

OCR10-M46701EN

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.

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- 71. CUPRING
- 72. TOOL
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- 74. INSTRUMENT PANEL(C-TYPE/VDO)

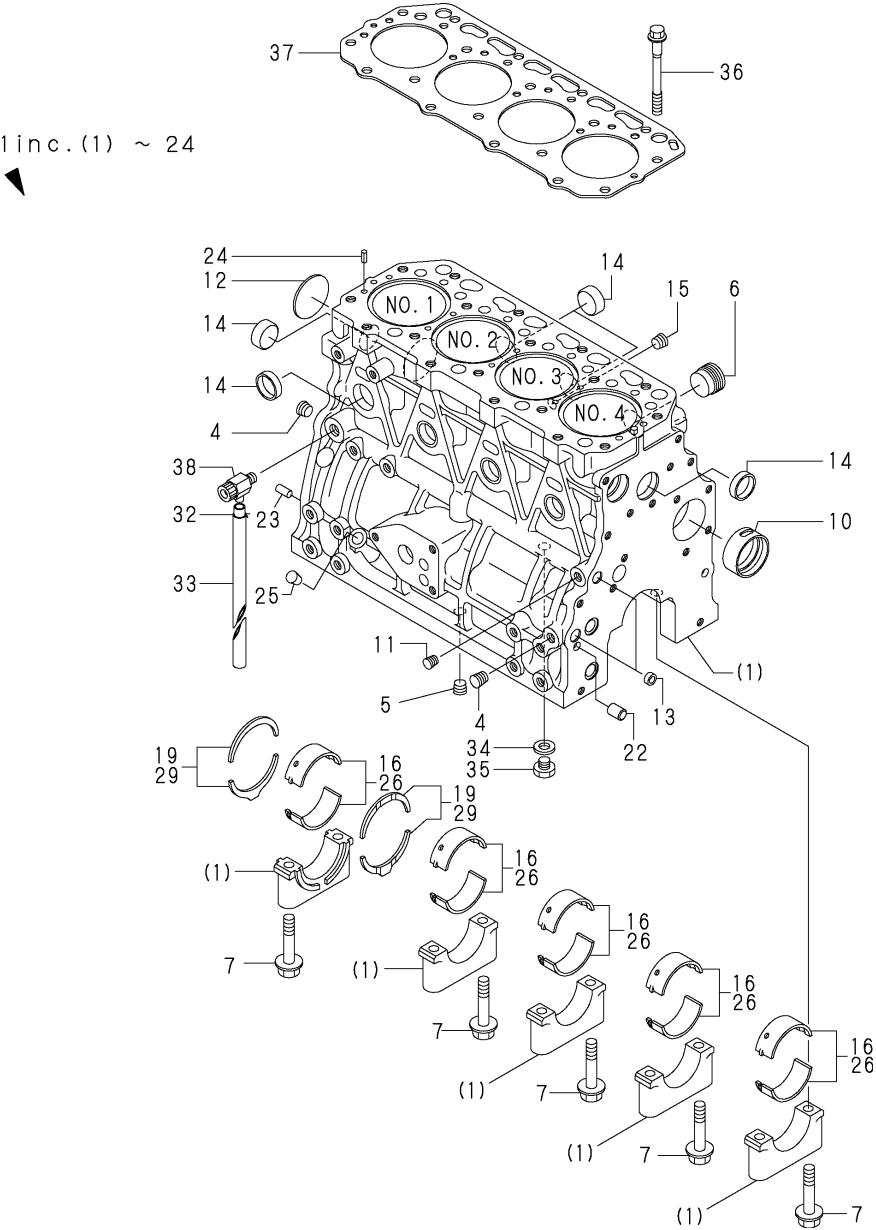
Fig. No. Fig. Name

Fig.1. CYLINDER BLOCK(4JH3E)

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

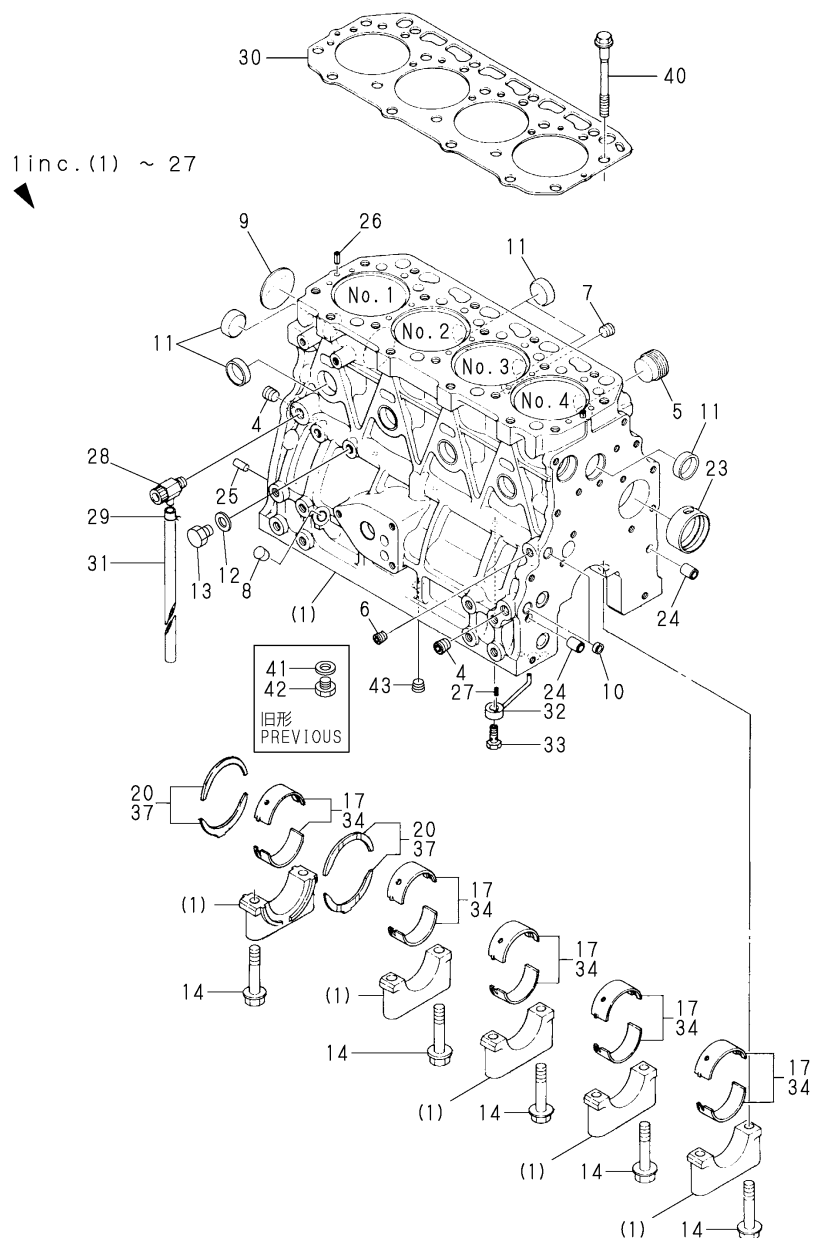
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729670-01560	BLOCK ASSY, CYLINDER	1	1	1					
4	3	124160-01910	PLUG, PT1/4	2	2	2					
5	3	124160-01910	PLUG, PT1/4	1	1						Z
(A=E/#21293) (B=E/#21293)											
6	3	171051-01921	PLUG, NPTF1	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, R01	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, R03	1	1	1					
16	2	129001-02800	BEARING, MAIN	5	5	5					
16-1	2	129690-02800	BEARING, MAIN	5	5	5					N
(A=E/#23803) (B=E/#23803) (C=E/#23803)											
19	2	129150-02930	BEARING, THRUST	2	2	2					
22	2	129795-01950	PIPE, KNOCK L=18	2	2	2					
23	2	129100-01580	PIN, M8X16	2	2	2					
24	2	22351-060012	PIN, SPRING 6.0X12	2	2	2					
25	1	27225-100140	PLUG, 10X14	1	1	1					
25-1	1	119309-01810	PLUG	1	1	1					R
(A=*2002.09) (B=*2002.09) (C=*2002.09)											
26	1	129150-02870	BEARING, 0.25 US	5	5	5					1
26-1	1	129690-02870	BEARING, 0.25 US	5	5	5					N 1
(A=E/#23803) (B=E/#23803) (C=E/#23803)											
29	1	129150-02940	BEARING, THRUST 0.25	1	1	1					2
32	1	124460-77680	RETAINER	1	1	1					
33	1	23061-070300	PIPE, 7X 300	1	1	1					
34	1	23414-080000	GASKET, 8X1.0	4	4	4					W
(A=E/#23803) (B=E/#23803) (C=E/#23803)											
35	1	26106-080122	BOLT, M8X 12 PLATED	4	4	4					W
(A=E/#23803) (B=E/#23803) (C=E/#23803)											
36	1	129150-01200	BOLT, HEAD	18	18	18					
37	1	129408-01330	GASKET, HEAD	1	1	1					
38	1	128371-01800	COCK ASSY, 1/4	1	1	1					



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

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

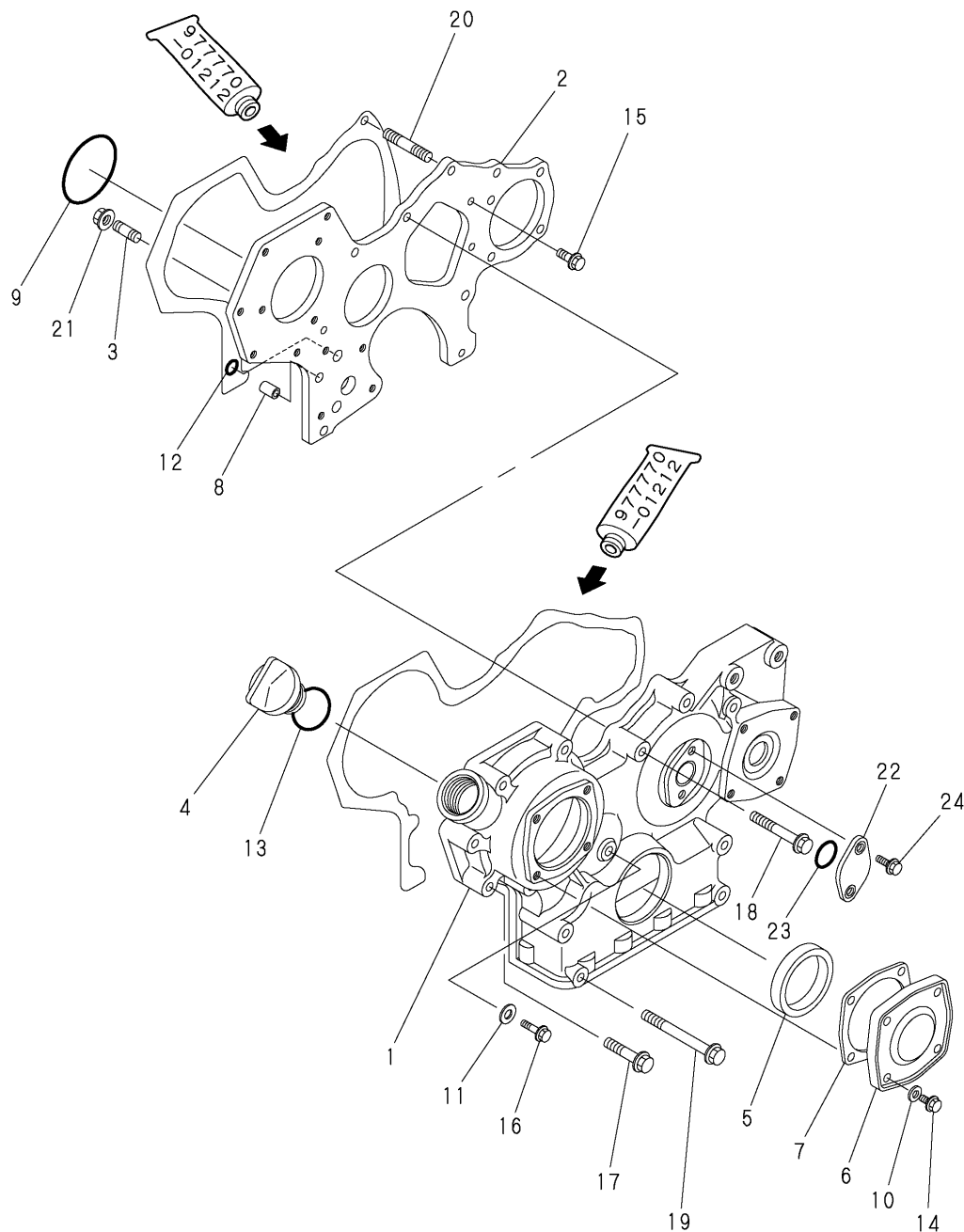


				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1	(D)=4JH3-TE (E)=4JH3-TCE (F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729693-01560	BLOCK ASSY, CYLINDER				1	1			
4	3	124160-01910	PLUG, PT1/4				2	2			
5	3	171051-01921	PLUG, NPTF1				1	1			
6	3	23876-010000	PLUG, R01				1	1			
7	3	23876-030000	PLUG, R03				1	1			
8	3	27225-100140	PLUG, 10X14				1	1			
8-1	3	119309-01810	PLUG	(D=*2002.09)	(E=*2002.09)		1	1			R
9	3	27231-500000	PLUG 50				1				
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, 10X1.0				1	1			
13	2	23887-100002	PLUG, 10				1	1			
14	2	129150-02020	BOLT, METAL CAP				10	10			
17	2	129150-02800	BEARING, MAIN				5				
17-1	2	129690-02800	BEARING, MAIN	(D=E/#11493)			5	5			N
20	2	129150-02930	BEARING, 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	PIN, PARALLEL M8X16				2	2			
26	2	22351-060012	PIN, SPRING 6.0X12				2	2			
27	2	22351-030010	PIN, SPRING 3.0X10				4	4			
28	1	128371-01800	COCK ASSY, 1/4				1	1			
29	1	124460-77680	RETAINER				1	1			
30	1	129693-01330	GASKET, HEAD				1	1			
31	1	23061-070300	PIPE, 7X 300				1	1			
32	1	129553-39650	NOZZLE				4	4			
33	1	23857-030000	BOLT, JOINT 3				4	4			
34	1	129150-02870	BEARING, 0.25 US				5				1
34-1	1	129690-02870	BEARING, 0.25 US	(D=E/#11493)			5	5			N 1
37	1	129150-02940	BEARING, THRUST 0.25				2	2			2
40	1	129150-01200	BOLT, HEAD				18	18			
41	1	23414-120000	GASKET, 12X1.0	(D=E/#11493)			1				Z
42	1	23887-120002	PLUG, 12	(D=E/#11493)			1				Z
43	1	124160-01910	PLUG, PT1/4	(D=E/#11493)			1	1			W

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

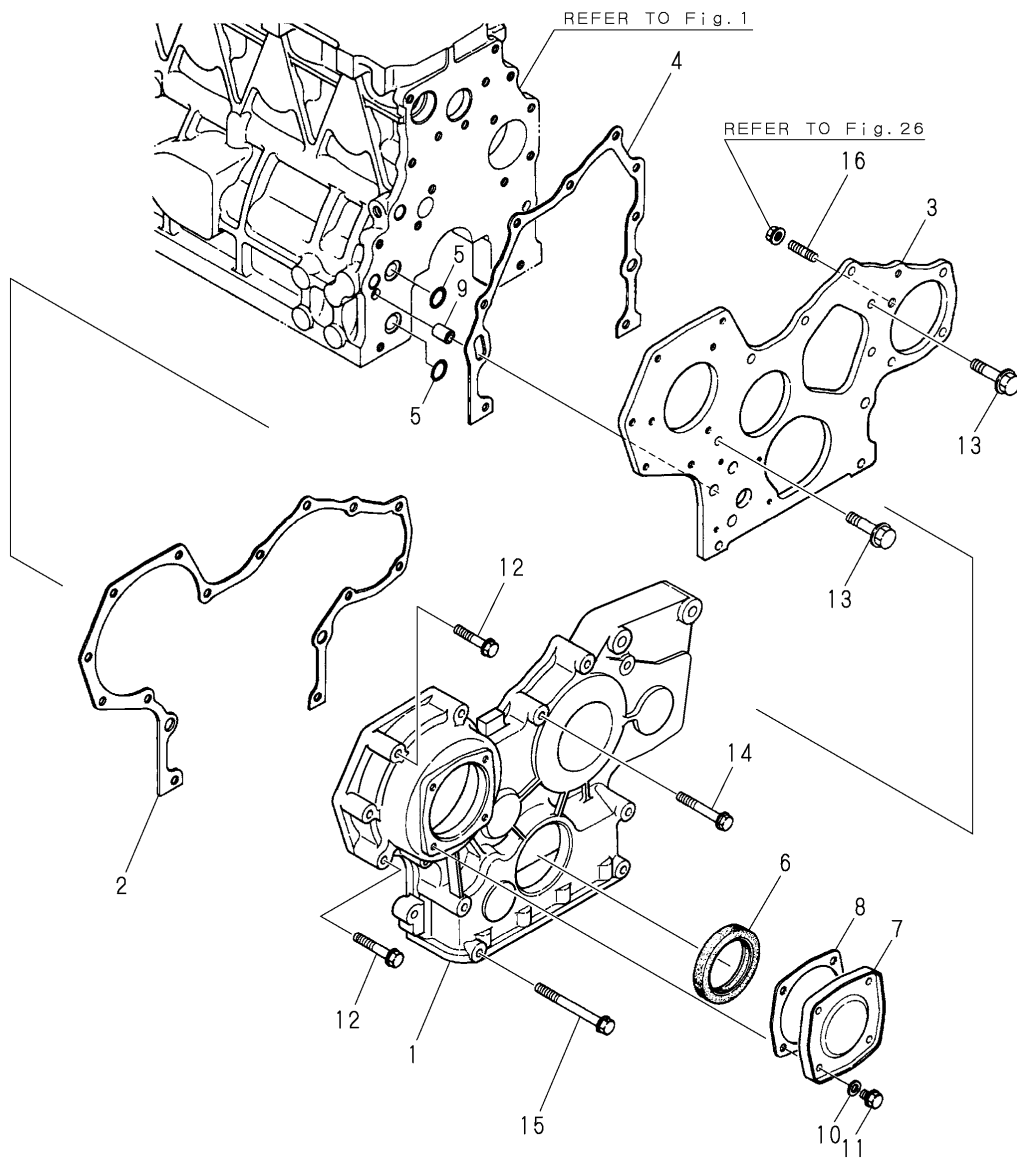
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.3. GEAR HOUSING(4JH3E)



No.	Lev.	Parts No.	Description	(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1			(D)=4JH3-TE (E)=4JH3-TCE (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129670-01500	CASE, GEAR	1	1	1					
2	1	129100-01520	FLANGE, GEAR CASE	1	1	1					
3	1	121450-01560	STUD, M8X22	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	1	1	1					
7-1	1	129C26-01890	GASKET, HO-P	1	1	1					R
	(A=EXXXXX)	(B=EXXXXX)	(C=EXXXXX)								
8	1	129795-01950	PIPE, KNOCK L=18	2	2	2					
9	1	121850-51960	O-RING	1	1	1					
10	1	22190-080002	WASHER, SEAL 6	4	4	4					
11	1	22190-080002	WASHER, SEAL 6	1	1	1					
12	1	24311-000160	O-RING, 1AP16.0	2	2	2					
13	1	24311-000320	O-RING, 1AP32.0	1	1	1					
14	1	26106-080122	BOLT, M8X 12 PLATED	4	4	4					
15	1	26106-080162	BOLT, M8X 16 PLATED	3	3	3					
16	1	26106-080162	BOLT, M8X 16 PLATED	1	1	1					
17	1	26106-080452	BOLT, M8X 45 PLATED	6	6	6					
18	1	26106-080552	BOLT, M8X 55 PLATED	3	3	3					
19	1	26106-080852	BOLT, M8X 85 PLATED	4	4	4					
20	1	26216-080182	STUD, M8X 18	1	1	1					
21	1	26306-080002	NUT, M8	3	3	3					
22	1	121023-01550	COVER	1	1	1					
23	1	24341-000240	O-RING, 1AS24.0	1	1	1					
24	1	26106-060162	BOLT, M6X 16 PLATED	2	2	2					

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

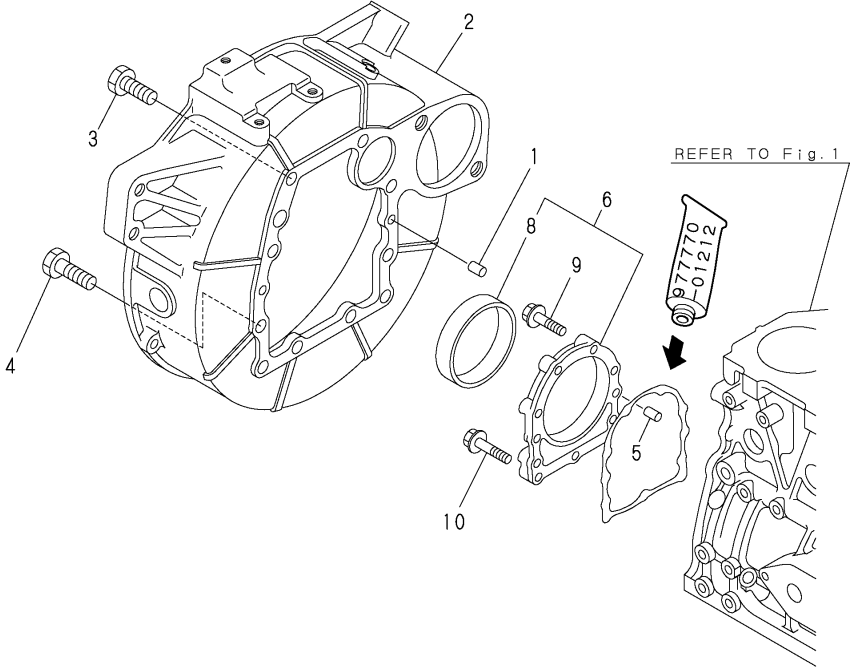


No.	Lev.	Parts No.	Description	(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1			(D)=4JH3-TE (E)=4JH3-TCE (F)=			I	R
				(A)	(B)	(C)	Q'ty (D)	(E)	(F)		
1	1	129673-01500	CASE, GEAR				1	1			
2	1	129693-01510	GASKET, GEAR CASE				1	1			
3	1	129693-01520	FLANGE, GEAR CASE				1	1			
4	1	129470-01531	GASKET				1	1			
5	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				1	1			
8-1	1	129C26-01890	GASKET, HO-P				1	1		R	
				(D)=EXXXXX)	(E)=EXXXXX)						
9	1	129795-01950	PIPE, KNOCK L=18				2	2			
10	1	23414-080000	GASKET, 8X1.0				4	4			
11	1	26106-080122	BOLT, M8X 12 PLATED				4	4			
12	1	26106-080162	BOLT, M8X 16 PLATED				3	3			
13	1	26106-080452	BOLT, M8X 45 PLATED				2	2			
14	1	26106-080552	BOLT, M8X 55 PLATED				3	3			
15	1	26106-080852	BOLT, M8X 85 PLATED				4	4			
16	1	26216-080182	STUD, M8X 18				1	1			

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

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

4JH3E/CE/CE1



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2	2	2					
2	1	129670-01600	HOUSING, FLYWHEEL	1	1	1					
3	1	26206-100252	BOLT, M10X 25 PLATED	6	6	6					
4	1	26206-100302	BOLT, M10X 30 PLATED	4	4	4					
5	1	129100-01580	PIN, M8X16	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	6	6	6					
10	1	26106-080352	BOLT, M8X 35 PLATED	3	3	3					
11	1	129673-01600	HOUSING, 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

4JH3-TE/TCE

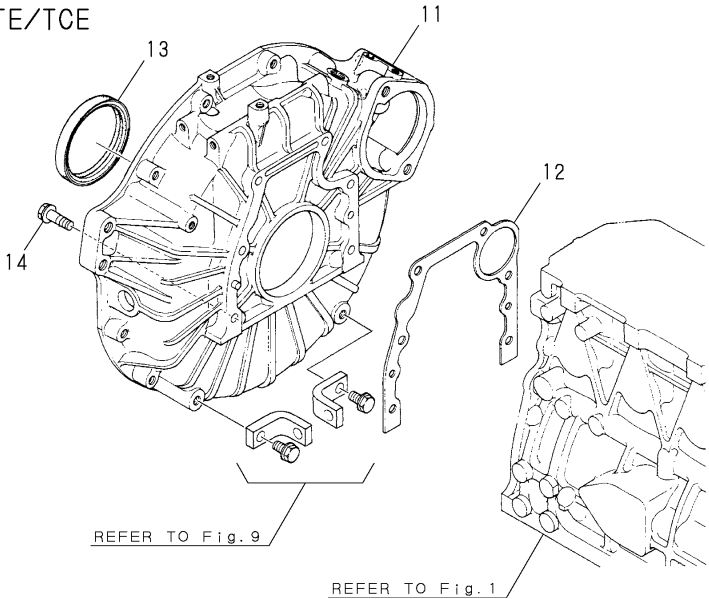


Fig.6. MOUNTING FOOT(4JH3E)

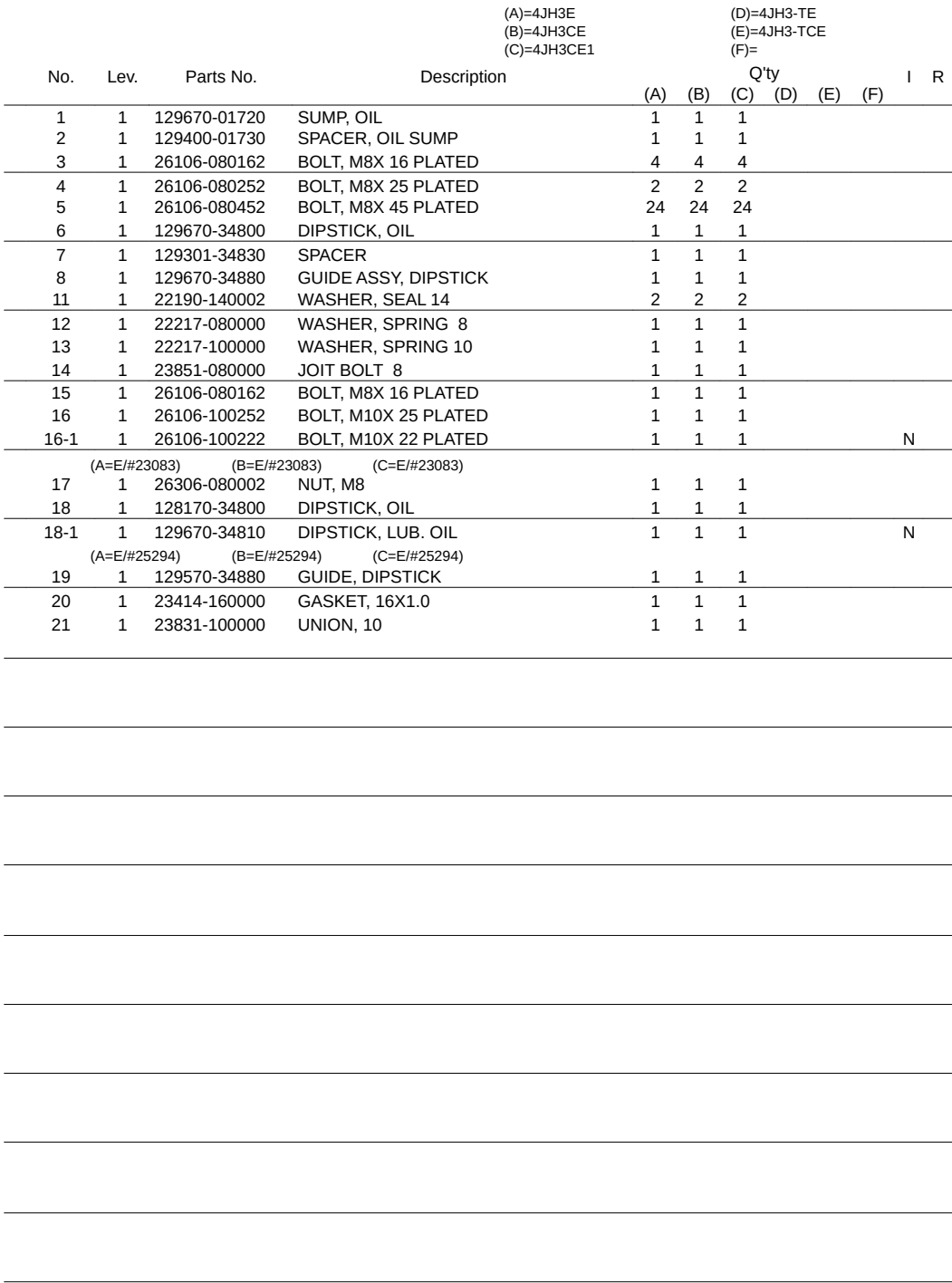


No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129670-08100	FOOT	1							
2	1	129670-08110	FOOT	1							
3	1	129670-08120	FOOT	1							
4	1	129670-08130	FOOT	1							
5	1	26106-100202	BOLT, M10X 20 PLATED	2							
5-1	1	26106-100222	BOLT, M10X 22 PLATED	2							N
(A=E/#23083)											
6	1	26106-100302	BOLT, M10X 30 PLATED	2							
7	1	26106-100302	BOLT, M10X 30 PLATED	4							
8	1	26116-120302	BOLT, M12X 30 PLATED	4							
8-1	1	26116-120252	BOLT, M12X 25 PLATED	4							N
(A=E/#23083)											
9	1	129670-08340	MOUNT, FLEXIBLE 150	2							
10	1	129670-08350	MOUNT, FLEXIBLE 200	2							
11	1	129473-08100	FOOT		1	1					
12	1	129470-08110	FOOT		1						
12-1	1	129670-08120	FOOT		1	1					R
(B=E/#20550)											
13	1	129473-08110	FOOT		1	1					
14	1	129470-08120	FOOT		1						
14-1	1	129670-08130	FOOT		1	1					R
(B=E/#20550)											
15	1	26106-100202	BOLT, M10X 20 PLATED		8						
15-1	1	26106-100222	BOLT, M10X 22 PLATED		8	8					N
(B=E/#20550)											
16	1	26116-120302	BOLT, M12X 30 PLATED		4						
16-1	1	26116-120252	BOLT, M12X 25 PLATED		4	4					N
(B=E/#20550)											
17	1	120149-08431	MOUNT, FLEXIBLE		2	2					
18	1	129670-08200	SPACER	2							W 1
(A=E/#21757)											
19	1	129470-08100	FOOT	2							Z 2
(A=E/#25682)											
20	1	129670-08150	FOOT	1							Z 2
(A=E/#25682)											
21	1	129670-08160	FOOT	1							Z 2
(A=E/#25682)											
22	1	129473-08100	FOOT	1							Z 3
(A=E/#25682)											
23	1	129473-08110	FOOT	1							Z 3
(A=E/#25682)											
24	1	129670-08180	FOOT	1							Z 3
(A=E/#25682)											
25	1	129670-08190	FOOT	1							Z 3
(A=E/#25682)											

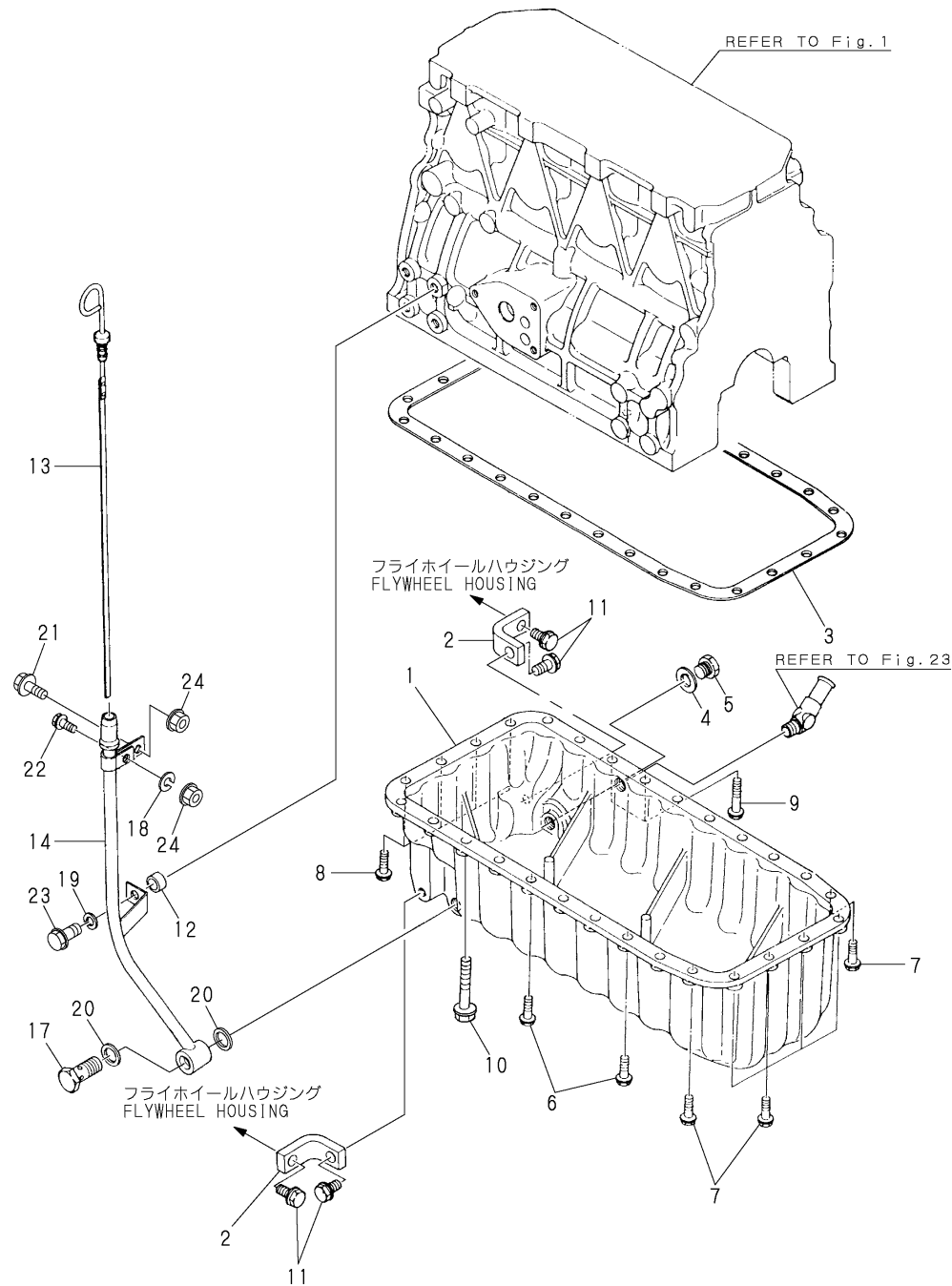
Remarks
(1)SAIL DRIVE SPEC.
(2)KBW21
(3)KM4A1

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.8. LUB.OIL SUMP(4JH3E)

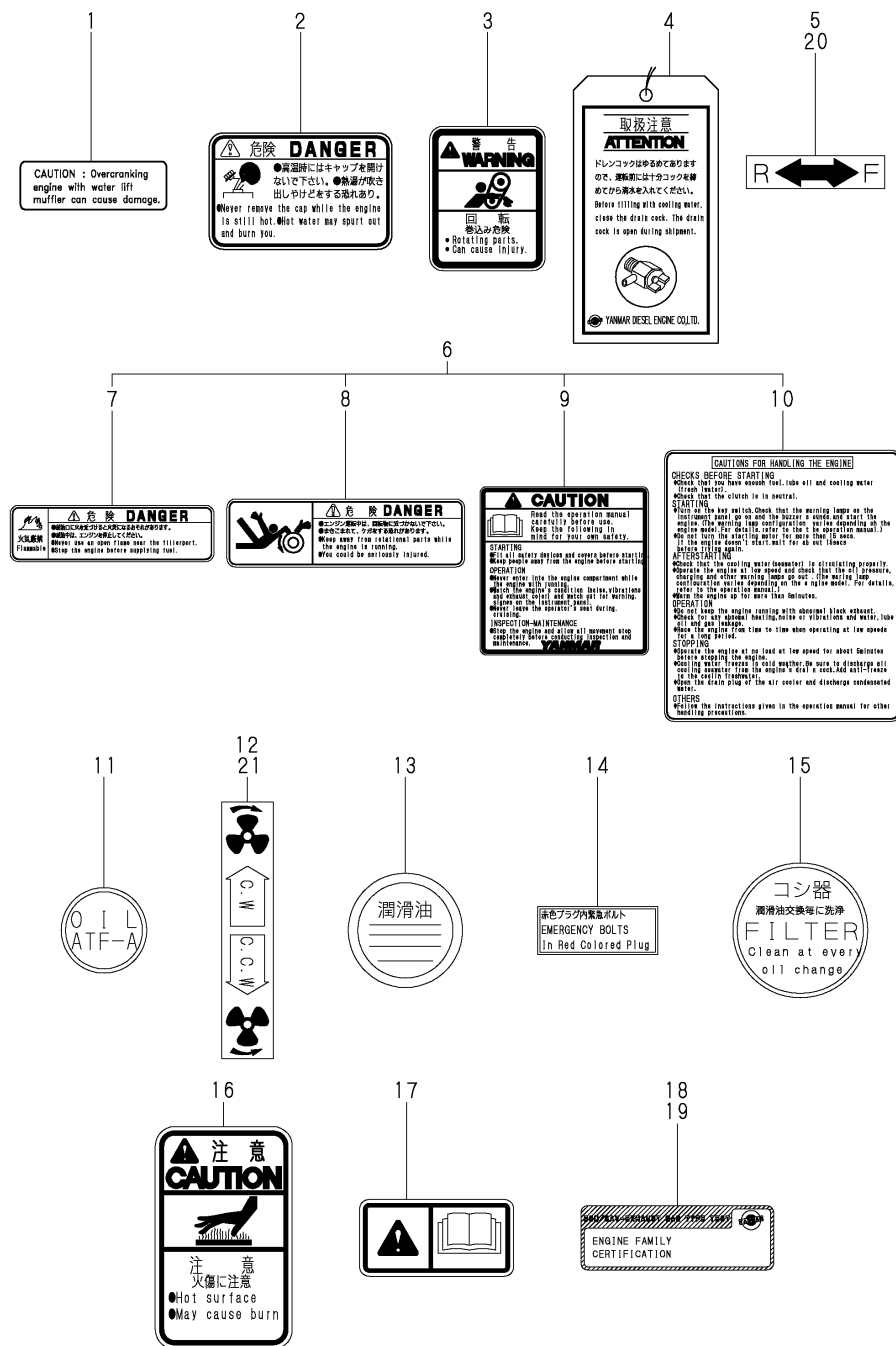


OCR10-M46701 4JH3E(CE/CE1)-TE(TCE)
Fig.9. LUB.OIL SUMP(4JH3-TE)



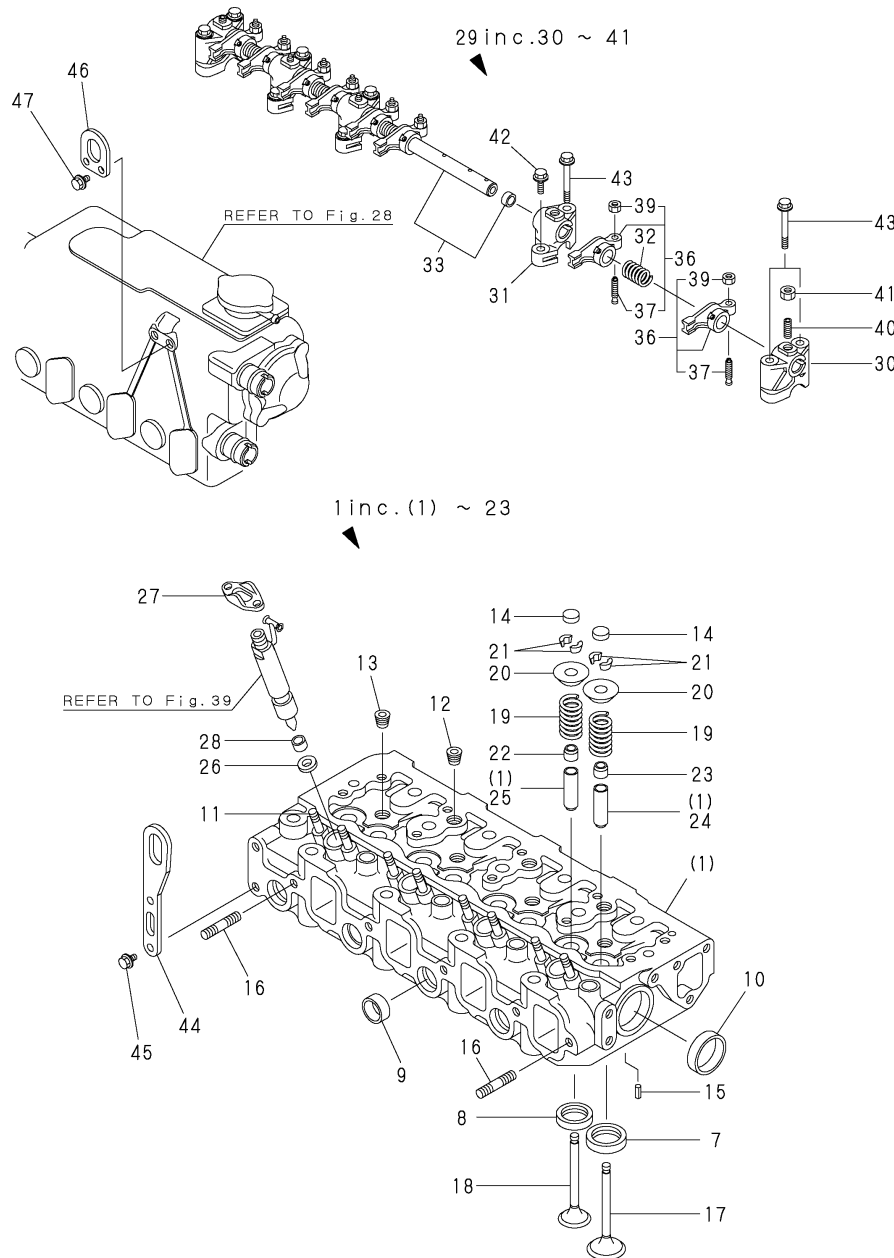
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129473-01700	SUMP, OIL				1	1			
2	1	129470-01710	BRACKET				2	2			
3	1	129470-01750	GASKET, OIL SUMP				1	1			
4	1	23414-160021	GASKET, 16X1.0				1	1			
5	1	23887-160002	PLUG, 16				1	1			
6	1	26106-080252	BOLT, M8X 25 PLATED				13	13			
7	1	26106-080252	BOLT, M8X 25 PLATED				6	6			
8	1	26106-080252	BOLT, M8X 25 PLATED				4	4			
9	1	26106-080402	BOLT, M8X 40 PLATED				2	2			
10	1	26106-080702	BOLT, M8X 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	DIPSTICK, OIL				1	1			
14	1	129473-34880	GUIDE ASSY, DIPSTICK				1	1			
17	1	104214-39720	BOLT				1	1			
18	1	22217-080000	WASHER, SPRING 8				1	1			
19	1	22217-100000	WASHER, SPRING 10				1	1			
20	1	23414-160000	GASKET, 16X1.0				2	2			
21	1	26106-080122	BOLT, M8X 12 PLATED				1	1			
22	1	26106-080162	BOLT, M8X 16 PLATED				1	1			
23	1	26106-100252	BOLT, M10X 25 PLATED				1				
23-1	1	26106-100222	BOLT, M10X 22 PLATED				1	1		N	
24	1	26306-080002	NUT, M8				2	2			

Fig.10. LABEL



				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1	(D)=4JH3-TE (E)=4JH3-TCCE (F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128171-07150	LABEL	1	1	1	1	1			
2	1	128296-07260	LABEL, DANGER	1	1	1	1	1			
3	1	128296-07350	LABEL, DANGER	1	1	1	1	1			
4	1	123682-07851	LABEL, CAUTION	1	1	1	1	1			
4-1	1	123682-07852	LABEL, CAUTION	1	1	1	1	1			S
		(A=E/#26163)	(B=E/#26163)	(C=E/#26163)	(D=E/#13135)	(E=E/#13135)					
5	1	177088-02430	LABEL				1				
6	1	128296-07190	LABEL, LOOSE PARTS	1	1	1	1	1			
7	2	128296-07400	LABEL, DANGER	2	2	2	2	2			
8	2	128296-07420	LABEL, DANGER	1	1	1	1	1			
9	2	128296-07450	LABEL, DANGER	1	1	1	1	1			
10	2	128296-07460	LABEL, DANGER	1	1	1	1	1			
11	1	177075-02550	LABEL				1				
12	1	177073-02431	LABEL				1				
13	1	177050-02811	LABEL				1				
14	1	177061-02811	LABEL, EMERGENCY BOLT				1				
15	1	177050-02821	LABEL, STRAINER				1				
16	1	128296-07300	LABEL, DANGER				1	1			
17	1	196630-12980	LABEL				1	1			
18	1	129670-07560	LABEL, BSO2	1	1	1					
19	1	129671-07560	LABEL, BSO				1	1			
20	1	177088-02430	LABEL	1							Z
		(A=E/#25682)									
21	1	177073-02431	LABEL	1							Z
		(A=E/#25682)									

Fig.11. CYLINDER HEAD(4JH3E)

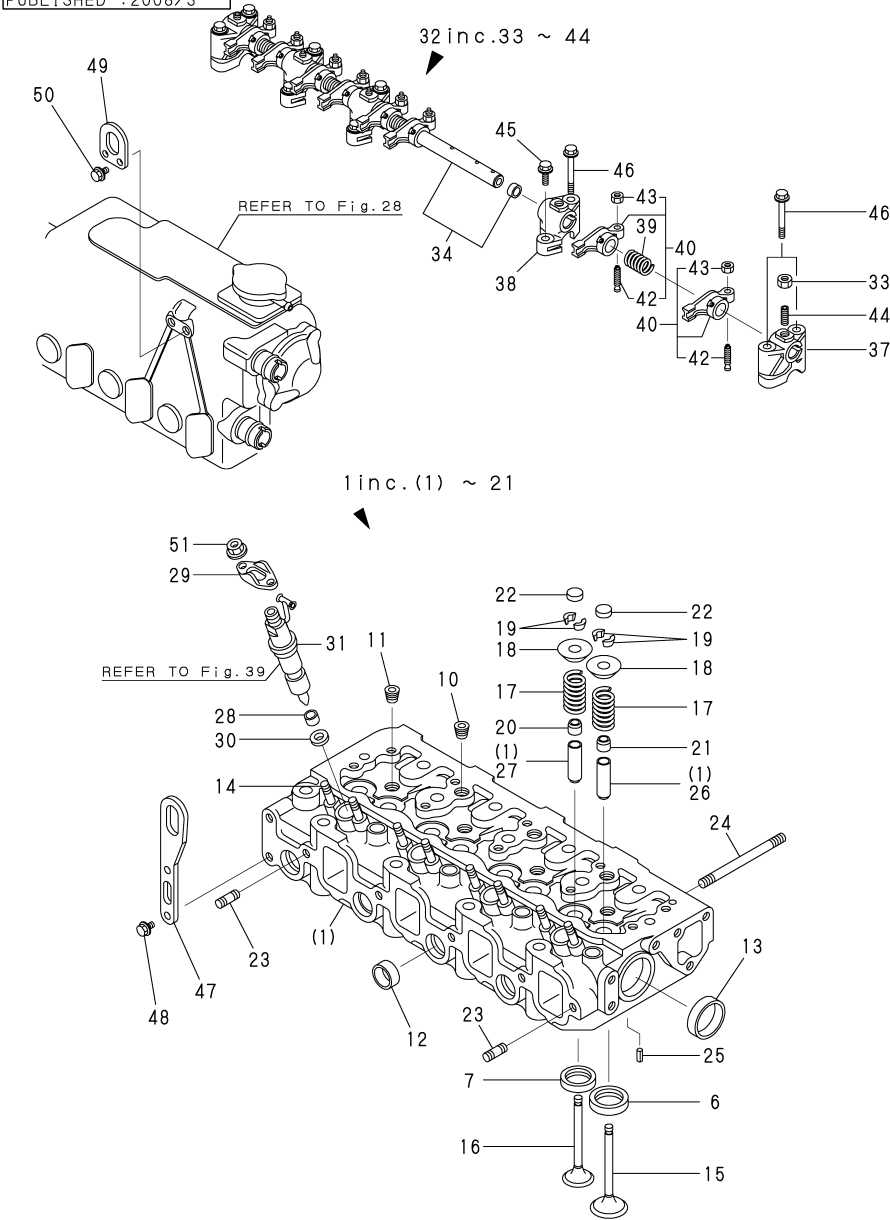


				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1			(D)=4JH3-TE (E)=4JH3-TCE (F)=				
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729670-11700	HEAD ASSY, CYLINDER	1	1	1					
7	3	129470-11080	SEAT, INTAKE VALVE	4	4	4					
8	3	129470-11090	SEAT, EXHAUST VALVE	4	4	4					
9	3	27241-220000	PLUG, 22	4	4	4					
10	3	27241-400000	PLUG, 40	2	2	2					
11	3	26216-060202	STUD, M6X 20	8	8	8					
12	3	23871-020000	PLUG, R02	3	3	3					
13	3	23871-030000	PLUG, R03	4	4	4					
14	2	129150-11370	CAP, VALVE	8	8	8					
15	2	22351-060012	PIN, SPRING 6.0X12	2	2	2					
16	2	26216-080222	STUD, M8X 22	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, NOZZLE	4	4	4					
28	1	119625-11870	PROTECTOR, NOZZLE	4	4	4					W
(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST)											
28-1	1	119625-11872	PROTECTOR, NOZZLE	4	4	4					R
(A=E/#26163) (B=E/#26163) (C=E/#26163)											
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 ADJUST	8	8	8					
39	3	129150-11750	NUT, M8	8	8	8					
40	2	26226-080182	STUD, M8X 18	3	3	3					
40-1	2	119802-11280	STUD	3	3	3					R
(A=E/#25626) (B=E/#25626) (C=E/#25626)											
41	2	26756-080002	NUT, LOCK M8	3	3	3					
42	1	26106-080252	BOLT, M8X 25 PLATED	3	3	3					
43	1	26106-080502	BOLT, M8X 50 PLATED	7	7	7					
44	1	129900-07900	LIFTER	2	2	2					
45	1	26106-080162	BOLT, M8X 16 PLATED	4	4	4					
46	1	129470-07230	LIFTER	1	1	1					
47	1	26106-080162	BOLT, M8X 16 PLATED	2	2	2					

