

OCR10-M67600EN

Introduction

1. This parts catalog is a first edition of the 6LPA-STP2, 6LPA-STZP2, 6LPA-STZP3 Diesel engine.

	Parts catalog No.	Date of issue	Remarks
First edition	000Y00R6760	Apr., 2007	

2. This parts catalog does not covers the reduction reverser.
Please refer to the separate parts catalog, (NO. 000Y00R6600 KMH50A), which covers the reverser.

3. Standard finish color. Yanmar ecole silver metallic
- | | | |
|-----------|--------------|----------------------|
| Parts No. | 977620-10070 | 1L (Packed in a can) |
| Parts No. | 977620-40070 | 4L (Packed in a can) |
| Parts No. | TOR-90090003 | Spray (1 piece) |

4. This parts catalog does not contain the technical data needed for maintenance service.

5. The illustrations used in this parts catalog have been simplified for clarity.

6. Specification

Model	6LPA-STP2	6LPA-STZP2	6LPA-STZP3
Type	4-stroke, vertical, water-cooled, diesel engine		
No. of cylinder - Bore (mm) x Stroke (mm)	6 - 94 x 100		
Continuous rating kW/min ⁻¹	211/3682		
Combustion system	Direct injection		
Starting system	Electric starting 12V-2.5kW		
Power take-off position	Flywheel side		
Cooling system	Fresh water (Filtered sea water) cooling		
Lubricating system	Forced lubrication		
Reduction reverser	KMH50A	—	
Reduction ratio	2.43	2.13	1.67
	—		

7. The contents of this parts catalog are subject to change without notice.

8. Be sure to use only Yanmar genuine part for repairs. If imitation parts are used, it may cause engine defects.

1. Selective Combinations Crankshaft Journal Bearings

Selective Combinations Crankshaft Journal Bearings

The crankshaft journal bearings of the 6LP series employ the selective combinations. The combinations as follows. The block journal biameter codes are shown on the ladder frame (bearing cap) and the crank journal diameter codes are punched on the crank.

When applying a crankshaft journal bearings, there is the necessity of asking for the crankshaft journal bearings which suits on the table of Table 1. Since the combination is indicated to Table 2, please determine from this.

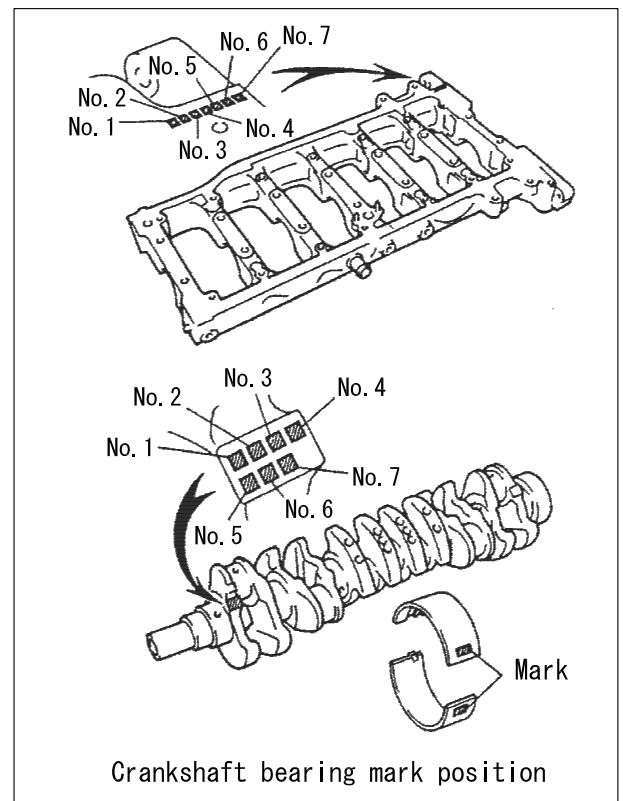


Table1—Crankshaft Journal Bearing Selection Table

Crankshaft Main Journal Mark																			
Cylinder Block Journal Mark		A	B	C	D	E	H	4	5	6	7	8	9	L	M	R	S	U	X
	A	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4
	B	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	5
	C	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	5	5
	D	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5
	E	2	2	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5
	H	2	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5
	4	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5
	5	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	6
	6	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	6	6
	7	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	6	6	6
	8	3	3	4	4	4	4	4	4	5	5	5	5	5	5	6	6	6	6
	9	3	4	4	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6
	L	4	4	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	7
	M	4	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	7	7
	R	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	7	7	7
	S	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6	7	7	7
	U	4	4	5	5	5	5	5	5	6	6	6	6	6	6	7	7	7	7
X	4	5	5	5	5	5	5	5	6	6	6	6	6	7	7	7	7	7	

Table2—Crankshaft Journal Bearing Parts Codes

Parts No.	Parts name	Mark No.	Remarks
119770-00961	BEARING SET, MARK 2	Mark "2"	T=1.982-1.985
119770-00971	BEARING SET, MARK 3	Mark "3"	T=1.985-1.988
119770-00981	BEARING SET, MARK 4	Mark "4"	T=1.988-1.991
119770-00991	BEARING SET, MARK 5	Mark "5"	T=1.991-1.994
119770-01001	BEARING SET, MARK 6	Mark "6"	T=1.994-1.997
119770-01170	BEARING SET, MARK 7	Mark "7"	T=1.997-2.000

2. Selective Combinations Crank Pin Bearings

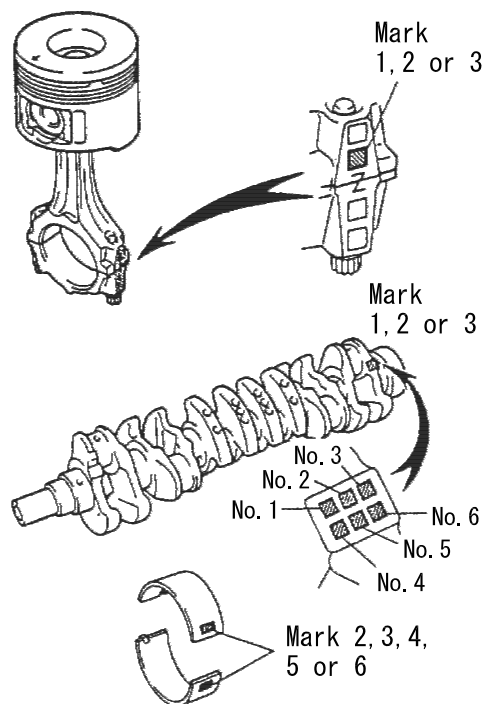
- (1) Always replace bearings with those having the same number.
 If the bearing number is unknown, add numbers indicated on the crankshaft and connecting rod and select a bearing having a number equal to that obtained by addition.
 There are five types of standard bearings, which are identified by marks "2", "3", "4", "5" and "6".

(2) Crank pin bearing selection table

	Mark No.								
Connecting rod	1			2			3		
Crankshaft	1	2	3	1	2	3	1	2	3
Bearing	2	3	4	3	4	5	4	5	6

Example: Assume that indications on connecting rod and crankshaft are "2" and "1", select bearing "3" ("2" + "1" = "3").

(Selecting the crank pin bearing)



(3) Crank pin bearing parts number list

(mm)

Parts No.	Parts name	Mark No.	Remarks
119770-00260	BEARING SET, MARK 2	Mark "2"	1.486-1.489
119770-01010	BEARING SET, MARK 3	Mark "3"	1.489-1.492
119770-01020	BEARING SET, MARK 4	Mark "4"	1.492-1.495
119770-01030	BEARING SET, MARK 5	Mark "5"	1.459-1.498
119770-01040	BEARING SET, MARK 6	Mark "6"	1.498-1.501

Contents

OCR10-M67600

Fig. No.	Fig. Name
6LPA-STP2/STZP2,3	
1.	CYLINDER BLOCK
2.	GEAR HOUSING
3.	FLYWHEEL HOUSING
4.	MOUNTING FOOT
5.	LUB. OIL SUMP
6.	LABEL
7.	BREATHER
8.	TURBINE
9.	EXHAUST BEND
10.	AIR COOLER
11.	AIR DUCT
12.	BOOST CONTROL
13.	EXHAUST MANIFOLD
14.	SUCTION MANIFOLD
15.	CYLINDER HEAD
16.	ENGINE LIFTER
17.	CAMSHAFT
18.	CRANKSHAFT
19.	DAMPER
20.	PISTON & CONNECTING ROD
21.	LUB. OIL COOLER 1
22.	LUB. OIL COOLER 2
23.	LUB. OIL COOLER COVER
24.	LUB. OIL PIPE

Fig. No.	Fig. Name
25.	LUB. OIL PIPE(TURBINE)
26.	OIL SUCTION/DRAIN PUMP
27.	COOLING SEA WATER PUMP
28.	COOLING FRESH WATER PUMP
29.	THERMOSTAT
30.	COOLER(FRESH WATER)
31.	COOLING SEA WATER PIPE(6LPA-STP2)
32.	COOLING SEA WATER PIPE(6LPA-STZP2/3)
33.	COOLING FRESH WATER PIPE
34.	COOLING FRESH WATER WATER PIPE(TURBINE)
35.	BILGE PUMP(STD,OPTIONAL)
36.	BILGE PUMP(DX,OPTIONAL)
37.	FUEL INJECTION PUMP
38.	FUEL INJECTION VALVE
39.	FUEL INJECTION PIPE
40.	FUEL PIPE
41.	FUEL STRAINER
42.	FUEL COOLER
43.	GLOW PLUG
44.	BRACKET(CABLE)
45.	POWER STEERING PUMP
46.	POWER STEERING COOLER & TANK
47.	ATF PIPE
48.	CLUTCH & DRIVE ATTACHMENT
49.	STARTING MOTOR

Contents

OCR10-M67600

Fig. No. Fig. Name

- 50. GENERATOR
- 51. BELT COVER
- 52. INSTRUMENT PANEL(B-TYPE,OPTIONAL)
- 53. INSTRUMENT PANEL(C-TYPE,OPTIONAL)
- 54. INSTRUMENT PANEL(D-TYPE)(OPTIONAL)
- 55. WIRE HARNESS & SENSOR
- 56. SENSOR MOUNT
- 57. TOOL(OPTIONAL)
- 58. SPARE PART(OPTINAL)
- 59. EXHAUST BEND(ZT SPEC)
- 60. COOLING SEA WATER PIPE(ZT SPEC)
- 61. COUPLING(ZT SPEC)
- 62. EXHAUST MIXING DEVICE & FLEXIBLE RUBBER(KMH50V SPEC.)
- 63. BREATHER(SOLAS:OPTIONAL)
- 64. TURNOVER SWITCH(SOLAS)(OPTIONAL)(TO E/#2976)
- 65. TURNOVER SWITCH(SOLAS)(OPTIONAL)(FROM E/#2977)

Fig. No. Fig. Name

Fig.1. CYLINDER BLOCK

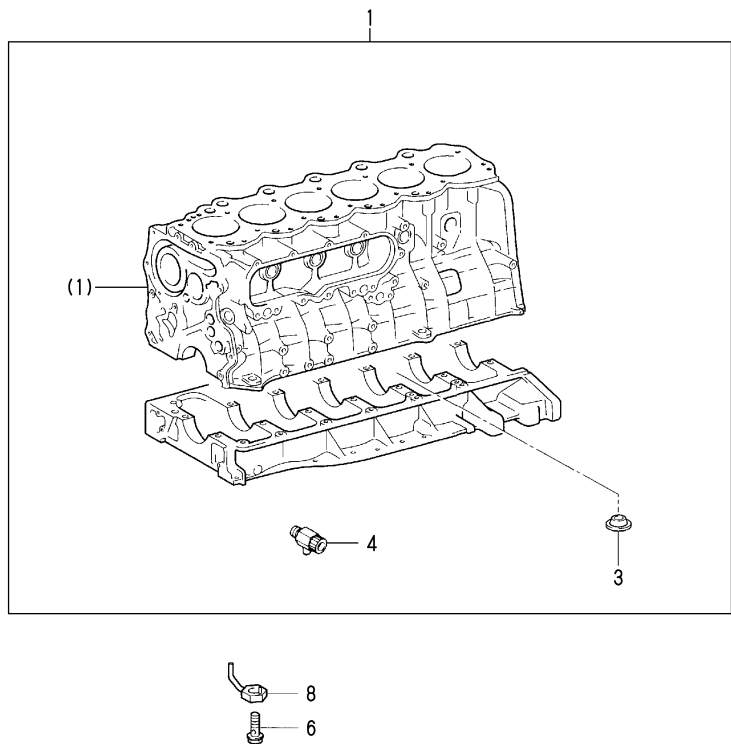
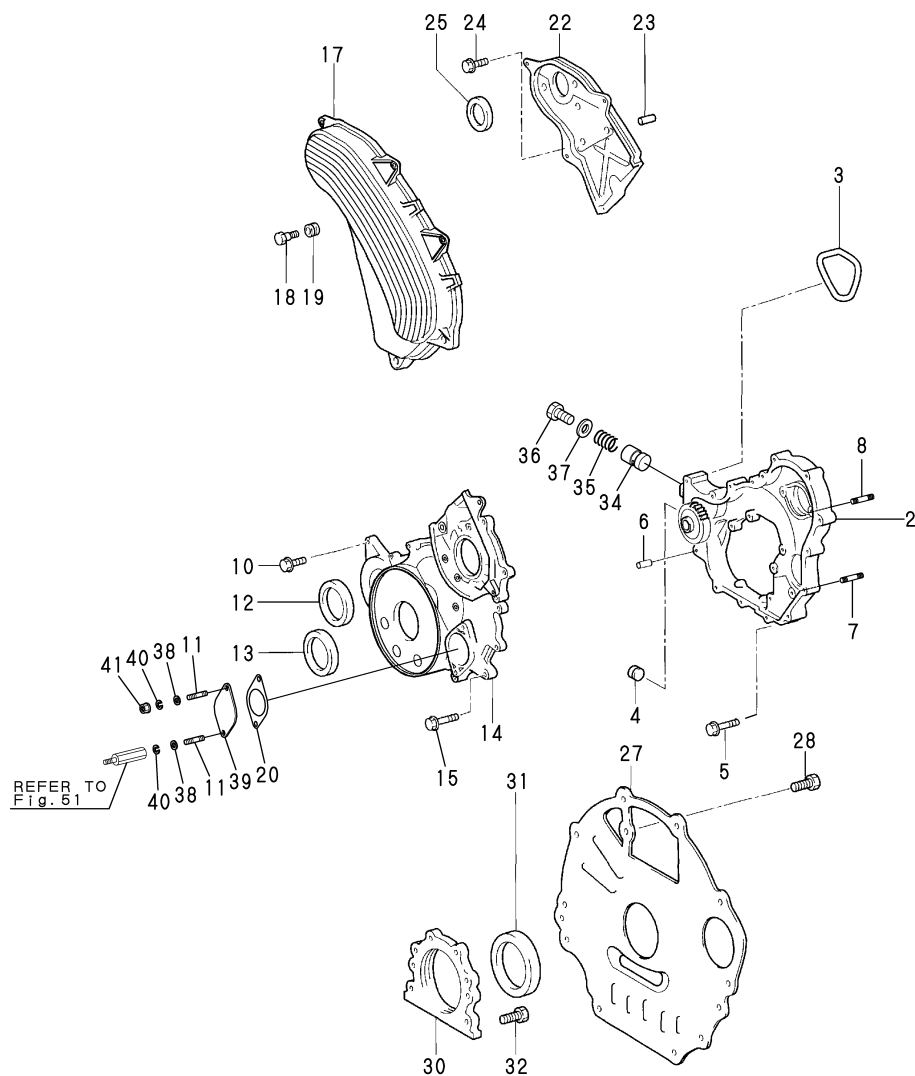
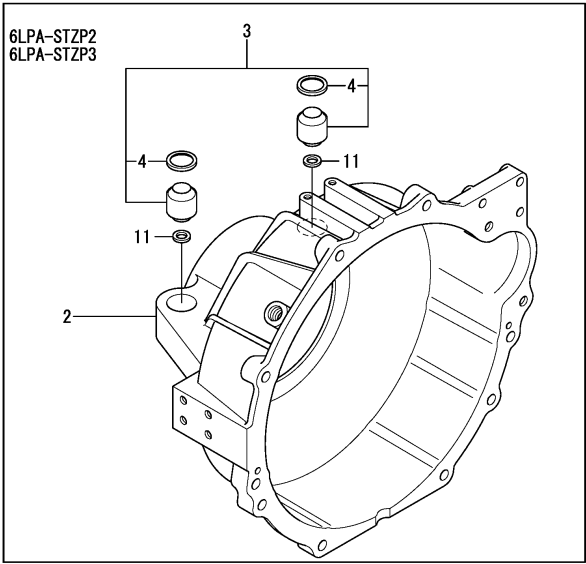
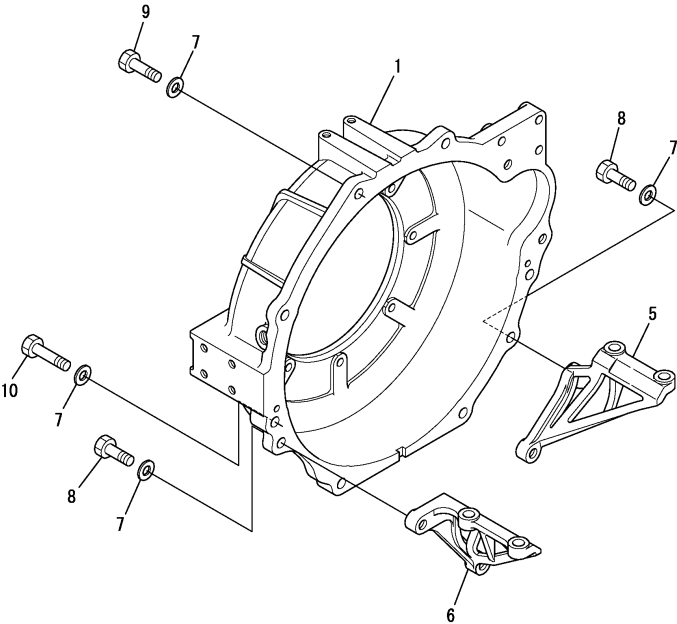
[illegible]

Fig.2. GEAR HOUSING



No.	Lev.	Parts No.	Description	(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119771-00060	CASE ASSY, TIMING	1	1	1					
3	2	119770-00160	GASKET	1	1	1					
4	2	119771-90110	PLUG	1	1	1					
5	2	119771-90120	BOLT	7	7	7					
6	2	119770-90250	PIN, PARALLEL	1	1	1					
7	2	119770-01210	STUD, D10XL40	2	2	2					
8	2	119770-01220	BOLT	2	2	2					
10	2	119771-90140	BOLT	6	6	6					
11	2	119770-90270	STUD, D10XL45.6	2	2	2					
12	2	119770-90280	SEAL, OIL	1	1	1					
13	2	119770-90290	SEAL, OIL	1	1	1					
14	2	119771-00071	COVER	1	1	1					
15	2	119771-90130	BOLT	9	9	9					
17	2	119771-00081	COVER, BELT	1	1	1					
18	2	119770-90320	BOLT	6	6	6					
19	2	119770-90330	WASHER	6	6	6					
20	1	119773-01590	GASKET	1	1	1					
22	2	119771-00101	RETAINER, CAMSHAFT	1	1	1					
23	2	119770-90020	PIN	2	2	2					
24	2	119771-90120	BOLT	4	4	4					
25	2	119771-90160	SEAL, OIL	1	1	1					
27	2	119770-00201	PLATE	1	1	1					
28	2	119770-90350	BOLT	1	1	1					
30	2	119770-00030	RETAINER, OIL SEAL	1	1	1					
31	2	119770-90090	SEAL, OIL	1	1	1					
32	2	119770-90100	BOLT	6	6	6					
34	2	119770-01240	VALVE, RELIEF	1	1	1					
35	2	119770-01250	SPRING	1	1	1					
36	2	119770-01260	PLUG	1	1	1					
37	2	119771-01270	GASKET	1	1	1					
38	1	22117-100000	WASHER, 10	2	2	2					
39	1	119773-01580	COVER	1	1	1					
40	1	22217-100000	WASHER, SPRING 10	2	2	2					
41	1	26376-100002	NUT, M10	1	1	1					

Fig.3. FLYWHEEL HOUSING



Remarks
(1)This part is only sold as a set.
For each order, 2 parts will be shipped.

OCR10-M67600 Fig.3									
(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3 (D)= (E)= (F)=									
No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	119773-01600	HOUSING, FLYWHEEL	1					
2	1	119779-01610	HOUSING, FLYWHEEL		1	1			
2-1	1	119779-01611	HOUSING, FLYWHEEL		1	1			N
3	1	119778-08200	MOUNT ASSY,RUBBER		1	1			W 1
		(B=*2008.12) (C=*2008.12)							
		(B=EXXXXX) (C=EXXXXX)							
4	2	119778-08350	SPACER		2	2			
5	1	119775-01650	PLATE, STIFFENER	1					
6	1	119775-01670	PLATE, STIFFENER	1					
7	1	22117-120000	WASHER, 12	13	13	13			
8	1	26156-120352	BOLT, M12X 35 PLATED	8	8	8			
9	1	26156-120402	BOLT, M12X 40 PLATED	3	3	3			
10	1	26156-120502	BOLT, M12X 50 PLATED	2	2	2			
11	1	119779-08350	SPACER		2	2			

Fig.4. MOUNTING FOOT

(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119775-08101	FOOT, MOUNTING	1							
2	1	119775-08111	FOOT, MOUNTING	1							
3	1	119773-08200	FOOT, MOUNTING	2							
4	1	119775-08210	BOLT	4	4	4					
5	1	26106-100302	BOLT, M10X 30 PLATED	4							
6	1	26106-101102	BOLT, M10X110 PLATED	4							
7	1	119775-08220	BOLT	3	3	3					
8	1	119773-08300	MOUNTING, FLEXIBLE	2	2	2					
9	2	119773-08330	NUT	4	4	4					
10	2	119773-08340	NUT	2	2	2					
11	2	119773-08350	WASHER	4	4	4					
12	1	119773-08310	MOUNTING, FLEXIBLE	2							
13	2	119773-08330	NUT	4							
14	2	119773-08340	NUT	2							
15	2	119773-08350	WASHER	4							
16	1	119775-08230	BOLT	3	3	3					
17	1	26136-100352	BOLT, M10X 35 PLATED	1	1	1					
18	1	119778-08502	SUPPORT	1	1	1					
19	1	119779-08101	FOOT, MOUNTING		1	1					
20	1	119779-08111	FOOT, MOUNTING		1	1					

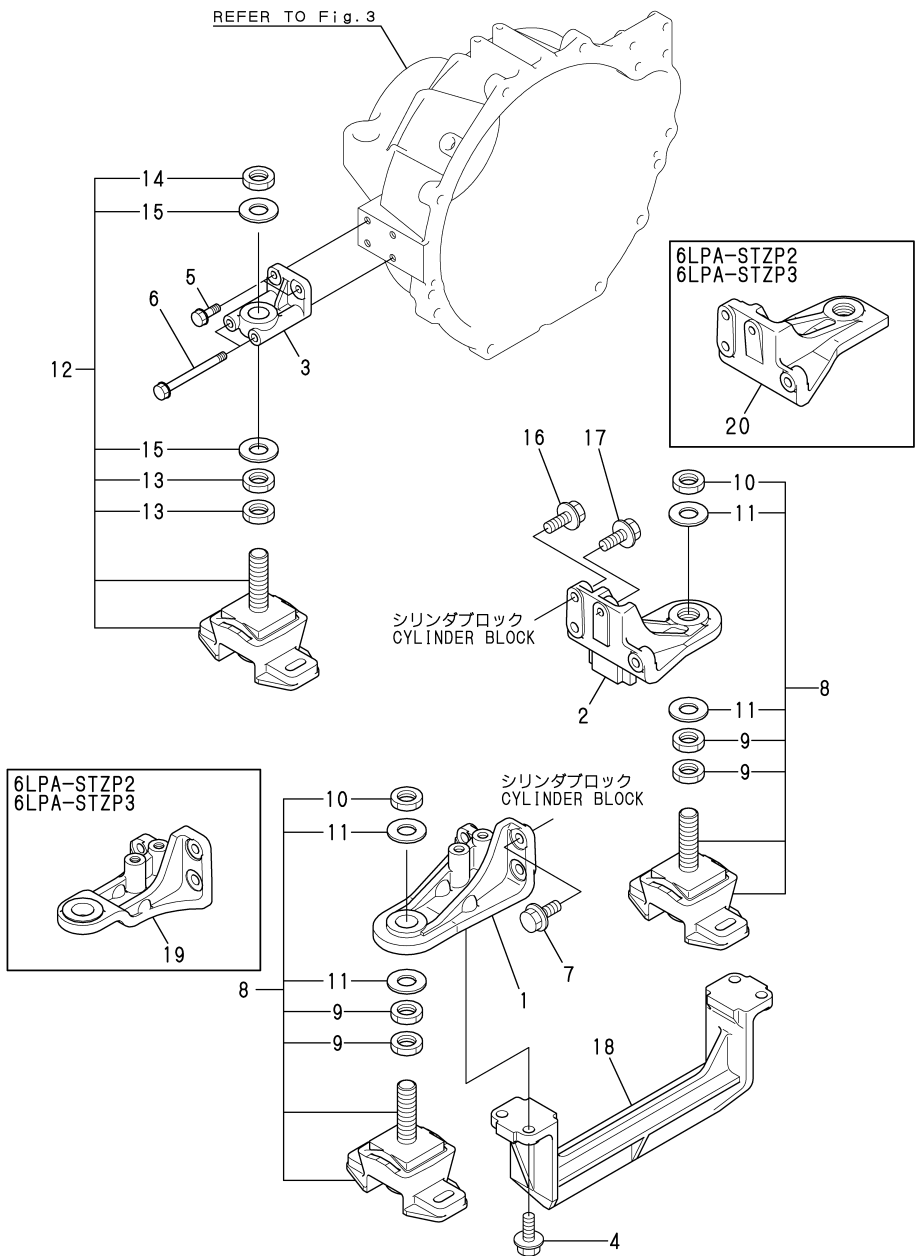
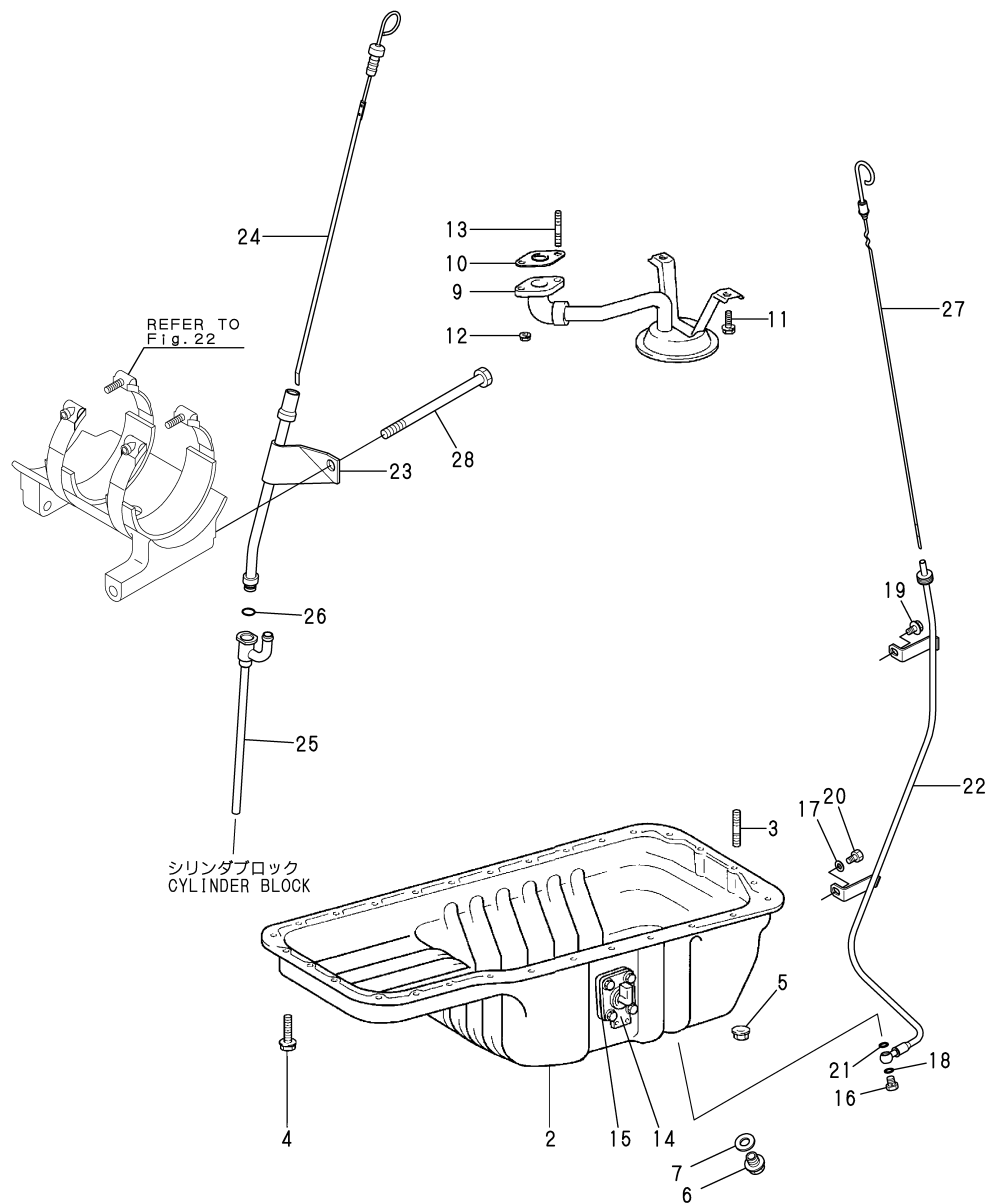


Fig.5. LUB. OIL SUMP



No.	Lev.	Parts No.	Description	(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119770-00230	SUMP ASSY, OIL	1	1	1					
3	2	119770-90370	STUD	3	3	3					
4	2	119770-90380	BOLT	27	27	27					
5	2	119770-90390	NUT	3	3	3					
6	2	119770-90400	PLUG	1	1	1					
7	2	119770-90410	GASKET	1	1	1					
9	2	119770-00620	STRAINER ASSY	1	1	1					
10	2	119770-00630	GASKET	1	1	1					
11	2	119770-90380	BOLT	2	2	2					
12	2	119770-90390	NUT	2	2	2					
13	2	119770-90611	STUD	2	2	2					
14	1	119770-01200	SENSOR	1	1	1					
15	1	119770-91020	GASKET	1	1	1					
16	1	119773-34810	BOLT, PIPE JOINT	1	1	1					
17	1	22117-120000	WASHER, 12	1	1	1					
18	1	23414-120016	GASKET, 12X1.0	1	1	1					
19	1	26106-080142	BOLT, M8X 14 PLATED	1	1	1					
20	1	26156-120202	BOLT, M12X 20 PLATED	1	1	1					
21	1	22190-120006	WASHER, SEAL 12	1	1	1					
22	1	119773-34821	GUIDE, DIPSTICK	1	1	1					
23	1	119773-34600	GUIDE, DIPSTICK	1	1	1					
24	1	119773-34621	DIPSTICK, OIL	1	1	1					
25	1	119773-34770	JOINT	1	1	1					
26	1	24341-000100	O-RING, 1AS10.0	1	1	1					
27	1	119773-34950	DIPSTICK, OIL	1	1	1					
28	1	119773-34400	BOLT, M10X145	1	1	1					

Fig.6. LABEL

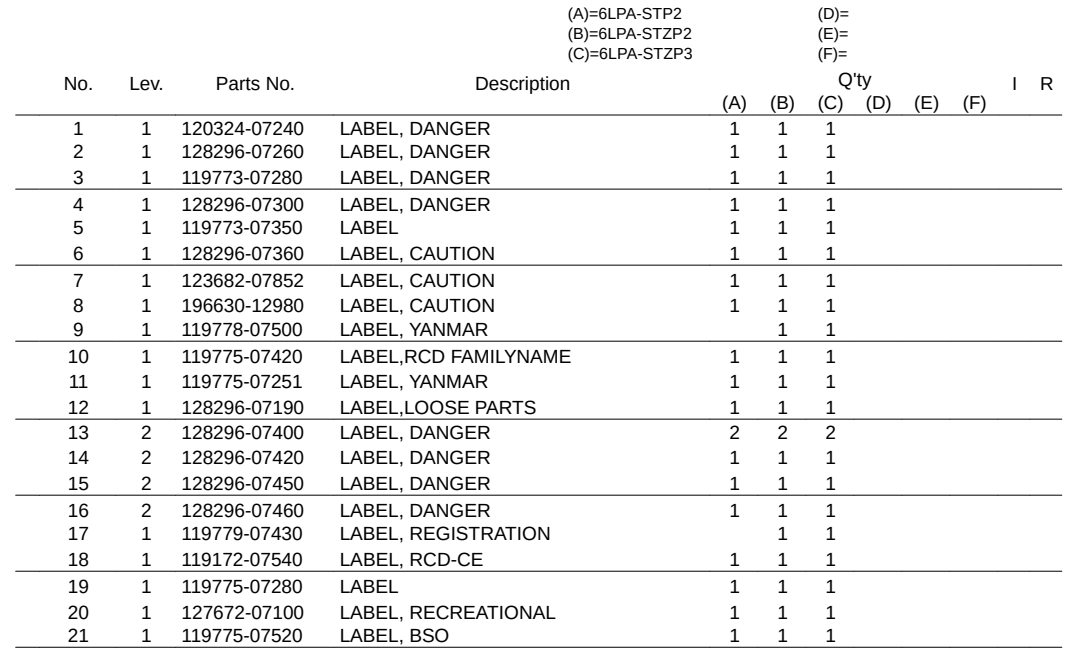
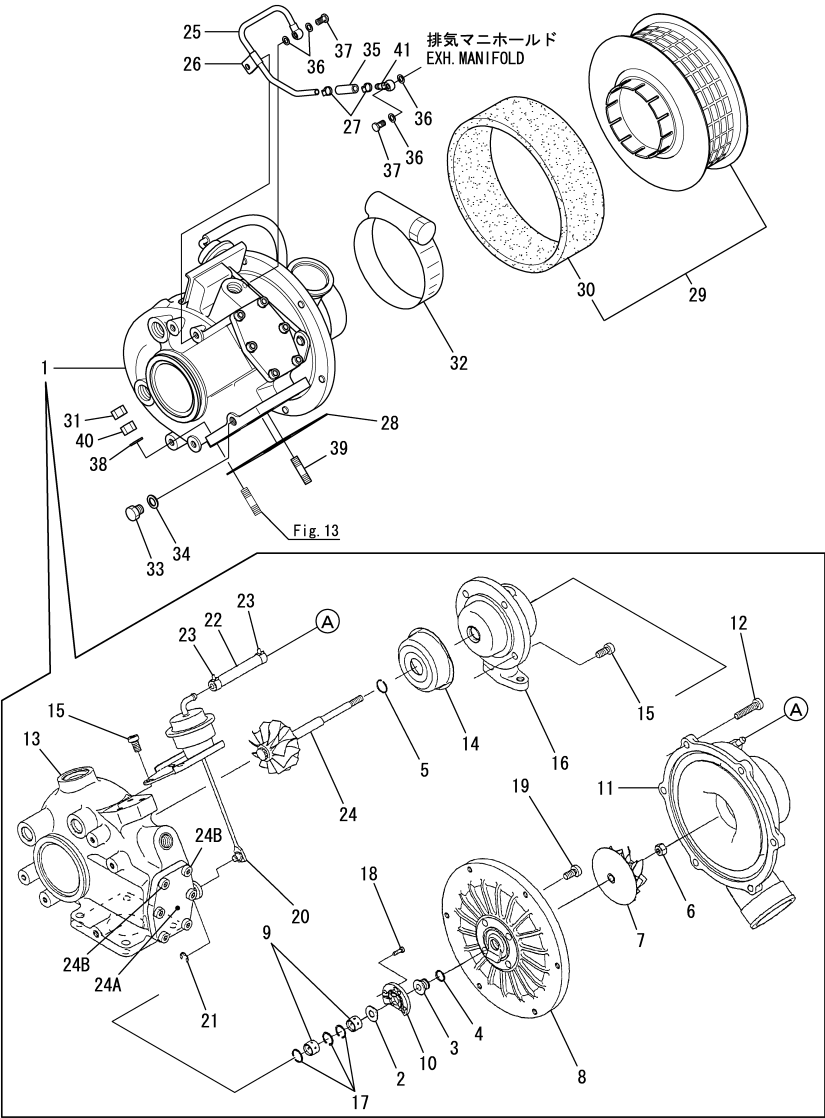


Fig.7. BREATHER



No.	Lev.	Parts No.	Description	(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-03011	BREATHER ASSY	1	1	1					
1-1	1	119773-03012	BREATHER ASSY	1	1	1					S
		(A=E01881)	(B=E01889)	(C=E01859)							
2	2	119773-03021	BODY, BREATHER	1	1	1					
2-1	2	119773-03022	BODY, BREATHER	1	1	1					S
		(A=E01881)	(B=E01889)	(C=E01859)							
3	2	119773-03031	COVER	1	1	1					
3-1	2	119773-03032	COVER, BREATHER	1	1	1					S
		(A=E01881)	(B=E01889)	(C=E01859)							
4	2	26106-060122	BOLT, M6X 12 PLATED	4	4	4					
5	1	119775-03150	HOSE, RUBBER	1	1	1					
6	1	119773-03190	HOSE, BREATHER	1	1	1					
6-1	1	119773-03191	HOSE,BREATHER OUT	1	1	1					S
		(A=E01881)	(B=E01889)	(C=E01859)							
7	1	119773-03200	TUBE	1	1	1					
8	1	119773-03301	HOSE	1	1	1					
9	2	119773-03251	HOSE	1	1	1					
10	2	119773-03271	TUBE, CORRUGATED	1	1	1					
11	1	119172-48190	CLIP, HOSE 19	2	2	2					
12	1	119172-48250	CLIP, HOSE 25	4	4	4					
13	1	26106-080142	BOLT, M8X 14 PLATED	5	5	5					

Fig.8. TURBINE



(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

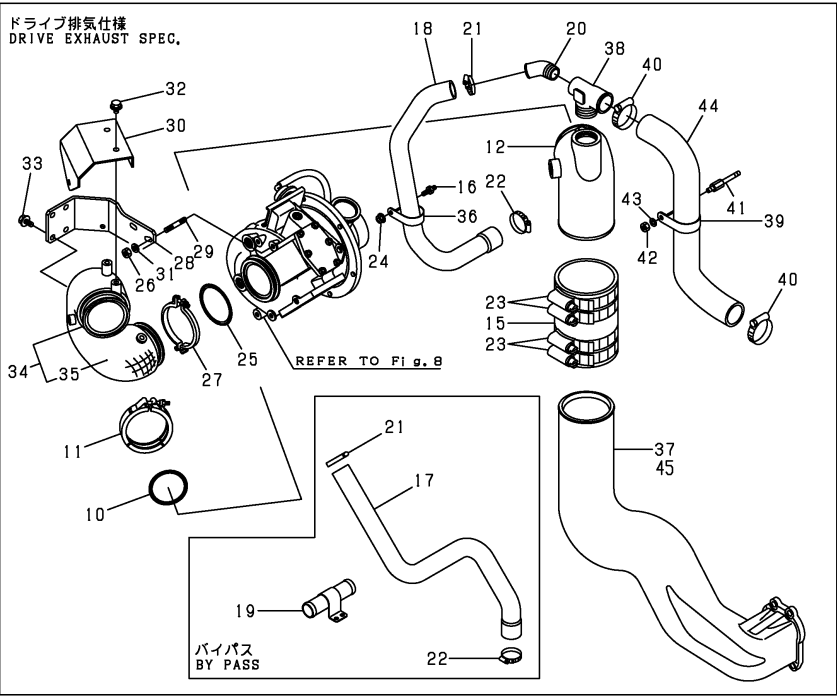
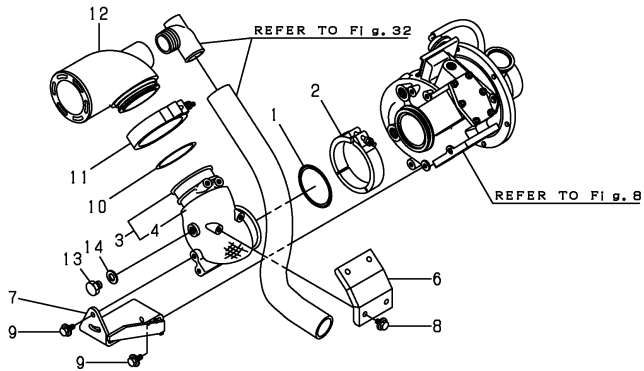
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119775-18150	TURBINE ASSY	1	1	1					
2	2	XNH361400	BUSH	1	1	1					
3	2	XNH361401	COVER	1	1	1					
4	2	XNH261605	RING, SEAL	1	1	1					
5	2	XNH261604	RING, SEAL	1	1	1					
6	2	XNN171110	NUT	1	1	1					
7	2	XNH364606	IMPELLA (COMPRESSER	1	1	1					
8	2	XNH362112	SEAL PLATE	1	1	1					
9	2	XNH363001	METAL, FLOATING	2	2	2					
10	2	XNH363051	THRUST BEARING	1	1	1					
11	2	XNH364405	HOUSING(COMPRESSER	1	1	1					
12	2	XNH733104	BOLT	6	6	6					
13	2	XNH369101	HOUSING ASSY,TURBINE	1	1	1					1
13A	3	XNH365418	HOUSING,TURBINE(UNIT	1	1	1					
14	2	XNH365303	PLATE	1	1	1					
15	2	XNH362809	FLAT BOLT	4	4	4					
16	2	XNH362709	HOUSING, BEARING	1	1	1					
17	2	XNH362810	RETAINING RING	3	3	3					
18	2	XNH362802	SCREW	3	3	3					
19	2	XNH362803	SCREW	4	4	4					
20	2	XNH964771	ACTUATOR	1	1	1					
21	2	XJD532012	CIRCLIP	1	1	1					
22	2	XNH978931	BOOST HOSE	1	1	1					
23	2	XNN976562	CLAMP	2	2	2					
24	2	XNH361206	TURBIN SHAFT ASSY	1	1	1					
24A	2	XNH365311	COVER	1	1	1					
24B	2	XNH362809	FLAT BOLT	6	6	6					
25	1	119773-18701	PIPE ASSY, AIR VENT	1	1	1					
26	1	119773-18730	RETAINER	1	1	1					
27	1	119172-48130	CLIP, HOSE 13	2	2	2					
28	1	119773-18250	GASKET	1	1	1					
29	1	119773-18850	SILENCER ASSY	1	1	1					
30	2	119593-18880	FILTER, 65MM	1	1	1					
31	1	26703-100002	NUT, M10	4	4	4					
32	1	123658-18910	CLIP, HOSE	1	1	1					
33	1	23893-010002	PLUG, G1/8	1	1	1					
34	1	23414-100000	GASKET, 10X1.0	1	1	1					
35	1	127695-49430	JOINT	1	1	1					
36	1	23414-080012	GASKET, 8X1.0	4	4	4					
37	1	23857-030000	BOLT, JOINT 3	2	2	2					
38	1	22117-100000	WASHER, 10	1	1	1					
39	1	26213-100252	STUD, M10X 25	1	1	1					
40	1	26706-100002	NUT, M10	1	1	1					
41	1	104264-59030	JOINT, PIPE 8	1	1	1					

Remarks
(1)Assbly parts of Turbine housing assy are link board and valve.
It isn't sell the unit.

