

OCR10-M32504EN

Introduction

1. This parts catalog for 4LH-TE, 4LH-HTE, 4LH-DTE, 4LH-STE engine & KM5A clutch is published as a last edition.

	Parts catalog No.	Date of issue	Remarks
First edition	000Y00R3251	July,1990	No need
1st revised edition	000Y00R3252	Aug.,1995	No need
2nd revised edition	000Y00R3253	June,2001	No need
Last edition	OCR10-G32504	June,2012	

2. 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-94800250 | Spray(1 piece) |
3. This parts catalog does not contain the technical data needed for maintenance service.
4. The illustrations used in this parts catalog have been simplified for clarity.
5. The contents of this parts catalog are subject to change without notice.
6. Be sure to use only Yanmar genuine part for repairs. If imitation parts are used, it may cause engine defects.

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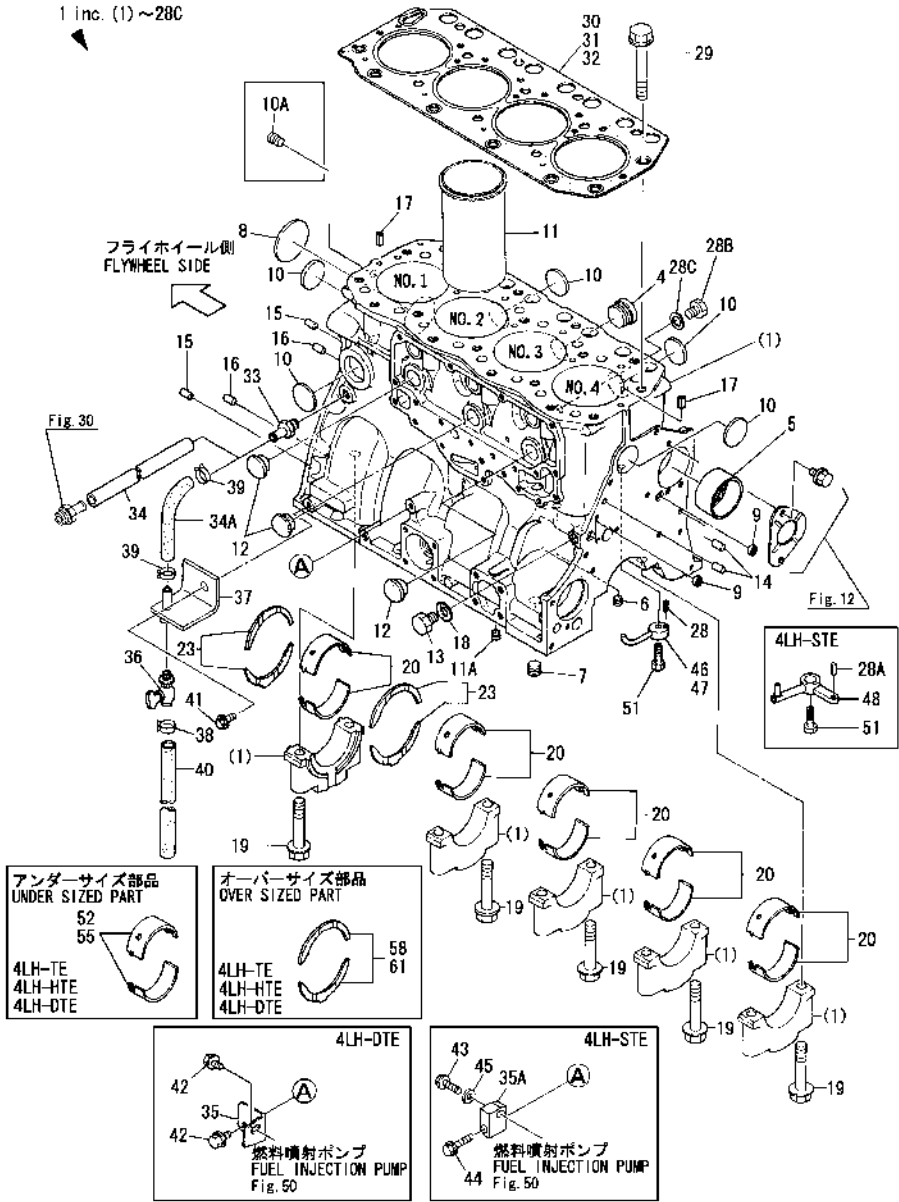
Fig.1. CYLINDER BLOCK

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

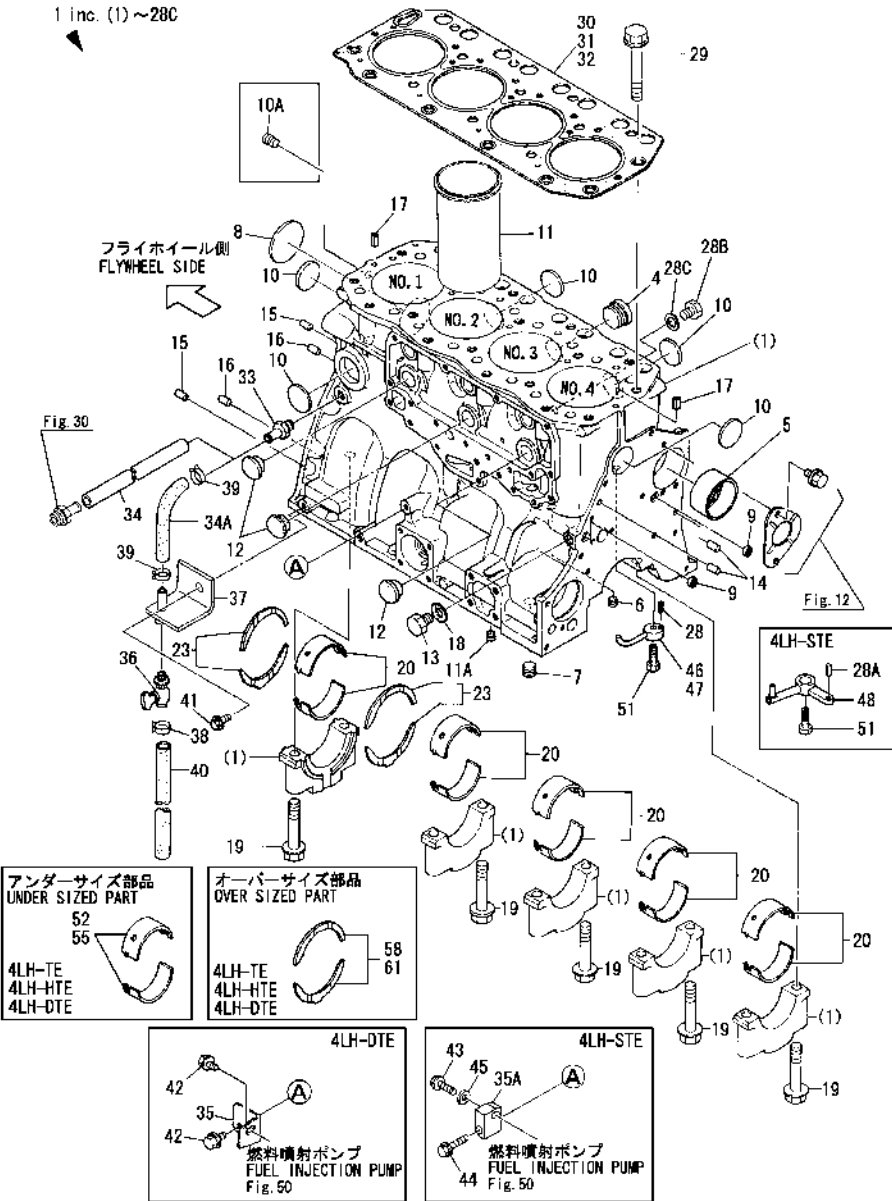
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719171-01560	BLOCK ASSY, CYLINDER	1	1						
1-1	1	719182-01560	BLOCK ASSY, CYLINDER	1	1	1	1			N	
(A=*1988.11) (B=*1988.11)											
4	3	171051-01921	PLUG, NPTF1	1	1	1	1				
5	3	119000-02410	BUSH, CAMSHAFT	1	1	1	1				
6	3	23876-010000	PLUG, R01	1	1	1	1				
6-1	3	124060-01050	PLUG, PT1/8	1	1	1	1			N	
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
7	3	23876-030000	PLUG, R03	1	1	1	1				
8	3	27231-600000	PLUG, 60	1	1	1	1				
9	3	27241-140000	PLUG, 14	2	2	2	2				
10	3	27241-400000	PLUG, 40	5	5	5	5				
10-1	3	119593-01870	PLUG	5	5	5	5			N	
(A=E10777) (B=E21584) (C=E22396) (D=*1994.09)											
10A	3	23871-020000	PLUG, R02	1	1					W	
(A=*1988.11) (B=*1988.11)											
10A-1	3	23871-020000	PLUG, R02	1	1	1				Z	
(A=*1990.05) (B=*1990.05) (C=*1990.05)											
11	2	119171-01100	SLEEVE, CYLINDER	4	4						
11-1	2	119171-01101	LINER, CYLINDER	4	4	4	4			N	
(A=*1987.08) (B=*1987.08)											
11A	2	119000-01880	SCREW	1	1	1	1			W	
(A=E10882) (B=E21711) (C=E22679) (D=E50101)											
12	2	119000-01840	PLUG, RUBBER	3	3	3	3				
13	2	135602-34390	RETAINER	1	1	1	1				
14	2	22312-080160	PIN, PARALLEL M8X16	2	2	2	2				
14-1	2	129100-01580	PIN, M8X16	2	2	2	2			R	
(A=E11028) (B=E22082) (C=E23489) (D=E51377)											
15	2	22312-080160	PIN, PARALLEL M8X16	2	2	2	2				
15-1	2	129100-01580	PIN, M8X16	2	2	2	2			R	
(A=E11028) (B=E22082) (C=E23489) (D=E51377)											
16	2	22312-080160	PIN, PARALLEL M8X16	2	2	2	2				
16-1	2	129100-01580	PIN, M8X16	2	2	2	2			R	
(A=E11028) (B=E22082) (C=E23489) (D=E51377)											
17	2	22351-080016	PIN, SPRING 8.0X16	2	2	2	2				
18	2	23414-140000	GASKET, 14X1.0	1	1	1	1				
19	2	119000-02020	BOLT, METAL CAP	10	10	10	10				
20	2	719000-02800	BEARING, MAIN	5	5	5	5				
23	2	719000-02930	BEARING, THRUST	2	2	2	2				
28	2	22351-030010	PIN, SPRING 3.0X10	4	4	4					
28A	2	22351-040008	PIN, SPRING 4.0X 8							4	
28B	2	135400-01790	PLUG	1	1	1	1			W	
(A=*1988.04) (B=*1988.04)											
28C	2	23414-100000	GASKET, 10X1.0	1	1	1	1			W	
(A=*1988.04) (B=*1988.04)											
29	1	119000-01200	BOLT, HEAD	18	18	18					
29A	1	119174-01200	BOLT, HEAD				18				
30	1	119171-01340	GASKET, HEAD T=1.3	1	1						
30-1	1	119171-01310	GASKET, HEAD T=1.3	1	1					R	
(A=*1988.04) (B=*1988.04)											
30-2	1	119173-01340	GASKET, HEAD	1	1	1	1			R	

1 inc. (1) ~28C



Remarks
(1)For adjustment.

Fig.1. CYLINDER BLOCK



(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
30-3	1	(A)=*1990.02 (B)=*1990.02 119174-01340	GASKET, HEAD T=1.3 (C)=*1991.12 (D)=*1991.12	1	1	1	1				R
		(A)=*1991.12 (B)=*1991.12									
31	1	119171-01330	GASKET, HEAD	1	1						1
31-1	1	119171-01300	GASKET, HEAD	1	1						R 1
31-2	1	(A)=*1988.04 (B)=*1988.04 119173-01330	GASKET, HEAD (A)=*1990.02 (B)=*1990.02	1	1	1	1				R 1
		(A)=*1991.12 (B)=*1991.12									
31-3	1	119174-01330	GASKET, HEAD T=1.2	1	1	1	1				R 1
32	1	(A)=*1991.12 (B)=*1991.12 119171-01350	GASKET, HEAD (C)=*1991.12 (D)=*1991.12	1	1						1
		(A)=*1988.04 (B)=*1988.04									
32-1	1	119171-01320	GASKET, HEAD	1	1						R 1
32-2	1	(A)=*1988.04 (B)=*1988.04 119173-01350	GASKET, HEAD (A)=*1990.02 (B)=*1990.02	1	1	1	1				R 1
		(A)=*1991.12 (B)=*1991.12									
32-3	1	119174-01350	GASKET, HEAD T=1.4	1	1	1	1				R 1
33	1	121550-49111	JOINT, PT1/4	1	1	1	1				
34	1	119171-49160	PIPE, WATER	1	1						
34A	1	119173-49160	PIPE, WATER				1	1			
35	1	119100-01980	RETAINER, PUMP				1				
35A	1	119181-01990	RETAINER, PUMP					1			
36	1	128695-44090	COCK				1	1			
36-1	1	129670-49290	COCK ASSY, R1/8				1	1			N
37	1	(C)=E24708 (D)=E52563 119173-49170	BRACKET (C)=EXXXXX (D)=EXXXXX			1	1				
		124460-77680									
38	1	124460-77680	RETAINER			1	1				
39	1	23000-016000	CLAMP, 16			2	2				
39-1	1	119172-48130	CLIP, HOSE 13			2	2				R
40	1	23061-070300	PIPE, 7X 300			1	1				
41	1	26106-080122	BOLT, M8X 12 PLATED			1	1				
42	1	26106-080162	BOLT, M8X 16 PLATED			2					
43	1	26106-080352	BOLT, M8X 35 PLATED					1			
44	1	26106-080402	BOLT, M8X 40 PLATED					1			
45	1	106100-55800	WASHER					1			
46	1	119000-39650	NOZZLE	4	4						
47	1	119187-39650	NOZZLE, COOLING				4				
48	1	119174-39560	NOZZLE ASSY, COOLING					4			
51	1	23857-030000	BOLT, JOINT 3	4	4	4	4				
52	1	719000-02870	BEARING, 0.25 US	5	5	5					
55	1	119172-02210	METAL, MAIN 0.50 US	5	5	5					
58	1	719000-02940	BEARING, THRUST 0.25	2	2	2					
61	1	119172-02310	BEARING, THRUST 0.50	2	2	2					