Remarks
(1)REPAIR PART

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

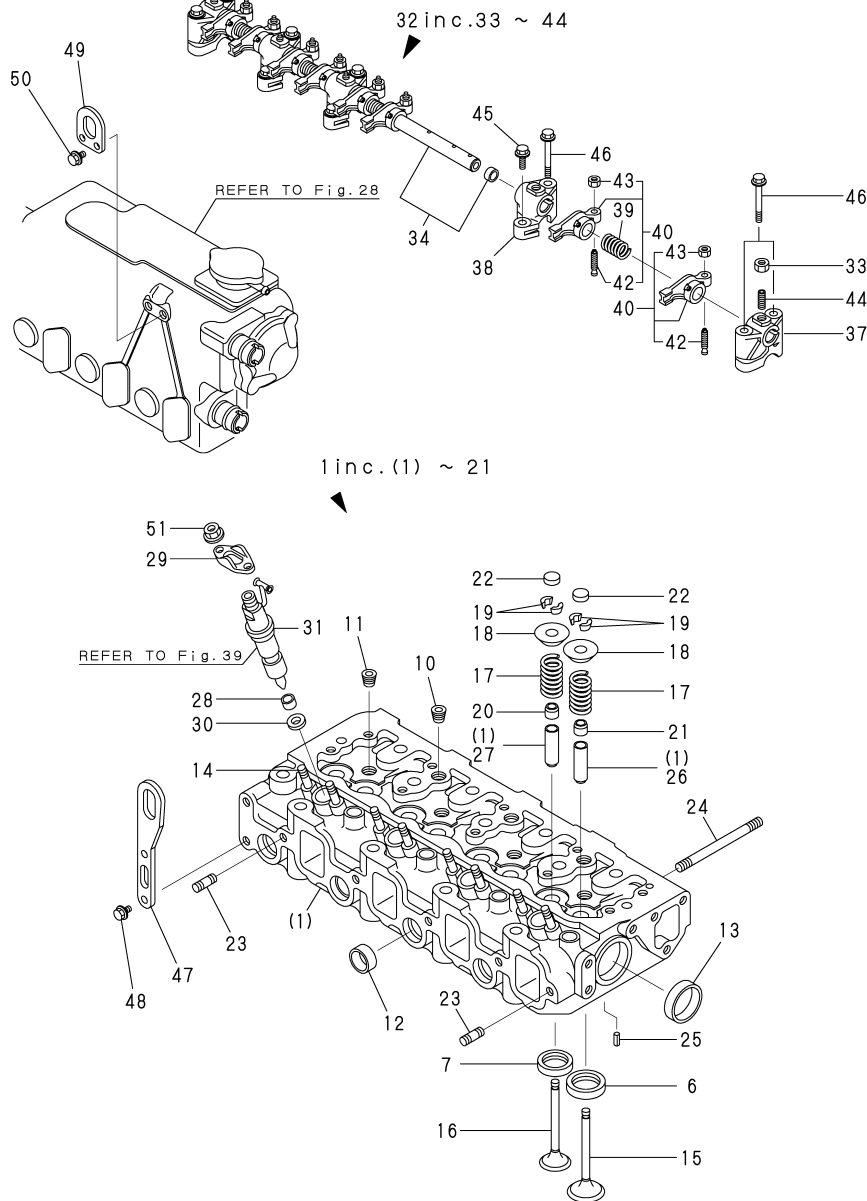
P/C NEWS No.:Y00R4671-6
PUBLISHED : 2008/3



				OCR10-M46701		Fig.12					
				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1		(D)=4JH3-TE (E)=4JH3-TCE (F)=					
No.	Lev.	Parts No.	Description	Q'ty							
				(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729697-11700	HEAD ASSY, CYLINDER					1	1		
1-1	1	729672-11000	HEAD ASSY, CYLINDER					1	1		N
				(D=*2003.06)	(E=*2003.06)						
6	3	129795-11080	SEAT, INTAKE VALVE					4	4		
7	3	129795-11090	SEAT, EXHAUST VALVE					4	4		
10	3	23876-020000	PLUG, R02					3	3		
10-1	3	121850-11860	PLUG, PT1/4					3	3		N
				(D=*2008.01)	(E=*2008.01)						
11	3	23876-030000	PLUG, R03					4	4		
12	3	27241-220000	PLUG, 22					4	4		
13	3	27241-400000	PLUG, 40					2	2		
14	2	26216-060202	STUD, M6X 20					8	8		
15	2	129120-11100	VALVE, INTAKE					4	4		
16	2	129120-11110	VALVE, EXHAUST					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		
22	1	129150-11370	CAP, VALVE					8	8		
23	1	26216-080222	STUD, M8X 22					2	2		
24	1	26216-081002	STUD, M8X100					2	2		
25	1	22351-060012	PIN, SPRING 6.0X12					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, NOZZLE					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	NUT, LOCK M8					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 ADJUST					8	8		
43	3	129150-11750	NUT, M8					8	8		
44	2	26226-080182	STUD, M8X 18					3	3		
44-1	2	119802-11280	STUD					3	3		R
				(D=E/#12753)	(E=E/#12753)						
45	1	26106-080252	BOLT, M8X 25 PLATED					3	3		
46	1	26106-080502	BOLT, M8X 50 PLATED					7	7		
47	1	129900-07900	LIFTER					2	2		
48	1	26106-080162	BOLT, M8X 16 PLATED					4	4		
49	1	129470-07230	LIFTER					1	1		
50	1	26106-080162	BOLT, M8X 16 PLATED					2	2		

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

P/C NEWS No. : Y00R4671-6
PUBLISHED : 2008/3



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

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

[illegible]

Remarks
(1)REPAIR PART

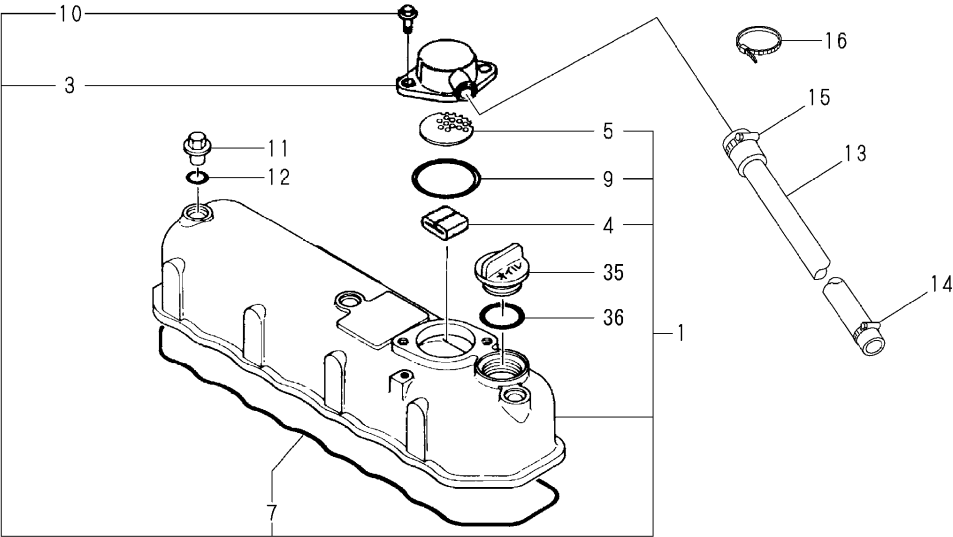
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.13. BONNET

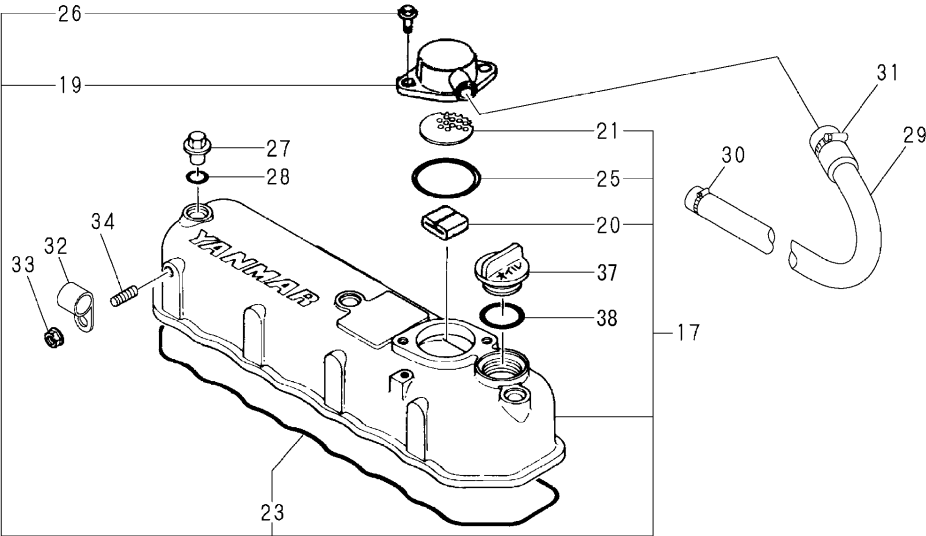
(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

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

4JH3E/CE/CE1

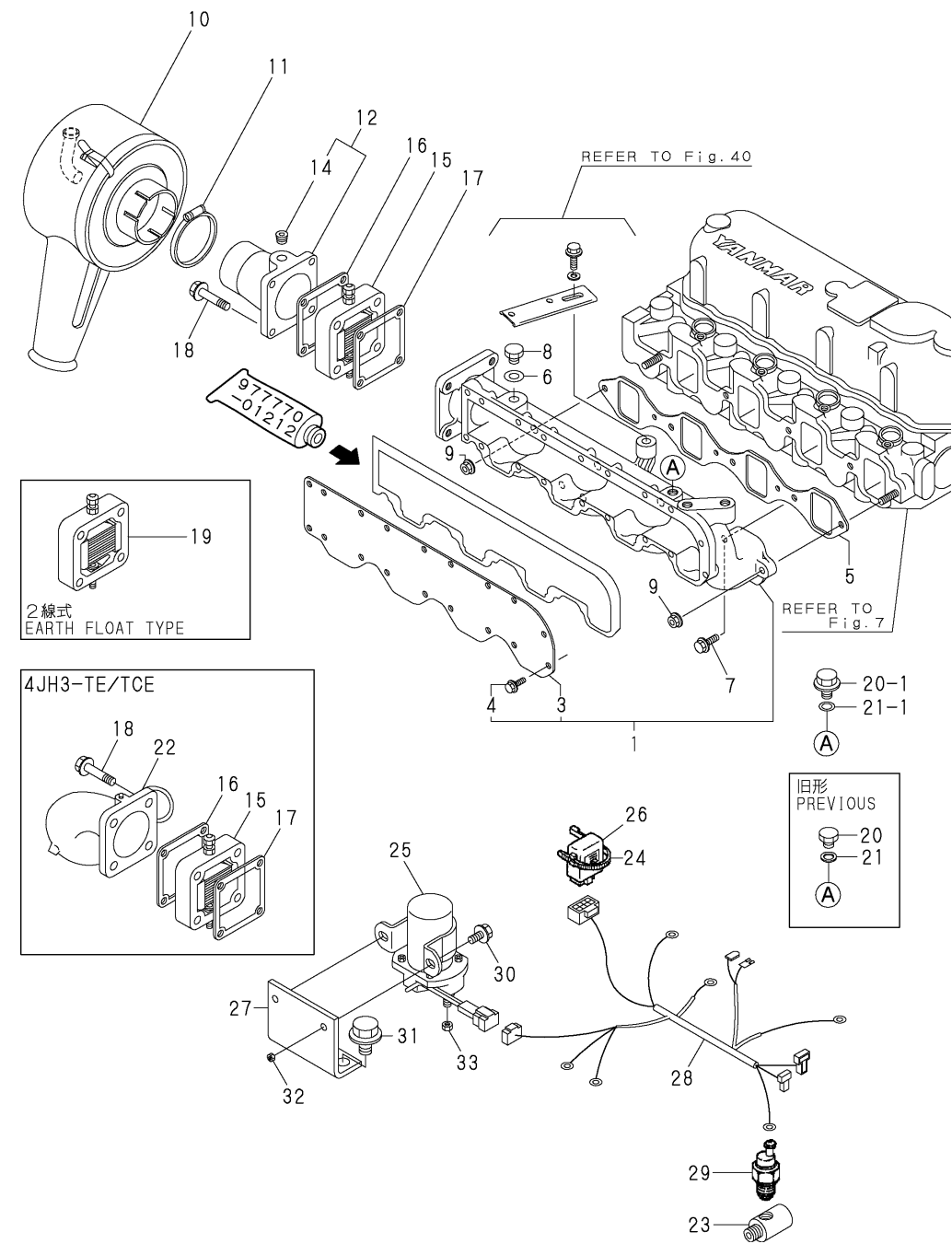


4JH3-TE/TCE



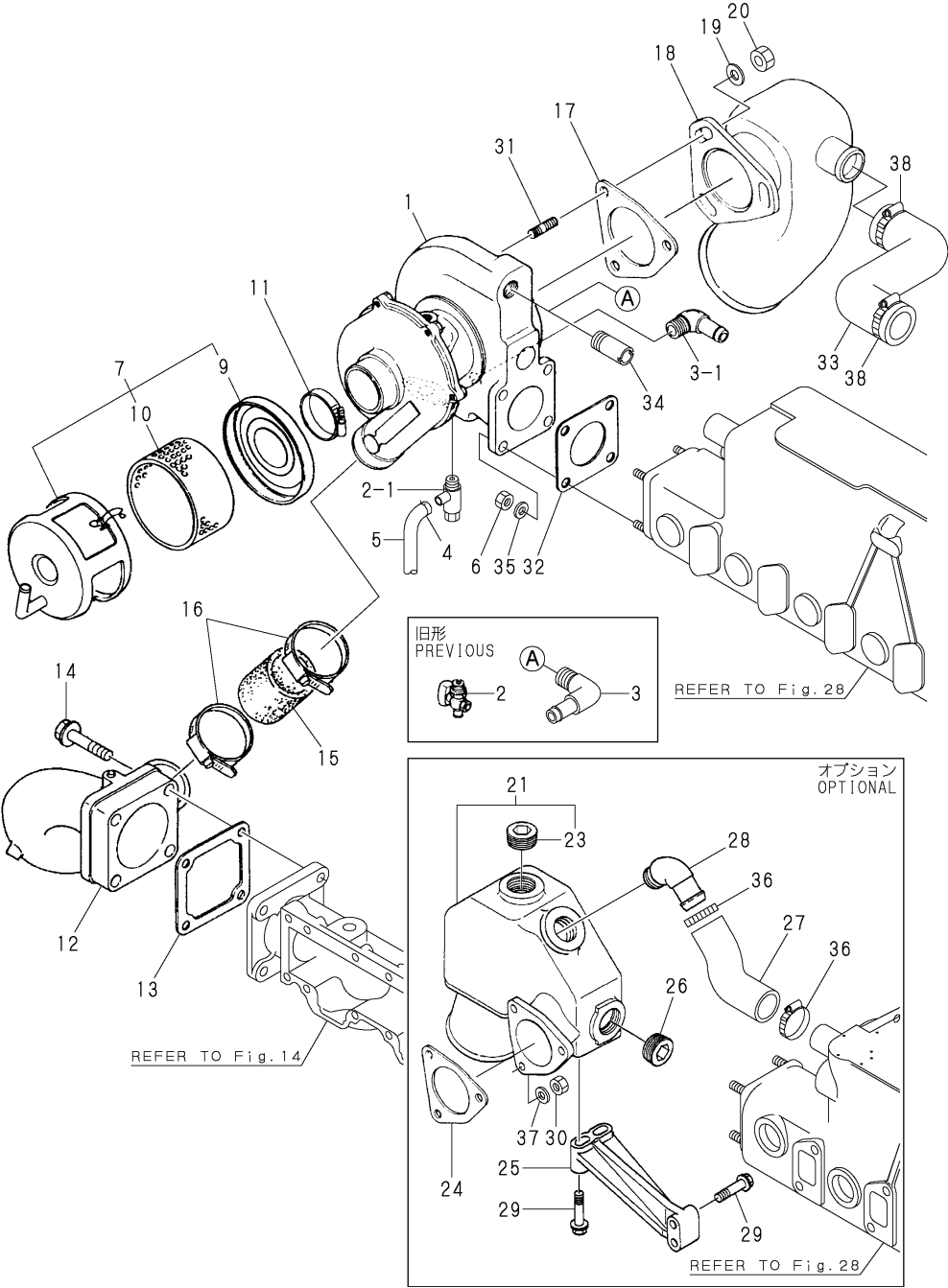
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129400-11350	BONNET ASSY, HEAD	1	1	1					
3	2	129150-03020	COVER, BREATHER	1	1	1					
4	2	129150-03070	BAFFLE, BREATHER	1	1	1					
5	2	129150-03080	PLATE, BAFFLE	1	1	1					
7	2	129550-11310	GASKET, BONNET	1	1	1					
9	2	24341-000500	O-RING, 1AS50.0	1	1	1					
10	2	26106-080162	BOLT, M8X 16 PLATED	2	2	2					
11	1	124160-11360	KNOB	3	3	3					
12	1	24311-000120	O-RING, 1AP12.0	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	CLIP	1	1	1					
16	1	121750-59890	BAND, 140	1	1	1					
17	1	129577-11350	BONNET ASSY, HEAD				1	1			
19	2	129150-03020	COVER, BREATHER				1	1			
20	2	129150-03070	BAFFLE, BREATHER				1	1			
21	2	129150-03080	PLATE, BAFFLE				1	1			
23	2	129550-11310	GASKET, BONNET				1	1			
25	2	24341-000500	O-RING, 1AS50.0				1	1			
26	2	26106-080162	BOLT, M8X 16 PLATED				2	2			
27	1	124160-11360	KNOB				3	3			
28	1	24311-000120	O-RING, 1AP12.0				3	3			
29	1	129672-03090	PIPE , BREATHER				1	1			
30	1	129301-03660	CLAMP 16				1	1			
31	1	129410-03990	CLIP				1	1			
32	1	23297-160081	CLAMP, A16X 8				1	1			
33	1	26306-080002	NUT, M8				1	1			
34	1	121850-01910	STUD, M8X12				1	1			
35	1	124160-01751	COVER, FILLER	1	1	1					
36	1	24311-000320	O-RING, 1AP32.0	1	1	1					
37	1	124160-01751	COVER, FILLER				1	1			
38	1	24311-000320	O-RING, 1AP32.0				1	1			

OCR10-M46701 4JH3E(CE/CE1)-TE(TCE)
Fig.14. SUCTION MANIFOLD



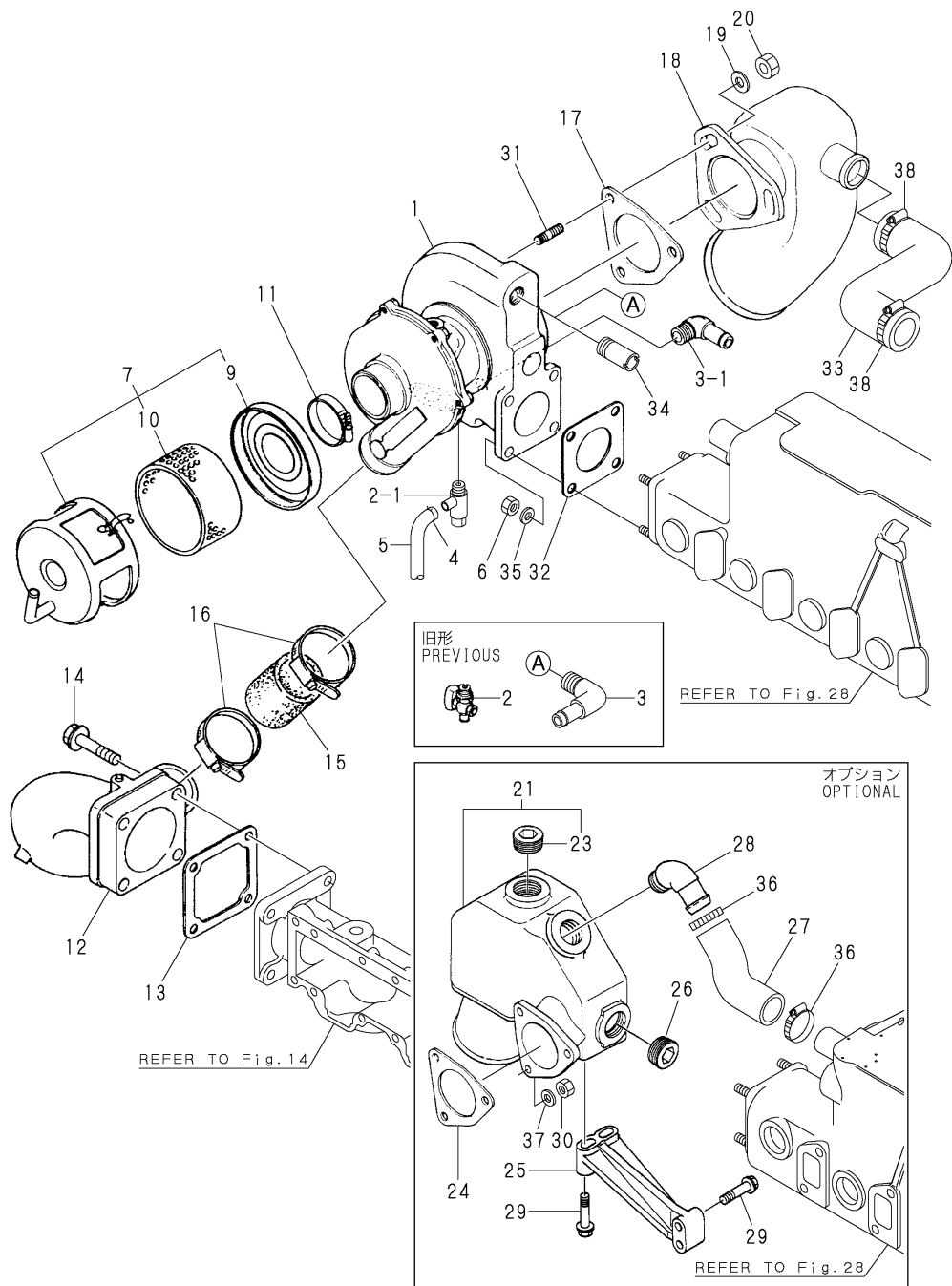
				OCR10-M46701 Fig.14								
				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1	(D)=4JH3-TE (E)=4JH3-TCE (F)=							
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty (D)	(E)	(F)	I	R	
1	1	129470-12100	MANIFOLD ASSY,INTAKE	1	1		1					
1-1	1	129698-12100	MANIFOLD ASSY,INTAKE	1	1	1	1	1			R	
		(A=E/#20576)	(B=E/#20576)			(D=E/#10001)						
3	2	129470-12120	COVER, MANIFOLD	1	1	1	1	1				
4	2	26476-060142	SCREW, TAPPING M6X14	18	18	18	18	18				
5	1	129470-12130	GASKET, MANIFOLD	1	1	1	1	1				
6	1	23414-100000	GASKET, 10X1.0	1	1	1	1	1				
7	1	26106-080202	BOLT, M8X 20 PLATED	3	3	3	3	3				
8	1	26106-100122	BOLT, M10X 12 PLATED	1	1	1	1					
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, M8	2	2	2	2	2				
10	1	129570-12300	SILENCER ASSY	1	1	1						
11	1	23000-054000	CLAMP, 54	1	1	1						
12	2	129470-12210	JOINT ASSY	1	1	1						
14	2	23876-010000	PLUG, R01	1	1	1						
15	1	129100-77500	HEATER, AIR 12V	1	1	1	1	1				
16	1	129100-77510	GASKET	1	1	1	1	1				
17	1	129470-77590	GASKET	1	1	1	1					
17-1	1	129470-77590	GASKET					2	2		K	
						(D=E/#10183)						
18	1	26106-080402	BOLT, M8X 40 PLATED	4	4	4	4	4				
19	1	129400-77501	HEATER	1	1	1	1	1				
20	1	123482-01900	PLUG, M8-1.25	1	1		1				W	
		(A=E/#20576)	(B=E/#20576)			(D=E/#10001)						
20-1	1	26106-080122	BOLT, M8X 12 PLATED	1	1	1	1	1			R	
		(A=E/#20776)	(B=E/#20776)			(D=E/#10021)						
21	1	23414-080000	GASKET, 8X1.0	1	1		1				W	
		(A=E/#20576)	(B=E/#20576)			(D=E/#10001)						
21-1	1	22190-080002	WASHER, SEAL 6	1	1	1	1	1			R	
		(A=E/#20776)	(B=E/#20776)			(D=E/#10021)						
22	1	129571-18140	DUCT, AIR				1	1				
23	1	129671-49990	JOINT, R3/8				1	1				
24	1	194250-51660	BAND, NYLON				2	2				
25	1	119575-77060	RELAY, HEATER				1	1				
26	1	119575-77071	CONTROLLER				1	1				
27	1	129671-77510	BRACKET, RELAY				1	1				
28	1	129671-77920	HARNESS, WIRE				1	1				
29	1	124616-91370	SWITCH, 42				1	1				
30	1	26106-060122	BOLT, M6X 12 PLATED				3	3				
31	1	26106-100162	BOLT, M10X 16 PLATED				2	2				
32	1	26716-060002	NUT, M6				2	2				
33	1	26716-080002	NUT, M8				2	2				

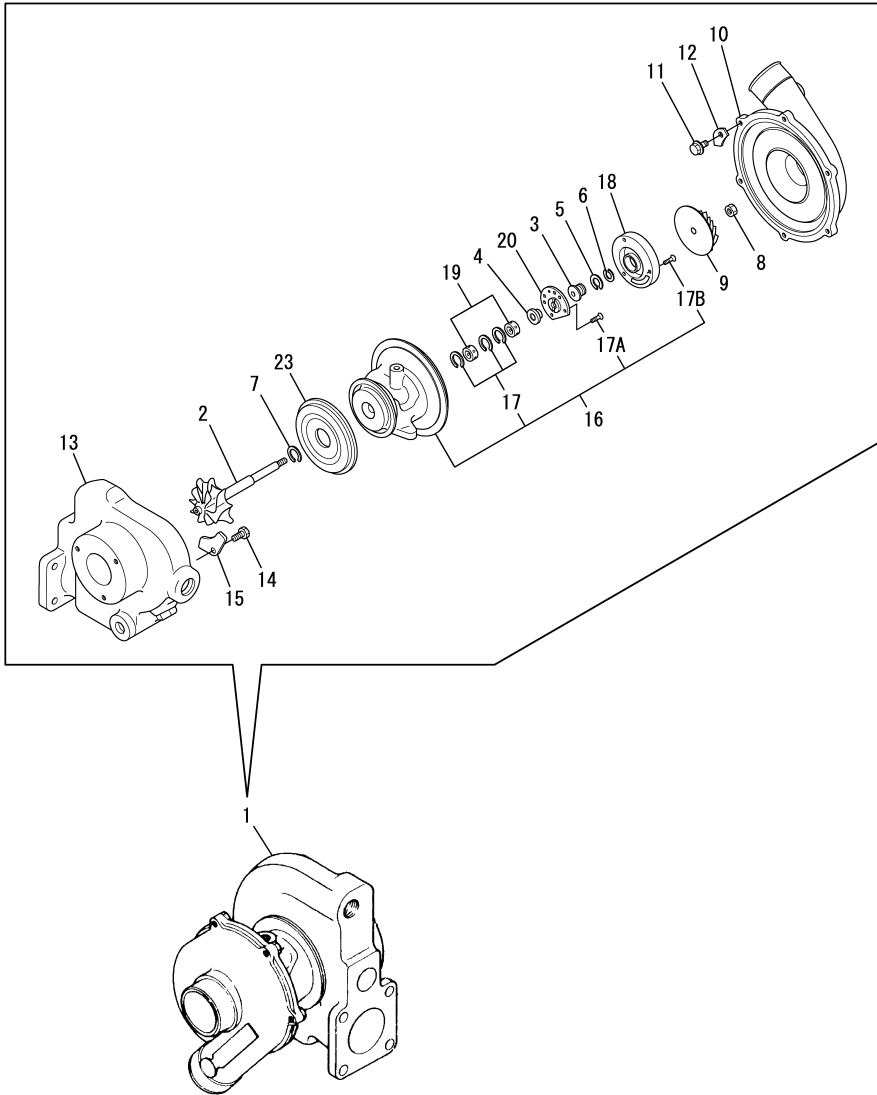
Fig.15. TURBINE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129671-18001	TURBINE, B52W-TE				1	1			
2	1	128695-44090	COCK				1				
2-1	1	129670-49290	COCK ASSY, R1/8				1	1		N	
(D=E/#10333)											
3	1	171007-49400	JOINT				2				
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, M8				4	4			
7	1	129470-12301	SILENCER ASSY				1	1			
9	2	129470-12320	PLATE				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				1	1			
14	1	26106-080402	BOLT, M8X 40 PLATED				4	4			
15	1	129595-18141	JOINT, RUBBER				1	1			
16	1	23000-060000	CLAMP, 60				2	2			
17	1	129472-13520	GASKET				1	1			
18	1	129671-13550	ELBOW				1	1			
19	1	22137-080000	WASHER, 8				3	3			
20	1	26703-080002	NUT, M8				3	3			
21	1	129472-13500	ELBOW ASSY				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, WATER				1				
27-1	1	129671-49050	PIPE, WATER				1	1		R	
(D=E/#11493)											
28	1	123325-49421	JOINT, PIPE				1	1			
29	1	26106-080352	BOLT, M8X 35 PLATED				4	4			
30	1	26703-080002	NUT, M8				3	3			
31	1	128170-13600	STUD, M8X31				3	3			
32	1	129472-18090	GASKET				1	1			
33	1	129472-49040	PIPE, WATER				1				
33-1	1	129673-49050	PIPE, WATER				1	1		R	
(D=E/#10799)											
34	1	104407-44480	JOINT				1	1		W	
(D=E/#10005)											
35	1	22133-080000	WASHER, 8				4	4		W	
(D=E/#10021)											
36	1	23000-035000	CLAMP, 35				2			W	
(D=E/#10183)											
36-1	1	129670-49500	CLIP, HOSE 38				2	2		R	
(D=E/#11597)											
37	1	22137-080000	WASHER, 8				3	3		W	
(D=E/#10183)											
38	1	23000-035000	CLAMP, 35				2				
38-1	1	129670-49500	CLIP, HOSE 38				2	2		R	

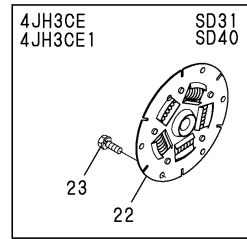
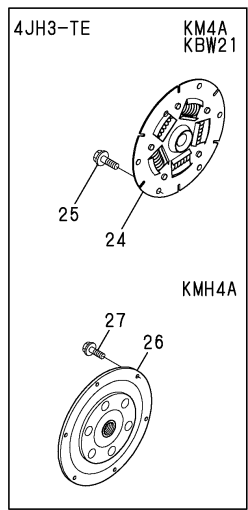
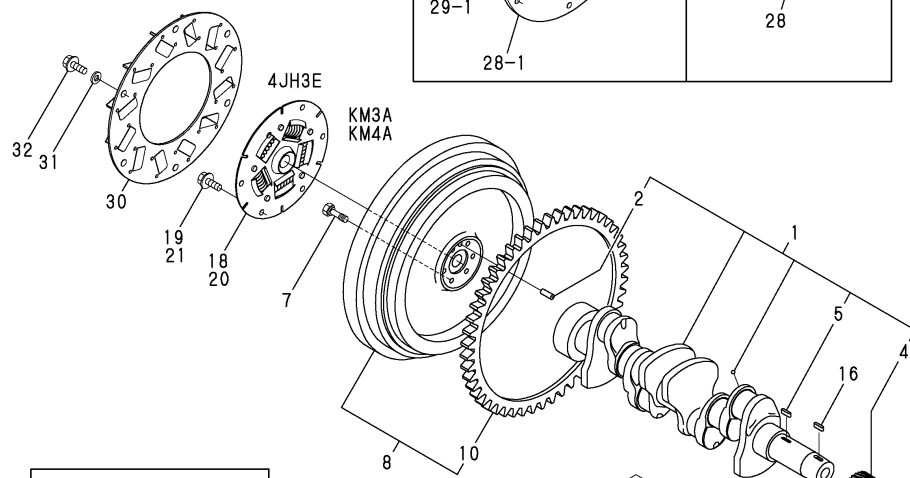
Fig.15. TURBINE

[illegible]



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129671-18001	TURBINE, RHB52YW				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				4	4			
15	2	XNN137423	RETAINER				4	4			
16	2	XNE923383	HOUSING,BEARING				1	1			
17	3	XNN133208	CIRCLIP				3	3			
17A	3	XNB133206	SCREW				4	4			
17B	3	XNB133208	SCREW(SEAL PLATE				3	3			
18	2	XNN133022	PLATE, SEAL				1	1			
19	2	XNN133506	METAL, FLOATING				2	2			
20	2	XNN133596	METAL,THRUST				1	1			
23	2	XNN137055	PROTECTOR, HEAT				1	1			

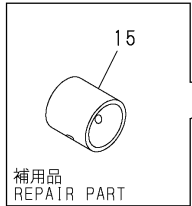
Fig.18. CRANKSHAFT & FLYWHEEL



				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1	(D)=4JH3-TE (E)=4JH3-TCE (F)=					I	R
No.	Lev.	Parts No.	Description	(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	PIN, M8X16	1	1	1	1	1			
4	2	129150-21200	GEAR, CRANKSHAFT	1	1	1	1	1			
5	2	22512-070140	KEY, 7X 14	1	1	1	1	1			
7	1	121111-21501	BOLT, FLYWHEEL	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	GEAR, RING					1	1		
11	1	121850-21130	BOLT, FLYWHEEL	1	1	1	1	1			
12	1	129693-21650	V-PULLEY, 82.5	1	1	1	1	1			
13	1	129693-21660	WASHER	1	1	1	1	1			
14	1	129693-28010	DAMPER	1	1	1	1	1			
15	1	22217-080000	WASHER, SPRING 8	6	6	6	6	6			
16	1	22512-070160	KEY, 7X 16	1	1	1	1	1			
17	1	26106-080162	BOLT, M8X 16 PLATED	6	6	6	6	6			
18	1	177070-03520	DISK, DAMPER D190	1							
19	1	26106-080162	BOLT, M8X 16 PLATED	6							
20	1	177090-03500	DISC, DAMPER	1							
21	1	26106-080162	BOLT, M8X 16 PLATED	6							
22	1	177099-03500	DISK, DAMPER		1	1					
23	1	26013-080142	BOLT, M8X 14		6	6					
24	1	177090-03500	DISC, DAMPER					1			
25	1	26106-080162	BOLT, M8X 16 PLATED					6			
26	1	129673-81760	DISK, DAMPER					1			
27	1	26106-080202	BOLT, M8X 20 PLATED					6			
28	1	177090-03500	DISC, DAMPER						1		
28-1	1	196440-04310	COUPLING, 250 SP10						1		F 1
(E=*2004.04)											
29	1	26106-080162	BOLT, M8X 16 PLATED						6		
29-1	1	26106-080222	BOLT, M8X 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	WASHER, SPRING 8	6				6			
32	1	26106-080162	BOLT, M8X 16 PLATED	6				6			

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

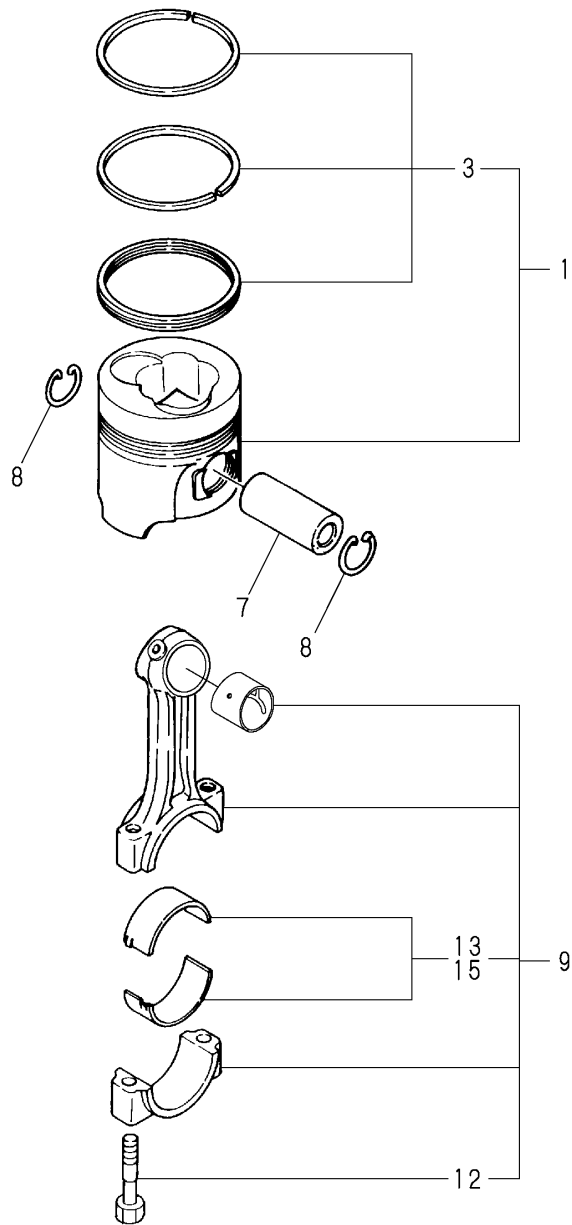
Fig.19. PISTON(4JH3E)



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

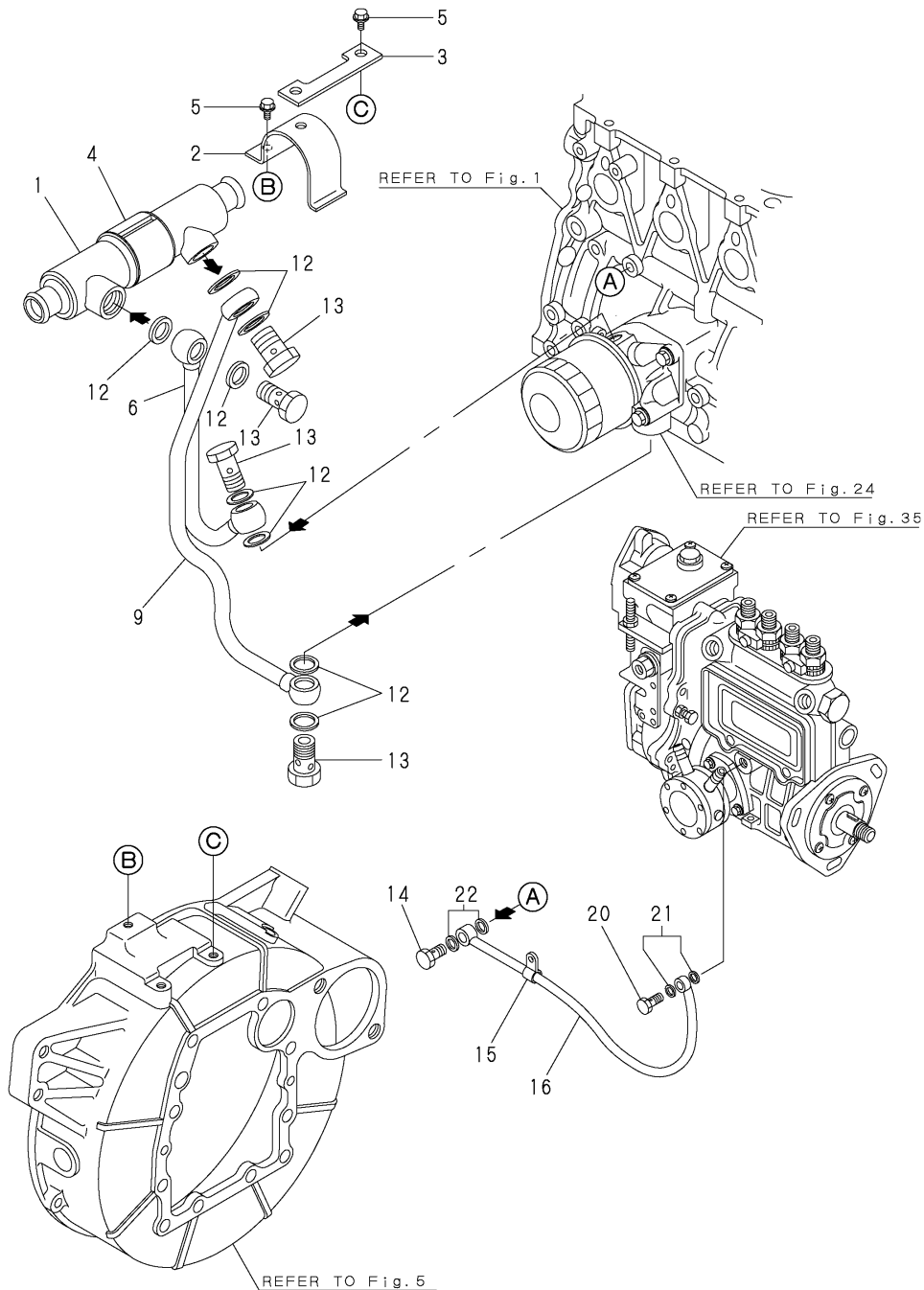
[illegible]

Fig.20. PISTON(4JH3-TE)

[illegible]

Remarks
(1)UNDER-SIZED(0.25) PART
(2)OVER SIZED PART IS NOT SET UP.