Fig.9. EXHAUST BEND

P/C NEWS No. :Y00R6760-2
PUBLISHED :2008/3

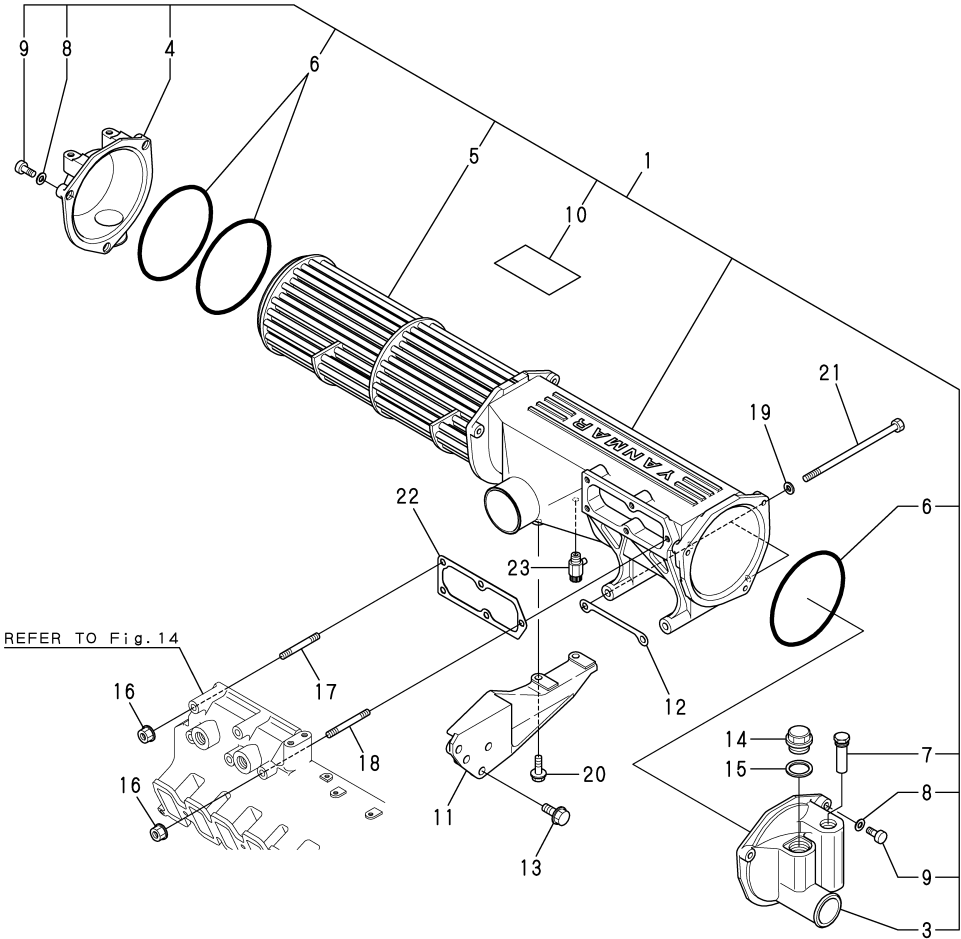


Remarks
(1)(A)119778-13640=>IT APPLIES
EXCLUDING THE USA.
(2)(B)119778-13650=>IT APPLIES TO THE
USA.

(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

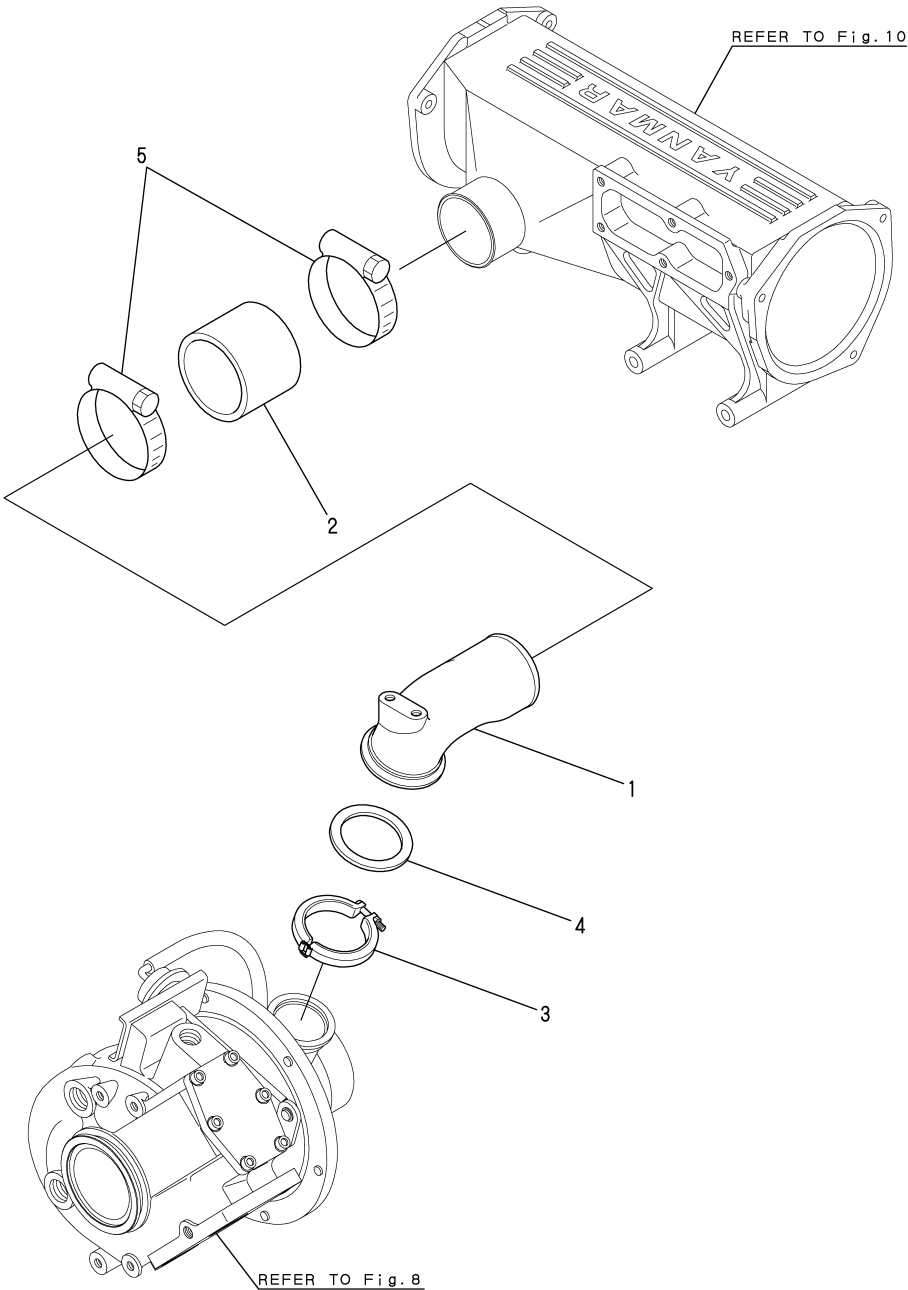
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-13250	GASKET	1	1	1					
2	1	119773-13300	CLAMP	1	1	1					
3	1	119778-13301	BEND ASSY	1	1	1					
4	2	119778-13311	MAT, WOOL	1	1	1					
6	1	119778-13330	COVER	1	1	1					
7	1	119778-13370	BRACKET, BEND	1	1	1					
8	1	26106-080122	BOLT, M8X 12 PLATED	4	4	4					
9	1	26106-080162	BOLT, M8X 16 PLATED	4	4	4					
10	1	119773-13250	GASKET	1	1	1					
11	1	119773-13300	CLAMP	1	1	1					
12	1	119773-13501	ELBOW	1	1	1					
13	1	23893-020002	PLUG, G1/4	1	1	1					
14	1	23414-130000	GASKET, 13X1.0	1	1	1					
15	1	119175-13800	JOINT		1	1					
16	1	114973-13950	BOLT		1	1					
17	1	119778-49070	HOSE		1	1					
18	1	119778-49080	HOSE		1	1					
19	1	119778-49200	JOINT		1	1					
20	1	119175-49550	JOINT		2	2					
21	1	119172-48350	CLIP, HOSE 35		2	2					
22	1	119172-48410	CLIP, HOSE 41		2	2					
23	1	119172-48010	CLIP, HOSE 127		4	4					
24	1	26306-080002	NUT, M8		1	1					
25	1	119773-13250	GASKET		1	1					
26	1	26306-080002	NUT, M8		2	2					
27	1	119773-13300	CLAMP		1	1					
28	1	119778-13550	BRACKET, BEND		1	1					
29	1	128170-13600	STUD, M8X31		2	2					
30	1	119175-13700	COVER		1	1					
31	1	22137-080000	WASHER, 8		1	1					
32	1	26106-080122	BOLT, M8X 12 PLATED		3	3					
33	1	26106-080162	BOLT, M8X 16 PLATED		4	4					
34	1	119175-13301	BEND ASSY		1	1					
35	2	119175-13320	INSULATOR		1	1					
36	1	127610-03270	RETAINER		1	1					
37	1	119778-13640	PIPE, EXHAUST		1	1					1
38	1	119778-48620	JOINT		1	1					
38-1	1	119779-48620	BEND		1	1					R
			(B=*2002.01) (C=*2002.01)								
39	1	119593-49080	BAND		1	1					
40	1	23000-054000	CLAMP, 54		2	2					
41	1	119778-49800	BOLT		1	1					
42	1	26716-080002	NUT, M8		1	1					
43	1	22117-080000	WASHER, 8		1	1					
44	1	119778-49040	HOSE, MIXING		1	1					
44-1	1	119779-49040	HOSE, MIXING		1	1					R
			(B=*2001.04) (C=*2001.04)								
45	1	119778-13650	PIPE, EXHAUST		1	1					W 2
			(B=*2009.03) (C=*2009.03)								



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-18100	COOLER ASSY, INTER	1	1	1					
3	2	119773-18340	BOX, WATER	1	1	1					
4	2	119773-18330	BOX, WATER	1	1	1					
5	2	119773-18320	TUBE	1	1	1					
6	2	119773-18350	O-RING	3	3	3					
7	2	119574-18790	ZINC, ANTI-CORROSIVE	1	1	1					
8	2	X211810030	WASHER	6	6	6					
9	2	X214320104	SCREW	6	6	6					
10	2	119773-18360	LABEL	1	1	1					
11	1	119773-18160	BRACKET	1	1	1					
12	1	119773-18181	GASKET	1	1	1					
13	1	26136-100252	BOLT, M10X 25 PLATED	2	2	2					
14	1	119773-18410	PLUG, M26X1.5	1	1	1					
15	1	22190-270002	WASHER, SEAL 27	1	1	1					
16	1	26306-080002	NUT, M8	5	5	5					
17	1	26226-080652	STUD, M8X 65	2	2	2					
18	1	26226-080752	STUD, M8X 75	3	3	3					
19	1	22117-080000	WASHER, 8	2	2	2					
20	1	26106-080252	BOLT, M8X 25 PLATED	2	2	2					
21	1	26116-081652	BOLT, M8X165 PLATED	2	2	2					
22	1	119773-18121	GASKET	1	1	1					
23	1	119620-49290	COCK ASSY, 1/4	1	1	1					

Fig.11. AIR DUCT

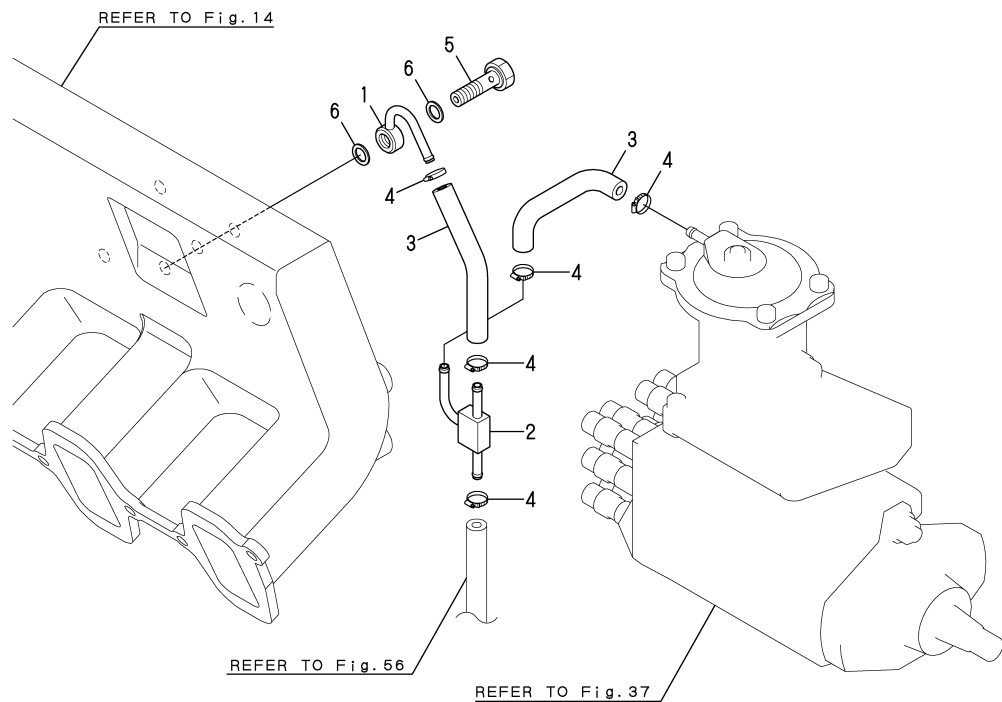


(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

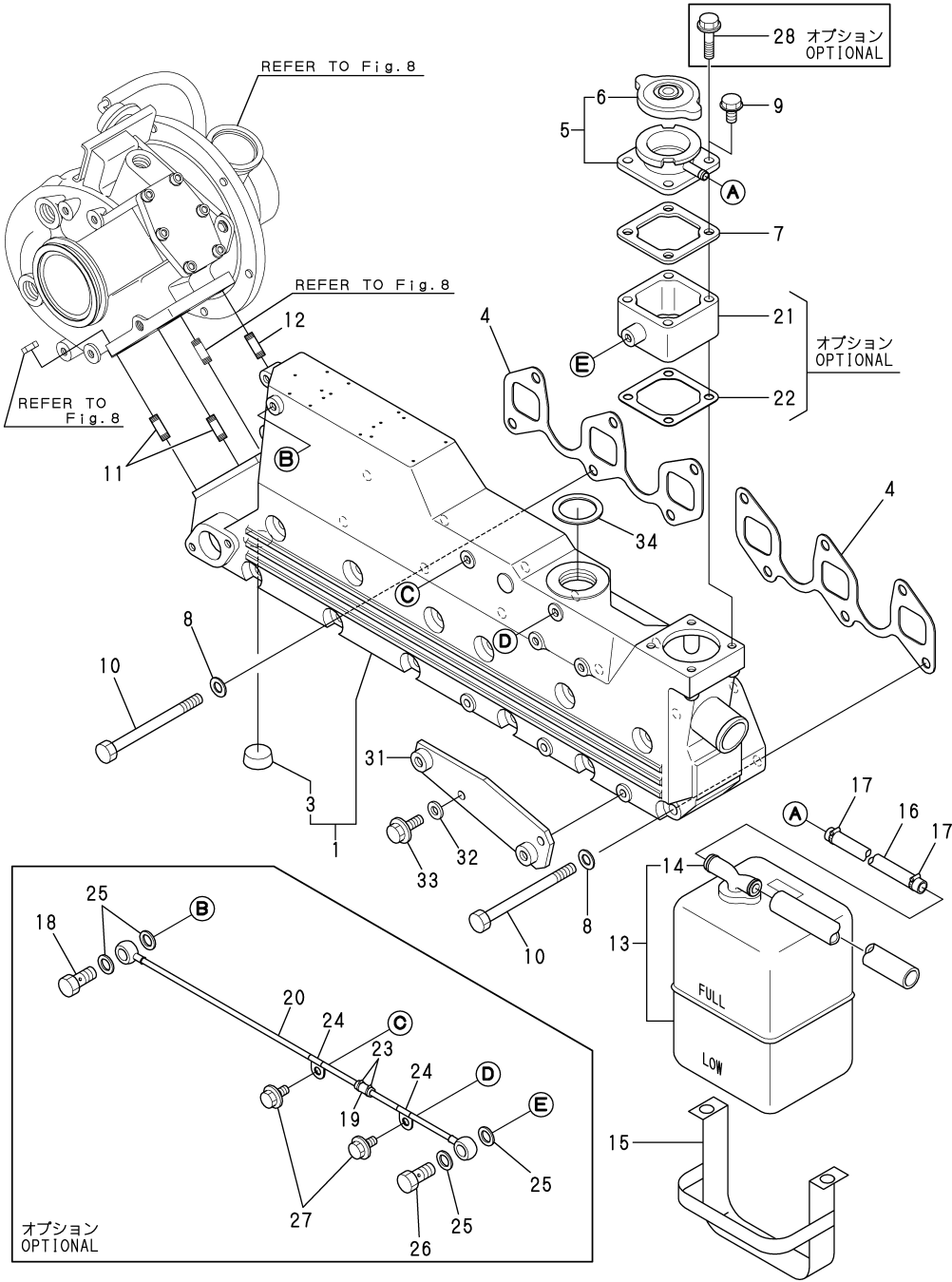
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-18210	DUCT, AIR	1	1	1					
2	1	119574-18250	HOSE, AIR DUCT	1	1	1					
3	1	119574-18700	BAND	1	1	1					
4	1	119593-18800	GASKET	1	1	1					
5	1	119574-18910	CLIP, HOSE	2	2	2					

Fig.12. BOOST CONTROL



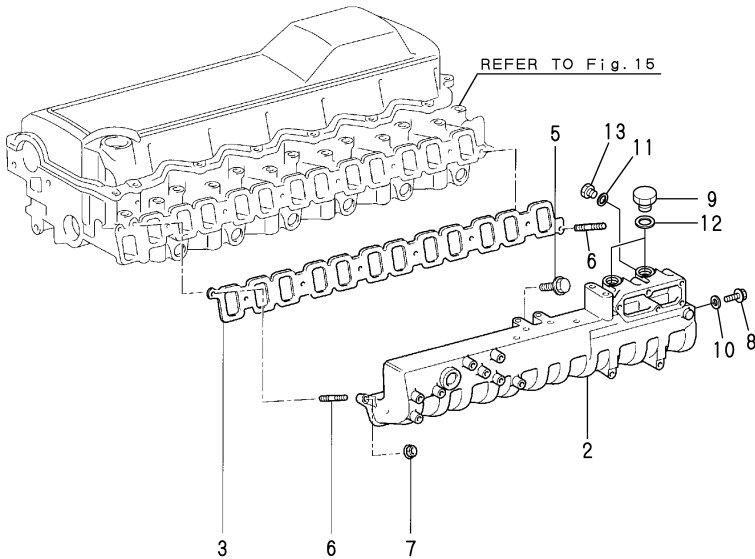
No.	Lev.	Parts No.	Description	(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3			(D)= (E)= (F)=			
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	119773-18530	JOINT	1	1	1				
2	1	119773-18540	JOINT, 3-WAY	1	1	1				
3	1	119773-18560	JOINT, RUBBER	2	2	2				
4	1	119172-48130	CLIP, HOSE 13	4	4	4				
5	1	129198-59540	BOLT, PIPE JOINT M8	1	1	1				
6	1	23414-080000	GASKET, 8X1.0	2	2	2				

Fig.13. EXHAUST MANIFOLD



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-13100	MANIFOLD ASSY	1	1	1					
3	2	119773-13160	PLUG, 28	4	4	4					
4	1	119773-13200	GASKET	2	2	2					
5	1	129171-44600	FILLER ASSY	1	1	1					
6	2	129107-44590	CAP, RADIATOR	1	1	1					
7	1	120445-44640	GASKET	1	1	1					
8	1	22117-100000	WASHER, 10	12	12	12					
9	1	26106-080162	BOLT, M8X 16 PLATED	4	4	4					
10	1	119773-13010	BOLT, M10X130	12	12	12					
11	1	26223-100252	STUD, M10X 25	2	2	2					
12	1	26213-100252	STUD, M10X 25	1	1	1					
13	1	43230-556830	TANK ASSY, SUB	1	1	1					
14	2	X0225002201	CONDUCTION ASSY	1	1	1					
15	1	119574-44560	BRACKET	1	1	1					
16	1	124790-44560	PIPE, WATER L=1000	1	1	1					
17	1	23010-013000	CLAMP 13	2	2	2					
18	1	127616-11960	BOLT	1							
19	1	119593-18480	JOINT, RUBBER	1							
20	1	119773-44500	TUBE	2							
21	1	119595-44600	SPACER	1							
22	1	120445-44640	GASKET	1							
23	1	119172-48130	CLIP, HOSE 13	2							
24	1	23297-060081	CLAMP, A6X 8	2							
25	1	23414-080012	GASKET, 8X1.0	4							
26	1	23857-030000	BOLT, JOINT 3	1							
27	1	26106-080122	BOLT, M8X 12 PLATED	2							
28	1	26106-080602	BOLT, M8X 60 PLATED	4							
31	1	119778-67200	BRACKET		1	1					
31-1	1	119778-67201	BRACKET		1	1					S
(B=*2008.12) (C=*2008.12)											
32	1	22117-080000	WASHER, 8		2	2					
33	1	26106-080222	BOLT, M8X 22 PLATED		2	2					
34	1	22190-360002	WASHER, SEAL 36	1	1	1					

Fig.14. SUCTION MANIFOLD

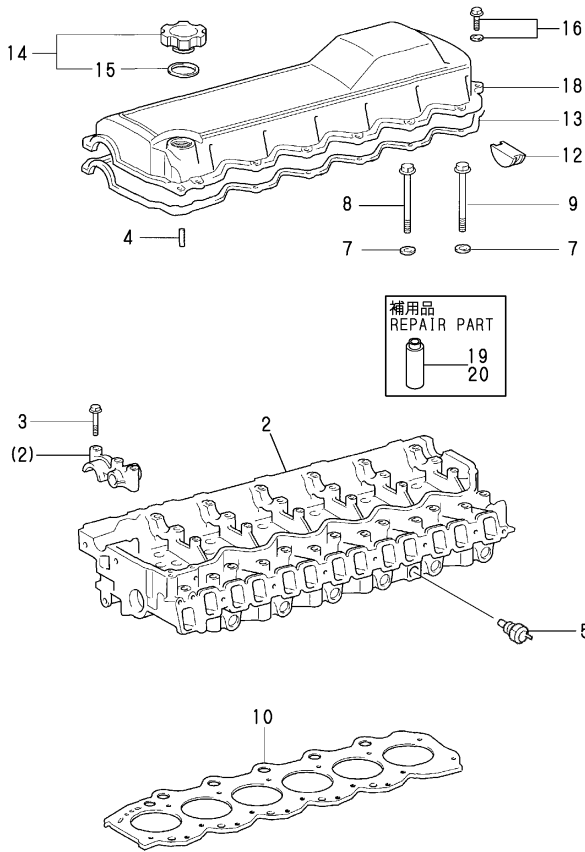


(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119775-12102	MANIFOLD ASSY	1	1	1					
3	2	119775-12150	GASKET, MANIFOLD	1	1	1					
5	2	119770-90740	BOLT	10	10	10					
6	2	119770-90860	STUD	2	2	2					
7	2	119770-90630	NUT	2	2	2					
8	1	26106-080162	BOLT, M8X 16 PLATED	1	1	1					
9	1	23887-200002	PLUG, 20	2	2	2					
10	1	23414-080012	GASKET, 8X1.0	1	1	1					
11	1	23414-180000	GASKET, 18X1.0	2	2	2					
12	1	23414-200000	GASKET, 20X1.0	2	2	2					
13	1	23887-180002	PLUG, 18	2	2	2					

Fig.15. CYLINDER HEAD



(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119771-00012	HEAD ASSY, CYLINDER	1	1	1					
3	2	119771-90060	BOLT	21	21	21					
4	2	119771-90050	PIN	2	2	2					
5	2	119770-01230	GAUGE	1	1	1					
7	2	119770-90070	WASHER	26	26	26					
8	2	119771-90070	BOLT	20	20	20					
9	2	119770-90080	BOLT	6	6	6					
10	2	119771-00401	GASKET, HEAD MARK 1	1	1	1					1
10A	2	119771-00411	GASKET, HEAD MARK 3	1	1	1					1
10B	2	119771-00421	GASKET, HEAD MARK 5	1	1	1					1
12	2	119770-00040	PLUG	1	1	1					
13	2	119771-00041	GASKET, HEAD	1	1	1					
14	2	119770-00070	CAP ASSY, FILLER	1	1	1					
15	3	119770-90110	GASKET	1	1	1					
16	2	119771-90080	BOLT	12	12	12					
18	2	119771-00031	COVER	1	1	1					
19	1	119771-02010	GUIDE, VALVE	2	2	2					
20	1	119771-02020	GUIDE, VALVE 0.05 OS	2	2	2					

Remarks
(1)REPAIR PART

Fig.16. ENGINE LIFTER

(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119771-00440	HANGER, ENGINE	1	1	1					
3	1	119773-07210	LIFTER	1	1	1					
4	1	26106-100182	BOLT, M10X 18 PLATED	2	2	2					

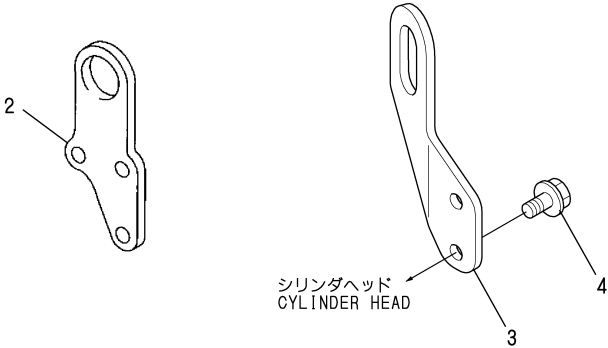
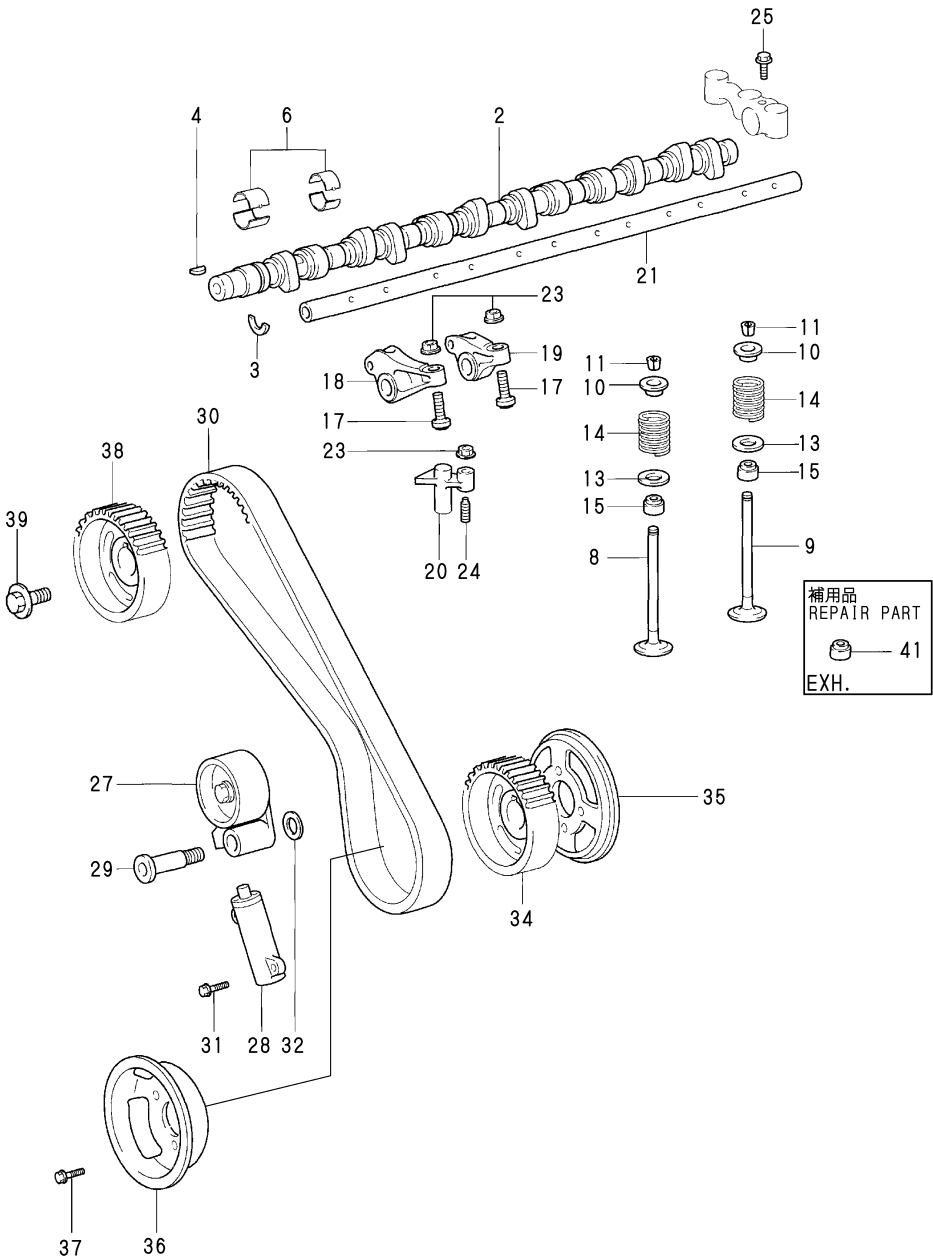


Fig.17. CAMSHAFT

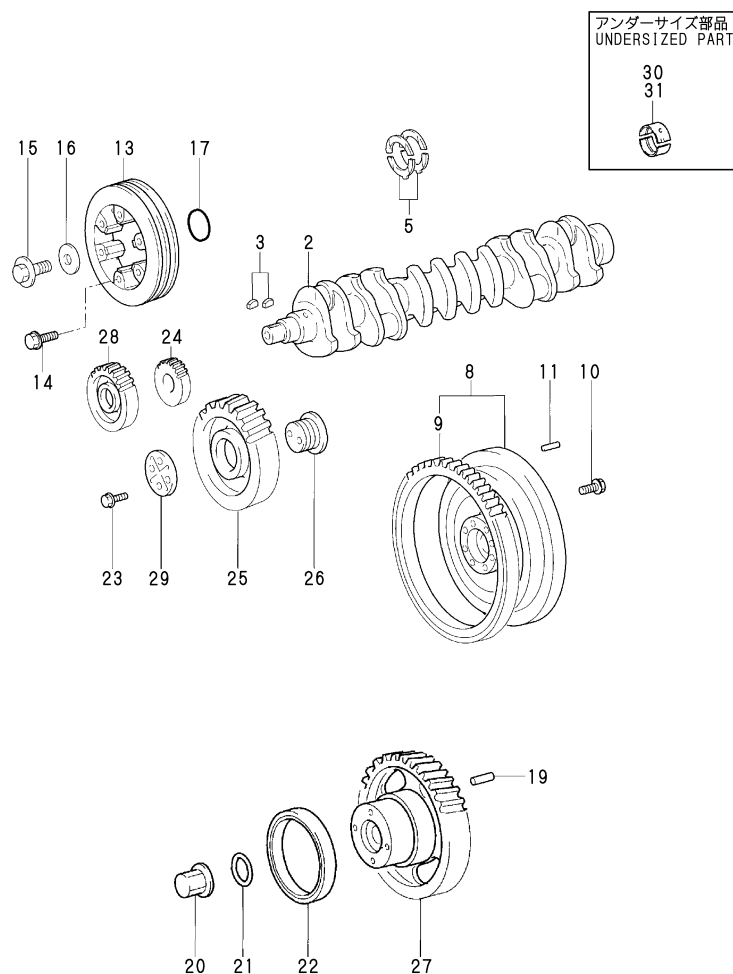


(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119771-00450	CAMSHAFT	1	1	1					
3	2	119770-00340	PLATE	1	1	1					
4	2	119770-90510	KEY	1	1	1					
6	2	119771-00051	BEARING SET	1	1	1					
8	2	119771-00211	VALVE, SUCTION	12	12	12					
9	2	119771-00221	VALVE, EXHAUST	12	12	12					
10	2	119771-00230	RETAINER, SPRING	24	24	24					
11	2	119771-90190	LOCK, SPRING	48	48	48					
13	2	119771-00240	SEAT, SPRING	24	24	24					
14	2	119771-90200	SPRING	24	24	24					
15	2	119771-90210	SEAL, VALVE STEM	24	24	24					
17	2	119771-00250	SCREW	12	12	12					
18	2	119771-00261	ARM ASSY, VALVE	6	6	6					
19	2	119771-00271	ARM ASSY, VALVE	6	6	6					
20	2	119771-00280	BRIDGE, VALVE	12	12	12					
21	2	119771-00290	SHAFT, VALVE	1	1	1					
23	2	119771-90230	NUT	24	24	24					
24	2	119771-90240	SCREW	12	12	12					
25	2	119771-90250	BOLT	2	2	2					
27	2	119771-00170	IDLER	1	1	1					
28	2	119771-00430	TENSIONER	1	1	1					
29	2	119771-00190	SHAFT	1	1	1					
30	2	119771-00201	BELT, TIMING	1	1	1					
31	2	119771-90170	BOLT	2	2	2					
32	2	119771-90180	WASHER	1	1	1					
34	2	119770-00420	PULLEY	1	1	1					
35	2	119770-00430	FLANGE	1	1	1					
36	2	119770-00440	FLANGE	1	1	1					
37	2	119770-90560	BOLT	4	4	4					
38	2	119770-00410	PULLEY	1	1	1					
39	2	119770-91040	BOLT	1	1	1					
41	2	119775-11340	SEAL, VALVE STEM	12	12	12					