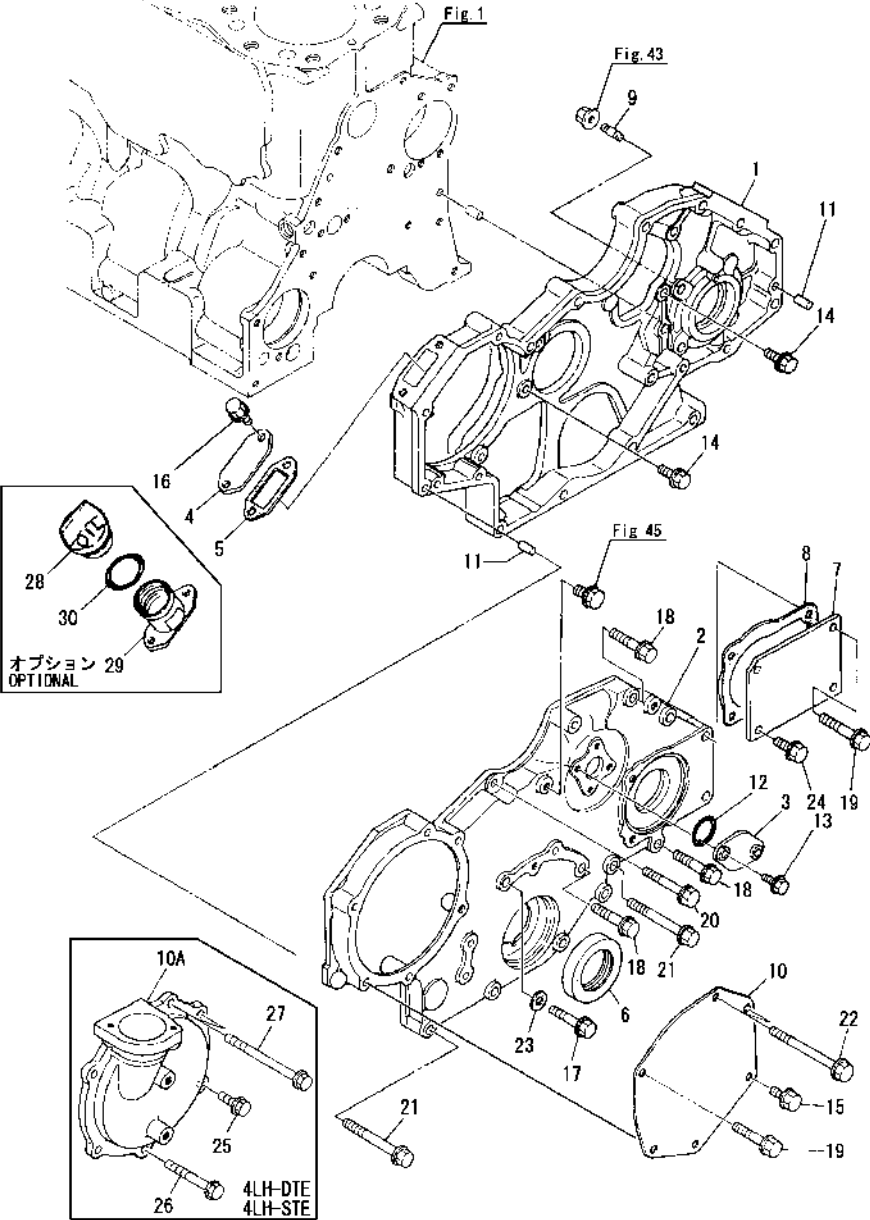
Remarks
(1)For adjustment.

Fig.2. GEAR HOUSING

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

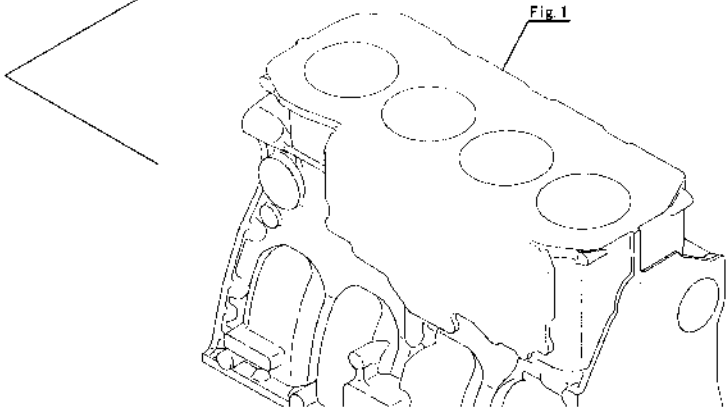
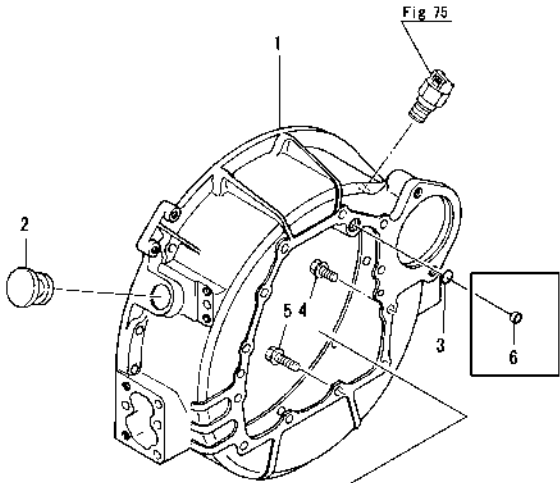
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119000-01500	CASE, GEAR	1	1	1	1				
2	1	119000-01520	COVER, GEAR CASE	1	1	1	1				
3	1	121023-01550	COVER	1	1	1	1				
3-1	1	121023-01551	COVER (A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)	1	1	1	1				R
4	1	119000-01740	COVER	1	1	1	1				
5	1	119000-01770	GASKET	1	1	1					
5-1	1	119000-01771	GASKET (A=*1990.08) (B=*1990.08) (C=*1990.08)	1	1	1	1				N
6	1	121850-01800	SEAL, OIL	1	1	1	1				
7	1	124610-01851	COVER	1	1						
8	1	124610-01861	GASKET	1	1						
8-1	1	124610-01862	GASKET (A=*1990.08) (B=*1990.08)	1	1						N
9	1	121850-01920	STUD, 2D8X22	2	2	2	2				
10	1	119000-01930	COVER	1	1						
10-1	1	119000-01931	COVER (A=EZZZZZ) (B=EZZZZZ)	1	1						S
10A	1	119187-01930	COVER				1	1			
11	1	22312-080160	PIN, PARALLEL M8X16	2	2	2	2				
11-1	1	129100-01580	PIN, M8X16	2	2	2	2				R
			(A=E11028) (B=E22082) (C=E23489) (D=E51377)								
12	1	24341-000240	O-RING, 1AS24.0	1	1	1	1				
13	1	26106-060182	BOLT, M6X 18 PLATED	2	2	2	2				
14	1	26106-080202	BOLT, M8X 20 PLATED	5	5	5	5				
15	1	26106-080202	BOLT, M8X 20 PLATED	1	1						
16	1	26106-080202	BOLT, M8X 20 PLATED	2	2	2	2				
17	1	26106-080402	BOLT, M8X 40 PLATED	1	1	1	1				
18	1	26106-080452	BOLT, M8X 45 PLATED	5	5	5	5				
19	1	26106-080502	BOLT, M8X 50 PLATED	5	5						
20	1	26106-080552	BOLT, M8X 55 PLATED	1	1	1	1				
21	1	26106-080752	BOLT, M8X 75 PLATED	4	4	4	4				
22	1	26106-080902	BOLT, M8X 90 PLATED	2	2						
23	1	43400-500420	SEAL WASHER 8	1	1	1					
23-1	1	22190-080003	WASHER, SEAL 8 (A=E10722) (B=E21478) (C=E22111)	1	1	1	1				R
24	1	26106-080202	BOLT, M8X 20 PLATED	2	2						
25	1	26106-080252	BOLT, M8X 25 PLATED				1	1			
26	1	26106-080552	BOLT, M8X 55 PLATED				3	3			
27	1	26106-080952	BOLT, M8X 95 PLATED				2	2			
28	1	124160-01751	COVER, FILLER	1	1	1					
29	1	119000-01760	FLANGE	1	1	1					
30	1	24311-000320	O-RING, 1AP32.0	1	1	1					



(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-01600	HOUSING, FLYWHEEL	1	1	1	1				
1-1	1	119171-01601	HOUSING, FLYWHEEL	1	1	1	1			S	1
(A=*2007.10) (B=*2007.10) (C=*2007.10) (D=*2007.10)											
2	1	119620-01750	CAP	1	1	1	1				
2-1	1	119575-01750	CAP	1	1	1	1				R
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
3	1	24311-000140	O-RING, 1AP14.0	1	1	1	1				
3-1	1	24311-000160	O-RING, 1AP16.0	1	1	1	1			S	
(A=*2007.10) (B=*2007.10) (C=*2007.10) (D=*2007.10)											
4	1	26106-100252	BOLT, M10X 25 PLATED	8	8	8	8				
5	1	26106-100302	BOLT, M10X 30 PLATED	4	4	4	4				
6	1	119175-39730	BUSH, OIL GALLERY	1	1	1	1				Z
(A=*2007.10) (B=*2007.10) (C=*2007.10) (D=*2007.10)											

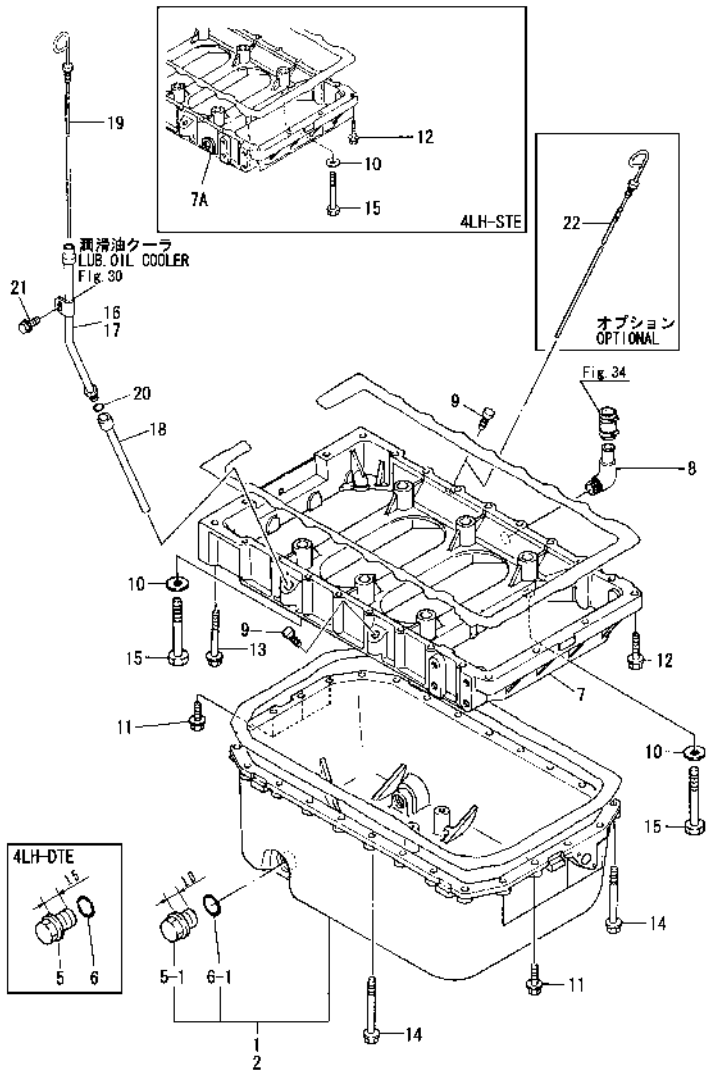


Remarks
(1)Interchangeable by simultaneous replacement with Ref.No.1-1,3-1.

