



PARTS CATALOG

How to read this Parts Catalog.

- Parts mentioned in Parts Catalog may not necessarily be standard equipping parts
- Parts change may be made without prior notice.
- Form of this Parts Catalog.

Y00F2161 29. FUEL INJECTION PUMP(W/BOOST)									
REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)
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	1
		(A=E00185) (B=E00200)							
3	2	26022-060162	SCREW M 6X 16	9	9	9	9	9	9
3-1	2	26022-060162	SCREW M 6X 16	4	4	4	4	4	4
		(A=E00156) (B=E00156) (C=E00156) (D=E00156) (E=E00156)							
4	2	129470-51040	CAMSHFT	1	1	1	1	1	1
5	2	122710-51050	BEARING,ROLLER	2	2	2	2	2	2
6	2	129470-50160	RETAINER	1	1	1	1	1	1
Remarks									
(1) BOOST COMPENSATOR TYPE. OPTIONAL PART. TO E/#00155 (4JH-DT,4JH-DTZ)									

① Ref. No.

The Ref. No. in the list may not be accord with the Ref. No. on illustration.

(Ex.) Illustration No.

List head No.

1

1

(Before change)

→

1

(After change)

When interchangeable symbol N, R, and K, illustrations for new parts are sometimes omitted.

② Lev.(Level)

Indication and Meaning of Level

Level Hereunder is given the relation among the number of number (1,2,3) the level and the nominal parent-child relationship.

1 ----- Parent parts (Assembly parts)

2 ----- Child parts included in "1" (Semi-Assembly parts, component parts of Assembly parts.)

3 ----- Child parts included in "2", Grand-child parts in terms of "1".

(Component parts of Semi- Assembly parts.)

Note) A parts of non- sale parts are illustrated but not listed.

③ Change Mark

Change Mark "I" is given to the part for which a design change was made at this time.

The design change was not shown in the last published Parts Catalog.

④ Interchangeability Mark

In the case where a part change took place, one of the following interchangeability marks is indicated for that part.

Symbol	Interchangeability	Contents note
N	Old ↔ New	New Part is interchangeable for Old Part but not interchangeable conversely.
Q	Old ↔ New	New Part is not interchangeable for Old Part but interchangeable conversely.
R	Old ↔ New	New Part is interchangeable for Old Part and vice versa.
S	Old ↔ New	New Part is not interchangeable for Old Part and vice versa.
W		Part newly added.
Z		Part discontinued.
F		Not interchangeable single part but interchangeable by set of the related parts.
K		Changed only in quantity used.

⑤ Effective Machine No.

When a part is changed, Effective Machine No. of a Model for which the part is applicable is indication in each column of (A)- (F).

Product Symbol	Product No.	Product Symbol	Product No.
C	Clutch No. Compressor No.	M	Machine No.
D	Drive No.	T	Tractor No.
E	Engine No.	Note1) ※	Date

Note1) Date may follow the symbol in some cases. (Ex.) ※ 1996.01

Note2) As far as engine models shown by "XXX" are concerned, the modification of the parts could not be predicted or the engine models themselves could not be identified.

Note3) (A=E/#00185) means that the design change on the part has been effective for the model at the column (A) (in this case, for 4JH- DT) on and from E/#(Engine Serial Number) 00185.

⑥ Remarks Mark

Figures or alphabets (Symbols) are entered in the remark column.

The comments(remarks)on the pertinent parts are indicated in the lower part of the list by the same symbols as those stated above.

Introduction

1. This parts catalog contains the previous information on the 4JH3E (Pats Catalog No.:000Y00R4670) as well as the new one on the 4JH3E-TE (Pats Catalog No.:000Y00R4740) and 4JH3CE, 4JH3CE1, 4JH3E-TCE.

	Parts catalog No.	Date of issue	Remarks
First edition	000Y00R4670	May, 1997	No need
First edition	000Y00R4740	May, 1998	No need
1st edition(supplement)	000Y00R4671	Oct., 2002	

2. This parts catalog dose not covers the reduction reverser and outboard engine. Please refer to the separate parts catalog, (No.000Y00R3001 KM4A KM4A1 or 000Y00R4790 KMH4A or 000Y00R4900 KM3A1 or 000Y00R4910 KM3P4 or 000Y00R5470 KBW20-1 KBW21 or 000Y00F5970 KM35A KM35P or 000Y00F4021 SD31 or 000Y00F5761 SD40 SD40-4T), 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 dose not contain the technical data needed for maintenance service.

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

6. Specification

Engine model	4JH3E	4JH3CE	4JH3CE1	4JH3-TE	4JH3-TCE		
Type	4-stroke, vertical, water-cooled, diesel engine						
No. of cylinder - Bore(mm) x Stroke(mm)	4 - 84 x 90						
Continuous rating kW/min ⁻¹ (PS/rpm)	36.8/3650 (50/3650)	34.6/3650 (47/3650)	36.8/3650 (50/3650)	50.7/3700 (69/3700)			
Combustion system	Direct injection						
Starting system	Electric starting 12V-1.2kW			Electric starting 12V-1.4kW			
Power take-off position	Flywheel side						
Cooling system	Fresh water (Filtered sea water) cooling						
Lubrication system	Forced lubrication						
Recuction reverse	KM3P4	2.36 2.61	SD31	SD40	KM4A	1.47 2.14 2.63 3.30	SD40-4T
	KM35P				KMH4A	2.04 2.45	
	KM3A1	2.33 2.64			KBW21	2.17 2.62	
	KM35A						
	KM4A1	1.47 2.14 2.63 3.30					
	KBW20-1	2.17 2.62 3.28					

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.

CONTENTS

MODEL : 4JH3E(CE/CE1)-TE(TCE)
PC NO : 0CR10-G46701

Fig.No.	GROUP NAME
4JH3E(CE/CE1)-TE(TCE)	
1.	CYLINDER BLOCK(4JH3E)
2.	CYLINDER BLOCK(4JH3-TE)
3.	GEAR HOUSING(4JH3E)
4.	GEAR HOUSING(4JH3-TE)
5.	FLYWHEEL HOUSING
6.	MOUNTING FOOT(4JH3E)
7.	MOUNTING FOOT(4JH3-TE)
8.	LUB.OIL SUMP(4JH3E)
9.	LUB.OIL SUMP(4JH3-TE)
10.	LABEL
11.	CYLINDER HEAD(4JH3E)
12.	CYLINDER HEAD(4JH3-TE)
13.	BONNET
14.	SUCTION MANIFOLD
15.	TURBOCHARGER
16.	TURBOCHARGER COMPONENT PART
17.	CAMSHAFT
18.	CRANKSHAFT & FLYWHEEL
19.	PISTON(4JH3E)
20.	PISTON(4JH3-TE)
21.	LUB.OIL COOLER(4JH3E)
22.	LUB.OIL COOLER(4JH3-TE)
23.	LUB.OIL PIPE(4JH3-TE)
24.	LUB.OIL SYSTEM(4JH3E)
25.	LUB.OIL SYSTEM(4JH3-TE)
26.	COOLING SEA WATER PUMP
27.	COOLING FRESH WATER PUMP
28.	COOLING FRESH WATER COOLER
29.	C.S.W.PIPE(4JH3E)

Fig.No.	GROUP NAME
30.	C.S.W.PIPE(4JH3-TE)
31.	COOLING FRESH WATER PIPE
32.	C.S.W.STRAINER(OPTIONAL)
33.	BILGE PUMP(STD)
34.	BILGE PUMP(DX)
35.	FUEL INJECTION PUMP(4JH3E)
36.	FUEL INJECTION PUMP(4JH3-TE)
37.	GOVERNOR
38.	FUEL FEED PUMP & TIMER
39.	FUEL INJECTION VALVE
40.	FUEL INJECTION PIPE
41.	FUEL PIPE(4JH3E)
42.	FUEL PIPE(4JH3-TE)
43.	FUEL TANK
44.	ENGINE STOP DEVIC(4JH3E)
45.	ENGINE STOP DEVIC(4JH3-TE)
46.	STARTING MOTOR(4JH3E)
47.	STARTING MOTOR(4JH3-TE)
48.	GENERATOR(4JH3E:PREVIOUS)
49.	GENERATOR(4JH3E:NEW)
50.	GENERATOR(4JH3E:OPTIONAL)
51.	GENERATOR(4JH3-TE)
52.	GENERATOR(4JH3-TE:PREVIOUS)
53.	GENERATOR(4JH3-TE:NEW)
54.	WIRE HARNESS & SENSOR
55.	WIRE HARNESS(EARTH FLOAT TYPE)
56.	INSTRUMENT PANEL(B:4JH3E)
57.	INSTRUMENT PANEL(B:4JH3-TE)
58.	INSTRUMENT PANEL(C:4JH3E:PREVIOUS)
59.	INSTRUMENT PANEL(C:4JH3E)

CONTENTS

MODEL : 4JH3E(CE/CE1)-TE(TCE
PC NO : 0CR10-G46701

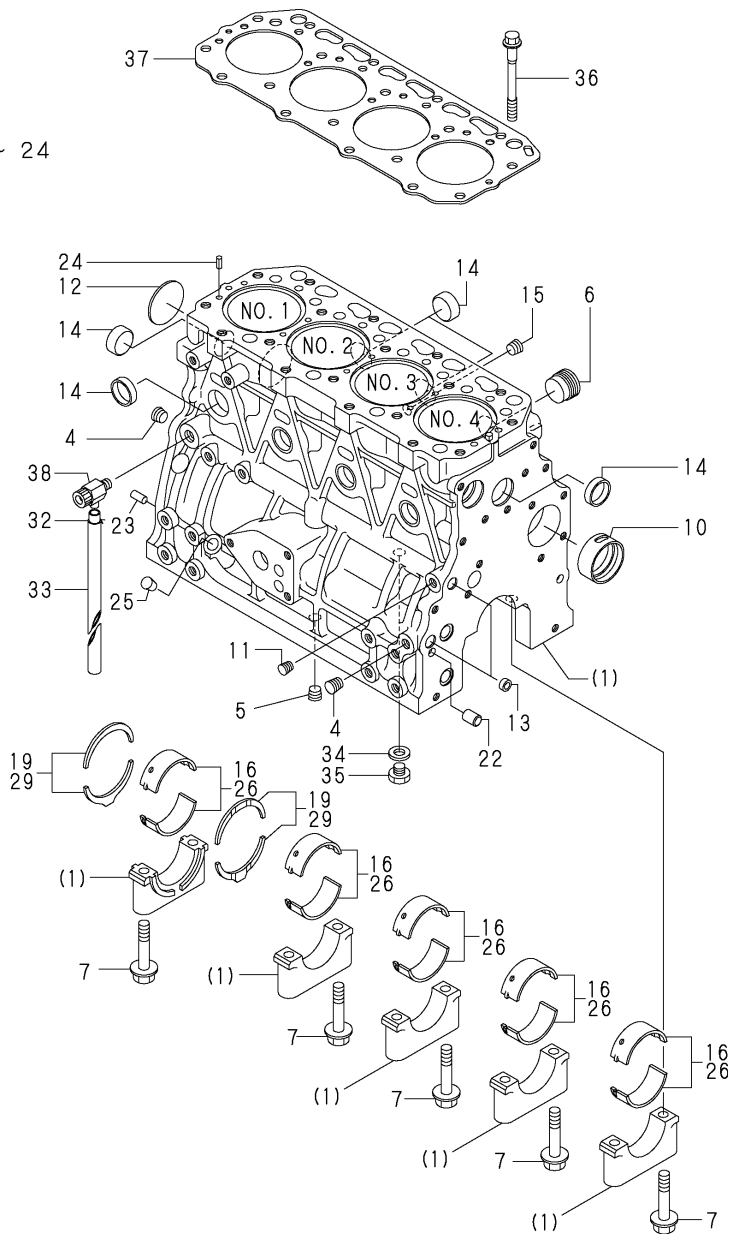
Fig.No. GROUP NAME

- 60. INSTRUMENT PANEL(C:4JH3-TE)
- 61. INSTRUMENT PANEL(C:4JH3-TE)
- 62. INSTRUMENT PANEL(D:4JH3-TE)
- 63. INSTRUMENT PANEL(E:4JH3-TE)
- 64. PANEL(B:NEW TYPE:4JH3E)
- 65. PANEL(B:NEW TYPE:4JH3-TE)
- 66. PANEL(C:NEW TYPE:4JH3E)
- 67. PANEL(C:NEW TYPE:PREVIOUS)
- 68. PANEL(C:NEW TYPE:4JH3-TE)
- 69. PANEL(D:NEW TYPE:4JH3-TE)
- 70. CLUTCH
- 71. CUPRING
- 72. TOOL

Fig.No. GROUP NAME

Fig.1. CYLINDER BLOCK(4JH3E)

1inc.(1) ~ 24

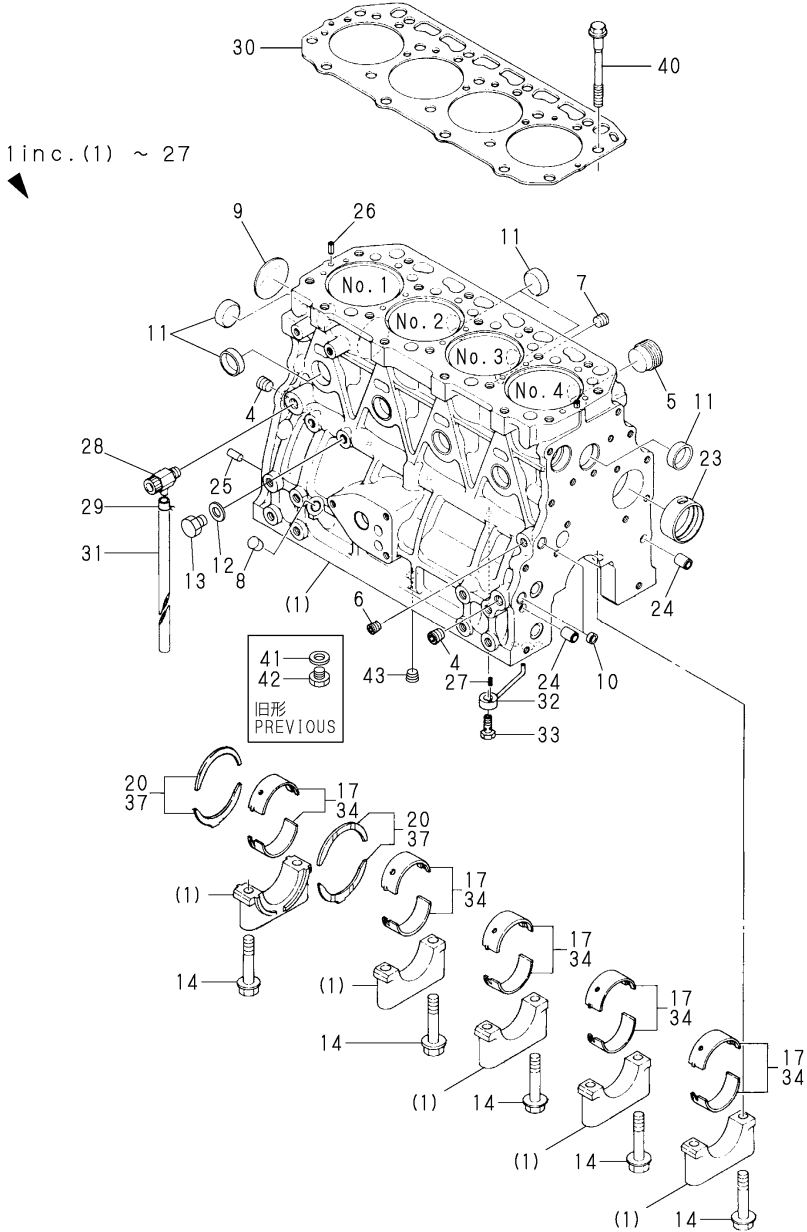


Remarks
(1)UNDER SIZE(U.S=0.25)PART.
(2)OVER SIZE(O.S=0.25)PART.

OCR10-G46701 1. CYLINDER BLOCK(4JH3E)

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729670-01560	CYL. BLOCK ASSY	1	1	1					
4	3	124160-01910	PLUG PT1/4	2	2	2					
I 5	3	124160-01910	PLUG PT1/4	1	1						Z
(A=E/#21293) (B=E/#21293)											
6	3	171051-01921	PLUG	1	1	1					
7	3	129150-02020	BOLT, METAL CAP	10	10	10					
10	3	129795-02411	BUSH, CAMSHAFT	1	1	1					
11	3	23876-010000	PLUG PT1/8,SCREW	1	1	1					
12	3	27231-500000	PLUG 50	1	1	1					
12-1	3	129001-01250	PLUG 50	1	1	1					N
(A=E/#22379) (B=E/#22379) (C=E/#22379)											
13	3	27241-120000	PLUG 12	2	2	2					
14	3	27241-300000	PLUG 30	8	8	8					
15	2	23876-030000	PLUG PT3/8,SCREW	1	1	1					
16	2	129001-02800	MAIN BEARING	5	5	5					
I 16-1	2	129690-02800	MAIN BEARING	5	5	5					N
(A=E/#23803) (B=E/#23803) (C=E/#23803)											
19	2	129150-02930	METAL, THRUST	2	2	2					
22	2	129795-01950	PIPE, KNOCK L=18	2	2	2					
23	2	129100-01580	PARALLEL PIN 8X16	2	2	2					
24	2	22351-060012	SPRING PIN 6X12	2	2	2					
25	1	27225-100140	PLUG 10X14	1	1	1					
I 25-1	1	119309-01810	PLUG	1	1	1					R
(A=*2002.09) (B=*2002.09) (C=*2002.09)											
26	1	129150-02870	MAIN METAL US=0.25	5	5	5					1
I 26-1	1	129690-02870	MAIN METAL 0.25 U.S	5	5	5					N 1
(A=E/#23803) (B=E/#23803) (C=E/#23803)											
29	1	129150-02940	METAL,THRUST.25(4PIE	1	1	1					2
32	1	124460-77680	RETAINER	1	1	1					
33	1	23061-070300	PIPE 7X 300	1	1	1					
I 34	1	23414-080000	GASKET 8, ROUND	4	4	4					W
(A=E/#23803) (B=E/#23803) (C=E/#23803)											
I 35	1	26106-080122	BOLT M 8X 12 PLATED	4	4	4					W
(A=E/#23803) (B=E/#23803) (C=E/#23803)											
36	1	129150-01200	STUD, CYL. HEAD	18	18	18					
37	1	129408-01330	GASKET, CYL.HEAD	1	1	1					
38	1	128371-01800	COCK ASSY 1/4	1	1	1					

Fig.2. CYLINDER BLOCK(4JH3-TE)

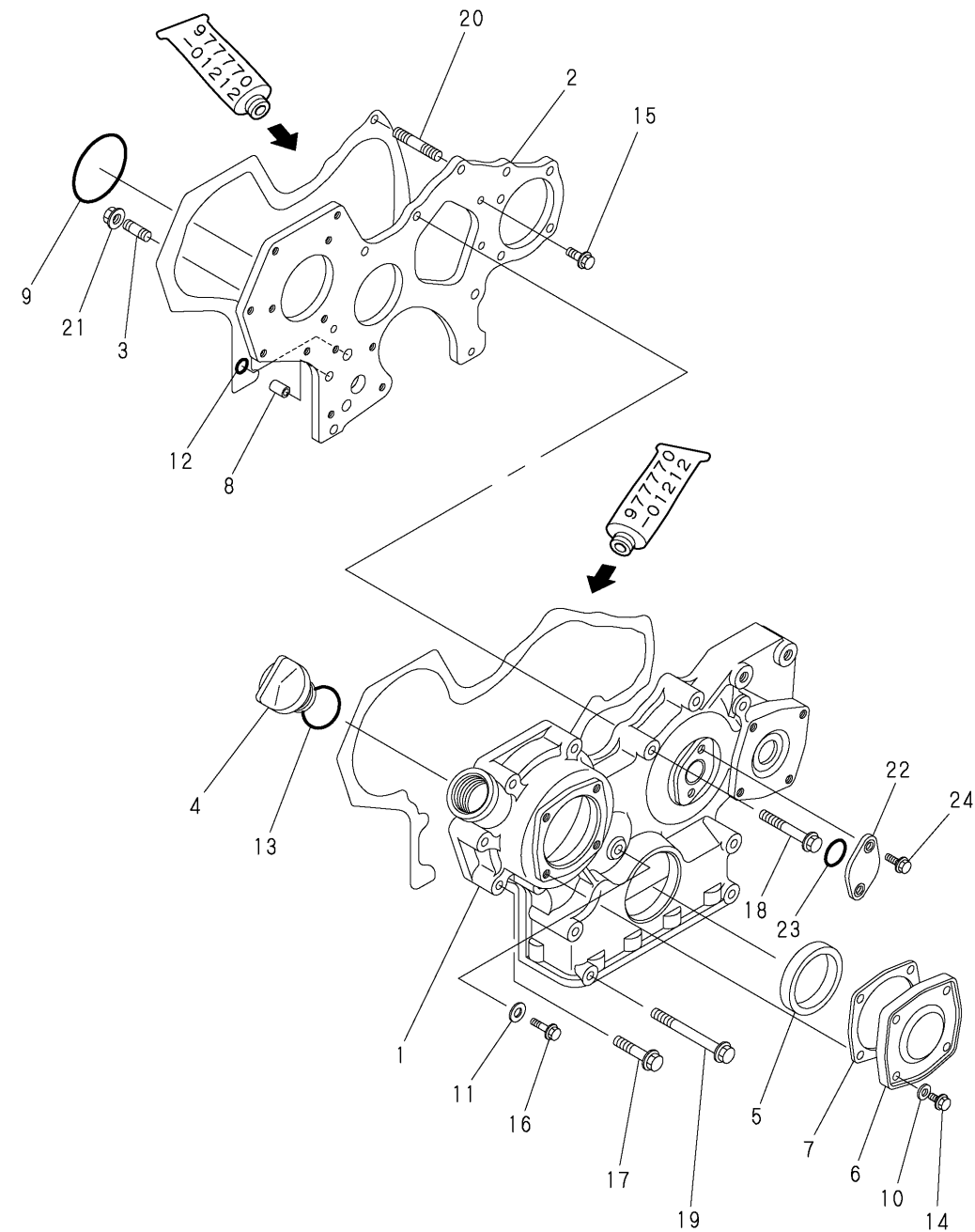


Remarks
(1)UNDER-SIZED(0.25) PART
(2)OVER-SIZED(0.25) PART

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729693-01560	CYLINDER BLOCK				1	1			
4	3	124160-01910	PLUG PT1/4				2	2			
5	3	171051-01921	PLUG				1	1			
6	3	23876-010000	PLUG PT1/8,SCREW				1	1			
7	3	23876-030000	PLUG PT3/8,SCREW				1	1			
8	3	27225-100140	PLUG 10X14				1	1			
I	8-1	3	119309-01810	PLUG			1	1			R
9	3	27231-500000	PLUG 50	(D=*2002.09)	(E=*2002.09)		1				
I	9-1	3	129001-01250	PLUG 50	(D=E/#10743)		1	1			N
10	3	27241-120000	PLUG 12				2	2			
11	3	27241-300000	PLUG 30				8	8			
12	2	23414-100000	GASKET 10, ROUND				1	1			
13	2	23887-100002	PLUG 10				1	1			
14	2	129150-02020	BOLT, METAL CAP				10	10			
17	2	129150-02800	MAIN METAL				5				
I	17-1	2	129690-02800	MAIN BEARING			5	5			N
20	2	129150-02930	METAL, THRUST				2	2			
23	2	129795-02411	BUSH, CAMSHAFT				1	1			
24	2	129795-01950	PIPE, KNOCK L=18				2	2			
25	2	22312-080160	PARALLEL PIN 8X 16				2	2			
26	2	22351-060012	SPRING PIN 6X12				2	2			
27	2	22351-030010	SPRING PIN 3X10				4	4			
28	1	128371-01800	COCK ASSY 1/4				1	1			
29	1	124460-77680	RETAINER				1	1			
30	1	129693-01330	GASKET,(NON-ASB.)				1	1			
31	1	23061-070300	PIPE 7X 300				1	1			
32	1	129553-39650	NOZZLE				4	4			
33	1	23857-030000	JOINT BOLT 3				4	4			
34	1	129150-02870	MAIN METAL US=0.25				5				1
I	34-1	1	129690-02870	MAIN METAL 0.25 U.S			5	5			N 1
37	1	129150-02940	METAL,THRUST.25(4PIE	(D=E/#11493)			2	2			2
40	1	129150-01200	STUD, CYL. HEAD				18	18			
41	1	23414-120000	GASKET 12, ROUND				1				Z
42	1	23887-120002	PLUG M12,HEX.	(D=E/#11493)			1				Z
43	1	124160-01910	PLUG PT1/4	(D=E/#11493)			1	1			W

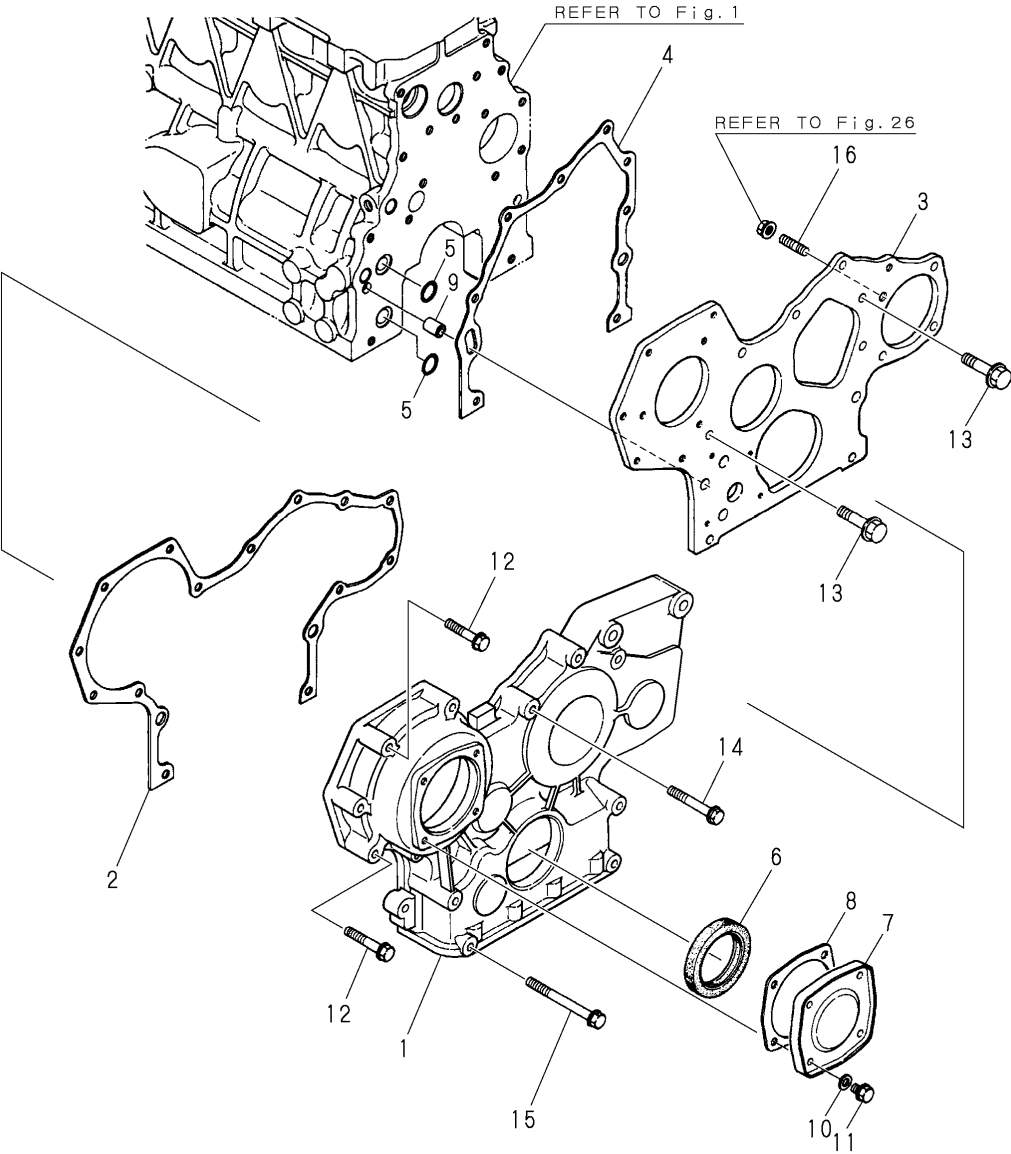
Fig.3. GEAR HOUSING(4JH3E)



OCR10-G46701 3. GEAR HOUSING(4JH3E)

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129670-01500	GEAR CASE	1	1	1					
2	1	129100-01520	FLANGE,GEAR HOUSING	1	1	1					
3	1	121450-01560	STUD M 8X 22	3	3	3					
4	1	124160-01751	COVER,FILLER	1	1	1					
5	1	129795-01800	SEAL, OIL	1	1	1					
6	1	129150-01870	COVER	1	1	1					
7	1	129150-01881	GASKET, (NON ASB.)	1	1	1					
8	1	129795-01950	PIPE, KNOCK L=18	2	2	2					
9	1	121850-51960	O-RING, F.I.PUMP	1	1	1					
10	1	22190-080002	SEAL WASHER 8S	4	4	4					
11	1	22190-080002	SEAL WASHER 8S	1	1	1					
12	1	24311-000160	O-RING 1A P-16.0	2	2	2					
13	1	24311-000320	O-RING 1A P-32.0	1	1	1					
14	1	26106-080122	BOLT M 8X 12 PLATED	4	4	4					
15	1	26106-080162	BOLT M 8X 16 PLATED	3	3	3					
16	1	26106-080162	BOLT M 8X 16 PLATED	1	1	1					
17	1	26106-080452	BOLT M 8X 45 PLATED	6	6	6					
18	1	26106-080552	BOLT M 8X 55 PLATED	3	3	3					
19	1	26106-080852	BOLT M 8X 85 PLATED	4	4	4					
20	1	26216-080182	STUD M 8X 18 PLATED	1	1	1					
21	1	26306-080002	NUT	3	3	3					
22	1	121023-01550	COVER, BLIND	1	1	1					
23	1	24341-000240	O-RING 1A S-24.0	1	1	1					
24	1	26106-060162	BOLT M 6X 16 PLATED	2	2	2					

Fig.4. GEAR HOUSING(4JH3-TE)



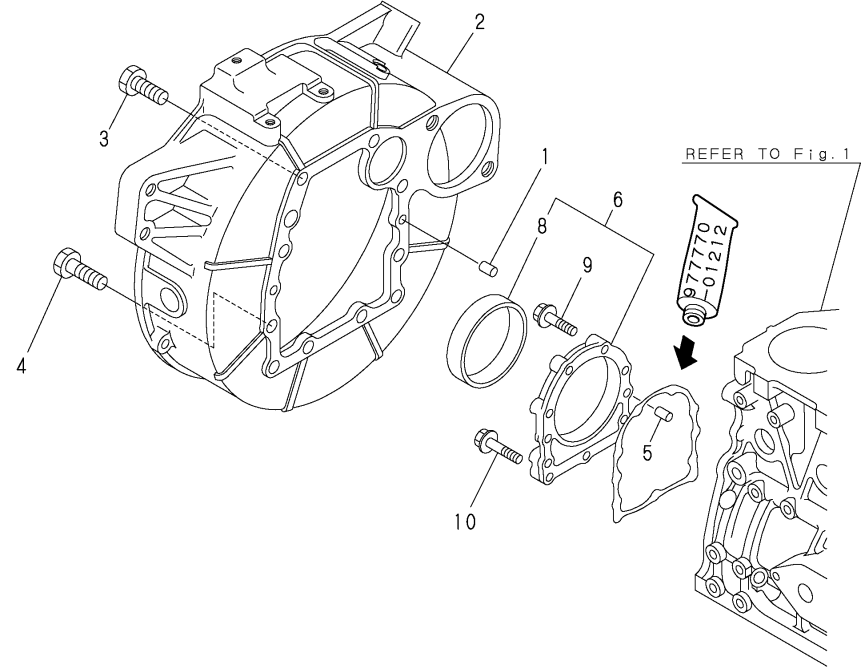
OCR10-G46701 4. GEAR HOUSING(4JH3-TE)

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

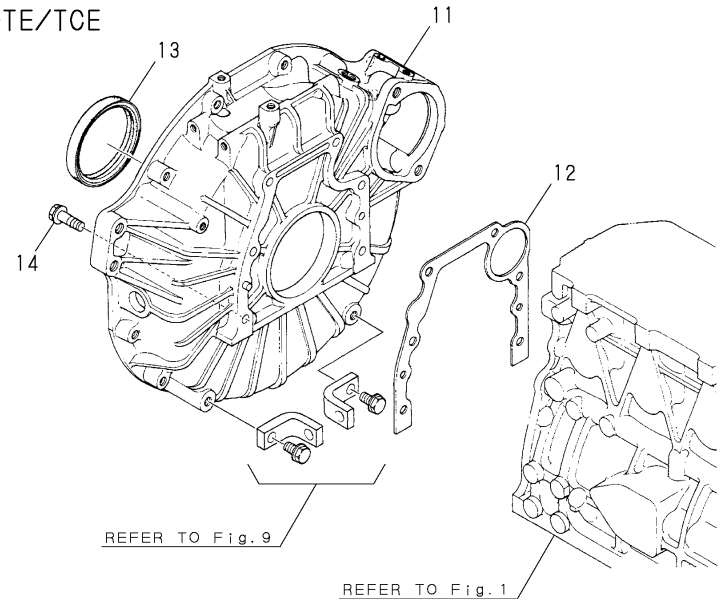
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129673-01500	GEAR CASE				1	1			
2	1	129693-01510	GASKET				1	1			
3	1	129693-01520	FLANGE				1	1			
4	1	129470-01531	GASKET				1	1			
5	1	129470-01550	O-RING				2	2			
6	1	129795-01800	SEAL, OIL				1	1			
7	1	129150-01870	COVER				1	1			
8	1	129150-01881	GASKET, (NON ASB.)				1	1			
9	1	129795-01950	PIPE, KNOCK L=18				2	2			
10	1	23414-080000	GASKET 8, ROUND				4	4			
11	1	26106-080122	BOLT M 8X 12 PLATED				4	4			
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			
16	1	26216-080182	STUD M 8X 18 PLATED				1	1			

Fig.5. FLYWHEEL HOUSING

4JH3E/CE/CE1

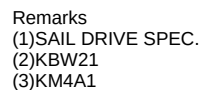


4JH3-TE/TCE



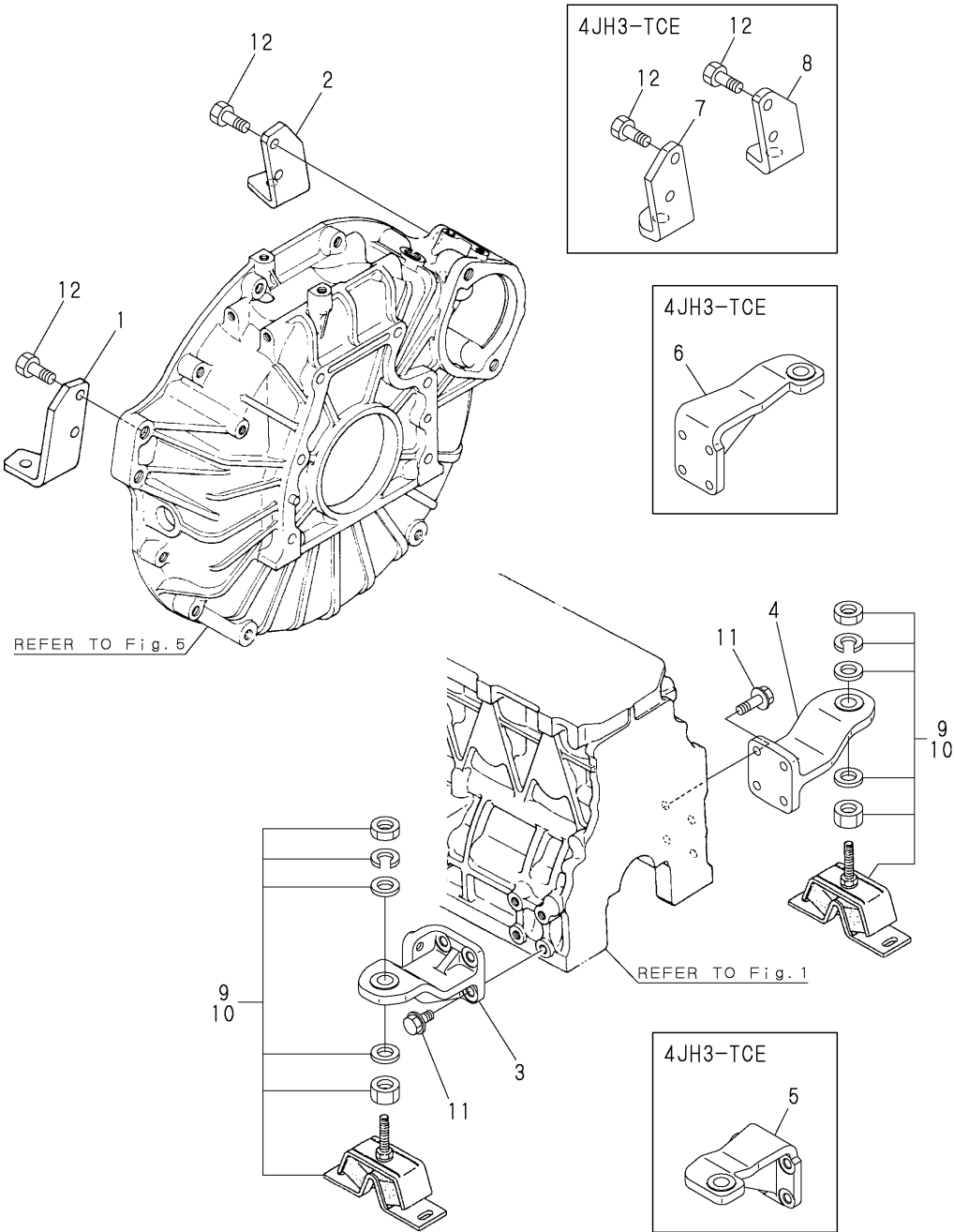
(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PARALLEL PIN 8X16	2	2	2					
2	1	129670-01600	FLYWHEEL HOUSING	1	1	1					
3	1	26206-100252	BOLT M10X25	6	6	6					
4	1	26206-100302	BOLT M10X30	4	4	4					
5	1	129100-01580	PARALLEL PIN 8X16	2	2	2					
6	1	129100-01640	CASE ASSY, OIL SEAL	1	1	1					
8	2	129795-01780	SEAL, OIL	1	1	1					
9	1	129486-01670	BOLT M8X30,COLLAR HD	6	6	6					
10	1	26106-080352	BOLT M 8X 35 PLATED	3	3	3					
11	1	129673-01600	HUSING, FLYWHEEL							1	1
12	1	129470-01620	GASKET							1	1
13	1	129795-01780	SEAL, OIL							1	1
14	1	26106-100302	BOLT M10X 30 PLATED							6	6



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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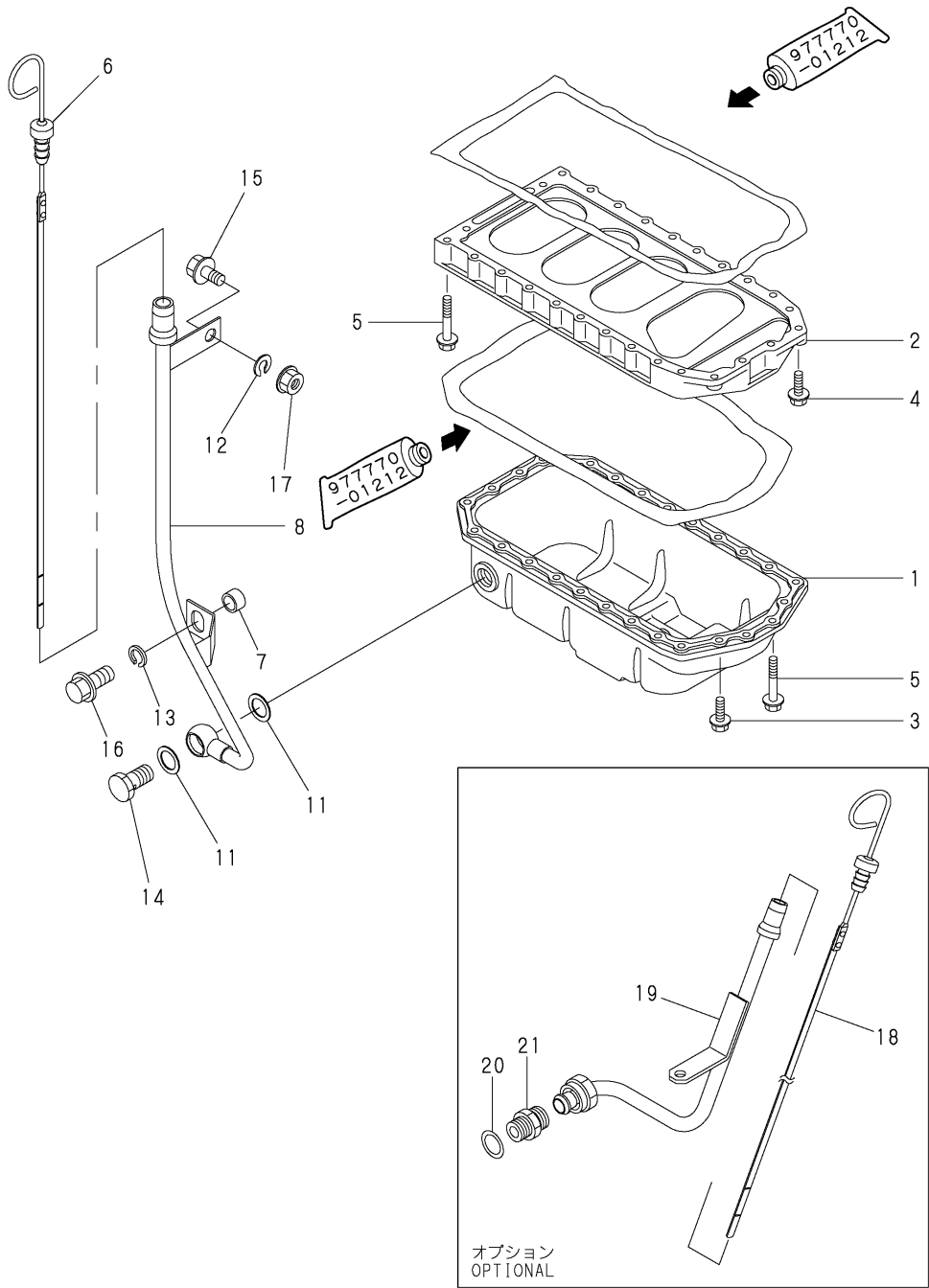
Fig.7. MOUNTING FOOT(4JH3-TE)



OCR10-G46701 7. MOUNTING FOOT(4JH3-TE)

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129670-08120	MOUNTING FOOT,C				1				
2	1	129670-08130	MOUNTING FOOT,D				1				
3	1	129673-08140	MOUNTING FOOT A				1				
4	1	129673-08150	MOUNTING FOOT A				1				
5	1	129673-08100	MOUNTING FOOT A					1			
6	1	129673-08110	MOUNTING FOOT B					1			
7	1	129673-08120	MOUNTING FOOT C					1			
8	1	129673-08130	MOUNTING FOOT D					1			
9	1	129670-08350	MOUNTING, FLEX.200				4				
10	1	120149-08441	MOUNT, FLEXIBLE					2			
11	1	26106-100202	BOLT M10X 20 PLATED				8				
11-1	1	26106-100222	BOLT M10X 22 PLATED				8	8		N	
(D=E/#11059)											
12	1	26116-120302	BOLT M12X 30 PLATED				4	4			

Fig.8. LUB.OIL SUMP(4JH3E)



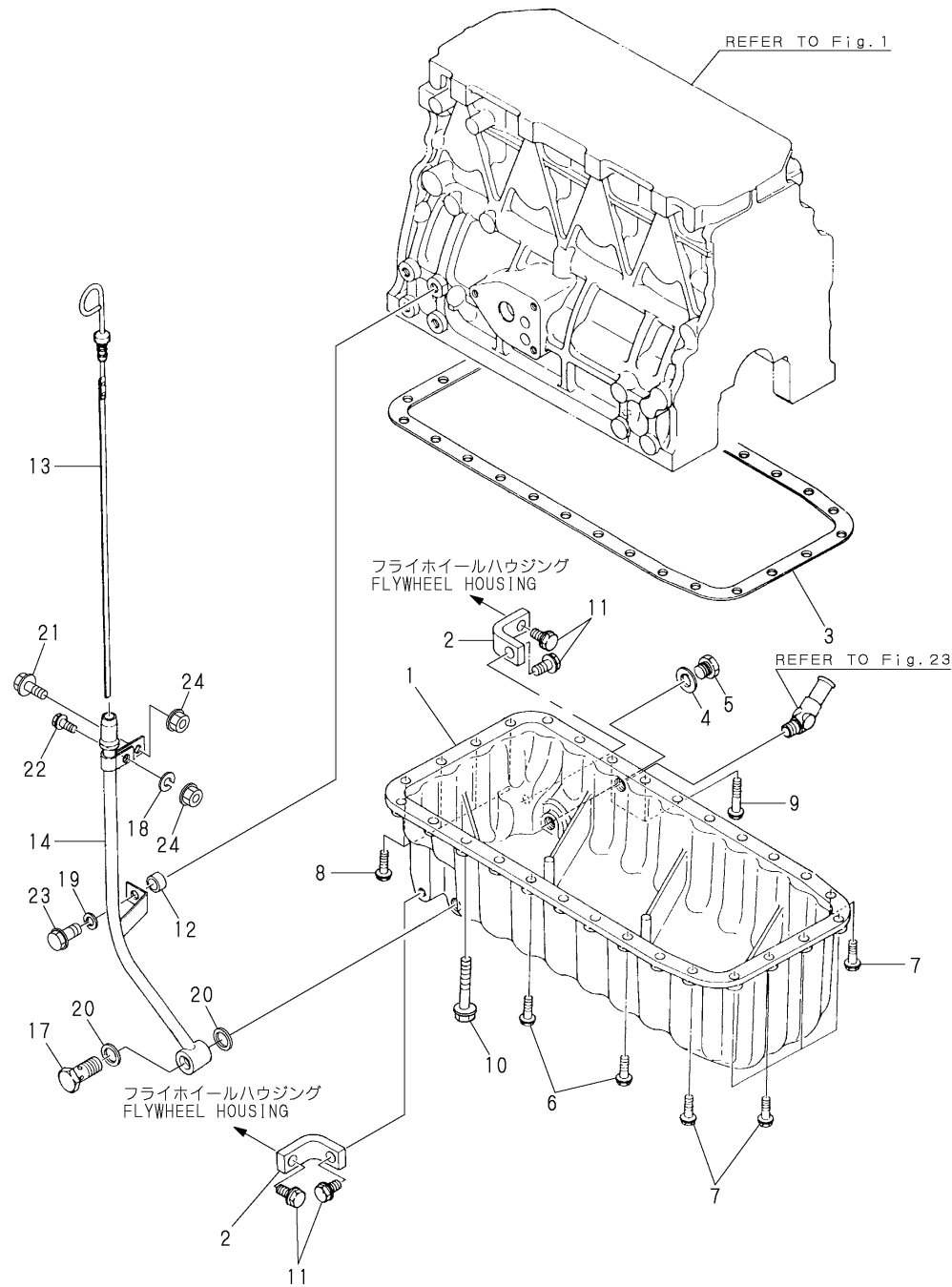
OCR10-G46701 8. LUB.OIL SUMP(4JH3E)

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129670-01720	LUB.OIL SUMP	1	1	1					
2	1	129400-01730	SPACER, OIL SUMP	1	1	1					
3	1	26106-080162	BOLT M 8X 16 PLATED	4	4	4					
4	1	26106-080252	BOLT M 8X 25 PLATED	2	2	2					
5	1	26106-080452	BOLT M 8X 45 PLATED	24	24	24					
6	1	129670-34800	DIPSTICK,LUB.OIL	1	1	1					
7	1	129301-34830	SPACER	1	1	1					
8	1	129670-34880	GUIDE,DIPSTICK ASSY	1	1	1					
11	1	22190-140002	SEAL WASHER 14S	2	2	2					
12	1	22217-080000	SPRING WASHER 8	1	1	1					
13	1	22217-100000	SPRING WASHER 10	1	1	1					
14	1	23851-080000	JOIT BOLT 8	1	1	1					
15	1	26106-080162	BOLT M 8X 16 PLATED	1	1	1					
16	1	26106-100252	BOLT M10X 25 PLATED	1	1	1					
I 16-1	1	26106-100222	BOLT M10X 22 PLATED	1	1	1					N
(A=E/#23083) (B=E/#23083) (C=E/#23083)											
17	1	26306-080002	NUT	1	1	1					
18	1	128170-34800	DIPSTICK, LUB. OIL	1	1	1					
I 18-1	1	129670-34810	DIPSTICK, LUB. OIL	1	1	1					N
(A=E/#25294) (B=E/#25294) (C=E/#25294)											
19	1	129570-34880	GUIDE, DIPSTICK	1	1	1					
20	1	23414-160000	GASKET 16, ROUND	1	1	1					
21	1	23831-100000	UNION 10	1	1	1					

Fig.9. LUB.OIL SUMP(4JH3-TE)

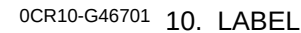


OCR10-G46701 9. LUB.OIL SUMP(4JH3-TE)

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

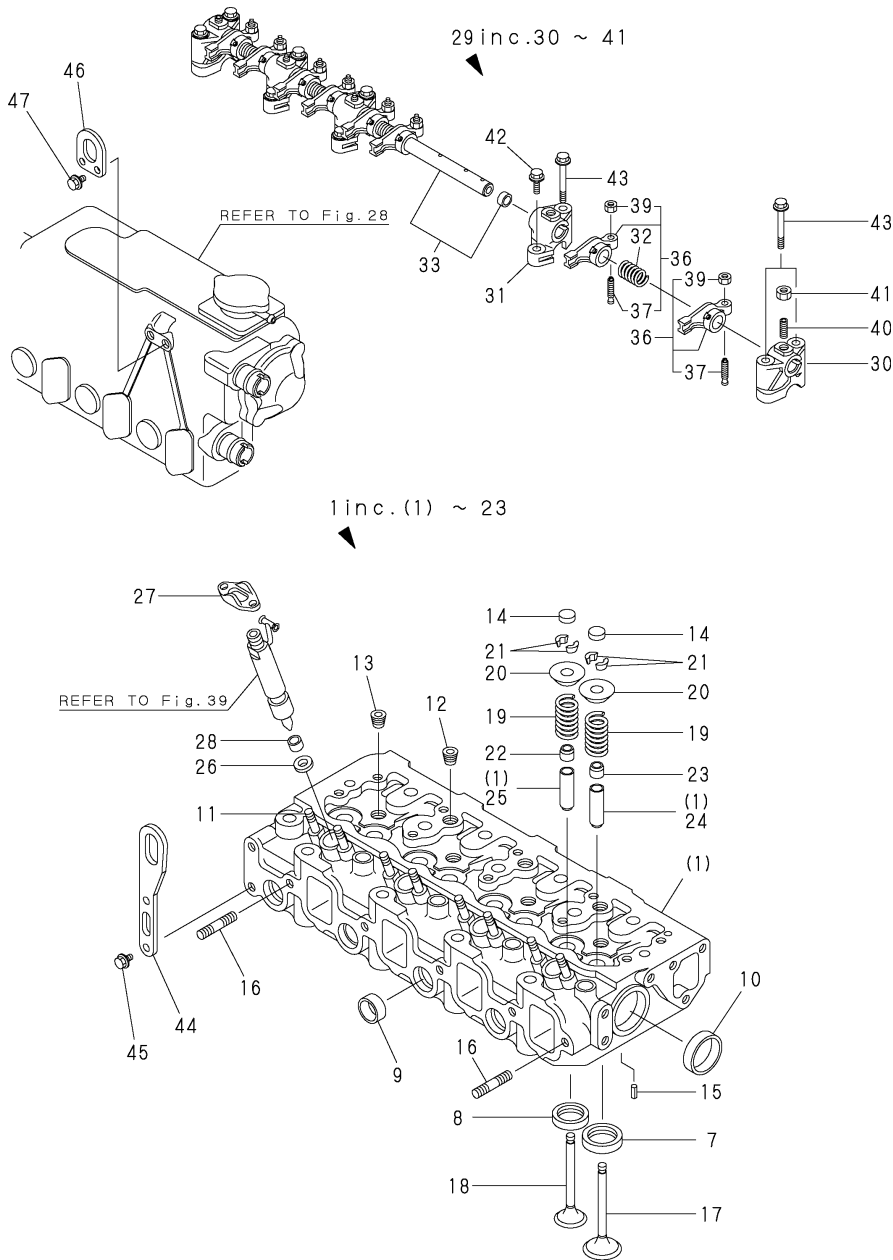
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129473-01700	PAN ASSY, OIL				1	1			
2	1	129470-01710	BRACKET				2	2			
3	1	129470-01750	GASKET				1	1			
4	1	23414-160021	GASKET 16				1	1			
5	1	23887-160002	PLUG 16,HEX.				1	1			
6	1	26106-080252	BOLT M 8X 25 PLATED				13	13			
7	1	26106-080252	BOLT M 8X 25 PLATED				6	6			
8	1	26106-080252	BOLT M 8X 25 PLATED				4	4			
9	1	26106-080402	BOLT M 8X 40 PLATED				2	2			
10	1	26106-080702	BOLT M 8X 70 PLATED				3	3			
11	1	26106-100252	BOLT M10X 25 PLATED				4	4			
12	1	129301-34830	SPACER				1	1			
13	1	129473-34850	LEVEL GAUGE				1	1			
14	1	129473-34880	GUIDE, DIPSTICK				1	1			
17	1	104214-39720	BOLT, PIPE JOINT				1	1			
18	1	22217-080000	SPRING WASHER 8				1	1			
19	1	22217-100000	SPRING WASHER 10				1	1			
20	1	23414-160000	GASKET 16, ROUND				2	2			
21	1	26106-080122	BOLT M 8X 12 PLATED				1	1			
22	1	26106-080162	BOLT M 8X 16 PLATED				1	1			
23	1	26106-100252	BOLT M10X 25 PLATED				1				
I 23-1	1	26106-100222	BOLT M10X 22 PLATED				1	1		N	
24	1	26306-080002	NUT				2	2			

(D=E/#11059)



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.