Fig.18. CRANKSHAFT



No.	Lev.	Parts No.	Description	(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119770-00292	CRANKSHAFT	1	1	1					
3	2	119770-90440	KEY	2	2	2					
5	2	119770-00130	WASHER SET	1	1	1					
8	2	119770-00300	FLYWHEEL ASSY	1	1	1					
9	3	119770-00310	GEAR, RING	1	1	1					
10	2	119770-90450	BOLT	8	8	8					
11	2	119770-90460	PIN	3	3	3					
13	2	119770-00320	PULLEY ASSY	1	1	1					
14	2	119770-90470	BOLT	6	6	6					
15	2	119770-90480	BOLT	1	1	1					
16	2	119770-90490	WASHER	1	1	1					
17	2	119770-90500	O-RING	1	1	1					
19	2	119770-90160	PIN, PARALLEL	1	1	1					
20	2	119770-90520	NUT	1	1	1					
21	2	119770-90530	O-RING	1	1	1					
22	2	119770-90540	BEARING, BALL	1	1	1					
23	2	119770-90550	BOLT	2	2	2					
24	2	119771-00131	GEAR, CRANKSHAFT	1	1	1					
25	2	119771-00141	GEAR	1	1	1					
26	2	119771-00151	SHAFT	1	1	1					
27	2	119771-00160	GEAR	1	1	1					
28	2	119770-00360	GEAR, PUMP	1	1	1					
29	2	119770-00381	PLATE	1	1	1					
30	1	119770-02031	METAL, MAIN 0.25 US	1	1	1					2
31	1	119770-02041	METAL, MAIN 0.50 US	1	1	1					3

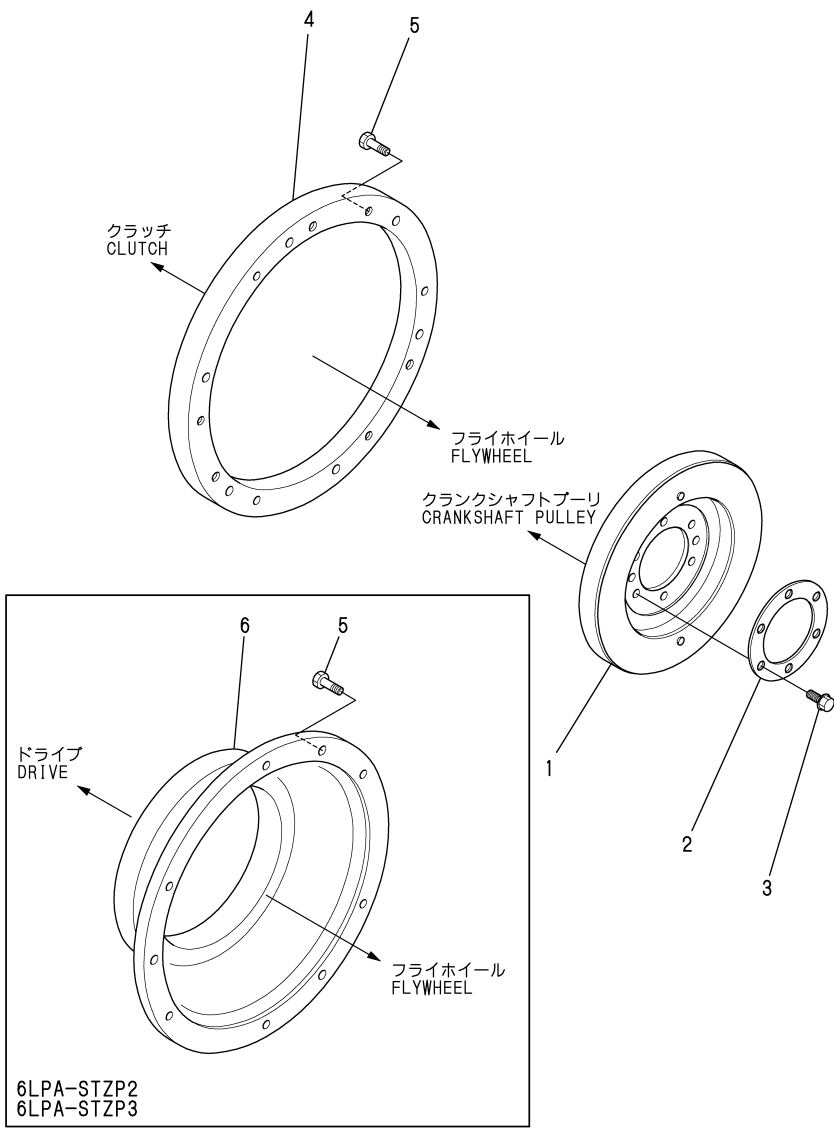
Remarks

- (1)REFER TO INTRODUCTION
(2)UNDER SIZED(U.S.=0.25)PART 7 SET
(3)UNDER SIZED(U.S.=0.50)PART 7 SET

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

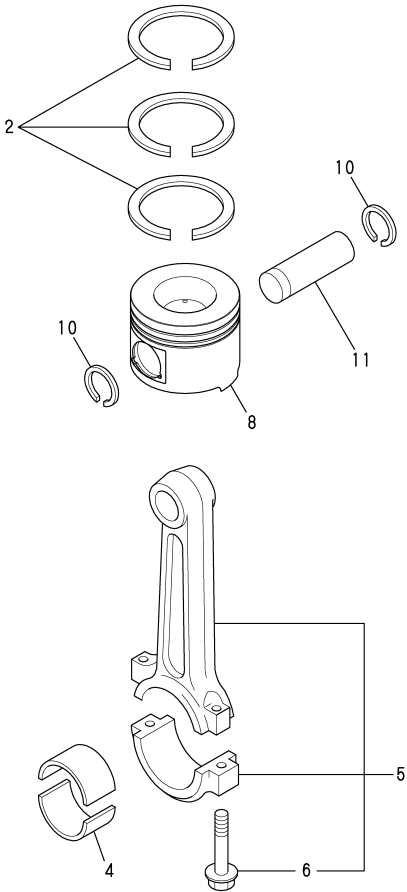
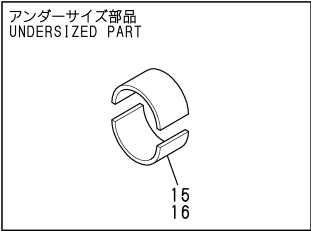
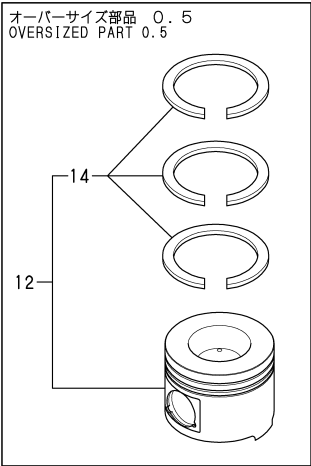
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

Fig.19. DAMPER



No.	Lev.	Parts No.	Description	(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3		(D)= (E)= (F)=		Q'ty		I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-28010	DAMPER	1	1	1					
2	1	119775-28500	SPACER	1	1	1					
3	1	119773-28600	BOLT, M8X20	6	6	6					
4	1	119773-21510	SPACER, FLYWHEEL	1							
5	1	119005-77350	BOLT, M8X25	6	6	6					
6	1	119778-21510	SPACER, FLYWHEEL		1	1					

Fig.20. PISTON & CONNECTING ROD



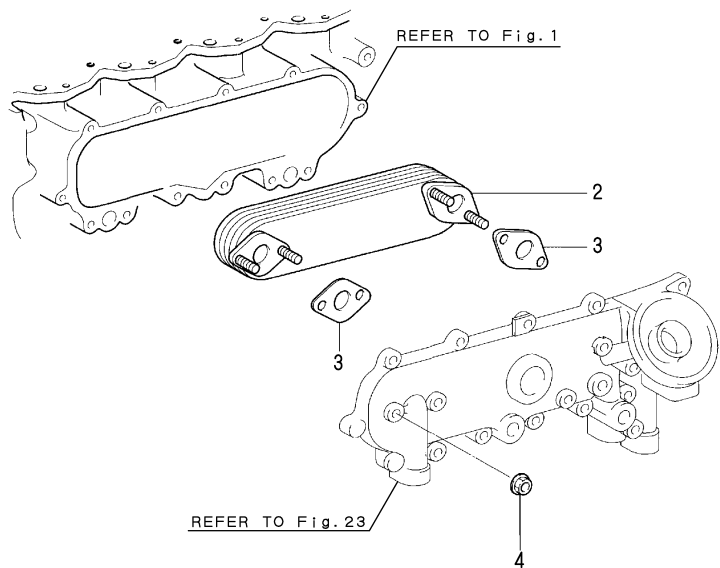
(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119770-00250	RING SET, PISTON	1	1	1					5
4	2	119770-00260	BEARING SET, MARK 2	6	6	6					1
4A	2	119770-01010	BEARING SET, MARK 3	6	6	6					1
4B	2	119770-01020	BEARING SET, MARK 4	6	6	6					1
4C	2	119770-01030	BEARING SET, MARK 5	6	6	6					1
4D	2	119770-01040	BEARING SET, MARK 6	6	6	6					1
5	2	119770-00270	ROD ASSY, CONNECTING	6	6	6					
6	3	119770-00280	BOLT, ROD	12	12	12					
8	1	119775-22160	PISTON	6	6	6					
10	1	119771-90350	RING, SNAP	12	12	12					
11	1	119770-02010	PIN, PISTON	6	6	6					
12	1	719775-22110	PISTON ASSY, O.50 OS	1	1	1					2
14	2	119770-01180	RING SET, PISTON .50	1	1	1					2
15	1	119770-02050	METAL, CRANK PIN .25	1	1	1					3
16	1	119770-02060	METAL, CRANK PIN .50	1	1	1					4

Remarks
(1)Refer to introduction.
(2)Over-sized(O.S.=0.5) parts 6 set.
(3)Under-sized(U.S.=0.25) parts 6 set.
(4)Under-sized(U.S.=0.5) parts 6 set.
(5)6 set.

Fig.21. LUB. OIL COOLER 1

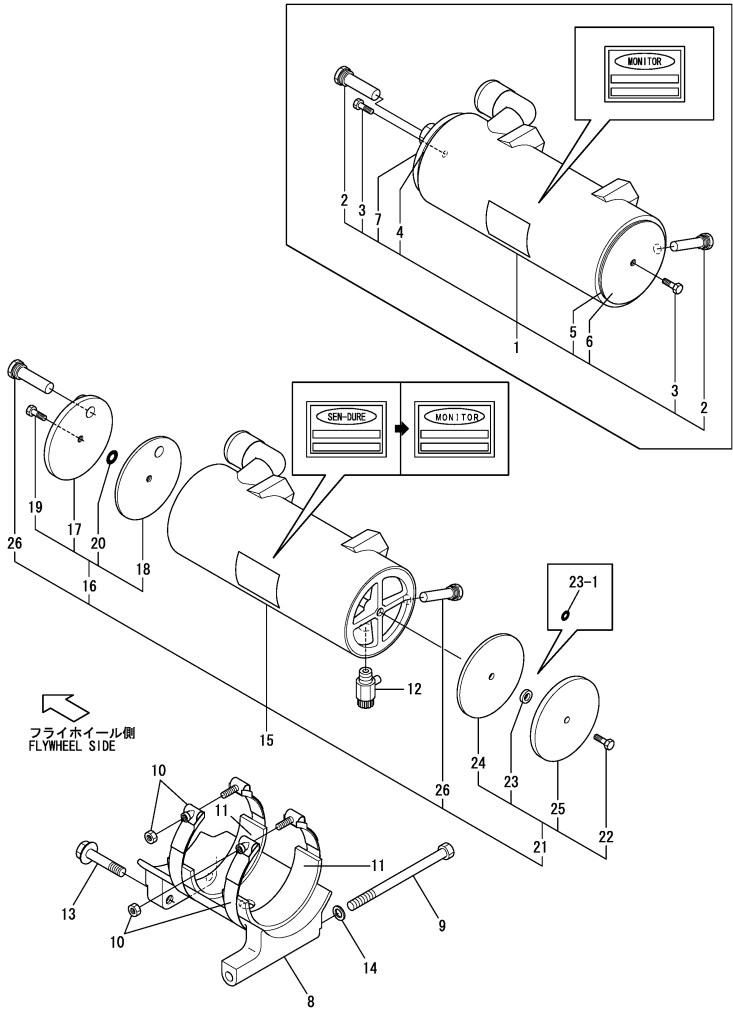


No.	Lev.	Parts No.	Description	(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119770-00651	COOLER ASSY, OIL	1	1	1					
3	2	119770-00660	GASKET	2	2	2					
4	2	119770-90630	NUT	4	4	4					

Fig.22. LUB. OIL COOLER 2

(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=



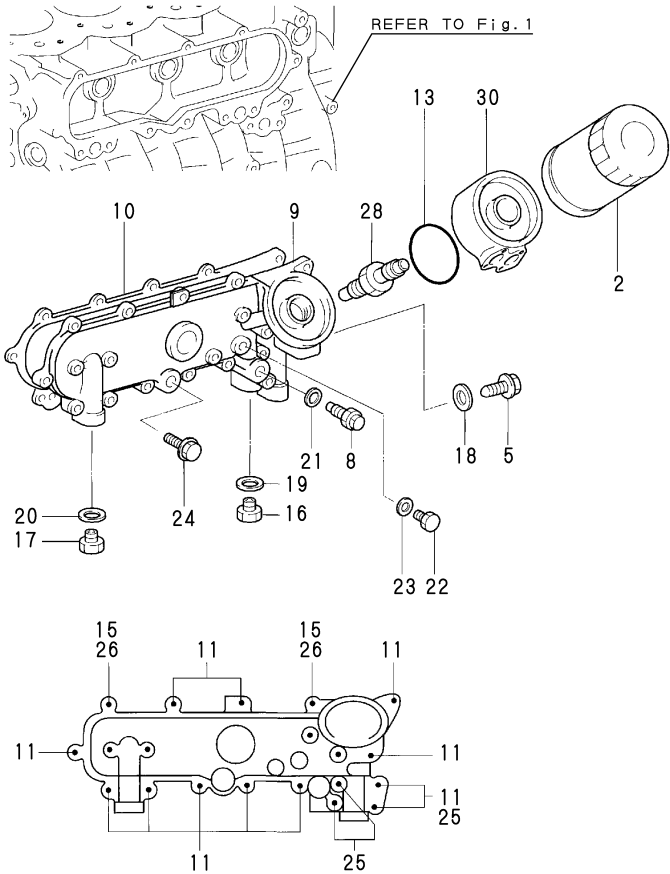
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119775-33000	COOLER, OIL	1	1	1					4
2	2	119574-44150	ZINC, ANTI-CORROSIVE	2	2	2					
3	2	119574-44180	BOLT, UNC 3/8	2	2	2					1
4	2	119773-33070	GASKET	1	1	1					2
5	2	119773-33080	GASKET	1	1	1					3
6	2	119773-33060	COVER ASSY	1	1	1					3
7	2	119773-33050	COVER ASSY	1	1	1					2
8	1	119775-33151	BRACKET	1	1	1					
9	1	119775-33170	BOLT, M10X140	1	1	1					
10	1	119775-33200	CLAMP, BOLT	2	2	2					
11	1	119775-33650	SEAT, RUBBER	2	2	2					
12	1	119620-49290	COCK ASSY, 1/4	1	1	1					
13	1	26106-100502	BOLT, M10X 50 PLATED	2	2	2					
14	1	22117-100000	WASHER, 10	1	1	1					
15	1	119775-33000	COOLER, OIL	1	1	1					4
16	2	119775-33100	COVER KIT	1	1	1					W
(A=*2007.04) (B=*2007.04) (C=*2007.04)											
17	3	119775-33060	COVER	1	1	1					
18	3	119775-33070	GASKET, 4 INCH	1	1	1					
19	3	119175-33340	BOLT, UNC 3/8-16X3/4	1	1	1					
20	3	119175-33350	O-RING	1	1	1					
21	2	119175-33320	COVER KIT	1	1	1					W
(A=*2007.04) (B=*2007.04) (C=*2007.04)											
22	3	119175-33330	BOLT, UNC 3/8-16X5/8	1	1	1					
23	3	119175-33360	GASKET	1	1	1					
23-1	3	119175-33350	O-RING	1	1	1					R
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX)											
24	3	119175-33370	GASKET, 4 INCH	1	1	1					
25	3	119175-33390	COVER	1	1	1					
26	2	119574-44150	ZINC, ANTI-CORROSIVE	2	2	2					

Remarks
(1)There are a KIT and interchangeability of No.16 or No.21.(Not interchangeable single part.) (2)There are a KIT and interchangeability of No.16.(Not interchangeable single part.) (3)There are a KIT and interchangeability of No.21.(Not interchangeable single part.) (4)Manufacturer change. MONITOR INC.(No.1)->SEN-DURE INC.(No.15)->MONITOR INC.(No.15). part number doesn't have the change.

Fig.23. LUB. OIL COOLER COVER

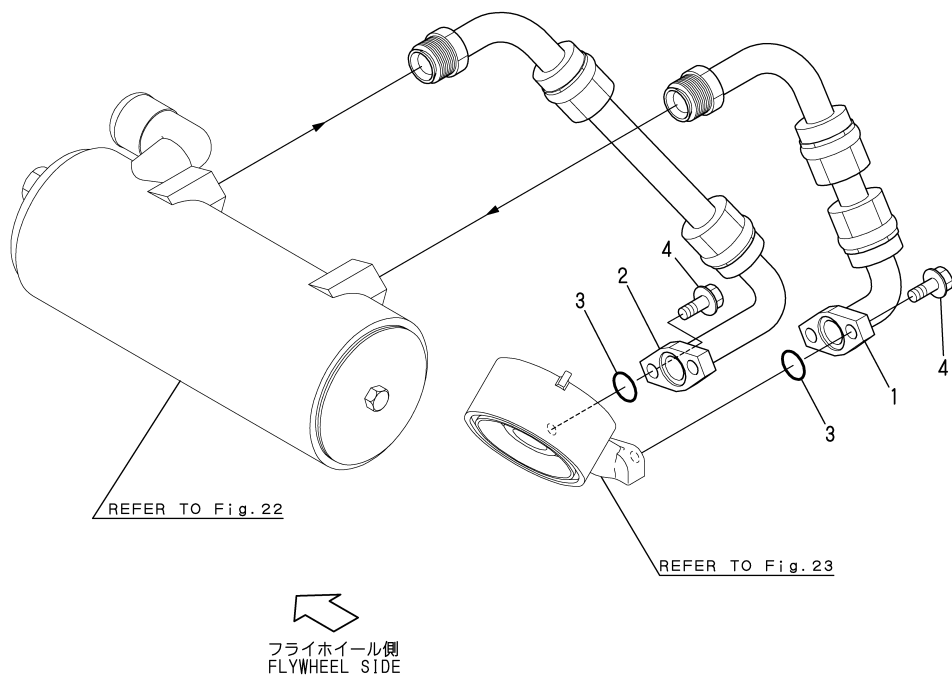
(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=



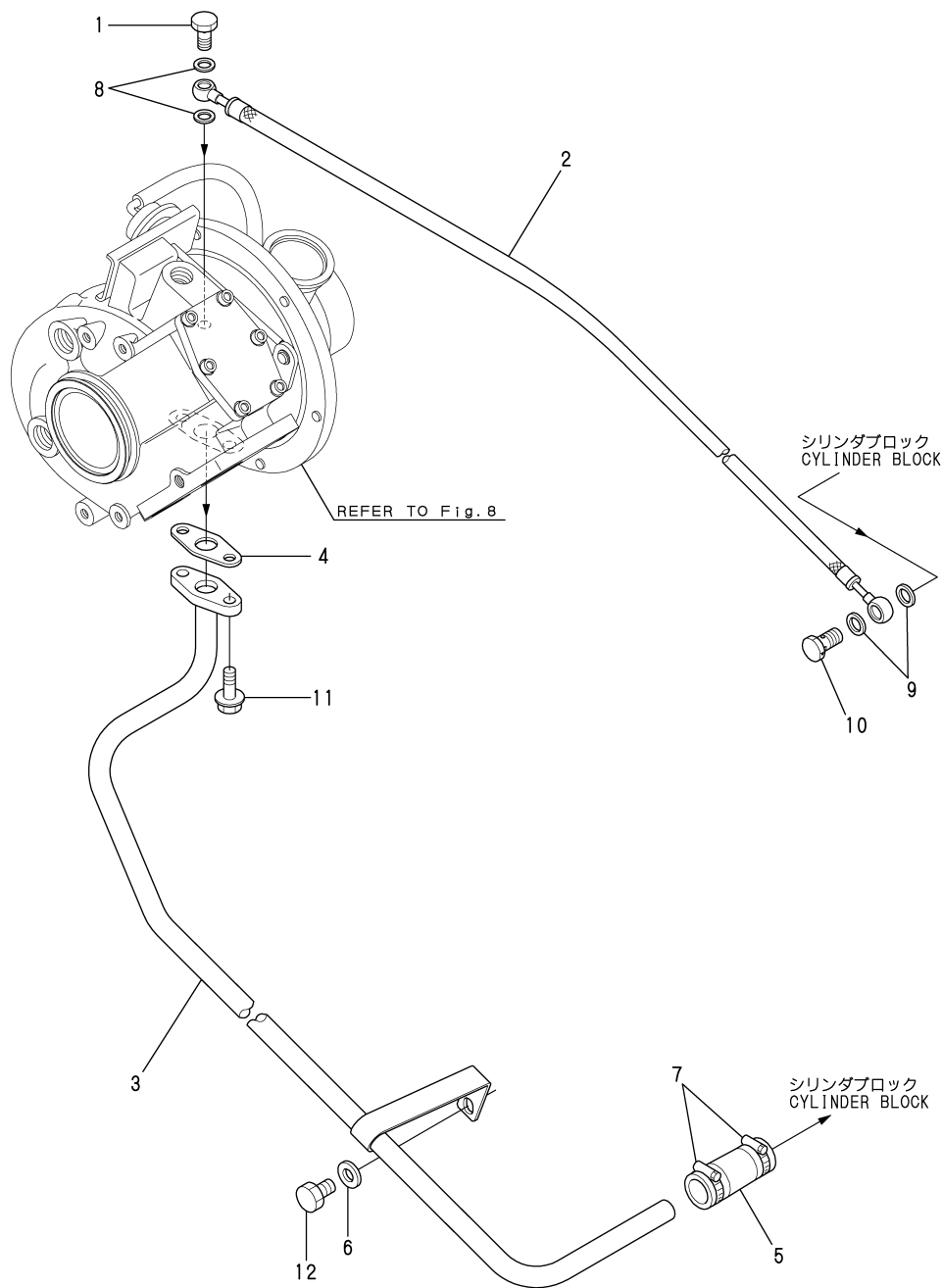
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119770-90620	FILTER, OIL	1	1	1					
5	2	119770-00670	VALVE ASSY, OIL	1	1	1					
8	2	119770-00680	VALVE ASSY, COOLER	1	1	1					
9	2	119770-00692	COVER	1	1	1					
10	2	119770-00710	GASKET	1	1	1					
11	2	119770-90260	BOLT	12	12	12					
13	2	119771-90260	O-RING, D80	1	1	1					
15	2	119770-90630	NUT	2	2	2					
16	2	119770-90650	PLUG	1	1	1					
17	2	119770-90660	PLUG	1	1	1					
18	2	119770-90670	GASKET	1	1	1					
19	2	119770-90680	GASKET	1	1	1					
20	2	119770-90690	GASKET	2	2	2					
21	2	119770-90700	GASKET	1	1	1					
22	2	119770-90710	PLUG	1	1	1					
23	2	119770-90720	GASKET	1	1	1					
24	2	119770-90730	PLUG	1	1	1					
25	2	119770-90740	BOLT	2	2	2					
26	2	119770-90750	STUD	2	2	2					
28	2	119775-35080	UNION ASSY	1	1	1					
30	2	119775-35060	SPACER	1	1	1					

Fig.24. LUB. OIL PIPE



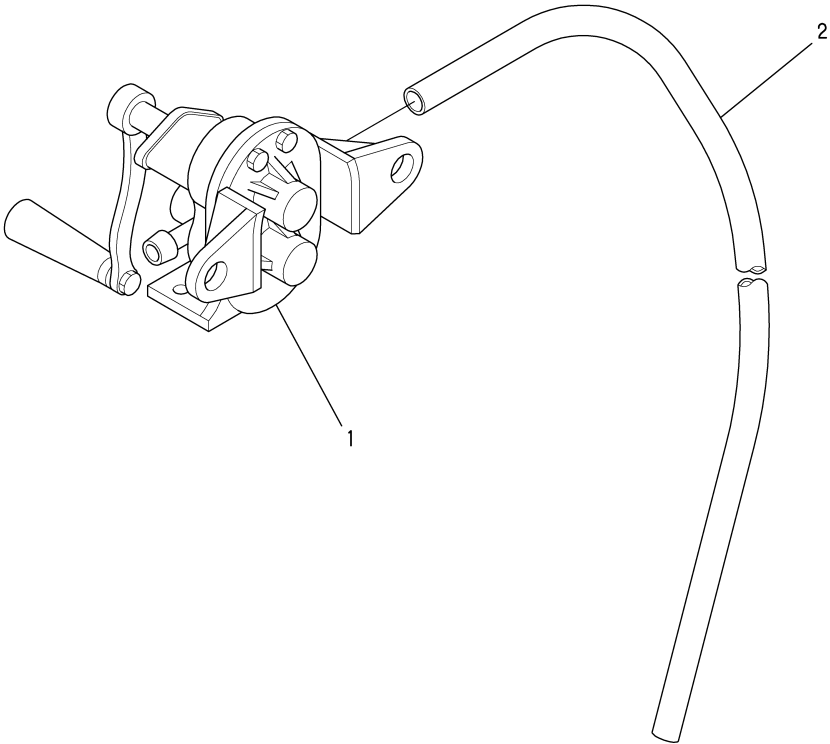
No.	Lev.	Parts No.	Description	(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119775-39121	PIPE ASSY, OIL	1	1	1					
2	1	119775-39141	PIPE ASSY, OIL	1	1	1					
3	1	24311-000200	O-RING, 1AP20.0	2	2	2					
4	1	26106-080202	BOLT, M8X 20 PLATED	4	4	4					

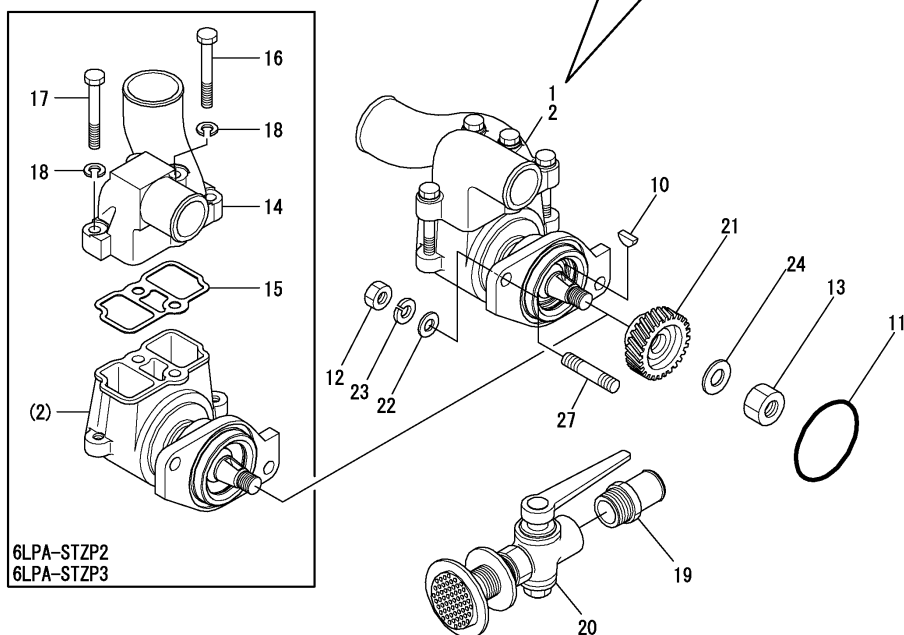
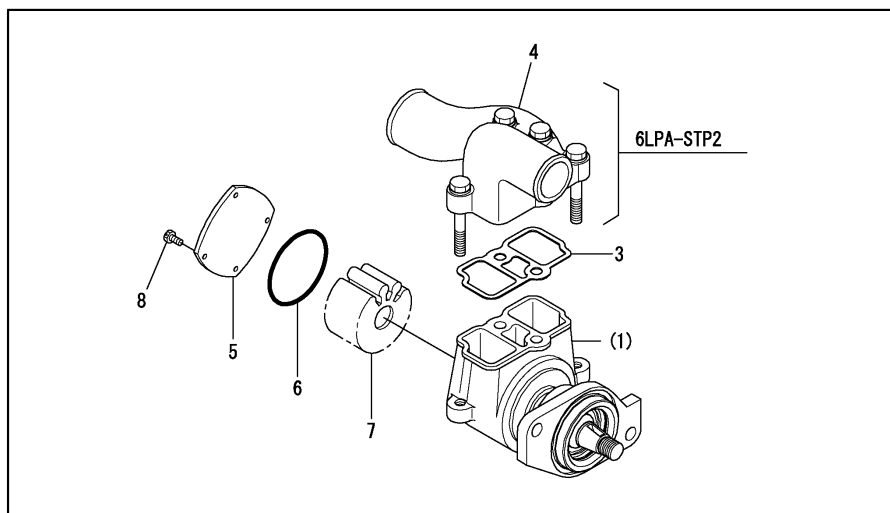
Fig.25. LUB. OIL PIPE(TURBINE)



No.	Lev.	Parts No.	Description	(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121252-39150	BOLT, JOINT M10X1.5	1	1	1					
2	1	119773-39610	PIPE ASSY, OIL	1	1	1					
3	1	119773-39671	PIPE ASSY, OIL	1	1	1					
4	1	119593-39690	GASKET	1	1	1					
5	1	119773-39820	JOINT	1	1	1					
6	1	22117-120000	WASHER, 12	1	1	1					
7	1	119172-48280	CLIP, HOSE 28	2	2	2					
8	1	23414-100000	GASKET, 10X1.0	2	2	2					
9	1	23414-120000	GASKET, 12X1.0	2	2	2					
10	1	23857-060000	BOLT, JOINT 6	1	1	1					
11	1	26106-100222	BOLT, M10X 22 PLATED	2	2	2					
12	1	26156-120202	BOLT, M12X 20 PLATED	1	1	1					

Fig.26. OIL SUCTION/DRAIN PUMP

[illegible]



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-42500	PUMP ASSY, WATER	1							
2	1	119773-42650	PUMP ASSY, WATER		1	1					
3	2	119787-42570	GASKET, WATER PUMP	1							
4	2	119773-42550	JOINT, HOSE	1							
5	2	129670-42520	COVER	1	1	1					
6	2	119773-42570	O-RING	1	1	1					
7	2	119773-42600	IMPELLER	1	1	1					
8	2	119175-42620	SCREW	4	4	4					
10	1	22522-050160	KEY, WOODRUFF 5X16	1	1	1					
11	1	24321-000650	O-RING, 1AG65.0	1	1	1					
12	1	26736-100002	NUT, M10	2	2	2					
13	1	26736-140002	NUT, M14	1	1	1					
14	1	119787-42550	JOINT		1	1					
15	1	119787-42570	GASKET, WATER PUMP		1	1					
16	1	26203-080702	BOLT, M8X 70 PLATED		2	2					
17	1	26203-080602	BOLT, M8X 60 PLATED		2	2					
18	1	22213-080000	WASHER, SPRING 8		4	4					
19	1	43530-500610	JOINT, PIPE 30A	1	1	1					
20	1	43662-030031	COCK ASSY, KINGSTON	1	1	1					
21	1	119773-42520	GEAR, PUMP	1	1	1					
22	1	22117-100000	WASHER, 10	2	2	2					
23	1	22217-100000	WASHER, SPRING 10	2	2	2					
24	1	22117-140000	WASHER, 14	1	1	1					
27	1	119770-01210	STUD. D10XL40	2	2	2					

Fig.28. COOLING FRESH WATER PUMP

(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119770-00730	PUMP ASSY, WATER	1	1	1					
3	2	119770-00740	GASKET	1	1	1					
4	2	119770-90630	NUT	2	2	2					
5	2	119770-90800	BOLT	5	5	5					
6	2	119770-90810	STUD	2	2	2					
8	2	119770-00750	PULLEY	1	1	1					
9	2	119770-91050	NUT	4	4	4					

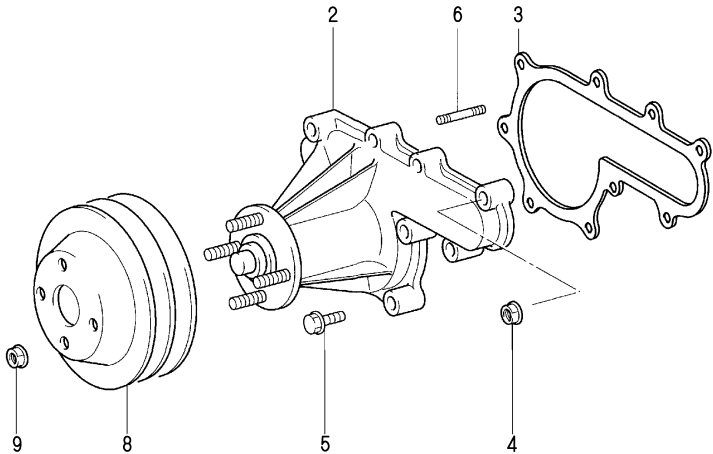
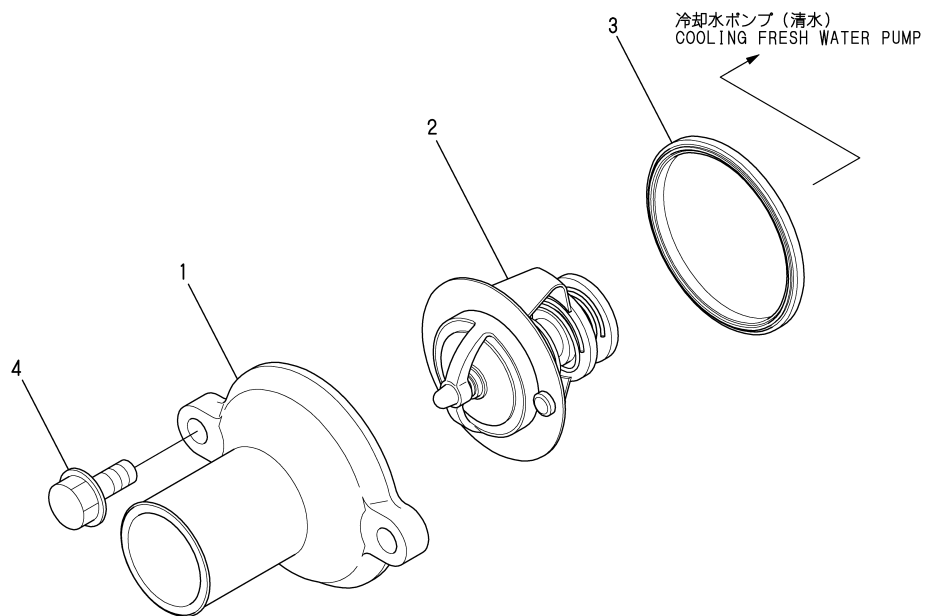
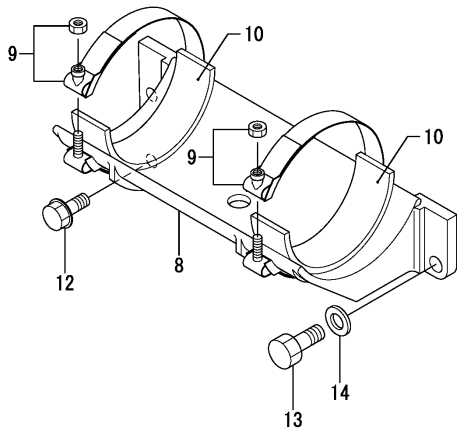