Fig.4. LUB. OIL SUMP

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

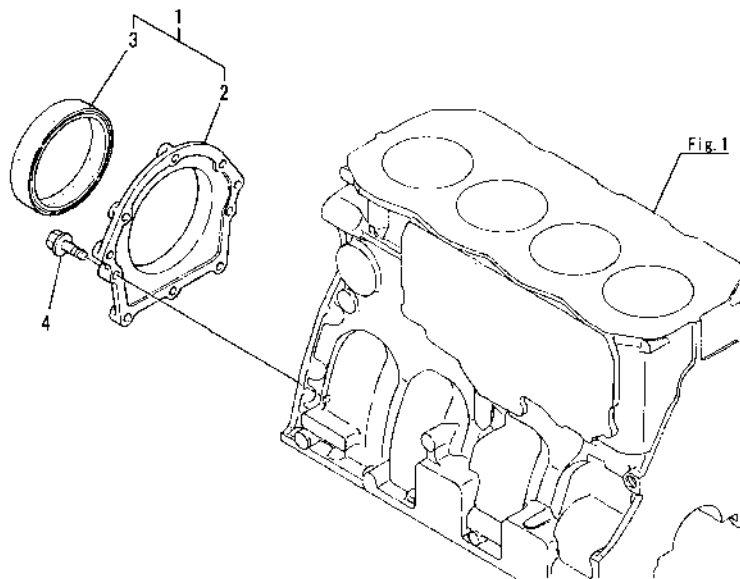
(D)=4LH-STE
(E)=
(F)=



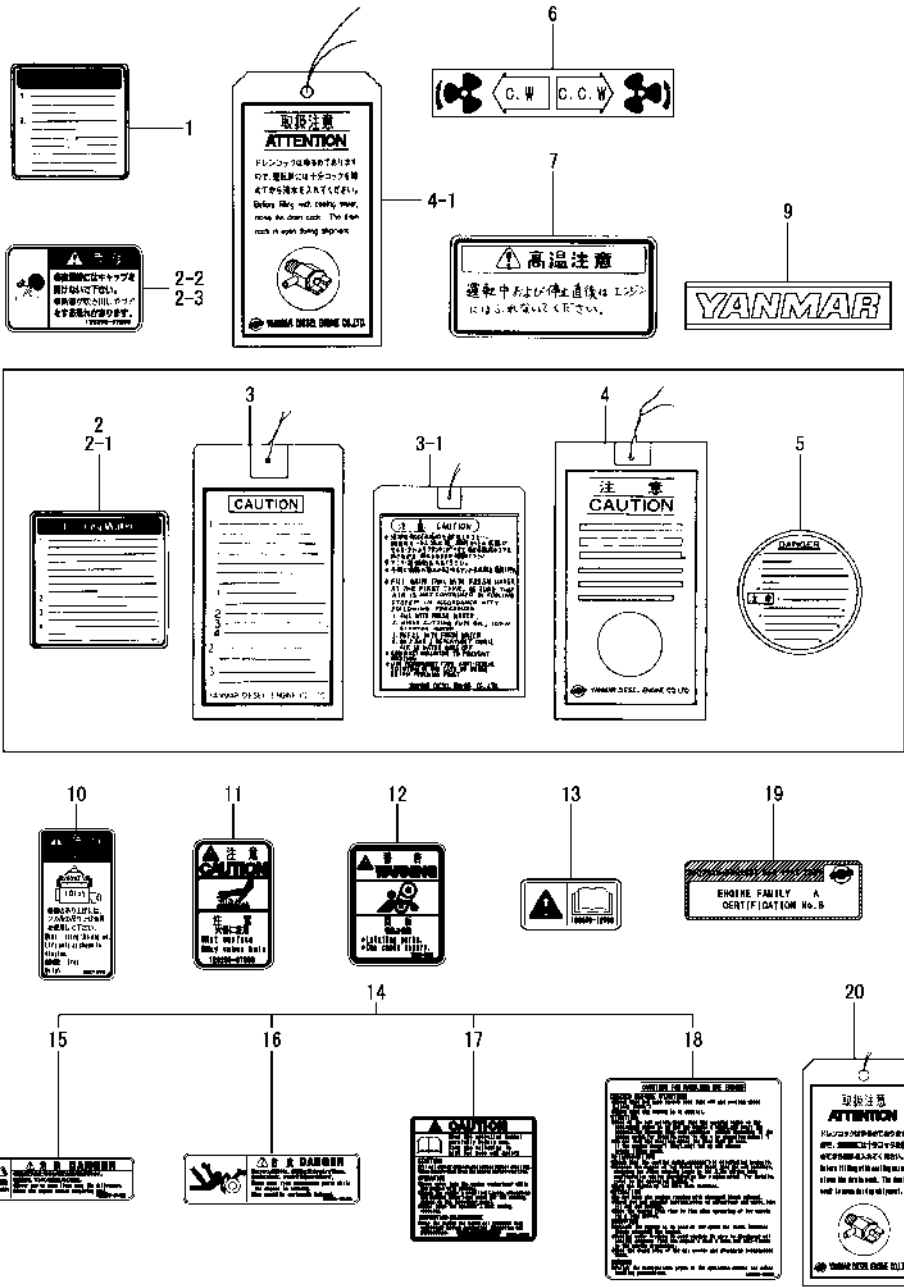
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119100-01770	SUMP ASSY, OIL	1	1						
2	1	719187-01540	SUMP ASSY, OIL			1	1				
5	2	171301-01640	PLUG, 22	1	1	1					
5-1	2	119640-01640	PLUG, DRAIN M22 (C=E22232)			1	1			S	2
6	2	24341-000240	O-RING, 1AS24.0	1	1	1					
6-1	2	22190-220002	WASHER, SEAL 22 (C=E22232)			1	1			S	2
7	1	119100-01730	SPACER	1	1	1					
7A	1	119184-01730	SPACER, OIL SUMP				1				
8	1	124070-13300	ELBOW, PT3/8	1	1	1	1				
9	1	124976-34850	CAP	2	2	2	2				
10	1	22117-120000	WASHER, 12	6	6	6	6				
11	1	26106-080252	BOLT, M8X 25 PLATED	8	8	8	8				
12	1	26106-080352	BOLT, M8X 35 PLATED	4	4	4	4				
13	1	26106-080702	BOLT, M8X 70 PLATED	2	2	2	2				
14	1	26106-080802	BOLT, M8X 80 PLATED	18	18	18	18				
15	1	26116-120852	BOLT, M12X 85 PLATED	6	6	6	6				
16	1	119171-34810	GUIDE, DIPSTICK	1	1						
17	1	119173-34810	GUIDE, DIPSTICK			1	1				
18	1	119171-34820	GUIDE, DIPSTICK	1	1	1	1				
19	1	129470-34850	DIPSTICK, OIL	1	1	1	1				
20	1	24341-000100	O-RING, 1AS10.0	1	1	1	1				
21	1	26106-080162	BOLT, M8X 16 PLATED	1	1	1	1				
22	1	119171-34850	DIPSTICK, OIL	1	1	1	1				1

Remarks
(1)Optional.
(2)Interchangeable by simultaneous replacement with Ref.No5-1,6-1.

Fig.5. OIL SEAL HOUSING



No.	Lev.	Parts No.	Description	(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE		(D)=4LH-STE (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119100-01640	CASE ASSY, OIL SEAL	1	1	1	1				
2	2	119000-01650	CASE, OIL SEAL	1	1	1	1				
3	2	124411-01780	SEAL, HTC95X115X12	1	1	1	1				
4	1	26106-080252	BOLT, M8X 25 PLATED	8	8	8	8				



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	135665-07210	LABEL, WATER PUMP (A=E10960) (B=E21952) (C=E23158) (D=E50957)	1	1	1	1				Z
2	1	127611-07350	LABEL	1	1						
2-1	1	129198-07350	LABEL, TANK (A=EXXXXX) (B=EXXXXX)	1	1	1					N
2-2	1	128296-07250	LABEL, CAUTION (A=E10886) (B=E21719) (C=E22687)	1	1	1	1				N
2-3	1	128296-07260	LABEL, DANGER (A=E10960) (B=E21952) (C=E23158) (D=E50957)	1	1	1	1				N
3	1	126630-07370	LABEL	1	1	1					
3-1	1	129198-07360	LABEL, CAUTION TAG (A=E10724) (B=E21492) (C=E22147)	1	1	1					N
3-2	1	129198-07360	LABEL, CAUTION TAG (A=E10886) (B=E21719) (C=E22687)	1	1	1					Z
4	1	123682-07850	LABEL, CAUTION	1	1	1					
4-1	1	123682-07851	LABEL, CAUTION (A=E10886) (B=E21719) (C=E22687)	1	1	1	1				N
5	1	120445-44620	LABEL, CAUTION (A=E10886) (B=E21719) (C=E22687)	1	1	1					Z
6	1	177073-02430	LABEL (A=*1987.09) (B=*1987.09)	1	1	1	1				W
6-1	1	177073-02431	LABEL, DIRECTION (A=E10897) (B=E21749) (C=E22718) (D=E50208)	1	1	1	1				N
7	1	119370-07100	LABEL (C=EXXXXX)			1					Z
9	1	194170-65891	LABEL, SEAT	1	1	1	1				
10	1	120324-07240	LABEL, DANGER (A=E10960) (B=E21952) (C=E23158) (D=E50957)	1	1	1	1				W
11	1	128296-07300	LABEL, DANGER (A=E10960) (B=E21952) (C=E23158) (D=E50957)	1	1	1	1				W
12	1	128296-07350	LABEL, DANGER (A=E10960) (B=E21952) (C=E23158) (D=E50957)	1	1	1	1				W
13	1	196630-12980	LABEL, CAUTION (A=E10960) (B=E21952) (C=E23158) (D=E50957)	1	1	1	1				W
14	1	128296-07190	LABEL, LOOSE PARTS (A=E10984) (B=E21907) (C=E23055) (D=E50808)	1	1	1	1				W
15	2	128296-07400	LABEL, DANGER (A=E10984) (B=E21907) (C=E23055) (D=E50808)	2	2	2	2				W
16	2	128296-07420	LABEL, DANGER (A=E10984) (B=E21907) (C=E23055) (D=E50808)	1	1	1	1				W
17	2	128296-07450	LABEL, DANGER (A=E10984) (B=E21907) (C=E23055) (D=E50808)	1	1	1	1				W
18	2	128296-07460	LABEL, DANGER (A=E10984) (B=E21907) (C=E23055) (D=E50808)	1	1	1	1				W
19	1	119171-07500	LABEL, BSO (A=E10692)	1							W
19-1	1	119171-07501	LABEL, BSO (A=E10921)								N
19A	1	119172-07500	LABEL, BSO (B=E21442)		1						W
19A-1	1	119172-07501	LABEL, BSO		1						N

Fig.6. LABEL

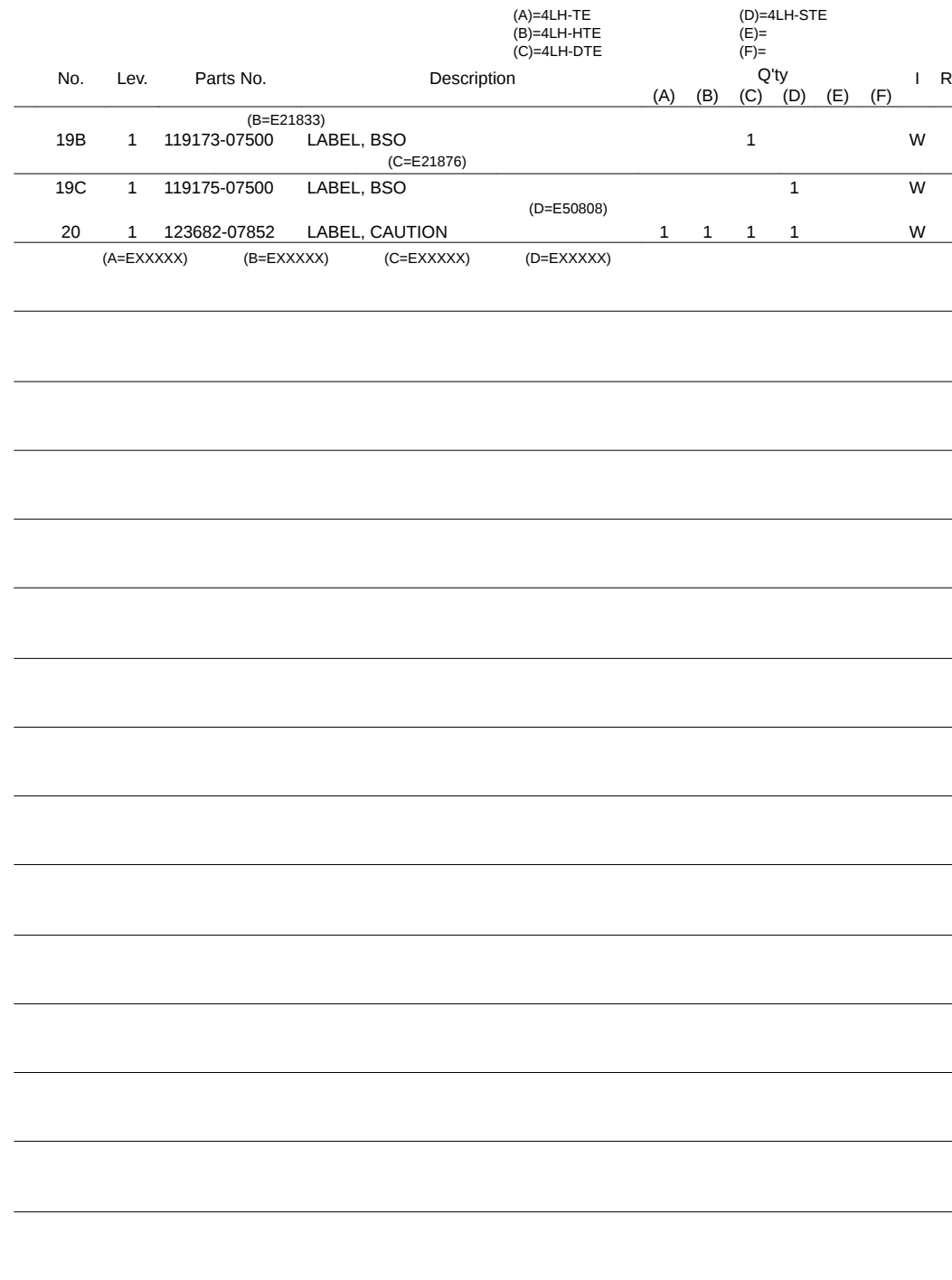
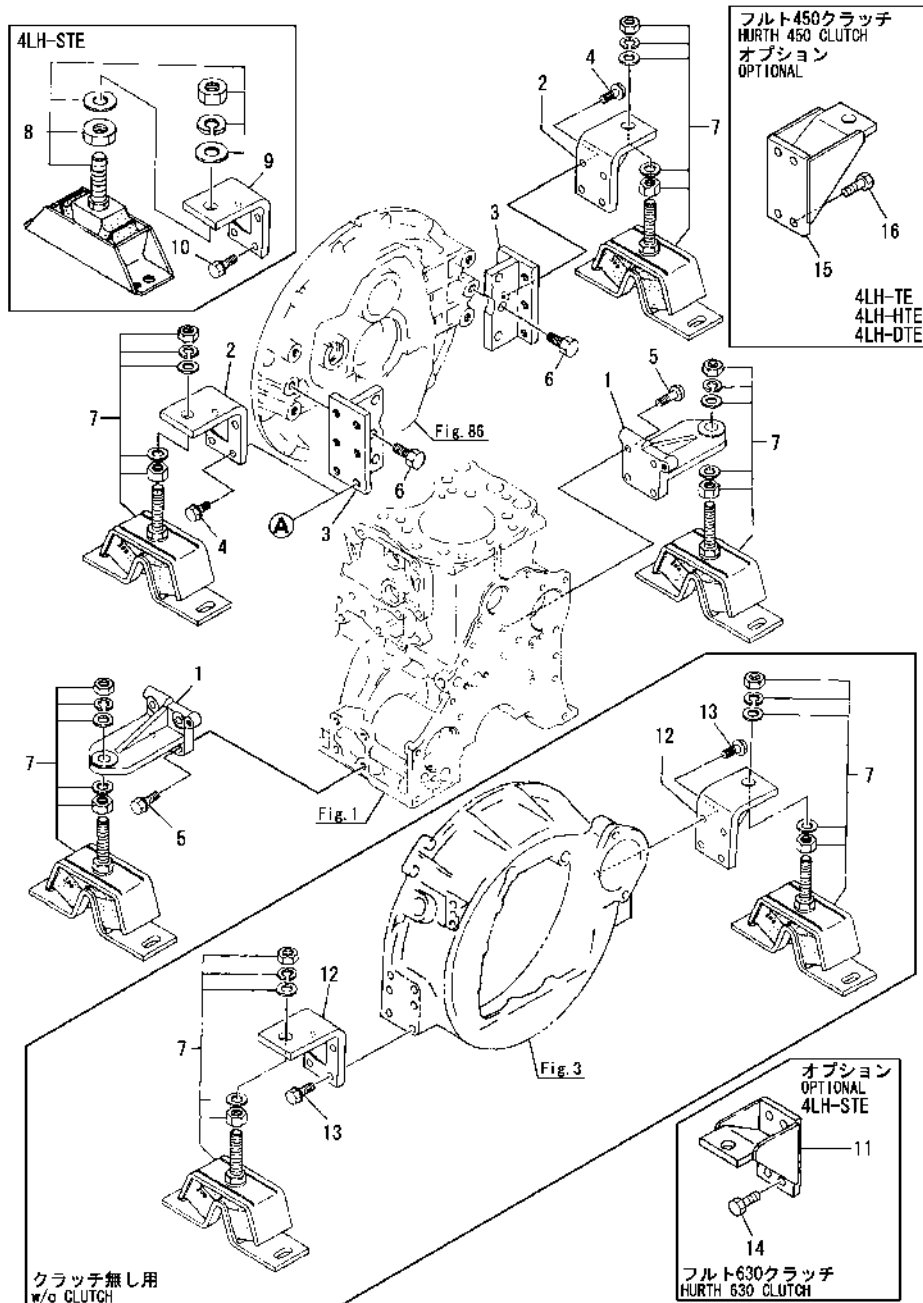


