531-70-40	VALVE ADJUSTING SHIM (T=2.40)	1	1		UR
	YU1-37531-70-90	VALVE ADJUSTING SHIM (T=2.35)	1	1		UR
	YU1-37531-71-00	VALVE ADJUSTING SHIM (T=2.45)	1	1		UR
	YU1-37535-40-10	VALVE ADJUSTING SHIM (T=2.50)	1	1		UR
	YU1-37535-41-60	VALVE ADJUSTING SHIM (T=2.80)	1	1		UR
	YU1-37535-42-10	VALVE ADJUSTING SHIM (T=2.90)	1	1		UR
	YU1-37535-42-60	VALVE ADJUSTING SHIM (T=3.00)	1	1		UR
	YU1-37535-43-10	VALVE ADJUSTING SHIM (T=3.10)	1	1		UR
	YU1-37535-43-60	VALVE ADJUSTING SHIM (T=3.20)	1	1		UR
	YU1-37535-44-10	VALVE ADJUSTING SHIM (T=3.30)	1	1		UR
	YU1-37535-44-20	VALVE ADJUSTING SHIM (T=2.55)	1	1		UR
	YU1-37535-44-30	VALVE ADJUSTING SHIM (T=2.65)	1	1		UR
	YU1-37535-44-40	VALVE ADJUSTING SHIM (T=2.75)	1	1		UR
	YU1-37535-44-50	VALVE ADJUSTING SHIM (T=2.85)	1	1		UR
	YU1-37535-44-60	VALVE ADJUSTING SHIM (T=2.95)	1	1		UR
	YU1-37535-44-70	VALVE ADJUSTING SHIM (T=3.05)	1	1		UR
	YU1-37535-44-80	VALVE ADJUSTING SHIM (T=3.15)	1	1		UR

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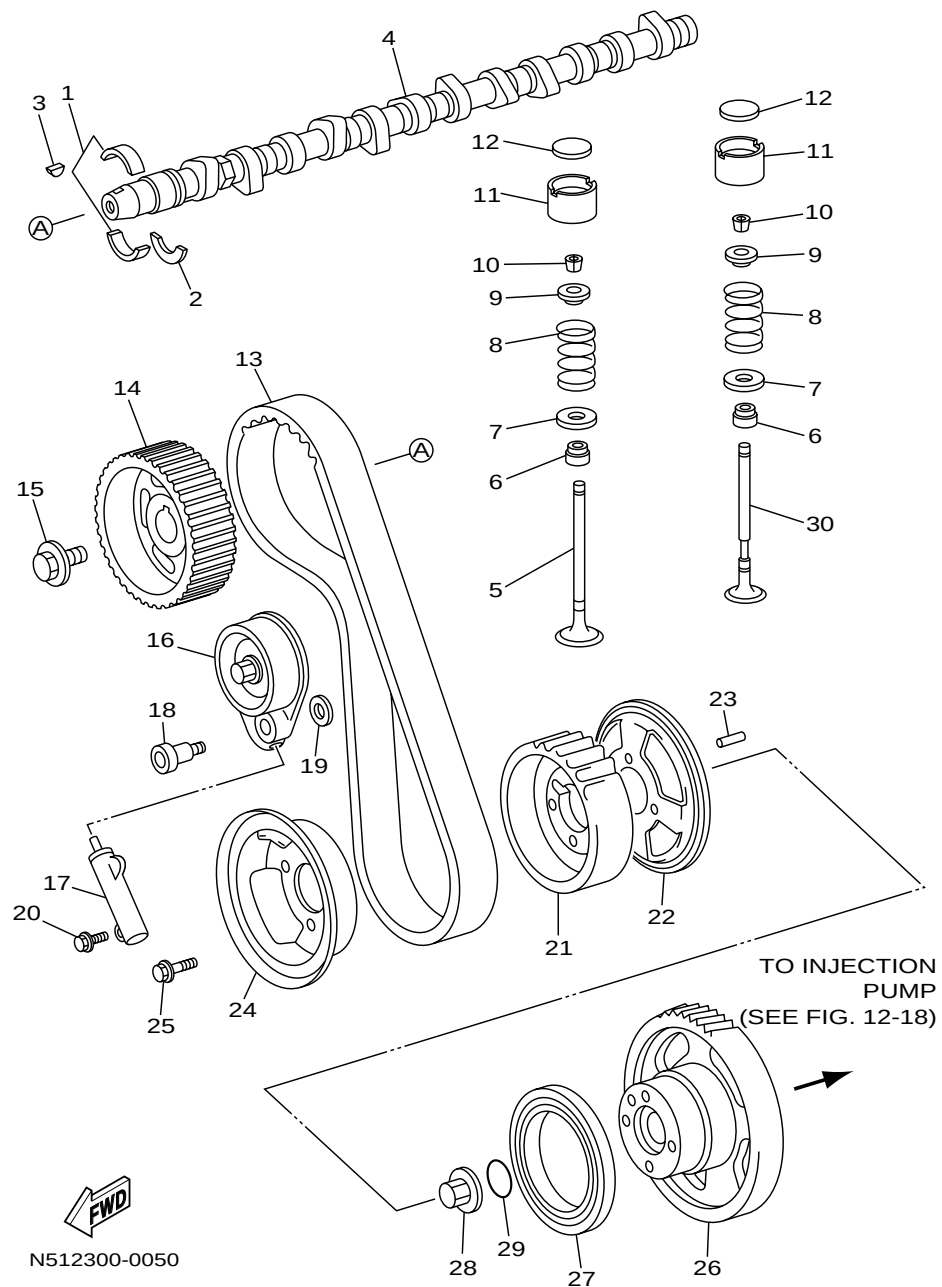
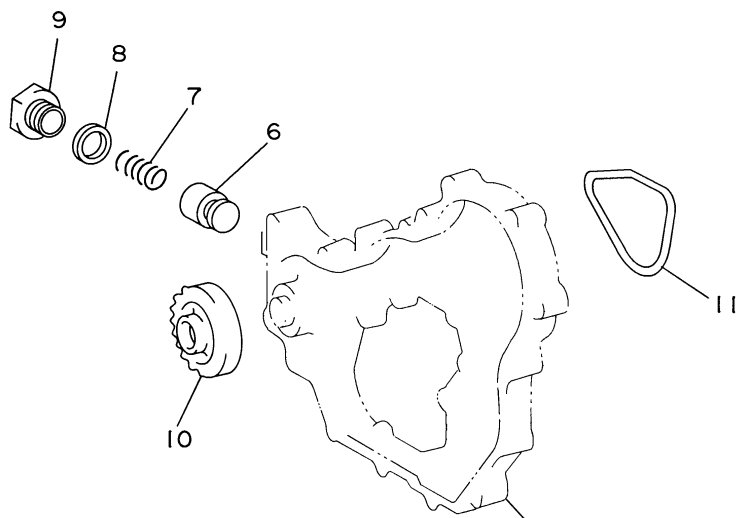


FIG. 5 CAMSHAFT & VALVE

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
13	YU1-35681-70-30	TIMING BELT	1	1				
14	YU1-35231-70-10	CAMSHAFT TIMING PULLEY	1	1				
15	YU9-01191-40-36	BOLT	1	1				
16	YU1-35051-70-20	TIMING BELT IDLER	1	1				
17	YU1-35401-70-11	TENSIONER ASSY, TIMING BELT	1	1				
18	YU1-35561-70-10	SHAFT, TIMING BELT IDLER	1	1				
19	YU9-02011-20-73	WASHER, PLATE	1	1				
20	YU9-15118-06-20	BELT, FLANGE	1	1				
21	YU1-35281-70-10	CAMSHAFT DRIVE GEAR	1	1				
22	YU1-35851-70-10	CAMSHAFT TIMING PULLEY FLANGE	1	1				NO.1 INNER
23	YU9-02500-60-68	STRAIGHT PIN	1	1				L=11,OD=6
24	YU1-35861-70-10	CAMSHAFT TIMING PULLEY FLANGE	1	1				NO.2 OUTER
25	YU9-01050-81-00	BOLT	4	4				
26	YU1-36131-70-10	INJECTION PUMP DRIVE GEAR	1	1				
27	YU9-03636-00-04	RADIAL BALL BEARING	1	1				
28	YU9-01761-40-02	NUT	1	1				
29	YU9-03012-30-05	O-RING	1	1				
30	YU1-37151-70-10	VALVE, EXHAUST	6	6				



TO CYLINDER BLOCK
(SEE FIG.2-1)

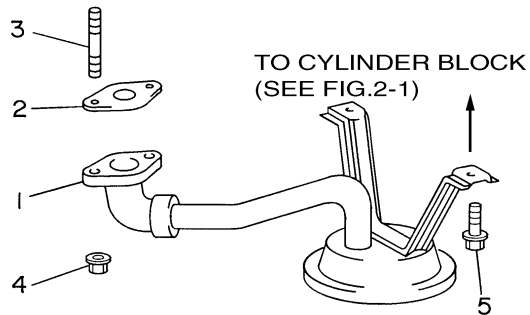


FIG. 6 OIL PUMP

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	YU1-51041-70-40	OIL STRAINER	1	1				
2	YU1-51491-70-10	OIL STRAINER FLANGE GASKET	1	1				
3	YU9-01160-61-48	BOLT,STUD	2	2				
4	YU9-01790-62-22	NUT	2	2				
5	YU9-01190-66-00	BOLT	1	1				
6	YU1-51311-70-10	OIL PUMP RELIEF VALVE	1	1				
7	YU1-51321-70-10	OIL PUMP RELIEF VALVE SPRING	1	1				
8	YU1-51346-70-20	OIL PUMP RELIEF VALVE GASKET	1	1				
9	YU1-51331-70-10	OIL PUMP RELIEF VALVE PLUG	1	1				
10	YU1-51631-70-10	OIL PUMP DRIVESHAFT GEAR	1	1				
11	YU1-51931-70-10	OIL PUMP GASKET	1	1				



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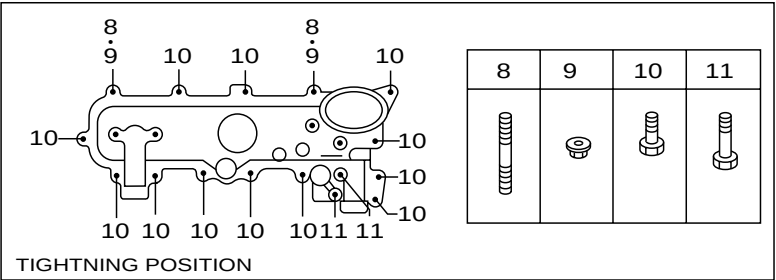
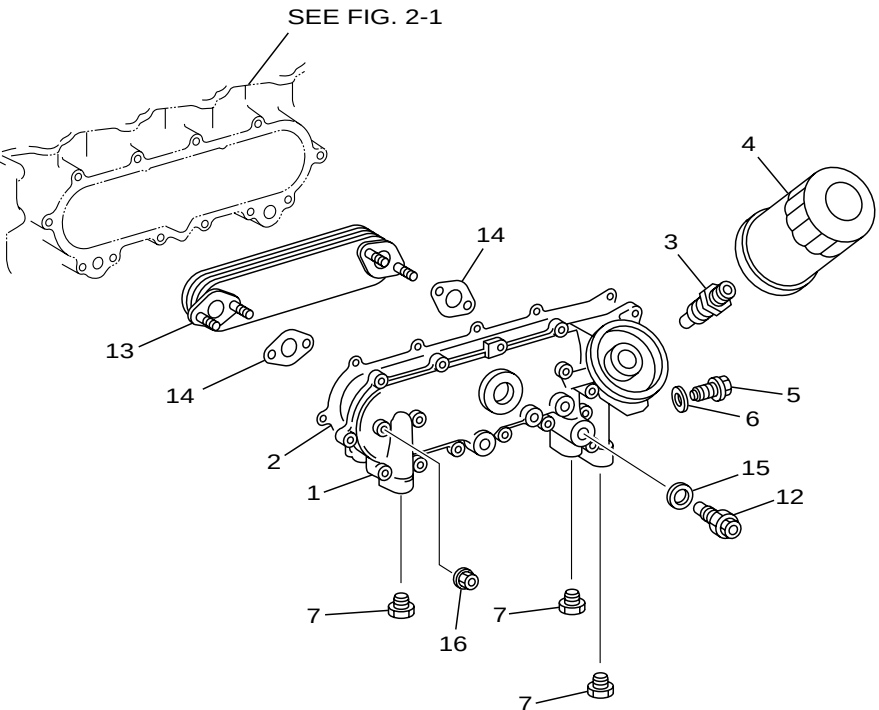


FIG. 7 OIL FILTER & COOLER

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	YU1-57211-70-12	OIL COOLER COVER	1	1				
2	YU1-57251-70-10	OIL FILTER GASKET	1	1				
3	YU1-51165-40-21	SCREW, OIL CLEANER SET	1	1				
4	YU9-09153-00-02	OIL FILTER	1	1				
5	YU1-56051-70-20	OIL CHECK VALVE	1	1				
6	YU9-04301-30-02	GASKET	1	1				
7	YU9-64114-20-00	PLUG, TIGHT	3	3				
8	YU9-21226-08-20	BOLT, STUD	2	2				
9	YU9-01790-80-40	NUT	2	2				
10	YU9-15116-08-20	BOLT	12	12				
11	YU9-15116-08-40	BOLT, FLANGE	2	2				
12	YU1-56906-40-10	OIL COOLER RELIEF VALVE ASSY	1	1				
13	YU1-57101-70-10	OIL COOLER ASSY	1	1				
14	YU1-57851-70-10	OIL COOLER GASKET	2	2				
15	YU9-04302-20-03	GASKET	1	1				
16	YU9-01790-80-40	NUT	4	4				



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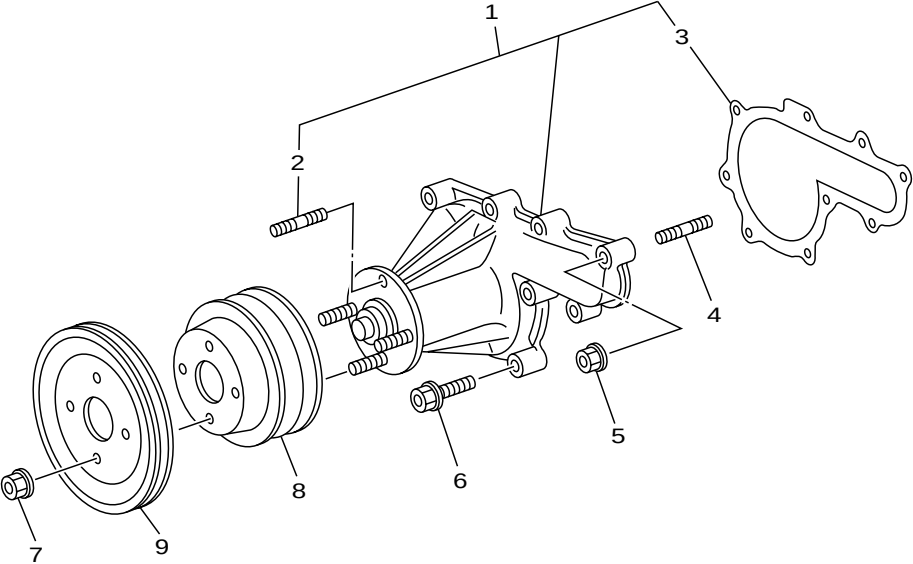


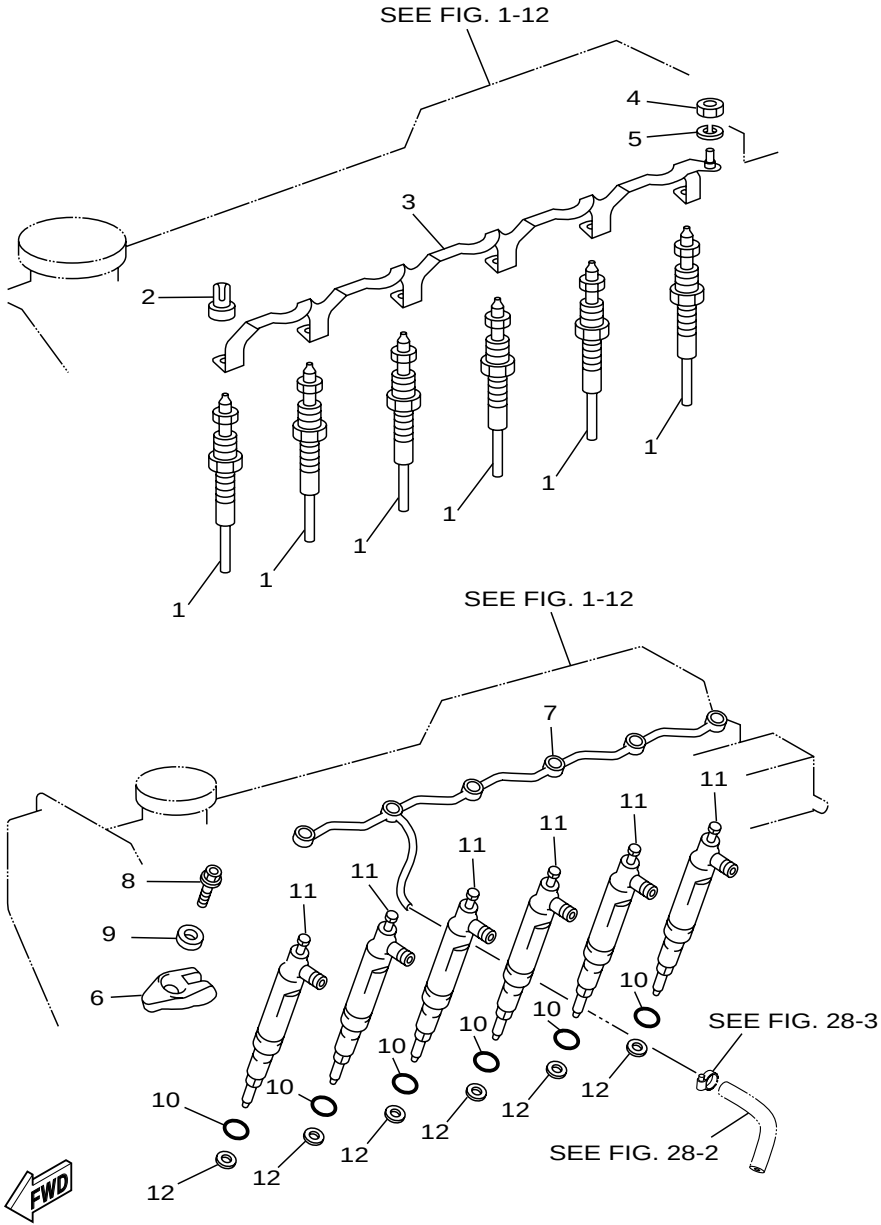
FIG. 8 WATER PUMP

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	YU1-61001-92-35	WATER PUMP ASSY	1	1				
2	YU9-01160-81-12	.BOLT,STUD	4	4				
3	YU1-62711-70-10	.WATER PUMP GASKET	1	1				
4	YU9-21226-08-32	BOLT STUD	2	2				
5	YU9-01790-80-40	NUT	2	2				
6	YU9-15116-08-30	BOLT	5	5				
7	YU9-01790-82-10	NUT	4	4				
8	YU1-63711-70-10	FAN PULLEY	1	1				
9	6TA-12442-00	PULLEY 2	1	1				


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FIG. 9 INJECTION NOZZLE

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	YU1-98506-40-31	GLOW PLUG ASSY	6	6				SEEFIG.10 DENSO (093500-7440)
2	YU9-01890-40-24	GLOW PLUG SCREN GROMMET	6	6				
3	YU1-98711-70-21	GLOW PLUG CONNECTOR (NO.1)	1	1				
4	95307-04600	NUT	1	1				
5	92907-04100	WASHER, SPRING	1	1				
6	YU2-36951-70-10	NOZZLE HOLDER CLAMP	6	6				
7	YU2-37611-70-20	NOZZLE LEAKAGE PIPE ASSY	1	1				
8	YU9-01051-02-92	BOLT	6	6				
9	YU9-02092-20-06	WASHER	6	6				
10	YU9-67112-40-19	O-RING	6	6				
11	N51-12850-00	NOZZLE HOLDER ASSY	6	6				
12	N18-12864-00	GASKET,INJECTION NZZLE	6	6				



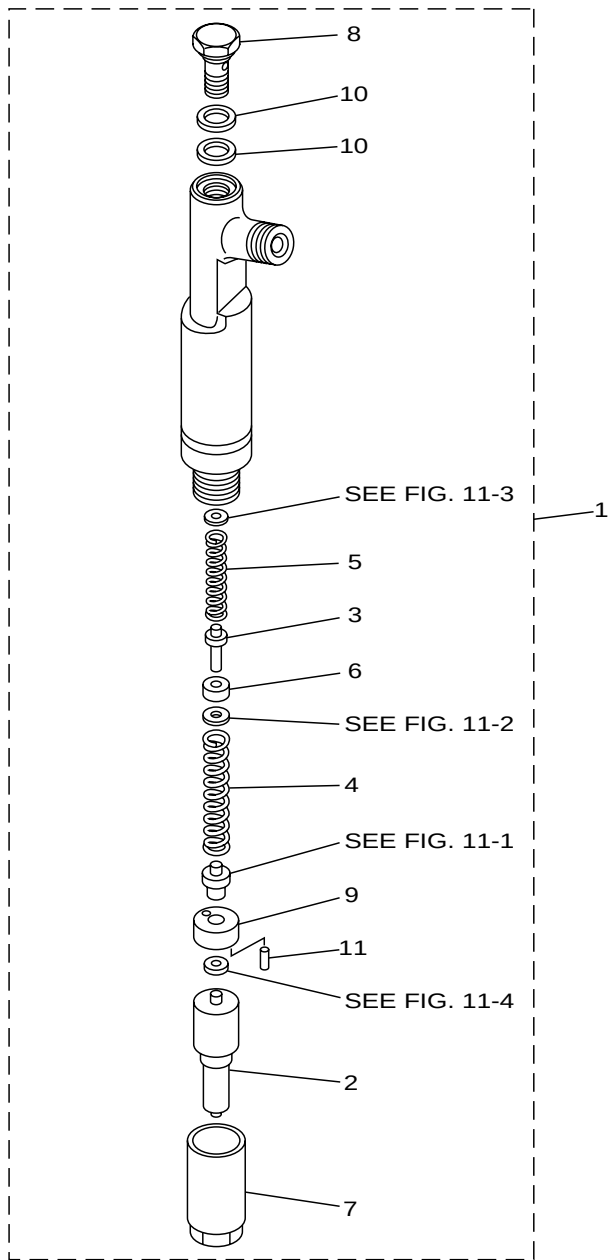


FIG. 10 FUEL INJECTION NOZZLE

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
1	N51-12850-00	NOZZLE HOLDER ASSY	6	6		DENSO(093500-7440) SEE FIG.9-1
2	N51-12862-00	.NOZZLE ASSY.	1	1		(093400-7510)
3	N51-12853-00	.PIN, NOZZLE HOLDER	1	1		(093121-0600)
4	6TA-12854-00	.SPRING, NOZZLE HOLDER	1	1		(093127-0410)
5	N51-12854-00	.SPRING, NOZZLE HOLDER	1	1		(093127-0540)
6	N51-12828-00	.SEAT, SPRING UPPER	1	1		(093128-0110)
7	N51-12852-00	.NUT, NOZZLE RETAINER	1	1		(093164-1660)
8	6TA-12858-00	.BOLT, UNION 2	1	1		(093166-0080)
9	N51-12855-00	.PIECE, DISTANCE	1	1		(093221-0180)
10	716-12857-00	.WASHER, COPPER PLATE	2	2		(949018-1020)
11	N51-13191-00	.PIPE, DELIVERY 4	2	2		(949082-3650)

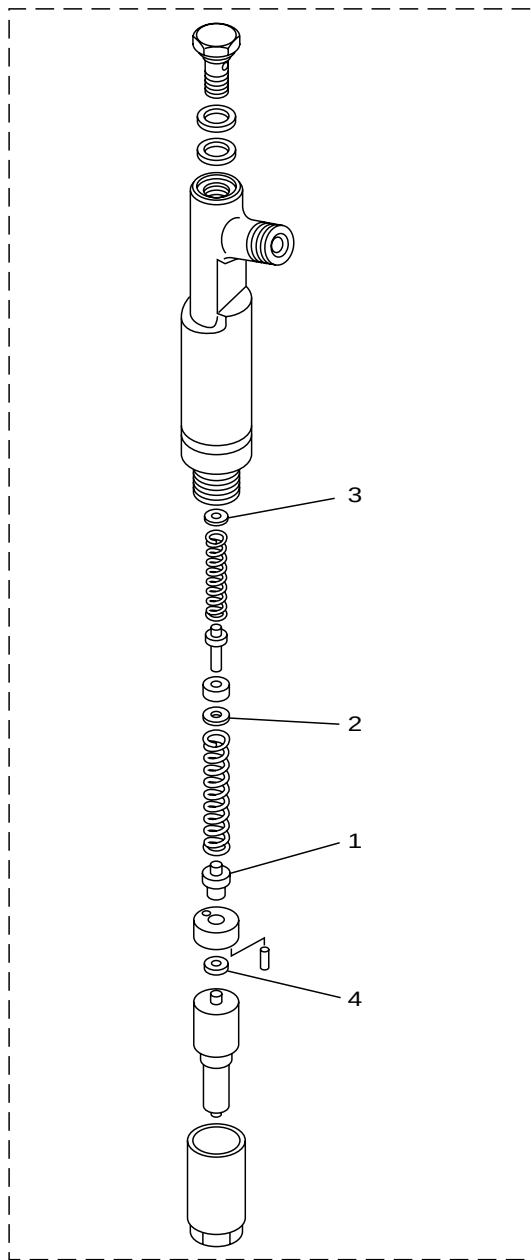


FIG. 11 ADJUSTING SHIM

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
1	N51-12219-00-55	SEAT, SPRING (T=2.67)	1	1		UN(093128-0550)
	N51-12219-00-57	SEAT, SPRING (T=2.68)	1	1		UN(093128-0570)
	N51-12219-00-59	SEAT, SPRING (T=2.69)	1	1		UN(093128-0590)
	N51-12219-00-61	SEAT, SPRING (T=2.70)	1	1		UN(093128-0610)
	N51-12219-00-63	SEAT, SPRING (T=2.71)	1	1		UN(093128-0630)
	N51-12219-00-65	SEAT, SPRING (T=2.72)	1	1		UN(093128-0650)
	N51-12219-00-67	SEAT, SPRING (T=2.73)	1	1		UN(093128-0670)
	N51-12219-00-69	SEAT, SPRING (T=2.74)	1	1		UN(093128-0690)
	N51-12219-00-71	SEAT, SPRING (T=2.75)	1	1		UN(093128-0710)
	N51-12219-00-73	SEAT, SPRING (T=2.76)	1	1		UN(093128-0730)
	N51-12219-00-75	SEAT, SPRING (T=2.77)	1	1		UN(093128-0750)
	N51-12219-00-77	SEAT, SPRING (T=2.78)	1	1		UN(093128-0770)
	N51-12219-00-79	SEAT, SPRING (T=2.79)	1	1		UN(093128-0790)
	N51-12219-00-81	SEAT, SPRING (T=2.80)	1	1		UN(093128-0810)
	N51-12219-00-83	SEAT, SPRING (T=2.81)	1	1		UN(093128-0830)
	N51-12219-00-85	SEAT, SPRING (T=2.82)	1	1		UN(093128-0850)
	N51-12219-00-87	SEAT, SPRING (T=2.83)	1	1		UN(093128-0870)
	N51-12219-00-89	SEAT, SPRING (T=2.84)	1	1		UN(093128-0890)
	N51-12219-00-91	SEAT, SPRING (T=2.85)	1	1		UN(093128-0910)
	N51-12219-00-93	SEAT, SPRING (T=2.86)	1	1		UN(093128-0930)
	N51-12219-00-95	SEAT, SPRING (T=2.87)	1	1		UN(093128-0950)
2	6TA-12859-00-06	SHIM, ADJUSTING (T=1.250)	1	1		UN(093175-2230)
	6TA-12859-00-07	SHIM, ADJUSTING (T=1.300)	1	1		UN(093175-2240)
	6TA-12859-00-08	SHIM, ADJUSTING (T=1.350)	1	1		UN(093175-2250)
	6TA-12859-00-09	SHIM, ADJUSTING (T=1.400)	1	1		UN(093175-2260)
	6TA-12859-00-10	SHIM, ADJUSTING (T=1.450)	1	1		UN(093175-2270)
	6TA-12859-00-11	SHIM, ADJUSTING (T=1.500)	1	1		UN(093175-2280)