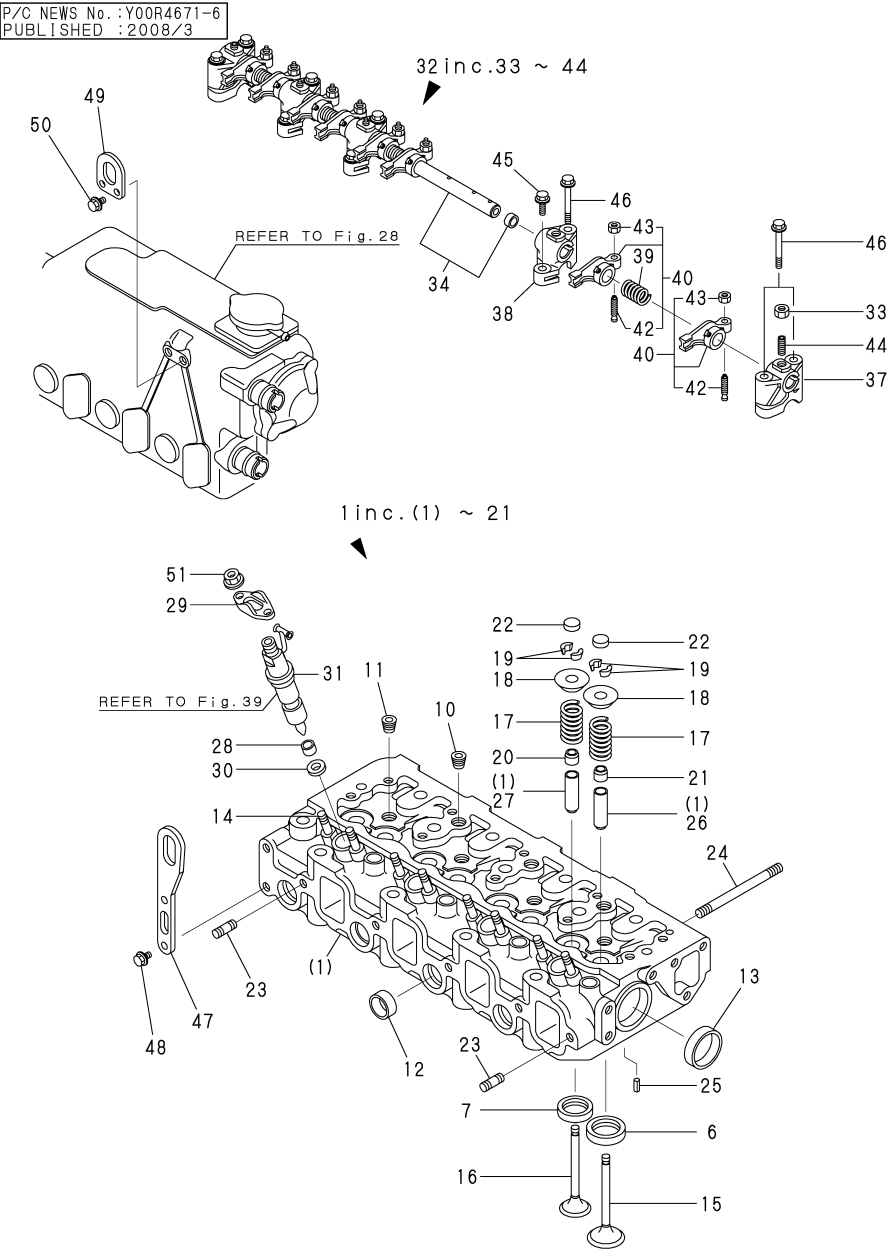
Fig.11. CYLINDER HEAD(4JH3E)



Remarks
(1)REPAIR PART

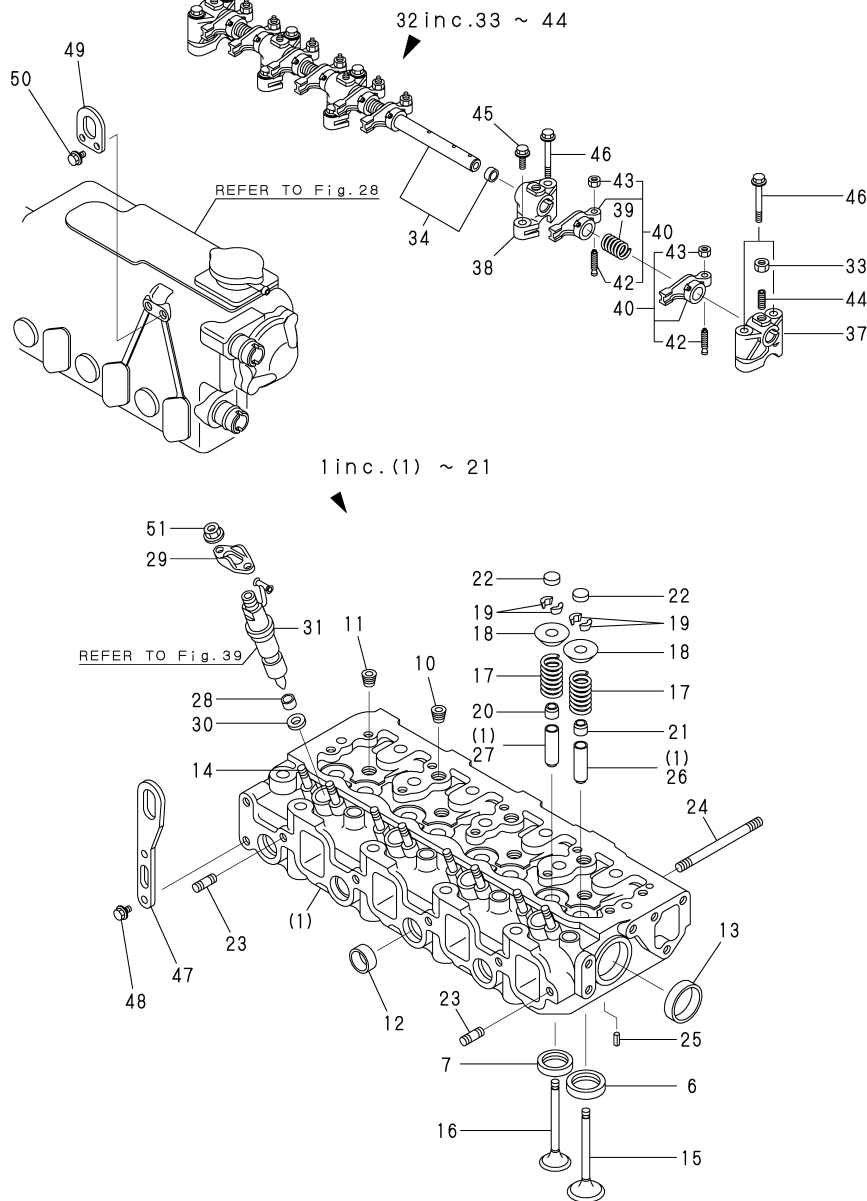
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729670-11700	CYLINDER HEAD ASSY	1	1	1					
7	3	129470-11080	SEAT, VALVE (SUC	4	4	4					
8	3	129470-11090	SEAT, VALVE (EXH	4	4	4					
9	3	27241-220000	PLUG 22	4	4	4					
10	3	27241-400000	PLUG 40	2	2	2					
11	3	26216-060202	STUD M 6X 20 PLATED	8	8	8					
12	3	23871-020000	PLUG PT1/4,SCREW	3	3	3					
13	3	23871-030000	PLUG PT3/8,SCREW	4	4	4					
14	2	129150-11370	CAP, VALVE	8	8	8					
15	2	22351-060012	SPRING PIN 6X12	2	2	2					
16	2	26216-080222	STUD M 8X 22 PLATED	2	2	2					
17	2	129100-11100	VALVE, INTAKE	4	4	4					
18	2	129100-11110	VALVE, EXHAUST	4	4	4					
19	2	129795-11120	SPRING, VALVE	8	8	8					
20	2	129795-11180	RETAINER, SPRING	8	8	8					
21	2	27310-080001	COTTER 8	8	8	8					
22	2	121400-11340	SEAL, VALVE STEM	4	4	4					
23	2	124460-11340	SEAL, VALVE STEM	4	4	4					
24	1	120130-11860	GUIDE, VALVE	4	4	4					1
25	1	129150-11810	GUIDE, VALVE	4	4	4					1
26	1	119625-11880	SEAT, NOZZLE	4	4	4					
27	1	119625-11900	RETAINER	4	4	4					
I 28	1	119625-11870	PROTECTOR, NOZZLE	4	4	4					W
		(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST)									
I 28-1	1	119625-11872	PROTECTOR, NOZZLE	4	4	4					R
		(A=E/#26163) (B=E/#26163) (C=E/#26163)									
I 28-2	1	119625-11870	PROTECTOR, NOZZLE	4	4	4					N
		(A=E/#26284) (B=E/#26284) (C=E/#26284)									
29	1	129555-11241	SHAFT ASSY, ROCKER	1	1	1					
30	2	129155-11260	SUPPORT, ROCKER ARM	2	2	2					
31	2	129155-11270	SUPPORT, ROCKER ARM	3	3	3					
32	2	129150-11280	SPRING	4	4	4					
33	2	129550-11290	SHAFT, ROCKER ARM	1	1	1					
36	2	729402-11650	ARM ASSY, ROCKER	8	8	8					
37	3	129150-11230	SCREW, VALVE	8	8	8					
39	3	129150-11750	NUT M8XP1.0	8	8	8					
40	2	26226-080182	STUD M 8X 18 PLATED	3	3	3					
I 40-1	2	119802-11280	STUD	3	3	3					R
		(A=E/#25626) (B=E/#25626) (C=E/#25626)									
41	2	26756-080002	LOCK NUT M 8 PLATED	3	3	3					
42	1	26106-080252	BOLT M 8X 25 PLATED	3	3	3					
43	1	26106-080502	BOLT M 8X 50 PLATED	7	7	7					
44	1	129900-07900	LIFTER, ENGINE	2	2	2					
45	1	26106-080162	BOLT M 8X 16 PLATED	4	4	4					
46	1	129470-07230	LIFTER, ENGINE	1	1	1					
47	1	26106-080162	BOLT M 8X 16 PLATED	2	2	2					

Fig.12. CYLINDER HEAD(4JH3-TE)



Remarks
(1)REPAIR PART

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729697-11700	HEAD ASSY, CYLINDER				1	1			
I 1-1	1	729672-11000	HEAD ASSY, CYLINDER				1	1		N	
			(D=*2003.06) (E=*2003.06)								
6	3	129795-11080	SEAT, SUCTION VALVE				4	4			
7	3	129795-11090	SEAT, EXHAUST VALVE				4	4			
10	3	23876-020000	PLUG PT1/4,SCREW				3	3			
I 10-1	3	121850-11860	PLUG PT1/4				3	3		N	
			(D=*2008.01) (E=*2008.01)								
11	3	23876-030000	PLUG PT3/8,SCREW				4	4			
12	3	27241-220000	PLUG 22				4	4			
13	3	27241-400000	PLUG 40				2	2			
I 14	2	26216-060202	STUD M 6X 20 PLATED				8	8			
15	2	129120-11100	INTAKE VALVE				4	4			
16	2	129120-11110	EXHAUST VALVE				4	4			
17	2	129795-11120	SPRING, VALVE				8	8			
18	2	129795-11180	RETAINER, SPRING				8	8			
19	2	27310-080001	COTTER 8				8	8			
20	2	121400-11340	SEAL, VALVE STEM				4	4			
21	2	124460-11340	SEAL, VALVE STEM				4	4			
I 22	1	129150-11370	CAP, VALVE				8	8			
I 23	1	26216-080222	STUD M 8X 22 PLATED				2	2			
I 24	1	26216-081002	STUD M 8X100 PLATED				2	2			
25	1	22351-060012	SPRING PIN 6X12				2	2			
26	1	120130-11860	GUIDE, VALVE				4	4			1
27	1	129150-11810	GUIDE, VALVE				4	4			1
28	1	119625-11870	PROTECTOR, NOZZLE				4	4			
28-1	1	119625-11872	PROTECTOR, NOZZLE				4	4		R	
			(D=E/#13135) (E=E/#13135)								
28-2	1	119625-11870	PROTECTOR, NOZZLE				4	4		N	
			(D=E/#13197) (E=E/#13197)								
29	1	119625-11900	RETAINER				4	4			
30	1	119625-11880	SEAT, NOZZLE				4	4			
31	1	129470-11920	GASKET				4	4			
32	1	129555-11241	SHAFT ASSY, ROCKER				1	1			
33	2	26756-080002	LOCK NUT M 8 PLATED				3	3			
34	2	129550-11290	SHAFT, ROCKER ARM				1	1			
37	2	129155-11260	SUPPORT, ROCKER ARM				2	2			
38	2	129155-11270	SUPPORT, ROCKER ARM				3	3			
39	2	129150-11280	SPRING				4	4			
40	2	729402-11650	ARM ASSY, ROCKER				8	8			
42	3	129150-11230	SCREW, VALVE				8	8			
43	3	129150-11750	NUT M8XP1.0				8	8			
44	2	26226-080182	STUD M 8X 18 PLATED				3	3			
44-1	2	119802-11280	STUD				3	3		R	
			(D=E/#12753) (E=E/#12753)								
45	1	26106-080252	BOLT M 8X 25 PLATED				3	3			
46	1	26106-080502	BOLT M 8X 50 PLATED				7	7			
47	1	129900-07900	LIFTER, ENGINE				2	2			
48	1	26106-080162	BOLT M 8X 16 PLATED				4	4			
49	1	129470-07230	LIFTER, ENGINE				1	1			
50	1	26106-080162	BOLT M 8X 16 PLATED				2	2			



0CR10-G46701 12. CYLINDER HEAD(4JH3-TE)

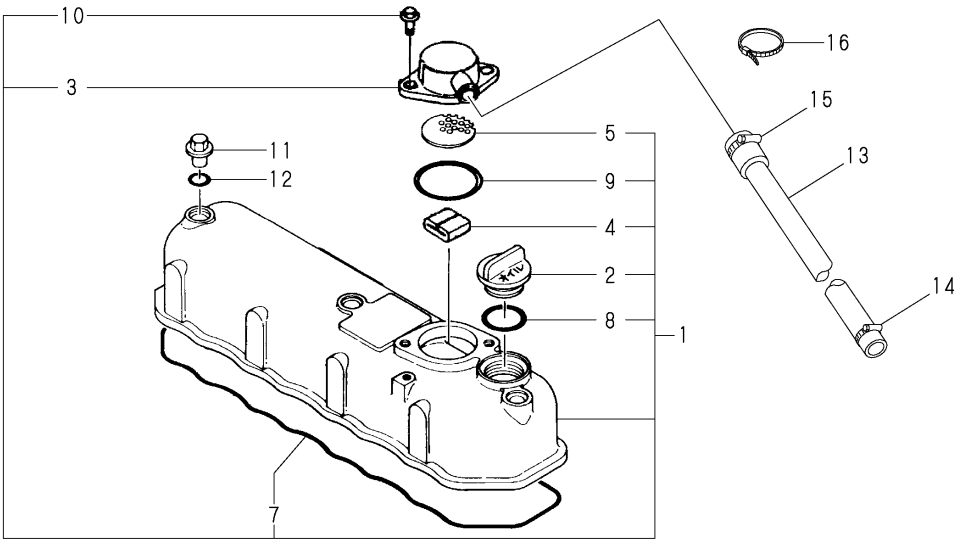
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
I	51	1	26367-060002 NUT M 6				8	8		

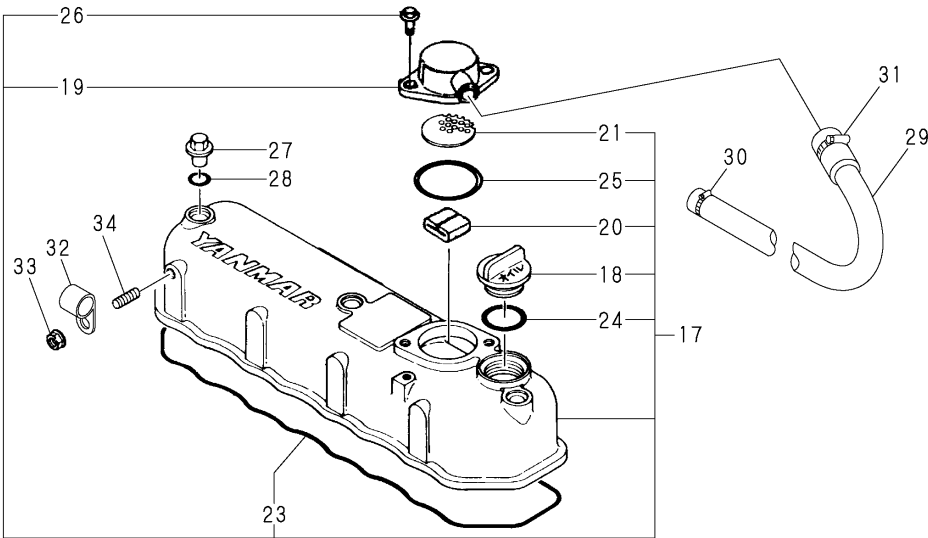
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

Fig.13. BONNET

4JH3E/CE/CE1

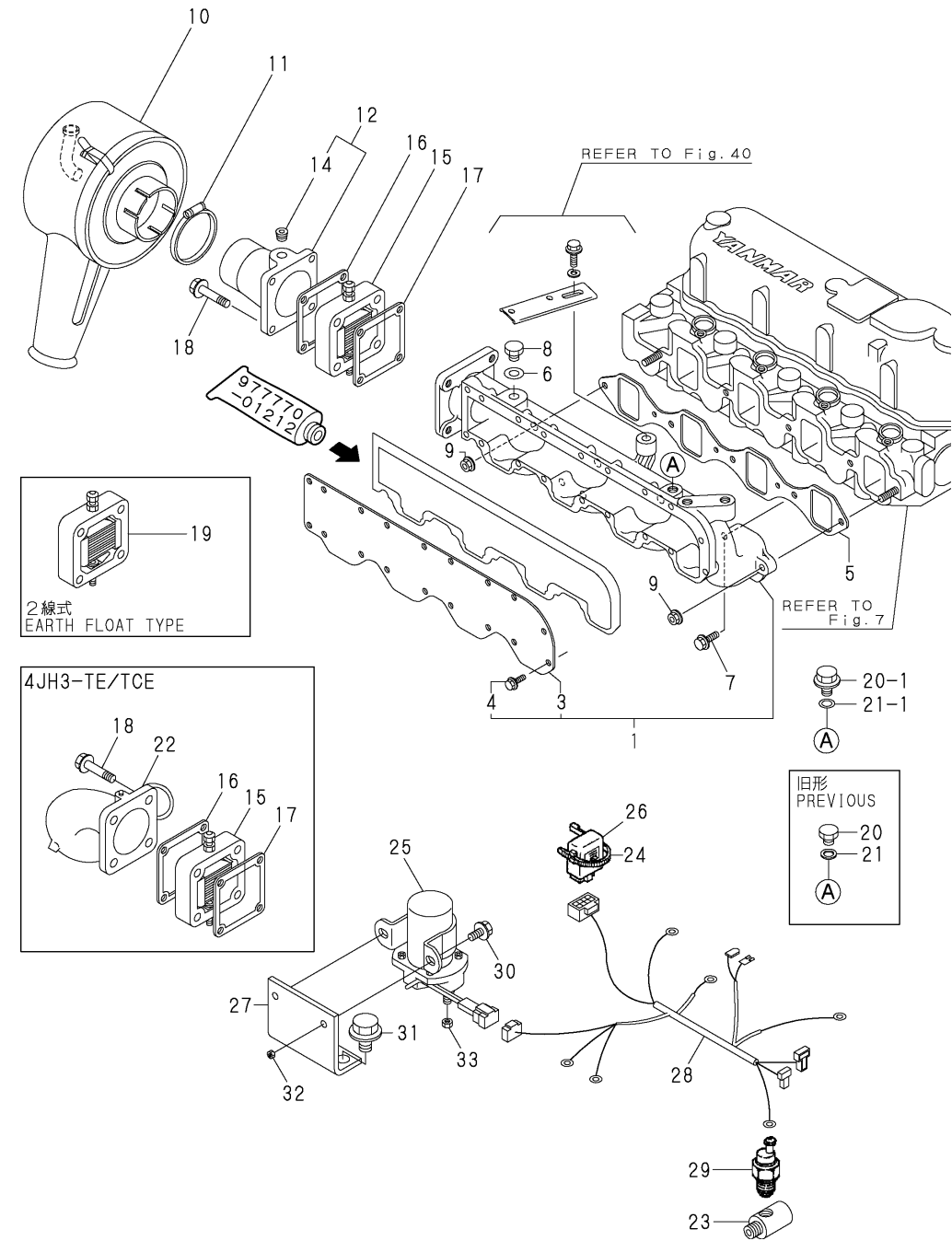


4JH3-TE/TCE



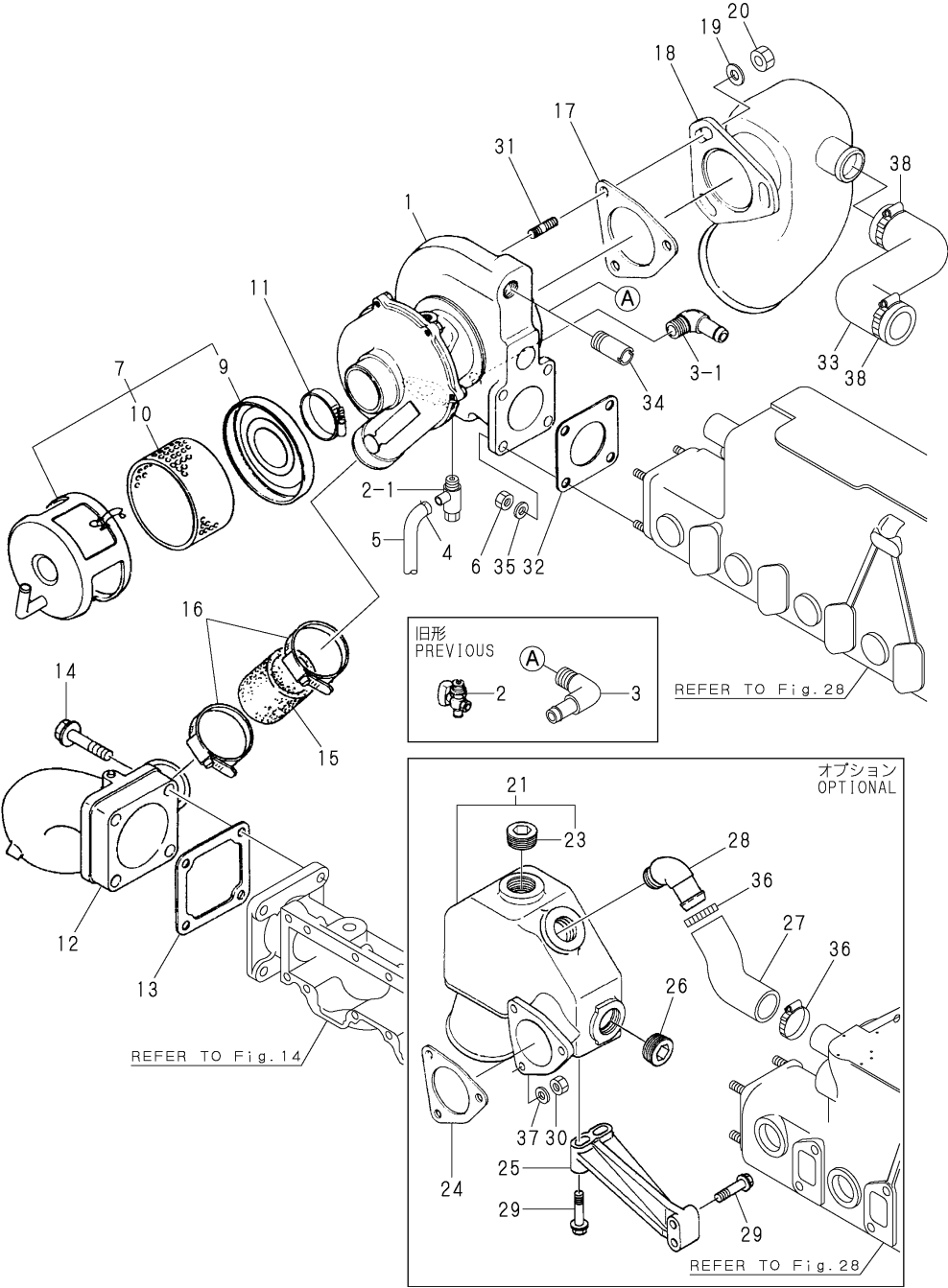
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129400-11350	BONNET ASSY	1	1	1					
2	2	124160-01751	COVER,FILLER	1	1	1					
3	2	129150-03020	COVER, BREATHER	1	1	1					
4	2	129150-03070	BAFFLE, BREATHER	1	1	1					
5	2	129150-03080	PLATE, SHELTER	1	1	1					
7	2	129550-11310	GASKET, BONNET	1	1	1					
8	2	24311-000320	O-RING 1A P-32.0	1	1	1					
9	2	24341-000500	O-RING 1A S-50.0	1	1	1					
10	2	26106-080162	BOLT M 8X 16 PLATED	2	2	2					
11	1	124160-11360	KNOB	3	3	3					
12	1	24311-000120	O-RING 1A P 12.0	3	3	3					
13	1	129171-03090	PIPE, BREATHER	1	1	1					
14	1	129301-03660	CLAMP 16	1	1	1					
15	1	129410-03990	CLAMP 22	1	1	1					
16	1	121750-59890	CLAMP 140	1	1	1					
17	1	129577-11350	BONNET ASSY							1	1
18	2	124160-01751	COVER,FILLER							1	1
19	2	129150-03020	COVER, BREATHER							1	1
20	2	129150-03070	BAFFLE, BREATHER							1	1
21	2	129150-03080	PLATE, SHELTER							1	1
23	2	129550-11310	GASKET, BONNET							1	1
24	2	24311-000320	O-RING 1A P-32.0							1	1
25	2	24341-000500	O-RING 1A S-50.0							1	1
26	2	26106-080162	BOLT M 8X 16 PLATED							2	2
27	1	124160-11360	KNOB							3	3
28	1	24311-000120	O-RING 1A P 12.0							3	3
29	1	129672-03090	PIPE, BREATHER							1	1
30	1	129301-03660	CLAMP 16							1	1
31	1	129410-03990	CLAMP 22							1	1
32	1	23297-160081	RETAINER 16X 8							1	1
33	1	26306-080002	NUT							1	1
34	1	121850-01910	STUD 8X12							1	1

Fig.14. SUCTION MANIFOLD

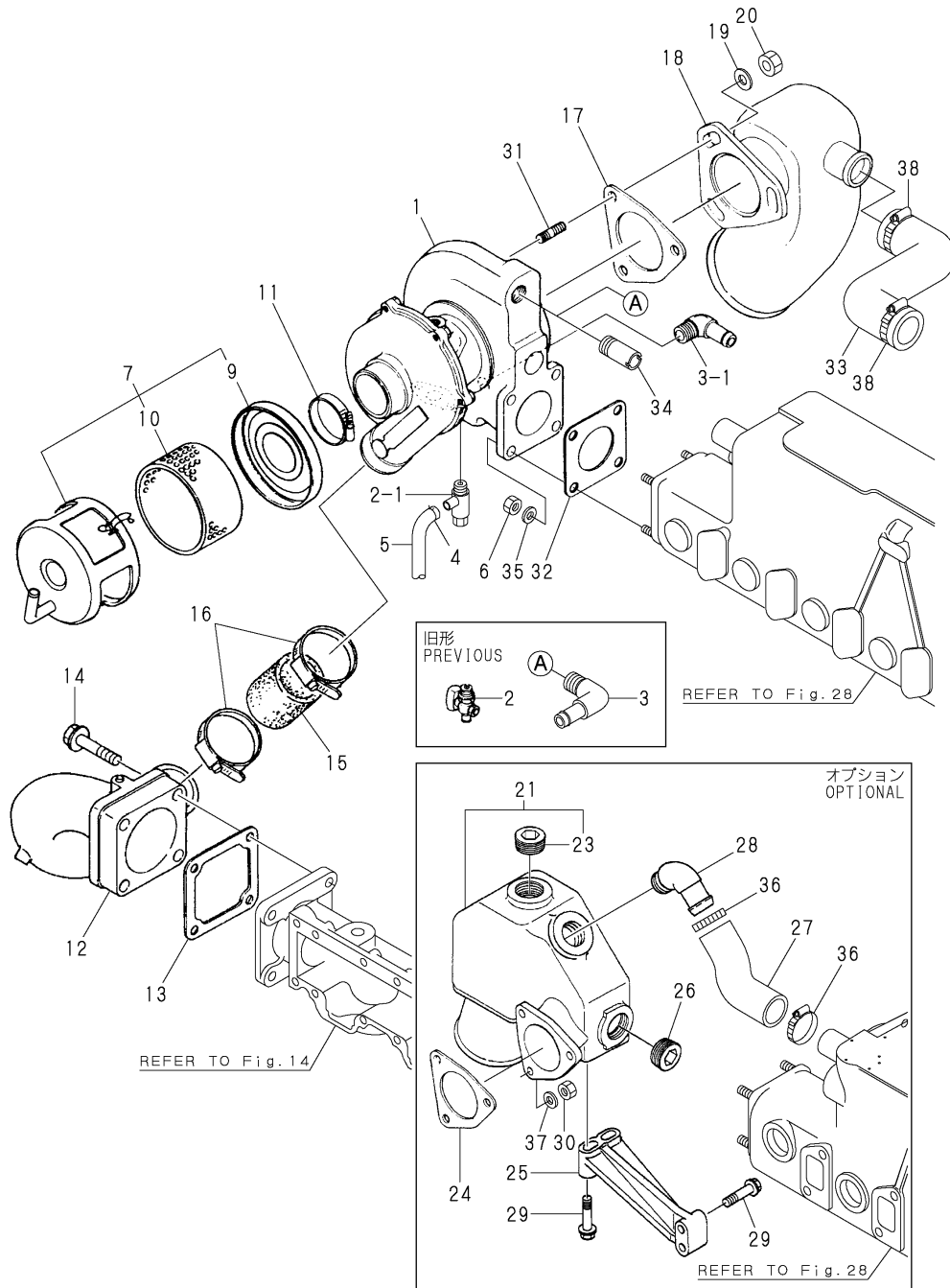


REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-12100	MANIFOLD, AIR INTAKE	1	1		1				
I 1-1	1	129698-12100	MANIFOLD, AIR INTAKE	1	1	1	1	1			R
(A)=E/#20576) (B)=E/#20576) (D=E/#10001)											
3	2	129470-12120	CAP	1	1	1	1	1			
4	2	26476-060142	BOLT M 6X 14,TAPPING	18	18	18	18	18			
5	1	129470-12130	GASKET	1	1	1	1	1			
6	1	23414-100000	GASKET 10, ROUND	1	1	1	1	1			
7	1	26106-080202	BOLT M 8X 20 PLATED	3	3	3	3	3			
8	1	26106-100122	BOLT M10X 12 PLATED	1	1	1	1	1			
I 8-1	1	23887-100002	PLUG 10	1	1	1	1	1			N
(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST) (D=FROM 1ST)											
9	1	26306-080002	NUT	2	2	2	2	2			
10	1	129570-12300	SILENCER, INTAKE	1	1	1					
11	1	23000-054000	CLAMP 54	1	1	1					
12	1	129470-12210	JOINT ASSY	1	1	1					
14	2	23876-010000	PLUG PT1/8,SCREW	1	1	1					
15	1	129100-77500	HEATER, AIR	1	1	1	1	1			
16	1	129100-77510	GASKET, AIR HEATER	1	1	1	1	1			
17	1	129470-77590	GASKET, (NON-ASB.)	1	1	1	1	1			
I 17-1	1	129470-77590	GASKET, (NON-ASB.)				2	2			K
(D=E/#10183)											
18	1	26106-080402	BOLT M 8X 40 PLATED	4	4	4	4	4			
19	1	129400-77501	AIR HEATER	1	1	1	1	1			
I 20	1	123482-01900	PLUG	1	1	1	1	1			W
(A=E/#20576) (B=E/#20576) (D=E/#10001)											
I 20-1	1	26106-080122	BOLT M 8X 12 PLATED	1	1	1	1	1			R
(A=E/#20776) (B=E/#20776) (D=E/#10021)											
I 21	1	23414-080000	GASKET 8, ROUND	1	1		1				W
(A=E/#20576) (B=E/#20576) (D=E/#10001)											
I 21-1	1	22190-080002	SEAL WASHER 8S	1	1	1	1	1			R
(A=E/#20776) (B=E/#20776) (D=E/#10021)											
22	1	129571-18140	DUCT				1	1			
23	1	129671-49990	JOINT(R3/8)				1	1			
24	1	194250-51660	BAND 250				2	2			
25	1	119575-77060	RELAY,HEATER				1	1			
26	1	119575-77071	CONTROLLER				1	1			
27	1	129671-77510	STAY,RELAY				1	1			
28	1	129671-77920	WIRE,HARNESS				1	1			
29	1	124616-91370	SWITCH, THERMO				1	1			
30	1	26106-060122	BOLT M 6X 12 PLATED				3	3			
31	1	26106-100162	BOLT M10X 16 PLATED				2	2			
32	1	26716-060002	NUT 6				2	2			
33	1	26716-080002	NUT M 8				2	2			

Fig.15. TURBOCHARGER



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129671-18001	T/C(-TE				1	1			
2	1	128695-44090	PEACOCK				1				
I 2-1	1	129670-49290	COCK R1/8 ASSY				1	1		N	
(D=E/#10333)											
3	1	171007-49400	JOINT				2				
I 3-1	1	171007-49400	JOINT				1	1		K	
(D=E/#10005)											
4	1	124460-77680	RETAINER				1	1			
5	1	23061-070300	PIPE 7X 300				1	1			
6	1	26703-080002	NUT M 8				4	4			
7	1	129470-12301	SILENCER, INTAKE				1	1			
9	2	129470-12320	BRACKET				1	1			
10	2	129470-12330	ELEMENT ASSY				1	1			
11	1	23000-054000	CLAMP 54				1	1			
12	1	129571-18130	DUCT, AIR				1	1			
13	1	129470-77590	GASKET, (NON-ASB.)				1	1			
14	1	26106-080402	BOLT M 8X 40 PLATED				4	4			
15	1	129595-18141	HOSE, RUBBER				1	1			
16	1	23000-060000	CLAMP 60				2	2			
17	1	129472-13520	GASKET				1	1			
18	1	129671-13550	ELBOW, WATER MIXING				1	1			
19	1	22137-080000	WASHER 8, POLISHED				3	3			
20	1	26703-080002	NUT M 8				3	3			
21	1	129472-13500	ELBOW MIXING COMP.				1	1			
23	2	129472-13560	PLUG PT3/4				1	1			
24	1	129472-13520	GASKET				1	1			
25	1	129472-13550	SUPPORT				1	1			
26	1	129472-13560	PLUG PT3/4				1	1			
27	1	129472-49050	PIPE				1				
I 27-1	1	129671-49050	PIPE				1	1		R	
(D=E/#11493)											
28	1	123325-49421	JOINT, PIPE				1	1			
29	1	26106-080352	BOLT M 8X 35 PLATED				4	4			
30	1	26703-080002	NUT M 8				3	3			
31	1	128170-13600	STUD				3	3			
32	1	129472-18090	GASKET				1	1			
33	1	129472-49040	PIPE, C. SEA WATER				1				
I 33-1	1	129673-49050	CSW PIPE				1	1		R	
(D=E/#10799)											
I 34	1	104407-44480	JOINT				1	1		W	
(D=E/#10005)											
I 35	1	22133-080000	WASHER 8				4	4		W	
(D=E/#10021)											
I 36	1	23000-035000	CLAMP 35				2			W	
(D=E/#10183)											
I 36-1	1	129670-49500	HOSE CLIP 38				2	2		R	
(D=E/#11597)											
I 37	1	22137-080000	WASHER 8, POLISHED				3	3		W	
(D=E/#10183)											
38	1	23000-035000	CLAMP 35				2				
I 38-1	1	129670-49500	HOSE CLIP 38				2	2		R	



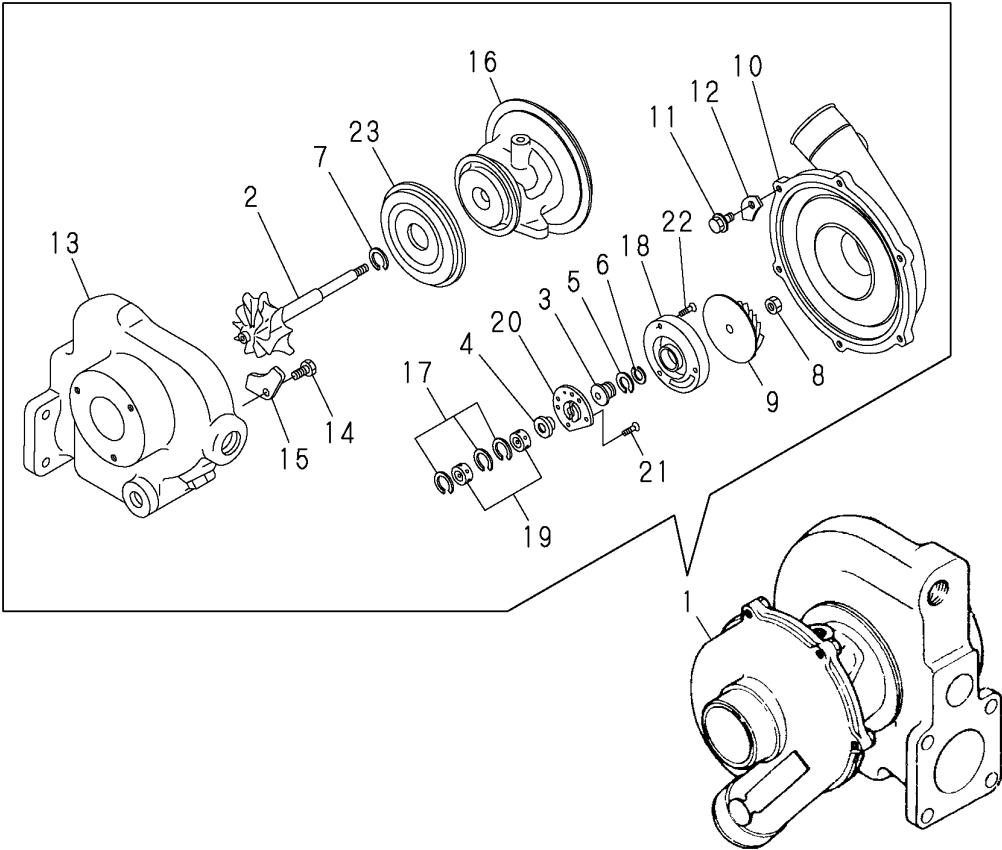
0CR10-G46701 15. TURBOCHARGER

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

[illegible]

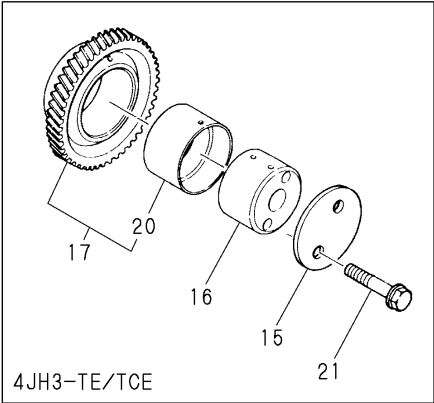
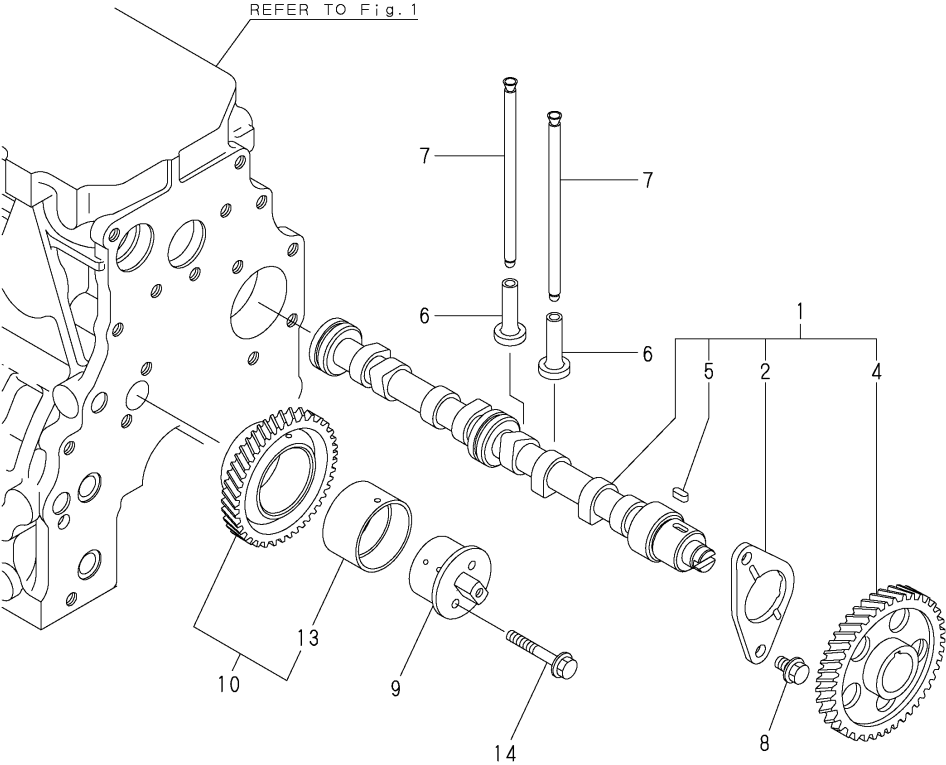
Fig.16. TURBOCHARGER COMPONENT PART



(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129671-18001	T/C(-TE				1	1			
2	2	XNN131614	SHAFT				1	1			
3	2	XNN131578	SHELTER				1	1			
4	2	XNN131579	BUSH, THRUST				1	1			
5	2	XNB131008	SEAL RING,BLOW.SIDE				1	1			
6	2	XNN131008	SEAL RING,BLOW.SIDE				1	1			
7	2	XNN131536	SEALING				1	1			
8	2	XNN131108	NUT				1	1			
9	2	XNN136613	IMPELLER				1	1			
10	2	XNN133911	HOUSING,BLOWER				1	1			
11	2	XNB134007	BOLT M 5				6	6			
12	2	XNN134035	RETAINER				6	6			
13	2	XNE928727	HOUSING				1	1			
14	2	XNN137007	BOLT M8				5	5			
15	2	XNN137423	RETAINER				5	5			
16	2	XNE923383	HOUSING,BEARING				1	1			
17	2	XNN133208	CIRCLIP				3	3			
18	2	XNN133022	PLATE, SEAL				1	1			
19	2	XNN133506	METAL, FLOATING				2	2			
20	2	XNN133596	METAL, THRUST				1	1			
21	2	XNB133206	SCREW				4	4			
22	2	XNB133208	SCREW(SEAL PLATE				3	3			
23	2	XNN137055	HEAT PROTECTOR				1	1			

Fig.17. CAMSHAFT

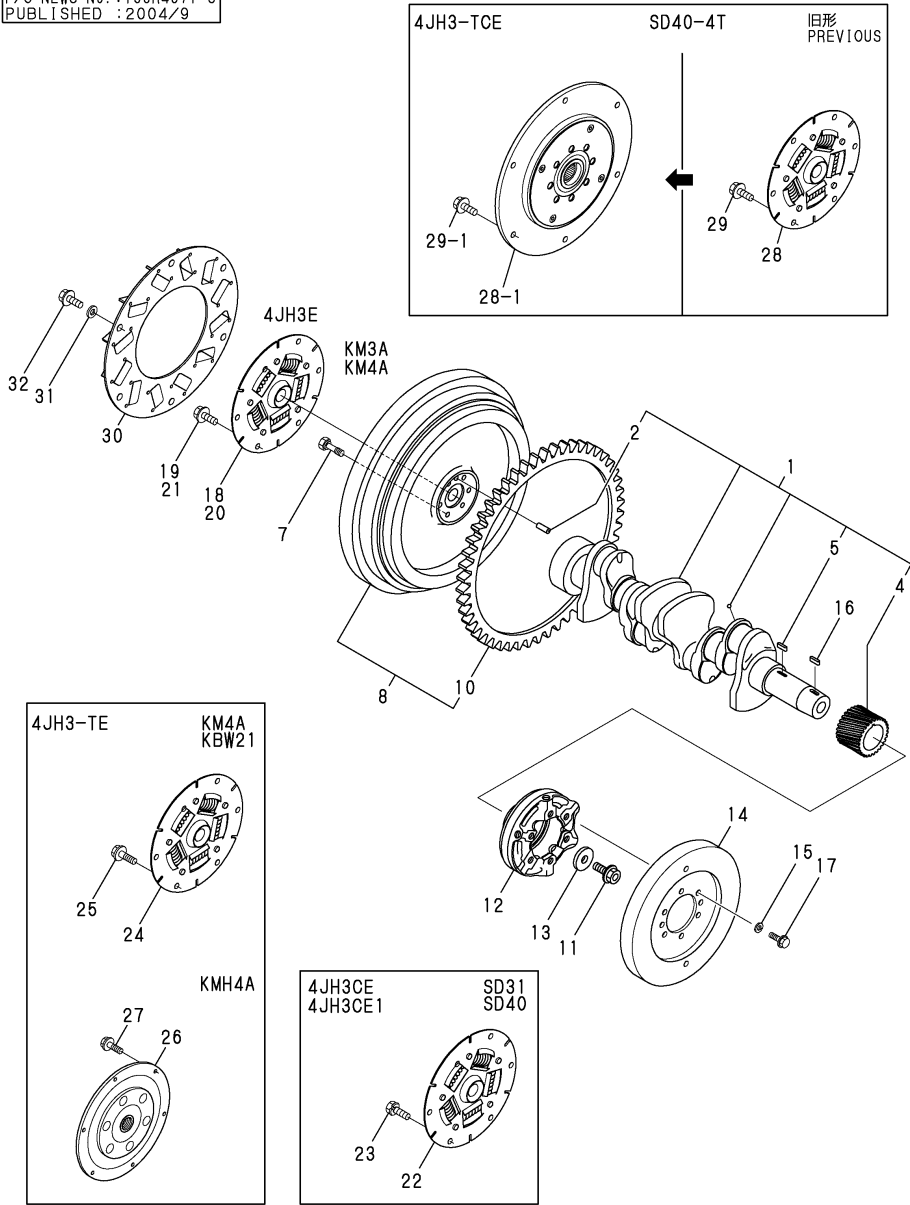


Remarks
(1)REPAIR PART

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-14000	SHAFT ASSY, CAM	1	1	1					
1A	1	129472-14000	CAMSHAFT CMP					1	1		
2	2	129150-02450	METAL,THRUST(CAM	1	1	1	1	1	1		
4	2	129150-14101	GEAR, CAMSHAFT	1	1	1	1	1			
5	2	22512-070140	KEY 7X 14	1	1	1	1	1			
6	1	129150-14200	TAPPET	8	8	8	8	8			
7	1	129150-14400	ROD, PUSH	8	8	8					
7A	1	119171-14400	PUSH ROD					8	8		
8	1	26106-080142	BOLT 8X 14 PLATED	2	2	2	2	2			
9	1	129100-25061	SHAFT, IDLE GEAR	1	1	1					
10	1	129150-25101	GEAR W/BUSH	1	1	1					
13	2	129150-25920	BUSH, IDLE GEAR	1	1	1					1
14	1	26106-080452	BOLT M 8X 45 PLATED	2	2	2					
15	1	129150-25020	RETAINER					1	1		
16	1	129150-25052	SHAFT, IDLE					1	1		
17	1	129672-25100	GEAR ASSY, IDLE					1	1		
20	2	129573-25090	BUSH, IDLE GEAR					1	1		1
21	1	119174-25060	BOLT M8X45,COLLAR					2	2		

Fig.18. CRANKSHAFT & FLYWHEEL

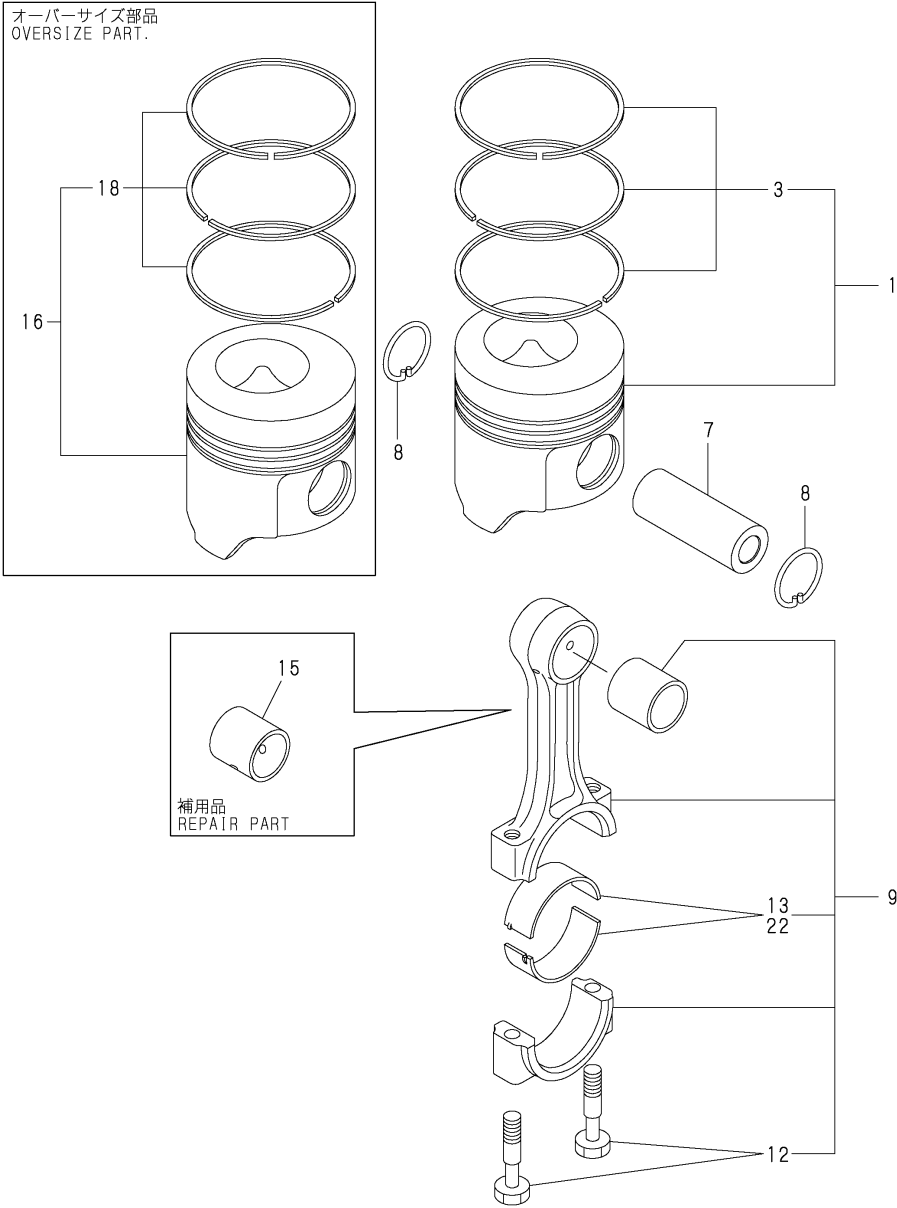
P/C NEWS No.:Y00R4671-3
PUBLISHED : 2004/9



Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.28-1,29-1.

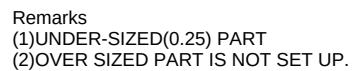
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129407-21000	CRANKSHAFT ASSY	1	1	1					
1A	1	129418-21000	CRANKSHAFT ASSY					1	1		
2	2	129100-01580	PARALLEL PIN 8X16					1	1		
4	2	129150-21200	GEAR, CRANKSHAFT	1	1	1	1	1	1		
5	2	22512-070140	KEY 7X 14	1	1	1	1	1	1		
7	1	121111-21501	BOLT, FLYWHEEL	6	6	6	6	6	6		
8	1	129670-21590	FLYWHEEL ASSY	1	1	1					
8A	1	129574-21590	FLYWHEEL ASSY					1	1		
10	2	119865-21600	GEAR, RING	1	1	1					
10A	2	124550-21600	RING GEAR					1	1		
11	1	121850-21130	BOLT, FLYWHEEL	1	1	1	1	1	1		
12	1	129693-21650	V-PULLEY	1	1	1	1	1	1		
13	1	129693-21660	WASHER	1	1	1	1	1	1		
14	1	129693-28010	DAMPER	1	1	1	1	1	1		
15	1	22217-080000	SPRING WASHER 8	6	6	6	6	6	6		
16	1	22512-070160	KEY 7X 16	1	1	1	1	1	1		
17	1	26106-080162	BOLT M 8X 16 PLATED	6	6	6	6	6	6		
18	1	177070-03520	DISC, DAMPER	1							
19	1	26106-080162	BOLT M 8X 16 PLATED	6							
20	1	177090-03500	DISC, DAMPER	1							
21	1	26106-080162	BOLT M 8X 16 PLATED	6							
22	1	177099-03500	DISK, (NON-ASB.)		1	1					
23	1	26013-080142	BOLT M 8X 14		6	6					
24	1	177090-03500	DISC, DAMPER					1			
25	1	26106-080162	BOLT M 8X 16 PLATED					6			
26	1	129673-81760	DISK, DAMPER					1			
27	1	26106-080202	BOLT M 8X 20 PLATED					6			
28	1	177090-03500	DISC, DAMPER						1		
28-1	1	196440-04310	TORFLEX250(SP10)						1		F 1
(E=*2004.04)											
29	1	26106-080162	BOLT M 8X 16 PLATED					6			
29-1	1	26106-080222	BOLT M 8X 22 PLATED					6			F 1
(E=*2004.04)											
30	1	177073-03191	FAN	1				1			
30-1	1	129670-81850	FAN (FLYWHEEL	1				1			R
(A=E/#21955) (D=E/#10399)											
31	1	22217-080000	SPRING WASHER 8	6				6			
32	1	26106-080162	BOLT M 8X 16 PLATED	6				6			

Fig.19. PISTON(4JH3E)

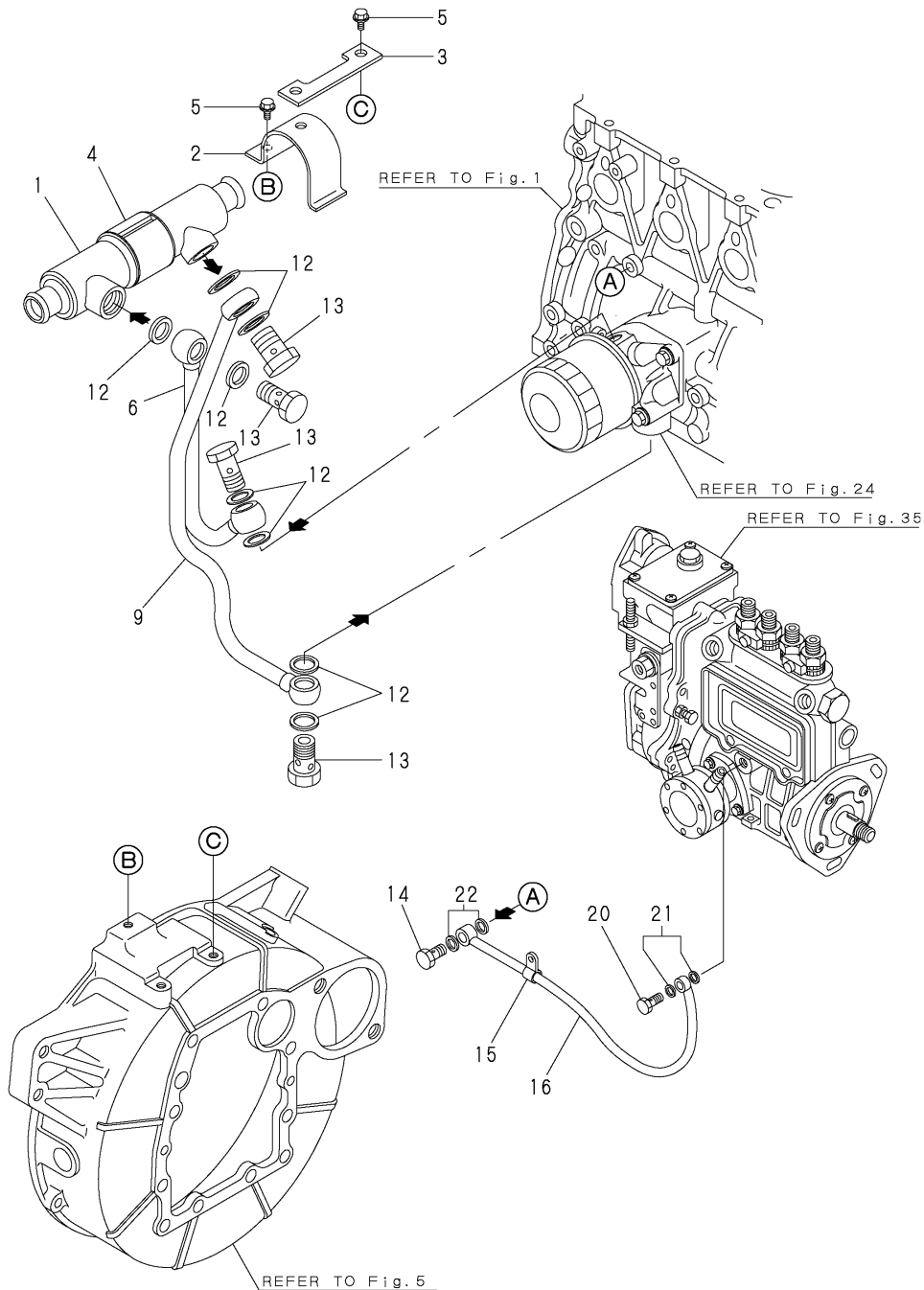


Remarks
(1)REPAIR PART
(2)UNDER SIZE(U.S=0.25)PART.
(3)OVER SIZE(O.S=0.25)PART.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129670-22000	PISTON CMP	4	4	4					
1-1	1	129690-22000	PISTON W/RINGS	4	4	4					N
		(A=E/#23803) (B=E/#23803) (C=E/#23803)									
3	2	129002-22510	RING SET, PISTON	4	4	4					
3-1	2	129690-22510	RING SET, PISTON	4	4	4					N
		(A=E/#23803) (B=E/#23803) (C=E/#23803)									
7	1	129202-22300	PIN, PISTON(D26,L70)	4	4	4					
8	1	22252-000260	CIRCLIP 26	8	8	8					
9	1	729402-23100	ROD ASSY, CONNECTING	4	4	4					
12	2	121550-23200	BOLT, CONNECTING ROD	8	8	8					
13	2	129150-23600	METAL, CRANKPIN	4	4	4					
15	1	129100-23910	BUSH, PISTON PIN	4	4	4					1
16	1	129670-22090	PISTON O.S 0.25	4	4	4					3
18	2	129002-22950	RING SET O.S=0.25	4	4	4					3
I 18-1	2	729690-22540		4	4	4					N
		(A=E/XXXX) (B=E/XXXX) (C=E/XXXX)									
22	1	129150-23610	METAL.PIN US=0.25	4	4	4					2



N:Old $\begin{matrix} \text{Yes} \\ \text{No} \end{matrix}$ New, Q:Old $\begin{matrix} \text{No} \\ \text{Yes} \end{matrix}$ New, R:Old $\begin{matrix} \text{Yes} \\ \text{Yes} \end{matrix}$ New, S:Old $\begin{matrix} \text{No} \\ \text{No} \end{matrix}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
(C)Copy Rights YANMAR CO.,LTD.