Fig.7. ENGINE BRACKET

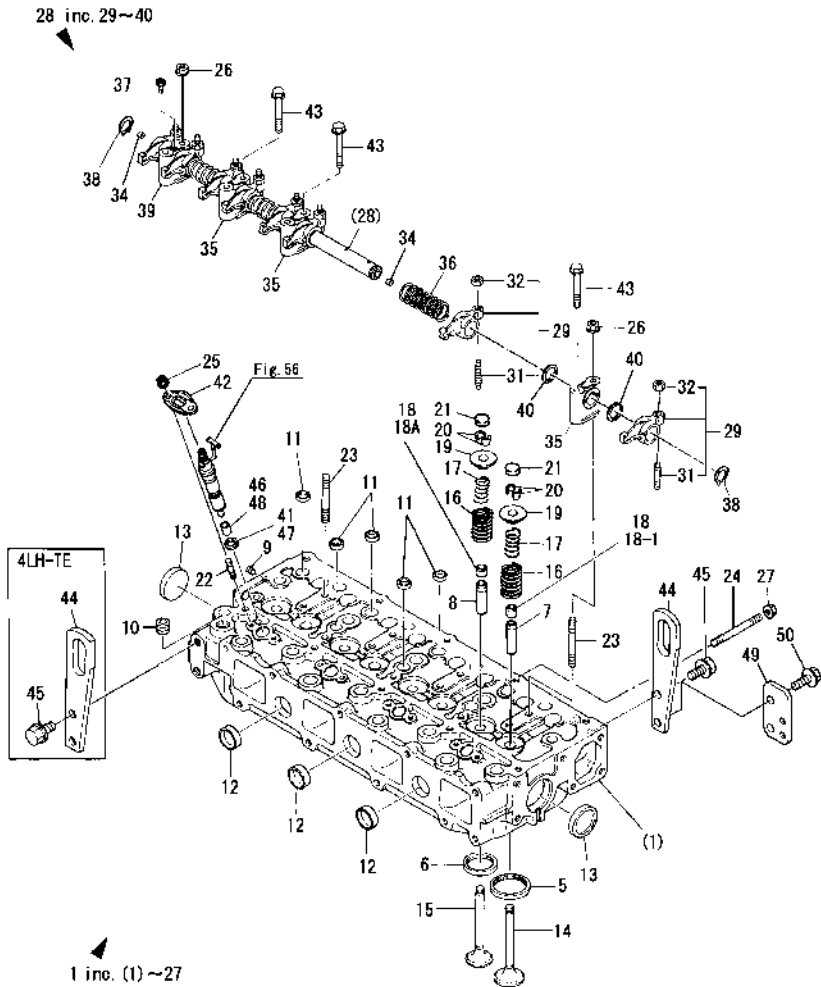


				(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE	(D)=4LH-STE (E)= (F)=					
No.	Lev.	Parts No.	Description		Q'ty					I R
					(A)	(B)	(C)	(D)	(E)	(F)
1	1	119171-08100	FOOT, MOUNTING		2	2	2			
1-1	1	119173-08100	FOOT, MOUNTING		2	2	2	2		N
		(A=*1991.06)	(B=*1991.06)	(C=*1991.06)						
2	1	119171-08110	FOOT, MOUNTING		2	2	2			
2-1	1	119171-08111	FOOT, MOUNTING		2	2	2			N
		(A=E10758)	(B=E21542)	(C=E22234)						
3	1	119171-08130	BRACKET		2	2	2			
3-1	1	119171-08131	BRACKET		2	2	2			N
		(A=E10803)	(B=E21610)	(C=E22489)						
4	1	26106-100252	BOLT, M10X 25 PLATED		8	8	8	8		
5	1	26106-100302	BOLT, M10X 30 PLATED		8	8	8	8		
6	1	26116-120302	BOLT, M12X 30 PLATED		6	6	6	6		
7	1	119171-08440	MOUNT, FLEXIBLE 300		4	4				
7-1	1	119173-08440	MOUNT, FLEXIBLE 300		4	4	4			S
		(A=*1989.06)	(B=*1989.06)							
8	1	119173-08330	ABSORBER					4		W
9	1	119181-08110	FOOT, MOUNTING					2		
9-1	1	119175-08120	FOOT, MOUNTING					2		N
				(D=E52595)						
10	1	26106-100302	BOLT, M10X 30 PLATED					8		
10-1	1	26106-100352	BOLT, M10X 35 PLATED					8		N
				(D=EXXXXX)						
11	1	119175-08110	FOOT, MOUNTING					2		
11-1	1	119175-08111	FOOT, MOUNTING					2		R
				(D=E52973)						
12	1	119182-08110	FOOT, MOUNTING		2	2	2			W
		(A=*1990.08)	(B=*1990.08)	(C=*1990.08)						
13	1	26106-100302	BOLT, M10X 30 PLATED		8	8	8			W
		(A=*1990.08)	(B=*1990.08)	(C=*1990.08)						
14	1	26116-120352	BOLT, M12X 35 PLATED					8		
15	1	119173-08110	FOOT, MOUNTING		2	2	2			W
		(A=E11028)	(B=E22082)	(C=E23491)						
16	1	26116-120352	BOLT, M12X 35 PLATED		8	8	8			W
		(A=E11028)	(B=E22082)	(C=E23491)						

Fig.8. CYLINDER HEAD

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



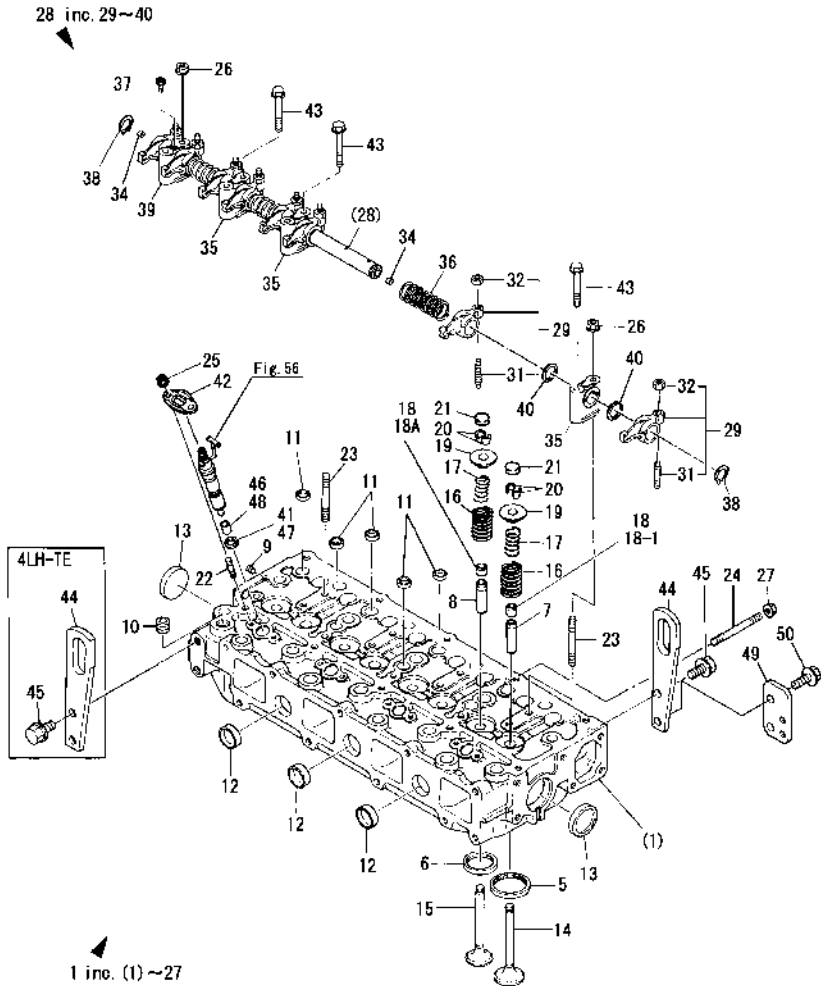
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719171-11700	HEAD ASSY, CYLINDER	1	1						
1A	1	719173-11700	HEAD ASSY, CYLINDER			1					
1A-1	1	719173-11701	HEAD ASSY, CYLINDER			1				N	
(C=E22633)											
1B	1	719195-11700	HEAD ASSY, CYLINDER				1				
5	3	119100-11080	SEAT, INTAKE VALVE	4	4						
5A	3	119173-11080	SEAT, INTAKE VALVE			4	4				
6	3	119100-11090	SEAT, EXHAUST VALVE	4	4						
6A	3	119173-11090	SEAT, EXHAUST VALVE			4	4				
6A-1	3	119173-11091	SEAT, VALVE			4	4			N	
(C=EXXXXX) (D=EXXXXX)											
7	3	121850-11160	GUIDE, VALVE	4	4	4	4				
8	3	119000-11170	GUIDE, VALVE	4	4	4	4				
9	3	23876-005000	PLUG, R005	1	1	1	1				
10	3	23876-030000	PLUG, R03	1	1	1	1				
11	3	27241-160000	PLUG, 16	7	7	7	4				
11-1	3	119000-11990	PLUG, 16	7	7	7	4			N	
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
12	3	27241-280000	PLUG, 28	3	3	3	3				
12-1	3	119100-11990	PLUG, 28	3	3	3	3			N	
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
13	3	27241-400000	PLUG, 40	2	2	2	2				
13-1	3	119885-01990	PLUG, 40	2	2	2	2			N	
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
14	2	121850-11100	VALVE, INTAKE	4	4						
14A	2	119173-11100	VALVE, INTAKE			4					
14A-1	2	119173-11101	VALVE, INTAKE			4	4			S	1
(C=*1989.10)											
15	2	119101-11110	VALVE, EXHAUST	4	4						
15-1	2	119171-11110	VALVE, EXHAUST	4	4					N	
(A=*1989.03) (B=*1989.03)											
15A	2	119173-11110	VALVE, EXHAUST			4					
15B	2	119593-11110	VALVE, EXHAUST				4				
16	2	124617-11120	SPRING, VALVE OUTER	8	8	8	8				
17	2	124617-11130	SPRING, VALVE INNER	8	8	8	8				
18	2	121850-11150	SEAL, VALVE STEM	8	8						
18-1	2	121850-11150	SEAL, VALVE STEM	4	4	4	4			K	
(A=*1988.11) (B=*1988.11)											
18A	2	119171-11150	SEAL, VALVE STEM	4	4	4	4			W	
(A=*1988.11) (B=*1988.11)											
19	2	124411-11180	RETAINER, SPRING	8	8	8	8				
20	2	124250-11190	COTTER	8	8	8					
20-1	2	124250-11190	COTTER	16	16	16				K	
(A=*1991.02) (B=*1991.02) (C=*1991.02)											
20-2	2	27310-090001	COTTER, 9	8	8	8	8			N	
(A=E10784) (B=E21589) (C=E22440)											
21	2	119171-11370	CAP, VALVE	8	8	8	8				
22	2	26216-060252	STUD, M6X 25	8	8	8					
22-1	2	119593-11910	BOLT	8	8	8	8			R	
(A=*1991.09) (B=*1991.09) (C=*1991.09)											
22-2	2	119175-11910	BOLT	8	8	8	8			N	

Remarks
(1)Interchangeable by simultaneous replacement with Fig.28 No.1A-1.