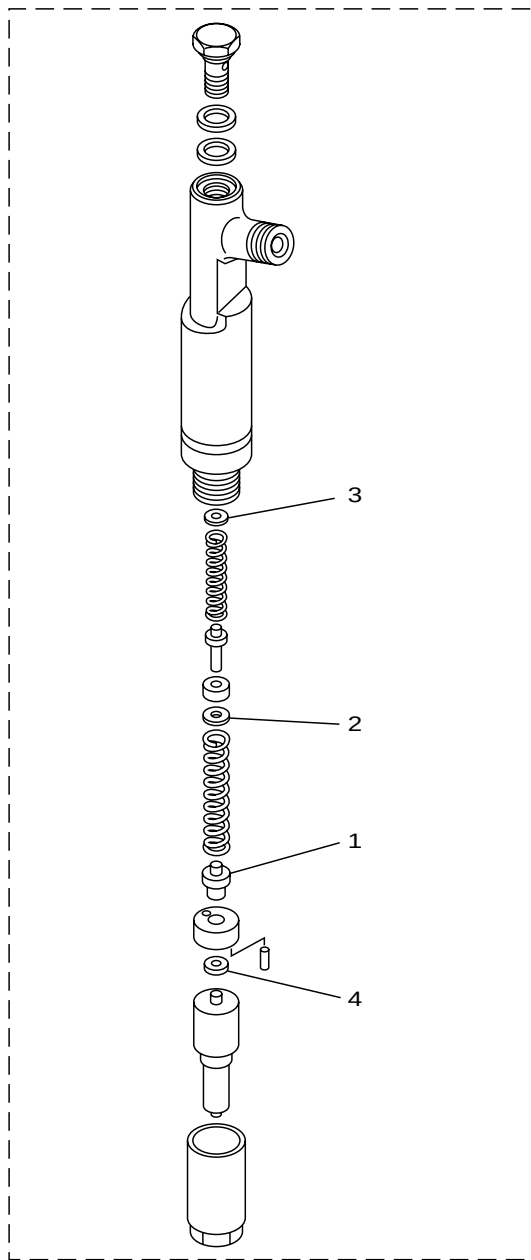


FIG. 11 ADJUSTING SHIM

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
2	6TA-12859-00-12	SHIM, ADJUSTING (T=1.550)	1	1		UN(093175-2290)
	6TA-12859-00-13	SHIM, ADJUSTING (T=1.600)	1	1		UN(093175-2300)
	6TA-12859-00-14	SHIM, ADJUSTING (T=1.650)	1	1		UN(093175-2310)
	6TA-12859-00-A1	SHIM, ADJUSTING (T=1.275)	1	1		UN(093175-2420)
	6TA-12859-00-A2	SHIM, ADJUSTING (T=1.325)	1	1		UN(093175-2430)
	6TA-12859-00-A3	SHIM, ADJUSTING (T=1.375)	1	1		UN(093175-2440)
	6TA-12859-00-A4	SHIM, ADJUSTING (T=1.425)	1	1		UN(093175-2450)
	6TA-12859-00-A5	SHIM, ADJUSTING (T=1.475)	1	1		UN(093175-2460)
	6TA-12859-00-A6	SHIM, ADJUSTING (T=1.525)	1	1		UN(093175-2470)
	6TA-12859-00-A7	SHIM, ADJUSTING (T=1.575)	1	1		UN(093175-2480)
	6TA-12859-00-A8	SHIM, ADJUSTING (T=1.625)	1	1		UN(093175-2490)
3	N51-13147-00-25	SHIM (T=1.25)	1	1		UN(093175-4250)
	N51-13147-00-26	SHIM (T=1.275)	1	1		UN(093175-4260)
	N51-13147-00-27	SHIM (T=1.30)	1	1		UN(093175-4270)
	N51-13147-00-28	SHIM (T=1.325)	1	1		UN(093175-4280)
	N51-13147-00-29	SHIM (T=1.35)	1	1		UN(093175-4290)
	N51-13147-00-30	SHIM (T=1.375)	1	1		UN(093175-4300)
	N51-13147-00-31	SHIM (T=1.40)	1	1		UN(093175-4310)
	N51-13147-00-32	SHIM (T=1.425)	1	1		UN(093175-4320)
	N51-13147-00-33	SHIM (T=1.45)	1	1		UN(093175-4330)
	N51-13147-00-34	SHIM (T=1.475)	1	1		UN(093175-4340)
	N51-13147-00-35	SHIM (T=1.50)	1	1		UN(093175-4350)
	N51-13147-00-36	SHIM (T=1.525)	1	1		UN(093175-4360)
	N51-13147-00-37	SHIM (T=1.55)	1	1		UN(093175-4370)
	N51-13147-00-38	SHIM (T=1.575)	1	1		UN(093175-4380)
	N51-13147-00-39	SHIM (T=1.60)	1	1		UN(093175-4390)
	N51-13147-00-40	SHIM (T=1.625)	1	1		UN(093175-4400)

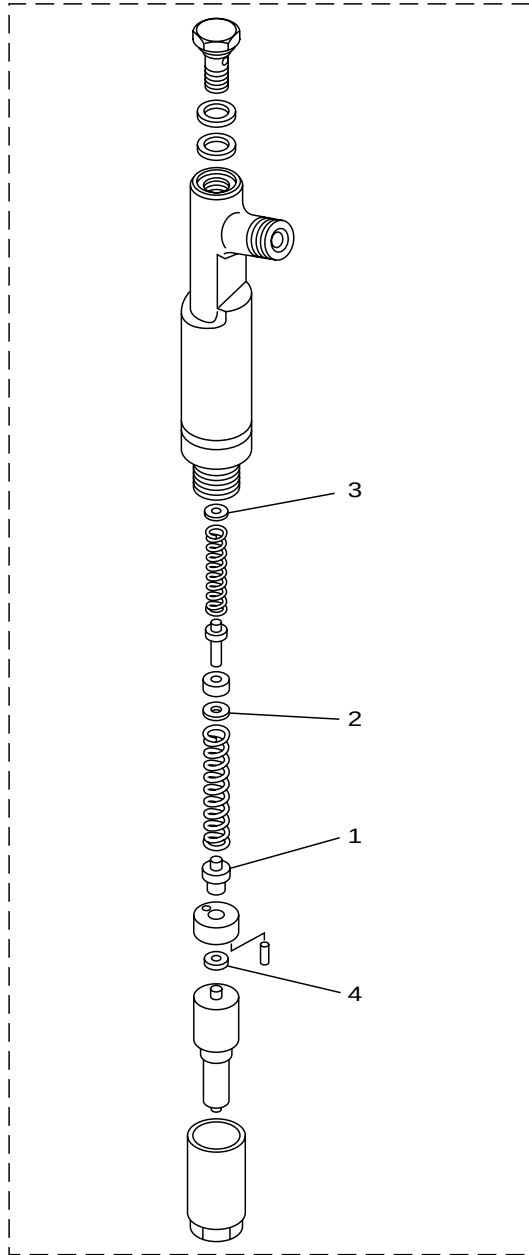


FIG. 11 ADJUSTING SHIM

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
3	N51-13147-00-41	SHIM (T=1.65)	1	1				UN(093175-4410)
	N51-13147-00-42	SHIM (T=1.675)	1	1				UN(093175-4420)
	N51-13147-00-43	SHIM (T=1.70)	1	1				UN(093175-4430)
	N51-13147-00-44	SHIM (T=1.725)	1	1				UN(093175-4440)
	N51-13147-00-45	SHIM (T=1.75)	1	1				UN(093175-4450)
4	N51-13485-00-35	SHIM (T=2.40)	1	1				UN(093175-6350)
	N51-13485-00-36	SHIM (T=2.425)	1	1				UN(093175-6360)
	N51-13485-00-37	SHIM (T=2.45)	1	1				UN(093175-6370)
	N51-13485-00-38	SHIM (T=2.475)	1	1				UN(093175-6380)
	N51-13485-00-39	SHIM (T=2.50)	1	1				UN(093175-6390)

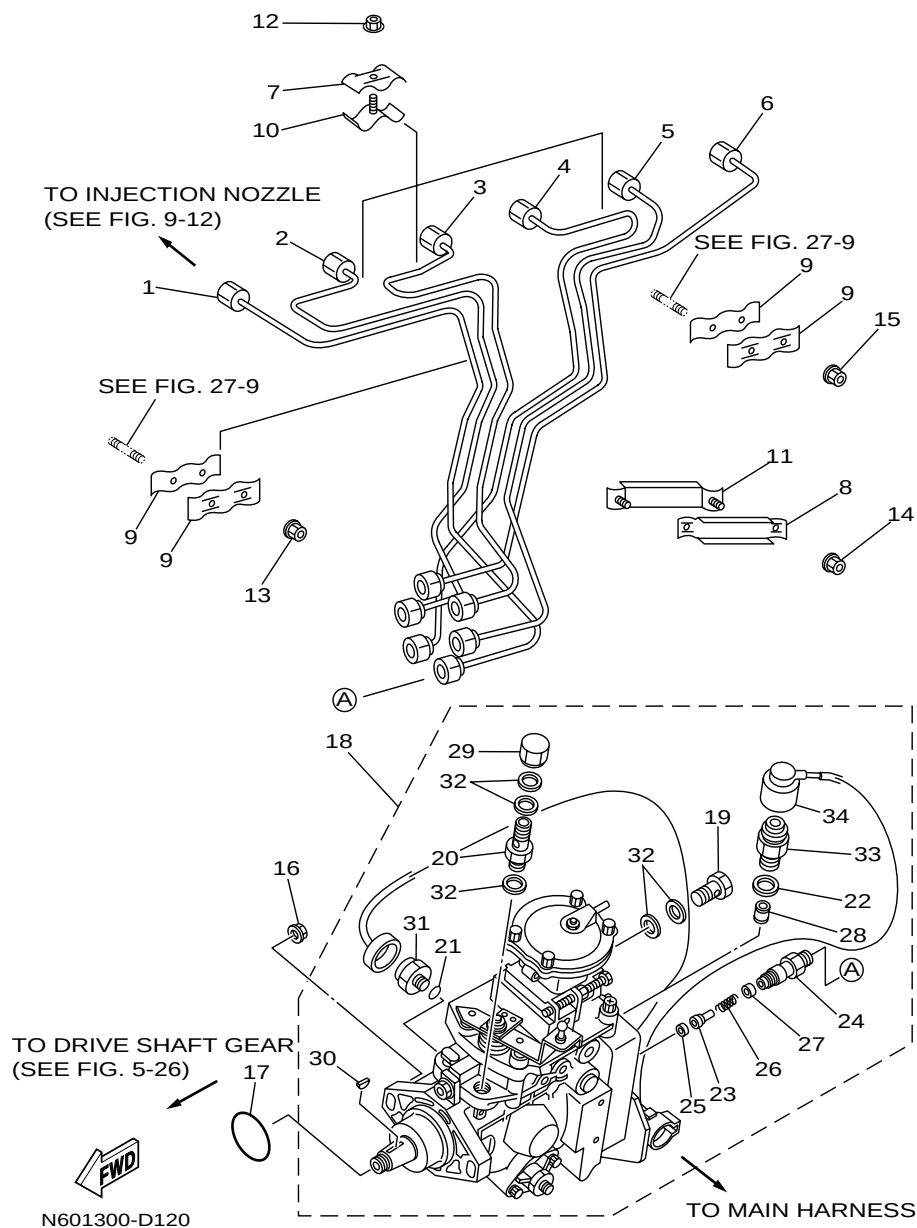


FIG. 12 FUEL INJECTION PUMP

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
1	YU2-37011-70-20	INJECTION PIPE (NO.1)	1	1		
2	YU2-37021-70-20	INJECTION PIPE (NO.2)	1	1		
3	YU2-37031-70-20	INJECTION PIPE (NO.3)	1	1		
4	YU2-37041-70-20	INJECTION PIPE (NO.4)	1	1		
5	YU2-37051-70-20	INJECTION PIPE (NO.5)	1	1		
6	YU2-37061-70-20	INJECTION PIPE (NO.6)	1	1		
7	YU2-37411-70-10	INJECTION PIPE CLAMP 1 (NO.1)	3	3		
8	YU2-37411-70-20	INJECTION PIPE CLAMP 1 (NO.2)	1	1		
9	YU2-37411-70-30	INJECTION PIPE CLAMP 1 (NO.3)	4	4		
10	YU2-37421-70-10	INJECTION PIPE CLAMP 2 (NO.2)	3	3		
11	YU2-37421-70-20	INJECTION PIPE CLAMP 2 (NO.2)	1	1		
12	YU9-01790-60-80	NUT	3	3		
13	YU9-01790-60-80	NUT	2	2		
14	YU9-01790-60-80	NUT	2	2		
15	YU9-01790-60-80	NUT	2	2		
16	YU9-01790-80-22	NUT	2	2		
17	YU9-03014-90-03	O-RING	1	1		
18	N51-12810-01	INJECTION PUMP ASSY	1			DENSO(196000-4140)
	N52-12810-01	INJECTION PUMP ASSY		1		DENSO(196000-4150)
19	6TA-24344-00	.BOLT, BANJO 1	1	1		(096020-0180)
20	6TA-12822-00	.BOLT, UNION 2	1	1		(196021-0190)
21	6TA-12843-00	.O-RING	1	1		(096049-0190)
22	6TA-13995-00	.WASHER	1	1		(096064-0110)
23	6TA-12803-00	.DELIVERY VALVE SUB-ASSY.	6	6		(096420-0740)
24	6TA-12812-00	.HOLDER, DELIVERY VALVE	6	6		(096425-0190)
25	6TA-12824-00	.GASKET, DELIVERY VALVE	6	6		(096426-0070)
26	6TA-12804-00	.SPRING, DELIVERY VALVE	6	6		(096427-0050)

C6

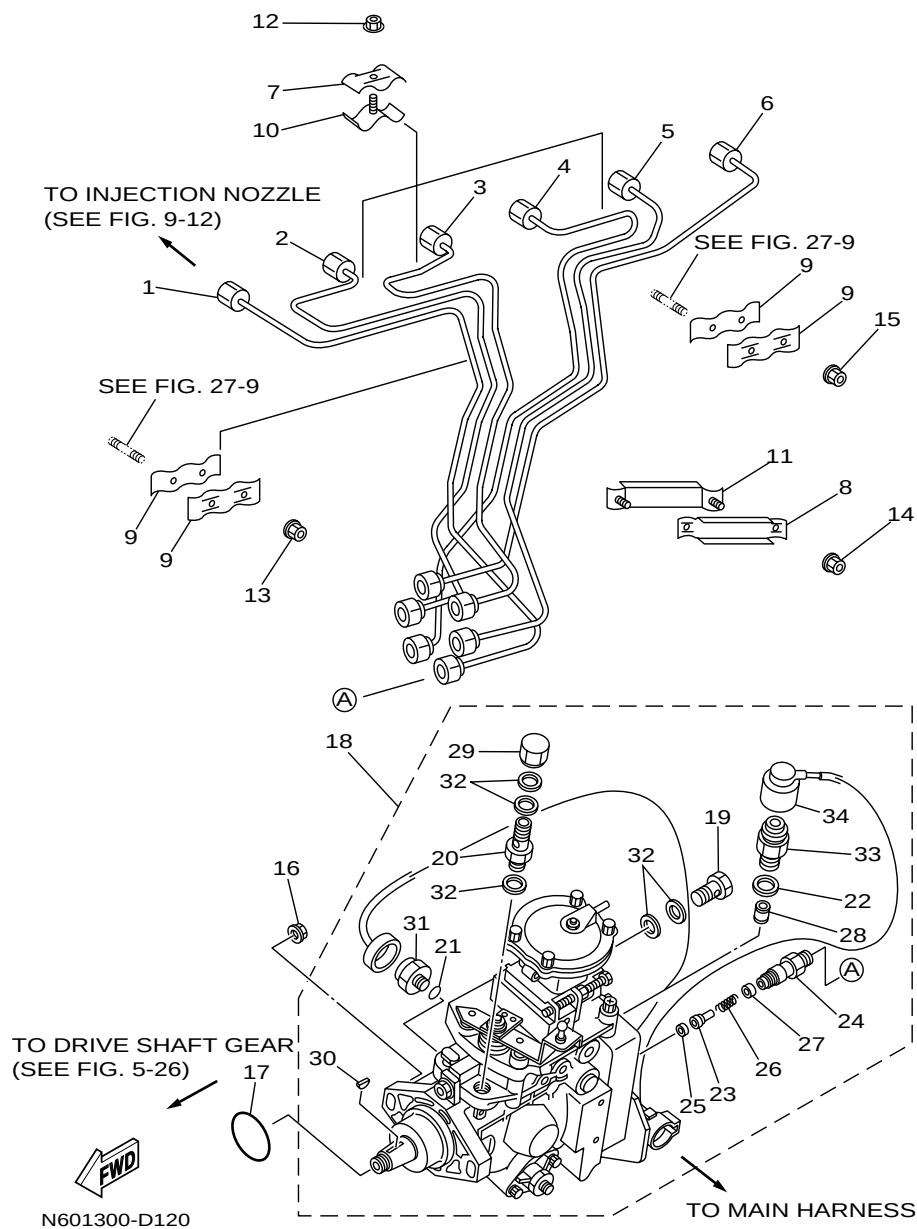


FIG. 12 FUEL INJECTION PUMP

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
27	6TA-12828-00	.SEAT, SPRING UPPER	6	6		(096428-0010)
28	6TA-12805-00	.ELEMENT SUB-ASSY.	1	1		(096530-0071)
29	6TA-24658-00	.NUT, CAP	1	1		(949055-0300)
30	6TA-12836-00	.KEY, WOODRUFF	1	1		(949130-0300)
31	6TA-81670-00	.PICK-UP ASSY	1	1		(076300-2010)
32	6TA-24468-00	.GASKET	1	1		(090241-0010)
33	6TA-86110-00	.SOLENOID	1	1		(096010-0690)
34	6TA-86211-00	.WIRE, LEAD	1	1		(096045-0690)

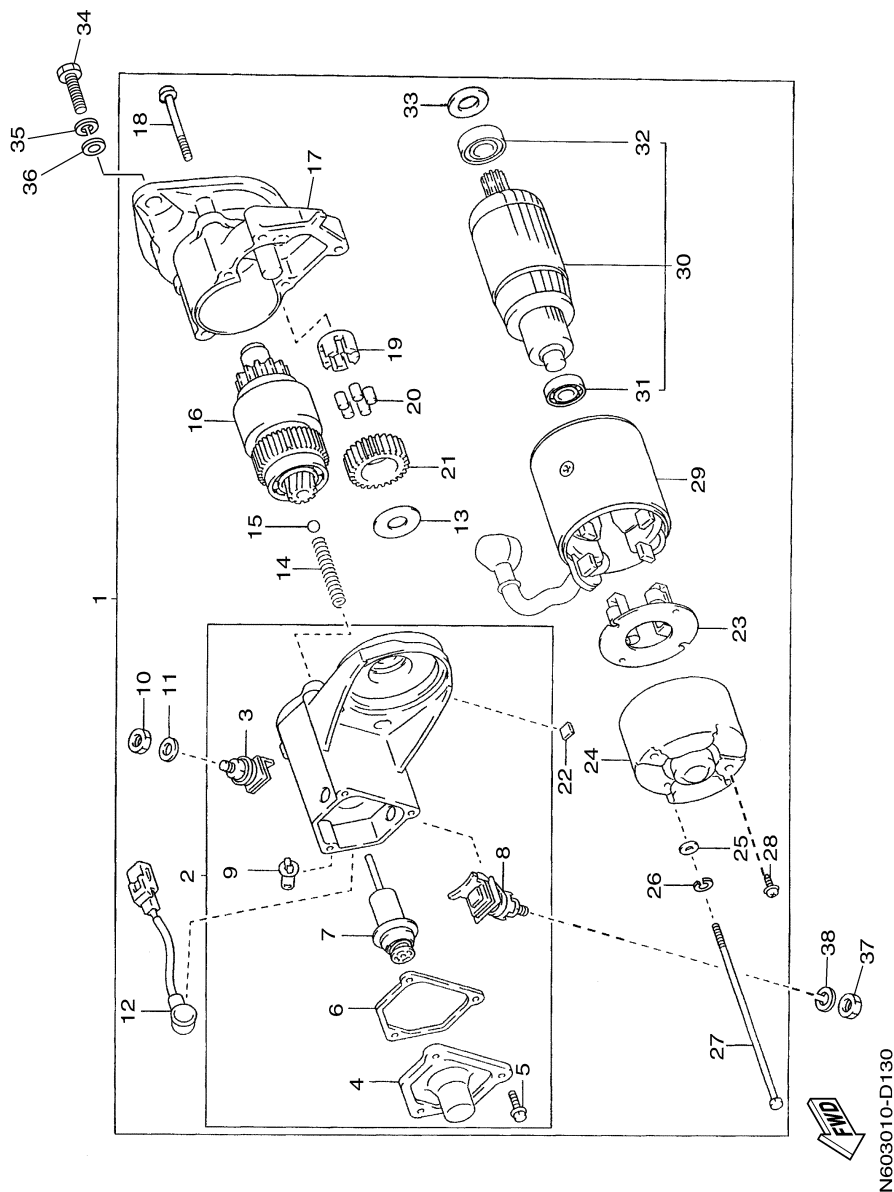


FIG. 13 STARTING MOTOR

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
1	N57-81800-00	STARTER ASSY (12V-2.5KW)	1	1		(28100-17060)
2	YU2-81501-70-60	.SWITCH ASSY,MAGNET SWITCH	1	1		
3	YU2-82265-42-20	..STARTER KIT,MOTOR TERMINAL	1	1		
4	YU2-81591-70-30	..COVER,MAGNET SWITCH	1	1		
5	YU9-00990-44-73	..SCREW	3	3		
6	YU2-81755-63-10	..GASKET,MAGNET SWITCH COVER	1	1		
7	YU2-82351-70-30	..PLUNGER,MAGNET SWITCH	1	1		
8	YU2-82265-43-20	..STARTER KIT,BATTERY TERMINAL	1	1		
9	YU2-81994-60-80	..COVER,STARTER END FRAME	1	1		
10	YU9-00922-10-01	.NUT,W/WASHER	2	2		
11	YU9-00990-23-25	.WASHER	1	1		
12	YU2-81395-42-51	.WIRE,LEAD,NO.1(FOR STARTER)	1	1		
13	YU2-82227-70-90	.WASHER,STARTER IDLE GEAR CLUTCH	1	1		
14	YU2-81657-70-90	.SPRING,STRATER MAGNET SW R	1	1		
15	YU9-00991-20-09	.BALL	1	1		
16	YU2-80111-70-20	.CLUTCH SUB-ASSY,STARTER	1	1		
17	YU2-81151-70-20	.HOUSING ASSY,STARTER DRIVE	1	1		
18	YU9-00990-02-18	.SCREW	3	3		
19	YU2-82295-60-80	.RETAINER,STARTER IDLE GEAR	1	1		
20	YU2-82285-60-80	.ROLLER,STARTER IDLE	1	1		
21	YU2-82547-70-90	.GEAR,STARTER IDLE	1	1		
22	YU2-81187-70-90	.PLATE (FOR STARTER YOKE)	1	1		
23	YU2-81407-70-90	.HOLDER ASSY,STARTER BRUSH	1	1		
24	YU2-81301-70-30	.FRAME ASSY,STARTER COMMUTATOR	1	1		
25	YU9-00990-14-36	.WASHER	2	2		
26	YU9-45110-06-00	.WASHER,SPRING	2	2		
27	YU9-00990-42-07	.BOLT,THROUGH	2	2		

D1

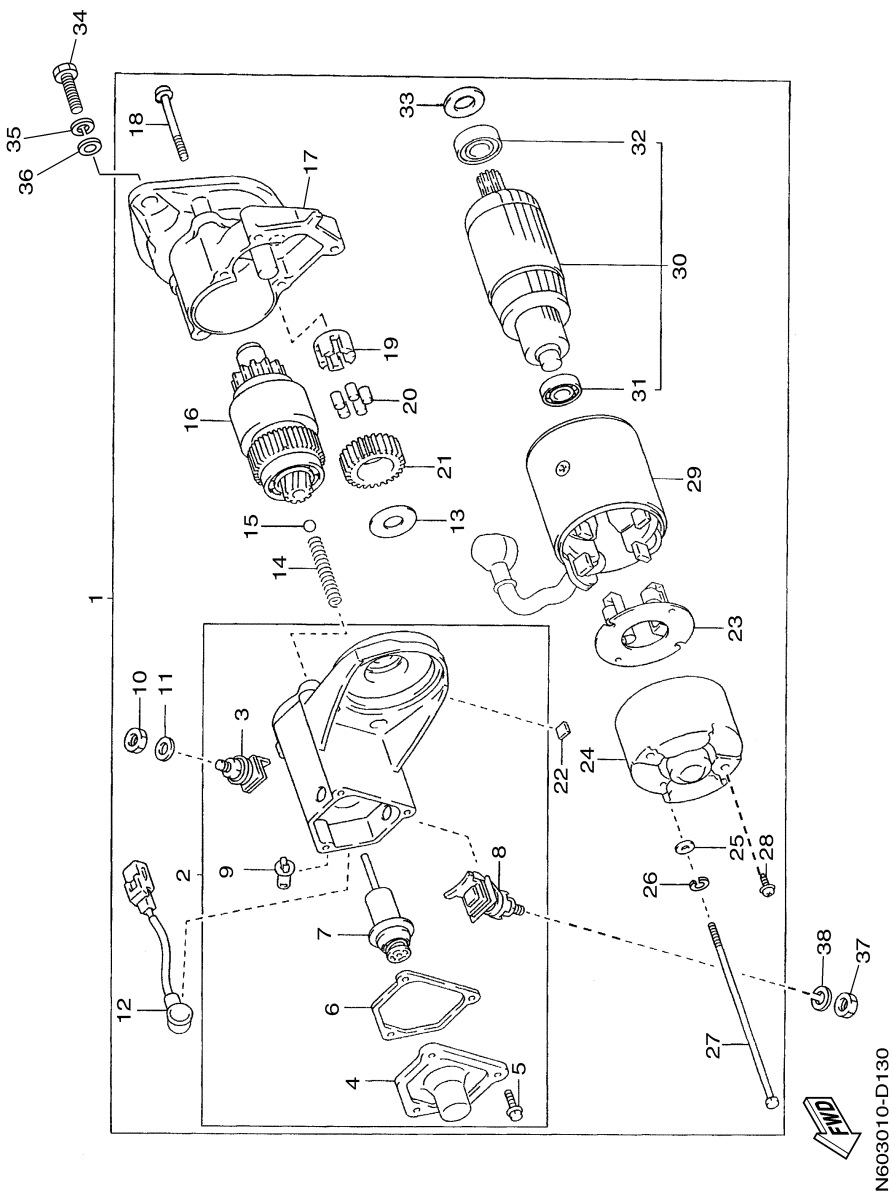


FIG. 13 STARTING MOTOR

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1	REMARKS
28	YU9-00990-02-54	.SCREW,W/WASHER	2	2	
29	YU2-81205-60-81	.YOKE ASSY,STARTER	1	1	
30	YU2-81604-70-40	.ARMATURE ASSY,STARTER	1	1	
31	YU9-00991-01-07	..BEARING,STARTER ARMATURE	1	1	
32	YU9-00991-01-19	..BEARING,STARTER ARMATURE	1	1	
33	YU9-00990-22-05	.WASHER	1	1	
34	97027-12050	BOLT	2	2	
35	92907-12100	WASHER, SPRING	2	2	
36	92907-12600	WASHER, PLATE	2	2	
37	90170-10202	NUT	1	1	
38	92907-10100	WASHER, SPRING	1	1	