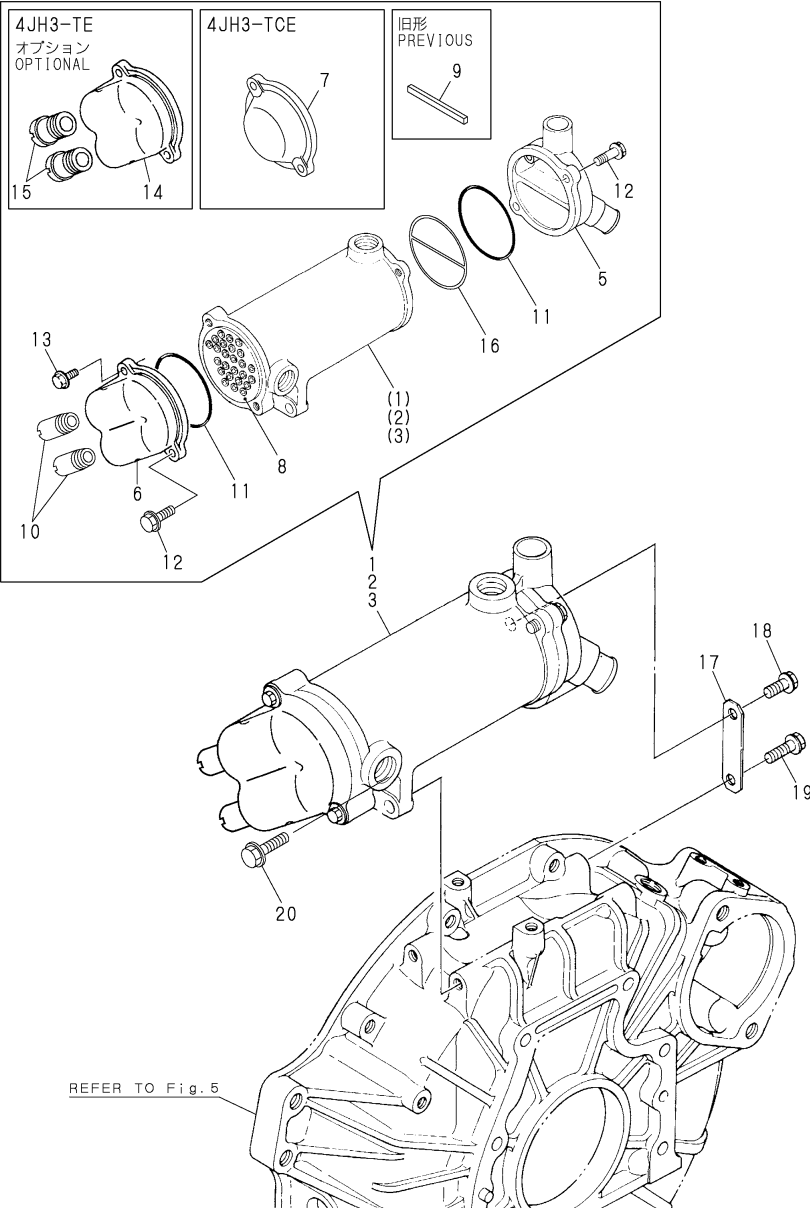
0CR10-G46701 21. LUB.OIL COOLER(4JH3E)

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129670-33000	LO COOLER CMP	1	1	1					
2	1	129670-33510	SUPPORT A	1	1	1					
3	1	129670-33520	SUPPORT B	1	1	1					
4	1	129670-33530	RUBBER SHEET	1	1	1					
5	1	26106-080122	BOLT M 8X 12 PLATED	3	3	3					
6	1	129670-39201	LO PIPE CMP,A	1	1	1					
9	1	129670-39300	LO PIPE CMP,B	1	1	1					
12	1	23414-200000	GASKET 20, ROUND	8	8	8					
13	1	23857-150000	JOINT BOLT 15	4	4	4					
14	1	124160-39140	BOLT 10, PIPE JOINT	1	1	1					
15	1	124450-39240	RETAINER, PIPE	1	1	1					
16	1	129470-39452	PIPE,LUB OIL	1	1	1					
20	1	124550-59820	BOLT 8, PIPE JOINT	1	1	1					
21	1	22190-080002	SEAL WASHER 8S	2	2	2					
22	1	23414-100000	GASKET 10, ROUND	2	2	2					

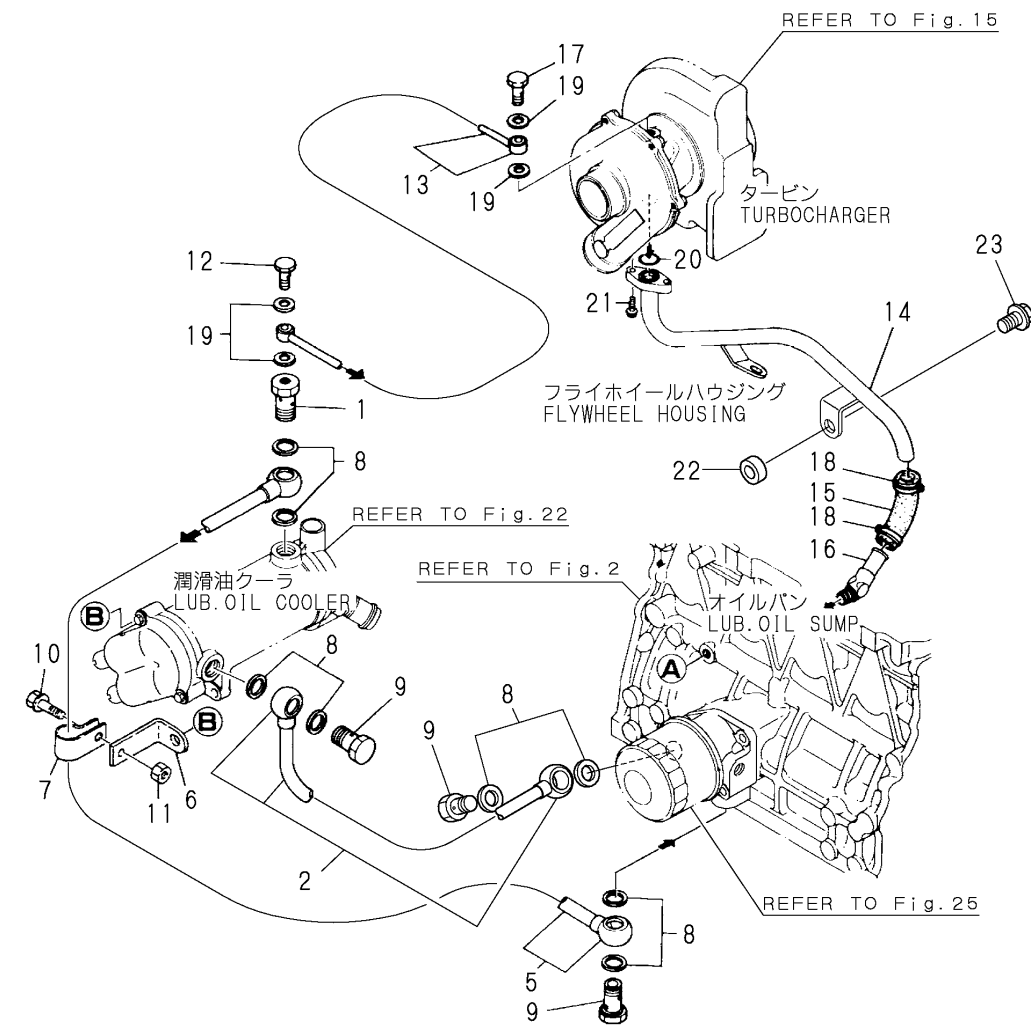
Fig.22. LUB.OIL COOLER(4JH3-TE)



Remarks
(1)OPTIONAL
(2)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.16.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I 1	1	129673-33000	COOLER, LUB OIL				1				
	1-1	129673-33001	COOLER ASSY, LUB.OIL				1			R	
(D=E/#13135)											
I 2	1	129671-33000	COOLER ASSY, OIL					1			
	2-1	129671-33001	COOLER ASSY, OIL					1		R	
(E=E/#13135)											
I 3	1	129673-33100	COOLER, LUB OIL				1				1
	3-1	129673-33101	COOLER ASSY, LUB.OIL				1			R	1
(D=E/#13135)											
5	2	129673-33020	COVER A				1	1			
6	2	129673-33030	COVER B				1				
7	2	129670-44420	COVER B,CFW COOLER					1			
I 8	2	129673-33040	CORE, LUB OIL COOLER				1	1			
	8-1	129673-33041	CORE, LUB OIL COOLER				1	1		F	2
(D=E/#13135) (E=E/#13135)											
9	3	129270-44490	SEALING				1			W	
(D=FROM 1ST)											
I 9-1	3	129270-44490	SEALING				1	1		Z	
(D=E/#13135) (E=E/#13135)											
10	2	104271-49060	JOINT				2				
11	2	24321-000800	O-RING 1A G-80.0				2	2			
12	2	26106-080252	BOLT M 8X 25 PLATED				3	3			
13	2	26106-080302	BOLT M 8X 30 PLATED				1	1			
14	2	129673-33130	COVER B				1				1
15	2	123325-49421	JOINT, PIPE				2				1
I 16	2	129673-33050	GASKET(OIL COOLER				1	1		W	
(D=E/#13135) (E=E/#13135)											
17	1	129474-33500	CLAMP				1	1			
18	1	26106-080142	BOLT 8X 14 PLATED				1	1			
19	1	26106-080162	BOLT M 8X 16 PLATED				1	1			
20	1	26106-080252	BOLT M 8X 25 PLATED				2	2			

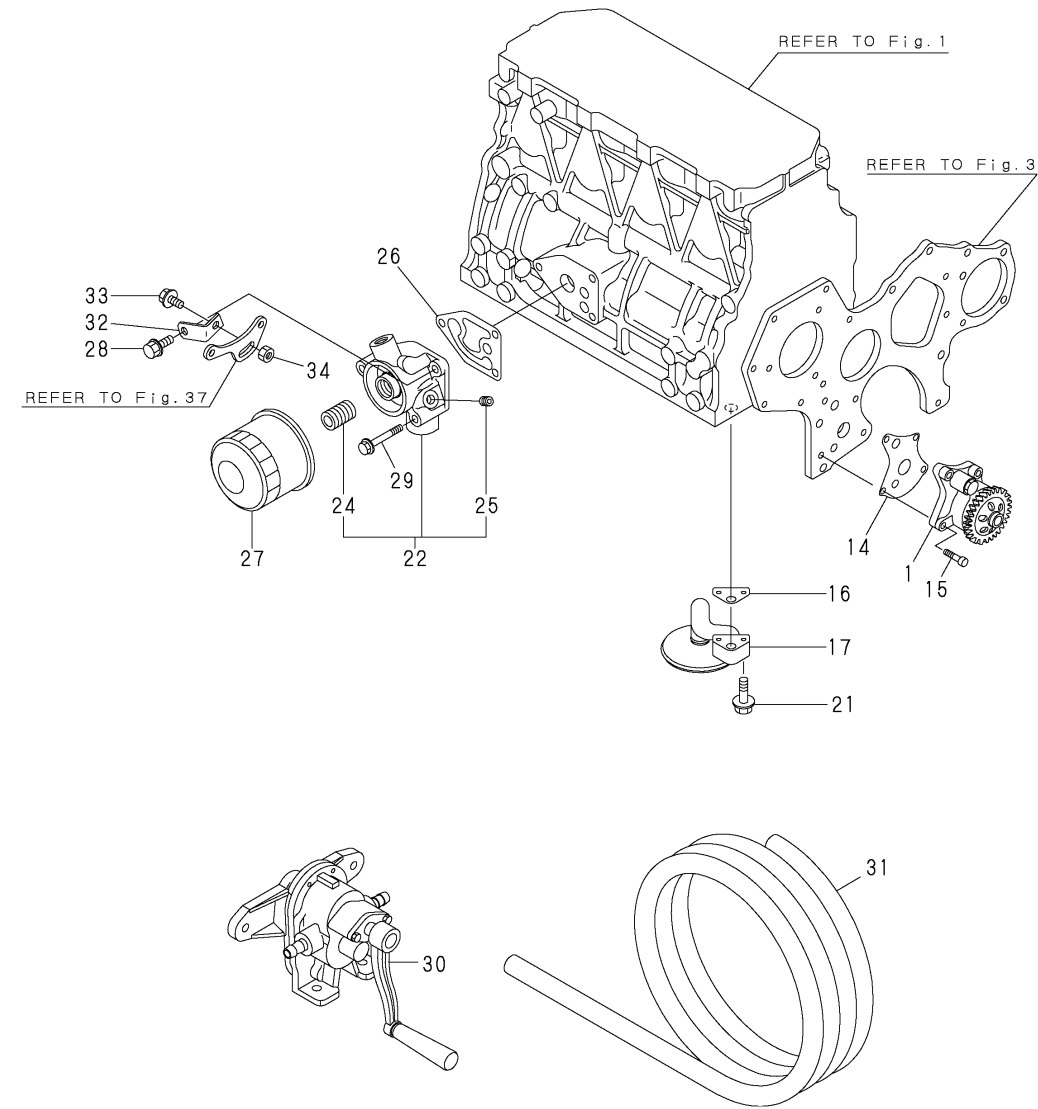
Fig.23. LUB.OIL PIPE(4JH3-TE)



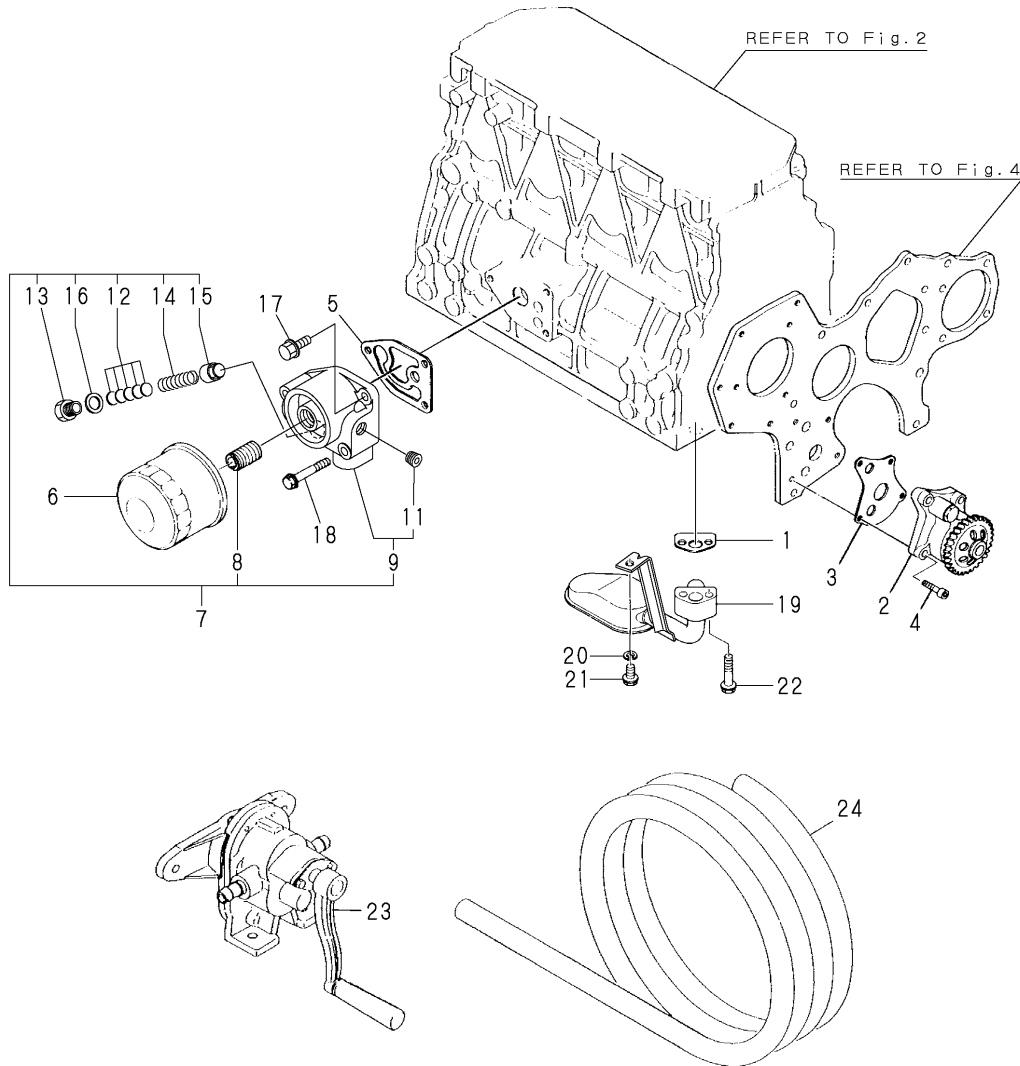
(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129472-39020	BOLT M20 X M10				1	1			
2	1	129693-39250	PIPE, LUB. OIL				1	1			
5	1	129673-39300	PIPE, LUB. OIL				1	1			
6	1	129495-39350	STAY				1	1			
7	1	129495-39360	CLAMP				1	1			
8	1	23414-200000	GASKET 20, ROUND				8	8			
9	1	23857-150000	JOINT BOLT 15				3	3			
10	1	26106-060162	BOLT M 6X 16 PLATED				1	1			
11	1	26756-060002	LOCK NUT 6				1	1			
12	1	121252-39150	BOLT, PIPE JOINT				1	1			
13	1	129474-39450	PIPE, LUB OIL				1	1			
14	1	129693-39600	PIPE, LUB. OIL				1	1			
15	1	129792-39610	JOINT, RUBBER				1	1			
16	1	129472-39620	ELBOW				1	1			
17	1	124413-39710	BOLT M 10				1	1			
18	1	23000-025000	CLAMP 25				2	2			
19	1	23414-100000	GASKET 10, ROUND				4	4			
20	1	24314-000180	O-RING 4C P-18.0				1	1			
21	1	26106-060162	BOLT M 6X 16 PLATED				2	2			
22	1	129301-34830	SPACER				1	1			
23	1	26106-100252	BOLT M10X 25 PLATED				1	1			

Fig.24. LUB.OIL SYSTEM(4JH3E)



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129670-32000	PUMP LUB.OIL ASSY	1	1	1					
14	1	129150-32020	GASKET, L.O. PUMP	1	1	1					
15	1	26450-060252	BOLT M 6X 25	4	4	4					
16	1	129150-35041	GASKET, (NON-ASB.)	1	1	1					
17	1	129670-35090	PIPE,OIL INLET ASSY	1	1	1					
21	1	26106-080352	BOLT M 8X 35 PLATED	2	2	2					
22	1	129670-35101	BRACKET ASSY,L.O.F	1	1	1					
24	2	129100-35140	STUD	1	1	1					
25	2	23876-020000	PLUG PT1/4,SCREW	1	1	1					
26	1	129470-35121	GASKET	1	1	1					
27	1	129150-35151	FILTER 80X80L	1	1	1					
28	1	26106-080202	BOLT M 8X 20 PLATED	1	1	1					
29	1	26106-080502	BOLT M 8X 50 PLATED	2	2	2					
30	1	124413-39100	PUMP, OIL SUMP	1	1	1					
31	1	43720-001220	PIPE	1	1	1					
I 32	1	129590-59200	CLAMP	1	1	1					W
		(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST)									
I 33	1	26106-080162	BOLT M 8X 16 PLATED	1	1	1					W
		(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST)									
I 34	1	26306-080002	NUT	1	1	1					W
		(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST)									



0CR10-G46701 25. LUB.OIL SYSTEM(4JH3-TE)

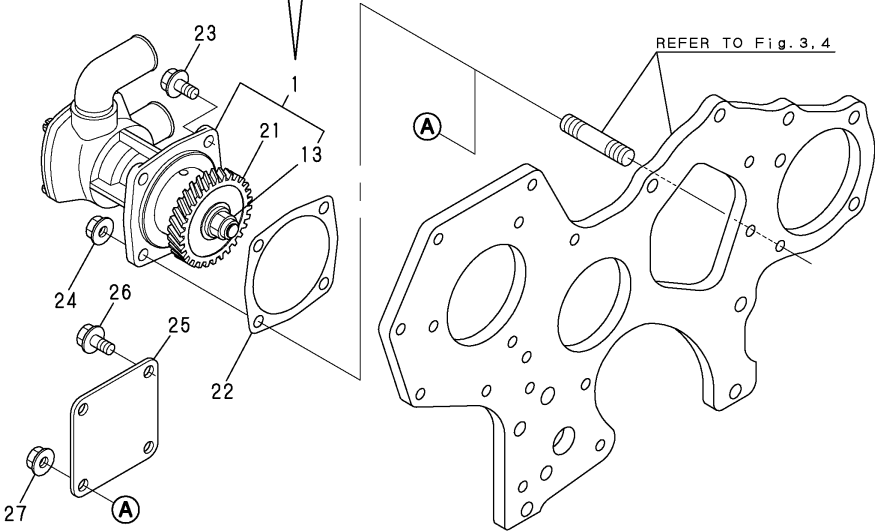
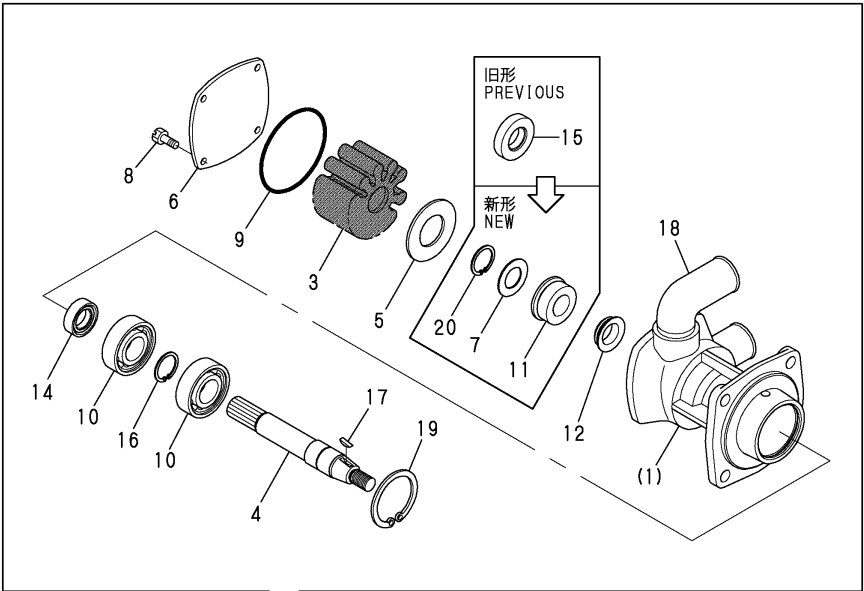
(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-35040	GASKET				1	1			
2	1	129470-32000	PUMP ASSY, LUB. OIL				1	1			
3	1	129150-32020	GASKET, L.O. PUMP				1	1			
4	1	26450-060252	BOLT M 6X 25				4	4			
5	1	129693-35130	GASKET				1	1			
6	1	129150-35151	FILTER 80X80L				1	1			
7	1	129693-35150	BRACKET ASSY, FILTER				1	1			
8	2	129100-35140	STUD				1	1			
9	2	129693-35170	BRACKET SET				1	1			
11	3	23876-020000	PLUG PT1/4,SCREW				1	1			
12	2	121850-35200	SHIM SET				1	1			
13	2	124223-35510	RETAINER				1	1			
14	2	121850-35520	SPRING, VALVE				1	1			
15	2	121850-35531	VALVE				1	1			
16	2	23414-180000	GASKET 18, ROUND				1	1			
17	1	26106-080202	BOLT M 8X 20 PLATED				1	1			
18	1	26106-080502	BOLT M 8X 50 PLATED				2	2			
19	1	129473-35091	PIPE ASSY, OIL INLET				1	1			
20	1	22217-080000	SPRING WASHER 8				1	1			
21	1	26106-080142	BOLT 8X 14 PLATED				1	1			
22	1	26106-080352	BOLT M 8X 35 PLATED				2	2			
23	1	124413-39100	PUMP, OIL SUMP				1	1			
24	1	43720-001220	PIPE				1	1			

Fig.26. COOLING SEA WATER PUMP

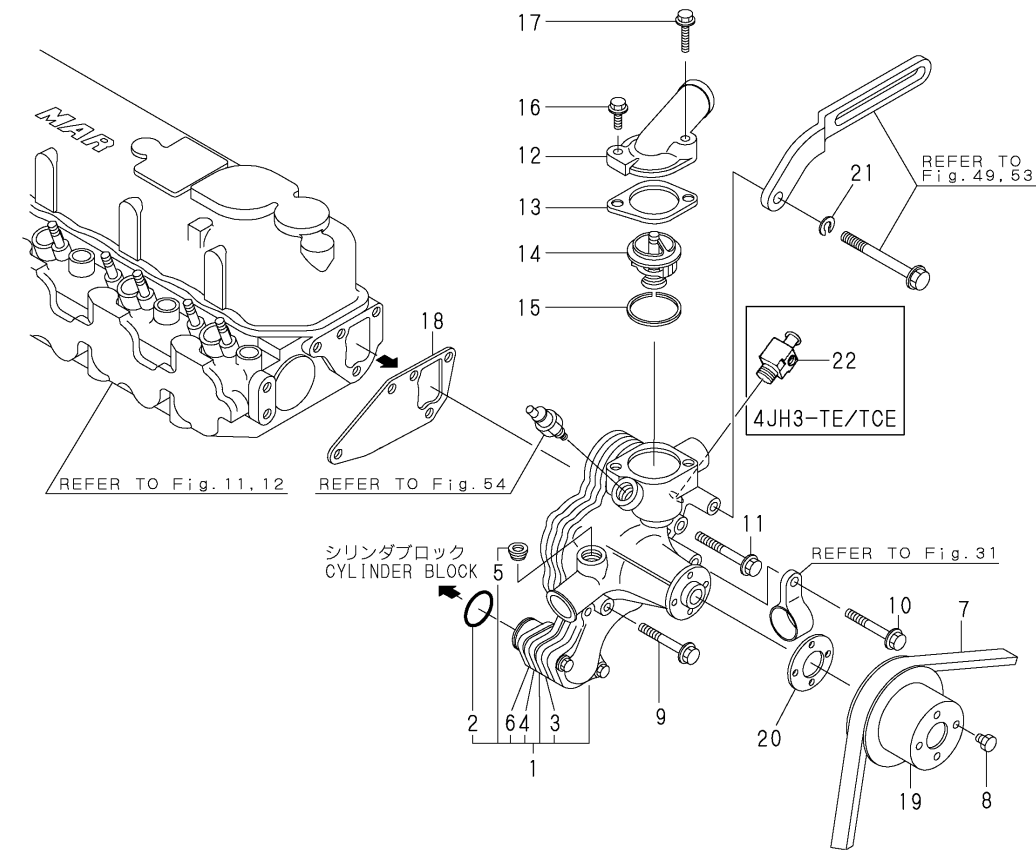
P/C NEWS No. :Y00R4671-4
PUBLISHED :2005/4



(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

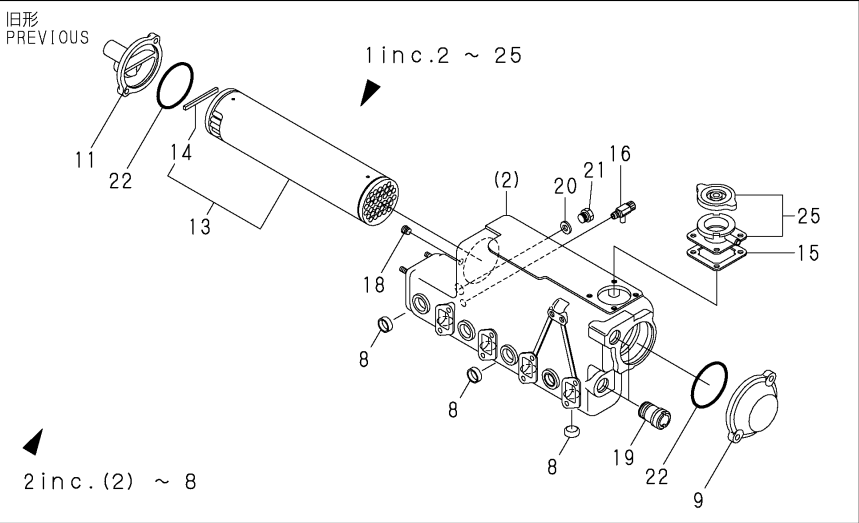
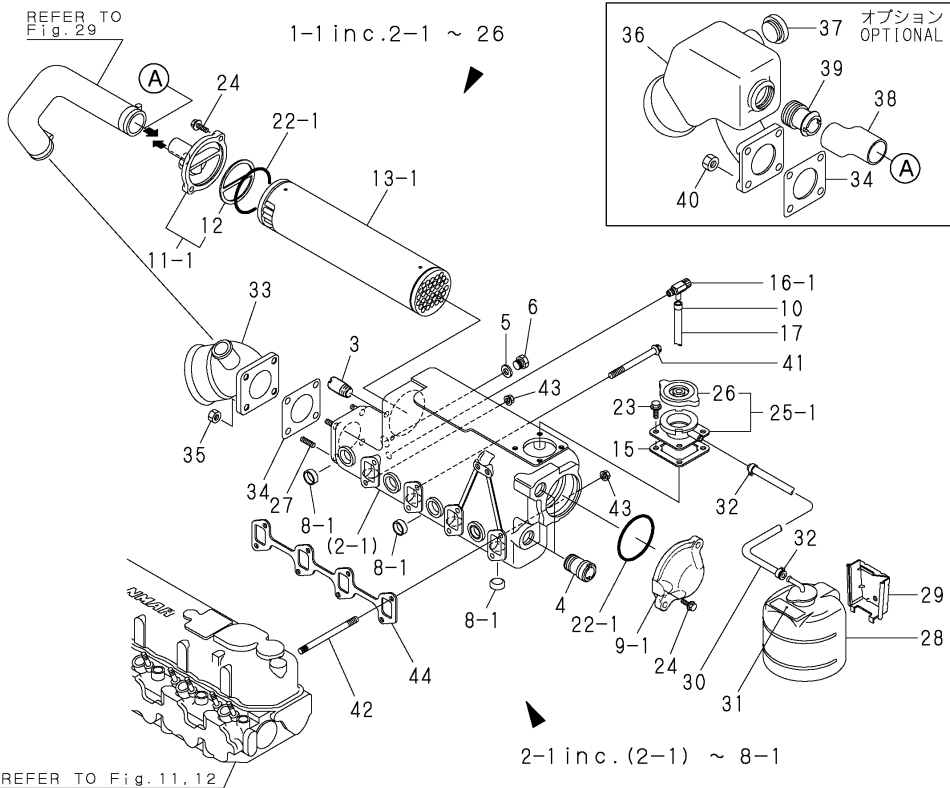
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129670-42500	PUMP,SEA WATER	1	1		1				
1-1	1	129670-42501	PUMP ASSY, C. WATER	1	1		1			R	
(A=E/#22126) (B=E/#22126) (D=E/#10584)											
1-2	1	129670-42510	PUMP ASSY, C. WATER	1	1	1	1	1		N	
(A=E/#22643) (B=E/#22643) (D=E/#10799)											
3	2	129670-42530	IMPELLER	1	1	1	1	1			
4	2	X0146531	SHAFT	1	1	1	1	1			
5	2	129670-42540	PLATE	1	1	1	1	1			
6	2	129670-42520	COVER	1	1	1	1	1			
I	7	2 129670-42550	WASHAER	1	1	1	1	1		W	
(A=E/#22643) (B=E/#22643) (D=E/#10799)											
8	2	X0504550	BOLT	4	4		4				
8-1	2	119175-42620	SCREW	4	4	4	4	4		R	
(A=FROM 1ST) (B=FROM 1ST) (D=FROM 1ST)											
9	2	X0506590	O-RING	1	1	1	1	1			
10	2	X0508129	BEARING	2	2	2	2	2			
I	11	2 129670-42560	MECHANICAL SHEEL	1	1	1	1	1		W	
(A=E/#22643) (B=E/#22643) (D=E/#10799)											
12	2	X0519503	V-RING	1	1	1	1	1			
13	2	X0505526	LOCKNUT	1	1	1	1	1			
14	2	X0529105	LIP SEAL	1	1	1	1	1			
I	15	2 X0529530	LIP SEAL	1	1		1			Z	
(A=E/#22643) (B=E/#22643) (D=E/#10799)											
16	2	X053421	CIRCLIP	1	1	1	1	1			
17	2	129670-42580	KEY	1	1	1	1	1			
18	2	X01357681	CONNECTION	1	1	1	1	1			
19	2	X0534130	CIRCLIP	1	1	1	1	1			
I	20	2 129670-42570	CIRCLIP	1	1	1	1	1		W	
(A=E/#22643) (B=E/#22643) (D=E/#10799)											
21	1	129670-42700	GEAR	1	1	1	1	1			
22	1	129150-01881	GASKET, (NON ASB.)	1	1	1	1	1			
23	1	26106-080162	BOLT M 8X 16 PLATED	3	3	3	3	3			
24	1	26306-080002	NUT	1	1	1	1	1			
25	1	124240-01871	COVER, HO-P	1	1	1	1	1			
26	1	26106-080162	BOLT M 8X 16 PLATED	3	3	3	3	3			
27	1	26306-080002	NUT	1	1	1	1	1			

Fig.27. COOLING FRESH WATER PUMP



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-42001	PUMP ASSY, C.F.WATER	1	1	1	1	1			
I 1-1	1	129470-42002	PUMP ASSY, C.F.WATER	1	1	1	1	1		R	
		(A=E/#25450) (B=E/#25450) (C=E/#25450) (D=E/#12627)									
2	2	129150-42320	O-RING	1	1	1	1	1			
I 2-1	2	129054-42320	O-RING	1	1	1	1	1		N	
		(A=E/#25450) (B=E/#25450) (C=E/#25450) (D=E/#12627)									
I 3	2	129470-42050	GASKET	1	1	1	1	1			
I 3-1	2	129052-42050	GASKET	1	1	1	1	1		R	
		(A=E/#25450) (B=E/#25450) (C=E/#25450) (D=E/#12627)									
I 4	2	129470-42310	GASKET	1	1	1	1	1			
I 4-1	2	129052-42310	GASKET, OUTER	1	1	1	1	1		R	
		(A=E/#25450) (B=E/#25450) (C=E/#25450) (D=E/#12627)									
5	2	124085-11690	PLUG NPT 3/8	3	3	3	3	3			
I 5-1	2	23875-030000	PLUG PT3/8,STEEL	3	3	3	3	3		S	
		(A=E/#25450) (B=E/#25450) (C=E/#25450) (D=E/#12627)									
6	2	129150-42300	FLANGE, C. W. PUMP	1	1	1	1	1			
7	1	25132-004600	V-BELT	1	1	1	1	1			
8	1	26106-060102	BOLT 6X 10 PLATED	4	4	4	4	4			
9	1	26106-080552	BOLT M 8X 55 PLATED	2	2	2	2	2			
10	1	26106-080552	BOLT M 8X 55 PLATED	1	1	1					
10A	1	26106-080602	BOLT M 8X 60 PLATED				1	1			
11	1	26106-080552	BOLT M 8X 55 PLATED	1	1	1					
11B	1	26106-080652	BOLT M 8X 65 PLATED				1	1			
12	1	129470-49540	COVER, THERMOSTAT	1	1	1	1	1			
13	1	129795-49551	GASKET, (NON-ASB.)	1	1	1	1	1			
14	1	129470-49801	THERMOSTAT	1	1	1	1	1			
15	1	129470-49810	GASKET, (NON-ASB.)	1	1	1	1	1			
16	1	26106-080252	BOLT M 8X 25 PLATED	1	1	1	1	1			
17	1	26106-080352	BOLT M 8X 35 PLATED	1	1	1	1	1			
18	1	129150-42020	GASKET, C.W. PUMP	1	1	1	1	1			
I 18-1	1	129486-42050	GASKET	1	1	1	1	1		R	
		(A=*2002.10) (B=*2002.10) (C=*2002.10) (D=*2002.10)									
19	1	129550-42350	V-PULLEY(D=120)	1	1	1	1	1			
20	1	129156-44760	WASHER	1	1	1	1	1			
21	1	22217-080000	SPRING WASHER 8	1	1	1	1	1			
22	1	129473-49310	JOINT				1	1			

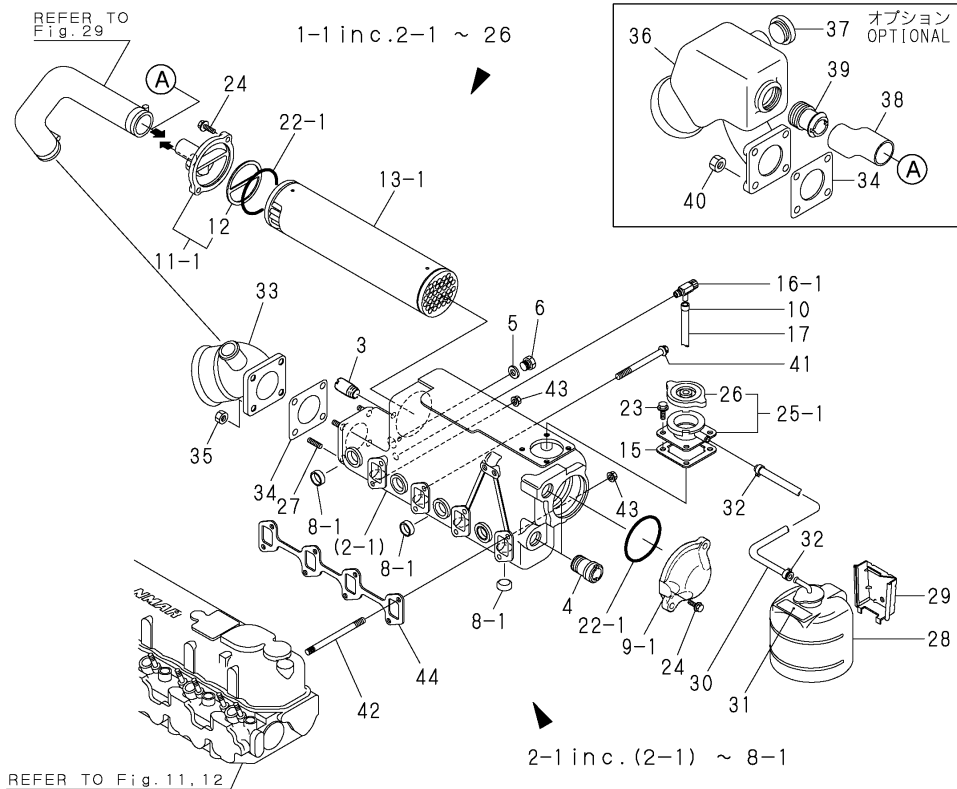
Fig.28. COOLING FRESH WATER COOLER



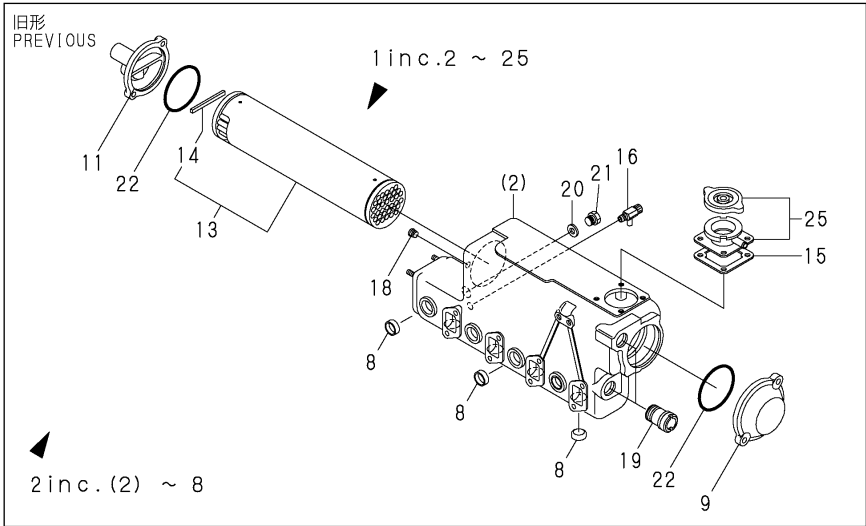
(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129670-44900	HEAT EXCHANGER ASSY	1	1	1	1	1			
I 1-1	1	129473-44900	EXCHAGER ASSY CFW	1	1	1	1	1		N	
		(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191)						(E=E/#12191)			
2	2	129670-44000	BODY CMP,HEAT EXCHAN	1	1	1	1	1			
I 2-1	2	129473-44000	COOLER,FRESH WATER	1	1	1	1	1		S	
		(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191)						(E=E/#12191)			
I 3	3	104407-44480	JOINT	1	1	1	1	1		W	
		(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191)						(E=E/#12191)			
I 4	3	124160-49480	JOINT, PIPE	2	2	2	2	2		W	
		(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191)						(E=E/#12191)			
I 5	3	23414-170000	GASKET 17, ROUND	1	1	1	1	1		W	
		(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191)						(E=E/#12191)			
I 6	3	23894-030002	PLUG G3/8,HEX.	1	1	1	1	1		W	
		(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191)						(E=E/#12191)			
8	3	27241-280000	PLUG 28	8	8	8	8	8			
I 8-1	3	27241-280000	PLUG 28	4	4	4	4	4		K	
		(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191)						(E=E/#12191)			
9	2	129670-44420	COVER B,CFW COOLER	1	1	1	1	1			
I 9-1	2	129470-44450	COVER (B)	1	1	1	1	1		S	
		(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191)						(E=E/#12191)			
10	2	23080-013000	CLAMP 13,HOSE	1	1	1	1	1			
11	2	129670-44410	COVER A,CFW COOLER	1	1	1	1	1			
I 11-1	2	129470-44440	COVER (A)	1	1	1	1	1		S	
		(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191)						(E=E/#12191)			
I 12	3	120322-33050	GASKET	1	1	1	1	1		W	
		(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191)						(E=E/#12191)			
13	2	129670-44400	CORE ASSY,CFW COOLER	1	1	1	1	1			
I 13-1	2	129473-44111	CORE ASSY	1	1	1	1	1		S	
		(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191)						(E=E/#12191)			
14	3	129270-44490	SEALING	1	1	1	1	1		W	
		(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST) (D=FROM 1ST) (E=FROM 1ST)									
I 14-1	3	129270-44490	SEALING	1	1	1	1	1		Z	
		(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191)						(E=E/#12191)			
15	2	120445-44640	GASKET	1	1	1	1	1			
16	2	120130-49350	COCK 1/4	1	1		1				
I 16-1	2	119620-49290	COCK ASSY 1/4	1	1	1	1	1		N	
		(A=E/#21539) (B=E/#21539) (D=E/#10233)									
17	2	23061-120300	PIPE 12X 300	1	1	1	1	1			
I 18	2	23871-030000	PLUG PT3/8,SCREW	1	1	1	1	1		Z	
		(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191)						(E=E/#12191)			
I 19	2	124160-49480	JOINT, PIPE	2	2	2	2	2		Z	
		(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191)						(E=E/#12191)			
I 20	2	23414-170000	GASKET 17, ROUND	1	1	1	1	1		Z	
		(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191)						(E=E/#12191)			
I 21	2	23894-030002	PLUG G3/8,HEX.	1	1	1	1	1		Z	
		(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191)						(E=E/#12191)			
22	2	24321-000800	O-RING 1A G-80.0	2	2	2	2	2			
I 22-1	2	24321-000750	O-RING 1A G-75.0	2	2	2	2	2		S	
		(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191)						(E=E/#12191)			
23	2	26106-080162	BOLT M 8X 16 PLATED	4	4	4	4	4			
24	2	26106-080252	BOLT M 8X 25 PLATED	4	4	4	4	4			

Fig.28. COOLING FRESH WATER COOLER



REFER TO Fig. 11, 12

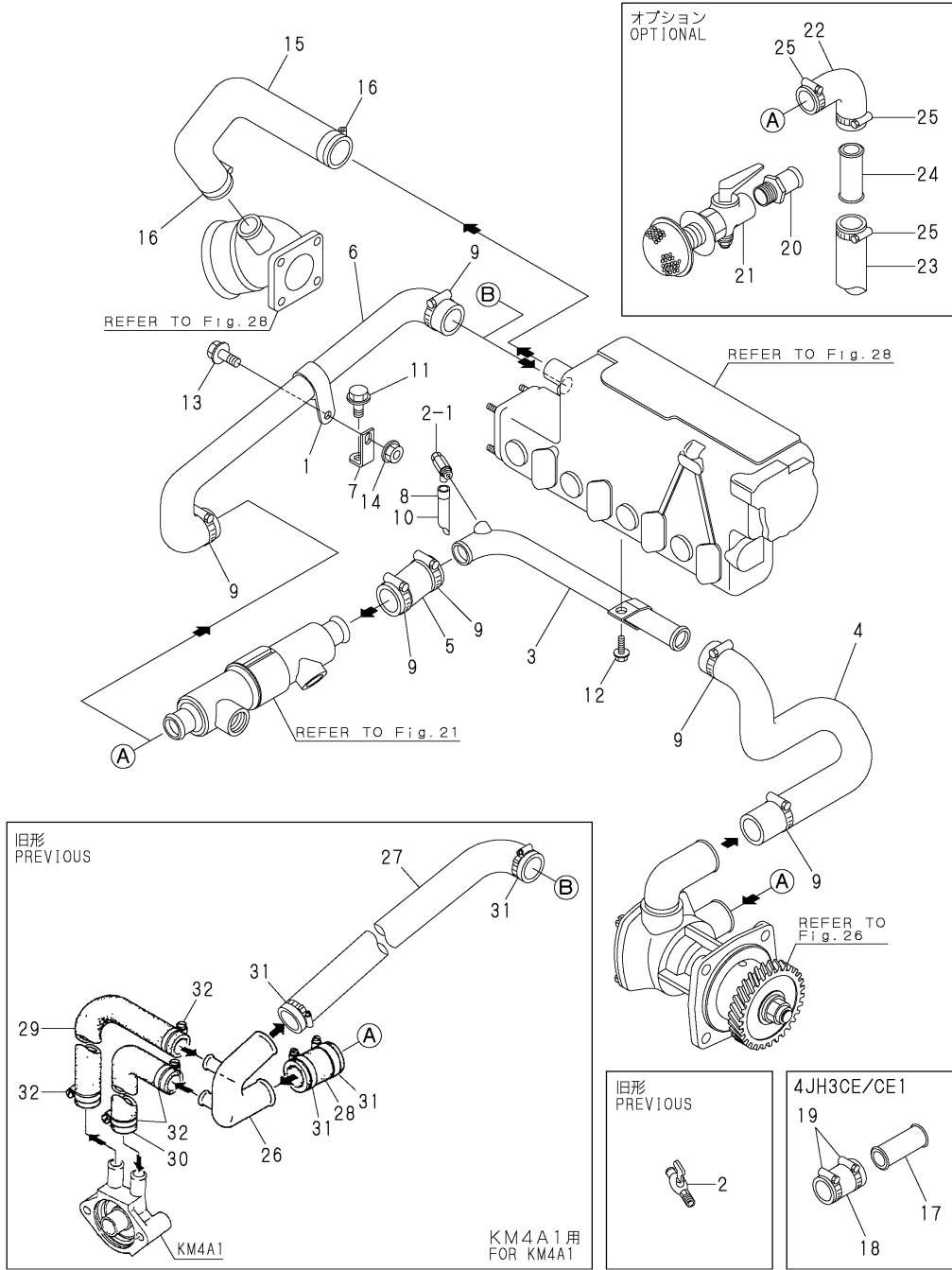


(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

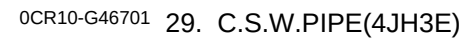
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
25	2	129670-44600	FILLER CMP	1	1	1	1				
I 25-1	2	129171-44600	FILLER ASSY	1	1	1	1	1		R	
		(A=E/#24255) (B=E/#24255) (C=E/#24255) (D=E/#11769)									
I 26	3	129107-44590	CAP, RADIATOR	1	1	1	1	1		W	
		(A=E/#24255) (B=E/#24255) (C=E/#24255) (D=E/#11769)									
27	1	128170-13600	STUD	4	4	4	4	4			
28	1	128397-44500	TANK ASSY, RESERVE	1	1	1	1	1			
29	1	128397-44510	BRACKET, SUB-TANK	1	1	1	1	1			
30	1	124790-44560	PIPE, C. WATER	1	1	1	1	1			
31	1	129670-44570	LABEL	1	1	1	1	1			
32	1	23010-013000	CLAMP 13	2	2	2	2	2			
33	1	129670-13560	MIXING ELBOW	1	1	1					
34	1	129472-18090	GASKET	1	1	1					
35	1	26703-080002	NUT M 8	4	4	4					
36	1	129470-13541	ELBOW, WATER MIXING	1	1	1					
37	1	129472-13560	PLUG PT3/4	1	1	1					
38	1	129470-49050	PIPE, COOLING WATER	1	1	1					
39	1	123325-49421	JOINT, PIPE	1	1	1					
40	1	26703-080002	NUT M 8	4	4	4					
41	1	26106-081002	BOLT M 8X100 PLATED	6	6	6	6	6			
42	1	26216-081002	STUD M 8X100 PLATED	2	2	2	2	2			
43	1	26306-080002	NUT	2	2	2	2	2			
44	1	129550-13110	GASKET, EXH.MANIFOLD	1	1	1	1	1			

Fig.29. C.S.W.PIPE(4JH3E)



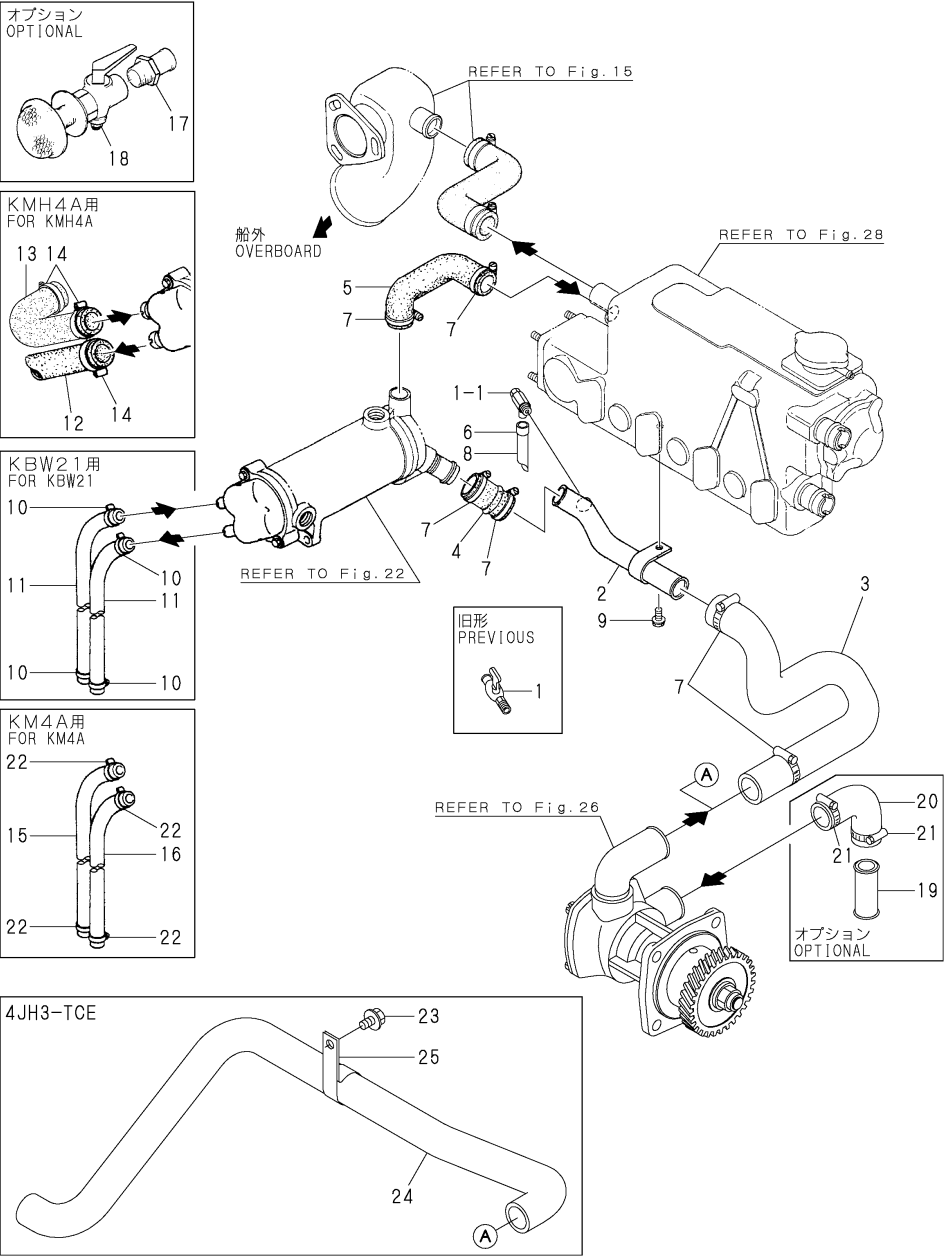
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	127610-03270	RETAINER	1	1	1					
2	1	128695-44090	PEACOCK	1	1						
I 2-1	1	129670-49290	COCK R1/8 ASSY	1	1	1					N
(A=E/#21869) (B=E/#21869)											
3	1	129470-49010	PIPE, C. SEA WATER	1	1	1					
4	1	129670-49010	PIPE A,COOLING WATER	1	1	1					
I 4-1	1	129670-49110	PIPE,CSW(A)	1	1	1					R
(A=E/#23803) (B=E/#23803) (C=E/#23803)											
5	1	129670-49030	PIPE C,COOLING WATER	1	1	1					
I 5-1	1	129670-49130	PIPE,CSW(B)	1	1	1					R
(A=E/#23803) (B=E/#23803) (C=E/#23803)											
6	1	129670-49040	PIPE D,COOLING WATER	1	1	1					
I 6-1	1	129670-49140	PIPE,CSW(C)	1	1	1					R
(A=E/#23803) (B=E/#23803) (C=E/#23803)											
7	1	129670-49350	SUPPORT,CSW-T	1	1	1					
8	1	124460-77680	RETAINER	1	1	1					
9	1	23000-035000	CLAMP 35	6	6	6					
I 9-1	1	129670-49500	HOSE CLIP 38	6	6	6					R
(A=E/#23959) (B=E/#23959) (C=E/#23959)											
10	1	23061-070300	PIPE 7X 300	1	1	1					
11	1	26106-080122	BOLT M 8X 12 PLATED	1	1	1					
12	1	26106-080162	BOLT M 8X 16 PLATED	1	1	1					
13	1	26106-080162	BOLT M 8X 16 PLATED	1	1	1					
14	1	26306-080002	NUT	1	1	1					
15	1	129475-49040	PIPE	1	1	1					
I 15-1	1	129670-49150	PIPE,CSW(D)	1	1	1					R
(A=E/#23803) (B=E/#23803) (C=E/#23803)											
16	1	23000-035000	CLAMP 35	2	2	2					
I 16-1	1	129670-49500	HOSE CLIP 38	2	2	2					R
(A=E/#23959) (B=E/#23959) (C=E/#23959)											
17	1	129490-49070	JOINT		1	1					
18	1	129171-49900	JOINT, RUBBER		1	1					
19	1	23000-035000	CLAMP 35		2	2					
I 19-1	1	129670-49500	HOSE CLIP 38		2	2					R
(B=E/#23959) (C=E/#23959)											
20	1	43530-500570	JOINT	1	1	1					
21	1	43662-025030	COCK ASSY, SEA WATER	1	1	1					
22	1	129474-49010	PIPE	1	1	1					
23	1	129170-49060	PIPE, COOLING WATER	1	1	1					
24	1	129490-49070	JOINT	1	1	1					
25	1	23000-035000	CLAMP 35	4	4	4					
I 25-1	1	129670-49500	HOSE CLIP 38	4	4	4					R
(A=E/#23959) (B=E/#23959) (C=E/#23959)											
I 26	1	129470-49060	PIPE	1							Z
(A=E/#25682)											
I 27	1	129670-49070	PIPE	1							Z
(A=E/#25682)											
I 28	1	129470-49110	JOINT 25X55	1							Z
(A=E/#25682)											
I 29	1	129673-49030	CSW PIPE	1							Z
(A=E/#25682)											



(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

N:Old $\begin{smallmatrix} \text{Yes} \\ \text{No} \end{smallmatrix}$ New, Q:Old $\begin{smallmatrix} \text{No} \\ \text{Yes} \end{smallmatrix}$ New, R:Old $\begin{smallmatrix} \text{Yes} \\ \text{Yes} \end{smallmatrix}$ New, S:Old $\begin{smallmatrix} \text{No} \\ \text{No} \end{smallmatrix}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
(C)Copy Rights YANMAR CO.,LTD.