Fig.8. CYLINDER HEAD

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
		(A=E11104)	(B=E22452)	(C=E24005)	(D=E51968)						
23	2	26216-080602	STUD, M8X 60	2	2						
23-1	2	26216-080652	STUD, M8X 65	2	2	2	2			N	
		(A=*1987.09)	(B=*1987.09)								
24	2	26216-081052	STUD, M8X105	2	2	2					
24-1	2	26216-081102	STUD, M8X110	2	2	2				N	
		(A=EXXXXX)	(B=EXXXXX)	(C=EXXXXX)							
24A	2	26216-081402	STUD, M8X140					2			
25	2	26366-060002	NUT, M6	8	8	8	8				
26	2	26366-080002	NUT, M8	2	2	2	2				
26-1	2	26306-080002	NUT, M8	2	2	2	2			N	
		(A=EXXXXX)	(B=EXXXXX)	(C=EXXXXX)	(D=EXXXXX)						
27	2	26366-080002	NUT, M8	2	2	2	2				
27-1	2	26306-080002	NUT, M8	2	2	2	2			N	
		(A=EXXXXX)	(B=EXXXXX)	(C=EXXXXX)	(D=EXXXXX)						
28	1	119100-11240	SHAFT ASSY, ROCKER	1	1						
28-1	1	119100-11230	SHAFT ASSY, ROCKER	1	1					N	
		(A=*1992.01)	(B=*1992.01)								
28A	1	119173-11240	SHAFT ASSY, ROCKER			1	1				
29	2	719129-11650	ARM ASSY, ROCKER	8	8	8					
29-1	2	719129-11660	ARM ASSY, ROCKER	8	8	8	8			N	
		(A=*1992.01)	(B=*1992.01)	(C=*1992.01)							
31	3	129150-11230	SCREW, VALVE ADJUST	8	8						
31-1	3	119000-11230	SCREW, VALVE ADJUST	8	8	8	8			N	
		(A=*1987.12)	(B=*1987.12)								
32	3	129150-11750	NUT, M8	8	8	8	8				
34	3	27241-100000	PLUG, 10	2	2	2	2				
35	2	119000-11270	SUPPORT, ROCKER ARM	3	3	3	3				
36	2	119000-11280	SPRING	3	3	3	3				
37	2	119000-11290	BOLT	1	1	1	1				
38	2	22242-000180	RING, 18	2	2	2	2				
39	2	119000-11260	SUPPORT, ROCKER ARM	1	1	1	1				
40	2	119173-11350	SPACER			8	8				
41	1	119625-11880	SEAT, NOZZLE	4	4	4					
42	1	119625-11900	RETAINER, NOZZLE	4	4	4	4				
43	1	26106-080652	BOLT, M8X 65 PLATED	6	6	6	6				
44	1	119000-07200	LIFTER	2	1	1	1				
45	1	26106-100202	BOLT, M10X 20 PLATED	4	2	2	2				
46	1	119593-11870	INSULATOR				4				
47	1	119593-11880	SEAT, VALVE				4				
48	1	119625-11870	PROTECTOR, NOZZLE	4	4	4					
49	1	119172-77160	SUPPORT	1	1	1	1			W	
		(A=E11219)	(B=E22835)	(C=E24537)	(D=E52458)						
50	1	26106-100252	BOLT, M10X 25 PLATED	2	2	2	2			W	
		(A=E11219)	(B=E22835)	(C=E24537)	(D=E52458)						

Remarks
(1)Interchangeable by simultaneous replacement with Fig.28 No.1A-1.

Fig.9. BONNET & BREATHER

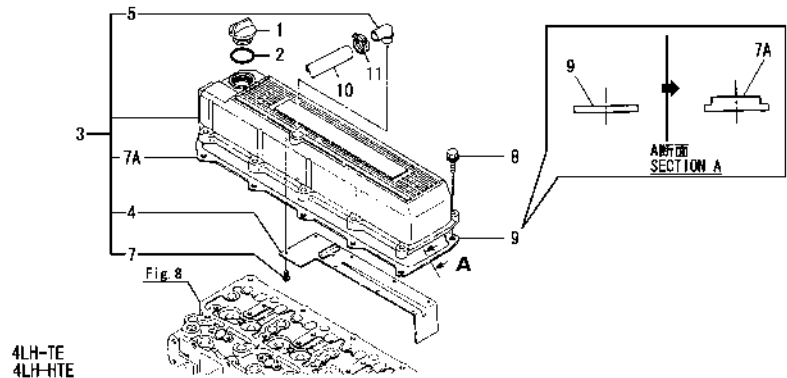


No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	124160-01751	COVER, FILLER	1	1	1	1				
2	1	121420-01760	O-RING	1	1						
2-1	1	24311-000320	O-RING, 1AP32.0	1	1	1	1			N	
3	1	119100-11310	BONNET ASSY, HEAD	1	1						
3-1	1	119100-11311	BONNET ASSY, HEAD	1	1					N	
4	2	119100-03200	COVER	1	1						
5	2	119100-11330	ELBOW	1	1						
7	2	26022-050122	SCREW, M5X12	11	11						
7-1	2	26476-050102	SCREW, TAPPING M5X10	11	11					R	
7A	2	119100-11320	GASKET, BONNET	1	1					W	1
8	1	26106-080252	BOLT, M8X 25 PLATED	10	10	10	10				
9	1	119100-11360	GASKET, BONNET	1	1					Z	
10	1	119171-03091	HOSE, BREATHER	1	1						
10-1	1	119171-03100	HOSE, BREATHER	1	1					N	
11	1	23000-025000	CLAMP, 25	2	2						
11-1	1	23010-025000	CLAMP, 25	1	1					R	
11-2	1	23010-025000	CLAMP, 25	2	2					K	
12	1	119173-11300	BONNET ASSY, HEAD			1	1				
14	2	119100-11320	GASKET, BONNET			1	1				
15	1	119173-03020	COVER ASSY (C=EXXXXXX)			1				W	
15A	1	119175-03021	COVER ASSY				1				
16	2	119187-01930	COVER (C=EXXXXXX)			1				W	
16A	2	119174-01932	COVER				1				
17	2	124411-03030	COVER, BREATHER			1					
17-1	2	119173-03030	COVER, BREATHER (C=*1990.07)			1	1			S	1
18	2	121850-03050	FILTER, BREATHER			1	1				
19	2	124411-03050	GASKET			1					
19-1	2	124411-03051	GASKET			1	1			N	
20	2	121750-03080	PLATE, BAFFLE			1	1				
21	2	26106-060452	BOLT, M6X 45 PLATED (C=*1990.07)			1	1			W	1
22	2	26106-060182	BOLT, M6X 18 PLATED (C=*1990.07)			1	1			W	1
23	2	119174-03192	PLATE, BAFFLE				1				
24	2	129466-49110	JOINT, PT1/4				1				
24-1	2	129122-44480	JOINT				1			R	
25	2	26557-040062	SCREW, M4X 6				9				
26	1	119173-03090	HOSE, BREATHER			1					

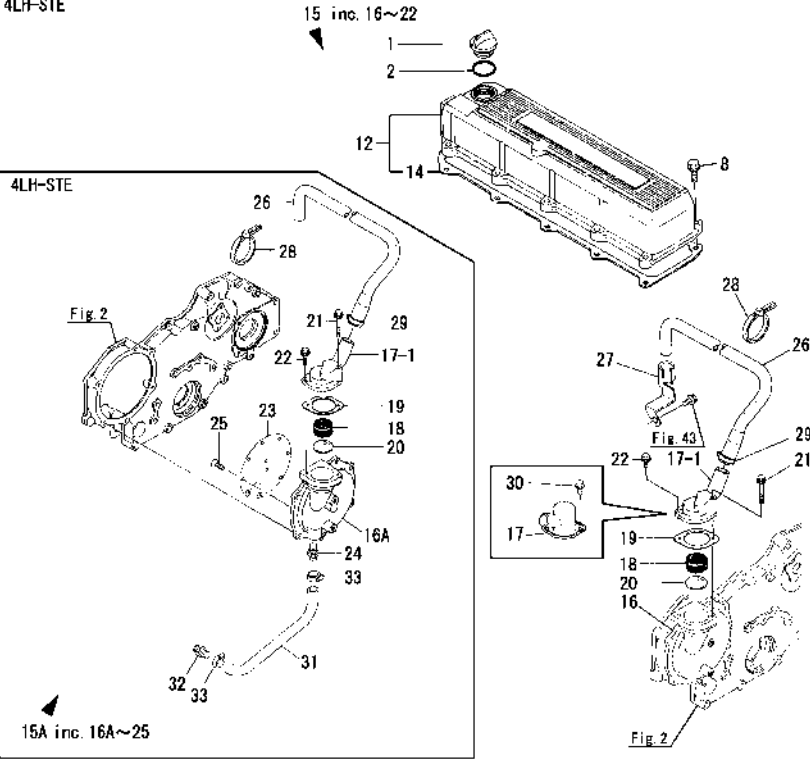
Remarks
(1)Interchangeable by simultaneous replacement with Ref.No.17-1, 21,22,26-1.

N:Old $\xrightleftharpoons[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightleftharpoons[\text{Yes}]{\text{No}}$ New, R:Old $\xrightleftharpoons[\text{Yes}]{\text{No}}$ New, S:Old $\xrightleftharpoons[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Qty Change
 ++ CONTINUE ++
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Fig.9. BONNET & BREATHER



4LH-TE
4LH-HTE
4LH-DTE
4LH-STE



(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
26-1	1	119173-03100	HOSE, BREATHER (C=*1990.07)			1				S	1
26-2	1	119173-03110	HOSE, BREATHER (C=*1993.01)			1	1			N	
27	1	119182-03100	SUPPORT (C=*1993.01)			1				Z	
28	1	121750-59890	BAND, 140			1	2				
29	1	23000-035000	CLAMP, 35			1	1				
30	1	26106-060122	BOLT, M6X 12 PLATED (C=*1990.07)			2	2			Z	
31	1	119174-39700	HOSE, RUBBER				1				
32	1	129466-49110	JOINT, PT1/4				1				
33	1	23000-022000	CLAMP, 22				2				

Remarks
(1)Interchangeable by simultaneous replacement with Ref.No.17-1, 21,22,26-1.

Fig.10. SUCTION MANIFOLD

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119100-12100	MANIFOLD, AIR INTAKE	1	1	1	1				
2	1	119100-12110	GASKET, MANIFOLD	1	1	1					
2-1	1	119100-12112	GASKET, MANIFOLD	1	1	1	1				R
2-2	1	(A=*1990.07)	(B=*1990.07)	(C=*1990.07)							
		1 119100-12113	GASKET, MANIFOLD	1	1	1	1				N
		(A=E11167)	(B=E22606)	(C=E24300)	(D=E52232)						
3	1	26106-080202	BOLT, M8X 20 PLATED	5	5	5	5				
4	1	26106-080702	BOLT, M8X 70 PLATED	3	3	3	3				
5	1	26106-081152	BOLT, M8X115 PLATED	1	1	1	1				

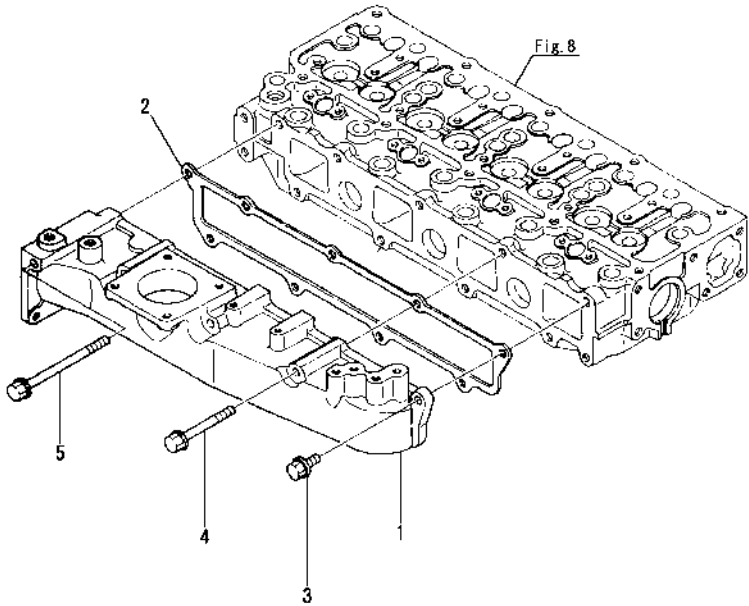


Fig.11. MIXING ELBOW

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119173-13500	ELBOW			1					
1-1	1	119173-13501	ELBOW			1				S	
(C=*1989.09)											
2	1	119171-13490	ELBOW ASSY	1	1						
4	2	27233-250000	PLUG	1	1						
5	1	26366-080002	NUT	3	3	4	3			W	
(C=*1989.09)											
5-1	1	26306-080002	NUT	3	3	4	3			N	
(A=*2001.03) (B=*2001.03) (C=*2001.03) (D=*2001.03)											
6	1	119173-49010	HOSE			1	1			W	
(C=*1992.06)											
7	1	23000-048000	CLAMP, HOSE			2	2			W	
(C=E21968)											
8	1	26216-080202	STUD			4	3			W	
(C=*1989.09)											
9	1	119181-13500	ELBOW				1				
10	1	119171-13510	GASKET	1	1	1	1				
11	1	119171-13530	ELBOW	1	1	1					
13	2	27233-250000	PLUG	1	1					Z	
(A=*1987.08) (B=*1987.08)											
14	1	26366-080002	NUT	3	3						
14-1	1	26306-080002	NUT	3	3					N	
(A=*2001.03) (B=*2001.03)											
15	1	119171-13550	SUPPORT	1	1					W	
(A=*1987.08) (B=*1987.08)											
16	1	26106-080162	BOLT	6	6	6				W	
(A=*1987.08) (B=*1987.08)											
17	1	119171-13510	GASKET	1	1		1				
18	1	119173-18810	GASKET			1					
18-1	1	119173-18811	GASKET			1				S	
(C=*1989.09)											
19	1	119183-13550	SUPPORT			1					
20	1	119183-13560	SPACER			1					
21	1	119183-49010	HOSE			1					
22	1	26450-080252	BOLT			4					
23	1	26216-080202	STUD			3					
24	1	26366-080002	NUT			3					
24-1	1	26306-080002	NUT			3				N	
(C=*2001.03)											
25	1	119174-13501	ELBOW				1				
26	1	119174-13553	SUPPORT				1				
27	1	119171-49010	PIPE				1				
28	1	26106-080202	BOLT				4				
29	1	26106-080162	BOLT				2				
30	1	119173-18710	V-CLAMP			1				Z	
(C=*1989.09)											