Fig.21. LUB.OIL COOLER(4JH3E)



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

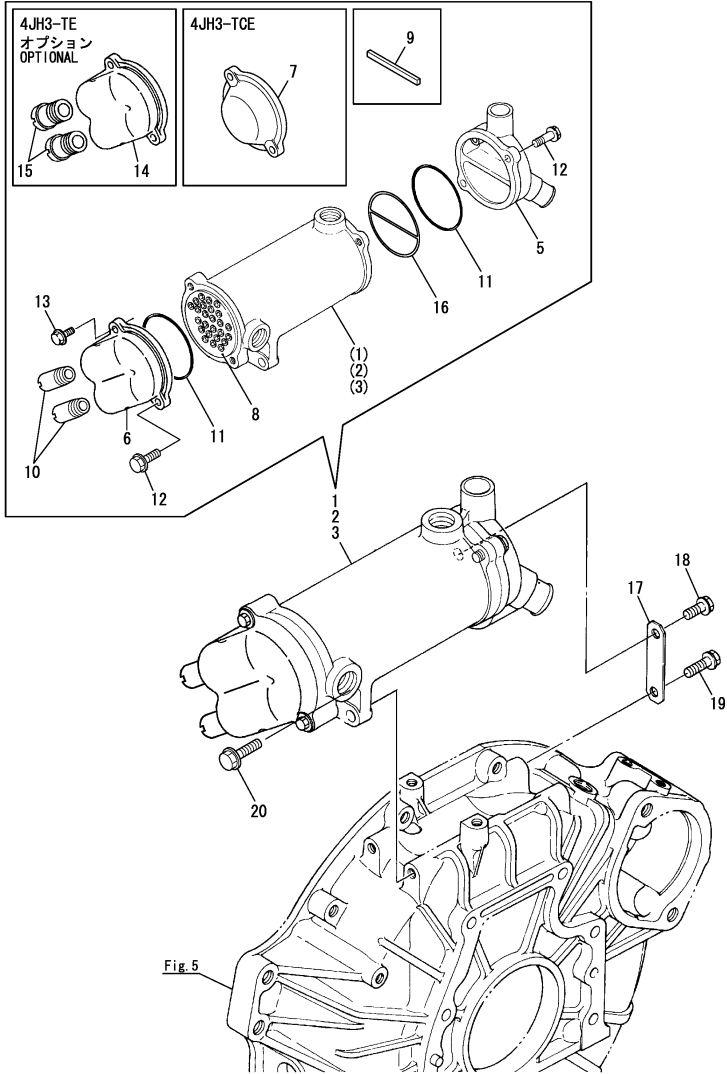
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129670-33000	COOLER, OIL	1	1	1					
2	1	129670-33510	SUPPORT	1	1	1					
3	1	129670-33520	SUPPORT	1	1	1					
4	1	129670-33530	SEAT, RUBBER	1	1	1					
5	1	26106-080122	BOLT, M8X 12 PLATED	3	3	3					
6	1	129670-39201	PIPE ASSY, OIL	1	1	1					
9	1	129670-39300	PIPE ASSY, OIL	1	1	1					
12	1	23414-200000	GASKET, 20X1.0	8	8	8					
13	1	23857-150000	BOLT, JOINT 15	4	4	4					
14	1	124160-39140	BOLT, PIPE JOINT M10	1	1	1					
15	1	124450-39240	RETAINER, PIPE	1	1	1					
16	1	129470-39452	PIPE ASSY, OIL	1	1	1					
20	1	124550-59820	BOLT, PIPE JOINT M8	1	1	1					
21	1	22190-080002	WASHER, SEAL 6	2	2	2					
22	1	23414-100000	GASKET, 10X1.0	2	2	2					

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

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

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

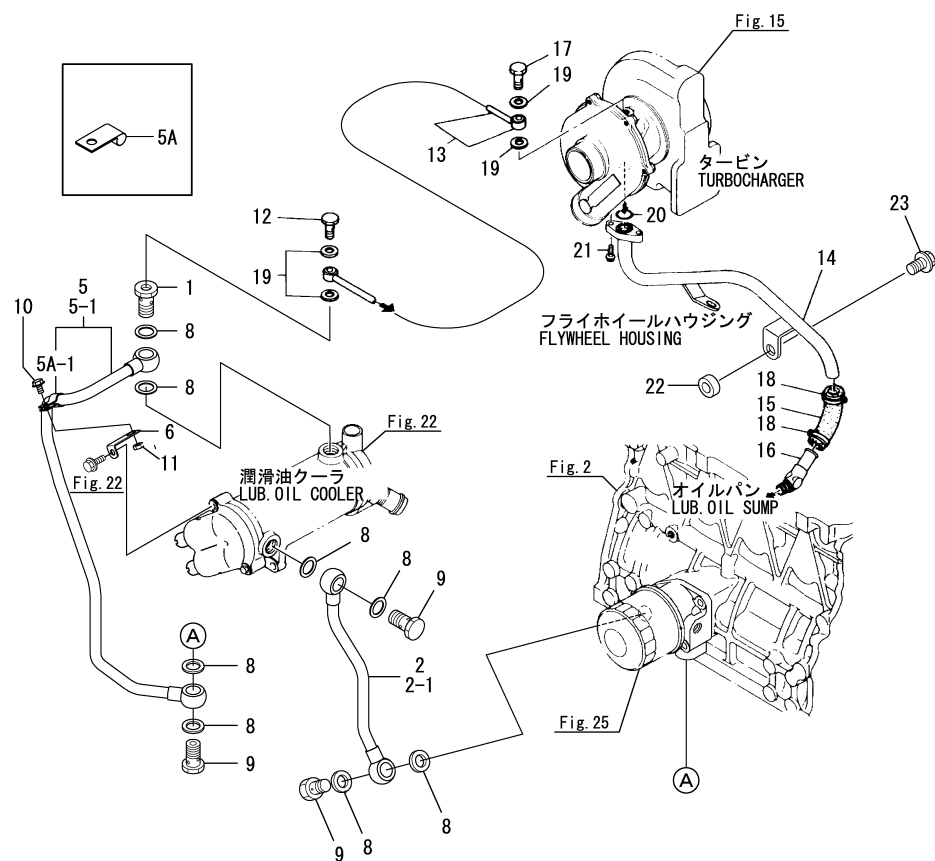


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129673-33000	COOLER ASSY, OIL				1				
1-1	1	129673-33001	COOLER ASSY, OIL				1			R	1
(D=E/#13135)											
2	1	129671-33000	COOLER ASSY, OIL					1			
2-1	1	129671-33001	COOLER ASSY, OIL					1		R	1
(E=E/#13135)											
3	1	129673-33100	COOLER ASSY, OIL				1				2
3-1	1	129673-33101	COOLER ASSY, OIL				1			R	2
(D=E/#13135)											
5	2	129673-33020	COVER, COOLER				1	1			
6	2	129673-33030	COVER, COOLER				1				
7	2	129670-44420	COVER, COOLER					1			
8	2	129673-33040	CORE, COOLER				1	1			
8-1	2	129673-33041	CORE, LUB OIL COOLER				1	1		F	3
(D=E/#13135) (E=E/#13135)											
9	3	129270-44490	SEAL				1				W
(D=FROM 1ST)											
9-1	3	129270-44490	SEAL				1	1			Z
(D=E/#13135) (E=E/#13135)											
10	2	104271-49060	JOINT, PIPE				2				
11	2	24321-000800	O-RING, 1AG80.0				2	2			
12	2	26106-080252	BOLT, M8X 25 PLATED				3	3			
13	2	26106-080302	BOLT, M8X 30 PLATED				1	1			
14	2	129673-33130	COVER, COOLER				1				4
15	2	123325-49421	JOINT, PIPE				2				4
16	2	129673-33050	GASKET, COOLER				1	1		W	
(D=E/#13135) (E=E/#13135)											
17	1	129474-33500	RETAINER				1	1			
18	1	26106-080142	BOLT, M8X 14 PLATED				1	1			
19	1	26106-080162	BOLT, M8X 16 PLATED				1	1			
20	1	26106-080252	BOLT, M8X 25 PLATED				2	2			

Remarks
(1)From made of VALEO made of MOTA.
(2)From made of VALEO made of MOTA.
OPTIONAL
(3)GASKET addition arrangements main
point when CORE ASSY is exchanged
cooler by manufacturer change.
(4)OPTIONAL

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

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129472-39020	BOLT, M20XM10				1	1			
2	1	129693-39250	PIPE ASSY, OIL					1	1		
2-1	1	129693-39251	PIPE ASSY, COOLER				1	1		R	
			(D=EXXXXX)		(E=EXXXXX)						
5	1	129673-39300	PIPE ASSY, OIL				1	1			
5-1	1	129673-39301	PIPE, LUB. OIL				1	1		R	
			(D=EXXXXX)		(E=EXXXXX)						
5A	2	129495-39360	RETAINER				1	1			
5A-1	2	129495-39361	CLAMP				1	1		N	
			(D=EXXXXX)		(E=EXXXXX)						
6	1	129495-39350	STAY				1	1			
8	1	23414-200000	GASKET, 20X1.0				8	8			
9	1	23857-150000	BOLT, JOINT 15				3	3			
10	1	26106-060162	BOLT, M6X 16 PLATED				1	1			
11	1	26756-060002	NUT, LOCK M6				1	1			
12	1	121252-39150	BOLT, JOINT M10X1.5				1	1			
13	1	129474-39450	PIPE ASSY, OIL				1	1			
14	1	129693-39600	PIPE, OIL				1	1			
15	1	129792-39610	JOINT, RUBBER				1	1			
16	1	129472-39620	ELBOW, PT3/8				1	1			
17	1	124413-39710	BOLT, PIPE JOINT M10				1	1			
18	1	23000-025000	CLAMP, 25				2	2			
19	1	23414-100000	GASKET, 10X1.0				4	4			
20	1	24314-000180	O-RING, 4CP18.0				1	1			
21	1	26106-060162	BOLT, M6X 16 PLATED				2	2			
22	1	129301-34830	SPACER				1	1			
23	1	26106-100252	BOLT, M10X 25 PLATED				1	1			

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

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

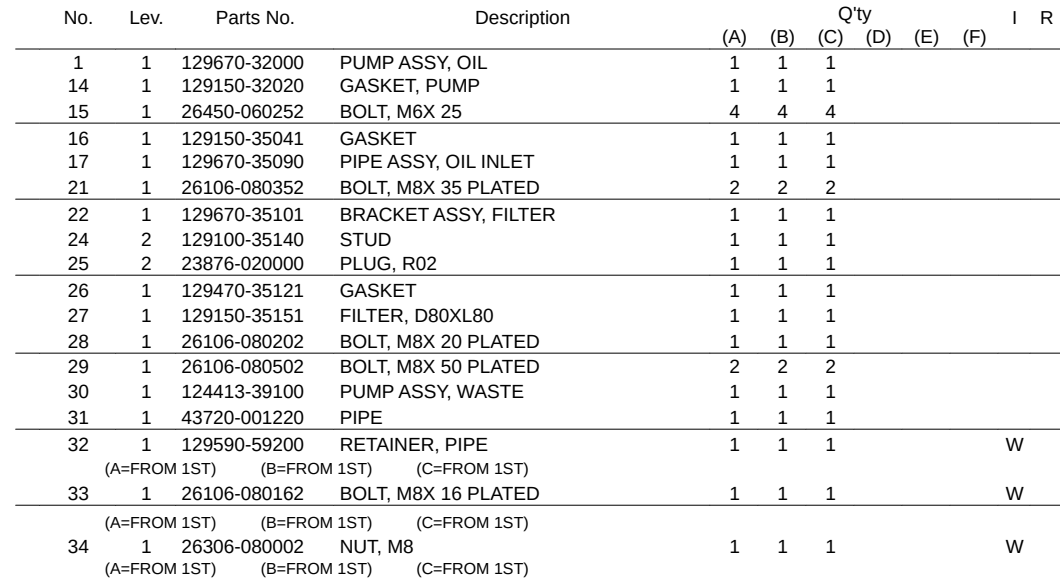
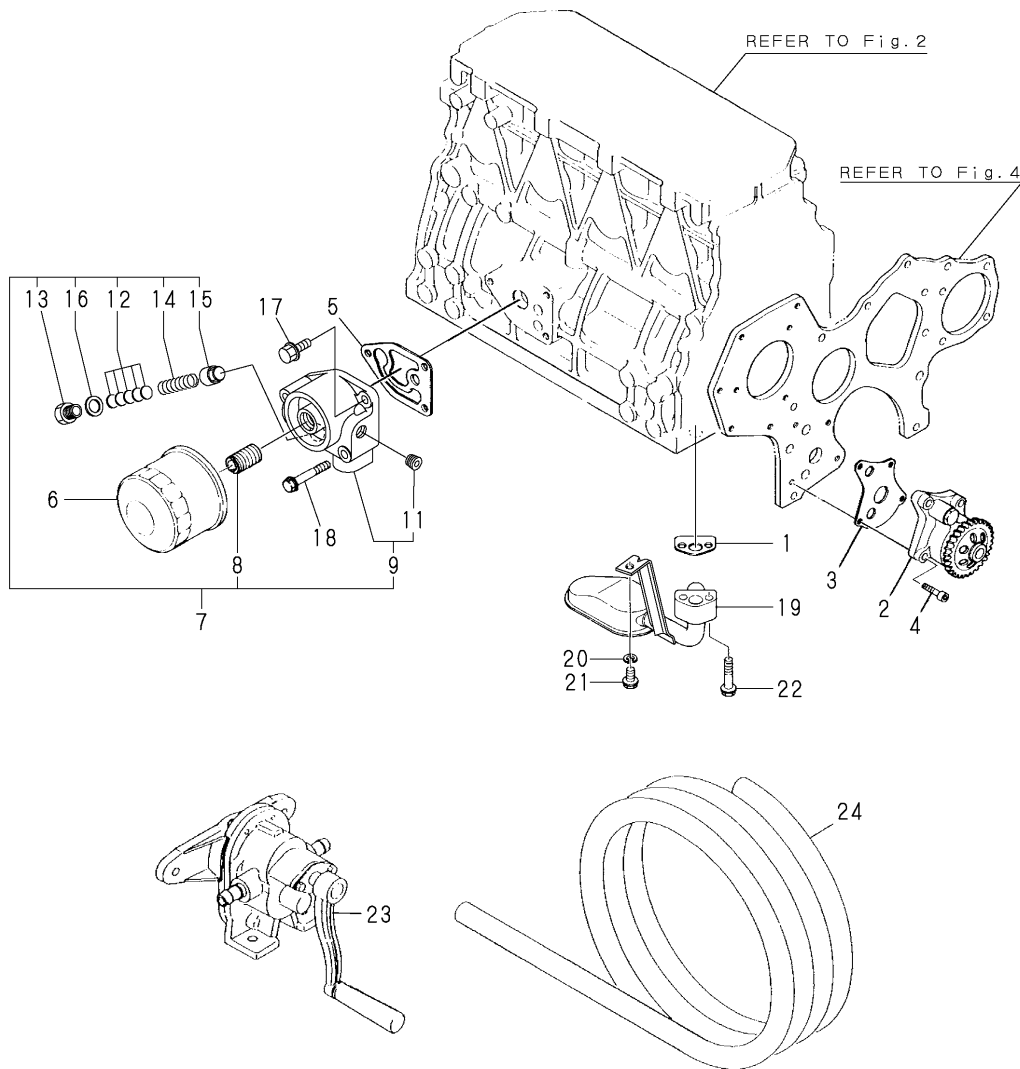
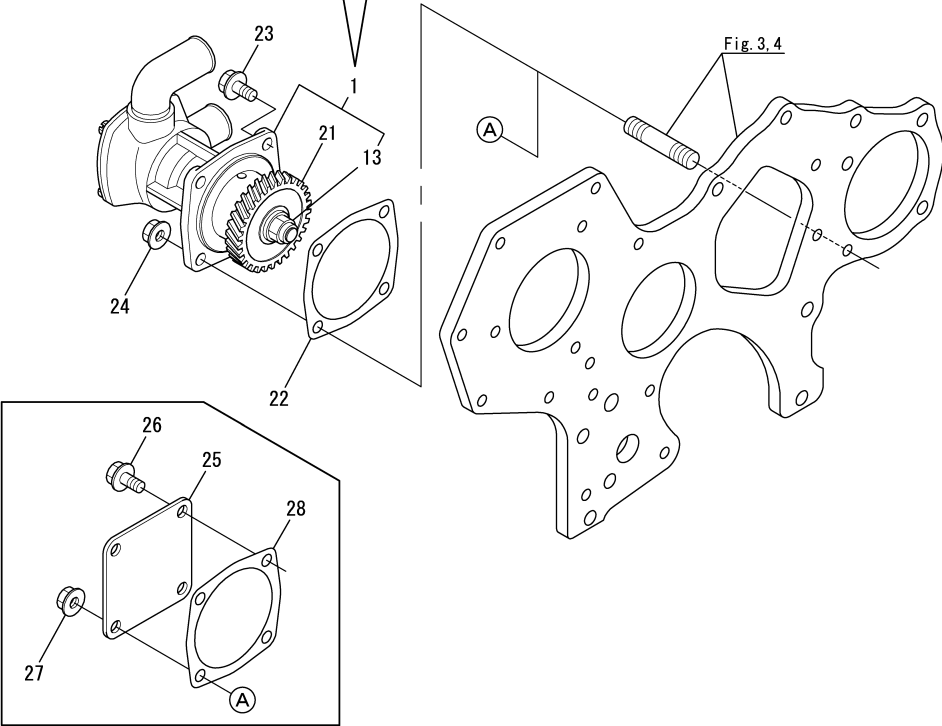
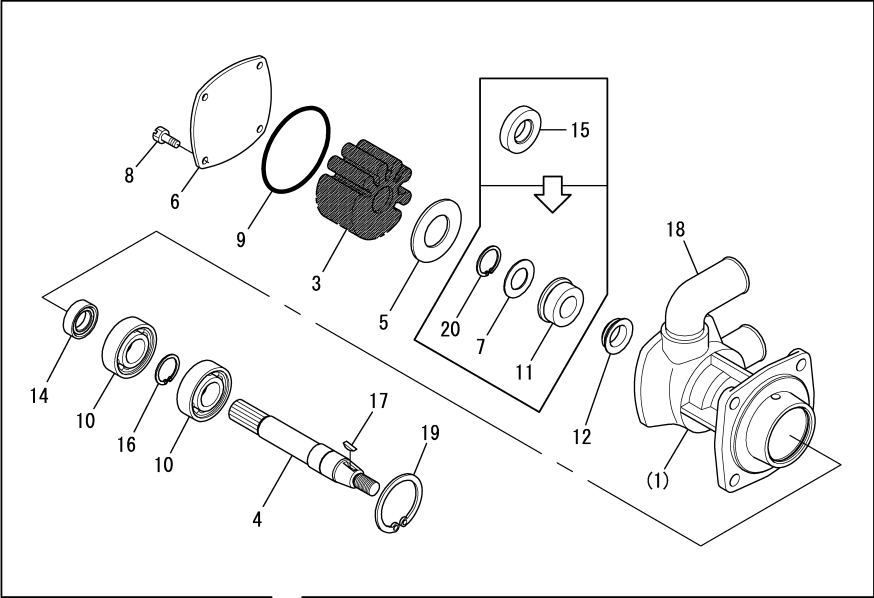


Fig.25. LUB.OIL SYSTEM(4JH3-TE)



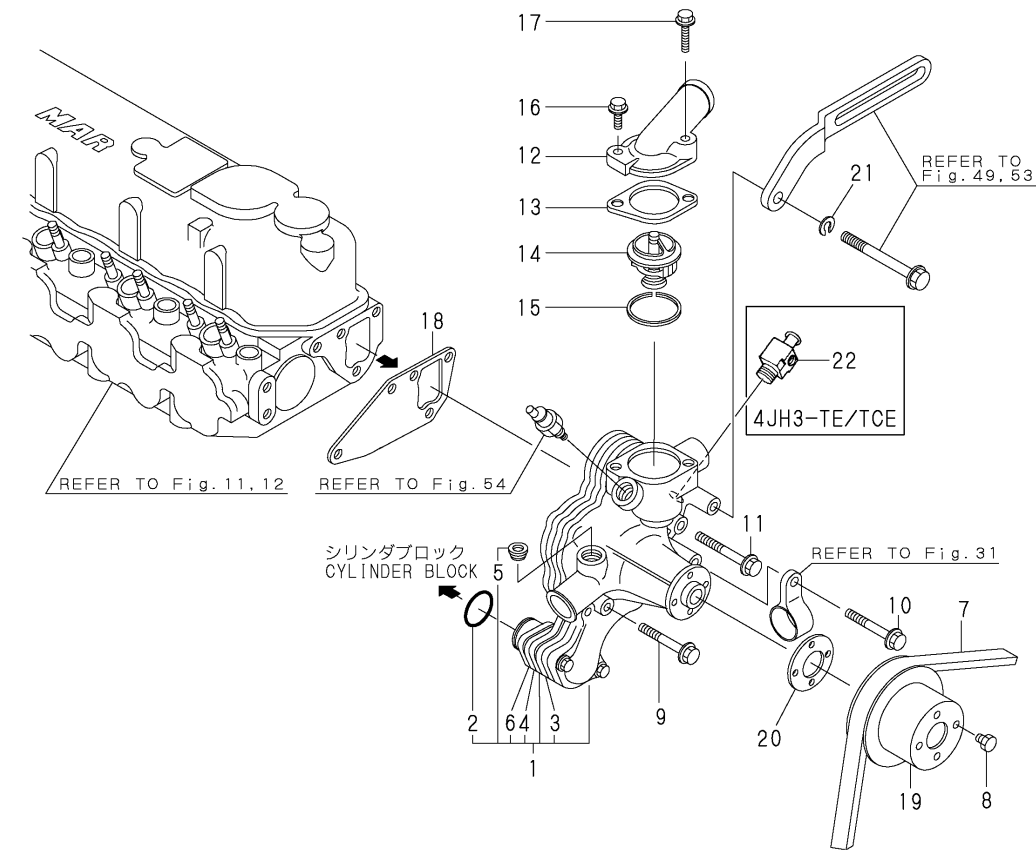
No.	Lev.	Parts No.	Description	(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1			(D)=4JH3-TE (E)=4JH3-TCE (F)=		
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	129470-35040	GASKET				1	1	
2	1	129470-32000	PUMP ASSY, OIL				1	1	
3	1	129150-32020	GASKET, PUMP				1	1	
4	1	26450-060252	BOLT, M6X 25				4	4	
5	1	129693-35130	GASKET				1	1	
6	1	129150-35151	FILTER, D80XL80				1	1	
7	1	129693-35150	BRACKET ASSY, FILTER				1	1	
8	2	129100-35140	STUD				1	1	
9	2	129693-35170	BRACKET ASSY				1	1	
11	3	23876-020000	PLUG, R02				1	1	
12	2	121850-35200	SHIM SET				1	1	
13	2	124223-35510	RETAINER, SPRING				1	1	
14	2	121850-35520	SPRING				1	1	
15	2	121850-35531	VALVE, CONTROL				1	1	
16	2	23414-180000	GASKET, 18X1.0				1	1	
17	1	26106-080202	BOLT, M8X 20 PLATED				1	1	
18	1	26106-080502	BOLT, M8X 50 PLATED				2	2	
19	1	129473-35091	PIPE ASSY, OIL INLET				1	1	
20	1	22217-080000	WASHER, SPRING 8				1	1	
21	1	26106-080142	BOLT, M8X 14 PLATED				1	1	
22	1	26106-080352	BOLT, M8X 35 PLATED				2	2	
23	1	124413-39100	PUMP ASSY, WASTE				1	1	
24	1	43720-001220	PIPE				1	1	

Fig.26. COOLING SEA WATER PUMP



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129670-42500	PUMP ASSY, WATER	1	1		1				
1-1	1	129670-42501	PUMP ASSY, WATER	1	1		1				R
(A=E22126) (B=E22126) (D=E10584)											
1-2	1	129670-42510	PUMP ASSY, WATER	1	1	1	1	1			N
(A=E22643) (B=E22643) (D=E10799)											
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			
7	2	129670-42550	WASHER	1	1	1	1	1			W
(A=E22643) (B=E22643) (D=E10799)											
8	2	119175-42620	SCREW	4	4	4	4	4			R
9	2	X0506590	O-RING	1	1	1	1	1			
10	2	X0508129	BEARING	2	2	2	2	2			
11	2	129670-42560	SEAL, MECHANICAL	1	1	1	1	1			W
(A=E22643) (B=E22643) (D=E10799)											
12	2	X0519503	RING	1	1	1	1	1			
13	2	X0505526	NUT, LOCK	1	1	1	1	1			
14	2	X0529105	SEAL	1	1	1	1	1			
15	2	X0529530	SEAL, LIP	1	1		1				Z
(A=E22643) (B=E22643) (D=E10799)											
16	2	X053421	CIRCLIP	1	1	1	1	1			
17	2	129670-42580	KEY	1	1	1	1	1			
18	2	X01357681	CONNECTOR	1	1	1	1	1			
19	2	X0534130	CIRCLIP	1	1	1	1	1			
20	2	129670-42570	CIRCLIP	1	1	1	1	1			W
(A=E22643) (B=E22643) (D=E10799)											
21	1	129670-42700	GEAR, PUMP	1	1	1	1	1			
22	1	129150-01881	GASKET	1	1	1	1	1			
23	1	26106-080162	BOLT, M8X 16 PLATED	3	3	3	3	3			
24	1	26306-080002	NUT, M8	1	1	1	1	1			
25	1	124240-01871	COVER	1	1	1	1	1			
26	1	26106-080162	BOLT, M8X 16 PLATED	3	3	3	3	3			
27	1	26306-080002	NUT, M8	1	1	1	1	1			
28	1	129150-01881	GASKET	1	1	1	1	1			
28-1	1	129C26-01890	GASKET, HO-P	1	1	1	1	1			R
(A=*2012.03) (B=*2012.03) (C=*2012.03) (D=*2012.03) (E=*2012.03)											

Fig.27. COOLING FRESH WATER PUMP

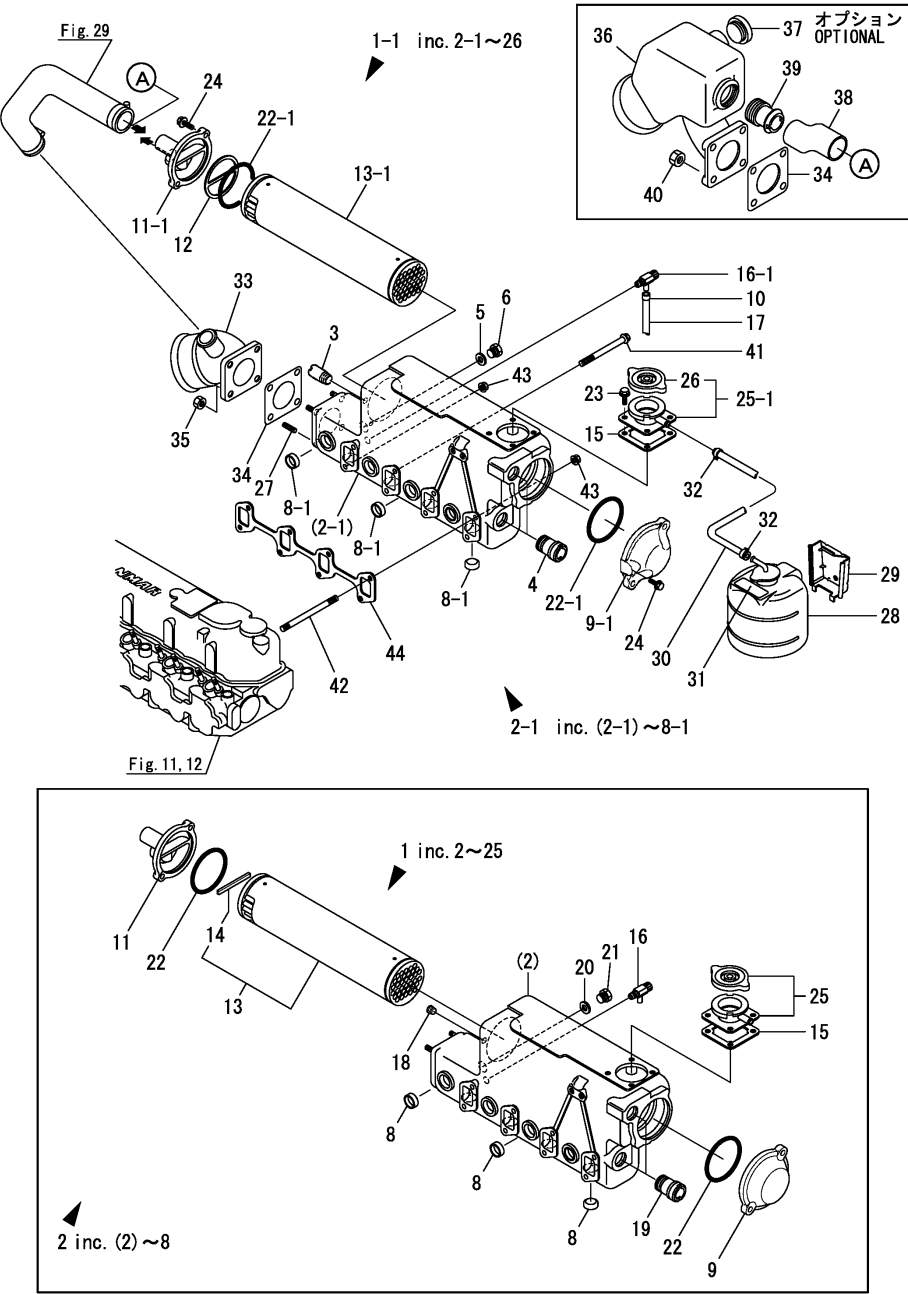


						Q'ty						I R	
						(A)	(B)	(C)	(D)	(E)	(F)		
No.	Lev.	Parts No.	Description	(A)=4JH3E		1	1	1	1	1			
				(B)=4JH3CE	(C)=4JH3CE1								
1	1	129470-42001	PUMP ASSY, WATER			1	1	1	1	1			
1-1	1	129470-42002	PUMP ASSY, WATER			1	1	1	1	1		R	
		(A=E/#25450)	(B=E/#25450)	(C=E/#25450)	(D=E/#12627)	(E=E/#12627)							
2	2	129150-42320	O-RING			1	1	1	1	1			
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)	(E=E/#12627)							
3	2	129470-42050	GASKET			1	1	1	1	1			
3-1	2	129052-42050	GASKET			1	1	1	1	1		R	
		(A=E/#25450)	(B=E/#25450)	(C=E/#25450)	(D=E/#12627)	(E=E/#12627)							
4	2	129470-42310	GASKET			1	1	1	1	1			
4-1	2	129052-42310	GASKET			1	1	1	1	1		R	
		(A=E/#25450)	(B=E/#25450)	(C=E/#25450)	(D=E/#12627)	(E=E/#12627)							
5	2	124085-11690	PLUG, 3/8			3	3	3	3	3			
5-1	2	23875-030000	PLUG, R03			3	3	3	3	3		S	
		(A=E/#25450)	(B=E/#25450)	(C=E/#25450)	(D=E/#12627)	(E=E/#12627)							
6	2	129150-42300	FLANGE			1	1	1	1	1			
7	1	25132-004600	V-BELT, A46			1	1	1	1	1			
8	1	26106-060102	BOLT, M6X 10 PLATED			4	4	4	4	4			
9	1	26106-080552	BOLT, M8X 55 PLATED			2	2	2	2	2			
10	1	26106-080552	BOLT, M8X 55 PLATED			1	1	1					
10A	1	26106-080602	BOLT, M8X 60 PLATED						1	1			
11	1	26106-080552	BOLT, M8X 55 PLATED			1	1	1					
11B	1	26106-080652	BOLT, M8X 65 PLATED						1	1			
12	1	129470-49540	COVER, THERMOSTAT			1	1	1	1	1			
13	1	129795-49551	GASKET			1	1	1	1	1			
14	1	129470-49801	THERMOSTAT, 76.5			1	1	1	1	1			
15	1	129470-49810	GASKET, THERMOSTAT			1	1	1	1	1			
16	1	26106-080252	BOLT, M8X 25 PLATED			1	1	1	1	1			
17	1	26106-080352	BOLT, M8X 35 PLATED			1	1	1	1	1			
18	1	129150-42020	GASKET, WATER PUMP			1	1	1	1	1			
18-1	1	129486-42050	GASKET, WATER PUMP			1	1	1	1	1		R	
		(A=*2002.10)	(B=*2002.10)	(C=*2002.10)	(D=*2002.10)	(E=*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	WASHER, SPRING 8			1	1	1	1	1			
22	1	129473-49310	JOINT, PT3/8-8						1	1			

Fig.28. COOLING FRESH WATER COOLER

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

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

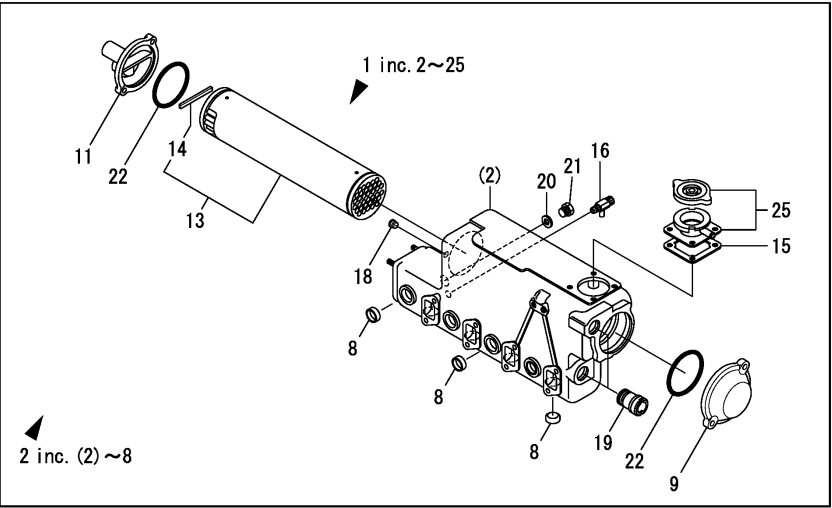
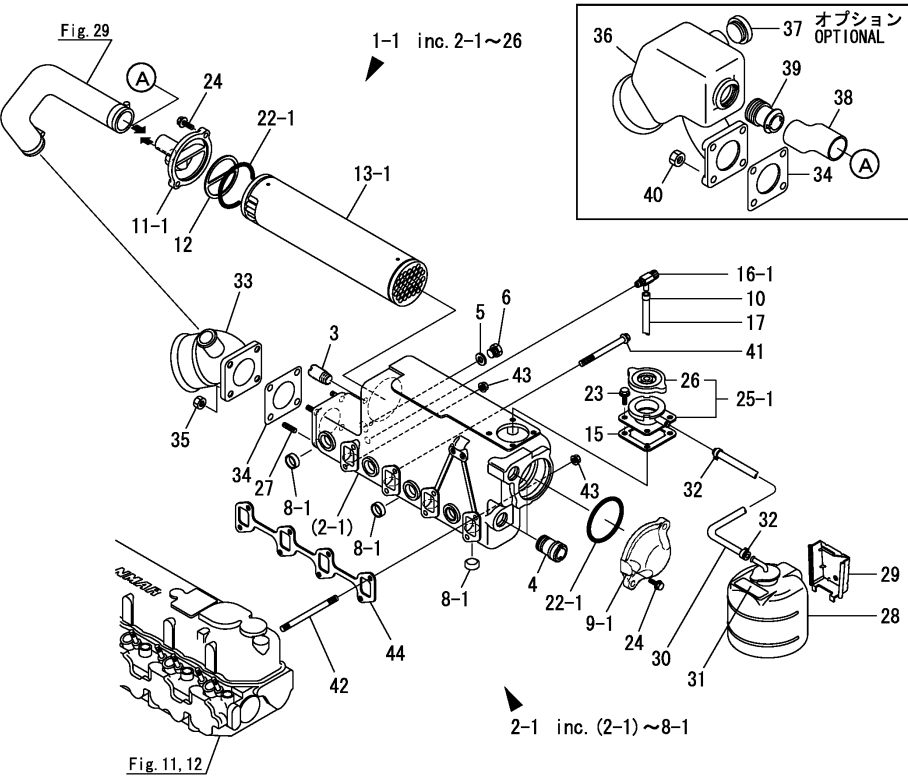


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129670-44900	COOLER ASSY, WATER	1	1	1	1	1			
1-1	1	129473-44900	COOLER ASSY, WATER	1	1	1	1	1		N	
		(A=E25003) (B=E25003) (C=E25003) (D=E12191) (E=E12191)									
2	2	129670-44000	BODY ASSY, COOLER	1	1	1	1	1			
2-1	2	129473-44000	COOLER ASSY, WATER	1	1	1	1	1		S	
		(A=E25003) (B=E25003) (C=E25003) (D=E12191) (E=E12191)									
3	3	104407-44480	JOINT	1	1	1	1	1		W	
		(A=E25003) (B=E25003) (C=E25003) (D=E12191) (E=E12191)									
4	3	124160-49480	JOINT, PIPE	2	2	2	2	2		W	
		(A=E25003) (B=E25003) (C=E25003) (D=E12191) (E=E12191)									
5	3	23414-170000	GASKET, 17X1.0	1	1	1	1	1		W	
		(A=E25003) (B=E25003) (C=E25003) (D=E12191) (E=E12191)									
6	3	23894-030002	PLUG, G3/8	1	1	1	1	1		W	
		(A=E25003) (B=E25003) (C=E25003) (D=E12191) (E=E12191)									
8	3	27241-280000	PLUG, 28	8	8	8	8	8			
8-1	3	27241-280000	PLUG, 28	4	4	4	4	4		K	
		(A=E25003) (B=E25003) (C=E25003) (D=E12191) (E=E12191)									
9	2	129670-44420	COVER, COOLER	1	1	1	1	1			
9-1	2	129470-44450	COVER, B	1	1	1	1	1		S	
		(A=E25003) (B=E25003) (C=E25003) (D=E12191) (E=E12191)									
10	2	23080-013000	CLAMP, 13	1	1	1	1	1			
11	2	129670-44410	COVER, COOLER	1	1	1	1	1			
11-1	2	129470-44440	COVER, A	1	1	1	1	1		S	
		(A=E25003) (B=E25003) (C=E25003) (D=E12191) (E=E12191)									
12	2	120322-33050	GASKET	1	1	1	1	1		W	
		(A=E25003) (B=E25003) (C=E25003) (D=E12191) (E=E12191)									
13	2	129670-44400	CORE ASSY, COOLER	1	1	1	1	1			
13-1	2	129473-44111	CORE ASSY, COOLER	1	1	1	1	1		S	
		(A=E25003) (B=E25003) (C=E25003) (D=E12191) (E=E12191)									
14	3	129270-44490	SEAL	1	1	1	1	1		W	
		(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST) (D=FROM 1ST) (E=FROM 1ST)									
14-1	3	129270-44490	SEAL	1	1	1	1	1		Z	
		(A=E25003) (B=E25003) (C=E25003) (D=E12191) (E=E12191)									
15	2	120445-44640	GASKET	1	1	1	1	1			
16	2	120130-49350	COCK, 1/4	1	1		1				
16-1	2	119620-49290	COCK ASSY, 1/4	1	1	1	1	1		N	
		(A=E21539) (B=E21539) (D=E10233)									
17	2	23061-120300	PIPE, 12X 300	1	1	1	1	1			
18	2	23871-030000	PLUG, R03	1	1	1	1	1		Z	
		(A=E25003) (B=E25003) (C=E25003) (D=E12191) (E=E12191)									
19	2	124160-49480	JOINT, PIPE	2	2	2	2	2		Z	
		(A=E25003) (B=E25003) (C=E25003) (D=E12191) (E=E12191)									
20	2	23414-170000	GASKET, 17X1.0	1	1	1	1	1		Z	
		(A=E25003) (B=E25003) (C=E25003) (D=E12191) (E=E12191)									
21	2	23894-030002	PLUG, G3/8	1	1	1	1	1		Z	
		(A=E25003) (B=E25003) (C=E25003) (D=E12191) (E=E12191)									
22	2	24321-000800	O-RING, 1AG80.0	2	2	2	2	2			
22-1	2	24321-000750	O-RING, 1AG75.0	2	2	2	2	2		S	
		(A=E25003) (B=E25003) (C=E25003) (D=E12191) (E=E12191)									
23	2	26106-080162	BOLT, M8X 16 PLATED	4	4	4	4	4			
24	2	26106-080252	BOLT, M8X 25 PLATED	4	4	4	4	4			

Fig.28. COOLING FRESH WATER COOLER

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

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

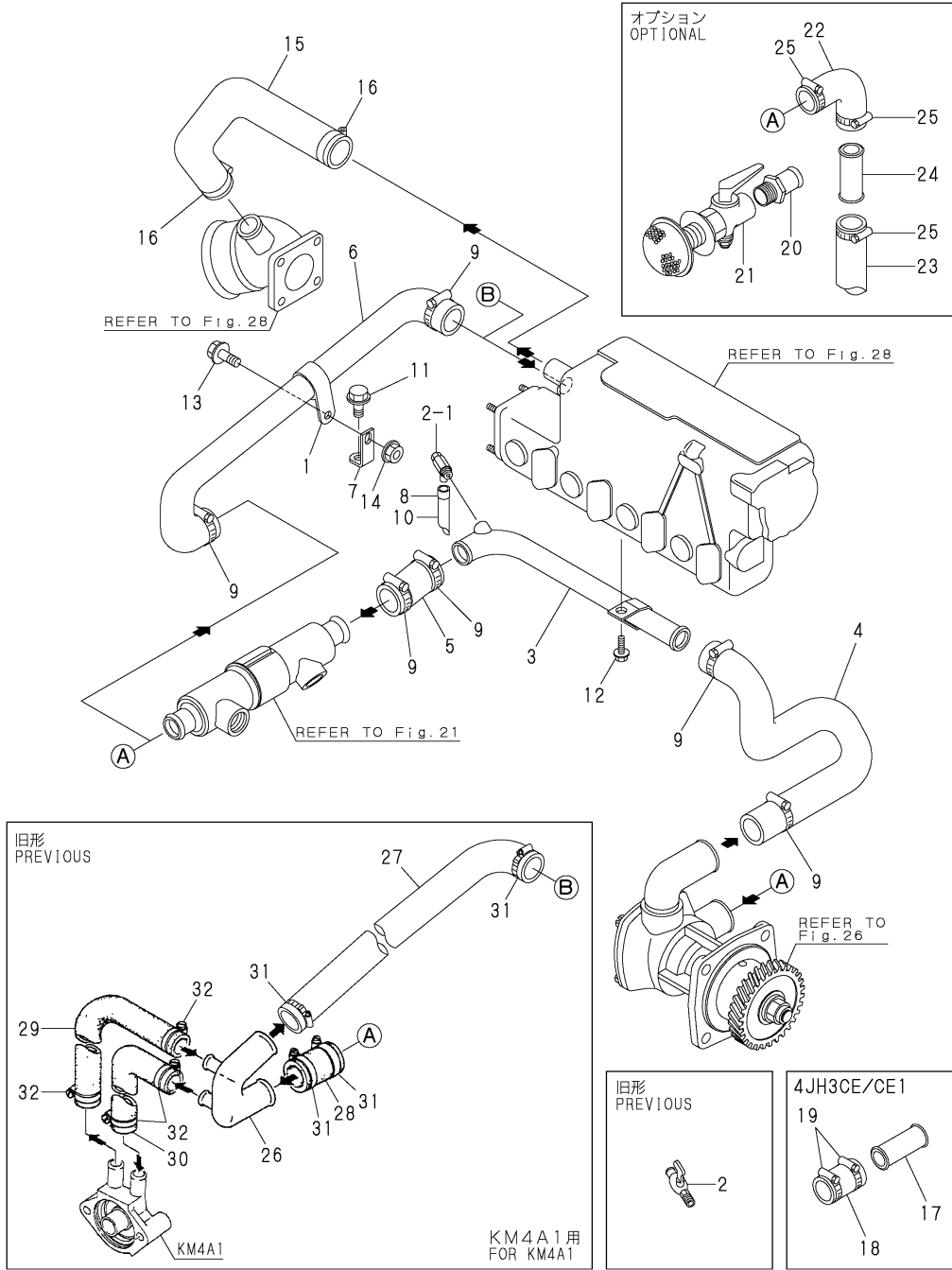


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
25	2	129670-44600	FILLER ASSY	1	1	1	1				
25-1	2	129171-44600	FILLER ASSY	1	1	1	1	1		R	
		(A=E24255) (B=E24255) (C=E24255) (D=E11769)									
26	3	129107-44590	CAP, RADIATOR	1	1	1	1	1		W	
		(A=E24255) (B=E24255) (C=E24255) (D=E11769)									
27	1	128170-13600	STUD, M8X31	4	4	4	4	4			
28	1	128397-44500	TANK ASSY, SUB	1	1	1	1	1			
29	1	128397-44510	BRACKET	1	1	1	1	1			
30	1	124790-44560	PIPE, WATER L=1000	1	1	1	1	1			
31	1	129670-44570	LABEL, SUB-TANK	1	1	1	1	1			
32	1	23010-013000	CLAMP 13	2	2	2	2	2			
33	1	129670-13560	ELBOW	1	1	1					
34	1	129472-18090	GASKET	1	1	1					
35	1	26703-080002	NUT, M8	4	4	4					
36	1	129470-13541	ELBOW	1	1	1					
37	1	129472-13560	PLUG, PT3/4	1	1	1					
38	1	129470-49050	PIPE, WATER	1	1	1					
39	1	123325-49421	JOINT, PIPE	1	1	1					
40	1	26703-080002	NUT, M8	4	4	4					
41	1	26106-081002	BOLT, M8X100 PLATED	6	6	6	6	6			
42	1	26216-081002	STUD, M8X100	2	2	2	2	2			
43	1	26306-080002	NUT, M8	2	2	2	2	2			
44	1	129550-13110	GASKET	1	1	1	1	1			

Fig.29. COOLING SEA WATER PIPE(4JH3E)

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

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



No.	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	COCK	1	1						
2-1	1	129670-49290	COCK ASSY, R1/8	1	1	1					N
(A=E/#21869) (B=E/#21869)											
3	1	129470-49010	PIPE, WATER	1	1	1					
4	1	129670-49010	PIPE, WATER	1	1	1					
4-1	1	129670-49110	PIPE, WATER	1	1	1					R
(A=E/#23803) (B=E/#23803) (C=E/#23803)											
5	1	129670-49030	PIPE C, COOLING WATER	1	1	1					
5-1	1	129670-49130	PIPE, WATER	1	1	1					R
(A=E/#23803) (B=E/#23803) (C=E/#23803)											
6	1	129670-49040	PIPE, WATER	1	1	1					
6-1	1	129670-49140	PIPE, WATER	1	1	1					R
(A=E/#23803) (B=E/#23803) (C=E/#23803)											
7	1	129670-49350	RETAINER, PIPE	1	1	1					
8	1	124460-77680	RETAINER	1	1	1					
9	1	23000-035000	CLAMP, 35	6	6	6					
9-1	1	129670-49500	CLIP, HOSE 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, M8X 12 PLATED	1	1	1					
12	1	26106-080162	BOLT, M8X 16 PLATED	1	1	1					
13	1	26106-080162	BOLT, M8X 16 PLATED	1	1	1					
14	1	26306-080002	NUT, M8	1	1	1					
15	1	129475-49040	PIPE, WATER	1	1	1					
15-1	1	129670-49150	PIPE, WATER	1	1	1					R
(A=E/#23803) (B=E/#23803) (C=E/#23803)											
16	1	23000-035000	CLAMP, 35	2	2	2					
16-1	1	129670-49500	CLIP, HOSE 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					
19-1	1	129670-49500	CLIP, HOSE 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, WATER	1	1	1					
23	1	129170-49060	PIPE, WATER	1	1	1					
24	1	129490-49070	JOINT	1	1	1					
25	1	23000-035000	CLAMP, 35	4	4	4					
25-1	1	129670-49500	CLIP, HOSE 38	4	4	4					R
(A=E/#23959) (B=E/#23959) (C=E/#23959)											
26	1	129470-49060	PIPE, WATER	1							Z
(A=E/#25682)											
27	1	129670-49070	PIPE, WATER	1							Z
(A=E/#25682)											
28	1	129470-49110	JOINT, 25X55	1							Z
(A=E/#25682)											
29	1	129673-49030	PIPE, WATER	1							Z
(A=E/#25682)											

Fig.29. COOLING SEA WATER PIPE(4JH3E)

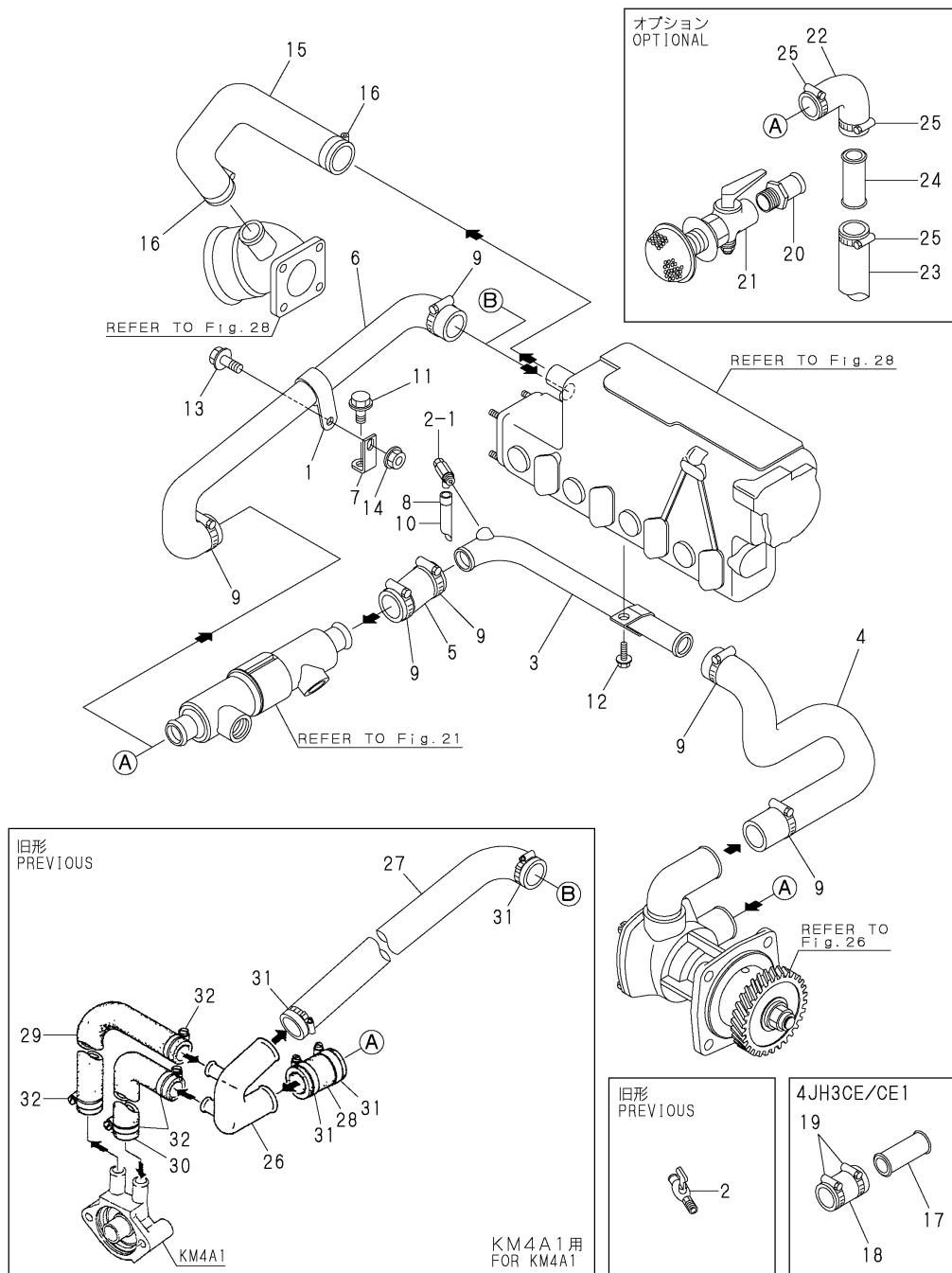
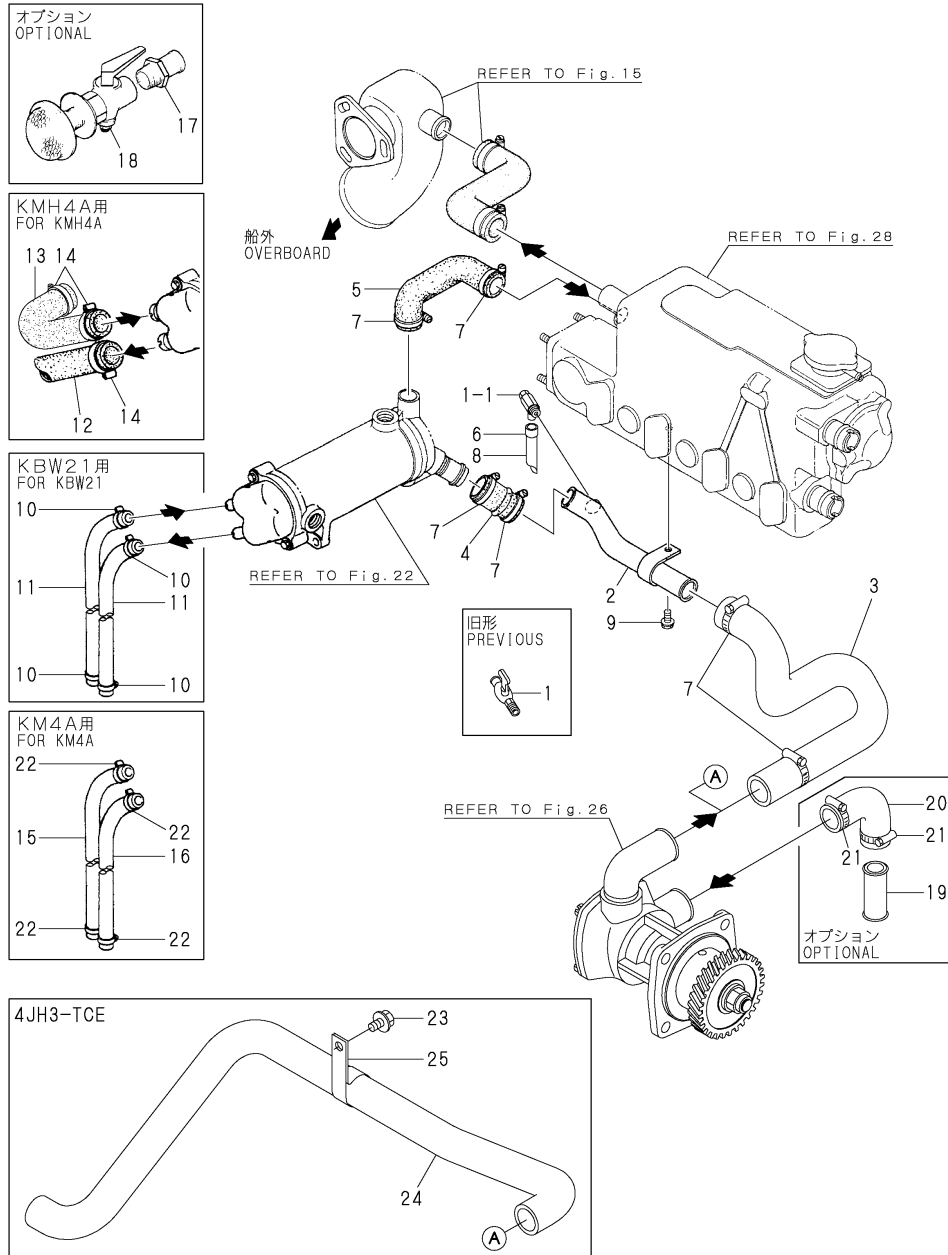
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Fig.30. COOLING SEA WATER PIPE(4JH3-TE)