Fig.29. THERMOSTAT



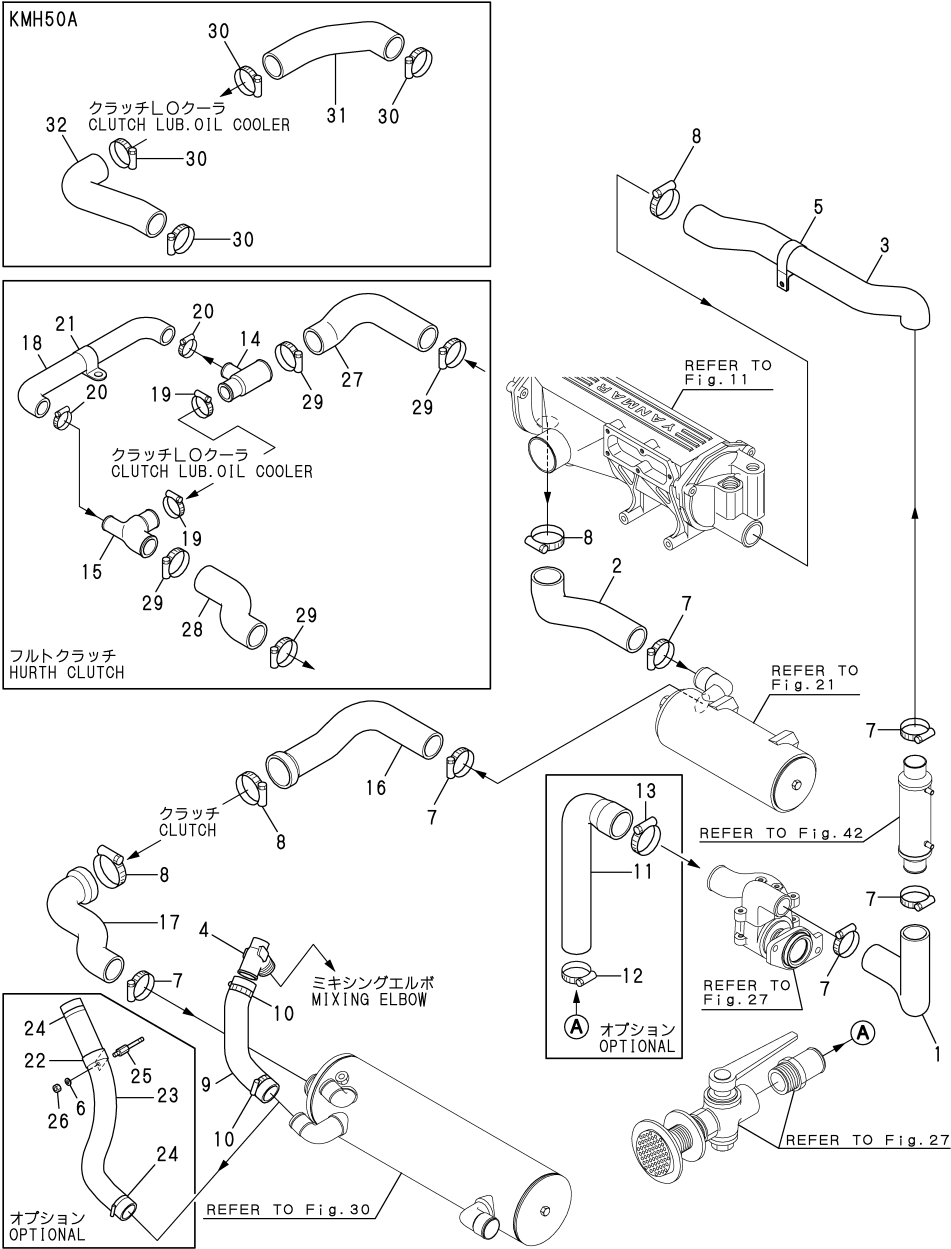
No.	Lev.	Parts No.	Description	(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3			(D)= (E)= (F)=		
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	119773-49540	COVER, THERMOSTAT	1	1	1			
2	1	119773-49550	THERMOSTAT	1	1	1			
3	1	119773-49570	GASKET	1	1	1			
4	1	26106-080202	BOLT, M8X 20 PLATED	2	2	2			

Fig.30. COOLER(FRESH WATER)



No.	Lev.	Parts No.	Description	(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-44011	COOLER ASSY, WATER	1	1	1					
2	2	119574-44150	ZINC, ANTI-CORROSIVE	2	2	2					
3	2	119773-44051	COVER ASSY	1	1	1					
4	2	119574-44180	BOLT, UNC 3/8	2	2	2					
5	2	119773-44071	GASKET	1	1	1					
6	2	119773-44080	GASKET	1	1	1					
7	2	119773-44060	COVER	1	1	1					
8	1	119773-44150	BRACKET	1	1	1					
9	1	119574-44600	CLAMP, BOLT	2	2	2					
10	1	119574-44621	SEAT, RUBBER	2	2	2					
11	1	119620-49290	COCK ASSY, 1/4	1	1	1					
12	1	26136-100252	BOLT, M10X 25 PLATED	2	2	2					
13	1	26156-120302	BOLT, M12X 30 PLATED	1	1	1					
14	1	22117-120000	WASHER, 12	1	1	1					

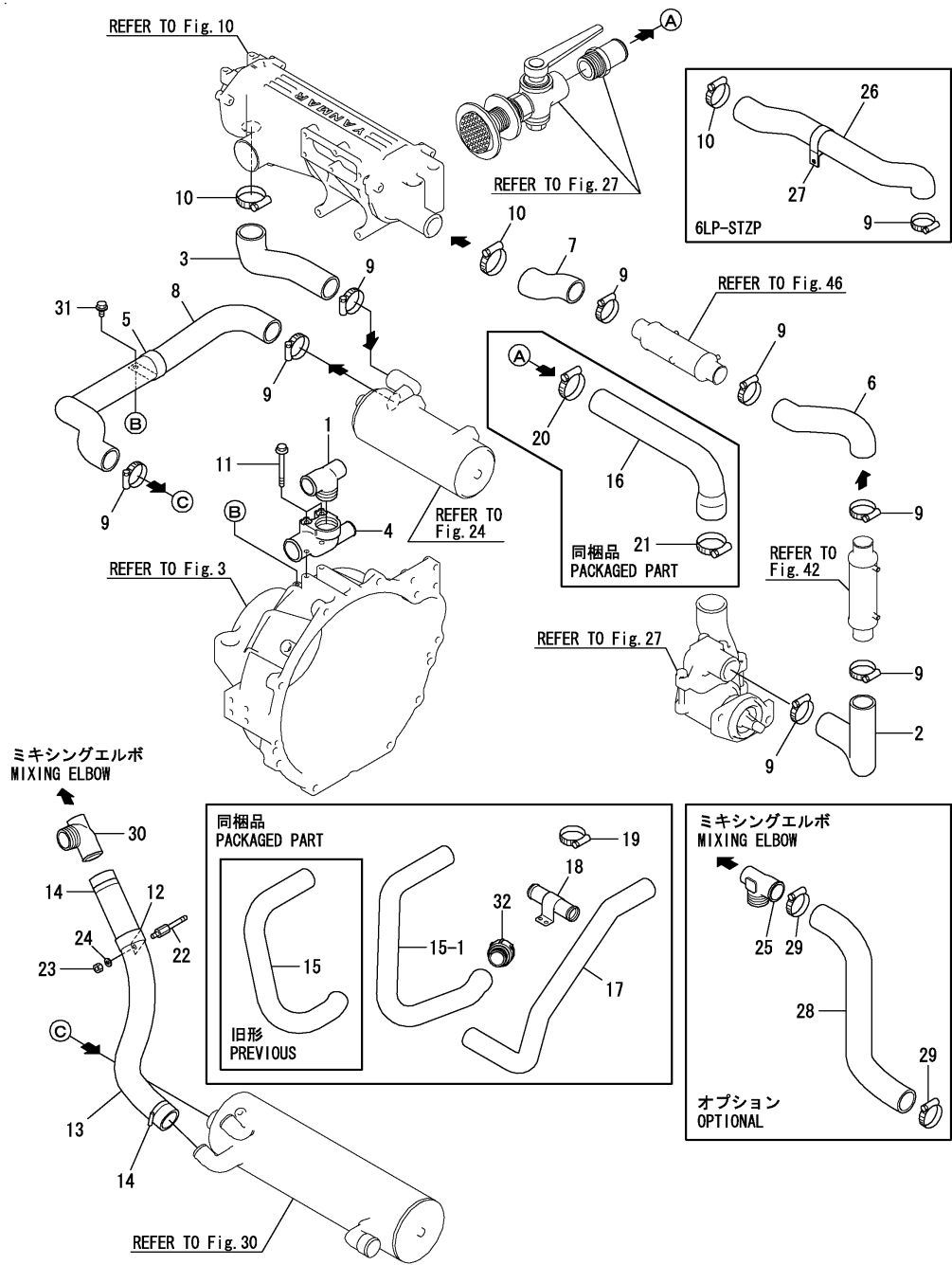
Fig.31. COOLING SEA WATER PIPE(6LPA-STP2)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119775-49010	PIPE, WATER	1							
2	1	119775-49060	HOSE, COOLER	1							
3	1	119775-49040	HOSE	1							
4	1	119775-48640	JOINT	1							
5	1	119593-49080	BAND	1							
6	1	22117-080000	WASHER, 8	1							
7	1	119172-48480	CLIP, HOSE 48	6							
8	1	119172-48540	CLIP, HOSE 54	4							
9	1	119775-49750	PIPE, WATER	1							
10	1	119172-48480	CLIP, HOSE 48	2							
11	1	119775-49160	PIPE, WATER	1							
12	1	119172-48540	CLIP, HOSE 54	1							
13	1	119172-48540	CLIP, HOSE 54	1							
14	1	119775-49360	JOINT	1							1
15	1	119775-49370	JOINT	1							1
16	1	119775-49090	HOSE	1							
17	1	119775-49080	HOSE, WATER	1							
18	1	119773-49090	PIPE, WATER	1							1
19	1	119172-48480	CLIP, HOSE 48	2							1
20	1	119172-48410	CLIP, HOSE 41	2							1
21	1	23297-350121	CLAMP, A35X12	2							
22	1	119593-49080	BAND	1							
23	1	119778-49780	PIPE, WATER	1							
24	1	119172-48540	CLIP, HOSE 54	2							
25	1	119778-49800	BOLT	1							
26	1	26716-080002	NUT, M8	1							
27	1	119775-49020	HOSE	1							1
28	1	119773-49030	HOSE, WATER	1							1
29	1	119172-48480	CLIP, HOSE 48	4							1
30	1	119172-48480	CLIP, HOSE 48	4							
31	1	119775-49170	HOSE, WATER	1							
32	1	119773-49180	HOSE, WATER	1							

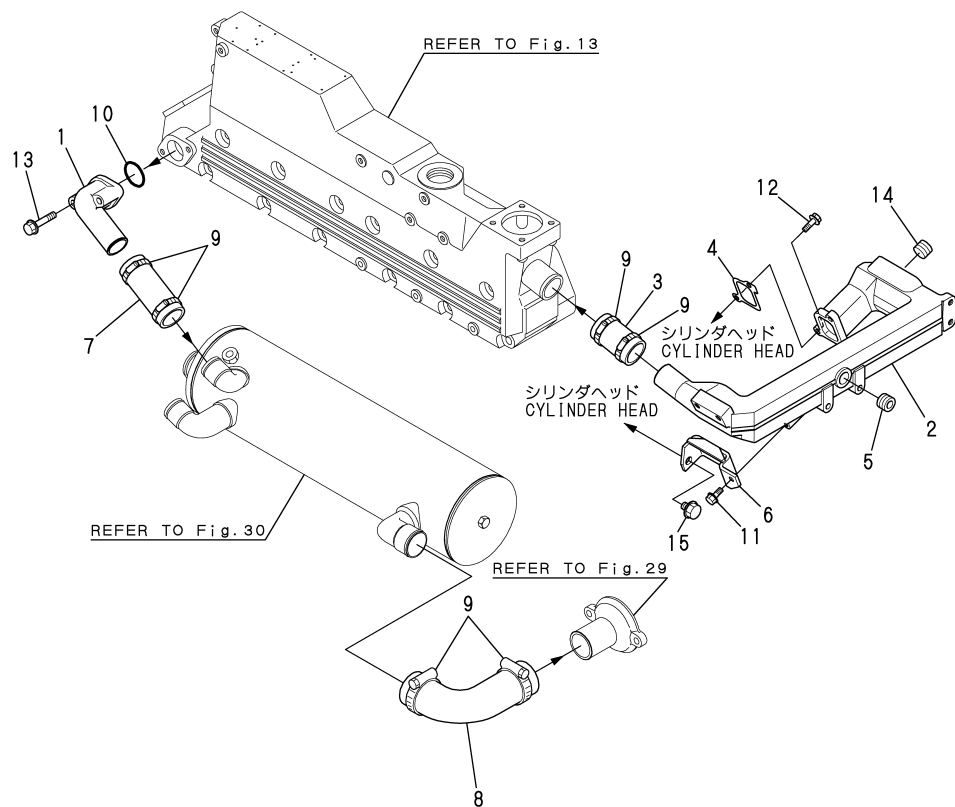
Remarks
(1)HURTH CLUTCH LUB.OIL COOLER

Fig.32. COOLING SEA WATER PIPE(6LPA-STZP2/3)



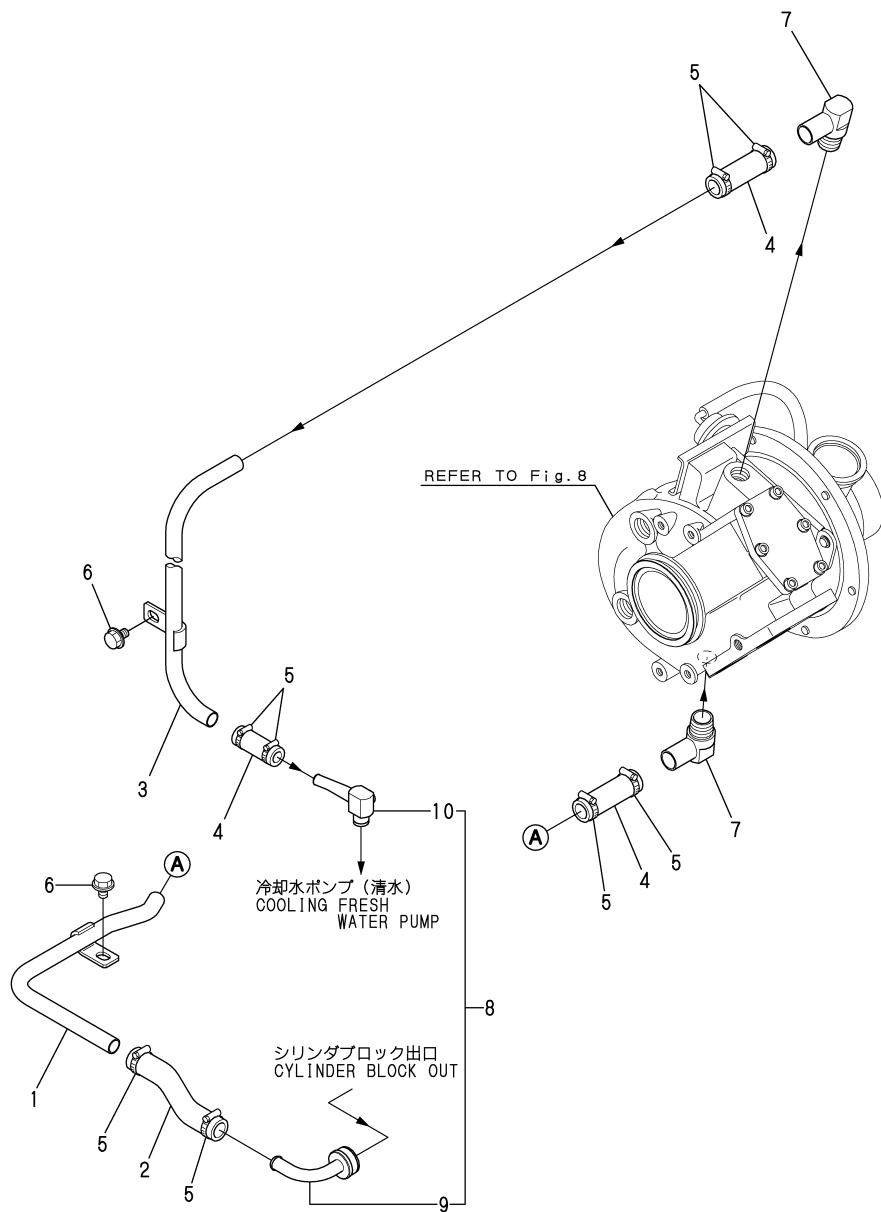
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119775-48640	JOINT		1	1					
2	1	119775-49010	PIPE, WATER		1	1					
3	1	119775-49060	HOSE, COOLER		1	1					
4	1	119779-49050	JOINT, 3-WAY		1	1					
5	1	119593-49080	BAND		1	1					
6	1	119779-49090	PIPE, WATER		1						
7	1	119779-49100	PIPE, WATER		1						
8	1	119779-49590	PIPE, WATER		1	1					
9	1	119172-48480	CLIP, HOSE 48		8	6					
10	1	119172-48540	CLIP, HOSE 54		2	2					
11	1	26106-100802	BOLT, M10X 80 PLATED		2	2					
12	1	119593-49080	BAND		1	1					
13	1	119778-49780	PIPE, WATER		1	1					
14	1	119172-48540	CLIP, HOSE 54		2	2					
15	1	119779-49150	HOSE, DRIVE		1	1					
15-1	1	119779-49160	PIPE, WATER (B=*2008.12) (C=*2008.12)		1	1					S
16	1	119775-49160	PIPE, WATER		1	1					
17	1	119779-49170	HOSE		1	1					
18	1	119778-49200	JOINT		1	1					
19	1	119172-48410	CLIP, HOSE 41		4	4					
20	1	119172-48480	CLIP, HOSE 48		1	1					
21	1	119172-48540	CLIP, HOSE 54		1	1					
22	1	119778-49800	BOLT		1	1					
23	1	26716-080002	NUT, M8		1	1					
24	1	22117-080000	WASHER, 8		1	1					
25	1	119779-48620	BEND		1	1					
26	1	119775-49040	HOSE			1					
27	1	119593-49080	BAND			1					
28	1	119779-49040	HOSE, MIXING		1	1					
29	1	119172-48480	CLIP, HOSE 48		2	2					
30	1	119775-48640	JOINT		1	1					
31	1	26106-080182	BOLT, M8X 18 PLATED (B=FROM 1ST) (C=FROM 1ST)		1	1					W
32	1	120650-42630	JOINT (B=*2008.12) (C=*2008.12)		1	1					W

Fig.33. COOLING FRESH WATER PIPE



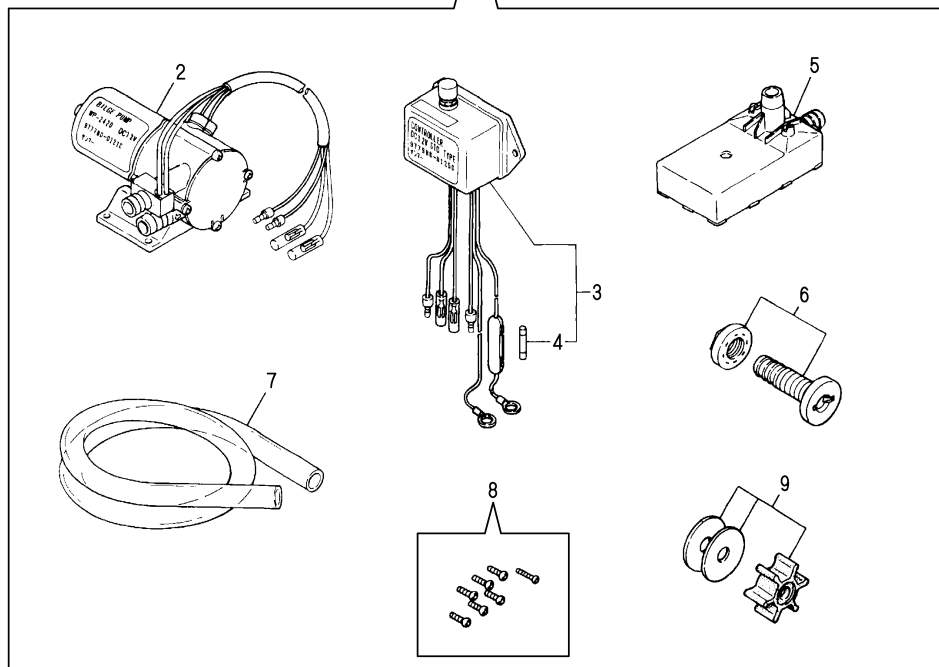
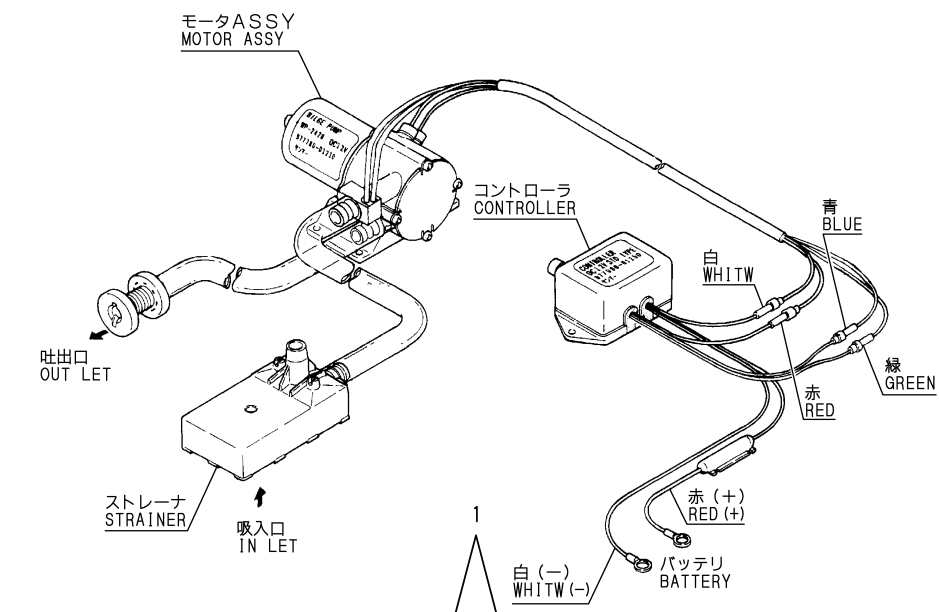
No.	Lev.	Parts No.	Description	(A)=6LPA-STP2	(B)=6LPA-STZP2	(C)=6LPA-STZP3	(D)=	(E)=	(F)=	I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-44450	JOINT	1	1	1					
2	1	119773-49110	PIPE, WATER	1	1	1					
3	1	119775-49120	JOINT, RUBBER	1	1	1					
4	1	119773-49140	GASKET	1	1	1					
5	1	23871-030000	PLUG, R03	1	1	1					
6	1	119775-49150	BRACKET	1	1	1					
7	1	119773-49200	JOINT, MANIFOLD	1	1	1					
8	1	119775-49220	JOINT	1	1	1					
9	1	119172-48480	CLIP, HOSE 48	6	6	6					
10	1	24321-000350	O-RING, 1AG35.0	1	1	1					
11	1	26106-080162	BOLT, M8X 16 PLATED	1	1	1					
12	1	26106-080202	BOLT, M8X 20 PLATED	2	2	2					
13	1	26106-080502	BOLT, M8X 50 PLATED	2	2	2					
14	1	23876-030000	PLUG, R03	1	1	1					
15	1	26136-100252	BOLT, M10X 25 PLATED	1	1	1					

Fig.34. COOLING FRESH WATER WATER PIPE(TURBINE)



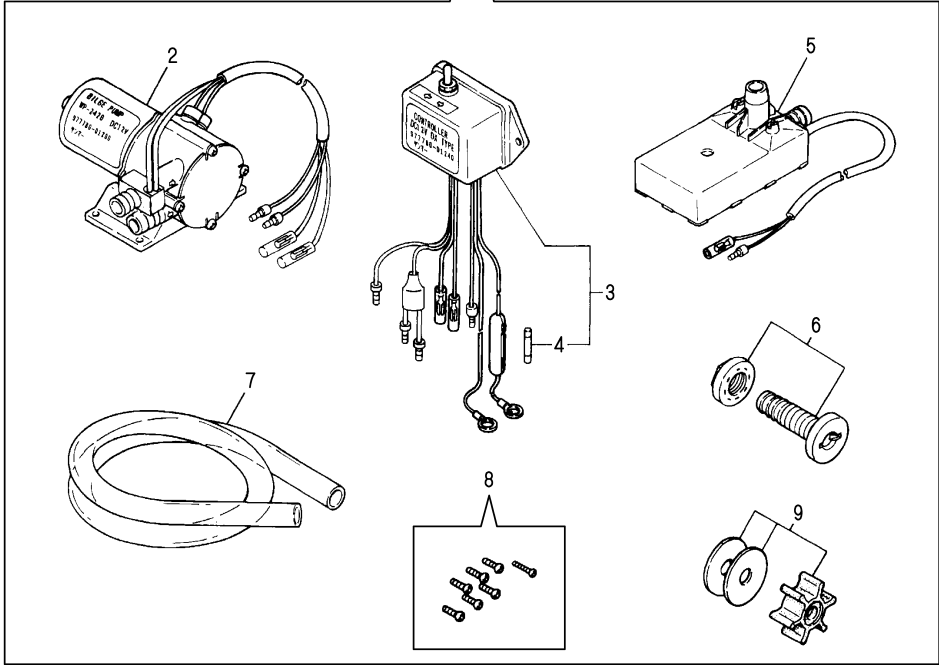
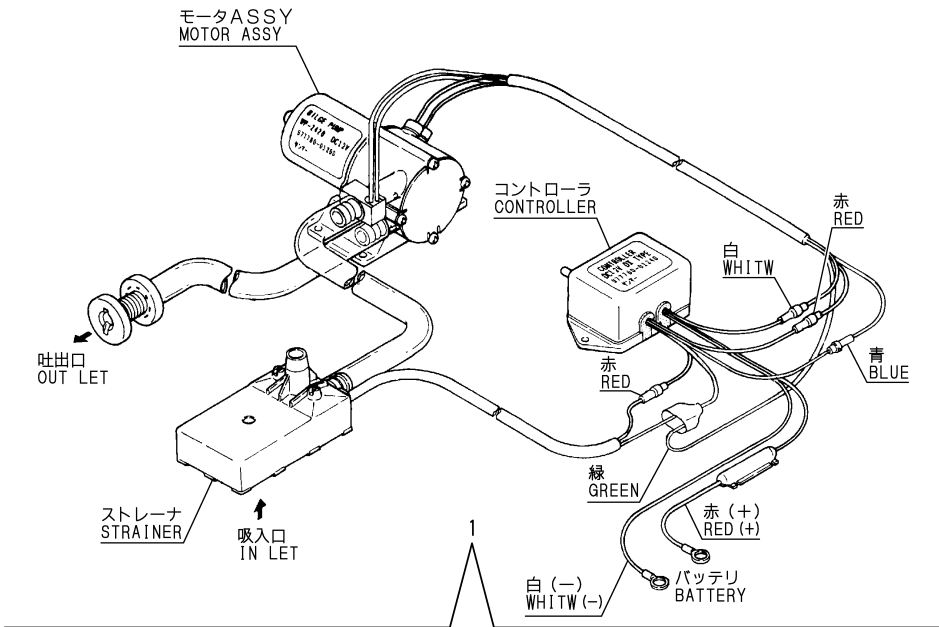
No.	Lev.	Parts No.	Description	(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-49250	PIPE, WATER	1	1	1					
2	1	119775-49260	HOSE	1	1	1					
3	1	119773-49280	HOSE ASSY, TURBINE	1	1	1					
4	1	119773-49350	JOINT	3	3	3					
5	1	119172-48250	CLIP, HOSE 25	8	8	8					
6	1	26106-080122	BOLT, M8X 12 PLATED	2	2	2					
7	1	119187-49321	JOINT	2	2	2					
8	1	119773-49990	PIPE, WATER	1	1	1					
9	2	119773-49300	JOINT	1	1	1					
10	2	119773-49320	JOINT	1	1	1					

Fig.35. BILGE PUMP(STD,OPTIONAL)



No.	Lev.	Parts No.	Description	(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3			(D)= (E)= (F)=		
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	977780-01210	PUMP(12V).BILGE	1	1	1			
2	2	977780-01230	MOTOR ASSY(BILG PUMP	1	1	1			
3	2	977780-01250	CONTROLLER	1	1	1			
4	3	X8636008003	FUSE	1	1	1			
5	2	X179100021X	STRAINER	1	1	1			
6	2	X179100100X	PIPE ASSY	1	1	1			
7	2	X0044021509	HOSE A	1	1	1			
8	2	X199903800X	SCREW KIT	1	1	1			
9	2	977780-03000	INPELLER	1	1	1			

Fig.36. BILGE PUMP(DX,OPTIONAL)



(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	977780-01200	PUMP(12V).BILGE	1	1	1					
2	2	977780-01230	MOTOR ASSY(BILG PUMP	1	1	1					
3	2	977780-01240	CONTROLLER	1	1	1					
4	3	X8636008003	FUSE	1	1	1					
5	2	X179100011X	STRAINER	1	1	1					
6	2	X179100100X	PIPE ASSY	1	1	1					
7	2	X0044021509	HOSE A	1	1	1					
8	2	X199903800X	SCREW KIT	1	1	1					
9	2	977780-03000	INPELLER	1	1	1					

(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119775-51980	PUMP ASSY, INJECTION	1	1	1					
3	2	119773-51910	WIRE ASSY	1	1	1					
4	2	119773-51920	NUT	1	1	1					
5	2	119773-51930	WASHER	4	4	4					
6	2	119773-51940	NUT, CAP	1	1	1					
7	2	119775-51950	BRACKET	1	1	1					
8	2	119773-51960	BOLT	4	4	4					
9	2	119773-51970	KEY	1	1	1					
10	2	119773-51980	SOLENOID	1	1	1					
11	1	119773-51810	BRACKET	1	1	1					
12	1	26106-120202	BOLT, M12X 20 PLATED	2	2	2					
13	1	26106-120252	BOLT, M12X 25 PLATED	2	2	2					
14	1	26716-120002	NUT, M12	2	2	2					
16	1	119770-90890	NUT	2	2	2					
17	1	119770-90900	O-RING	1	1	1					
18	1	22117-120000	WASHER, 12	2	2	2					

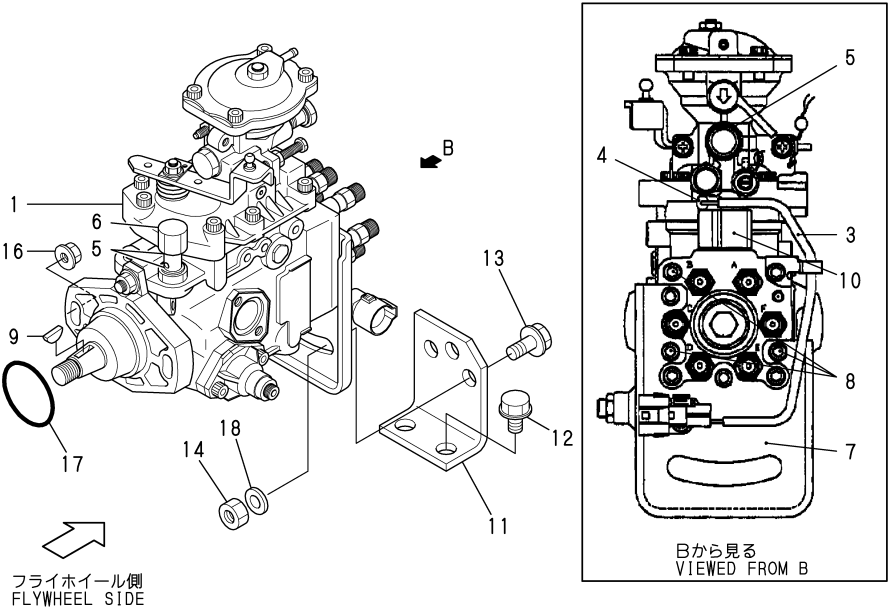
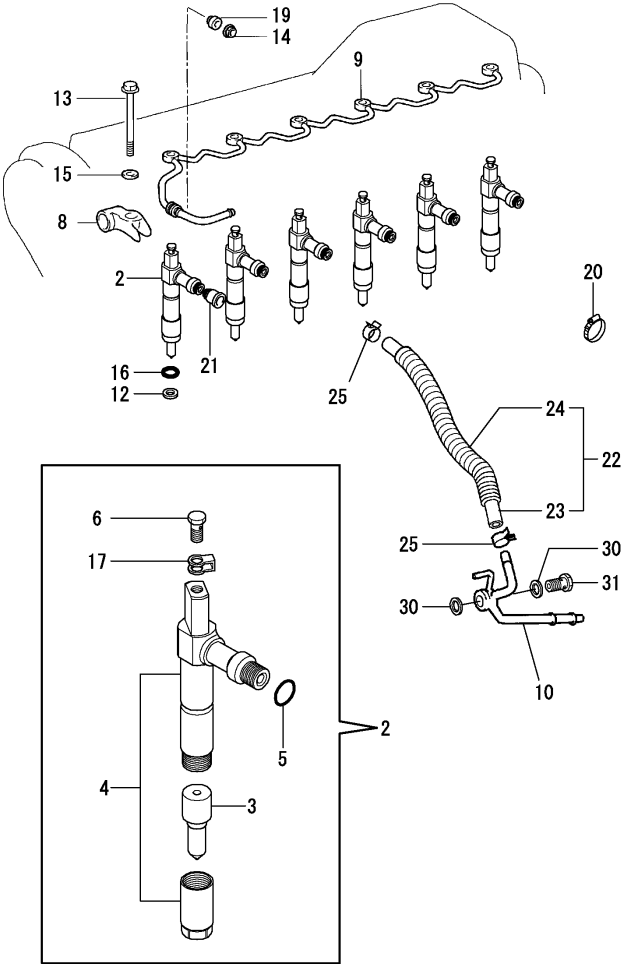


Fig.38. FUEL INJECTION VALVE

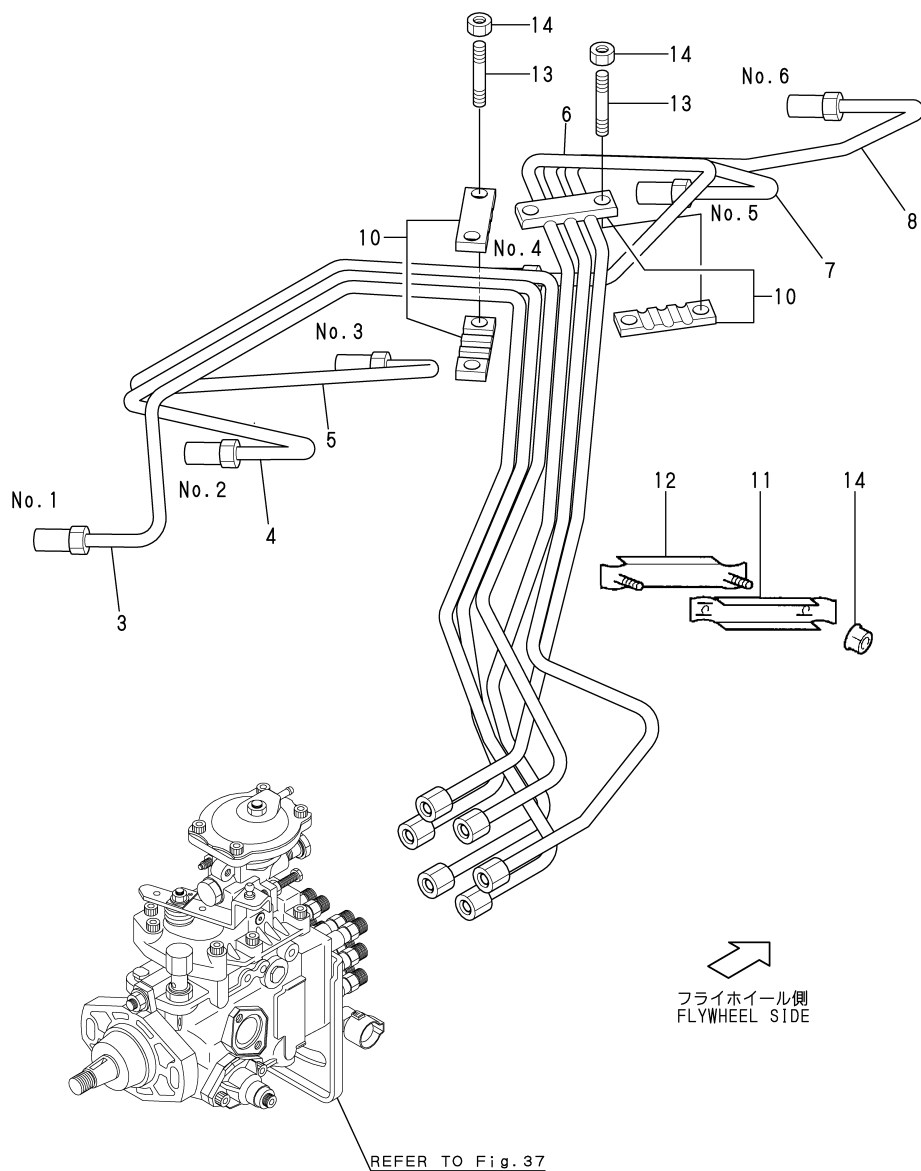


(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119775-53180	VALVE ASSY,INJECTION	6	6	6					
2-1	2	119775-53181	VALVE ASSY,INJECTION	6	6	6					N
(A=*2007.04) (B=*2007.04) (C=*2007.04)											
3	3	119775-53280	NOZZLE ASSY	6	6	6					
4	3	119775-53290	HOLDER ASSY, NOZZLE	6	6	6					
4-1	3	119775-53291	HOLDER ASSY, NOZZLE	6	6	6					S
(A=*2007.04) (B=*2007.04) (C=*2007.04)											
5	3	X0932490090	O-RING	6	6	6					
6	3	119775-53920	SCREW	6	6	6					
8	2	119771-00351	CLAMP	6	6	6					
9	2	119771-00360	PIPE	1	1	1					
10	2	119771-00370	PIPE, NOZZLE LEAKAGE	1	1	1					
12	2	119770-00781	SEAT, VALVE	6	6	6					
13	2	119771-90290	BOLT	6	6	6					
14	2	119771-90300	NUT	1	1	1					
15	2	119771-90310	WASHER	6	6	6					
16	2	119771-90320	O-RING	6	6	6					
17	2	119771-90330	GASKET	6	6	6					
19	2	119770-90670	GASKET	1	1	1					
20	2	119770-90930	CLIP	4	4	4					
21	2	119771-00340	SEAL	6	6	6					
22	1	119775-59540	PIPE ASSY, RETURN	1	1	1					
23	2	119775-59551	PIPE	1	1	1					
24	2	119775-59560	TUBE, CORRUGATED	1	1	1					
25	1	119172-48130	CLIP, HOSE 13	2	2	2					
30	1	119773-51930	WASHER	2	2	2					
31	1	X0960200180	SCREW	1	1	1					

