



PARTS CATALOG

Introduction

1. This parts catalog contains the previous information on the 4JH4-TE as well as the new one on the 4JH4-HTE.

	Parts catalog No.	Date of issue	Remarks
First edition	000Y00R6360	Dec. , 2005	No need
1st edition(supplement)	000Y00R6361	Aug. , 2006	

2. This parts catalog does not covers the reduction reverser and outdrive.
Please refer to the separate parts catalog, (NO. 000Y00R3002 KM4A2 or 000Y00R4790 KMH4A or 000Y00F5762 SD50), 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	4JH4-TE			4JH4-HTE		
Type	4-stroke, vertical, water-cooled, diesel engine					
No. of cylinder - Bore(mm) x Stroke(mm)	4 - 88 x 90					
Continuous rating kW/min ⁻¹	50. 2/3101			73. 6/3101		
Combustion system	Direct injection					
Starting system	Electric starting 12V-1.4kW					
Power take-off position	Flywheel side					
Cooling system	Fresh water (Filtered sea water) cooling					
Lubricating system	Forced lubrication					
Reduction reverser	SD50	KM4A2			KMH4A	
Reduction ratio	—	1.47	2.14	2.63	2.04	2.45

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

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

Directions for the Parts Catalog.

- 1.The parts stipulated in this Parts Catalog are not necessarily standard equipped parts.
- 2.Parts may change without prior notice.
- 3.The following is an example of the Parts Catalog format.

OCF10-G21601

29. FUEL INJECTION PUMP(W/BOOST)

①

REF.

②

LEV.

PARTS NO.

DESCRIPTION

(A)=4JH-DT
(B)=4JH-DTZ
(C)=4JH-DTZP

(D)=4JH-DTZA
(E)=4JH-DTZY
(F)=

Q'TY

(A) (B) (C) (D) (E) (F)

③

I

⑤

R

1	1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1		1
1-1	1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1		N 1
		(A=E00185) (B=E00200)								
3	2	26022-060162	SCREW M 6X 16	9	9	9	9	9		
3-1	④	2 26022-060162	SCREW M 6X 16	4	4	4	4	4		K
		(A=E00156) (B=E00156) (C=E00156) (D=E00156) (E=E00156)								
4	2	129470-51040	CAMSHAFT	1	1	1	1	1		
5	2	122710-51050	BEARING, ROLLER	2	2	2	2	2		
6	2	129470-51060	RETAINER	1	1	1	1	1		

Remarks

(1) BOOST COMPENSATOR TYPE. OPTIONAL PART, TO E00155,(4JH-DT, 4JH-DTZ

① Ref. No.

The Ref. No. listed may not be in accordance with the illustration Ref. No.

(Ex.) Illustration No.

List Ref No.

1

1

(Before change)

1-1

(After change)

For interchangeable symbols N, R and K, illustrations for new parts may be abbreviated.

② Lev. (Level)

Level indication

The numbers below indicate the level of relativity towards the main part.

1 ---- Main parts (Assembly parts)

2 ---- Sub component included in " 1 ".

3 ---- Sub component included in " 2 ".

Note) Parts that are not for sale are partially illustrated but not listed.

③ Interchangeability Mark

When a part change takes place, one of the following interchangeability symbols is indicated beside the part.

Symbol	Interchangeability	Contents note
N	Old $\xrightarrow{\text{Yes}}$ New $\xrightarrow{\text{No}}$	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\xrightarrow{\text{No}}$ New $\xrightarrow{\text{Yes}}$	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\xrightarrow{\text{Yes}}$ New $\xrightarrow{\text{Yes}}$	New/ Old Parts are both interchangeable.
S	Old $\xrightarrow{\text{No}}$ New $\xrightarrow{\text{No}}$	New/ Old Parts are both not interchangeable.
W		Part newly added.
Z		Part discontinued.
F		Not interchangeable by a single part but interchangeable together with related parts.
K		Changes only for used parts quantities.

④ Effective Machine No.

When a part changes, the effective Machine No. will be indicated in the (A)-(F) column.

Product Symbol	Product No.	Product Symbol	Product No.
C	Clutch No. Compressor No.	F	Machine No. (Agricultural Equip.)
D	Drive No.	M	Machine No.
E	Engine No.		

Note 1) A date may follow the symbol. (Ex.) 1996.01

Note 2) "XXXXX" and "ZZZZZ" are for parts that could not be predicted or for engine models that could not be identified.

Note 3) (A=E00185) is the E (Engine Serial Number) for the column (A) model (in this case 4JH-DT) after the parts design change.

⑤ Remarks Mark

Figures or alphabets (symbols) are entered in the remarks column.

The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

CONTENTS

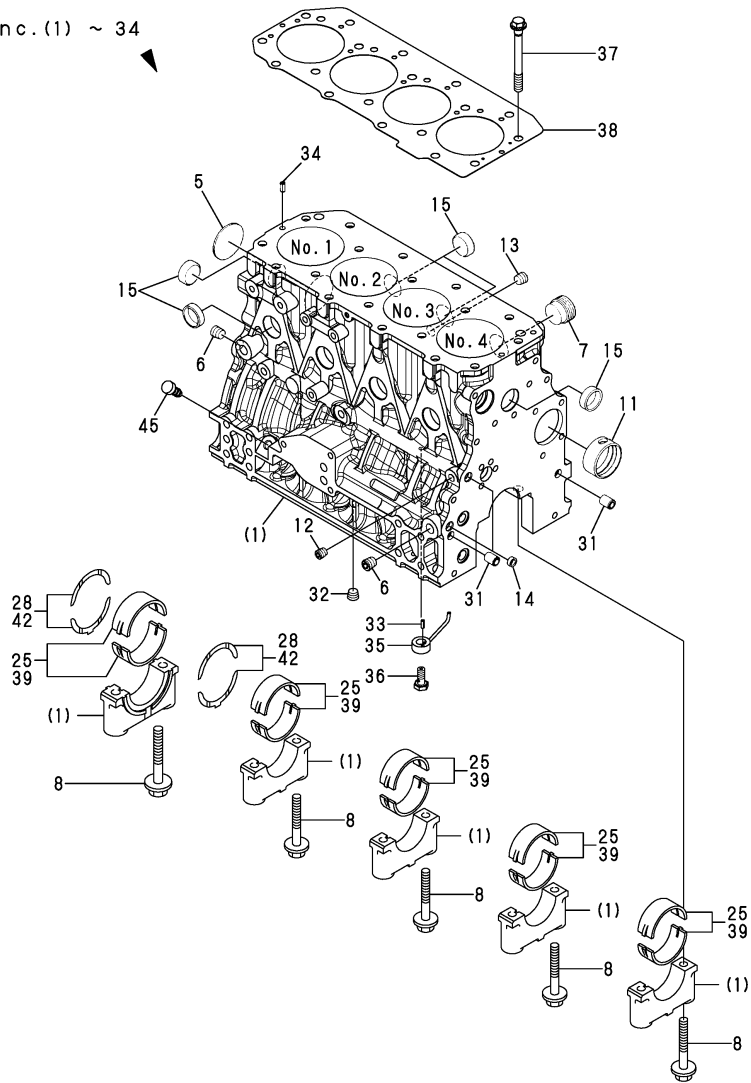
MODEL : 4JH4-(H)TE
PC NO : 0CR10-G63601

Fig.No.	GROUP NAME
4JH4-(H)TE	
1.	CYLINDER BLOCK
2.	GEAR HOUSING
3.	FLYWHEEL HOUSING
4.	MOUNTING FOOT
5.	LUB.OIL SUMP
6.	LABEL
7.	CYLINDER HEAD
8.	BONNET
9.	SUCTION MANIFOLD
10.	MIXING ELBOW
11.	TURBOCHARGER(4JH4-TE)
12.	TURBOCHARGER(4JH4-HTE)
13.	AIR COOLER
14.	CAMSHAFT & DRIVING GEAR
15.	CRANKSHAFT & FLYWHEEL
16.	PISTON & CONNECTING ROD
17.	LUB.OIL SYSTEM
18.	LUB.OIL PIPE
19.	COOLING SEA WATER PUMP
20.	COOLING FRESH WATER PUMP
21.	COOLING FRESH WATER COOLER
22.	COOLING SEA WATER PIPE(4JH4-TE)
23.	COOLING SEA WATER PIPE(4JH4-HTE)
24.	COOLING FRESH WATER PIPE
25.	C.S.W.STRAINER(OPTIONAL)
26.	BILGE PUMP(STD/OPTIONAL)
27.	BILGE PUMP(DX/OPTIONAL)
28.	FUEL INJECTION PUMP
29.	FUEL INJECTION VALVE

Fig.No.	GROUP NAME
30.	FUEL INJECTION PIPE
31.	FUEL PIPE & FUEL STRAINER
32.	FUEL TANK(OPTIONAL)
33.	CABLE SUPPORT
34.	CLUTCH
35.	COUPLING(OPTIONAL)
36.	STARTING MOTOR
37.	GENERATOR
38.	GENERATOR(60A/OPTIONAL)
39.	V-BELT COVER
40.	V-BELT COVER & GENERATOR ATTACHMENT PART(OPTIONAL)
41.	GENERATOR(130A) & GENERATOR ATTACHMENT PART(OPTIONAL)
42.	WIRE HARNESS & SENSOR
43.	INSTRUMENT PANEL(B-TYPE/OPTIONAL)
44.	INSTRUMENT PANEL(C-TYPE/OPTIONAL)
45.	TOOL
46.	GASKET SET(OPTIONAL)

Fig.1. CYLINDER BLOCK

1inc.(1) ~ 34

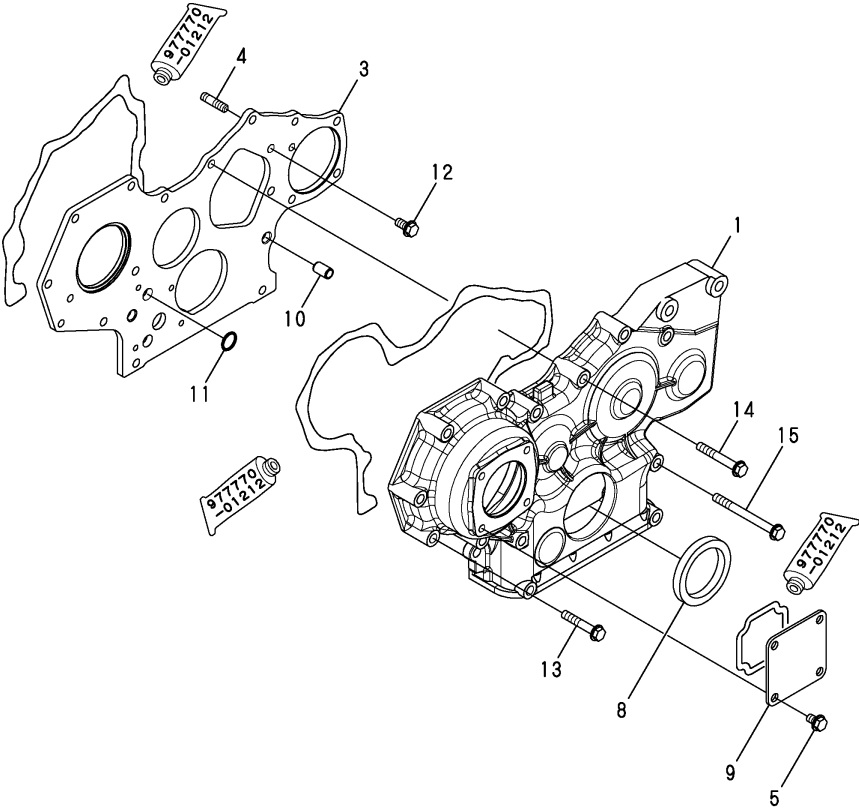


Remarks
(1)UNDER SIZED(U.S.=0.25)PART.
(2)OVER SIZED(O.S.=0.25)PART.
(3)REPAIR PART.

OCR10-G63601 1. CYLINDER BLOCK

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729671-01560	BLOCK ASSY, CYLINDER	1	1						
5	3	129001-01250	PLUG, 50	1	1						
6	3	124160-01910	PLUG, PT1/4	2	2						
7	3	171051-01921	PLUG, NPTF1	1	1						
8	3	129150-02020	BOLT, METAL CAP	10	10						
11	3	129795-02411	BUSH, CAMSHAFT A	1							
11-1	3	129795-02412	BUSH, CAMSHAFT A	1	1						N
(A=*2006.06)											
12	3	23876-010000	PLUG PT1/8,SCREW	1	1						
13	3	23876-030000	PLUG PT3/8,SCREW	1	1						
14	3	27241-120000	PLUG, 12	2	2						
15	3	27241-300000	PLUG 30	8	8						
25	2	129001-02930	MAIN BEARING SET	5							3
25-1	2	129001-02931	MAIN BEARING SET	5	5						N 3
(A=*2006.06)											
28	2	129150-02930	BEARING, THRUST	2							
28-1	2	129150-02931	METAL ASSY, THRUST	2	2						N
(A=*2006.06)											
31	2	129795-01950	PIPE, KNOCK	2	2						
32	2	124160-01910	PLUG, PT1/4	1	1						
33	2	22351-030010	SPRING PIN 3X10	4	4						
34	2	22351-060012	SPRING PIN 6X12	2	2						
35	1	129553-39650	NOZZLE, COOLING	4	4						
36	1	23857-030000	JOINT BOLT 3	4	4						
37	1	129150-01200	BOLT, CYLINDER HEAD	18	18						
38	1	129693-01341	GASKET, HEAD	1	1						
39	1	129150-02870	MAIN METAL US=0.25	5							1
39-1	1	129150-02871	MAIN METAL US=0.25	5	5						N 1
(A=*2006.06)											
42	1	129150-02940	BEARING, THRUST.25OS	1							2
42-1	1	129150-02941	BEARING, THRUST.25OS	1	1						N 2
(A=*2006.06)											
45	1	124976-34850	CAP	1	1						

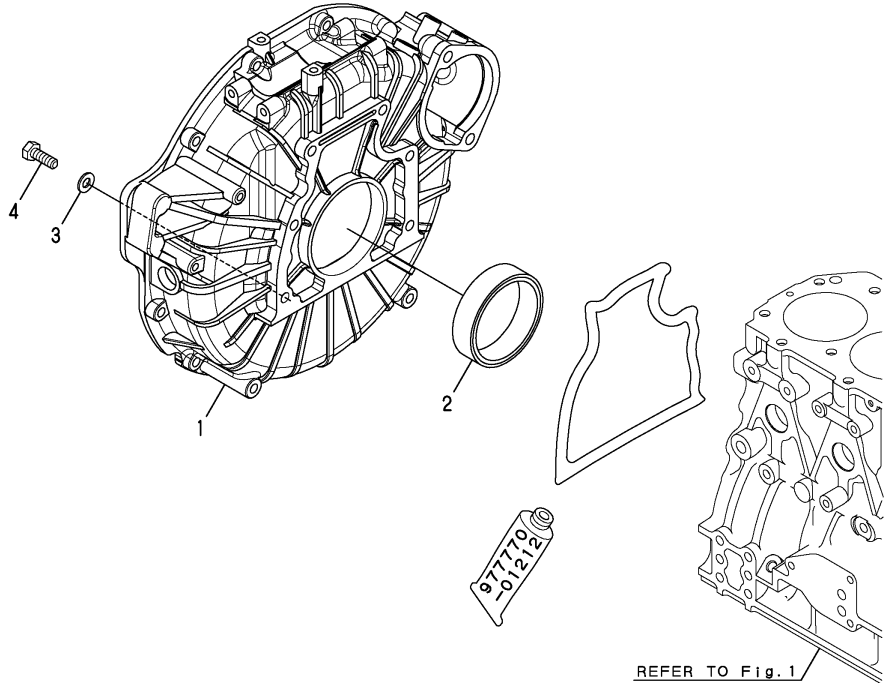
Fig.2. GEAR HOUSING



OCR10-G63601 2. GEAR HOUSING

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129673-01520	HOUSING, GEAR	1	1						
3	1	129693-01520	FLANGE, GEAR CASE	1	1						
4	1	121450-01560	STUD, M8X22	1	1						
5	1	124550-01590	BOLT, M8X16	4	4						
8	1	129795-01800	SEAL, OIL	1	1						
9	1	124240-01871	COVER, PUMP	1	1						
10	1	129795-01950	PIPE, KNOCK	2	2						
11	1	24311-000160	O-RING 1A P-16.0	2	2						
12	1	26106-080162	BOLT M 8X 16 PLATED	3	3						
13	1	26106-080452	BOLT M 8X 45 PLATED	2	2						
14	1	26106-080552	BOLT M 8X 55 PLATED	3	3						
15	1	26106-080852	BOLT M 8X 85 PLATED	4	4						

Fig.3. FLYWHEEL HOUSING



OCR10-G63601 3. FLYWHEEL HOUSING

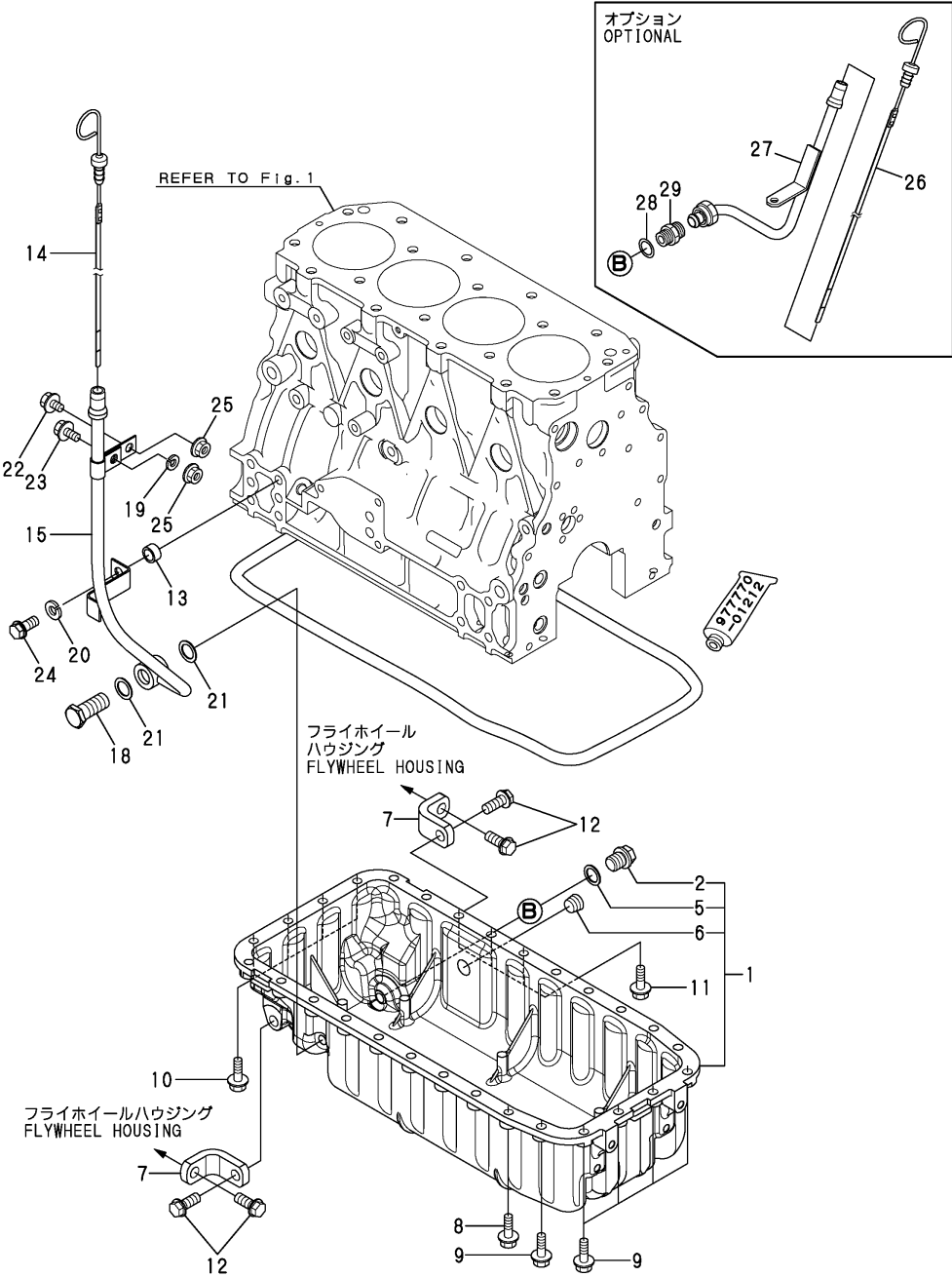
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129673-01620	HOUSING, FLYWHEEL	1	1						
2	1	129795-01780	SEAL, OIL	1	1						
3	1	22137-100000	WASHER 10,POLISHED	6	6						
4	1	26206-100302	BOLT M10X30	6	6						



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

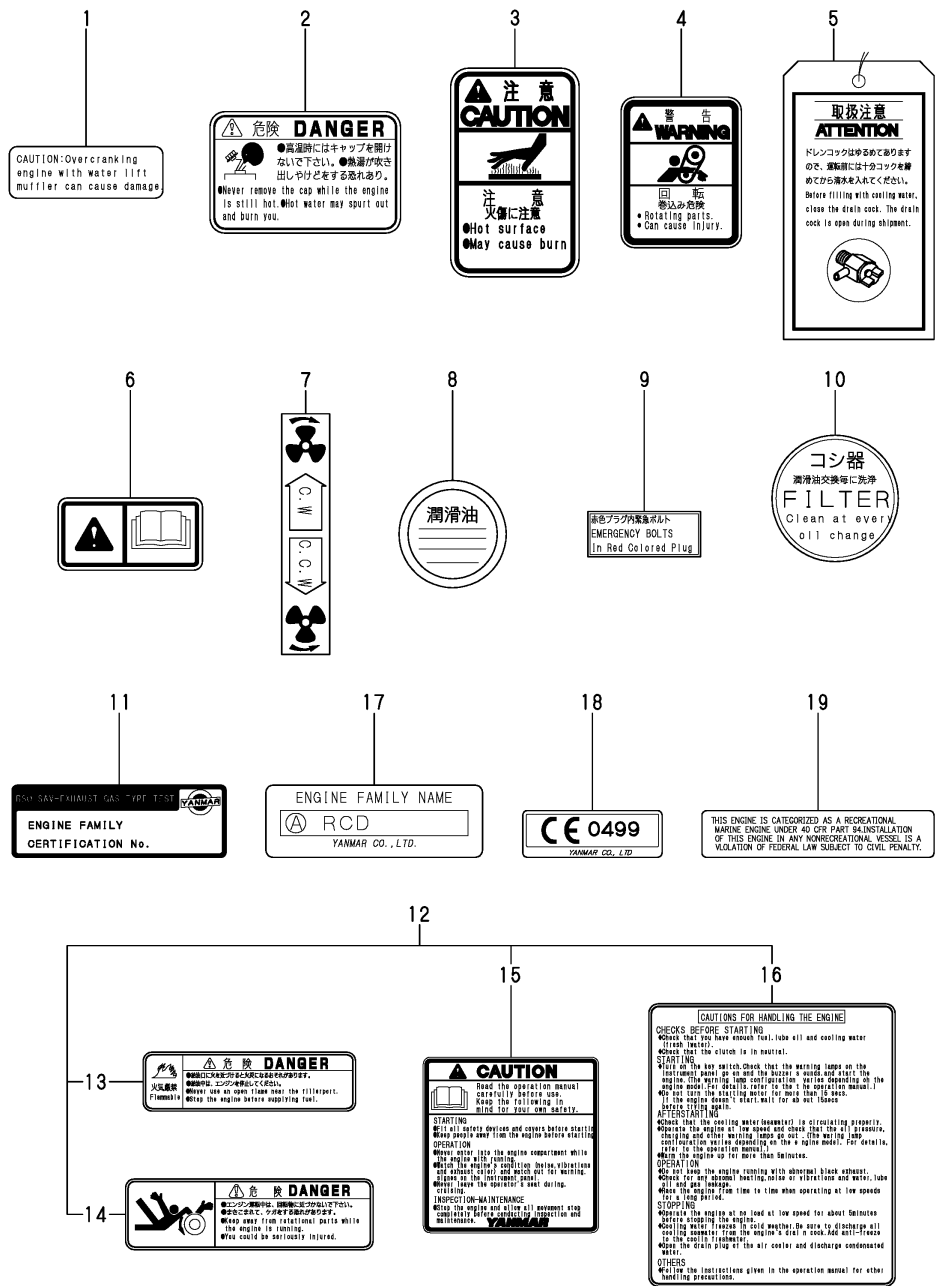
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.5. LUB.OIL SUMP