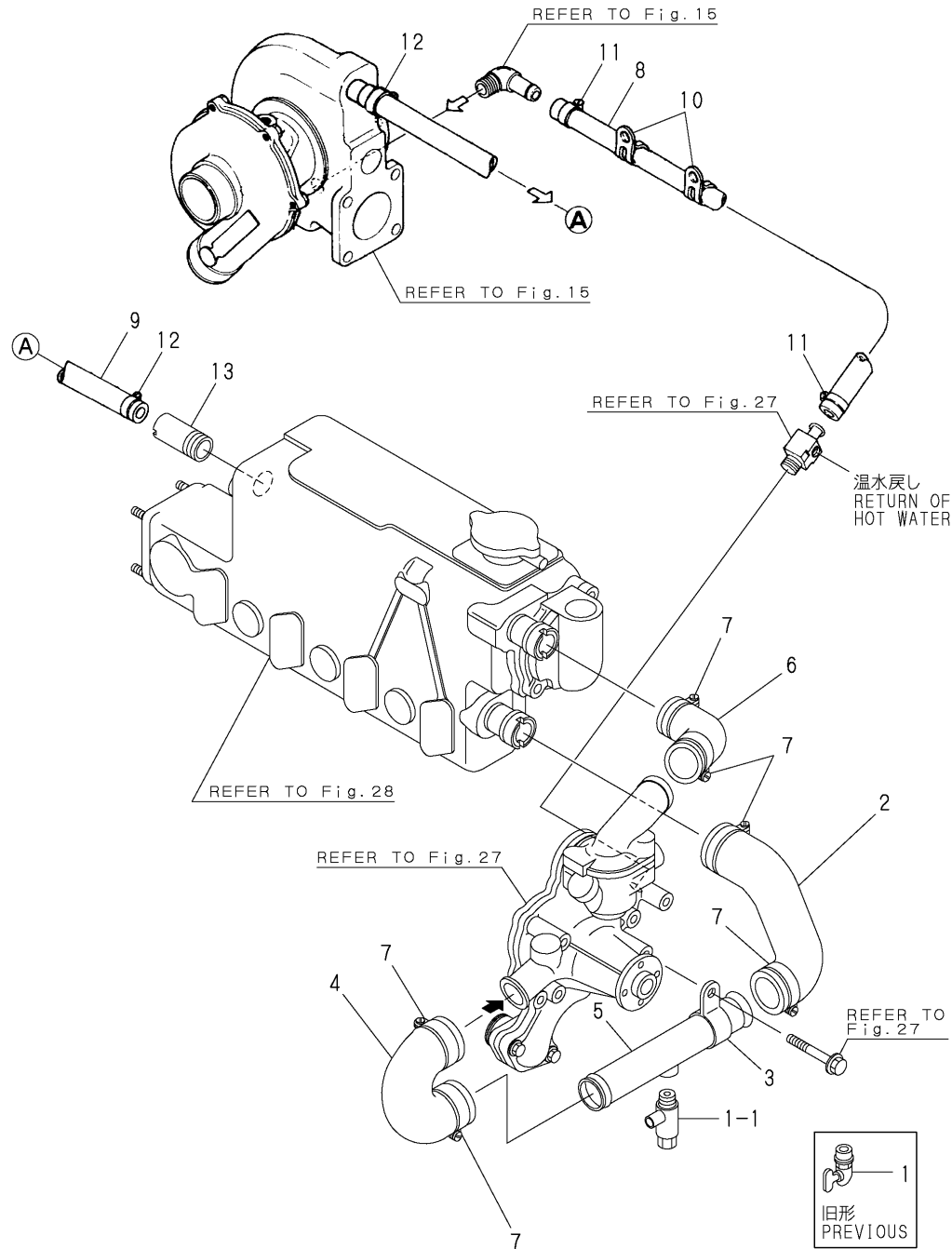
				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1	(D)=4JH3-TE (E)=4JH3-TCE (F)=						
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty (D)	(E)	(F)	I	R
1	1	128695-44090	COCK				1				
1-1	1	129670-49290	COCK ASSY, R1/8				1	1		N	
				(D=E/#10333)							
2	1	129495-49010	PIPE, WATER				1	1			
3	1	129670-49010	PIPE, WATER				1				
3-1	1	129670-49110	PIPE, WATER				1	1		R	
				(D=E/#11493)							
4	1	129672-49020	JOINT, RUBBER				1				
4-1	1	129673-49020	PIPE, WATER				1	1		R	
				(D=E/#10799)							
5	1	129474-49030	PIPE, WATER				1				
5-1	1	129671-49040	PIPE, WATER				1	1		R	
				(D=E/#11493)							
6	1	124460-77680	RETAINER				1	1			
7	1	23000-035000	CLAMP, 35				6				
7-1	1	129670-49500	CLIP, HOSE 38				6	6		R	
				(D=E/#11597)							
8	1	23061-070300	PIPE, 7X 300				1	1			
9	1	26106-080162	BOLT, M8X 16 PLATED				1	1			
10	1	23000-022000	CLAMP, 22				4				1
11	1	23072-040300	HOSE, 4X 300				2				1
11-1	1	129673-49030	PIPE, WATER				2			R	1
				(D=E/#10799)							
12	1	129494-49050	PIPE, WATER				1				
12-1	1	129673-49070	PIPE, WATER				1			R	
				(D=E/#11493)							
13	1	129494-49060	PIPE				1				
13-1	1	129673-49080	PIPE, WATER				1			R	
				(D=E/#11493)							
14	1	23000-035000	CLAMP, 35				4				
14-1	1	129670-49500	CLIP, HOSE 38				4			R	
				(D=E/#11597)							
15	1	129673-49030	PIPE, WATER				1				
16	1	129673-49100	PIPE, WATER				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				
21-1	1	129670-49500	CLIP, HOSE 38				6	6		R	
				(D=E/#11597)							
22	1	23000-022000	CLAMP, 22				4				
23	1	26106-080142	BOLT, M8X 14 PLATED					1			
24	1	129671-49100	PIPE, WATER					1			
25	1	129671-49110	RETAINER					1			

Remarks
(1)KBW21

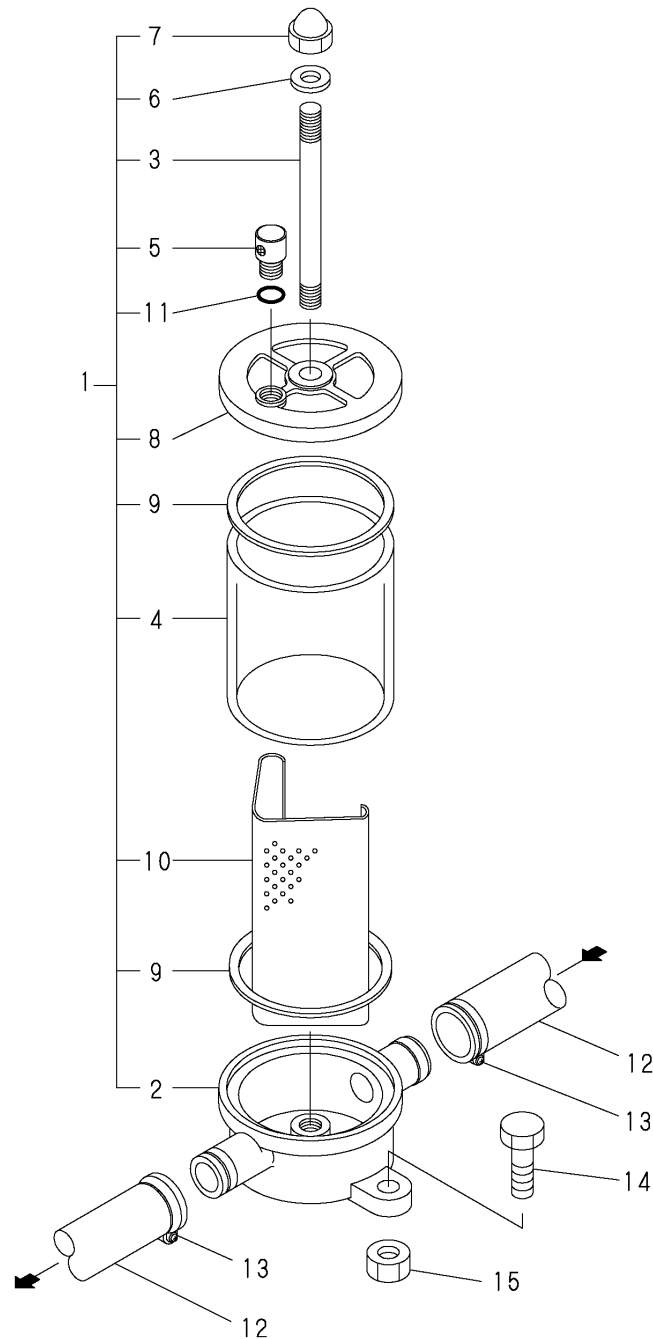
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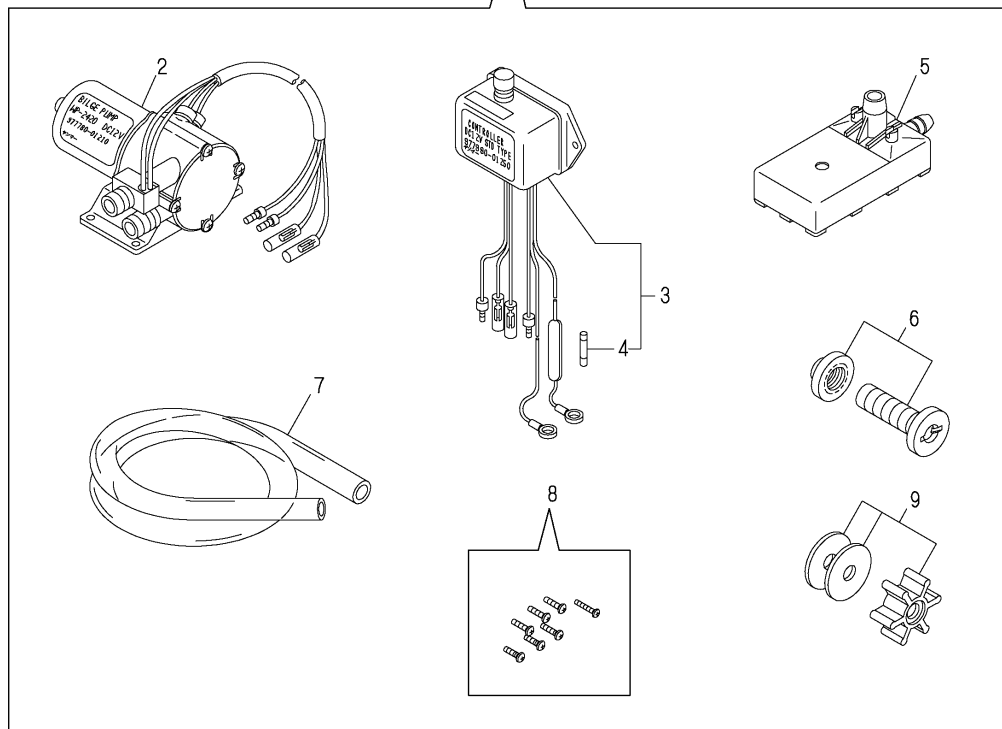
Fig.31. COOLING FRESH WATER PIPE



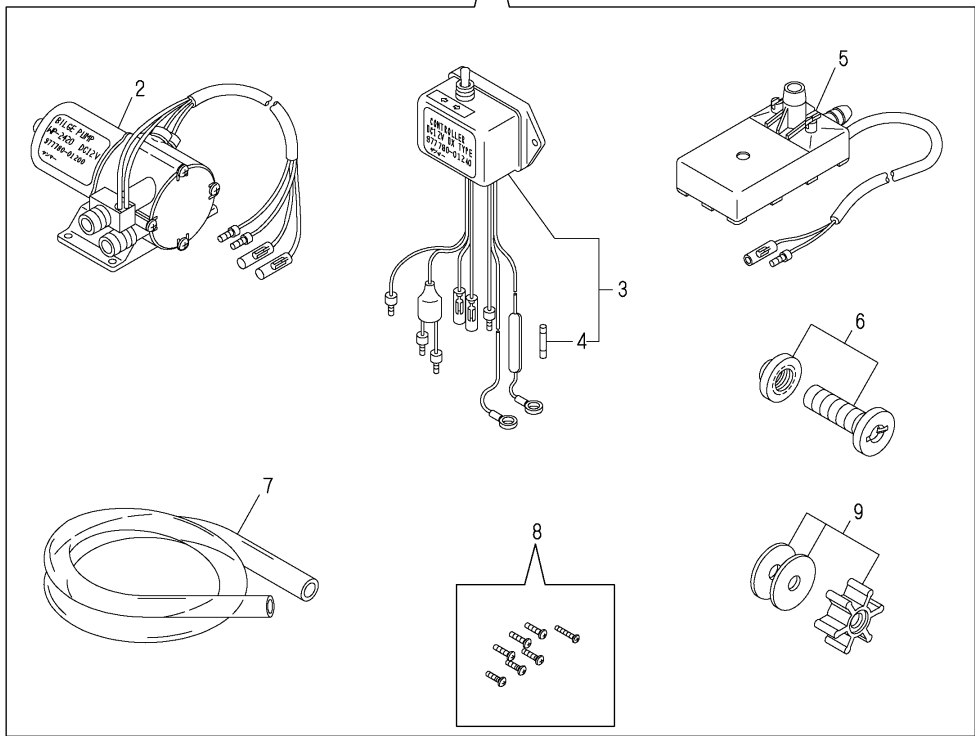
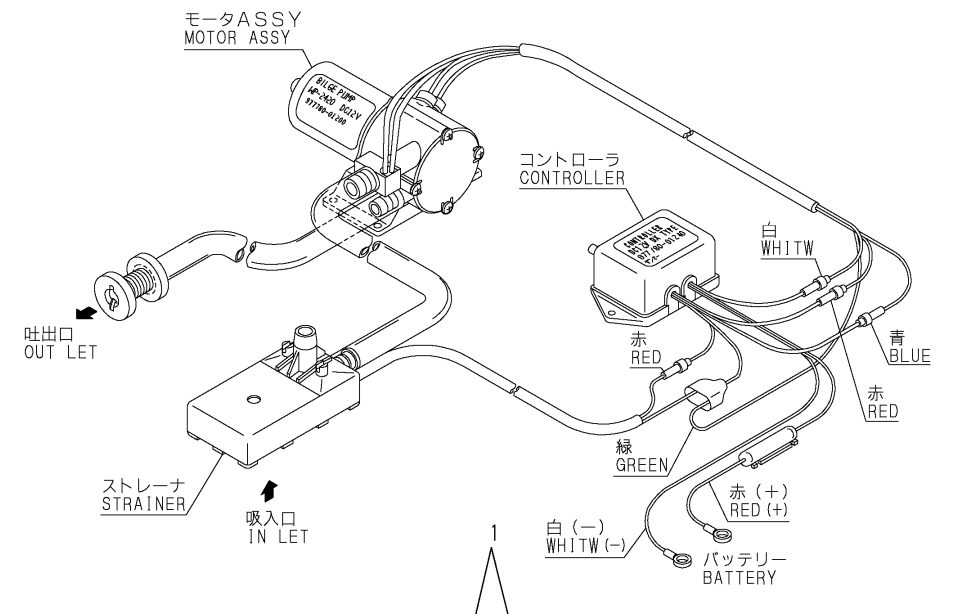
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128695-44090	COCK	1	1	1					
1-1	1	129670-49290	COCK ASSY, R1/8	1	1	1	1	1			N
		(A=E/#21869)	(B=E/#21869)	(D=E/#10333)							
2	1	129470-49200	JOINT, RUBBER	1	1	1	1				
2-1	1	129673-49220	PIPE, WATER	1	1	1	1	1			R
		(A=E/#22643)	(B=E/#22643)	(C=E/#22643)	(D=E/#10799)						
3	1	129470-49220	RETAINER	1	1	1	1	1			
4	1	129470-49240	JOINT, RUBBER 28	1	1	1	1				
4-1	1	129673-49230	PIPE, WATER	1	1	1	1	1			R
		(A=E/#22643)	(B=E/#22643)	(C=E/#22643)	(D=E/#10799)						
5	1	129470-49250	PIPE, WATER	1	1	1	1	1			
6	1	129470-49260	JOINT, RUBBER	1	1	1	1				
6-1	1	129671-49210	PIPE, WATER	1	1	1	1	1			R
		(A=E/#23803)	(B=E/#23803)	(C=E/#23803)	(D=E/#11493)						
7	1	23000-041000	CLAMP, 41	6	6	6	6				
7-1	1	129670-49500	CLIP, HOSE 38	6	6	6	6	6			R
		(A=E/#23959)	(B=E/#23959)	(C=E/#23959)	(D=E/#11597)						
8	1	127420-44560	PIPE, OVERFLOW L=740				1	1			
9	1	129474-49320	PIPE, WATER				1	1			
10	1	194440-51620	CLAMP				2	2			
11	1	23000-013000	CLAMP, 13				2	2			
12	1	23000-025000	CLAMP, 25				2	2			
13	1	104407-44480	JOINT				1	1			W
				(D=E/#10005)							



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
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	NUT, CAP M8	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, 1AP6.0	1	1	1	1	1			
12	1	23072-101000	HOSE, 10X1000	1	1	1	1	1			
13	1	23000-041000	CLAMP, 41	2	2	2	2				
13-1	1	129670-49500	CLIP, HOSE 38	2	2	2	2	2			R
(A=E/#23959)		(B=E/#23959)	(C=E/#23959)	(D=E/#11597)							
14	1	26116-080302	BOLT, M8X 30 PLATED	2	2	2	2	2			
15	1	26703-080002	NUT, M8	2	2	2	2	2			



				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1		(D)=4JH3-TE (E)=4JH3-TCE (F)=			
No.	Lev.	Parts No.	Description	Q'ty					
				(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	



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

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

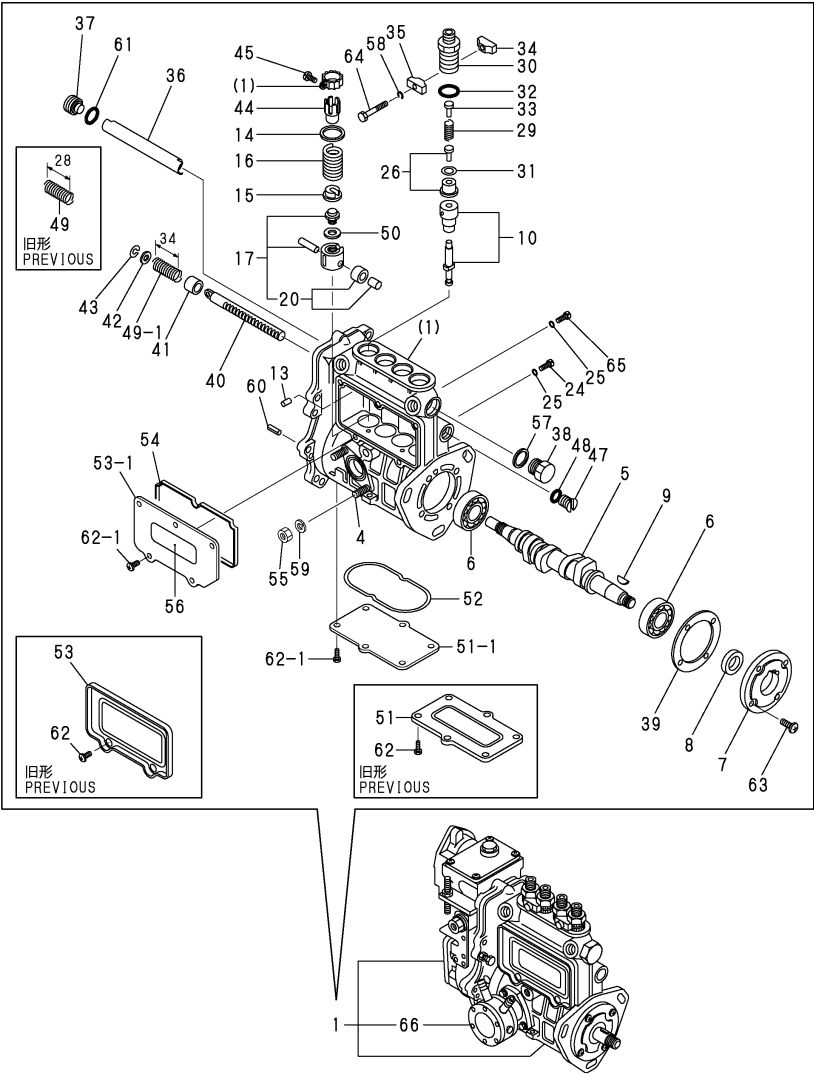
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	977780-01200	PUMP(12V).BILGE	1	1	1	1	1			
2	2	977780-01230	MOTOR ASSY(BILG PUMP	1	1	1	1	1			
3	2	977780-01240	CONTROLLER	1	1	1	1	1			
4	3	X8636008003	FUSE	1	1	1	1	1			
5	2	X179100011X	STRAINER	1	1	1	1	1			
6	2	X179100100X	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			

Fig.35. FUEL INJECTION PUMP(4JH3E)

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

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

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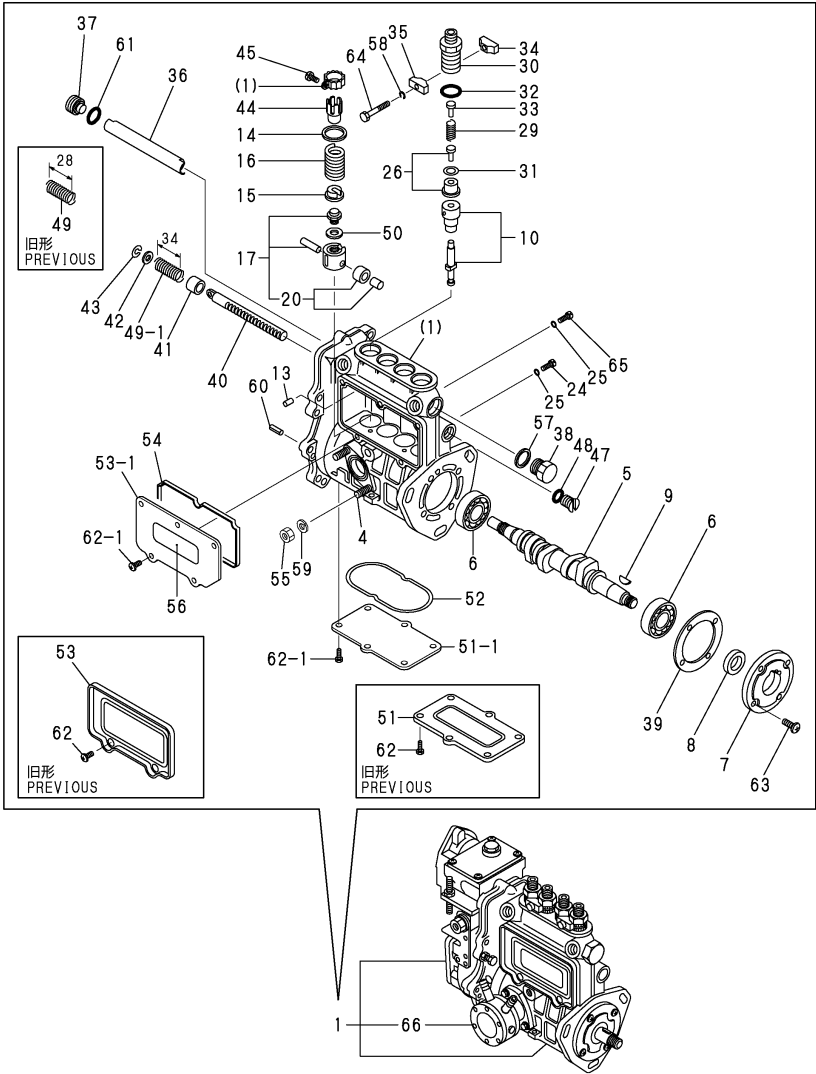


Remarks
(1)GOVERNOR ASSY(FIG.37) AND FUEL
FEED PUMP ASSY(FIG.38) IS
INCORPORATED IN THIS FOEL
INJECTION PUMP ASSY(REF.NO.1)
(2)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.62-1.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729670-51300	PUMP ASSY, INJECTION	1	1	1					1
4	2	129155-51020	STUD	2	2	2					
5	2	129506-51040	CAMSHAFT	1	1	1					
6	2	122710-51050	BEARING, HR30203J	2	2	2					
7	2	129470-51060	RETAINER, BEARING	1	1	1					
8	2	129470-51080	SEAL, AF0741F0	1	1	1					
9	2	122710-51090	KEY	1	1	1					
10	2	129470-51101	PLUNGER ASSY	4	4	4					
13	2	129155-51140	PIN	4	4	4					
14	2	174307-51170	RETAINER, SPRING A	4	4	4					
15	2	129155-51180	RETAINER, SPRING	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	STOPPER, TAPPET	4	4	4					
25	2	129155-51280	O-RING, S6	5	5	5					
26	2	129670-51300	VALVE ASSY, DELIVERY	4	4	4					
29	2	129573-51330	SPRING, DELIVERY	4	4	4					
30	2	129573-51340	RETAINER	4	4	4					
31	2	124550-51350	GASKET, DELIVERY	4	4	4					
32	2	124550-51370	O-RING	4	4	4					
33	2	129573-51370	STOPPER, VALVE	4	4	4					
34	2	129155-51380	STOPPER	2	2	2					
35	2	129155-51390	STOPPER	2	2	2					
36	2	129555-51400	DEFLECTOR	1	1	1					
37	2	129155-51410	BOLT	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	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	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					
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 SET, ADJUSTING	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	1	1						
53-1	2	129555-51751	COVER	1	1	1					F 2
(A=E/#21367) (B=E/#21367)											

Fig.35. FUEL INJECTION PUMP(4JH3E)

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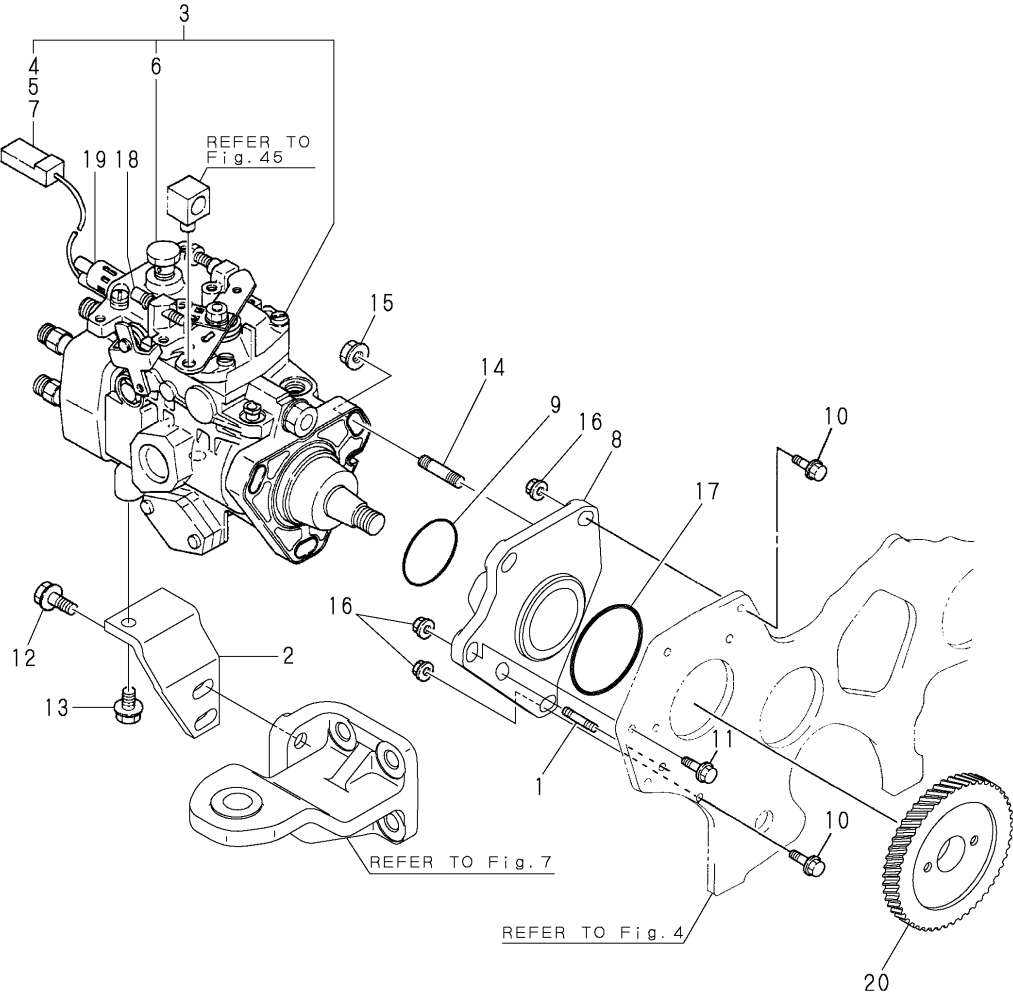


Remarks
(1)GOVERNOR ASSY(FIG.37) AND FUEL
FEED PUMP ASSY(FIG.38) IS
INCORPORATED IN THIS FOEL
INJECTION PUMP ASSY(REF.NO.1)
(2)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.62-1.

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
54	2	129555-51760	GASKET	1	1	1					
54-1	2	129555-51761	GASKET	1	1	1					N
(A=*2003.10) (B=*2003.10) (C=*2003.10)											
55	2	26716-060002	NUT, M6	2	2	2					
56	2	129156-51910	LABEL, CAUTION	1	1	1					
57	2	22190-160002	WASHER, SEAL 16	1	1	1					
58	2	22217-050000	WASHER, SPRING 5	2	2	2					
59	2	22217-060000	WASHER, SPRING 6	2	2	2					
60	2	22351-050010	PIN, SPRING 5.0X10	2	2	2					
61	2	24341-000160	O-RING, 1AS16.0	1	1	1					
62	2	26022-050102	SCREW, M5X10	11	11						
62-1	2	26022-050122	SCREW, M5X12	11	11	11					N
(A=E/#21367) (B=E/#21367)											
63	2	26022-060162	SCREW, M6X16	4	4	4					
64	2	26116-050302	BOLT, M5X 30 PLATED	2	2	2					
65	2	129155-51790	STOOPER, RACK	1	1	1					
66	2	129158-52000	PUMP ASSY, FUEL FEED	1	1	1					

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



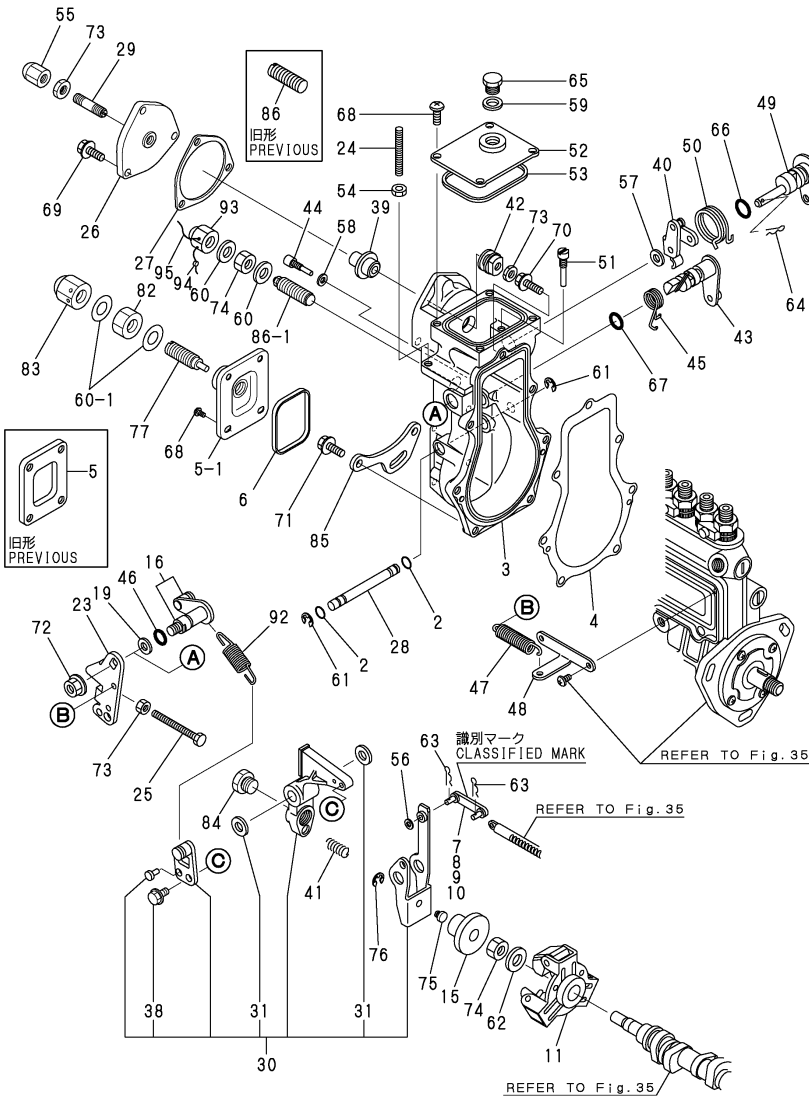
				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1		(D)=4JH3-TE (E)=4JH3-TCE (F)=		OCR10-M46701 Fig.36	
No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty (C) (D) (E)		(F)	I R
1	1	121450-01560	STUD, M8X22				1	1	
2	1	129673-51250	RETAINER, PUMP				1	1	
3	1	129671-51900	PUMP ASSY, INJECTION				1	1	
4	2	119171-67200	SOLENOID, MAGNETIC				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, PUMP				1	1	
9	1	24341-000500	O-RING, 1AS50.0				1	1	
10	1	26106-080652	BOLT, M8X 65 PLATED				3	3	
11	1	26106-080752	BOLT, M8X 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, M8X 28				3	3	
15	1	26306-080002	NUT, M8				3	3	
16	1	26306-080002	NUT, M8				5	5	
17	1	121850-51960	O-RING				1	1	
18	1	129930-61950	CAP				1	1	W
				(D=E/#10223)					
19	1	129930-61960	CAP				1	1	W
				(D=E/#10223)					
20	1	129691-25900	GEAR, PUMP				1	1	

Fig.37. GOVERNOR

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

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

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

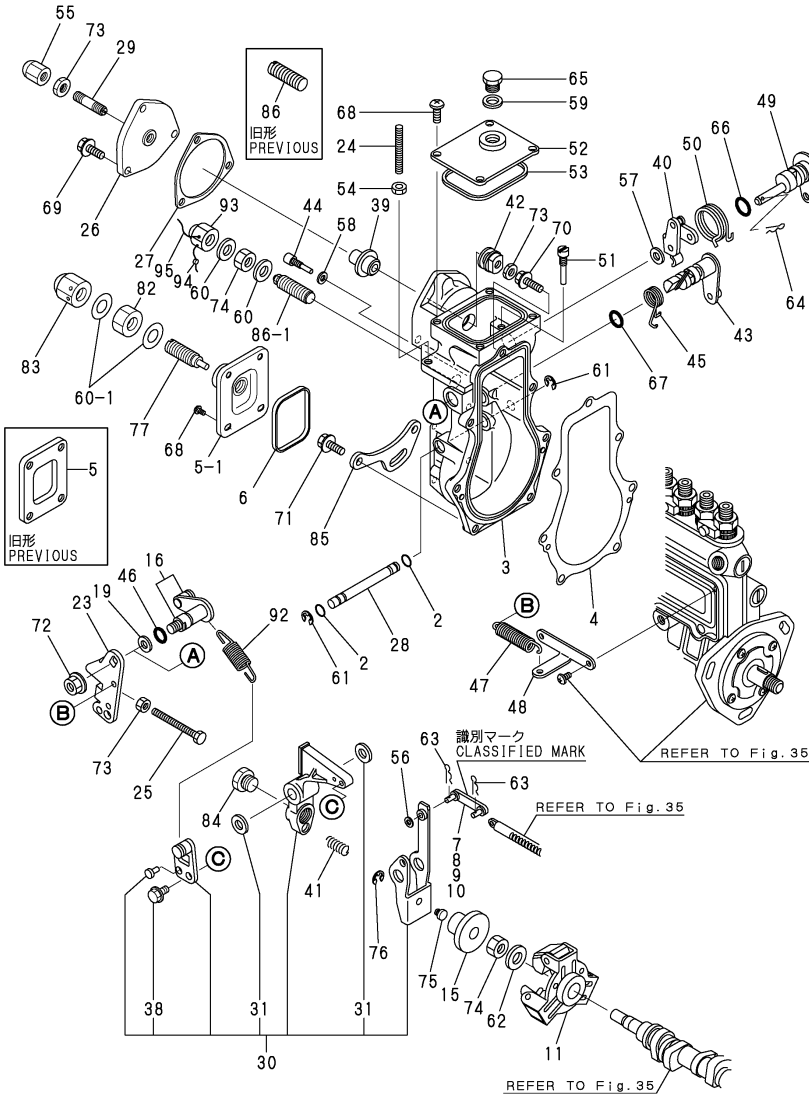


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	129155-51280	O-RING, S6	2	2	2					
3	2	129595-61012	HOUSING, GOVERNOR	1	1	1					
4	2	129595-61050	GASKET	1	1	1					
5	2	129155-61060	COVER, GOVERNOR CASE	1	1	1					
5-1	2	129690-61060	COVER, GOVERNOR CASE	1	1	1				F	2
(A=*2004.04) (B=*2004.04) (C=*2004.04)											
6	2	129155-61070	GASKET	1	1	1					
6-1	2	129155-61071	GASKET	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,GOVERNOR	1	1						
11-1	2	129595-61201	WEIGHT ASSY,GOVERNOR	1	1	1					R
(A=E/#21367) (B=E/#21367)											
15	2	129155-61341	SLEEVE	1	1	1					
16	2	129100-61400	SHAFT ASSY	1	1	1					
19	2	129155-61430	SPACER	1	1	1					
23	2	129499-61440	LEVER, CONTROL	1	1	1					
24	2	129155-61450	BOLT, LIMITER	1	1	1					
25	2	129155-61460	BOLT, IDLE	1	1	1					
26	2	129497-61470	COVER, GOVERNOR CASE	1	1	1					
27	2	129497-61480	GASKET	1	1	1					
28	2	129155-61490	SHAFT	1	1	1					
29	2	129497-61490	ROD	1	1	1					
30	2	129131-61500	LEVER ASSY, GOVERNOR	1	1	1					
31	3	174307-51700	SHIM SET	2	2	2					
38	3	26106-060102	BOLT, M6X 10 PLATED	1	1	1					
39	2	129595-61610	BUSH	1	1	1					
40	2	129595-61631	LEVER, SETTING	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	SHAFT, STOP LEVER	1	1	1					
44	2	129155-61810	PIN	1	1	1					
45	2	129595-61821	SPRING, RETURN	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	HOOK	1	1	1					
49	2	129595-61901	LEVER	1	1	1					
50	2	129595-61911	SPRING, SET	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					
53-1	2	129595-61962	GASKET	1	1	1					N
(A=*2003.10) (B=*2003.10) (C=*2003.10)											
54	2	124550-66370	NUT, M6	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	WASHER, SEAL 6	4	4	4					

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.

Fig.37. GOVERNOR

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PUBLISHED:2004/5

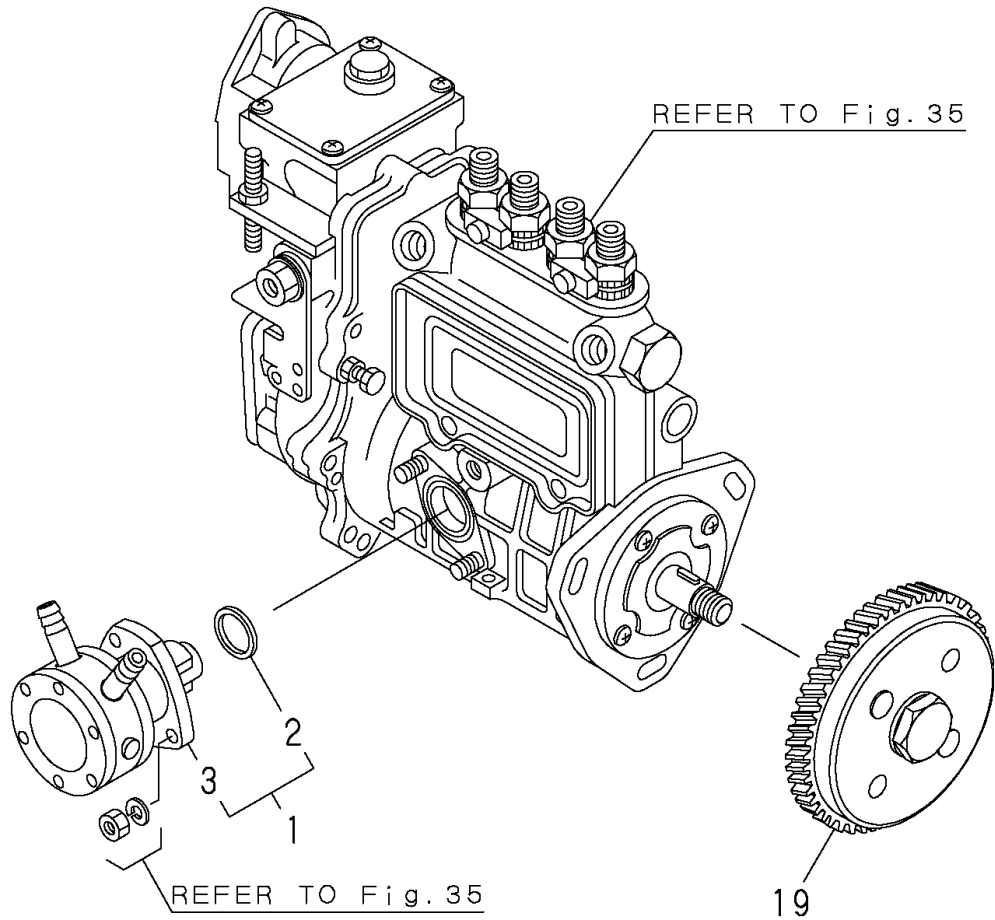


Remarks
(1)SELECTIVE PART: CERTAIN THE CLASSIFICATION MARK WHEN PLACE YOUR ORDER.(REFER TO THE ILLUSTRATION)
(2)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.5-1,60-1, 77,82,83,84.