Fig.39. FUEL INJECTION PIPE

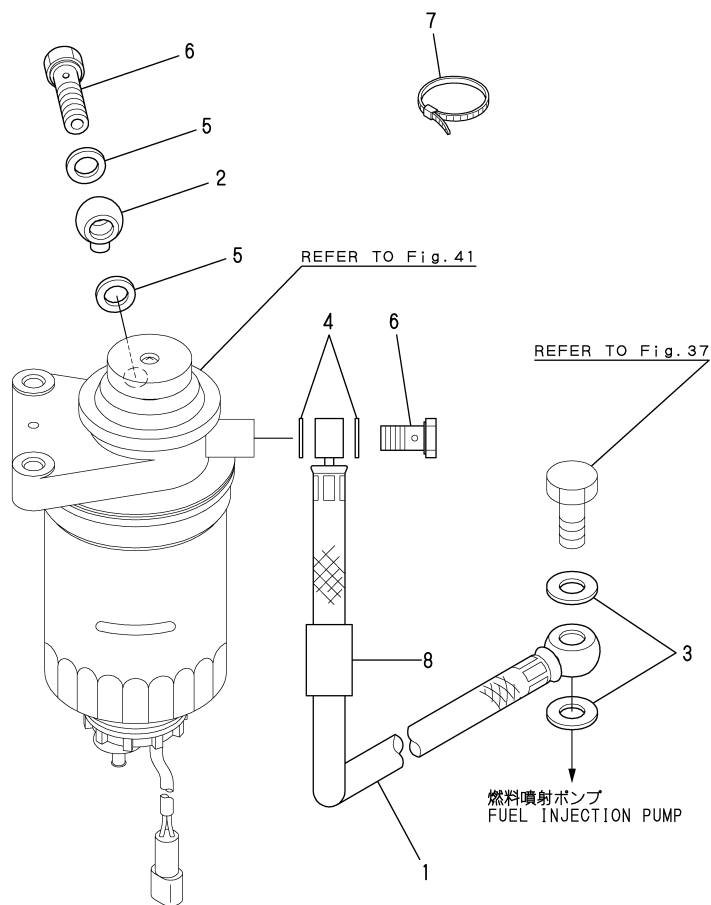


(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

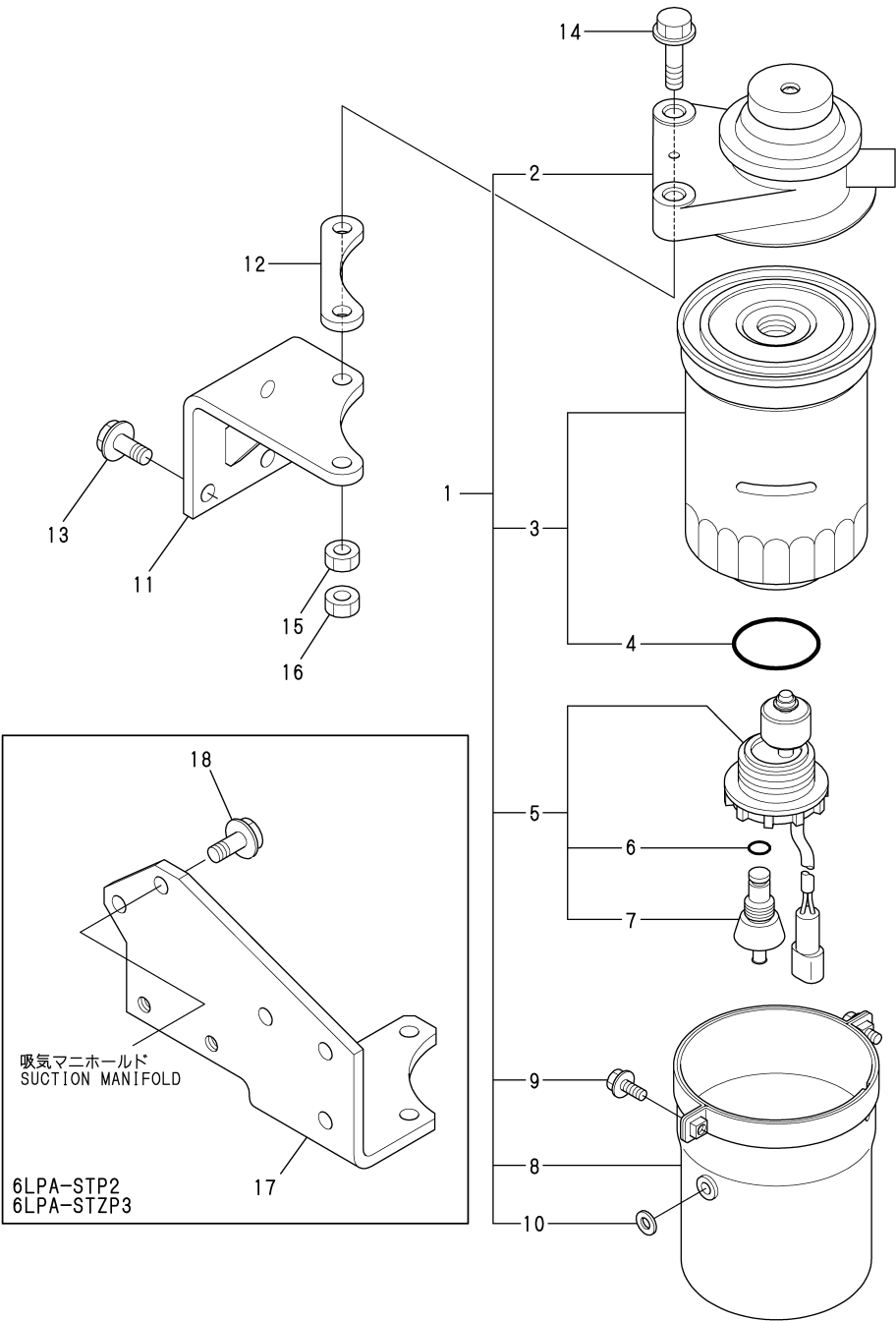
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	2	119775-59803	PIPE ASSY, INJECTION	1	1	1					
3-1	2	119775-59310	PIPE ASSY, INJECTION	1	1	1					N
		(A=*2007.02)	(B=*2007.02)	(C=*2007.02)							
4	2	119775-59813	PIPE ASSY, INJECTION	1	1	1					
4-1	2	119775-59320	PIPE ASSY, INJECTION	1	1	1					N
		(A=*2007.02)	(B=*2007.02)	(C=*2007.02)							
5	2	119775-59823	PIPE ASSY, INJECTION	1	1	1					
5-1	2	119775-59330	PIPE ASSY, INJECTION	1	1	1					N
		(A=*2007.02)	(B=*2007.02)	(C=*2007.02)							
6	2	119775-59833	PIPE ASSY, INJECTION	1	1	1					
6-1	2	119775-59340	PIPE ASSY, INJECTION	1	1	1					N
		(A=*2007.02)	(B=*2007.02)	(C=*2007.02)							
7	2	119775-59843	PIPE ASSY, INJECTION	1	1	1					
7-1	2	119775-59350	PIPE ASSY, INJECTION	1	1	1					N
		(A=*2007.02)	(B=*2007.02)	(C=*2007.02)							
8	2	119775-59853	PIPE ASSY, INJECTION	1	1	1					
8-1	2	119775-59360	PIPE ASSY, INJECTION	1	1	1					N
		(A=*2007.02)	(B=*2007.02)	(C=*2007.02)							
10	2	119771-00390	CLAMP	2	2	2					
11	2	119770-00910	CLAMP	1	1	1					
12	2	119770-00920	CLAMP	1	1	1					
13	2	119771-90340	STUD	4	4	4					
14	2	119770-90960	NUT	6	6	6					

Fig.40. FUEL PIPE



No.	Lev.	Parts No.	Description	(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-59101	PIPE ASSY, FUEL	1	1	1					
2	1	121855-59880	JOINT, PIPE	1	1	1					
3	1	22190-120002	WASHER, SEAL 12	2	2	2					
4	1	22190-140002	WASHER, SEAL 14	2	2	2					
5	1	22190-140002	WASHER, SEAL 14	2	2	2					
6	1	23857-080000	BOLT, JOINT 8	2	2	2					
7	1	121750-59890	BAND, 140	1	1	1					
8	1	119778-26670	COVER	1	1	1					

Fig.41. FUEL STRAINER

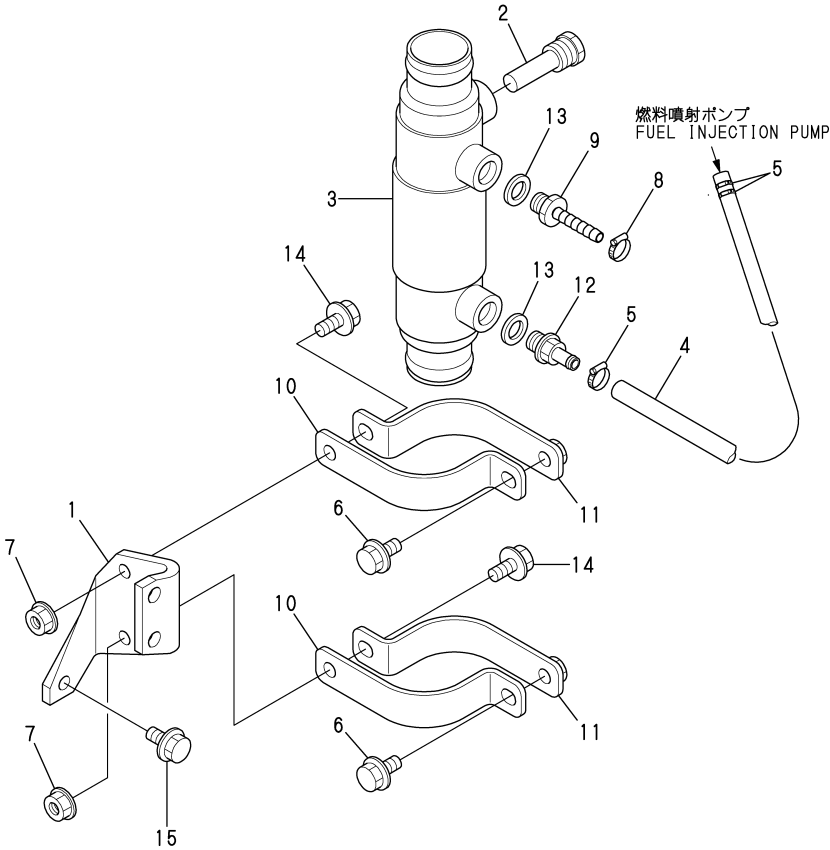


(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-55700	FILTER ASSY, FUEL	1	1	1					
2	2	X0861001400	CAP ASSY, FILTER	1	1	1					
3	2	119773-55710	STRAINER, FUEL	1	1	1					
4	3	X9080240360	O-RING	1	1	1					
5	2	X0719005370	SWITCH ASSY	1	1	1					
6	3	X9080210070	O-RING	1	1	1					
7	3	X0719240010	BOLT, DRAIN	1	1	1					
8	2	X0862202820	COVER, FILTER	1	1	1					
9	2	X9147005121	BOLT	2	2	2					
10	2	X0860620180	WASHER	1	1	1					
11	1	119775-55600	BRACKET	1		1					
12	1	119773-55620	SEAT, RUBBER	1	1	1					
13	1	26106-080182	BOLT, M8X 18 PLATED	3		3					
14	1	26106-080402	BOLT, M8X 40 PLATED	2	2	2					
15	1	26716-080002	NUT, M8	2	2	2					
16	1	26756-080002	NUT, LOCK M8	2	2	2					
17	1	119778-26511	BRACKET		1						
18	1	26106-080182	BOLT, M8X 18 PLATED		5						

Fig.42. FUEL COOLER

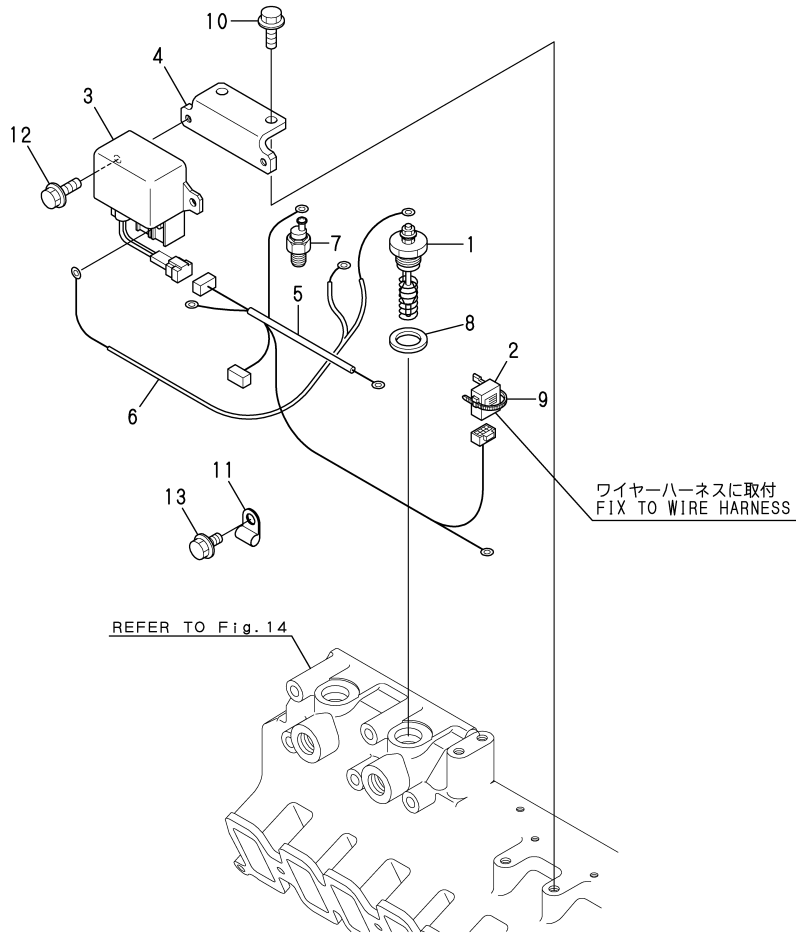


(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-55830	BRACKET	1	1	1					
2	1	119574-44150	ZINC, ANTI-CORROSIVE	1	1	1					
3	1	119773-55760	BODY, COOLER	1	1	1					
4	1	119773-59123	PIPE, FUEL RETURN	1	1	1					
5	1	23000-019000	CLAMP, 19	3	3	3					
6	1	26106-080162	BOLT, M8X 16 PLATED	2	2	2					
7	1	26306-080002	NUT, M8	2	2	2					
8	1	119770-90930	CLIP	1	1	1					
9	1	119773-55770	JOINT	1	1	1					
10	1	119773-55870	BAND, COOLER	2	2	2					
11	1	119773-55890	BAND, COOLER	2	2	2					
12	1	121250-49110	JOINT, PIPE	1	1	1					
13	1	22190-140002	WASHER, SEAL 14	2	2	2					
14	1	26106-080202	BOLT, M8X 20 PLATED	2	2	2					
15	1	26106-080302	BOLT, M8X 30 PLATED	1	1	1					

Fig.43. GLOW PLUG



(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

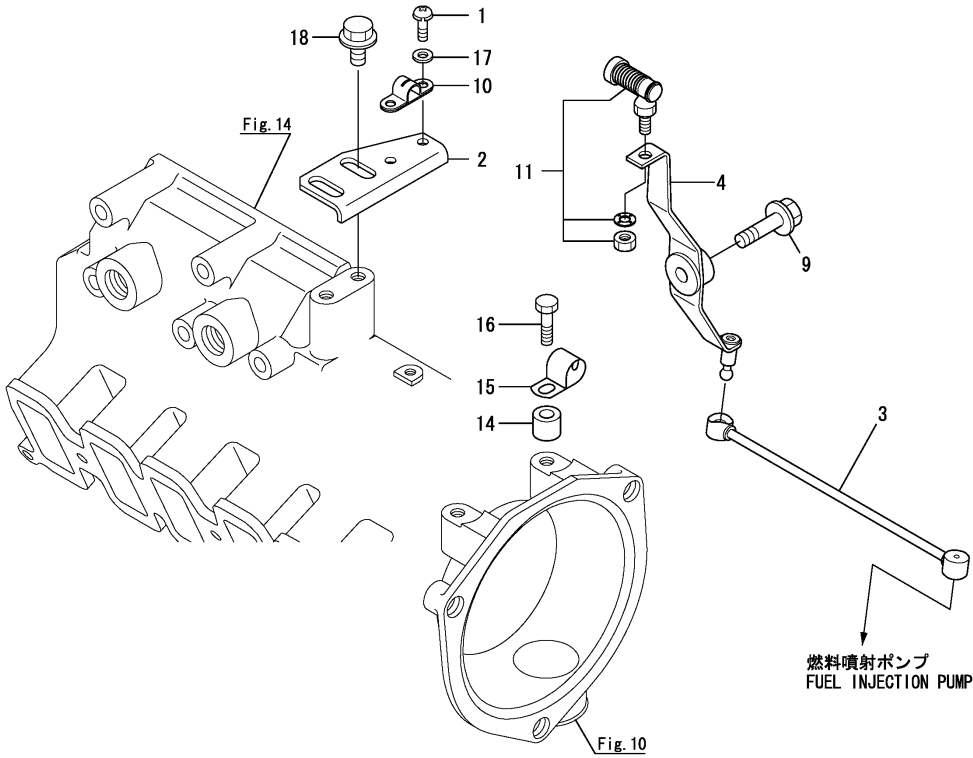
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119575-77050	PLUG	2	2	2					
2	1	119775-77070	CONTROLLER	1	1	1					
3	1	119578-77140	RELAY, 12V-130A	1	1	1					
4	1	119775-77640	BRACKET, RELAY	1	1	1					
5	1	119775-77850	HARNESS, WIRE	1	1	1					
6	1	119775-77860	HARNESS, WIRE	1	1	1					
7	1	124616-91370	SWITCH, 42	1	1	1					
8	1	23414-200000	GASKET, 20X1.0	2	2	2					
9	1	29622-250001	BAND, RF250	2	2	2					
10	1	26106-080202	BOLT, M8X 20 PLATED	2	2	2					
11	1	119593-39450	RETAINER	2	2	2					
12	1	26106-060162	BOLT, M6X 16 PLATED	2	2	2					
13	1	26106-080162	BOLT, M8X 16 PLATED	2	2	2					

Fig.44. BRACKET(CABLE)

(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26022-050162	SCREW, M5X16	2	2	2					
2	1	119773-67101	BRACKET, CABLE	1	1	1					
3	1	119773-67150	ROD, CONTROL	1	1	1					
4	1	119773-67220	LEVER ASSY, CONTROL	1	1	1					
9	1	26106-080302	BOLT, M8X 30 PLATED	1	1	1					
10	1	41710-000410	CLAMP	1	1	1					
11	1	41710-001300	JOINT, BALL M5	1	1	1					
12	1	128170-86501	REMOCON HEAD (MN	1	1	1					
13	1	41730-000681	CONTROL, MT-3	1	1	1					
14	1	127688-77340	SPACER, ALTERNATOR	1	1	1					
15	1	160870-78700	CLAMP	1	1	1					
16	1	26106-080302	BOLT, M8X 30 PLATED	1	1	1					
17	1	22217-050000	WASHER, SPRING 5	2	2	2					
18	1	26106-080162	BOLT, M8X 16 PLATED	2	2	2					W
(A)=E/#2977) (B)=E/#2965) (C)=*2012.06.)											

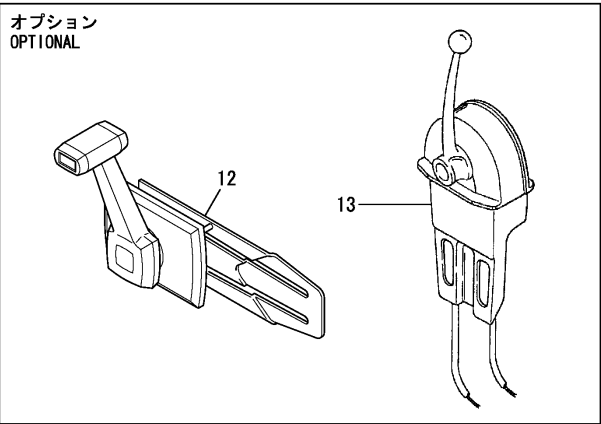
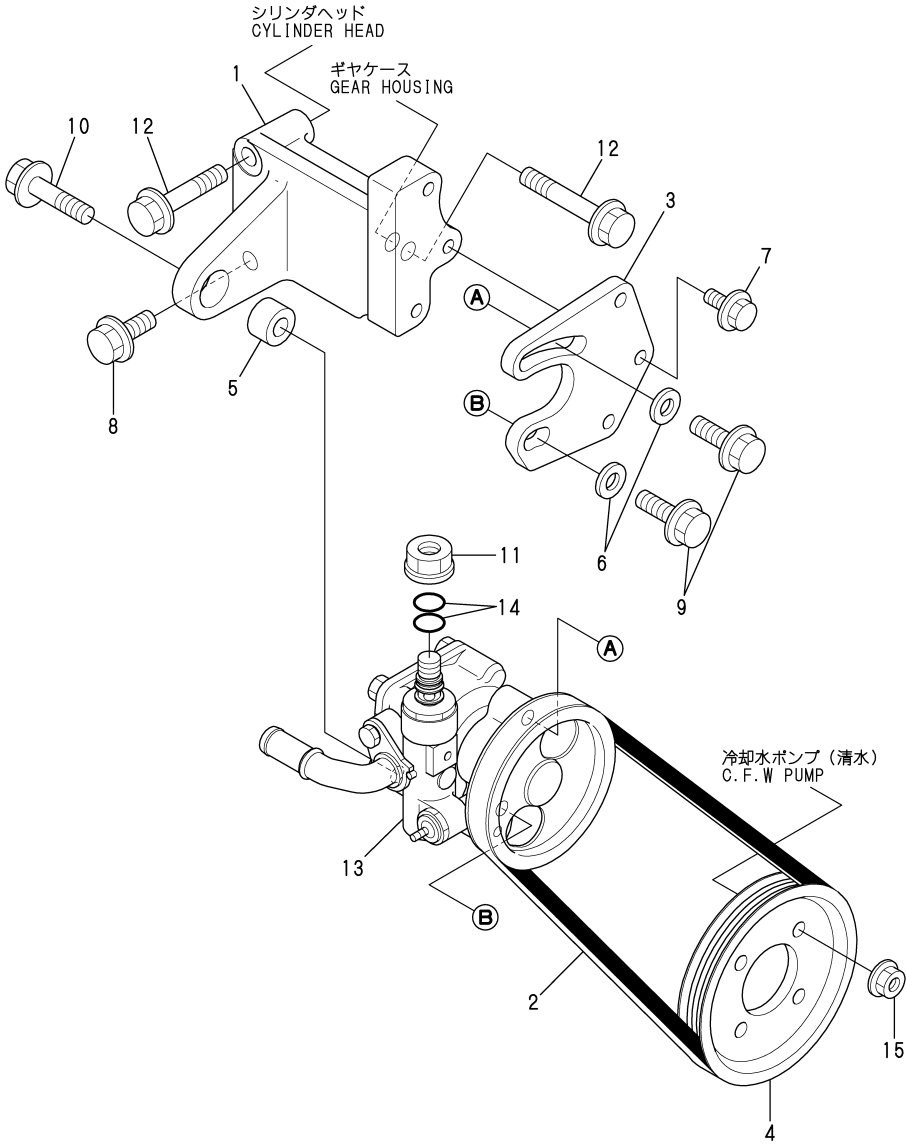
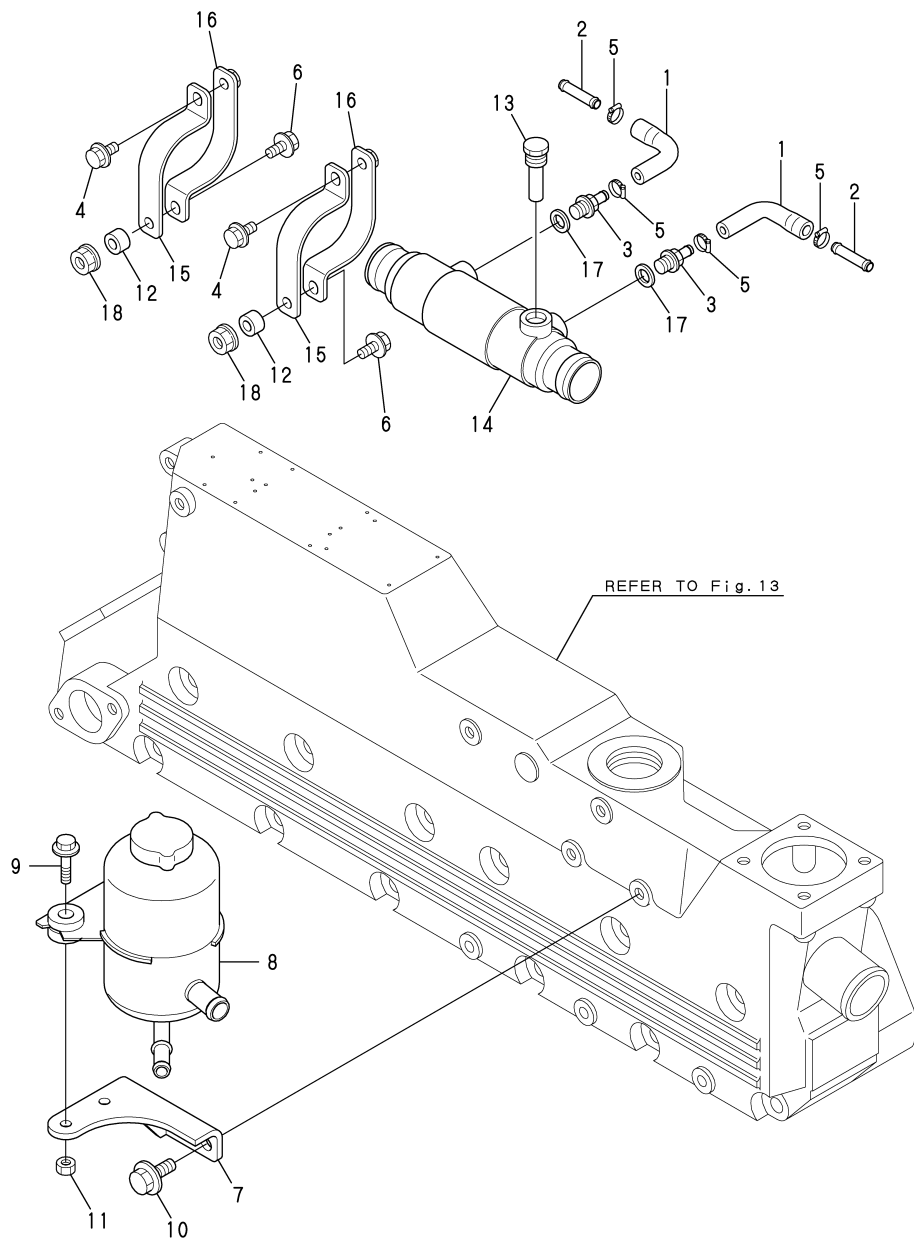


Fig.45. POWER STEERING PUMP



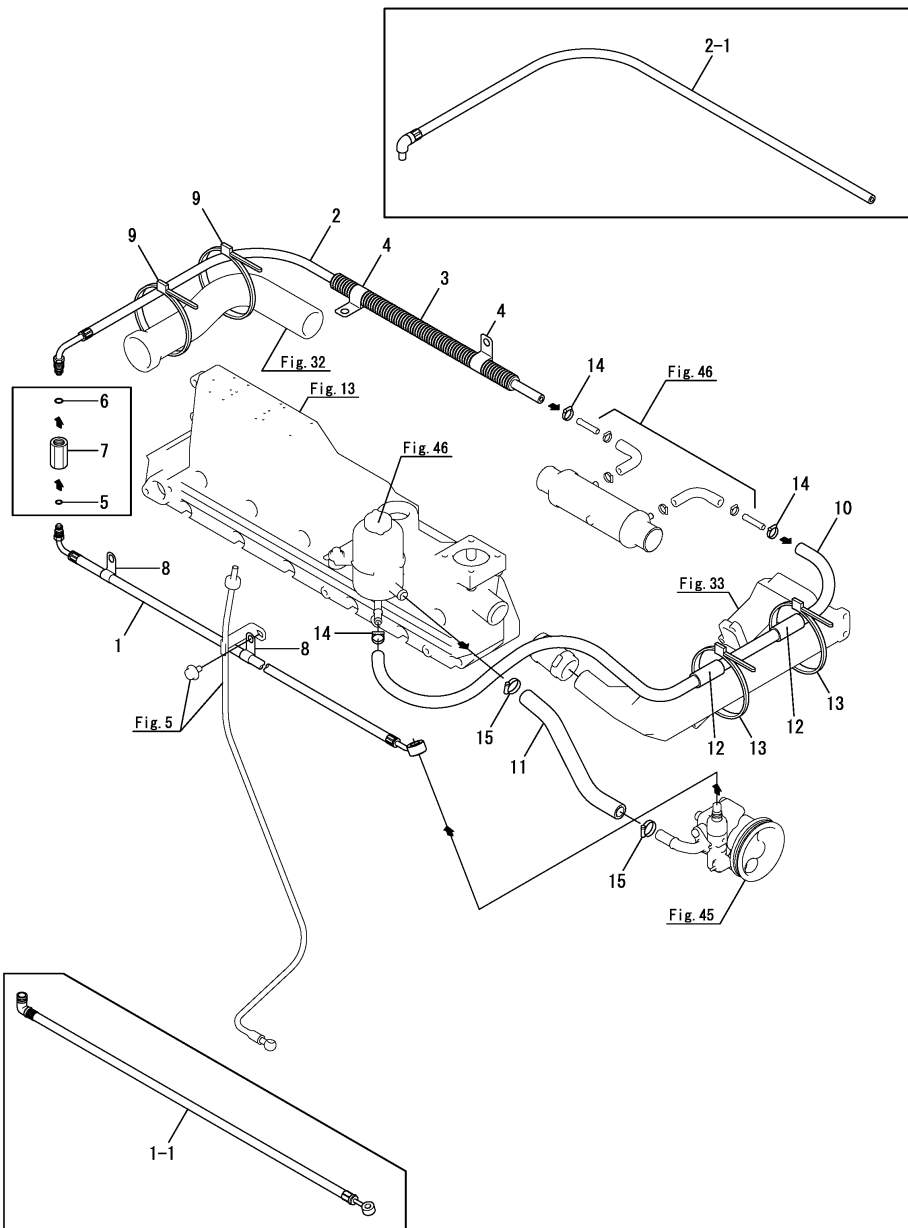
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119778-26500	BRACKET		1						
2	1	119787-26540	V-BELT, 4PK665		1						
3	1	119779-26551	ADJUSTER, BELT		1						
4	1	119779-49300	V-PULLEY		1						
5	1	119773-77340	COLLAR		1						
6	1	22137-100000	WASHER, 10		2						
7	1	26106-080182	BOLT, M8X 18 PLATED		3						
8	1	26136-100252	BOLT, M10X 25 PLATED		1						
9	1	26136-100252	BOLT, M10X 25 PLATED		2						
10	1	26136-100302	BOLT, M10X 30 PLATED		1						
11	1	26376-120002	NUT, M12		1						
12	1	26136-100602	BOLT, M10X 60 PLATED		2						
13	1	119787-26100	PUMP, STEERING		1						
14	1	24351-010110	O-RING, 1A1011		2						
15	1	26306-080002	NUT, M8		4						

Fig.46. POWER STEERING COOLER & TANK



No.	Lev.	Parts No.	Description	(A)=6LPA-STP2	(D)=	I	R
				(B)=6LPA-STZP2	(E)=		
				(C)=6LPA-STZP3	(F)=		
				(A)	(B)	Q'ty	
				(C)	(D)	(E)	(F)
1	1	119778-26620	TUBE, CORRUGATED		2		
2	1	119778-26750	JOINT		2		
3	1	121250-49110	JOINT, PIPE		2		
4	1	26106-080162	BOLT, M8X 16 PLATED		2		
5	1	119172-48190	CLIP, HOSE 19		4		
6	1	26106-080202	BOLT, M8X 20 PLATED		2		
7	1	119787-26520	BRACKET		1		
8	1	196346-34860	TANK, OIL		1		
9	1	26106-060252	BOLT, M6X 25 PLATED		2		
10	1	26106-080252	BOLT, M8X 25 PLATED		2		
11	1	26716-060002	NUT, M6		2		
12	1	127610-03150	SPACER		2		
13	1	119574-44150	ZINC, ANTI-CORROSIVE		1		
14	1	119773-55760	BODY, COOLER		1		
15	1	119773-55870	BAND, COOLER		2		
16	1	119773-55890	BAND, COOLER		2		
17	1	23414-140018	GASKET, 14X1.0		2		
18	1	26306-080002	NUT, M8		2		

Fig.47. ATF PIPE



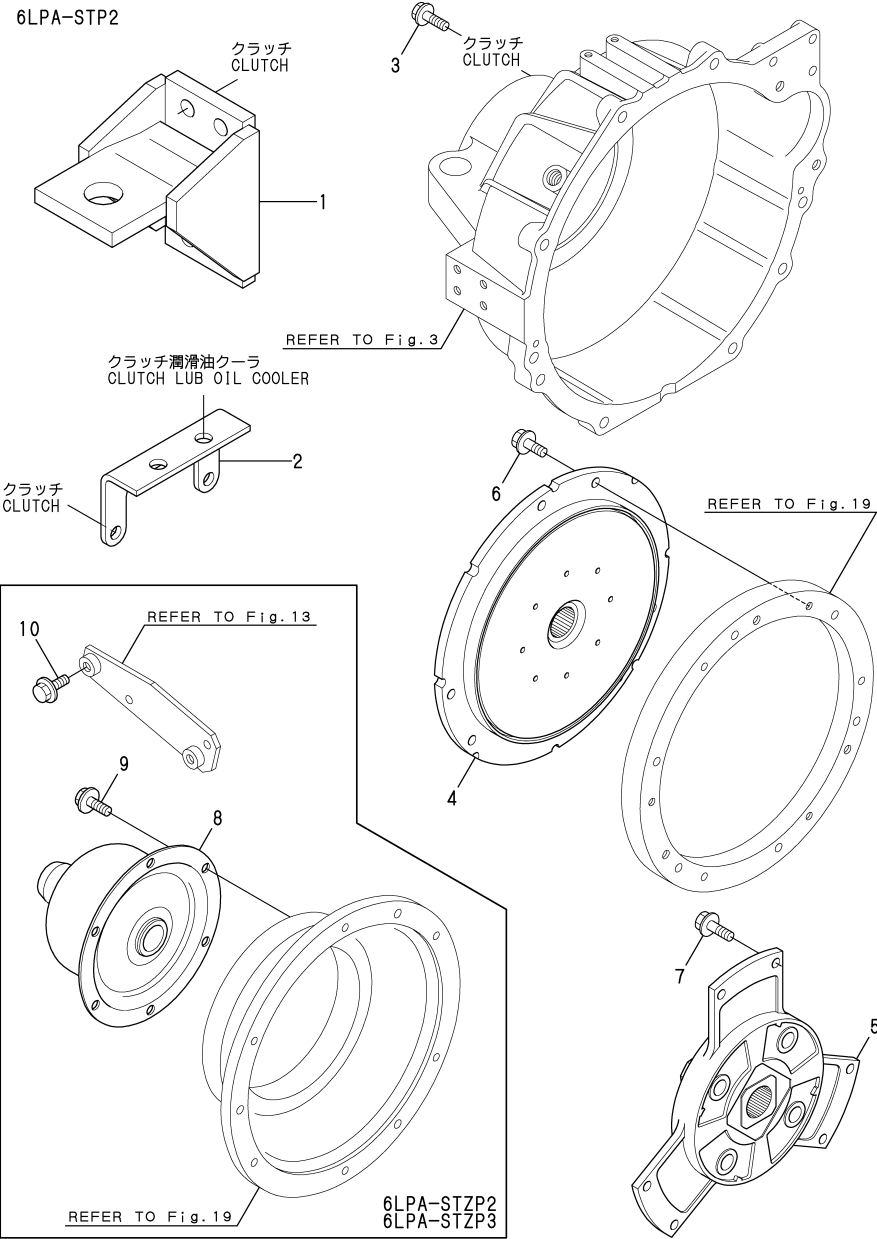
Remarks
(1)It changes into Quick connector
from Thread type connector.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119778-26400	PIPE		1						
1-1	1	119778-26401	PIPE, AIR (B=E00036)		1					S	1
2	1	119778-26410	PIPE, AIR		1						
2-1	1	119778-26411	PIPE, AIR (B=E00036)		1					S	1
3	1	119778-26650	TUBE, CORRUGATED (B=E02187)		1					Z	
4	1	119778-26660	RETAINER		2						
5	1	119778-26700	O-RING (B=E00036)		1					Z	
6	1	119778-26710	O-RING (B=E00036)		1					Z	
7	1	119778-26800	JOINT (B=E00036)		1					Z	
8	1	119593-39450	RETAINER		2						
9	1	194250-51660	BAND, NYLON		2						
9-1	1	29622-250001	BAND, RF250 (B=E02187)		2						R
10	1	119787-26550	TUBE, CORRUGATED		1						
11	1	119787-26561	TUBE, CORRUGATED		1						
12	1	119778-26670	COVER		2						
13	1	194250-51660	BAND, NYLON		2						
14	1	119172-48190	CLIP, HOSE 19		3						
15	1	119172-48250	CLIP, HOSE 25		2						

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

Fig.48. CLUTCH & DRIVE ATTACHMENT

6LPA-STP2



(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

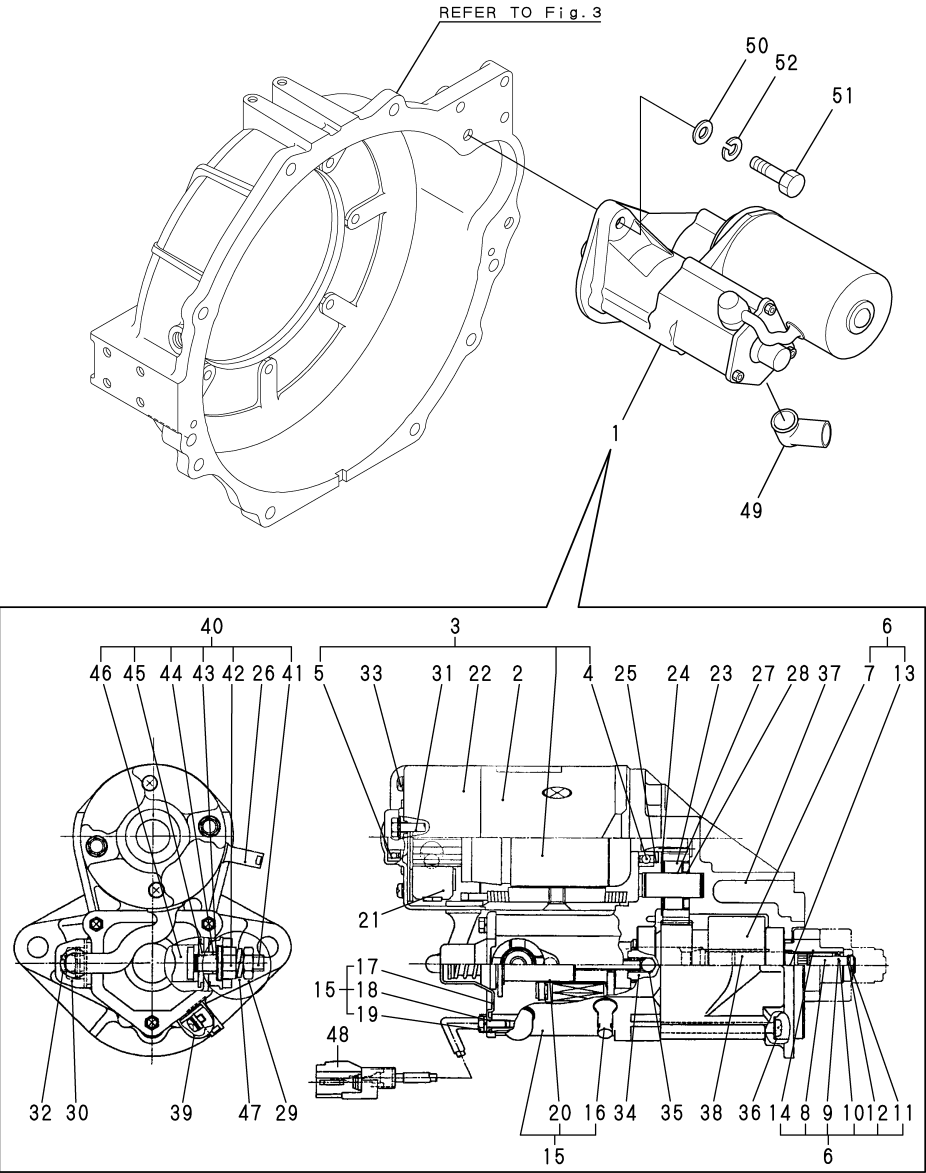
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-08250	FOOT, MOUNTING	2							
2	1	119773-85550	BRACKET	1							
3	1	26106-100302	BOLT, M10X 30 PLATED	6							
4	1	119773-85520	DAMPER	1							
5	1	119773-85500	DAMPER	1							
6	1	26106-100302	BOLT, M10X 30 PLATED	6							
7	1	26106-100252	BOLT, M10X 25 PLATED	6							
8	1	119778-85500	COUPLING ASSY		1	1					
9	1	26106-100202	BOLT, M10X 20 PLATED		6	6					
10	1	26106-100182	BOLT, M10X 18 PLATED		2	2					
10-1	1	26106-080182	BOLT, M8X 18 PLATED		2	2				S	
			(B=*2008.12) (C=*2008.12)								
11	1	177523-80110	CLUTCH ASSY, 2.43	1							1
12	1	177523-80120	CLUTCH ASSY, 2.13	1							1
13	1	177523-80130	CLUTCH ASSY, 1.97	1							1

Remarks
(1)NOT ILLUSTRATED.