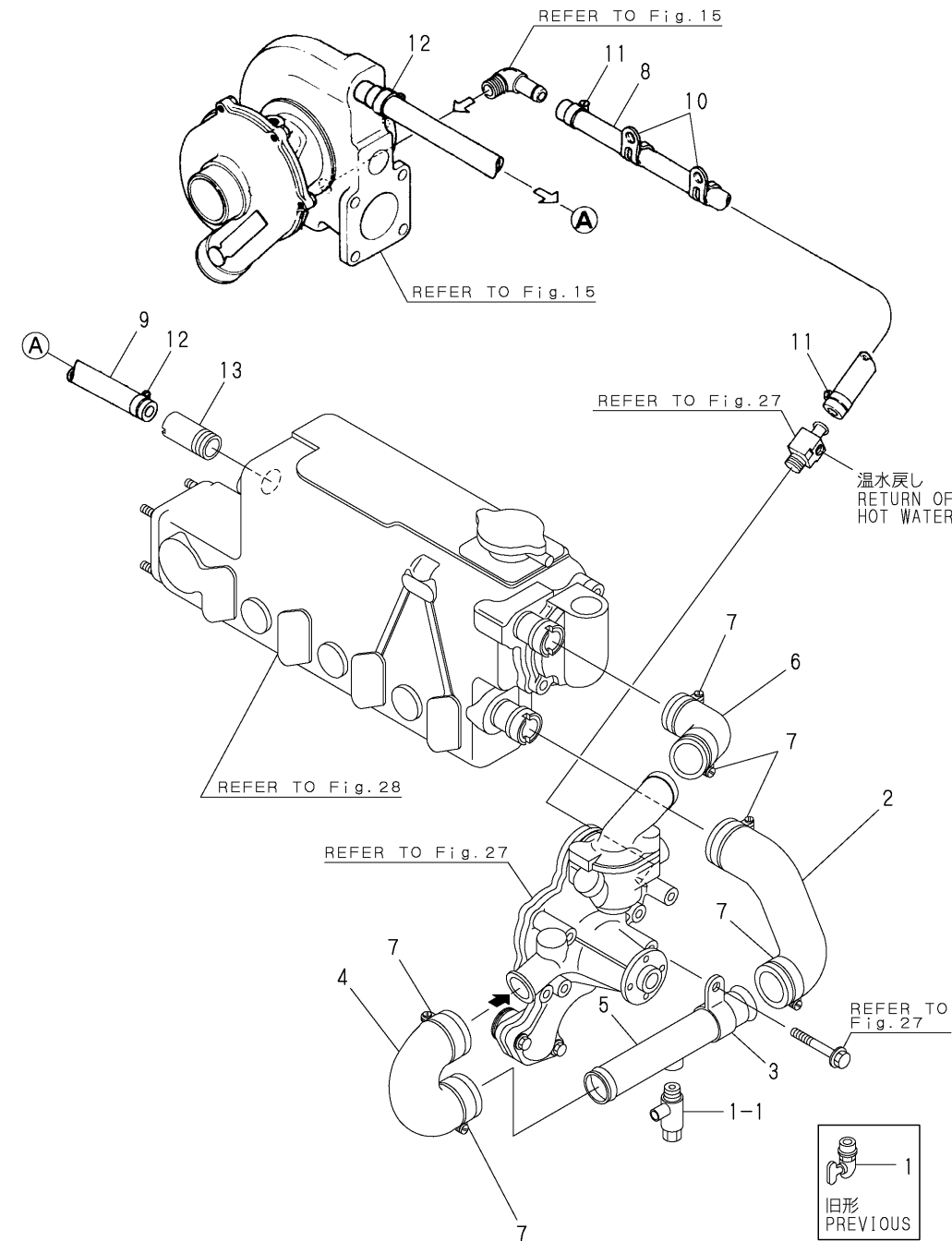
Fig.30. C.S.W.PIPE(4JH3-TE)



Remarks
(1)KBW21

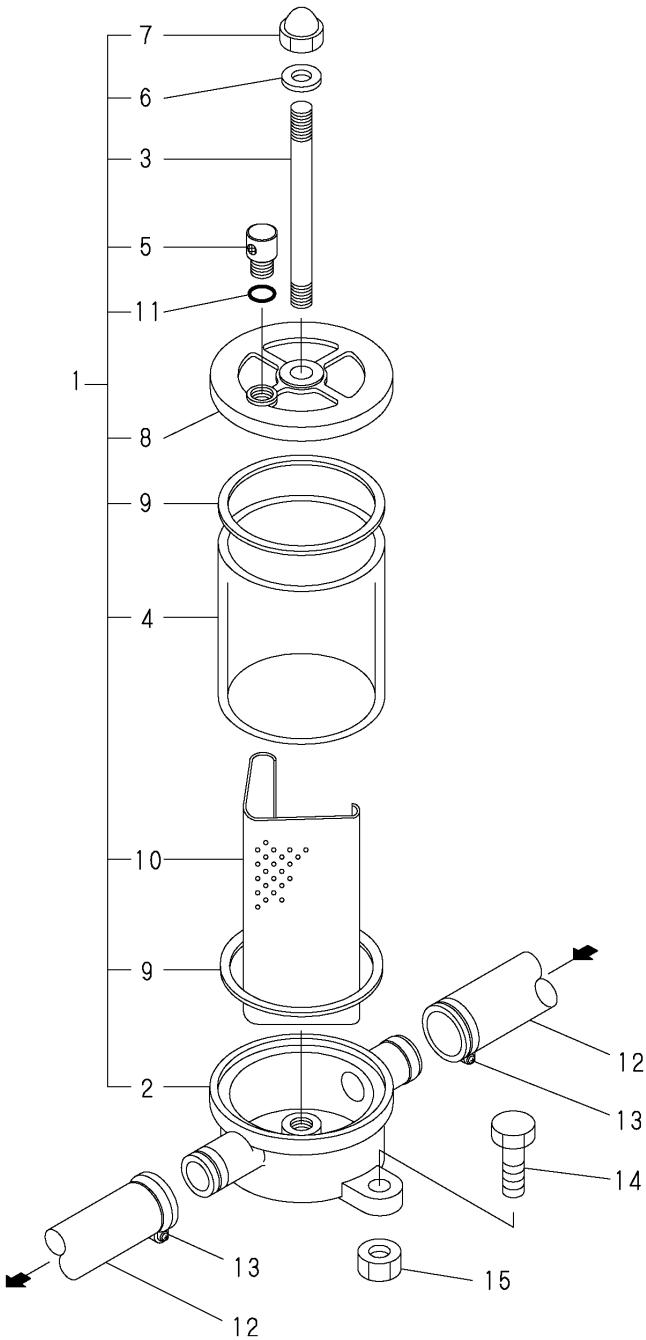
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128695-44090	PEACOCK				1				
I 1-1	1	129670-49290	COCK R1/8 ASSY				1	1		N	
(D=E/#10333)											
2	1	129495-49010	PIPE A				1	1			
3	1	129670-49010	PIPE A,COOLING WATER				1				
3-1	1	129670-49110	PIPE,CSW(A)				1	1		R	
(D=E/#11493)											
4	1	129672-49020	PIPE,COOLING WATER				1				
4-1	1	129673-49020	CSW PIPE(CLUTCH OUT				1	1		R	
(D=E/#10799)											
5	1	129474-49030	PIPE				1				
5-1	1	129671-49040	PIPE,CSW(C)				1	1		R	
(D=E/#11493)											
6	1	124460-77680	RETAINER				1	1			
7	1	23000-035000	CLAMP 35				6				
I 7-1	1	129670-49500	HOSE CLIP 38				6	6		R	
(D=E/#11597)											
8	1	23061-070300	PIPE 7X 300				1	1			
9	1	26106-080162	BOLT M 8X 16 PLATED				1	1			
10	1	23000-022000	CLAMP 22				4				1
11	1	23072-040300	HOSE (13/20X300)				2				1
I 11-1	1	129673-49030	CSW PIPE				2			R	1
(D=E/#10799)											
12	1	129494-49050	PIPE				1				
I 12-1	1	129673-49070	PIPE,CSW(F)				1			R	
(D=E/#11493)											
13	1	129494-49060	PIPE				1				
I 13-1	1	129673-49080	PIPE,CSW(F)				1			R	
(D=E/#11493)											
14	1	23000-035000	CLAMP 35				4				
I 14-1	1	129670-49500	HOSE CLIP 38				4			R	
(D=E/#11597)											
15	1	129673-49030	CSW PIPE				1				
16	1	129673-49100	CSW PIPE				1				
17	1	43530-500570	JOINT				1	1			
18	1	43662-025030	COCK ASSY, SEA WATER				1	1			
19	1	129490-49070	JOINT				1	1			
20	1	129171-49900	JOINT, RUBBER				1	1			
21	1	23000-035000	CLAMP 35				2				
I 21-1	1	129670-49500	HOSE CLIP 38				6	6		R	
(D=E/#11597)											
22	1	23000-022000	CLAMP 22				4				
23	1	26106-080142	BOLT 8X 14 PLATED					1			
24	1	129671-49100	PIPE, COOLING WATER					1			
25	1	129671-49110	RETAINER					1			

Fig.31. COOLING FRESH WATER PIPE



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	1	128695-44090	PEACOCK	1	1		1				
	1-1	129670-49290	COCK R1/8 ASSY	1	1	1	1	1		N	
(A=E/#21869) (B=E/#21869) (D=E/#10333)											
I	2	129470-49200	JOINT	1	1	1	1				
	2-1	129673-49220	CFW PIPE	1	1	1	1	1		R	
(A=E/#22643) (B=E/#22643) (C=E/#22643) (D=E/#10799)											
I	3	129470-49220	RETAINER	1	1	1	1	1			
	4	129470-49240	JOINT 28	1	1	1	1				
	4-1	129673-49230	CFW PIPE	1	1	1	1	1		R	
(A=E/#22643) (B=E/#22643) (C=E/#22643) (D=E/#10799)											
I	5	129470-49250	PIPE, C. FRESH WATER	1	1	1	1	1			
	6	129470-49260	JOINT	1	1	1	1				
	6-1	129671-49210	PIPE, COOLING WATER	1	1	1	1	1		R	
(A=E/#23803) (B=E/#23803) (C=E/#23803) (D=E/#11493)											
I	7	23000-041000	CLAMP 41	6	6	6	6				
	7-1	129670-49500	HOSE CLIP 38	6	6	6	6	6		R	
(A=E/#23959) (B=E/#23959) (C=E/#23959) (D=E/#11597)											
I	8	127420-44560	PIPE				1	1			
	9	129474-49320	PIPE B				1	1			
I	10	194440-51620	CLAMP, WIRE HARNESS				2	2			
	11	23000-013000	CLAMP 13				2	2			
I	12	23000-025000	CLAMP 25				2	2			
	13	104407-44480	JOINT				1	1		W	
(D=E/#10005)											

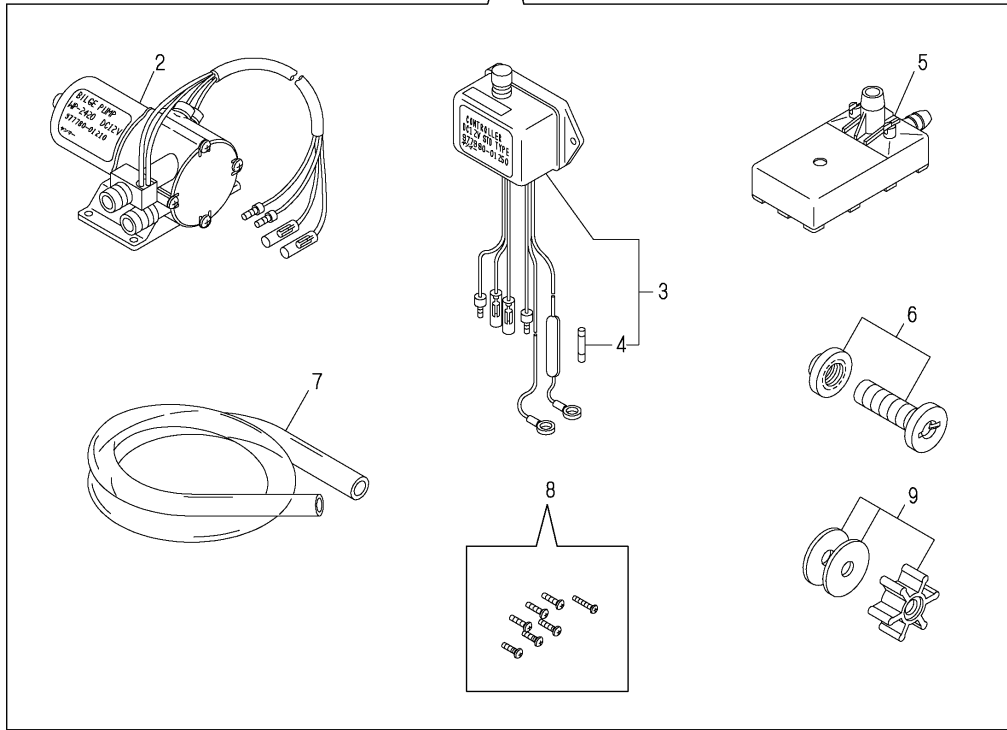
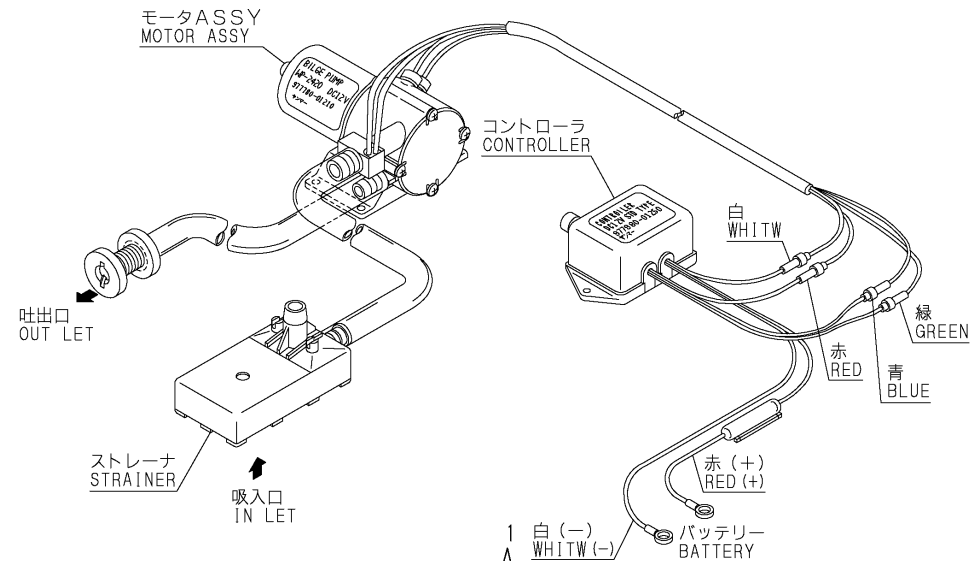
Fig.32. C.S.W.STRAINER(OPTIONAL)



(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129795-48800	STRAINER	1	1	1	1	1			
2	2	XTST25S001	BODY	1	1	1	1	1			
3	2	XTST25S002	BOLT M 8X125	1	1	1	1	1			
4	2	XTST25S003	PIPE, OUTER	1	1	1	1	1			
5	2	XTST25S004	PLUG M 8	1	1	1	1	1			
6	2	XTST25S005	PACKING	1	1	1	1	1			
7	2	26664-080002	CAP NUT M 8	1	1	1	1	1			
8	2	XTST25S007	COVER	1	1	1	1	1			
9	2	XTST25S008	PACKING	2	2	2	2	2			
10	2	XTST25S009	FILTER	1	1	1	1	1			
11	2	24311-000060	O-RING 1A P-6.0	1	1	1	1	1			
12	1	23072-101000	HOSE (25/33X1000)	1	1	1	1	1			
13	1	23000-041000	CLAMP 41	2	2	2	2	2			
I 13-1	1	129670-49500	HOSE CLIP 38	2	2	2	2	2			R
(A=E/#23959) (B=E/#23959) (C=E/#23959) (D=E/#11597)											
14	1	26116-080302	BOLT 8X30	2	2	2	2	2			
15	1	26703-080002	NUT M 8	2	2	2	2	2			

Fig.33. BILGE PUMP(STD)



OCR10-G46701 33. BILGE PUMP(STD)

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

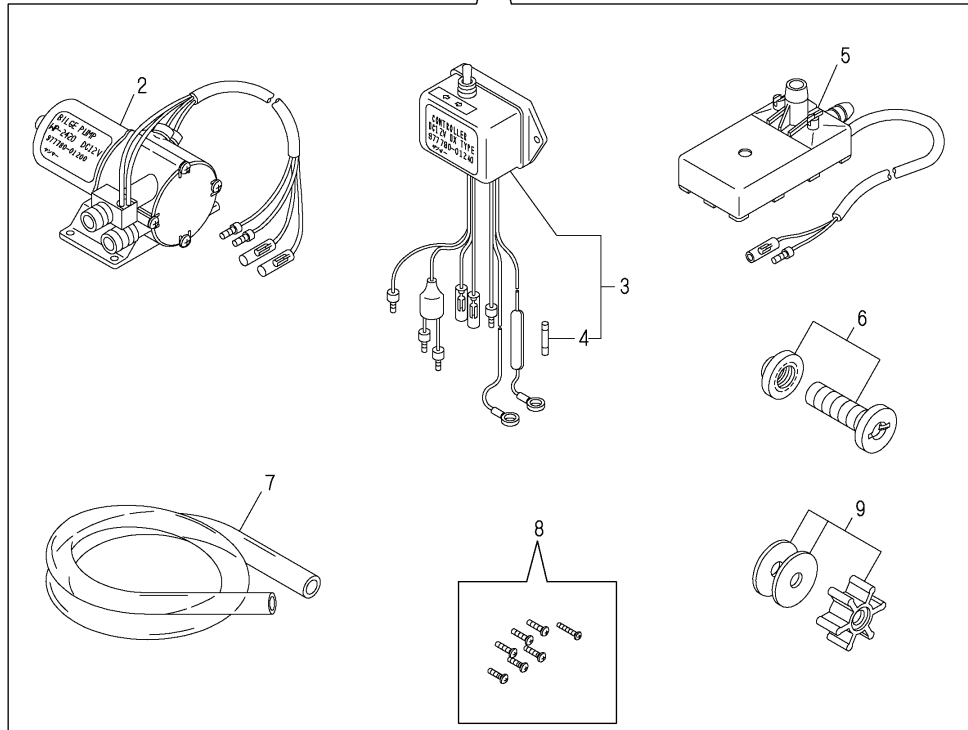
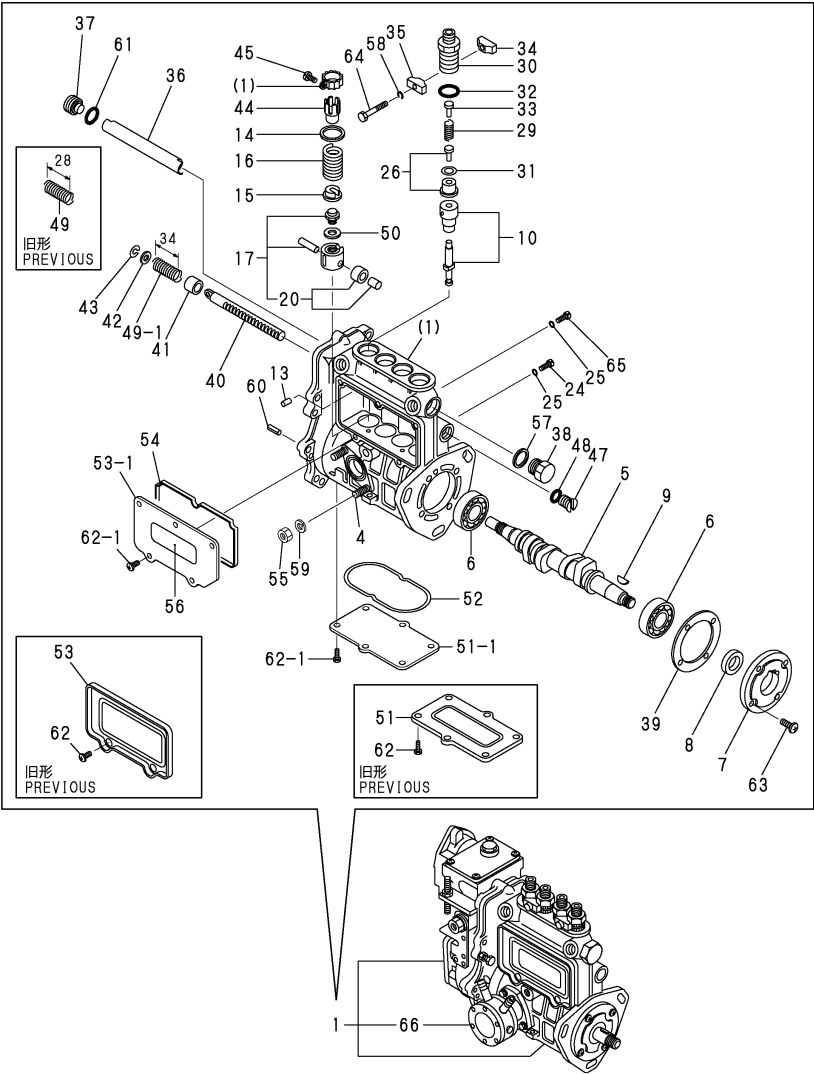
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Fig.35. FUEL INJECTION PUMP(4JH3E)

P/C NEWS No:Y00R4671-1
PUBLISHED:2004/5



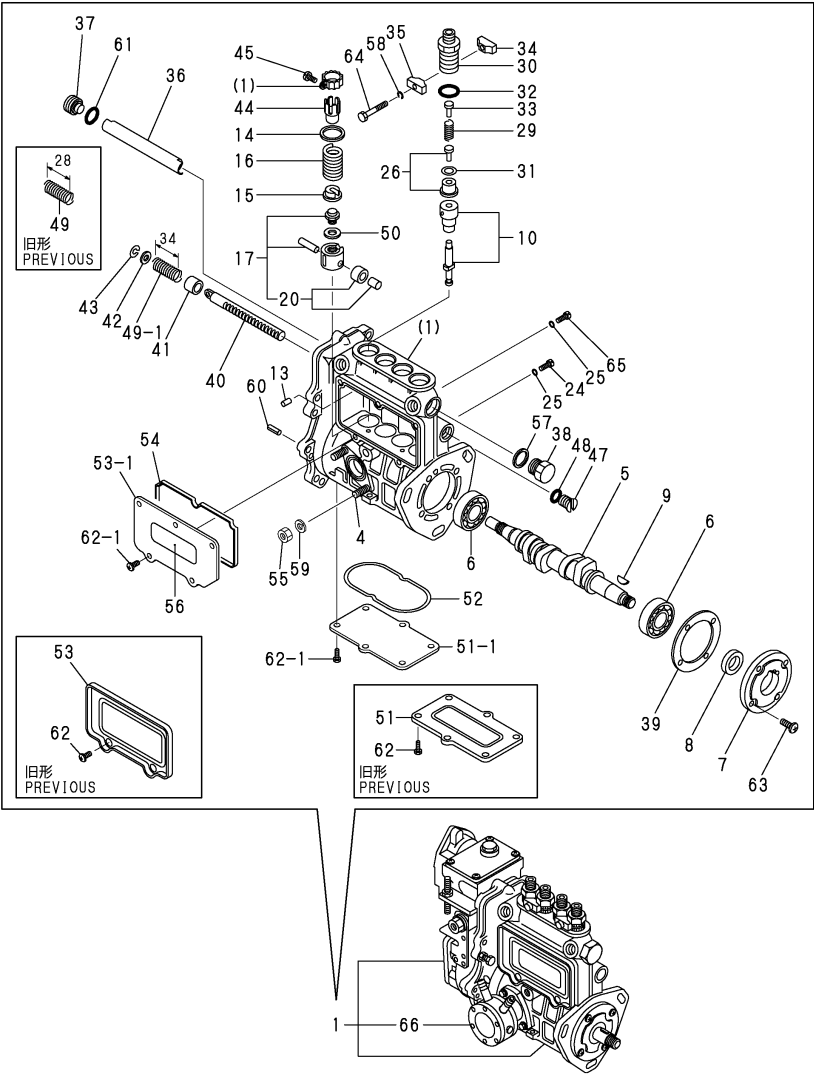
Remarks
(1)GOVERNOR ASSY(FIG.37) AND FUEL
FEED PUMP ASSY(FIG.38) IS
INCORPORATED IN THIS FOEL
INJECTION PUMP ASSY(REF.NO.1)
(2)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.62-1.

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729670-51300	F.I.PUMP ASSY	1	1	1					1
4	2	129155-51020	STUD, FEED PUMP	2	2	2					
5	2	129506-51040	CAMSHAFT	1	1	1					
6	2	122710-51050	BEARING, ROLLER	2	2	2					
7	2	129470-51060	RETAINER	1	1	1					
8	2	129470-51080	SEAL, OIL	1	1	1					
9	2	122710-51090	KEY	1	1	1					
10	2	129470-51101	PLUNGER W/BARREL	4	4	4					
13	2	129155-51140	PIN, BARREL LOCKING	4	4	4					
14	2	174307-51170	RETAINER A	4	4	4					
15	2	129155-51180	SPRING SHOE, PLUNGER	4	4	4					
16	2	124950-51190	SPRING, PLUNGER	4	4	4					
17	2	129155-51200	TAPPET ASSY	4	4	4					
20	3	711100-51540	ROLLER ASSY	4	4	4					
24	2	129155-51270	LOCKING, TAPPET	4	4	4					
25	2	129155-51280	O-RING S6	5	5	5					
26	2	129670-51300	VALVE ASSY	4	4	4					
29	2	129573-51330	SPRING, DELY. VALVE	4	4	4					
30	2	129573-51340	GUARD, DELY. VALVE	4	4	4					
31	2	124550-51350	GASKET, DELIVERY	4	4	4					
32	2	124550-51370	O-RING, DELIVERY	4	4	4					
33	2	129573-51370	STOPPER, VALVE	4	4	4					
34	2	129155-51380	LOCKING (A)	2	2	2					
35	2	129155-51390	LOCKING (B)	2	2	2					
36	2	129555-51400	DEFLECTER	1	1	1					
37	2	129155-51410	CHECK BOLT,DEFLECTOR	1	1	1					
38	2	129155-51420	PLUG (M16)	1	1	1					
39	2	129155-51450	SHIM SET, ADJUSTING	1	1	1					
40	2	129555-51500	RACK, CONTROL	1	1	1					
41	2	129155-51521	BUSH, RACK	1	1	1					
42	2	129155-51530	SPACER, AUX. SPRING	1	1	1					
43	2	129155-51540	CIRCLIP	1	1	1					
44	2	129155-51550	PINION, CONTROL	4	4	4					
45	2	122117-51560	SCREW, PINION	4	4	4					
45-1	2	129100-51570	SCREW	4	4	4					N
(A=E/#24410) (B=E/#24410) (C=E/#24410)											
47	2	129155-51570	PLUG (M12)	1	1	1					
48	2	129155-51580	O-RING	1	1	1					
49	2	129155-51591	SPRING, RACK	1	1	1					
I 49-1	2	129190-51590	SPRING, RACK	1	1	1					N
(A=*2003.12) (B=*2003.12) (C=*2003.12)											
50	2	129155-51600	SHIM PACK	4	4	4					
51	2	129555-51700	COVER	1	1						
51-1	2	129555-51701	COVER	1	1	1					F 2
(A=E/#21367) (B=E/#21367)											
52	2	129555-51710	GASKET	1	1	1					
52-1	2	129555-51711	GASKET	1	1	1					N
(A=E/#23803) (B=E/#23803) (C=E/#23803)											
53	2	129555-51750	COVER, SIDE	1	1						
53-1	2	129555-51751	COVER, SIDE	1	1	1					F 2
(A=E/#21367) (B=E/#21367)											

Fig.35. FUEL INJECTION PUMP(4JH3E)

P/C NEWS No:Y00R4671-1
PUBLISHED:2004/5

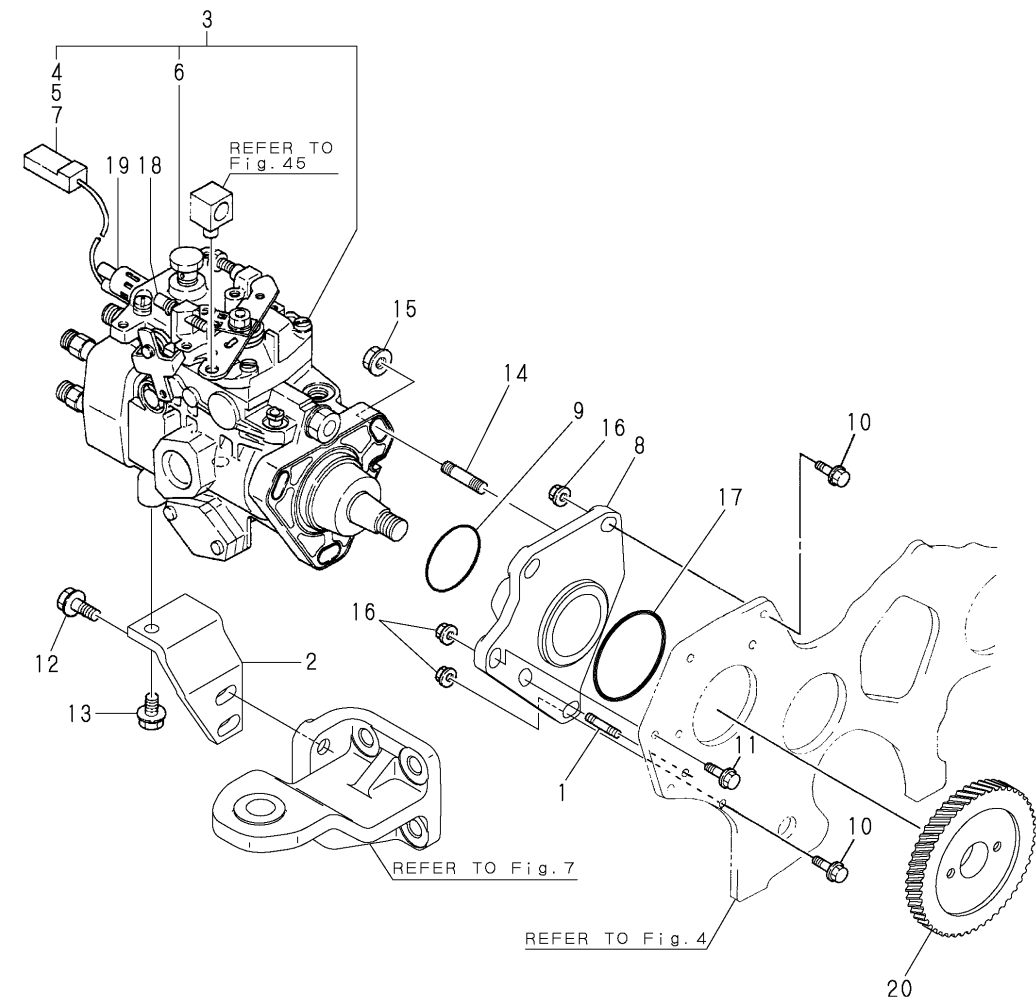


Remarks
(1)GOVERNOR ASSY(FIG.37) AND FUEL
FEED PUMP ASSY(FIG.38) IS
INCORPORATED IN THIS FOEL
INJECTION PUMP ASSY(REF.NO.1)
(2)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.62-1.

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
54	2	129555-51760	GASKET	1	1	1					
I 54-1	2	129555-51761	GASKET, SIDE COVER	1	1	1					N
(A=*2003.10) (B=*2003.10) (C=*2003.10)											
55	2	26716-060002	NUT 6	2	2	2					
56	2	129156-51910	LABEL, CAUTION	1	1	1					
57	2	22190-160002	SEAL WASHER 16S	1	1	1					
58	2	22217-050000	SPRING WASHER 5	2	2	2					
59	2	22217-060000	SPRING WASHER 6	2	2	2					
60	2	22351-050010	SPRING PIN 5X10	2	2	2					
61	2	24341-000160	O-RING 1A S-16.0	1	1	1					
62	2	26022-050102	SCREW M 5X 10	11	11						
62-1	2	26022-050122	SCREW M 5X 12	11	11	11					N
(A=E/#21367) (B=E/#21367)											
63	2	26022-060162	SCREW M 6X 16	4	4	4					
64	2	26116-050302	BOLT M 5X 30 PLATED	2	2	2					
65	2	129155-51790	LOCKING, RACK	1	1	1					
66	2	129158-52000	FUEL PUMP ASSY	1	1	1					

Fig.36. FUEL INJECTION PUMP(4JH3-TE)



36. FUEL INJECTION PUMP(4JH3-TE)

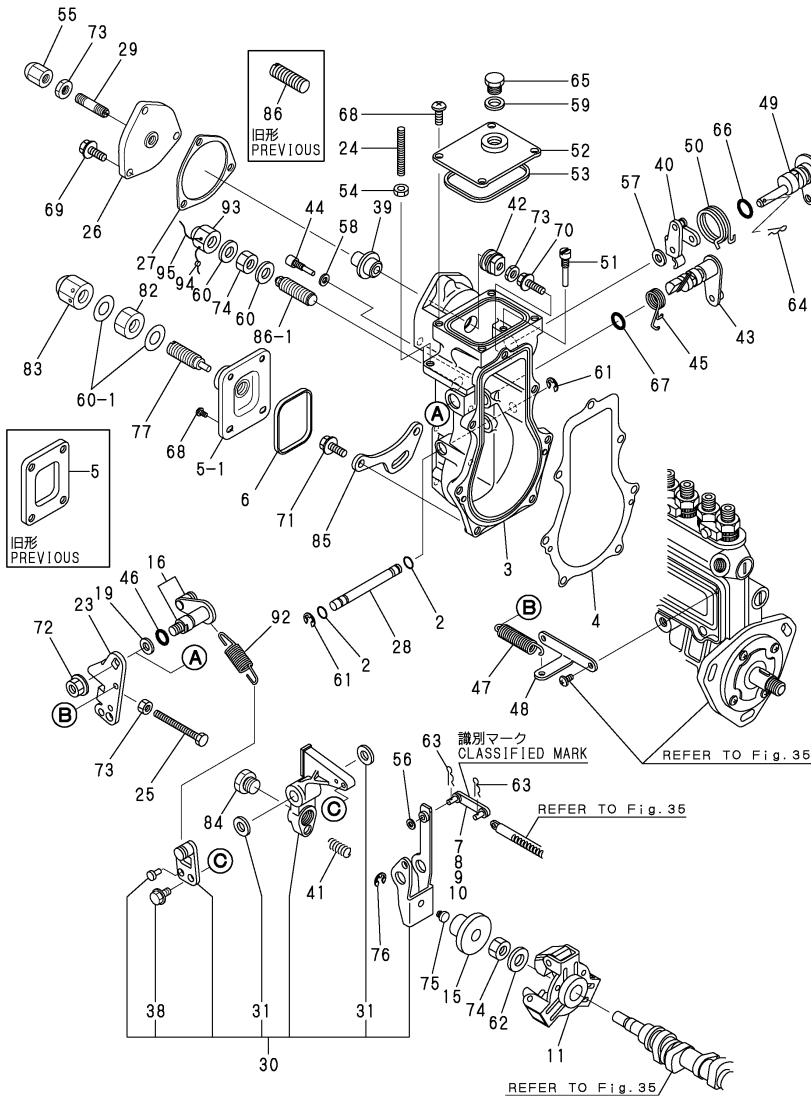
(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121450-01560	STUD M 8X 22				1	1			
2	1	129673-51250	RETAINER				1	1			
3	1	129671-51900	FUEL INJ. PUMP ASSY				1	1			
4	2	119171-67200	SOLENOID, FUEL CUT				1	1			
5	2	129693-67210	SPRING				1	1			
6	2	119171-59200	BOLT, PIPE JOINT				1	1			
7	2	X1466584820	WIRE				1	1			
8	1	129673-54030	BRACKET				1	1			
9	1	24341-000500	O-RING 1A S-50.0				1	1			
10	1	26106-080652	BOLT M 8X 65 PLATED				3	3			
11	1	26106-080752	BOLT M 8X 75 PLATED				1	1			
12	1	26106-100182	BOLT M10X 18 PLATED				1	1			
13	1	26106-100222	BOLT M10X 22 PLATED				2	2			
14	1	26216-080282	STUD M 8X 28 PLATED				3	3			
15	1	26306-080002	NUT				3	3			
16	1	26306-080002	NUT				5	5			
17	1	121850-51960	O-RING, F.I.PUMP				1	1			
I 18	1	129930-61950	CAP				1	1			W
(D=E/#10223)											
I 19	1	129930-61960	CAP				1	1			W
(D=E/#10223)											
20	1	129691-25900	GEAR, F.I. PUMP				1	1			

Fig.37. GOVERNOR

P/C NEWS No:Y00R4671-1
PUBLISHED:2004/5



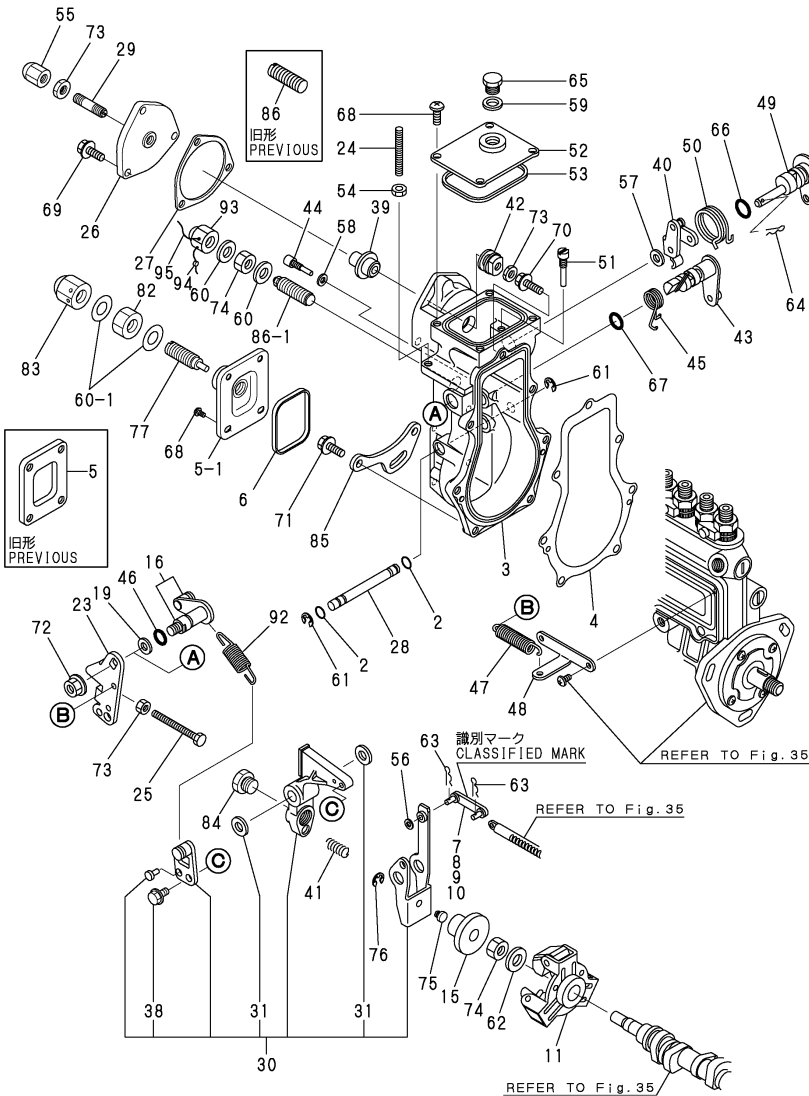
Remarks
(1)SELECTIVE PART: CERTAIN THE CLASSIFICATION MARK WHEN PLACE YOUR ORDER.(REFER TO THE ILLUSTRATION)
(2)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.5-1,60-1, 77,82,83,84.

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	129155-51280	O-RING S6	2	2	2					
3	2	129595-61012	HOUSING,GOVERNOR	1	1	1					
4	2	129595-61050	GASKET	1	1	1					
5	2	129155-61060	COVER, GOVERNOR CASE	1	1	1					
I 5-1	2	129690-61060	COVER,GOVERNOR CASE	1	1	1				F	2
(A=*2004.04) (B=*2004.04) (C=*2004.04)											
6	2	129155-61070	GASKET, CASE COVER	1	1	1					
I 6-1	2	129155-61071	GASKET, CASE COVER	1	1	1					N
(A=*2003.10) (B=*2003.10) (C=*2003.10)											
7	2	129155-61120	LINK L=30(MARK 0	1	1	1					1
8	2	129155-61130	LINK L=31(MARK 1	1	1	1					1
9	2	129155-61140	LINK L=30.5(MARK 05)	1	1	1					1
10	2	129155-61180	LINK L=29(MARK 9	1	1	1					1
11	2	129595-61200	WEIGHT ASSY, GOV.	1	1						
11-1	2	129595-61201	WEIGHT ASSY	1	1	1					R
(A=E/#21367) (B=E/#21367)											
15	2	129155-61341	SLEEVE(L=25.5)	1	1	1					
16	2	129100-61400	SHAFT ASSY, CONTROL	1	1	1					
19	2	129155-61430	SPACER, SHAFT	1	1	1					
23	2	129499-61440	THROTTLE LEVER	1	1	1					
24	2	129155-61450	BOLT, REVOL. LIMIT	1	1	1					
25	2	129155-61460	BOLT, IDLE LIMIT	1	1	1					
26	2	129497-61470	COVER	1	1	1					
27	2	129497-61480	PACKING	1	1	1					
28	2	129155-61490	SHAFT, GOV. LEVER	1	1	1					
29	2	129497-61490	ROD	1	1	1					
30	2	129131-61500	LEVER ASSY, COVERNOR	1	1	1					
31	3	174307-51700	SHIM SET	2	2	2					
38	3	26106-060102	BOLT 6X 10 PLATED	1	1	1					
39	2	129595-61610	BUSH	1	1	1					
40	2	129595-61631	LEVER	1	1	1					
41	2	129470-61650	SPRING, FUEL CONTROL	1	1	1					
42	2	129595-61660	RING	1	1	1					
43	2	129595-61802	LEVER, STOP	1	1	1					
44	2	129155-61810	PIN, STOP LEVER	1	1	1					
45	2	129595-61821	SPRING	1	1	1					
46	2	129155-61830	O-RING S10	1	1	1					
47	2	129499-61870	SPRING, RETURN	1	1	1					
48	2	129499-61890	RETAINER	1	1	1					
49	2	129595-61901	LEVER	1	1	1					
50	2	129595-61911	SPRING	1	1	1					
51	2	129595-61931	PIN	1	1	1					
52	2	129595-61951	COVER	1	1	1					
53	2	129595-61961	GASKET	1	1	1					
I 53-1	2	129595-61962	GASKET, UPPER COVER	1	1	1					N
(A=*2003.10) (B=*2003.10) (C=*2003.10)											
54	2	124550-66370	LOCK NUT M 6	1	1	1					
55	2	119600-66840	NUT, CAP	1	1	1					
56	2	22117-040000	WASHER 4	1	1	1					
57	2	22117-060000	WASHER 6	1	1	1					
58	2	22190-060002	SEAL WASHER 6S	4	4	4					

Fig.37. GOVERNOR

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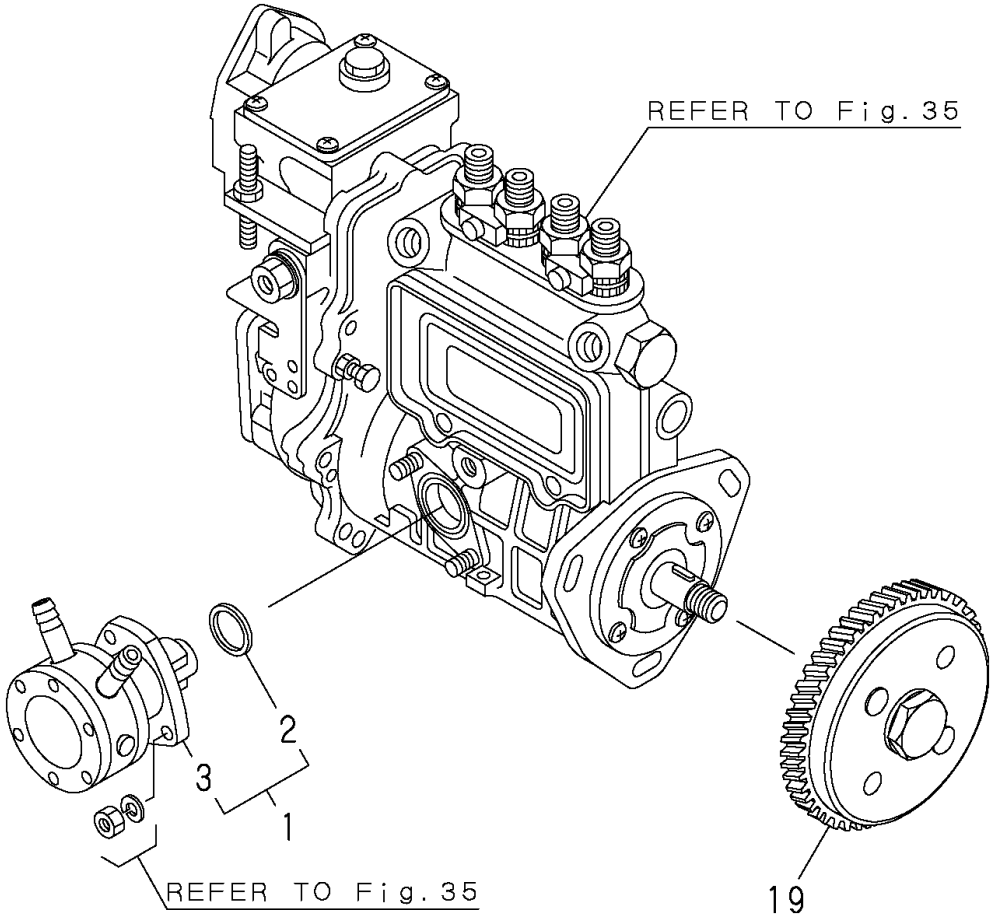


Remarks
(1)SELECTIVE PART: CERTAIN THE CLAS
-SIFICATION MARK WHEN PLACE YOUR
ORDER.(REFER TO THE ILLUSTRATION)
(2)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.5-1,60-1,
77,82,83,84.

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
59	2	22190-100002	SEAL WASHER 10S	1	1	1					
60	2	22190-120002	SEAL WASHER 12	2	2	2					
I 60-1	2	22190-120002	SEAL WASHER 12	4	4	4					K
		(A=*2004.04) (B=*2004.04) (C=*2004.04)									
61	2	22272-000060	CIRCLIP E- 6	2	2	2					
62	2	22287-120000	WASHER 12	1	1	1					
63	2	22372-040000	SNAP PIN 4	2	2	2					
64	2	22372-060000	SNAP PIN 6	1	1	1					
65	2	23887-100002	PLUG 10	1	1	1					
66	2	24311-000110	O-RING 1A P-11.0	1	1	1					
67	2	24311-240100	O-RING 1A P-10A	1	1	1					
68	2	26022-050102	SCREW M 5X 10	8	8	8					
69	2	26106-060102	BOLT 6X 10 PLATED	3	3	3					
70	2	26106-060182	BOLT M 6X 18 PLATED	1	1	1					
71	2	26106-060202	BOLT M 6X 20 PLATED	6	6	6					
72	2	26366-080002	NUT M 8	1	1	1					
73	2	26756-060002	LOCK NUT 6	3	3	3					
74	2	26776-120002	LOCK NUT M12 PLATED	2	2	2					
75	2	129155-61540	SHIFTER	1	1	1					
I 76	2	22272-000040	CIRCLIP E- 4	1	1	1					
I 77	2	127692-61550	IDLE SUB.	1	1	1					W 2
		(A=*2004.04) (B=*2004.04) (C=*2004.04)									
I 82	2	26777-120002	NUT 12	1	1	1					W 2
		(A=*2004.04) (B=*2004.04) (C=*2004.04)									
I 83	2	129100-61930	NUT, CAP	1	1	1					W 2
		(A=*2004.04) (B=*2004.04) (C=*2004.04)									
I 84	2	129470-61590	PLUG	1	1	1					W 2
		(A=*2004.04) (B=*2004.04) (C=*2004.04)									
85	1	129595-61080	SUPPORT	1	1	1					
86	1	129155-61470	BOLT, FUEL CONTROL	1	1						
86-1	1	129497-61450	TORQUE SPRING ASSY.	1	1	1					S
		(A=E/#20550) (B=E/#20550)									
92	1	129100-61730	SPRING	1	1	1					
93	1	129100-61930	NUT, CAP	1	1	1					
94	1	135210-61090	LEAD	1	1	1					
95	1	22453-060000	WIRE 0.6X1000	1	1	1					
95-1	1	120325-61100	WIRE 1.0	1	1	1					N
		(A=E/#25748) (B=E/#25748) (C=E/#25748)									

Fig.38. FUEL FEED PUMP & TIMER

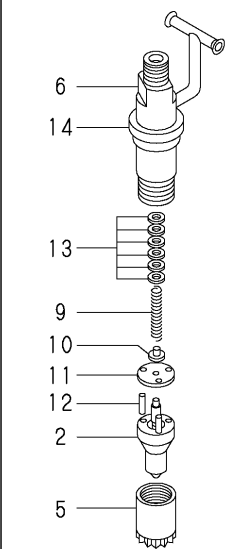


OCR10-G46701 38. FUEL FEED PUMP & TIMER

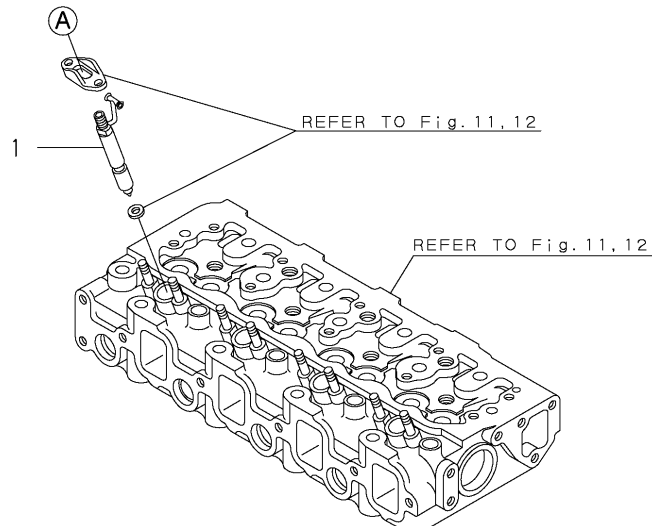
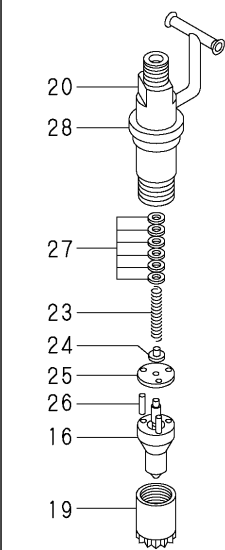
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129158-52000	FUEL PUMP ASSY	1	1	1					
2	2	129155-52050	GASKET	1	1	1					
3	2	129158-52100	FEED PUMP ASSY	1	1	1					
19	1	729499-54100	TIMER ASSY.	1	1	1					

Fig.39. FUEL INJECTION VALVE

4JH3E/CE/CE1



4JH3-TE/TCE

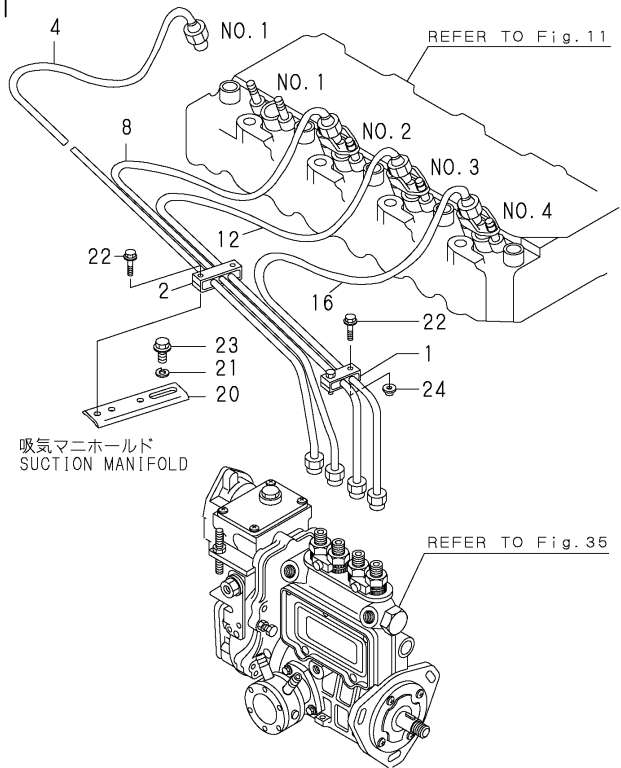


(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

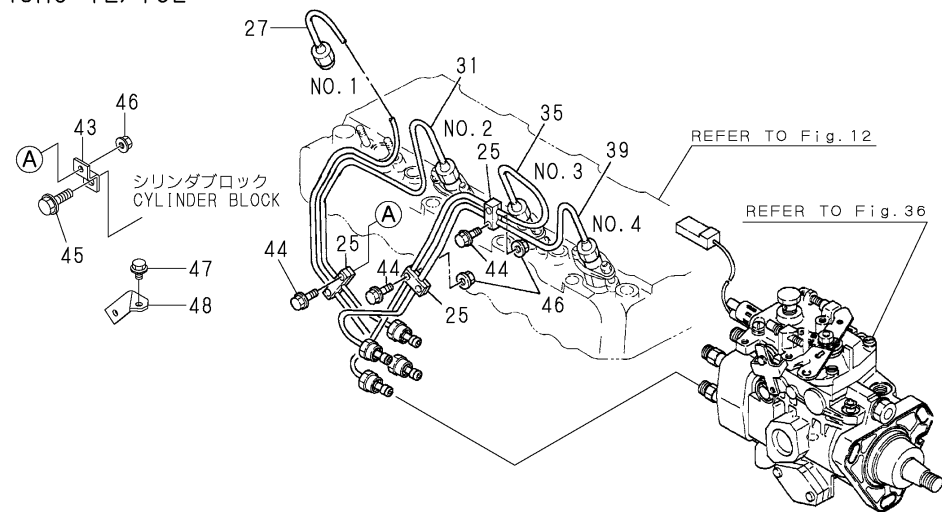
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729670-53100	VALVE ASSY,F.I.INJEC	4	4	4					
2	2	129468-53000	NOZZL ASSY,F.INJECT	4	4	4					
5	2	114250-53080	NUT, NOZZLE CASE	4	4	4					
6	2	129100-53100	HOLDER ASSY, NOZZLE	4	4	4					
9	2	114250-53120	SPRING, NOZZLE	4	4	4					
10	2	114250-53130	SEAT, NOZZLE SPRING	4	4	4					
11	2	114250-53140	PLATE, STOP	4	4	4					
12	2	114250-53210	PIN	8	8	8					
13	2	114250-53400	SHIM PACK	4	4	4					
14	2	129470-11920	GASKET	4	4	4					
15	1	729671-53100	VALVE ASSY. F.INJECT				4				
I 15-1	1	729671-53101	ALVE ASSY. F.INJECT				4	4		N	
(D=E/#10799)											
16	2	129671-53000	NOZZLE CMP				4				
I 16-1	2	129671-53001	NOZZLE CMP				4	4		N	
(D=E/#10799)											
19	2	114250-53080	NUT, NOZZLE CASE				4	4			
20	2	129100-53100	HOLDER ASSY, NOZZLE				4	4			
23	2	114250-53120	SPRING, NOZZLE				4	4			
24	2	114250-53130	SEAT, NOZZLE SPRING				4	4			
25	2	114250-53140	PLATE, STOP				4	4			
26	2	114250-53210	PIN				8	8			
27	2	114250-53400	SHIM PACK				4	4			
28	2	129470-11920	GASKET				4	4			

Fig.40. FUEL INJECTION PIPE

4JH3E/CE/CE1



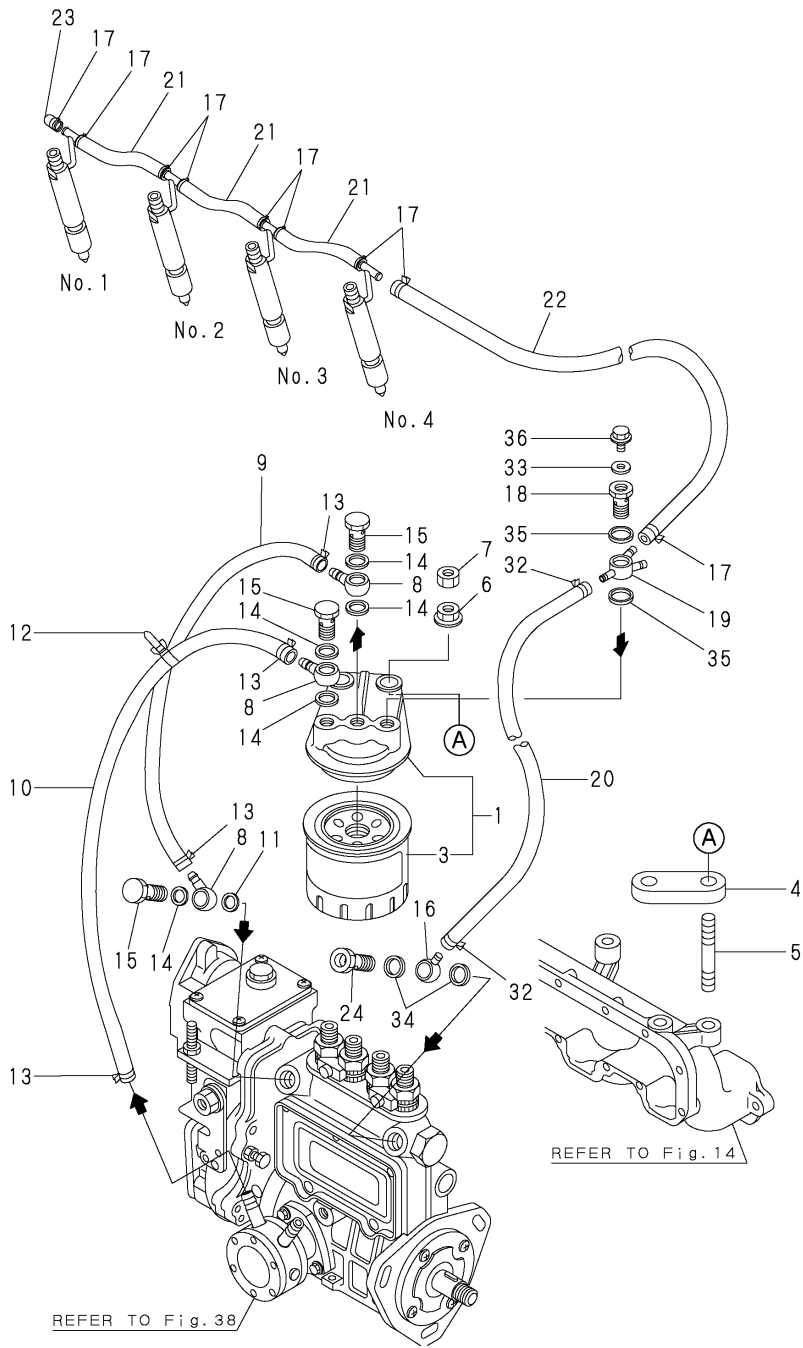
4JH3-TE/TCE



(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

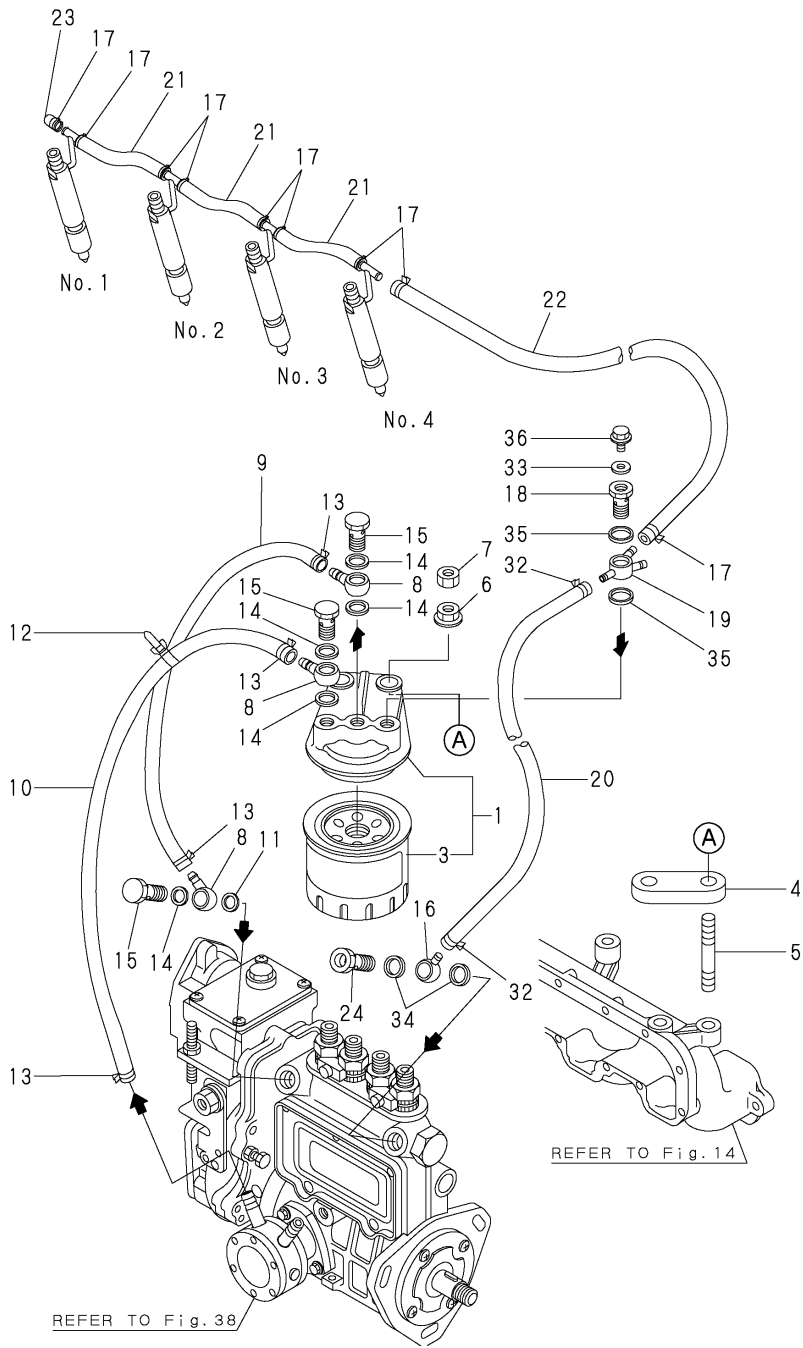
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	122780-59100	RETAINER	2	2	2					
2	1	123372-59100	CLAMP	2	2	2					
4	1	129499-59812	PIPE,FUEL INJECTION	1	1	1					
8	1	129499-59822	PIPE,FUEL INJECTION	1	1	1					
12	1	129499-59832	PIPE,FUEL INJECTION	1	1	1					
16	1	129499-59842	PIPE,FUEL INJECTION	1	1	1					
20	1	121870-59930	STAY	1	1	1					
21	1	22217-080000	SPRING WASHER 8	1	1	1					
22	1	26106-060202	BOLT M 6X 20 PLATED	4	4	4					
23	1	26106-080202	BOLT M 8X 20 PLATED	1	1	1					
24	1	26366-060002	NUT M 6	2	2	2					
25	1	122780-59100	RETAINER				6				
I 25-1	1	122780-59100	RETAINER				4	4		K	
			(D=E/#10223)								
27	1	129693-59810	PIPE, FUEL INJECTION				1				
I 27-1	1	129693-59811	PIPE, FUEL INJECTION				1	1		N	
			(D=E/#10399)								
31	1	129693-59820	PIPE, FUEL INJECTION				1				
I 31-1	1	129693-59821	PIPE, FUEL INJECTION				1	1		N	
			(D=E/#10399)								
35	1	129693-59830	PIPE, FUEL INJECTION				1	1			
39	1	129693-59840	PIPE, FUEL INJECTION				1	1			
43	1	129574-59950	SUPPORT				1	1			
44	1	26106-060202	BOLT M 6X 20 PLATED				6				
I 44-1	1	26106-060202	BOLT M 6X 20 PLATED				4	4		K	
			(D=E/#10223)								
45	1	26106-080122	BOLT M 8X 12 PLATED				1	1			
46	1	26366-060002	NUT M 6				5				
I 46-1	1	26366-060002	NUT M 6				4			K	
			(D=E/#10223)								
I 46-2	1	26366-060002	NUT M 6				6	6		K	
			(D=E/#10223)								
I 47	1	26106-060102	BOLT 6X 10 PLATED				1	1		W	
			(D=E/#10017)								
I 48	1	129673-59950	CLAMP(F.I.LINE				1	1		W	
			(D=E/#10017)								