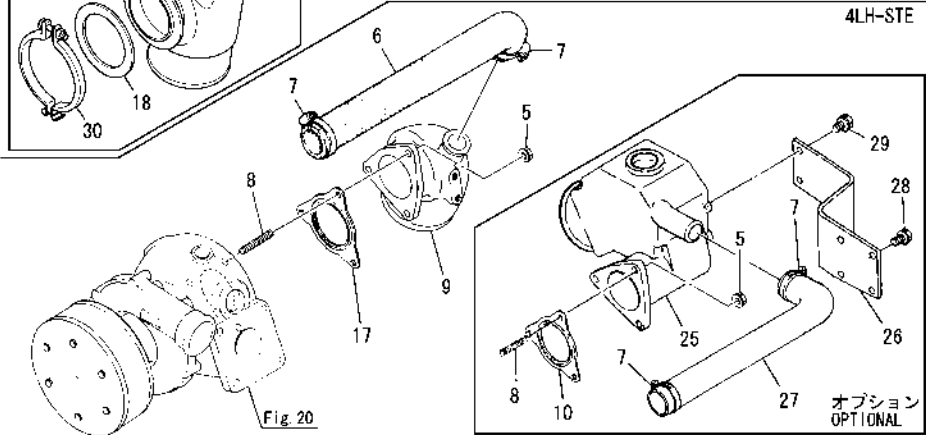
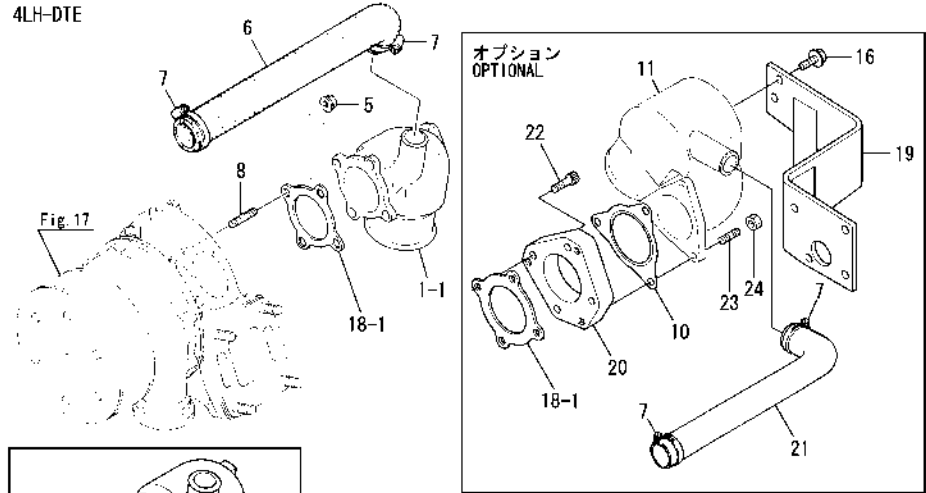
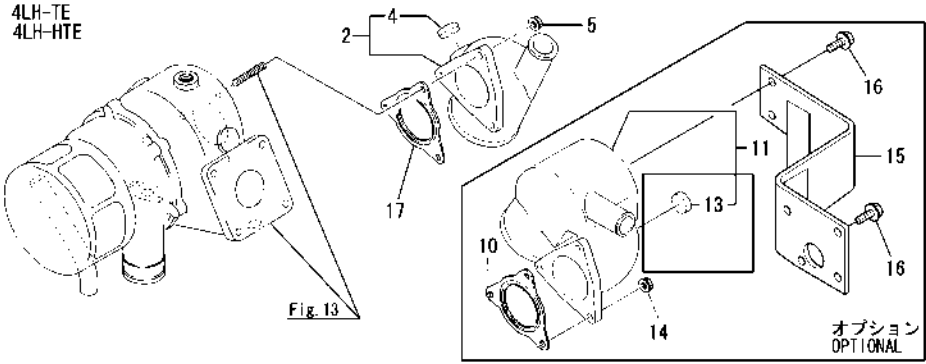


Fig.12. CAMSHAFT

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-14000	CAMSHAFT ASSY	1	1	1					
1A	1	119195-14000	CAMSHAFT ASSY				1				
2	2	119000-02450	BEARING, THRUST	1	1	1	1				
4	2	119000-14100	GEAR, CAMSHAFT Z=48	1	1	1	1				
5	2	22512-070140	KEY, 7X 14	1	1	1	1				
6	1	119000-14200	TAPPET	8	8	8	8				
7	1	129150-14400	ROD, PUSH L=178	8	8						
7-1	1	119171-14400	ROD, PUSH L=178	8	8	8	8				N
		(A=*1987.11)	(B=*1987.11)								
8	1	26106-080162	BOLT, M8X 16 PLATED	2	2	2	2				
9	1	119000-25050	SHAFT, IDLE GEAR	1	1	1	1				
10	1	119000-25100	GEAR ASSY, IDLE Z=51	1	1	1	1				
12	2	119000-25060	BUSH, IDLE GEAR	1	1	1	1				
13	1	119174-25060	BOLT, M8X45	2	2	2	2				

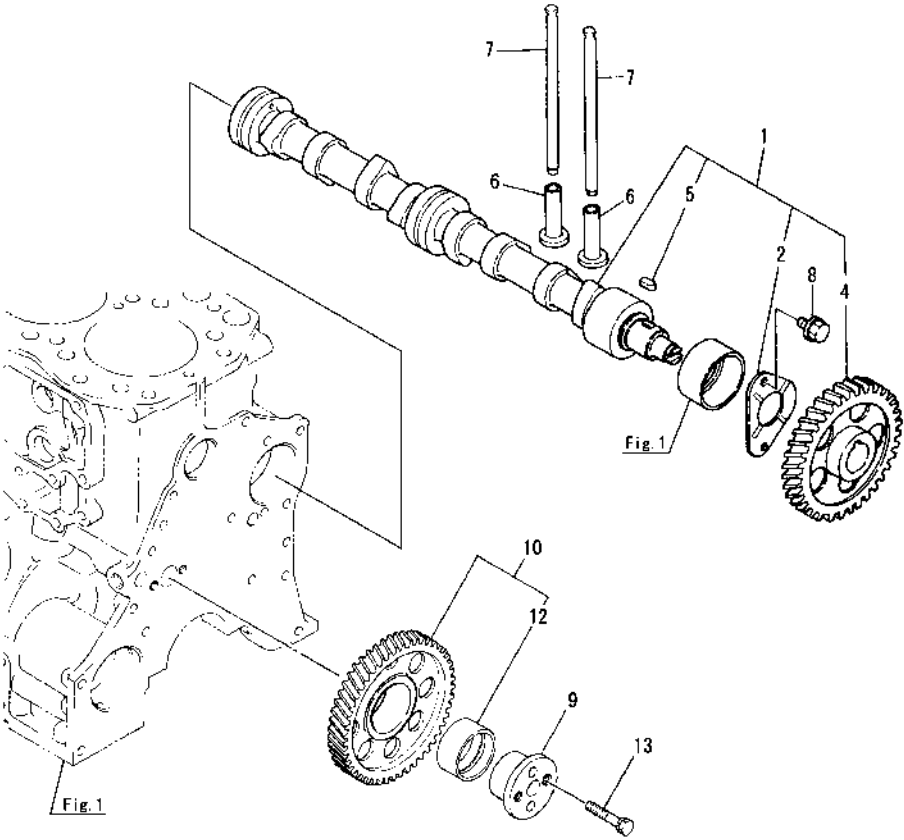
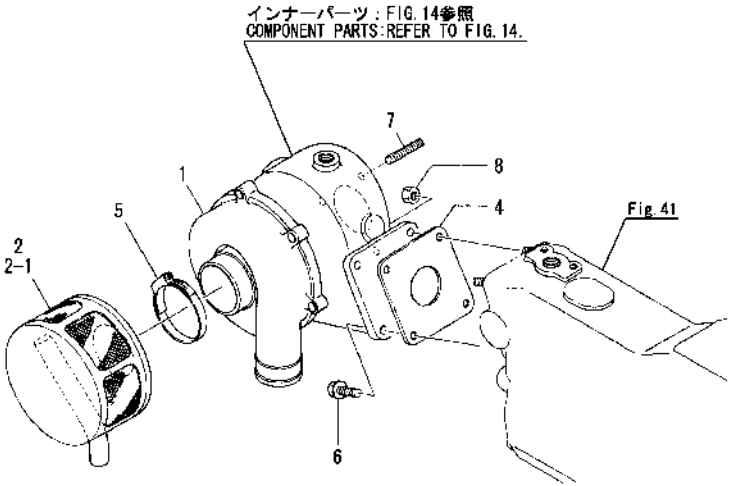


Fig.13. TURBOCHARGER(4LH-TE,HTE)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

4LH-TE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-18010	TURBINE, RHC61W	1	1						
1-1	1	119172-18010	TURBINE, RHC61W (B=E21806)		1						N
1-2	1	119172-18011	TURBINE, RHC61W (B=E22847)		1						N
2	1	119171-12300	SILENCER ASSY	1	1						
2-1	1	119171-12301	SILENCER ASSY (A=*1993.01) (B=*1993.01)	1	1						N
2-2	1	119173-18860	SILENCER (B=E21806)		1						S
3	2	119173-18880	FILTER, 55MM (B=E21806)		1						W
4	1	128300-13230	GASKET, SILENCER	1	1						
5	1	23000-070000	CLAMP, 70	1	1						
5-1	1	23000-080000	CLAMP, 80 (B=E21806)		1						S
6	1	26106-100302	BOLT, M10X 30 PLATED	2	2						
6-1	1	26203-100302	BOLT, M10X 30 PLATED (A=*1987.08) (B=*1987.08)	2	2						N
7	1	26216-080202	STUD, M8X 20	3	3						
8	1	26366-100002	NUT, M10	2	2						
8-1	1	26703-100002	NUT, M10 (A=*1987.08) (B=*1987.08)	2	2						N

4LH-HTE

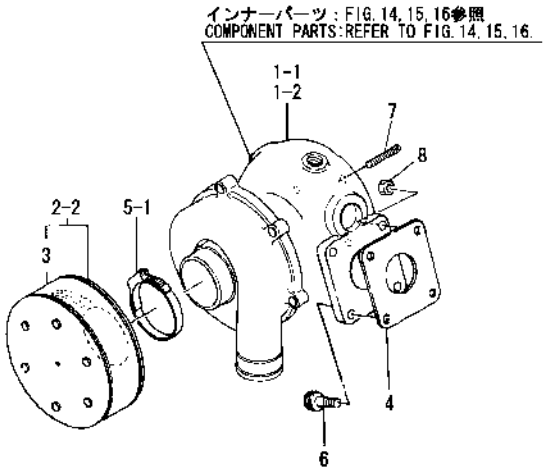
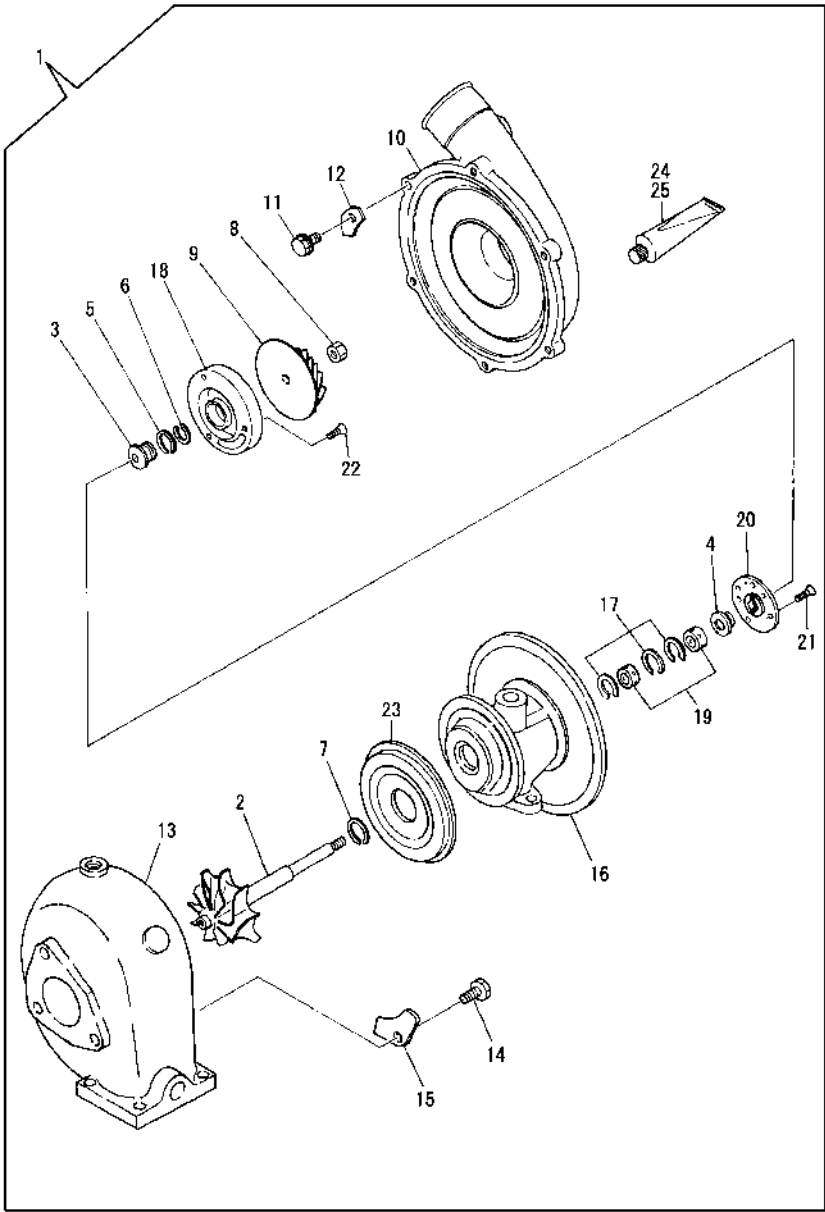


Fig.14. TURBOCHARGER COMPONENT PARTS(4LH-TE,HTE)