(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-77010	MOTOR, STARTING	1	1	1					
2	2	X0281003001	YOKE	1	1	1					
3	2	X0282001780	ARMATURE	1	1	1					
4	3	X9491001930	BEARING	1	1	1					
5	3	X9491001750	BEARING	1	1	1					
6	2	X1280995160	STARTER KIT	1	1	1					
7	3	X0283005381	CLUTCH ASSY	1	1	1					
8	3	X9491704030	SPRING	1	1	1					
9	3	X9490721130	RING	1	1	1					
10	3	X0283270160	RETAINER	1	1	1					
11	3	X0280210250	NUT	1	1	1					
12	3	X9490721120	RING	1	1	1					
13	3	X0283810071	SHAFT	1	1	1					
14	3	X0283716640	PINION, STARTER	1	1	1					
15	2	X1534002321	SWITCH ASSY	1	1	1					
16	3	X0280650250	BUSH	1	1	1					
17	3	X0535050290	COVER	1	1	1					
18	3	X0534040240	PACKING	1	1	1					
19	3	X9490474440	BOLT	1	1	1					
20	3	X0536600443	PLUNGER	1	1	1					
21	2	X0285100500	HOLDER	1	1	1					
22	2	X0285017860	FRAME	1	1	1					
23	2	X0283711500	PINION	1	1	1					
24	2	X0283270171	RETAINER	1	1	1					
25	2	X9490200600	WASHER	1	1	1					
26	2	X0280625790	COVER	1	1	1					
27	2	X0283060070	ROLLER	5	5	5					
28	2	X0280630030	RETAINER	1	1	1					
29	2	X9017010061	NUT	1	1	1					
30	2	X9490564480	NUT	1	1	1					
31	2	X9490423741	BOLT, THROUGH	2	2	2					
32	2	X9490441912	BOLT	1	1	1					
33	2	X9490076530	SCREW	2	2	2					
34	2	X9491704070	SPRING	1	1	1					
35	2	X9491200240	BALL	1	1	1					
36	2	X9490065080	SCREW	3	3	3					
37	2	X1284018620	HOUSING, STARTER	1	1	1					
38	2	X9491704040	SPRING	1	1	1					
39	2	X9490076850	SCREW	3	3	3					
40	2	X1280995610	STARTER KIT	1	1	1					
41	3	X0535117630	BOLT	1	1	1					
42	3	X9490505650	NUT	1	1	1					
43	3	X9490119320	WASHER	1	1	1					
44	3	X0534497181	BUSH	1	1	1					
45	3	X0534497510	BUSH	1	1	1					
46	3	X0535137770	PLATE	1	1	1					
47	2	X9025810001	WASHER, SPRING	1	1	1					
48	2	X0536807770	WIRE ASSY	1	1	1					
49	1	119773-77030	COVER	1	1	1					
50	1	22117-120000	WASHER, 12	2	2	2					
51	1	26116-120452	BOLT, M12X 45 PLATED	2	2	2					

(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
52	1	22217-120000	WASHER, SPRING 12	2	2	2					

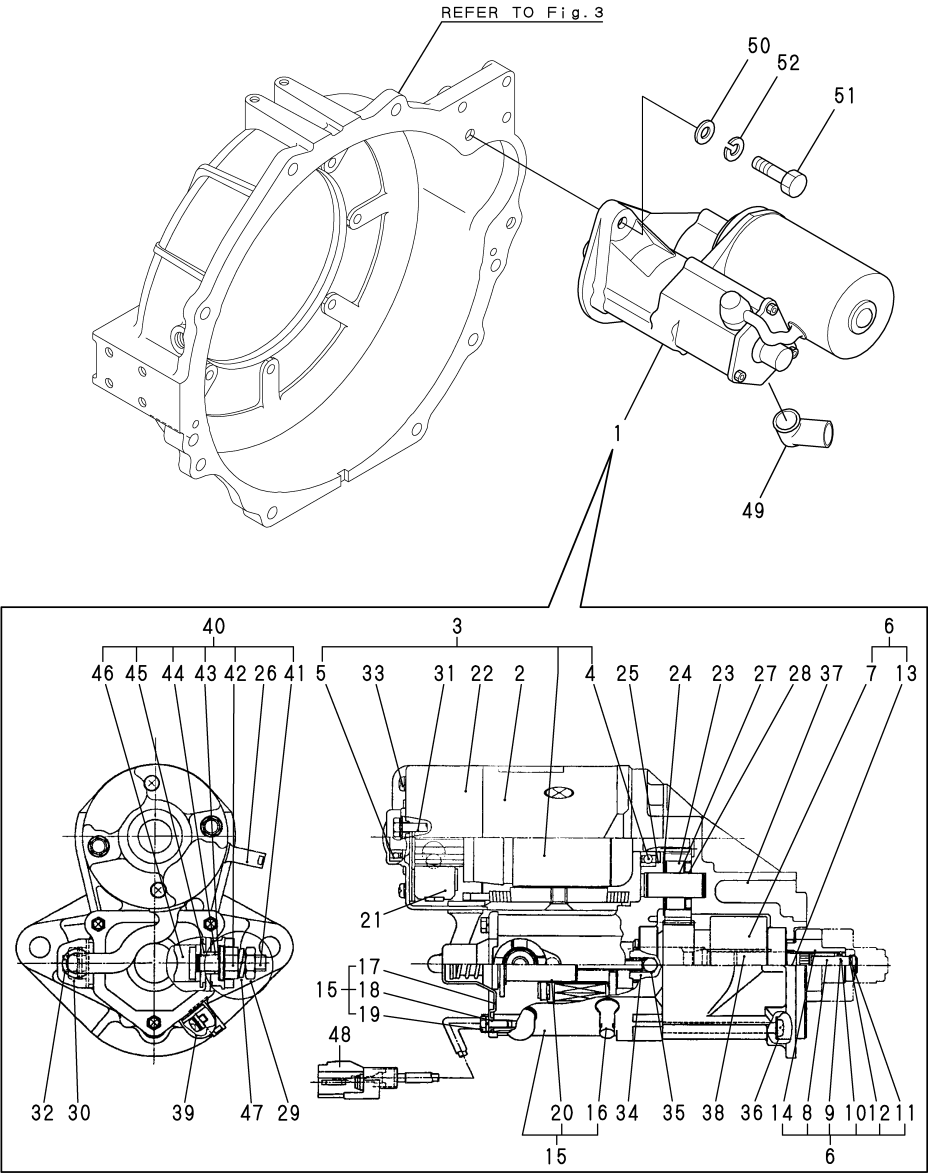
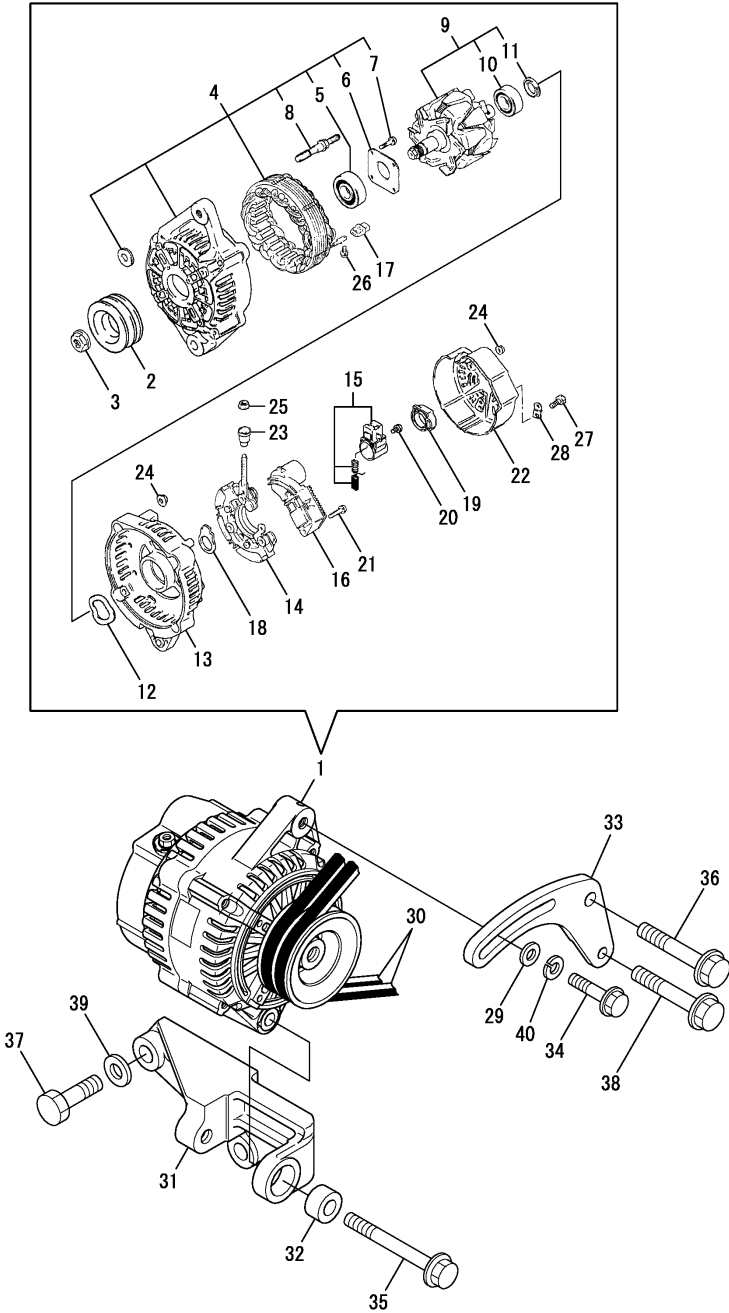


Fig.50. GENERATOR



(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-77200	ALTERNATOR, 12V-80A	1	1	1					
1-1	1	119773-77201	ALTERNATOR ASSY,12V-	1	1	1				N	
(A=*2016.09.) (B=*2016.09.) (C=*2016.09.)											
2	2	119773-77210	PULLEY	1	1	1					
3	2	119620-77470	NUT	1	1	1					
4	2	119773-77220	FRAME ASSY,DRIVE END	1	1	1					
5	3	123958-79200	BEARING	1	1	1					
6	3	123958-79210	PLATE, RETAINER	1	1	1					
7	3	123958-79220	SCREW	4	4	4					
8	3	123958-79230	BOLT	4	4	4					
9	2	119773-77230	ROTOR ASSY	1	1	1					
10	3	119773-77240	BEARING,BALL	1	1	1					
11	3	119620-79250	COVER, BEARING	1	1	1					
12	2	123958-79330	WASHER	1	1	1					
13	2	119773-77270	FRAME,END RR	1	1	1					
14	2	123958-79260	HOLDER ASSY, SUB	1	1	1					
15	2	123958-79270	HOLDER ASSY, SUB	1	1	1					
16	2	X1260001940	REGULATOR	1	1	1					
16-1	2	123958-77720	REGULATOR ASSY	1	1	1				N	
(A=*2016.09.) (B=*2016.09.) (C=*2016.09.)											
17	2	123958-79350	INSULATION BUSH	4	4	4					
18	2	123958-79320	SEAL, RING	1	1	1					
19	2	123958-79310	SEAL, RING	1	1	1					
20	2	119620-79290	SCREW	3	3	3					
21	2	123958-79300	SCREW, W/WASHER	2	2	2					
22	2	123958-77450	COVER, END, RR	1	1	1					
23	2	119773-77280	BUSH,INSULATION TERM	1	1	1					
24	2	119620-79350	NUT	7	7	7					
25	2	119773-77290	NUT	1	1	1					
26	2	123958-79360	SCREW, W/WASHER	4	4	4					
27	2	123958-79370	SCREW	1	1	1					
28	2	123958-79380	PLATE, TERMINAL	1	1	1					
29	1	121236-77340	SPACER	1	1	1					
30	1	119775-77260	V-BELT, HM39.5	2	2	2					
31	1	119773-77320	BRACKET	1	1	1					
32	1	119773-77340	COLLAR	1	1	1					
33	1	119773-77350	ADJUSTER, BELT	1	1	1					
34	1	26106-080352	BOLT, M8X 35 PLATED	1	1	1					
35	1	26106-100952	BOLT, M10X 95 PLATED	1	1	1					
36	1	26136-100602	BOLT, M10X 60 PLATED	1	1	1					
37	1	26156-120402	BOLT, M12X 40 PLATED	2	2	2					
38	1	26106-080552	BOLT, M8X 55 PLATED	1	1	1					
39	1	22117-120000	WASHER, 12	2	2	2					
40	1	22213-080000	WASHER, SPRING 8	1	1	1					

Fig.51. BELT COVER

(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119775-77450	COVER, BELT	1	1	1					
2	1	119775-77460	BOLT	1	1	1					
3	1	119775-77470	BOLT	1	1	1					
4	1	119775-77490	BOLT	1	1	1					
5	1	119578-77680	COLLAR	4	4	4					
6	1	119578-91351	ABSORBER	4	4	4					
7	1	26106-080252	BOLT, M8X 25 PLATED	1	1	1					
8	1	26306-080002	NUT, M8	3	3	3					

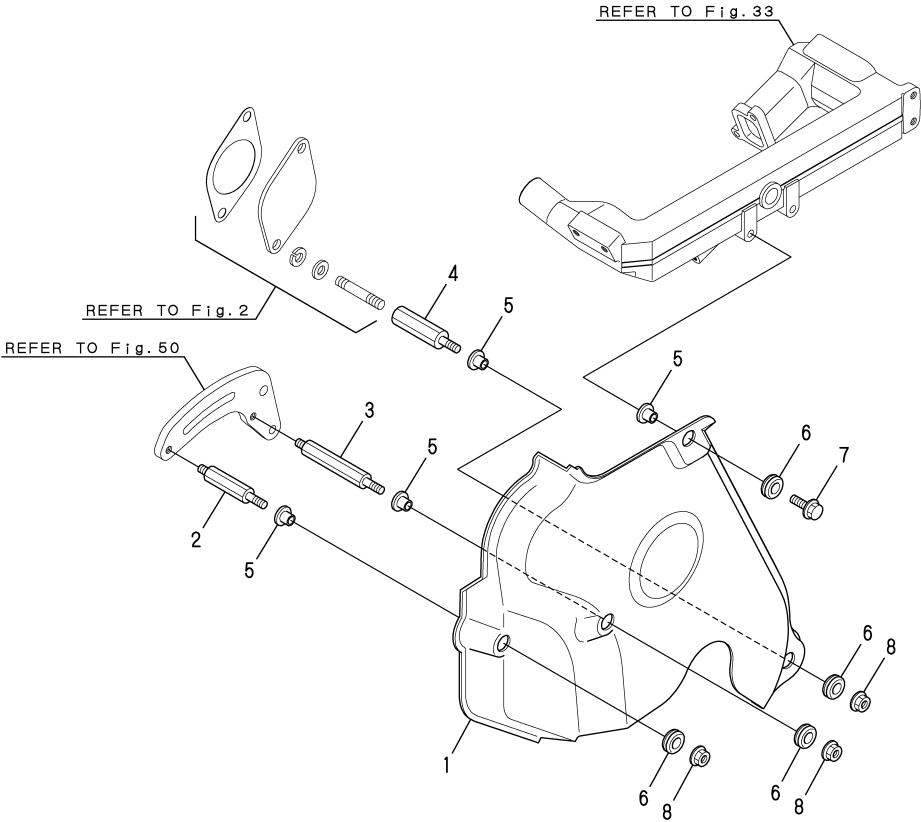
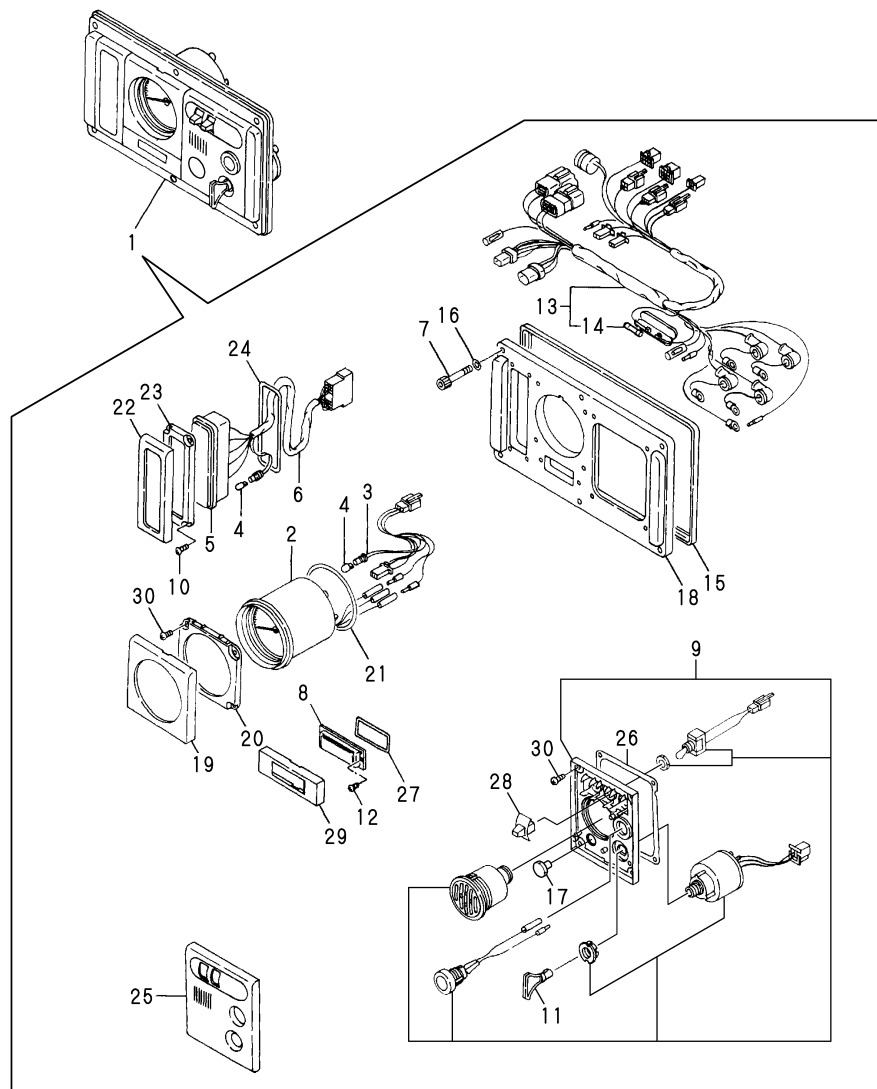
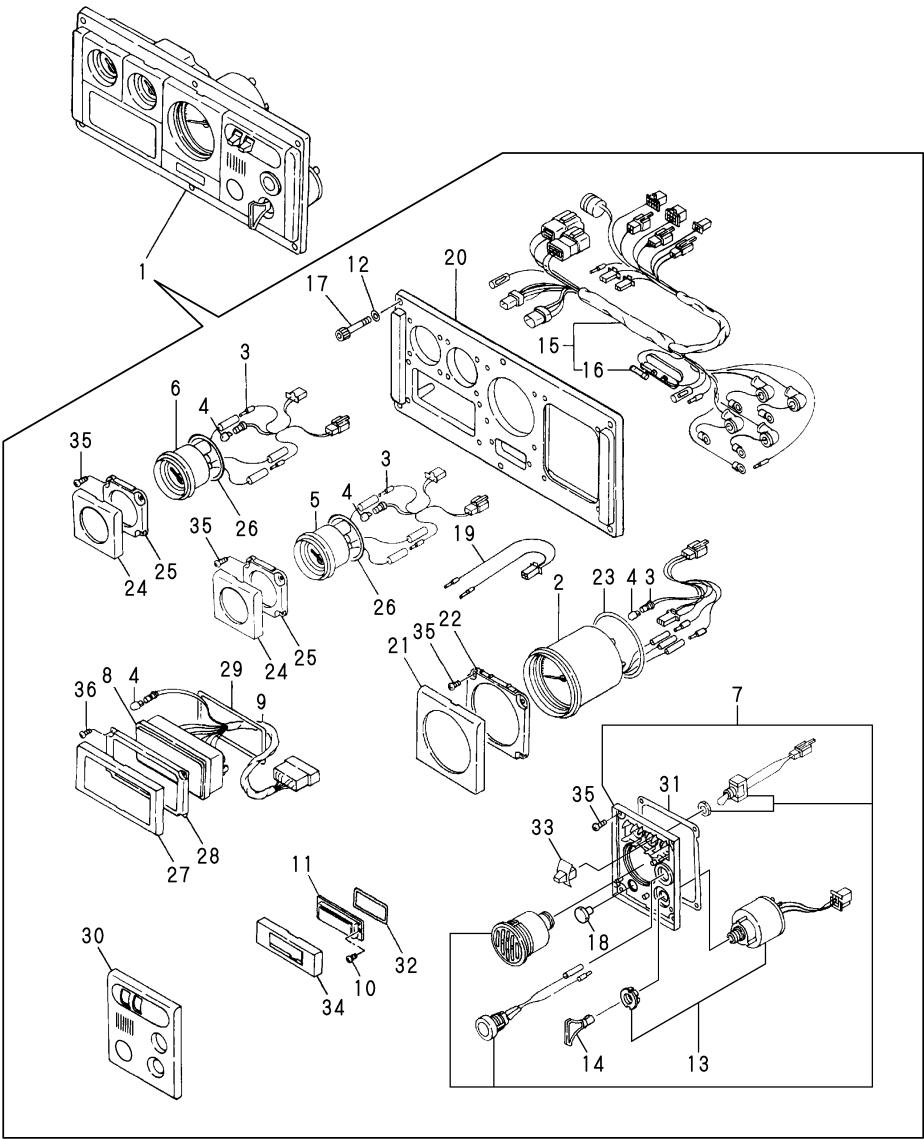


Fig.52. INSTRUMENT PANEL(B-TYPE,OPTIONAL)



No.	Lev.	Parts No.	Description	(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3			D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-91132	PANEL, INSTRUMENT B	1	1	1					
2	2	119773-91250	METER KIT	1	1	1					
3	2	129574-91870	HARNESS, WIRE	1	1	1					
4	2	124617-91980	BULB, 12V-1.7W	7	7	7					
5	2	119773-91261	BOX	1	1	1					
6	2	119773-91240	HARNESS, WIRE	1	1	1					
7	2	127687-91870	BOLT, M6X35	6	6	6					
8	2	129170-91650	COVER	1	1	1					
9	2	129470-91191	BOX ASSY	1	1	1					
10	2	127692-91440	SCREW	4	4	4					
11	2	123482-91291	KEY	1	1	1					
12	2	127692-91450	SCREW	2	2	2					
13	2	119773-91141	HARNESS, WIRE	1	1	1					
14	3	124617-91990	FUSE	1	1	1					
15	2	128391-91700	GASKET	1	1	1					
16	2	127687-91880	WASHER	6	6	6					
17	2	129574-91760	COVER	1	1	1					
18	2	128391-91930	PANEL	1	1	1					
19	2	129574-91620	BEZEL	1	1	1					
20	2	129574-91420	BRACKET	1	1	1					
21	2	129574-91720	GASKET	1	1	1					
22	2	128391-91640	BEZEL	1	1	1					
23	2	128391-91440	PLATE	1	1	1					
24	2	128391-91740	GASKET	1	1	1					
25	2	129170-91610	BEZEL	1	1	1					
26	2	129574-91710	GASKET	1	1	1					
27	2	129574-91750	GASKET	1	1	1					
28	2	129574-91770	KNOB	2	2	2					
29	2	129574-91650	BEZEL	1	1	1					
30	2	127692-91410	SCREW	8	8	8					

Fig.53. INSTRUMENT PANEL(C-TYPE,OPTIONAL)

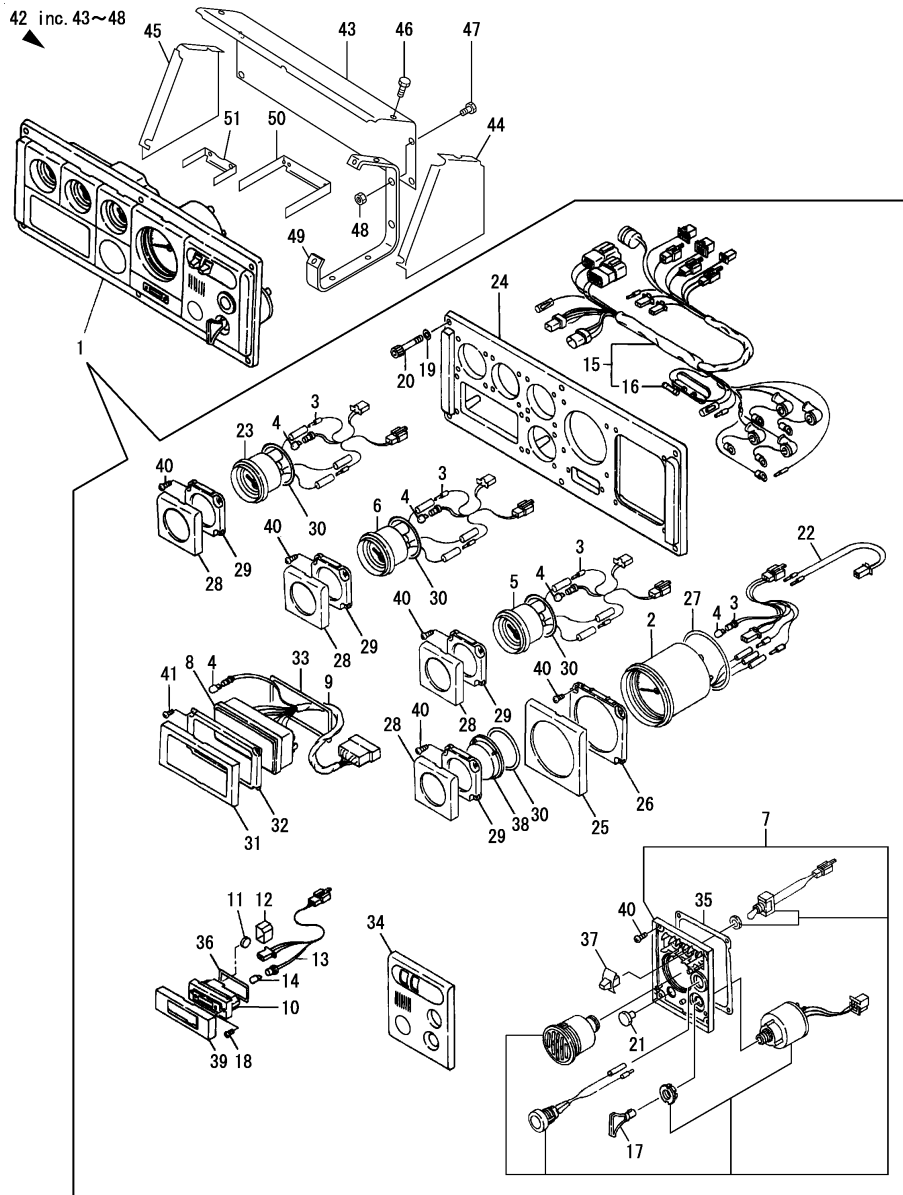


(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-91163	PANEL, INSTRUMENT C	1	1	1					
2	2	119773-91250	METER KIT	1	1	1					
3	2	129574-91870	HARNESS, WIRE	3	3	3					
4	2	124617-91980	BULB, 12V-1.7W	12	12	12					
5	2	129574-91210	METER	1	1	1					
6	2	129574-91222	METER	1	1	1					
7	2	129470-91191	BOX ASSY	1	1	1					
8	2	119773-91281	BOX	1	1	1					
9	2	119773-91231	HARNESS, WIRE	1	1	1					
10	2	127692-91450	SCREW	2	2	2					
11	2	129170-91650	COVER	1	1	1					
12	2	127687-91880	WASHER	6	6	6					
13	2	121575-91250	SWITCH, KEY	1	1	1					
14	2	123482-91291	KEY	1	1	1					
15	2	119773-91172	HARNESS, WIRE	1	1	1					
16	3	124617-91990	FUSE	1	1	1					
17	2	127687-91870	BOLT, M6X35	6	6	6					
18	2	129574-91760	COVER	1	1	1					
19	2	129574-91890	HARNESS, WIRE	1	1	1					
20	2	129170-91930	PANEL	1	1	1					
21	2	129574-91620	BEZEL	1	1	1					
22	2	129574-91420	BRACKET	1	1	1					
23	2	129574-91720	GASKET	1	1	1					
24	2	129574-91630	BEZEL	2	2	2					
25	2	129574-91430	BRACKET	2	2	2					
26	2	129574-91730	GASKET	2	2	2					
27	2	129574-91640	BEZEL	1	1	1					
28	2	129574-91440	BRACKET	1	1	1					
29	2	129574-91740	GASKET	1	1	1					
30	2	129170-91610	BEZEL	1	1	1					
31	2	129574-91710	GASKET	1	1	1					
32	2	129574-91750	GASKET	1	1	1					
33	2	129574-91770	KNOB	2	2	2					
34	2	129574-91650	BEZEL	1	1	1					
35	2	127692-91410	SCREW	16	16	16					
36	2	127692-91440	SCREW	4	4	4					

Fig.54. INSTRUMENT PANEL(D-TYPE)(OPTIONAL)

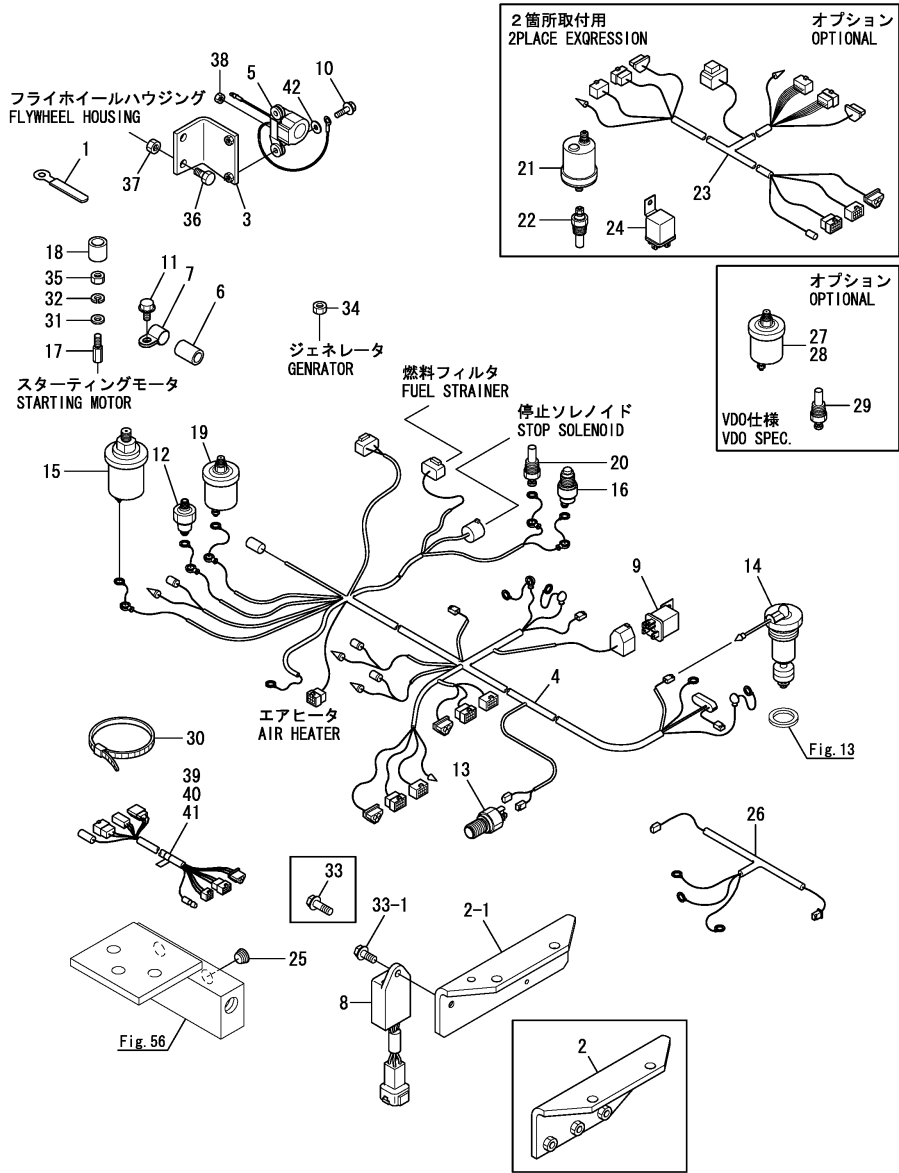


(2) Not needed when mounting on the side.