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129673-01700	SUMP ASSY, LUB.OIL	1	1						
2	2	105425-01690	PLUG, M16	1	1						
5	2	22190-160002	WASHER, 16	1	1						
6	2	23875-030000	PLUG PT3/8,STEEL	1	1						
7	1	129470-01710	BRACKET	2	2						
8	1	26106-080252	BOLT M 8X 25 PLATED	16	16						
9	1	26106-080252	BOLT M 8X 25 PLATED	6	6						
10	1	26106-080252	BOLT M 8X 25 PLATED	4	4						
11	1	26106-080452	BOLT M 8X 45 PLATED	2	2						
12	1	26106-100252	BOLT M10X 25 PLATED	4	4						
13	1	129301-34830	SPACER	1	1						
14	1	129473-34850	LEVEL GAUGE	1	1						
15	1	129473-34880	GUIDE, DIPSTICK	1	1						
18	1	104214-39720	BOLT, PIPE JOINT	1	1						
19	1	22217-080000	WASHER, 8	1	1						
20	1	22217-100000	SPRING WASHER 10	1	1						
21	1	23414-160000	GASKET 16, ROUND	2	2						
22	1	26106-080122	BOLT M 8X 12 PLATED	1	1						
23	1	26106-080162	BOLT M 8X 16 PLATED	1	1						
24	1	26106-100222	BOLT M10X 22 PLATED	1	1						
25	1	26306-080002	NUT, M8	2	2						
26	1	129670-34810	DIPSTICK, LUB. OIL	1	1						
27	1	129570-34880	GUIDE, DIPSTICK	1	1						
28	1	23414-160000	GASKET 16, ROUND	1	1						
29	1	23831-100000	UNION	1	1						

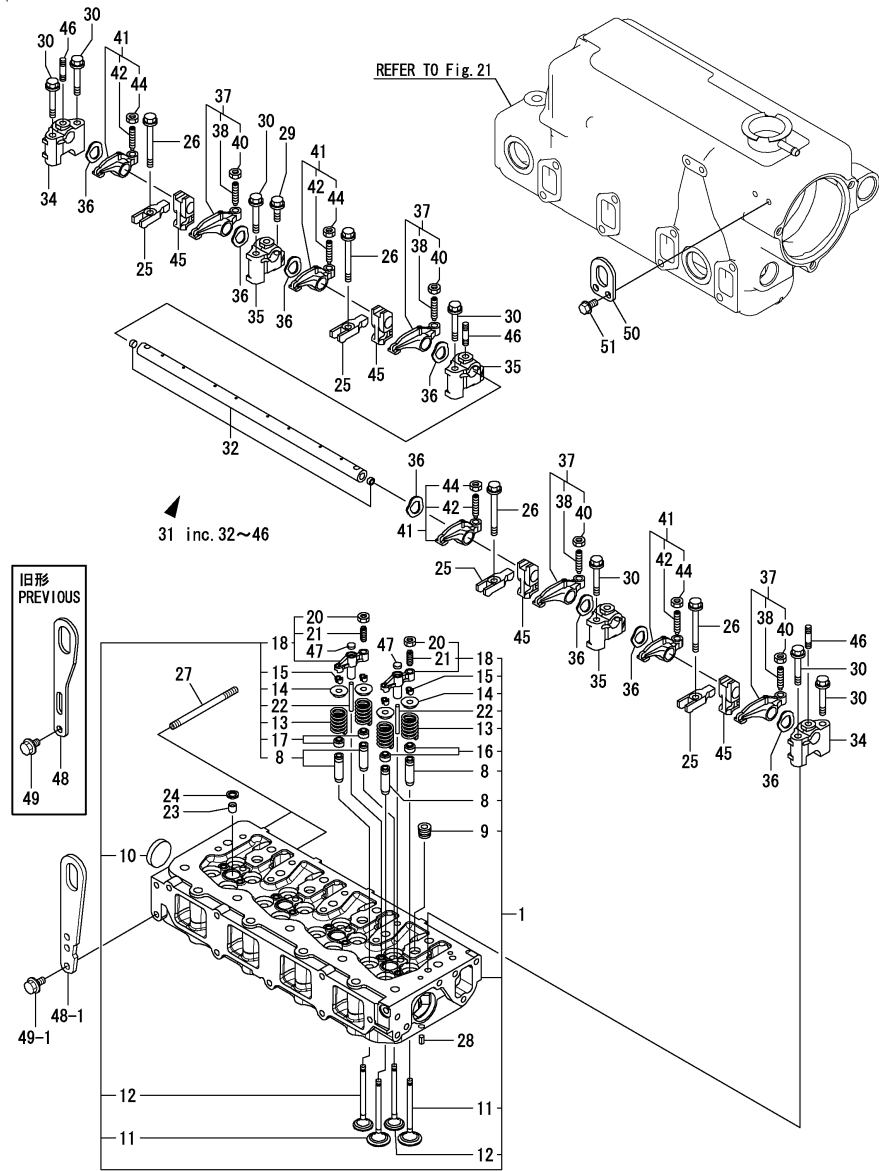
OCR10-G63601
Fig.6. LABEL



OCR10-G63601 6. LABEL

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128377-07150	LABEL, CAUTION	1	1						
2	1	128377-07260	LABEL, PRESSURE CAP	1	1						
3	1	128377-07270	LABEL	1	1						
4	1	128377-07350	LABEL, CAUTION	1	1						
5	1	123682-07852	LABEL, CW. TANK	1	1						
6	1	196630-12980	LABEL, CAUTION	1	1						
7	1	177073-02431	LABEL, DIRECTION	1	1						
8	1	177050-02811	LABEL	1	1						
9	1	177061-02811	LABEL, EMERGENCY BOLT	1	1						
10	1	177050-02821	LABEL, STRAINER	1	1						
11	1	129671-07570	LABEL, BSO2	1							
11A	1	129672-07570	LABEL, BSO2		1						
12	1	128377-07190	LABEL, LOOSE PARTS	1	1						
13	2	128377-07400	LABEL, DANGER	2	2						
14	2	128377-07420	LABEL, DANGER	1	1						
15	2	128377-07450	LABEL, CAUTION	1	1						
16	2	128377-07460	LABEL, CAUTION	1	1						
17	1	129671-07420	LABEL, RCD	1							
17A	1	129672-07420	LABEL, RCD		1						
18	1	119172-07540	LABEL, RCD-CE	1	1						W
(A)*2006.05											
19	1	129670-07100	LABEL, RECREATIONAL		1						

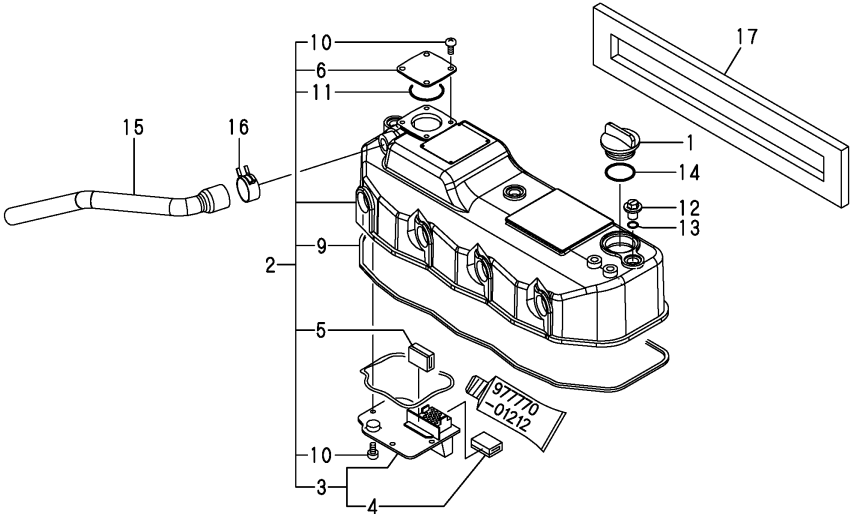
Fig.7. CYLINDER HEAD



Remarks
(1)REPAIR PART.
(2)APPLICATION IS PARTS OF DISCONTINU-
-ANCE.
PLEASE DO NOT USE.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129671-11700	HEAD ASSY, CYLINDER	1							
1A	1	129672-11700	HEAD ASSY, CYLINDER		1						
8	3	119717-11800	GUIDE, VALVE	16	16						1
9	3	23876-020000	PLUG PT1/4,SCREW	4	4						
10	3	27241-400000	PLUG 40	2	2						
11	2	129672-11100	VALVE, INTAKE	8	8						
12	2	129672-11110	VALVE, EXHAUST	8	8						
13	2	129508-11130	SPRING, VALVE	16	16						
14	2	129508-11180	RETAINER, SPRING	16	16						
15	2	119717-11190	COTTER	32	32						
16	2	119717-11340	SEAL, VALVE STEM	8	8						
17	2	119717-11350	SEAL, VALVE STEM	8	8						
18	2	129672-11510	BRIDGE ASSY, VALVE	8	8						
20	3	129150-11750	NUT, M8	8	8						
21	3	123907-11830	ADJUSTER, BRIDGE	8	8						
22	2	129508-11820	GUIDE, VALVE BRIDGE	8	8						
23	1	119802-11870	PROTECTOR, NOZZLE	4	4						
24	1	119625-11880	SEAT, NOZZLE	4	4						
25	1	129508-11900	RETAINER, NOZZLE	4	4						
26	1	129907-11950	BOLT, M8X75	4	4						
27	1	129693-44300	STUD, COOLER	2	2						
28	1	22351-060012	SPRING PIN 6X12	2	2						
29	1	26106-080252	BOLT M 8X 25 PLATED	3	3						
30	1	26106-080502	BOLT M 8X 50 PLATED	7	7						
31	1	129508-11241	SHAFT ASSY, ROCKER	1	1						
32	2	129508-11250	SHAFT, ROCKER ARM	1	1						
34	2	129508-11260	SUPPORT, ARM A	2	2						
35	2	129508-11270	SUPPORT, ARM B	3	3						
36	2	129508-11280	WASHER	8	8						
37	2	129508-11650	ARM KIT, ROCKER	4	4						
38	3	129150-11230	SCREW, VALVE ADJUST	4	4						
40	3	129150-11750	NUT, M8	4	4						
41	2	129508-11660	ARM KIT, ROCKER	4	4						
42	3	129150-11230	SCREW, VALVE ADJUST	4	4						
44	3	129150-11750	NUT, M8	4	4						
45	2	129508-11920	PEDESTAL, RETAINER	4	4						
46	2	26226-080352	STUD M 8X 35 PLATED	3	3						
47	1	123907-11550	SEAT, VALVE BRIDGE	8	8						
48	1	124736-07900	LIFTER, ENGINE	1	1						Z 2
(A=*2009.05) (B=*2009.05)											
48-1	1	129671-07900	LIFTER, ENGINE	1	1						N
(A=*2009.05) (B=*2009.05)											
49	1	26106-080142	BOLT 8X 14 PLATED	2	2						
49-1	1	26106-080162	BOLT M 8X 16 PLATED	2	2						N
(A=*2009.05) (B=*2009.05)											
50	1	129470-07230	LIFTER, ENGINE	1	1						
51	1	26106-080162	BOLT M 8X 16 PLATED	2	2						

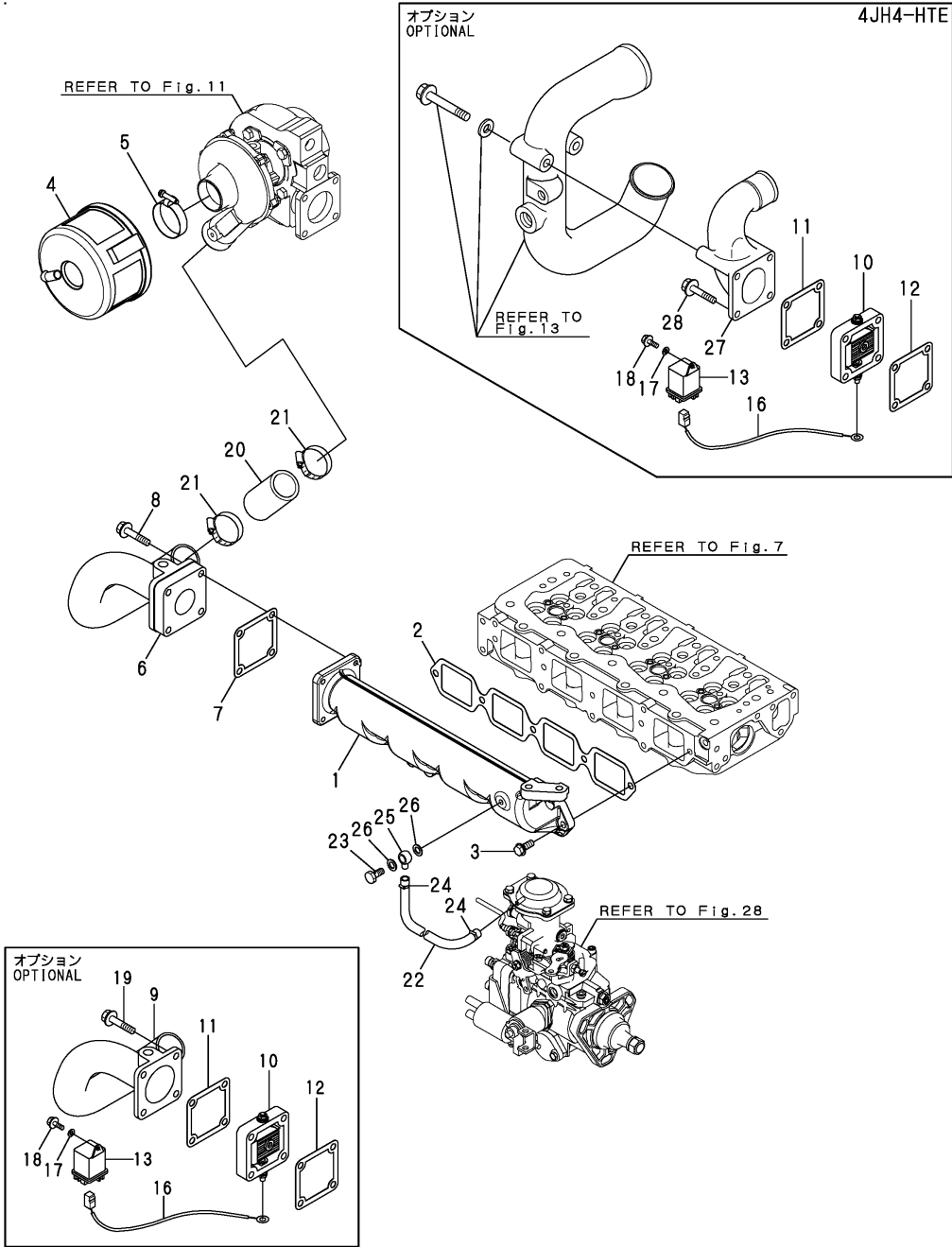
0CR10-G63601
Fig.8. BONNET



0CR10-G63601 8. BONNET

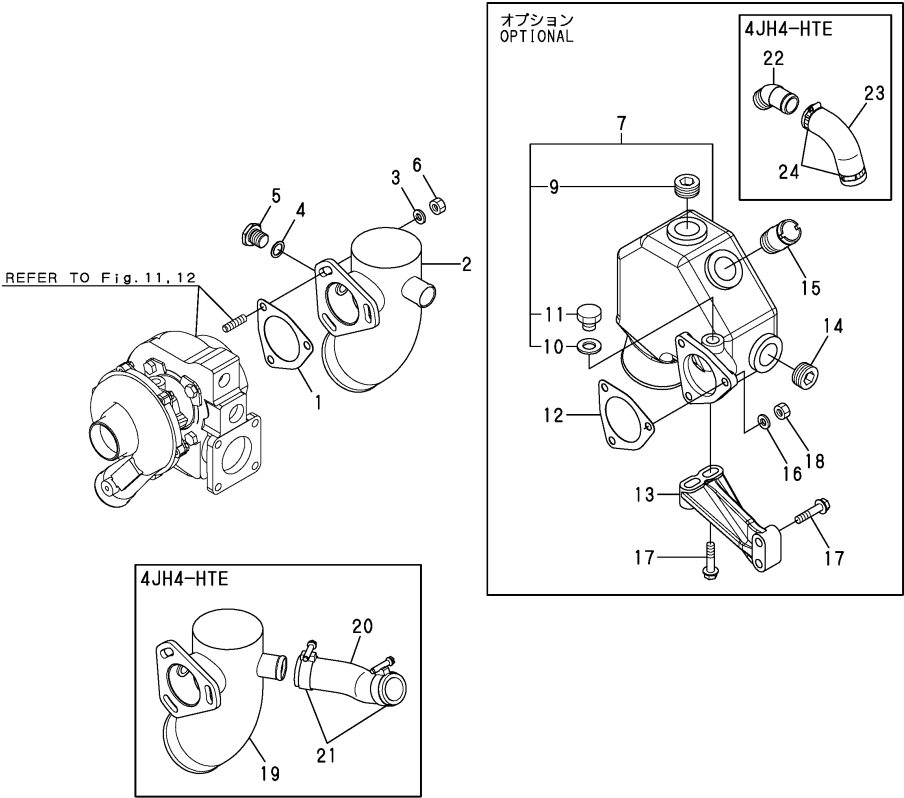
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124160-01751	COVER, FILLER	1	1						
2	1	129508-11350	BONNET ASSY, HEAD	1	1						
3	2	129508-03010	PLATE, BAFFLE	1	1						
4	3	119802-03070	BAFFLE, BREATHER	1	1						
5	2	129150-03070	BAFFLE, BREATHER	1	1						
6	2	129006-03120	COVER, DIAPHRAGM	1	1						
9	2	129508-11310	GASKET, BONNET	1	1						
10	2	22857-500100	SCREW, M5X10	8	8						
11	2	24341-000400	O-RING 1A S-40.0	1	1						
12	1	124160-11360	KNOB	3	3						
13	1	24311-000120	O-RING 1A P-12.0	3	3						
14	1	24311-000320	O-RING 1A P-32.0	1	1						
15	1	129671-03090	PIPE, BREATHER	1	1						
16	1	129410-03990	CLAMP 22	1	1						
17	1	129671-11900	ABSORBER, NOISE	1	1						

Fig.9. SUCTION MANIFOLD



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129671-12120	MANIFOLD, AIR INTAKE	1	1						
2	1	129671-12130	GASKET, MANIFOLD	1	1						
3	1	26106-080202	BOLT M 8X 20 PLATED	5	5						
4	1	129470-12301	SILENCER ASSY	1	1						
5	1	23000-054000	CLAMP 54	1	1						
6	1	129571-18130	DUCT, AIR	1							
7	1	129150-77511	GASKET, AIR HEATER	1							
8	1	26106-080402	BOLT M 8X 40 PLATED	4							
9	1	129571-18140	DUCT	1							
10	1	129100-77500	HEATER, AIR	1	1						
11	1	129100-77510	GASKET, AIR HEATER	1	1						
12	1	129150-77511	GASKET, AIR HEATER	1	1						
13	1	128990-77910	RELAY ASSY, GLOW	1	1						
16	1	129271-77921	HARNES, WIRE(HEATER	1	1						
17	1	22217-060000	SPRING WASHER 6	1	1						
18	1	26106-060082	BOLT M 6X 8 PLATED	1	1						
19	1	26106-080402	BOLT M 8X 40 PLATED	4							
20	1	129595-18141	HOSE, RUBBER	1							
21	1	23000-060000	CLAMP 60	2							
22	1	129693-18450	PIPE	1	1						
23	1	129198-59540	BOLT, JOINT M8	1	1						
24	1	23000-013000	CLAMP 13	2	2						
25	1	23387-040800	JOINT, HOSE	1	1						
26	1	23414-080000	GASKET 8, ROUND	2	2						
27	1	129474-18171	BEND		1						
28	1	26106-080402	BOLT M 8X 40 PLATED		2						

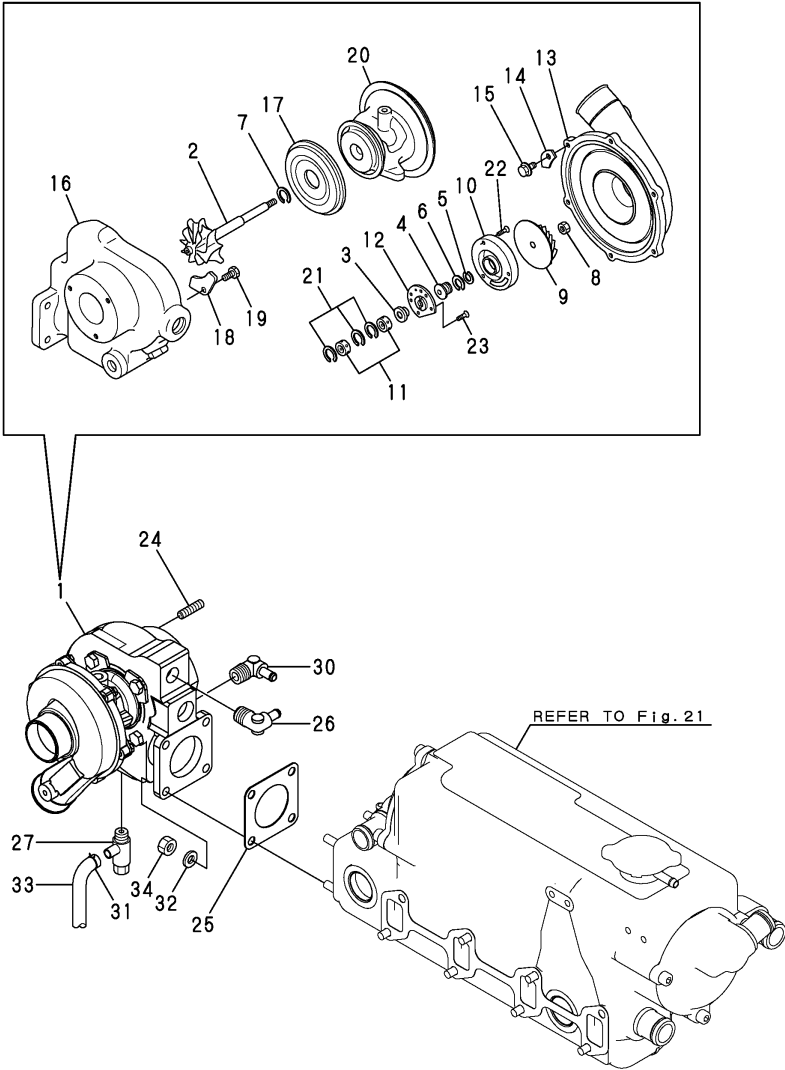
Fig.10. MIXING ELBOW



Remarks
(1)INTERCHANGEABLE BY SIMULTANSEOUS
REPLACEMENT WITH REF.NO.5-1.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129472-13520	GASKET	1	1						
2	1	129671-13551	ELBOW, WATER MIXING	1							
2-1	1	129671-13552	ELBOW, WATER MIXING	1						S	1
(A=EXXX)											
3	1	22137-080000	WASHER 8, POLISHED	3	3						
4	1	23414-130000	GASKET 13, ROUND	1	1						
5	1	23893-020002	PLUG PF1/4	1	1						
5-1	1	129671-13570	PLUG G 1/4A	1	1						N
(A=EXXX) (B=EXXX)											
6	1	26703-080002	NUT M 8	3	3						
7	1	129472-13501	ELBOW ASSY, MIXING	1	1						
9	2	129472-13560	PLUG PT3/4	1	1						
10	2	23414-130000	GASKET 13, ROUND	1	1						
11	2	23893-020002	PLUG PF1/4	1	1						
12	1	129472-13520	GASKET	1	1						
13	1	129472-13550	SUPPORT	1	1						
14	1	129472-13560	PLUG PT3/4	1	1						
15	1	123325-49421	JOINT, PIPE	1							
16	1	22137-080000	WASHER 8, POLISHED	3	3						
17	1	26106-080352	BOLT M 8X 35 PLATED	4	4						
18	1	26703-080002	NUT M 8	3	3						
19	1	129673-13551	ELBOW, WATER MIXING		1						
19-1	1	129673-13552	ELBOW, WATER MIXING		1					S	1
(B=EXXX)											
20	1	129673-49110	PIPE, WATER D		1						
21	1	129670-49500	CLIP, HOSE		2						
22	1	129673-49060	ELBOW, 45		1						
23	1	129673-49150	PIPE, COOLING WATER		1						
24	1	129670-49500	CLIP, HOSE		2						

Fig.11. TURBOCHARGER(4JH4-TE)