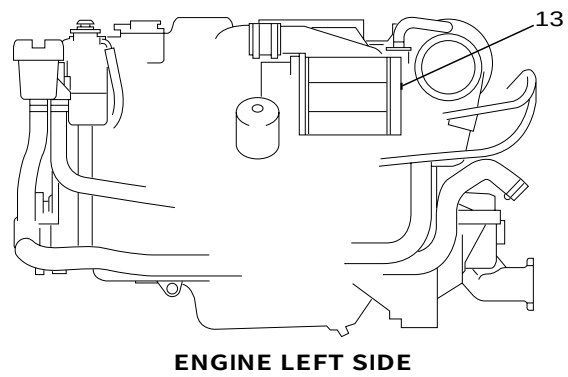
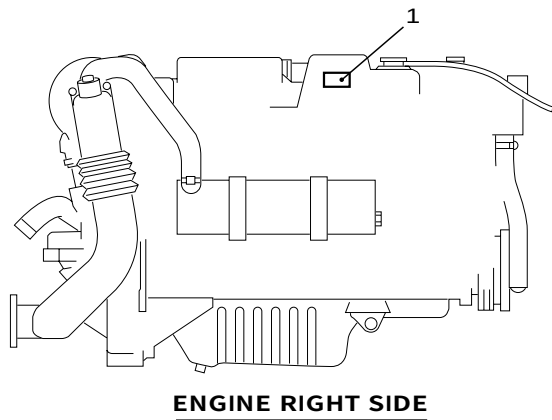
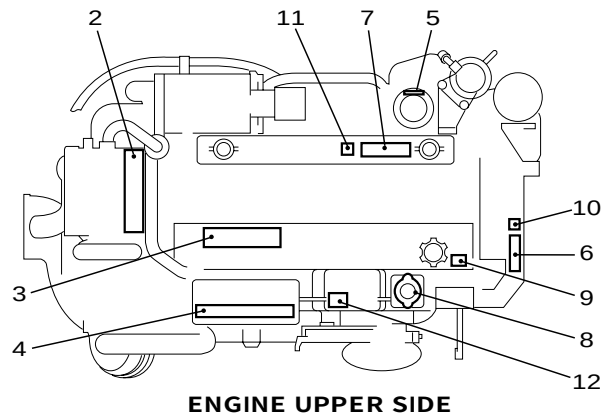


FIG. 14 EMBLEM & LABEL 1

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	90269-02016	RIVET	2	2				
2	N51-23199-11	LABEL, CAUTION 2	1	1				
3	N60-1111K-00	EMBLEM	1	1				
4	N60-1441K-10	EMBLEM	1					
	N60-1441K-20	EMBLEM		1				
5	6TD-13889-00	LABEL	1	1				M/G FILTER
6	6TD-23196-10	LABEL, CAUTION 4	1	1				BELT ADJUSTMENT
7	6TA-13458-10	STICKER, OIL CLEANER	1	1				OIL & FUEL FILTER INSTALLATION
8	6TA-12525-00	LABEL, CAUTION 5	1	1				NEVER OPEN WHEN HOT
9	6TA-13434-01	LABEL, CAUTION	1	1				ENGINE OIL RECOMEND
10	6TA-12526-00	LABEL, CAUTION 6	1	1				NO STEP
11	6TA-12526-00	LABEL, CAUTION 6	1	1				NO STEP
12	4GB-2155A-00	MARK,EC	1	1				
13	716-22499-00	LABEL, CAUTION	2	2				ZINC

N601300-D140

D3

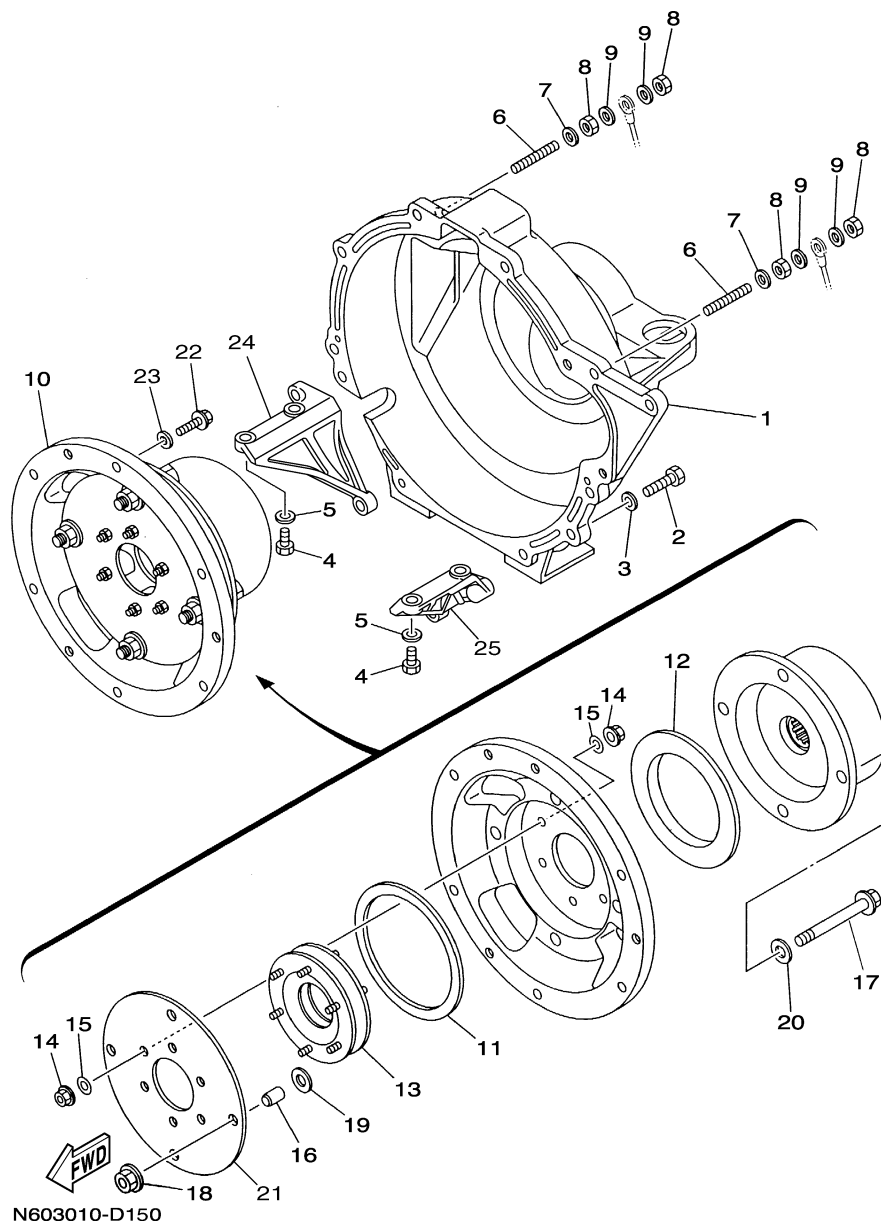
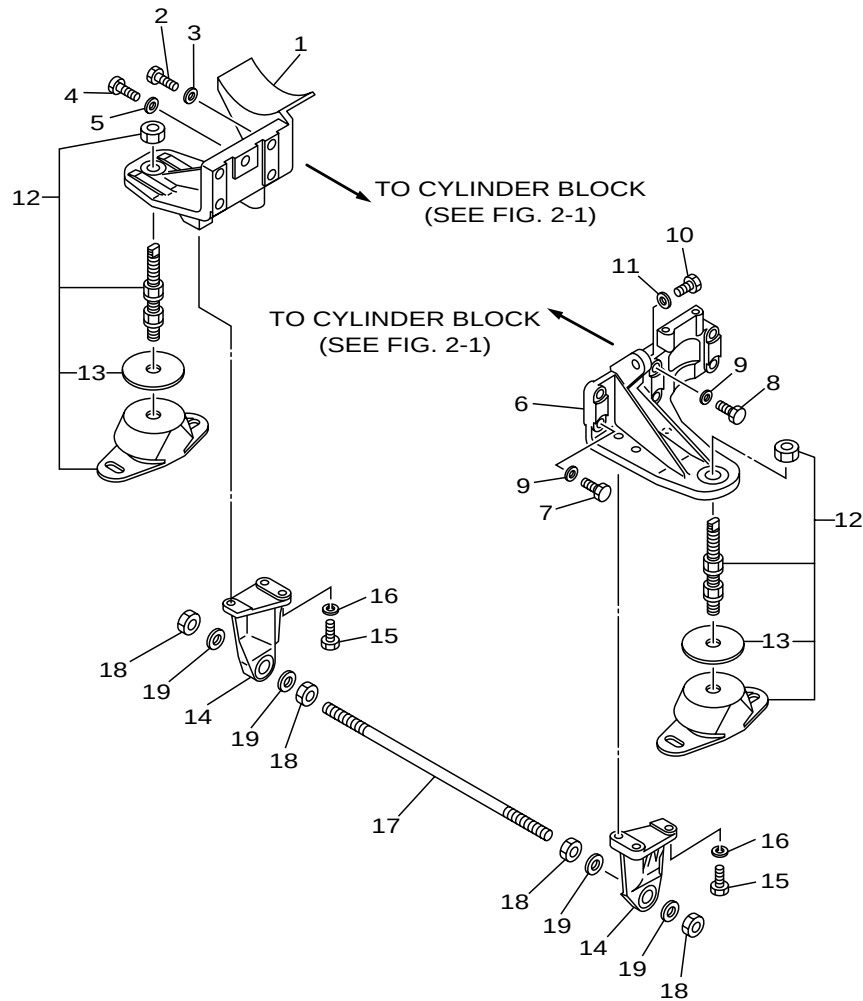


FIG. 15 FLYWHEEL HOUSING 1

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
1	6TA-15331-01	HOUSING, FLYWHEEL	1	1		
2	97017-12040	BOLT	9	9		
3	90201-124G9	WASHER, PLATE	9	9		
4	97027-12035	BOLT	4	4		
5	92907-12600	WASHER, PLATE	4	4		
6	90116-10M49	BOLT, STUD	2	2		
7	90201-10774	WASHER, PLATE	2	2		
8	95317-10600	NUT	4	4		
9	92907-10600	WASHER, PLATE	4	4		
10	6TA-16306-02	CLUTCH DAMPER ASSY	1	1		
11	6TA-16181-00	.SPACER 1	1	1		
12	6TA-16182-00	.SPACER 2	1	1		
13	6TA-16782-01	.DAMPER	1	1		
14	6TA-16647-00	.NUT	12	12		
15	6TA-16648-00	.WASHER	12	12		
16	6TA-16112-00	.BUSH	4	4		
17	6TA-14678-00	.BOLT	4	4		
18	6TA-14679-00	.NUT	4	4		
19	6TA-15696-00	.WASHER 2	4	4		
20	6TA-15695-00	.WASHER 2	4	4		
21	6TA-16118-00	.PLATE SIDE 1	1	1		
22	95817-08030	BOLT, FLANGE	6	6		
23	90201-084K5	WASHER, PLATE	6	6		
24	N57-11998-00	BRACKET 1	1	1		
25	N57-11999-00	BRACKET 2	1	1		

D4



N601300-D160

FIG. 16 MOUNTING

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	6TA-11011-02	BRACKET, ENGINE 1	1	1				
2	90101-12M08	BOLT (L=40 P=1.25)	4	4				
3	90201-124G9	WASHER, PLATE	4	4				
4	97017-10035	BOLT	1	1				
5	92907-10600	WASHER, PLATE	1	1				
6	6TA-11012-03	BRACKET, ENGINE 2	1	1				
7	90101-12M07	BOLT (L=30 P=1.25)	2	2				
8	90101-12M08	BOLT (L=40 P=1.25)	3	3				
9	90201-124G9	WASHER, PLATE	5	5				
10	97027-12020	BOLT	1	1				
11	92907-12200	WASHER	1	1				
12	6TA-18611-01	MOUNT, ENGINE	2	2				
13	6TA-76133-00	.WASHER, PLATE	1	1				
14	6TA-23575-00	BRACKET, TENSION ROD	2	2				
15	97017-10025	BOLT	6	6				
16	92907-10100	WASHER, SPRING	6	6				
17	6TA-23582-00	ROD, TENSION	1	1				
18	95317-16600	NUT	4	4				
19	90201-160F6	WASHER, PLATE	4	4				

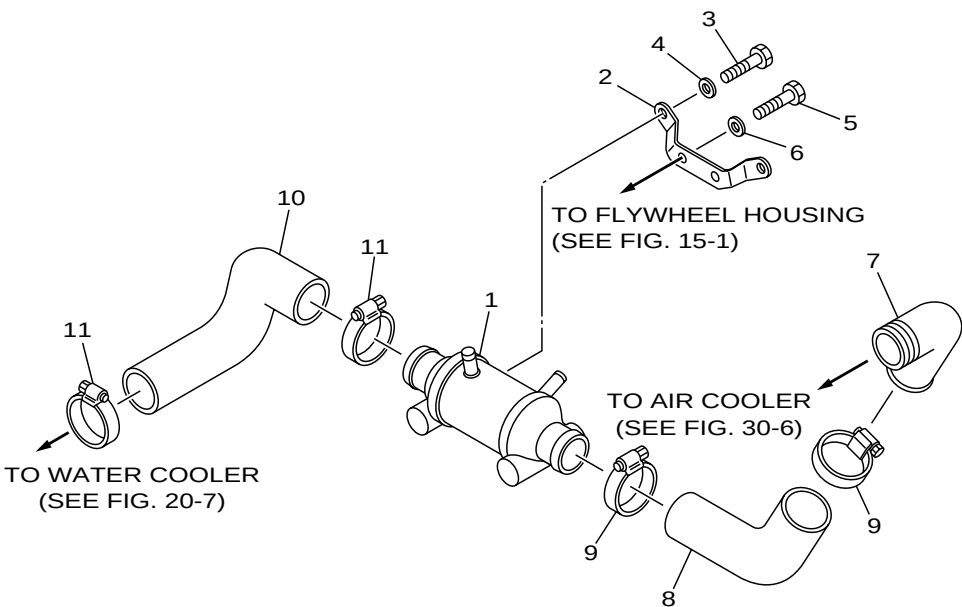


FIG. 17 OIL COOLER

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	N60-13470-00	OIL COOLER ASSY	1	1				
2	N60-21498-00	BRACKET, OIL COOLER	1	1				
3	97027-08016	BOLT	2	2				
4	92907-08600	WASHER, PLATE	2	2				
5	97027-08020	BOLT	2	2				
6	92907-08600	WASHER, PLATE	2	2				
7	N51-12582-00	JOINT, HOSE 2	1	1				
8	N60-12578-00	HOSE 3	1	1				
9	90450-32008	HOSE CLAMP ASSY	2	2				
10	N60-12579-00	HOSE 4	1	1				
11	90450-32008	HOSE CLAMP ASSY	2	2				



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D6

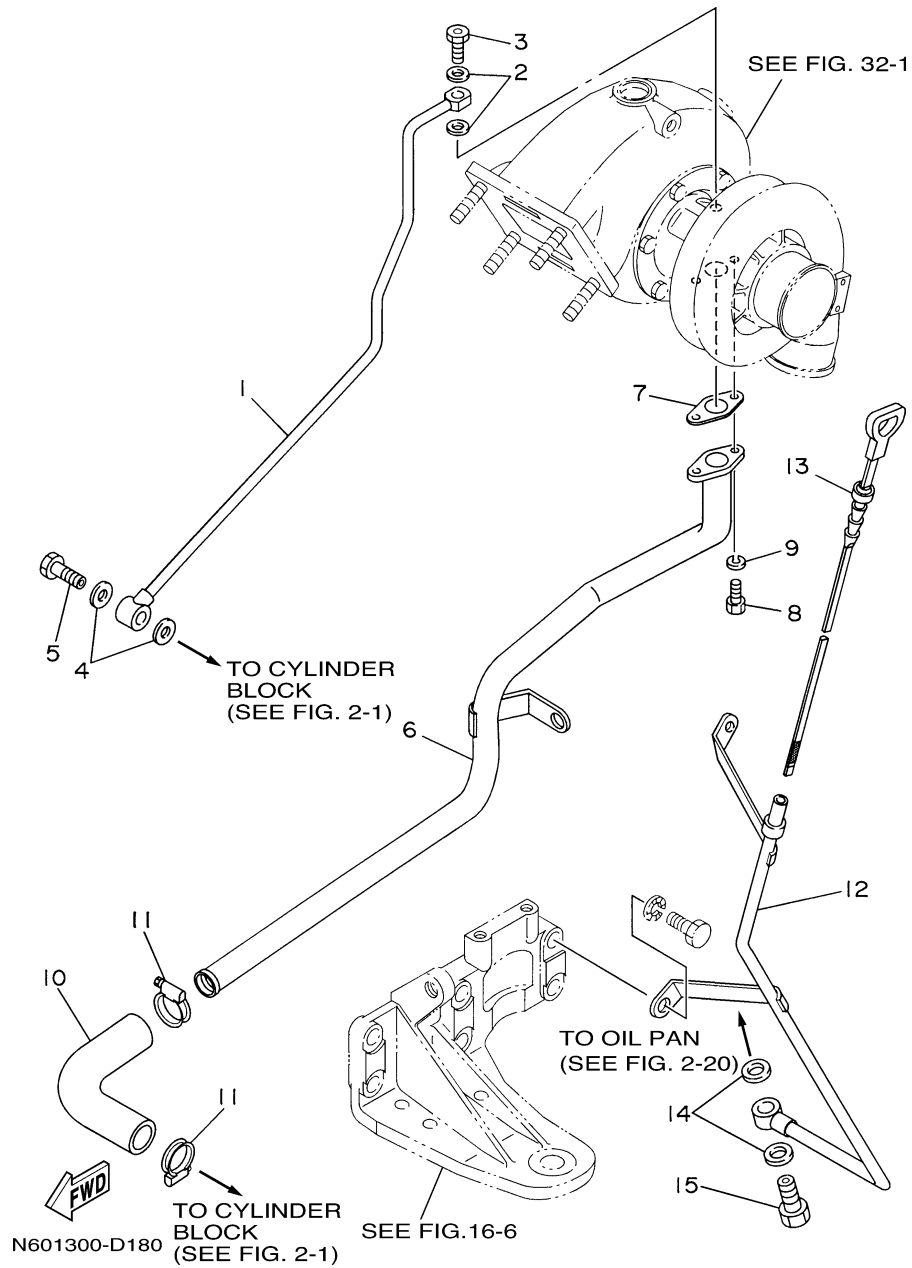


FIG. 18 LUBRICATION 1

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
1	6TA-13416-01	PIPE, OIL 1	1	1		
2	90430-10233	GASKET	2	2		
3	90401-10111	BOLT, UNION	1	1		
4	90430-12003	GASKET	2	2		
5	90401-12122	BOLT, UNION	1	1		
6	6TA-13431-01	PIPE, OIL DRAIN 1	1	1		
7	6TA-13477-00	GASKET	1	1		
8	97027-06016	BOLT	2	2		
9	92907-06600	WASHER, PLATE	2	2		
10	6TA-13464-00	HOSE, OIL 1	1	1		
11	90460-20190	CLAMP, HOSE	2	2		
12	6TA-15377-02	GUIDE, INLET	1	1		
13	N57-15361-00	GAUGE, LEVEL	1	1		
14	90430-12003	GASKET	2	2		
15	90401-12122	BOLT, UNION	1	1		

D7

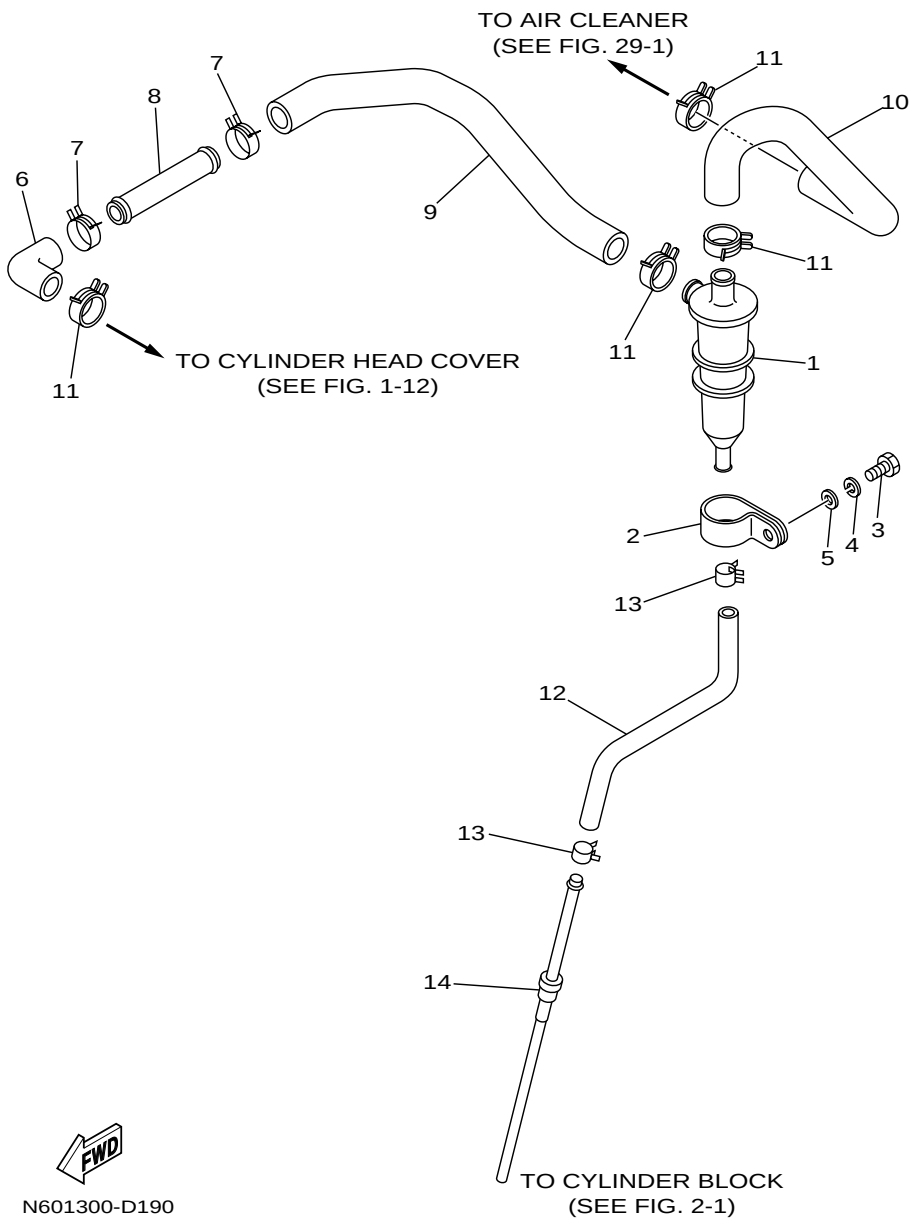


FIG. 19 VENTILATION

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	6TA-15370-00	BREATHER ASSY	1	1				
2	6TA-15378-00	HOLDER	1	1				
3	97027-08016	BOLT	1	1				
4	92907-08600	WASHER, PLATE	1	1				
5	92907-08200	WASHER	1	1				
6	6TA-15394-00	PIPE, OIL VENT	1	1				
7	90467-20154	CLIP	2	2				
8	6TA-15373-00	PIPE, BREATHER	1	1				
9	6TA-1531A-00	HOSE, BREATHER 1	1	1				
10	N51-1532A-00	HOSE, BREATHER 2	1	1				
11	90467-23177	CLIP	4	4				
12	6TA-13465-00	HOSE, OIL 2	1	1				
13	90467-14057	CLIP	2	2				
14	6TA-13405-01	OIL PIPE COMP. 1	1	1				

E1

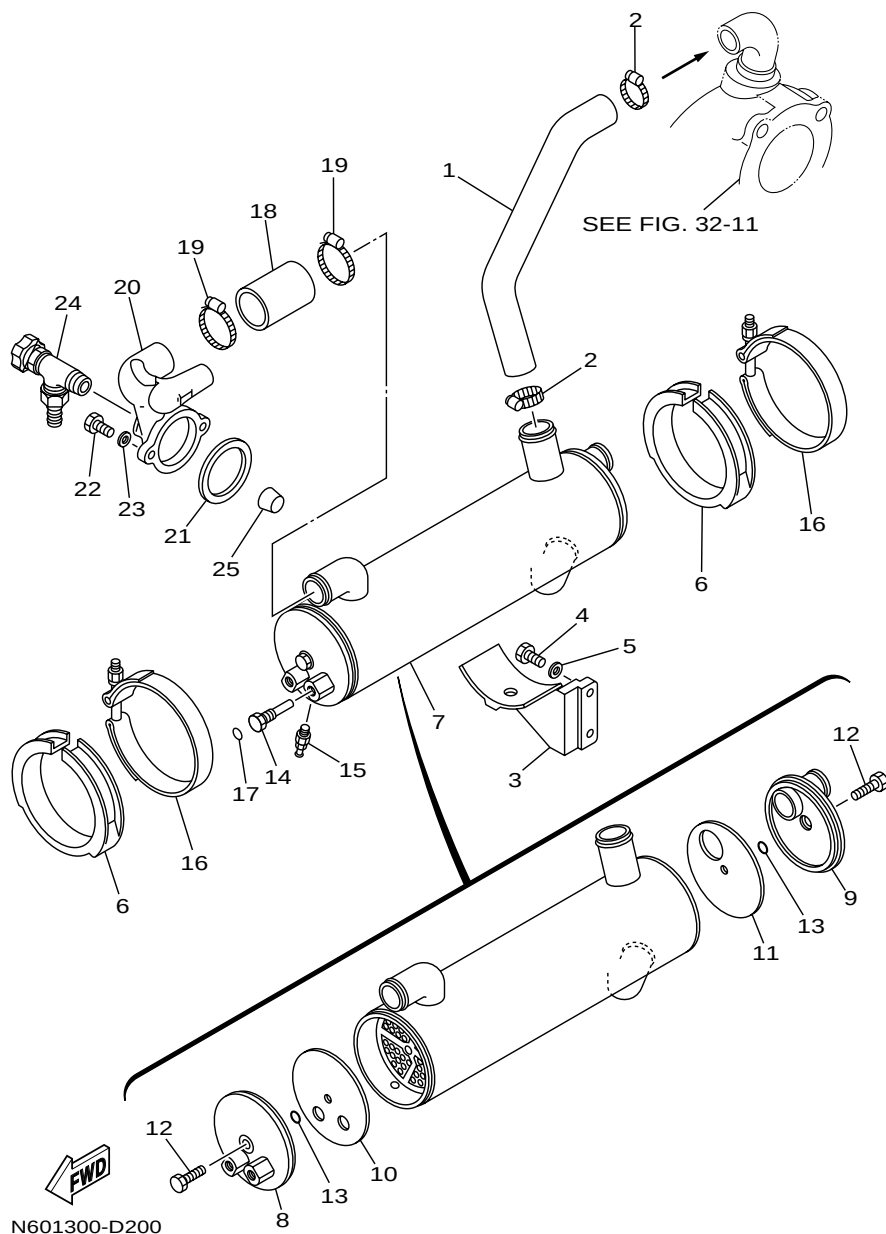


FIG. 20 WATER COOLER

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	N51-12588-00	HOSE 5	1	1				
2	90450-32008	HOSE CLAMP ASSY	2	2				
3	6TA-12518-00	BRACKET, WATER COOLER	1	1				
4	97027-10025	BOLT	2	2				
5	92907-10600	WASHER, PLATE	2	2				
6	6TA-22928-00	DAMPER	2	2				
7	N60-12500-00	WATER COOLER ASSY	1	1				
8	N60-1246E-00	.COVER 2	1	1				
9	N60-1246A-00	.COVER 1	1	1				
10	N60-12515-00	.GASKET	1	1				
11	N60-12514-00	.GASKET	1	1				
12	N60-12615-00	.BOLT	2	2				
13	N60-12439-00	.O-RING	2	2				
14	N51-11325-00	ANODE	2	2				
15	N60-12560-00	DRAIN COCK ASSY.	1	1				
16	90460-99M16	CLAMP, HOSE	2	2				
17	716-22499-00	LABEL, CAUTION	2	2				ZINC
18	6TA-1243E-00	HOSE,2	1	1				
19	90450-32008	HOSE CLAMP ASSY	2	2				
20	6TA-12446-00	JOINT	1	1				
21	6TA-12434-01	GASKET	1	1				
22	97027-08020	BOLT	2	2				
23	92907-08600	WASHER, PLATE	2	2				
24	6TA-1249A-00	COCK ASSY	1	1				
25	90336-23M08	PLUG, TAPER	1	1				