Fig.41. FUEL PIPE(4JH3E)



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-55601	STRAINER ASSY, FUEL	1	1	1					
3	2	129470-55701	STRAINER ASSY, FUEL	1	1	1					
4	1	119173-55700	RUBBER	1	1	1					
5	1	26216-100452	STUD M10X 45 PLATED	2	2	2					
6	1	26306-100002	NUT	2	2	2					
7	1	26716-100002	NUT 10	2	2	2					
8	1	101304-59020	JOINT 12, PIPE	3	3	3					
9	1	129470-59120	PIPE, FUEL	1	1						
I 9-1	1	129470-59121	PIPE,FUEL	1	1						N
(A=E/#21010) (B=E/#21010)											
I 9-2	1	129470-59122	PIPE, FUEL OIL	1	1	1					R
(A=E/#21367) (B=E/#21367)											
10	1	129470-59120	PIPE, FUEL	1	1						
I 10-1	1	129570-59120	PIPE,FUEL	1	1						N
(A=E/#21010) (B=E/#21010)											
I 10-2	1	129570-59121	PIPE, FUEL OIL	1	1	1					R
(A=E/#21367) (B=E/#21367)											
11	1	104200-59170	GASKET 12	1	1	1					
12	1	121750-59890	CLAMP 140	1	1	1					
13	1	23080-013000	CLAMP 13,HOSE	4	4						
I 13-1	1	23000-019000	CLAMP 19	4	4						N
(A=E/#21010) (B=E/#21010)											
I 13-2	1	23000-016000	CLAMP 16	4	4	4					N
(A=E/#21367) (B=E/#21367)											
14	1	23414-120000	GASKET 12, ROUND	5	5						
I 14-1	1	22190-120002	SEAL WASHER 12	5	5	5					N
(A=E/#22733) (B=E/#22733) (C=E/#22733)											
15	1	23857-060000	JOINT BOLT 6,PIPE	3	3	3					
16	1	101304-59020	JOINT 12, PIPE	1	1	1					
17	1	124066-59100	CLAMP 8	7	7						
I 17-1	1	23000-016000	CLAMP 16	7	7						N
(A=E/#21010) (B=E/#21010)											
I 17-2	1	23000-013000	CLAMP 13	7	7	7					N
(A=E/#21367) (B=E/#21367)											
18	1	129495-59300	BOLT, PIPE JOINT	1	1	1					
19	1	129470-59530	JOINT,FUEL RETN.PIPE	1	1	1					
20	1	129470-59540	PIPE, FUEL OIL	1	1						
I 20-1	1	129470-59541	PIPE,FUEL	1	1						N
(A=E/#21010) (B=E/#21010)											
I 20-2	1	129470-59542	PIPE, FUEL OIL	1	1	1					R
(A=E/#21367) (B=E/#21367)											
21	1	119000-59550	PIPE, FUEL RETURN	3	3						
I 21-1	1	129495-59552	PIPE,FUEL	3	3						N
(A=E/#21010) (B=E/#21010)											
I 21-2	1	129495-59553	PIPE, FUEL OIL	3	3						R
(A=E/#21367) (B=E/#21367)											
I 21-3	1	129270-59550	PIPE,FUEL OIL	3	3	3					R
(A=E/#21459) (B=E/#21459)											
22	1	129470-59560	PIPE, FUEL RETURN	1	1						
I 22-1	1	129470-59561	PIPE,FUEL	1	1						N
(A=E/#21010) (B=E/#21010)											

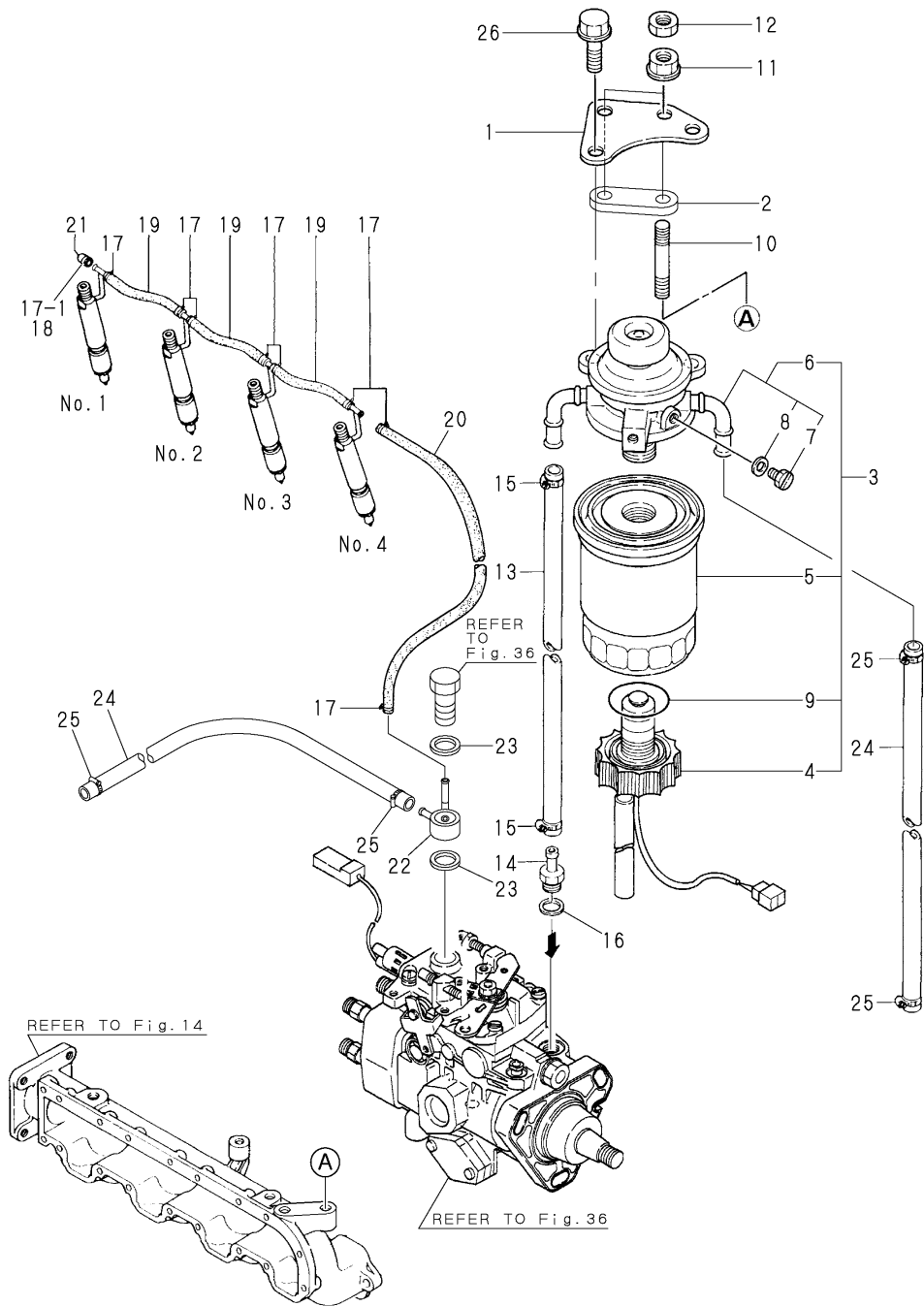
Fig.41. FUEL PIPE(4JH3E)



OCR10-G46701 41. FUEL PIPE(4JH3E)

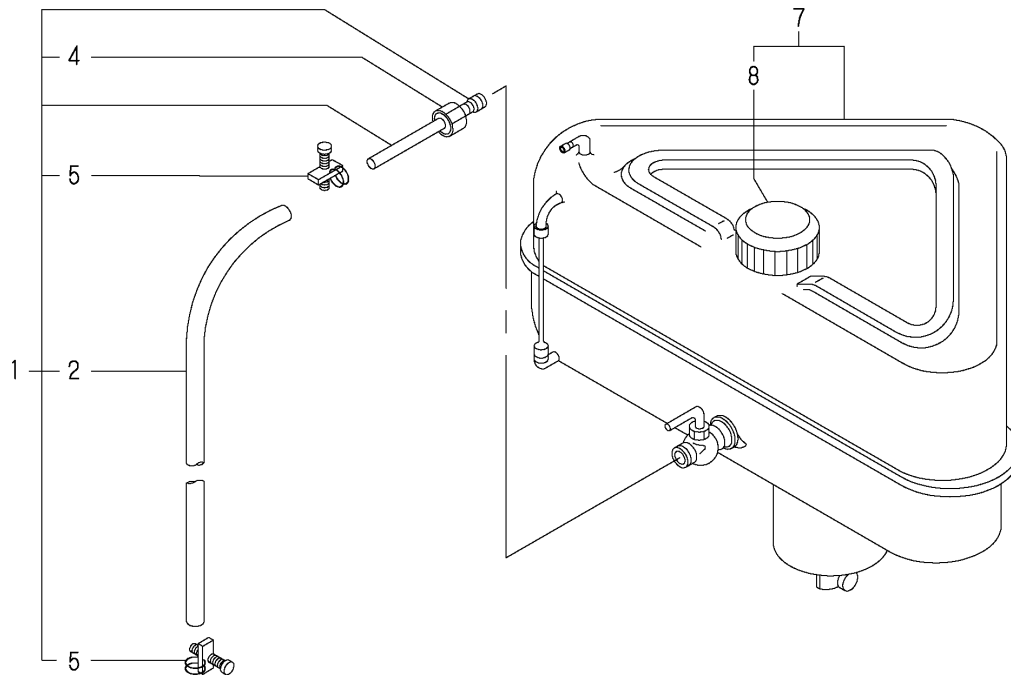
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	22-2	1 129470-59562	PIPE, FUEL OIL	1	1	1					R
		(A=E/#21367) (B=E/#21367)									
	23	1 129150-59580	CAP	1	1						
I	23-1	1 119593-59580	CAP	1	1						N
		(A=E/#21010) (B=E/#21010)									
I	23-2	1 129270-59580	CAP	1	1	1					N
		(A=E/#21367) (B=E/#21367)									
	24	1 129100-59951	VALVE ASSY, CHECK	1	1	1					
	32	1 23080-013000	CLAMP 13,HOSE	2	2						
I	32-1	1 23000-019000	CLAMP 19	2	2						N
		(A=E/#21010) (B=E/#21010)									
I	32-2	1 23000-016000	CLAMP 16	2	2	2					N
		(A=E/#21367) (B=E/#21367)									
	33	1 23414-080000	GASKET 8, ROUND	1	1	1					
I	33-1	1 22190-080002	SEAL WASHER 8S	1	1	1					N
		(A=E/#22733) (B=E/#22733) (C=E/#22733)									
	34	1 23414-120000	GASKET 12, ROUND	2	2	2					
I	34-1	1 22190-120002	SEAL WASHER 12	2	2	2					N
		(A=E/#22733) (B=E/#22733) (C=E/#22733)									
	35	1 23414-140000	GASKET 14, ROUND	2	2	2					
I	35-1	1 22190-140002	SEAL WASHER 14S	2	2	2					N
		(A=E/#22733) (B=E/#22733) (C=E/#22733)									
	36	1 26106-080102	BOLT M 8X 10 PLATED	1	1	1					

Fig.42. FUEL PIPE(4JH3-TE)



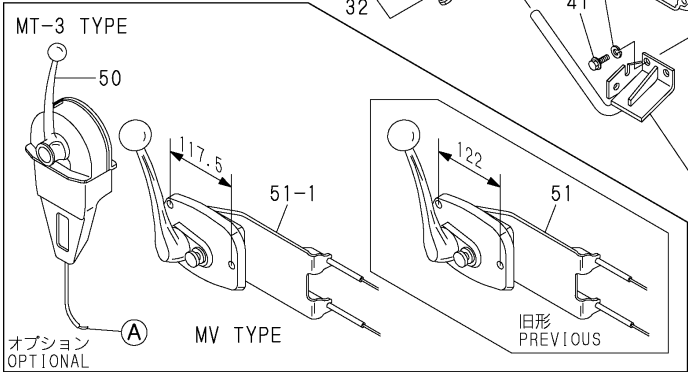
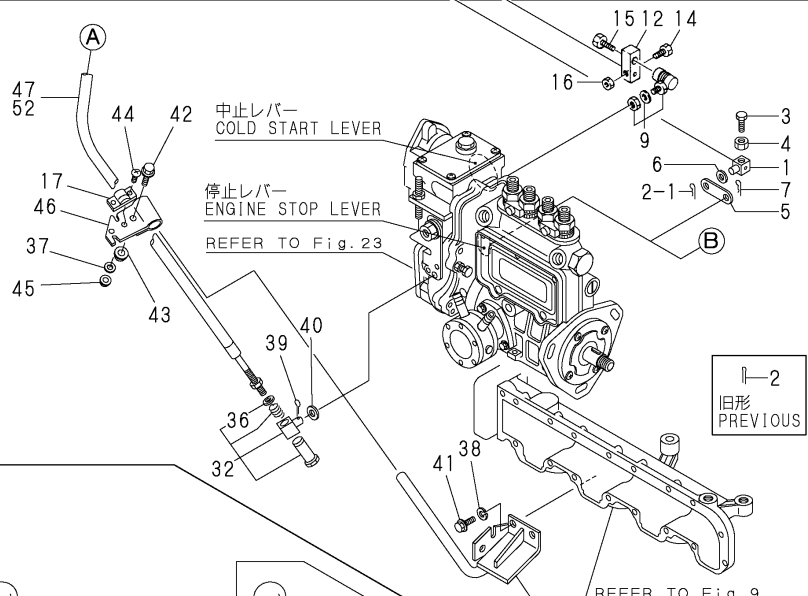
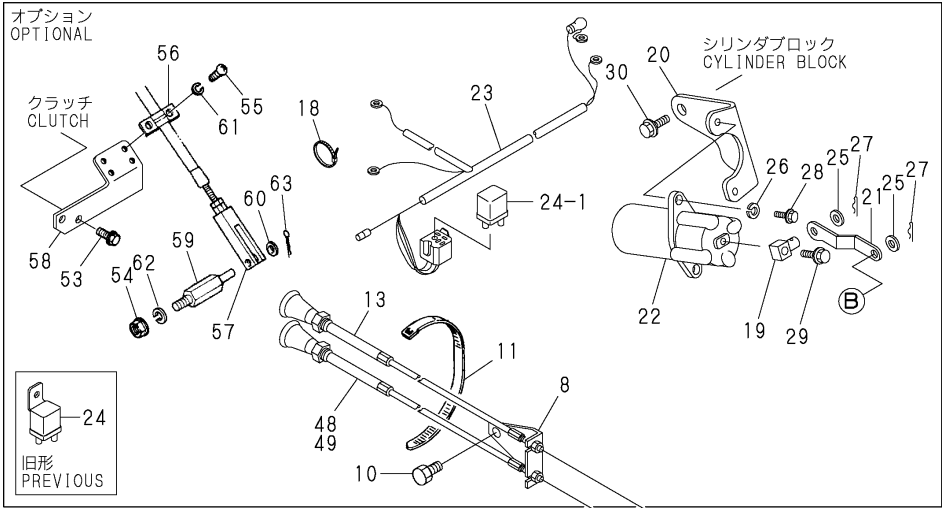
OCR10-G46701 42. FUEL PIPE(4JH3-TE)

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	119173-55700	RUBBER				1	1			
3	1	129574-55800	STRAINER ASSY, FUEL				1	1			
4	2	129574-55730	SENSOR				1	1			
5	2	129574-55710	STRAINER				1				
I 5-1	2	129574-55711	CARTRIDGE				1	1		N	
(D=E/#11148)											
6	2	129574-55700	BODY ASSY, VALVE				1	1			
7	3	121857-55750	PLUG				1	1			
8	3	121857-55760	WASHER				1	1			
9	2	129574-55780	O-RING				1	1		W	
(D=FROM 1ST)											
10	1	26216-100352	STUD M10X 35 PLATED				2	2			
11	1	26306-100002	NUT				2	2			
12	1	26716-100002	NUT 10				2	2			
13	1	129470-59540	PIPE, FUEL OIL				1				
I 13-1	1	129673-59121	PIPE, FUEL OIL				1	1		N	
(D=E/#10216)											
14	1	119171-59910	JOINT, PIPE				1	1			
15	1	23080-013000	CLAMP 13,HOSE				2				
I 15-1	1	23000-016000	CLAMP 16				2	2		N	
(D=E/#10216)											
16	1	23414-120000	GASKET 12, ROUND				1				
I 16-1	1	22190-120002	SEAL WASHER 12				1	1		N	
(D=E/#10829)											
17	1	124722-59050	CLAMP 9				8				
I 17-1	1	23000-013000	CLAMP 13				9	9		N	
(D=E/#10216)											
I 18	1	119593-59590	CLIP				1			Z	
(D=E/#10216)											
19	1	129495-59551	PIPE				3				
I 19-1	1	129495-59553	PIPE, FUEL OIL				3			N	
(D=E/#10216)											
I 19-2	1	129270-59550	PIPE,FUEL OIL				3	3		R	
(D=E/#10223)											
20	1	129693-59560	PIPE, FUEL RETURN				1				
I 20-1	1	129693-59562	PIPE, FUEL OIL				1	1		N	
(D=E/#10216)											
21	1	119593-59580	CAP				1				
I 21-1	1	129270-59580	CAP				1	1		N	
(D=E/#10216)											
22	1	129574-59990	JOINT				1	1			
23	1	23414-120000	GASKET 12, ROUND				2				
I 23-1	1	22190-120002	SEAL WASHER 12				2	2		N	
(D=E/#10829)											
24	1	129795-59100	PIPE L4000				1	1			
25	1	23000-016000	CLAMP 16				4	4			
26	1	26106-080252	BOLT M 8X 25 PLATED				2	2			



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY					I	R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	124070-59060	PIPE, FUEL OIL	1	1	1	1	1		
2	2	124070-59130	PIPE, FUEL OIL	1	1	1	1	1		
4	2	138603-59380	CAP NUT	1	1	1	1	1		
5	2	23010-014000	CLAMP 14	2	2	2	2	2		
7	1	83213-003012	TANK (30L), FUEL	1	1	1	1	1		
8	2	105430-55041	CAP, FUEL TANK	1	1	1	1	1		

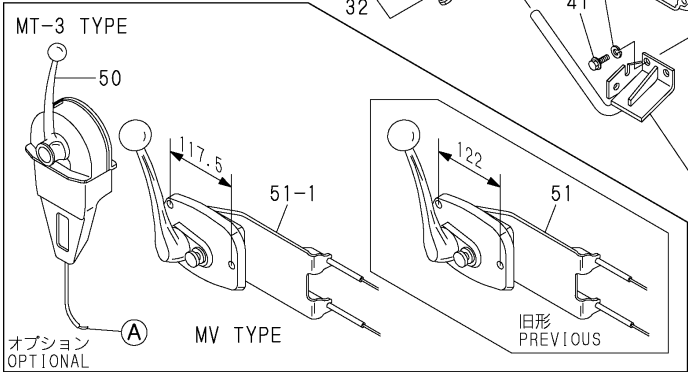
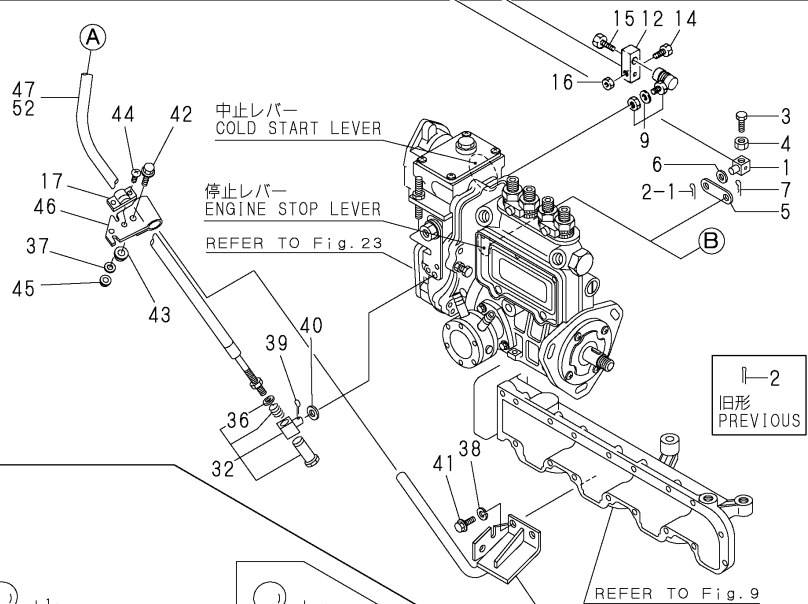
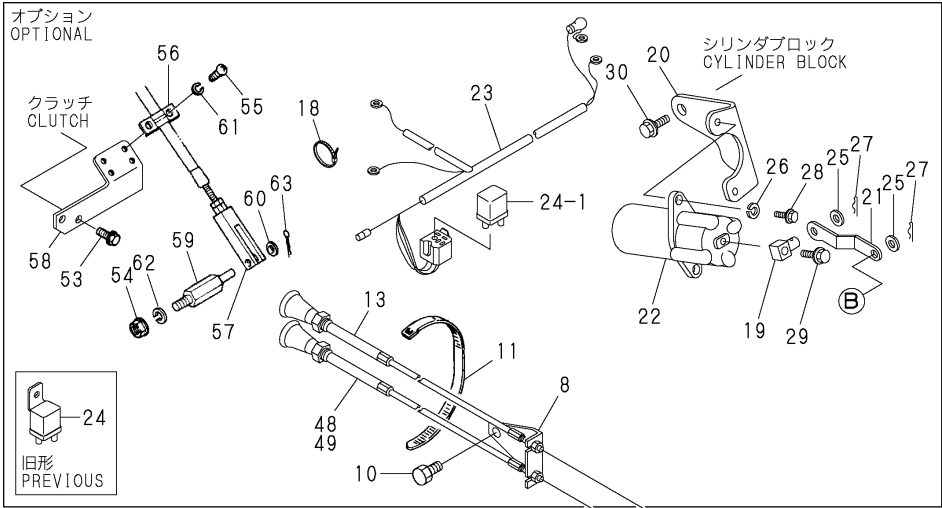
Fig.44. ENGINE STOP DEVIC(4JH3E)



(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129590-67310	CLAMP	1	1	1					
2	1	22414-250150	COTTER PIN 2.5X15	1	1						
I 2-1	1	22372-050000	SNAP PIN JASO 5	1	1	1					N
(A=E/#20620) (B=E/#20620)											
3	1	26116-050142	BOLT M 5X 14 PLATED	1	1	1					
4	1	26756-050002	LOCK NUT M 5 PLATED	1	1	1					
I 5	1	119867-66910	LINK	1	1	1					W
(A=E/#20620) (B=E/#20620)											
I 6	1	22137-060000	WASHER 6, POLISHED	1	1	1					W
(A=E/#20620) (B=E/#20620)											
I 7	1	22360-080000	SNAP PIN 8	1	1	1					W
(A=E/#20620) (B=E/#20620)											
I 8	1	129590-67140	BRACKET	1	1	1					W
(A=E/#20620) (B=E/#20620)											
I 9	1	41710-001300	JOINT	1	1	1					W
(A=E/#20258) (B=E/#20258)											
I 10	1	26106-080122	BOLT M 8X 12 PLATED	1	1	1					W
(A=E/#20620) (B=E/#20620)											
I 11	1	121750-59890	CLAMP 140	1	1	1					W
(A=E/#20258) (B=E/#20258)											
I 12	1	129595-67310	CLAMP	1	1	1					W
(A=E/#20258) (B=E/#20258)											
I 13	1	129590-67420	CABLE L=500	1	1	1					W
(A=E/#20258) (B=E/#20258)											
I 14	1	26116-050142	BOLT M 5X 14 PLATED	1	1	1					W
(A=E/#20258) (B=E/#20258)											
I 15	1	26116-050202	BOLT M5X20	1	1	1					W
(A=E/#20258) (B=E/#20258)											
I 16	1	26756-050002	LOCK NUT M 5 PLATED	1	1	1					W
(A=E/#20258) (B=E/#20258)											
17	1	41710-000410	CLAMP	1	1	1					
18	1	121750-59890	CLAMP 140	1	1	1					
19	1	171078-66551	PIN	1	1	1					
20	1	129470-67300	BRACKET	1	1						
I 20-1	1	129573-67300	BRACKET, SOLENOID	1	1	1					N
(A=E/#20258) (B=E/#20258)											
21	1	129470-67310	LINK	1	1	1					
22	1	129470-67320	ENGINE STOP SOLENOID	1	1	1					
23	1	129470-77971	HARNES	1	1	1					
24	1	124617-91850	RELAY	1	1	1					
I 24-1	1	119773-91850	RELAY	1	1	1					R
(A=E/#22643) (B=E/#22643) (C=E/#22643)											
25	1	22117-080000	WASHER 8	2	2	2					
26	1	22217-060000	SPRING WASHER 6	2	2	2					
27	1	22360-080000	SNAP PIN 8	2	2	2					
28	1	26106-060102	BOLT 6X 10 PLATED	2	2	2					
29	1	26106-060202	BOLT M 6X 20 PLATED	1	1	1					
30	1	26106-080122	BOLT M 8X 12 PLATED	2	2	2					
31	1	129590-67101	BRACKET	1	1	1					
32	1	129470-67200	RETAINER, JOINT	1	1	1					
36	2	22242-000100	CIRCLIP 10	1	1	1					

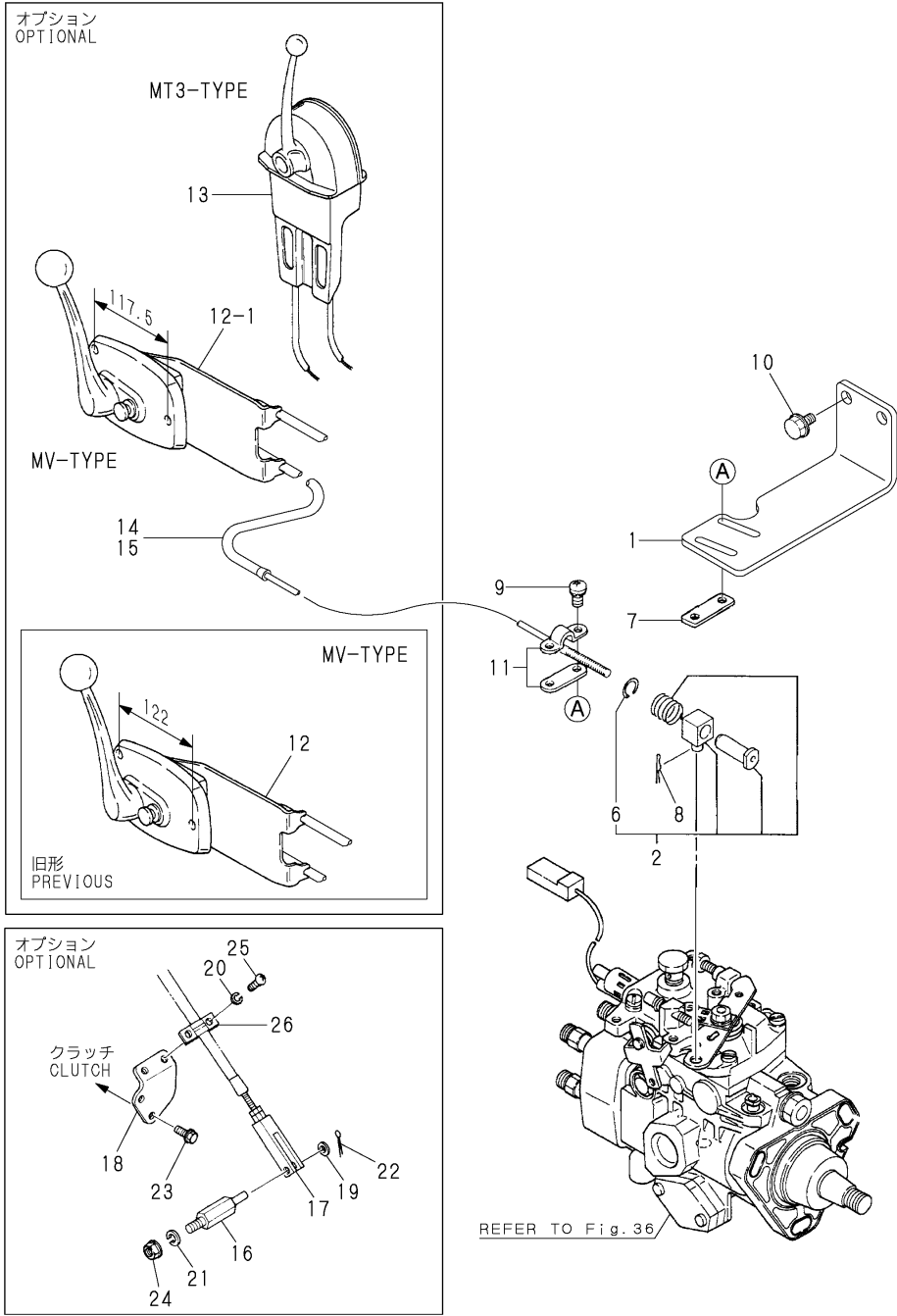
Fig.44. ENGINE STOP DEVIC(4JH3E)



(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
37	1	22217-050000	SPRING WASHER 5	2	2	2					
38	1	22217-080000	SPRING WASHER 8	2	2	2					
39	1	22414-250150	COTTER PIN 2.5X15	1	1	1					
40	1	23414-080000	GASKET 8, ROUND	1	1	1					
41	1	26106-080122	BOLT M 8X 12 PLATED	2	2	2					
42	1	26106-080252	BOLT M 8X 25 PLATED	1	1	1					
43	1	26366-080002	NUT M 8	1	1	1					
44	1	26557-050122	SCREW M 5X 12	2	2	2					
45	1	26716-050002	NUT M 5	2	2	2					
46	1	129590-67110	BRACKET,CABLE	1	1	1					
47	1	129470-86500	CABLE,REMO-CON.(7M)	2	2	2					
48	1	129470-67550	CABLE (L=4000), STOP	1	1	1					
49	1	129470-67560	CABLE L=7000	1	1	1					
50	1	41730-000681	MT-3 REMO-CON	1	1	1					
51	1	128170-86500	MOUNT	1	1	1					
I 51-1	1	128170-86501	REMOCON HEAD (MN	1	1	1					S
		(A=E/#25748) (B=E/#25748) (C=E/#25748)									
52	1	41710-000380	CABLE L=4000	2	2	2					
I 53	1	26106-060162	BOLT M 6X 16 PLATED	2	2	2					Z
		(A=E/#25682) (B=E/#25682) (C=E/#25682)									
I 54	1	26306-080002	NUT	1	1	1					Z
		(A=E/#25682) (B=E/#25682) (C=E/#25682)									
I 55	1	26557-050082	SCREW M 5X 8	2	2	2					Z
		(A=E/#25682) (B=E/#25682) (C=E/#25682)									
I 56	1	41710-000410	CLAMP	1	1	1					Z
		(A=E/#25682) (B=E/#25682) (C=E/#25682)									
I 57	1	129670-86250	JOINT	1	1	1					Z
		(A=E/#25682) (B=E/#25682) (C=E/#25682)									
I 58	1	129670-86310	BRACKET,CABLE	1	1	1					Z
		(A=E/#25682) (B=E/#25682) (C=E/#25682)									
I 59	1	128370-86280	CLEVIS 12SQ-48L	1	1	1					Z
		(A=E/#25682) (B=E/#25682) (C=E/#25682)									
I 60	1	22113-060000	WASHER 6	1	1	1					Z
		(A=E/#25682) (B=E/#25682) (C=E/#25682)									
I 61	1	22217-050000	SPRING WASHER 5	2	2	2					Z
		(A=E/#25682) (B=E/#25682) (C=E/#25682)									
I 62	1	22217-080000	SPRING WASHER 8	1	1	1					Z
		(A=E/#25682) (B=E/#25682) (C=E/#25682)									
I 63	1	22414-160100	COTTER PIN 1.6X10	1	1	1					Z
		(A=E/#25682) (B=E/#25682) (C=E/#25682)									

Fig.45. ENGINE STOP DEVIC(4JH3-TE)

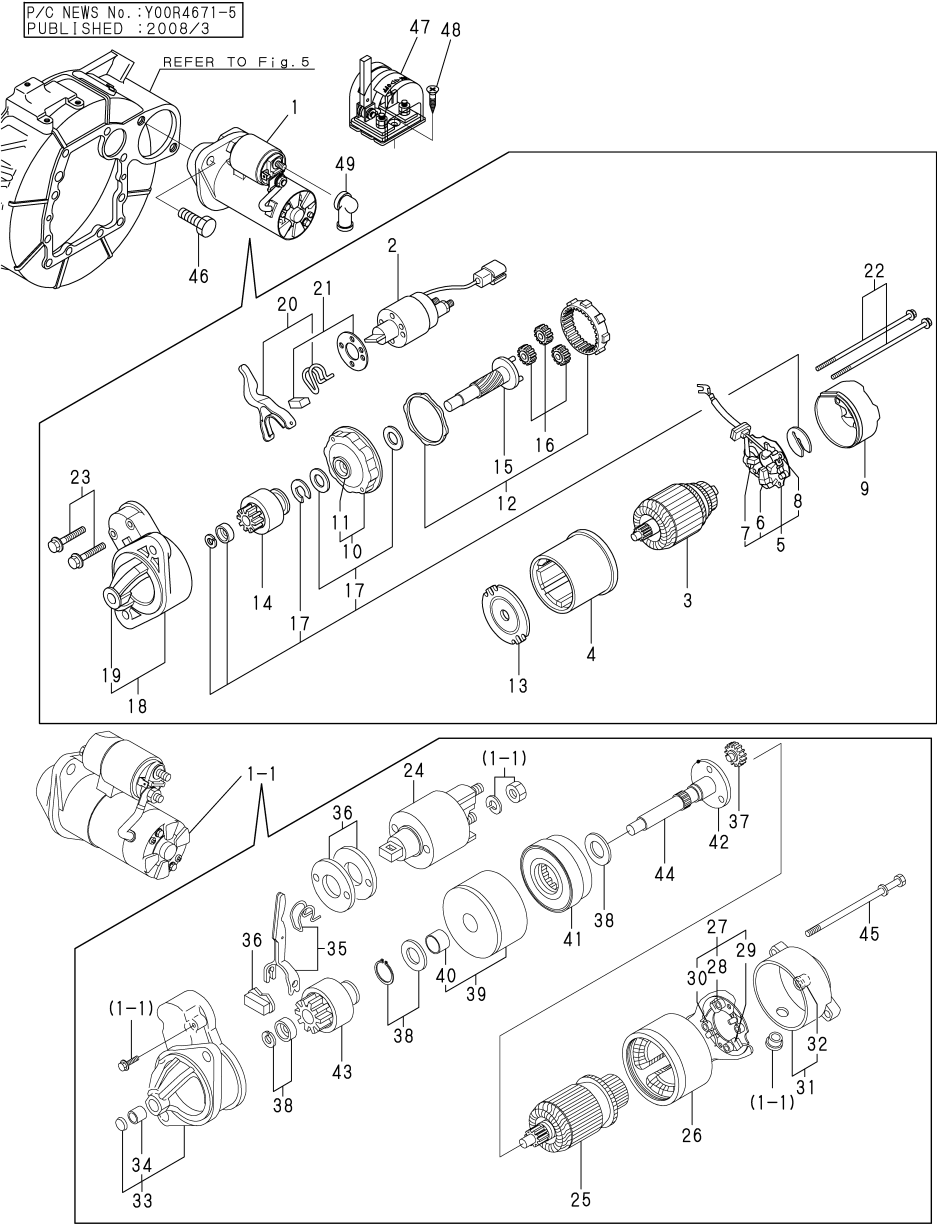


OCR10-G46701 45. ENGINE STOP DEVIC(4JH3-TE)

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

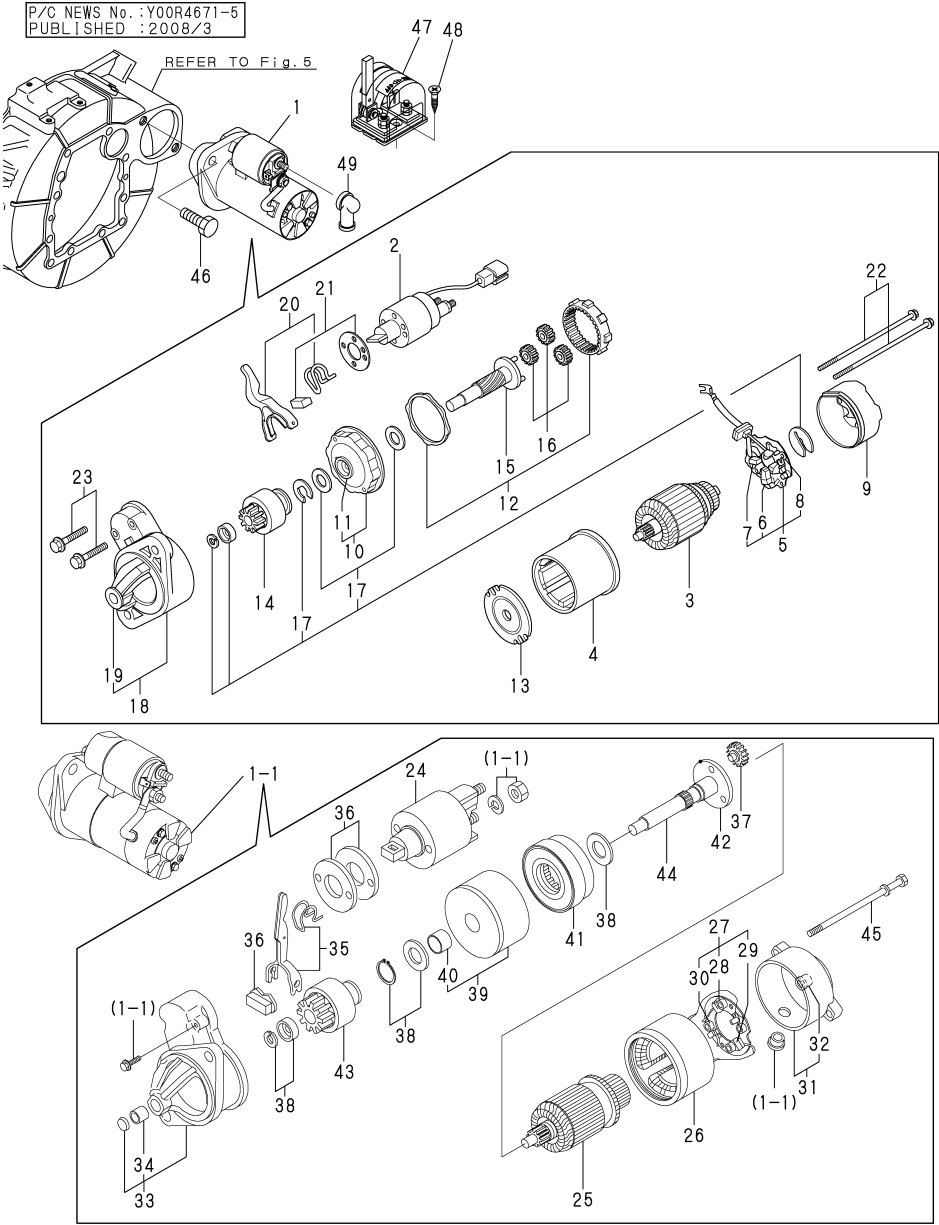
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129693-67101	BRACKET				1				
I 1-1	1	129693-67102	BRACKET				1	1		N	
(D=E/#10223)											
2	1	105311-67200	RETAINER, JOINT				1	1			
6	2	22242-000100	CIRCLIP 10				1	1			
7	1	121574-86320	RETAINER				1	1			
8	1	22414-250150	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	128170-86500	MOUNT				1	1			
I 12-1	1	128170-86501	REMOCON HEAD (MN				1	1		S	
(D=E/#12899) (E=E/#12899)											
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			
16	1	129470-86250	JOINT				1	1			
17	1	128370-86280	CLEVIS 12SQ-48L				1	1			
18	1	129470-86310	BRACKET				1	1			
19	1	22113-060000	WASHER 6				1	1			
20	1	22217-050000	SPRING WASHER 5				2	2			
21	1	22217-080000	SPRING WASHER 8				1	1			
22	1	22414-160100	COTTER PIN 1.6X10				1	1			
23	1	26106-060162	BOLT M 6X 16 PLATED				2	2			
24	1	26306-080002	NUT				1	1			
25	1	26557-050082	SCREW M 5X 8				2	2			
26	1	41710-000410	CLAMP				1	1			

Fig.46. STARTING MOTOR(4JH3E)



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129698-77010	STARTER	1	1	1					
I 1-1	1	129608-77010	STARTNG MOTOR	1	1	1				F	1
(A=*2007.01) (B=*2007.01) (C=*2007.01)											
2	2	124298-77020	SWITCH, MAGNET	1	1						
2-1	2	129698-77020	MAGNETIC SWITCH ASSY	1	1	1					R
(A=E/#21145) (B=E/#21145)											
3	2	129698-77100	ARMATURE ASSY	1	1	1					
3-1	2	129698-77101	ARMATURE ASSY	1	1	1					R
(A=E/#24255) (B=E/#24255) (C=E/#24255)											
4	2	129698-77110	COIL ASSY, FIELD	1	1	1					
5	2	129698-77120	HOLDER ASSY,BRUSH	1	1	1					
6	3	129698-77130	BRUSH (-)	2	2	2					
7	3	129698-77140	BRUSH(+) SET	1	1	1					
8	3	129698-77150	SPRING, BRUSH	4	4	4					
9	2	129698-77160	COVER ASSY, REAR	1	1	1					
9-1	2	129698-77161	COVER ASSY, REAR	1	1	1					R
(A=E/#23959) (B=E/#23959) (C=E/#23959)											
10	2	129698-77180	BRACKET	1	1	1					
11	3	129698-77190	BRACKET	1	1	1					
12	2	129698-77200	INTERNAL GEAR	1	1	1					
13	2	129698-77210	BRACKET	1	1	1					
14	2	129698-77220	PINION ASSY	1	1	1					
15	2	129698-77230	SHAFT(PINION	1	1	1					
16	2	129698-77240	GEAR	3	3	3					
17	2	129698-77250	WASHER SET	1	1	1					
18	2	129698-77260	HOUSING ASSY, GEARS	1	1	1					
19	3	X2114535200	METAL, STARTER	1	1	1					
20	2	129698-77270	LEVER, SHIFT	1	1	1					
21	2	129698-77280	COVER ASSY, DUST	1	1	1					
22	2	124195-77770	THROUGH BOLT	2	2	2					
23	2	114371-79070	BOLT M 6X 37	2	2	2					
24	2	129698-77020	MAGNETIC SWITCH ASSY	1	1	1					
25	2	129698-77101	ARMATURE ASSY	1	1	1					
26	2	129608-77110	YOKE ASSY	1	1	1					
27	2	129698-77120	HOLDER ASSY,BRUSH	1	1	1					
28	3	129698-77140	BRUSH(+) SET	1	1	1					
29	3	129698-77130	BRUSH (-)	2	2	2					
30	3	129698-77150	SPRING, BRUSH	4	4	4					
31	2	129698-77161	COVER ASSY, REAR	1	1	1					
32	3	129698-77170	REAR COVER METAL	1	1	1					
33	2	129698-77260	HOUSING ASSY, GEARS	1	1	1					
34	3	X2114535200	METAL, STARTER	1	1	1					
35	2	129698-77270	LEVER, SHIFT	1	1	1					
36	2	129698-77280	COVER ASSY, DUST	1	1	1					
37	2	129698-77240	GEAR	3	3	3					
38	2	129698-77250	WASHER SET	1	1	1					
39	2	129698-77180	BRACKET	1	1	1					
40	3	129698-77190	BRACKET	1	1	1					
41	2	129698-77200	INTERNAL GEAR	1	1	1					
42	2	129698-77210	BRACKET	1	1	1					
43	2	129698-77220	PINION ASSY	1	1	1					

Fig.46. STARTING MOTOR(4JH3E)



Remarks
(1) INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.1-1
FIG.54 REF.NO.14-1.

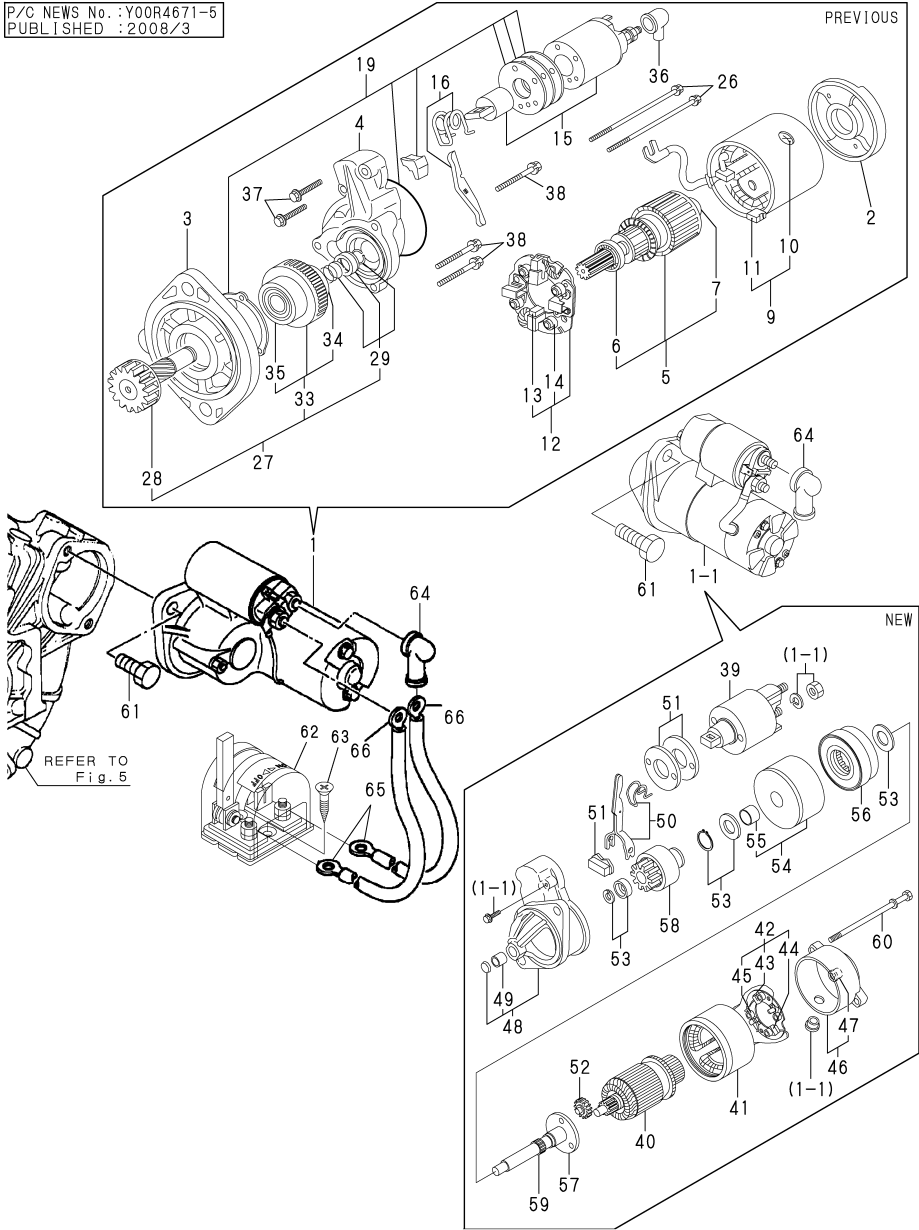
OCR10-G46701 46. STARTING MOTOR(4JH3E)

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
44	2	129698-77230	SHAFT(PINION	1	1	1					
45	2	124195-77770	THROUGH BOLT	2	2	2					
46	1	26116-120302	BOLT M12X 30 PLATED	2	2	2					
47	1	123310-77640	SWITCH, BATTERY	1	1	1					
48	1	22724-800380	SCREW 8X 38	2	2	2					
49	1	124550-77030	COVER, TERMINAL	1	1	1					

Fig.47. STARTING MOTOR(4JH3-TE)

P/C NEWS No. :Y00R4671-5
PUBLISHED : 2008/3



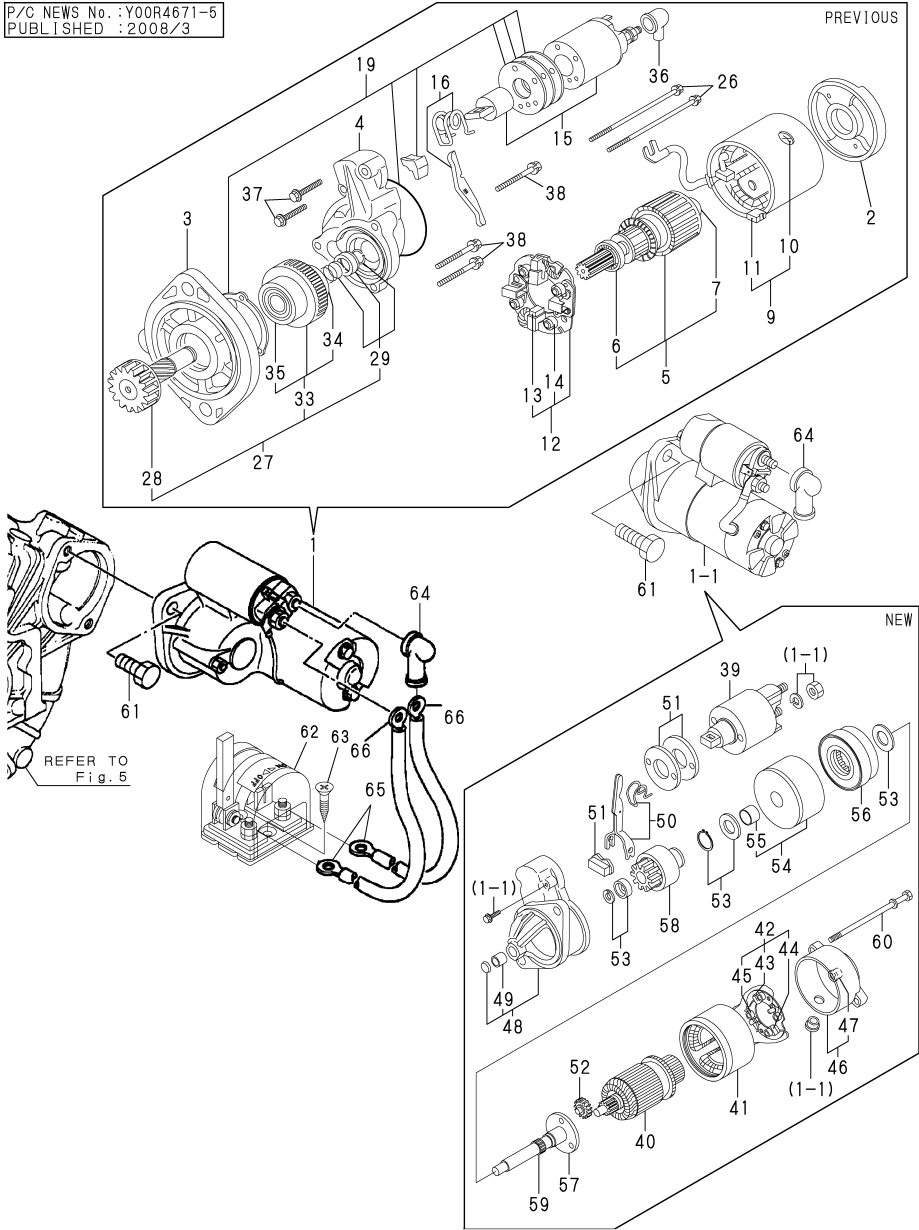
Remarks
(1) INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.1-1
FIG.54 REF.NO.14-1.

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171008-77010	STARTER				1	1			
I 1-1	1	129608-77010	STARTNG MOTOR				1	1		F	1
				(D=*2007.01)		(E=*2007.01)					
2	2	171008-77500	COVER, REAR				1	1			
3	2	171008-77510	HOUSING ASSY, GEAR				1	1			
4	2	171008-77520	HOUSING, CENTER				1	1			
5	2	171008-77400	ARMATURE ASSY				1	1			
6	3	X2114255110	BALL BEARING				1	1			
7	3	X2130350900	BALL BEARING				1	1			
9	2	171008-77440	COIL ASSY, FIELD				1	1			
10	3	171008-77450	SCREW, POLE CORE SET				4	4			
11	3	171008-77460	BRUSH (+)				2	2			
12	2	171008-77470	HOLDER ASSY, BRUSH				1	1			
13	3	171008-77480	BRUSH (-)				2	2			
14	3	171008-77490	SPRING, BRUSH				4	4			
15	2	171008-77531	MAGNETIC SWITCH ASSY				1	1			
16	2	171008-77540	LEVER SET, SHIFT				1	1			
19	2	171008-77571	DUST COVER,(NON-ASB.				1	1			
26	2	171008-77640	BOLT, THROUGH				2	2			
27	2	171008-77650	PINION ASSY				1	1			
28	3	171008-77660	SHAFT, PINION				1	1			
29	3	171008-77670	STOPPER SET, PINION				1	1			
33	3	X2114555500	CLUTCH ASSY				1	1			
34	4	X2114955020	BALL BEARING				1	1			
35	4	X2240410100	BALL BEARING				1	1			
36	2	171008-77750	COVER, M TERMINAL				1	1			
37	2	26106-060322	BOLT M 6X 32 PLATED				2	2			
38	2	26106-060402	BOLT M 6X 40 PLATED				3	3			
39	2	129698-77020	MAGNETIC SWITCH ASSY				1	1			
40	2	129698-77101	ARMATURE ASSY				1	1			
41	2	129608-77110	YOKE ASSY				1	1			
42	2	129698-77120	HOLDER ASSY,BRUSH				1	1			
43	3	129698-77140	BRUSH(+) SET				1	1			
44	3	129698-77130	BRUSH (-)				2	2			
45	3	129698-77150	SPRING, BRUSH				4	4			
46	2	129698-77161	COVER ASSY, REAR				1	1			
47	3	129698-77170	REAR COVER METAL				1	1			
48	2	129698-77260	HOUSING ASSY, GEARS				1	1			
49	3	X2114535200	METAL, STARTER				1	1			
50	2	129698-77270	LEVER, SHIFT				1	1			
51	2	129698-77280	COVER ASSY, DUST				1	1			
52	2	129698-77240	GEAR				3	3			
53	2	129698-77250	WASHER SET				1	1			
54	2	129698-77180	BRACKET				1	1			
55	3	129698-77190	BRACKET				1	1			
56	2	129698-77200	INTERNAL GEAR				1	1			
57	2	129698-77210	BRACKET				1	1			
58	2	129698-77220	PINION ASSY				1	1			
59	2	129698-77230	SHAFT(PINION				1	1			
60	2	124195-77770	THROUGH BOLT				2	2			
61	1	26116-120302	BOLT M12X 30 PLATED				2	2			

Fig.47. STARTING MOTOR(4JH3-TE)

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PUBLISHED : 2008/3



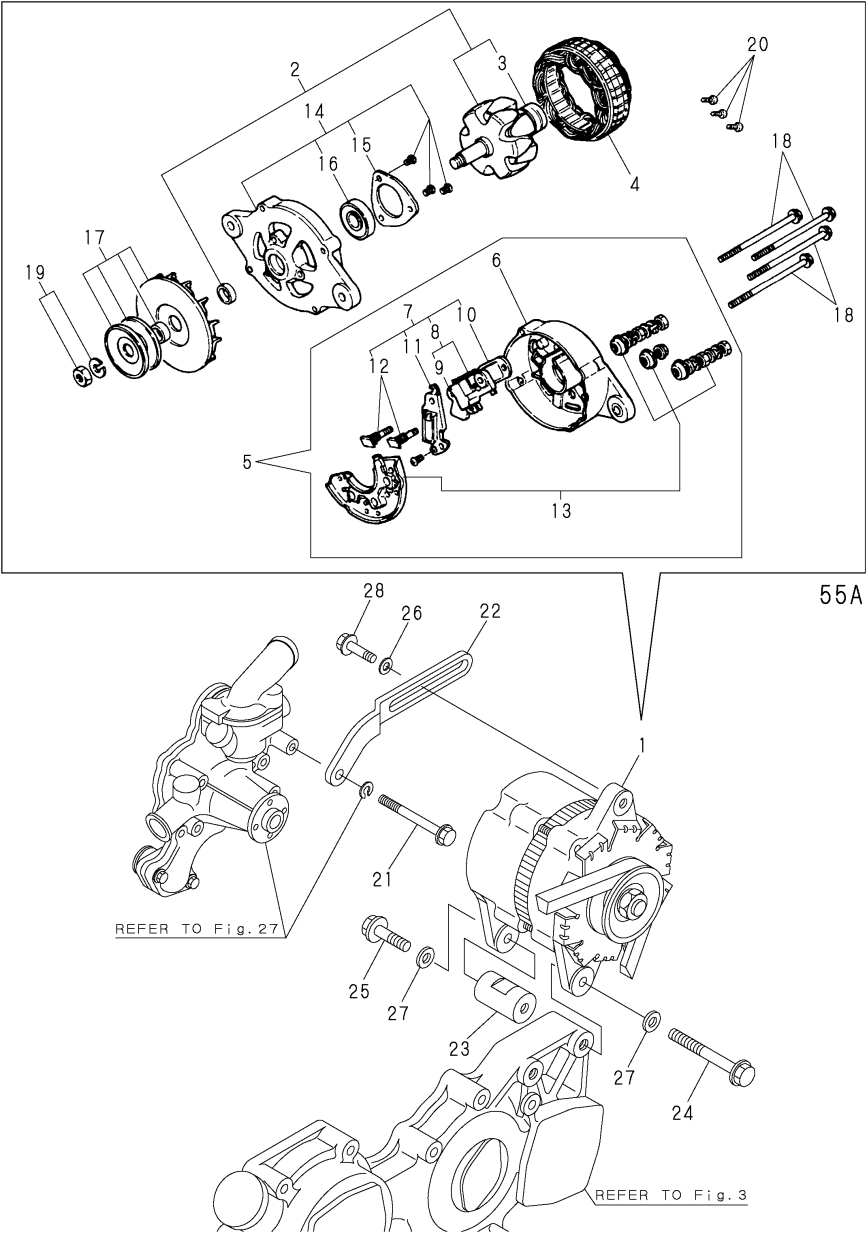
Remarks
(1) INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.1-1
FIG.54 REF.NO.14-1.