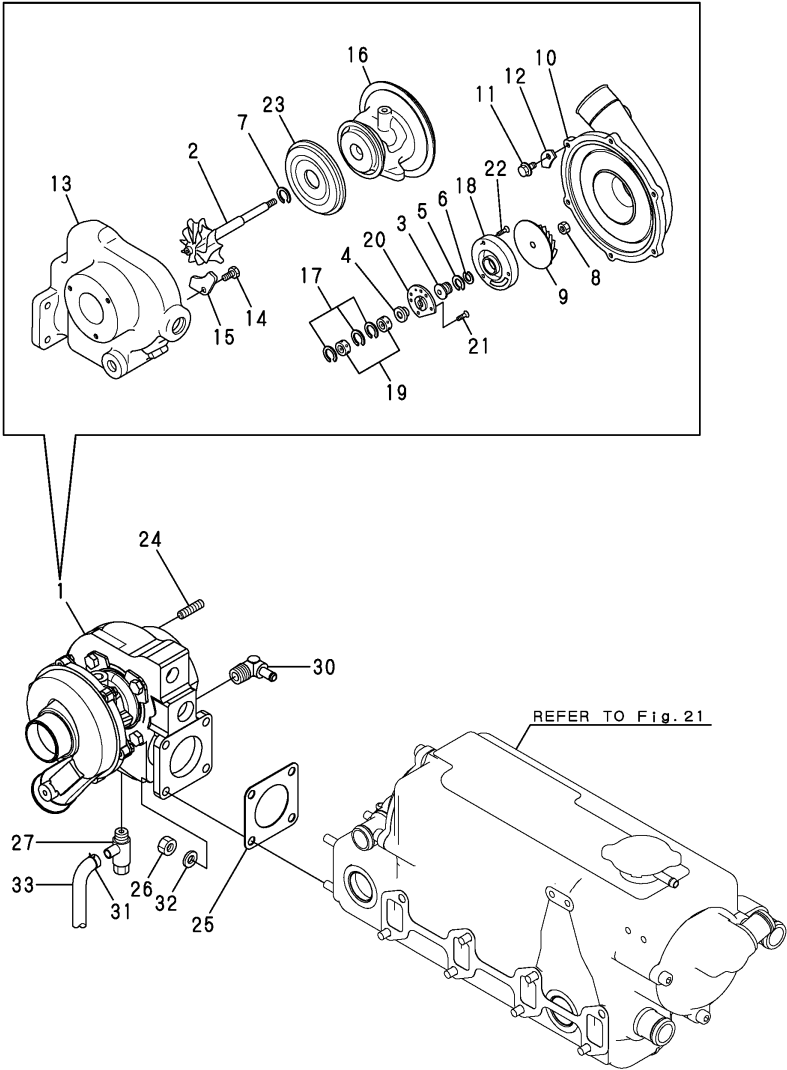


(A)=4JH4-TE
(B)=4JH4-HTE
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129671-18010	TURBOCHARGER	1							
2	2	XNN131614	SHAFT	1							
3	2	XNN131579	BUSH, THRUST	1							
4	2	XNN131578	SHELTER	1							
5	2	XNN131008	SEAL RING,BLOW.SIDE	1							
6	2	XNB131008	SEAL RING,BLOW.SIDE	1							
7	2	XNN131536	SEALING	1							
8	2	XNN131108	NUT	1							
9	2	XNN136617	IMPELLER	1							
10	2	XNN133021	SEAL PLATE	1							
11	2	XNN133506	METAL, FLOATING	2							
12	2	XNN133596	METAL, THRUST	1							
13	2	XNN133960	HOUSING,BLOWER	1							
14	2	XNN134035	RETAINER	6							
15	2	XNB134007	BOLT M 5	6							
16	2	XNE928722	HOUSING	1							
17	2	XNN137055	HEAT PROTECTOR	1							
18	2	XNN137423	RETAINER	5							
19	2	XNN137007	BOLT M8	5							
20	2	XNE923383	HOUSING,BEARING	1							
21	2	XNN133208	CIRCLIP	3							
22	2	XNB133208	SCREW(SEAL PLATE	3							
23	2	XNB133206	SCREW	4							
24	1	128170-13600	STUD	3							
25	1	129472-18090	GASKET	1							
26	1	104407-44480	JOINT	1							
27	1	129670-49290	COCK ASSY	1							
30	1	171007-49400	JOINT	2							
31	1	124460-77680	RETAINER	1							
32	1	22133-080000	WASHER 8	4							
33	1	23061-070300	PIPE 7X 300	1							
34	1	26703-080002	NUT M 8	4							

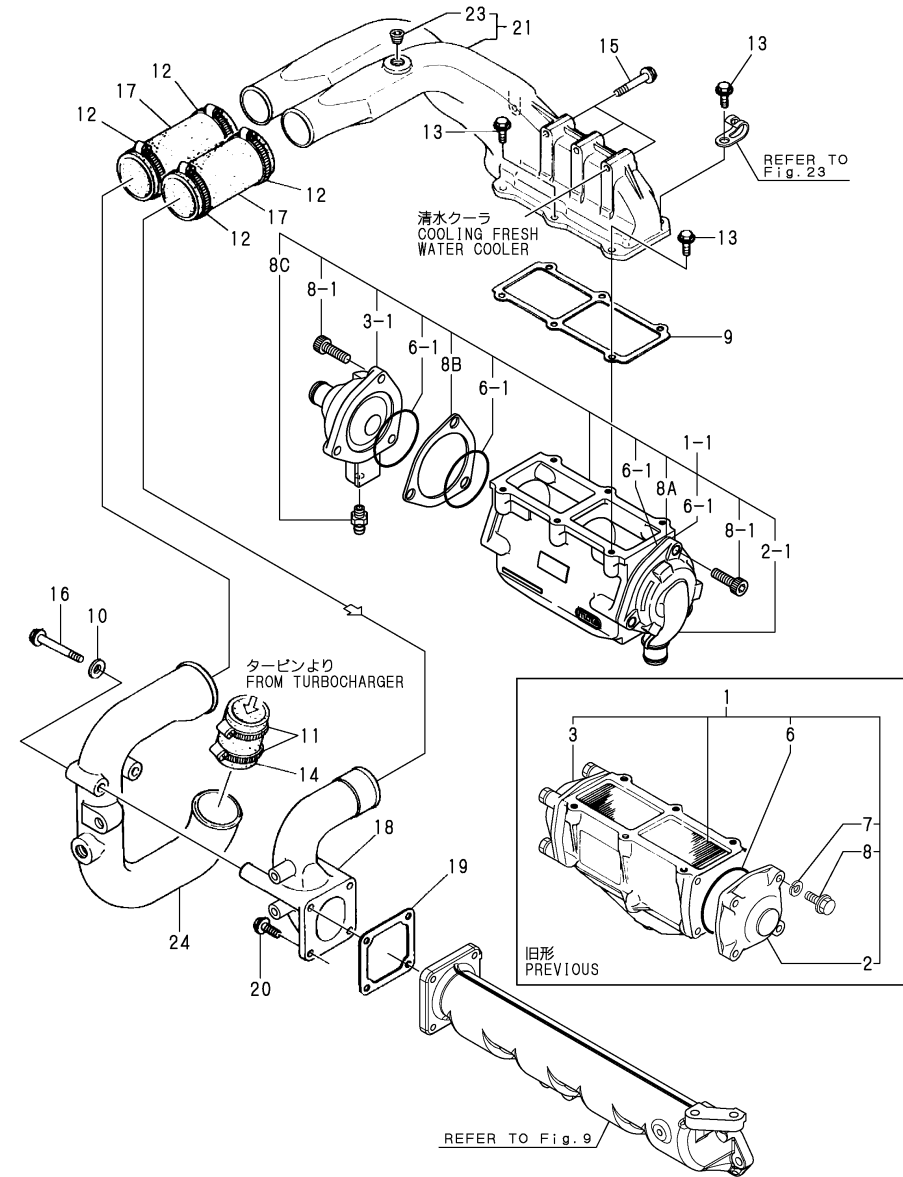
Fig.12. TURBOCHARGER(4JH4-HTE)



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129671-18001	T/C(-TE		1						
2	2	XNN131614	SHAFT		1						
3	2	XNN131578	SHELTER		1						
4	2	XNN131579	BUSH, THRUST		1						
5	2	XNB131008	SEAL RING,BLOW.SIDE		1						
6	2	XNN131008	SEAL RING,BLOW.SIDE		1						
7	2	XNN131536	SEALING		1						
8	2	XNN131108	NUT		1						
9	2	XNN136613	IMPELLER		1						
10	2	XNN133911	HOUSING,BLOWER		1						
11	2	XNB134007	BOLT M 5		6						
12	2	XNN134035	RETAINER		6						
13	2	XNE928727	HOUSING		1						
14	2	XNN137007	BOLT M8		5						
15	2	XNN137423	RETAINER		5						
16	2	XNE923383	HOUSING,BEARING		1						
17	2	XNN133208	CIRCLIP		3						
18	2	XNN133022	PLATE, SEAL		1						
19	2	XNN133506	METAL, FLOATING		2						
20	2	XNN133596	METAL,THRUST		1						
21	2	XNB133206	SCREW		4						
22	2	XNB133208	SCREW(SEAL PLATE		3						
23	2	XNN137055	HEAT PROTECTOR		1						
24	1	128170-13600	STUD		3						
25	1	129472-18090	GASKET		1						
26	1	26703-080002	NUT M 8		4						
27	1	129670-49290	COCK ASSY		1						
30	1	171007-49400	JOINT		2						
31	1	124460-77680	RETAINER		1						
32	1	22133-080000	WASHER 8		4						
33	1	23061-070300	PIPE 7X 300		1						

Fig.13. AIR COOLER

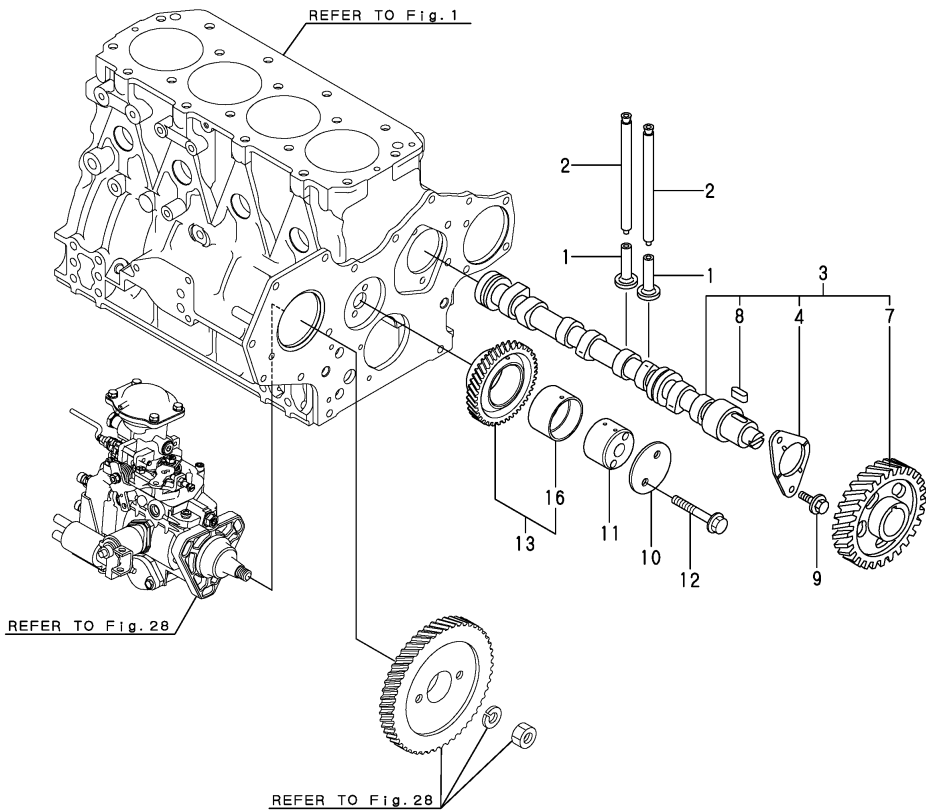
P/C NEWS No.:Y00R6361-1
PUBLISHED :2006/11



Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.FIG.23 NO.1-1

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129672-18100	COOLER ASSY, INTER		1						
1-1	1	129672-18110	COOLER ASSY, INTER		1					S	1
		(B=*2006.10)									
2	2	129673-18220	BOX, WATER A		1						
2-1	2	129672-18130	BONNET INLET		1					S	
		(B=*2006.10)									
3	2	129672-18230	BOX, WATER B		1						
3-1	2	129672-18140	BONNET OUTLET		1					S	
		(B=*2006.10)									
6	2	129673-18250	O-RING		2						
6-1	2	129672-18170	O-RING, D81.2X3.53		4					S	
		(B=*2006.10)									
7	2	22217-080000	WASHER, 8		8					Z	
		(B=*2006.10)									
8	2	26106-080302	BOLT M 8X 30 PLATED		8						
8-1	2	129672-18180	SCREW M8 X 40		6					S	
		(B=*2006.10)									
8A	2	129672-18150	MOTA ELEMENT		1					W	
		(B=*2006.10)									
8B	2	129672-18160	SPACER		1					W	
		(B=*2006.10)									
8C	2	129672-18190	PLUG DRAIN ASSY		1					W	
		(B=*2006.10)									
9	1	129573-18120	GASKET, AIR DUCT		1						
10	1	22137-080000	WASHER 8, POLISHED		2						
11	1	23000-054000	CLAMP 54		2						
12	1	23000-070000	CLAMP 70		4						
13	1	26106-080202	BOLT M 8X 20 PLATED		6						
14	1	129595-18141	HOSE, RUBBER		1						
15	1	26106-080502	BOLT M 8X 50 PLATED		3						
16	1	26116-082002	BOLT M 8X200 PLATED		2						
17	1	129595-18151	HOSE, RUBBER		2						
18	1	129474-18151	BEND		1						
19	1	129150-77511	GASKET, AIR HEATER		1						
20	1	26106-080202	BOLT M 8X 20 PLATED		2						
21	1	129474-18181	DUCT ASSY, AIR		1						
23	2	23876-010000	PLUG PT1/8,SCREW		1						
24	1	129595-18132	DUCT, AIR		1						

Fig.14. CAMSHAFT & DRIVING GEAR

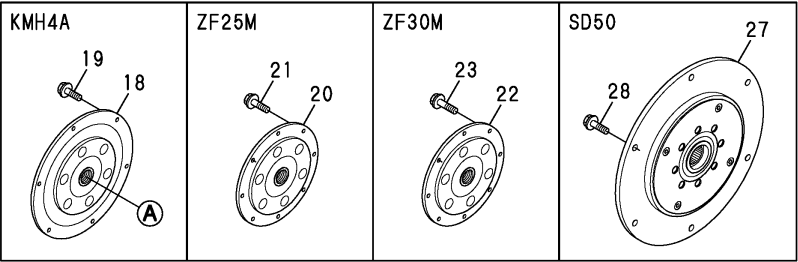
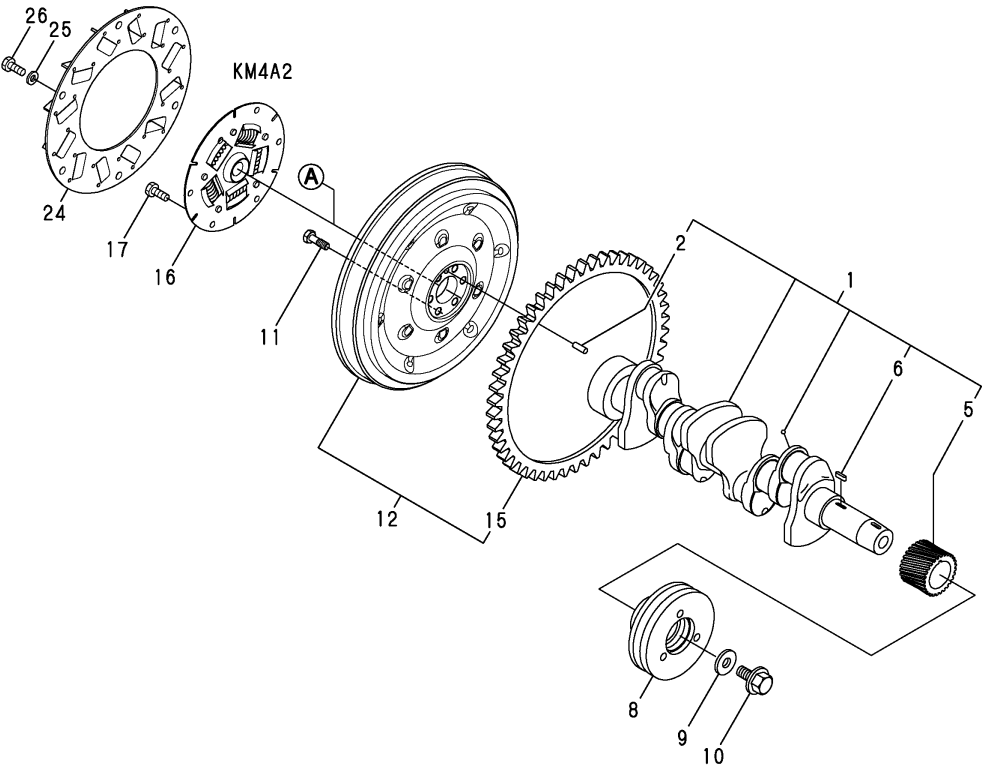


OCR10-G63601 14. CAMSHAFT & DRIVING GEAR

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	8	8						
2	1	129150-14400	ROD, PUSH	8	8						
3	1	129508-14580	CAMSHAFT ASSY	1	1						
4	2	129150-02450	METAL, THRUST	1	1						
7	2	129150-14101	GEAR, CAMSHAFT	1	1						
8	2	22512-070140	KEY, 7X14	1	1						
9	1	26106-080142	BOLT 8X 14 PLATED	2	2						
10	1	129150-25020	RETAINER	1	1						
11	1	129150-25052	SHAFT, IDLE	1	1						
12	1	119174-25060	BOLT M8X45,COLLAR	2	2						
13	1	129693-25100	GEAR ASSY, IDLE	1	1						
16	2	129573-25090	BUSH, IDLE GEAR	1	1						1

Remarks
(1)REPAIR PART.

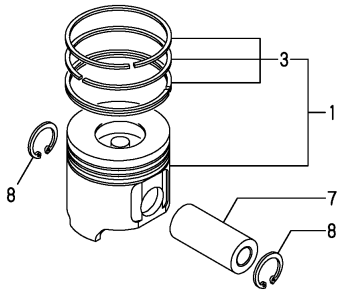
Fig.15. CRANKSHAFT & FLYWHEEL



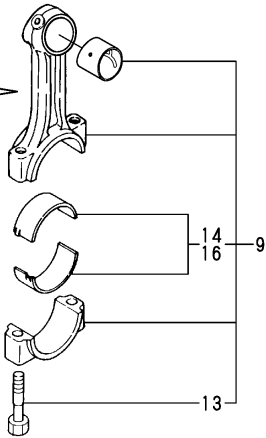
OCR10-G63601 15. CRANKSHAFT & FLYWHEEL

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129698-21000	CRANKSHAFT ASSY	1	1						
2	2	129100-01580	PIN, PARALLEL	1	1						
5	2	129189-21200	GEAR, CRANKSHAFT	1	1						
6	2	22512-070140	KEY, 7X14	1	1						
8	1	119802-21660	V-PULLEY, CRANKSHAFT	1	1						
9	1	129795-21661	WASHER	1	1						
10	1	121850-21680	BOLT, V-PULLEY	1	1						
11	1	121111-21501	BOLT, FLYWHEEL	6	6						
12	1	129574-21590	FLYWHEEL ASSY	1	1						
15	2	124550-21600	GEAR, RING	1	1						
16	1	177090-03500	DISK, DAMPER D190	1	1						
17	1	26106-080162	BOLT M 8X 16 PLATED	6	6						
18	1	129673-81760	DISK, DAMPER	1	1						
19	1	26106-080202	BOLT M 8X 20 PLATED	6	6						
20	1	129673-81150	DISK, DAMPER	1	1						
21	1	26106-080222	BOLT M 8X 22 PLATED	6	6						
22	1	129673-81250	DISK, DAMPER	1	1						
23	1	26106-080252	BOLT M 8X 25 PLATED	6	6						
24	1	129670-81850	FAN, FLYWHEEL	1	1						
25	1	22217-080000	WASHER, 8	6	6						
26	1	26106-080162	BOLT M 8X 16 PLATED	6	6						
27	1	196440-04300	TORFLEX250(SP26)	1							
28	1	26106-080222	BOLT M 8X 22 PLATED	6							

Fig.16. PISTON & CONNECTING ROD



品質保証上、単品販売不可
ON A GUARANTEE OF QUALITY
SHALL NOT SOLD SEPARATELY.

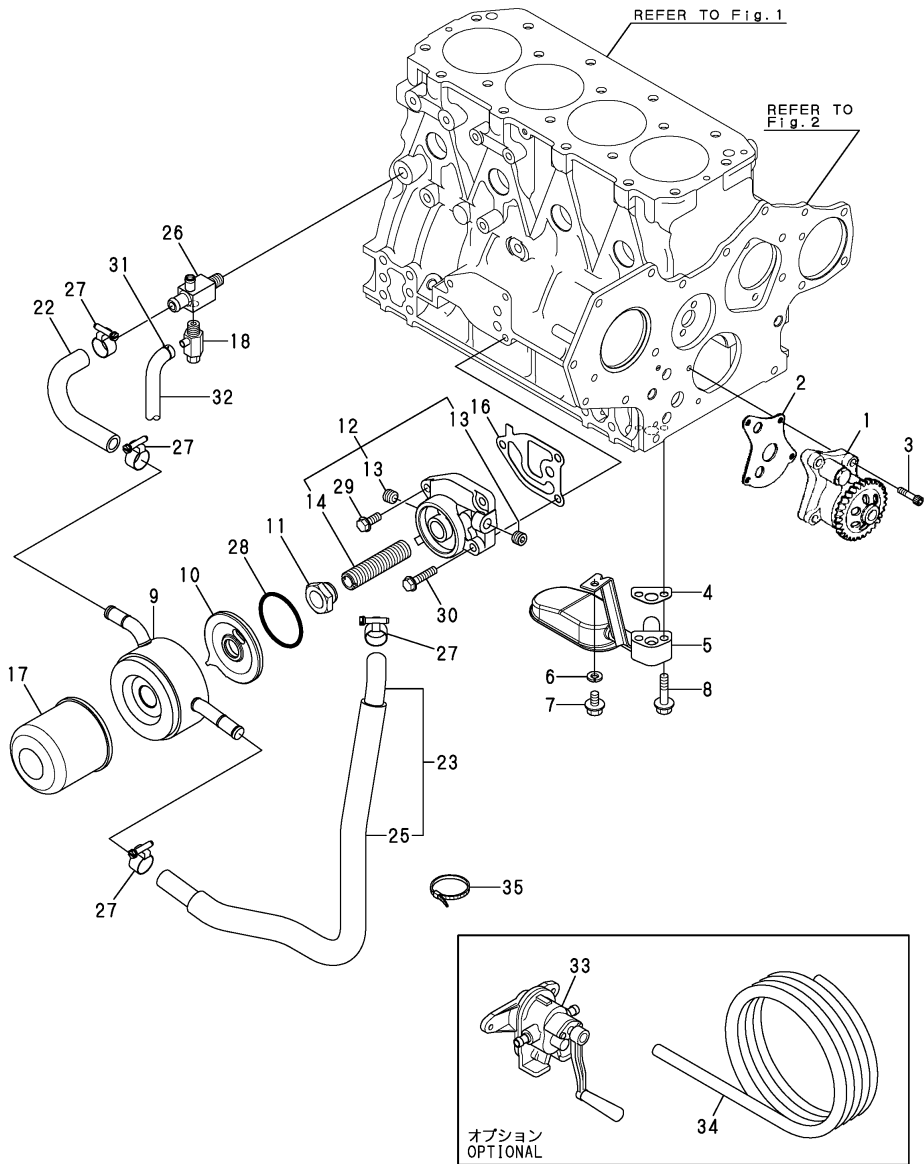


OCR10-G63601 16. PISTON & CONNECTING ROD

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129671-22050	PISTON W/RING	4							
1A	1	129672-22020	PISTON W/RING		4						
3	2	729692-22510	PISTON RING CMP	4	4						
3-1	2	729692-22511	PISTON RING CMP	4	4					N	
		(A=E XXX) (B=E XXX)									
7	1	129573-22301	PIN, PISTON	4	4						
8	1	22252-000280	CIRCLIP 28	8	8						
9	1	729573-23700	ROD ASSY, CONNECTING	4	4						
13	2	121550-23200	BOLT, CONNECTING ROD	8	8						
14	2	129150-23600	METAL, CRANKPIN	4							
14-1	2	129150-23601	METAL, CRANKPIN	4	4					N	
		(A=*2006.06)									
16	1	129150-23610	METAL.PIN US=0.25	4							1
16-1	1	129150-23611	METAL.PIN US=0.25	4	4					N	1
		(A=*2006.06)									

Remarks
(1)UNDER SIZED(U.S.=0.25)PART.