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

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

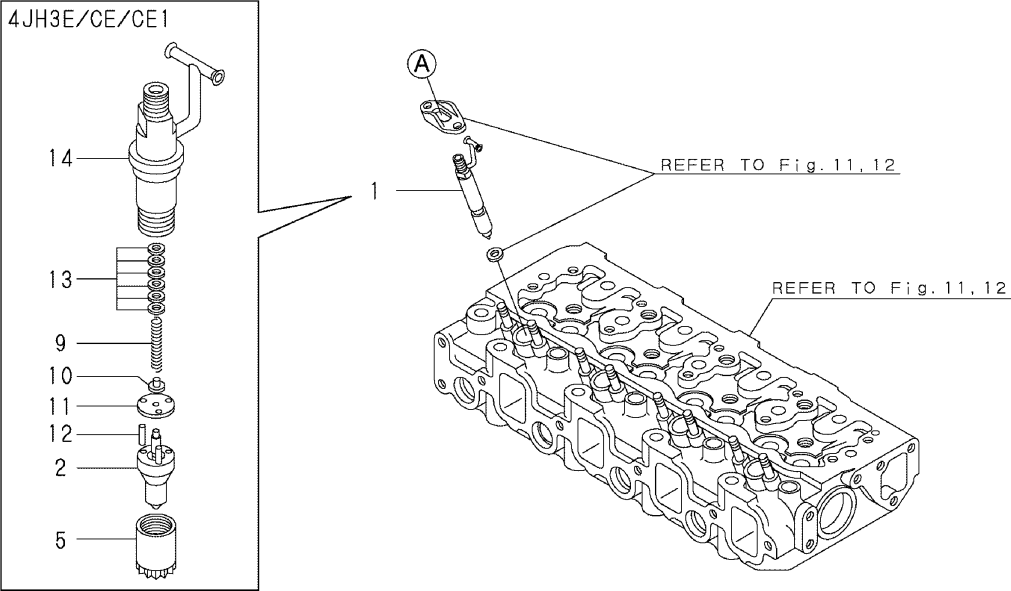
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
59	2	22190-100002	WASHER, SEAL 10	1	1	1					
60	2	22190-120002	WASHER, SEAL 12	2	2	2					
60-1	2	22190-120002	WASHER, SEAL 12	4	4	4					K
(A=*2004.04) (B=*2004.04) (C=*2004.04)											
61	2	22272-000060	RING, E- 6	2	2	2					
62	2	22287-120000	WASHER, 12	1	1	1					
63	2	22372-040000	PIN, SNAP 4	2	2	2					
64	2	22372-060000	PIN, SNAP 6	1	1	1					
65	2	23887-100002	PLUG, 10	1	1	1					
66	2	24311-000110	O-RING, 1AP11.0	1	1	1					
67	2	24311-240100	O-RING, 1AP10A	1	1	1					
68	2	26022-050102	SCREW, M5X10	8	8	8					
69	2	26106-060102	BOLT, M6X 10 PLATED	3	3	3					
70	2	26106-060182	BOLT, M6X 18 PLATED	1	1	1					
71	2	26106-060202	BOLT, M6X 20 PLATED	6	6	6					
72	2	26366-080002	NUT, M8	1	1	1					
73	2	26756-060002	NUT, LOCK M6	3	3	3					
74	2	26776-120002	NUT, LOCK M12	2	2	2					
75	2	129155-61540	SHIFTER	1	1	1					
76	2	22272-000040	RING, E- 4	1	1	1					
77	2	127692-61550	IDLE	1	1	1					W 2
(A=*2004.04) (B=*2004.04) (C=*2004.04)											
82	2	26777-120002	NUT, LOCK M12	1	1	1					W 2
(A=*2004.04) (B=*2004.04) (C=*2004.04)											
83	2	129100-61930	NUT, CAP	1	1	1					W 2
(A=*2004.04) (B=*2004.04) (C=*2004.04)											
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, CONTROL	1	1						
86-1	1	129497-61450	LIMITER ASSY, FUEL	1	1	1					S
(A=E/#20550) (B=E/#20550)											
92	1	129100-61730	SPRING, GOVERNOR	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, 0.6	1	1	1					
95-1	1	120325-61100	WIRE, 1.0	1	1	1					N
(A=E/#25748) (B=E/#25748) (C=E/#25748)											



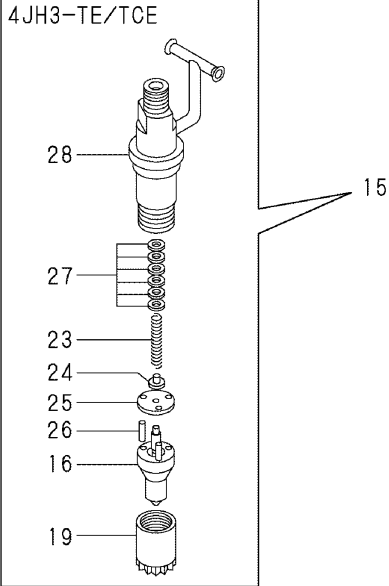
No.	Lev.	Parts No.	Description	Q'ty			I	R
				(A)	(B)	(C)		
1	1	129158-52000	PUMP ASSY, FUEL FEED	1	1	1		
2	2	129155-52050	GASKET	1	1	1		
3	2	129158-52100	PUMP ASSY, FUEL FEED	1	1	1		
19	1	729499-54100	TIMER ASSY	1	1	1		

Fig.39. FUEL INJECTION VALVE

4JH3E/CE/CE1



4JH3-TE/TCE



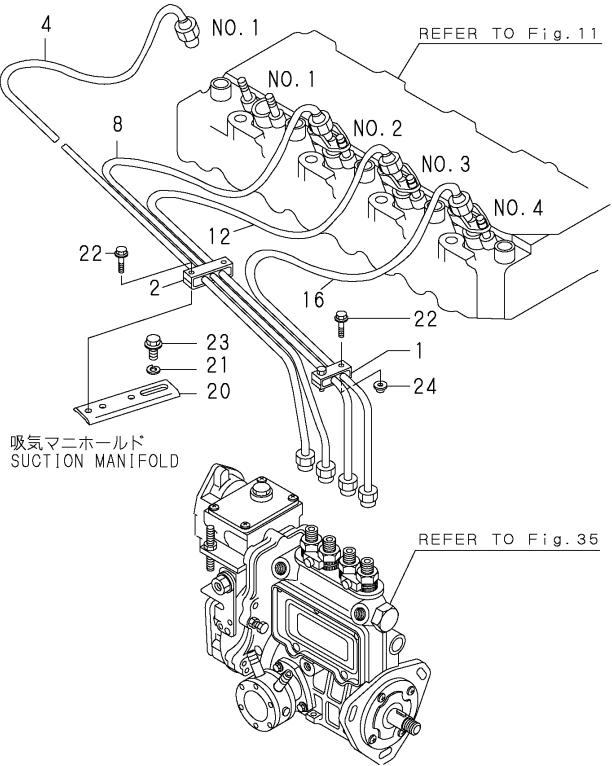
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729670-53100	VALVE ASSY,INJECTION	4	4	4					
2	2	129468-53000	VALVE ASSY,INJECTION	4	4	4					
5	2	114250-53080	NUT, NOZZLE D16.95	4	4	4					
9	2	114250-53120	SPRING, NOZZLE	4	4	4					
10	2	114250-53130	SEAT, SPRING	4	4	4					
11	2	114250-53140	PLATE	4	4	4					
12	2	114250-53210	PIN	8	8	8					
13	2	114250-53400	SHIM SET	4	4	4					
14	2	129470-11920	GASKET	4	4	4					
15	1	729671-53100	VALVE ASSY,INJECTION				4				
15-1	1	729671-53101	VALVE ASSY,INJECTION				4	4			N
(D=E/#10799)											
16	2	129671-53000	VALVE ASSY,INJECTION				4				
16-1	2	129671-53001	VALVE ASSY,INJECTION				4	4			N
(D=E/#10799)											
19	2	114250-53080	NUT, NOZZLE D16.95				4	4			
23	2	114250-53120	SPRING, NOZZLE				4	4			
24	2	114250-53130	SEAT, SPRING				4	4			
25	2	114250-53140	PLATE				4	4			
26	2	114250-53210	PIN				8	8			
27	2	114250-53400	SHIM SET				4	4			
28	2	129470-11920	GASKET				4	4			

OCR10-M46701 4JH3E(CE/CE1)-TE(TCE)
Fig.40. FUEL INJECTION PIPE

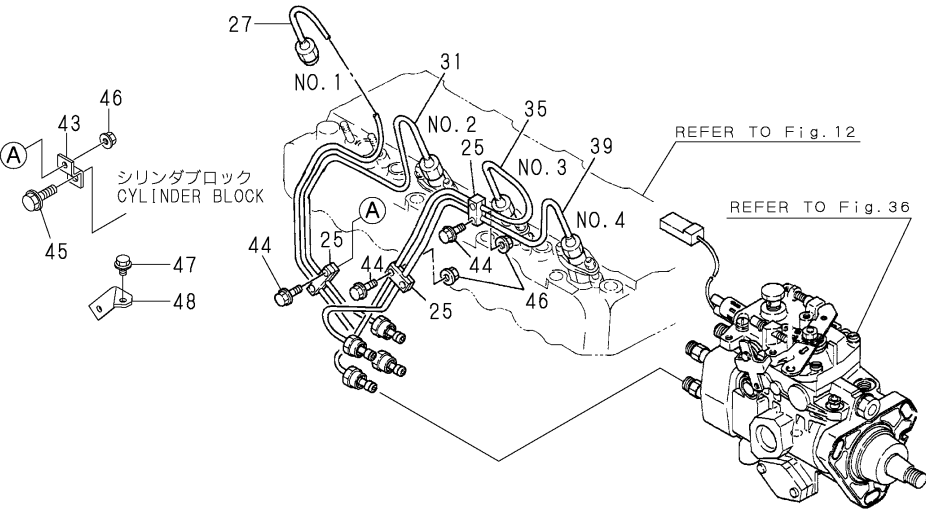
(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

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

4JH3E/CE/CE1



4JH3-TE/TCE

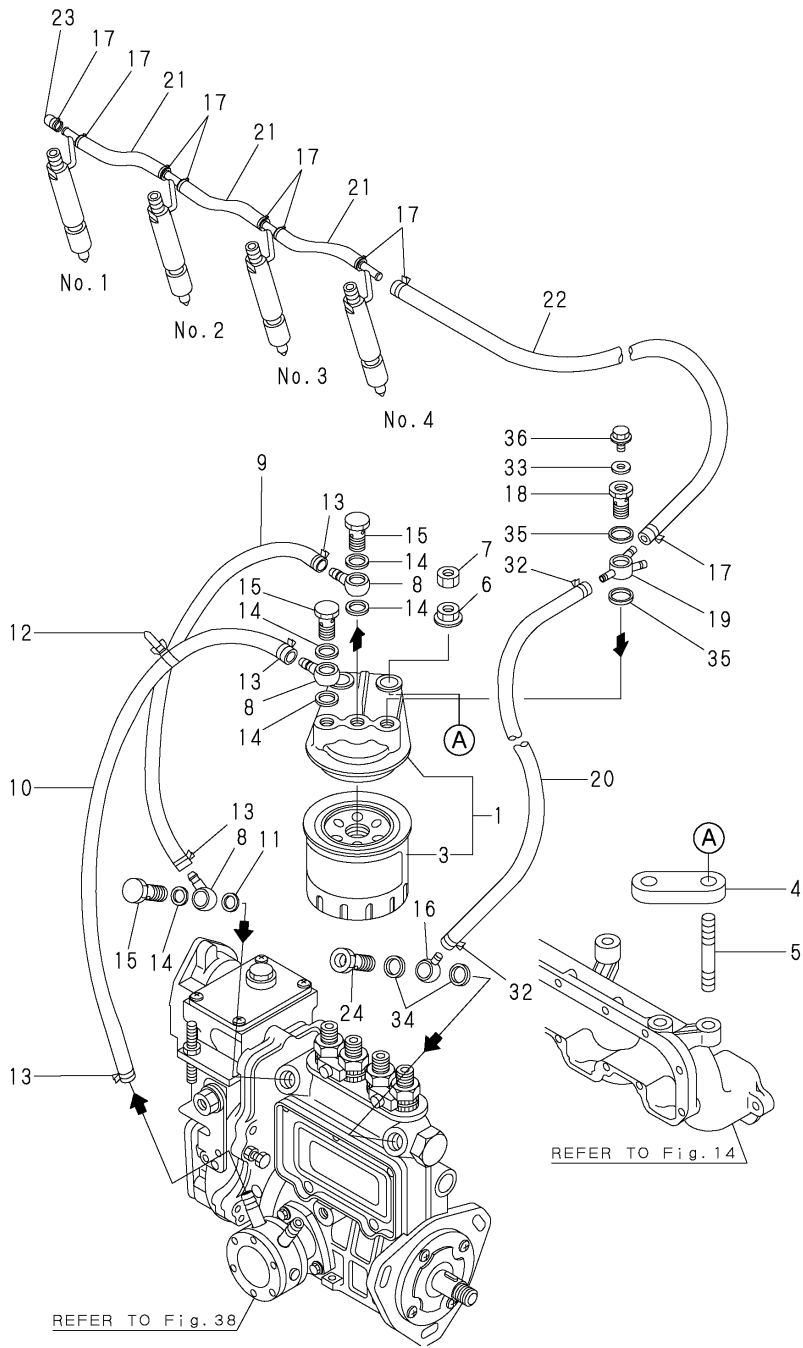


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	122780-59100	RETAINER	2	2	2					
2	1	123372-59100	RETAINER, PIPE	2	2	2					
4	1	129499-59812	PIPE ASSY, INJECTION	1	1	1					
8	1	129499-59822	PIPE ASSY, INJECTION	1	1	1					
12	1	129499-59832	PIPE ASSY, INJECTION	1	1	1					
16	1	129499-59842	PIPE ASSY, INJECTION	1	1	1					
20	1	121870-59930	STAY	1	1	1					
21	1	22217-080000	WASHER, SPRING 8	1	1	1					
22	1	26106-060202	BOLT, M6X 20 PLATED	4	4	4					
23	1	26106-080202	BOLT, M8X 20 PLATED	1	1	1					
24	1	26366-060002	NUT, M6	2	2	2					
25	1	122780-59100	RETAINER				6				
25-1	1	122780-59100	RETAINER				4	4		K	
			(D=E/#10223)								
27	1	129693-59810	PIPE ASSY, INJECTION				1				
27-1	1	129693-59811	PIPE ASSY, INJECTION				1	1		N	
			(D=E/#10399)								
31	1	129693-59820	PIPE ASSY, INJECTION				1				
31-1	1	129693-59821	PIPE ASSY, INJECTION				1	1		N	
			(D=E/#10399)								
35	1	129693-59830	PIPE ASSY, INJECTION				1	1			
39	1	129693-59840	PIPE ASSY, INJECTION				1	1			
43	1	129574-59950	SUPPORT				1	1			
44	1	26106-060202	BOLT, M6X 20 PLATED				6				
44-1	1	26106-060202	BOLT, M6X 20 PLATED				4	4		K	
			(D=E/#10223)								
45	1	26106-080122	BOLT, M8X 12 PLATED				1	1			
46	1	26366-060002	NUT, M6				5				
46-1	1	26366-060002	NUT, M6				4			K	
			(D=E/#10223)								
46-2	1	26366-060002	NUT, M6				6	6		K	
			(D=E/#10223)								
47	1	26106-060102	BOLT, M6X 10 PLATED				1	1		W	
			(D=E/#10017)								
48	1	129673-59950	RETAINER, PIPE				1	1		W	
			(D=E/#10017)								

Fig.41. FUEL PIPE(4JH3E)

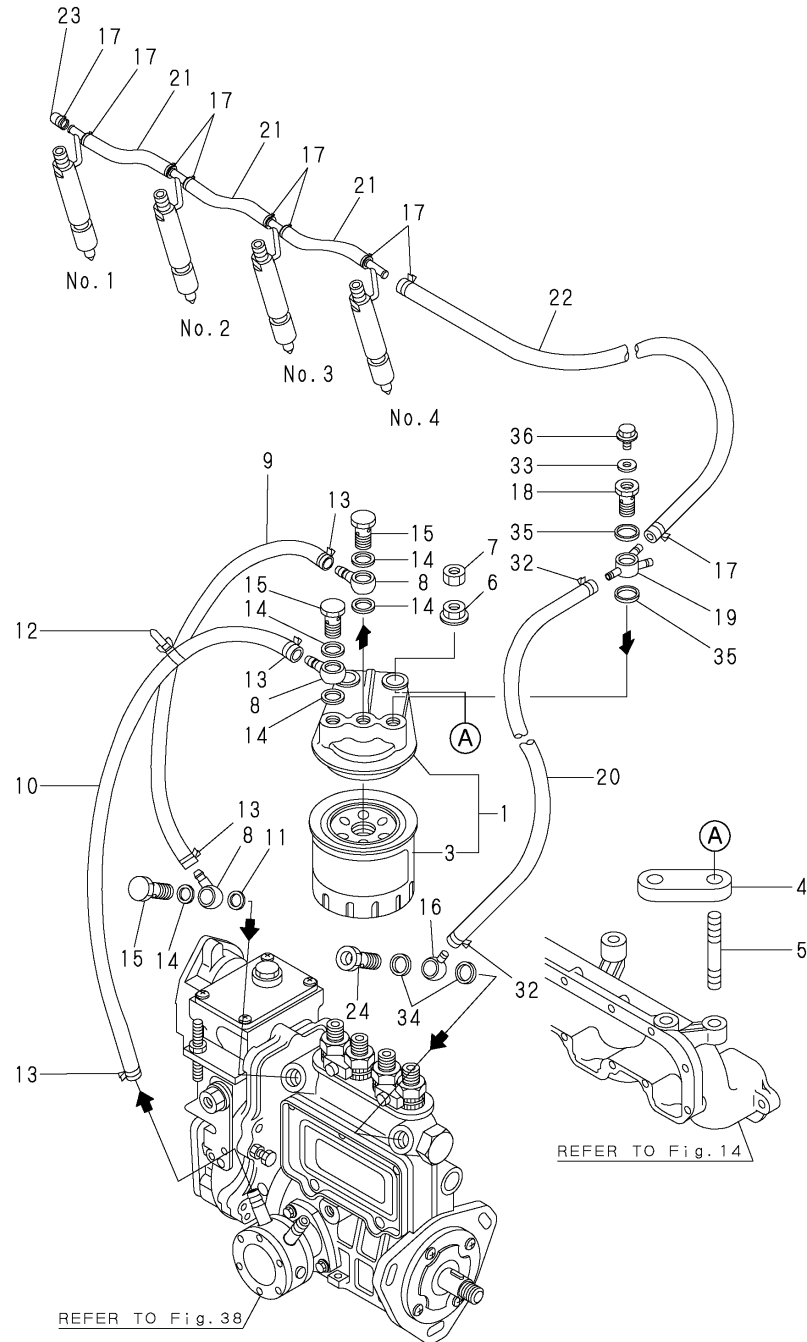
(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-55601	FILTER 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	2	2	2					
6	1	26306-100002	NUT, M10	2	2	2					
7	1	26716-100002	NUT, M10	2	2	2					
8	1	101304-59020	JOINT, PIPE 12	3	3	3					
9	1	129470-59120	PIPE, FUEL	1	1						
9-1	1	129470-59121	PIPE, FUEL	1	1						N
(A=E/#21010) (B=E/#21010)											
9-2	1	129470-59122	PIPE, FUEL	1	1	1					R
(A=E/#21367) (B=E/#21367)											
10	1	129470-59120	PIPE, FUEL	1	1						
10-1	1	129570-59120	PIPE, FUEL	1	1						N
(A=E/#21010) (B=E/#21010)											
10-2	1	129570-59121	PIPE, FUEL	1	1	1					R
(A=E/#21367) (B=E/#21367)											
11	1	104200-59170	GASKET, 12	1	1	1					
12	1	121750-59890	BAND, 140	1	1	1					
13	1	23080-013000	CLAMP, 13	4	4						
13-1	1	23000-019000	CLAMP, 19	4	4						N
(A=E/#21010) (B=E/#21010)											
13-2	1	23000-016000	CLAMP, 16	4	4	4					N
(A=E/#21367) (B=E/#21367)											
14	1	23414-120000	GASKET, 12X1.0	5	5						
14-1	1	22190-120002	WASHER, SEAL 12	5	5	5					N
(A=E/#22733) (B=E/#22733) (C=E/#22733)											
15	1	23857-060000	BOLT, JOINT 6	3	3	3					
16	1	101304-59020	JOINT, PIPE 12	1	1	1					
17	1	124066-59100	CLIP, HOSE 8	7	7						
17-1	1	23000-016000	CLAMP, 16	7	7						N
(A=E/#21010) (B=E/#21010)											
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, PIPE	1	1	1					
20	1	129470-59540	PIPE, FUEL	1	1						
20-1	1	129470-59541	PIPE, FUEL	1	1						N
(A=E/#21010) (B=E/#21010)											
20-2	1	129470-59542	PIPE, FUEL	1	1	1					R
(A=E/#21367) (B=E/#21367)											
21	1	119000-59550	PIPE, FUEL RETURN	3	3						
21-1	1	129495-59552	PIPE, FUEL	3	3						N
(A=E/#21010) (B=E/#21010)											
21-2	1	129495-59553	PIPE, FUEL	3	3						R
(A=E/#21367) (B=E/#21367)											
21-3	1	129270-59550	PIPE, FUEL	3	3	3					R
(A=E/#21459) (B=E/#21459)											
22	1	129470-59560	PIPE, FUEL RETURN	1	1						
22-1	1	129470-59561	PIPE, FUEL	1	1						N
(A=E/#21010) (B=E/#21010)											

Fig.41. FUEL PIPE(4JH3E)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
22-2	1	129470-59562	PIPE, FUEL	1	1	1					R
		(A=E/#21367) (B=E/#21367)									
23	1	129150-59580	CAP	1	1						
23-1	1	119593-59580	CAP	1	1						N
		(A=E/#21010) (B=E/#21010)									
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	2	2						
32-1	1	23000-019000	CLAMP, 19	2	2						N
		(A=E/#21010) (B=E/#21010)									
32-2	1	23000-016000	CLAMP, 16	2	2	2					N
		(A=E/#21367) (B=E/#21367)									
33	1	23414-080000	GASKET, 8X1.0	1	1	1					
33-1	1	22190-080002	WASHER, SEAL 6	1	1	1					N
		(A=E/#22733) (B=E/#22733) (C=E/#22733)									
34	1	23414-120000	GASKET, 12X1.0	2	2	2					
34-1	1	22190-120002	WASHER, SEAL 12	2	2	2					N
		(A=E/#22733) (B=E/#22733) (C=E/#22733)									
35	1	23414-140000	GASKET, 14X1.0	2	2	2					
35-1	1	22190-140002	WASHER, SEAL 14	2	2	2					N
		(A=E/#22733) (B=E/#22733) (C=E/#22733)									
36	1	26106-080102	BOLT, M8X 10 PLATED	1	1	1					

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129673-55650	BRACKET, 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			
4A	3	129574-55780	O-RING				1	1			
5	2	129574-55710	FILTER, FUEL				1				
5-1	2	129574-55711	FILTER, FUEL				1	1		N	
6	2	129574-55700	BODY ASSY				1	1			
7	3	121857-55750	PLUG				1	1			
8	3	121857-55760	WASHER				1	1			
10	1	26216-100352	STUD, M10X 35				2	2			
11	1	26306-100002	NUT, M10				2	2			
12	1	26716-100002	NUT, M10				2	2			
13	1	129470-59540	PIPE, FUEL				1				
13-1	1	129673-59121	PIPE, FUEL				1	1		N	
14	1	119171-59910	JOINT, PIPE				1	1			
15	1	23080-013000	CLAMP, 13				2				
15-1	1	23000-016000	CLAMP, 16				2	2		N	
16	1	23414-120000	GASKET, 12X1.0				1				
16-1	1	22190-120002	WASHER, SEAL 12				1	1		N	
17	1	124722-59050	CLAMP, HOSE 9				8				
17-1	1	23000-013000	CLAMP, 13				9	9		N	
18	1	119593-59590	BAND				1			Z	
19	1	129495-59551	PIPE, FUEL RETURN				3				
19-1	1	129495-59553	PIPE, FUEL				3			N	
19-2	1	129270-59550	PIPE, FUEL				3	3		R	
20	1	129693-59560	PIPE, FUEL RETURN				1				
20-1	1	129693-59562	PIPE, FUEL				1	1		N	
21	1	119593-59580	CAP				1				
21-1	1	129270-59580	CAP				1	1		N	
22	1	129574-59990	JOINT, PIPE				1	1			
23	1	23414-120000	GASKET, 12X1.0				2				
23-1	1	22190-120002	WASHER, SEAL 12				2	2		N	
24	1	129795-59100	PIPE, FUEL L=4000				1	1			
25	1	23000-016000	CLAMP, 16				4	4			
26	1	26106-080252	BOLT, M8X 25 PLATED				2	2			

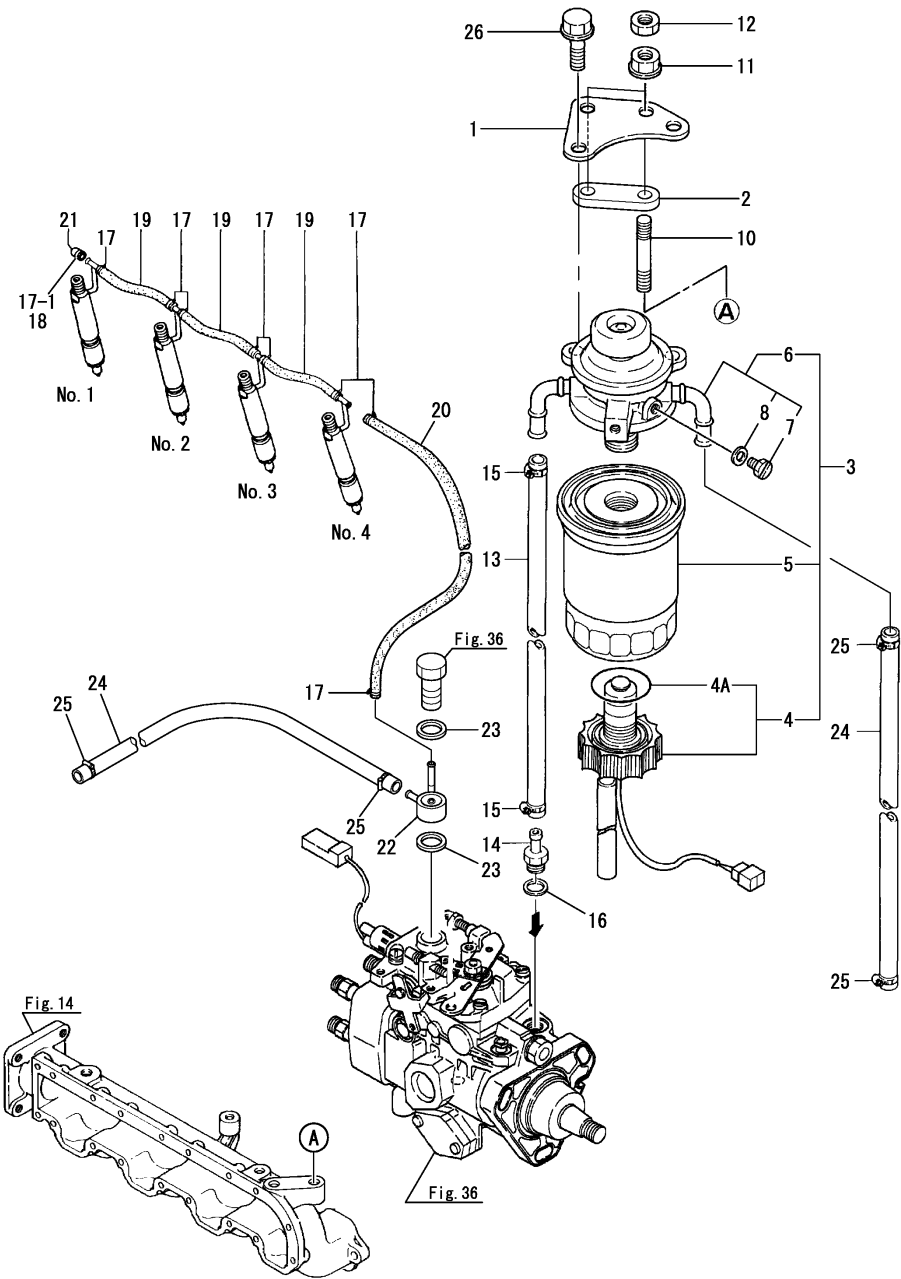
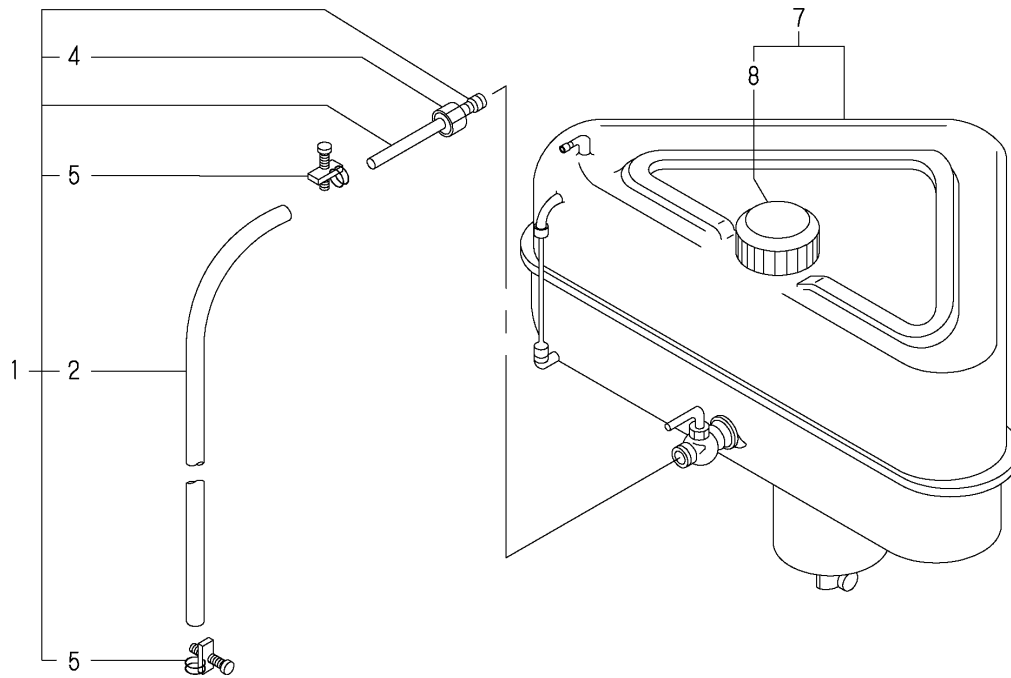
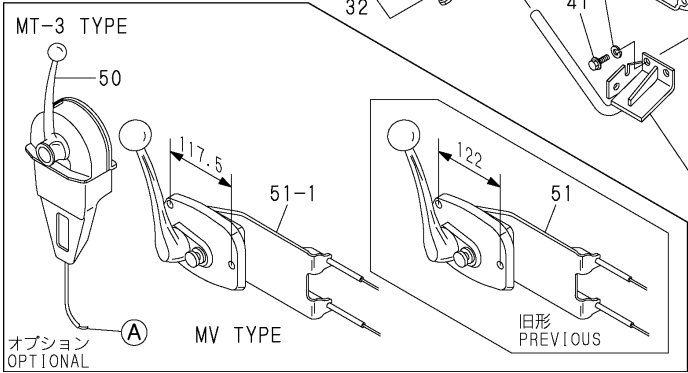
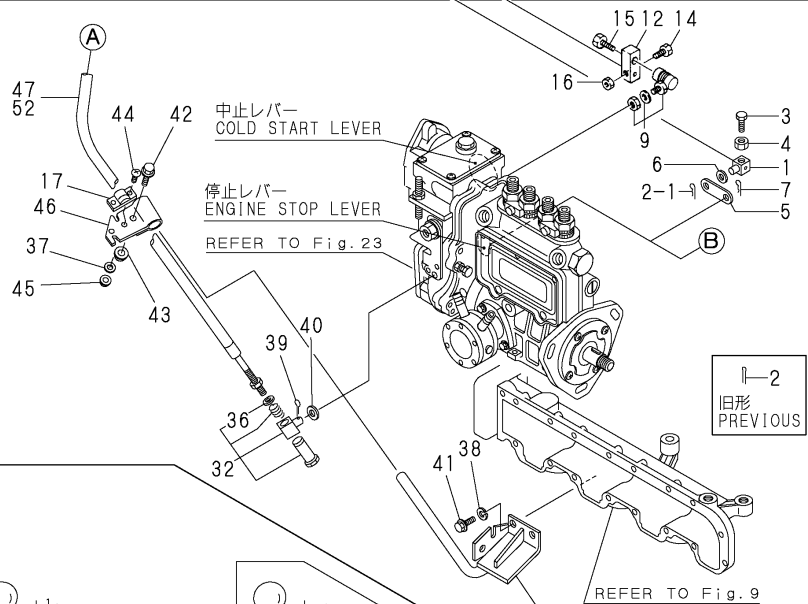
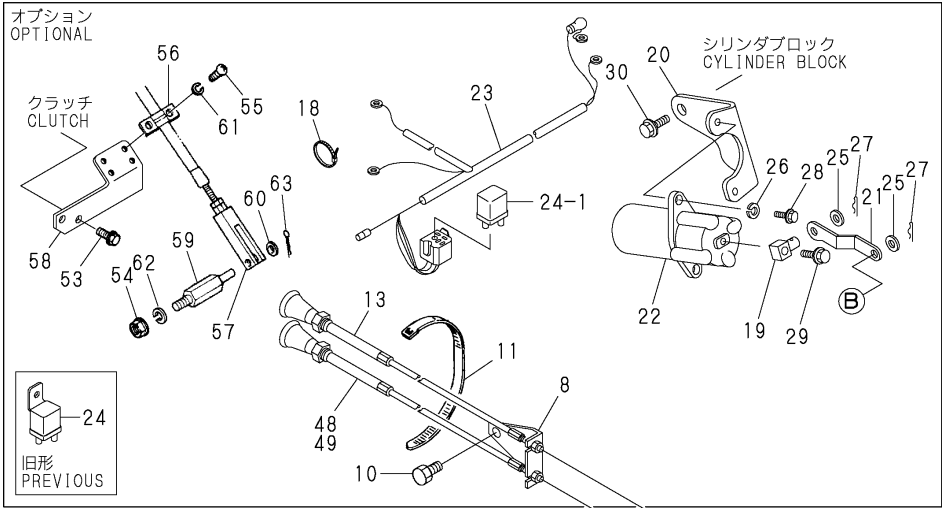


Fig.43. FUEL TANK



				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1	(D)=4JH3-TE (E)=4JH3-TCE (F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124070-59060	PIPE ASSY, FUEL	1	1	1	1	1			
2	2	124070-59130	PIPE, FUEL 2M	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 ASSY	1	1	1	1	1			

OCR10-M46701 4JH3E(CE/CE1)-TE(TCE)
Fig.44. ENGINE STOP DEVIC(4JH3E)

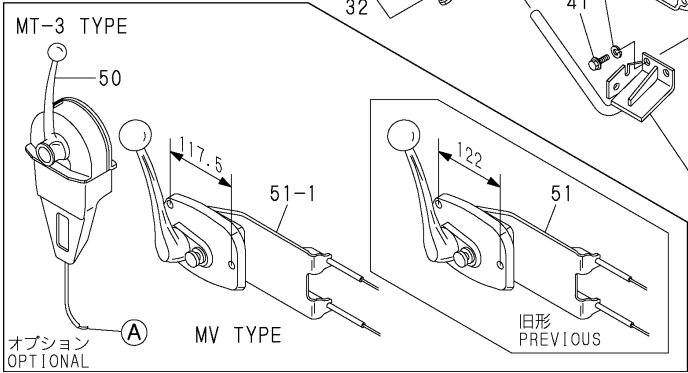
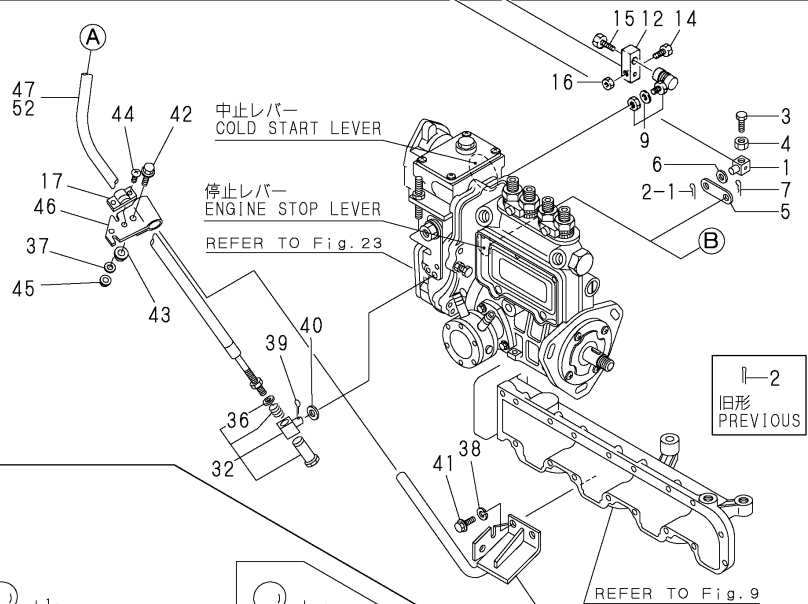
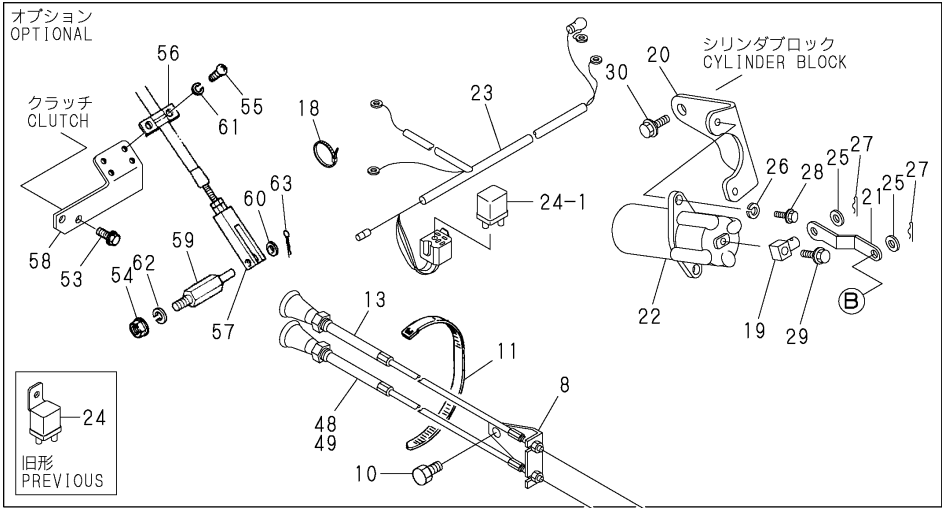


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129590-67310	RETAINER	1	1	1					
2	1	22414-250150	PIN, COTTER 2.5X15	1	1						
2-1	1	22372-050000	PIN, SNAP 5	1	1	1					N
(A=E/#20620) (B=E/#20620)											
3	1	26116-050142	BOLT, M5X 14 PLATED	1	1	1					
4	1	26756-050002	NUT, LOCK M5	1	1	1					
5	1	119867-66910	LINK	1	1	1					W
(A=E/#20620) (B=E/#20620)											
6	1	22137-060000	WASHER, 6	1	1	1					W
(A=E/#20620) (B=E/#20620)											
7	1	22360-080000	SNAP PIN 8	1	1	1					W
(A=E/#20620) (B=E/#20620)											
8	1	129590-67140	BRACKET	1	1	1					W
(A=E/#20620) (B=E/#20620)											
9	1	41710-001300	JOINT, BALL	1	1	1					W
(A=E/#20258) (B=E/#20258)											
10	1	26106-080122	BOLT, M8X 12 PLATED	1	1	1					W
(A=E/#20620) (B=E/#20620)											
11	1	121750-59890	BAND, 140	1	1	1					W
(A=E/#20258) (B=E/#20258)											
12	1	129595-67310	RETAINER	1	1	1					W
(A=E/#20258) (B=E/#20258)											
13	1	129590-67420	CABLE, L=500	1	1	1					W
(A=E/#20258) (B=E/#20258)											
14	1	26116-050142	BOLT, M5X 14 PLATED	1	1	1					W
(A=E/#20258) (B=E/#20258)											
15	1	26116-050202	BOLT, M5X 20 PLATED	1	1	1					W
(A=E/#20258) (B=E/#20258)											
16	1	26756-050002	NUT, LOCK M5	1	1	1					W
(A=E/#20258) (B=E/#20258)											
17	1	41710-000410	CLAMP	1	1	1					
18	1	121750-59890	BAND, 140	1	1	1					
19	1	171078-66551	PIN	1	1	1					
20	1	129470-67300	BRACKET, SOLENOID	1	1						
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	SOLENOID, STOP 12V	1	1	1					
23	1	129470-77971	HARNES, WIRE	1	1	1					
24	1	124617-91850	RELAY	1	1	1					
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	WASHER, SPRING 6	2	2	2					
27	1	22360-080000	SNAP PIN 8	2	2	2					
28	1	26106-060102	BOLT, M6X 10 PLATED	2	2	2					
29	1	26106-060202	BOLT, M6X 20 PLATED	1	1	1					
30	1	26106-080122	BOLT, M8X 12 PLATED	2	2	2					
31	1	129590-67101	BRACKET, GOVERNOR	1	1	1					
32	1	129470-67200	RETAINER ASSY	1	1	1					
36	2	22242-000100	RING, 10	1	1	1					

OCR10-M46701 4JH3E(CE/CE1)-TE(TCE)
Fig.44. ENGINE STOP DEVIC(4JH3E)

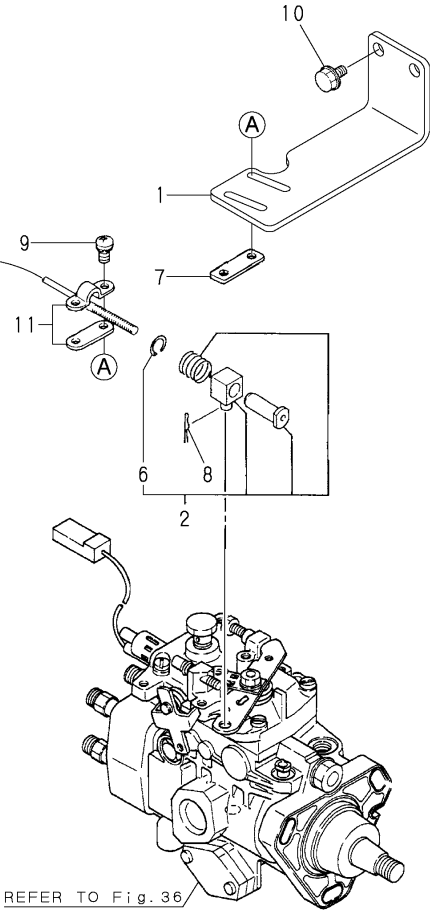
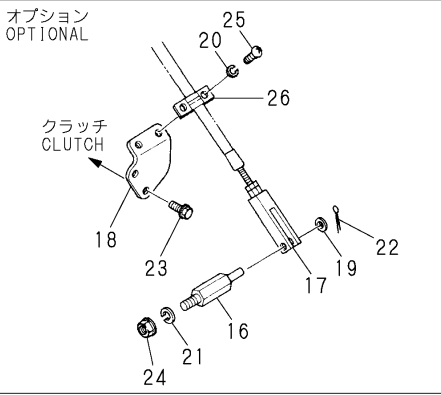
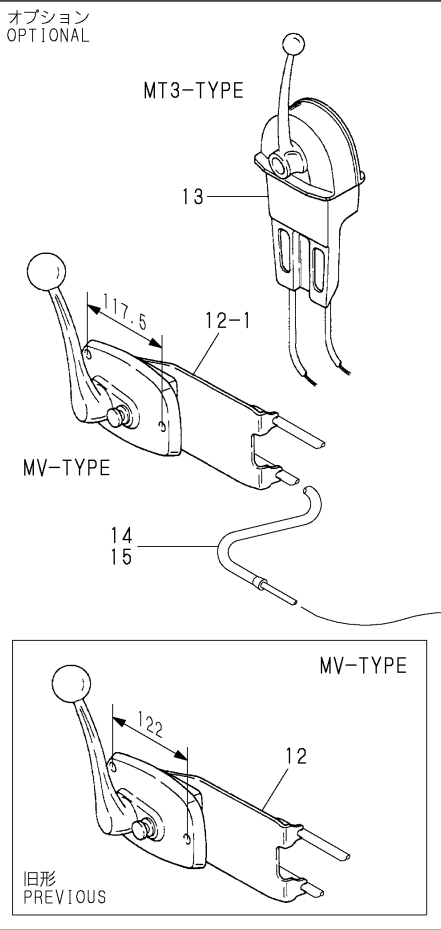
(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

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



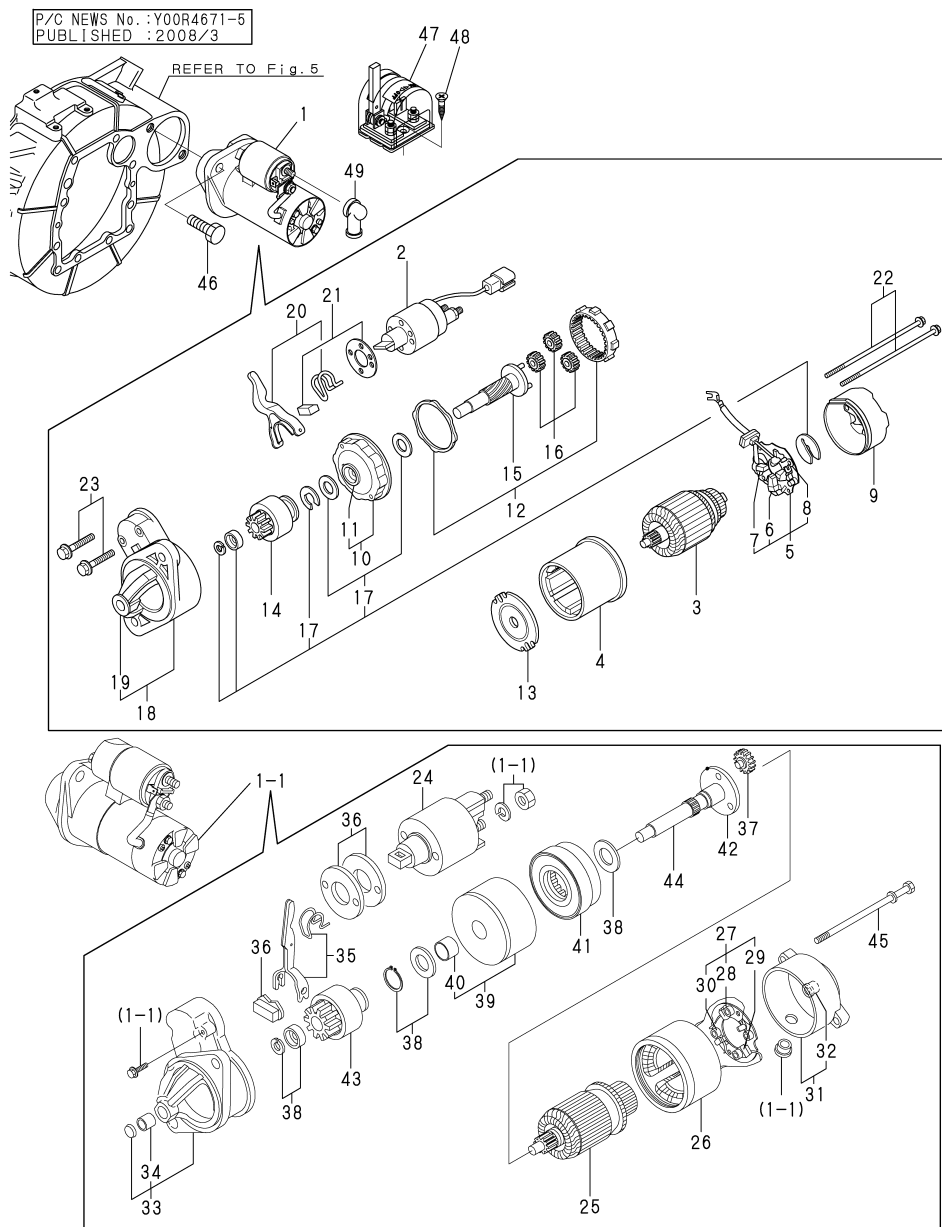
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
37	1	22217-050000	WASHER, SPRING 5	2	2	2					
38	1	22217-080000	WASHER, SPRING 8	2	2	2					
39	1	22414-250150	PIN, COTTER 2.5X15	1	1	1					
40	1	23414-080000	GASKET, 8X1.0	1	1	1					
41	1	26106-080122	BOLT, M8X 12 PLATED	2	2	2					
42	1	26106-080252	BOLT, M8X 25 PLATED	1	1	1					
43	1	26366-080002	NUT, M8	1	1	1					
44	1	26557-050122	SCREW, M5X12	2	2	2					
45	1	26716-050002	NUT, M5	2	2	2					
46	1	129590-67110	BRACKET, CABLE	1	1	1					
47	1	129470-86500	CABLE, L=7000	2	2	2					
48	1	129470-67550	CABLE, STOP L=4000	1	1	1					
49	1	129470-67560	CABLE, STOP L=7000	1	1	1					
50	1	41730-000681	MT-3 REMO-CON	1	1	1					
51	1	128170-86500	CONTROLLER	1	1	1					
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					
53	1	26106-060162	BOLT, M6X 16 PLATED	2	2	2					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
54	1	26306-080002	NUT, M8	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
55	1	26557-050082	SCREW, M5X 8	2	2	2					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
56	1	41710-000410	CLAMP	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
57	1	129670-86250	JOINT	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
58	1	129670-86310	BRACKET, CABLE	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
59	1	128370-86280	CLEVIS, 12SQ-48L	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
60	1	22113-060000	WASHER, 6	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
61	1	22217-050000	WASHER, SPRING 5	2	2	2					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
62	1	22217-080000	WASHER, SPRING 8	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
63	1	22414-160100	PIN, COTTER 1.6X10	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129693-67101	BRACKET				1				
1-1	1	129693-67102	BRACKET				1	1		N	
(D=E/#10223)											
2	1	105311-67200	RETAINER ASSY				1	1			
6	2	22242-000100	RING, 10				1	1			
7	1	121574-86320	RETAINER				1	1			
8	1	22414-250150	PIN, COTTER 2.5X15				1	1			
9	1	26022-050162	SCREW, M5X16				2	2			
10	1	26106-080122	BOLT, M8X 12 PLATED				2	2			
11	1	41710-000410	CLAMP				1	1			
12	1	128170-86500	CONTROLLER				1	1			
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, L=7000				2	2			
16	1	129470-86250	JOINT				1	1			
17	1	128370-86280	CLEVIS, 12SQ-48L				1	1			
18	1	129470-86310	BRACKET, CABLE				1	1			
19	1	22113-060000	WASHER, 6				1	1			
20	1	22217-050000	WASHER, SPRING 5				2	2			
21	1	22217-080000	WASHER, SPRING 8				1	1			
22	1	22414-160100	PIN, COTTER 1.6X10				1	1			
23	1	26106-060162	BOLT, M6X 16 PLATED				2	2			
24	1	26306-080002	NUT, M8				1	1			
25	1	26557-050082	SCREW, M5X 8				2	2			
26	1	41710-000410	CLAMP				1	1			

Fig.46. STARTING MOTOR(4JH3E)

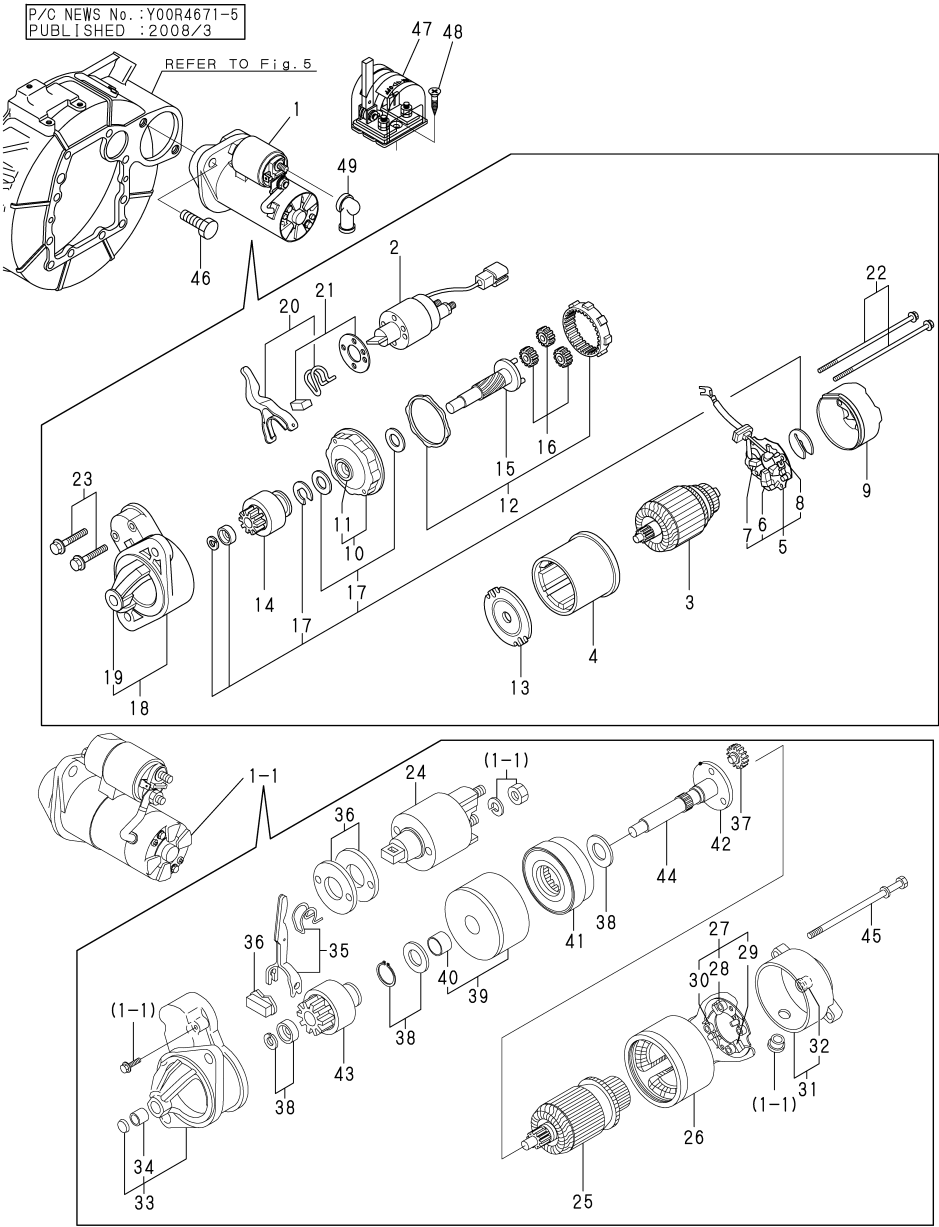


Remarks
(1) INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.1-1
FIG.54 REF.NO.14-1.