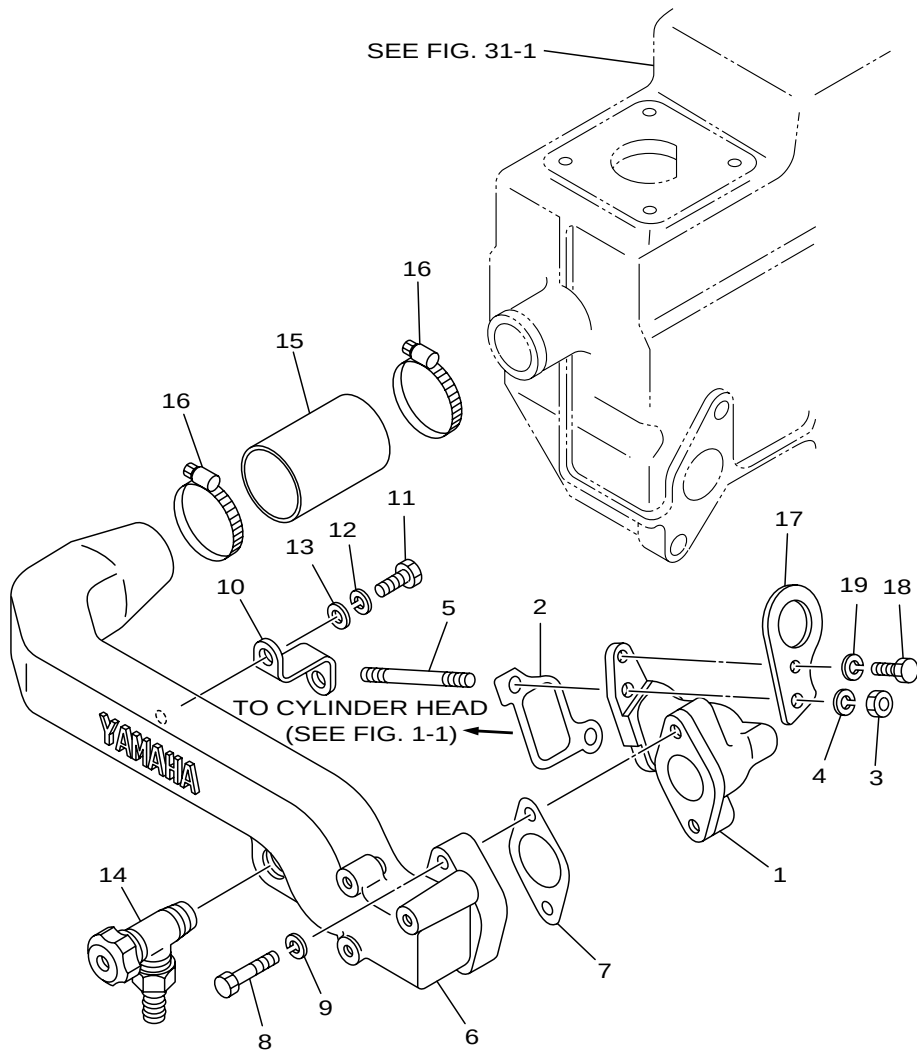


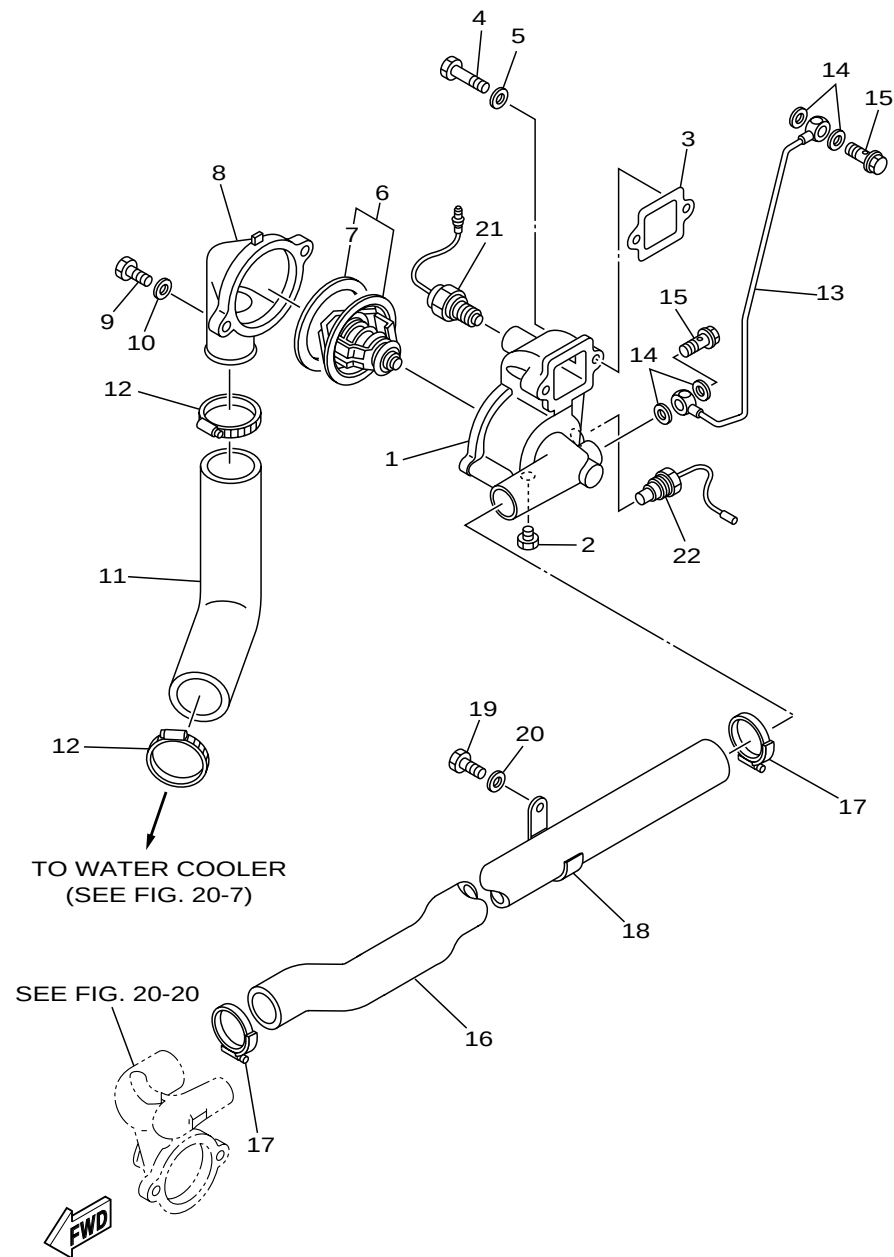
FIG. 21 WATER COOLING 1

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	6TA-12479-00	JOINT	1	1				
2	6TA-12565-01	GASKET, WATER PIPE	1	1				
3	95337-08600	NUT	2	2				
4	92907-08600	WASHER, PLATE	2	2				
5	YU9-01160-83-35	BOLT, STUD	2	2				
6	6TA-12484-00	PIPE 4	1	1				
7	6TA-12575-01	GASKET, FLG	1	1				
8	97027-08040	BOLT	2	2				
9	92907-08600	WASHER, PLATE	2	2				
10	6TA-12443-00	STAY	1	1				
11	97027-08020	BOLT	1	1				
12	92907-08600	WASHER, PLATE	1	1				
13	92907-08200	WASHER	1	1				
14	6TA-1249A-00	COCK ASSY	1	1				
15	6TA-1243E-00	HOSE,2	1	1				
16	90450-32008	HOSE CLAMP ASSY	2	2				
17	6TA-1111D-00	HANGER, SETTING	1	1				
18	97027-06012	BOLT	1	1				
19	92907-06600	WASHER, PLATE	1	1				



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E3

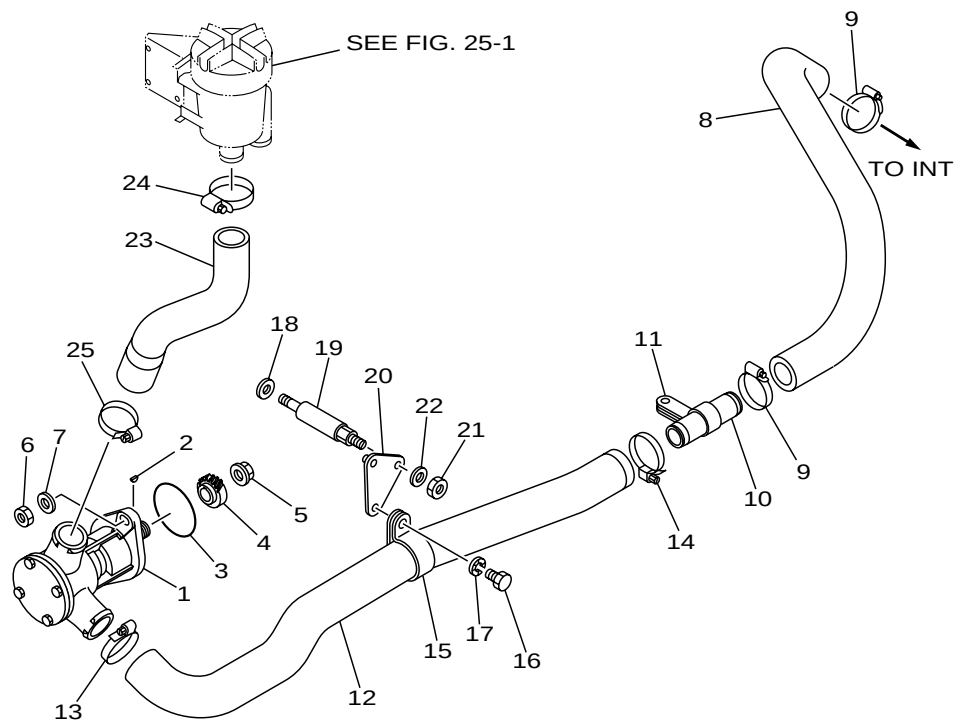


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FIG. 22 WATER COOLING 2

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	6TA-12417-00	HOUSING, THERMOSTAT	1	1				UR 1 STATION UR 2 STATION
2	90345-51014	PLUG	1	1				
3	6TA-12435-00	GASKET	1	1				
4	97027-08035	BOLT	2	2				
5	92907-08600	WASHER, PLATE	2	2				
6	6TA-12411-00	THERMOSTAT	1	1				
7	6TA-12412-00	.SEAL, THERMOSTAT	1	1				
8	6TA-12413-00	COVER, THERMOSTAT	1	1				
9	97027-08025	BOLT	2	2				
10	92907-08600	WASHER, PLATE	2	2				
11	6TA-1243A-00	HOSE,1	1	1				
12	90450-32008	HOSE CLAMP ASSY	2	2				
13	6TA-12566-00	PIPE, BYPASS	1	1				
14	90430-10233	GASKET	4	4				
15	90401-10094	BOLT, UNION	2	2				
16	N51-1243F-00	HOSE,3	1	1				
17	90450-40009	HOSE CLAMP ASSY	2	2				
18	90465-16M48	CLAMP	1	1				
19	97027-08020	BOLT	1	1				
20	92907-08600	WASHER, PLATE	1	1				
21	6TA-82560-00	THERMO SWITCH ASSY	1	1				
22	6TA-83591-00	THERMO UNIT	1	1				
	6TA-83591-10	THERMO UNIT	1	1				

E4



N601300-D230

FIG. 23 SEA WATER PUMP 1

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	N60-12402-00	SEA WATER PUMP SUB-ASSY	1	1				SEE FIG.24
2	N57-12836-00	KEY, WOODRUFF	1	1				
3	93210-64488	O-RING	1	1				
4	N57-12459-00	GEAR, IMPELLER SHAFT	1	1				
5	N57-12671-00	NUT 1	1	1				
6	95317-10600	NUT	2	2				
7	90201-10M05	WASHER, PLATE	2	2				
8	6TA-12576-00	HOSE 1	1	1				
9	90450-32008	HOSE CLAMP ASSY	2	2				
10	6TA-12483-01	PIPE 3	1	1				
11	90465-16M49	CLAMP	1	1				
12	N60-12577-00	HOSE 2	1	1				
13	90450-32008	HOSE CLAMP ASSY	1	1				
14	90450-54M00	HOSE CLAMP ASSY	1	1				
15	90465-14M50	CLAMP	1	1				
16	97027-10020	BOLT	1	1				
17	92907-10600	WASHER, PLATE	1	1				
18	90201-124G9	WASHER, PLATE	1	1				
19	6TA-12638-01	STAY 2	1	1				
20	6TA-1244F-00	BRACKET 1	1	1				
21	95317-12600	NUT	1	1				
22	92907-12600	WASHER, PLATE	1	1				
23	N60-1244G-00	HOSE, 4	1	1				
24	90450-40009	HOSE CLAMP ASSY	1	1				
25	90450-32008	HOSE CLAMP ASSY	1	1				

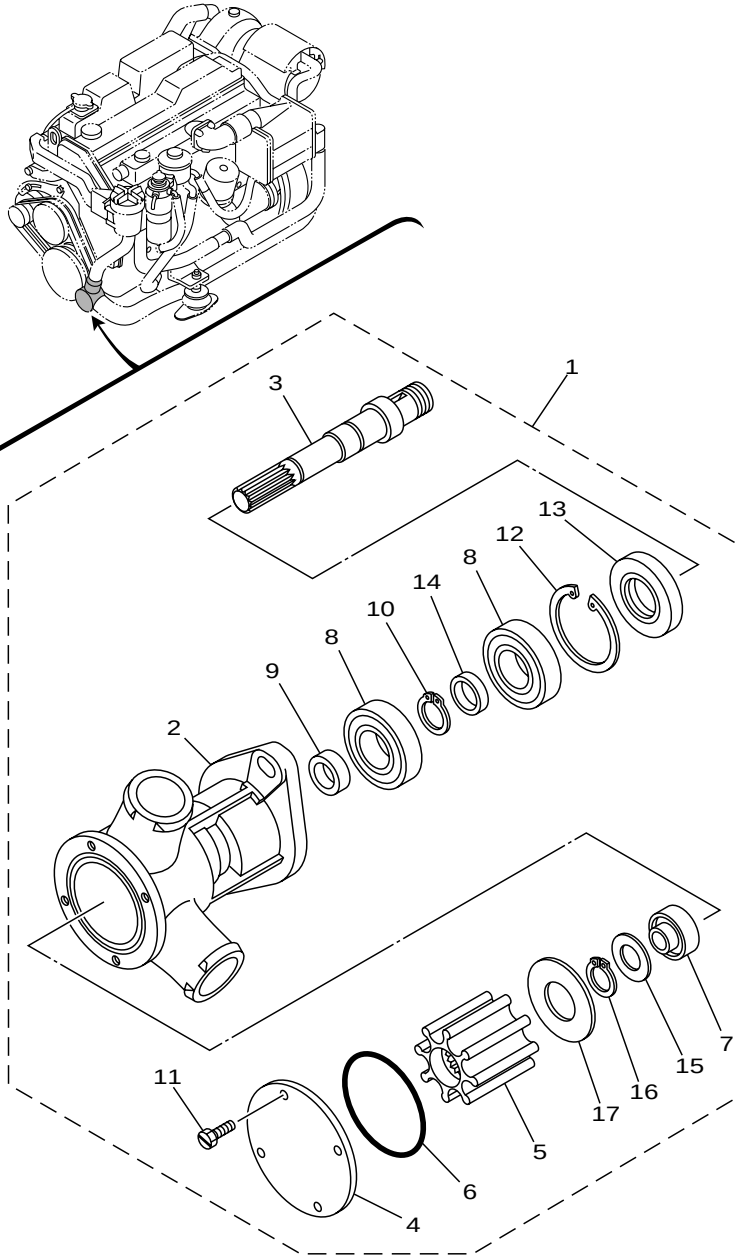


FIG. 24 WATER PUMP FOR SEA WATER

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
1	N60-12402-00	SEA WATER PUMP SUB-ASSY	1	1		SEE FIG.23-1
2	N60-12421-00	.HOUSING, WATER PUMP	1	1		
3	N57-12426-00	.SHAFT	1	1		
4	N57-12422-00	.COVER, HOUSING	1	1		
5	6TA-12457-00	.IMPELLER	1	1		
6	6TA-5111K-00	.O-RING	1	1		
7	N57-12438-00	.SEAL, MECHANICAL	1	1		
8	N57-1245F-00	.BEARING, WATER PUMP	2	2		
9	N57-13631-00	.SEAL, RUBBER 1	1	1		
10	N57-1243H-00	.CIR-CLIP, PUMP 1	1	1		
11	6TA-A9902-00	.SCREW, WATER PUMP	4	4		
12	N57-1243J-00	.CIR-CLIP, PUMP 2	1	1		
13	N57-1243M-00	.SEAL, WATER PUMP	1	1		
14	N57-1244A-00	.INSERT	1	1		
15	N57-12456-00	.WASHER	1	1		
16	N57-12437-00	.STOPPER	1	1		
17	N57-12431-00	.PLATE,WEAR	1	1		

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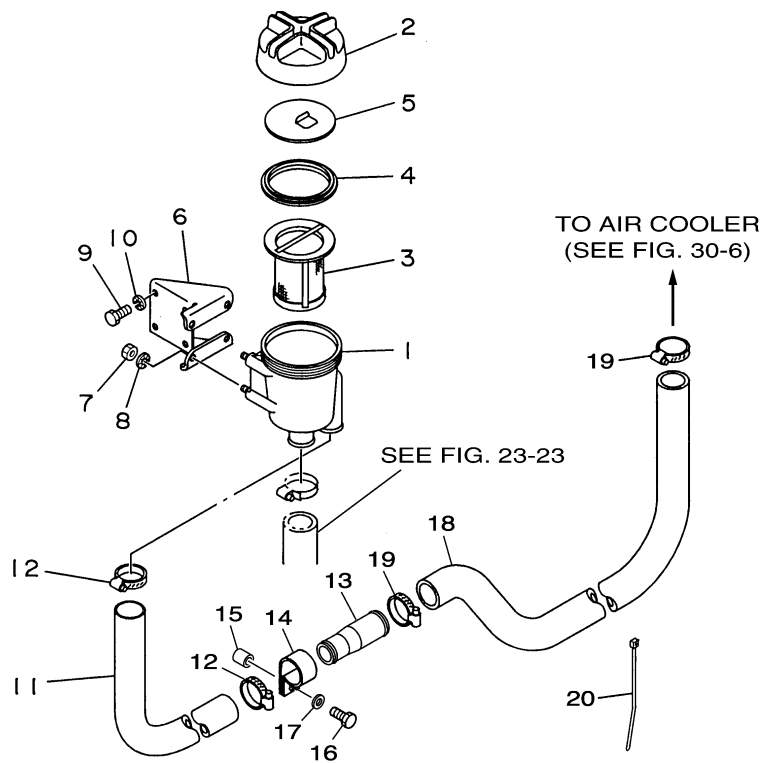


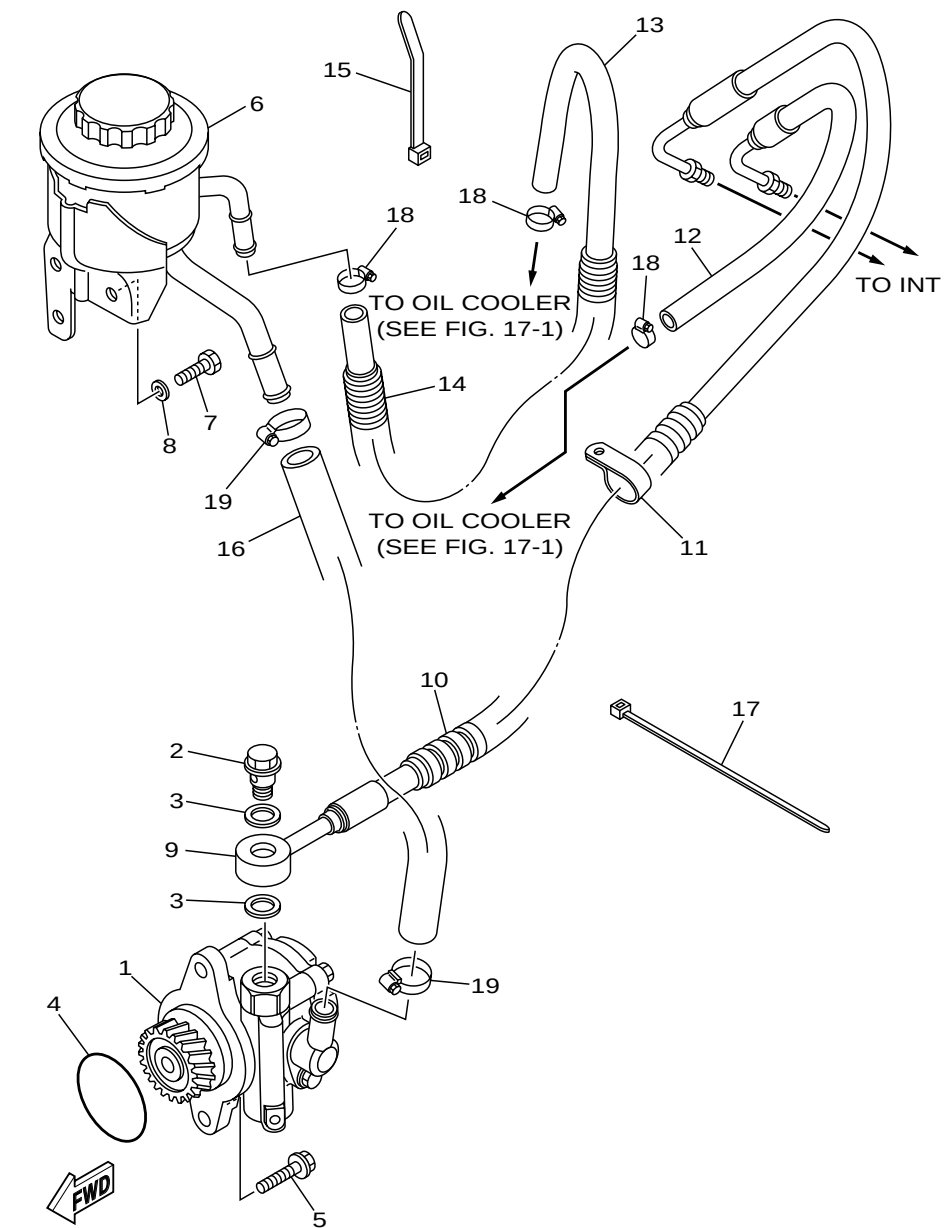
FIG. 25 WATER FILTER

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	6TA-76145-01	CASE	1	1				
2	6TA-51381-01	COVER	1	1				
3	6TA-76141-00	ELEMENT,WATER FILTER	1	1				
4	6TA-76143-00	GASKET 1	1	1				
5	6TA-76168-01	PLATE	1	1				
6	6TA-76146-00	BRACKET	1	1				
7	95317-08600	NUT	4	4				
8	92907-08600	WASHER, PLATE	4	4				
9	97027-08020	BOLT	3	3				
10	92907-08600	WASHER, PLATE	3	3				
11	N51-12589-01	HOSE 6	1	1				
12	90450-40009	HOSE CLAMP ASSY	2	2				
13	N51-12483-00	PIPE 3	1	1				
14	90461-14118	CLAMP	1	1				
15	90387-08258	COLLAR	1	1				
16	97027-08030	BOLT	1	1				
17	92907-08600	WASHER, PLATE	1	1				
18	N51-12551-00	HOSE 7	1	1				
19	90450-32008	HOSE CLAMP ASSY	2	2				
20	90464-20258	CLAMP	1	1				



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FIG. 26 POWER STEERING OIL PUMP

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
1	N60-7610B-00	POWER STEERING PUMP SUB ASSY	1	1		(44310-60410)
2	N60-17056-00	BOLT, UNION	1	1		(96341-41603)
3	N60-13475-00	GASKET	2	2		(44327-12060)
4	93210-626A7	O-RING	1	1		
5	90119-10MA4	BOLT, WITH WASHER	2	2		
6	N60-13430-00	OIL RESERVOIR ASSY	1	1		(44360-60220)
7	97027-08016	BOLT	3	3		
8	92907-08600	WASHER, PLATE	3	3		
9	N60-7617E-00	HOSE, POWER STEERING	1	1		
10	N60-46293-00	TUBE	1	1		
11	90461-10091	CLAMP	1	1		
12	6TA-7617F-00	HOSE, POWER STEERING	1	1		
13	6TA-7617G-00	HOSE, POWER STEERING	1	1		
14	N60-48317-00	TUBE	1	1		
15	90465-13M36	CLAMP	1	1		
16	N60-7617G-00	HOSE, POWER STEERING	1	1		
17	90465-13M60	CLAMP	1	1		
18	90460-16M18	CLAMP, HOSE	3	3		
19	90460-16192	CLAMP, HOSE	2	2		

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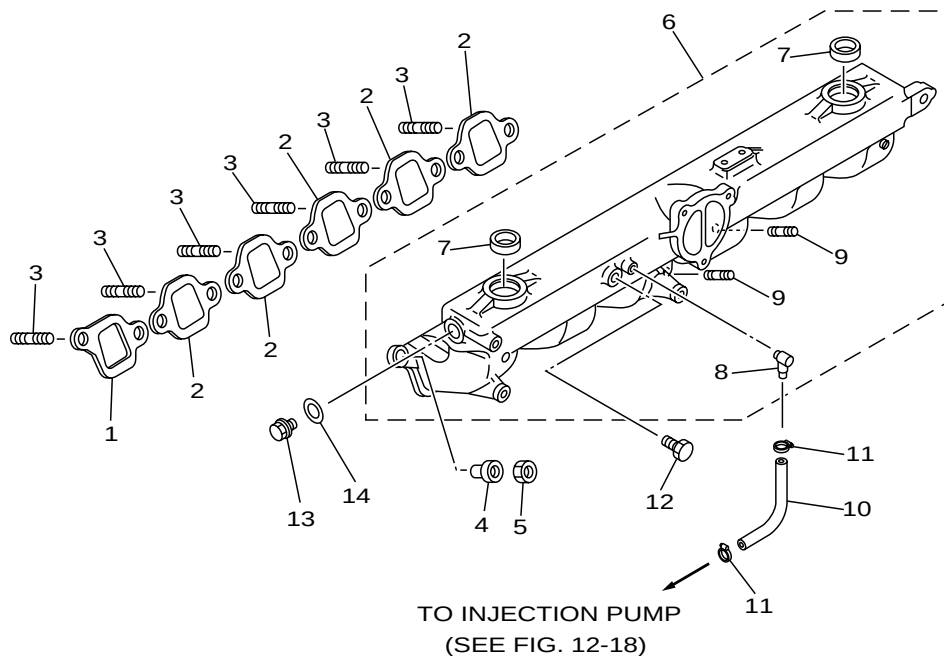