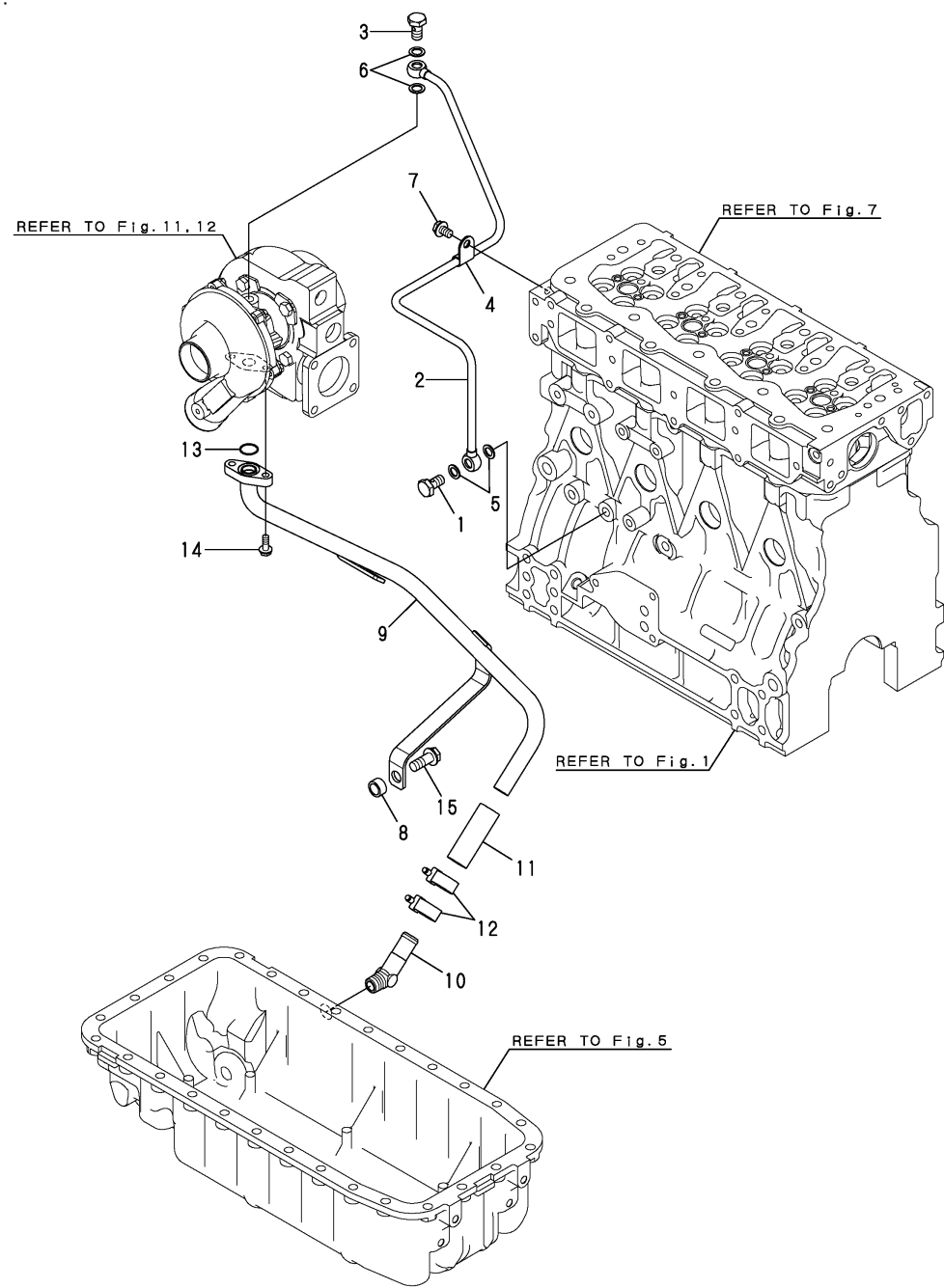
Fig.17. LUB.OIL SYSTEM



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129671-32000	PUMP ASSY, LUB.OIL	1	1						
2	1	129150-32020	GASKET, PUMP	1	1						
3	1	26450-060252	BOLT, M6X25	4	4						
4	1	129150-35042	GASKET, PIPE	1	1						
5	1	129473-35091	PIPE ASSY, OIL INLET	1	1						
6	1	22217-080000	WASHER, 8	1	1						
7	1	26106-080142	BOLT 8X 14 PLATED	1	1						
8	1	26106-080352	BOLT M 8X 35 PLATED	2	2						
9	1	129672-33050	COOLER ASSY, OIL	1	1						
10	1	129908-33101	BRACKET, COOLER	1	1						
11	1	129417-33110	NUT, OIL COOLER	1	1						
12	1	129672-35000	BRACKET ASSY, FILTER	1	1						
13	2	124160-01910	PLUG, PT1/4	2	2						
14	2	129672-33060	STUD, FILTER	1	1						
16	1	129103-35122	GASKET	1	1						
17	1	129150-35153	FILTER 80X80L	1	1						1
18	1	119620-49290	COCK ASSY	1	1						
22	1	129672-49310	PIPE, COOLING WATER	1	1						
23	1	129672-49320	PIPE, COOLING WATER	1	1						
25	2	129672-49340	TUBE, CORRUGATED	1	1						
26	1	129671-49410	JOINT	1	1						
27	1	23000-022000	CLAMP 22	4	4						
28	1	24321-000600	O-RING 1A G-60.0	1	1						
29	1	26106-080202	BOLT M 8X 20 PLATED	2	2						
30	1	26106-080352	BOLT M 8X 35 PLATED	1	1						
31	1	124460-77680	RETAINER	1	1						
32	1	23061-070300	PIPE 7X 300	1	1						
33	1	124413-39100	PUMP, OIL SUMP	1	1						
34	1	43720-001220	PIPE	1	1						
35	1	121750-59890	CLAMP 140	1	1						

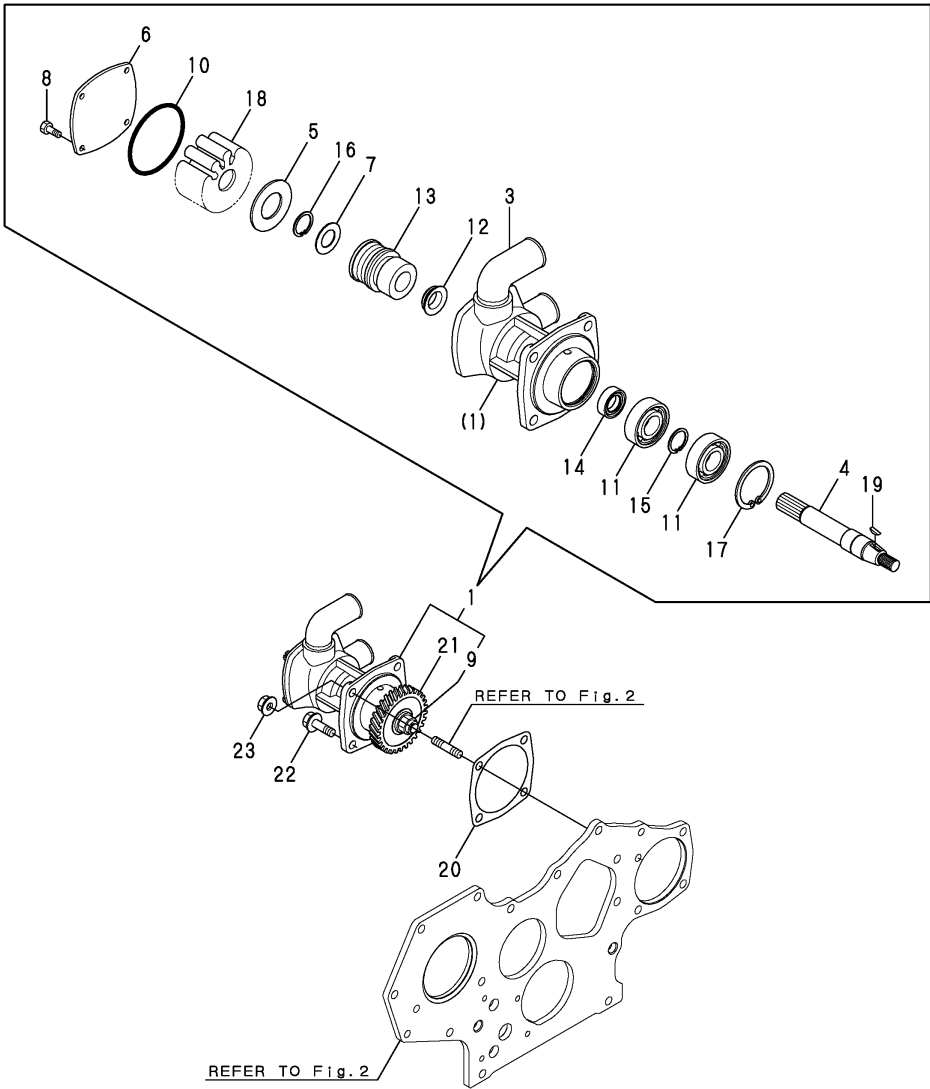
Remarks
(1) REPAIR PART.

Fig.18. LUB.OIL PIPE



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124160-39140	BOLT, JOINT M10	1	1						
2	1	129671-39460	PIPE ASSY, TURBINE	1	1						
3	1	124413-39710	BOLT M 10	1	1						
4	1	124223-39900	RETAINER	1	1						
5	1	22190-100002	WASHER, 10	2	2						
6	1	23414-100000	GASKET 10, ROUND	2	2						
7	1	26106-080122	BOLT M 8X 12 PLATED	1	1						
8	1	129301-34830	SPACER	1	1						
9	1	129693-39601	PIPE, LUB. OIL	1	1						
10	1	129472-39620	ELBOW	1	1						
11	1	123901-39820	HOSE, RETURN	1	1						
12	1	23000-025000	CLAMP 25	2	2						
13	1	24314-000180	O-RING 4C P-18.0	1	1						
14	1	26106-060162	BOLT M 6X 16 PLATED	2	2						
15	1	26106-100252	BOLT M10X 25 PLATED	1	1						

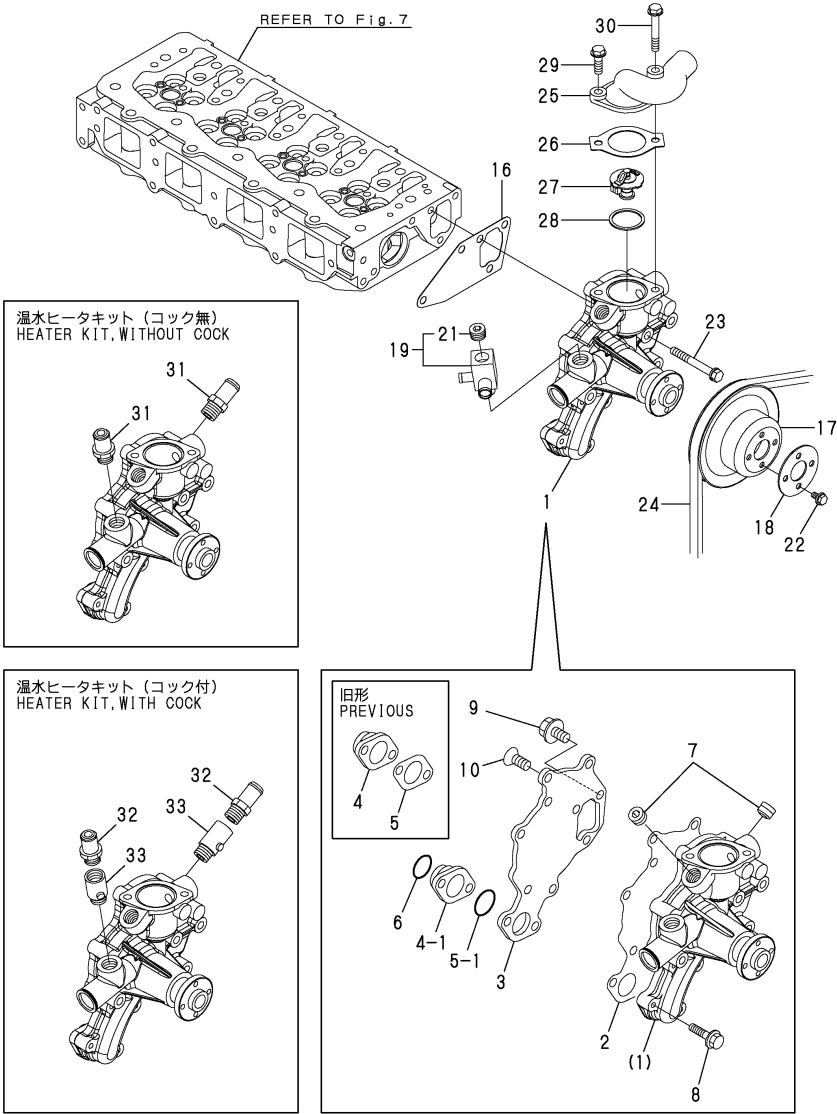
Fig.19. COOLING SEA WATER PUMP



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129670-42512	PUMP ASSY, WATER	1	1						
3	2	X01357681	CONNECTION	1	1						
4	2	X0146531	SHAFT	1	1						
5	2	129670-42540	PLATE	1	1						
6	2	129670-42520	COVER	1	1						
7	2	129670-42550	WASHER	1	1						
8	2	129271-42510	SCREW	4	4						
9	2	X00190001	NUT, LOCK	1	1						
10	2	119773-42570	O-RING	1	1						
11	2	X03431483	BEARING	2	2						
12	2	X02230015	V-RING	1	1						
13	2	129670-42560	SEAL, MECHANICAL	1	1						
14	2	X02233001	SEAL, LIP	1	1						
15	2	X00370017	CIRCLIP	1	1						
16	2	129670-42570	CIRCLIP	1	1						
17	2	X00371040	CIRCLIP	1	1						
18	2	129670-42531	IMPELLER	1	1						
19	2	129670-42580	KEY	1	1						
20	1	129150-01881	GASKET, COVER	1	1						
21	1	129670-42700	GEAR	1	1						
22	1	26106-080252	BOLT M 8X 25 PLATED	3	3						
23	1	26306-080002	NUT, M8	1	1						

Fig.20. COOLING FRESH WATER PUMP

P/C NEWS No.:Y00R6361-2
PUBLISHED :2007/10



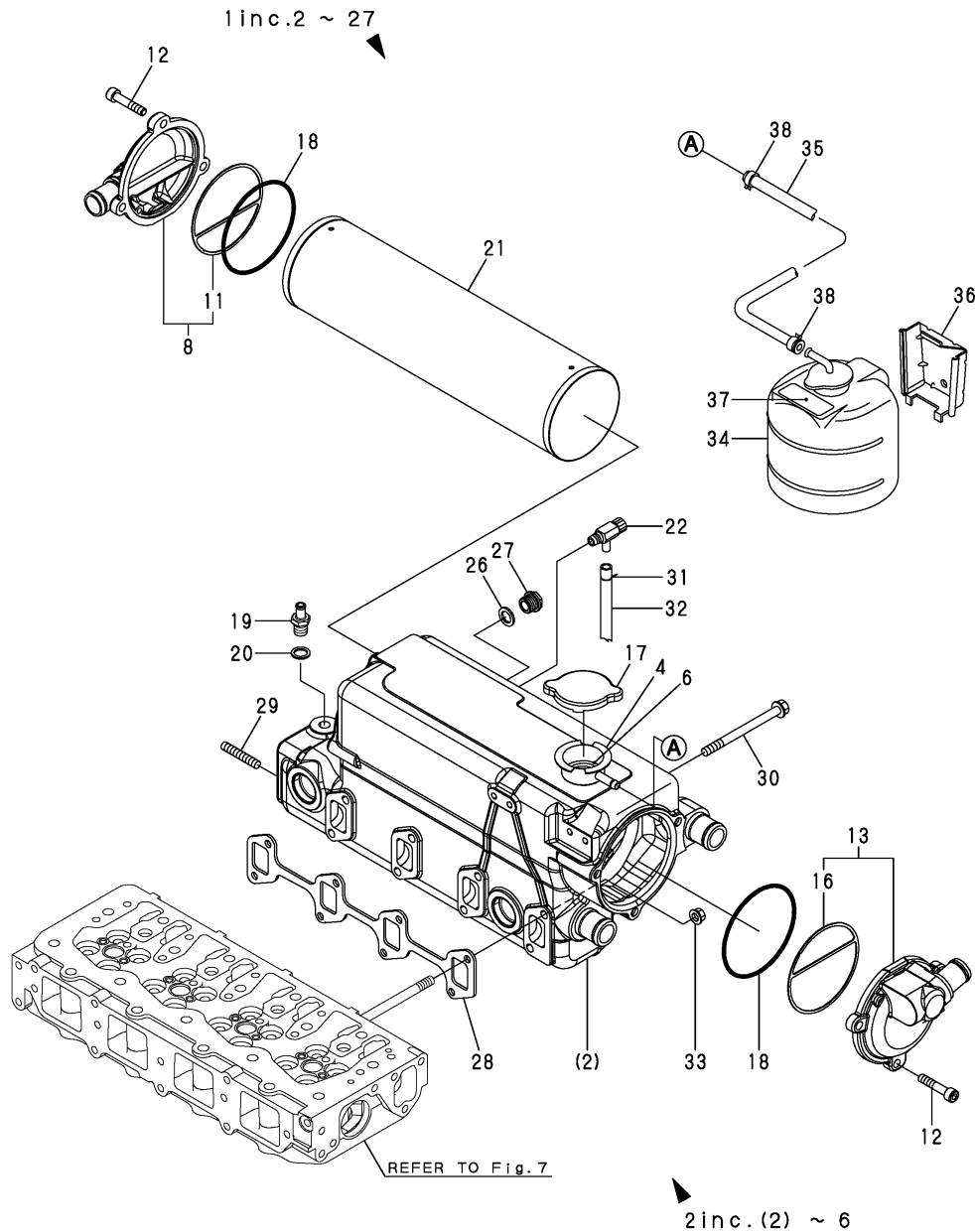
Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.5-1

(A)=4JH4-TE
(B)=4JH4-HTE
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129271-42001	PUMP ASSY, WATER	1	1						
2	2	129150-42059	PACKING	1	1						
3	2	129263-42120	PLATE	1	1						
4	2	129150-42300	FLANGE, WATER PUMP	1							
4-1	2	129150-42301	FLAGNE, C. W. PUMP	1	1					F	1
(A=*2006.08)											
5	2	129150-42319	GASKET, FLANGE	1							
5-1	2	24358-240310	O-RING, 5 24031	1	1					S	
(A=*2006.08)											
6	2	129054-42320	O-RING	1	1						
7	2	129916-49740	PLUG, R03	2	2						
8	2	26106-060202	BOLT M 6X 20 PLATED	2	2						
9	2	26116-060162	BOLT 6X16	3	3						
10	2	26577-060142	SCREW M 6X 14	3	3						
16	1	129486-42050	GASKET, PUMP	1	1						
17	1	129550-42350	V-PULLEY, WATER PUMP	1	1						
18	1	129156-44760	WASHER, FAN	1	1						
19	1	129671-49430	JOINT ASSY	1	1						
21	2	23875-030000	PLUG PT3/8,STEEL	1	1						
22	1	26106-060102	BOLT 6X 10 PLATED	4	4						
23	1	26106-080552	BOLT M 8X 55 PLATED	4	4						
24	1	25132-004600	V-BELT	1							
24-1	1	129671-42280	V-BELT	1	1					N	
(A=*2006.07)											
25	1	129573-49540	COVER, THERMOSTAT	1	1						
26	1	129795-49551	GASKET, COVER	1	1						
27	1	129470-49801	THERMOSTAT	1	1						
28	1	129470-49810	GASKET, THERMOSTAT	1	1						
29	1	26106-080252	BOLT M 8X 25 PLATED	1	1						
30	1	26106-080502	BOLT M 8X 50 PLATED	1	1						
31	1	128990-49320	JOINT, 3/8	2	2						
32	1	128990-49320	JOINT, 3/8	2	2						
33	1	129670-49390	COCK ASSY	2	2						

Fig.21. COOLING FRESH WATER COOLER



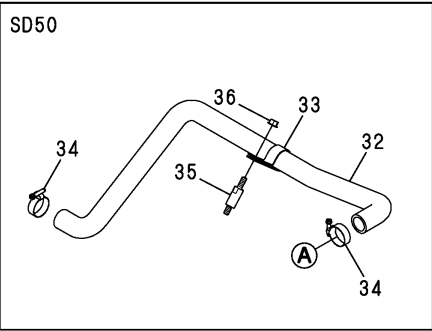
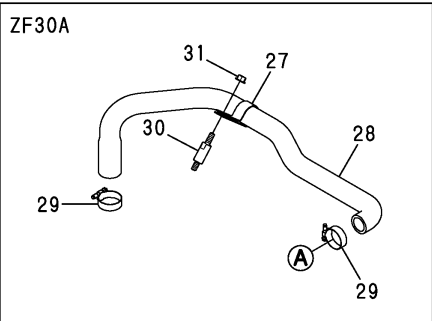
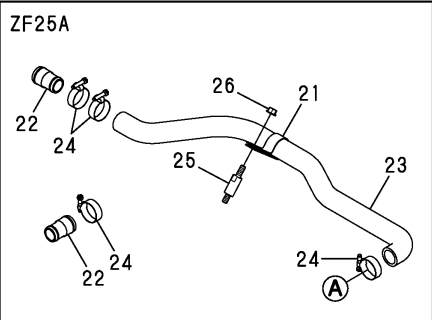
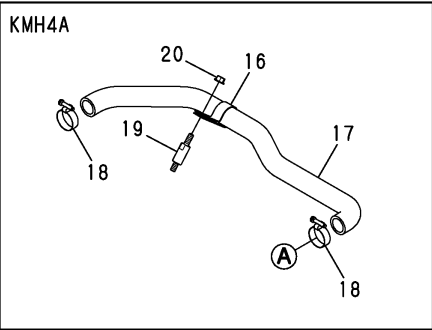
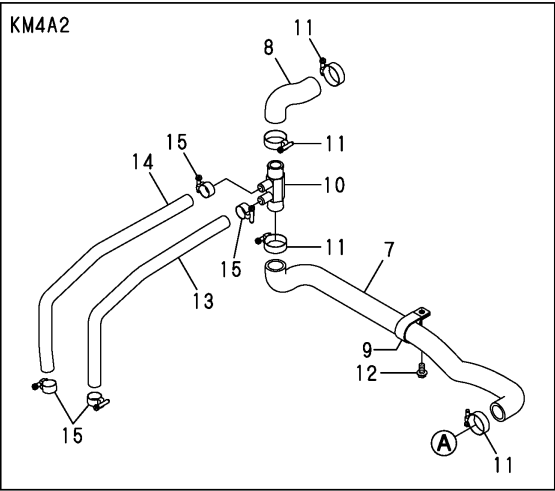
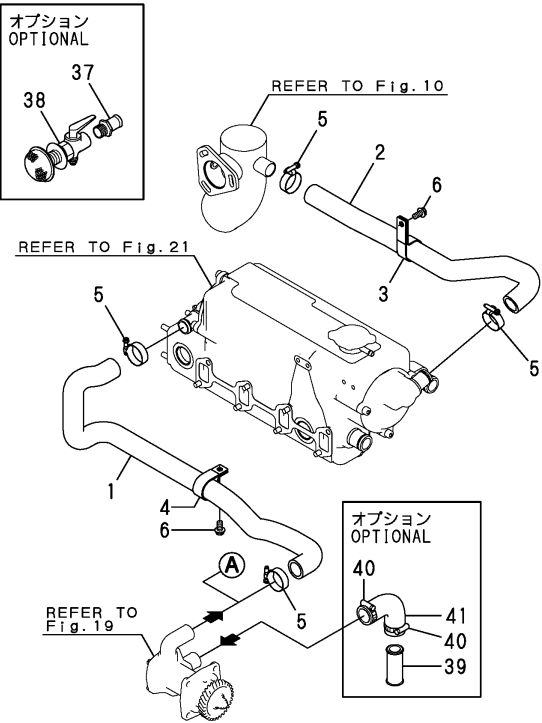
OCR10-G63601 21. COOLING FRESH WATER COOLER

(A)=4JH4-TE
(B)=4JH4-HTE
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129672-44900	HEAT EXCHANGER ASSY	1	1						
2	2	129672-44020	BODY,COOLER CMP	1	1						
4	3	129673-44110	FILLER NECK	1	1						
6	3	129673-44150	TUBE D28.5X1.5 LG6	1	1						
8	2	129672-44070	BONNET,INLET	1	1						
11	3	129693-44420	GASKET, COOLER	1	1						
12	2	129673-44090	BOLT, M8X40	6	6						
13	2	129672-44100	BONNET,OUTLET	1	1						
16	3	129693-44420	GASKET, COOLER	1	1						
17	2	129673-44131	CAP,FILLER	1	1						
18	2	129672-44150	O-RING, 99.5X3	2	2						
19	2	129672-44160	PLUG G1/4	1	1						
20	2	129672-44170	GASKET 13.5-19	1	1						
21	2	129672-44400	CORE ASSY	1	1						
22	2	119620-49290	COCK ASSY	1	1						
26	2	23414-170000	GASKET 17, ROUND	1	1						
27	2	23893-030002	PLUG G3/8,HEX.	1	1						
28	1	129550-13110	GASKET, EXH.MANIFOLD	1	1						
29	1	128170-13600	STUD	4	4						
30	1	129693-44310	BOLT(CFW COOLER	6	6						
31	1	124460-77680	RETAINER	1	1						
32	1	23061-070300	PIPE 7X 300	1	1						
33	1	26306-080002	NUT, M8	2	2						
34	1	128397-44500	TANK ASSY, SUB	1	1						
35	1	129270-44501	PIPE,OVER FLOW	1	1						
36	1	128397-44510	BRACKET, SUB TANK	1	1						
37	1	129670-44570	LABEL, SUB-TANK	1	1						
38	1	23010-013000	CLAMP 13	2	2						

Fig.22. COOLING SEA WATER PIPE(4JH4-TE)