(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE
(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-18010	TURBINE, RHC61W	1	1						
2	2	XNH161300	ROTOR PARTS SET	1	1						
3	2	XNN191113	OIL DRIP	1	1						
4	2	XNN971005	BUSH	1	1						
5	2	XNN171006	SEAL RING	1	1						
6	2	XNN131008	SEAL RING,BLOW.SIDE	1	1						
7	2	XNN971007	SEAL RING	1	1						
8	2	XNN191109	LOCK NUT	1	1						
9	2	XNH165203	WHEEL BR504A	1	1						
10	2	XNE964530	HOUSING, BLOWER	1	1						
11	2	XNH164105	BOLT M6	6	6						
12	2	XNH164106	BRACKET	6	6						
13	2	XNE967160	HOUSING, TURBO.	1	1						
14	2	XNN196103	BOLT	6	6						
15	2	XNN197404	RETAINER	6	6						
16	2	XNH163150	HOUGING	1	1						
17	2	XNN977003	RETAINING RING	3	3						
18	2	XNN193012	PLATE, SEAL	1	1						
19	2	XNN973503	BEARING,FLO.JOURNAL	2	2						
20	2	XNN193502	BERRING, THRUST	1	1						
21	2	XNN977006	SCREW	4	4						
22	2	XNN977008	SCREW M4	3	3						
23	2	XNN193315	HEAT PROTECTOR	1	1						
24	2	XNN193653	GASKET, RIQUID	1	1						
25	2	XNN193655	BONDO	1	1						

Fig.15. TURBOCHARGER COMPONENT PARTS(4LH-HTE)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119172-18010	TURBINE, RHC61W		1						
2	2	XNH261120	TURBIN SHAFT ASSY		1						
3	2	XNH261081	BUSH		1						
4	2	XNH261082	COVER		1						
5	2	XNN131008	SEAL RING,BLOW.SIDE		1						
6	2	XNN171006	SEAL RING		1						
7	2	XNN971007	SEAL RING		1						
8	2	XNH261107	NUT,SHAFT END		1						
9	2	XNH265520	IMPELLER,COMPRESSOR		1						
10	2	XNN193012	PLATE, SEAL		1						
11	2	XNH263501	METAL,FLOATING		2						
12	2	XNH263502	BEARING, THRUST		1						
13	2	XNH264962	HOUSING		1						
14	2	XNH164106	BRACKET		6						
15	2	XNH164105	BOLT M6		6						
16	2	XNE967440	HOUSING,TURBINE		1						
17	2	XNH163329	INSULATOR, SILENCER		1						
18	2	XNH137423	RETAINER		5						
19	2	XNN137007	BOLT, M8		5						
20	2	XNB133206	SCREW		4						
21	2	XNH163006	SCREW M4		3						
22	2	XNH163331	HOUSING, BEARING		1						
23	2	XNN977003	RETAINING RING		3						

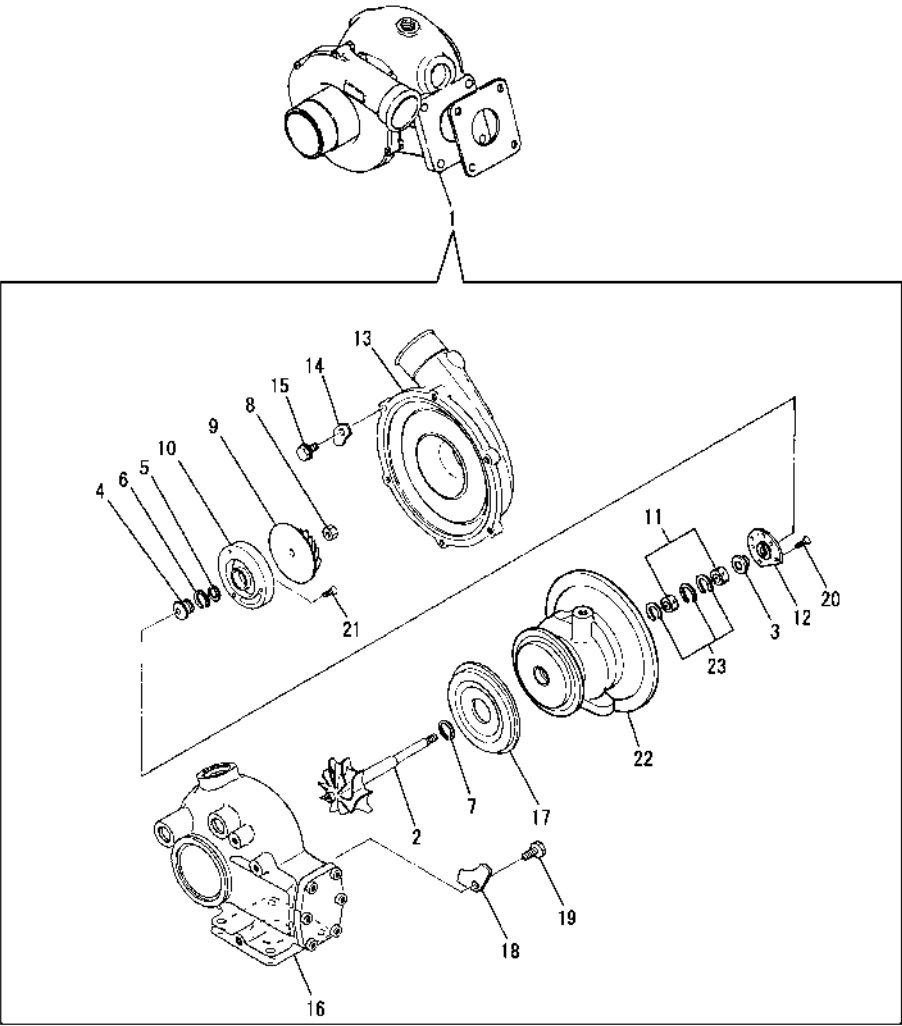


Fig.16. TURBOCHARGER COMPONENT PARTS(4LH-HTE)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119172-18011	TURBINE, RHC61W		1						
2	2	XNH261101	TURBIN SHAFT ASSY		1						
3	2	XNH261081	BUSH		1						
4	2	XNH261082	COVER		1						
5	2	XNN131008	SEAL RING,BLOW.SIDE		1						
6	2	XNN171006	SEAL RING		1						
7	2	XNN971007	SEAL RING		1						
8	2	XNH261107	NUT,SHAFT END		1						
9	2	XNH265520	IMPELLER,COMPRESSOR		1						
10	2	XNN193012	PLATE, SEAL		1						
11	2	XNH263501	METAL,FLOATING		2						
12	2	XNH263502	BEARING, THRUST		1						
13	2	XNH264962	HOUSING		1						
14	2	XNH164106	BRACKET		6						
15	2	XNH164105	BOLT M6		6						
16	2	XNH167606	HOUSING,TURBINE		1						
17	2	XNH163329	INSULATOR, SILENCER		1						
18	2	XNH137423	RETAINER		5						
19	2	XNN137007	BOLT, M8		5						
20	2	XNB133206	SCREW		4						
21	2	XNH163006	SCREW M4		3						
22	2	XNH163376	HOUSING, BEARING		1						
23	2	XNN977003	RETAINING RING		3						

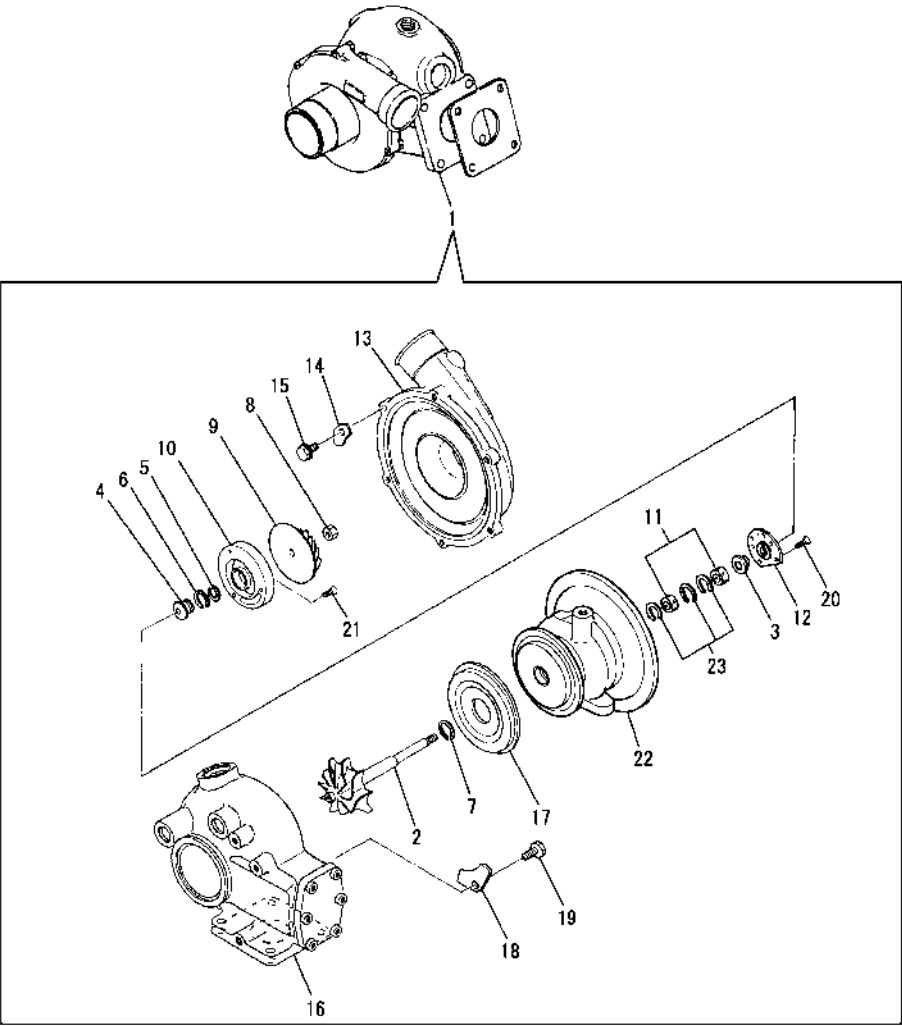
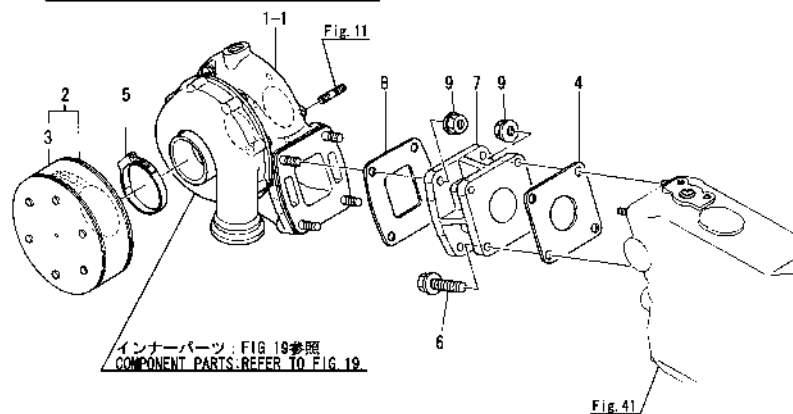


Fig.17. TURBOCHARGER(4LH-DTE)



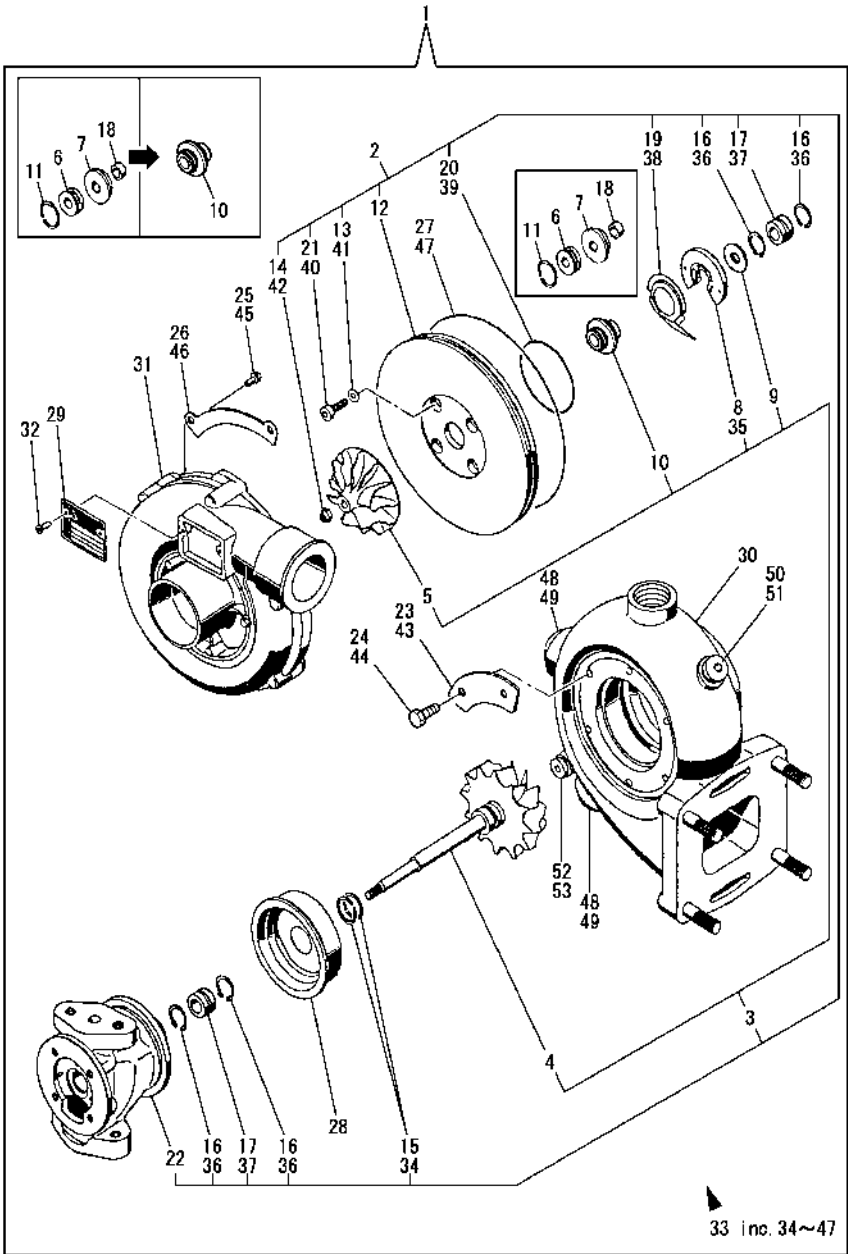
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119173-18010	TURBINE, KKK			1					
1-1	1	119173-18011	TURBINE, K26 (C=*1989.09)			1				S	1
2	1	119173-18850	SILENCER			1					
2-1	1	119173-18860	SILENCER (C=*1993.01)			1				N	
3	2	XN199611	FILTER, INLET			1					
3-1	2	119173-18880	FILTER, 55MM (C=FROM 1ST)			1				N	
4	1	128300-13230	GASKET, SILENCER			1					
5	1	23000-080000	CLAMP, 80			1					
6	1	26203-100302	BOLT, M10X 30 PLATED			2					
7	1	119173-18900	BRACKET			1					
8	1	119173-18940	GASKET			1					
9	1	26703-100002	NUT, M10			6					

Remarks
(1)Interchangeable by simultaneous replacement with Fig.11 No.1-1,5, 8,18-1.