FIG. 27 INTAKE MANIFOLD

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	YU1-71711-70-10	INTAKE MANIFOLD GASKET	1	1				
2	YU1-71791-70-10	INTAKE MANIFOLD GASKET (NO.2)	5	5				
3	YU9-01090-81-88	BOLT, STUD	12	12				
4	YU9-02100-80-41	SPACER	12	12				
5	YU9-01790-80-40	NUT	12	12				
6	6TA-13640-00	MANIFOLD	1	1				
7	90331-30047	.PLUG	2	2				
8	6TA-11372-00	.NIPPLE, HOSE	1	1				
9	95617-06320	.BOLT, STUD	4	4				
10	6TA-13543-00	HOSE, AIR	1	1				
11	90450-12002	HOSE CLAMP ASSY	2	2				
12	90345-51003	PLUG	1	1				
13	90340-18099	PLUG, STRAIGHT SCREW	1	1				
14	90430-18236	GASKET	1	1				



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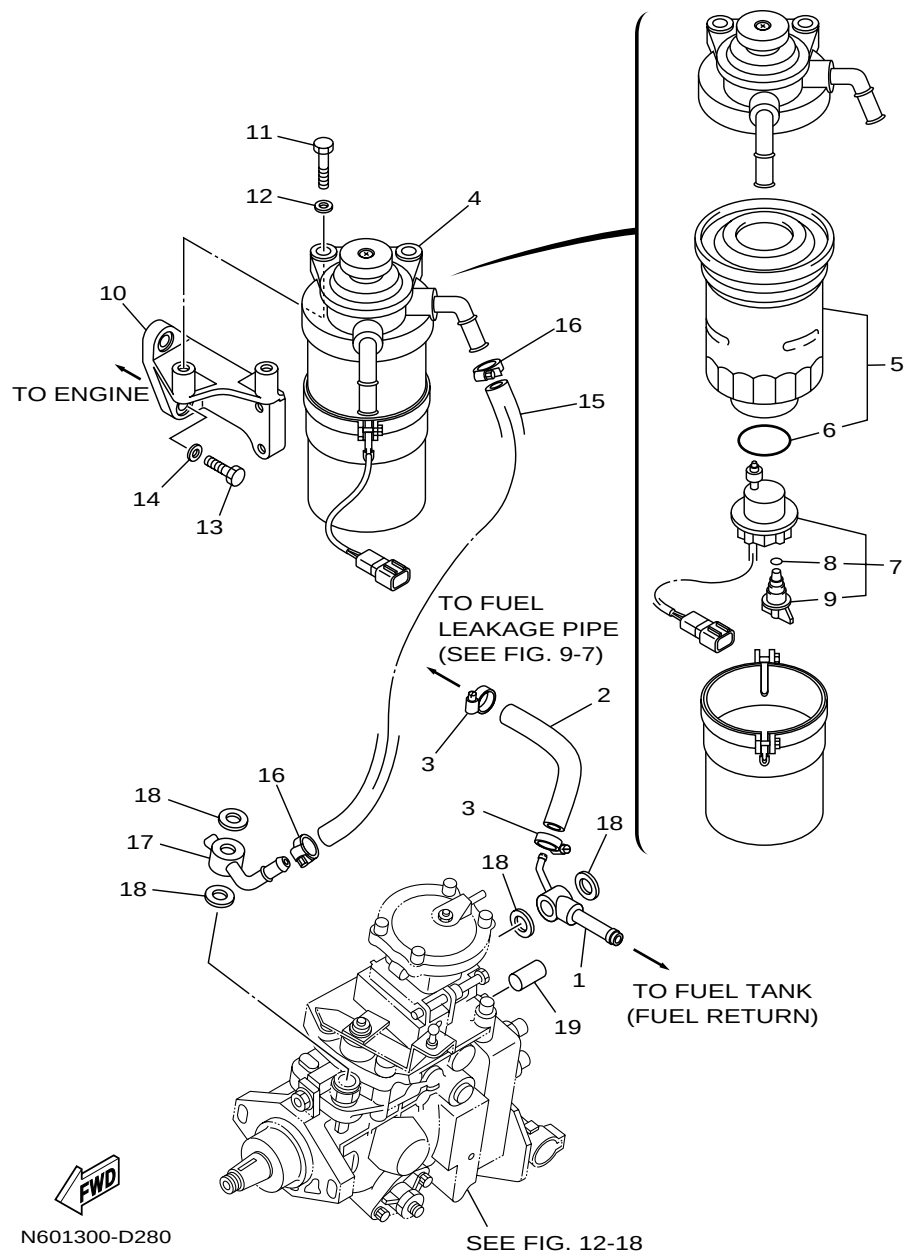


FIG. 28 FUEL FILTER

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
1	6TA-12888-00	PIPE,FUEL LEAKGE	1	1		(23300-17501)
2	N51-14294-00	HOSE	1	1		
3	90460-16M18	CLAMP, HOSE	2	2		
4	N57-24560-10	FILTER ASSY	1	1		
5	YU2-33906-44-80	.FILTER ASSY, FUEL	1	1		
6	YU2-33446-40-10	..O-RING	1	1		
7	6TA-24590-00	..SWITCH ASSY, LEVEL WARNING	1	1		
8	YU2-33445-40-10	..O-RING	1	1		
9	YU2-33226-40-10	..BOLT, DRAIN	1	1		
10	N60-24566-00	BRACKET, FILTER	1	1		
11	97027-08035	BOLT	2	2		(23811-17070)
12	92907-08600	WASHER, PLATE	2	2		
13	97027-08025	BOLT	2	2		
14	92907-08600	WASHER, PLATE	2	2		
15	N60-13971-00	PIPE, FUEL 1	1	1		
16	90450-16007	HOSE CLAMP ASSY	2	2		
17	N60-24311-00	PIPE, FUEL 1	1	1		
18	90430-12234	GASKET	4	4		
19	6TA-81318-00	TUBE	1	1		

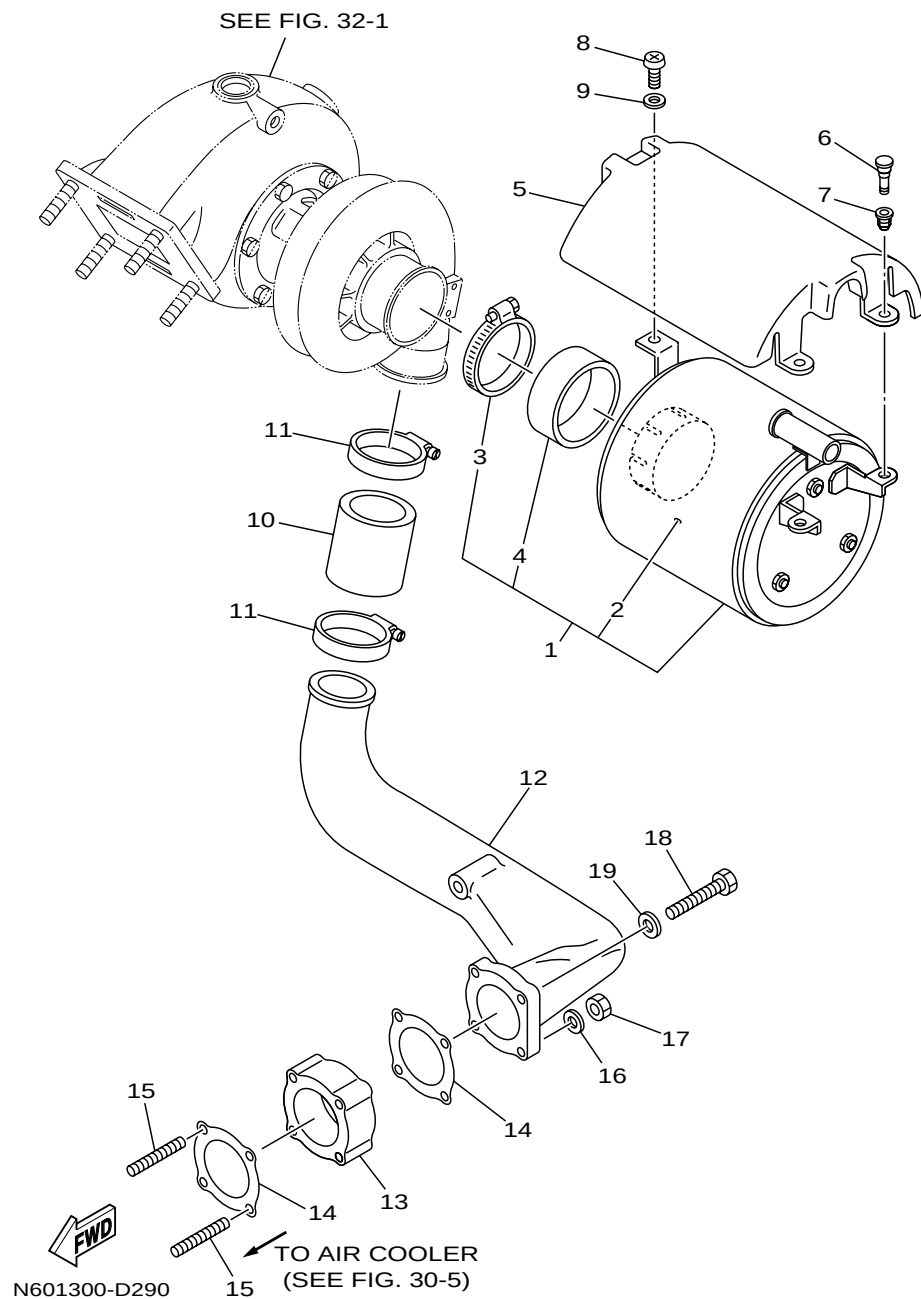


FIG. 29 AIR CLEANER

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	N57-14410-00	AIR CLEANER ASSY.	1	1				
2	N51-14451-00	.ELEMENT, AIR CLEANER	1	1				
3	70X-14455-00	.BAND	1	1				
4	71X-14452-02	.SEAL	1	1				
5	6TA-1449E-01	COVER, AIR CLEANER	1	1				
6	90338-08M14	PLUG	2	2				
7	90338-08M15	PLUG	2	2				
8	98507-06016	SCREW, PAN HEAD	1	1				
9	92907-06600	WASHER, PLATE	1	1				
10	90446-59239	HOSE	1	1				
11	90460-60M17	CLAMP, HOSE	2	2				
12	N51-13651-00	PIPE, BOOST	1	1				
13	N51-11445-00	SPACER	1	1				
14	6TA-13645-00	GASKET, MANIFOLD 1	2	2				
15	95627-06655	BOLT, STUD	2	2				
16	92907-06600	WASHER, PLATE	2	2				
17	95380-06600	NUT, HEXAGON	2	2				
18	97027-06055	BOLT	2	2				
19	92907-06600	WASHER, PLATE	2	2				

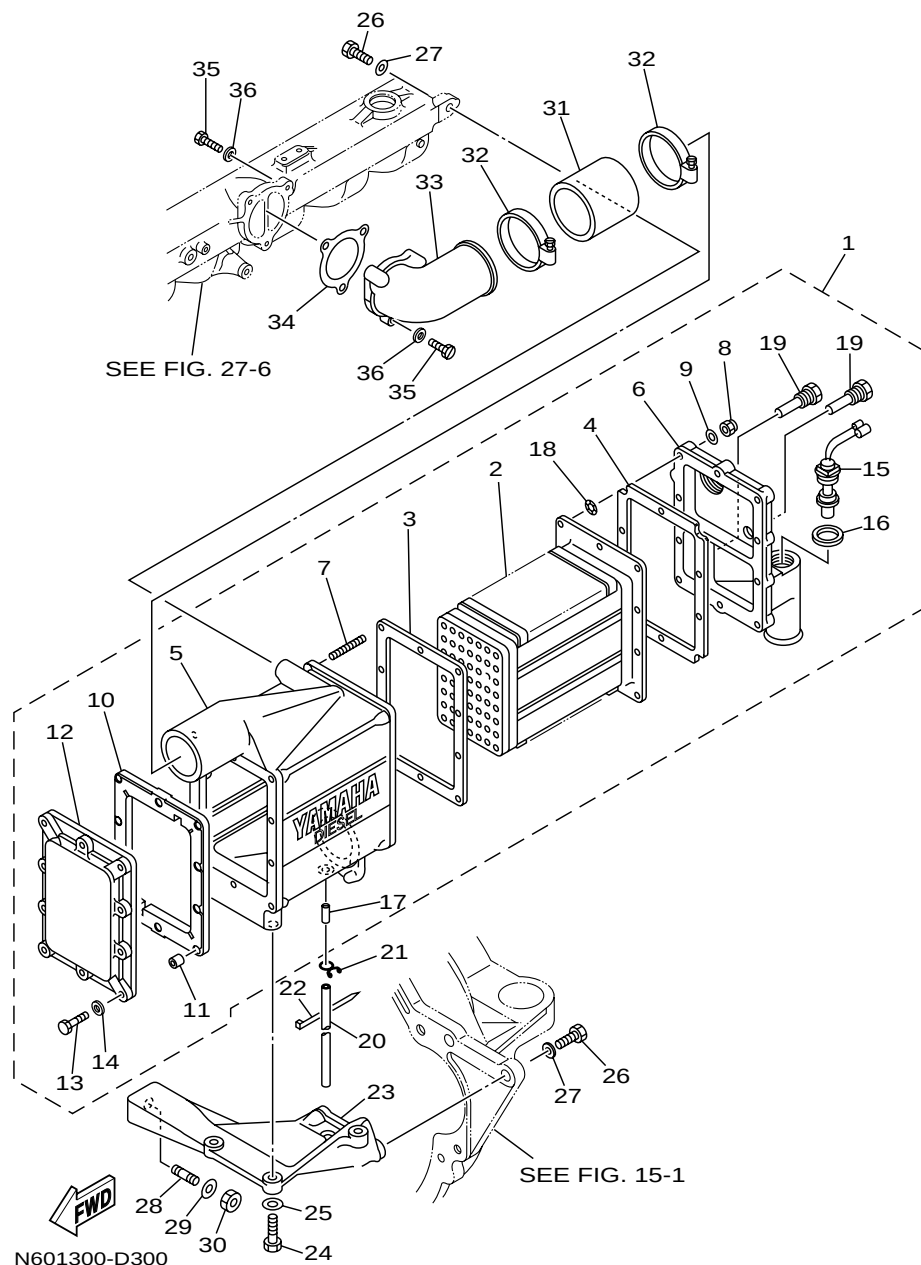


FIG. 30 AIR COOLER

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	N51-13670-10	AIR COOLER ASSY.	1	1				
2	N51-13601-01	.AIR COOLER ELEMENT COMP	1	1				
3	N49-13674-00	.GASKET, AIR COOLER COVER 1	1	1				
4	N51-13675-01	.GASKET, AIR COOLER COVER 2	1	1				
5	6TA-13671-00	.HOUSING, AIR COOLER	1	1				
6	N51-13673-10	.COVER,AIR COOLER 2	1	1				
7	95627-06635	.BOLT, STUD	10	10				
8	95780-06300	.NUT, FLANGE	10	10				
9	92990-06600	.WASHER, PLATE	10	10				
10	6TA-13679-02	.GSKT., AIR COOLER CAP 2	1	1				
11	90387-06M37	.COLLAR	10	10				
12	6TA-13672-01	.COVER,AIR COOLER 1	1	1				
13	97027-06040	.BOLT	10	10				
14	92907-06600	.WASHER, PLATE	10	10				
15	6T0-83605-01	.SENDER, WATER	1	1				
16	90430-26M05	.GASKET	1	1				
17	650-24378-00	.PIPE, JOINT 4	1	1				
18	90206-06090	.WASHER, WAVE	4	4				
19	N51-11325-00	.ANODE	2	2				
20	90445-09017	HOSE (L300)	1	1				
21	90467-08004	CLIP	1	1				
22	90465-13M60	CLAMP	1	1				
23	6TA-13691-01	BRACKET, AIR COOLER	1	1				
24	97027-10035	BOLT	3	3				
25	92907-10600	WASHER, PLATE	3	3				
26	97017-10030	BOLT	2	2				
27	90201-10774	WASHER, PLATE	2	2				

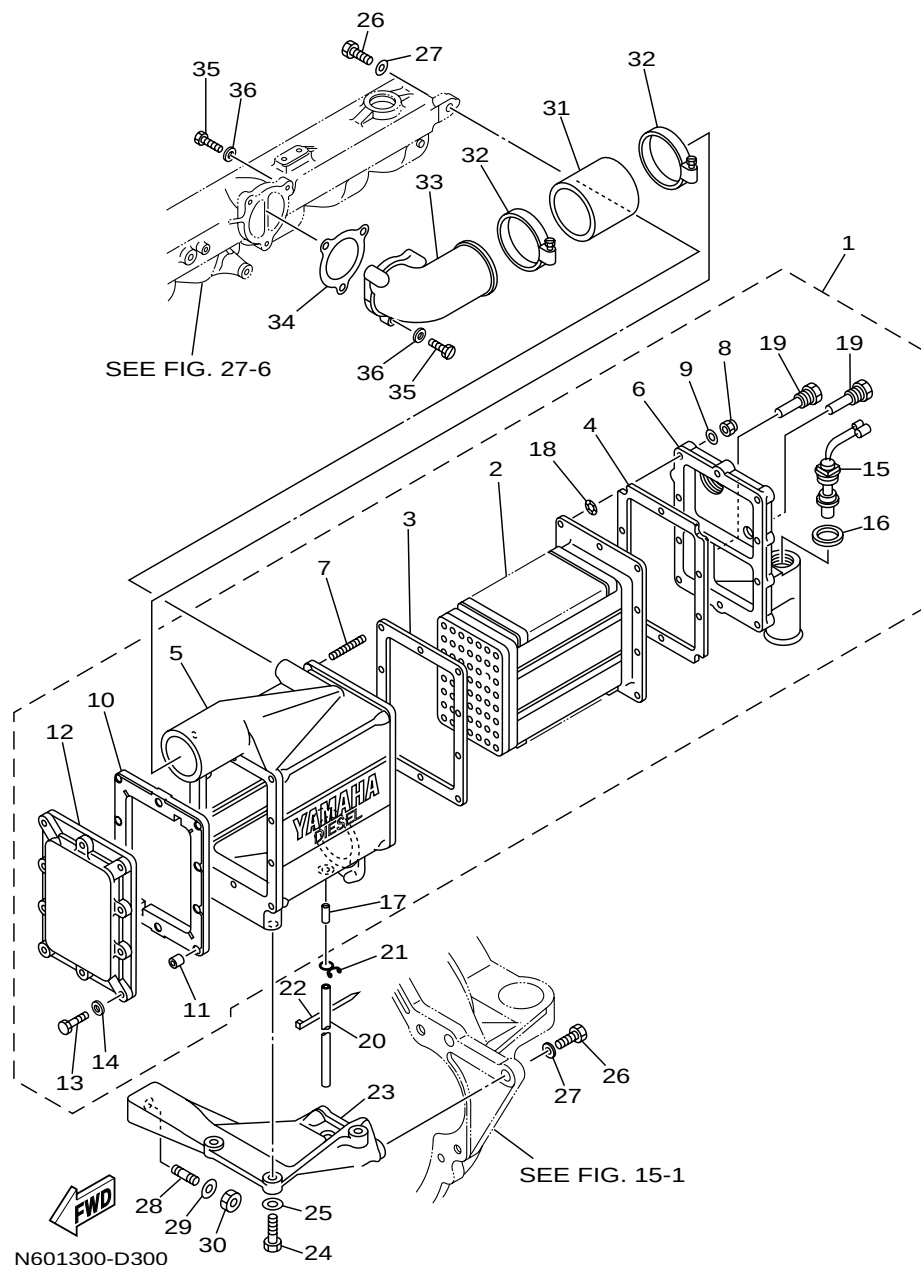


FIG. 30 AIR COOLER

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
28	95627-10330	BOLT, STUD	1	1		
29	90201-10774	WASHER, PLATE	1	1		
30	95317-10600	NUT	1	1		
31	90445-72M00	HOSE (L70)	1	1		
32	90450-82018	HOSE CLAMP ASSY	2	2		
33	6TA-13652-00	PIPE, INTAKE	1	1		
34	6TA-13556-00	GASKET, MANIFOLD	1	1		
35	97027-08025	BOLT	3	3		
36	92907-08600	WASHER, PLATE	3	3		

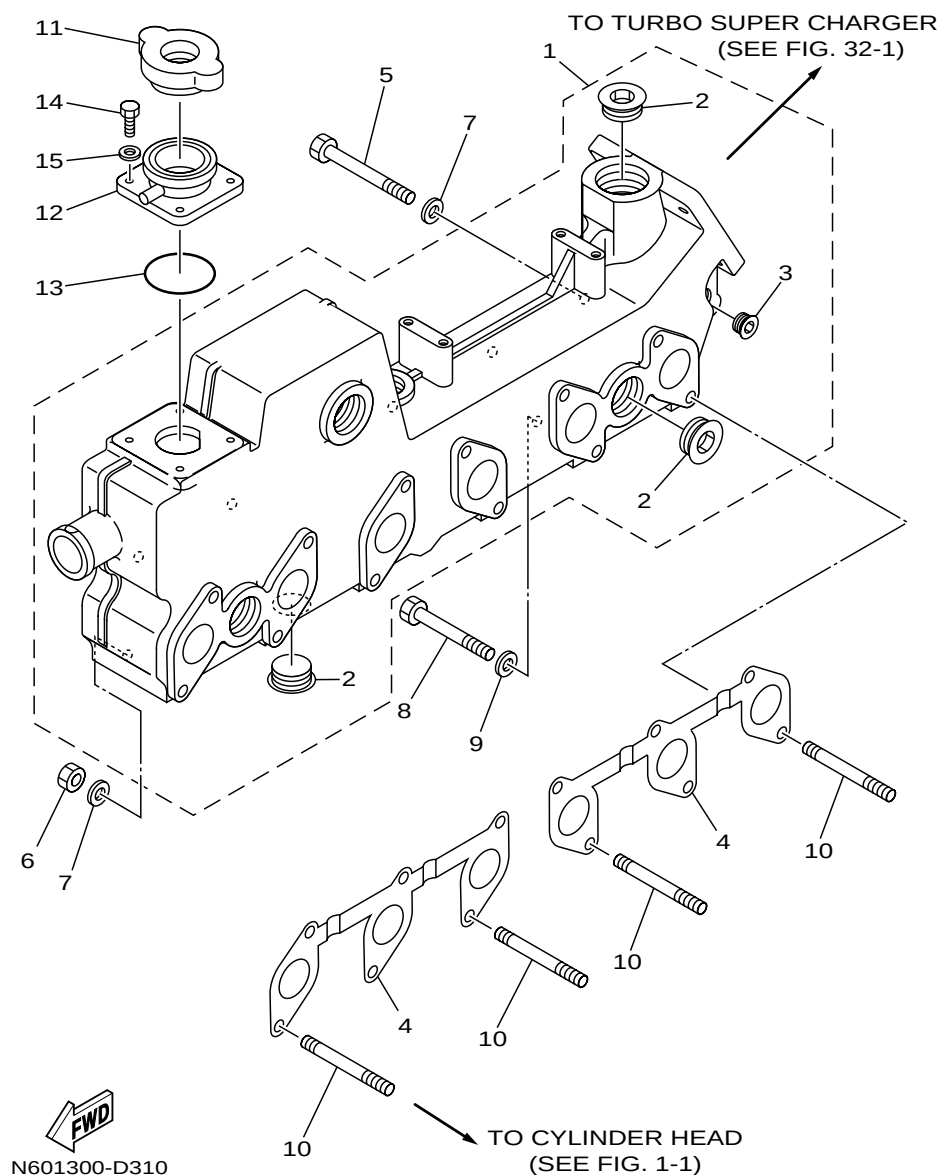


FIG. 31 EXHAUST 1

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	N51-41140-00	EXHAUST MANIFOLD COMP.	1	1				
2	90340-32044	.PLUG, STRAIGHT SCREW	7	7				
3	90344-53003	.PLUG, TAPER SCREW	1	1				
4	6TA-41133-00	GASKET,EXHAUST MANIFOLD 1	2	2				
5	97027-10095	BOLT	6	6				
6	95317-10600	NUT	4	4				
7	92907-10600	WASHER, PLATE	10	10				
8	97017-10080	BOLT	2	2				
9	92907-10600	WASHER, PLATE	2	2				
10	95617-10380	BOLT, STUD	4	4				
11	8A2-21815-00	CAP	1	1				
12	70R-12520-01	FILLER NECK COMP	1	1				
13	93210-54534	O-RING	1	1				
14	97027-06016	BOLT	4	4				
15	92907-06600	WASHER, PLATE	4	4				

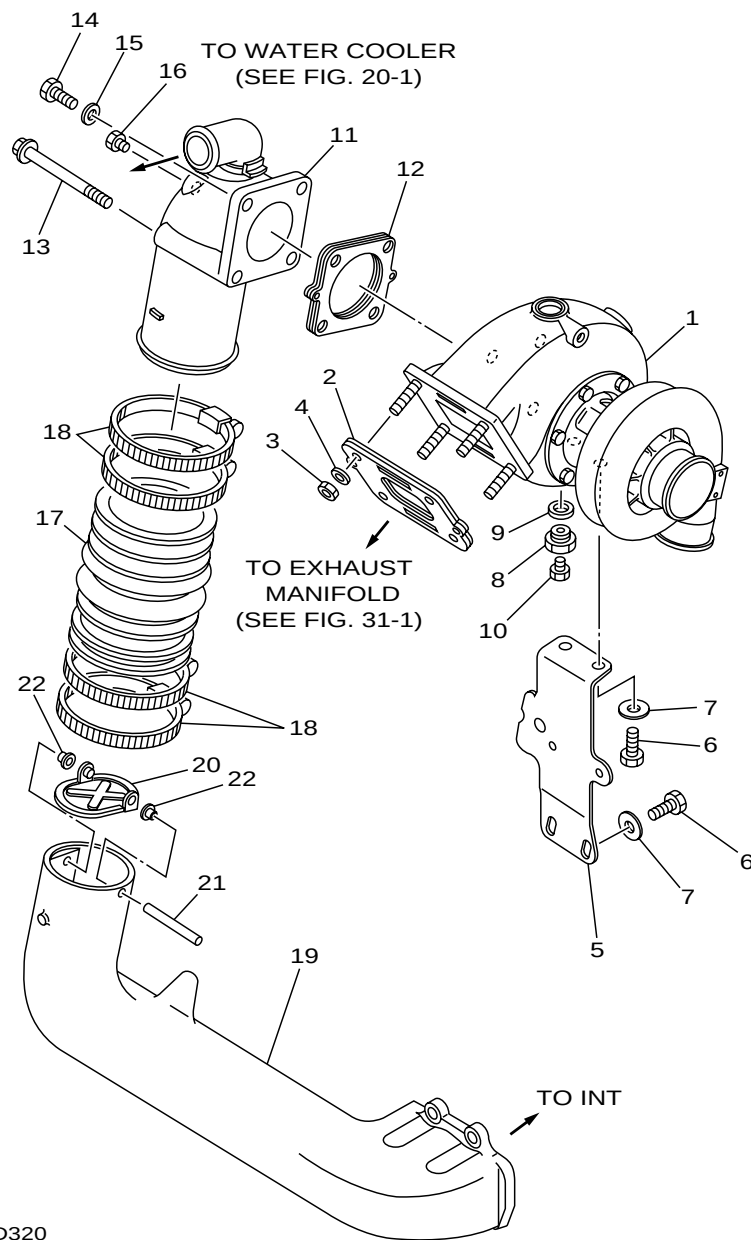


FIG. 32 EXHAUST 2

REF. NO.	PART NO.	DESCRIPTION	STP2	STP1			REMARKS
1	N51-14690-00	TURBO SUPERCHARGER ASSY	1	1			SEE FIG.33 AISAN(1100-64612)
2	6TA-14613-01	GASKET, EXHAUST 1	1	1			
3	95380-10600	NUT	8	8			
4	92990-10600	WASHER, PLATE	4	4			
5	6TA-1461L-01	BRACKET, 1-1	1	1			
6	97027-10025	BOLT	3	3			
7	90201-10774	WASHER, PLATE	3	3			
8	6TA-14991-00	PLUG,SCREW	1	1			
9	90430-24239	GASKET	1	1			
10	90345-51014	PLUG	1	1			
11	N60-14602-00	EXHAUST PIPE COMP.	1	1			
12	6TA-14643-00	GASKET 3	1	1			
13	95817-10110	BOLT, FLANGE	2	2			
14	97027-10025	BOLT	2	2			
15	92907-10600	WASHER, PLATE	2	2			
16	90345-51014	PLUG	1	1			
17	6TA-14615-00	JOINT, EXHAUST 1	1	1			
18	90460-99M19	CLAMP, HOSE	4	4			
19	6TA-14611-01	PIPE, EXHAUST 1	1	1			
20	6TA-14673-00	VALVE, WATER SHUT	1	1			
21	6TA-14745-00	SHAFT	1	1			
22	6T0-14664-00	GROMMET, WATER SHUT	2	2			