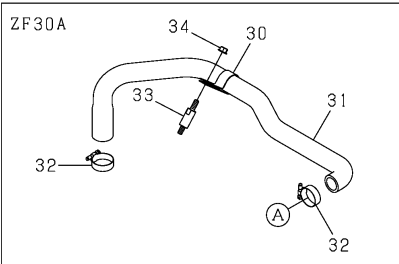
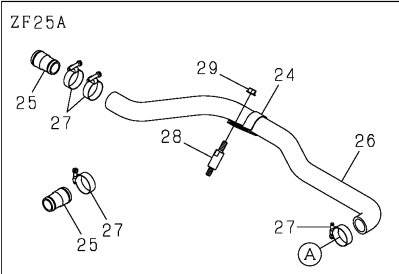
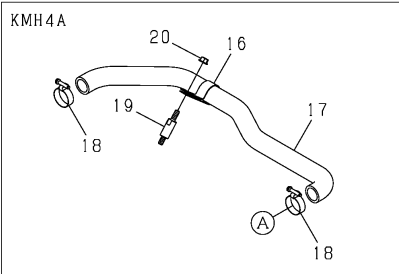
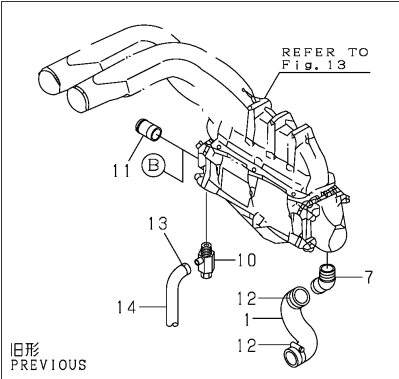
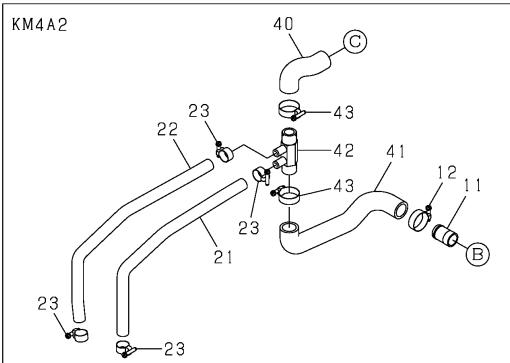
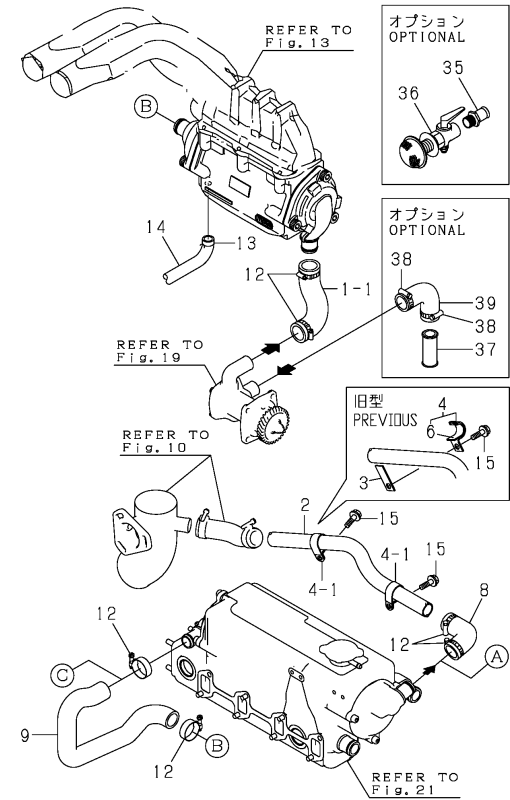
(A)=4JH4-TE
(B)=4JH4-HTE
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129671-49010	PIPE, COOLING WATER	1							
2	1	129671-49020	PIPE, COOLING WATER	1							
3	1	129671-49110	RETAINER	1							
4	1	129671-49120	RETAINER	1							
5	1	129670-49500	CLIP, HOSE	4							
6	1	26106-080162	BOLT M 8X 16 PLATED	2							
7	1	129671-49030	PIPE, COOLING WATER	1							
8	1	129672-49030	PIPE, WATER C	1							
9	1	129671-49120	RETAINER	1							
10	1	129670-49410	JOINT	1							
11	1	129670-49500	CLIP, HOSE	4							
12	1	26106-080162	BOLT M 8X 16 PLATED	1							
13	1	129671-49230	PIPE, WATER E	1							
14	1	129671-49240	PIPE, WATER F	1							
15	1	23000-022000	CLAMP 22	4							
16	1	129671-49110	RETAINER	1							
17	1	129672-49410	PIPE, COOLING WATER	1							
18	1	129670-49500	CLIP, HOSE	2							
19	1	129271-77420	BOLT, BELT COVER	1							
20	1	26366-080002	NUT M 8	1							
21	1	129671-49110	RETAINER	1							
22	1	129673-49410	JOINT	2							
23	1	129673-49420	PIPE, CSW ZF25A	1							
24	1	129670-49500	CLIP, HOSE	4							
25	1	129271-77420	BOLT, BELT COVER	1							
26	1	26366-080002	NUT M 8	1							
27	1	129671-49110	RETAINER	1							
28	1	129673-49430	PIPE,CSW ZF30M	1							
29	1	129670-49500	CLIP, HOSE	2							
30	1	129271-77420	BOLT, BELT COVER	1							
31	1	26366-080002	NUT M 8	1							
32	1	129671-49100	PIPE, COOLING WATER	1							
33	1	129671-49110	RETAINER	1							
34	1	129670-49500	CLIP, HOSE	2							
35	1	129271-77420	BOLT, BELT COVER	1							
36	1	26366-080002	NUT M 8	1							
37	1	43530-500570	JOINT, PIPE	1							
38	1	43662-025030	COCK ASSY, KINGSTON	1							
39	1	129490-49070	JOINT	1							
40	1	129670-49500	CLIP, HOSE	2							
41	1	129171-49900	JOINT, RUBBER	1							

Fig.23. COOLING SEA WATER PIPE(4JH4-HTE)

P/C NEWS No. :Y00R6361-1
PUBLISHED :2006/11

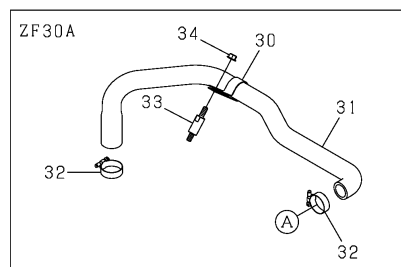
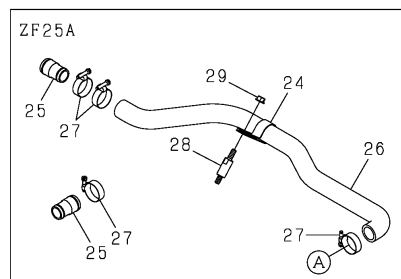
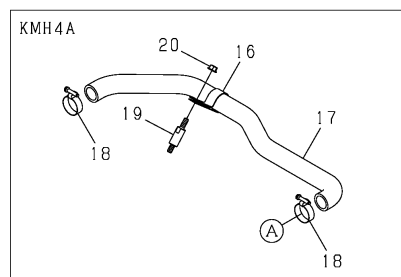
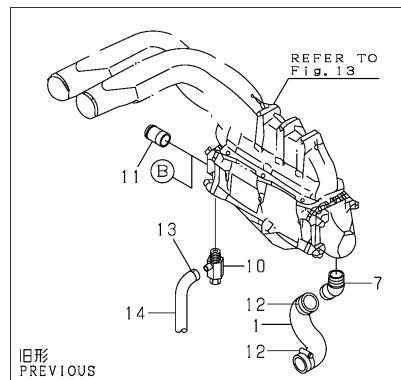
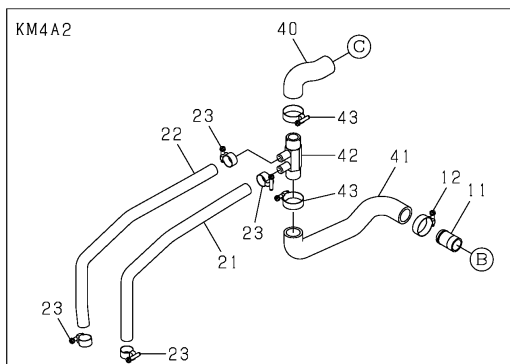
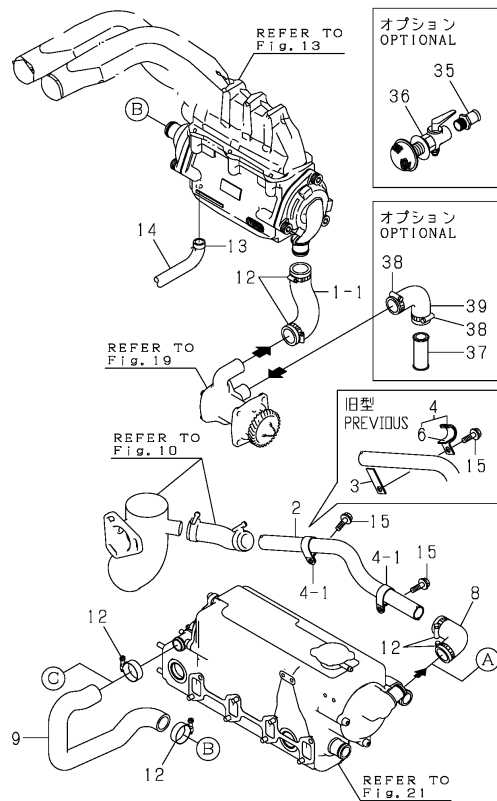


Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.FIG.13 NO.1-1

(A)=4JH4-TE
(B)=4JH4-HTE
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129673-49010	PIPE, COOLING WATER		1						
1-1	1	129672-49060	PIPE, COOLING WATER		1					S	1
		(B=*2006.10)									
2	1	129698-49020	PIPE, COOLING WATER		1						
3	1	129693-49040	CLAMP B		2					Z	
		(A=*2009.06) (B=*2009.06)									
4	1	129693-49050	CLAMP CMP		2					Z	
		(A=*2009.06) (B=*2009.06)									
4-1	1	129672-49050	RETAINER,CSW		2					W	
		(A=*2009.06) (B=*2009.06)									
6	2	127675-82650	SEAT		2					Z	
		(A=*2009.06) (B=*2009.06)									
7	1	129673-49060	ELBOW, 45		1					Z	
		(B=*2006.10)									
8	1	129672-49070	PIPE, COOLING WATER		1						
9	1	129672-49230	PIPE, WATER B		1						
10	1	119620-49290	COCK ASSY		1					Z	
		(B=*2006.10)									
11	1	129672-49420	JOINT, PIPE		1					Z	
		(B=*2006.10)									
12	1	129670-49500	CLIP, HOSE		6						
13	1	124460-77680	RETAINER		1						
14	1	23061-070300	PIPE 7X 300		1						
15	1	26106-080162	BOLT M 8X 16 PLATED		2						
16	1	129671-49110	RETAINER		1						
17	1	129672-49410	PIPE, COOLING WATER		1						
18	1	129670-49500	CLIP, HOSE		2						
19	1	129271-77420	BOLT, BELT COVER		1						
20	1	26366-080002	NUT M 8		1						
21	1	129671-49230	PIPE, WATER E		1						
22	1	129671-49240	PIPE, WATER F		1						
23	1	23000-022000	CLAMP 22		4						
24	1	129671-49110	RETAINER		1						
25	1	129673-49410	JOINT		2						
26	1	129673-49420	PIPE, CSW ZF25A		1						
27	1	129670-49500	CLIP, HOSE		4						
28	1	129271-77420	BOLT, BELT COVER		1						
29	1	26366-080002	NUT M 8		1						
30	1	129671-49110	RETAINER		1						
31	1	129673-49430	PIPE,CSW ZF30M		1						
32	1	129670-49500	CLIP, HOSE		2						
33	1	129271-77420	BOLT, BELT COVER		1						
34	1	26366-080002	NUT M 8		1						
35	1	43530-500570	JOINT, PIPE		1						
36	1	43662-025030	COCK ASSY, KINGSTON		1						
37	1	129490-49070	JOINT		1						
38	1	129670-49500	CLIP, HOSE		2						
39	1	129171-49900	JOINT, RUBBER		1						
40	1	129672-49030	PIPE, WATER C		1						
41	1	129672-49240	PIPE, COOLING WATER		1						
42	1	129670-49410	JOINT		1						

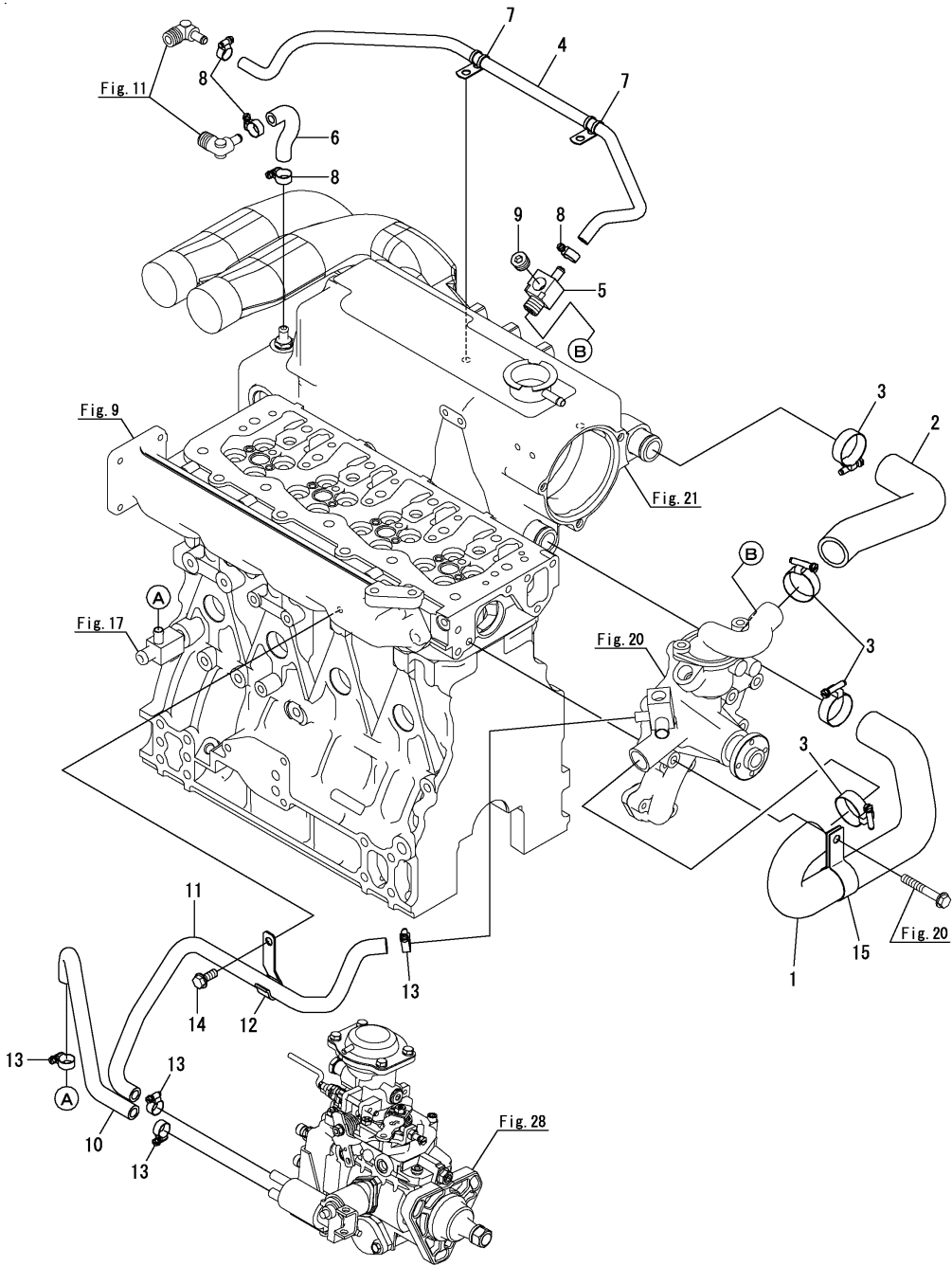


(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.FIG.13 NO.1-1

[illegible]

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
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Fig.24. COOLING FRESH WATER PIPE

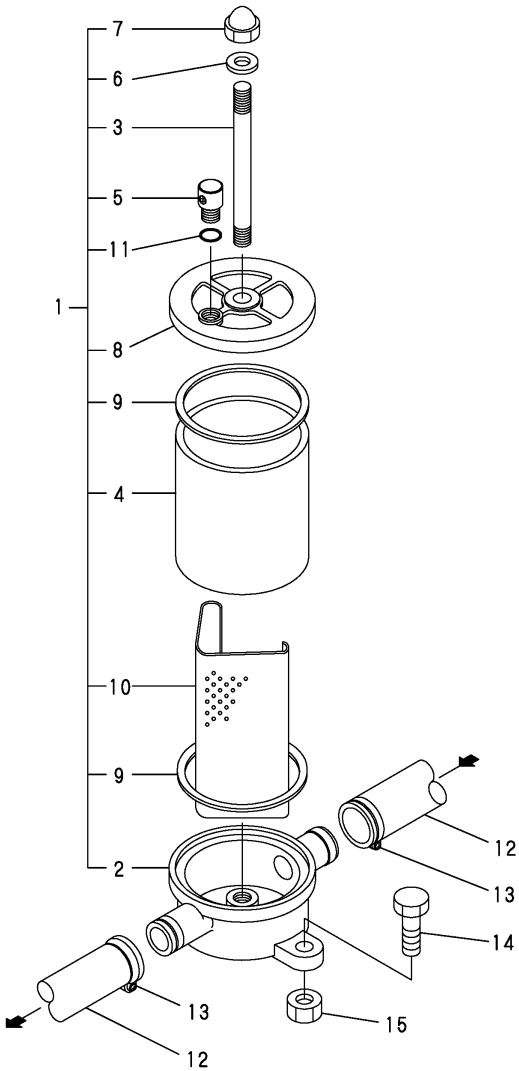


OCR10-G63601 24. COOLING FRESH WATER PIPE

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129671-49220	PIPE, COOLING WATER	1	1						
2	1	129672-49260	PIPE, COOLING WATER	1	1						
3	1	129670-49500	CLIP, HOSE	4	4						
4	1	129673-44560	PIPE, OVER FLOW	1	1						
5	1	129473-49310	JOINT	1	1						
6	1	129672-49500	PIPE, OVER FLOW	1	1						
7	1	194440-51620	CLAMP, WIRE HARNESS	2	2						
8	1	23000-013000	CLAMP 13	4	4						
9	1	23876-030000	PLUG PT3/8,SCREW	1	1						
10	1	129671-49310	PIPE, COOLING WATER	1	1						
11	1	129671-49320	PIPE, COOLING WATER	1	1						
12	1	129671-49330	CLAMP, PIPE	1	1						
13	1	23000-016000	CLAMP 16	4	4						
14	1	26106-080102	BOLT M 8X 10 PLATED	1	1						
15	1	129271-49110	RETAINER, PIPE	1	1						W

(A)=*2009.06) (B)=*2009.06)

Fig.25. C.S.W.STRAINER(OPTIONAL)

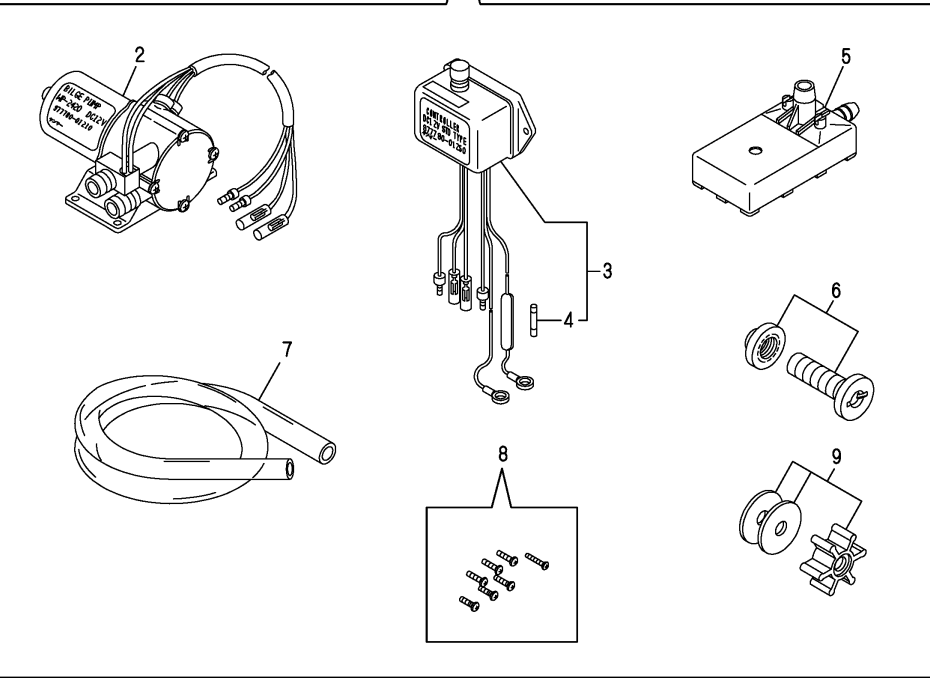
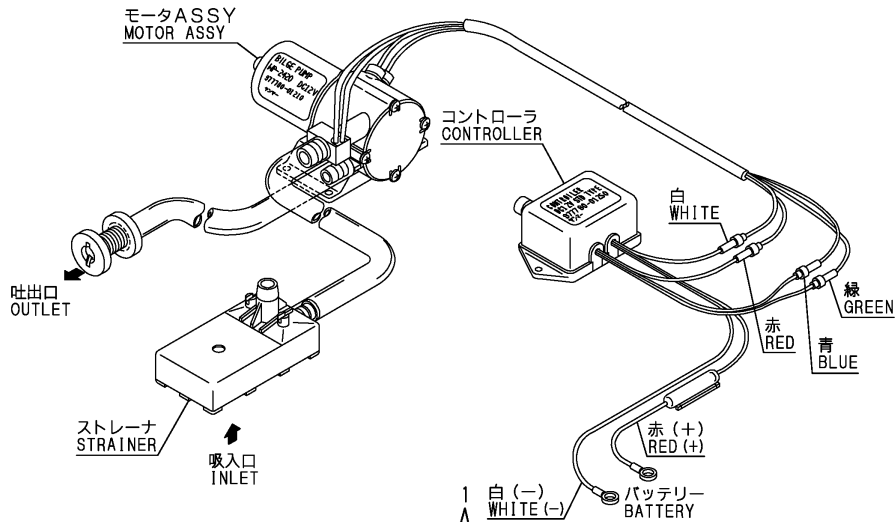


(A)=4JH4-TE
(B)=4JH4-HTE
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129795-48800	STRAINER	1	1						
2	2	XTST25S001	BODY	1	1						
3	2	XTST25S002	BOLT M 8X125	1	1						
4	2	XTST25S003	PIPE, OUTER	1	1						
5	2	XTST25S004	PLUG M 8	1	1						
6	2	XTST25S005	PACKING	1	1						
7	2	26664-080002	CAP NUT M 8	1	1						
8	2	XTST25S007	COVER	1	1						
9	2	XTST25S008	PACKING	2	2						
10	2	XTST25S009	FILTER	1	1						
11	2	24311-000060	O-RING 1A P-6.0	1	1						
12	1	23072-101000	HOSE (25/33X1000)	1	1						
13	1	129670-49500	CLIP, HOSE	2	2						
14	1	26116-080302	BOLT 8X30	2	2						
15	1	26703-080002	NUT M 8	2	2						

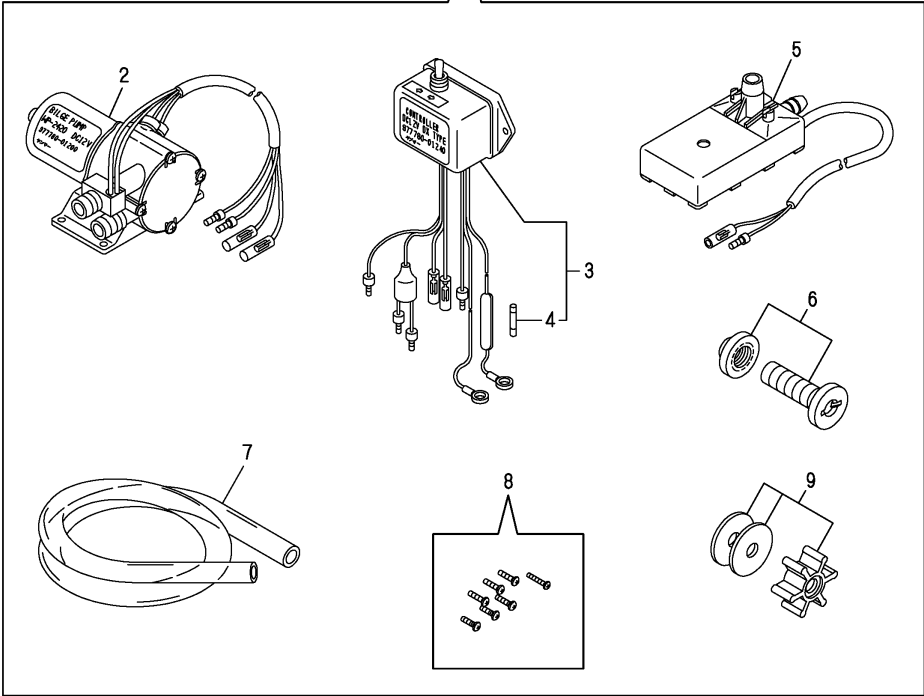
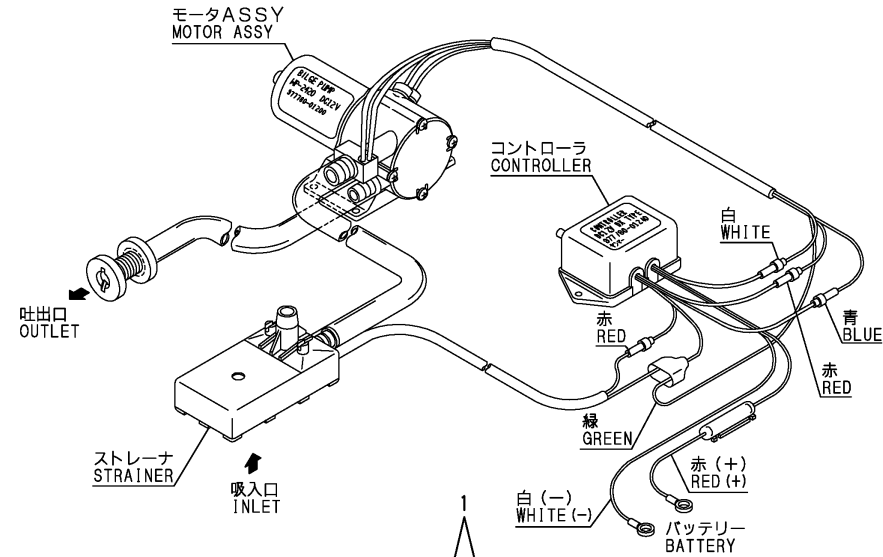
Fig.26. BILGE PUMP(STD/OPTIONAL)