				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1				(D)=4JH3-TE (E)=4JH3-TCE (F)=			
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129698-77010	STARTER, 12V1.2KW	1	1	1					
1-1	1	129608-77010	STARTER, S114-817A	1	1	1				F	1
		(A=*2007.01)	(B=*2007.01)	(C=*2007.01)							
2	2	124298-77020	SWITCH, MAGNETIC	1	1						
2-1	2	129698-77020	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	YOKE ASSY	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	1	1	1					
9-1	2	129698-77161	COVER ASSY	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	GEAR, INTERNAL	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	1	1	1					
16	2	129698-77240	GEAR	3	3	3					
17	2	129698-77250	WASHER SET	1	1	1					
18	2	129698-77260	CASE ASSY	1	1	1					
19	3	X2114535200	METAL, STARTER	1	1	1					
20	2	129698-77270	LEVER SET, SHIFT	1	1	1					
21	2	129698-77280	COVER KIT	1	1	1					
22	2	124195-77770	BOLT, THROUGH	2	2	2					
23	2	114371-79070	BOLT	2	2	2					
24	2	129698-77020	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	1	1	1					
32	3	129698-77170	BEARING	1	1	1					
33	2	129698-77260	CASE ASSY	1	1	1					
34	3	X2114535200	METAL, STARTER	1	1	1					
35	2	129698-77270	LEVER SET, SHIFT	1	1	1					
36	2	129698-77280	COVER KIT	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	GEAR, INTERNAL	1	1	1					
42	2	129698-77210	BRACKET	1	1	1					
43	2	129698-77220	PINION ASSY	1	1	1					

N:Old $\xleftrightarrow[\text{NO}]{\text{YES}}$ New, Q:Old $\xleftrightarrow[\text{YES}]{\text{NO}}$ New, R:Old $\xleftrightarrow[\text{YES}]{\text{YES}}$ New, S:Old $\xleftrightarrow[\text{NO}]{\text{NO}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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OCR10-M46701 4JH3E(CE/CE1)-TE(TCE)
Fig.46. STARTING MOTOR(4JH3E)

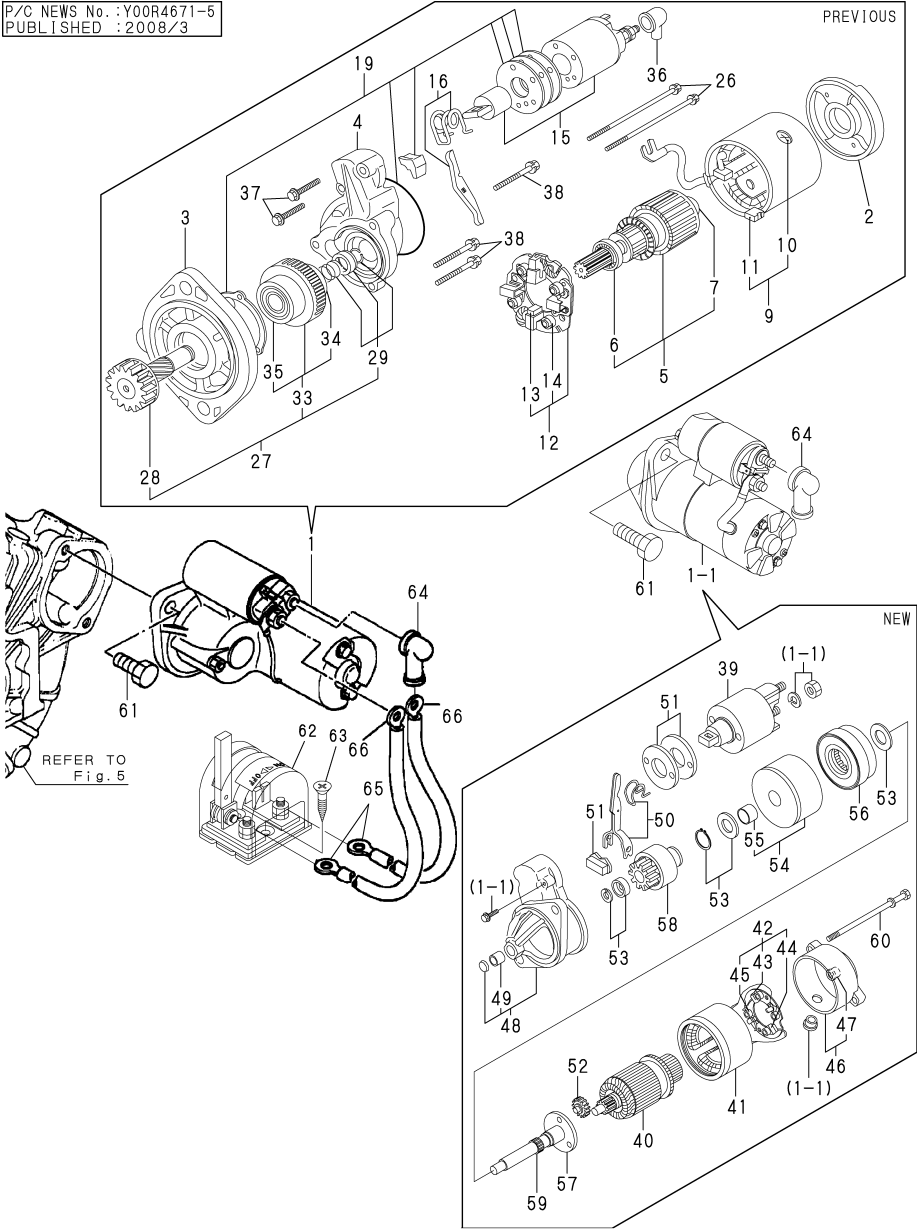


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
44	2	129698-77230	SHAFT	1	1	1					
45	2	124195-77770	BOLT, THROUGH	2	2	2					
46	1	26116-120302	BOLT, M12X 30 PLATED	2	2	2					
47	1	123310-77640	SWITCH, BATTERY	1	1	1					
48	1	22724-800380	SCREW, 8.0X38	2	2	2					
49	1	124550-77030	COVER, TERMINAL	1	1	1					

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

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.

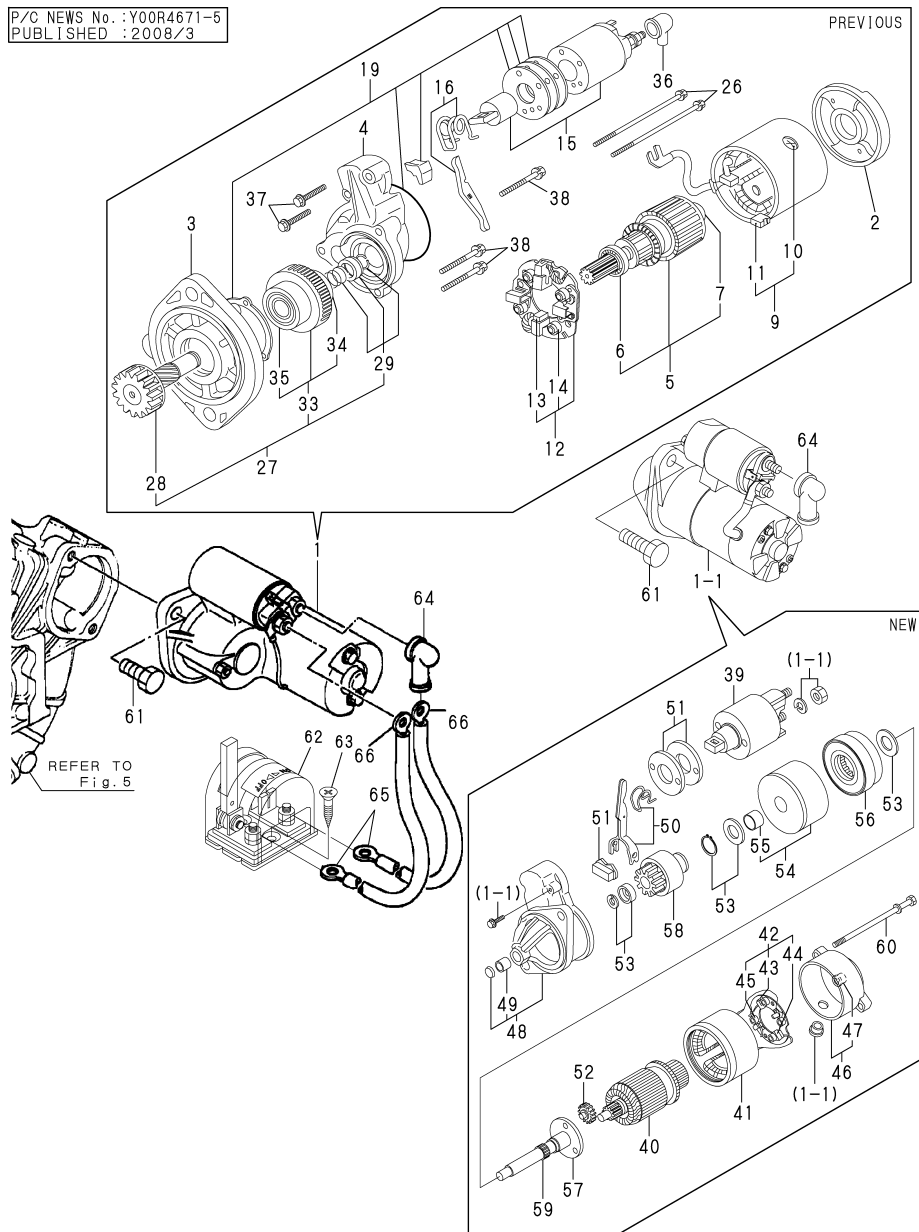
(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171008-77010	STARTER, S114-483				1	1			
1-1	1	129608-77010	STARTER, S114-817A				1	1		F	1
(D=*2007.01)				(E=*2007.01)							
2	2	171008-77500	COVER, REAR				1	1			
3	2	171008-77510	CASE, GEAR				1	1			
4	2	171008-77520	HOUSING, CENTER				1	1			
5	2	171008-77400	ARMATURE ASSY				1	1			
6	3	X2114255110	BEARING, BALL				1	1			
7	3	X2130350900	BEARING, BALL				1	1			
9	2	171008-77440	COIL ASSY, FIELD				1	1			
10	3	171008-77450	SCREW				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				1	1			
19	2	171008-77571	COVER KIT, DUST				1	1			
26	2	171008-77640	BOLT, THROUGH				2	2			
27	2	171008-77650	PINION ASSY				1	1			
28	3	171008-77660	SHAFT				1	1			
29	3	171008-77670	STOPPER SET				1	1			
33	3	X2114555500	CLUTCH ASSY				1	1			
34	4	X2114955020	BEARING, BALL				1	1			
35	4	X2240410100	BEARING, BALL				1	1			
36	2	171008-77750	COVER				1	1			
37	2	26106-060322	BOLT, M6X 32 PLATED				2	2			
38	2	26106-060402	BOLT, M6X 40 PLATED				3	3			
39	2	129698-77020	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				1	1			
47	3	129698-77170	BEARING				1	1			
48	2	129698-77260	CASE ASSY				1	1			
49	3	X2114535200	METAL, STARTER				1	1			
50	2	129698-77270	LEVER SET, SHIFT				1	1			
51	2	129698-77280	COVER KIT				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	GEAR, INTERNAL				1	1			
57	2	129698-77210	BRACKET				1	1			
58	2	129698-77220	PINION ASSY				1	1			
59	2	129698-77230	SHAFT				1	1			
60	2	124195-77770	BOLT, THROUGH				2	2			
61	1	26116-120302	BOLT, M12X 30 PLATED				2	2			

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

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



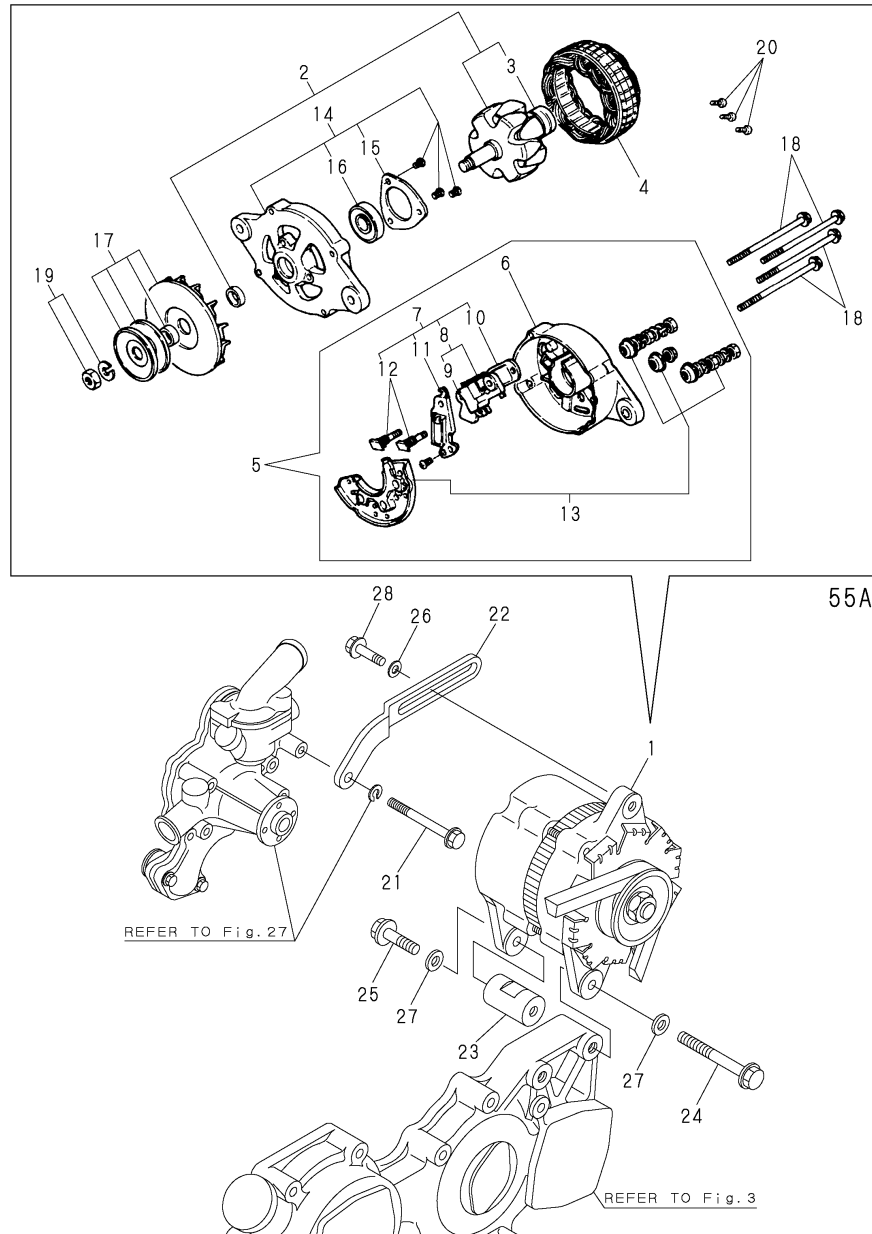
(1) INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.1-1 FIG.54 REF.NO.14-1.

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

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

No.	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, 8.0X38				2	2			
64	1	124550-77030	COVER, TERMINAL				1	1			
65	1	123325-77920	TERMINAL				2	2			
66	1	123325-77930	TERMINAL				2	2			

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129670-77200	GENERATOR	1	1						
1-1	1	129772-77200	GENERATOR(12V-55A)	1	1					R	
		(A=E/#20296)	(B=E/#20296)								
1-2	1	129772-77200	GENERATOR(12V-55A)	1	1	1				Z	1
		(A=E/#25682)	(B=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	XTR1Z63	REGULATOR	1	1	1					
11	4	XL2554318	CONDENSER 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, M8X 65 PLATED	1	1	1					
22	1	129470-77330	ADJUSTER, BELT	1	1						
22-1	1	129670-77430	ADJUSTER	1	1	1				R	
		(A=E/#21955)	(B=E/#21955)								
23	1	129670-77340	PIECE, DISTANCE	1	1	1					
24	1	129695-77370	BOLT, M10X75	1	1	1					
25	1	129695-77380	BOLT, M10X30	1	1	1					
26	1	22137-080000	WASHER, 8	1	1	1					
27	1	22137-100000	WASHER, 10	2	2	2					
28	1	26106-080252	BOLT, M8X 25 PLATED	1	1	1					

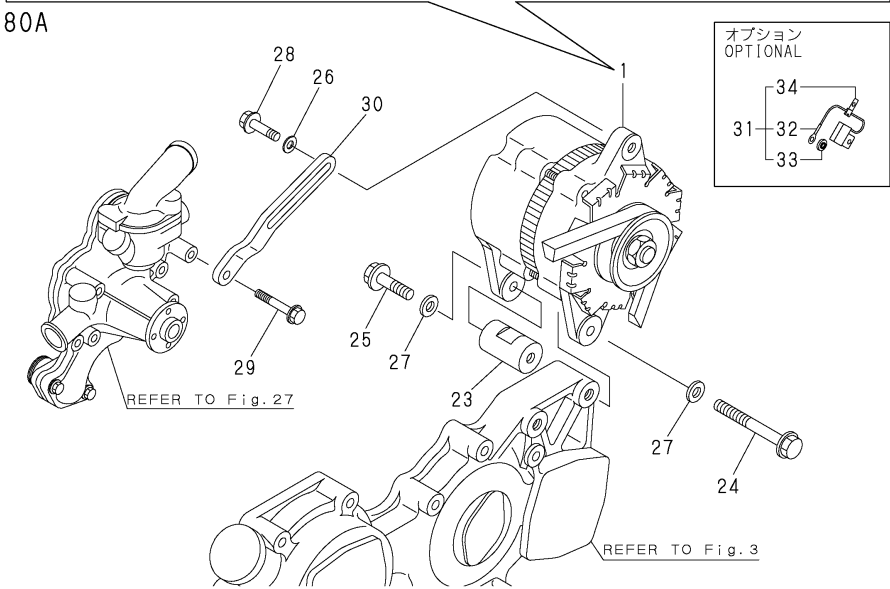
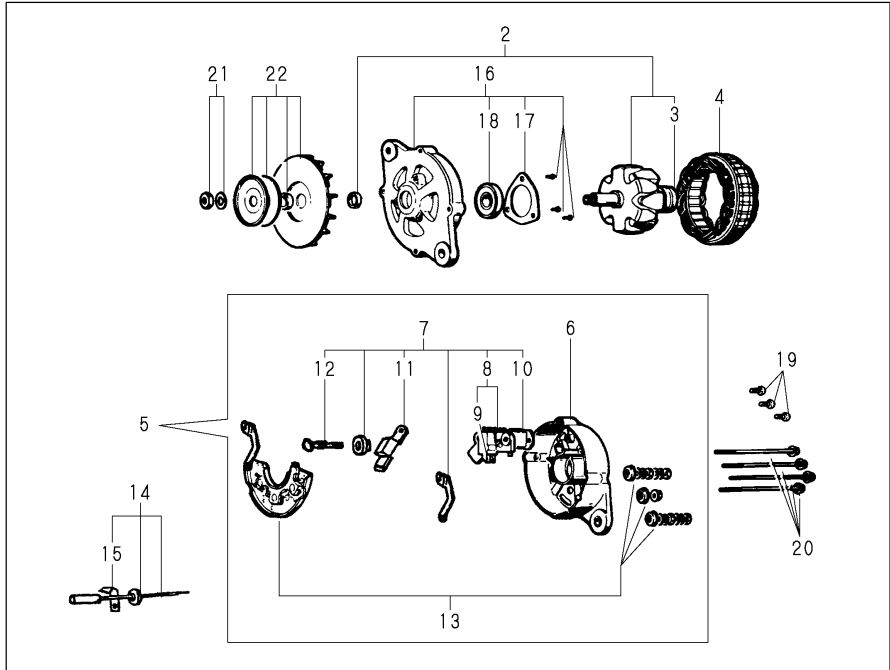
Remarks
(1)INTERCHANGEABILITY IS <N> WITH
FIG.49 REF.NO.1.

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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No.	Lev.	Parts No.	Description	Q'ty			I	R
				(A)	(B)	(C)		
1	1	128271-77200	GENERATOR, 12V-60A	1	1	1		W
		(A=E/#25682) (B=E/#25682) (C=E/#25682)						
2	2	123900-77700	ROTOR ASSY	1	1	1		
3	2	129612-77710	BEARING, BALL	1	1	1		
4	2	128271-77720	BRACKET(STATOR+REGUL	1	1	1		
5	2	123900-77730	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			
8-1	1	129670-77430	ADJUSTER	1	1	1		R
		(A=E/#21955) (B=E/#21955)						
9	1	129670-77340	PIECE, DISTANCE	1	1	1		
10	1	129695-77370	BOLT, M10X75	1	1	1		
11	1	129695-77380	BOLT, M10X30	1	1	1		
12	1	22137-080000	WASHER, 8	1	1	1		
13	1	22137-100000	WASHER, 10	2	2	2		
14	1	26106-080252	BOLT, M8X 25 PLATED	1	1	1		
15	1	26106-080652	BOLT, M8X 65 PLATED	1	1	1		
16	1	129772-77250	CONDENSER ASSY	1	1	1		
17	2	129772-77260	CONDENSER	1	1	1		
18	2	129772-77270	BUSH	2	2	2		
19	2	129772-77280	CLAMP	1	1	1		

Fig.50. GENERATOR(4JH3E:OPTIONAL)



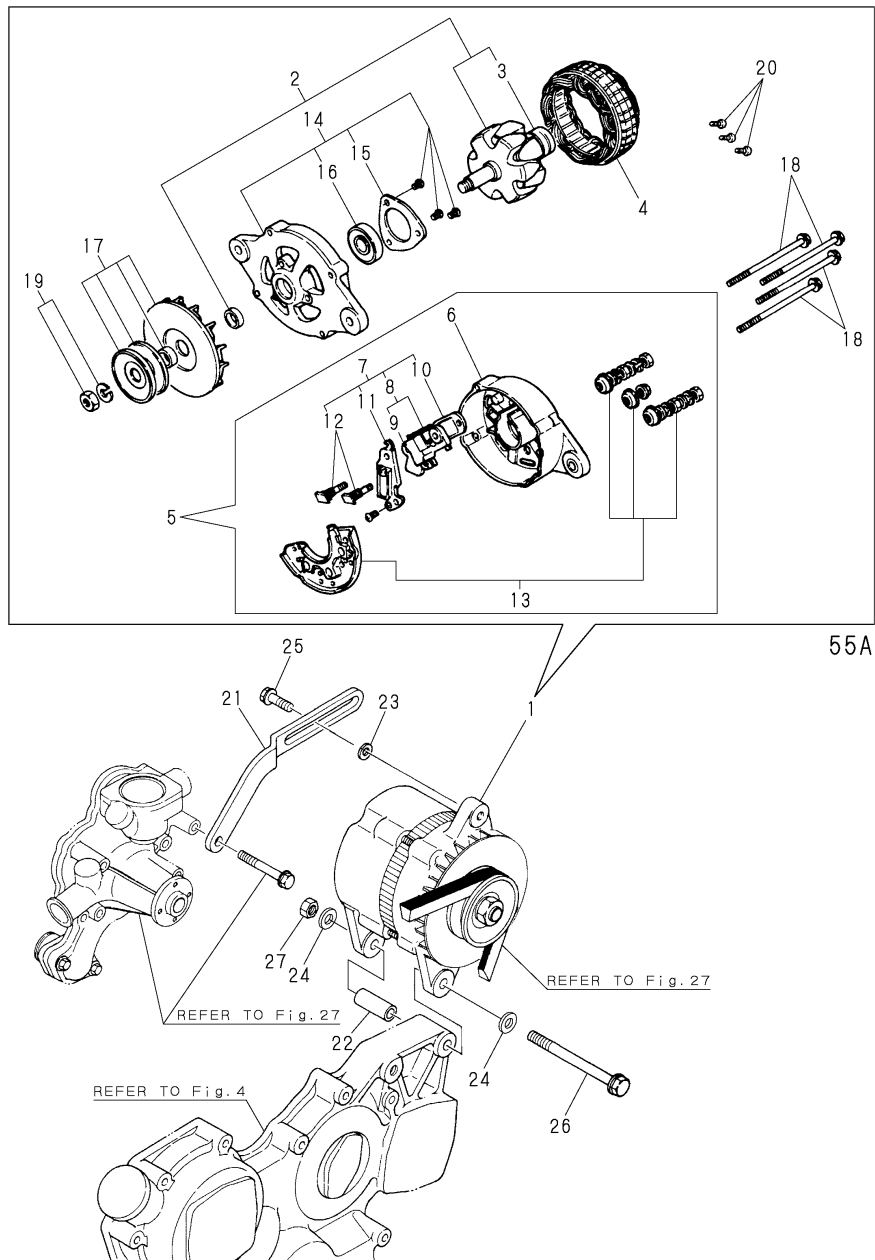
(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

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

No.	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 ASSY	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, LEAD	1	1	1					
15	4	119129-77260	CLAMP	1	1	1					
16	2	XL235340110	COVER ASSY, FRONT	1	1	1					
17	3	XL150M14041	RETAINER	1	1	1					
18	3	X6303BM0000	BEARING, BALL	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	PIECE, DISTANCE	1	1	1					
24	1	129695-77370	BOLT, M10X75	1	1	1					
25	1	129695-77380	BOLT, M10X30	1	1	1					
26	1	22137-080000	WASHER, 8	1	1	1					
27	1	22137-100000	WASHER, 10	2	2	2					
28	1	26106-080252	BOLT, M8X 25 PLATED	1	1	1					
29	1	26106-080652	BOLT, M8X 65 PLATED	1	1	1					
30	1	129470-77330	ADJUSTER, BELT	1	1						
30-1	1	129670-77430	ADJUSTER	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					

Remarks
(1)INC. 9

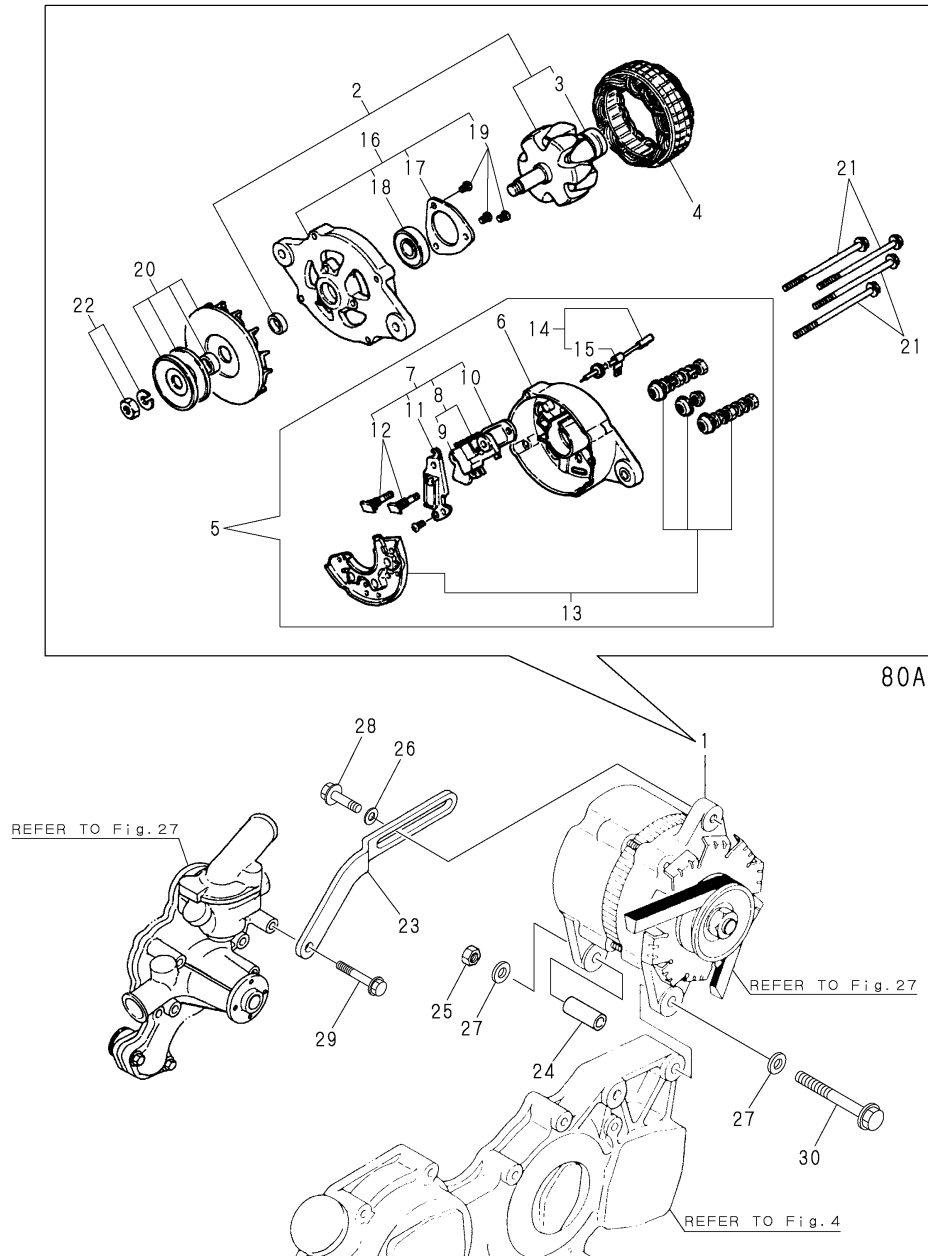
Fig.51. GENERATOR(4JH3-TE)



				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1	(D)=4JH3-TE (E)=4JH3-TCCE (F)=						
No.	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	CONDENSER 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	PIECE, DISTANCE				1	1			
23	1	22137-080000	WASHER, 8				1	1			
24	1	22137-100000	WASHER, 10				2	2			
25	1	26106-080252	BOLT, M8X 25 PLATED				1	1			
26	1	26116-101202	BOLT, M10X120 PLATED				1	1			
27	1	26716-100002	NUT, M10				1	1			

Remarks	(1)INC. 9
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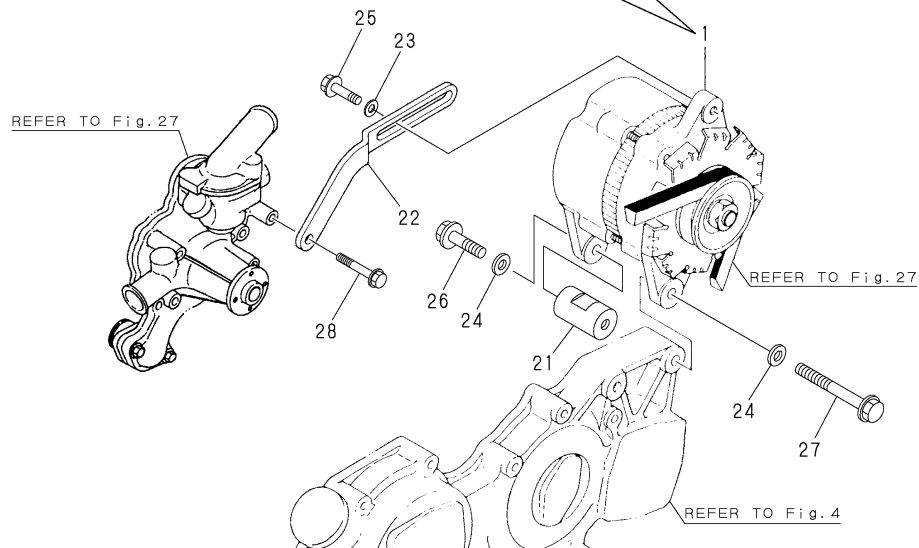
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119573-77201	ALTERNATER(12V-80A (D=E/#10399)				1			Z	
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 ASSY				1				
12	4	124080-77520	BOLT M5				2				
13	3	XL180832000	DIODE ASSY				1				
14	3	119129-77250	WIRE, LEAD				1				
15	4	119129-77260	CLAMP				1				
16	2	XL235340110	COVER ASSY, FRONT				1				
17	3	XL150M14041	RETAINER				1				
18	3	X6303BM0000	BEARING, BALL				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	PIECE, DISTANCE				1				
25	1	26716-100002	NUT, M10				1				
26	1	22137-080000	WASHER, 8				1				
27	1	22137-100000	WASHER, 10				2				
28	1	26106-080252	BOLT, M8X 25 PLATED				1				
29	1	26106-080652	BOLT, M8X 65 PLATED				1				
30	1	26116-101202	BOLT, M10X120 PLATED				1				

Remarks	(1)INC. 9
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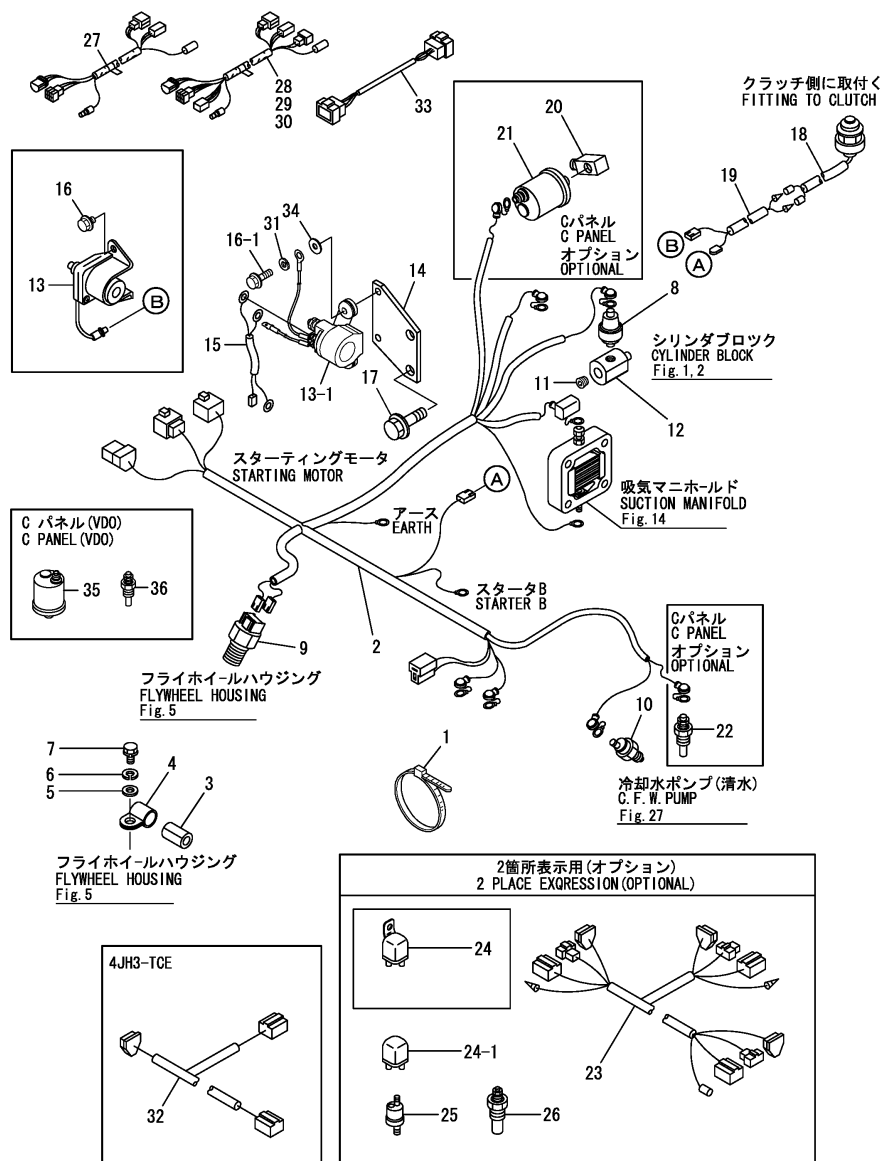
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change



No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	119573-77200	GENERATOR (12V-80A (D=E/#10399)				1	1		W
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	PIECE, DISTANCE				1	1		
22	1	129670-77430	ADJUSTER				1	1		
23	1	22137-080000	WASHER, 8				1	1		
24	1	22137-100000	WASHER, 10				2	2		
25	1	26106-080252	BOLT, M8X 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, M8X 65 PLATED				1	1		

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.54. WIRE HARNESS & SENSOR

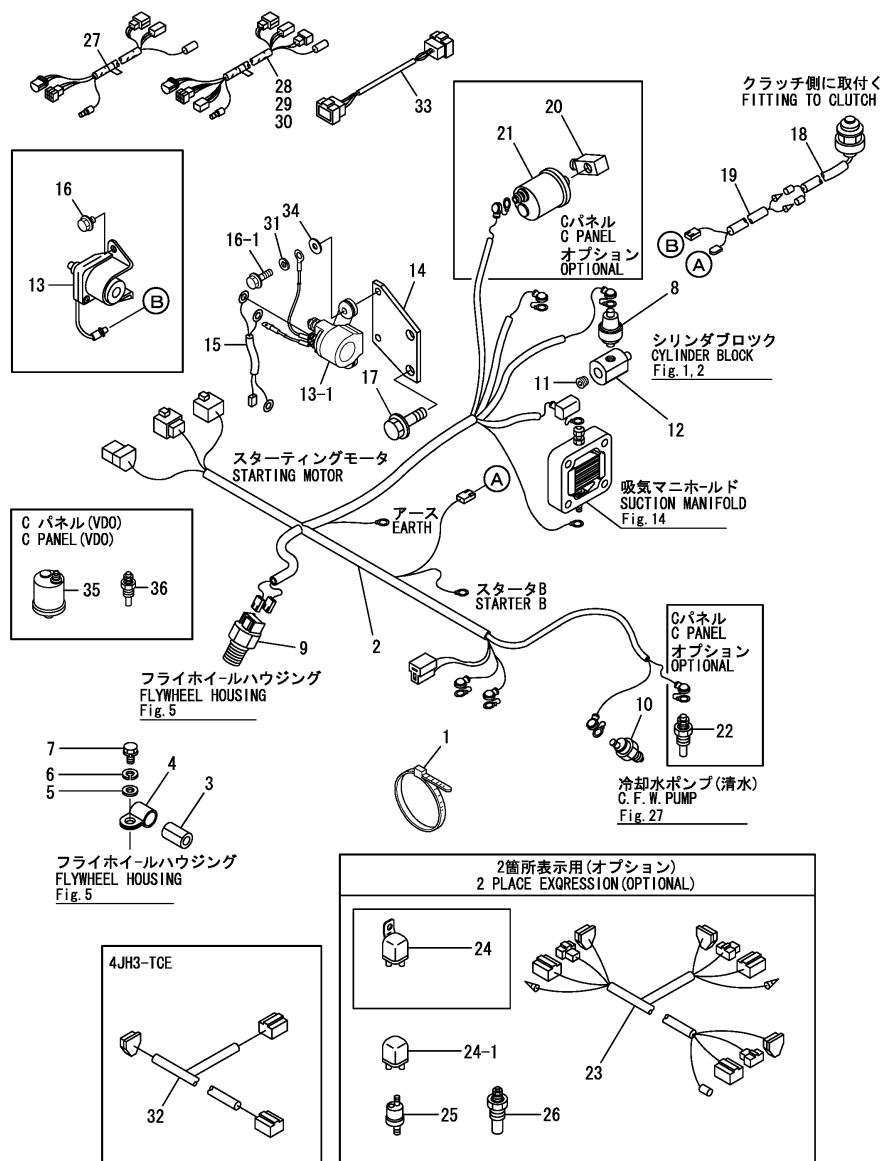


(1)Interchangeable by simultaneous replacement with REF.No.13-1,16-1, 34.

				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1	(D)=4JH3-TE (E)=4JH3-TCE (F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194250-51660	BAND, NYLON	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			
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	1	1	1	1	1			
4-1	1	23297-180081	CLAMP, A18X 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	1	1	1	1	1			
6	1	22217-080000	WASHER, SPRING 8	1	1	1	1	1			
7	1	26106-080162	BOLT, M8X 16 PLATED	1	1	1	1	1			
8	1	124060-39451	SWITCH, 0.2KG	1	1	1	1				
8-1	1	124060-39452	SWITCH, 0.2KG	1	1	1	1	1			N
		(A=E24410)	(B=E24410)	(C=E24410)	(D=E11839)						
9	1	128170-91160	SENSOR	1	1	1	1	1			
10	1	120130-91370	SWITCH, 100	1	1	1	1	1			
11	1	23871-010000	PLUG, R01	1	1						
11-1	1	129270-39620	PLUG, R1/8	1	1	1					N
		(A=E20776)	(B=E20776)								
11A	1	23876-010000	PLUG, R01				1	1			
12	1	43580-500680	DAMPER ASSY, 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)					
14	1	129573-77951	BRACKET	1	1	1	1	1			
14-1	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)					
15	1	129573-77960	HARNESS, WIRE	1	1	1					
15A	1	177074-06350	HARNESS, WIRE				1	1			
16	1	26106-060082	BOLT, M6X 8 PLATED	2	2	2	2	2			
16-1	1	26106-060202	BOLT, M6X 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, SAFETY	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	SENSOR	1	1		1	1			
21-1	1	119773-91500	SENDER	1	1		1				N
		(A=E20387)	(B=E20387)	(D=*1997.07)							
21-2	1	119773-91501	SENSOR	1	1	1	1				N
		(A=E23803)	(B=E23803)	(C=E23803)	(D=E11493)						
22	1	144626-91570	SENDER UNIT	1	1	1	1	1			
23	1	129574-77980	HARNESS, WIRE	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=E22643)	(B=E22643)	(C=E22643)	(D=E10799)						
25	1	129574-91560	SENSOR	1	1	1	1	1			
25-1	1	129574-91561	SENSOR	1	1	1	1	1			R
		(A=E25003)	(B=E25003)	(C=E25003)	(D=E12191)	(E=E12191)					
26	1	129574-91570	SENSOR	1	1	1	1	1			

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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Fig.54. WIRE HARNESS & SENSOR

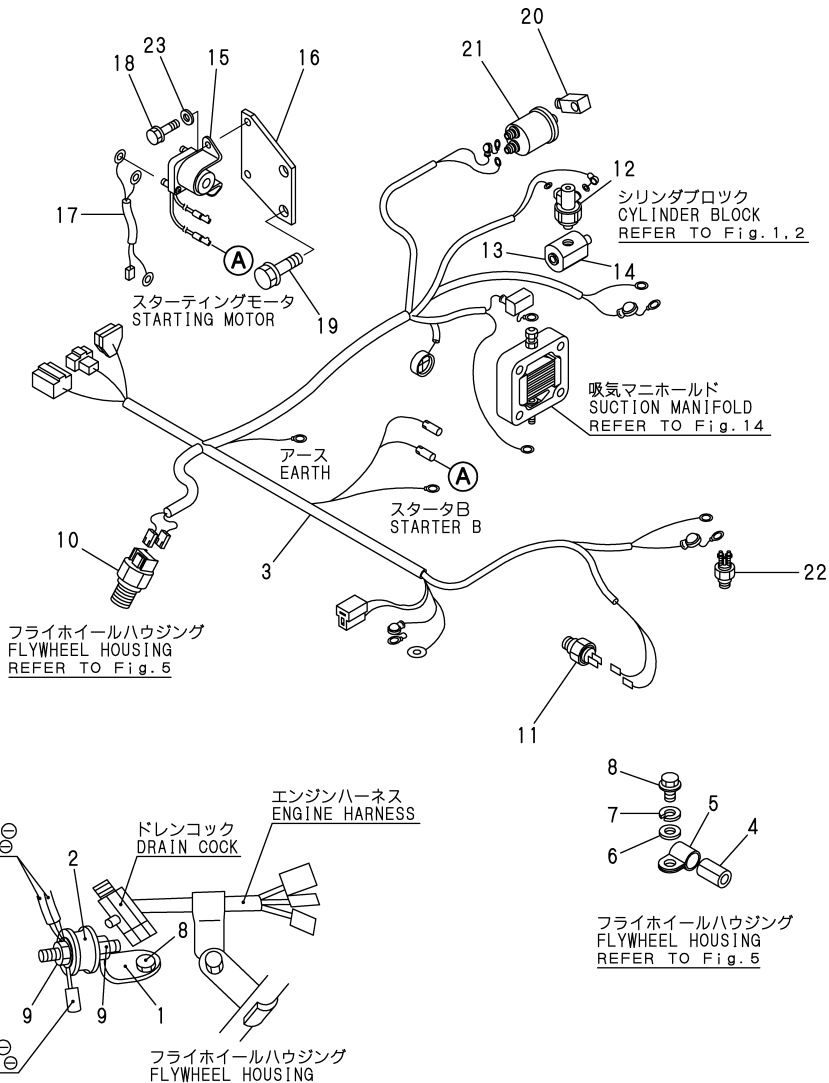


(1)Interchangeable by simultaneous replacement with REF.No.13-1,16-1, 34.