				(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3			(D)= (E)= (F)=				
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-91193	PANEL, INSTRUMENT D	1	1	1					
2	2	119773-91250	METER KIT	1	1	1					
3	2	129574-91870	HARNESS, WIRE	4	4	4					
4	2	124617-91980	BULB, 12V-1.7W	13	13	13					
5	2	129574-91210	METER, WATER TEMP.	1	1	1					
6	2	129574-91222	METER, OIL PRESSUER	1	1	1					
7	2	129470-91191	BOX ASSY	1	1	1					
8	2	119773-91281	BOX	1	1	1					
9	2	119773-91231	HARNESS, WIRE	1	1	1					
10	2	129574-91240	CLOCK	1	1	1					
11	2	127620-91250	CELL	1	1	1					
12	2	129574-91490	HOLDER	1	1	1					
13	2	129574-91880	HARNESS, WIRE	1	1	1					
14	2	120147-91760	BULB	1	1	1					
15	2	119773-91221	HARNESS, WIRE	1	1	1					
16	3	124617-91990	FUSE	1	1	1					
17	2	123482-91291	SWITCH, KEY	1	1	1					
18	2	127692-91450	SCREW	2	2	2					
19	2	127687-91880	WASHER	6	6	6					
20	2	127687-91870	BOLT, M6X35	6	6	6					
21	2	129574-91760	COVER	1	1	1					
22	2	129574-91890	HARNESS, WIRE	1	1	1					
23	2	129574-91311	METER	1	1	1					
24	2	129574-91930	PANEL	1	1	1					
25	2	129574-91620	BEZEL	1	1	1					
26	2	129574-91420	BRACKET	1	1	1					
27	2	129574-91720	GASKET	1	1	1					
28	2	129574-91630	BEZEL	4	4	4					
29	2	129574-91430	BRACKET	4	4	4					
30	2	129574-91730	GASKET	4	4	4					
31	2	129574-91640	BEZEL	1	1	1					
32	2	129574-91440	BRACKET	1	1	1					
33	2	129574-91740	GASKET	1	1	1					
34	2	129170-91610	BEZEL	1	1	1					
35	2	129574-91710	GASKET	1	1	1					
36	2	129574-91750	GASKET	1	1	1					
37	2	129574-91770	KNOB	2	2	2					
38	2	129574-91600	COVER	1	1	1					
39	2	129574-91650	BEZEL	1	1	1					
40	2	127692-91410	SCREW	24	24	24					
41	2	127692-91440	SCREW	4	4	4					
42	1	127692-91900	COVER, PANEL	1	1	1					1
43	2	127692-91950	COVER, PANEL	1	1	1					
44	2	129574-91960	COVER, PANEL	1	1	1					
45	2	129574-91970	COVER, PANEL	1	1	1					
46	2	26559-060122	SCREW, M6X12	2	2	2					
47	2	26556-060122	SCREW M 6X12	4	4	4					2
48	2	26716-060002	NUT, M6	4	4	4					2
49	1	129574-91530	BRACKET, PANEL	2	2	2					1
50	1	129574-91540	BRACKET	1	1	1					1
51	1	129574-91550	BRACKET	1	1	1					1

N:Old $\xleftrightarrow{\text{Yes}} \text{New}$, Q:Old $\xleftrightarrow{\text{No}} \text{New}$, R:Old $\xleftrightarrow{\text{Yes}} \text{New}$, S:Old $\xleftrightarrow{\text{No}} \text{New}$, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

Fig.55. WIRE HARNESS & SENSOR

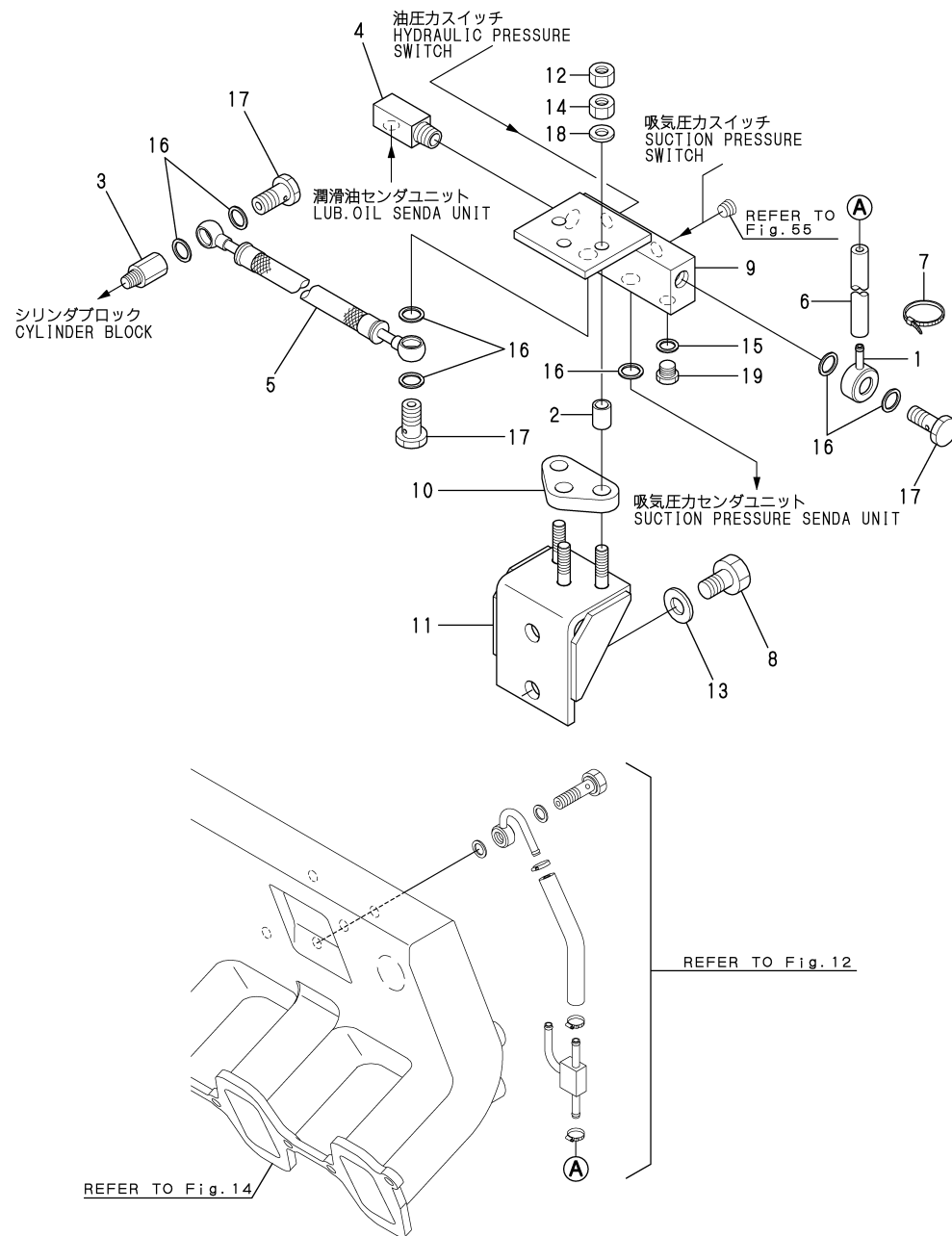


(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	105430-67110	CLAMP, CORD	1	1	1					
2	1	119773-77551	BRACKET, RELAY	1	1	1					
2-1	1	119773-77552	BRACKET,RELAY	1	1	1				F	1
(A=E/#2977) (B=E/#2965) (C=*2012.06.)											
3	1	119775-77570	BRACKET, RELAY	1	1	1					
4	1	119778-77813	HARNESS, WIRE ENGINE	1	1	1					
5	1	119575-77510	RELAY, STARTER	1	1	1					
6	1	124770-77940	PROTECTOR, HARNESS	1	1	1					
7	1	124070-77950	CLAMP	1	1	1					
8	1	119773-91400	CONTROLLER, TIMER	3	3	3					
9	1	119773-91850	RELAY, DC12V	1	1	1					
10	1	26106-060202	BOLT, M6X 20 PLATED	2	2	2					
11	1	26106-080162	BOLT, M8X 16 PLATED	1	1	1					
12	1	124060-39452	SWITCH, HYDRAULIC	1	1	1					
13	1	128170-91160	SENSOR, TACHOMETER	1	1	1					
14	1	127610-91221	SWITCH, FLOAT	1	1	1					
15	1	119773-91301	SENSOR, PRESSURE	1	1	1					
16	1	127610-91350	SWITCH, TEMPERATURE	1	1	1					
17	1	119773-77500	BOLT, SPACER	1	1	1					
18	1	119773-77800	COVER, TERMINAL	1	1	1					
19	1	119773-91501	SENSOR, OIL PRESSURE	1	1	1					
20	1	144626-91570	SENDER UNIT	1	1	1					
21	1	129574-91561	SENSOR, OIL PUMP	1	1	1					
22	1	129574-91570	SENSOR, TEMPERATURE	1	1	1					
23	1	129574-77980	HARNESS, WIRE	1	1	1					
24	1	119773-91850	RELAY, DC12V	1	1	1					
25	1	23876-010000	PLUG, R01	1	1	1					
26	1	119778-91500	HARNESS, WIRE		1	1					
27	1	119773-91600	SENDER, BOOST	1	1	1					
28	1	119773-91650	SENSOR, HYDRAULIC	1	1	1					
29	1	119773-91700	SENDER, TEMPERATURE	1	1	1					
30	1	121750-59890	BAND, NYLON	5	5	5					
31	1	22117-100000	WASHER, 10	1	1	1					
32	1	22217-100000	WASHER, SPRING 10	1	1	1					
33	1	26106-060162	BOLT, M6X 16 PLATED	3	3	3					
33-1	1	26106-060122	BOLT, M6X 12 PLATED	3	3	3				F	1
(A=E/#2977) (B=E/#2965) (C=*2012.06.)											
34	1	26716-060002	NUT, M6	1	1	1					
35	1	26716-100002	NUT, M10	1	1	1					
36	1	26106-100502	BOLT, M10X 50 PLATED	1	1	1					
37	1	26306-100002	NUT, M10	1	1	1					
38	1	26366-060002	NUT, M6	2	2	2					
39	1	129574-77750	HARNESS, WIRE 4M	1	1	1					
40	1	129574-77760	HARNESS, WIRE 6M	1	1	1					
41	1	129574-77770	HARNESS, WIRE 9.8M	1	1	1					
41-1	1	129574-77740	HARNESS, WIRE 10M	1	1	1					R
(A=*2010.04.) (B=*2010.04.) (C=*2010.04.)											
42	1	183350-55130	WASHER	2	2	2					

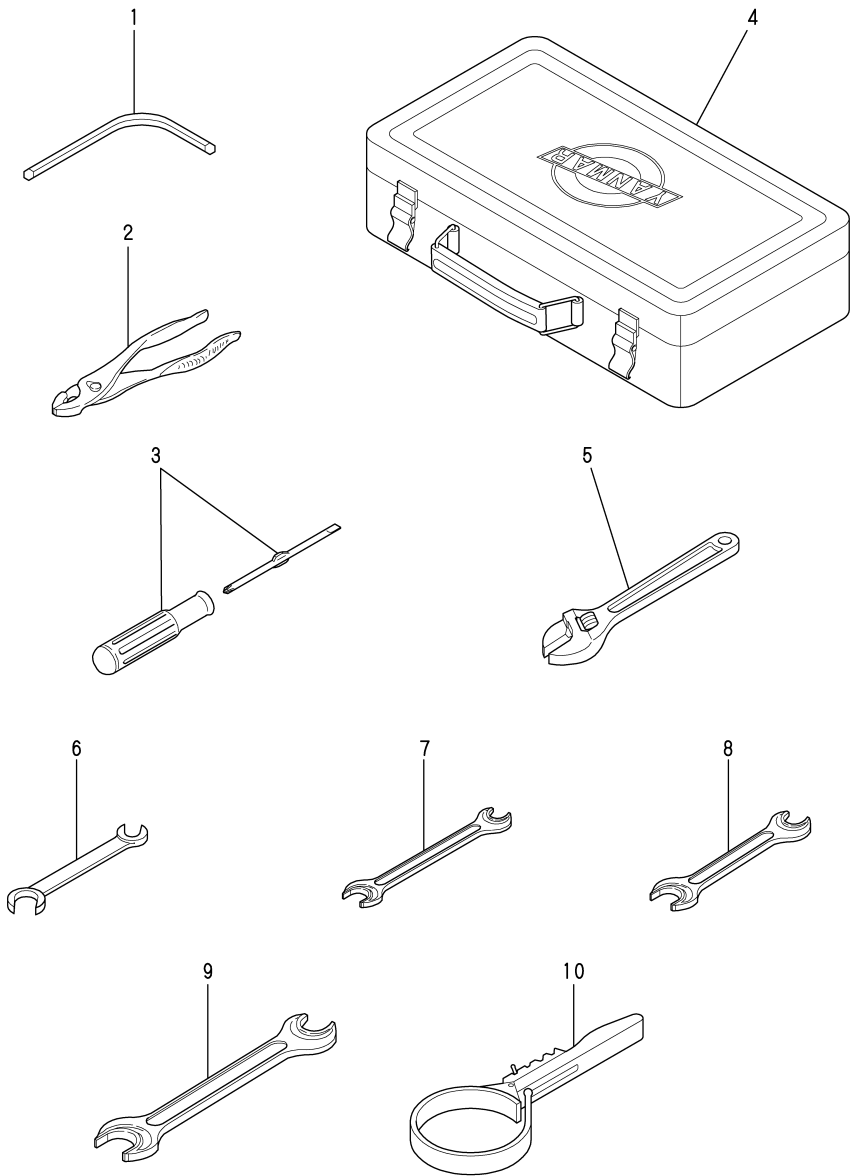
Remarks
(1)No.2-1 & 33-1 interchangeable by set.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-18520	JOINT	1	1	1					
2	1	119773-91050	COLLAR	3	3	3					
3	1	114354-39600	JOINT, PIPE	1	1	1					
4	1	123482-39670	DAMPER	1	1	1					
5	1	119773-39801	PIPE ASSY, OIL	1	1	1					
6	1	129495-59561	PIPE, FUEL L=190	1	1	1					
7	1	121750-59890	BAND, 140	1	1	1					
8	1	26156-120202	BOLT, M12X 20 PLATED	2	2	2					
9	1	119773-91011	BRACKET	1	1	1					
10	1	119773-91021	ABSORBER	1	1	1					
11	1	119773-91040	BRACKET	1	1	1					
12	1	26716-080002	NUT, M8	3	3	3					
13	1	22117-120000	WASHER, 12	2	2	2					
14	1	26756-080002	NUT, LOCK M8	3	3	3					
15	1	23414-100014	GASKET, 10X1.0	1	1	1					
16	1	23414-120000	GASKET, 12X1.0	7	7	7					
17	1	23851-060000	JOINT BOLT 6	3	3	3					
18	1	22137-080000	WASHER, 8	3	3	3					
19	1	23887-100002	PLUG, 10	1	1	1					

(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

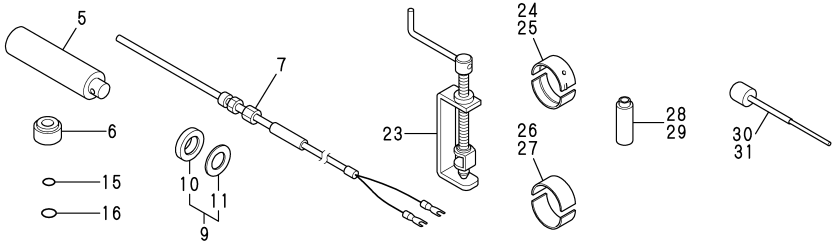
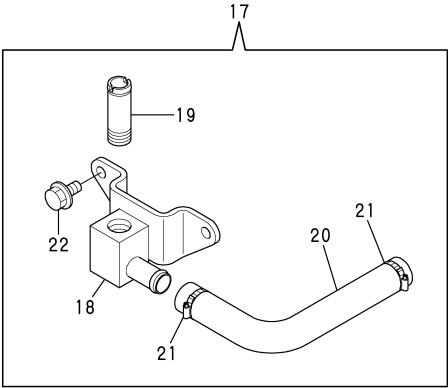
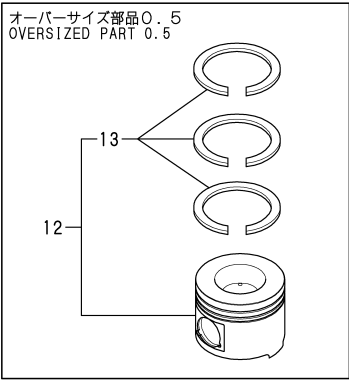
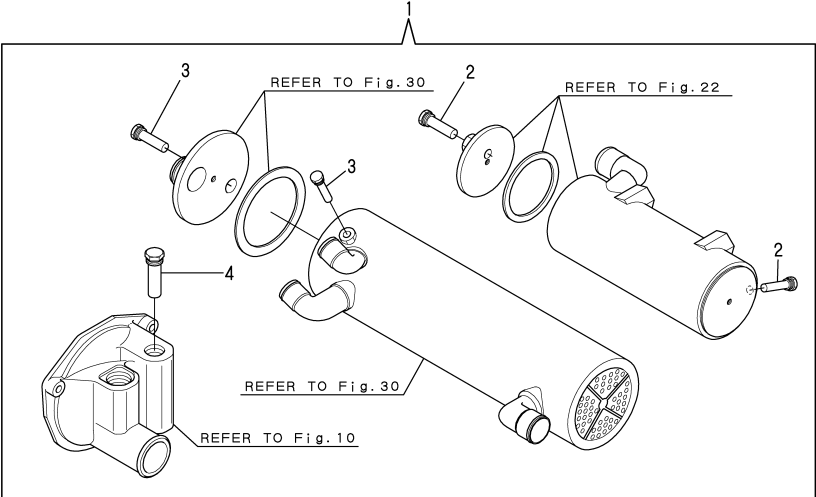


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177040-09050	WRENCH	1	1	1					
2	1	189010-92020	PLIER	1	1	1					
3	1	104200-92350	DRIVER, SCREW	1	1	1					
4	1	122210-92601	BOX	1	1	1					
5	1	28120-002000	WRENCH, 200	1	1	1					
6	1	28110-100130	SPANNER, 10X13	1	1	1					
7	1	28110-120140	SPANNER, 12X14	1	1	1					
8	1	28110-170190	SPANNER, 17X19	1	1	1					
9	1	28110-220240	SPANNER, 22X24	1	1	1					
10	1	148633-92350	WRENCH	1	1	1					

Fig.58. SPARE PART(OPTINAL)

(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

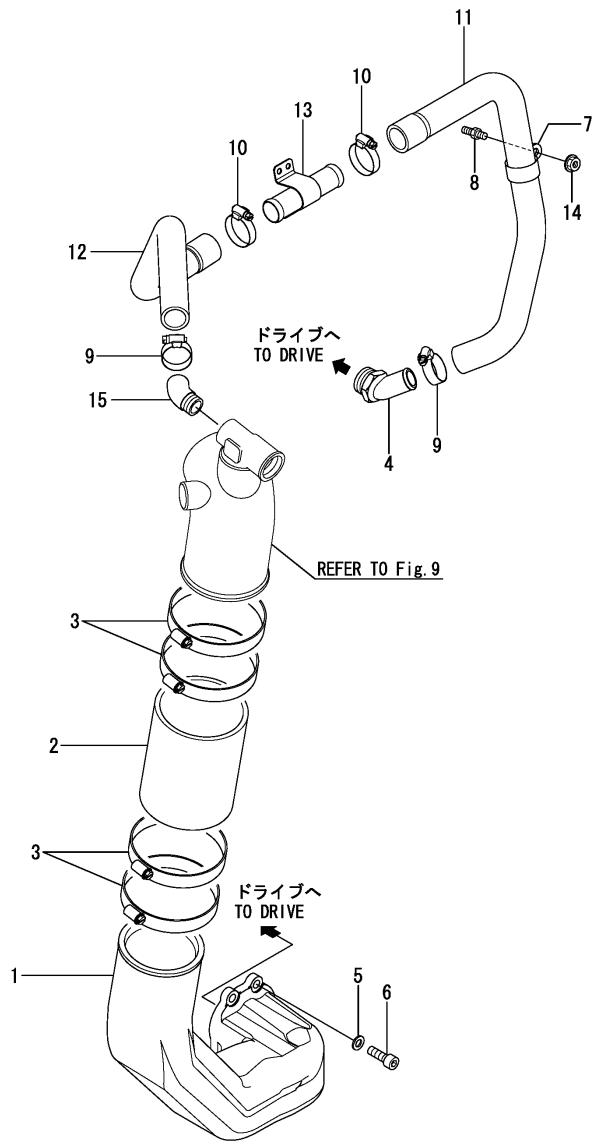
(D)=
(E)=
(F)=



Remarks
(1)NOT ILLUSTRATED.
(2)OVER SIZED(O.S.=0.50)PART 6 SET
(3)UNDER SIZED(U.S.=0.25)PART 7 SET
(4)UNDER SIZED(U.S.=0.50)PART 7 SET

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-92600	ZINC KIT	1	1	1					
2	2	119574-44150	ZINC, ANTI-CORROSIVE	2	2	2					
3	2	119574-44150	ZINC, ANTI-CORROSIVE	2	2	2					
4	2	119574-18790	ZINC, ANTI-CORROSIVE	1	1	1					
5	1	119771-02050	HANDLE	1	1	1					
6	1	119775-11340	SEAL, VALVE STEM	12	12	12					
7	1	119773-91800	THERMOCOUPLE	1	1	1					
8	1	119770-02020	TOOL, ADJUSTING	1	1	1					1
9	1	119773-42510	SEAL KIT, LIP	1	1	1					
10	2	119773-42580	SEAL, LIP	1	1	1					
11	2	119773-42590	WASHER	1	1	1					
12	1	719775-22110	PISTON ASSY, 0.50 OS	1	1	1					
13	2	119770-01180	RING SET, PISTON .50	1	1	1					2
15	1	119778-26700	O-RING	1	1	1					
16	1	119778-26710	O-RING	1	1	1					
17	1	119773-49460	JOINT KIT	1	1	1					
18	2	119773-49400	JOINT	1	1	1					
19	2	119773-49420	JOINT	1	1	1					
20	2	119773-49440	HOSE, RUBBER	1	1	1					
21	2	23000-028000	CLAMP, 28	2	2	2					
22	2	26106-080162	BOLT, M8X 16 PLATED	2	2	2					
23	1	119770-02000	TOOL, VALVE REMOVER	1	1	1					
24	1	119770-02031	METAL, MAIN 0.25 US	1	1	1					3
25	1	119770-02041	METAL, MAIN 0.50 US	1	1	1					4
26	1	119770-02050	METAL, CRANK PIN .25	1	1	1					3
27	1	119770-02060	METAL, CRANK PIN .50	1	1	1					4
28	1	119771-02010	GUIDE, VALVE	1	1	1					
29	1	119771-02020	GUIDE, VALVE 0.05 OS	1	1	1					
30	1	119771-02030	TOOL, VALVE GUIDE	1	1	1					
31	1	119771-02040	TOOL, VALVE GUIDE	1	1	1					

Fig.59. EXHAUST BEND(ZT SPEC)

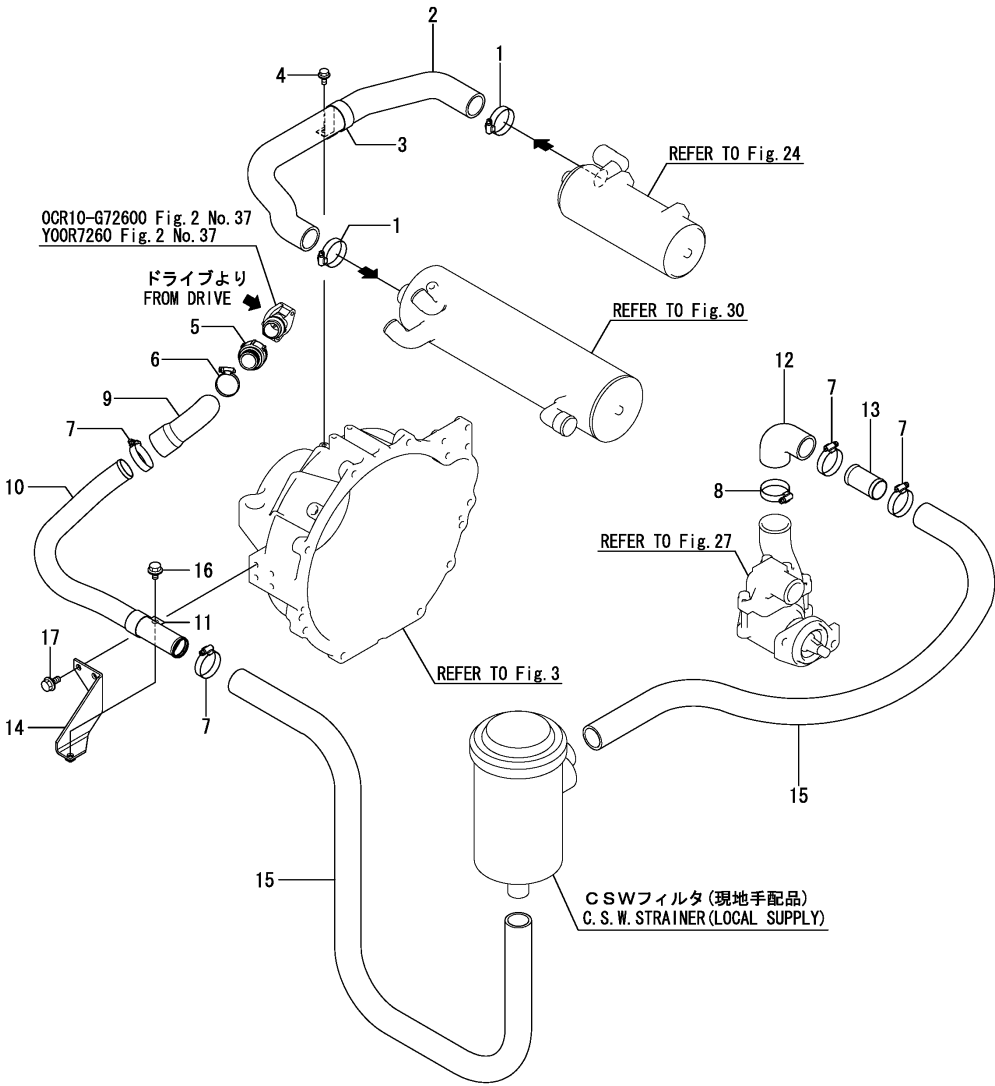


(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119779-13640	PIPE, EXHAUST		1	1					
2	1	119175-13800	JOINT		1	1					
3	1	119172-48010	CLIP, HOSE 127		4	4					
4	1	119779-49550	JOINT		1	1					
5	1	22113-100000	WASHER, 10		4	4					
6	1	26453-100302	BOLT, M10X 30		4	4					
7	1	127610-03270	RETAINER		1	1					
8	1	114973-13950	BOLT		1	1					
9	1	119172-48350	CLIP, HOSE 35		2	2					
10	1	119172-48410	CLIP, HOSE 41		2	2					
11	1	119779-49120	HOSE, DRIVE		1	1					
12	1	119779-49130	HOSE, BYPASS		1	1					
13	1	119778-49200	JOINT		1	1					
14	1	26306-080002	NUT, M8		1	1					
15	1	119175-49550	JOINT		1	1					

Fig.60. COOLING SEA WATER PIPE(ZT SPEC)

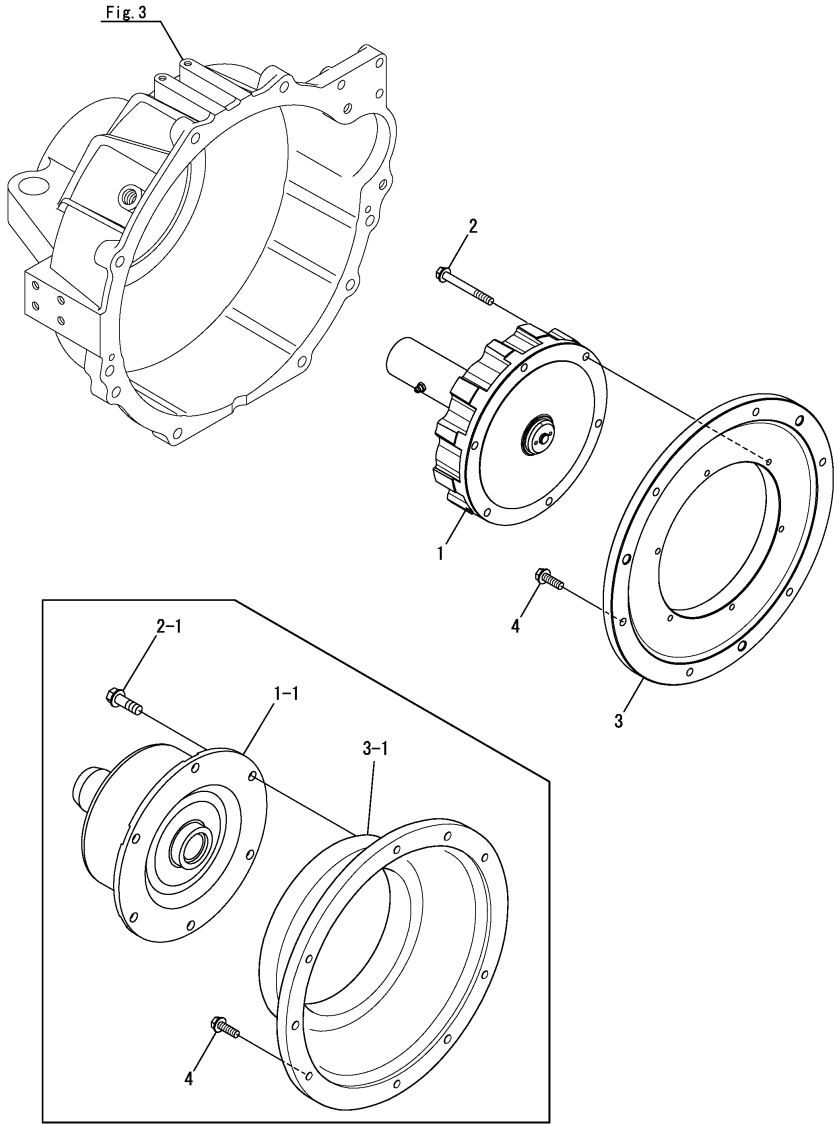


(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119172-48480	CLIP, HOSE 48		2	2					
2	1	119779-49530	PIPE, WATER		1	1					
3	1	119779-49540	RETAINER		1	1					
4	1	26106-080182	BOLT, M8X 18 PLATED		1	1					
5	1	120650-42630	JOINT		1	1					
6	1	119172-48410	CLIP, HOSE 41		1	1					
7	1	119172-48480	CLIP, HOSE 48		4	4					
8	1	119172-48540	CLIP, HOSE 54		1	1					
9	1	119779-49190	HOSE, DRIVE		1	1					
10	1	119779-49200	PIPE, WATER		1	1					
11	1	119779-49210	RETAINER		1	1					
12	1	119779-49220	HOSE		1	1					
13	1	119779-49230	PIPE		1	1					
14	1	119779-49710	BRACKET		1	1					
15	1	119779-49910	HOSE, WATER 2.5M		1	1					
16	1	26106-100162	BOLT, M10X 16 PLATED		1	1					
17	1	26106-100222	BOLT, M10X 22 PLATED		3	3					

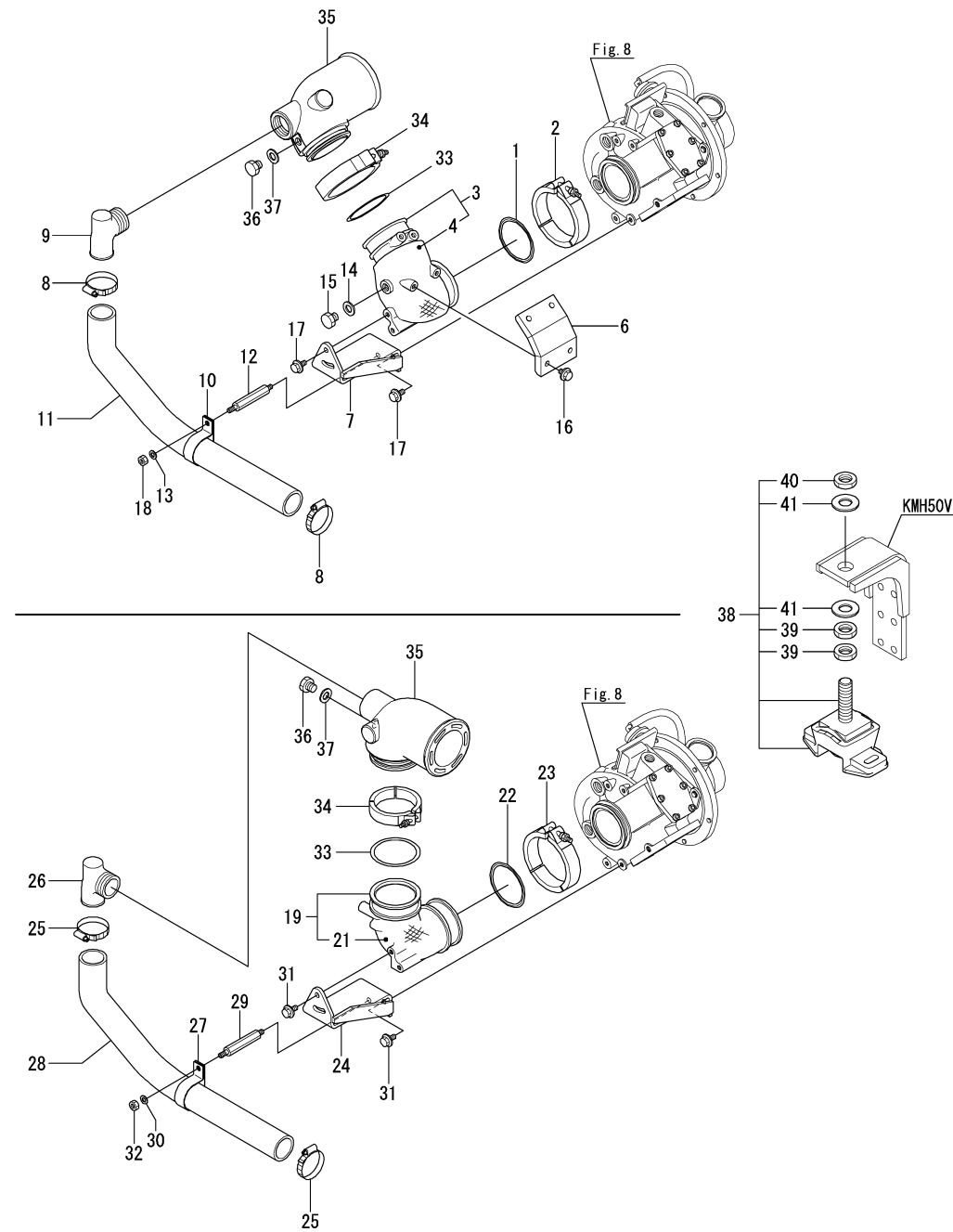
Fig.61. COUPLING(ZT SPEC)



Remarks
(1)Interchangeable by simultaneous replacement with No.1-1,2-1,3-1.