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
62	1	123310-77640	SWITCH, BATTERY				1	1			
63	1	22724-800380	SCREW 8X 38				2	2			
64	1	124550-77030	COVER, TERMINAL				1	1			
65	1	123325-77920	TERMINAL				2	2			
66	1	123325-77930	TERMINAL				2	2			

Fig.48. GENERATOR(4JH3E:PREVIOUS)

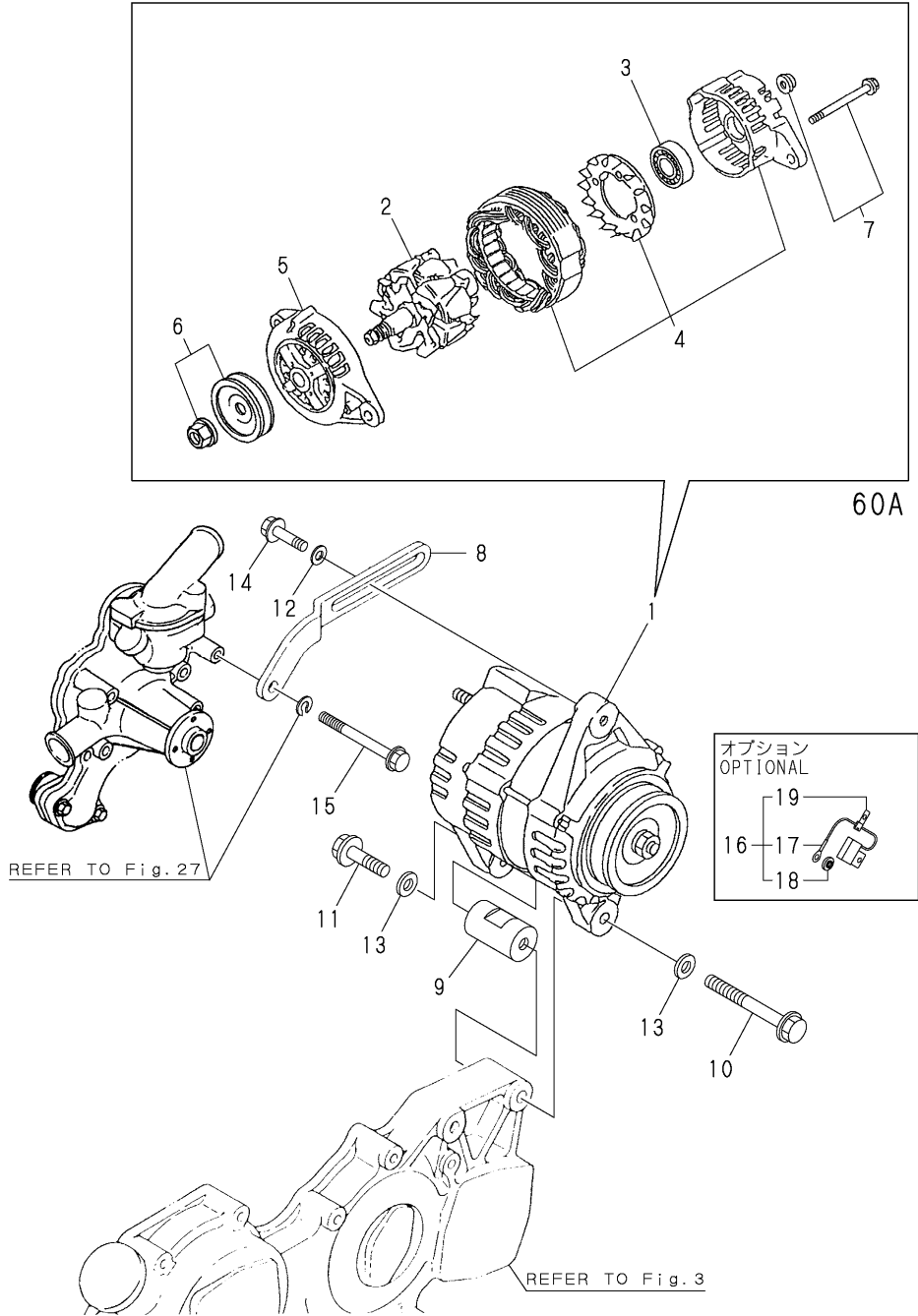


Remarks
(1)INTERCHANGEABILITY IS <N> WITH
FIG.49 REF.NO.1.

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129670-77200	ALTERNATOR	1	1						
I 1-1	1	129772-77200	GENERATOR(12V-55A)	1	1						R
(A=E/#20296) (B=E/#20296)											
I 1-2	1	129772-77200	GENERATOR(12V-55A)	1	1	1				Z	1
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
2	2	XL15571001	ROTOR ASSY	1	1	1					
3	3	124080-77490	BALL BEARING	1	1	1					
4	2	XL15542001	STATOR ASSY	1	1	1					
5	2	XL155G6300	COVER ASSY, REAR	1	1	1					
6	3	XL22553012	COVER, REAR	1	1	1					
7	3	XL155G1315	REGULATOR ASSY,BRUSH	1	1	1					
8	4	XL2255330	BRUSH ASSY	1	1	1					2
9	4	XL12013262	BRUSH	2	2	2					
10	4	XTR1263	REGULATOR	1	1	1					
11	4	XL2554318	CONDENCER ASSY	1	1	1					
12	4	XL13513134	BOLT M5	2	2	2					
13	3	XL2253320	DIODE ASSY	1	1	1					
14	2	XL2253400	FRONT COVER ASSY	1	1	1					
15	3	XL15014042	BEARING RETAINER	1	1	1					
16	3	X6203BM	BALL BEARING	1	1	1					
17	2	XL225G6500	PULLEY ASSY	1	1	1					
18	2	XL15018015	BOLT, THROUGH	4	4	4					
19	2	XL1501810	NUT ASSY, PULLEY	1	1	1					
20	2	XL15028001	SCREW ASSY	1	1	1					
21	1	26106-080652	BOLT M 8X 65 PLATED	1	1	1					
22	1	129470-77330	ADJUSTER, BELT	1	1						
I 22-1	1	129670-77430	ADJUSTER, BELT	1	1	1					R
(A=E/#21955) (B=E/#21955)											
23	1	129670-77340	SPACER,GENERATOR	1	1	1					
24	1	129695-77370	BOLT 10X 75	1	1	1					
25	1	129695-77380	BOLT 10X 30	1	1	1					
26	1	22137-080000	WASHER 8, POLISHED	1	1	1					
27	1	22137-100000	WASHER 10,POLISHED	2	2	2					
28	1	26106-080252	BOLT M 8X 25 PLATED	1	1	1					

Fig.49. GENERATOR(4JH3E:NEW)

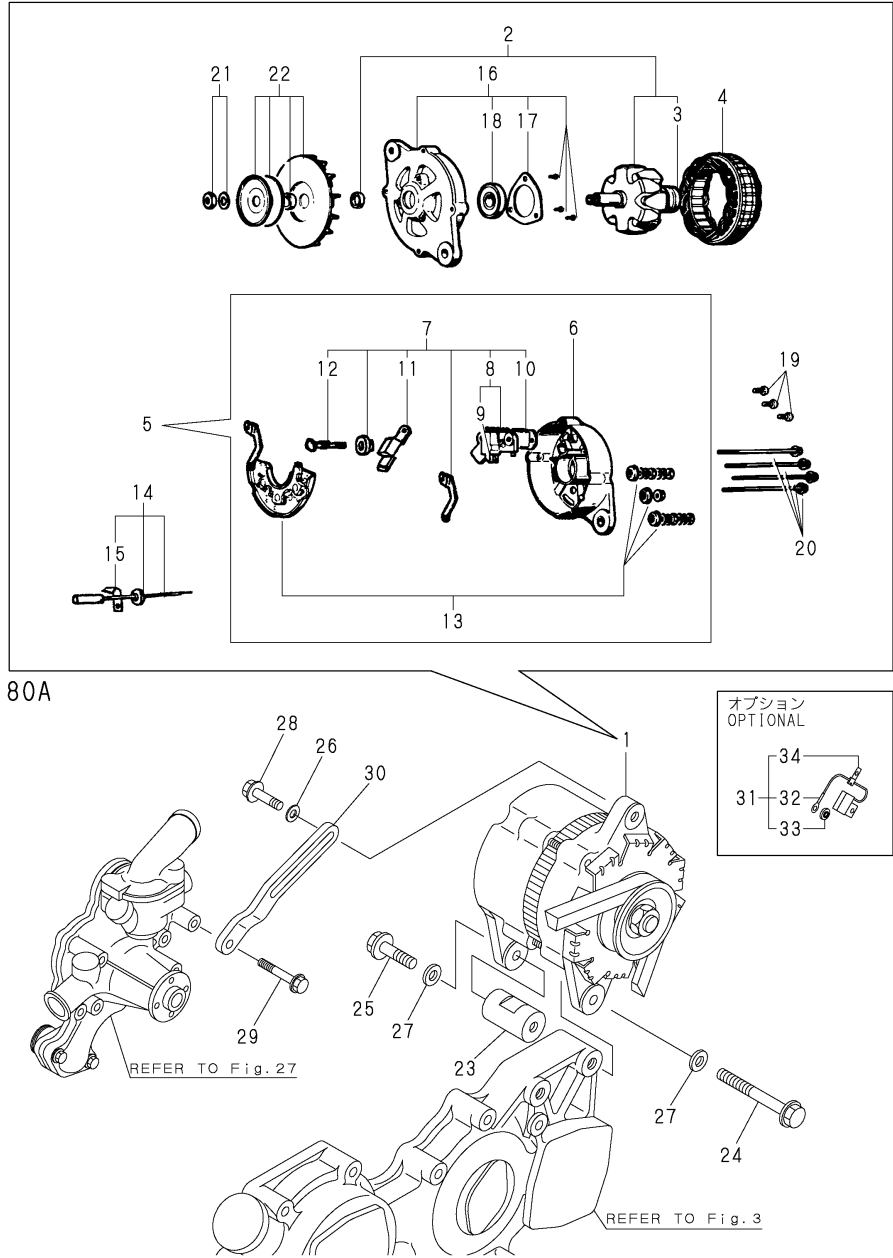


(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	1	1 128271-77200	GENERATOR 12V-60A (A=E/#25682) (B=E/#25682) (C=E/#25682)	1	1	1					W
	2	2 123900-77700	ROTOR ASSY	1	1	1					
	3	2 129612-77710	BALL BEARING	1	1	1					
	4	2 128271-77720	BRACKET(STATOR+REGUL	1	1	1					
	5	2 123900-77730	FRONT BRACKET ASSY	1	1	1					
	6	2 128271-77740	PULLEY	1	1	1					
	7	2 128271-77750	SCREW KIT	1	1	1					
	8	1 129495-77330	ADJUSTER, BELT	1	1						
I	8-1	1 129670-77430	ADJUSTER, BELT (A=E/#21955) (B=E/#21955)	1	1	1					R
	9	1 129670-77340	SPACER,GENERATOR	1	1	1					
	10	1 129695-77370	BOLT 10X 75	1	1	1					
	11	1 129695-77380	BOLT 10X 30	1	1	1					
	12	1 22137-080000	WASHER 8, POLISHED	1	1	1					
	13	1 22137-100000	WASHER 10,POLISHED	2	2	2					
	14	1 26106-080252	BOLT M 8X 25 PLATED	1	1	1					
	15	1 26106-080652	BOLT M 8X 65 PLATED	1	1	1					
	16	1 129772-77250	CONDENSER CMP	1	1	1					
	17	2 129772-77260	C0NDENSER	1	1	1					
	18	2 129772-77270	ISOLATER	2	2	2					
	19	2 129772-77280	CLAMP	1	1	1					

Fig.50. GENERATOR(4JH3E:OPTIONAL)

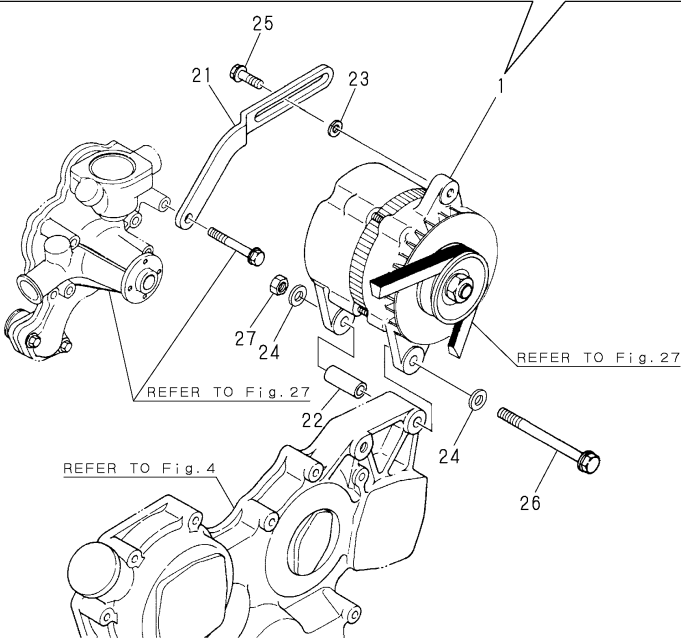
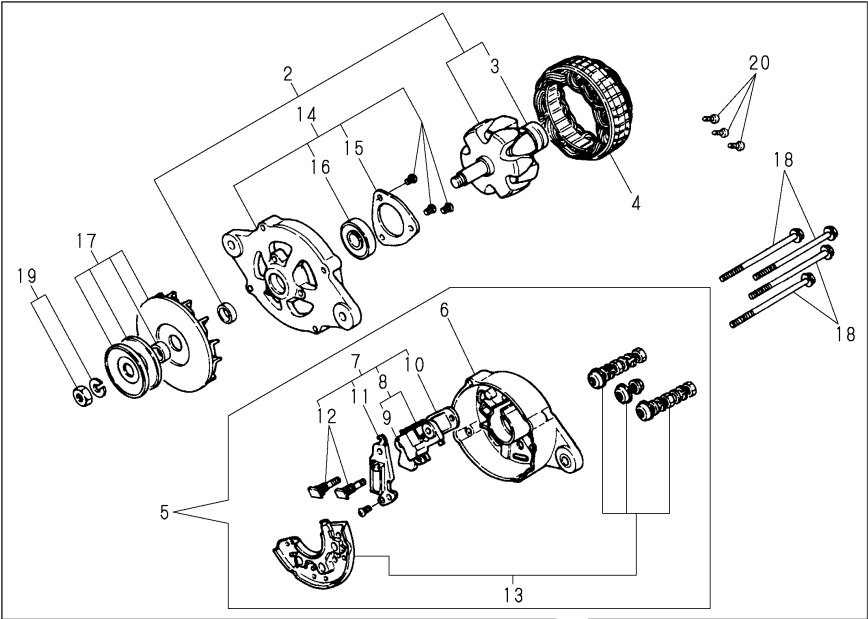


Remarks
(1)INC. 9

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119573-77201	ALTERNATER(12V-80A	1	1	1					
2	2	XL180G61000	ROTOR ASSY	1	1	1					
3	3	119129-77320	BALL BEARING	1	1	1					
4	2	XL180120000	STATOR ASSY	1	1	1					
5	2	XL180G63006	COVER ASSY, REAR	1	1	1					
6	3	XL180G13012	COVER, REAR	1	1	1					
7	3	XL180G43150	BRUSH ASSY,REGULATOR	1	1	1					
8	4	XL155G1330	BRUSH ASSY	1	1	1					1
9	4	XL225G1325	BRUSH SET	2	2	2					
10	4	124080-77390	REGULATOR ASSY	1	1	1					
11	4	XL225431800	CONDENSER	1	1	1					
12	4	124080-77520	BOLT M5	2	2	2					
13	3	XL1808320	DIODE ASY	1	1	1					
14	3	119129-77250	WIRE	1	1	1					
15	4	119129-77260	CLAMP,LEAD WIRE	1	1	1					
16	2	XL235340110	COVER ASSY, FRONT	1	1	1					
17	3	XL150M14041	RETAINER	1	1	1					
18	3	X6303BM0000	BALL BEARING	1	1	1					
19	3	119129-77930	SCREW KIT	1	1	1					
20	2	119129-77890	BOLT, THROUGH	4	4	4					
21	2	119129-77900	NUT ASSY, PULLEY	1	1	1					
22	2	XL180G85001	PULLEY ASSY	1	1	1					
23	1	129670-77340	SPACER,GENERATOR	1	1	1					
24	1	129695-77370	BOLT 10X 75	1	1	1					
25	1	129695-77380	BOLT 10X 30	1	1	1					
26	1	22137-080000	WASHER 8, POLISHED	1	1	1					
27	1	22137-100000	WASHER 10,POLISHED	2	2	2					
28	1	26106-080252	BOLT M 8X 25 PLATED	1	1	1					
29	1	26106-080652	BOLT M 8X 65 PLATED	1	1	1					
30	1	129470-77330	ADJUSTER, BELT	1	1						
I 30-1	1	129670-77430	ADJUSTER, BELT	1	1	1					R
		(A=E/#21955) (B=E/#21955)									
31	1	119573-77250	CONDENSER ASSY	1	1	1					
32	2	119573-77260	CONDENSER	1	1	1					
33	2	119573-77270	BUSH	2	2	2					
34	2	129772-77280	CLAMP	1	1	1					

Fig.51. GENERATOR(4JH3-TE)

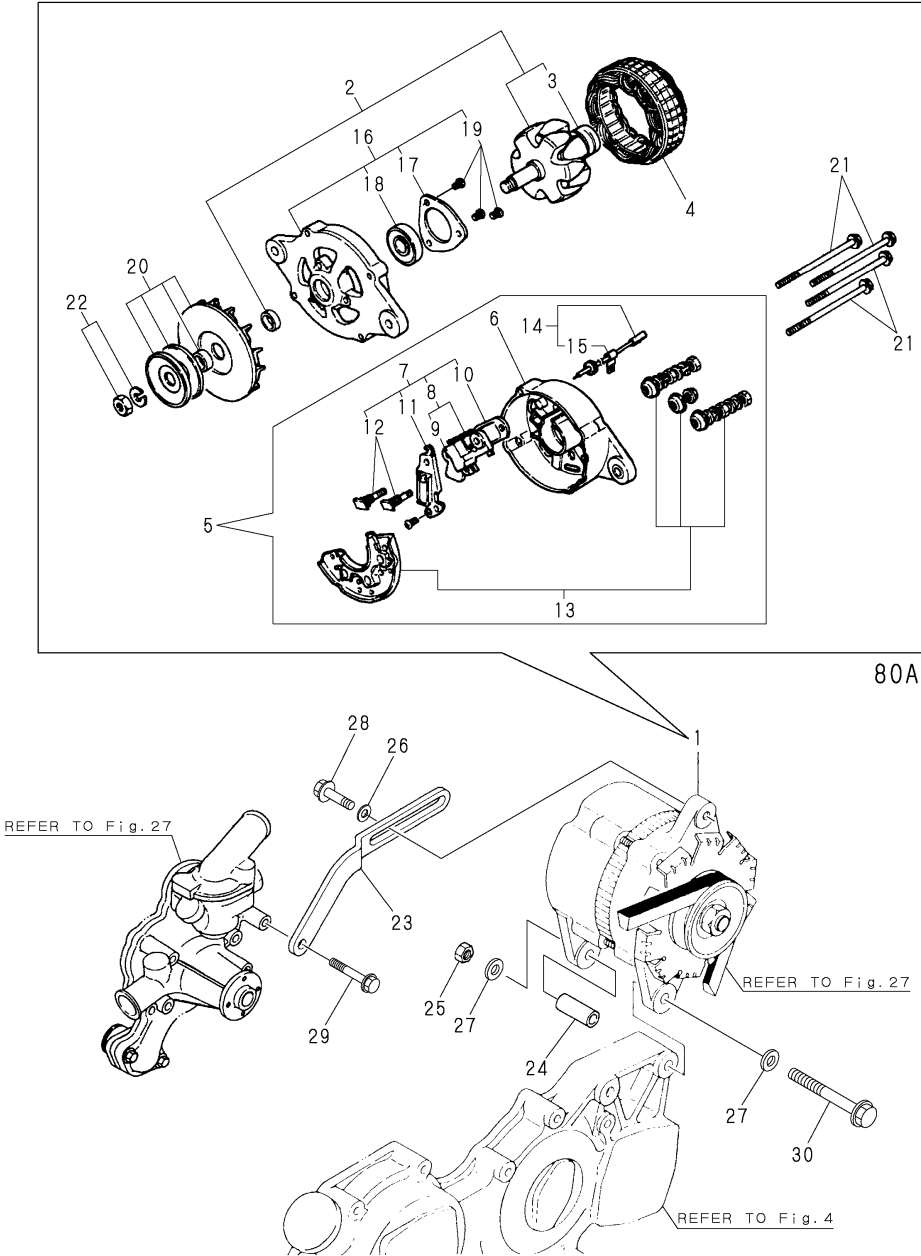


Remarks
(1)INC. 9

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129772-77200	GENERATOR(12V-55A)				1	1			
2	2	XL15571001	ROTOR ASSY				1	1			
3	3	129772-77200	GENERATOR(12V-55A)				1	1			
4	2	XL15542001	STATOR ASSY				1	1			
5	2	XL155G6300	COVER ASSY, REAR				1	1			
6	3	XL22553012	COVER, REAR				1	1			
7	3	XL155G1315	REGULATOR ASSY,BRUSH				1	1			
8	4	XL2255330	BRUSH ASSY				1	1			1
9	4	XL12013262	BRUSH				2	2			
10	4	XTR1Z63	REGULATOR				1	1			
11	4	XL2554318	CONDENCER ASSY				1	1			
12	4	XL13513134	BOLT M5				2	2			
13	3	XL2253320	DIODE ASSY				1	1			
14	2	XL2253400	FRONT COVER ASSY				1	1			
15	3	XL15014042	BEARING RETAINER				1	1			
16	3	X6203BM	BALL BEARING				1	1			
17	2	XL225G6500	PULLEY ASSY				1	1			
18	2	XL15018015	BOLT, THROUGH				4	4			
19	2	XL1501810	NUT ASSY, PULLEY				1	1			
20	2	XL15028001	SCREW ASSY				1	1			
21	1	129470-77330	ADJUSTER, BELT				1	1			
22	1	129470-77340	SPACER				1	1			
23	1	22137-080000	WASHER 8, POLISHED				1	1			
24	1	22137-100000	WASHER 10,POLISHED				2	2			
25	1	26106-080252	BOLT M 8X 25 PLATED				1	1			
26	1	26116-101202	BOLT M10X120 PLATED				1	1			
27	1	26716-100002	NUT 10				1	1			

Fig.52. GENERATOR(4JH3-TE:PREVIOUS)



REFER TO Fig. 27

REFER TO Fig. 27

REFER TO Fig. 4

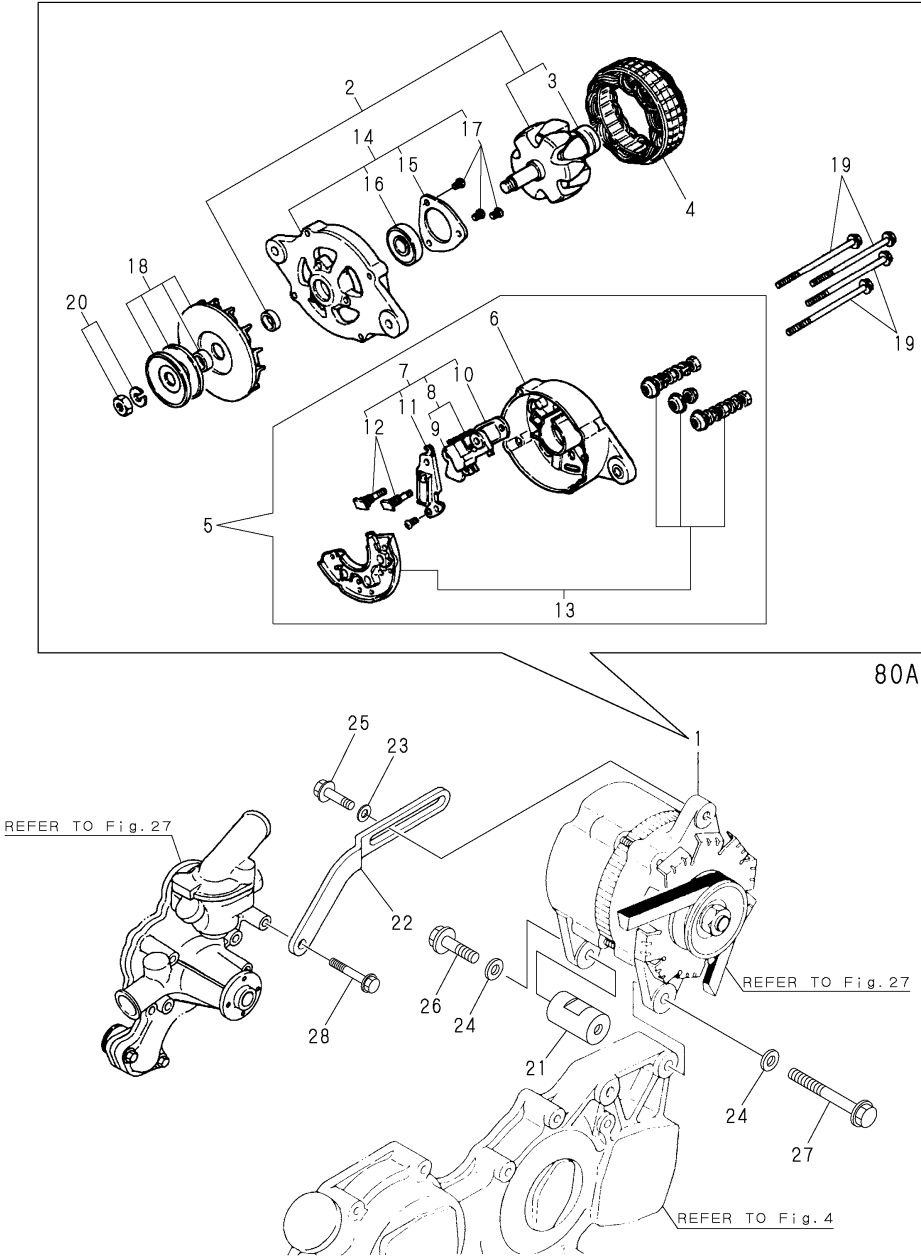
Remarks
(1)INC. 9

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	1	1	119573-77201	ALTERNATER(12V-80A			1			Z	
				(D=E/#10399)							
	2	2	XL180G61000	ROTOR ASSY			1				
	3	3	119129-77320	BALL BEARING			1				
	4	2	XL180120000	STATOR ASSY			1				
	5	2	XL180G63006	COVER ASSY, REAR			1				
	6	3	XL180G13012	COVER, REAR			1				
	7	3	XL180G43150	BRUSH ASSY,REGULATOR			1				
	8	4	XL155G1330	BRUSH ASSY			1			1	
	9	4	XL225G1325	BRUSH SET			2				
	10	4	124080-77390	REGULATOR ASSY			1				
	11	4	XL225431800	CONDENSER			1				
	12	4	124080-77520	BOLT M5			2				
	13	3	XL180832000	DIODE ASSY			1				
	14	3	119129-77250	WIRE			1				
	15	4	119129-77260	CLAMP,LEAD WIRE			1				
	16	2	XL235340110	COVER ASSY, FRONT			1				
	17	3	XL150M14041	RETAINER			1				
	18	3	X6303BM0000	BALL BEARING			1				
	19	3	119129-77930	SCREW KIT			1				
	20	2	XL180G85001	PULLEY ASSY			1				
	21	2	119129-77890	BOLT, THROUGH			4				
	22	2	119129-77900	NUT ASSY, PULLEY			1				
	23	1	129470-77330	ADJUSTER, BELT			1				
	24	1	129470-77340	SPACER			1				
	25	1	26716-100002	NUT 10			1				
	26	1	22137-080000	WASHER 8, POLISHED			1				
	27	1	22137-100000	WASHER 10,POLISHED			2				
	28	1	26106-080252	BOLT M 8X 25 PLATED			1				
	29	1	26106-080652	BOLT M 8X 65 PLATED			1				
	30	1	26116-101202	BOLT M10X120 PLATED			1				

Fig.53. GENERATOR(4JH3-TE:NEW)

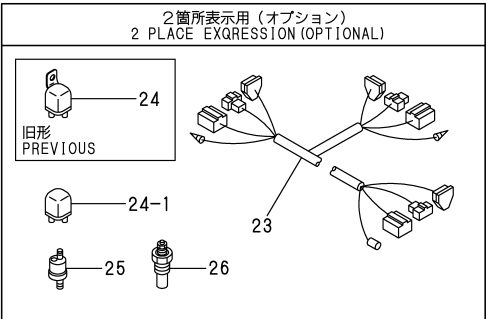
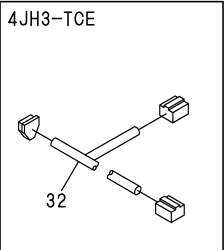
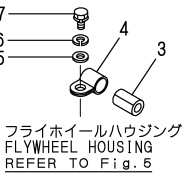
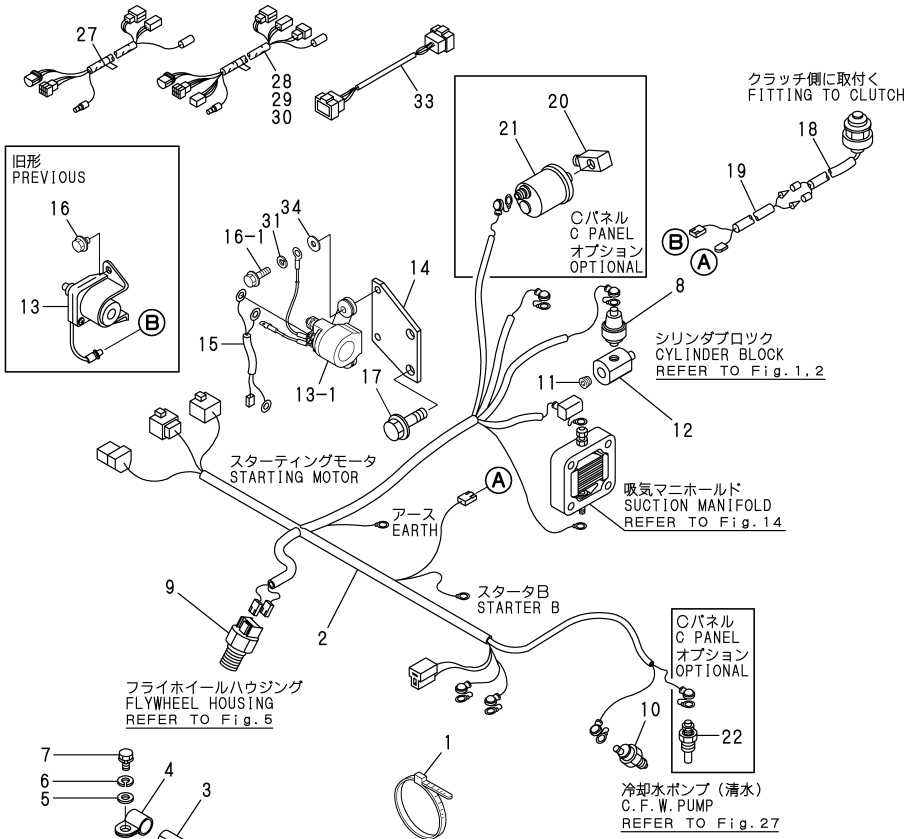


Remarks
(1)INC. 9

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	1	1	119573-77200	GENERATOR (12V-80A			1	1		W	
				(D=E/#10399)							
	2	2	XL1805100	ROTOR ASY			1	1			
	3	3	X6201NC	BALL BEARING			1	1			
	4	2	XL1801200	STATOR ASY			1	1			
	5	2	XL1809300	COVER ASSY, REAR			1	1			
	6	3	XL1805301	COVER, REAR			1	1			
	7	3	XL1556315	REGULATOR ASSY,BRUSH			1	1			
	8	4	XL2255320	DIODE L225-5320			1	1		1	
	9	4	XL1801335	BRUSH			2	2			
	10	4	XTR1Z63	REGULATOR			1	1			
	11	4	XL2251318	CONDENCER ASSY			1	1			
	12	4	119129-77940	BOLT(M5			2	2			
	13	3	XL1808320	DIODE ASY			1	1			
	14	2	XL23534011	COVER ASSY, FRONT			1	1			
	15	3	XL150M14041	RETAINER			1	1			
	16	3	X6303BM	BALL BEARING 6303B			1	1			
	17	3	XL15028001	SCREW ASSY			1	1			
	18	2	XL1805500	PULLEY ASSY			1	1			
	19	2	XL18018015	THROUGH BOLT			4	4			
	20	2	XL1501810	NUT ASSY, PULLEY			1	1			
	21	1	129670-77340	SPACER,GENERATOR			1	1			
	22	1	129670-77430	ADJUSTER, BELT			1	1			
	23	1	22137-080000	WASHER 8, POLISHED			1	1			
	24	1	22137-100000	WASHER 10,POLISHED			2	2			
	25	1	26106-080252	BOLT M 8X 25 PLATED			1	1			
	26	1	26106-100302	BOLT M10X 30 PLATED			1	1			
	27	1	26106-100752	BOLT M10X 75 PLATED			1	1			
	28	1	26106-080652	BOLT M 8X 65 PLATED			1	1			

Fig.54. WIRE HARNESS & SENSOR

P/C NEWS No:Y00R4671-5
PUBLISHED:2008/3

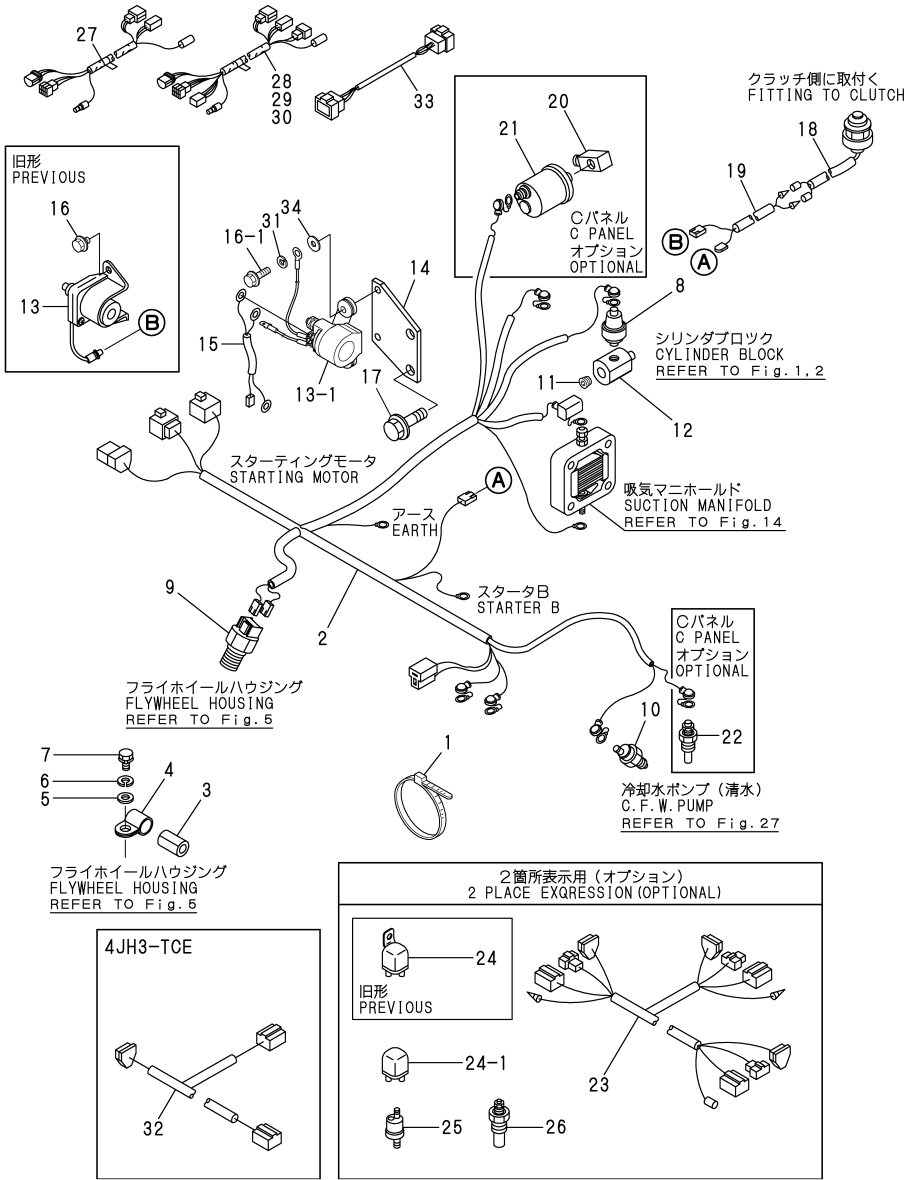


Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.13-1,16-1,
34.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194250-51660	BAND 250	1	1	1	1	1			
2	1	129573-77932	HARNESS, WIRE	1	1	1					
2A	1	129574-77911	HARNESS, WIRE				1	1			
3	1	124770-77940	PROTECTOR	1	1	1	1	1			
I 3-1	1	129670-77940	PROTECTOR	1	1	1	1	1			R
(A=*2008.02) (B=*2008.02) (C=*2008.02) (D=*2008.02) (E=*2008.02)											
4	1	124070-77950	CLAMP, WIRE	1	1	1	1	1			
I 4-1	1	23297-180081	RETAINER 18X 8	1	1	1	1	1			N
(A=*2008.01) (B=*2008.01) (C=*2008.01) (D=*2008.01) (E=*2008.01)											
5	1	22137-080000	WASHER 8, POLISHED	1	1	1	1	1			
6	1	22217-080000	SPRING WASHER 8	1	1	1	1	1			
7	1	26106-080162	BOLT M 8X 16 PLATED	1	1	1	1	1			
8	1	124060-39451	SWITCH,OIL PRESSURE	1	1	1	1				
8-1	1	124060-39452	SENDER,OIL PRESSURE	1	1	1	1	1			N
(A=E/#24410) (B=E/#24410) (C=E/#24410) (D=E/#11839)											
9	1	128170-91160	SENSOR, TACHOMETER	1	1	1	1	1			
10	1	120130-91370	SWITCH, THERMO(100 C	1	1	1	1	1			
11	1	23871-010000	PLUG PT1/8,SCREW	1	1						
11-1	1	129270-39620	PLUG	1	1	1					N
(A=E/#20776) (B=E/#20776)											
11A	1	23876-010000	PLUG PT1/8,SCREW					1	1		
12	1	43580-500680	DAMPER PT1/8	1	1	1	1	1			
13	1	129490-77910	RELAY, STARTER	1	1	1	1	1			
13-1	1	119575-77510	RELAY, STARTER	1	1	1	1	1			F 1
(A=*2004.06) (B=*2004.06) (C=*2004.06) (D=*2004.06) (E=*2004.06)											
I 14	1	129573-77951	BRACKET	1	1	1	1	1			S
I 14-1	1	129573-77952	BRACKET	1	1	1	1	1			
(A=*2007.01) (B=*2007.01) (C=*2007.01) (D=*2007.01) (E=*2007.01)											
15	1	129573-77960	HARNESS, WIRE	1	1	1					
15A	1	177074-06350	HARNESS, WIRE				1	1			
16	1	26106-060082	BOLT M 6X 8 PLATED	2	2	2	2	2			
16-1	1	26106-060202	BOLT M 6X 20 PLATED	2	2	2	2	2			F 1
(A=*2004.06) (B=*2004.06) (C=*2004.06) (D=*2004.06) (E=*2004.06)											
17	1	26106-100162	BOLT M10X 16 PLATED	2	2	2	2	2			
18	1	120270-77101	SWITCH	1	1	1	1	1			
19	1	129570-77960	HARNESS, WIRE	1	1	1	1	1			
20	1	123482-39670	DAMPER	1	1	1	1	1			
21	1	144626-91560	SENDER UNIT	1	1		1	1			
21-1	1	119773-91500	SENDER UNIT	1	1		1				N
(A=E/#20387) (B=E/#20387) (D=*1997.07)											
21-2	1	119773-91501	SENDER UNIT	1	1	1	1				N
(A=E/#23803) (B=E/#23803) (C=E/#23803) (D=E/#11493)											
22	1	144626-91570	SENDER UNIT	1	1	1	1	1			
23	1	129574-77980	HARNESS.	1	1	1	1	1			
24	1	124617-91850	RELAY	1	1	1	1				
24-1	1	119773-91850	RELAY	1	1	1	1	1			R
(A=E/#22643) (B=E/#22643) (C=E/#22643) (D=E/#10799)											
25	1	129574-91560	SENDER UNIT	1	1	1	1	1			
25-1	1	129574-91561	SENDER UNIT	1	1	1	1	1			R
(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191) (E=E/#12191)											
26	1	129574-91570	SENDER UNIT	1	1	1	1	1			

Fig.54. WIRE HARNESS & SENSOR

P/C NEWS No:Y00R4671-5
PUBLISHED:2008/3



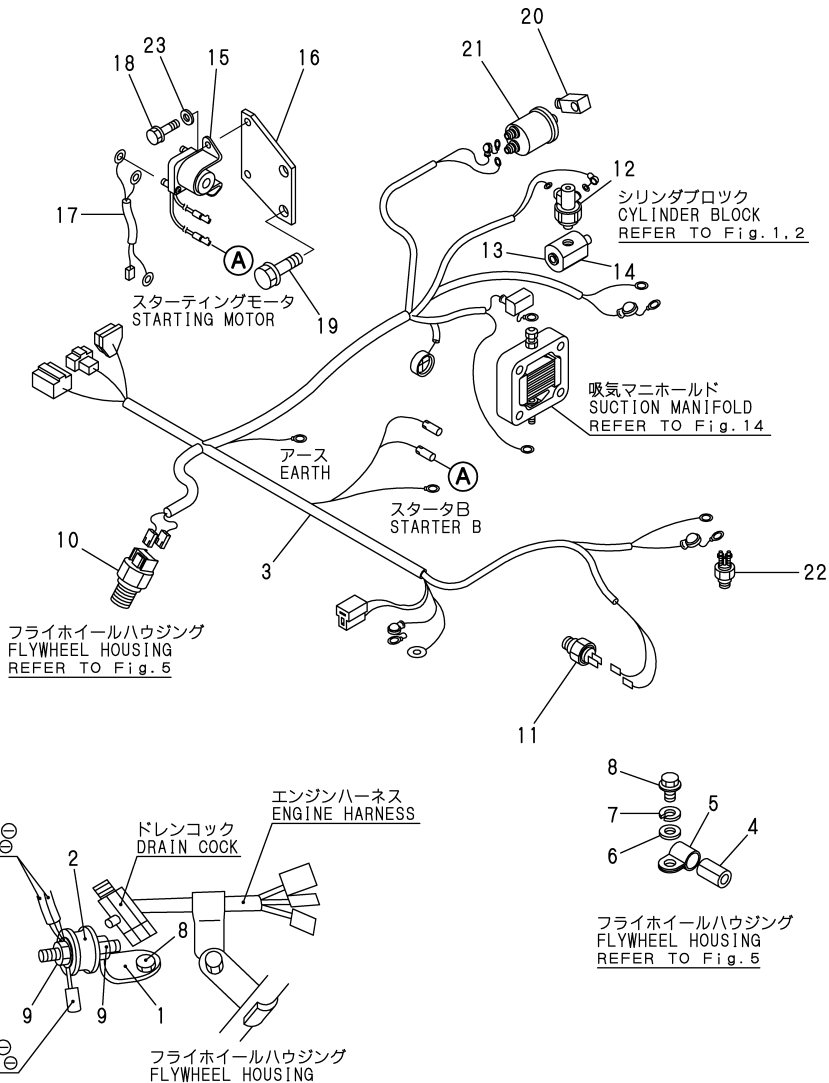
Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.13-1,16-1,
34.

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
27	1	128391-77720	HARNESS, WIRE(6M	1	1	1	1	1			
28	1	129574-77710	HARNESS, WIRE(4M)	1	1	1	1	1			
29	1	129574-77720	HARNESS, WIRE(6M)	1	1	1	1	1			
30	1	129574-77740	HARNESS,10M	1	1	1	1	1			
31	1	22217-060000	SPRING WASHER 6	2	2	2	2	2			
32	1	129671-77900	HARNESS(SAIL DRIVE						1		
33	1	129670-77990	ADAPTER(CONNECTOR	1	1	1	1	1		W	
		(A=E/#25638) (B=E/#25638) (C=E/#25638) (D=E/#12811)						(E=E/#12811)			
34	1	183350-55130	WASHER	2	2	2	2	2		W	1
		(A=*2004.06) (B=*2004.06) (C=*2004.06) (D=*2004.06) (E=*2004.06)									

Fig.55. WIRE HARNESS(EARTH FLOAT TYPE)

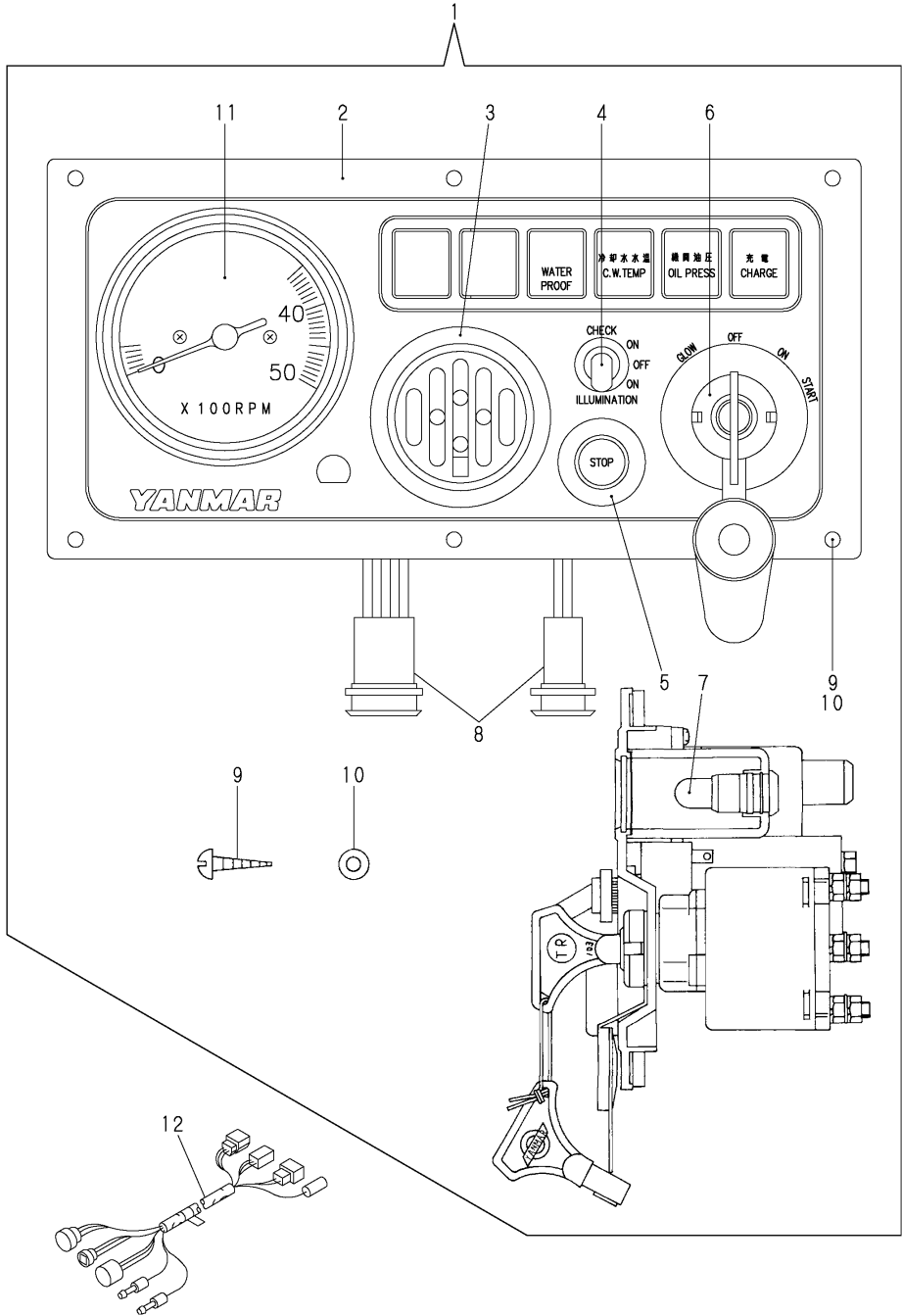
P/C NEWS No.:Y00R4671-5
PUBLISHED :2008/3



(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

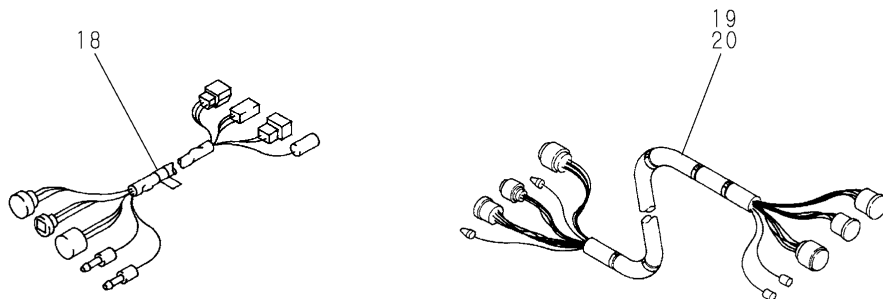
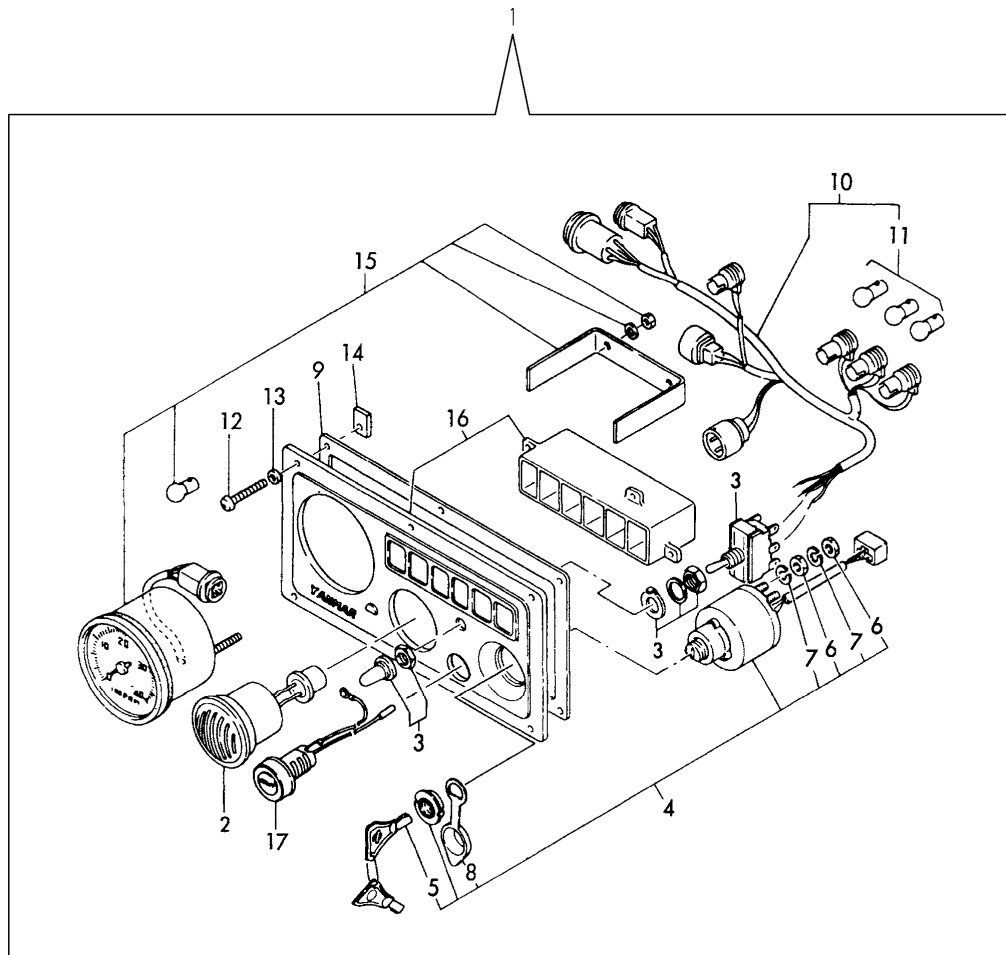
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129590-59200	CLAMP	1	1	1	1	1			
2	1	194555-62750	RUBBER, CUSHION	1	1	1	1	1			
3	1	129570-77820	HARNESS, WIRE	1	1	1					
3A	1	129574-77820	HARNESS, WIRE				1	1			
4	1	124770-77940	PROTECTOR	1	1	1	1	1			
I 4-1	1	129670-77940		1	1	1	1	1			R
(A)=*2008.02) (B)=*2008.02) (C)=*2008.02) (D)=*2008.02) (E)=*2008.02)											
5	1	124070-77950	CLAMP, WIRE	1	1	1	1	1			
6	1	22137-080000	WASHER 8, POLISHED	1	1	1	1	1			
7	1	22217-080000	SPRING WASHER 8	1	1	1	1	1			
8	1	26106-080142	BOLT 8X 14 PLATED	2	2	2	2	2			
9	1	26716-080002	NUT M 8	2	2	2	2	2			
10	1	128170-91160	SENSOR, TACHOMETER	1	1	1	1	1			
11	1	129570-91320	SWITCH, THERMO(100C	1	1	1	1	1			
12	1	126630-91591	SWITCH,OIL PRESSURE	1	1	1	1	1			
13	1	23876-010000	PLUG PT1/8,SCREW	1	1	1	1	1			
14	1	43580-500680	DAMPER PT1/8	1	1	1	1	1			
15	1	129570-77920	STARTER RELAY	1	1	1	1	1			
16	1	129573-77951	BRACKET	1	1	1	1	1			
I 16-1	1	129573-77952	BRACKET	1	1	1	1	1			S
(A)=*2007.01) (B)=*2007.01) (C)=*2007.01) (D)=*2007.01) (E)=*2007.01)											
17	1	129573-77960	HARNESS, WIRE	1	1	1	1	1			
18	1	26106-060082	BOLT M 6X 8 PLATED	2	2	2	2	2			
19	1	26106-100162	BOLT M10X 16 PLATED	2	2	2	2	2			
20	1	123482-39670	DAMPER	1	1	1	1	1			
21	1	126630-91560	SENDER UNIT	1	1	1	1	1			
21-1	1	119773-91520	SENDER UNIT	1	1	1	1	1			R
(A=E/#25003) (B=E/#25003) (C=E/#25003) (D=E/#12191) (E=E/#12191)											
22	1	126630-91570	SENDER UNIT	1	1	1	1	1			
23	1	22217-060000	SPRING WASHER 6	2	2	2	2	2			

Fig.56. INSTRUMENT PANEL(B:4JH3E)



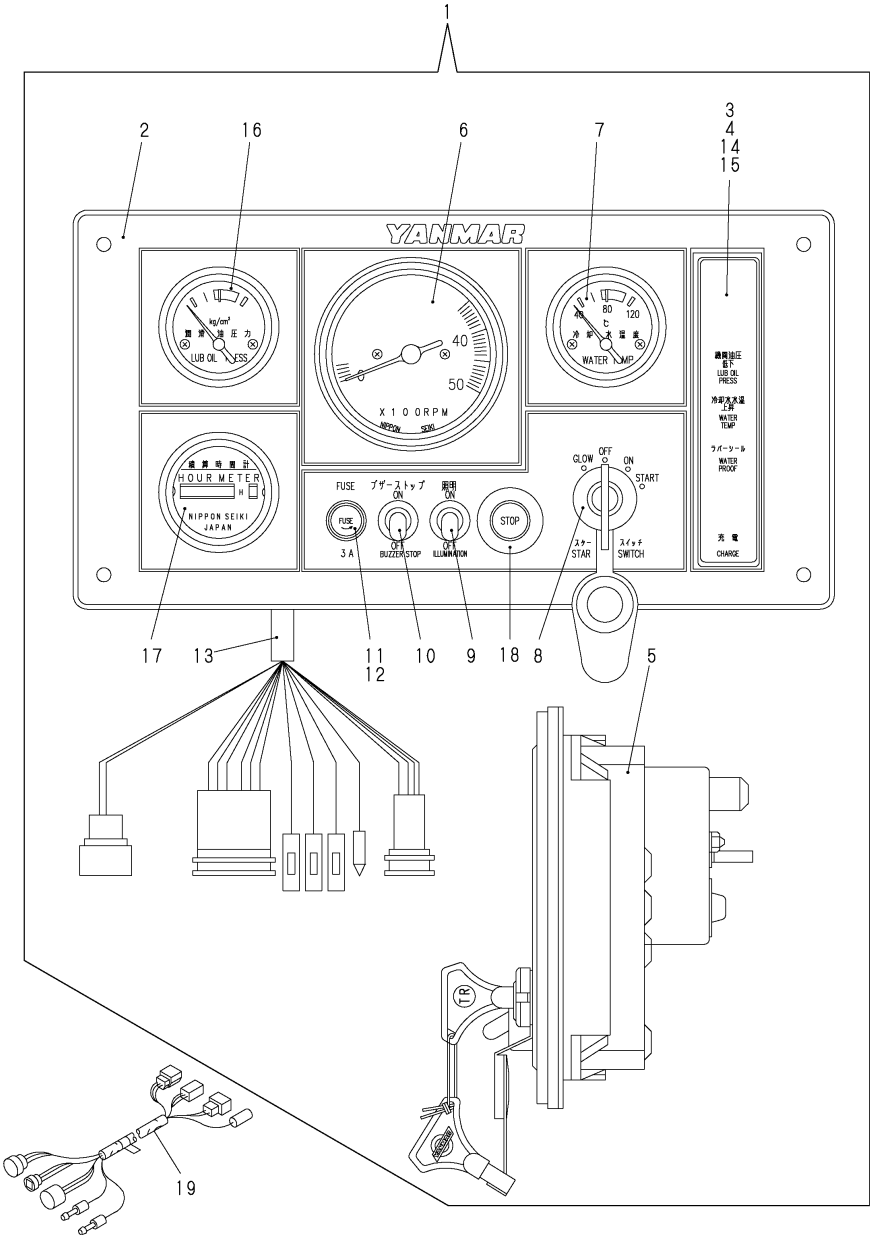
OCR10-G46701 56. INSTRUMENT PANEL(B:4JH3E)

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129670-91110	PANEL B ASSY	1	1	1					
2	2	129495-91010	HOUSING, PANEL	1	1	1					
3	2	104271-91352	BUZZER	1	1	1					
4	2	128170-91310	SWITCH, LAMP	1	1	1					
5	2	129470-91190	STOPPER	1	1	1					
6	2	127412-91250	SWITCH W/KEY	1	1	1					
7	2	124617-91920	BULB	4	4	4					
8	2	129171-91850	HARNESS,WIRE	1	1	1					
9	2	128170-91810	SCREW M5	6	6	6					
10	2	128170-91820	WASHER 5	6	6	6					
11	2	129670-91200	TACHOMETER	1	1	1					
12	1	129574-77860	HARNESS ADAPTER 12V	1	1	1					



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY				I	R	
				(A)	(B)	(C)	(D)			(E)
I	1	124411-91190	PANEL ASSY, INSTRUM				1	1		
	1-1	124411-91191	PANEL ASSY, INSTRUM				1	1		N
			(D=E/#12387)		(E=E/#12387)					
	2	104271-91351	BUZZER				1	1		
	3	128170-91310	SWITCH, LAMP				1	1		
	4	127412-91250	SWITCH W/KEY				1	1		
	5	123482-91291	KEY, SWITCH				1	1		
	6	26716-050002	NUT M 5				10	10		
	7	22217-050000	SPRING WASHER 5				10	10		
	8	127620-91820	COVER				1	1		
	9	128170-91020	GASKET				1	1		
	10	128170-91031	HARNESS, WIRE				1	1		
	11	194151-55820	BULB 12V-3.4W				3	3		
	12	128170-91810	SCREW M5				6	6		
	13	128170-91820	WASHER 5				6	6		
	14	128170-91830	PLATE NUT M5				6	6		
	15	128696-91100	TACHOMETER				1	1		
	16	124411-91010	BODY, PANEL				1	1		
	17	129470-91190	STOPPER				1	1		
I	18	129574-77860	HARNESS ADAPTER 12V				1	1		Z
			(D=E/#12387)		(E=E/#12387)					
	19	127610-77710	HARNESS, WIRE(3.8M)				1	1		
	20	119171-77701	HARNESS, WIRE(6M				1	1		

Fig.58. INSTRUMENT PANEL(C:4JH3E:PREVOUS)

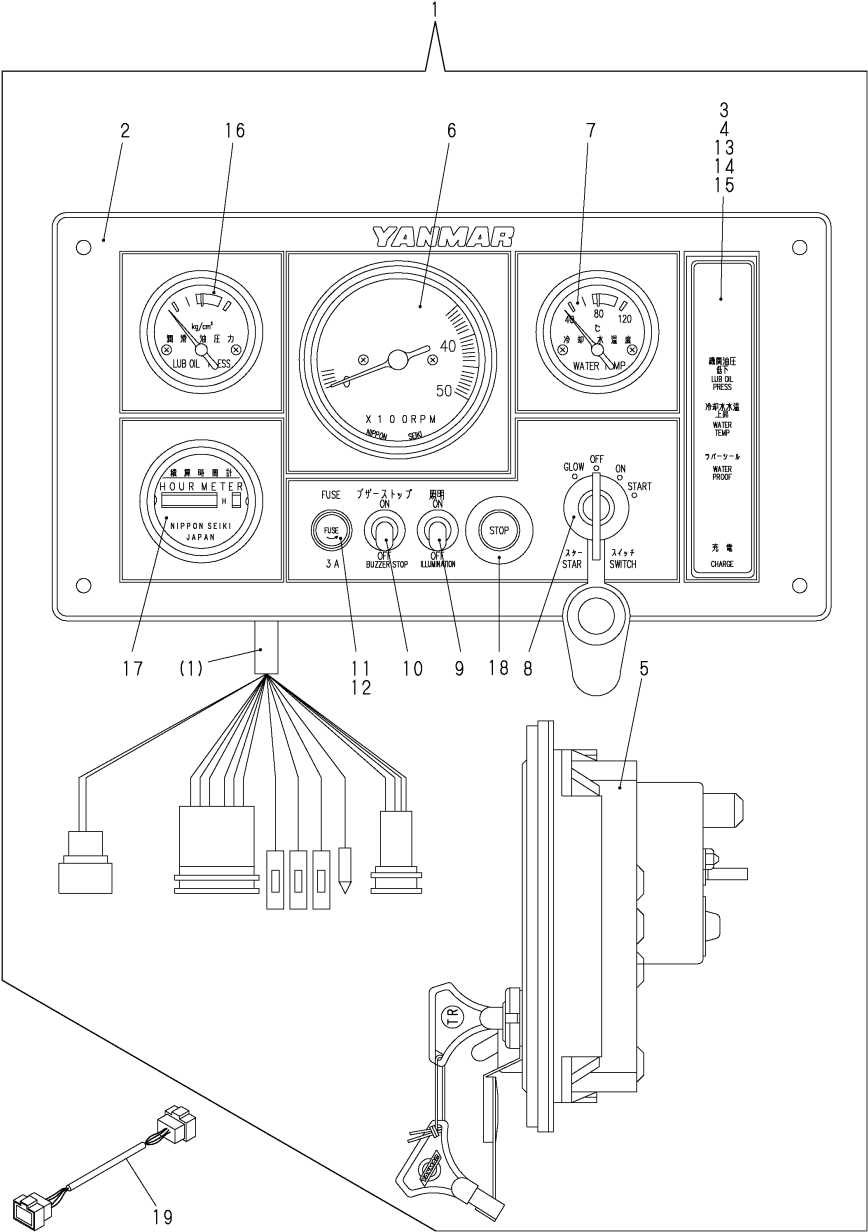


Remarks
(1)INTERCHANGEABILITY IS <N> WITH
FIG.59 REF.NO.1.