				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1	(D)=4JH3-TE (E)=4JH3-TCE (F)=	Q'ty						I R	
No.	Lev.	Parts No.	Description			(A)	(B)	(C)	(D)	(E)	(F)		
27	1	128391-77720	HARNESS, WIRE			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, WIRE 10M			1	1	1	1	1			
31	1	22217-060000	WASHER, SPRING 6			2	2	2	2	2			
32	1	129671-77900	HARNESS, WIRE								1		
33	1	129670-77990	ADAPTER			1	1	1	1	1		W	
	(A=E25638)	(B=E25638)	(C=E25638)	(D=E12811)	(E=E12811)								
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)								
35	1	119773-91650	SENSOR			1	1	1	1	1		W	
	(A=EZZZZZ)	(B=EZZZZZ)	(C=EZZZZZ)	(D=EZZZZZ)	(E=EZZZZZ)								
36	1	119773-91700	SENDER			1	1	1	1	1		W	
	(A=EZZZZZ)	(B=EZZZZZ)	(C=EZZZZZ)	(D=EZZZZZ)	(E=EZZZZZ)								

Fig.55. WIRE HARNESS(EARTH FLOAT TYPE)

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

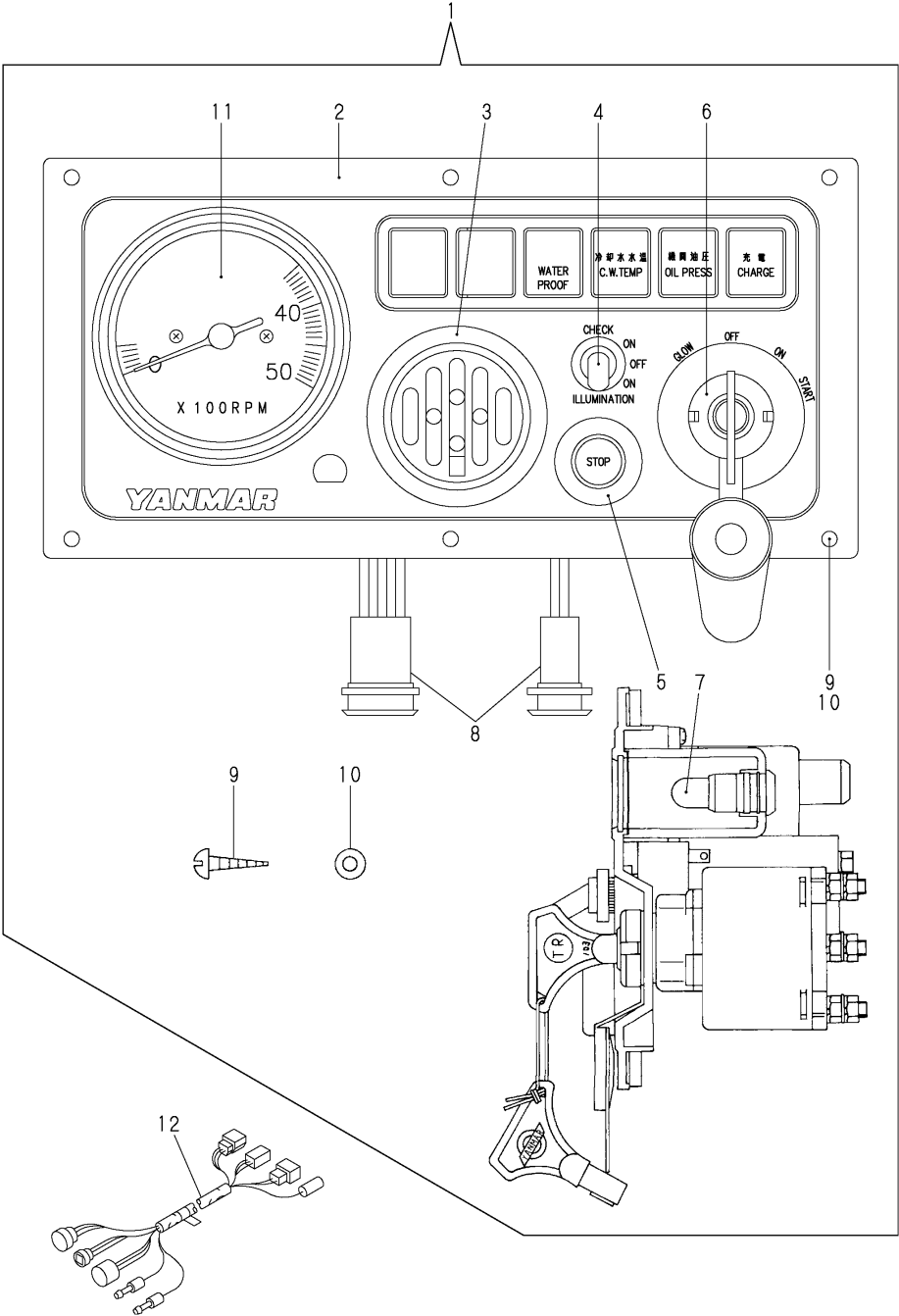


(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

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

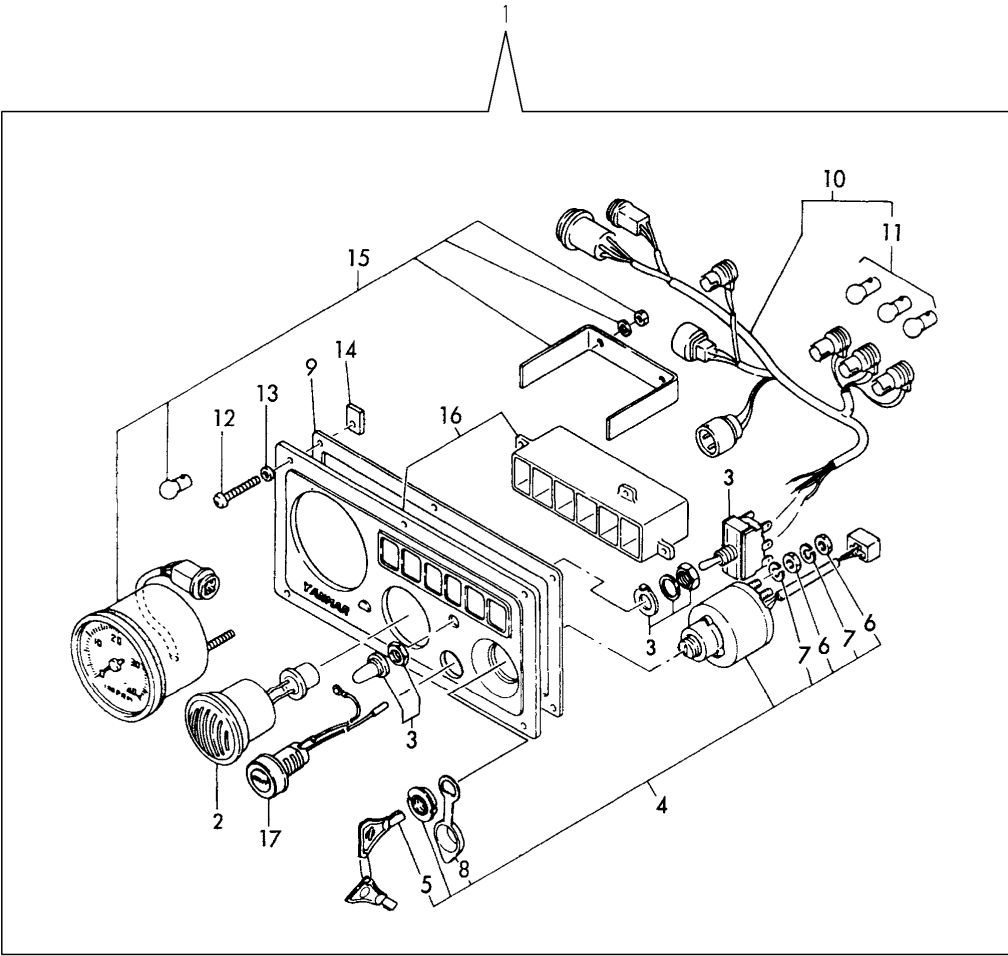
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129590-59200	RETAINER, PIPE	1	1	1	1	1			
2	1	194555-62750	RUBBER, ABSORBER	1	1	1	1	1			
3	1	129570-77820	HARNESS, WIRE	1	1	1					
3A	1	129574-77820	HARNESS, WIRE				1	1			
4	1	124770-77940	PROTECTOR	1	1	1	1	1			
4-1	1	129670-77940	PROTECTOR	1	1	1	1	1		R	
(A)=*2008.02) (B)=*2008.02) (C)=*2008.02) (D)=*2008.02) (E)=*2008.02)											
5	1	124070-77950	CLAMP	1	1	1	1	1			
6	1	22137-080000	WASHER, 8	1	1	1	1	1			
7	1	22217-080000	WASHER, SPRING 8	1	1	1	1	1			
8	1	26106-080142	BOLT, M8X 14 PLATED	2	2	2	2	2			
9	1	26716-080002	NUT, M8	2	2	2	2	2			
10	1	128170-91160	SENSOR	1	1	1	1	1			
11	1	129570-91320	SWITCH, 100	1	1	1	1	1			
12	1	126630-91591	SWITCH,OIL PRESSURE	1	1	1	1	1			
13	1	23876-010000	PLUG, R01	1	1	1	1	1			
14	1	43580-500680	DAMPER ASSY, PT1/8	1	1	1	1	1			
15	1	129570-77920	RELAY, STARTER	1	1	1	1	1			
16	1	129573-77951	BRACKET	1	1	1	1	1			
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, M6X 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	WASHER, SPRING 6	2	2	2	2	2			

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129670-91110	PANEL ASSY, B	1	1	1					
2	2	129495-91010	BODY, PANEL	1	1	1					
3	2	104271-91352	BUZZER	1	1	1					
4	2	128170-91310	SWITCH	1	1	1					
5	2	129470-91190	SWITCH, STOP	1	1	1					
6	2	127412-91250	SWITCH, KEY	1	1	1					
7	2	124617-91920	BULB, 12V-3W	4	4	4					
8	2	129171-91850	HARNESS, WIRE	1	1	1					
9	2	128170-91810	SCREW, M5X35	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, WIRE	1	1	1					

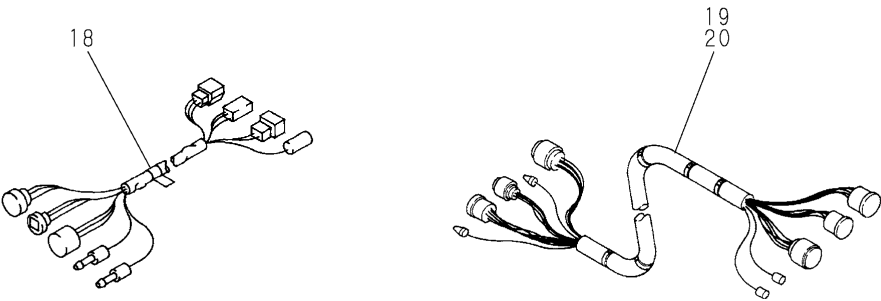
Fig.57. INSTRUMENT PANEL(B:4JH3-TE)

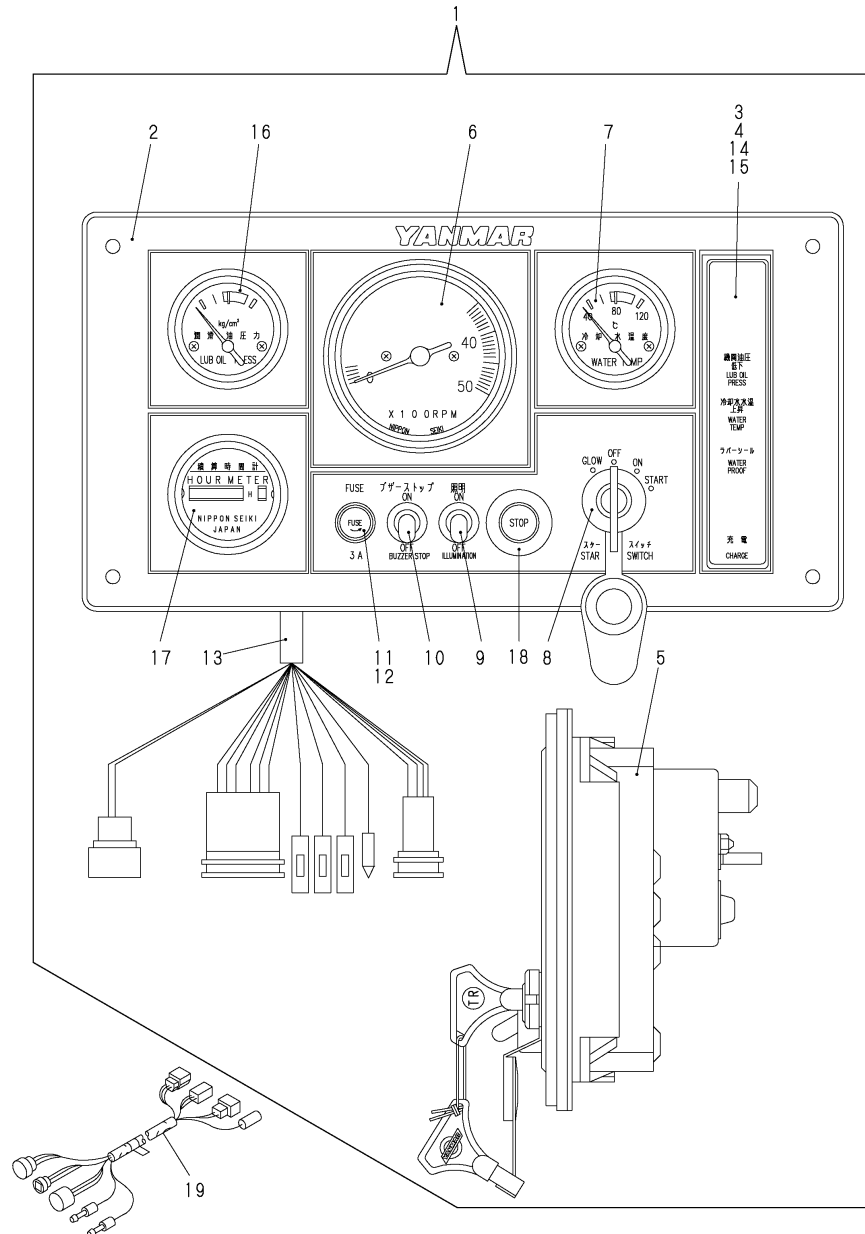


(A)=4JH3E
(B)=4JH3CE
(C)=4JH3CE1

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

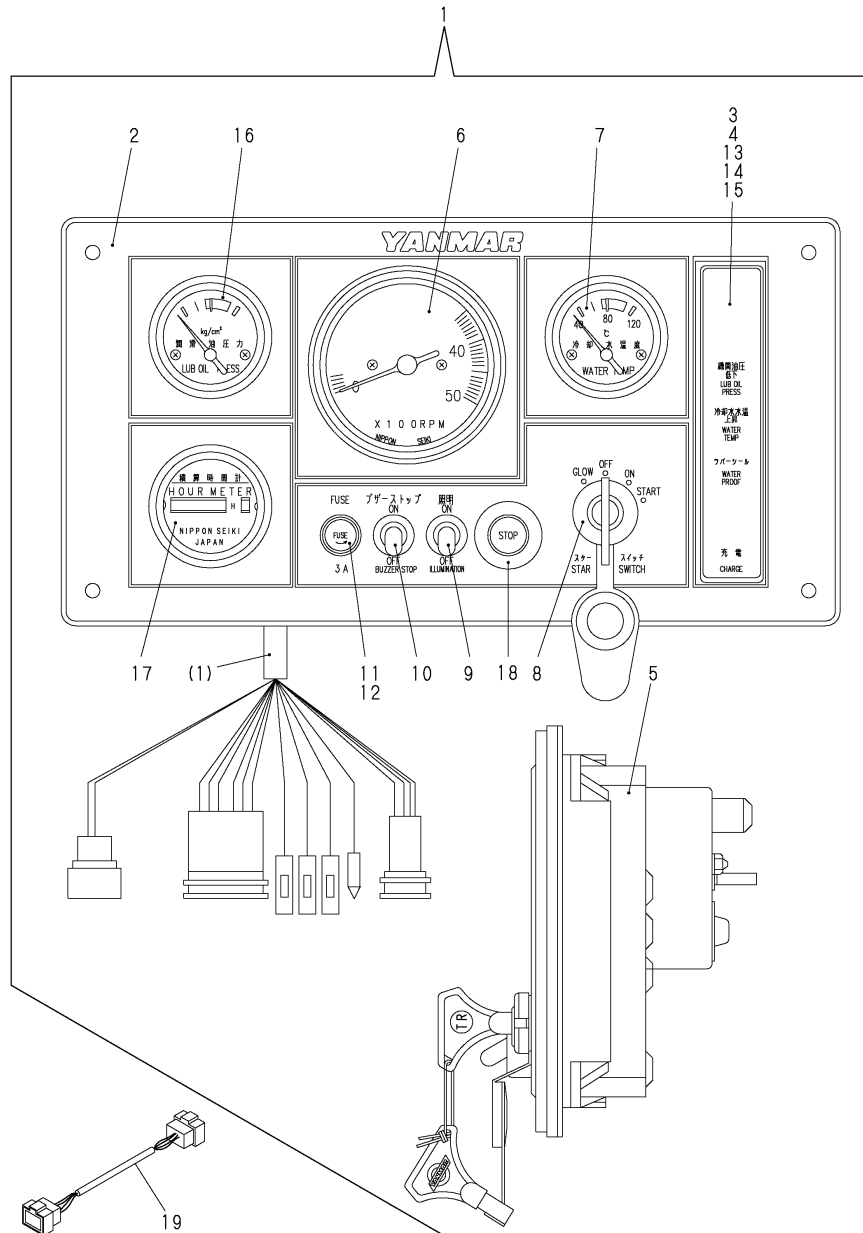
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124411-91190	PANEL ASSY				1	1			
1-1	1	124411-91191	PANEL ASSY, B				1	1		N	
			(D=E/#12387) (E=E/#12387)								
2	2	104271-91351	BUZZER				1	1			
3	2	128170-91310	SWITCH				1	1			
4	2	127412-91250	SWITCH, KEY				1	1			
5	3	123482-91291	KEY				1	1			
6	3	26716-050002	NUT, M5				10	10			
7	3	22217-050000	WASHER, SPRING 5				10	10			
8	3	127620-91820	COVER				1	1			
9	2	128170-91020	GASKET				1	1			
10	2	128170-91031	HARNESS, WIRE				1	1			
11	3	194151-55820	BULB, 12V3.4W				3	3			
12	2	128170-91810	SCREW, M5X35				6	6			
13	2	128170-91820	WASHER, 5				6	6			
14	2	128170-91830	NUT, M5				6	6			
15	2	128696-91100	TACHOMETER				1	1			
16	2	124411-91010	BODY, PANEL				1	1			
17	2	129470-91190	SWITCH, STOP				1	1			
18	1	129574-77860	HARNESS, WIRE				1	1		Z	
			(D=E/#12387) (E=E/#12387)								
19	1	127610-77710	HARNESS, WIRE 3.8M				1	1			
20	1	119171-77701	HARNESS, WIRE 6M				1	1			





No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	129171-91171	PANEL ASSY	1	1					
1-1	1	129171-91172	PANEL ASSY, C	1	1					S
		(A=E/#22126)	(B=E/#22126)							
1-2	1	129171-91172	PANEL ASSY, C	1	1	1				Z 1
		(A=E/#25155)	(B=E/#25155) (C=E/#25155)							
2	2	129470-91180	BODY, PANEL	1	1	1				
3	2	129171-91600	LENS ASSY	1	1	1				
4	3	127410-91600	LENS	1	1	1				
5	2	127410-91620	BODY	1	1	1				
6	2	129171-91200	TACHOMETER ASSY	1	1	1				
7	2	124617-91840	THERMOMETER, WATER	1	1	1				
8	2	121575-91250	SWITCH, 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, 12V-3W	1	1	1				
15	2	194555-55820	BULB, 12V1.7W	7	7	7				
16	2	129470-91160	GAUGE	1	1					
16-1	2	129470-91161	METER	1	1	1				S
		(A=E/#22126)	(B=E/#22126)							
17	2	157854-04300	HOOR METER	1	1	1				
18	2	129470-91190	SWITCH, STOP	1	1	1				
19	1	129574-77860	HARNESS, WIRE	1	1	1				Z
		(A=E/#25155)	(B=E/#25155) (C=E/#25155)							

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

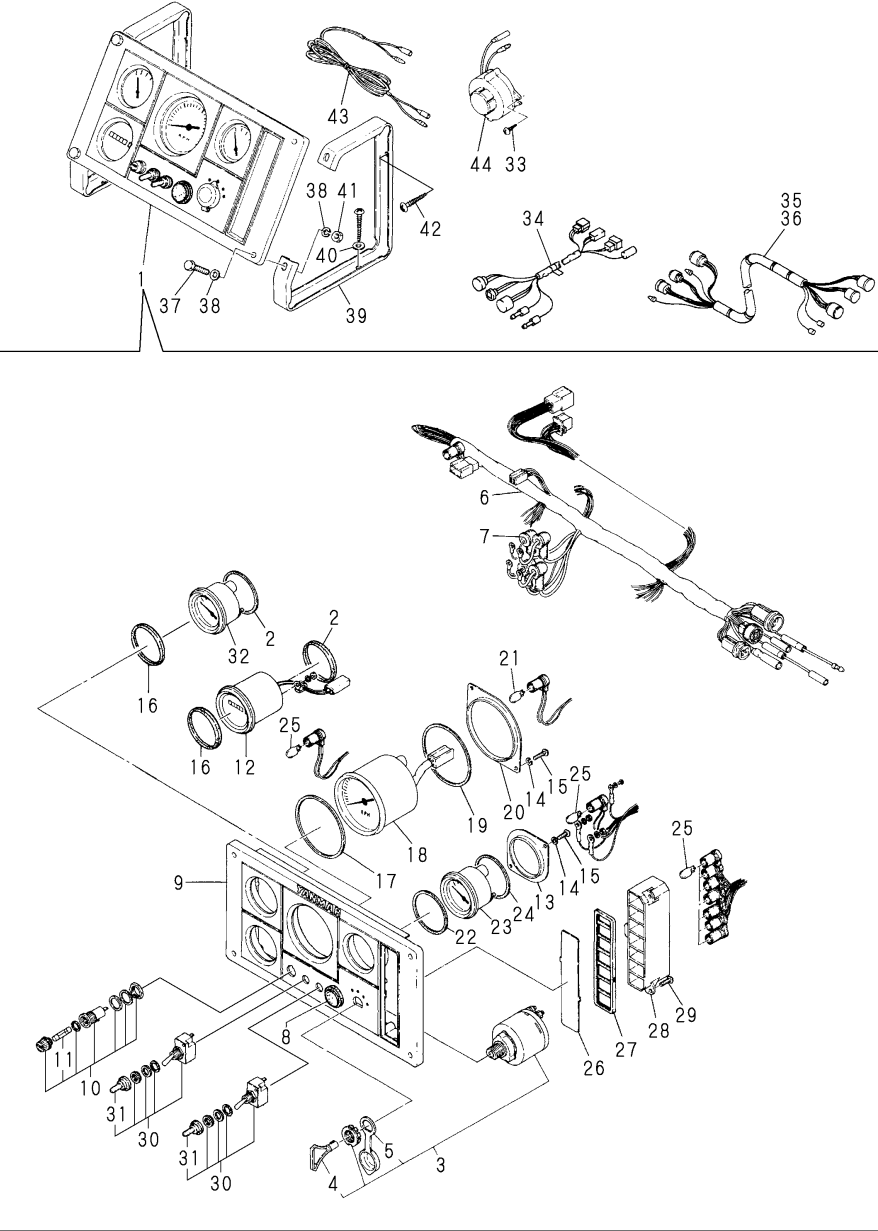


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129171-91173	PANEL ASSY, C	1	1	1					W
		(A=E/#25155)	(B=E/#25155)	(C=E/#25155)							
1-1	1	129171-91174	PANEL ASSY, C	1	1	1					F 1
		(A=E/#25638)	(B=E/#25638)	(C=E/#25638)							
2	2	129470-91180	BODY, PANEL	1	1	1					
3	2	129171-91600	LENS ASSY	1	1	1					
4	3	127410-91600	LENS	1	1	1					
5	2	127410-91620	BODY	1	1	1					
6	2	129171-91200	TACHOMETER ASSY	1	1	1					
7	2	124617-91840	THERMOMETER, WATER	1	1	1					
8	2	121575-91250	SWITCH, 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, 12V-3W	1	1	1					
15	2	194555-55820	BULB, 12V1.7W	7	7	7					
16	2	129470-91161	METER	1	1	1					
17	2	157854-04300	HOUR METER	1	1	1					
18	2	129470-91190	SWITCH, STOP	1	1	1					
19	1	129670-77990	ADAPTER	1	1	1					W
		(A=E/#25638)	(B=E/#25638)	(C=E/#25638)							

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

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



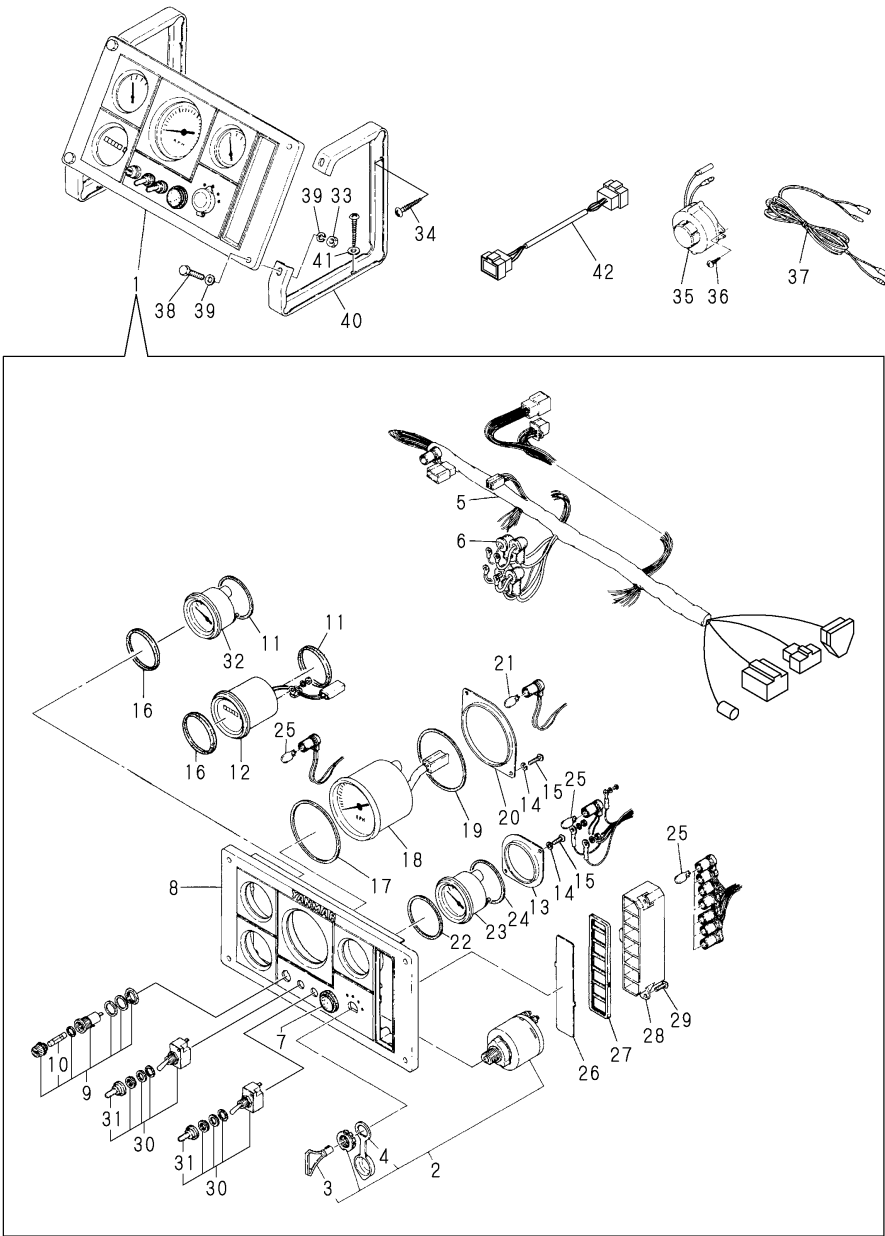
Remarks
(1)INTERCHANGEABILITY IS <N> WITH
FIG.61 REF.NO.1.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-91100	PANEL ASSY				1				
1-1	1	129470-91101	PANEL ASSY, C				1			S	
(D=E/#10584)											
1-2	1	129470-91101	PANEL ASSY, C				1	1		Z	1
(D=E/#12387) (E=E/#12387)											
2	2	127410-91590	GASKET				2	2			
3	2	121575-91250	SWITCH, KEY				1	1			
4	3	123482-91291	KEY				2	2			
5	3	127620-91820	COVER				1	1			
6	2	129470-91150	HARNESS ASSY, WIRE				1	1			
7	2	127620-91830	CAP, RUBBER				4	4			
8	2	129470-91190	SWITCH, STOP				1	1			
9	2	129470-91180	BODY, PANEL				1	1			
10	2	46150-003610	BOX(WITH OUT FUSE				1	1			
11	3	124617-91990	FUSE				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	GASKET				2	2			
17	2	127410-91550	GASKET				1	1			
18	2	129470-91170	TACHOMETER				1	1			
19	2	127410-91560	GASKET				1	1			
20	2	127410-91570	BRACKET				1	1			
21	2	124617-91920	BULB, 12V-3W				1	1			
22	2	127410-91580	GASKET				1	1			
23	2	124617-91840	THERMOMETER, WATER				1	1			
24	2	127410-91590	GASKET				1	1			
25	2	124617-91980	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				1	1			
29	2	127410-91630	SCREW				3	3			
30	2	127620-91790	SWITCH				2	2			
31	3	127620-91780	CAP, RUBBER				2	2			
32	2	129470-91160	GAUGE				1				
32-1	2	129470-91161	METER				1	1		S	
(D=E/#10584)											
33	1	22717-410160	SCREW, 4.1X16				2	2			
34	1	129574-77860	HARNESS, WIRE				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	HARNESS, WIRE				1	1			
44	1	124617-91900	BUZZER				1	1			

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

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

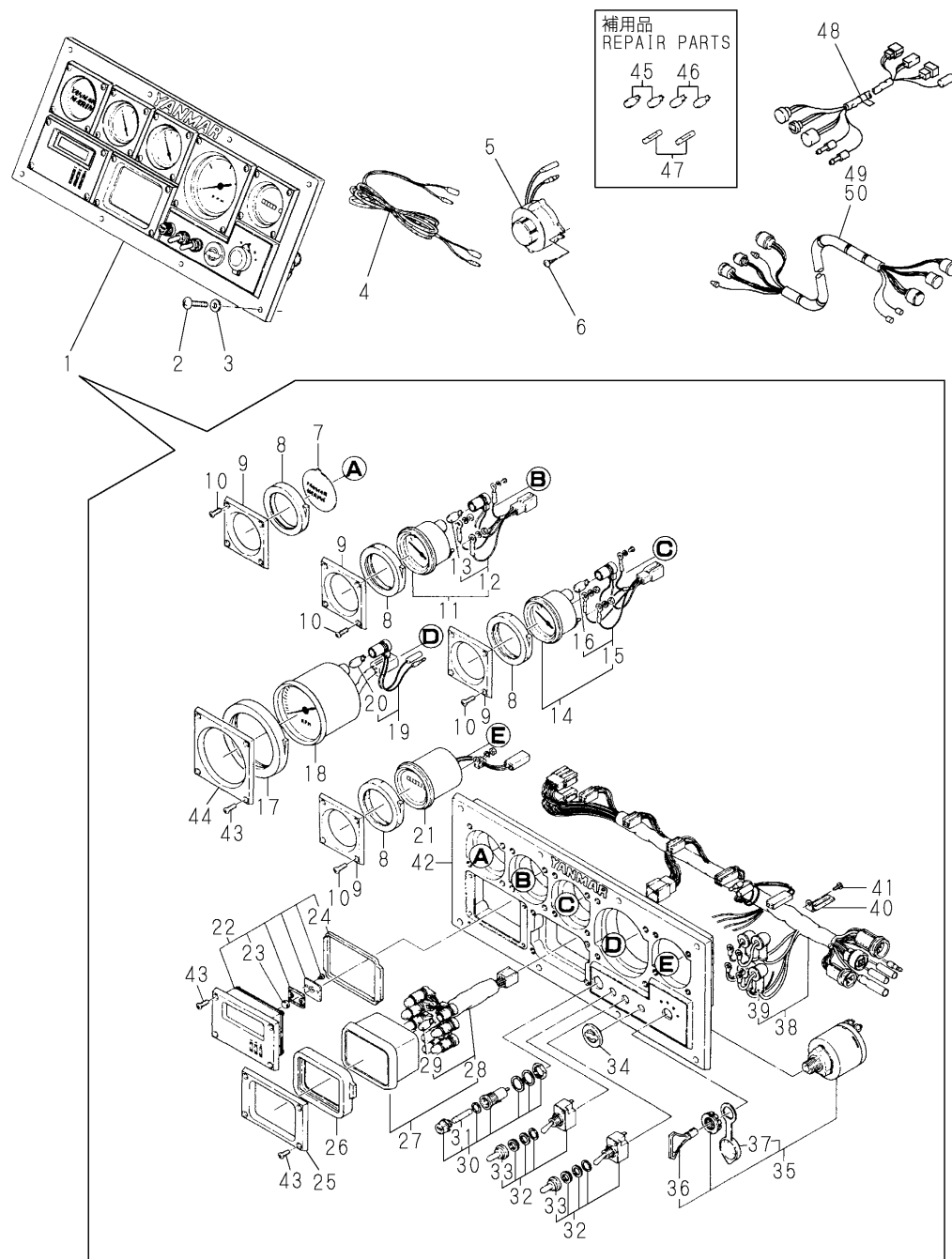
(D)=4JH3-TE
(E)=4JH3-TCE
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-91102	PANEL ASSY, C				1	1		W	
			(D=E/#12387)		(E=E/#12387)						
1-1	1	129470-91103	PANEL ASSY, C				1	1		F	1
			(D=E/#12811)		(E=E/#12811)						
2	2	121575-91250	SWITCH, KEY				1	1			
3	3	123482-91291	KEY				2	2			
4	3	127620-91820	COVER				1	1			
5	2	129171-91880	HARNESS,WIRE				1	1			
6	2	127620-91830	CAP, RUBBER				4	4			
7	2	129470-91190	SWITCH, STOP				1	1			
8	2	129470-91180	BODY, PANEL				1	1			
9	2	46150-003620	FUSE				1	1			
10	3	124617-91990	FUSE				3	3			
11	2	127410-91590	GASKET				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	GASKET				2	2			
17	2	127410-91550	GASKET				1	1			
18	2	129470-91170	TACHOMETER				1	1			
19	2	127410-91560	GASKET				1	1			
20	2	127410-91570	BRACKET				1	1			
21	2	124617-91920	BULB, 12V-3W				1	1			
22	2	127410-91580	GASKET				1	1			
23	2	124617-91840	THERMOMETER, WATER				1	1			
24	2	127410-91590	GASKET				1	1			
25	2	194555-55820	BULB, 12V1.7W				6	6			
26	2	127410-91600	LENS				1	1			
27	2	127410-91610	RETAINER				1	1			
28	2	127410-91620	BODY				1	1			
29	2	127410-91630	SCREW				3	3			
30	2	127687-91790	SWITCH				2	2			
31	3	127620-91780	CAP, RUBBER				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	HARNESS, 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			
42	1	129670-77990	ADAPTER				1	1		W	
			(D=E/#12811)		(E=E/#12811)						

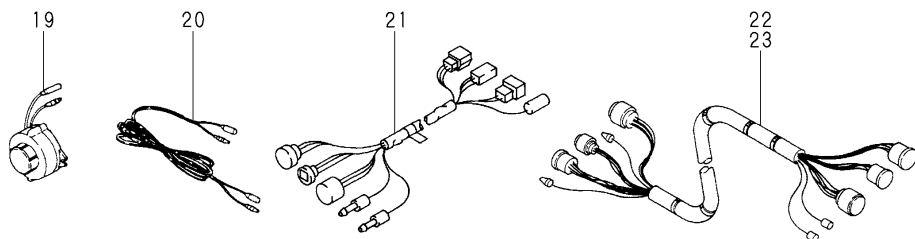
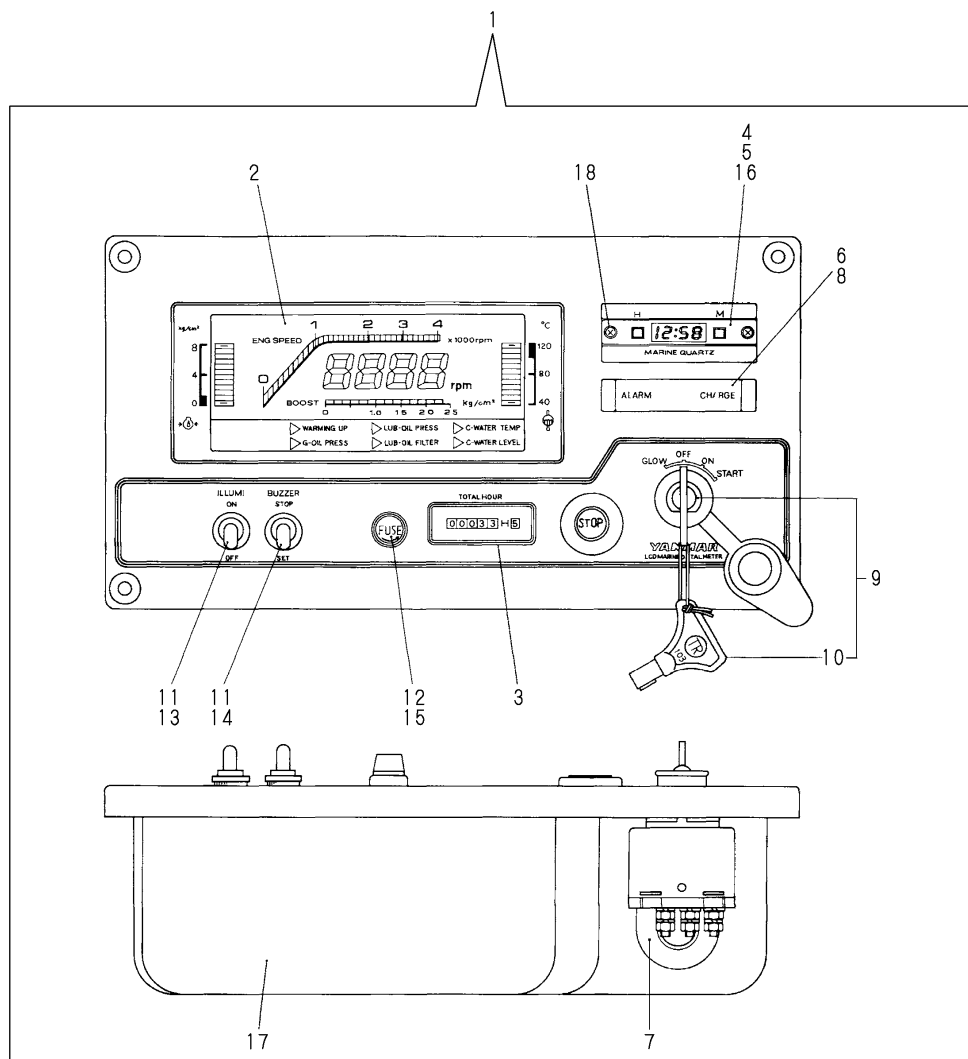
Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.42.

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



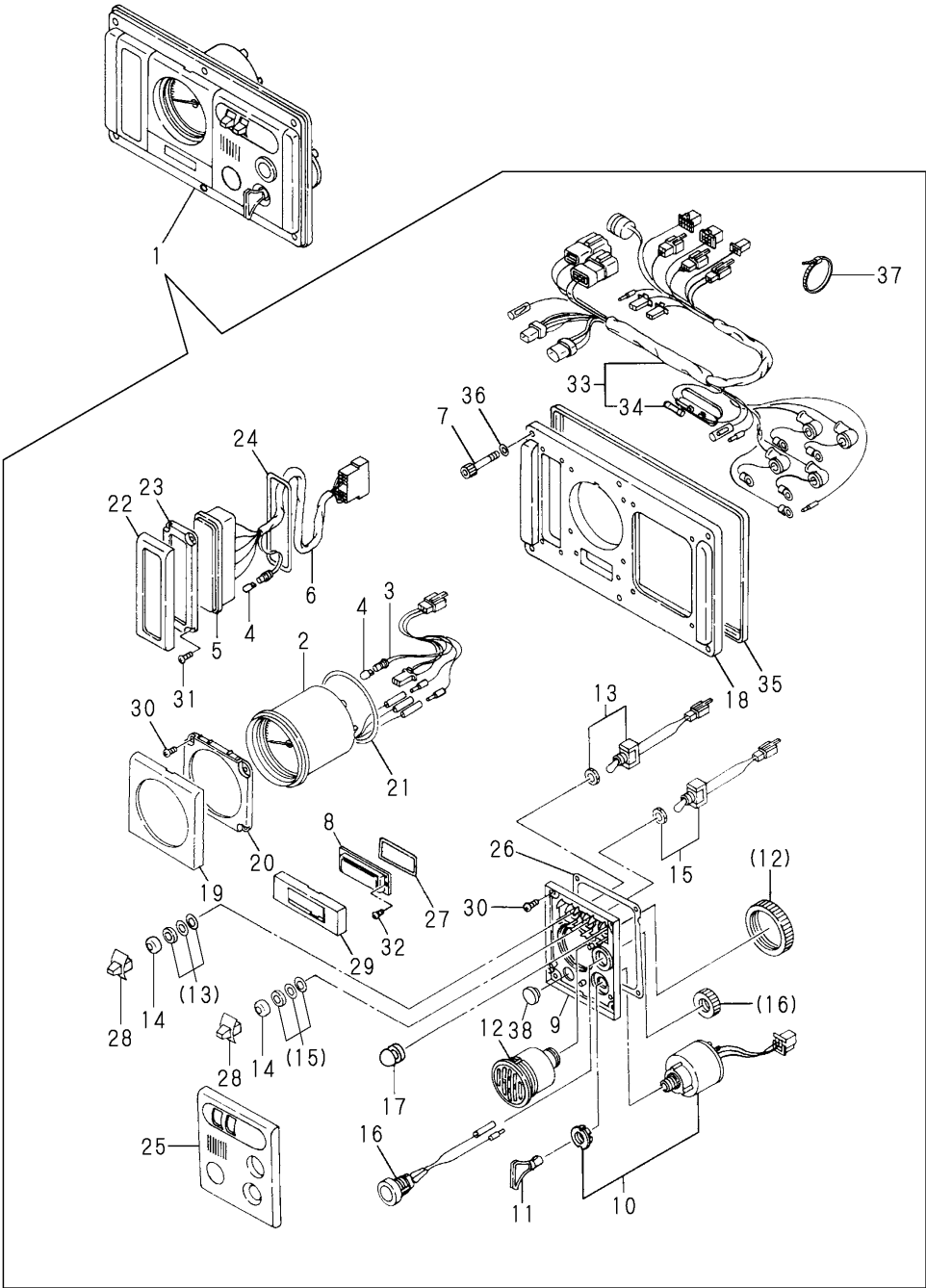
No.	Lev.	Parts No.	Description	(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1			(D)=4JH3-TE (E)=4JH3-TCE (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124411-91180	PANEL ASSY				1	1			
2	2	127620-91860	RETAINER				1	1			
3	2	127620-91870	SCREW				1	1			
4	2	127620-91930	PANEL				1	1			
5	2	127620-91630	SCREW				12	12			
6	2	127620-91410	BRACKET				1	1			
7	2	127620-91600	COVER				1	1			
8	2	127620-91610	RUBBER				4	4			
9	2	127620-91620	BRACKET				4	4			
10	2	127620-91630	SCREW				16	16			
11	2	124617-91830	GAUGE				1	1			
12	3	124617-91910	HARNESS, WIRE				1	1			
13	4	124617-91920	BULB, 12V-3W				1	1			
14	2	124617-91840	THERMOMETER, WATER				1	1			
15	3	124617-91930	HARNESS, WIRE				1	1			
16	4	124617-91920	BULB, 12V-3W				1	1			
17	2	127620-91690	RUBBER				1	1			
18	2	128696-91100	TACHOMETER				1	1			
19	2	124617-91950	HARNESS, WIRE				1	1			
20	3	124617-91920	BULB, 12V-3W				1	1			
21	2	124617-91820	METER, HOUR				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	RUBBER				1	1			
27	2	124617-91810	BOX ASSY, PILOT				1	1			
28	3	124617-91970	HARNESS, WIRE				1	1			
29	4	124617-91980	BULB, 12V-1.7W				8	8			
30	2	46150-003610	BOX(WITH OUT FUSE				1	1			
31	3	124617-91990	FUSE				1	1			
32	2	127620-91790	SWITCH				2	2			
33	3	127620-91780	CAP, RUBBER				2	2			
34	2	127620-91810	PLUG				1	1			
35	2	121575-91250	SWITCH, KEY				1	1			
36	3	123482-91291	KEY				2	2			
37	3	127620-91820	COVER				1	1			
38	2	124617-91940	HARNESS, WIRE				1	1			
39	3	127620-91830	CAP, RUBBER				4	4			
40	1	129574-77860	HARNESS, WIRE				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	HARNESS, 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)



No.	Lev.	Parts No.	Description	Q'ty					
				(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, 12V-3W				4	4	
9	2	127412-91250	SWITCH, KEY				1	1	
10	3	123482-91291	KEY				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	HARNNESS, WIRE				1	1	
21	1	129574-77860	HARNNESS, WIRE				1	1	
22	1	119171-77701	HARNNESS, WIRE 6M				1	1	
23	1	127610-77710	HARNNESS, WIRE 3.8M				1	1	

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

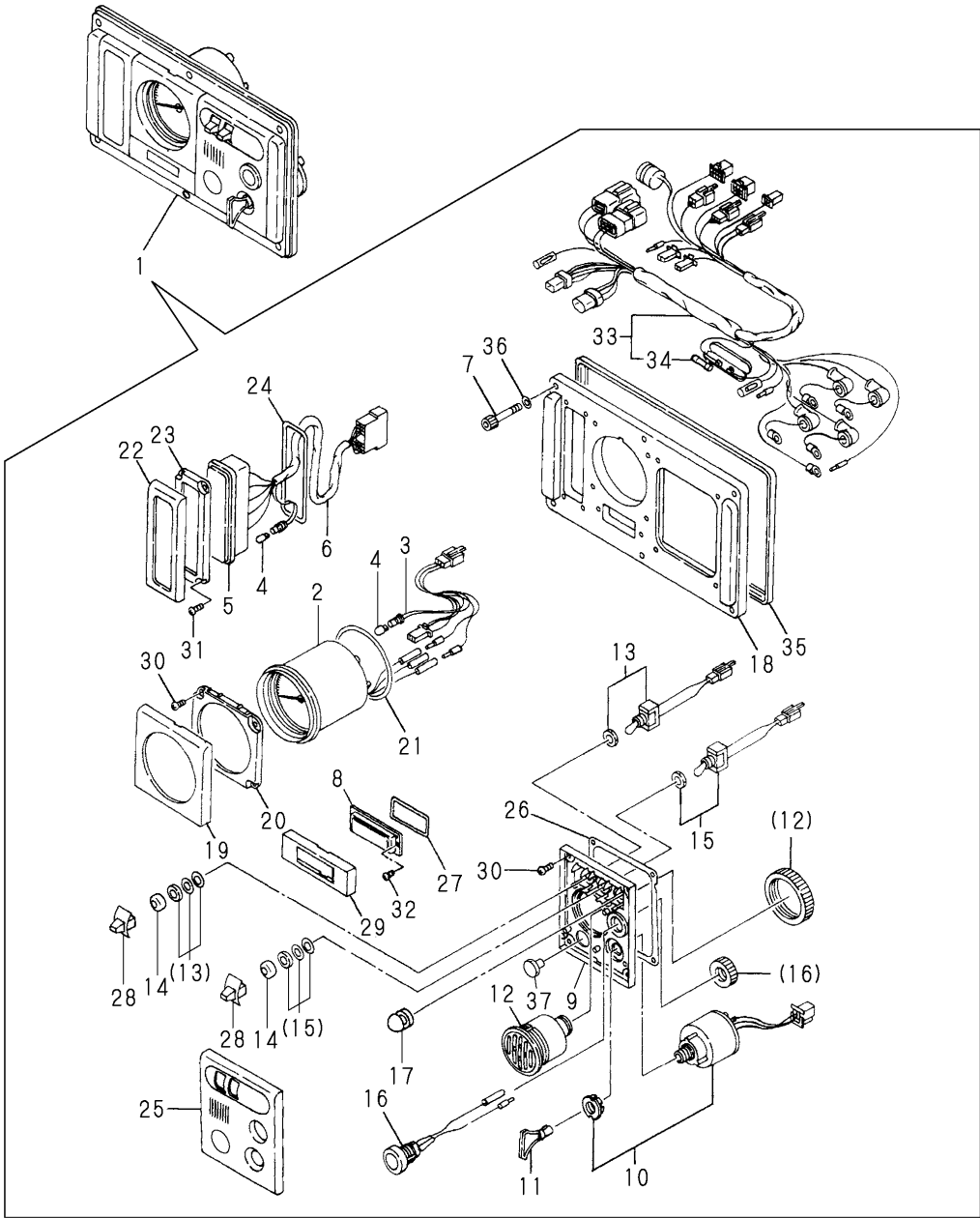


				Q'ty							
				(A)	(B)	(C)	(D)	(E)	(F)	I	R
				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1							
				(D)=4JH3-TE (E)=4JH3-TCE (F)=							
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129670-91130	PANEL ASSY, B	1	1	1					
2	2	119773-91200	METER, TACHO./HOUR	1	1	1					
3	2	129574-91870	HARNESS, WIRE	1	1	1					
4	2	124617-91980	BULB, 12V-1.7W	5	5	5					
5	2	128391-91260	BOX	1	1	1					
6	2	128391-91860	WIRE	1	1	1					
7	2	127687-91870	BOLT, M6X35	6	6	6					
8	2	129170-91650	COVER	1	1	1					
9	2	129574-91410	BRACKET, SWITCH	1	1	1					
10	2	121575-91250	SWITCH, KEY	1	1	1					
11	2	123482-91291	KEY	1	1	1					
12	2	104271-91352	BUZZER	1	1	1					
13	2	129170-91800	SWITCH	1	1	1					
14	2	129574-91780	CAP, RUBBER	2	2	2					
15	2	129574-91790	SWITCH	1	1	1					
16	2	129470-91190	SWITCH, STOP	1	1	1					
17	2	129170-91810	COVER	1	1	1					
18	2	128391-91930	PANEL	1	1	1					
19	2	129574-91620	BEZEL	1	1	1					
20	2	129574-91420	BRACKET	1	1	1					
21	2	129574-91720	GASKET	1	1	1					
22	2	128391-91640	BEZEL	1	1	1					
23	2	128391-91440	PLATE	1	1	1					
24	2	128391-91740	GASKET	1	1	1					
25	2	129170-91610	BEZEL	1	1	1					
26	2	129574-91710	GASKET	1	1	1					
27	2	129574-91750	GASKET	1	1	1					
28	2	129574-91770	KNOB	2	2	2					
29	2	129574-91650	BEZEL	1	1	1					
30	2	127692-91410	SCREW	8	8	8					
31	2	127692-91440	SCREW	4	4	4					
32	2	127692-91450	SCREW	2	2	2					
33	2	129570-91850	HARNESS, WIRE	1	1	1					
34	3	124617-91990	FUSE	1	1	1					
35	2	128391-91700	GASKET	1	1	1					
36	2	127687-91880	WASHER	6	6	6					
37	2	198451-78680	CLAMP, CORD	1	1	1					
38	2	129574-91760	COVER	1	1	1					

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

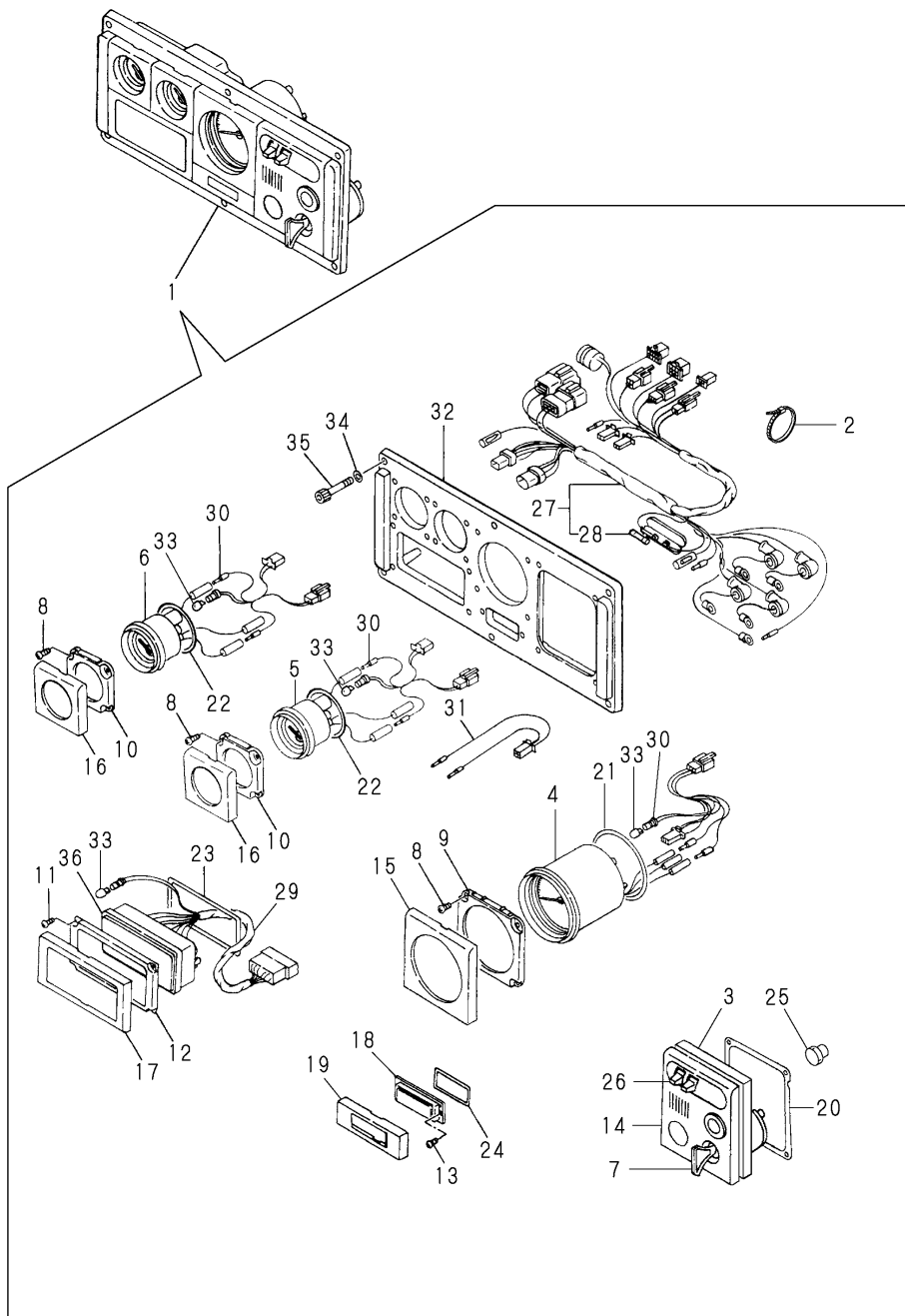
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Fig.65. PANEL(B:NEW TYPE:4JH3-TE)