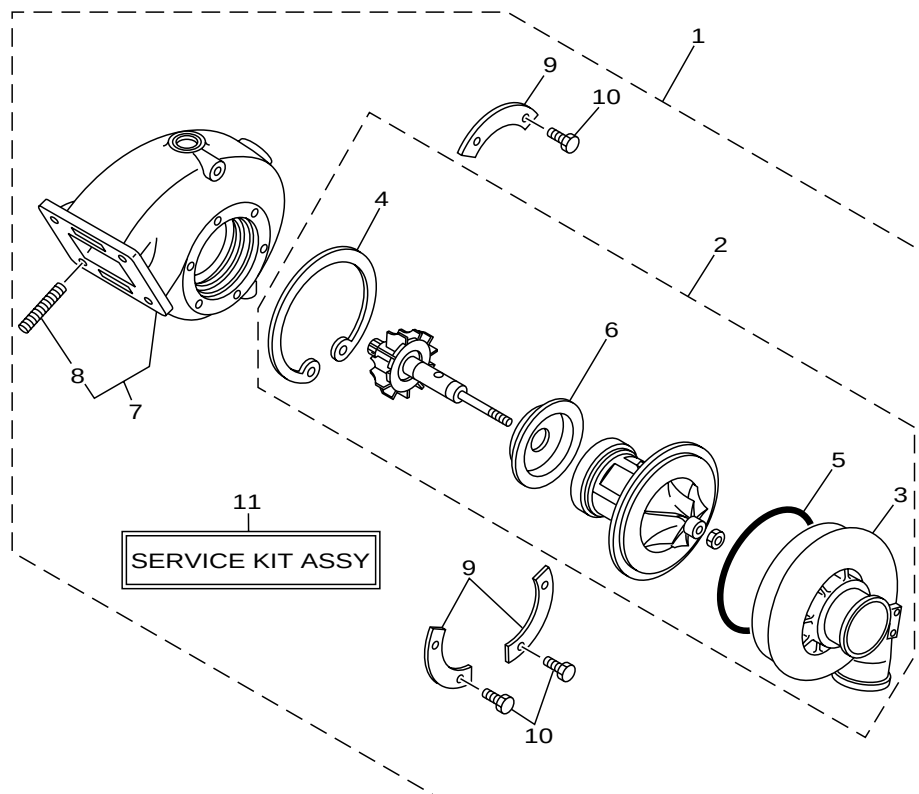


FIG. 33 TURBO SUPERCHARGER ASSY

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
1	N51-14690-00	TURBO SUPERCHARGER ASSY	1	1		SEE FIG.32-1
2	N51-14608-T0	.TURBINE HOUSING ASSY	1	1		AI SAN(1100-64612) (1509-64612)
3	N51-14607-T0	..COMPRESSOR COVER ASSY	1	1		(1492-64612)
4	6TA-14633-T0	..RING	1	1		(4625-64510-C)
5	6TA-14854-T0	..O-RING	1	1		(4617-64610)
6	6TA-14668-T0	..SHROUD, WHEEL	1	1		(3341-64610)
7	6TA-14658-T0	.HOUSING, TURBINE	1	1		(1508-64610-F)
8	6TA-14661-T0	..BOLT, STUD	4	4		(90116-10025-D)
9	6TA-14477-T0	.PLATE	3	3		(4329-64510-B)
10	6TA-14496-T0	.BOLT	6	6		(7713-64510-A)
11	N51-28120-T0	.SERVICE KIT ASSY(TURBO)	1	1		(1000-64610)



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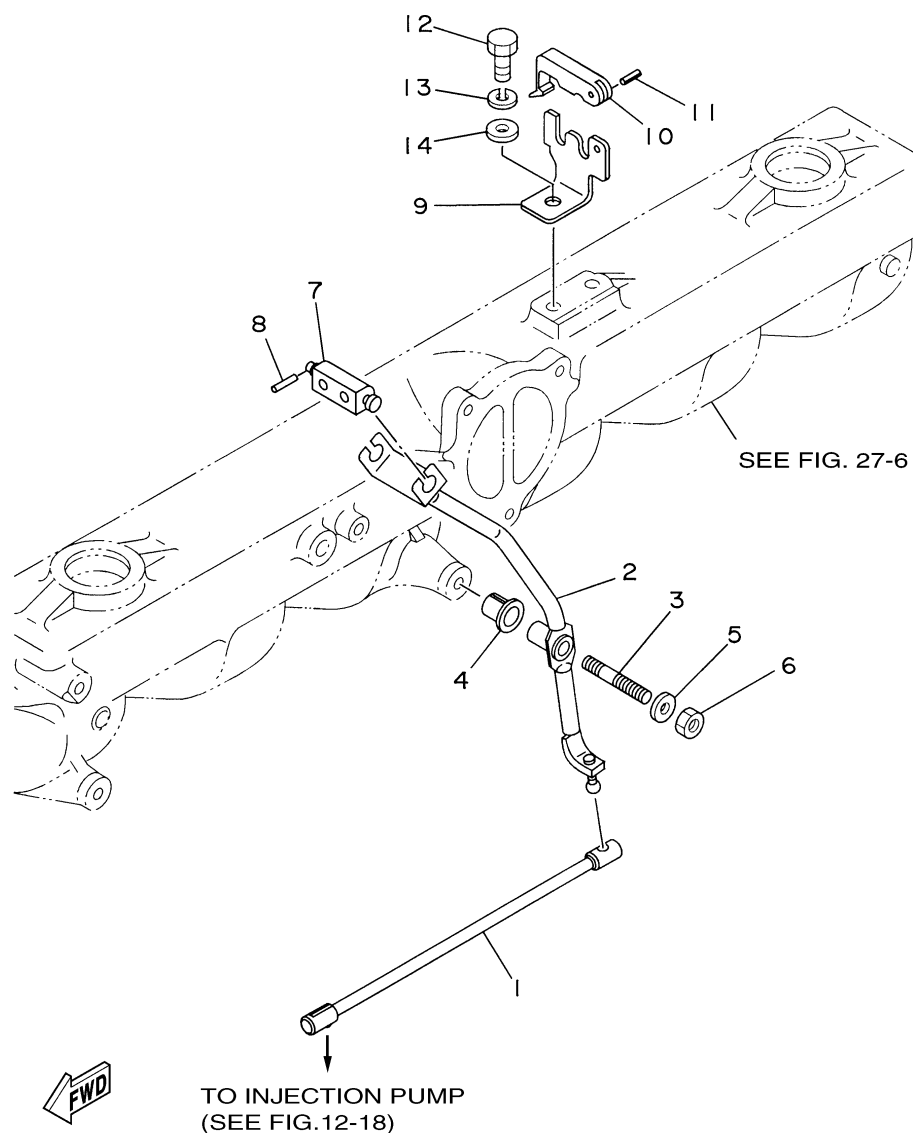


FIG. 34 THROTTLE CONTROL ATTACHMENT

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	6TA-41200-00	THROTTLE LINK COMP.	1	1				
2	6TA-41217-01	ROD, ACCEL. LEVER	1	1				
3	95627-08335	BOLT, STUD	1	1				
4	90386-10M86	BUSH	1	1				
5	90202-08M41	WASHER, PLATE	1	1				
6	95780-08300	NUT, FLANGE	1	1				
7	6TA-41226-00	END, THROTTLE LEVER	1	1				
8	91690-20016	PIN, SPRING	1	1				
9	6TA-48531-00	BRACKET, REMOTE CONTROL 1	1	1				
10	663-48538-00	CLAMP, CABLE 1	1	1				
11	91690-30012	PIN, SPRING	1	1				
12	97075-08016	BOLT	1	1				
13	92995-08100	WASHER	1	1				
14	92995-08600	WASHER	1	1				

A6

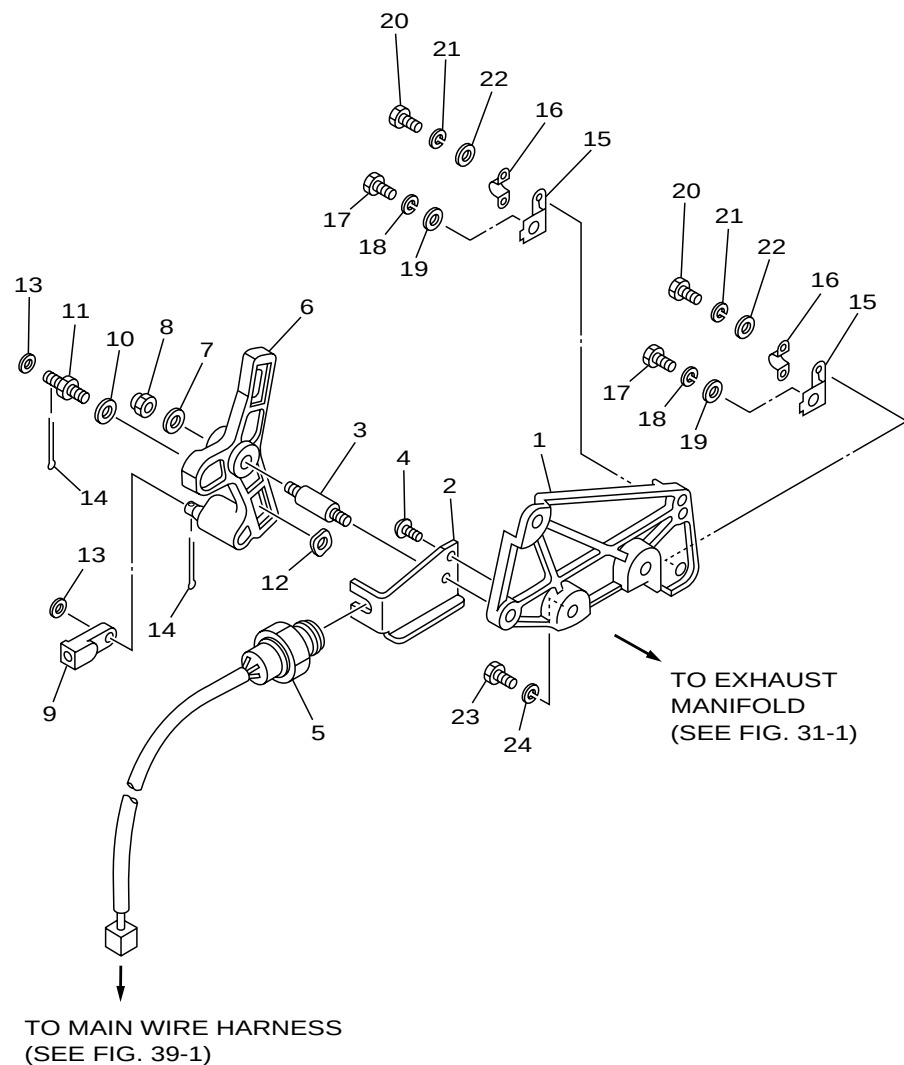
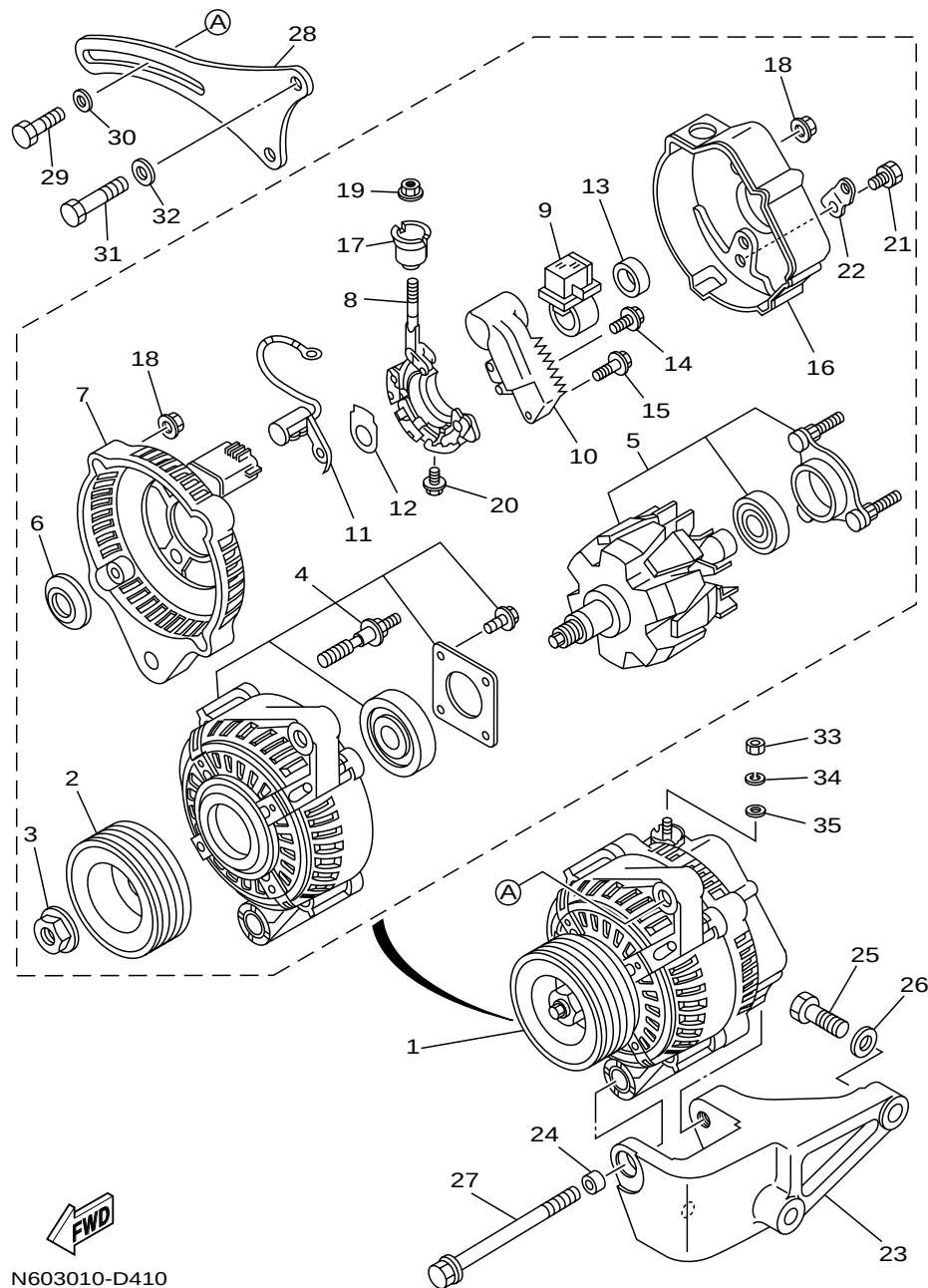


FIG. 35 SHIFT ASSIST UNIT

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	6T9-45693-01	PLATE, SHIFT 1	1	1				
2	6TA-82554-00	STAY, NEUTRAL SWITCH	1	1				
3	6T0-44178-00	BOLT, STUD	1	1				
4	90157-03M14	SCREW, PAN HEAD	1	1				
5	6TA-82540-01	NEUTRAL SWITCH ASSY	1	1				
6	6T9-46382-01	LEVER, SHIFT 1	1	1				
7	90201-08M02	WASHER, PLATE	1	1				
8	95780-08300	NUT, FLANGE	1	1				
9	6G8-26363-00	END, WIRE 1	1	1				
10	90201-06M62	WASHER, PLATE	1	1				
11	6T0-42195-00	PIN, JOINT 1	1	1				
12	90173-06M05	NUT, SQUARE	1	1				
13	92990-06600	WASHER, PLATE	2	2				
14	91490-20012	PIN, COTTER	2	2				
15	6TC-48531-01	BRACKET, REMOTE CONTROL 1	2	2				
16	6TA-48538-00	CLAMP, CABLE 1	2	2				
17	97075-08016	BOLT	2	2				
18	92995-08100	WASHER	2	2				
19	92995-08600	WASHER	2	2				
20	97095-05012	BOLT	4	4				
21	92995-05100	WASHER	4	4				
22	92995-05600	WASHER	4	4				
23	97095-08020	BOLT	3	3				
24	92995-08100	WASHER	3	3				

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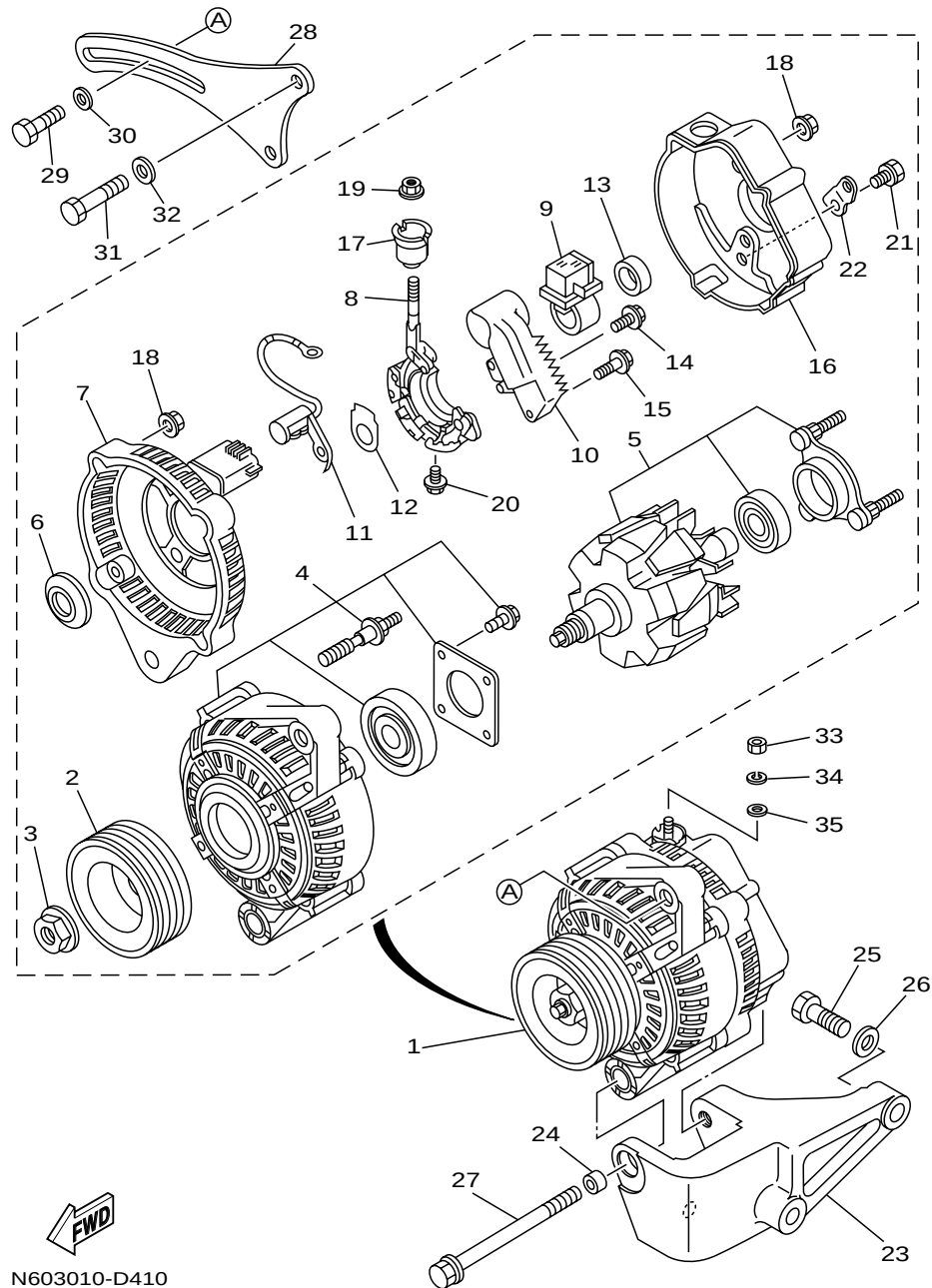


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FIG. 36 GENERATOR

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1	REMARKS
1	6TA-81600-01	A.C. GENARATOR ASSY	1	1	DENSO (101211-5300) (021041-6680)
2	6TA-81605-00	.PULLEY ASSY	1	1	
3	6TA-81608-00	.PULLEY NUT ASSY	1	1	(949056-2520)
4	6TA-81635-00	.FLAME, DRIVE END	1	1	(021400-6030)
5	6TA-81650-00	.ROTOR ASSY	1	1	(021200-5000)
6	6TA-81675-00	.WASHER, SPECIAL	1	1	(021542-0160)
7	6TA-81636-00	.FLAME END, REAR	1	1	(021501-6550)
8	6TA-81606-00	.HOLDER ASSY	1	1	(021580-4510)
9	6TA-81613-00	.HOLDER, BRUSH	1	1	(021620-2720)
10	6TA-81910-00	.VOLTAGE REGULATOR ASSY	1	1	(126000-1670)
11	6TA-8162G-00	.BUSH, TERMINAL 1	4	4	(021605-1970)
12	6TA-81642-00	.O-RING	1	1	(021626-0190)
13	6TA-81638-00	.OIL SEAL	1	1	(021626-0250)
14	3FV-81645-00	.SCREW	3	3	(949006-5460)
15	6TA-81646-00	.SCREW 2	2	2	(949007-5110)
16	6TA-81604-00	.COVER ASSY	1	1	(021551-2260)
17	6TA-8162H-00	.BUSH, TERMINAL 2	1	1	(021605-2070)
18	6TA-81657-00	.NUT, GENERATOR	7	7	(949056-2481)
19	6TA-8162K-00	.NUT, TERMINAL	1	1	(947056-3080)
20	6TA-81647-00	.SCREW 3	4	4	(949007-6280)
21	6TA-81648-00	.SCREW 4	1	1	(949006-6401)
22	6TA-8165G-00	.PLTE, TERMINAL	1	1	(021602-5230)
23	6TA-81681-00	BRACKET, A.C. GENERATOR	1	1	
24	90387-10M07	COLLAR	1	1	
25	97027-12035	BOLT	2	2	
26	92907-12600	WASHER, PLATE	2	2	
27	95827-10090	BOLT, FLANGE	1	1	

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FIG. 36 GENERATOR

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
28	6TA-87182-00	BAR,BELT ADJUST	1	1		
29	97027-08025	BOLT	1	1		
30	90201-084K5	WASHER, PLATE	1	1		
31	97027-10055	BOLT	2	2		
32	92907-10600	WASHER, PLATE	2	2		
33	95317-06600	NUT	1	1		
34	92907-06100	WASHER, SPRING	1	1		
35	92907-06200	WASHER	1	1		

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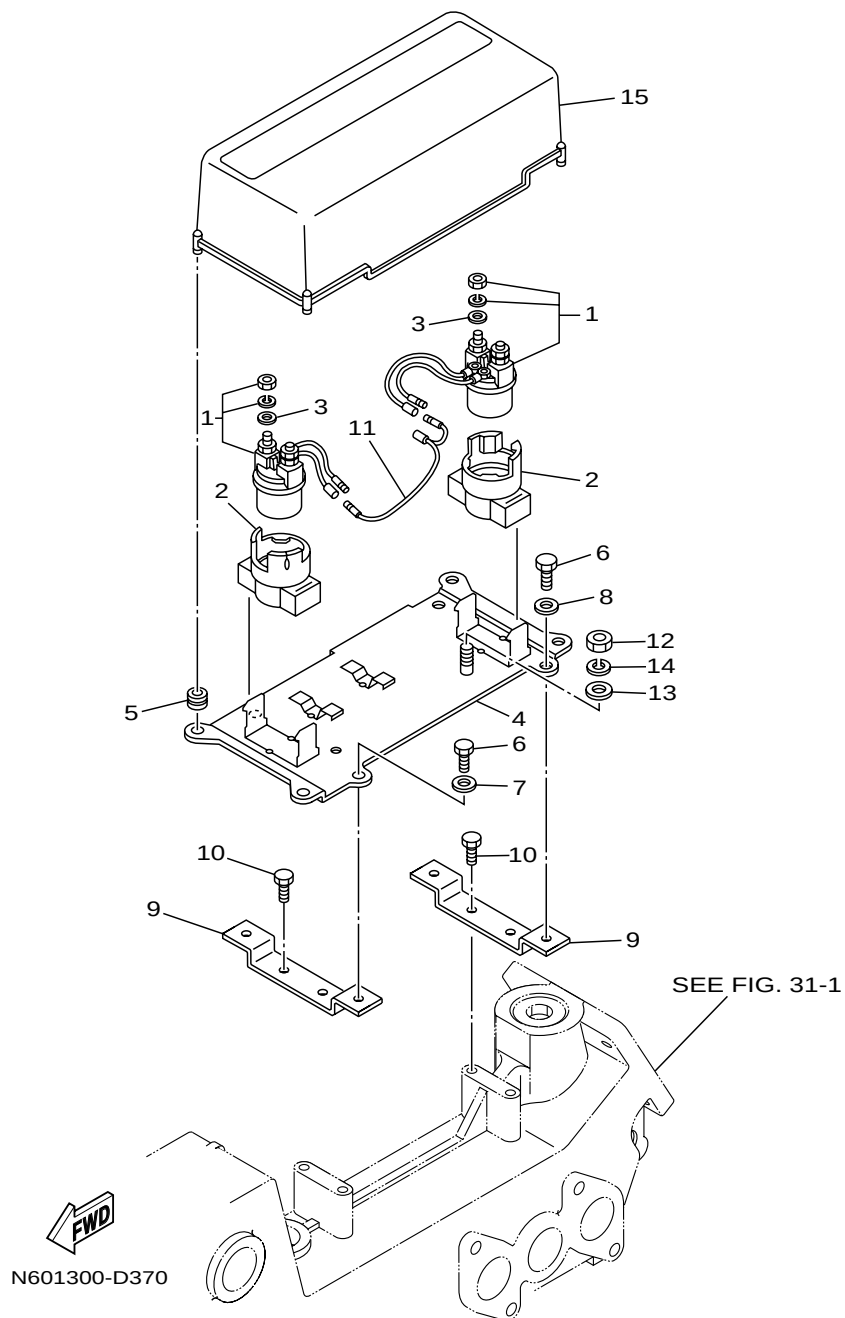
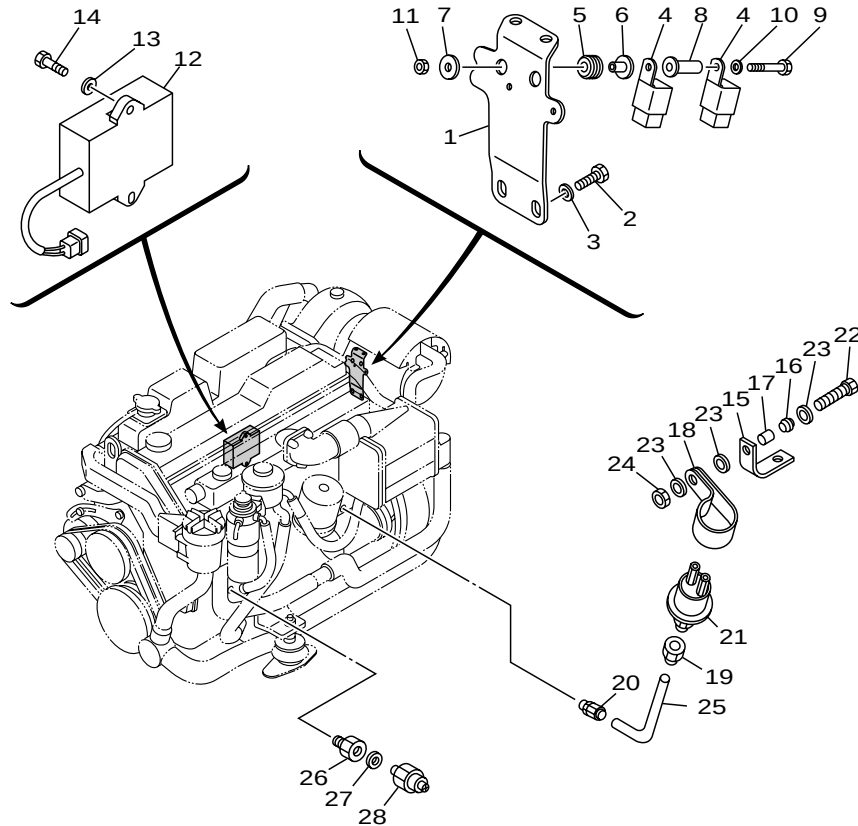