26. BILGE PUMP(STD/OPTIONAL)

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	977780-01210	PUMP(12V).BILGE	1	1						
2	2	977780-01230	MOTOR ASSY(BILG PUMP	1	1						
3	2	977780-01250	CONTROLLER	1	1						
4	3	X8636008003	FUSE	1	1						
5	2	X179100021X	STRAINER	1	1						
6	2	X179100100X	PIPE ASSY	1	1						
7	2	X0044021509	HOSE A	1	1						
8	2	X199903800X	SCREW KIT	1	1						
9	2	977780-03000	INPELLER	1	1						

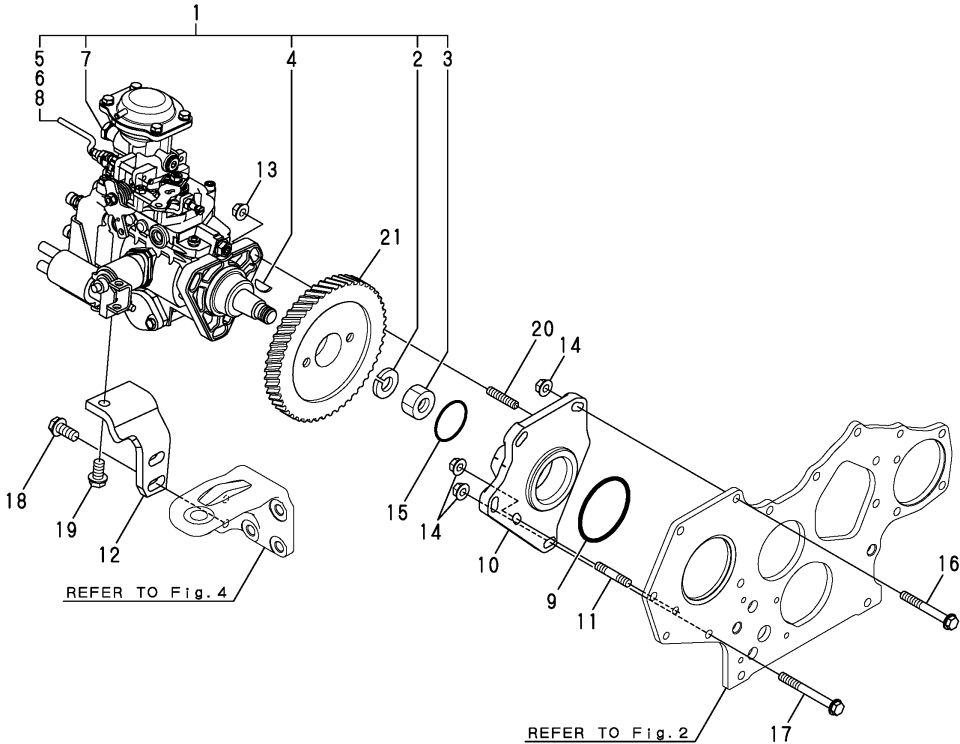
Fig.27. BILGE PUMP(DX/OPTIONAL)



OCR10-G63601 27. BILGE PUMP(DX/OPTIONAL)

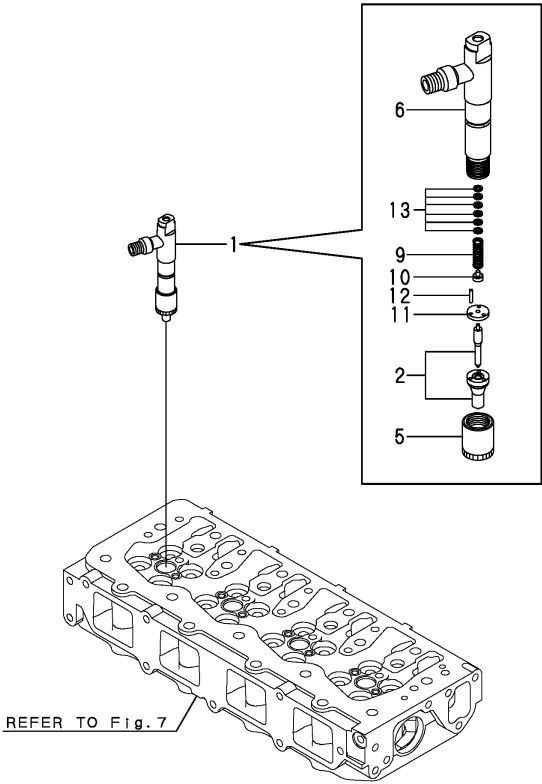
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	977780-01200	PUMP(12V).BILGE	1	1						
2	2	977780-01230	MOTOR ASSY(BILG PUMP	1	1						
3	2	977780-01240	CONTROLLER	1	1						
4	3	X8636008003	FUSE	1	1						
5	2	X179100011X	STRAINER	1	1						
6	2	X179100100X	PIPE ASSY	1	1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

Fig.28. FUEL INJECTION PUMP



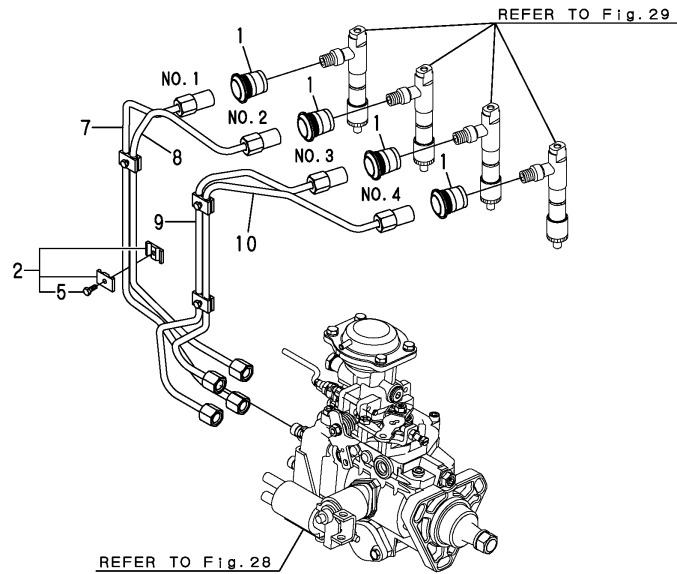
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129671-51950	PUMP ASSY, INJECTION	1							
1A	1	129672-51950	PUMP ASSY, INJECTION		1						
2	2	X0293214050	SPRING WASHER	1	1						
3	2	X0131214140	NUT	1	1						
4	2	X0294704030	WOODRUFF KEY	1	1						
5	2	119171-67200	SOLENOID, FUEL CUT	1	1						
6	2	129693-67210	SPRING	1	1						
7	2	119171-59200	BOLT, PIPE JOINT	1	1						
8	2	X1466584820	WIRE	1	1						
9	1	121850-51960	O-RING, F.I.PUMP	1	1						
10	1	129673-54030	BRACKET, PUMP	1	1						
11	1	121450-01560	STUD, M8X22	1	1						
12	1	129673-51251	RETAINER, PUMP	1	1						
13	1	26306-080002	NUT, M8	3	3						
14	1	26306-080002	NUT, M8	5	5						
15	1	24341-000500	O-RING 1A S-50.0	1	1						
16	1	26106-080652	BOLT M 8X 65 PLATED	3	3						
17	1	26106-080752	BOLT M 8X 75 PLATED	1	1						
18	1	26106-100182	BOLT M10X 18 PLATED	1	1						
19	1	26106-100222	BOLT M10X 22 PLATED	2	2						
20	1	26216-080282	STUD M 8X 28 PLATED	3	3						
21	1	129671-25920	GEAR, FUEL PUMP JH4	1	1						

Fig.29. FUEL INJECTION VALVE



OCR10-G63601 29. FUEL INJECTION VALVE

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729671-53110	VALVE ASSY,INJECTION	4							
1A	1	729672-53110	VALVE ASSY,INJECTION		4						
2	2	129671-53010	VALVE ASSY,INJECTION	4							
2A	2	129672-53010	VALVE ASSY,INJECTION		4						
5	2	114250-53080	NUT, CASE	4	4						
6	2	129508-53100	HOLDER ASSY, NOZZLE	4	4						
9	2	114250-53120	SPRING, NOZZLE	4	4						
10	2	114250-53130	SEAT, SPRING	4	4						
11	2	114250-53140	PLATE, STOP	4	4						
12	2	114250-53210	PIN	8	8						
13	2	114250-53400	SHIM SET	4	4						



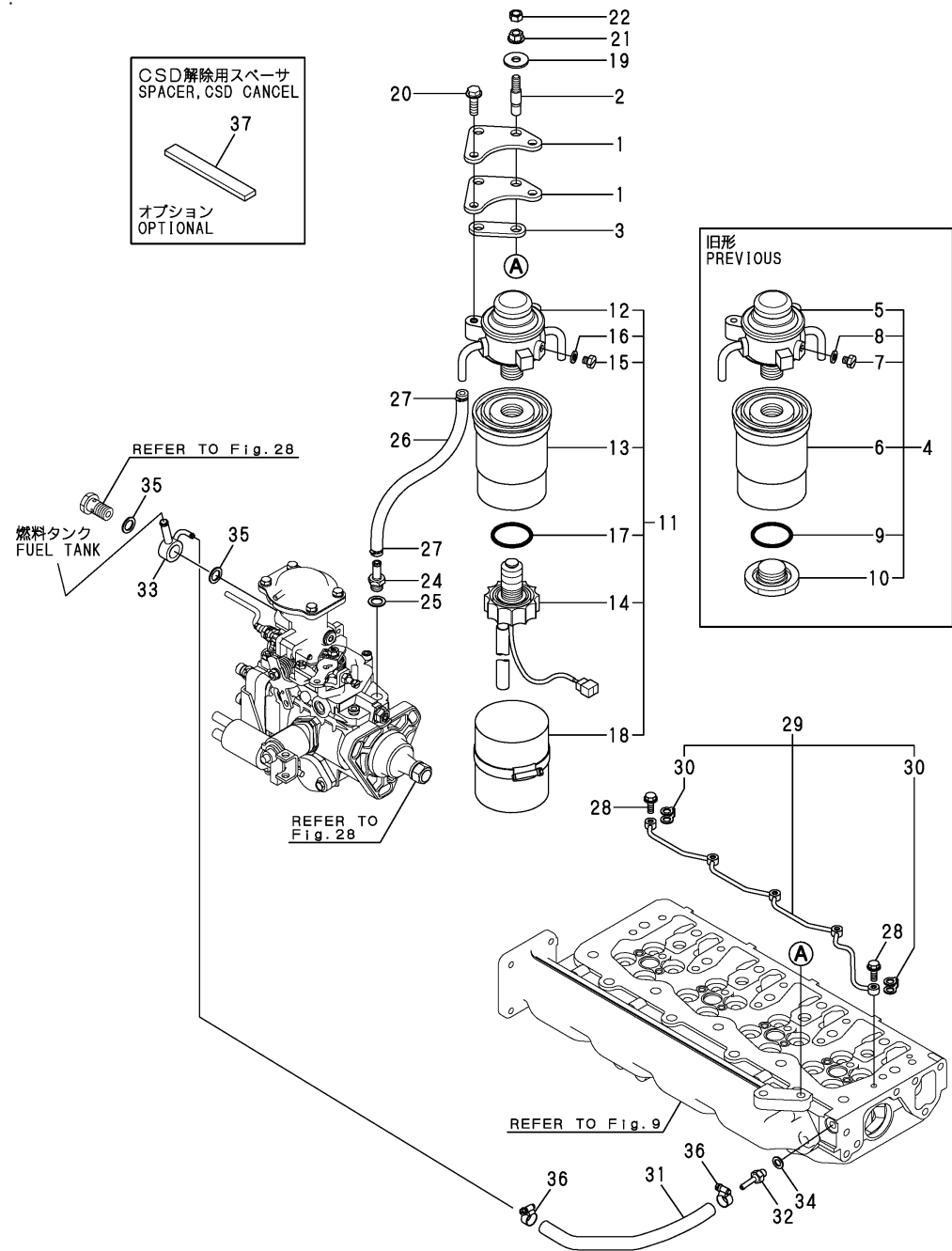
0CR10-G63601 30. FUEL INJECTION PIPE

(A)=4JH4-TE
(B)=4JH4-HTE
(C)=

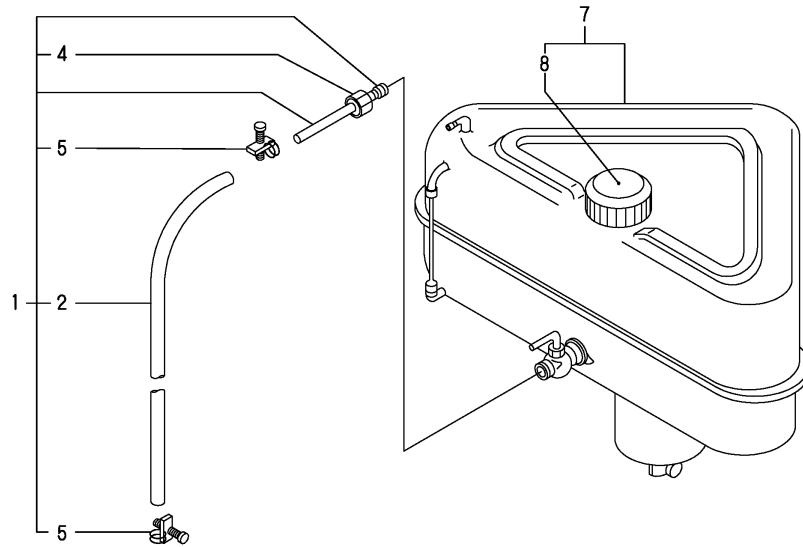
(D)=
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	123907-11601	SEAL	4	4						
2	1	119305-59120	RETAINER	4	4						
5	2	129150-59131	BOLT M4X14,HEX.SCKT.	4	4						
7	1	129671-59810	PIPE ASSY, INJECTION	1	1						
8	1	129671-59820	PIPE ASSY, INJECTION	1	1						
9	1	129671-59830	PIPE ASSY, INJECTION	1	1						
10	1	129671-59840	PIPE ASSY, INJECTION	1	1						

Fig.31. FUEL PIPE & FUEL STRAINER



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129673-55650	BRACKET(FO-FILTER	2	2						
2	1	129671-55660	BOLT, BRACKET	2	2						
3	1	129670-55700	RUBBER	1	1						
4	1	129574-55810	STRAINER ASSY W/O S	1						Z	
(A=*2006.06)											
5	2	129574-55700	BODY ASSY	1						Z	
(A=*2006.06)											
6	2	129574-55711	FILTER, CARTRIDGE	1						Z	
(A=*2006.06)											
7	2	121857-55750	PLUG	1						Z	
(A=*2006.06)											
8	2	121857-55760	WASHER	1						Z	
(A=*2006.06)											
9	2	129574-55780	O-RING	1						Z	
(A=*2006.06)											
10	2	129574-55840	DRAIN PLUG	1						Z	
(A=*2006.06)											
11	1	129574-55820	STRAINER ASSY, FUEL	1	1						
12	2	129574-55700	BODY ASSY	1	1						
13	2	129574-55711	FILTER, CARTRIDGE	1	1						
14	2	129574-55730	SENSOR	1	1						
15	2	121857-55750	PLUG	1	1						
16	2	121857-55760	WASHER	1	1						
17	2	129574-55780	O-RING	1	1						
18	2	129574-55830	COVER, FILTER	1	1						
19	1	22137-080000	WASHER 8, POLISHED	2	2						
20	1	26106-080252	BOLT M 8X 25 PLATED	2	2						
21	1	26306-080002	NUT, M8	2	2						
22	1	26716-080002	NUT M 8	2	2						
24	1	119171-59910	JOINT, PIPE	1	1						
25	1	22190-120002	SEAL WASHER 12	1	1						
26	1	128990-59540	PIPE,FUEL	1	1						
27	1	23000-016000	CLAMP 16	2	2						
28	1	123907-59540	BOLT, JOINT M6	5	5						
29	1	129508-59550	PIPE ASSY, RETURN	1	1						
30	2	123907-59550	PACKING	5	5						
31	1	119187-59562	PIPE, FUEL OIL	1	1						
32	1	123907-59560	JOINT	1	1						
33	1	129574-59990	JOINT, PIPE	1							
33-1	1	129574-59991	JOINT, PIPE	1	1						R
(A=*2006.07)											
34	1	22190-080002	SEAL WASHER 8S	1	1						
35	1	22190-120002	SEAL WASHER 12	2	2						
36	1	23000-013000	CLAMP 13	2	2						
37	1	129671-51990	SPACER,CSD CANCEL	1	1						



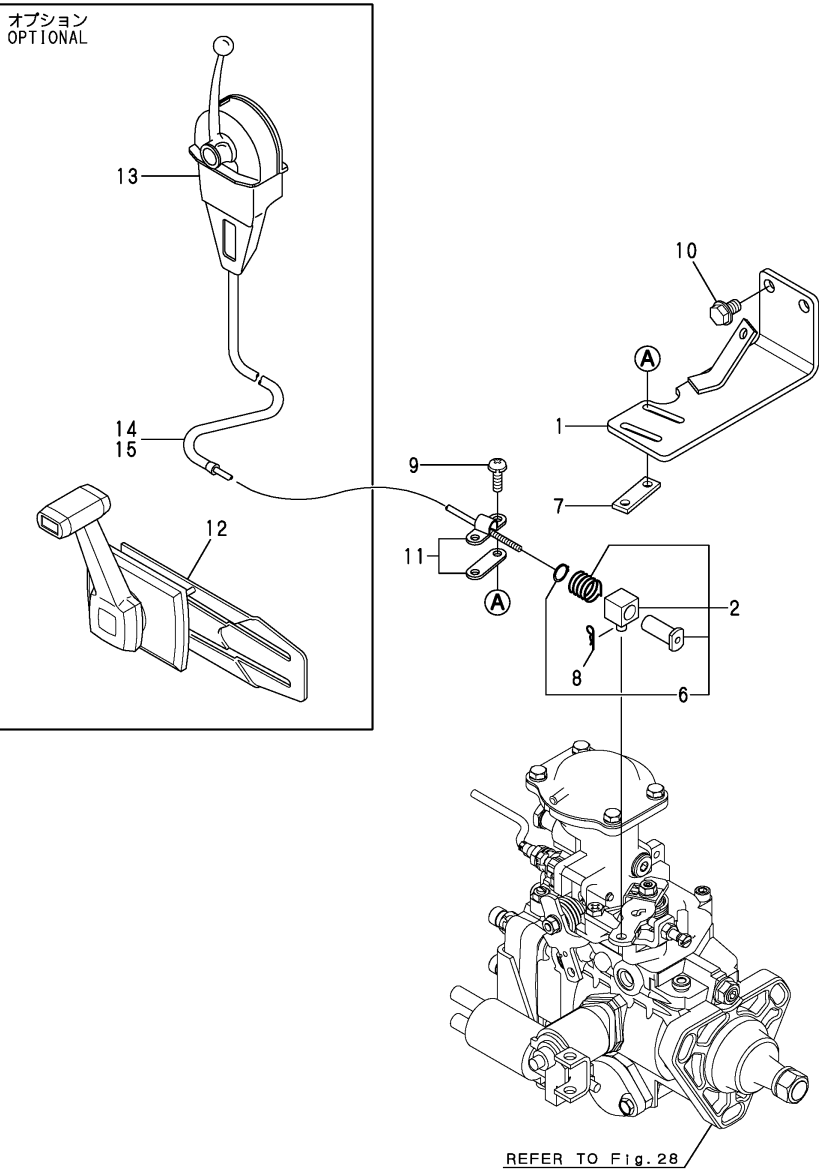
0CR10-G63601 32. FUEL TANK(OPTIONAL)

(A)=4JH4-TE
(B)=4JH4-HTE
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128990-59700	PIPE ASSY, FUEL OIL	1	1						
2	2	128990-59131	PIPE,FUEL	1	1						
4	2	138603-59380	CAP NUT	1	1						
5	2	23010-014000	CLAMP 14	2	2						
7	1	83213-003012	TANK ASSY, FUEL OIL	1	1						
8	2	105430-55041	CAP ASSY, FUEL TANK	1	1						

Fig.33. CABLE SUPPORT



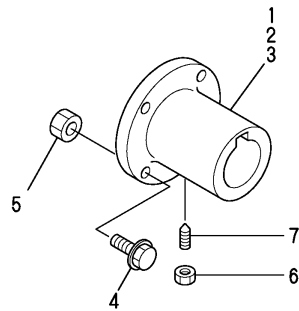
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129693-67102	BRACKET	1	1						
2	1	105311-67200	RETAINER, JOINT	1	1						
6	2	22242-000100	CIRCLIP 10	1	1						
7	1	121574-86320	RETAINER	1	1						
8	1	22414-250150	COTTER PIN 2.5X15	1	1						
9	1	26022-050162	SCREW M 5X 16	2	2						
10	1	26106-080122	BOLT M 8X 12 PLATED	2	2						
11	1	41710-000410	CLAMP	1	1						
12	1	128170-86501	REMOCON HEAD (MN	1	1						
13	1	41730-000681	MT-3 REMO-CON	1	1						
14	1	41710-000380	CABLE L=4000	2	2						
15	1	129470-86500	CABLE,REMO-CON.(7M)	2	2						

REF.	LEV.	PARTS NO.	DESCRIPTION	(A)=4JH4-TE (B)=4JH4-HTE (C)=						(D)= (E)= (F)=						I	R
				(A)	(B)	(C)	(D)	(E)	(F)								
1	1	129672-81000	CLUTCH, KM4A2 I=1.47	1	1												
2	1	129672-81010	CLUTCH, KM4A2 I=2.14	1	1												
3	1	129672-81020	CLUTCH, KM4A2 I=2.63	1	1												
4	1	129673-81010	MARINE GEAR I=2.04	1	1												
5	1	129673-81020	MARINE GEAR I=2.45	1	1												
6	1	129673-81100	MARINE GEAR,ZF25A	1	1												
7	1	129673-81110	MARINE GEAR,ZF25A	1	1												
8	1	129673-81200	MIRINE GEAR,ZF30M	1	1												
9	1	129673-81210	MIRINE GEAR,ZF30M	1	1												
10	1	26106-100302	BOLT M10X 30 PLATED	8	8												
11	1	26226-100222	STUD M10X 22 PLATED	2	2												
12	1	26716-100002	NUT 10	2	2												

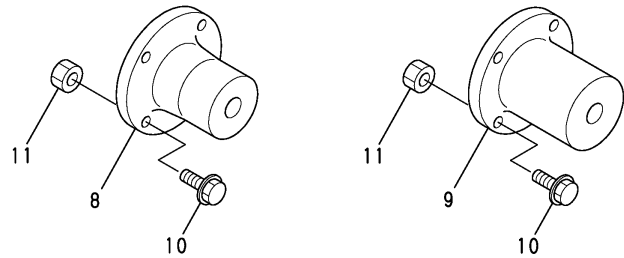
Remarks
THIS FIGURE ARE NOT ILLUSTRATED.