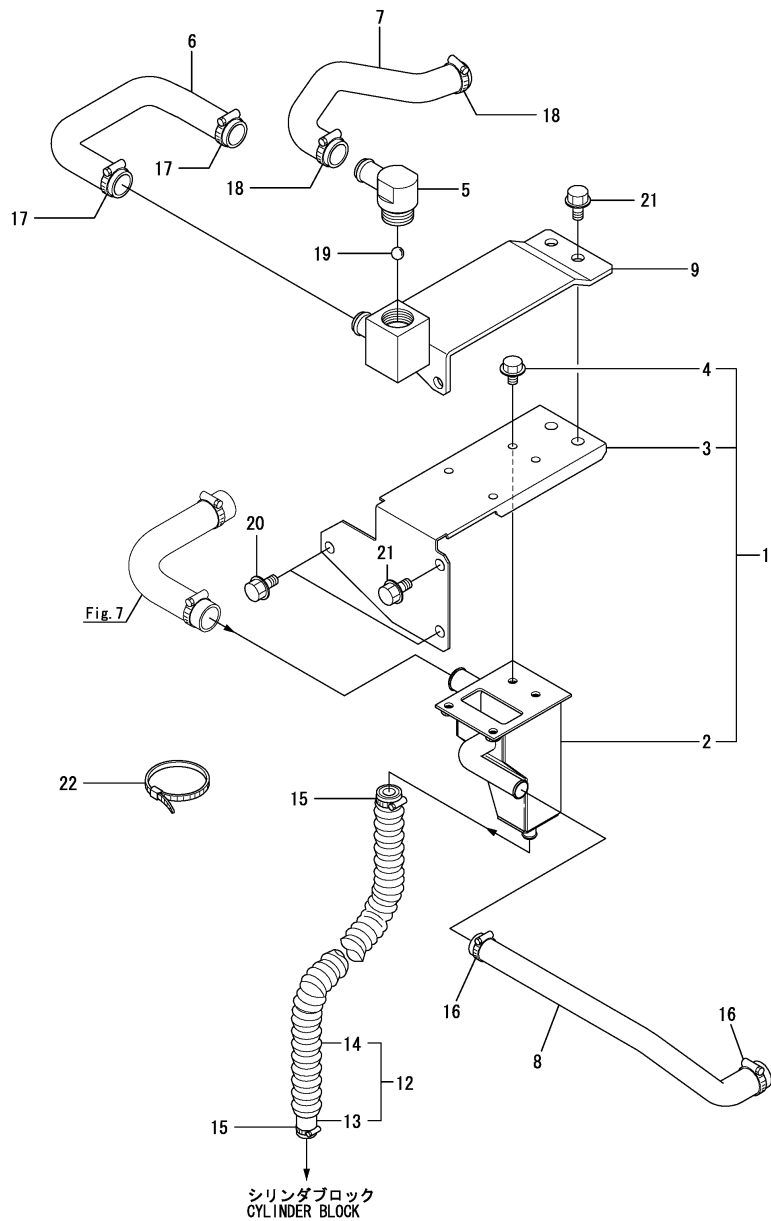
OCR10-M67600 Fig.61											
(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3											
(D)= (E)= (F)=											
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	120661-81050	COUPLING CF-RSD-106 (B=*2009.02) (C=*2009.02)		1	1					W
1-1	1	196350-23010	COUPLING, LC-6000 (B=EZZZZZ) (C=E02416)		1	1					F 1
2	1	26106-080702	BOLT, M8X 70 PLATED (B=*2009.02) (C=*2009.02)		6	6					W
2-1	1	26106-100252	BOLT, M10X 25 PLATED (B=EZZZZZ) (C=E02416)		6	6					F 1
3	1	119779-21510	SPACER, CF-RSD-106 (B=*2009.02) (C=*2009.02)		1	1					W
3-1	1	119778-21500	SPACER, FLYWHEEL (B=EZZZZZ) (C=E02416)		1	1					F 1
4	1	119005-77350	BOLT, M8X25 (B=*2009.02) (C=*2009.02)		6	6					W

Fig.62. EXHAUST MIXING DEVICE & FLEXIBLE RUBBER(KMH50V SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-13250	GASKET	1							
2	1	119773-13300	CLAMP	1							
3	1	119778-13301	BEND ASSY	1							W
(A=*2009.01)											
4	2	119778-13311	MAT, WOOL	1							
6	1	119778-13330	COVER	1							
7	1	119778-13370	BRACKET, BEND	1							
8	1	119172-48540	CLIP, HOSE 54	2							
9	1	119775-48640	JOINT	1							
10	1	119593-49080	BAND	1							
11	1	119775-49780	PIPE, WATER	1							
12	1	119578-77450	BOLT	1							
13	1	22117-080000	WASHER, 8	1							
14	1	23414-130000	GASKET, 13X1.0	1							
15	1	23893-020002	PLUG, G1/4	1							
16	1	26106-080122	BOLT, M8X 12 PLATED	4							
17	1	26106-080162	BOLT, M8X 16 PLATED	3							
18	1	26716-080002	NUT, M8	1							
19	1	119175-13200	BEND ASSY	1							W
(A=*2009.01)											
21	2	119175-13220	INSULATOR	1							
22	1	119773-13250	GASKET	1							
23	1	119773-13300	CLAMP	1							
24	1	119778-13370	BRACKET, BEND	1							
25	1	119172-48540	CLIP, HOSE 54	2							
26	1	119775-48640	JOINT	1							
27	1	119593-49080	BAND	1							
28	1	119775-49780	PIPE, WATER	1							
29	1	119578-77450	BOLT	1							
30	1	22117-080000	WASHER, 8	1							
31	1	26106-080162	BOLT, M8X 16 PLATED	3							
32	1	26716-080002	NUT, M8	1							
33	1	119773-13250	GASKET	1							
34	1	119773-13300	CLAMP	1							
35	1	119773-13501	ELBOW	1							
36	1	23893-020002	PLUG, G1/4	1							
37	1	23414-130000	GASKET, 13X1.0	1							
38	1	119773-08300	MOUNTING, FLEXIBLE	2							W
(A=*2009.01)											
39	2	119773-08330	NUT	4							
40	2	119773-08340	NUT	2							
41	2	119773-08350	WASHER	4							

Fig.63. BREATHER(SOLAS:OPTIONAL)

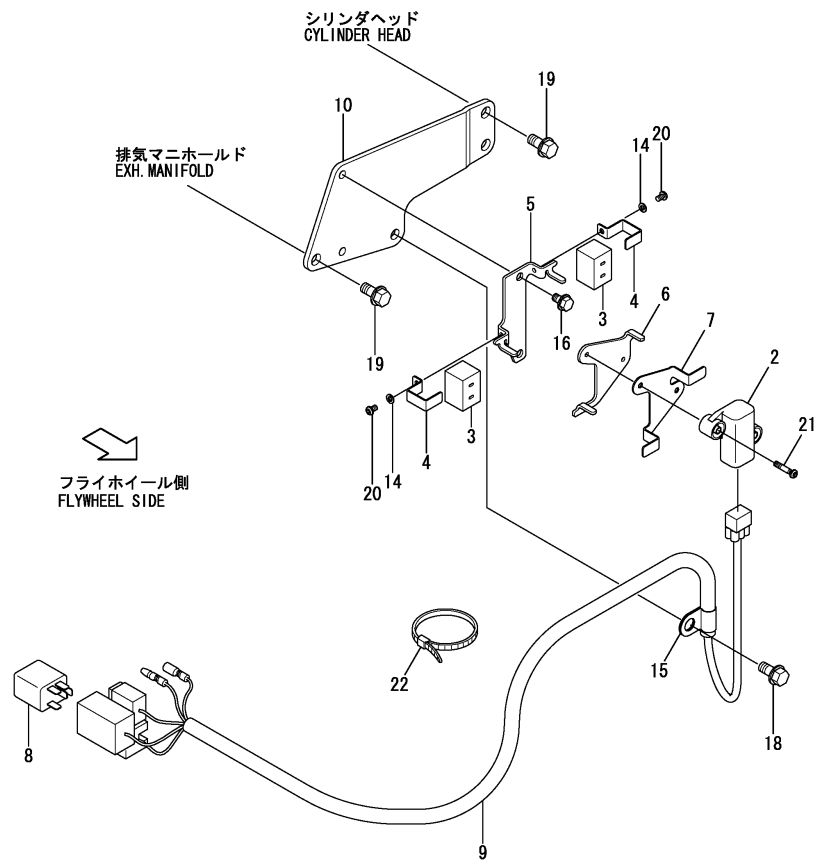


No.	Lev.	Parts No.	Description	(A)=6LPA-STP2 (B)=6LPA-STZP2 (C)=6LPA-STZP3			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119773-03012	BREATHER ASSY	1	1	1					
2	2	119773-03022	BODY,BREATHER	1	1	1					
3	2	119773-03032	COVER,BREATHER	1	1	1					
4	2	26106-060122	BOLT, M6X 12 PLATED	4	4	4					
5	1	119775-03060	JOINT,B BREATHER	1	1	1					
6	1	119775-03071	HOSE,A BREATHER	1	1	1					
7	1	119775-03080	HOSE B, BREATHER	1	1	1					
8	1	119775-03150	HOSE, RUBBER	1	1	1					
9	1	119775-03161	BRACKET,BREATHER	1	1	1					
12	1	119773-03301	HOSE	1	1	1					
13	2	119773-03251	HOSE	1	1	1					
14	2	119773-03271	TUBE, CORRUGATED	1	1	1					
15	1	119172-48190	CLIP, HOSE 19	2	2	2					
16	1	119172-48250	CLIP, HOSE 25	2	2	2					
17	1	119172-48250	CLIP, HOSE 25	2	2	2					
18	1	119172-48250	CLIP, HOSE 25	2	2	2					
19	1	24190-230001	BALL, STEEL 23/32	1	1	1					
20	1	26106-080142	BOLT, M8X 14 PLATED	2	2	2					
21	1	26106-080182	BOLT, M8X 18 PLATED	3	3	3					
22	1	29622-250001	BAND, RF250	2	2	2					

Remarks
* This figuer was added as SOLAS spec
(optional).

0CR10-M67600 6LPA-STP2/STZP2,3

Fig.64. TURNOVER SWITCH(SOLAS)(OPTIONAL)(TO E/#2976)



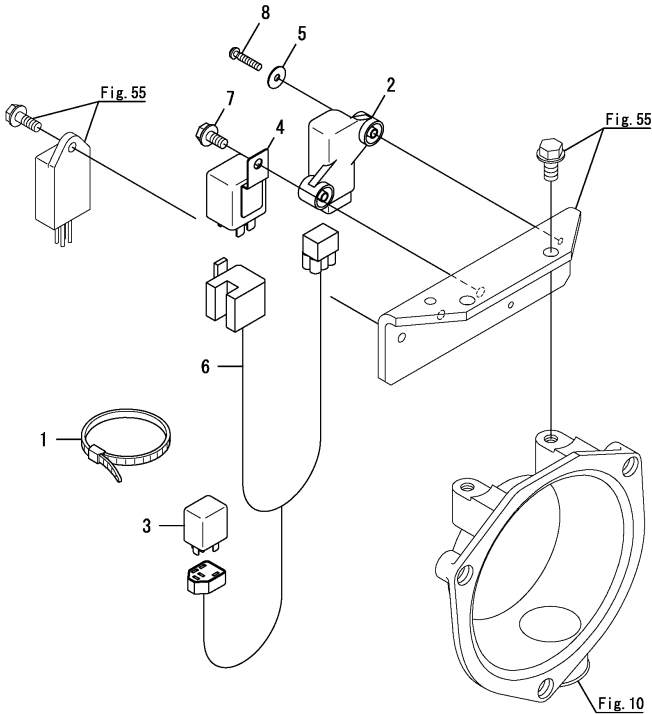
(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	1	119175-91510	SWITCH, TURN OVER	1							
3	1	119175-91560	ISOLATOR	2							
4	1	119175-91600	SUPPORT, ISOLATOR	2							
5	1	119175-91630	BRACKET, SWITCH A	1							
6	1	119175-91640	BRACKET, SWITCH B	1							
7	1	119175-91650	BRACKET, SWITCH C	1							
8	1	119773-91850	RELAY, DC12V	1							
9	1	119775-99020	WIRING FOR SW.	1							
9-1	1	119775-99021	HARNESS, SWITCH	1							N
(A=E/#2976)											
10	1	119775-99140	BRACKET,D SW.	1							
14	1	22217-040000	WASHER, SPRING 4	2							
15	1	23297-140081	CLAMP, A14X 8	1							
15-1	1	23297-100081	CLAMP, A10X8	1							N
(A=E/#2976)											
16	1	26106-060122	BOLT, M6X 12 PLATED	2							
18	1	26106-080162	BOLT, M8X 16 PLATED	1							
19	1	26106-080202	BOLT, M8X 20 PLATED	3							
20	1	26557-040062	SCREW, M4X 6	2							
21	1	26557-040202	SCREW, M4X20	2							
22	1	29621-300000	BAND, TR300	5							

Remarks
* Refer to Fig.65.

Fig.65. TURNOVER SWITCH(SOLAS)(OPTIONAL)(FROM E/#2977)



(A)=6LPA-STP2
(B)=6LPA-STZP2
(C)=6LPA-STZP3

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121750-59890	BAND, NYLON	1							
2	1	119175-91510	SWITCH, TURN OVER	1						W	
(A=E/#2977)											
3	1	119773-91850	RELAY, DC12V	1							
4	1	124617-91850	RELAY, MR5A 12V	1							
5	1	119574-99020	WASHER	2							
6	1	119775-99021	HARNESS, SWITCH	1							
7	1	26106-060082	BOLT, M6X 8 PLATED	1							
8	1	26557-040252	SCREW, M4X25	2							

Remarks
* Fig.55 No.2-1 & 33-1 interchangeable by set.

Parts No. Index

Parts No.	Fig. No.	Ref. No.
104200-92350	57	3
104264-59030	8	41
105430-67110	55	1
114354-39600	56	3
114973-13950	9	16
	59	8
119005-77350	19	5
	61	4
119172-07540	6	18
119172-48010	9	23
	59	3
119172-48130	8	27
	12	4
	13	23
	38	25
119172-48190	7	11
	46	5
	47	14
	63	15
119172-48250	7	12
	34	5
	47	15
	63	16
		17
		18
119172-48280	25	7
119172-48350	9	21
	59	9
119172-48410	9	22
	31	20
	32	19
	59	10
	60	6
119172-48480	31	7
		10
		19
		29
	32	9
		20
		29
	33	9
	60	1
		7
119172-48540	31	8
		12
		13
		24
	32	10
		14

Parts No.	Fig. No.	Ref. No.
119172-48540	32	21
	60	8
	62	8
		25
119175-13200	62	19
119175-13220	62	21
119175-13301	9	34
119175-13320	9	35
119175-13700	9	30
119175-13800	9	15
	59	2
119175-33320	22	21
119175-33330	22	22
119175-33340	22	19
119175-33350	22	20
		23 -1
119175-33360	22	23
119175-33370	22	24
119175-33390	22	25
119175-42620	27	8
119175-49550	9	20
	59	15
119175-91510	64	2
	65	2
119175-91560	64	3
119175-91600	64	4
119175-91630	64	5
119175-91640	64	6
119175-91650	64	7
119187-49321	34	7
119574-18250	11	2
119574-18700	11	3
119574-18790	10	7
	58	4
119574-18910	11	5
119574-44150	22	2
		26
	30	2
	42	2
	46	13
	58	2
		3
119574-44180	22	3
	30	4
119574-44560	13	15
119574-44600	30	9
119574-44621	30	10
119574-99020	65	5
119575-77050	43	1
119575-77510	55	5

Parts No.	Fig. No.	Ref. No.
119578-77140	43	3
119578-77450	62	12
		29
119578-77680	51	5
119578-91351	51	6
119593-18480	13	19
119593-18800	11	4
119593-18880	8	30
119593-39450	43	11
	47	8
119593-39690	25	4
119593-49080	9	39
	31	5
		22
	32	5
		12
		27
	62	10
		27
119595-44600	13	21
119620-49290	10	23
	22	12
	30	11
119620-77470	50	3
119620-79250	50	11
119620-79290	50	20
119620-79350	50	24
119770-00030	2	30
119770-00040	15	12
119770-00070	15	14
119770-00110	1	3
119770-00130	18	5
119770-00160	2	3
119770-00201	2	27
119770-00230	5	2
119770-00250	20	2
119770-00260	20	4
119770-00270	20	5
119770-00280	20	6
119770-00292	18	2
119770-00300	18	8
119770-00310	18	9
119770-00320	18	13
119770-00340	17	3
119770-00360	18	28
119770-00381	18	29
119770-00410	17	38
119770-00420	17	34
119770-00430	17	35
119770-00440	17	36

Parts No.	Fig. No.	Ref. No.
119770-00620	5	9
119770-00630	5	10
119770-00651	21	2
119770-00660	21	3
119770-00670	23	5
119770-00680	23	8
119770-00692	23	9
119770-00710	23	10
119770-00730	28	2
119770-00740	28	3
119770-00750	28	8
119770-00781	38	12
119770-00910	39	11
119770-00920	39	12
119770-01010	20	4 A
119770-01020	20	4 B
119770-01030	20	4 C
119770-01040	20	4 D
119770-01180	20	14
	58	13
119770-01200	5	14
119770-01210	2	7
	27	27
119770-01220	2	8
119770-01230	15	5
119770-01240	2	34
119770-01250	2	35
119770-01260	2	36
119770-02000	58	23
119770-02010	20	11
119770-02020	58	8
119770-02031	18	30
	58	24
119770-02041	18	31
	58	25
119770-02050	20	15
	58	26
119770-02060	20	16
	58	27
119770-90020	2	23
119770-90070	15	7
119770-90080	15	9
119770-90090	2	31
119770-90100	2	32
119770-90110	15	15
119770-90160	18	19
119770-90250	2	6
119770-90260	23	11
119770-90270	2	11
119770-90280	2	12

Parts No. Index

Parts No.	Fig. No.	Ref. No.
119770-90290	2	13
119770-90320	2	18
119770-90330	2	19
119770-90350	2	28
119770-90370	5	3
119770-90380	5	4
		11
119770-90390	5	5
		12
119770-90400	5	6
119770-90410	5	7
119770-90440	18	3
119770-90450	18	10
119770-90460	18	11
119770-90470	18	14
119770-90480	18	15
119770-90490	18	16
119770-90500	18	17
119770-90510	17	4
119770-90520	18	20
119770-90530	18	21
119770-90540	18	22
119770-90550	18	23
119770-90560	17	37
119770-90611	5	13
119770-90620	23	2
119770-90630	14	7
	21	4
	23	15
	28	4
119770-90650	23	16
119770-90660	23	17
119770-90670	23	18
	38	19
119770-90680	23	19
119770-90690	23	20
119770-90700	23	21
119770-90710	23	22
119770-90720	23	23
119770-90730	23	24
119770-90740	14	5
	23	25
119770-90750	23	26
119770-90800	28	5
119770-90810	28	6
119770-90860	14	6
119770-90890	37	16
119770-90900	37	17
119770-90930	38	20
	42	8

Parts No.	Fig. No.	Ref. No.
119770-90960	39	14
119770-90990	1	4
119770-91020	5	15
119770-91040	17	39
119770-91050	28	9
119771-00012	15	2
119771-00031	15	18
119771-00041	15	13
119771-00051	17	6
119771-00060	2	2
119771-00071	2	14
119771-00081	2	17
119771-00101	2	22
119771-00131	18	24
119771-00141	18	25
119771-00151	18	26
119771-00160	18	27
119771-00170	17	27
119771-00190	17	29
119771-00201	17	30
119771-00211	17	8
119771-00221	17	9
119771-00230	17	10
119771-00240	17	13
119771-00250	17	17
119771-00261	17	18
119771-00271	17	19
119771-00280	17	20
119771-00290	17	21
119771-00320	1	6
119771-00330	1	8
119771-00340	38	21
119771-00351	38	8
119771-00360	38	9
119771-00370	38	10
119771-00390	39	10
119771-00401	15	10
119771-00411	15	10 A
119771-00421	15	10 B
119771-00430	17	28
119771-00440	16	2
119771-00450	17	2
119771-01270	2	37
119771-02010	15	19
	58	28
119771-02020	15	20
	58	29
119771-02030	58	30
119771-02040	58	31
119771-02050	58	5

Parts No.	Fig. No.	Ref. No.
119771-10040	1	1
119771-90050	15	4
119771-90060	15	3
119771-90070	15	8
119771-90080	15	16
119771-90110	2	4
119771-90120	2	5
		24
119771-90130	2	15
119771-90140	2	10
119771-90160	2	25
119771-90170	17	31
119771-90180	17	32
119771-90190	17	11
119771-90200	17	14
119771-90210	17	15
119771-90230	17	23
119771-90240	17	24
119771-90250	17	25
119771-90260	23	13
119771-90290	38	13
119771-90300	38	14
119771-90310	38	15
119771-90320	38	16
119771-90330	38	17
119771-90340	39	13
119771-90350	20	10
119773-01580	2	39
119773-01590	2	20
119773-01600	3	1
119773-03011	7	1
119773-03012	7	1 -1
	63	1
119773-03021	7	2
119773-03022	7	2 -1
	63	2
119773-03031	7	3
119773-03032	7	3 -1
	63	3
119773-03190	7	6
119773-03191	7	6 -1
119773-03200	7	7
119773-03251	7	9
	63	13
119773-03271	7	10
	63	14
119773-03301	7	8
	63	12
119773-07210	16	3
119773-07280	6	3

Parts No.	Fig. No.	Ref. No.
119773-07350	6	5
119773-08200	4	3
119773-08250	48	1
119773-08300	4	8
	62	38
119773-08310	4	12
119773-08330	4	9
		13
	62	39
119773-08340	4	10
		14
	62	40
119773-08350	4	11
		15
	62	41
119773-13010	13	10
119773-13100	13	1
119773-13160	13	3
119773-13200	13	4
119773-13250	9	1
		10
		25
	62	1
		22
		33
119773-13300	9	2
		11
		27
	62	2
		23
		34
119773-13501	9	12
	62	35
119773-18100	10	1
119773-18121	10	22
119773-18160	10	11
119773-18181	10	12
119773-18210	11	1
119773-18250	8	28
119773-18320	10	5
119773-18330	10	4
119773-18340	10	3
119773-18350	10	6
119773-18360	10	10
119773-18410	10	14
119773-18520	56	1
119773-18530	12	1
119773-18540	12	2
119773-18560	12	3
119773-18701	8	25

Parts No. Index

Parts No.	Fig. No.	Ref. No.
119773-18730	8	26
119773-18850	8	29
119773-21510	19	4
119773-28010	19	1
119773-28600	19	3
119773-33050	22	7
119773-33060	22	6
119773-33070	22	4
119773-33080	22	5
119773-34400	5	28
119773-34600	5	23
119773-34621	5	24
119773-34770	5	25
119773-34810	5	16
119773-34821	5	22
119773-34950	5	27
119773-39610	25	2
119773-39671	25	3
119773-39801	56	5
119773-39820	25	5
119773-42500	27	1
119773-42510	58	9
119773-42520	27	21
119773-42550	27	4
119773-42570	27	6
119773-42580	58	10
119773-42590	58	11
119773-42600	27	7
119773-42650	27	2
119773-44011	30	1
119773-44051	30	3
119773-44060	30	7
119773-44071	30	5
119773-44080	30	6
119773-44150	30	8
119773-44450	33	1
119773-44500	13	20
119773-49030	31	28
119773-49090	31	18
119773-49110	33	2
119773-49140	33	4
119773-49180	31	32
119773-49200	33	7
119773-49250	34	1
119773-49280	34	3
119773-49300	34	9
119773-49320	34	10
119773-49350	34	4
119773-49400	58	18
119773-49420	58	19

Parts No.	Fig. No.	Ref. No.
119773-49440	58	20
119773-49460	58	17
119773-49540	29	1
119773-49550	29	2
119773-49570	29	3
119773-49990	34	8
119773-51810	37	11
119773-51910	37	3
119773-51920	37	4
119773-51930	37	5
	38	30
119773-51940	37	6
119773-51960	37	8
119773-51970	37	9
119773-51980	37	10
119773-55620	41	12
119773-55700	41	1
119773-55710	41	3
119773-55760	42	3
	46	14
119773-55770	42	9
119773-55830	42	1
119773-55870	42	10
	46	15
119773-55890	42	11
	46	16
119773-59101	40	1
119773-59123	42	4
119773-67101	44	2
119773-67150	44	3
119773-67220	44	4
119773-77010	49	1
119773-77030	49	49
119773-77200	50	1
119773-77201	50	1 -1
119773-77210	50	2
119773-77220	50	4
119773-77230	50	9
119773-77240	50	10
119773-77270	50	13
119773-77280	50	23
119773-77290	50	25
119773-77320	50	31
119773-77340	45	5
	50	32
119773-77350	50	33
119773-77500	55	17
119773-77551	55	2
119773-77552	55	2 -1
119773-77800	55	18

Parts No.	Fig. No.	Ref. No.
119773-85500	48	5
119773-85520	48	4
119773-85550	48	2
119773-91011	56	9
119773-91021	56	10
119773-91040	56	11
119773-91050	56	2
119773-91132	52	1
119773-91141	52	13
119773-91163	53	1
119773-91172	53	15
119773-91193	54	1
119773-91221	54	15
119773-91231	53	9
	54	9
119773-91240	52	6
119773-91250	52	2
	53	2
	54	2
119773-91261	52	5
119773-91281	53	8
	54	8
119773-91301	55	15
119773-91400	55	8
119773-91501	55	19
119773-91600	55	27
119773-91650	55	28
119773-91700	55	29
119773-91800	58	7
119773-91850	55	9
	24	
	64	8
	65	3
119773-92600	58	1
119775-01650	3	5
119775-01670	3	6
119775-03060	63	5
119775-03071	63	6
119775-03080	63	7
119775-03150	7	5
	63	8
119775-03161	63	9
119775-07251	6	11
119775-07280	6	19
119775-07420	6	10
119775-07520	6	21
119775-08101	4	1
119775-08111	4	2
119775-08210	4	4
119775-08220	4	7

Parts No.	Fig. No.	Ref. No.
119775-08230	4	16
119775-11340	17	41
	58	6
119775-12102	14	2
119775-12150	14	3
119775-18150	8	1
119775-22160	20	8
119775-28500	19	2
119775-33000	22	1
		15
119775-33060	22	17
119775-33070	22	18
119775-33100	22	16
119775-33151	22	8
119775-33170	22	9
119775-33200	22	10
119775-33650	22	11
119775-35060	23	30
119775-35080	23	28
119775-39121	24	1
119775-39141	24	2
119775-48640	31	4
	32	1
		30
	62	9
		26
119775-49010	31	1
	32	2
119775-49020	31	27
119775-49040	31	3
	32	26
119775-49060	31	2
	32	3
119775-49080	31	17
119775-49090	31	16
119775-49120	33	3
119775-49150	33	6
119775-49160	31	11
	32	16
119775-49170	31	31
119775-49220	33	8
119775-49260	34	2
119775-49360	31	14
119775-49370	31	15
119775-49750	31	9
119775-49780	62	11
		28
119775-51950	37	7
119775-51980	37	1
119775-53180	38	2

Parts No. Index

Parts No.	Fig. No.	Ref. No.
119775-53181	38	2 -1
119775-53280	38	3
119775-53290	38	4
119775-53291	38	4 -1
119775-53920	38	6
119775-55600	41	11
119775-59310	39	3 -1
119775-59320	39	4 -1
119775-59330	39	5 -1
119775-59340	39	6 -1
119775-59350	39	7 -1
119775-59360	39	8 -1
119775-59540	38	22
119775-59551	38	23
119775-59560	38	24
119775-59803	39	3
119775-59813	39	4
119775-59823	39	5
119775-59833	39	6
119775-59843	39	7
119775-59853	39	8
119775-77070	43	2
119775-77260	50	30
119775-77450	51	1
119775-77460	51	2
119775-77470	51	3
119775-77490	51	4
119775-77570	55	3
119775-77640	43	4
119775-77850	43	5
119775-77860	43	6
119775-99020	64	9
119775-99021	64	9 -1
	65	6
119775-99140	64	10
119778-07500	6	9
119778-08200	3	3
119778-08350	3	4
119778-08502	4	18
119778-13301	9	3
	62	3
119778-13311	9	4
	62	4
119778-13330	9	6
	62	6
119778-13370	9	7
	62	7
		24
119778-13550	9	28
119778-13640	9	37

Parts No.	Fig. No.	Ref. No.
119778-13650	9	45
119778-21500	61	3 -1
119778-21510	19	6
119778-26400	47	1
119778-26401	47	1 -1
119778-26410	47	2
119778-26411	47	2 -1
119778-26500	45	1
119778-26511	41	17
119778-26620	46	1
119778-26650	47	3
119778-26660	47	4
119778-26670	40	8
	47	12
119778-26700	47	5
	58	15
119778-26710	47	6
	58	16
119778-26750	46	2
119778-26800	47	7
119778-48620	9	38
119778-49040	9	44
119778-49070	9	17
119778-49080	9	18
119778-49200	9	19
	32	18
	59	13
119778-49780	31	23
	32	13
119778-49800	9	41
	31	25
	32	22
119778-67200	13	31
119778-67201	13	31 -1
119778-77813	55	4
119778-85500	48	8
119778-91500	55	26
119779-01610	3	2
119779-01611	3	2 -1
119779-07430	6	17
119779-08101	4	19
119779-08111	4	20
119779-08350	3	11
119779-13640	59	1
119779-21510	61	3
119779-26551	45	3
119779-48620	9	38 -1
	32	25
119779-49040	9	44 -1
	32	28

Parts No.	Fig. No.	Ref. No.
119779-49050	32	4
119779-49090	32	6
119779-49100	32	7
119779-49120	59	11
119779-49130	59	12
119779-49150	32	15
119779-49160	32	15 -1
119779-49170	32	17
119779-49190	60	9
119779-49200	60	10
119779-49210	60	11
119779-49220	60	12
119779-49230	60	13
119779-49300	45	4
119779-49530	60	2
119779-49540	60	3
119779-49550	59	4
119779-49590	32	8
119779-49710	60	14
119779-49910	60	15
119787-26100	45	13
119787-26520	46	7
119787-26540	45	2
119787-26550	47	10
119787-26561	47	11
119787-42550	27	14
119787-42570	27	3
		15
120130-39990	26	2
120147-91760	54	14
120324-07240	6	1
120445-44640	13	7
		22
120650-42630	32	32
	60	5
120661-81050	61	1
121236-77340	50	29
121250-49110	42	12
	46	3
121252-39150	25	1
121575-91250	53	13
121750-59890	40	7
	55	30
	56	7
	65	1
121855-59880	40	2
122210-92601	57	4
123482-39670	56	4
123482-91291	52	11
	53	14

Parts No.	Fig. No.	Ref. No.
123482-91291	54	17
123658-18910	8	32
123682-07852	6	7
123958-77450	50	22
123958-77720	50	16 -1
123958-79200	50	5
123958-79210	50	6
123958-79220	50	7
123958-79230	50	8
123958-79260	50	14
123958-79270	50	15
123958-79300	50	21
123958-79310	50	19
123958-79320	50	18
123958-79330	50	12
123958-79350	50	17
123958-79360	50	26
123958-79370	50	27
123958-79380	50	28
124060-39452	55	12
124070-77950	55	7
124413-39100	26	1
124616-91370	43	7
124617-91850	65	4
124617-91980	52	4
	53	4
	54	4
124617-91990	52	14
	53	16
	54	16
124770-77940	55	6
124790-44560	13	16
127610-03150	46	12
127610-03270	9	36
	59	7
127610-91221	55	14
127610-91350	55	16
127616-11960	13	18
127620-91250	54	11
127672-07100	6	20
127687-91870	52	7
	53	17
	54	20
127687-91880	52	16
	53	12
	54	19
127688-77340	44	14
127692-91410	52	30
	53	35
	54	40

Parts No. Index

Parts No.	Fig. No.	Ref. No.
127692-91440	52	10
	53	36
	54	41
127692-91450	52	12
	53	10
	54	18
127692-91900	54	42
127692-91950	54	43
127695-49430	8	35
128170-13600	9	29
128170-86501	44	12
128170-91160	55	13
128296-07190	6	12
128296-07260	6	2
128296-07300	6	4
128296-07360	6	6
128296-07400	6	13
128296-07420	6	14
128296-07450	6	15
128296-07460	6	16
128391-91440	52	23
128391-91640	52	22
128391-91700	52	15
128391-91740	52	24
128391-91930	52	18
129107-44590	13	6
129170-91610	52	25
	53	30
	54	34
129170-91650	52	8
	53	11
129170-91930	53	20
129171-44600	13	5
129198-59540	12	5
129470-91191	52	9
	53	7
	54	7
129495-59561	56	6
129574-77740	55	41 -1
129574-77750	55	39
129574-77760	55	40
129574-77770	55	41
129574-77980	55	23
129574-91210	53	5
	54	5
129574-91222	53	6
	54	6
129574-91240	54	10
129574-91311	54	23
129574-91420	52	20

Parts No.	Fig. No.	Ref. No.
129574-91420	53	22
	54	26
129574-91430	53	25
	54	29
129574-91440	53	28
	54	32
129574-91490	54	12
129574-91530	54	49
129574-91540	54	50
129574-91550	54	51
129574-91561	55	21
129574-91570	55	22
129574-91600	54	38
129574-91620	52	19
	53	21
129574-91630	54	25
	53	24
	54	28
129574-91640	53	27
	54	31
129574-91650	52	29
	53	34
	54	39
129574-91710	52	26
	53	31
129574-91720	54	35
	52	21
	53	23
129574-91730	54	27
	53	26
	54	30
129574-91740	53	29
	54	33
129574-91750	52	27
	53	32
129574-91760	54	36
	52	17
	53	18
129574-91770	54	21
	52	28
	53	33
129574-91870	54	37
	52	3
	53	3
129574-91880	54	3
	54	13
129574-91890	53	19
	54	22
129574-91930	54	24
129574-91960	54	44

Parts No.	Fig. No.	Ref. No.
129574-91970	54	45
129670-42520	27	5
144626-91570	55	20
148633-92350	57	10
160870-78700	44	15
177040-09050	57	1
177523-80110	48	11
177523-80120	48	12
177523-80130	48	13
183350-55130	55	42
189010-92020	57	2
194250-51660	47	9
		13
196346-34860	46	8
196350-23010	61	1 -1
196630-12980	6	8
22113-100000	59	5
22117-080000	9	43
	10	19
	13	32
22117-100000	31	6
	32	24
	62	13
22117-120000		30
	2	38
	8	38
22117-140000	13	8
	22	14
	27	22
22117-080000	55	31
	3	7
	5	17
22117-100000	25	6
	30	14
	37	18
22117-140000	49	50
	50	39
	56	13
22137-080000	27	24
	9	31
	56	18
22137-100000	45	6
22190-120002	40	3
22190-120006	5	21
22190-140002	40	4
		5
22190-270002	42	13
	10	15
	13	34
22213-080000	27	18

Parts No.	Fig. No.	Ref. No.
22213-080000	50	40
22217-040000	64	14
22217-050000	44	17
22217-100000	2	40
	27	23
	55	32
22217-120000	49	52
22522-050160	27	10
23000-019000	42	5
23000-028000	58	21
23000-054000	9	40
23010-013000	13	17
23297-060081	13	24
23297-100081	64	15 -1
23297-140081	64	15
23297-350121	31	21
23414-080000	12	6
23414-080012	8	36
	13	25
	14	10
23414-100000	8	34
	25	8
23414-100014	56	15
23414-120000	25	9
	56	16
23414-120016	5	18
23414-130000	9	14
	62	14
23414-140018		37
	46	17
	14	11
23414-180000	14	12
23414-200000	43	8
	56	17
23851-060000	8	37
23857-030000	13	26
23857-060000	25	10
23857-080000	40	6
23871-030000	33	5
23876-010000	55	25
23876-030000	33	14
23887-100002	56	19
23887-180002	14	13
23887-200002	14	9
23893-010002	8	33
23893-020002	9	13
	62	15
24190-230001		36
	63	19
24311-000200	24	3

Parts No. Index

Parts No.	Fig. No.	Ref. No.
24321-000350	33	10
24321-000650	27	11
24341-000100	5	26
24351-010110	45	14
26022-050162	44	1
26106-060082	65	7
26106-060122	7	4
	55	33 -1
	63	4
	64	16
26106-060162	43	12
	55	33
26106-060202	55	10
26106-060252	46	9
26106-080122	9	8
		32
	13	27
	34	6
	62	16
26106-080142	5	19
	7	13
	63	20
26106-080162	9	9
		33
	13	9
	14	8
	33	11
	42	6
	43	13
	44	18
	46	4
	55	11
	58	22
	62	17
		31
	64	18
26106-080182	32	31
	41	13
		18
	45	7
	48	10 -1
	60	4
	63	21
26106-080202	24	4
	29	4
	33	12
	42	14
	43	10
	46	6
	64	19

Parts No.	Fig. No.	Ref. No.
26106-080222	13	33
26106-080252	10	20
	46	10
	51	7
26106-080302	42	15
	44	9
		16
26106-080352	50	34
26106-080402	41	14
26106-080502	33	13
26106-080552	50	38
26106-080602	13	28
26106-080702	61	2
26106-100162	60	16
26106-100182	16	4
	48	10
26106-100202	48	9
26106-100222	25	11
	60	17
26106-100252	48	7
	61	2 -1
26106-100302	4	5
	48	3
		6
26106-100502	22	13
	55	36
26106-100802	32	11
26106-100952	50	35
26106-101102	4	6
26106-120202	37	12
26106-120252	37	13
26116-081652	10	21
26116-120452	49	51
26136-100252	10	13
	30	12
	33	15
	45	8
		9
26136-100302	45	10
26136-100352	4	17
26136-100602	45	12
	50	36
26156-120202	5	20
	25	12
	56	8
26156-120302	30	13
26156-120352	3	8
26156-120402	3	9
	50	37
26156-120502	3	10

Parts No.	Fig. No.	Ref. No.
26203-080602	27	17
26203-080702	27	16
26213-100252	8	39
	13	12
26223-100252	13	11
26226-080652	10	17
26226-080752	10	18
26306-080002	9	24
		26
	10	16
	42	7
	45	15
	46	18
	51	8
	59	14
26306-100002	55	37
26366-060002	55	38
26376-100002	2	41
26376-120002	45	11
26453-100302	59	6
26556-060122	54	47
26557-040062	64	20
26557-040202	64	21
26557-040252	65	8
26559-060122	54	46
26703-100002	8	31
26706-100002	8	40
26716-060002	46	11
	54	48
	55	34
26716-080002	9	42
	31	26
	32	23
	41	15
	56	12
	62	18
		32
26716-100002	55	35
26716-120002	37	14
26736-100002	27	12
26736-140002	27	13
26756-080002	41	16
	56	14
28110-100130	57	6
28110-120140	57	7
28110-170190	57	8
28110-220240	57	9
28120-002000	57	5
29621-300000	64	22
29622-250001	43	9

Parts No.	Fig. No.	Ref. No.
29622-250001	47	9 -1
	63	22
41710-000410	44	10
41710-001300	44	11
41730-000681	44	13
43230-556830	13	13
43530-500610	27	19
43662-030031	27	20
719775-22110	20	12
	58	12
977780-01200	36	1
977780-01210	35	1
977780-01230	35	2
	36	2
977780-01240	36	3
977780-01250	35	3
977780-03000	35	9
	36	9
X0044021509	35	7
	36	7
X0225002201	13	14
X0280210250	49	11
X0280625790	49	26
X0280630030	49	28
X0280650250	49	16
X0281003001	49	2
X0282001780	49	3
X0283005381	49	7
X0283060070	49	27
X0283270160	49	10
X0283270171	49	24
X0283711500	49	23
X0283716640	49	14
X0283810071	49	13
X0285017860	49	22
X0285100500	49	21
X0534040240	49	18
X0534497181	49	44
X0534497510	49	45
X0535050290	49	17
X0535117630	49	41
X0535137770	49	46
X0536600443	49	20
X0536807770	49	48
X0719005370	41	5
X0719240010	41	7
X0860620180	41	10
X0861001400	41	2
X0862202820	41	8
X0932490090	38	5

Parts No. Index

Parts No.	Fig. No.	Ref. No.
X0960200180	38	31
X1260001940	50	16
X1280995160	49	6
X1280995610	49	40
X1284018620	49	37
X1534002321	49	15
X179100011X	36	5
X179100021X	35	5
X179100100X	35	6
	36	6
X199903800X	35	8
	36	8
X211810030	10	8
X214320104	10	9
X8636008003	35	4
	36	4
X9017010061	49	29
X9025810001	49	47
X9080210070	41	6
X9080240360	41	4
X9147005121	41	9
X9490065080	49	36
X9490076530	49	33
X9490076850	49	39
X9490119320	49	43
X9490200600	49	25
X9490423741	49	31
X9490441912	49	32
X9490474440	49	19
X9490505650	49	42
X9490564480	49	30
X9490721120	49	12
X9490721130	49	9
X9491001750	49	5
X9491001930	49	4
X9491200240	49	35
X9491704030	49	8
X9491704040	49	38
X9491704070	49	34
XJD532012	8	21
XNH261604	8	5
XNH261605	8	4
XNH361206	8	24
XNH361400	8	2
XNH361401	8	3
XNH362112	8	8
XNH362709	8	16
XNH362802	8	18
XNH362803	8	19
XNH362809	8	15

Parts No.	Fig. No.	Ref. No.
XNH362809	8	24 B
XNH362810	8	17
XNH363001	8	9
XNH363051	8	10
XNH364405	8	11
XNH364606	8	7
XNH365303	8	14
XNH365311	8	24 A
XNH365418	8	13 A
XNH369101	8	13
XNH733104	8	12
XNH964771	8	20
XNH978931	8	22
XNN171110	8	6
XNN976562	8	23

Parts No.	Fig. No.	Ref. No.
-----------	----------	----------

Parts No.	Fig. No.	Ref. No.
-----------	----------	----------