FIG. 37 ELECTRICAL 1

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	6T3-81941-00	STARTER RELAY ASSY	2	2				
2	6M6-81952-01	HOLDER, RELAY	2	2				
3	92990-06200	WASHER, PLAIN	2	2				
4	N51-81953-00	STAY, RELAY	1	1				
5	90480-10M58	GROMMET	4	4				
6	97080-06012	BOLT	4	4				
7	92990-06600	WASHER, PLATE	2	2				
8	90201-06M30	WASHER, PLATE	2	2				
9	6TC-1461M-00	BRACKET, 1-2	2	2				
10	97095-06008	BOLT	4	4				
11	6TA-82519-00	WIRE, EARTH LEAD	1	1				
12	95380-10600	NUT	1	1				
13	92990-10600	WASHER, PLATE	1	1				
14	92990-10100	WASHER, SPRING	1	1				
15	6TA-85599-00	COVER	1	1				

B3

FIG. 38 ELECTRICAL 2

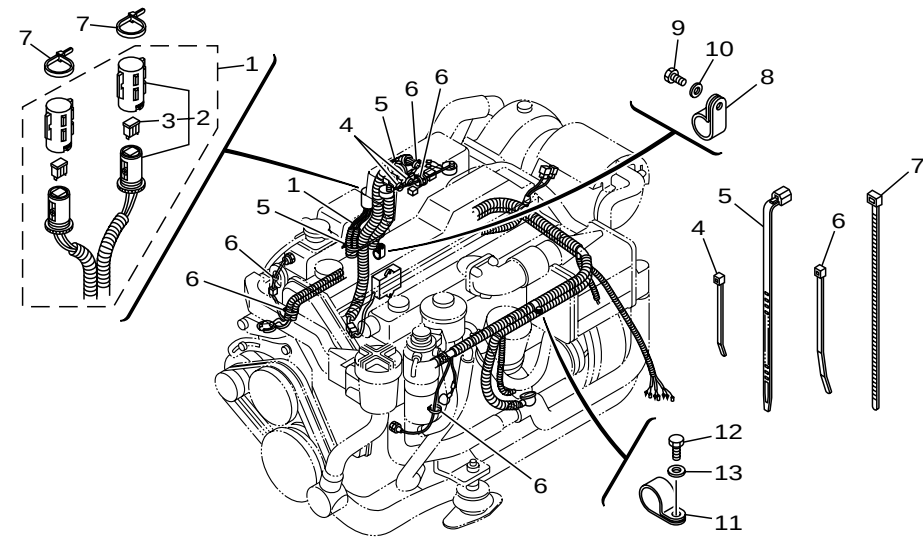



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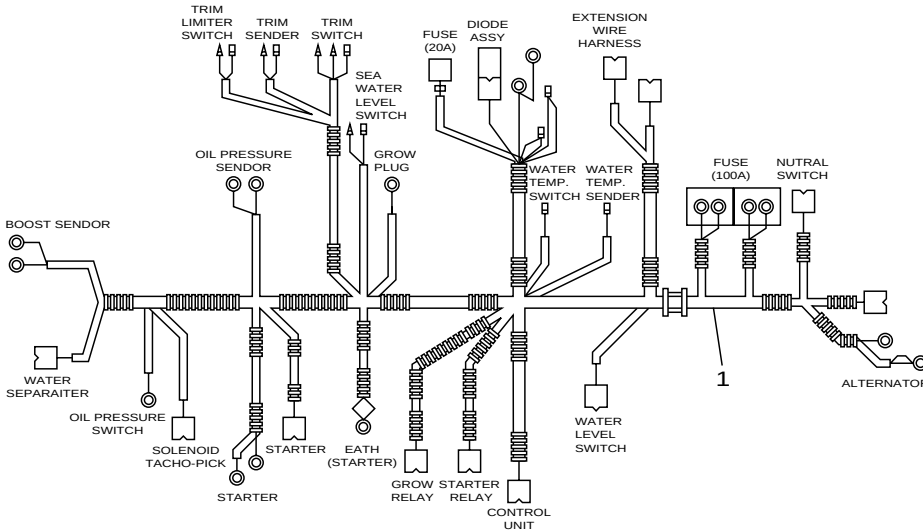
REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	6TA-85542-00	BRACKET	1	1				
2	97027-12020	BOLT	2	2				
3	92907-12600	WASHER, PLATE	2	2				
4	6TA-81950-00	RELAY ASSY	2	2				
5	90480-09M21	GROMMET	1	1				
6	90387-06M41	COLLAR	1	1				
7	90201-06416	WASHER, PLATE	1	1				
8	90387-06M19	COLLAR	1	1				
9	97027-06045	BOLT	1	1				
10	92907-06600	WASHER, PLATE	1	1				
11	95317-06600	NUT	1	1				
12	6TA-85910-01	CONTROL UNIT ASSY	1	1				
13	90201-06045	WASHER, PLATE	2	2				
14	97027-06020	BOLT	2	2				
15	6TA-83614-00	BRACKET	1	1				
16	90480-14M45	GROMMET	1	1				
17	90387-08M22	COLLAR	1	1				
18	90461-14119	CLAMP	1	1				
19	N23-51761-00	JOINT 1	1	1				
20	N23-51762-00	JOINT 2	1	1				
21	6TA-83651-00	SENDER, OIL PRESSURE	1	1				UR 1 STATION
	6TA-83651-10	SENDER, OIL PRESSURE	1	1				UR 2 STATION
22	97017-08030	BOLT	1	1				
23	90201-08M02	WASHER, PLATE	3	3				
24	95337-08600	NUT	1	1				
25	6TA-83781-00	TUBE	1	1				
26	6TA-82378-00	CONNECTOR	1	1				
27	90430-10200	GASKET	1	1				
28	716-82504-00	OIL PRESSURE SWITCH ASSY	1	1				

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FIG. 39 ELECTRICAL 3



REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
1	N60-82590-00	WIRE HARNESS ASSY	1	1		
2	6T0-82150-00	.FUSE HOLDER ASSY	2	2		
3	6T0-82151-00	..FUSE (100A)	1	1		
4	90465-11M10	CLAMP	2	2		
5	90465-13M30	CLAMP	2	2		
6	90465-13M36	CLAMP	6	6		
7	90465-15M54	CLAMP	2	2		
8	90461-10091	CLAMP	1	1		
9	97027-08016	BOLT	1	1		
10	90201-084K5	WASHER, PLATE	1	1		
11	90461-10091	CLAMP	1	1		
12	97027-08016	BOLT	1	1		
13	92907-08200	WASHER	1	1		



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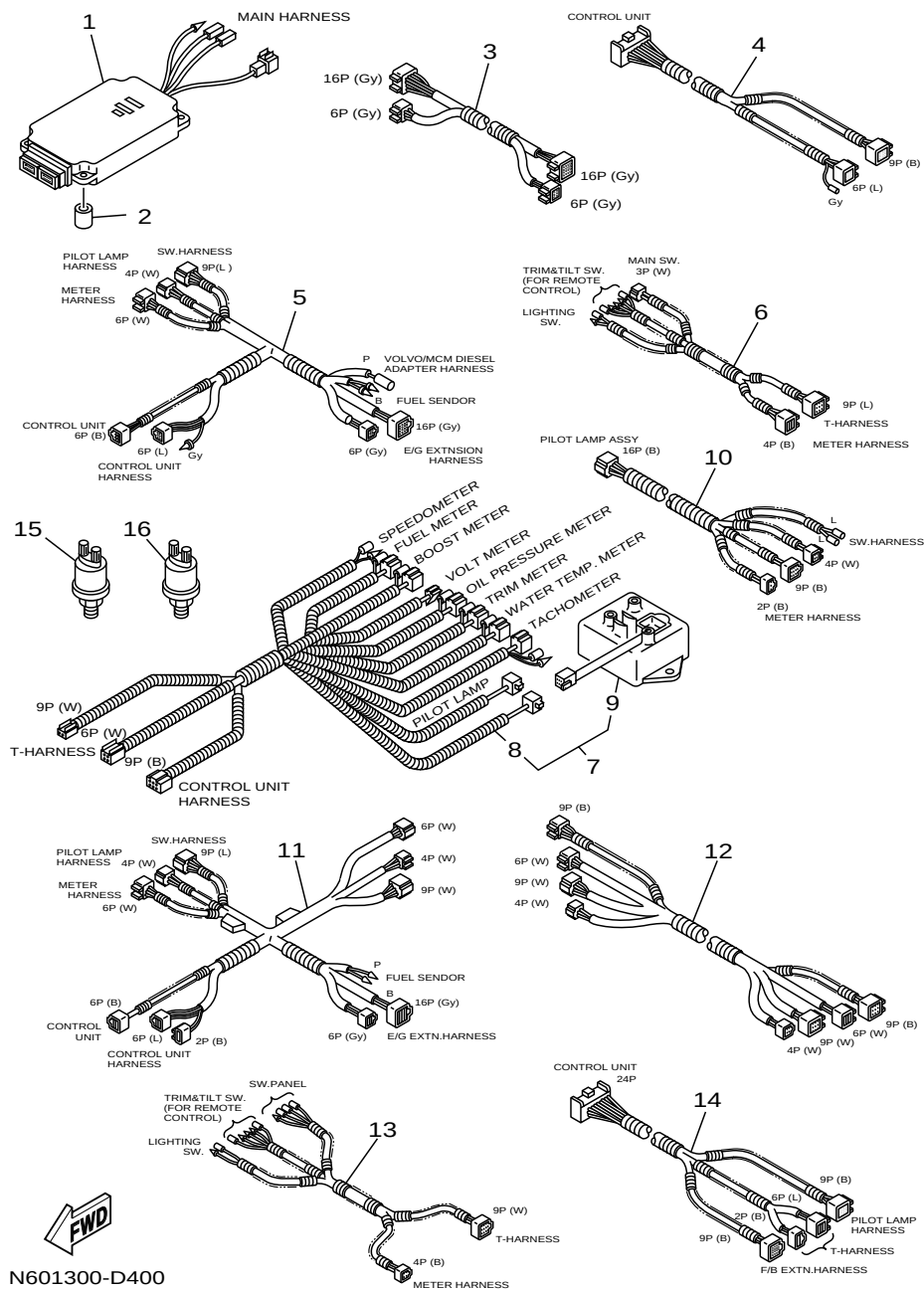
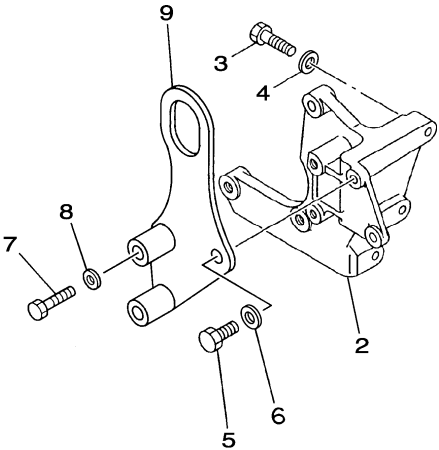


FIG. 40 ELECTRICAL 4

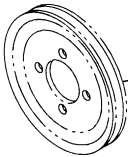
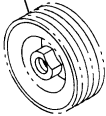
REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1			REMARKS
1	6YF-85590-11	CONTROL UNIT ASSY	1	1			
2	90387-07M02	COLLAR	4	4			
3	6TA-82586-00	EXTENSION, WIREHARNESS	1	1			L=6M
4	6YF-82586-B0	EXTENSION, WIRE HARNESS	1	1			1ST.,CONT-UNIT
5	6YF-8258A-80	EXTENSION, WIRE HARNESS	1	1			1 STATION
6	6YF-82580-70	WIRE HARNESS ASSY 2	1	1			
7	6YF-82580-Y0	WIRE HARNESS ASSY 2	1	1			
8	6YF-82580-91	.WIRE HARNESS ASSY 2	1	1			
9	6YF-85370-10	.RESISTOR ASSY	1	1			
10	6YF-82580-30	WIRE HARNESS ASSY 2	1	1			INDICATER LIGHT P
11	6YF-8258A-10	EXTENSION, WIRE HARNESS	1	1			2ST.,T-HARNESS
12	6YF-82586-10	EXTENSION, WIRE HARNESS	1	1			2ST.,SUBSTATION
13	6YF-82580-80	WIRE HARNESS ASSY 2	1	1			2ST.,START/STOP
14	6YF-82586-70	EXTENSION, WIRE HARNESS	1	1			2ST.,CONT-UNIT
15	6TA-83651-00	SENDER, OIL PRESSURE	1	1			1 STATION
	6TA-83651-10	SENDER, OIL PRESSURE	1	1			2 STATION
16	6TA-83681-00	SENDER, BOOST PRESSURE	1	1			

FIG. 41 PULLEYS & BELTS

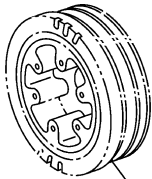
REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	6TA-12444-00	BELT 1	2	2				
2	6TA-7612H-00	BRKT., P.S. PUMP 1	1	1				
3	97027-10035	BOLT	4	4				
4	92907-10600	WASHER, PLATE	4	4				
5	97027-10025	BOLT	1	1				
6	92907-10600	WASHER, PLATE	1	1				
7	97027-10050	BOLT	2	2				
8	92907-10600	WASHER, PLATE	2	2				
9	6TA-11119-00	HANGER,ENGINE	1	1				



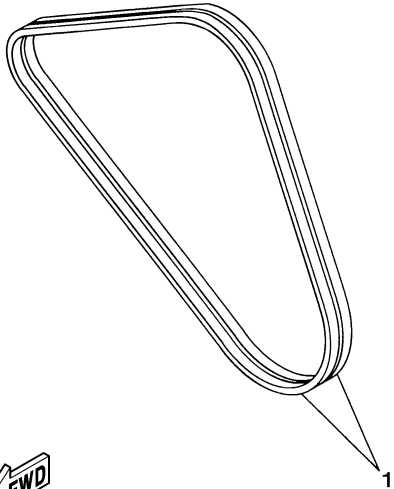
SEE FIG. 37-2



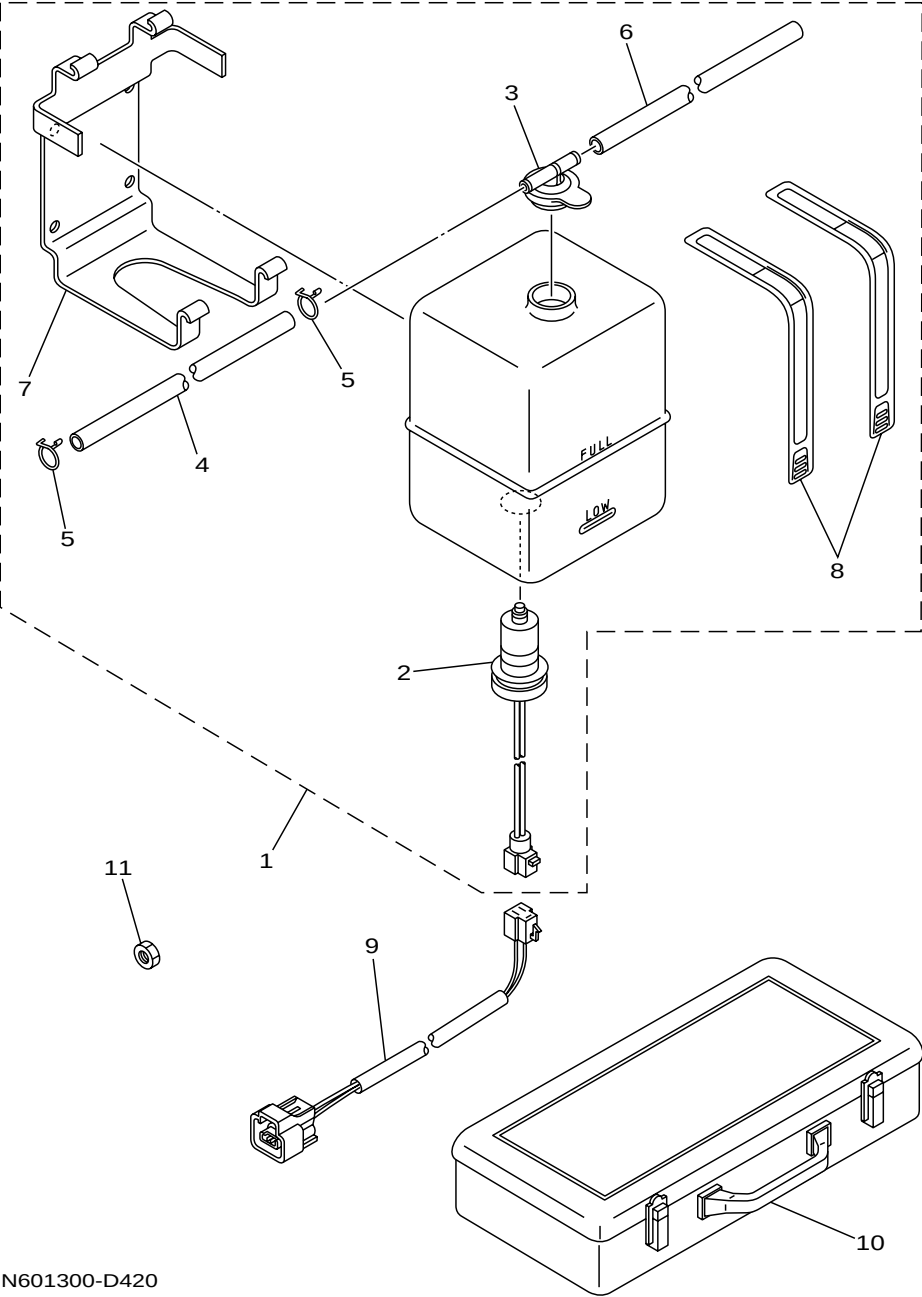
SEE FIG. 8-9



SEE FIG. 4-16



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N601300-D420

C1

FIG. 42 RESERVE TANK

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
1	6TA-76170-00	RESERVE TANK ASSY.	1	1		
2	6TA-83607-00	.WATER LEVEL SW. ASSY.	1	1		
3	6TA-76173-00	.CAP, RESERVOIR TANK	1	1		
4	6TA-25895-00	.HOSE, RESERVOIR	1	1		
5	6TA-12486-00	.CLIP	2	2		
6	6TA-2589E-00	.HOSE (L=625)	1	1		
7	6TA-76171-00	.BRACKET,RESERVE TANK	1	1		
8	6TA-77973-00	.BAND	2	2		
9	N23-82521-00	WIRE, LEAD (L=3000)	1	1		LEVEL CLEEN WATER
10	6TA-28100-00	TOOL KIT	1	1		
11	90170-05M29	NUT	1	1		REMO-CON CABLE

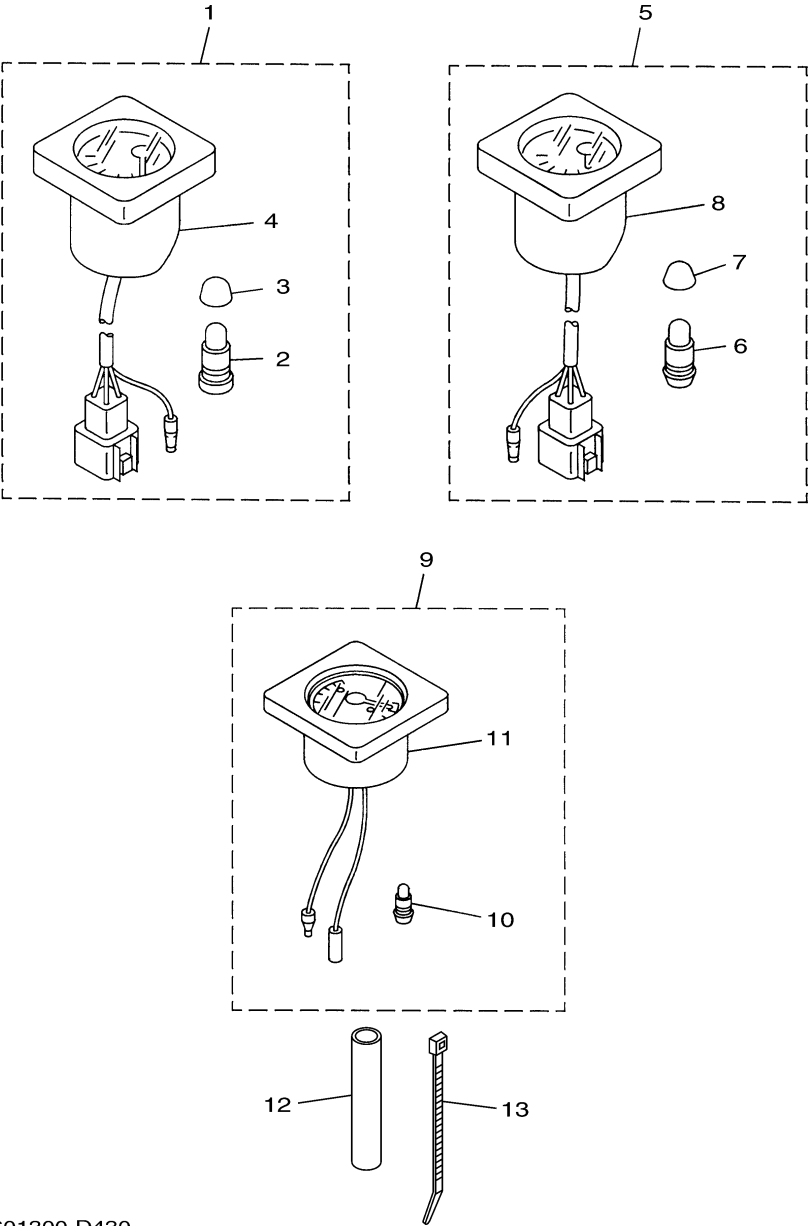
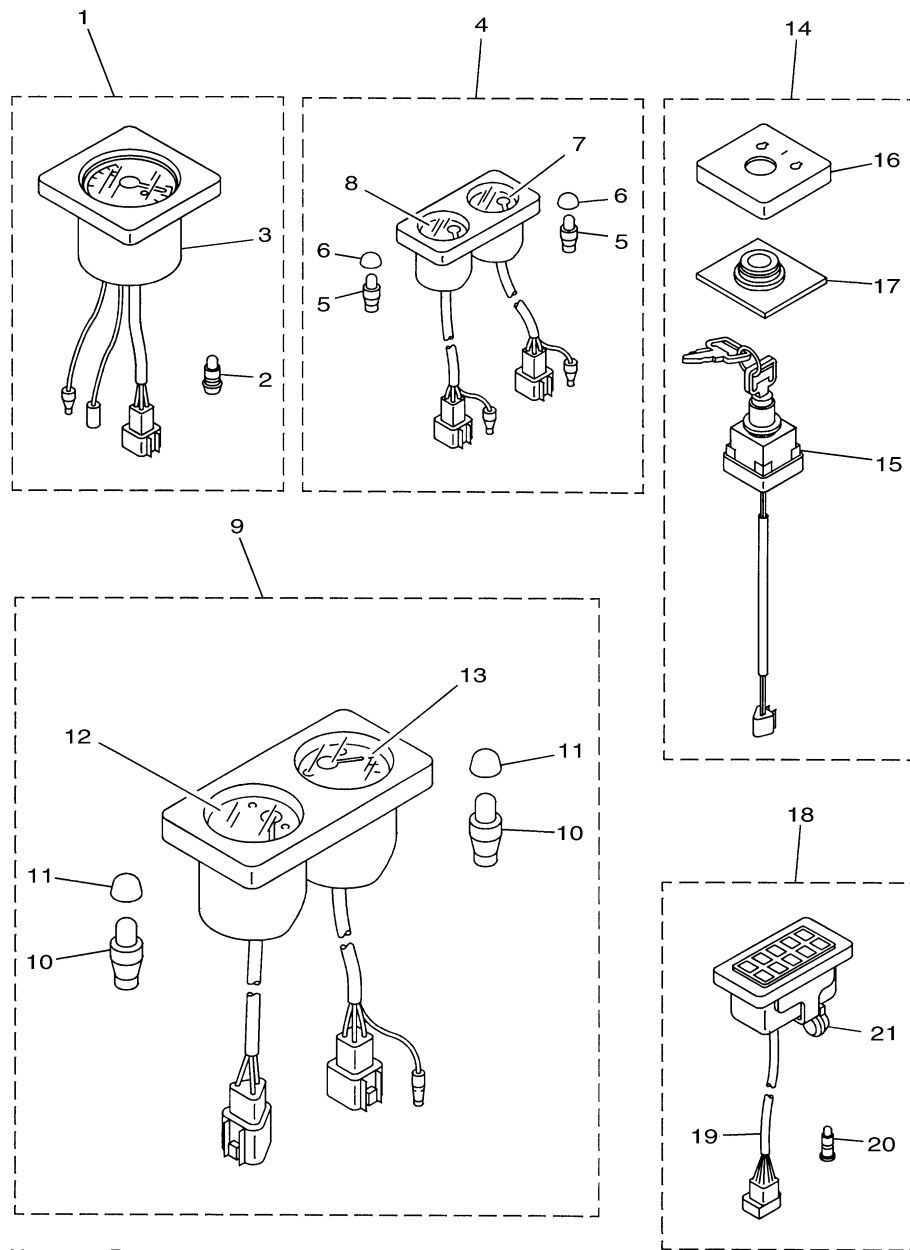