Fig.35. COUPLING(OPTIONAL)

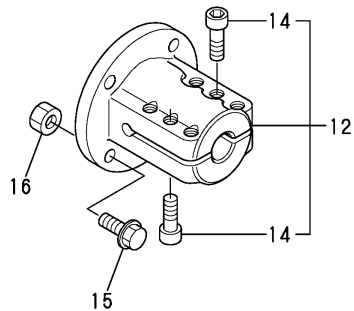
テーパカップリング
TAPER COUPLING



ストレートカップリング
STRAIGHT COUPLING



スリットカップリング
SLIT COUPLING

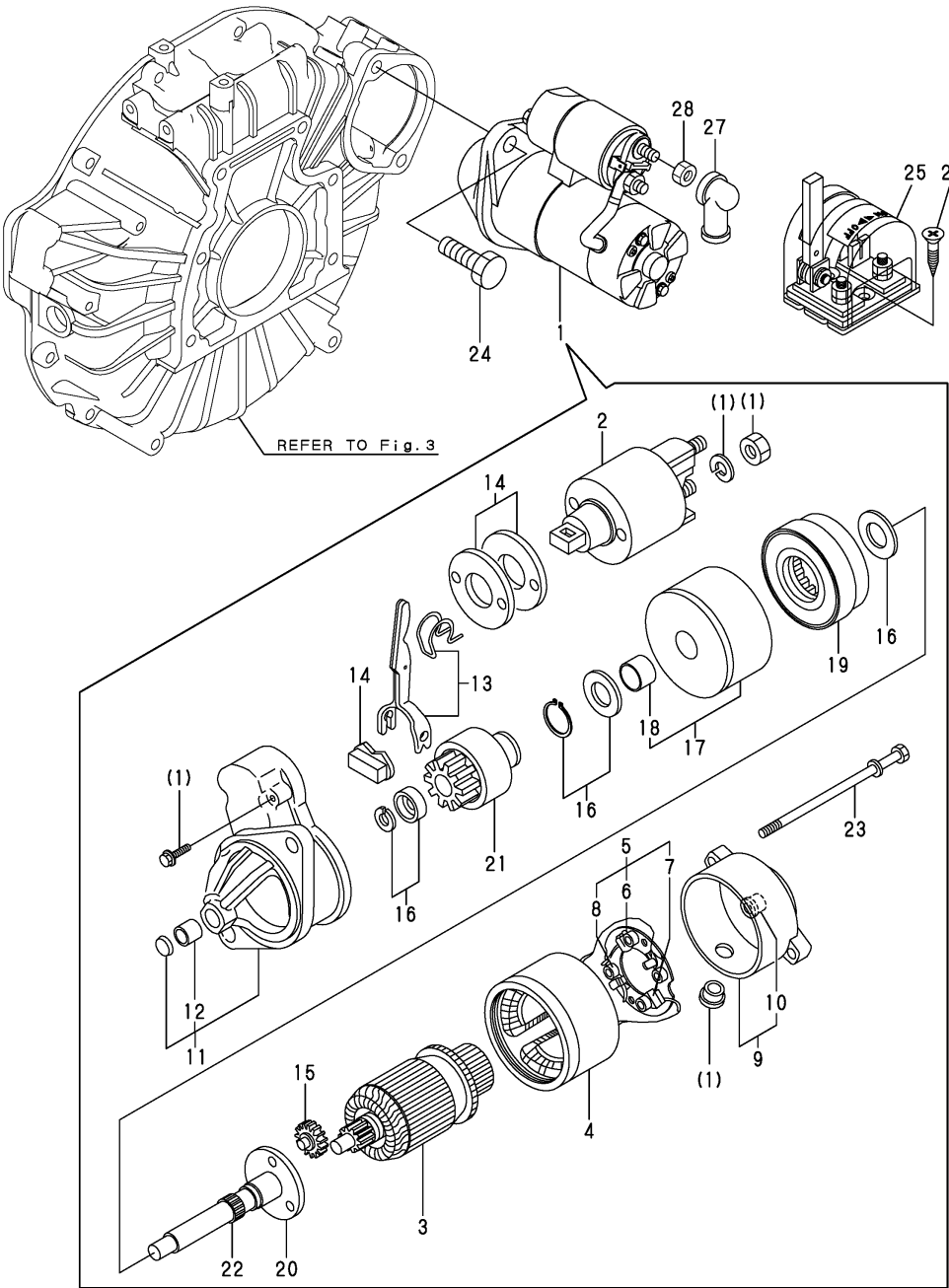


(A)=4JH4-TE
(B)=4JH4-HTE
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129473-85900	COUPLING, TAPER 38	1	1						
2	1	129473-85910	COUPLING, TAPER 40	1	1						
3	1	48110-034071	COUPLING, TAPER 34	1	1						
4	1	26106-100322	BOLT M10X 32 PLATED	4	4						
5	1	26706-100002	NUT M10	4	4						
6	1	26756-080002	LOCK NUT M 8 PLATED	1	1						
7	1	48110-032411	SCREW	1	1						
8	1	129470-85900	COUPLING	1	1						
9	1	129673-85100	CUPLING STRAIGHT ZF	1	1						
10	1	26106-100322	BOLT M10X 32 PLATED	4	4						
11	1	26706-100002	NUT M10	4	4						
12	1	129470-83750	COUPLING ASSY	1	1						
14	2	26450-120402	BOLT M12X 40	6	6						
15	1	26106-100322	BOLT M10X 32 PLATED	4	4						
16	1	26706-100002	NUT M10	4	4						

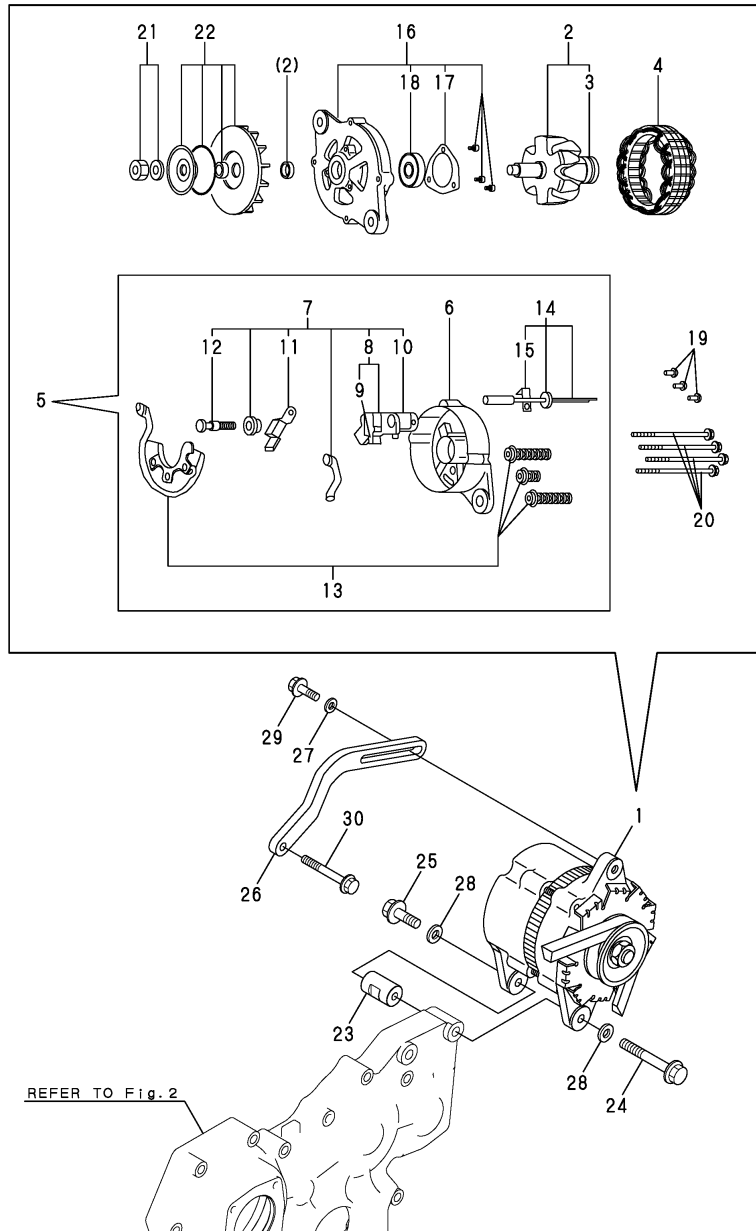
Fig.36. STARTING MOTOR



(A)=4JH4-TE
(B)=4JH4-HTE
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129608-77010	STARTER	1	1						
2	2	129698-77020	MAGNETIC SWITCH ASSY	1	1						
3	2	129698-77101	ARMATURE ASSY	1	1						
4	2	129608-77110	YOKE ASSY	1	1						
5	2	129698-77120	HOLDER ASSY, BRUSH	1	1						
6	3	129698-77140	BRUSH(+) SET	1	1						
7	3	129698-77130	BRUSH (-)	2	2						
8	3	129698-77150	SPRING, BRUSH	4	4						
9	2	129698-77161	COVER ASSY, REAR	1	1						
10	3	129698-77170	REAR COVER METAL	1	1						
11	2	129698-77260	HOUSING ASSY, GEARS	1	1						
12	3	X2114535200	METAL, STARTER	1	1						
13	2	129698-77270	LEVER SET, SHIFT	1	1						
14	2	129698-77280	COVER ASSY, DUST	1	1						
15	2	129698-77240	GEAR	3	3						
16	2	129698-77250	WASHER SET	1	1						
17	2	129698-77180	BRACKET	1	1						
18	3	129698-77190	BRACKET	1	1						
19	2	129698-77200	GEAR, INTERNAL	1	1						
20	2	129698-77210	BRACKET	1	1						
21	2	129698-77220	PINION ASSY	1	1						
22	2	129698-77230	SHAFT(PINION	1	1						
23	2	124195-77770	THROUGH BOLT	2	2						
24	1	26116-120302	BOLT M12X 30 PLATED	2	2						
25	1	123310-77640	SWITCH, BATTERY	1	1						
26	1	22724-800380	SCREW, M8X38	2	2						
27	1	124550-77030	COVER, TERMINAL	1	1						
28	1	26756-080002	LOCK NUT M 8 PLATED	1	1						

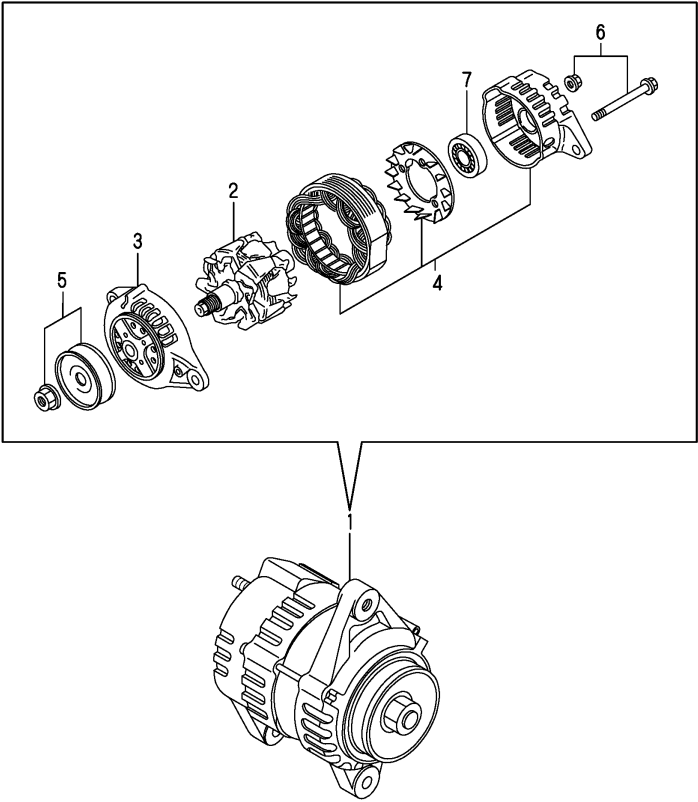


Remarks
(1)INC.9

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119573-77201	ALTERNATER(12V-80A	1	1						
2	2	XL180G61000	ROTOR ASSY	1	1						
3	3	119129-77320	BALL BEARING	1	1						
4	2	XL180120000	STATOR ASSY	1	1						
5	2	XL180G63006	COVER ASSY, REAR	1	1						
6	3	XL180G13012	COVER, REAR	1	1						
7	3	XL180G43150	BRUSH ASSY,REGULATOR	1	1						
8	4	XL155G1330	BRUSH ASSY	1	1						1
9	4	XL225G1325	BRUSH SET	2	2						
10	4	124080-77390	REGULATOR ASSY	1	1						
11	4	XL225431800	CONDENSER	1	1						
12	4	124080-77520	BOLT M5	2	2						
13	3	XL1808320	DIODE ASY	1	1						
14	3	119129-77250	WIRE	1	1						
15	4	119129-77260	CLAMP, LEAD WIRE	1	1						
16	2	XL235340110	COVER ASSY, FRONT	1	1						
17	3	XL150M14041	RETAINER	1	1						
18	3	X6303BM0000	BALL BEARING	1	1						
19	2	119129-77930	SCREW KIT	1	1						
20	2	119129-77890	BOLT, THROUGH	4	4						
21	2	119129-77900	NUT ASSY, PULLEY	1	1						
22	2	XL180G85001	PULLEY ASSY	1	1						
23	1	129670-77350	SPACER,GENERATOR	1	1						
24	1	129695-77370	BOLT 10X 75	1							
24-1	1	129695-77371	BOLT, M10X70	1	1						N
(A)="2006.04)											
25	1	129695-77380	BOLT 10X 30	1	1						
26	1	129670-77430	ADJUSTER, BELT	1	1						
27	1	22137-080000	WASHER 8, POLISHED	1	1						
28	1	22137-100000	WASHER 10,POLISHED	2	2						
29	1	26106-080252	BOLT M 8X 25 PLATED	1	1						
30	1	26106-080652	BOLT M 8X 65 PLATED	1	1						

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
(C)Copy Rights YANMAR CO.,LTD.

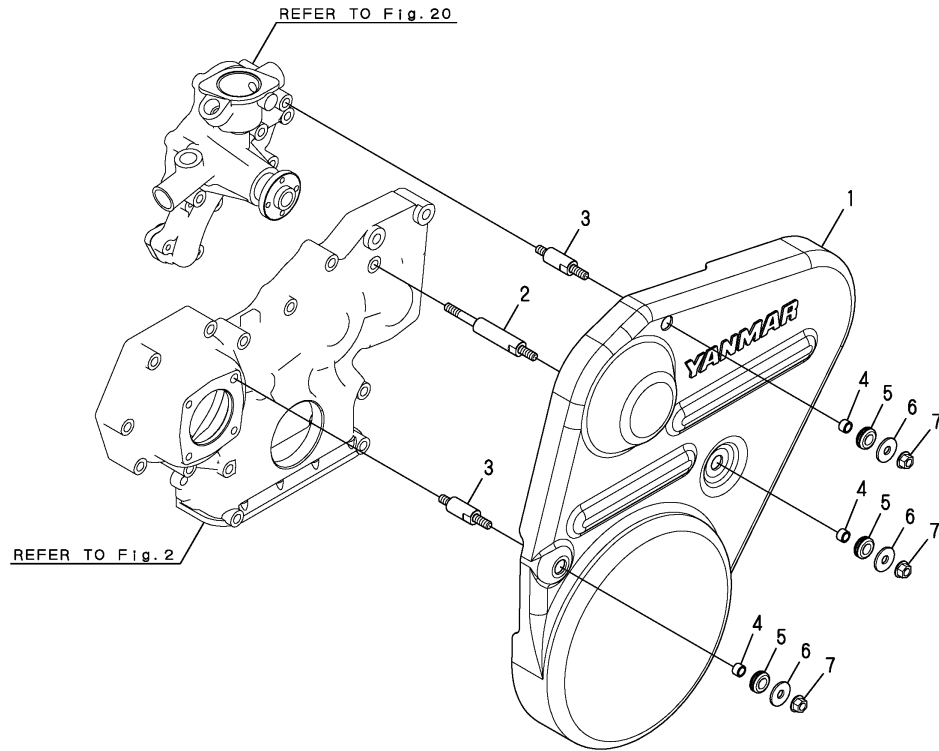
Fig.38. GENERATOR(60A/OPTIONAL)



(A)=4JH4-TE
(B)=4JH4-HTE
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128271-77200	GENERATOR 12V-60A	1	1						
2	2	123900-77700	ROTOR ASSY	1	1						
3	2	123900-77730	FRONT BRACKET ASSY	1	1						
4	2	128271-77730	BRACKET(STATOR+REGUL	1	1						
5	2	128271-77740	PULLEY	1	1						
6	2	128271-77750	SCREW KIT	1	1						
7	2	129900-77810	BALL BEARING	1	1						



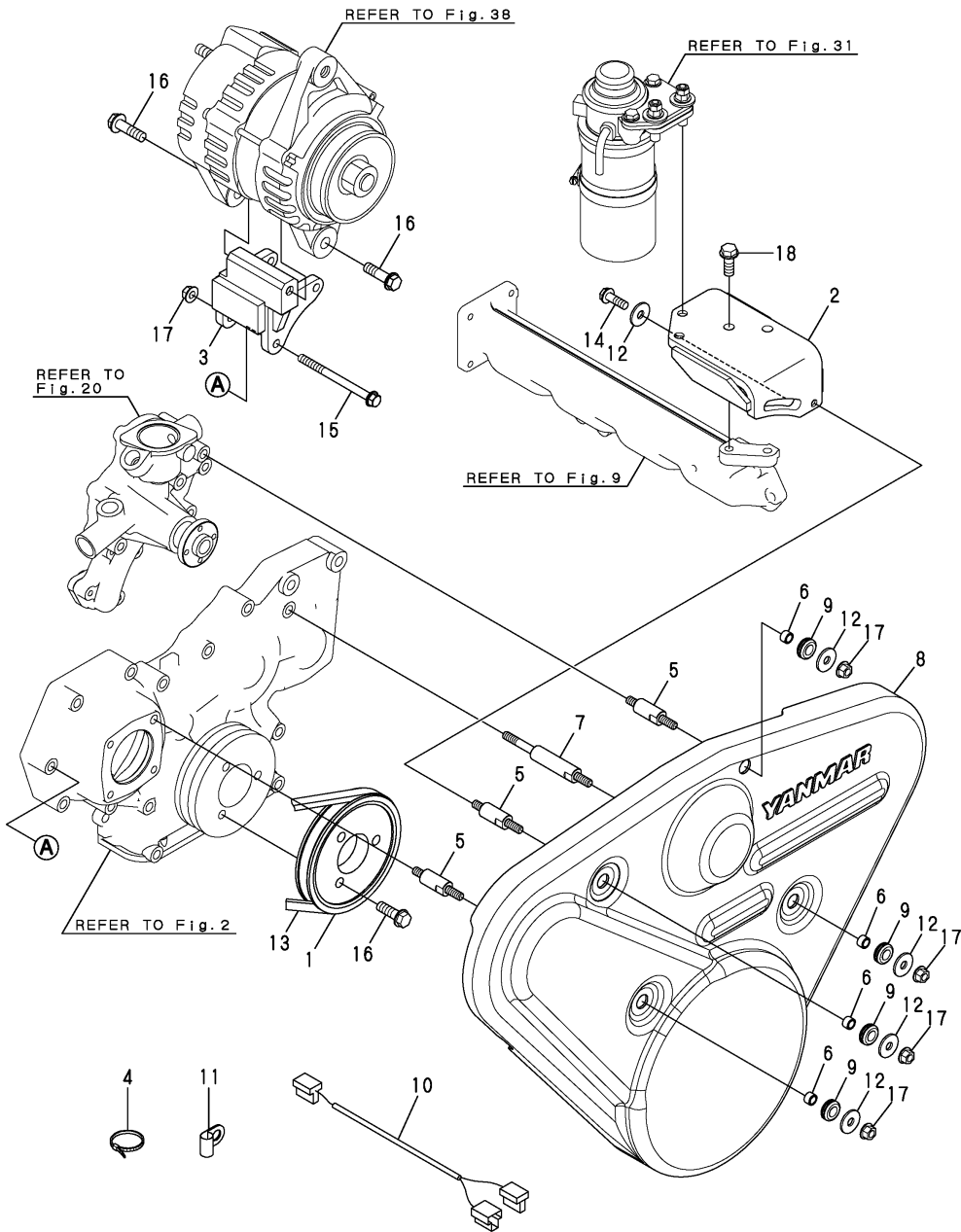
0CR10-G63601 39. V-BELT COVER

(A)=4JH4-TE
(B)=4JH4-HTE
(C)=

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

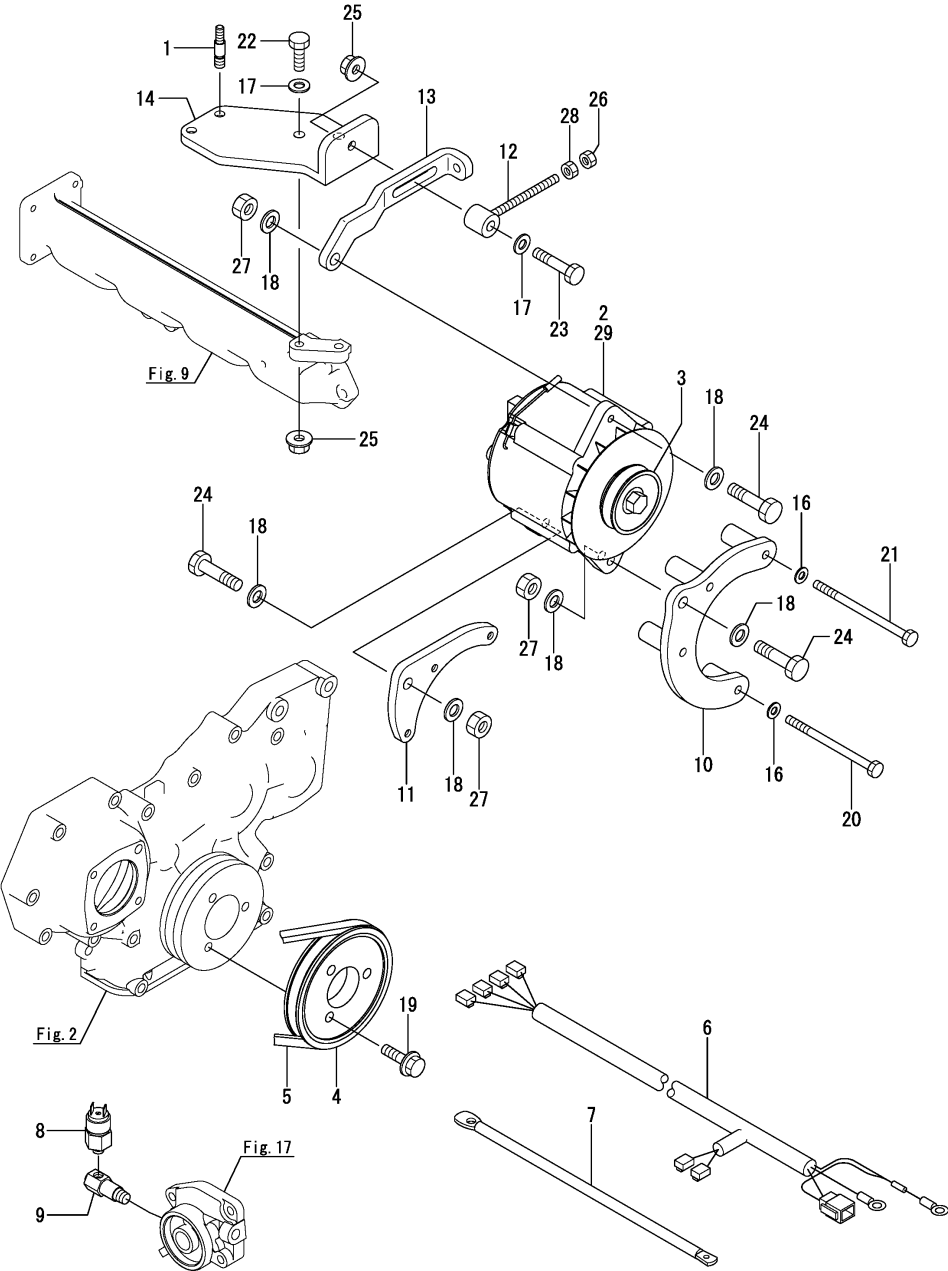
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129671-77400	COVER, BELT	1	1						
2	1	129671-77410	BOLT, BELT COVER	1	1						
3	1	129271-77420	BOLT, BELT COVER	2	2						
4	1	128990-77430	COLLAR, BRACKET	3	3						
5	1	128990-77610	GROMMET	3	3						
6	1	22157-080000	WASHER 8	3	3						
7	1	26306-080002	NUT, M8	3	3						

Fig.40. V-BELT COVER & GENERATOR ATTACHMENT PART(OPTIONAL)



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129271-21350	V-PULLEY	1	1						
2	1	129671-55720	BRACKET, FILTER	1	1						
3	1	129671-77320	BRACKET,ALTERNATOR	1	1						
4	1	121750-59890	CLAMP 140	1	1						
5	1	129271-77420	BOLT, BELT COVER	3	3						
6	1	128990-77430	COLLAR, BRACKET	4	4						
7	1	129271-77430	BOLT, BELT COVER	1	1						
8	1	129671-77520	COVER, BELT	1	1						
9	1	128990-77610	GROMMET	4	4						
10	1	129271-77931	HARNESS,ALTERNATOR	1	1						
11	1	23297-270081	RETAINER, A27X12	1	1						
12	1	22157-080000	WASHER 8	5	5						
13	1	25132-003800	V-BELT	1	1						
14	1	26106-080252	BOLT M 8X 25 PLATED	1	1						
15	1	26106-080852	BOLT M 8X 85 PLATED	2	2						
16	1	26106-100302	BOLT M10X 30 PLATED	5	5						
17	1	26306-080002	NUT, M8	6	6						
18	1	26106-100252	BOLT M10X 25 PLATED	2	2						