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129171-91171	PANEL ASSY, INSTRUM	1	1						
I 1-1	1	129171-91172	PANEL ASSY	1	1						S
		(A=E/#22126) (B=E/#22126)									
I 1-2	1	129171-91172	PANEL ASSY	1	1	1					Z 1
		(A=E/#25155) (B=E/#25155) (C=E/#25155)									
2	2	129470-91180	BODY, PANEL(C-TYPE)	1	1	1					
3	2	129171-91600	PILOT LENS ASSY	1	1	1					
4	3	127410-91600	LENS	1	1	1					
5	2	127410-91620	BODY, PILOT BOX	1	1	1					
6	2	129171-91200	TACHOMETER	1	1	1					
7	2	124617-91840	THERMOMETER	1	1	1					
8	2	121575-91250	SWITCH W/KEY	1	1	1					
9	2	127687-91790	SWITCH	1	1	1					
10	2	128270-91350	BUZZER, ALARM	1	1	1					
11	2	46150-003610	BOX(WITH OUT FUSE	1	1	1					
12	3	46150-003620	FUSE	1	1	1					
13	2	129171-91880	HARNESS,WIRE	1	1	1					
14	2	124617-91920	BULB	1	1	1					
15	2	194555-55820	BULB 12V-1.7W	7	7	7					
16	2	129470-91160	GAUGE, OIL PRESSURE	1	1						
I 16-1	2	129470-91161	METER	1	1	1					S
		(A=E/#22126) (B=E/#22126)									
17	2	157854-04300	HOURLY METER	1	1	1					
18	2	129470-91190	STOPPER	1	1	1					
I 19	1	129574-77860	HARNESS ADAPTER 12V	1	1	1					Z
		(A=E/#25155) (B=E/#25155) (C=E/#25155)									

Fig.59. INSTRUMENT PANEL(C:4JH3E)

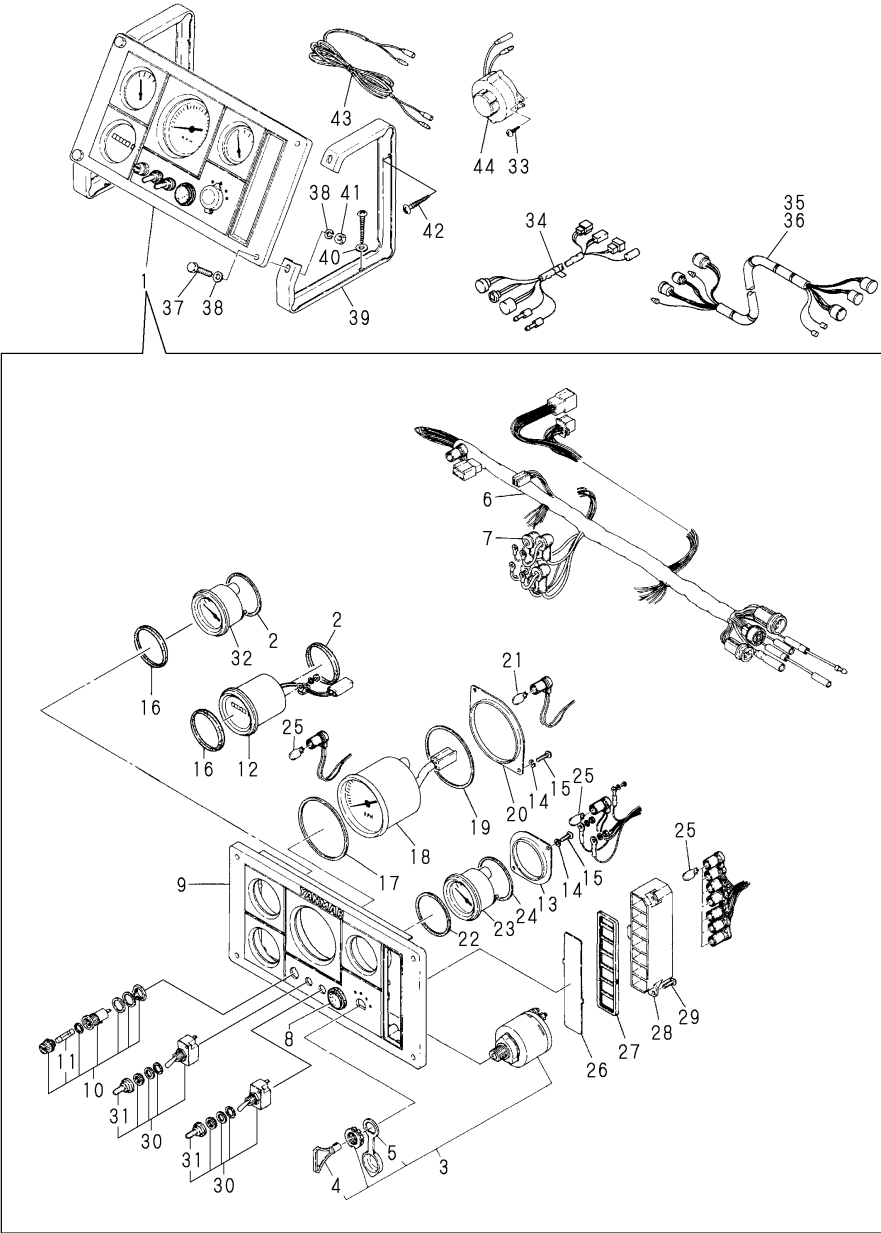


Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.19.

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	1	1	129171-91173 (A=E/#25155) (B=E/#25155) (C=E/#25155)	PANEL ASSY	1	1	1				W
I	1-1	1	129171-91174 (A=E/#25638) (B=E/#25638) (C=E/#25638)	PANEL ASSY	1	1	1			F	1
	2	2	129470-91180	BODY, PANEL(C-TYPE)	1	1	1				
	3	2	129171-91600	PILOT LENS ASSY	1	1	1				
	4	3	127410-91600	LENS	1	1	1				
	5	2	127410-91620	BODY, PILOT BOX	1	1	1				
	6	2	129171-91200	TACHOMETER	1	1	1				
	7	2	124617-91840	THERMOMETER	1	1	1				
	8	2	121575-91250	SWITCH W/KEY	1	1	1				
	9	2	127687-91790	SWITCH	1	1	1				
	10	2	128270-91350	BUZZER, ALARM	1	1	1				
	11	2	46150-003610	BOX(WITH OUT FUSE)	1	1	1				
	12	3	46150-003620	FUSE	1	1	1				
	13	2	127410-91610	RETAINER	1	1	1				
	14	2	124617-91920	BULB	1	1	1				
	15	2	194555-55820	BULB 12V-1.7W	7	7	7				
	16	2	129470-91161	METER	1	1	1				
	17	2	157854-04300	HOUR METER	1	1	1				
	18	2	129470-91190	STOPPER	1	1	1				
I	19	1	129670-77990 (A=E/#25638) (B=E/#25638) (C=E/#25638)	ADAPTER(CONNECTOR	1	1	1				W

Fig.60. INSTRUMENT PANEL(C:4JH3-TE)

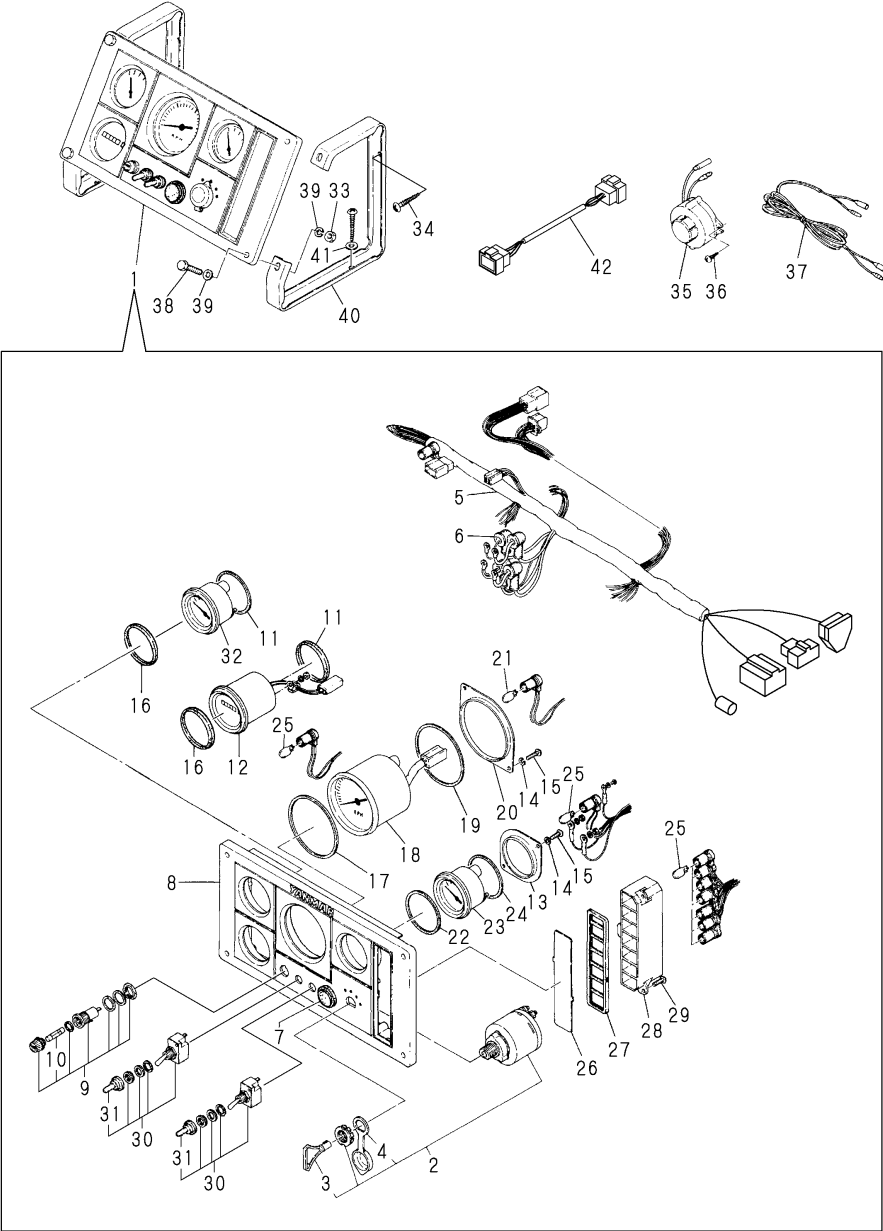


Remarks
(1)INTERCHANGEABILITY IS <N> WITH
FIG.61 REF.NO.1.

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-91100	PANEL ASSY, INSTRUM				1				
I 1-1	1	129470-91101	PANEL ASSY,INSTRUM				1			S	
			(D=E/#10584)								
I 1-2	1	129470-91101	PANEL ASSY,INSTRUM				1	1		Z	1
			(D=E/#12387) (E=E/#12387)								
2	2	127410-91590	PACKING				2	2			
3	2	121575-91250	SWITCH W/KEY				1	1			
4	3	123482-91291	KEY, SWITCH				2	2			
5	3	127620-91820	COVER				1	1			
6	2	129470-91150	HARNESS, WIRE				1	1			
7	2	127620-91830	CAP				4	4			
8	2	129470-91190	STOPPER				1	1			
9	2	129470-91180	BODY, PANEL(C-TYPE)				1	1			
10	2	46150-003610	BOX(WITH OUT FUSE				1	1			
11	3	124617-91990	FUSE (3A)				3	3			
12	2	157854-04300	HOUR METER				1	1			
13	2	127410-91510	BRACKET				3	3			
14	2	127410-91520	WASHER				8	8			
15	2	127410-91530	SCREW				8	8			
16	2	127410-91580	PACKING, RUBBER				2	2			
17	2	127410-91550	GASKET, RUBBER				1	1			
18	2	129470-91170	TACHOMETER				1	1			
19	2	127410-91560	GASKET, RUBBER				1	1			
20	2	127410-91570	BRACKET				1	1			
21	2	124617-91920	BULB				1	1			
22	2	127410-91580	PACKING, RUBBER				1	1			
23	2	124617-91840	THERMOMETER				1	1			
24	2	127410-91590	PACKING				1	1			
25	2	124617-91980	BULB				6	6			
26	2	127410-91600	LENS				1	1			
27	2	127410-91610	RETAINER				1	1			
28	2	127410-91620	BODY, PILOT BOX				1	1			
29	2	127410-91630	SCREW				3	3			
30	2	127620-91790	SWITCH				2	2			
31	3	127620-91780	CAP				2	2			
32	2	129470-91160	GAUGE, OIL PRESSURE				1				
I 32-1	2	129470-91161	METER				1	1		S	
			(D=E/#10584)								
33	1	22717-410160	SCREW 4.1X16				2	2			
I 34	1	129574-77860	HARNESS ADAPTER 12V				1	1		Z	
			(D=E/#12387) (E=E/#12387)								
35	1	127610-77710	HARNESS, WIRE(3.8M)				1	1			
36	1	119171-77701	HARNESS, WIRE(6M)				1	1			
37	1	127620-91500	SCREW				4	4			
38	1	127620-91510	WASHER				8	8			
39	1	127410-91680	BRACKET, PANEL				2	2			
40	1	127620-91560	WASHER				4	4			
41	1	127620-91550	NUT				4	4			
42	1	127620-91570	SCREW				4	4			
43	1	127620-91580	WIRE				1	1			
44	1	124617-91900	BUZZER				1	1			

Fig.61. INSTRUMENT PANEL(C:4JH3-TE)

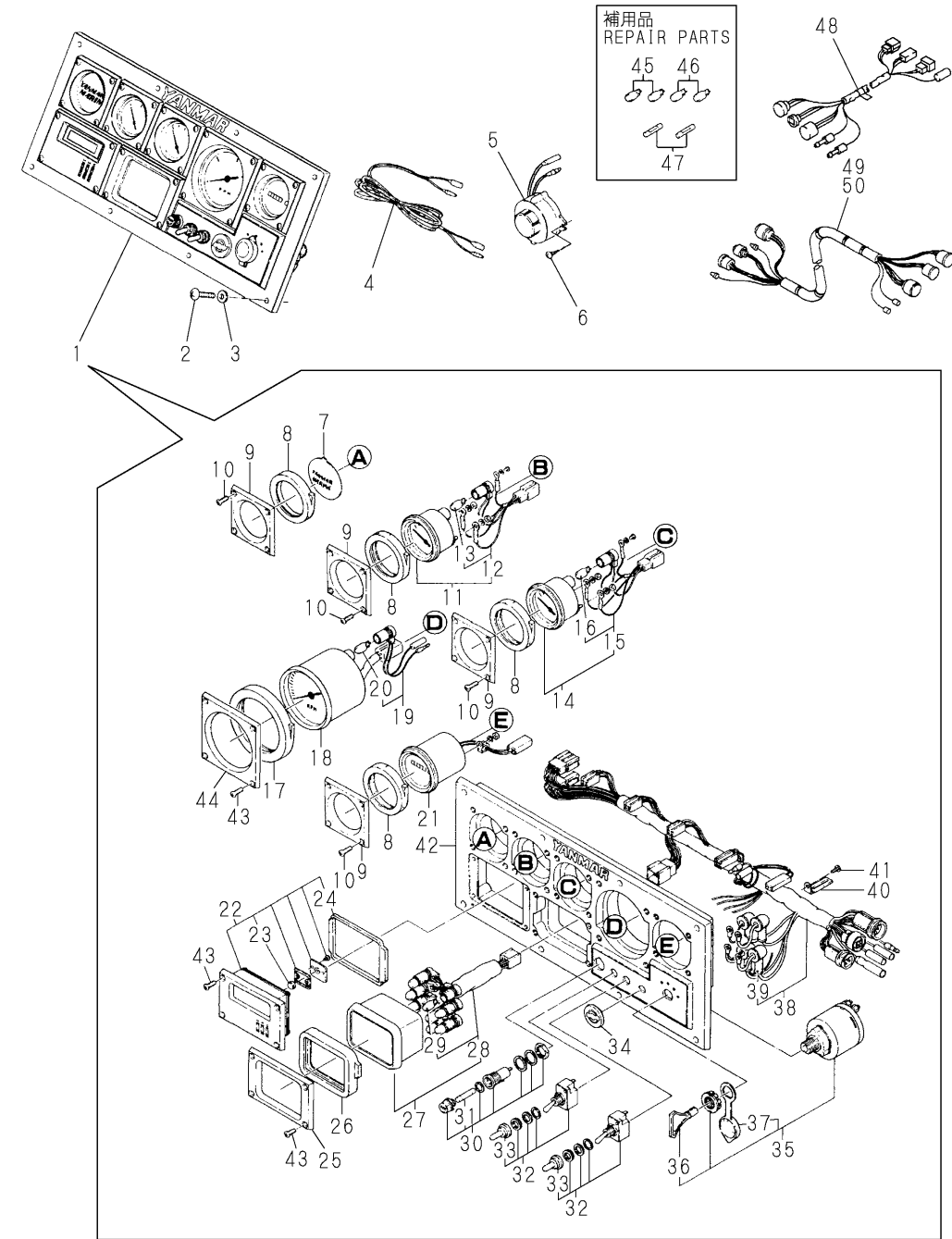


Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.42.

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	1	1	129470-91102	PANEL ASSY,INSTRUM			1	1		W	
			(D=E/#12387)		(E=E/#12387)						
I	1-1	1	129470-91103	PANEL ASSY,INSTRUM			1	1		F	1
			(D=E/#12811)		(E=E/#12811)						
	2	2	121575-91250	SWITCH W/KEY			1	1			
	3	3	123482-91291	KEY, SWITCH			2	2			
	4	3	127620-91820	COVER			1	1			
	5	2	129171-91880	HARNESS,WIRE			1	1			
	6	2	127620-91830	CAP			4	4			
	7	2	129470-91190	STOPPER			1	1			
	8	2	129470-91180	BODY, PANEL(C-TYPE)			1	1			
	9	2	46150-003620	FUSE			1	1			
	10	3	124617-91990	FUSE (3A)			3	3			
	11	2	127410-91590	PACKING			2	2			
	12	2	157854-04300	HOUR METER			1	1			
	13	2	127410-91510	BRACKET			3	3			
	14	2	127410-91520	WASHER			8	8			
	15	2	127410-91530	SCREW			8	8			
	16	2	127410-91580	PACKING, RUBBER			2	2			
	17	2	127410-91550	GASKET, RUBBER			1	1			
	18	2	129470-91170	TACHOMETER			1	1			
	19	2	127410-91560	GASKET, RUBBER			1	1			
	20	2	127410-91570	BRACKET			1	1			
	21	2	124617-91920	BULB			1	1			
	22	2	127410-91580	PACKING, RUBBER			1	1			
	23	2	124617-91840	THERMOMETER			1	1			
	24	2	127410-91590	PACKING			1	1			
	25	2	194555-55820	BULB 12V-1.7W			6	6			
	26	2	127410-91600	LENS			1	1			
	27	2	127410-91610	RETAINER			1	1			
	28	2	127410-91620	BODY, PILOT BOX			1	1			
	29	2	127410-91630	SCREW			3	3			
	30	2	127687-91790	SWITCH			2	2			
	31	3	127620-91780	CAP			2	2			
	32	2	129470-91161	METER			1	1			
	33	1	127620-91550	NUT			4	4			
	34	1	127620-91570	SCREW			4	4			
	35	1	124617-91900	BUZZER			1	1			
	36	1	22717-410160	SCREW 4.1X16			1	1			
	37	1	127620-91580	WIRE			1	1			
	38	1	127620-91500	SCREW			4	4			
	39	1	127620-91510	WASHER			8	8			
	40	1	127410-91680	BRACKET, PANEL			2	2			
	41	1	127620-91560	WASHER			4	4			
I	42	1	129670-77990	ADAPTER(CONNECTOR			1	1		W	
			(D=E/#12811)		(E=E/#12811)						

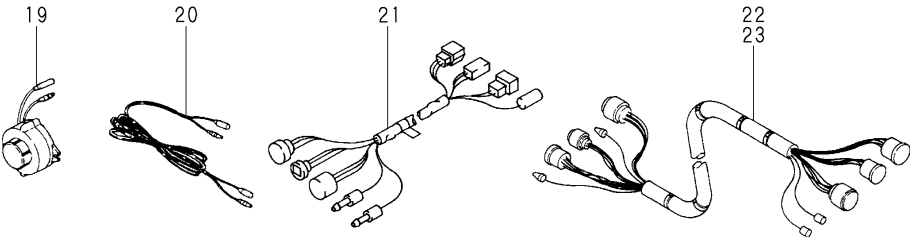
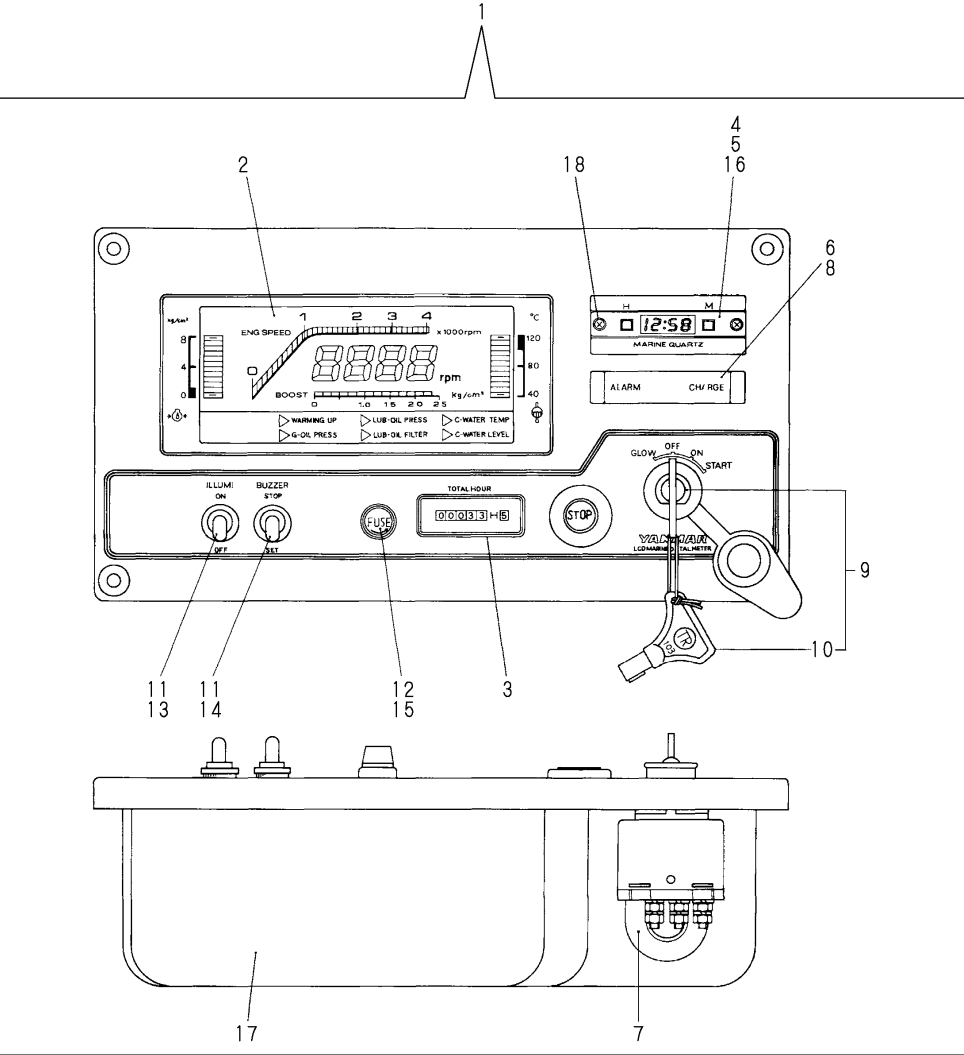
Fig.62. INSTRUMENT PANEL(D:4JH3-TE)



(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124411-91180	PANEL ASSY, INSTRUM				1	1			
2	2	127620-91860	RETAINER				1	1			
3	2	127620-91870	SCREW				1	1			
4	2	127620-91930	PANEL				1	1			
5	2	127620-91630	SCREW				12	12			
6	2	127620-91410	BRACKET				1	1			
7	2	127620-91600	COVER				1	1			
8	2	127620-91610	CUSHION				4	4			
9	2	127620-91620	BRACKET				4	4			
10	2	127620-91630	SCREW				16	16			
11	2	124617-91830	GAUGE, OIL PRESSURE				1	1			
12	3	124617-91910	WIRE W/BULB				1	1			
13	4	124617-91920	BULB				1	1			
14	2	124617-91840	THERMOMETER				1	1			
15	3	124617-91930	WIRE				1	1			
16	4	124617-91920	BULB				1	1			
17	2	127620-91690	CUSHION				1	1			
18	2	128696-91100	TACHOMETER				1	1			
19	2	124617-91950	WIRE W/BULB				1	1			
20	3	124617-91920	BULB				1	1			
21	2	124617-91820	HOURLMETER				1	1			
22	2	127620-91240	TIMER				1	1			
23	3	127620-91250	CELL				1	1			
24	3	127620-91720	GASKET				1	1			
25	2	127620-91730	BRACKET				1	1			
26	3	127620-91740	CUSHION				1	1			
27	2	124617-91810	BOX ASSY, LAMP				1	1			
28	3	124617-91970	WIRE W/BULB				1	1			
29	4	124617-91980	BULB				8	8			
30	2	46150-003610	BOX(WITH OUT FUSE				1	1			
31	3	124617-91990	FUSE (3A)				1	1			
32	2	127620-91790	SWITCH				2	2			
33	3	127620-91780	CAP				2	2			
34	2	127620-91810	PLUG				1	1			
35	2	121575-91250	SWITCH W/KEY				1	1			
36	3	123482-91291	KEY, SWITCH				2	2			
37	3	127620-91820	COVER				1	1			
38	2	124617-91940	HARNESS, WIRE				1	1			
39	3	127620-91830	CAP				4	4			
40	1	129574-77860	HARNESS ADAPTER 12V				1	1			
41	1	119171-77701	HARNESS, WIRE(6M				1	1			
42	1	127610-77710	HARNESS, WIRE(3.8M)				1	1			
43	1	127620-91500	SCREW				8	8			
44	1	127620-91510	WASHER				8	8			
45	1	127620-91580	WIRE				1	1			
46	1	124617-91900	BUZZER				1	1			
47	1	22717-410160	SCREW 4.1X16				2	2			

Fig.63. INSTRUMENT PANEL(E:4JH3-TE)

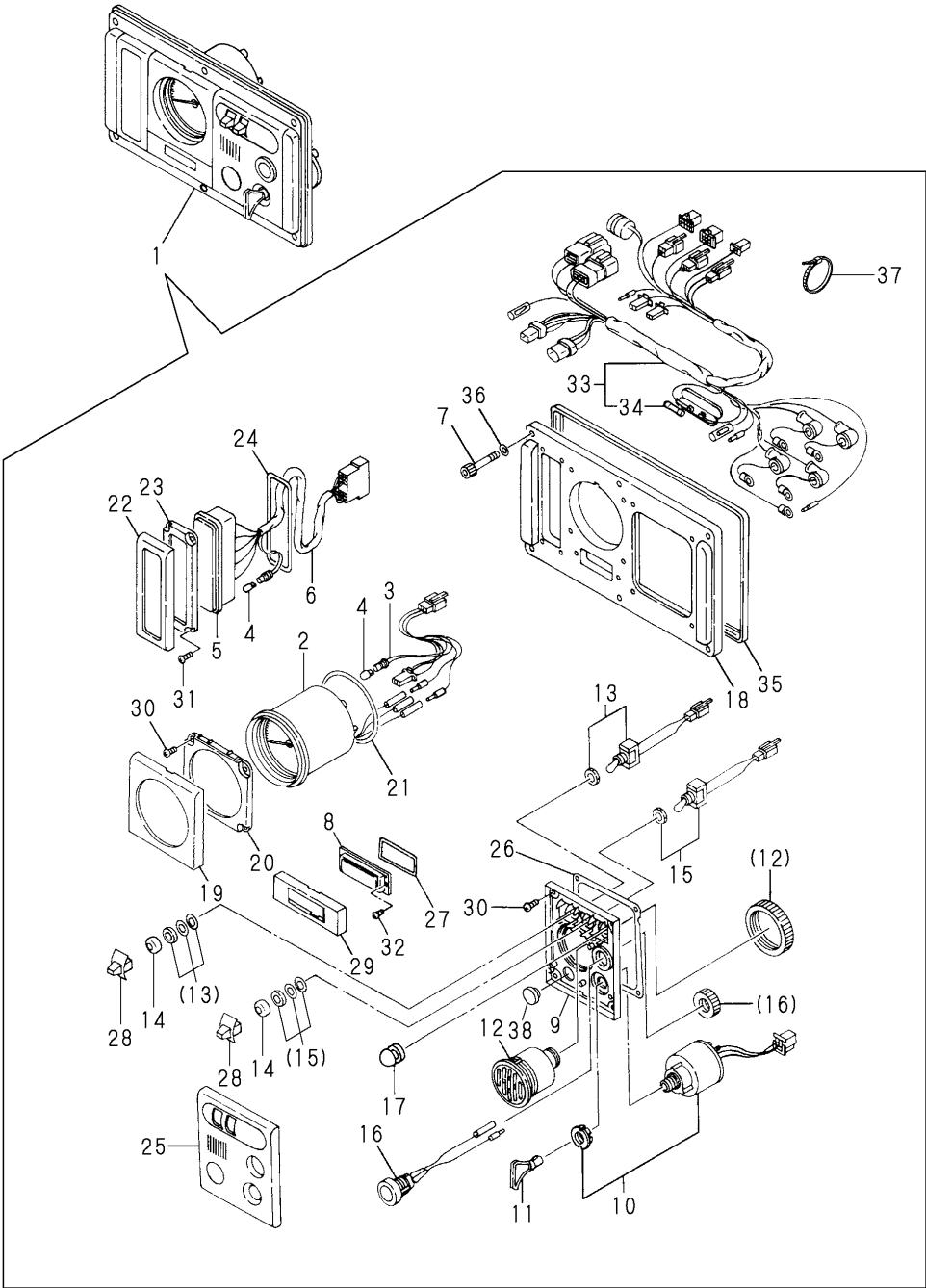


(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-91180	PANNEL ASSY				1	1			
2	2	127687-91210	LCD ASSY				1	1			
3	2	120147-91230	HOUR METER				1	1			
4	2	120147-91760	BULB				1	1			
5	2	127687-91240	CLOCK ASSY				1	1			
6	2	127687-91220	PILOT BOX ASSY				1	1			
7	2	127687-91800	GROMMET				1	1			
8	2	124617-91920	BULB				4	4			
9	2	127412-91250	SWITCH W/KEY				1	1			
10	3	123482-91291	KEY, SWITCH				2	2			
11	2	127687-91770	CAP				2	2			
12	2	46150-003610	BOX(WITH OUT FUSE				1	1			
13	2	127687-91790	SWITCH				1	1			
14	2	127687-91780	SWITCH				1	1			
15	2	46150-003620	FUSE				1	1			
16	2	127687-91250	GASKET				1	1			
17	2	127687-91840	COVER				1	1			
18	2	127687-91890	SCREW				2	2			
19	1	124617-91900	BUZZER				1	1			
20	1	127620-91580	WIRE				1	1			
21	1	129574-77860	HARNESS ADAPTER 12V				1	1			
22	1	119171-77701	HARNESS, WIRE(6M				1	1			
23	1	127610-77710	HARNESS, WIRE(3.8M)				1	1			

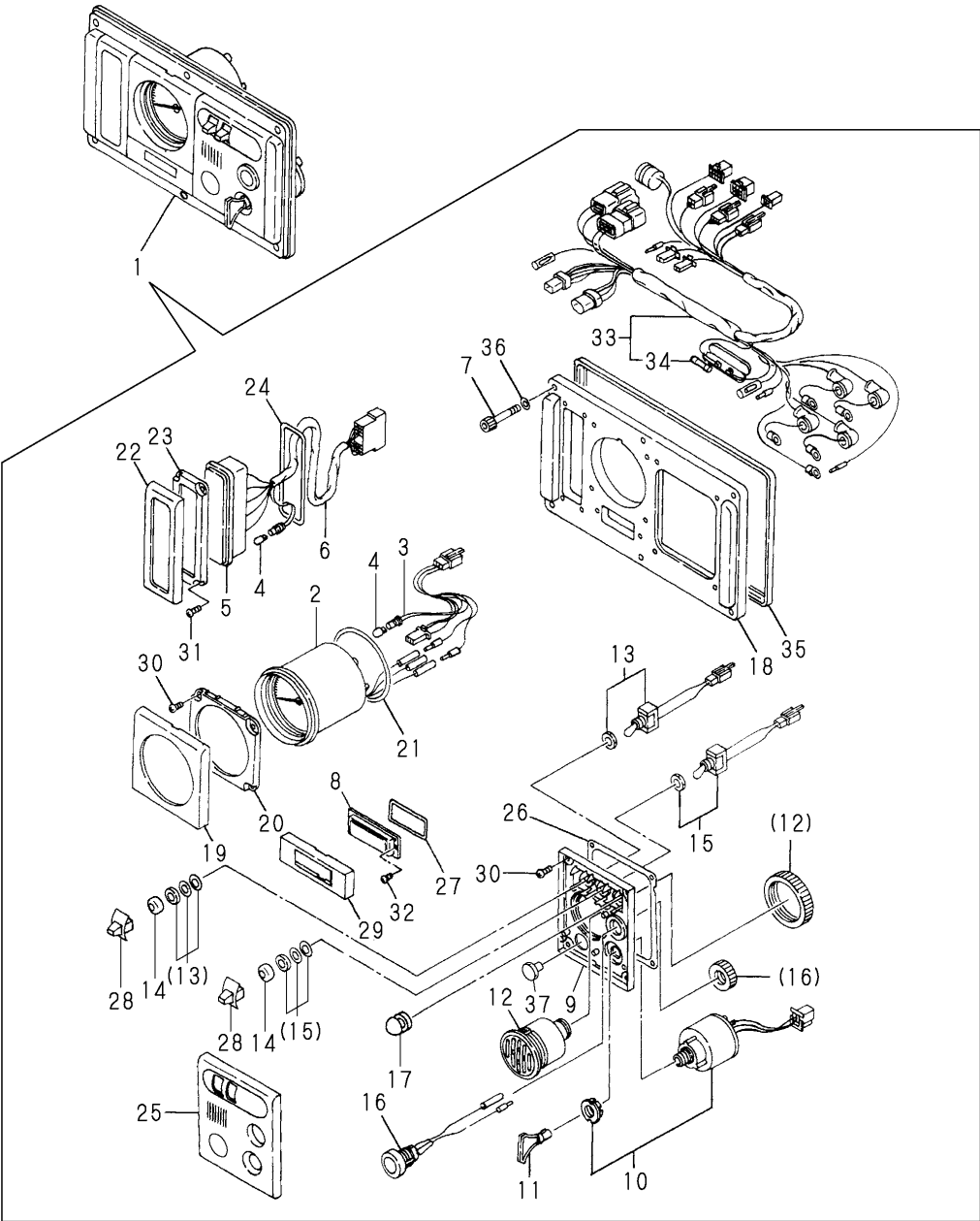
Fig.64. PANEL(B:NEW TYPE:4JH3E)



(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

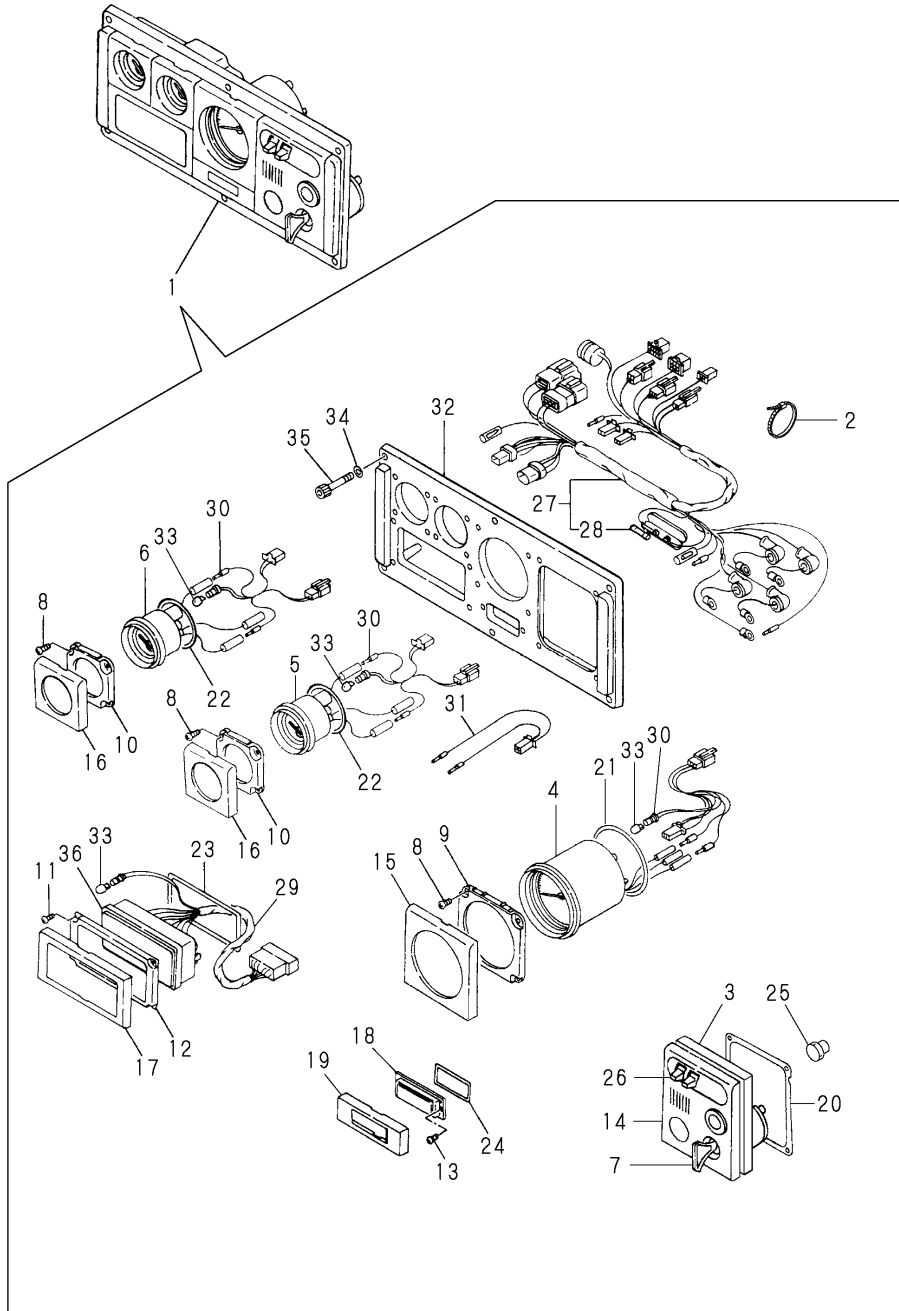
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129670-91130	PANEL ASSY,B NEW	1	1	1					
2	2	119773-91200	METER, TACHO./HOUR	1	1	1					
3	2	129574-91870	WIRE	1	1	1					
4	2	124617-91980	BULB	5	5	5					
5	2	128391-91260	BOX ASSY, LAMP	1	1	1					
6	2	128391-91860	WIRE	1	1	1					
7	2	127687-91870	BOLT 6X 35	6	6	6					
8	2	129170-91650	COVER	1	1	1					
9	2	129574-91410	BRACKET	1	1	1					
10	2	121575-91250	SWITCH W/KEY	1	1	1					
11	2	123482-91291	KEY, SWITCH	1	1	1					
12	2	104271-91352	BUZZER	1	1	1					
13	2	129170-91800	SWITCH	1	1	1					
14	2	129574-91780	CAP	2	2	2					
15	2	129574-91790	SWITCH	1	1	1					
16	2	129470-91190	STOPPER	1	1	1					
17	2	129170-91810	BLIND	1	1	1					
18	2	128391-91930	PANEL	1	1	1					
19	2	129574-91620	COVER	1	1	1					
20	2	129574-91420	BRACKET	1	1	1					
21	2	129574-91720	GASKET	1	1	1					
22	2	128391-91640	COVER	1	1	1					
23	2	128391-91440	PLATE	1	1	1					
24	2	128391-91740	GASKET	1	1	1					
25	2	129170-91610	COVER	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	COVER	1	1	1					
30	2	127692-91410	SCREW	8	8	8					
31	2	127692-91440	SCREW	4	4	4					
32	2	127692-91450	SCREW	2	2	2					
33	2	129570-91850	HARNESS,MAIN WIRE(B	1	1	1					
34	3	124617-91990	FUSE (3A)	1	1	1					
35	2	128391-91700	PACKING	1	1	1					
36	2	127687-91880	WASHER	6	6	6					
37	2	198451-78680	CLAMP,CORD	1	1	1					
38	2	129574-91760	BLIND	1	1	1					

Fig.65. PANEL(B:NEW TYPE:4JH3-TE)



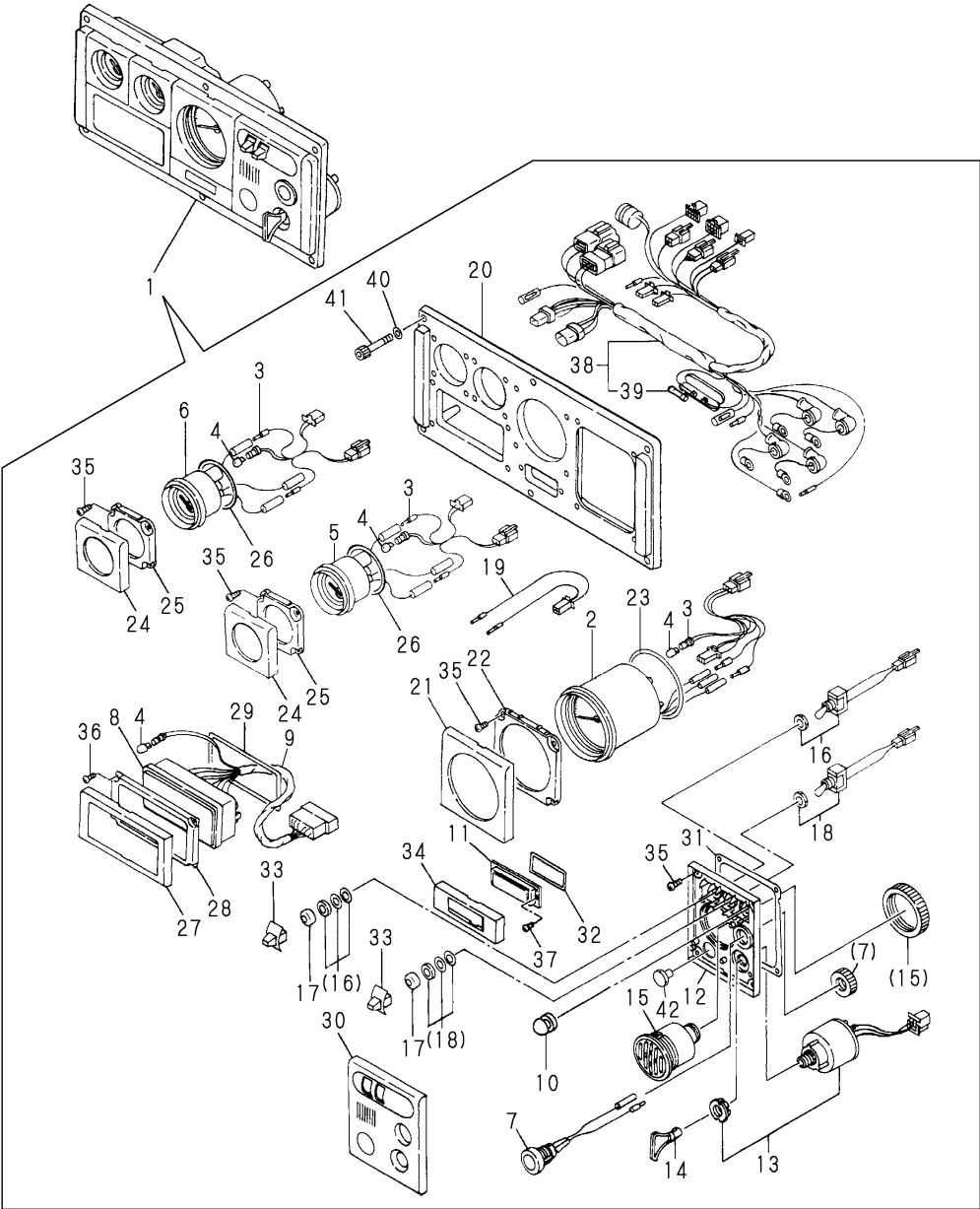
(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129574-91130	PANEL ASSY, INSTRUM				1	1			
2	2	129574-91200	METER, TACHO./HOUR				1	1			
3	2	129574-91870	WIRE				1	1			
4	2	124617-91980	BULB				5	5			
5	2	128391-91260	BOX ASSY, LAMP				1	1			
6	2	120130-91860	WIRE				1	1			
7	2	127687-91870	BOLT 6X 35				6	6			
8	2	129170-91650	COVER				1	1			
9	2	129574-91410	BRACKET				1	1			
10	2	121575-91250	SWITCH W/KEY				1	1			
11	2	123482-91291	KEY, SWITCH				1	1			
12	2	104271-91352	BUZZER				1	1			
13	2	129170-91800	SWITCH				1	1			
14	2	129574-91780	CAP				2	2			
15	2	129574-91790	SWITCH				1	1			
16	2	129470-91190	STOPPER				1	1			
17	2	129170-91810	BLIND				1	1			
18	2	128391-91930	PANEL				1	1			
19	2	129574-91620	COVER				1	1			
20	2	129574-91420	BRACKET				1	1			
21	2	129574-91720	GASKET				1	1			
22	2	128391-91640	COVER				1	1			
23	2	128391-91440	PLATE				1	1			
24	2	128391-91740	GASKET				1	1			
25	2	129170-91610	COVER				1	1			
26	2	129574-91710	GASKET				1	1			
27	2	129574-91750	GASKET				1	1			
28	2	129574-91770	KNOB				2	2			
29	2	129574-91650	COVER				1	1			
30	2	127692-91410	SCREW				8	8			
31	2	127692-91440	SCREW				4	4			
32	2	127692-91450	SCREW				2	2			
33	2	129570-91850	HARNESS,MAIN WIRE(B				1	1			
34	3	124617-91990	FUSE (3A)				1	1			
35	2	128391-91700	PACKING				1	1			
36	2	127687-91880	WASHER				6	6			
37	2	129574-91760	BLIND				1	1			



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	1	129670-91162 (A=E/#25626)	IMSTRUMENT PANEL (B=E/#25626) (C=E/#25626)	1	1	1				W	
	2	198451-78680	CLAMP,CORD	2	2	2					
	3	129470-91191	BOX ASSY,SW	1	1	1					
	4	119773-91200	METER, TACHO./HOUR	1	1	1					
	5	129574-91210	METER	1	1	1					
	6	129574-91222	METER	1	1	1					
	7	123482-91291	KEY, SWITCH	1	1	1					
	8	127692-91410	SCREW	16	16	16					
	9	129574-91420	BRACKET	1	1	1					
	10	129574-91430	BRACKET	2	2	2					
	11	127692-91440	SCREW	4	4	4					
	12	129574-91440	BRACKET	1	1	1					
	13	127692-91450	SCREW	2	2	2					
	14	129170-91610	COVER	1	1	1					
	15	129574-91620	COVER	1	1	1					
	16	129574-91630	COVER	2	2	2					
	17	129574-91640	COVER	1	1	1					
	18	129170-91650	COVER	1	1	1					
	19	129574-91650	COVER	1	1	1					
	20	129574-91710	GASKET	1	1	1					
	21	129574-91720	GASKET	1	1	1					
	22	129574-91730	GASKET	2	2	2					
	23	129574-91740	GASKET	1	1	1					
	24	129574-91750	GASKET	1	1	1					
	25	129574-91760	BLIND	1	1	1					
	26	129574-91770	KNOB	2	2	2					
	27	129170-91850	HARNESS, WIRE	1	1	1					
	28	124617-91990	FUSE (3A)	1	1	1					
	29	129170-91860	WIRE W/BULB	1	1	1					
	30	129574-91870	WIRE	3	3	3					
	31	129574-91890	WIRE	1	1	1					
	32	129170-91930	PANEL	1	1	1					
	33	124617-91980	BULB	7	7	7					
	34	127687-91880	WASHER	6	6	6					
	35	127687-91870	BOLT 6X 35	6	6	6					
	36	XYM0234016N	BOX ASSY, LAMP	1	1	1					

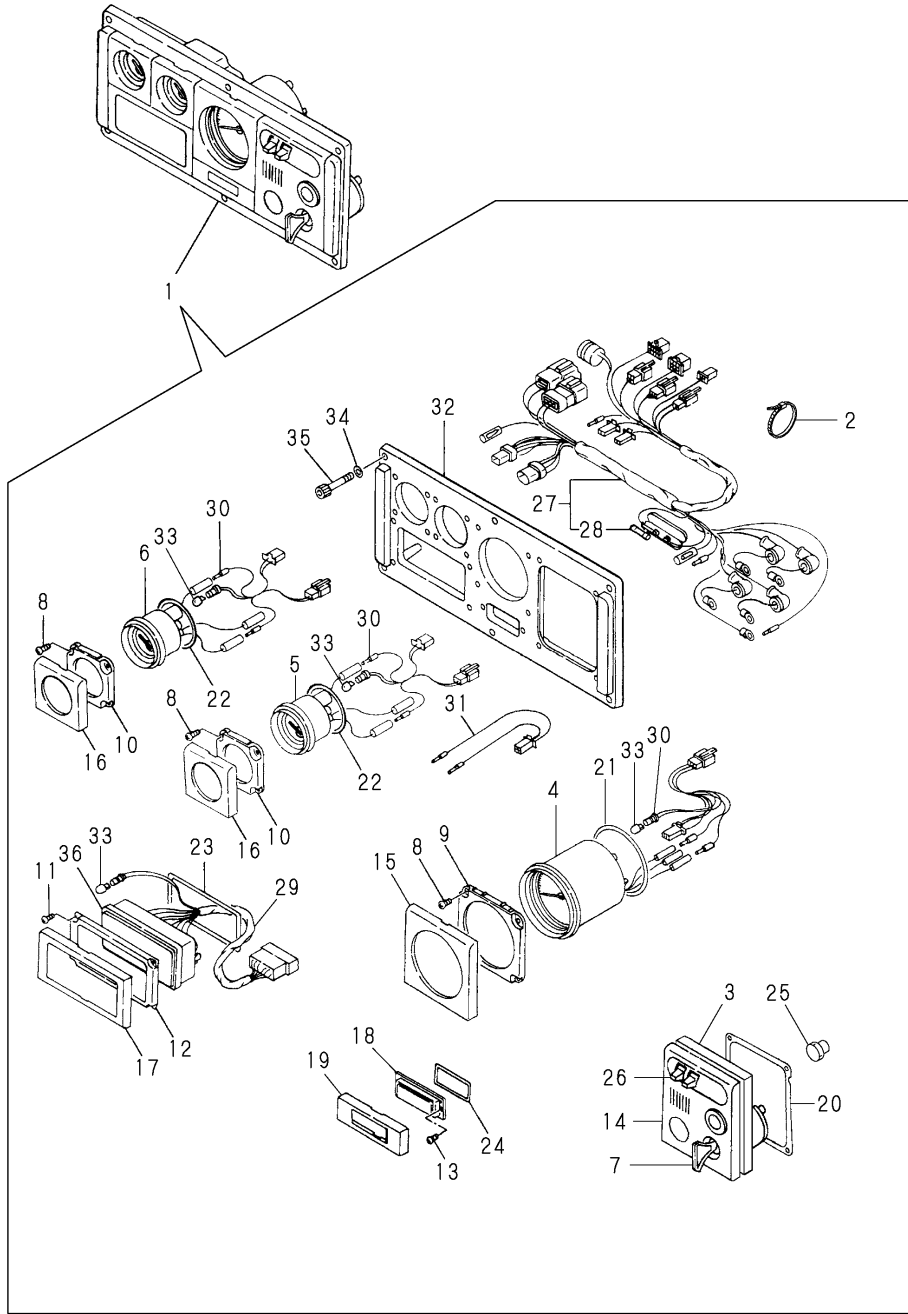
Fig.67. PANEL(C:NEW TYPE:PREVIOUS)