FIG. 43 METER 1

REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1				REMARKS
1	6YF-83600-E1	FUEL METER ASSY	1	1				
2	6YF-83518-00	.BULB, METER (T6.5, 14V-1.4W)	1	1				
3	6YF-83606-00	.CAP, BULB	1	1				
4	6YF-85750-11	.FUEL METER ASSY	1	1				
5	6YF-83600-D1	BOOST METER ASSY	1	1				
6	6YF-83518-00	.BULB, METER (T6.5, 14V-1.4W)	1	1				
7	6YF-83606-00	.CAP, BULB	1	1				
8	6YF-83680-11	.BOOST PRESSURE METER ASSY	1	1				
9	6YF-83600-20	SPEEDOMETER ASSY	1	1				
10	6Y5-83517-00	.BULB (12V-1.7W, T10)	1	1				
11	6YF-83510-00	.SPEEDOMETER ASSY	1	1				
12	688-83557-00	TUBE	1	1				
13	90465-11M10	CLAMP	1	1				

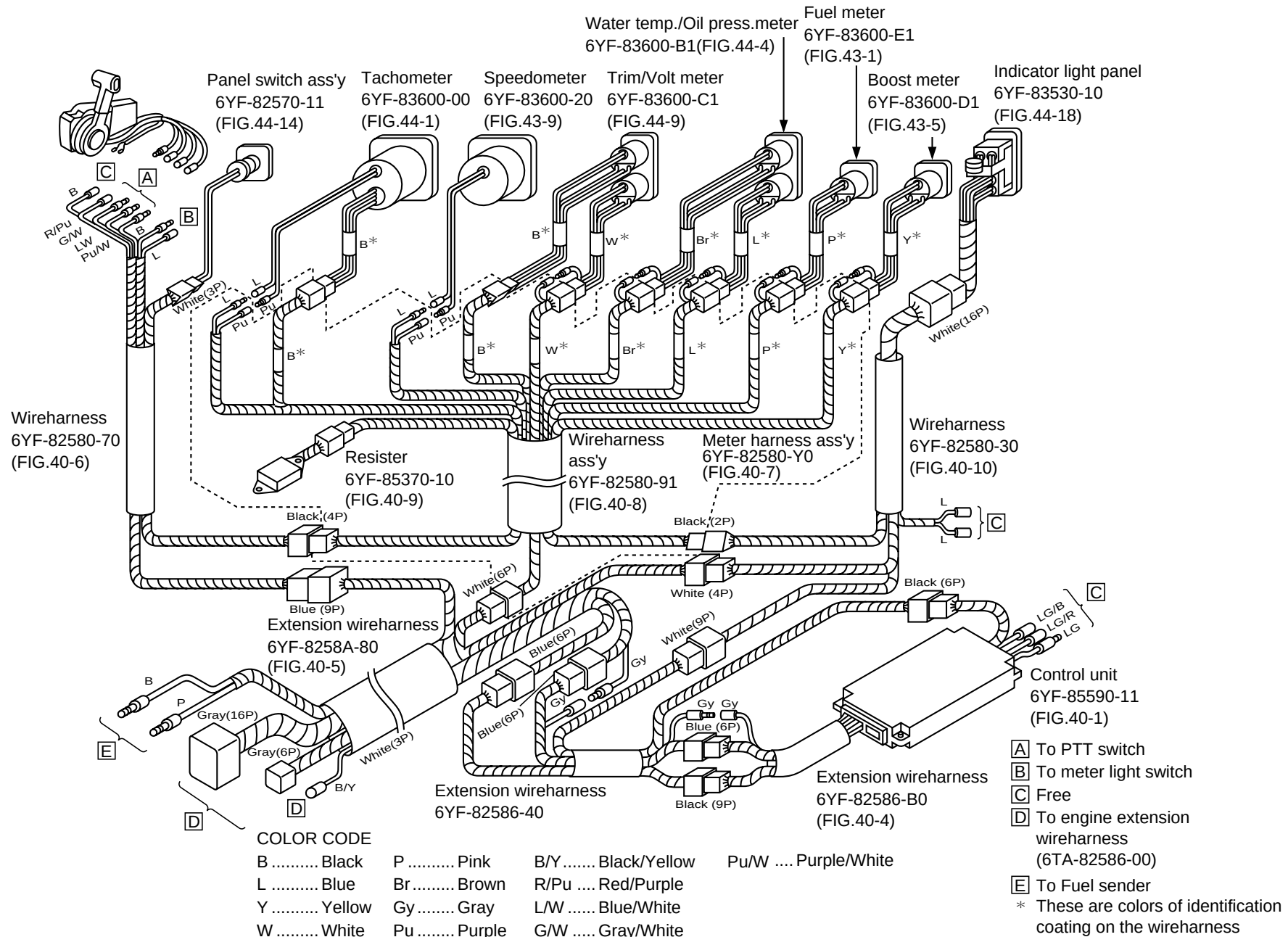


N601300-D440

FIG. 44 METER 2

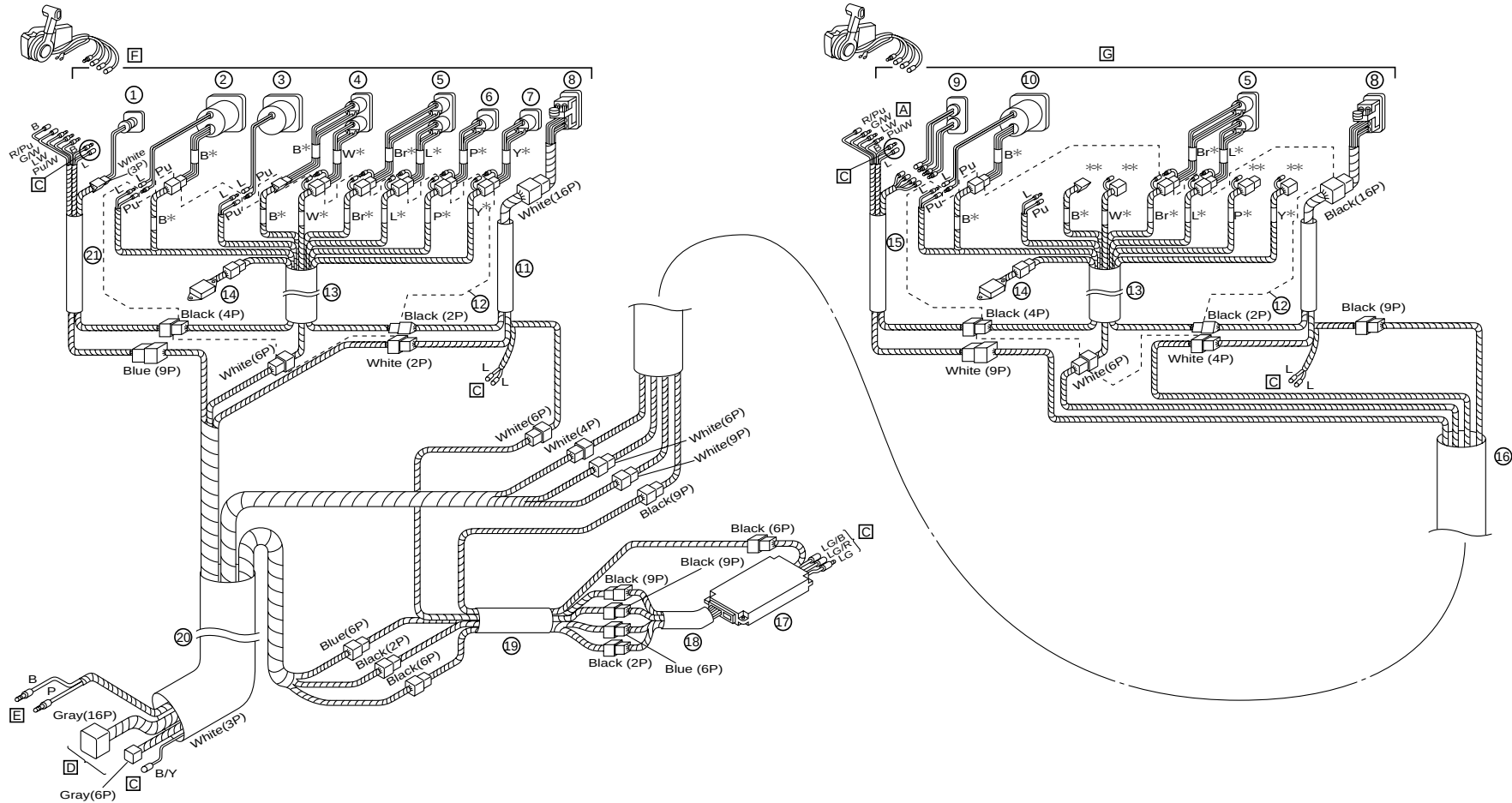
REF. NO.	PART NO.	DESCRIPTION	STIP2	STIP1		REMARKS
1	6YF-83600-00	TACHO & HOUR METR ASSY	1	1		WITH HOUR METER
2	6Y5-83517-00	.BULB (12V-1.7W, T10)	1	1		
3	6YF-83540-00	.TACHOMETER ASSY	1	1		
4	6YF-83600-B1	WATER TEMP/OIL PRESSURE METER	1	1		
5	6YF-83518-00	.BULB, METER (T6.5, 14V-1.4W)	2	2		
6	6YF-83606-00	.CAP, BULB	2	2		
7	6YF-83590-11	.WATER TEMPERATURE ASSY	1	1		
8	6YF-83650-11	.OIL PRESSURE METER ASSY	1	1		
9	6YF-83600-C1	TRIM & VOLT METER ASSY	1	1		
10	6YF-83518-00	.BULB, METER (T6.5, 14V-1.4W)	2	2		
11	6YF-83606-00	.CAP, BULB	2	2		
12	6YF-83503-11	.VOLTMETER ASSY	1	1		
13	6YF-83670-11	.TRIM METER ASSY.	1	1		
14	6YF-82570-11	PANEL SWITCH ASSY	1	1		
15	6YF-82510-01	.MAIN SWITCH ASSY	1	1		
16	6YF-82571-10	.PANEL, SWITCH	1	1		
17	6YF-82588-00	.PLATE	1	1		
18	6YF-83530-10	INDICATOR LIGHTS PANEL ASSY	1	1		
19	6YF-83509-10	.SOCKET CORD ASSY	1	1		
20	6Y5-83517-00	.BULB (12V-1.7W, T10)	8	8		
21	703-83383-A0	.BUZZER	1	1		

WIRING CHART (SINGLE)



C4

WIRING CHART (SINGLE : 2 STATION)



- ① Panel switch ass'y
6YF-82570-11 (FIG.44-14)
- ② Tacho meter (with hour meter)
6YF-83600-00 (FIG.44-1)
- ③ Speedometer
6YF-83600-20 (FIG.43-9)
- ④ Trim/Volt meter
6YF-83600-C1 (FIG.44-9)
- ⑤ Water temp./Oil press. meter
6YF-83600-B1 (FIG.44-4)
- ⑥ Fuel meter
6YF-83600-E1 (FIG.43-1)
- ⑦ Boost meter
6YF-83600-D1 (FIG.43-5)

- ⑧ Indicator light panel
6YF-83530-10 (FIG.44-18)
- ⑨ Panel switch
6YF-82570-11 (FIG.44-14)
- ⑩ Tacho meter (without hour meter)
6YF-83600-10
- ⑪ Wireharness
6YF-82580-30 (FIG.40-10)
- ⑫ Wireharness ass'y
6YF-82580-Y0 (FIG.40-7)
- ⑬ Wireharness ass'y
6YF-82580-91 (FIG.40-8)
- ⑭ Resistor
6YF-85370-10 (FIG.40-9)

- ⑮ Wireharness
6YF-82580-80 (FIG.40-13)
- ⑯ Extension wireharness
6YF-82586-10
- ⑰ Control unit
6YF-85590-11 (FIG.40-1)
- ⑱ Extension wireharness
6YF-8258A-10 (FIG.40-5)
- ⑲ Extension wireharness
6YF-82586-80
- ⑳ Extension wireharness
6YF-8258A-10 (FIG.40-11)
- ㉑ Wireharness
6YF-82580-70 (FIG.40-14)

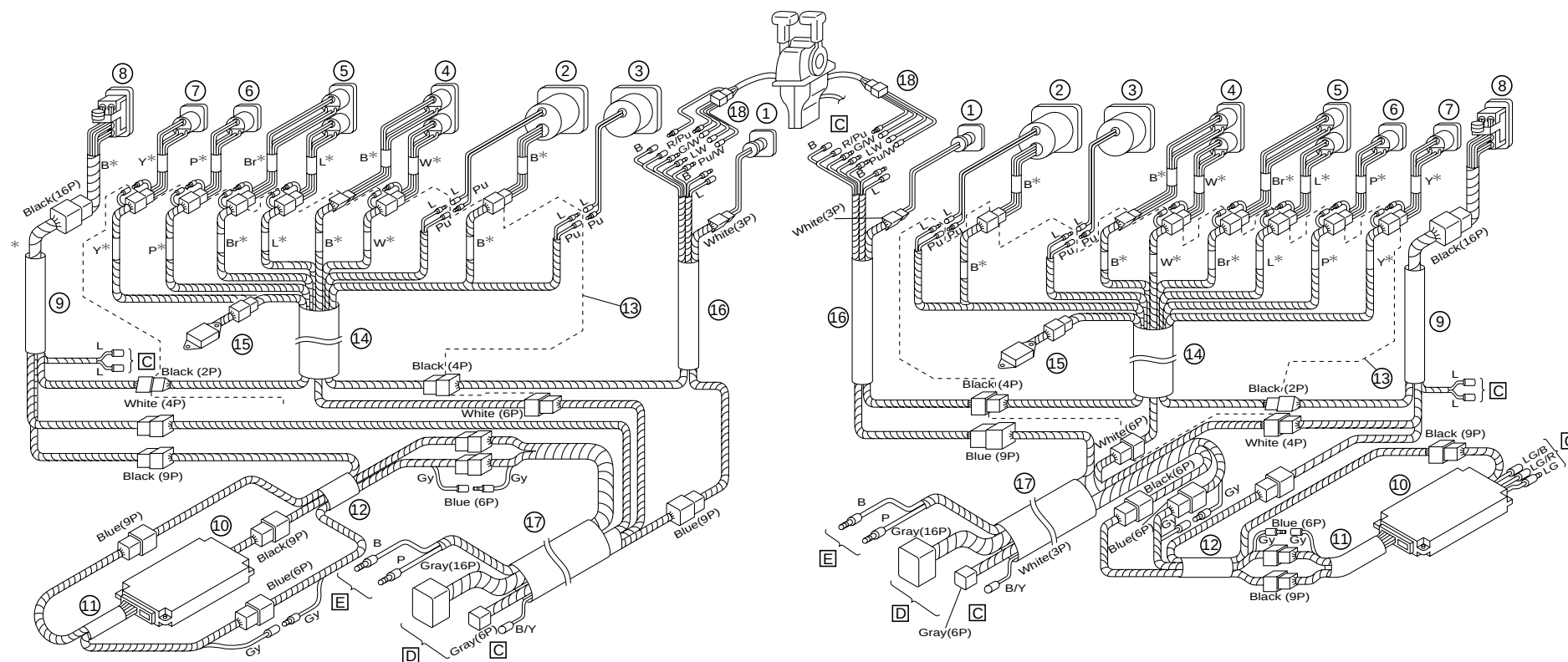
- [A] To PTT switch
- [B] To meter light switch
- [C] Free
- [D] To engine extension wireharness
(6TA-82586-00)
- [E] To Fuel sender
- [F] Main station
- [G] Sub station
- * These are colors of identification
coating on the wireharness
- ** Leave free
if it is connected meter at main
station may give wrong indication

COLOR CODE

B	Black	Pu	Purple
L	Blue	B/Y	Black/Yellow
Y	Yellow	R/Pu	Red/Purple
W	White	L/W	Blue/White
P	Pink	G/W	Gray/White
Br	Brown	Pu/W	Purple/White
Gy	Gray		

C5

WIRING CHART (TWIN)



- ① Panel switch ass'y
6YF-82570-11 (FIG.44-14)
- ② Tacho & hour meter
6YF-83600-00 (FIG.44-1)
- ③ Speedometer
6YF-83600-20 (FIG.43-9)
- ④ Trim/Volt meter
6YF-83600-C1 (FIG.44-9)
- ⑤ Water temp./Oil press. meter
6YF-83600-B1 (FIG.44-4)
- ⑥ Fuel meter
6YF-83600-E1 (FIG.43-1)
- ⑦ Boost meter
6YF-83600-D1 (FIG.43-5)

- ⑧ Indicator light panel
6YF-83530-10 (FIG.44-18)
- ⑨ Wireharness
6YF-82580-30 (FIG.40-10)
- ⑩ Control unit
6YF-85590-11 (FIG.40-1)
- ⑪ Extension wireharness
6YF-82586-B0 (FIG.40-4)
- ⑫ Extension wireharness
6YF-82586-40
- ⑬ Wireharness ass'y
6YF-82580-Y0 (FIG.40-7)
- ⑭ Wireharness ass'y
6YF-82580-91 (FIG.40-8)

- ⑮ Resistor
6YF-85370-10 (FIG.40-9)
- ⑯ Extension wireharness
6YF-8258A-80 (FIG.40-5)
- ⑰ Wireharness
6YF-82580-70 (FIG.40-6)
- ⑱ Wire, lead
6YF-82541-00

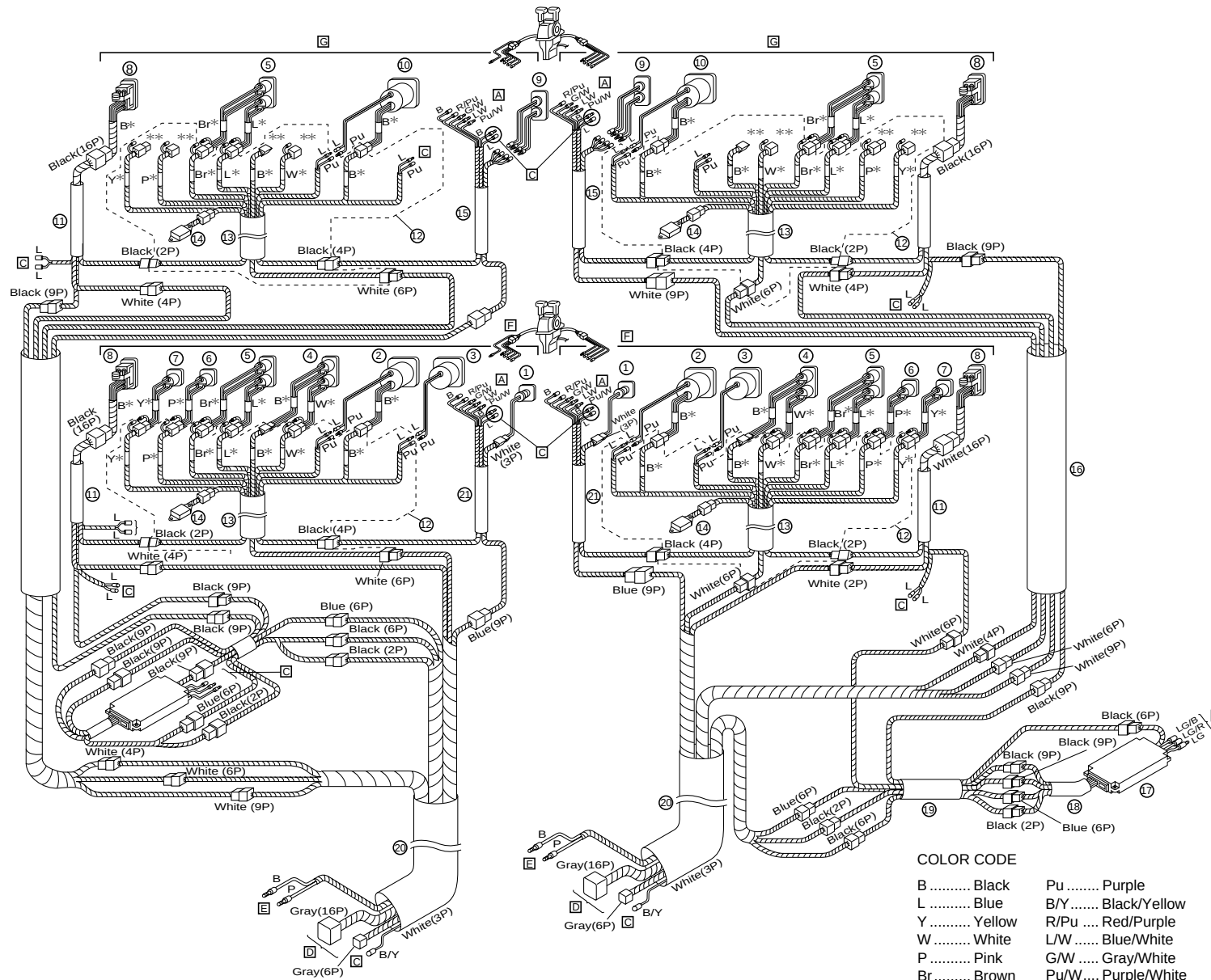
- [A] To PTT switch
- [B] To meter light switch
- [C] Free
- [D] To engine extension wireharness
(6TA-82586-00)
- [E] To Fuel sender
- * These are colors of identification
coating on the wireharness

COLOR CODE

B	Black	Pu	Purple
L	Blue	B/Y	Black/Yellow
Y	Yellow	R/Pu	Red/Purple
W	White	L/W	Blue/White
P	Pink	G/W	Gray/White
Br	Brown	Pu/W	Purple/White
Gy	Gray		

C6

WIRING CHART (TWIN : 2 STATION)



- ① Panel switch ass'y
6YF-82570-11 (FIG.44-14)
 - ② Tacho meter (with hour meter)
6YF-83600-00 (FIG.44-1)
 - ③ Speedometer
6YF-83600-20 (FIG.43-9)
 - ④ Trim/Volt meter
6YF-83600-C1 (FIG.44-9)
 - ⑤ Water temp./Oil press. meter
6YF-83600-B1 (FIG.44-4)
 - ⑥ Fuel meter
6YF-83600-E1 (FIG.43-1)
 - ⑦ Boost meter
6YF-83600-D1 (FIG.43-5)
 - ⑧ Indicator light panel
6YF-83530-10 (FIG.44-18)
 - ⑨ Panel switch
6YF-82570-20
 - ⑩ Tacho meter (without hour meter)
6YF-83600-10
 - ⑪ Wireharness
6YF-82580-30 (FIG.40-10)
 - ⑫ Wireharness ass'y
6YF-82580-Y0 (FIG.40-7)
 - ⑬ Wireharness ass'y
6YF-82580-91 (FIG.40-8)
 - ⑭ Resistor
6YF-85370-10 (FIG.40-9)
 - ⑮ Wireharness
6YF-82580-80 (FIG.40-5)
 - ⑯ Extension wireharness
6YF-82586-10 (FIG.40-12)
 - ⑰ Control unit
6YF-85590-11 (FIG.40-1)
 - ⑱ Extension wireharness
6YF-82586-70 (FIG.40-14)
 - ⑲ Extension wireharness
6YF-82586-80
 - ⑳ Extension wireharness
6YF-8258A-10 (FIG.40-12)
 - ㉑ Wireharness
6YF-82580-70 (FIG.40-6)
- A** To PTT switch
B To meter light switch
C Free
D To engine extension wireharness (6TA-82586-00)
E To Fuel sender
F Main station
G Sub station
 * These are colors of identification coating on the wireharness
 ** Leave free if it is connected meter at main station may give wrong indication

NUMERICAL INDEX

PART NO.	REF NO.	PART NO.	REF NO.	PART NO.	REF NO.	PART NO.	REF NO.	PART NO.	REF NO.	PART NO.	REF NO.
6TA-A9902-00	24- 11	YU9-01790-62-22	2- 24	YU1-10111-70-10	4- 1	N51-12219-00-93	11- 1	70R-12520-01	31- 12	6TA-12859-00-A8	11- 2
N51-W1163-01-10	4- 24		6- 4	YU1-11011-70-20	1- 1	N51-12219-00-95	11- 1	6TA-12525-00	14- 8	6TA-12859-00-06	11- 2
N51-W1163-01-20	4- 24	YU9-01790-80-22	12- 16	6TA-11011-02	16- 1	N60-12402-00	23- 1	6TA-12526-00	14- 10	6TA-12859-00-07	11- 2
N51-W1163-01-30	4- 24	YU9-01790-80-40	7- 9	6TA-11012-03	16- 6		24- 1		14- 11	6TA-12859-00-08	11- 2
YU0-00000-01	1- 11		7- 16	6TA-11021-00	4- 16	6TA-12411-00	22- 6	N51-12551-00	25- 18	6TA-12859-00-09	11- 2
YU0-00000-02	1- 11		8- 5	6TA-1111D-00	21- 17	6TA-12412-00	22- 7	N60-12560-00	20- 15	6TA-12859-00-10	11- 2
YU0-00000-03	1- 11		27- 5	6TA-1111E-01	1- 22	6TA-12413-00	22- 8	6TA-12565-01	21- 2	6TA-12859-00-11	11- 2
YU0-00000-14	4- 3	YU9-01790-82-10	8- 7	N60-1111K-00	14- 3	6TA-12417-00	22- 1	6TA-12566-00	22- 13	6TA-12859-00-12	11- 2
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YU9-00990-22-05	13- 33		5- 23	N51-11445-00	29- 13	N57-1243M-00	24- 13	6TA-12638-01	23- 19	N51-13147-00-28	11- 3
YU9-00990-23-25	13- 11	YU9-02500-80-54	2- 12	6TA-11603-00	4- 26	N57-12431-00	24- 17	N57-12671-00	23- 5	N51-13147-00-29	11- 3
YU9-00990-42-07	13- 27		3- 3	6TA-11656-00	4- 27	6TA-12434-01	20- 21	6TA-12803-00	12- 23	N51-13147-00-30	11- 3
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NUMERICAL INDEX

PART NO.	REF NO.	PART NO.	REF NO.	PART NO.	REF NO.	PART NO.	REF NO.	PART NO.	REF NO.	PART NO.	REF NO.
N60-13475-00	26- 3	6TA-14613-01	32- 2	N60-17056-00	26- 2	YU1-35281-70-10	5- 21	6TA-41226-00	34- 7	YU9-64114-50-00	2- 8
6TA-13477-00	18- 7	6TA-14615-00	32- 17	YU1-18011-70-10	5- 1	YU1-35401-70-11	5- 17	6TO-42195-00	35- 11	YU9-67112-40-19	9- 10
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N51-13485-00-36	11- 4	6TA-14643-00	32- 12	YU1-21011-70-30	2- 20	YU1-35681-70-30	5- 13	YU9-45110-06-00	13- 26	YU9-67213-50-42	4- 19
N51-13485-00-37	11- 4	6TA-14658-T0	33- 7	YU9-21226-06-35	1- 21	YU1-35711-70-10	5- 2	6T9-45693-01	35- 1	YU1-71711-70-10	27- 1
N51-13485-00-38	11- 4	6TA-14661-T0	33- 8	YU9-21226-08-20	7- 8	YU1-35721-70-21	4- 14	N60-46293-00	26- 10	YU1-71791-70-10	27- 2
N51-13485-00-39	11- 4	6TO-14664-00	32- 22	YU9-21226-08-32	8- 4	YU1-35811-70-11	4- 13	6T9-46382-01	35- 6	N60-7610B-00	26- 1
6TA-13543-00	27- 10	6TA-14668-T0	33- 6	N60-21498-00	17- 2	YU1-35851-70-10	5- 22	N60-48317-00	26- 14	6TA-7612H-00	41- 2
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