Fig.41. GENERATOR(130A) & GENERATOR ATTACHMENT
PART(OPTIONAL)

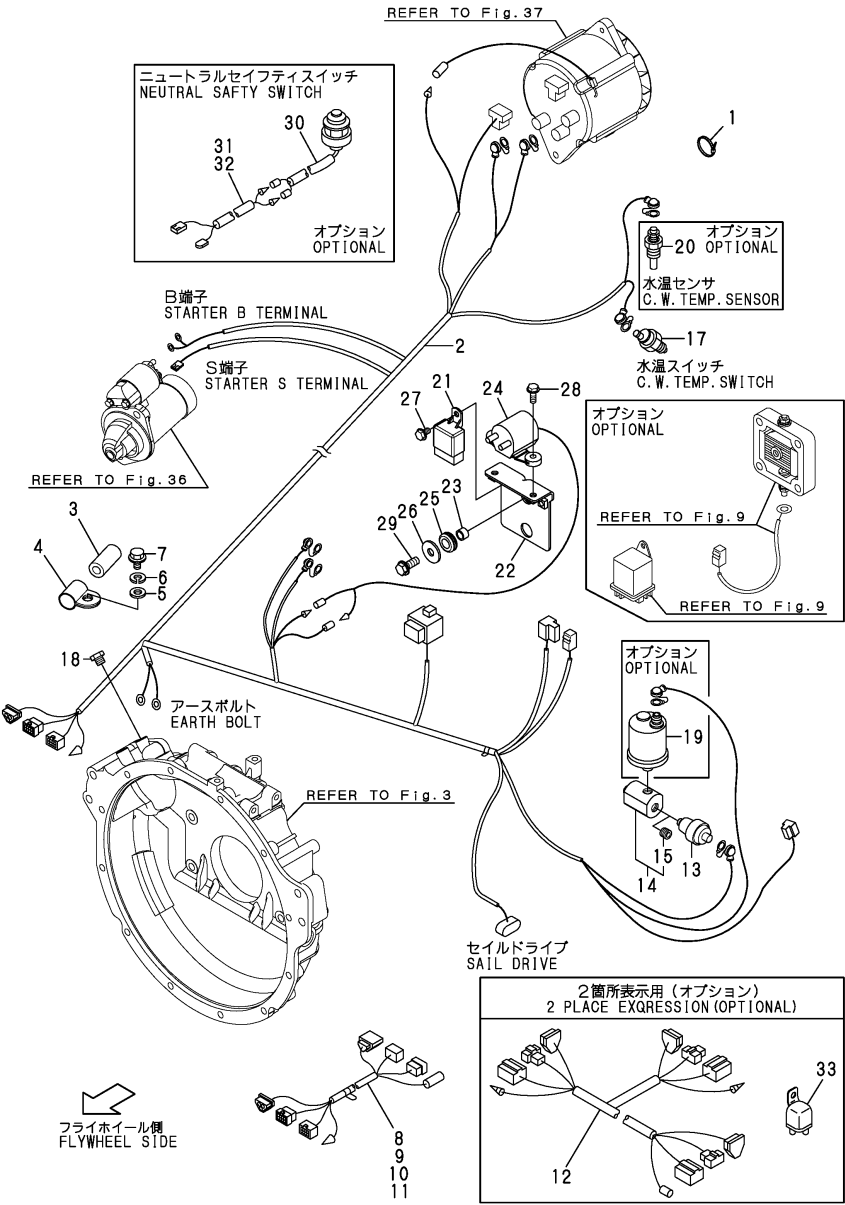


OCR10-G63601 41. GENERATOR(130A) & GENERATOR ATTACHMENT
PART(OPTIONAL)

(A)=4JH4-TE (D)=
(B)=4JH4-HTE (E)=
(C)= (F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129671-55660	BOLT, BRACKET	2	2						
2	1	129271-77220	ALTERNATOR, 12V-130A	1	1						
3	1	129271-77240	PULLEY,ALTERNATOR	1	1						
4	1	129271-77250	PULLEY,CRANK	1	1						
5	1	129671-77260	BELT,6PK1088	1	1						
6	1	129271-77270	WIREHARNES,ALTERNAT	1	1						
7	1	129271-77280	GROUND CABLE	1	1						
8	1	129271-77290	SWITCH,OIL PRESSURE	1	1						
9	1	129271-77320	DAMPER CMP(R 1/4	1	1						
10	1	129671-77340	BRACKET,ALT FRONT	1	1						
11	1	129671-77350	BRACKET,ALT REAR	1	1						
12	1	129671-77360	ADJUSTER,ALTERNATOR	1	1						
13	1	129671-77370	BRACKET,ADJUSTER	1	1						
14	1	129671-77380	BRACKET,FO FILTER	1	1						
16	1	22137-080000	WASHER 8, POLISHED	7	7						
17	1	22137-100000	WASHER 10,POLISHED	3	3						
18	1	22137-120000	WASHER 12,POLISHED	6	6						
19	1	26106-100352	BOLT M10X 35 PLATED	3	3						
20	1	26116-081202	BOLT M 8X120 PLATED	1	1						
21	1	26116-081302	BOLT M 8X130 PLATED	3	3						
22	1	26116-100304	BOLT M10X 30 PLATED	2	2						
23	1	26116-100502	BOLT M10X 50 PLATED	1	1						
24	1	26116-120502	BOLT M12X 50	3	3						
25	1	26366-100002	NUT M10	3	3						
26	1	26716-080002	NUT M 8	5	5						
27	1	26716-120002	NUT 12	3	3						
28	1	26756-080002	LOCK NUT M 8 PLATED	1	1						
29	1	129271-77230	ALTERNATOR, 24V-75A	1	1						

Fig.42. WIRE HARNESS & SENSOR



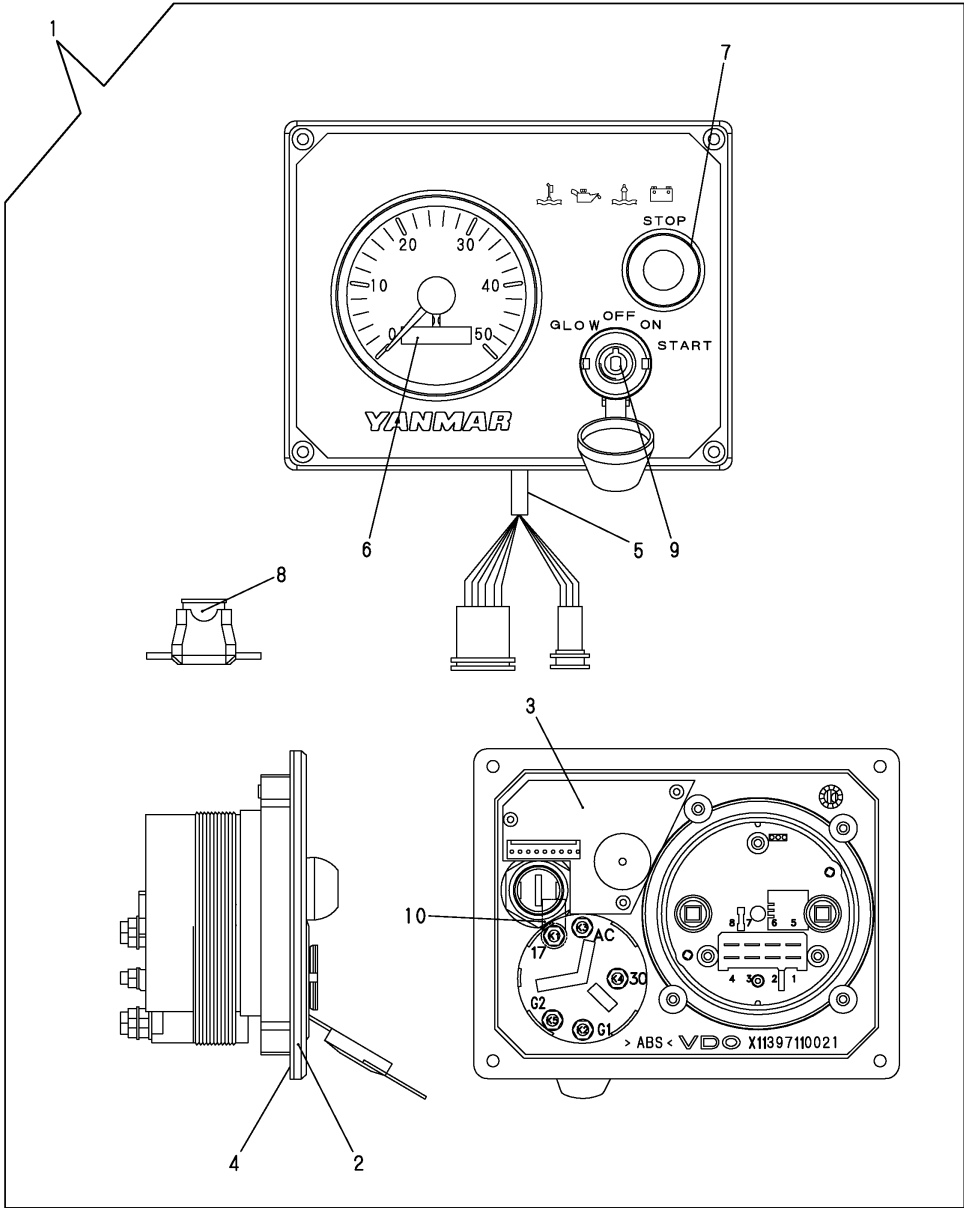
Remarks
(1)C-PANEL
(2)KM4A2
(3)KMH4A

(A)=4JH4-TE
(B)=4JH4-HTE
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194250-51660	BAND 250	1	1						
2	1	129671-77910	HARNESS, WIRE	1	1						
3	1	124770-77940	PROTECTOR	1	1						
3-1	1	129670-77940 (A=E XXX) (B=E XXX)	PROTECTOR	1	1						R
4	1	124070-77950	CLAMP, WIRE	1	1						
4-1	1	23297-180081 (A=E XXX) (B=E XXX)	RETAINER, A18X8	1	1						N
5	1	22137-080000	WASHER 8, POLISHED	1	1						
6	1	22217-080000	WASHER, 8	1	1						
7	1	26106-080162	BOLT M 8X 16 PLATED	1	1						
8	1	128391-77720	HARNESS, WIRE	1	1						
9	1	129574-77710	HARNESS, WIRE(4M)	1	1						
10	1	129574-77720	HARNESS, WIRE(6M)	1	1						
11	1	129574-77740	HARNESS, WIRE	1	1						
12	1	129574-77980	HARNESS, WIRE	1	1						
13	1	124060-39452	SWITCH, OIL PRESSURE	1	1						
14	1	129670-39600	DAMPER ASSY	1	1						
15	2	23875-010000	PLUG, PT1/8	1	1						
17	1	120130-91370	SWITCH, THERMO(100 C	1	1						
18	1	23887-180002	PLUG 18	1	1						
19	1	119773-91650	SENDER, UNIT	1	1						1
20	1	119773-91700	SENDER, UNIT	1	1						1
21	1	119247-77100	RELAY, SAFETY	1	1						
22	1	128990-77400	BRACKET, RELAY	1	1						
23	1	128990-77430	COLLAR, BRACKET	2	2						
24	1	120270-77511	RELAY, MAGNETIC	1	1						Z
24-1	1	128990-77550 (A=E XXX) (B=E XXX)	RELAY, MAGNET	1	1						N
25	1	128990-77610	GROMMET	2	2						
26	1	22157-080000	WASHER 8	2	2						
27	1	26106-060102	BOLT 6X 10 PLATED	1	1						
28	1	26106-060162	BOLT M 6X 16 PLATED	2	2						
29	1	26106-080202	BOLT M 8X 20 PLATED	2	2						
30	1	120270-77101	SWITCH, SAFETY	1	1						
31	1	129570-77960	HARNESS, WIRE	1	1						2
32	1	177074-06350	HARNESS, WIRE	1	1						3
33	1	119773-91850	RELAY	1	1						

Fig.43. INSTRUMENT PANEL(B-TYPE/OPTIONAL)

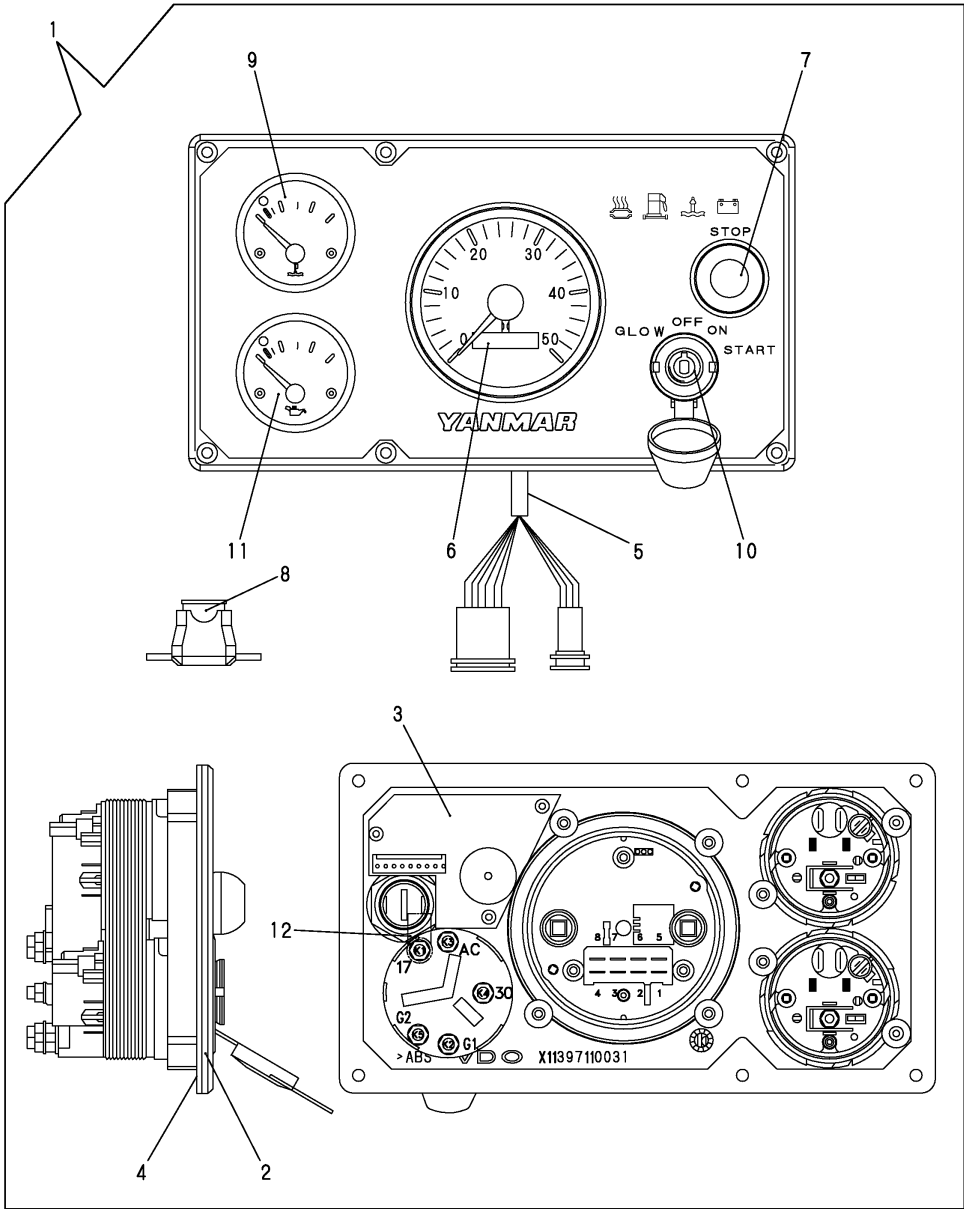


OCR10-G63601 43. INSTRUMENT PANEL(B-TYPE/OPTIONAL)

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129271-91110	PANEL, INSTRUMENT B	1							
1-1	1	129271-91111	PANEL, INSTRUMENT B	1	1						N
(A=*2006.02)											
2	2	129271-91120	PANEL, B	1	1						
3	2	129271-91130	CIRCUIT WITH LED&BZR	1	1						
4	2	129271-91140	SEAL, RUBBER	1	1						
5	2	129271-91150	HARNESS,B PANEL	1	1						
6	2	129271-91210	TACHOMETER	1	1						
7	2	129271-91220	SWITCH, STOP	1	1						
8	2	129271-91230	FUSE,PANEL (3A)	1	1						
9	2	127412-91250	SWITCH W/KEY	1	1						
10	2	129271-91260	CAP, RUBBER	1	1						W

(A=*2006.02)

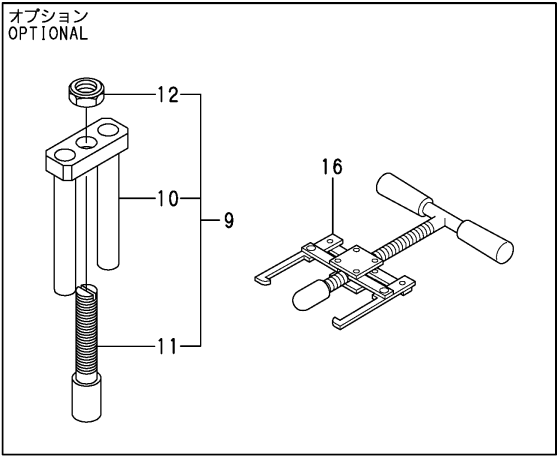
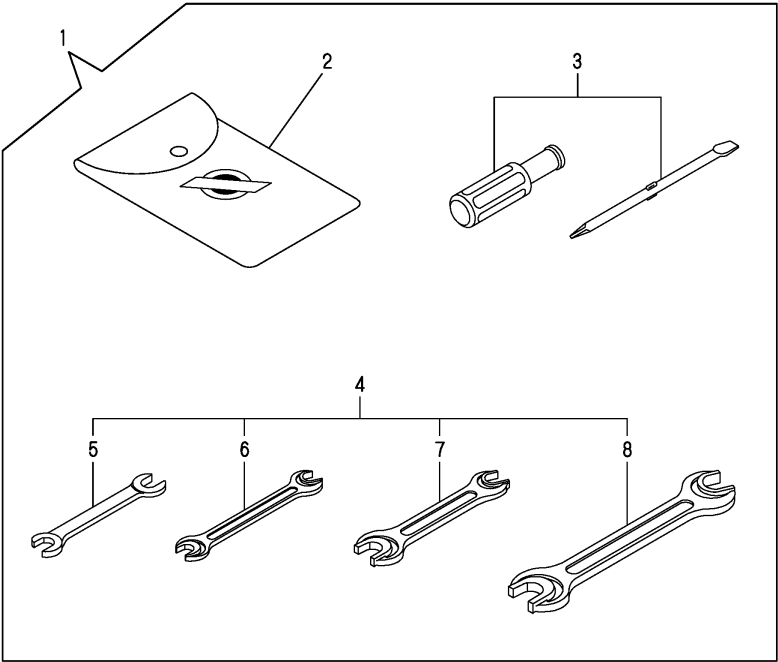
Fig.44. INSTRUMENT PANEL(C-TYPE/OPTIONAL)



OCR10-G63601 44. INSTRUMENT PANEL(C-TYPE/OPTIONAL)

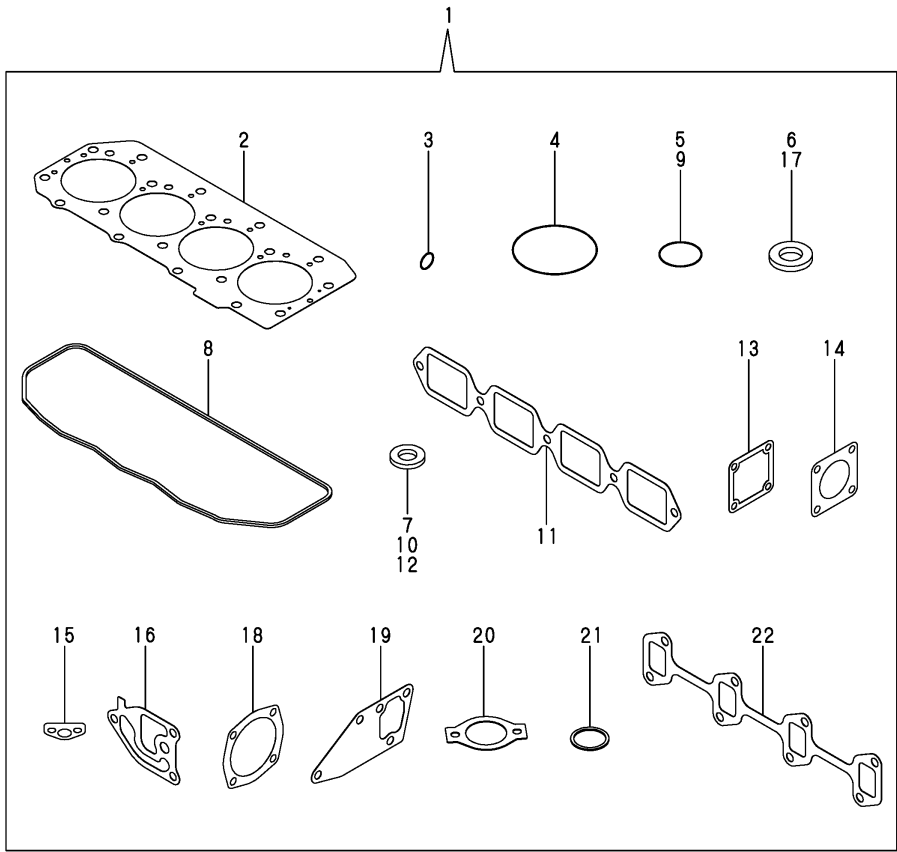
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129271-91160	PANEL, INSTRUMENT C	1							
1-1	1	129271-91161	PANEL, INSTRUMENT C	1	1						N
(A=*2006.02)											
2	2	129271-91170	PANEL WITH COVERFOIL	1	1						
3	2	129271-91180	CIRCUIT	1	1						
4	2	129271-91190	RUBBER SEAL,C PANEL	1	1						
5	2	129271-91200	HARNESS, WIRE	1	1						
6	2	129271-91210	TACHOMETER	1	1						
7	2	129271-91220	SWITCH, STOP	1	1						
8	2	129271-91230	FUSE,PANEL (3A)	1	1						
9	2	129271-91240	METER, WATER TEMP.	1	1						
10	2	127412-91250	SWITCH W/KEY	1	1						
11	2	129271-91250	GAUGE, PRESSURE	1	1						
12	2	129271-91260	CAP, RUBBER	1	1						W
(A=*2006.02)											

Fig.45. TOOL



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129270-92100	TOOL KIT	1	1						
2	2	129270-92600	BAG, TOOL	1	1						
3	2	129270-92650	DRIVER	1	1						
4	2	129270-92690	WRENCH ASSY	1	1						
5	3	129270-92610	WRENCH, 10X13	1	1						
6	3	129270-92620	WRENCH, 12X14	1	1						
7	3	129270-92630	WRENCH, 17X19	1	1						
8	3	129270-92640	WRENCH, 22X24	1	1						
9	1	129470-92300	TOOL ASSY.	1	1						
10	2	129470-92310	TOOL,NOZZLE REMOVE A	1	1						
11	2	129470-92320	TOOL,NOZZLE REMOVE B	1	1						
12	2	26716-120002	NUT 12	1	1						
13	1	129671-92110	PULLER ASSY,IMPELLER	1	1						
14	2	129671-92120	PULLER, IMPELLER	1	1						
15	2	129671-92130	BOLT, M10X40	1	1						
16	1	129671-92100	TOOL, IMPELLER PULL	1	1						

Fig.46. GASKET SET(OPTIONAL)



OCR10-G63601 46. GASKET SET(OPTIONAL)

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729671-92600	GASKET SET	1	1						
2	2	129693-01341	GASKET, HEAD	1	1						
3	2	24311-000160	O-RING 1A P-16.0	2	2						
4	2	121850-51960	O-RING, F.I.PUMP	1	1						
5	2	24311-000320	O-RING 1A P-32.0	1	1						
6	2	22190-120002	SEAL WASHER 12	3	3						
7	2	23414-160000	GASKET 16, ROUND	2	2						
8	2	129508-11310	GASKET, BONNET	1	1						
9	2	24311-000120	O-RING 1A P-12.0	3	3						
10	2	23414-100000	GASKET 10, ROUND	3	3						
11	2	129671-12130	GASKET, MANIFOLD	1	1						
12	2	23414-080000	GASKET 8, ROUND	2	2						
13	2	129150-77511	GASKET, AIR HEATER	1	1						
14	2	129472-18090	GASKET	1	1						
15	2	129150-35042	GASKET, PIPE	1	1						
16	2	129103-35122	GASKET	1	1						
17	2	22190-100002	WASHER, 10	2	2						
18	2	129150-01881	GASKET, COVER	2	2						
19	2	129486-42050	GASKET, PUMP	1	1						
20	2	129795-49551	GASKET, COVER	1	1						
21	2	129470-49810	GASKET, THERMOSTAT	1	1						
22	2	129550-13110	GASKET, EXH.MANIFOLD	1	1						

Part Number Index

All parts are stipulated in the order of part numbers.

(Depending on the area in which the part is used.)

This index will display the location of the part according to each part number.

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