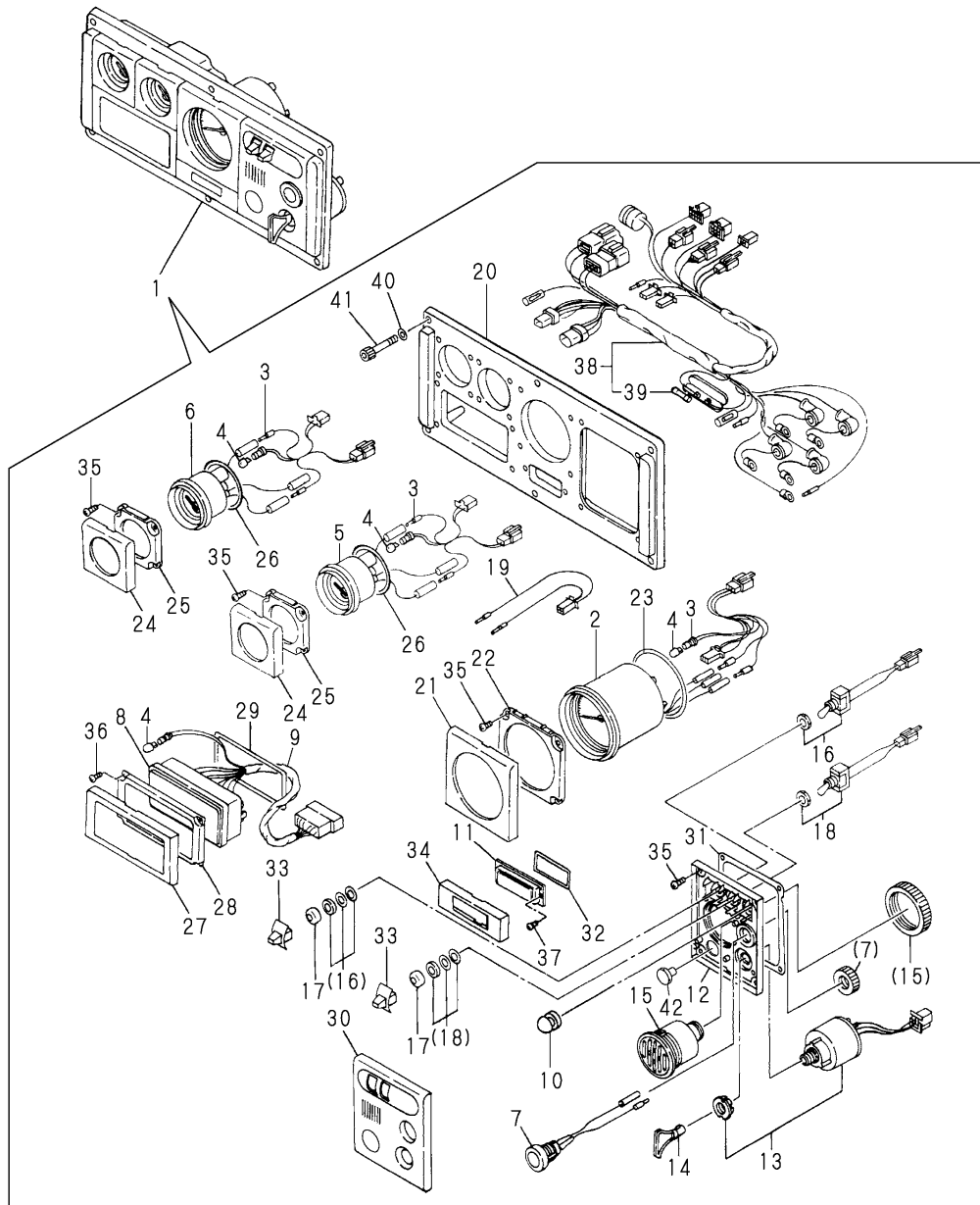
				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1		(D)=4JH3-TE (E)=4JH3-TCE (F)=		Q'ty		I R	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129574-91130	PANEL, INSTRUMENT				1	1			
2	2	129574-91200	METER KIT				1	1			
3	2	129574-91870	HARNESS, WIRE				1	1			
4	2	124617-91980	BULB, 12V-1.7W				5	5			
5	2	128391-91260	BOX				1	1			
6	2	120130-91860	WIRE				1	1			
7	2	127687-91870	BOLT, M6X35				6	6			
8	2	129170-91650	COVER				1	1			
9	2	129574-91410	BRACKET, SWITCH				1	1			
10	2	121575-91250	SWITCH, KEY				1	1			
11	2	123482-91291	KEY				1	1			
12	2	104271-91352	BUZZER				1	1			
13	2	129170-91800	SWITCH				1	1			
14	2	129574-91780	CAP, RUBBER				2	2			
15	2	129574-91790	SWITCH				1	1			
16	2	129470-91190	SWITCH, STOP				1	1			
17	2	129170-91810	COVER				1	1			
18	2	128391-91930	PANEL				1	1			
19	2	129574-91620	BEZEL				1	1			
20	2	129574-91420	BRACKET				1	1			
21	2	129574-91720	GASKET				1	1			
22	2	128391-91640	BEZEL				1	1			
23	2	128391-91440	PLATE				1	1			
24	2	128391-91740	GASKET				1	1			
25	2	129170-91610	BEZEL				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	BEZEL				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, WIRE				1	1			
34	3	124617-91990	FUSE				1	1			
35	2	128391-91700	GASKET				1	1			
36	2	127687-91880	WASHER				6	6			
37	2	129574-91760	COVER				1	1			

Fig.66. PANEL(C:NEW TYPE:4JH3E)



				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1				(D)=4JH3-TE (E)=4JH3-TCE (F)=			
No.	Lev.	Parts No.	Description	Q'ty			I R				
				(A)	(B)	(C)	(D)	(E)	(F)	W	
1	1	129670-91162	PANEL, INSTRUMENT	1	1	1					
	(A=E/#25626)	(B=E/#25626)	(C=E/#25626)								
2	2	198451-78680	CLAMP, CORD	2	2	2					
3	2	129470-91191	BOX ASSY	1	1	1					
4	2	119773-91200	METER, TACHO./HOUR	1	1	1					
5	2	129574-91210	METER	1	1	1					
6	2	129574-91222	METER	1	1	1					
7	2	123482-91291	KEY	1	1	1					
8	2	127692-91410	SCREW	16	16	16					
9	2	129574-91420	BRACKET	1	1	1					
10	2	129574-91430	BRACKET	2	2	2					
11	2	127692-91440	SCREW	4	4	4					
12	2	129574-91440	BRACKET	1	1	1					
13	2	127692-91450	SCREW	2	2	2					
14	2	129170-91610	BEZEL	1	1	1					
15	2	129574-91620	BEZEL	1	1	1					
16	2	129574-91630	BEZEL	2	2	2					
17	2	129574-91640	BEZEL	1	1	1					
18	2	129170-91650	COVER	1	1	1					
19	2	129574-91650	BEZEL	1	1	1					
20	2	129574-91710	GASKET	1	1	1					
21	2	129574-91720	GASKET	1	1	1					
22	2	129574-91730	GASKET	2	2	2					
23	2	129574-91740	GASKET	1	1	1					
24	2	129574-91750	GASKET	1	1	1					
25	2	129574-91760	COVER	1	1	1					
26	2	129574-91770	KNOB	2	2	2					
27	2	129170-91850	HARNESS, WIRE	1	1	1					
28	3	124617-91990	FUSE	1	1	1					
29	2	129170-91860	HARNESS, WIRE	1	1	1					
30	2	129574-91870	HARNESS, WIRE	3	3	3					
31	2	129574-91890	HARNESS, WIRE	1	1	1					
32	2	129170-91930	PANEL	1	1	1					
33	2	124617-91980	BULB, 12V-1.7W	7	7	7					
34	2	127687-91880	WASHER	6	6	6					
35	2	127687-91870	BOLT, M6X35	6	6	6					
36	2	XYM0234016N	BOX, ALARM	1	1	1					

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

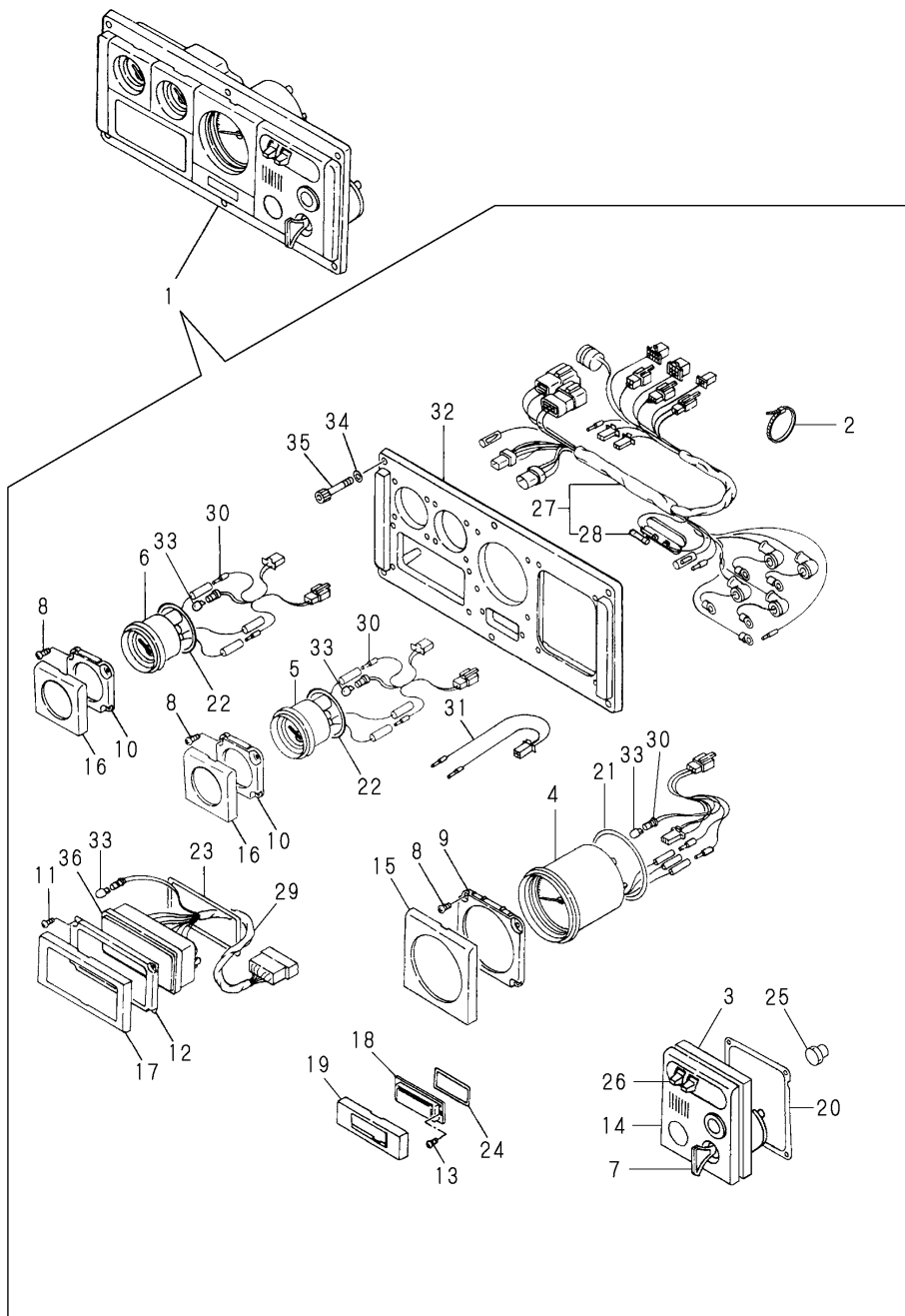


No.	Lev.	Parts No.	Description	(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1			(D)=4JH3-TE (E)=4JH3-TCE (F)=			I	R
				(A)	(B)	(C)	Q'ty (D)	(E)	(F)		
1	1	129574-91160	PANEL ASSY, INSTRUM				1				
1-1	1	129574-91161	PANEL ASSY, C				1				S
			(D=E/#10584)								
1-2	1	129574-91161	PANEL ASSY, C				1	1			Z 1
			(D=E/#12753)		(E=E/#12753)						
2	2	129574-91200	METER KIT				1	1			
3	2	129574-91870	HARNESS, WIRE				3	3			
4	2	124617-91980	BULB, 12V-1.7W				8	8			
5	2	129574-91210	METER				1	1			
6	2	129574-91220	METER				1				
6-1	2	129574-91221	METER				1	1			S
			(D=E/#10584)								
7	2	129470-91190	SWITCH, STOP				1	1			
8	2	129170-91260	BOX				1	1			
9	2	129170-91860	HARNESS, WIRE				1	1			
10	2	129170-91810	COVER				1	1			
11	2	129170-91650	COVER				1	1			
12	2	129574-91410	BRACKET, SWITCH				1	1			
13	2	121575-91250	SWITCH, KEY				1	1			
14	2	123482-91291	KEY				1	1			
15	2	104271-91352	BUZZER				1	1			
16	2	129170-91800	SWITCH				1	1			
17	2	129574-91780	CAP, RUBBER				2	2			
18	2	129574-91790	SWITCH				1	1			
19	2	129574-91890	HARNESS, WIRE				1	1			
20	2	129170-91930	PANEL				1	1			
21	2	129574-91620	BEZEL				1	1			
22	2	129574-91420	BRACKET				1	1			
23	2	129574-91720	GASKET				1	1			
24	2	129574-91630	BEZEL				2	2			
25	2	129574-91430	BRACKET				2	2			
26	2	129574-91730	GASKET				2	2			
27	2	129574-91640	BEZEL				1	1			
28	2	129574-91440	BRACKET				1	1			
29	2	129574-91740	GASKET				1	1			
30	2	129170-91610	BEZEL				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	BEZEL				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				1	1			
40	2	127687-91880	WASHER				6	6			
41	2	127687-91870	BOLT, M6X35				6	6			
42	2	129574-91760	COVER				1	1			

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

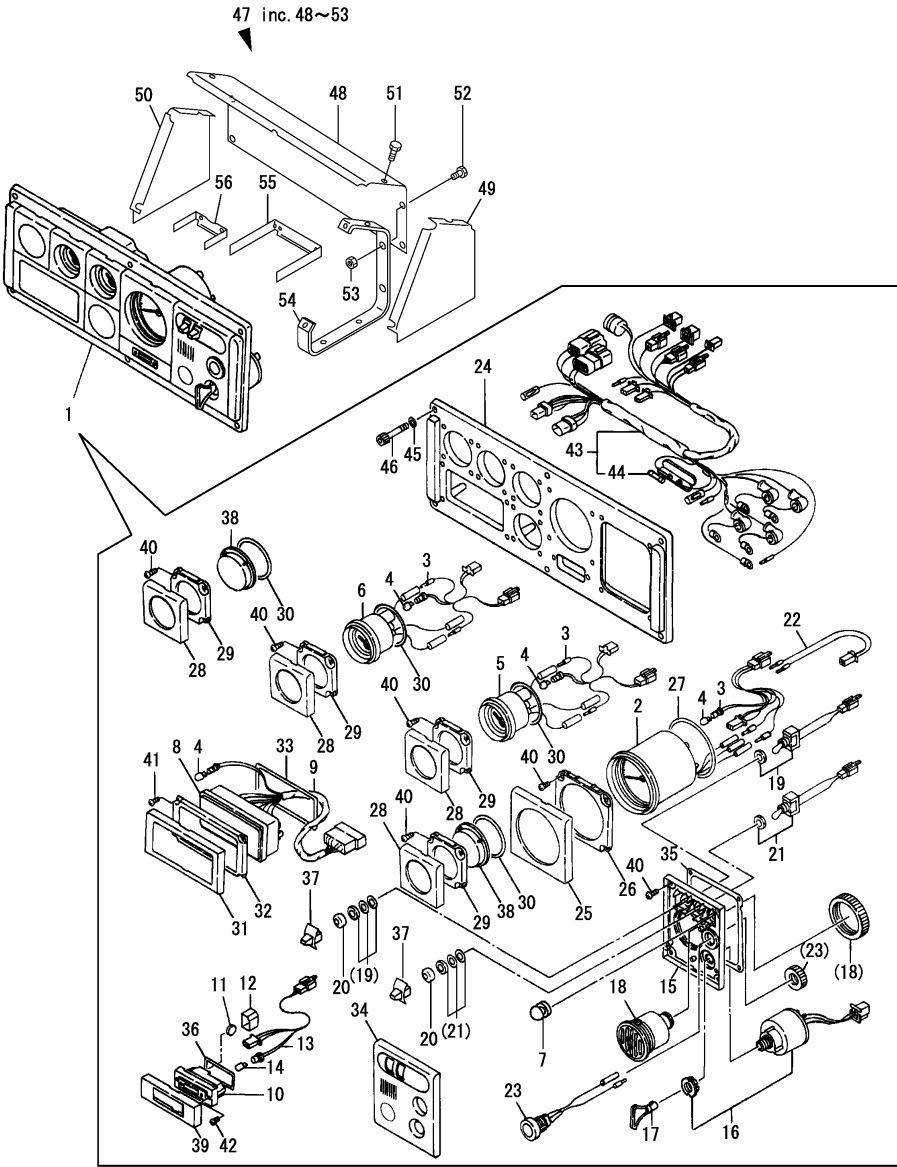
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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



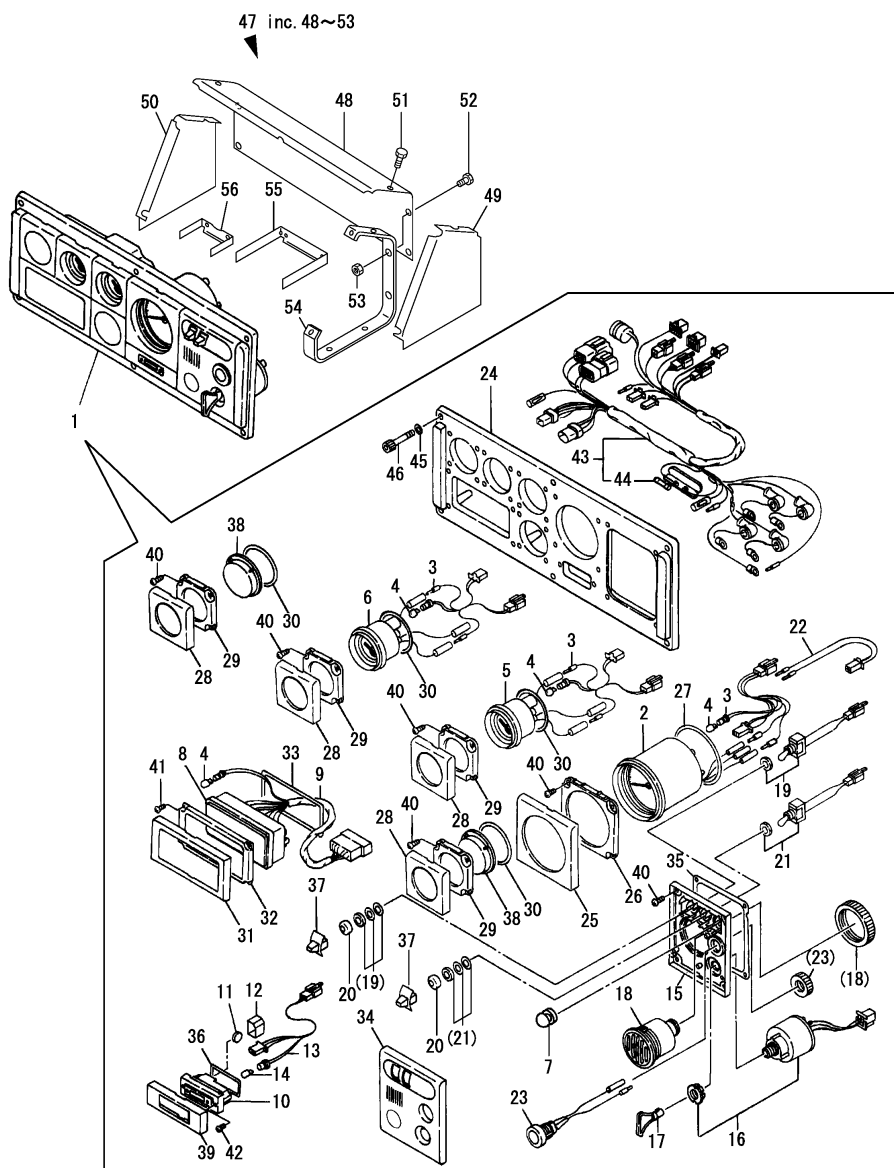
No.	Lev.	Parts No.	Description	(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1		(D)=4JH3-TE (E)=4JH3-TCE (F)=			I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	129574-91162	PANEL ASSY, C				1	1		W
2	2	198451-78680	CLAMP, CORD	(D=E/#12753)	(E=E/#12753)		2	2		
3	2	129470-91191	BOX ASSY				1	1		
4	2	129574-91200	METER KIT				1	1		
5	2	129574-91210	METER				1	1		
6	2	129574-91222	METER				1	1		
7	2	123482-91291	KEY				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	BEZEL				1	1		
15	2	129574-91620	BEZEL				1	1		
16	2	129574-91630	BEZEL				2	2		
17	2	129574-91640	BEZEL				1	1		
18	2	129170-91650	COVER				1	1		
19	2	129574-91650	BEZEL				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	COVER				1	1		
26	2	129574-91770	KNOB				2	2		
27	2	129170-91850	HARNESS, WIRE				1	1		
28	3	124617-91990	FUSE				1	1		
29	2	129170-91860	HARNESS, WIRE				1	1		
30	2	129574-91870	HARNESS, WIRE				1	1		
31	2	129170-91890	HARNESS, WIRE				1	1		
32	2	129170-91930	PANEL				1	1		
33	2	124617-91980	BULB, 12V-1.7W				7	7		
34	2	127687-91880	WASHER				6	6		
35	2	127687-91870	BOLT, M6X35				6	6		
36	2	XYM0234001N	BOX, ALARM				1	1		

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



Remarks
(1)Optional parts.
(2)Not needed when mounting on the side.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129574-91190	PANEL, INSTRUMENT D				1	1			
2	2	129574-91200	TACHOMETER, P127				1	1			
3	2	129574-91870	HARNESS, WIRE				3	3			
4	2	124617-91980	BULB, 12V-1.7W				8	8			
5	2	129574-91210	METER, WATER TEMP.				1	1			
6	2	129574-91220	METER, OIL PRESSUER				1	1			
7	2	129170-91810	COVER				1	1			
8	2	129574-91260	BOX				1	1			
9	2	129574-91860	WIRE				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	HARNESS, WIRE				1	1			
14	2	120147-91760	BULB				1	1			
15	2	129574-91410	BRACKET, SWITCH				1	1			
16	2	121575-91250	SWITCH, KEY				1	1			
17	2	123482-91291	SWITCH, KEY				1	1			
18	2	104271-91352	BUZZER 12V				1	1			
19	2	129170-91800	SWITCH				1	1			
20	2	129574-91780	CAP, RUBBER				2	2			
21	2	129574-91790	SWITCH				1	1			
22	2	129574-91890	HARNESS, WIRE				1	1			
23	2	129470-91190	SWITCH, STOP				1	1			
24	2	129574-91930	PANEL				1	1			
25	2	129574-91620	BEZEL				1	1			
26	2	129574-91420	BRACKET				1	1			
27	2	129574-91720	GASKET				1	1			
28	2	129574-91630	BEZEL				4	4			
29	2	129574-91430	BRACKET				4	4			
30	2	129574-91730	GASKET				4	4			
31	2	129574-91640	BEZEL				1	1			
32	2	129574-91440	BRACKET				1	1			
33	2	129574-91740	GASKET				1	1			
34	2	129170-91610	BEZEL				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	COVER				2	2			
39	2	129574-91650	BEZEL				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, WIRE				1	1			
44	3	124617-91990	FUSE(3A)				1	1			
45	2	127687-91880	WASHER				6	6			
46	2	127687-91870	BOLT, M6X35				6	6			
47	1	127692-91900	COVER, PANEL				1	1			1
48	2	127692-91950	COVER, PANEL				1	1			
49	2	129574-91960	COVER, PANEL				1	1			
50	2	129574-91970	COVER, PANEL				1	1			
51	2	26559-060122	SCREW, M6X12				2	2			



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
52	2	26556-060122	SCREW M 6X12				4	4			2
53	2	26716-060002	NUT, M6				4	4			2
54	1	129574-91530	BRACKET, PANEL				2	2			1
55	1	129574-91540	BRACKET				1	1			1
56	1	129574-91550	BRACKET				1	1			1

(1)Optional parts.
(2)Not needed when mounting on the side.

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

Fig.70. CLUTCH

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129270-81020	CLUTCH ASSY, I=2.61	1							
1-1	1	129270-81021	CLUTCH ASSY, I=2.61	1						N	
(A=E/#20522)											
1-2	1	129270-81120	CLUTCH ASSY, I=2.61	1						S	
(A=E/#25682)											
2	1	129171-81010	CLUTCH ASSY, 2.33	1							
2-1	1	129270-81070	CLUTCH ASSY, 2.33	1						N	
(A=E/#20522)											
2-2	1	129270-81170	CLUTCH ASSY, 2.33	1						S	
(A=E/#25682)											
3	1	129171-81020	CLUTCH ASSY, I=2.64	1							
3-1	1	129270-81080	CLUTCH ASSY, I=2.64	1						N	
(A=E/#20522)											
3-2	1	129270-81180	CLUTCH ASSY, I=2.64	1						S	
(A=E/#25682)											
4	1	129270-81010	CLUTCH, KM3P4 I2.36	1							
4-1	1	129270-81011	CLUTCH ASSY, 2.36	1						N	
(A=E/#20522)											
4-2	1	129270-81110	CLUTCH ASSY, 2.36	1						S	
(A=E/#25682)											
5	1	129670-81010	CLUTCH ASSY, 2.17	1						Z	
(A=E/#25682)											
6	1	129670-81020	CLUTCH ASSY, I=2.62	1						Z	
(A=E/#25682)											
7	1	129670-81030	CLUTCH ASSY, I=3.28	1						Z	
(A=E/#25682)											
8	1	129670-81040	CLUTCH ASSY, 1.47	1						Z	
(A=E/#25682)											
9	1	129670-81050	CLUTCH ASSY, 2.14	1						Z	
(A=E/#25682)											
10	1	129670-81060	CLUTCH ASSY, I=2.63	1						Z	
(A=E/#25682)											
11	1	129670-81070	CLUTCH ASSY, I=3.30	1						Z	
(A=E/#25682)											
12	1	128170-13600	STUD, M8X31	2							
13	1	26106-080202	BOLT, M8X 20 PLATED	6							
14	1	26306-080002	NUT, M8	2							
15	1	129670-01630	SPACER, CLUTCH	1						Z	
(A=E/#25682)											
16	1	129670-21700	SPACER, FLYWHEEL	1						Z	
(A=E/#25682)											
17	1	129670-21710	SPACER, FAN 18MM	1						Z	
(A=E/#25682)											
18	1	22217-080000	WASHER, SPRING 8	1						Z	
(A=E/#25682)											
19	1	26013-080402	BOLT, M8X 40	1						Z	
(A=E/#25682)											
20	1	26106-080402	BOLT, M8X 40 PLATED	1						Z	
(A=E/#25682)											
21	1	26450-080182	BOLT, M8X 18	1						Z	
(A=E/#25682)											

Remarks
THIS FIGURE ARE NOT ILLUSTRATED.

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
22	1	129473-81001	CLUTCH ASSY, 1.47				1			W	
			(D=E/#10055)								
23	1	129473-81012	CLUTCH ASSY, 2.14				1				
24	1	129473-81022	CLUTCH ASSY, I=2.63				1				
25	1	129473-81032	CLUTCH ASSY, I=3.30				1			W	
			(D=E/#10055)								
26	1	129673-81010	CLUTCH ASSY, 2.04				1				
27	1	129673-81020	CLUTCH ASSY, I=2.45				1				
28	1	129474-81011	CLUTCH ASSY, 2.17				1				
29	1	129474-81021	CLUTCH ASSY, I=2.62				1				
30	1	26106-100302	BOLT, M10X 30 PLATED				8				
31	1	26226-100222	STUD, M10X 22				2				
32	1	26716-100002	NUT, M10				2				

Remarks

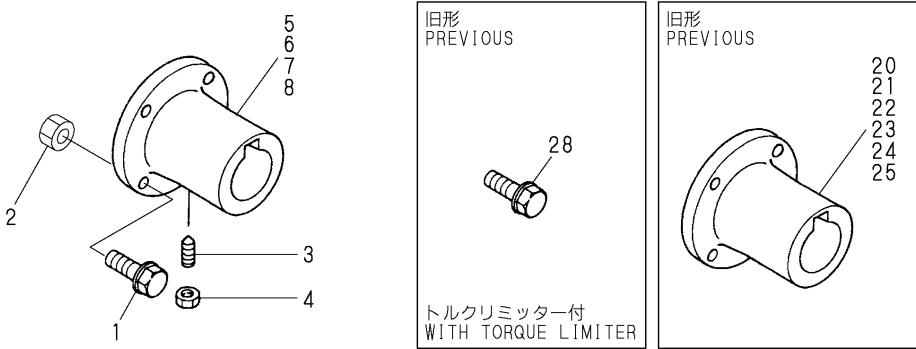
THIS FIGURE ARE NOT ILLUSTRATED.

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

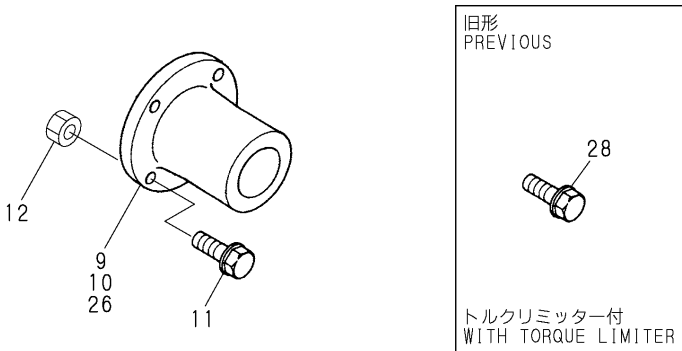
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Fig.71. CUPRING

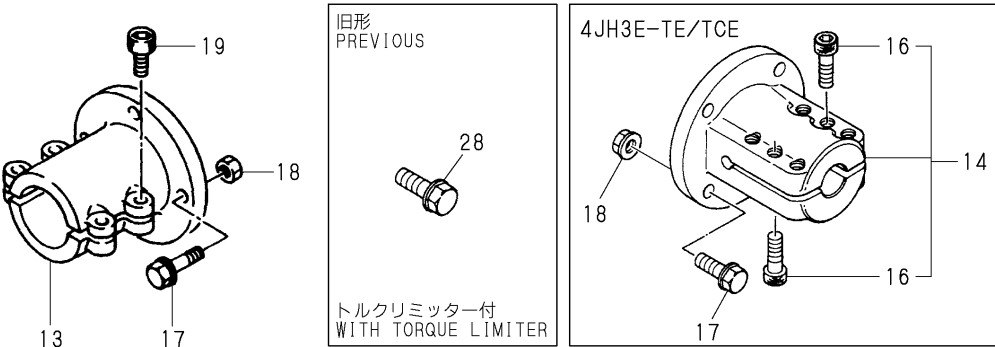
テーパカップリング
TAPER COUPLING



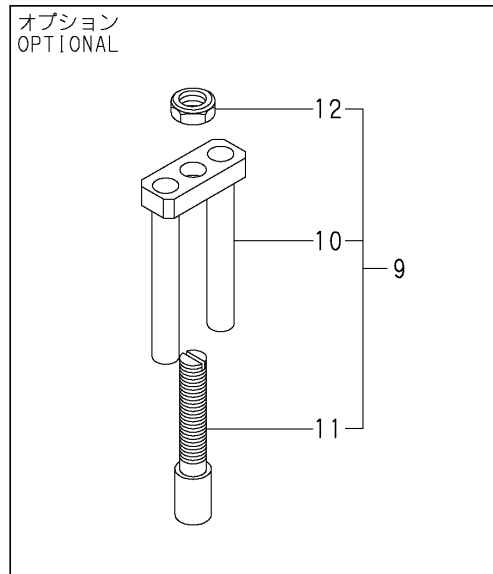
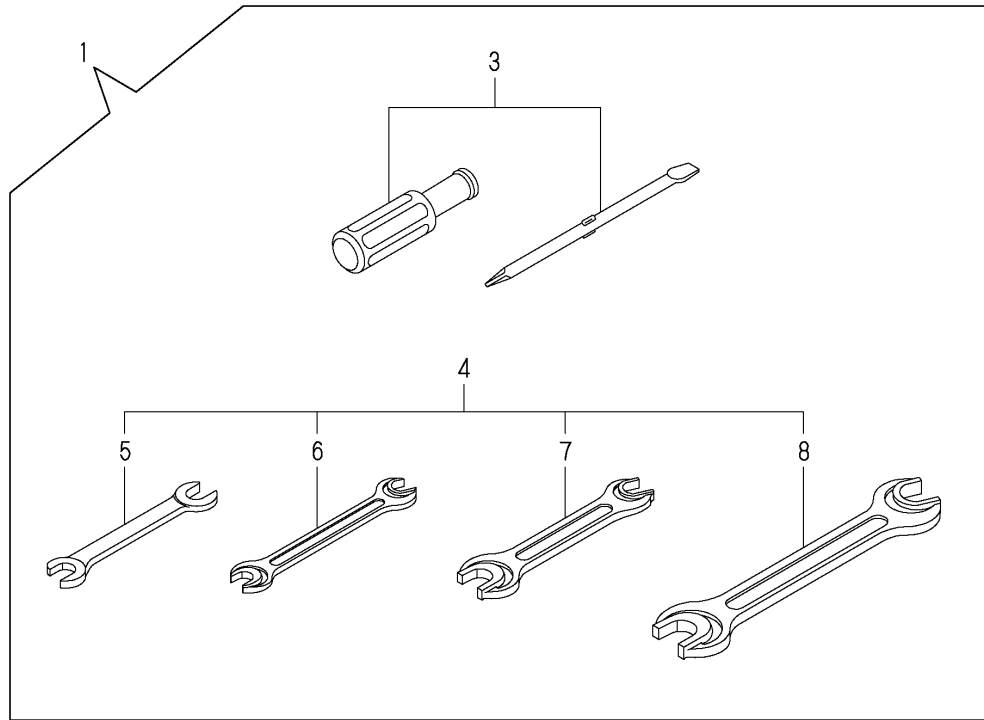
ストレートカップリング
STRAIGHT COUPLING



スリットカップリング
SLIT COUPLING

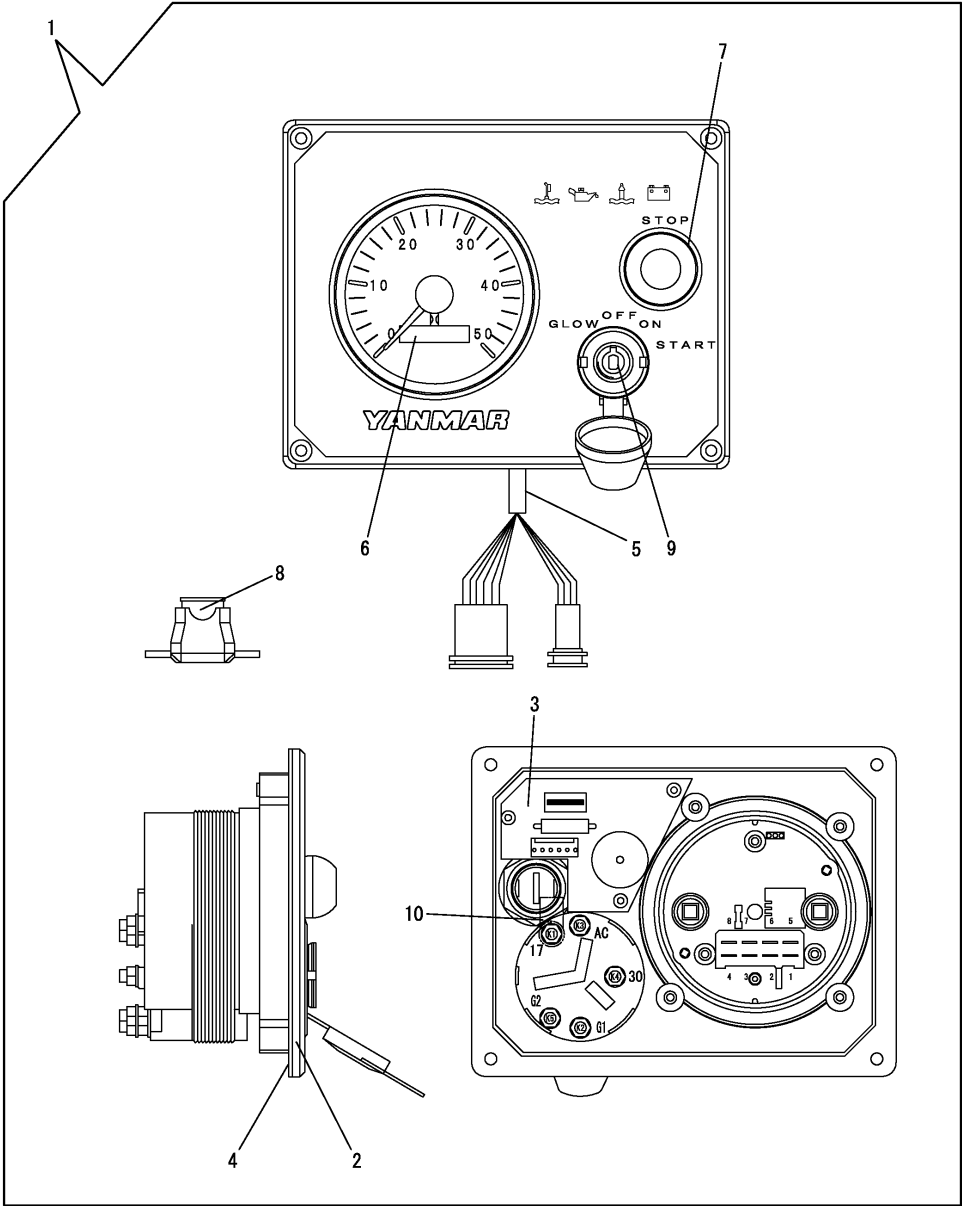


				OCR10-M46701 Fig.71							
				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1		(D)=4JH3-TE (E)=4JH3-TCE (F)=					
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26106-100322	BOLT, M10X 32 PLATED	4	4	4	4	4			
2	1	26706-100002	NUT, M10	4	4	4	4	4			
3	1	26756-080002	NUT, LOCK M8	1	1	1	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, TAPER 28	1	1	1					
8	1	129473-85900	COUPLING, TAPER 38					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	1	1	1					
14	1	129470-83750	COUPLING ASSY				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, M8X 28	4	4	4					
20	1	129670-85910	COUPLING, TAPER 25	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
21	1	48110-028071	COUPLING, TAPER 28	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
22	1	48110-030061	COUPLING, D29.5	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
23	1	48110-032065	COUPLING, TAPER 32	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
24	1	48110-034071	COUPLING 34	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
25	1	129473-85900	COUPLING, TAPER 38	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
26	1	129470-85900	COUPLING	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
27	1	129470-83750	COUPLING ASSY	1	1	1					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											
28	1	26106-100252	BOLT, M10X 25 PLATED	4	4	4					Z
(A=E/#25682) (B=E/#25682) (C=E/#25682)											



No.	Lev.	Parts No.	Description	(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1			(D)=4JH3-TE (E)=4JH3-TCE (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129270-92100	BOX, TOOL	1	1	1					
3	2	129270-92650	DRIVER	1	1	1					
4	2	129270-92690	WRENCH ASSY	1	1	1					
5	3	129270-92610	WRENCH, 10X13	1	1	1					
6	3	129270-92620	WRENCH, 12X14	1	1	1					
7	3	129270-92630	WRENCH, 17X19	1	1	1					
8	3	129270-92640	WRENCH, 22X24	1	1	1					
9	1	129470-92300	TOOL ASSY, NOZZLE	1	1	1					
10	2	129470-92310	TOOL,NOZZLE REMOVE A	1	1	1					
11	2	129470-92320	TOOL,NOZZLE REMOVE B	1	1	1					
12	2	26716-120002	NUT, M12	1	1	1					

Fig.73. INSTRUMENT PANEL(B-TYPE/VDO)



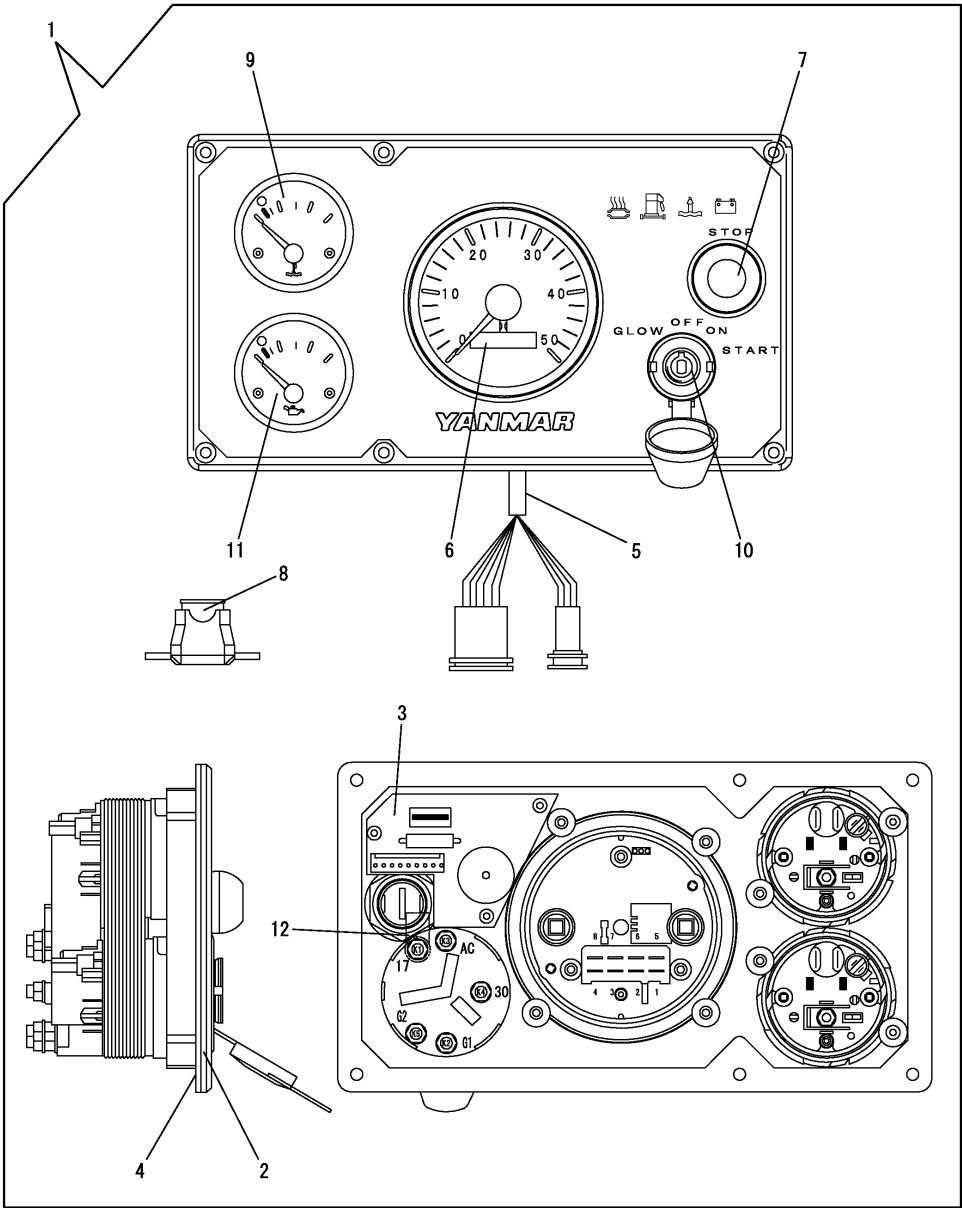
				OCR10-M46701		Fig.73							
				(A)=4JH3E (B)=4JH3CE (C)=4JH3CE1		(D)=4JH3-TE (E)=4JH3-TCE (F)=		Q'ty					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R		
1	1	129271-91110	PANEL, INSTRUMENT B (A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1	1		W			
1-1	1	129271-91111	PANEL, INSTRUMENT B (A=*2006.02) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1	1		N			
1-2	1	129271-91112	PANEL (A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1	1		N			
1-3	1	128171-91110	PANEL, INSTRUMENT B (A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1	1		N			
2	2	129271-91120	PANEL, INSTRUMENT B	1	1	1	1	1					
3	2	129271-91130	CIRCUIT	1	1	1	1	1					
3-1	2	129271-91131	CIRCUIT WITH LED&BZR (A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1	1		N			
3-2	2	129271-91132	CIRCUIT WITH LED&BZR (A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1	1		N			
4	2	129271-91140	SEAL	1	1	1	1	1					
5	2	129271-91150	HARNESS, WIRE	1	1	1	1	1					
6	2	129271-91210	TACHOMETER	1	1	1	1	1					
6-1	2	128171-91210	TACHOMETER (IND) 97 (A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1	1		N			
7	2	129271-91220	SWITCH, STOP (E=EZZZZZ)	1	1	1	1	1					
8	2	129271-91230	FUSE	1	1	1	1	1					
9	2	127412-91250	SWITCH, KEY	1	1	1	1	1					
10	2	129271-91260	CAP, RUBBER M5 (A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1	1		W			

Fig.74. INSTRUMENT PANEL(C-TYPE/VDO)

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129271-91160	PANEL, INSTRUMENT C (A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1	1		W	
1-1	1	129271-91161	PANEL, INSTRUMENT C (A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1	1		N	
1-2	1	129271-91162	PANEL (A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1	1		N	
1-3	1	129673-91160	PANEL, INSTRUMENT C (A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1	1		N	
2	2	129271-91170	PANEL	1	1	1	1	1			
3	2	129271-91180	CIRCUIT	1	1	1	1	1			
3-1	2	129271-91181	CIRCUIT (A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1	1		N	
3-2	2	129271-91182	 (A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1	1		N	
4	2	129271-91190	RUBBER, SEAL	1	1	1	1	1			
5	2	129271-91200	HARNESS, WIRE	1	1	1	1	1			
6	2	129271-91210	TACHOMETER	1	1	1	1	1			
6-1	2	129673-91210	TACHOMETER (IND) 127 (A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1	1		N	
7	2	129271-91220	SWITCH, STOP (E=EZZZZZ)	1	1	1	1	1			
8	2	129271-91230	FUSE	1	1	1	1	1			
9	2	129271-91240	THERMOMETER, WATER	1	1	1	1	1			
10	2	127412-91250	SWITCH, KEY	1	1	1	1	1			
11	2	129271-91250	GAUGE	1	1	1	1	1			
12	2	129271-91260	CAP, RUBBER M5 (A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1	1		W	



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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

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119171-91180	63	1
119173-55700	41	4
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119174-25060	17	21
119175-42620	26	8
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
119773-91650	54	35
119773-91700	54	36
119773-91850	44	24 -1
	54	24 -1
119802-11280	11	40 -1
	12	44 -1
119865-21600	18	10
119867-66910	44	5
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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
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123325-49421	15	28
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	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
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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
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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
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124616-91370	14	29
124617-91810	62	27
124617-91820	62	21
124617-91830	62	11
124617-91840	58	7
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	61	23
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124617-91850	44	24
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124617-91900	60	44
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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
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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
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127410-91530	60	15
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127410-91550	60	17
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127410-91560	60	19
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127410-91570	60	20
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	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
	73	9
	74	10
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
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127620-91610	62	8
127620-91620	62	9
127620-91630	62	5
		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
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	67	35
	68	8
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	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
127692-91900	69	47
127692-91950	69	48
128170-13600	15	31
	28	27
	70	12
128170-34800	8	18
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	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
128171-91110	73	1 -3
128171-91210	73	6 -1
128270-91350	58	10
	59	10
128271-77200	49	1
128271-77720	49	4
128271-77740	49	6
128271-77750	49	7
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128296-07400	10	7
128296-07420	10	8
128296-07450	10	9
128296-07460	10	10
128370-86280	44	59
	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

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129100-51570	35	45 -1
129100-59951	41	24
129100-61400	37	16
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
		28
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
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129150-11810	11	25
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