Remarks
(1)INTERCHANGEABILITY IS <N> WITH
FIG.68 REF.NO.1.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129574-91160	PANEL ASSY, INSTRUM				1				
I 1-1	1	129574-91161	PANEL ASSY,INSTRUM				1			S	
			(D=E/#10584)								
I 1-2	1	129574-91161	PANEL ASSY,INSTRUM				1	1		Z	1
			(D=E/#12753) (E=E/#12753)								
2	2	129574-91200	METER, TACHO./HOUR				1	1			
3	2	129574-91870	WIRE				3	3			
4	2	124617-91980	BULB				8	8			
5	2	129574-91210	METER				1	1			
6	2	129574-91220	METER				1				
I 6-1	2	129574-91221	METER				1	1		S	
			(D=E/#10584)								
7	2	129470-91190	STOPPER				1	1			
8	2	129170-91260	BOX ASSY, LAMP				1	1			
9	2	129170-91860	WIRE W/BULB				1	1			
10	2	129170-91810	BLIND				1	1			
11	2	129170-91650	COVER				1	1			
12	2	129574-91410	BRACKET				1	1			
13	2	121575-91250	SWITCH W/KEY				1	1			
14	2	123482-91291	KEY, SWITCH				1	1			
15	2	104271-91352	BUZZER				1	1			
16	2	129170-91800	SWITCH				1	1			
17	2	129574-91780	CAP				2	2			
18	2	129574-91790	SWITCH				1	1			
19	2	129574-91890	WIRE				1	1			
20	2	129170-91930	PANEL				1	1			
21	2	129574-91620	COVER				1	1			
22	2	129574-91420	BRACKET				1	1			
23	2	129574-91720	GASKET				1	1			
24	2	129574-91630	COVER				2	2			
25	2	129574-91430	BRACKET				2	2			
26	2	129574-91730	GASKET				2	2			
27	2	129574-91640	COVER				1	1			
28	2	129574-91440	BRACKET				1	1			
29	2	129574-91740	GASKET				1	1			
30	2	129170-91610	COVER				1	1			
31	2	129574-91710	GASKET				1	1			
32	2	129574-91750	GASKET				1	1			
33	2	129574-91770	KNOB				2	2			
34	2	129574-91650	COVER				1	1			
35	2	127692-91410	SCREW				16	16			
36	2	127692-91440	SCREW				4	4			
37	2	127692-91450	SCREW				2	2			
38	2	129170-91850	HARNESS, WIRE				1	1			
39	3	124617-91990	FUSE (3A)				1	1			
40	2	127687-91880	WASHER				6	6			
41	2	127687-91870	BOLT 6X 35				6	6			
42	2	129574-91760	BLIND				1	1			

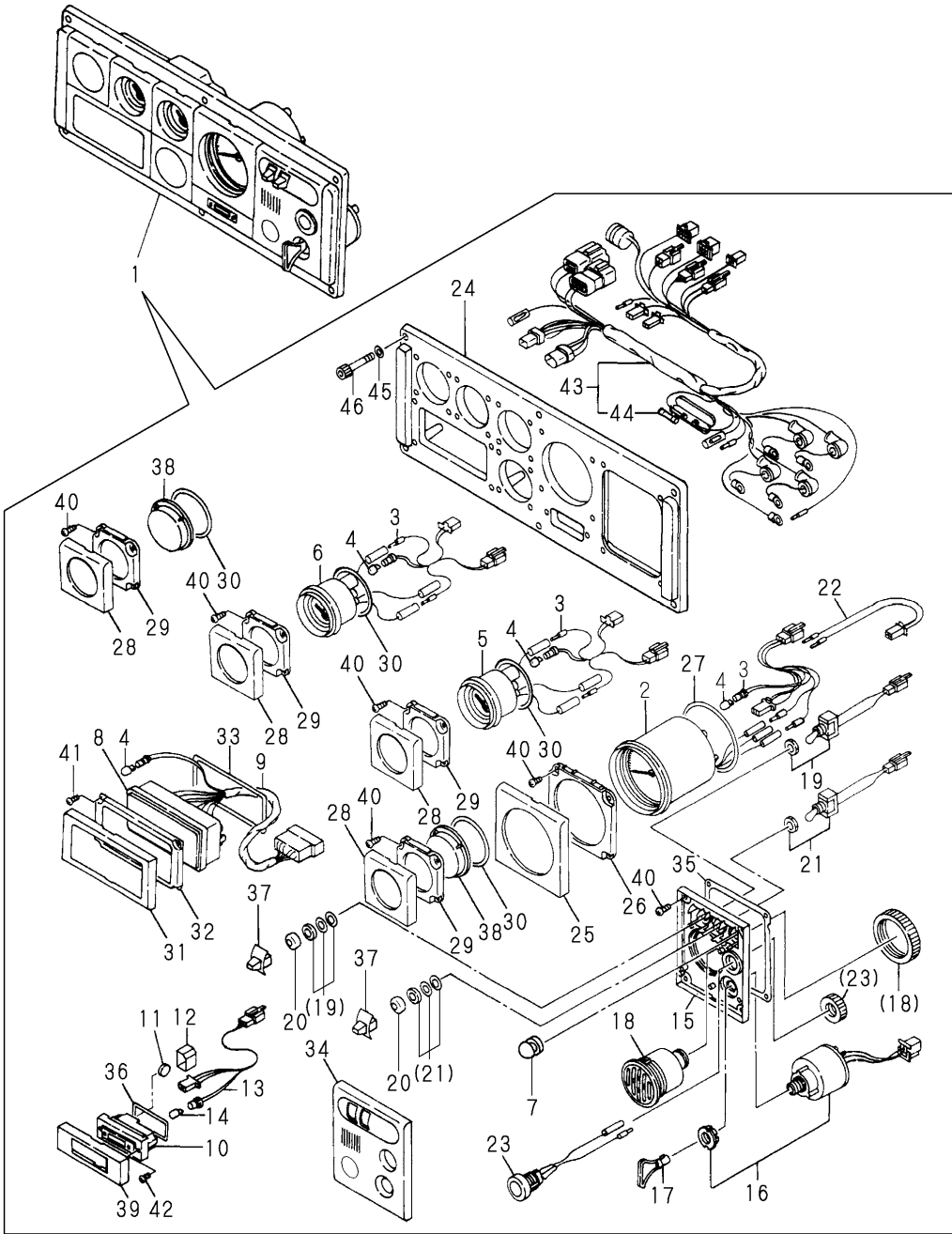
Fig.68. PANEL(C:NEW TYPE:4JH3-TE)



(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	1	1	129574-91162	PANEL ASSY, INSTRUM			1	1			W
	2	2	198451-78680	CLAMP, CORD	(D=E/#12753)	(E=E/#12753)	2	2			
	3	2	129470-91191	BOX ASSY, SW			1	1			
	4	2	129574-91200	METER, TACHO./HOUR			1	1			
	5	2	129574-91210	METER			1	1			
	6	2	129574-91222	METER			1	1			
	7	2	123482-91291	KEY, SWITCH			1	1			
	8	2	127692-91410	SCREW			16	16			
	9	2	129574-91420	BRACKET			1	1			
	10	2	129574-91430	BRACKET			2	2			
	11	2	127692-91440	SCREW			4	4			
	12	2	129574-91440	BRACKET			1	1			
	13	2	127692-91450	SCREW			2	2			
	14	2	129170-91610	COVER			1	1			
	15	2	129574-91620	COVER			1	1			
	16	2	129574-91630	COVER			2	2			
	17	2	129574-91640	COVER			1	1			
	18	2	129170-91650	COVER			1	1			
	19	2	129574-91650	COVER			1	1			
	20	2	129574-91710	GASKET			1	1			
	21	2	129574-91720	GASKET			1	1			
	22	2	129574-91730	GASKET			2	2			
	23	2	129574-91740	GASKET			1	1			
	24	2	129574-91750	GASKET			1	1			
	25	2	129574-91760	BLIND			1	1			
	26	2	129574-91770	KNOB			2	2			
	27	2	129170-91850	HARNESS, WIRE			1	1			
	28	3	124617-91990	FUSE (3A)			1	1			
	29	2	129170-91860	WIRE W/BULB			1	1			
	30	2	129574-91870	WIRE			1	1			
	31	2	129170-91890	WIRE			1	1			
	32	2	129170-91930	PANEL			1	1			
	33	2	124617-91980	BULB			7	7			
	34	2	127687-91880	WASHER			6	6			
	35	2	127687-91870	BOLT 6X 35			6	6			
	36	2	XYM0234001N	BOX ASSY, LAMP			1	1			

Fig.69. PANEL(D:NEW TYPE:4JH3-TE)



OCR10-G46701 69. PANEL(D:NEW TYPE:4JH3-TE)

(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129574-91190	PANEL ASSY, INSTRUM				1	1			
2	2	129574-91200	METER, TACHO./HOUR				1	1			
3	2	129574-91870	WIRE				3	3			
4	2	124617-91980	BULB				8	8			
5	2	129574-91210	METER				1	1			
6	2	129574-91220	METER				1	1			
7	2	129170-91810	BLIND				1	1			
8	2	129574-91260	BOX ASSY, LAMP				1	1			
9	2	129574-91860	WIRE W/BULB				1	1			
10	2	129574-91240	CLOCK				1	1			
11	2	127620-91250	CELL				1	1			
12	2	129574-91490	HOLDER				1	1			
13	2	129574-91880	WIRE W/BULB				1	1			
14	2	120147-91760	BULB				1	1			
15	2	129574-91410	BRACKET				1	1			
16	2	121575-91250	SWITCH W/KEY				1	1			
17	2	123482-91291	KEY, SWITCH				1	1			
18	2	104271-91352	BUZZER				1	1			
19	2	129170-91800	SWITCH				1	1			
20	2	129574-91780	CAP				2	2			
21	2	129574-91790	SWITCH				1	1			
22	2	129574-91890	WIRE				1	1			
23	2	129470-91190	STOPPER				1	1			
24	2	129574-91930	PANEL				1	1			
25	2	129574-91620	COVER				1	1			
26	2	129574-91420	BRACKET				1	1			
27	2	129574-91720	GASKET				1	1			
28	2	129574-91630	COVER				4	4			
29	2	129574-91430	BRACKET				4	4			
30	2	129574-91730	GASKET				4	4			
31	2	129574-91640	COVER				1	1			
32	2	129574-91440	BRACKET				1	1			
33	2	129574-91740	GASKET				1	1			
34	2	129170-91610	COVER				1	1			
35	2	129574-91710	GASKET				1	1			
36	2	129574-91750	GASKET				1	1			
37	2	129574-91770	KNOB				2	2			
38	2	129574-91600	BLIND				2	2			
39	2	129574-91650	COVER				1	1			
40	2	127692-91410	SCREW				24	24			
41	2	127692-91440	SCREW				4	4			
42	2	127692-91450	SCREW				2	2			
43	2	129574-91850	HARNESS,MAIN WIRE				1	1			
44	3	124617-91990	FUSE (3A)				1	1			
45	2	127687-91880	WASHER				6	6			
46	2	127687-91870	BOLT 6X 35				6	6			

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY					I	R
				(A)	(B)	(C)	(D)	(E)		
I	1	1	129270-81020	MARINE GEAR,KM3P4	1					
	1-1	1	129270-81021	MARINE GEAR,KM3P4	1					N
(A=E/#20522)										
I	1-2	1	129270-81120	CLUTCH, KM35P I=2.61	1					S
	2	1	129171-81010	CLUTCH ASSY(I=2.33)	1					
I	2-1	1	129270-81070	MARINE GEAR KM3A1	1					N
	(A=E/#20522)									
I	2-2	1	129270-81170	CLUTCH, KM35A I=2.33	1					S
	(A=E/#25682)									
I	3	1	129171-81020	CLUTCH ASSY(I=2.64)	1					
	3-1	1	129270-81080	MARINE GEAR KM3A1	1					N
(A=E/#20522)										
I	3-2	1	129270-81180	CLUTCH, KM35A I=2.64	1					S
	(A=E/#25682)									
I	4	1	129270-81010	MARINE GEAR,KM3P4	1					
	4-1	1	129270-81011	MARINE GEAR,KM3P4	1					N
(A=E/#20522)										
I	4-2	1	129270-81110	CLUTCH, KM35P I=2.36	1					S
	(A=E/#25682)									
I	5	1	129670-81010	CLUTCH, KBW20 I=2.17	1					Z
	(A=E/#25682)									
I	6	1	129670-81020	CLUTCH, KBW20 I=2.62	1					Z
	(A=E/#25682)									
I	7	1	129670-81030	CLUTCH, KBW20 I=3.28	1					Z
	(A=E/#25682)									
I	8	1	129670-81040	CLUTCH, KM4A1 I=1.47	1					Z
	(A=E/#25682)									
I	9	1	129670-81050	CLUTCH, KM4A1 I=2.14	1					Z
	(A=E/#25682)									
I	10	1	129670-81060	CLUTCH, KM4A1 I=2.63	1					Z
	(A=E/#25682)									
I	11	1	129670-81070	CLUTCH, KM4A1 I=3.30	1					Z
	(A=E/#25682)									
I	12	1	128170-13600	STUD	2					
	13	1	26106-080202	BOLT M 8X 20 PLATED	6					
I	14	1	26306-080002	NUT	2					
	15	1	129670-01630	SPACER,CLUTCH	1					Z
(A=E/#25682)										
I	16	1	129670-21700	SPACER,FLYWHEEL	1					Z
	(A=E/#25682)									
I	17	1	129670-21710	SPACER,FAN	1					Z
	(A=E/#25682)									
I	18	1	22217-080000	SPRING WASHER 8	1					Z
	(A=E/#25682)									
I	19	1	26013-080402	BOLT M 8X 40	1					Z
	(A=E/#25682)									
I	20	1	26106-080402	BOLT M 8X 40 PLATED	1					Z
	(A=E/#25682)									
I	21	1	26450-080182	BOLT M 8X 18	1					Z
	(A=E/#25682)									

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Qty Change
 ++ CONTINUE ++
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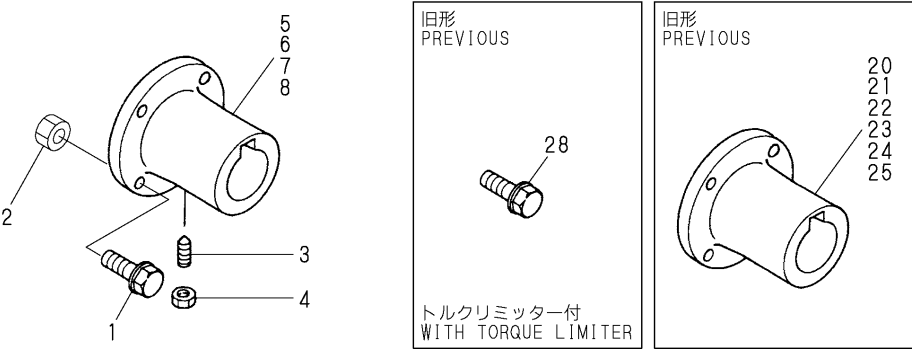
Remarks
THIS FIGURE ARE NOT ILLUSTRATED.

				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1		(D)=4JH3-TE (E)=4JH3-TCE (F)=		Q'TY				I	R
REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)				
I 22	1	129473-81001	CLUTCH ASSY. I=1.47				1					W	
			(D=E/#10055)										
23	1	129473-81012	CLUTCH ASSY. I=2.14				1						
24	1	129473-81022	CLUTCH ASSY. I=2.63				1						
I 25	1	129473-81032	CLUTCH ASSY. I=3.30				1					W	
			(D=E/#10055)										
26	1	129673-81010	MARINE GEAR I=2.04				1						
27	1	129673-81020	MARINE GEAR I=2.45				1						
28	1	129474-81011	CULTCH ASSY I=2.17				1						
29	1	129474-81021	CLUTCH CMP				1						
30	1	26106-100302	BOLT M10X 30 PLATED				8						
31	1	26226-100222	STUD M10X 22 PLATED				2						
32	1	26716-100002	NUT 10				2						

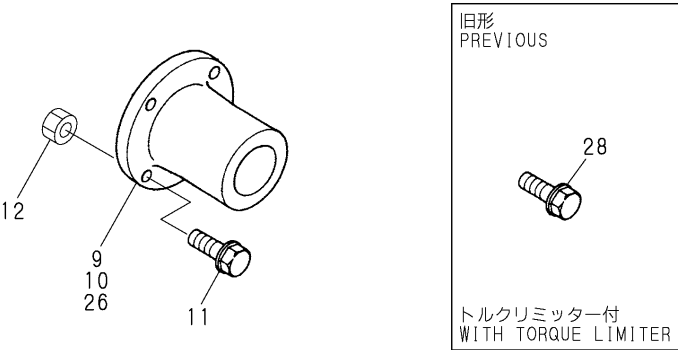
Remarks
THIS FIGURE ARE NOT ILLUSTRATED.

Fig.71. CUPRING

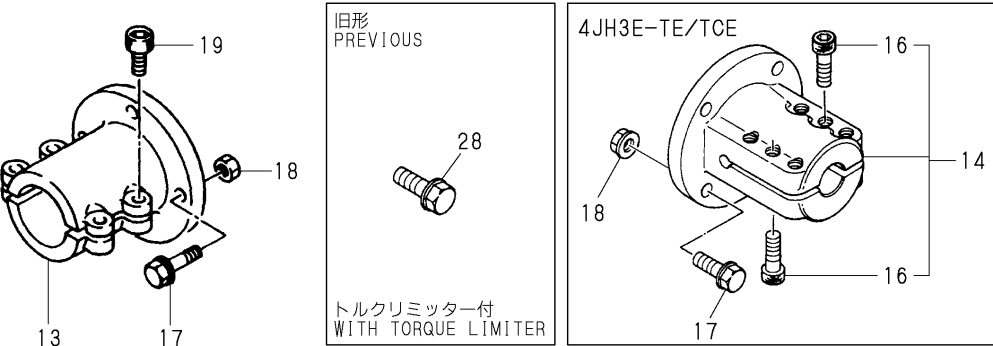
テーパカップリング
TAPER COUPLING



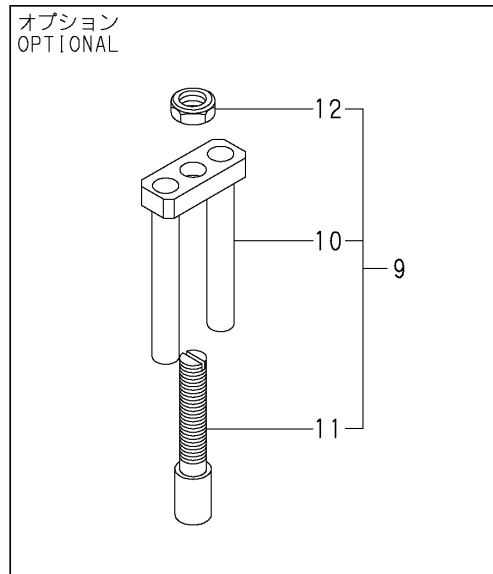
ストレートカップリング
STRAIGHT COUPLING



スリットカップリング
SLIT COUPLING



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26106-100322	BOLT M10X 32 PLATED	4	4	4	4	4			
2	1	26706-100002	NUT M10	4	4	4	4	4			
3	1	26756-080002	LOCK NUT M 8 PLATED	1	1	1	1	1			
4	1	48110-032411	SCREW	1	1	1	1	1			
5	1	129670-85900	COUPLING,TAPER 34	1	1	1					
6	1	48110-034071	COUPLING 34				1	1			
7	1	48110-028063	COUPLING 28, TAPER	1	1	1					
8	1	129473-85900	COUPLING				1	1			
9	1	105583-85900	COUPLING 22	1	1	1					
10	1	129470-85900	COUPLING				1	1			
11	1	26106-100322	BOLT M10X 32 PLATED	4	4	4	4	4			
12	1	26706-100002	NUT M10	4	4	4	4	4			
13	1	104214-83980	COUPLING (20), SLIT	1	1	1					
14	1	129470-83750	COUPLING				1	1			
16	2	26450-120402	BOLT M12X 40				6	6			
17	1	26106-100322	BOLT M10X 32 PLATED	4	4	4	4	4			
18	1	26706-100002	NUT M10	4	4	4	4	4			
19	1	26450-080282	BOLT M 8X 28	4	4	4					
I 20	1	129670-85910	COUPLING,TAPER 25	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
I 21	1	48110-028071	COUPLING,TAPER 28	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
I 22	1	48110-030061	COUPLING	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
I 23	1	48110-032065	COUPLING 32	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
I 24	1	48110-034071	COUPLING 34	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
I 25	1	129473-85900	COUPLING	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
I 26	1	129470-85900	COUPLING	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
I 27	1	129470-83750	COUPLING	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
I 28	1	26106-100252	BOLT M10X 25 PLATED	4	4	4					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											



0CR10-G46701 72. TOOL

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129270-92100	TOOL BOX SET	1	1	1					
3	2	129270-92650	DRIVER	1	1	1					
4	2	129270-92690	SPANNER SET	1	1	1					
5	3	129270-92610	SPANNER 10X13	1	1	1					
6	3	129270-92620	SPANNER 12X14	1	1	1					
7	3	129270-92630	SPANNER 17X19	1	1	1					
8	3	129270-92640	SPANNER 22X24	1	1	1					
9	1	129470-92300	TOOL ASSY.	1	1	1					
10	2	129470-92310	RETAINER(A,F.I.VALVE	1	1	1					
11	2	129470-92320	RETAINER(B,F.I.VALVE	1	1	1					
12	2	26716-120002	NUT 12	1	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.

PARTS No. INDEX

PARTS No.	Fig.	Ref.No.
101304-59020	41	8
		16
104200-59170	41	11
104214-39720	9	17
104214-83980	71	13
104271-49060	22	10
104271-91351	57	2
104271-91352	56	3
	64	12
	65	12
	67	15
	69	18
104407-44480	15	34
	28	3
	31	13
105311-67200	45	2
105430-55041	43	8
105583-85900	71	9
114250-53080	39	5
		19
114250-53120	39	9
		23
114250-53130	39	10
		24
114250-53140	39	11
		25
114250-53210	39	12
		26
114250-53400	39	13
		27
114371-79070	46	23
119000-59550	41	21
119129-77250	50	14
	52	14
119129-77260	50	15
	52	15
119129-77320	50	3
	52	3
119129-77890	50	20
	52	21
119129-77900	50	21
	52	22
119129-77930	50	19
	52	19
119129-77940	53	12
119171-14400	17	7 A
119171-59200	36	6
119171-59910	42	14
119171-67200	36	4
119171-77701	57	20

PARTS No.	Fig.	Ref.No.
119171-77701	60	36
	62	41
	63	22
119171-91180	63	1
119173-55700	41	4
	42	2
119174-25060	17	21
119175-42620	26	8 -1
119309-01810	1	25 -1
	2	8 -1
119573-77200	53	1
119573-77201	50	1
	52	1
119573-77250	50	31
119573-77260	50	32
119573-77270	50	33
119575-77060	14	25
119575-77071	14	26
119575-77510	54	13 -1
119593-59580	41	23 -1
	42	21
119593-59590	42	18
119600-66840	37	55
119620-49290	28	16 -1
119625-11870	11	28
		28 -2
	12	28
		28 -2
119625-11872	11	28 -1
	12	28 -1
119625-11880	11	26
	12	30
119625-11900	11	27
	12	29
119773-91200	64	2
	66	4
119773-91500	54	21 -1
119773-91501	54	21 -2
119773-91520	55	21 -1
119773-91850	44	24 -1
	54	24 -1
119802-11280	11	40 -1
	12	44 -1
119865-21600	18	10
119867-66910	44	5
120130-11860	11	24
	12	26
120130-49350	28	16
120130-91370	54	10
120130-91860	65	6

PARTS No.	Fig.	Ref.No.
120147-91230	63	3
120147-91760	63	4
	69	14
120149-08431	6	17
120149-08441	7	10
120270-77101	54	18
120322-33050	28	12
120325-61100	37	95 -1
120445-44640	28	15
121023-01550	3	22
121111-21501	18	7
121252-39150	23	12
121400-11340	11	22
	12	20
121450-01560	3	3
	36	1
121550-23200	19	12
	20	12
121574-86320	45	7
121575-91250	58	8
	59	8
	60	3
	61	2
	62	35
	64	10
	65	10
	67	13
	69	16
121750-59890	13	16
	41	12
	44	11
		18
121850-01910	13	34
121850-11860	12	10 -1
121850-21130	18	11
121850-35200	25	12
121850-35520	25	14
121850-35531	25	15
121850-51960	3	9
	36	17
121857-55750	42	7
121857-55760	42	8
121870-59930	40	20
122117-51560	35	45
122710-51050	35	6
122710-51090	35	9
122780-59100	40	1
		25
		25 -1
123310-77640	46	47

PARTS No.	Fig.	Ref.No.
123310-77640	47	62
123325-49421	15	28
	22	15
	28	39
123325-77920	47	65
123325-77930	47	66
123372-59100	40	2
123482-01900	14	20
123482-39670	54	20
	55	20
123482-91291	57	5
	60	4
	61	3
	62	36
	63	10
	64	11
	65	11
	66	7
	67	14
	68	7
	69	17
123682-07851	10	4
123682-07852	10	4 -1
123900-77700	49	2
123900-77730	49	5
124060-39451	54	8
124060-39452	54	8 -1
124066-59100	41	17
124070-59060	43	1
124070-59130	43	2
124070-77950	54	4
	55	5
124080-77390	50	10
	52	10
124080-77490	48	3
124080-77520	50	12
	52	12
124085-11690	27	5
124160-01751	3	4
	13	2
		18
124160-01910	1	4
		5
	2	4
		43
124160-11360	13	11
		27
124160-39140	21	14
124160-49480	28	4
		19

PARTS No. INDEX

PARTS No.	Fig.	Ref.No.
124195-77770	46	22
		45
	47	60
124223-35510	25	13
124240-01871	26	25
124298-77020	46	2
124411-91010	57	16
124411-91180	62	1
124411-91190	57	1
124411-91191	57	1 -1
124413-39100	24	30
	25	23
124413-39710	23	17
124450-39240	21	15
124460-11340	11	23
	12	21
124460-77680	1	32
	2	29
	15	4
	29	8
	30	6
124550-21600	18	10 A
124550-51350	35	31
124550-51370	35	32
124550-59820	21	20
124550-66370	37	54
124550-77030	46	49
	47	64
124616-91370	14	29
124617-91810	62	27
124617-91820	62	21
124617-91830	62	11
124617-91840	58	7
	59	7
	60	23
	61	23
	62	14
124617-91850	44	24
	54	24
124617-91900	60	44
	61	35
	62	46
	63	19
124617-91910	62	12
124617-91920	56	7
	58	14
	59	14
	60	21
	61	21
	62	13

PARTS No.	Fig.	Ref.No.
124617-91920	62	16
		20
	63	8
124617-91930	62	15
124617-91940	62	38
124617-91950	62	19
124617-91970	62	28
124617-91980	60	25
	62	29
	64	4
	65	4
	66	33
	67	4
	68	33
	69	4
124617-91990	60	11
	61	10
	62	31
	64	34
	65	34
	66	28
	67	39
	68	28
	69	44
124722-59050	42	17
124770-77940	54	3
	55	4
124790-44560	28	30
124950-51190	35	16
126630-91560	55	21
126630-91570	55	22
126630-91591	55	12
127410-91510	60	13
	61	13
127410-91520	60	14
	61	14
127410-91530	60	15
	61	15
127410-91550	60	17
	61	17
127410-91560	60	19
	61	19
127410-91570	60	20
	61	20
127410-91580	60	16
		22
	61	16
		22
127410-91590	60	2
		24

PARTS No.	Fig.	Ref.No.
127410-91590	61	11
		24
127410-91600	58	4
	59	4
	60	26
	61	26
127410-91610	59	13
	60	27
	61	27
127410-91620	58	5
	59	5
	60	28
	61	28
127410-91630	60	29
	61	29
127410-91680	60	39
	61	40
127412-91250	56	6
	57	4
	63	9
127420-44560	31	8
127610-03270	29	1
127610-77710	57	19
	60	35
	62	42
	63	23
127620-91240	62	22
127620-91250	62	23
	69	11
127620-91410	62	6
127620-91500	60	37
	61	38
	62	43
127620-91510	60	38
	61	39
	62	44
127620-91550	60	41
	61	33
127620-91560	60	40
	61	41
127620-91570	60	42
	61	34
127620-91580	60	43
	61	37
	62	45
	63	20
127620-91600	62	7
127620-91610	62	8
127620-91620	62	9
127620-91630	62	5

PARTS No.	Fig.	Ref.No.
127620-91630	62	10
127620-91690	62	17
127620-91720	62	24
127620-91730	62	25
127620-91740	62	26
127620-91780	60	31
	61	31
	62	33
127620-91790	60	30
	62	32
127620-91810	62	34
127620-91820	57	8
	60	5
	61	4
	62	37
127620-91830	60	7
	61	6
	62	39
127620-91860	62	2
127620-91870	62	3
127620-91930	62	4
127687-91210	63	2
127687-91220	63	6
127687-91240	63	5
127687-91250	63	16
127687-91770	63	11
127687-91780	63	14
127687-91790	58	9
	59	9
	61	30
	63	13
127687-91800	63	7
127687-91840	63	17
127687-91870	64	7
	65	7
	66	35
	67	41
	68	35
	69	46
127687-91880	64	36
	65	36
	66	34
	67	40
	68	34
	69	45
127687-91890	63	18
127692-61550	37	77
127692-91410	64	30
	65	30
	66	8

PARTS No. INDEX

PARTS No.	Fig.	Ref.No.
127692-91410	67	35
	68	8
	69	40
127692-91440	64	31
	65	31
	66	11
	67	36
	68	11
	69	41
127692-91450	64	32
	65	32
	66	13
	67	37
	68	13
	69	42
128170-13600	15	31
	28	27
	70	12
128170-34800	8	18
128170-86500	44	51
	45	12
128170-86501	44	51 -1
	45	12 -1
128170-91020	57	9
128170-91031	57	10
128170-91160	54	9
	55	10
128170-91310	56	4
	57	3
128170-91810	56	9
	57	12
128170-91820	56	10
	57	13
128170-91830	57	14
128171-07150	10	1
128270-91350	58	10
	59	10
128271-77200	49	1
128271-77720	49	4
128271-77740	49	6
128271-77750	49	7
128296-07190	10	6
128296-07260	10	2
128296-07300	10	16
128296-07350	10	3
128296-07400	10	7
128296-07420	10	8
128296-07450	10	9
128296-07460	10	10
128370-86280	44	59

PARTS No.	Fig.	Ref.No.
128370-86280	45	17
128371-01800	1	38
	2	28
128391-77720	54	27
128391-91260	64	5
	65	5
128391-91440	64	23
	65	23
128391-91640	64	22
	65	22
128391-91700	64	35
	65	35
128391-91740	64	24
	65	24
128391-91860	64	6
128391-91930	64	18
	65	18
128397-44500	28	28
128397-44510	28	29
128695-44090	15	2
	29	2
	30	1
	31	1
128696-91100	57	15
	62	18
129001-01250	1	12 -1
	2	9 -1
129001-02800	1	16
129002-22510	19	3
129002-22950	19	18
129052-42050	27	3 -1
129052-42310	27	4 -1
129054-42320	27	2 -1
129100-01520	3	2
129100-01580	1	23
	5	1
		5
	18	2
129100-01640	5	6
129100-11100	11	17
129100-11110	11	18
129100-23910	19	15
129100-25061	17	9
129100-35140	24	24
	25	8
129100-51570	35	45 -1
129100-53100	39	6
		20
129100-59951	41	24
129100-61400	37	16

PARTS No.	Fig.	Ref.No.
129100-61730	37	92
129100-61930	37	83
		93
129100-77500	14	15
129100-77510	14	16
129107-44590	28	26
129120-11100	12	15
129120-11110	12	16
129131-61500	37	30
129150-01200	1	36
	2	40
129150-01870	3	6
	4	7
129150-01881	3	7
	4	8
	26	22
129150-02020	1	7
	2	14
129150-02450	17	2
129150-02800	2	17
129150-02870	1	26
	2	34
129150-02930	1	19
	2	20
129150-02940	1	29
	2	37
129150-03020	13	3
		19
129150-03070	13	4
		20
129150-03080	13	5
		21
129150-11230	11	37
	12	42
129150-11280	11	32
	12	39
129150-11370	11	14
	12	22
129150-11750	11	39
	12	43
129150-11810	11	25
	12	27
129150-14101	17	4
129150-14200	17	6
129150-14400	17	7
129150-21200	18	4
129150-23600	19	13
129150-23610	19	22
	20	15
129150-25020	17	15

PARTS No.	Fig.	Ref.No.
129150-25052	17	16
129150-25101	17	10
129150-25920	17	13
129150-32020	24	14
	25	3
129150-35041	24	16
129150-35151	24	27
	25	6
129150-42020	27	18
129150-42300	27	6
129150-42320	27	2
129150-59580	41	23
129155-11260	11	30
	12	37
129155-11270	11	31
	12	38
129155-51020	35	4
129155-51140	35	13
129155-51180	35	15
129155-51200	35	17
129155-51270	35	24
129155-51280	35	25
	37	2
129155-51380	35	34
129155-51390	35	35
129155-51410	35	37
129155-51420	35	38
129155-51450	35	39
129155-51521	35	41
129155-51530	35	42
129155-51540	35	43
129155-51550	35	44
129155-51570	35	47
129155-51580	35	48
129155-51591	35	49
129155-51600	35	50
129155-51790	35	65
129155-52050	38	2
129155-61060	37	5
129155-61070	37	6
129155-61071	37	6 -1
129155-61120	37	7
129155-61130	37	8
129155-61140	37	9
129155-61180	37	10
129155-61341	37	15
129155-61430	37	19
129155-61450	37	24
129155-61460	37	25
129155-61470	37	86

PARTS No. INDEX

PARTS No.	Fig.	Ref.No.
129155-61490	37	28
129155-61540	37	75
129155-61810	37	44
129155-61830	37	46
129156-44760	27	20
129156-51910	35	56
129158-52000	35	66
	38	1
129158-52100	38	3
129170-49060	29	23
129170-91260	67	8
129170-91610	64	25
	65	25
	66	14
	67	30
	68	14
	69	34
129170-91650	64	8
	65	8
	66	18
	67	11
	68	18
129170-91800	64	13
	65	13
	67	16
	69	19
129170-91810	64	17
	65	17
	67	10
	69	7
129170-91850	66	27
	67	38
	68	27
129170-91860	66	29
	67	9
	68	29
129170-91890	68	31
129170-91930	66	32
	67	20
	68	32
129171-03090	13	13
129171-44600	28	25 -1
129171-49900	29	18
	30	20
129171-81010	70	2
129171-81020	70	3
129171-91171	58	1
129171-91172	58	1 -1
		1 -2
129171-91173	59	1

PARTS No.	Fig.	Ref.No.
129171-91174	59	1 -1
129171-91200	58	6
	59	6
129171-91600	58	3
	59	3
129171-91850	56	8
129171-91880	58	13
	61	5
129190-51590	35	49 -1
129202-22300	19	7
129270-39620	54	11 -1
129270-44490	22	9
		9 -1
	28	14
		14 -1
129270-59550	41	21 -3
	42	19 -2
129270-59580	41	23 -2
	42	21 -1
129270-81010	70	4
129270-81011	70	4 -1
129270-81020	70	1
129270-81021	70	1 -1
129270-81070	70	2 -1
129270-81080	70	3 -1
129270-81110	70	4 -2
129270-81120	70	1 -2
129270-81170	70	2 -2
129270-81180	70	3 -2
129270-92100	72	1
129270-92610	72	5
129270-92620	72	6
129270-92630	72	7
129270-92640	72	8
129270-92650	72	3
129270-92690	72	4
129301-03660	13	14
		30
129301-34830	8	7
	9	12
	23	22
129400-01730	8	2
129400-11350	13	1
129400-77501	14	19
129407-21000	18	1
129408-01330	1	37
129410-03990	13	15
		31
129418-21000	18	1 A
129468-53000	39	2

PARTS No.	Fig.	Ref.No.
129470-01531	4	4
129470-01550	4	5
129470-01620	5	12
129470-01710	9	2
129470-01750	9	3
129470-07230	11	46
	12	49
129470-08100	6	19
129470-08110	6	12
129470-08120	6	14
129470-11080	11	7
129470-11090	11	8
129470-11920	12	31
	39	14
		28
129470-12100	14	1
129470-12120	14	3
129470-12130	14	5
129470-12210	14	12
129470-12301	15	7
129470-12320	15	9
129470-12330	15	10
129470-13541	28	36
129470-14000	17	1
129470-32000	25	2
129470-35040	25	1
129470-35121	24	26
129470-39452	21	16
129470-42001	27	1
129470-42002	27	1 -1
129470-42050	27	3
129470-42310	27	4
129470-44440	28	11 -1
129470-44450	28	9 -1
129470-49010	29	3
129470-49050	28	38
129470-49060	29	26
129470-49110	29	28
129470-49200	31	2
129470-49220	31	3
129470-49240	31	4
129470-49250	31	5
129470-49260	31	6
129470-49540	27	12
129470-49801	27	14
129470-49810	27	15
129470-51060	35	7
129470-51080	35	8
129470-51101	35	10
129470-55601	41	1

PARTS No.	Fig.	Ref.No.
129470-55701	41	3
129470-59120	41	9
		10
129470-59121	41	9 -1
129470-59122	41	9 -2
129470-59530	41	19
129470-59540	41	20
	42	13
129470-59541	41	20 -1
129470-59542	41	20 -2
129470-59560	41	22
129470-59561	41	22 -1
129470-59562	41	22 -2
129470-61590	37	84
129470-61650	37	41
129470-67200	44	32
129470-67300	44	20
129470-67310	44	21
129470-67320	44	22
129470-67550	44	48
129470-67560	44	49
129470-77330	48	22
	50	30
	51	21
	52	23
129470-77340	51	22
	52	24
129470-77590	14	17
		17 -1
	15	13
129470-77971	44	23
129470-83750	71	14
		27
129470-85900	71	10
		26
129470-86250	45	16
129470-86310	45	18
129470-86500	44	47
	45	15
129470-91100	60	1
129470-91101	60	1 -1
		1 -2
129470-91102	61	1
129470-91103	61	1 -1
129470-91150	60	6
129470-91160	58	16
	60	32
129470-91161	58	16 -1
	59	16
	60	32 -1

PARTS No. INDEX

PARTS No.	Fig.	Ref.No.
129470-91161	61	32
129470-91170	60	18
	61	18
129470-91180	58	2
	59	2
	60	9
	61	8
129470-91190	56	5
	57	17
	58	18
	59	18
	60	8
	61	7
	64	16
	65	16
	67	7
	69	23
129470-91191	66	3
	68	3
129470-92300	72	9
129470-92310	72	10
129470-92320	72	11
129472-13500	15	21
129472-13520	15	17
		24
129472-13550	15	25
129472-13560	15	23
		26
	28	37
129472-14000	17	1 A
129472-18090	15	32
	28	34
129472-39020	23	1
129472-39620	23	16
129472-49040	15	33
129472-49050	15	27
129473-01700	9	1
129473-08100	6	11
		22
129473-08110	6	13
		23
129473-34850	9	13
129473-34880	9	14
129473-35091	25	19
129473-44000	28	2 -1
129473-44111	28	13 -1
129473-44900	28	1 -1
129473-49310	27	22
129473-81001	70	22
129473-81012	70	23

PARTS No.	Fig.	Ref.No.
129473-81022	70	24
129473-81032	70	25
129473-85900	71	8
		25
129474-33500	22	17
129474-39450	23	13
129474-49010	29	22
129474-49030	30	5
129474-49320	31	9
129474-81011	70	28
129474-81021	70	29
129475-49040	29	15
129486-01670	5	9
129486-42050	27	18 -1
129490-49070	29	17
		24
	30	19
129490-77910	54	13
129494-49050	30	12
129494-49060	30	13
129495-39350	23	6
129495-39360	23	7
129495-49010	30	2
129495-59300	41	18
129495-59551	42	19
129495-59552	41	21 -1
129495-59553	41	21 -2
	42	19 -1
129495-77330	49	8
129495-91010	56	2
129497-61450	37	86 -1
129497-61470	37	26
129497-61480	37	27
129497-61490	37	29
129499-59812	40	4
129499-59822	40	8
129499-59832	40	12
129499-59842	40	16
129499-61440	37	23
129499-61870	37	47
129499-61890	37	48
129506-51040	35	5
129550-11290	11	33
	12	34
129550-11310	13	7
		23
129550-13110	28	44
129550-42350	27	19
129553-39650	2	32
129555-11241	11	29

PARTS No.	Fig.	Ref.No.
129555-11241	12	32
129555-51400	35	36
129555-51500	35	40
129555-51700	35	51
129555-51701	35	51 -1
129555-51710	35	52
129555-51711	35	52 -1
129555-51750	35	53
129555-51751	35	53 -1
129555-51760	35	54
129555-51761	35	54 -1
129570-12300	14	10
129570-34880	8	19
129570-59120	41	10 -1
129570-59121	41	10 -2
129570-77820	55	3
129570-77920	55	15
129570-77960	54	19
129570-91320	55	11
129570-91850	64	33
	65	33
129571-18130	15	12
129571-18140	14	22
129573-22301	20	7
129573-25090	17	20
129573-51330	35	29
129573-51340	35	30
129573-51370	35	33
129573-67300	44	20 -1
129573-77932	54	2
129573-77951	54	14
	55	16
129573-77952	54	14 -1
	55	16 -1
129573-77960	54	15
	55	17
129574-21590	18	8 A
129574-55700	42	6
129574-55710	42	5
129574-55711	42	5 -1
129574-55730	42	4
129574-55780	42	9
129574-55800	42	3
129574-59950	40	43
129574-59990	42	22
129574-77710	54	28
129574-77720	54	29
129574-77740	54	30
129574-77820	55	3 A
129574-77860	56	12

PARTS No.	Fig.	Ref.No.
129574-77860	57	18
	58	19
	60	34
	62	40
	63	21
129574-77911	54	2 A
129574-77980	54	23
129574-91130	65	1
129574-91160	67	1
129574-91161	67	1 -1
		1 -2
129574-91162	68	1
129574-91190	69	1
129574-91200	65	2
	67	2
	68	4
	69	2
129574-91210	66	5
	67	5
	68	5
	69	5
129574-91220	67	6
	69	6
129574-91221	67	6 -1
129574-91222	66	6
	68	6
129574-91240	69	10
129574-91260	69	8
129574-91410	64	9
	65	9
	67	12
	69	15
129574-91420	64	20
	65	20
	66	9
	67	22
	68	9
	69	26
129574-91430	66	10
	67	25
	68	10
	69	29
129574-91440	66	12
	67	28
	68	12
	69	32
129574-91490	69	12
129574-91560	54	25
129574-91561	54	25 -1
129574-91570	54	26

PARTS No. INDEX

PARTS No.	Fig.	Ref.No.	PARTS No.	Fig.	Ref.No.	PARTS No.	Fig.	Ref.No.	PARTS No.	Fig.	Ref.No.
129574-91600	69	38	129574-91760	67	42	129595-61931	37	51	129670-42501	26	1 -1
129574-91620	64	19		68	25	129595-61951	37	52	129670-42510	26	1 -2
	65	19	129574-91770	64	28	129595-61961	37	53	129670-42520	26	6
	66	15		65	28	129595-61962	37	53 -1	129670-42530	26	3
	67	21		66	26	129595-67310	44	12	129670-42540	26	5
	68	15		67	33	129608-77010	46	1 -1	129670-42550	26	7
	69	25		68	26		47	1 -1	129670-42560	26	11
129574-91630	66	16		69	37	129608-77110	46	26	129670-42570	26	20
	67	24	129574-91780	64	14		47	41	129670-42580	26	17
	68	16		65	14	129612-77710	49	3	129670-42700	26	21
	69	28		67	17	129670-01500	3	1	129670-44000	28	2
129574-91640	66	17		69	20	129670-01600	5	2	129670-44400	28	13
	67	27	129574-91790	64	15	129670-01630	70	15	129670-44410	28	11
	68	17		65	15	129670-01720	8	1	129670-44420	22	7
	69	31		67	18	129670-07560	10	18		28	9
129574-91650	64	29		69	21	129670-08100	6	1	129670-44570	28	31
	65	29	129574-91850	69	43	129670-08110	6	2	129670-44600	28	25
	66	19	129574-91860	69	9	129670-08120	6	3	129670-44900	28	1
	67	34	129574-91870	64	3			12 -1	129670-49010	29	4
	68	19		65	3		7	1		30	3
	69	39		66	30	129670-08130	6	4	129670-49030	29	5
129574-91710	64	26		67	3			14 -1	129670-49040	29	6
	65	26		68	30		7	2	129670-49070	29	27
	66	20		69	3	129670-08150	6	20	129670-49110	29	4 -1
	67	31	129574-91880	69	13	129670-08160	6	21		30	3 -1
	68	20	129574-91890	66	31	129670-08180	6	24	129670-49130	29	5 -1
	69	35		67	19	129670-08190	6	25	129670-49140	29	6 -1
129574-91720	64	21		69	22	129670-08200	6	18	129670-49150	29	15 -1
	65	21	129574-91930	69	24	129670-08340	6	9	129670-49290	15	2 -1
	66	21	129577-11350	13	17	129670-08350	6	10		29	2 -1
	67	23	129590-59200	24	32		7	9		30	1 -1
	68	21		55	1	129670-13560	28	33		31	1 -1
	69	27	129590-67101	44	31	129670-21590	18	8	129670-49350	29	7
129574-91730	66	22	129590-67110	44	46	129670-21700	70	16	129670-49500	15	36 -1
	67	26	129590-67140	44	8	129670-21710	70	17			38 -1
	68	22	129590-67310	44	1	129670-22000	19	1		29	9 -1
	69	30	129590-67420	44	13	129670-22090	19	16			16 -1
129574-91740	66	23	129595-18141	15	15	129670-32000	24	1			19 -1
	67	29	129595-61012	37	3	129670-33000	21	1			25 -1
	68	23	129595-61050	37	4	129670-33510	21	2			31
	69	33	129595-61080	37	85	129670-33520	21	3		30	7 -1
129574-91750	64	27	129595-61200	37	11	129670-33530	21	4			14 -1
	65	27	129595-61201	37	11 -1	129670-34800	8	6			21 -1
	66	24	129595-61610	37	39	129670-34810	8	18 -1		31	7 -1
	67	32	129595-61631	37	40	129670-34880	8	8		32	13 -1
	68	24	129595-61660	37	42	129670-35090	24	17	129670-51300	35	26
	69	36	129595-61802	37	43	129670-35101	24	22	129670-77200	48	1
129574-91760	64	38	129595-61821	37	45	129670-39201	21	6	129670-77340	48	23
	65	37	129595-61901	37	49	129670-39300	21	9		49	9
	66	25	129595-61911	37	50	129670-42500	26	1		50	23

PARTS No. INDEX

PARTS No.	Fig.	Ref.No.
129670-77340	53	21
129670-77430	48	22 -1
	49	8 -1
	50	30 -1
	53	22
129670-77940	54	3 -1
	55	4 -1
129670-77990	54	33
	59	19
	61	42
129670-81010	70	5
129670-81020	70	6
129670-81030	70	7
129670-81040	70	8
129670-81050	70	9
129670-81060	70	10
129670-81070	70	11
129670-81850	18	30 -1
129670-85900	71	5
129670-85910	71	20
129670-86250	44	57
129670-86310	44	58
129670-91110	56	1
129670-91130	64	1
129670-91162	66	1
129670-91200	56	11
129671-07560	10	19
129671-13550	15	18
129671-18001	15	1
	16	1
129671-22000	20	1 -1
129671-33000	22	2
129671-33001	22	2 -1
129671-49040	30	5 -1
129671-49050	15	27 -1
129671-49100	30	24
129671-49110	30	25
129671-49210	31	6 -1
129671-49990	14	23
129671-51900	36	3
129671-53000	39	16
129671-53001	39	16 -1
129671-77510	14	27
129671-77900	54	32
129671-77920	14	28
129672-03090	13	29
129672-25100	17	17
129672-49020	30	4
129673-01500	4	1
129673-01600	5	11

PARTS No.	Fig.	Ref.No.
129673-08100	7	5
129673-08110	7	6
129673-08120	7	7
129673-08130	7	8
129673-08140	7	3
129673-08150	7	4
129673-22000	20	1
129673-33000	22	1
129673-33001	22	1 -1
129673-33020	22	5
129673-33030	22	6
129673-33040	22	8
129673-33041	22	8 -1
129673-33050	22	16
129673-33100	22	3
129673-33101	22	3 -1
129673-33130	22	14
129673-39300	23	5
129673-49020	30	4 -1
129673-49030	29	29
	30	11 -1
		15
129673-49050	15	33 -1
129673-49070	30	12 -1
129673-49080	30	13 -1
129673-49100	29	30
	30	16
129673-49220	31	2 -1
129673-49230	31	4 -1
129673-51250	36	2
129673-54030	36	8
129673-55650	42	1
129673-59121	42	13 -1
129673-59950	40	48
129673-81010	70	26
129673-81020	70	27
129673-81760	18	26
129690-02800	1	16 -1
	2	17 -1
129690-02870	1	26 -1
	2	34 -1
129690-22000	19	1 -1
129690-22510	19	3 -1
129690-61060	37	5 -1
129691-25900	36	20
129693-01330	2	30
129693-01510	4	2
129693-01520	4	3
129693-21650	18	12
129693-21660	18	13

PARTS No.	Fig.	Ref.No.
129693-28010	18	14
129693-35130	25	5
129693-35150	25	7
129693-35170	25	9
129693-39250	23	2
129693-39600	23	14
129693-59560	42	20
129693-59562	42	20 -1
129693-59810	40	27
129693-59811	40	27 -1
129693-59820	40	31
129693-59821	40	31 -1
129693-59830	40	35
129693-59840	40	39
129693-67101	45	1
129693-67102	45	1 -1
129693-67210	36	5
129695-77370	48	24
	49	10
	50	24
129695-77380	48	25
	49	11
	50	25
129698-12100	14	1 -1
129698-77010	46	1
129698-77020	46	2 -1
		24
	47	39
129698-77100	46	3
129698-77101	46	3 -1
		25
	47	40
129698-77110	46	4
129698-77120	46	5
		27
	47	42
129698-77130	46	6
		29
	47	44
129698-77140	46	7
		28
	47	43
129698-77150	46	8
		30
	47	45
129698-77160	46	9
129698-77161	46	9 -1
		31
	47	46
129698-77170	46	32

PARTS No.	Fig.	Ref.No.
129698-77170	47	47
129698-77180	46	10
		39
	47	54
129698-77190	46	11
		40
	47	55
129698-77200	46	12
		41
	47	56
129698-77210	46	13
		42
	47	57
129698-77220	46	14
		43
	47	58
129698-77230	46	15
		44
	47	59
129698-77240	46	16
		37
	47	52
129698-77250	46	17
		38
	47	53
129698-77260	46	18
		33
	47	48
129698-77270	46	20
		35
	47	50
129698-77280	46	21
		36
	47	51
129772-77200	48	1 -1
		1 -2
	51	1
		3
129772-77250	49	16
129772-77260	49	17
129772-77270	49	18
129772-77280	49	19
	50	34
129792-39610	23	15
129795-01780	5	8
		13
129795-01800	3	5
	4	6
129795-01950	1	22
	2	24

PARTS No. INDEX

PARTS No.	Fig.	Ref.No.
129795-01950	3	8
	4	9
129795-02411	1	10
	2	23
129795-11080	12	6
129795-11090	12	7
129795-11120	11	19
	12	17
129795-11180	11	20
	12	18
129795-48800	32	1
129795-49551	27	13
129795-59100	42	24
129900-07900	11	44
	12	47
129930-61950	36	18
129930-61960	36	19
135210-61090	37	94
138603-59380	43	4
144626-91560	54	21
144626-91570	54	22
157854-04300	58	17
	59	17
	60	12
	61	12
171007-49400	15	3
		3 -1
171008-77010	47	1
171008-77400	47	5
171008-77440	47	9
171008-77450	47	10
171008-77460	47	11
171008-77470	47	12
171008-77480	47	13
171008-77490	47	14
171008-77500	47	2
171008-77510	47	3
171008-77520	47	4
171008-77531	47	15
171008-77540	47	16
171008-77571	47	19
171008-77640	47	26
171008-77650	47	27
171008-77660	47	28
171008-77670	47	29
171008-77750	47	36
171051-01921	1	6
	2	5
171078-66551	44	19
174307-51170	35	14

PARTS No.	Fig.	Ref.No.
174307-51700	37	31
177050-02811	10	13
177050-02821	10	15
177061-02811	10	14
177070-03520	18	18
177073-02431	10	12
		21
177073-03191	18	30
177074-06350	54	15 A
177075-02550	10	11
177088-02430	10	5
		20
177090-03500	18	20
		24
		28
177099-03500	18	22
183350-55130	54	34
194151-55820	57	11
194250-51660	14	24
	54	1
194440-51620	31	10
194555-55820	58	15
	59	15
	61	25
194555-62750	55	2
196440-04310	18	28 -1
196630-12980	10	17
198451-78680	64	37
	66	2
	68	2
41710-000380	44	52
	45	14
41710-000410	44	17
		56
	45	11
		26
41710-001300	44	9
41730-000681	44	50
	45	13
43530-500570	29	20
	30	17
43580-500680	54	12
	55	14
43662-025030	29	21
	30	18
43720-001220	24	31
	25	24
46150-003610	58	11
	59	11
	60	10

PARTS No.	Fig.	Ref.No.
46150-003610	62	30
	63	12
46150-003620	58	12
	59	12
	61	9
	63	15
48110-028063	71	7
48110-028071	71	21
48110-030061	71	22
48110-032065	71	23
48110-032411	71	4
48110-034071	71	6
		24
711100-51540	35	20
729150-23600	20	13
729402-11650	11	36
	12	40
729402-23100	19	9
729499-54100	38	19
729573-23700	20	9
729670-01560	1	1
729670-11700	11	1
729670-51300	35	1
729670-53100	39	1
729671-53100	39	15
729671-53101	39	15 -1
729672-11000	12	1 -1
729690-22540	19	18 -1
729692-22510	20	3
729693-01560	2	1
729697-11700	12	1
83213-003012	43	7
977780-01200	34	1
977780-01210	33	1
977780-01230	33	2
	34	2
977780-01240	34	3
977780-01250	33	3
977780-03000	33	9
	34	9
X0044021509	33	7
	34	7
X01357681	26	18
X0146531	26	4
X0504550	26	8
X0505526	26	13
X0506590	26	9
X0508129	26	10
X0519503	26	12
X0529105	26	14

PARTS No.	Fig.	Ref.No.
X0529530	26	15
X0534130	26	19
X053421	26	16
X1466584820	36	7
X179100011X	34	5
X179100021X	33	5
X179100100X	33	6
	34	6
X199903800X	33	8
	34	8
X2114255110	47	6
X2114535200	46	19
		34
	47	49
X2114555500	47	33
X2114955020	47	34
X2130350900	47	7
X2240410100	47	35
X6201NC	53	3
X6203BM	48	16
	51	16
X6303BM	53	16
X6303BM0000	50	18
	52	18
X8636008003	33	4
	34	4
XL12013262	48	9
	51	9
XL13513134	48	12
	51	12
XL15014042	48	15
	51	15
XL15018015	48	18
	51	18
XL1501810	48	19
	51	19
	53	20
XL15028001	48	20
	51	20
	53	17
XL150M14041	50	17
	52	17
	53	15
XL15542001	48	4
	51	4
XL1556315	53	7
XL15571001	48	2
	51	2
XL155G1315	48	7
	51	7

MODEL : 4JH3E(CE/CE1)-TE(TCE)
PC NO : 0CR10-G46701

PARTS No. INDEX

PARTS No.	Fig.	Ref.No.
XL155G1330	50	8
	52	8
XL155G6300	48	5
	51	5
XL1801200	53	4
XL180120000	50	4
	52	4
XL1801335	53	9
XL18018015	53	19
XL1805100	53	2
XL1805301	53	6
XL1805500	53	18
XL1808320	50	13
	53	13
XL180832000	52	13
XL1809300	53	5
XL180G13012	50	6
	52	6
XL180G43150	50	7
	52	7
XL180G61000	50	2
	52	2
XL180G63006	50	5
	52	5
XL180G85001	50	22
	52	20
XL2251318	53	11
XL2253320	48	13
	51	13
XL2253400	48	14
	51	14
XL225431800	50	11
	52	11
XL22553012	48	6
	51	6
XL2255320	53	8
XL2255330	48	8
	51	8
XL225G1325	50	9
	52	9
XL225G6500	48	17
	51	17
XL23534011	53	14
XL235340110	50	16
	52	16
XL2554318	48	11
	51	11
XNB131008	16	5
XNB133206	16	21
XNB133208	16	22

PARTS No.	Fig.	Ref.No.
XNB134007	16	11
XNE923383	16	16
XNE928727	16	13
XNN131008	16	6
XNN131108	16	8
XNN131536	16	7
XNN131578	16	3
XNN131579	16	4
XNN131614	16	2
XNN133022	16	18
XNN133208	16	17
XNN133506	16	19
XNN133596	16	20
XNN133911	16	10
XNN134035	16	12
XNN136613	16	9
XNN137007	16	14
XNN137055	16	23
XNN137423	16	15
XTR1Z63	48	10
	51	10
	53	10
XTST25S001	32	2
XTST25S002	32	3
XTST25S003	32	4
XTST25S004	32	5
XTST25S005	32	6
XTST25S007	32	8
XTST25S008	32	9
XTST25S009	32	10
XYM0234001N	68	36
XYM0234016N	66	36

PARTS No.	Fig.	Ref.No.
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PARTS No.	Fig.	Ref.No.
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