Fig.18. TURBOCHARGER COMPONENT PARTS(4LH-DTE)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119173-18010	TURBINE, KKK			1					
2	2	X3267100058	CORE ASSY			1					
3	3	X3267101126	ROTOR ASSY			1					
4	4	X3261202124	SHAFT, M7 L179			1					
5	4	X3271232035	WHEEL			1					
6	4	X3271270401	SLEEVE			1					Z
7	4	X3271271000	RING (C=EXXXXX)			1					Z
8	4	X3261551305	BEARING, THRUST			1					
9	4	X3261240000	RING, THRUST			1					
10	4	X3261270407	SLEEVE (C=EXXXXX)			1					W
11	3	X3261270103	RING, PISTON (C=EXXXXX)			1					Z
12	3	X3271515739	PLATE			1					
13	3	X3281593300	WASHER			4					
14	3	X3271280205	NUT, LOCK			1					
15	3	X3271270100	RING			2					
16	3	X3261570400	RING, SNAP			4					
17	3	X3261551003	BUSH			2					
18	3	X3261270500	SPACER (C=EXXXXX)			1					Z
19	3	X3261560800	DEFLECTOR			1					
20	3	X2221580501	O-RING			1					
21	3	X0035192601	BOLT, M6X16			4					
22	3	X3241500004	HOUSING, BEARING			1					
23	2	X3261095805	PLATE			3					
24	2	X0035360328	BOLT, M8X14			6					
25	2	X0035355222	BOLT			8					
26	2	X3271095801	PLATE			4					
27	2	X3271580500	O-RING			1					
28	2	X3261652005	SHIELD, HEAT			1					
29	2	X2227010001	LABEL, NAME PLATE			1					
30	2	X3261006422	HOUSING, TURBINE			1					
31	2	X3271015226	HOUSING, GOVERNOR			1					
32	2	X0036051051	RIVET			2					
33	2	X3267110018	OVERHAUL KIT			1					
34	3	X3271270100	RING			2					
35	3	X3261551305	BEARING, THRUST			1					
36	3	X3261570400	RING, SNAP			4					
37	3	X3261551003	BUSH			2					
38	3	X3261560800	DEFLECTOR			1					
39	3	X2221580501	O-RING			1					
40	3	X0035192601	BOLT, M6X16			4					
41	3	X3281593300	WASHER			4					
42	3	X3271280205	NUT, LOCK			1					
43	3	X3261095805	PLATE			3					
44	3	X0035360328	BOLT, M8X14			6					
45	3	X0035355222	BOLT			8					
46	3	X3271095801	PLATE			4					

Fig.18. TURBOCHARGER COMPONENT PARTS(4LH-DTE)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
47	3	X3271580500	O-RING			1					
48	2	X9999900001	PLUG, M22XP2 (C=FROM 1ST)			2				W	
49	2	X9999900004	WASHER, RING 27X22.5 (C=FROM 1ST)			2				W	
50	2	X9999900002	PLUG, M13XP2 (C=FROM 1ST)			1				W	
51	2	X9999900005	WASHER, 18X14 (C=FROM 1ST)			1				W	
52	2	X9999900003	PLUG, M10XP2 (C=FROM 1ST)			1				W	
53	2	X9999900006	WASHER, 15X10 (C=FROM 1ST)			1				W	

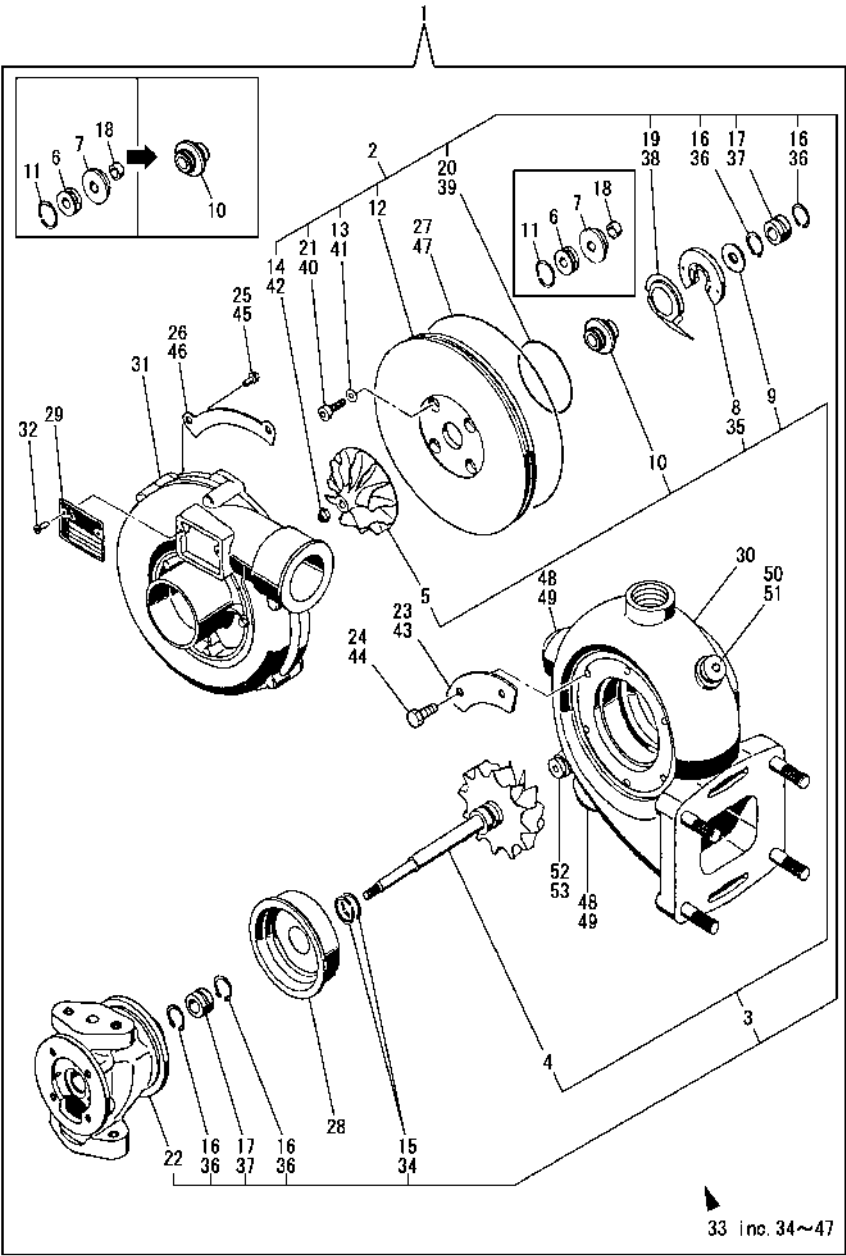
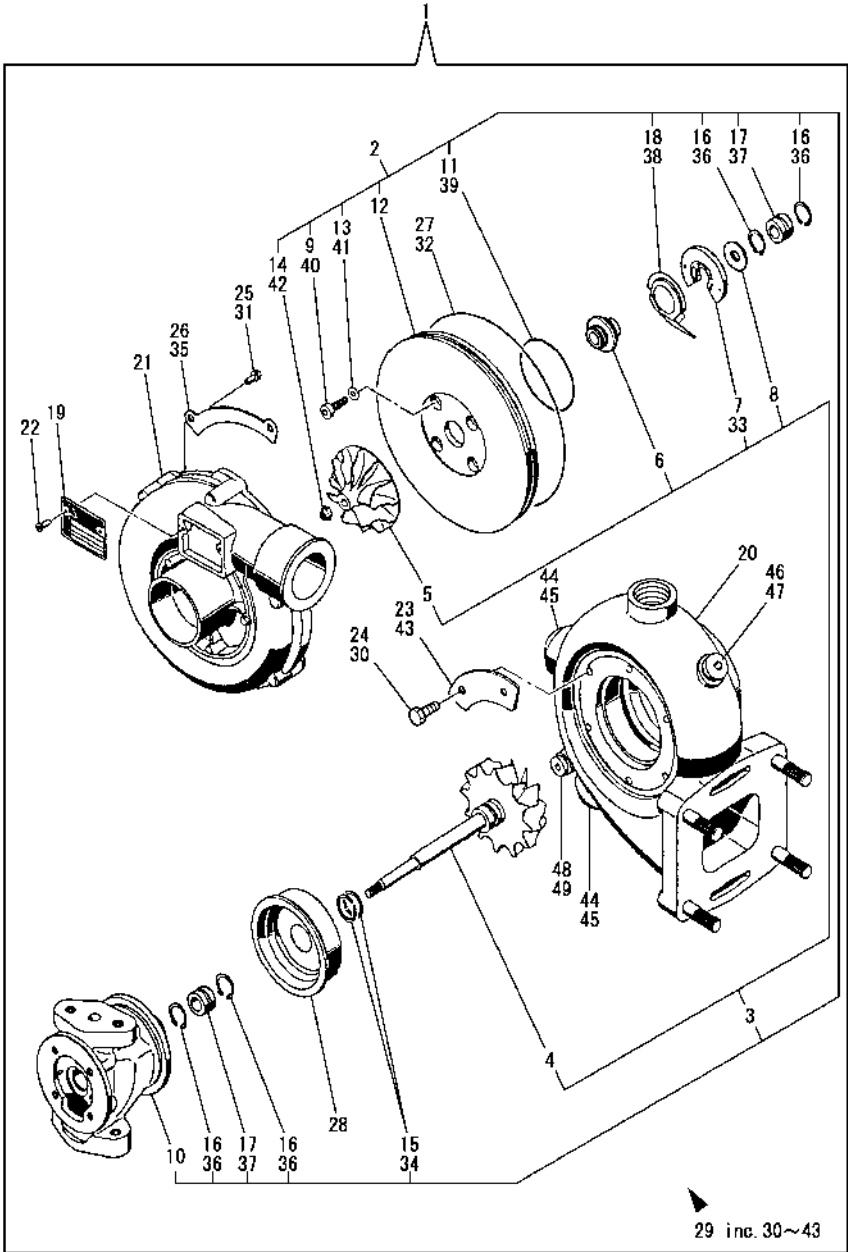


Fig.19. TURBOCHARGER COMPONENT PARTS(4LH-DTE)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119173-18011	TURBINE, K26			1					
2	2	X3267100058	CORE ASSY			1					
3	3	X3267101126	ROTOR ASSY			1					
4	4	X3261205001	SHAFT, M7 L179			1					
5	4	X3271232227	WHEEL			1					
6	4	X3261270407	SLEEVE			1					
7	4	X3261551305	BEARING, THRUST			1					
8	4	X3261240000	RING, THRUST			1					
9	3	X0035192601	BOLT, M6X16			4					
10	3	X3241500004	HOUSING, BEARING			1					
11	3	X2221580501	O-RING			1					
12	3	X3271515739	PLATE			1					
13	3	X3281593300	WASHER			4					
14	3	X3261285000	NUT, M17			1					
15	3	X3271270100	RING			2					
16	3	X3261570400	RING, SNAP			4					
17	3	X3261551003	BUSH			2					
18	3	X3261560800	DEFLECTOR			1					
19	2	X2227010001	LABEL, NAME PLATE			1					
20	2	X3261006423	HOUSING, TURBINE			1					
21	2	X3271015333	HOUSING, GOVERNOR			1					
22	2	X0036051051	RIVET			2					
23	2	X3261095805	PLATE			3					
24	2	X0035360328	BOLT, M8X14			6					
25	2	X0035355222	BOLT			8					
26	2	X3271095801	PLATE			4					
27	2	X3271580500	O-RING			1					
28	2	X3261652005	SHIELD, HEAT			1					
29	2	X3267110039	OVERHAUL KIT			1					
30	3	X0035360328	BOLT, M8X14			6					
31	3	X0035355222	BOLT			8					
32	3	X3271580500	O-RING			1					
33	3	X3261551305	BEARING, THRUST			1					
34	3	X3271270100	RING			2					
35	3	X3271095801	PLATE			4					
36	3	X3261570400	RING, SNAP			4					
37	3	X3261551003	BUSH			2					
38	3	X3261560800	DEFLECTOR			1					
39	3	X2221580501	O-RING			1					
40	3	X0035192601	BOLT, M6X16			4					
41	3	X3281593300	WASHER			4					
42	3	X3261285000	NUT, M17			1					
43	3	X3261095805	PLATE			3					
44	2	X9999900001	PLUG, M22XP2 (C=FROM 1ST)			2					W
45	2	X9999900004	WASHER, RING 27X22.5 (C=FROM 1ST)			2					W
46	2	X9999900002	PLUG, M13XP2 (C=FROM 1ST)			1					W
47	2	X9999900005	WASHER, 18X14 (C=FROM 1ST)			1					W

Fig.19. TURBOCHARGER COMPONENT PARTS(4LH-DTE)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
48	2	X9999900003	PLUG, M10XP2 (C=FROM 1ST)			1					W
49	2	X9999900006	WASHER, 15X10 (C=FROM 1ST)			1					W

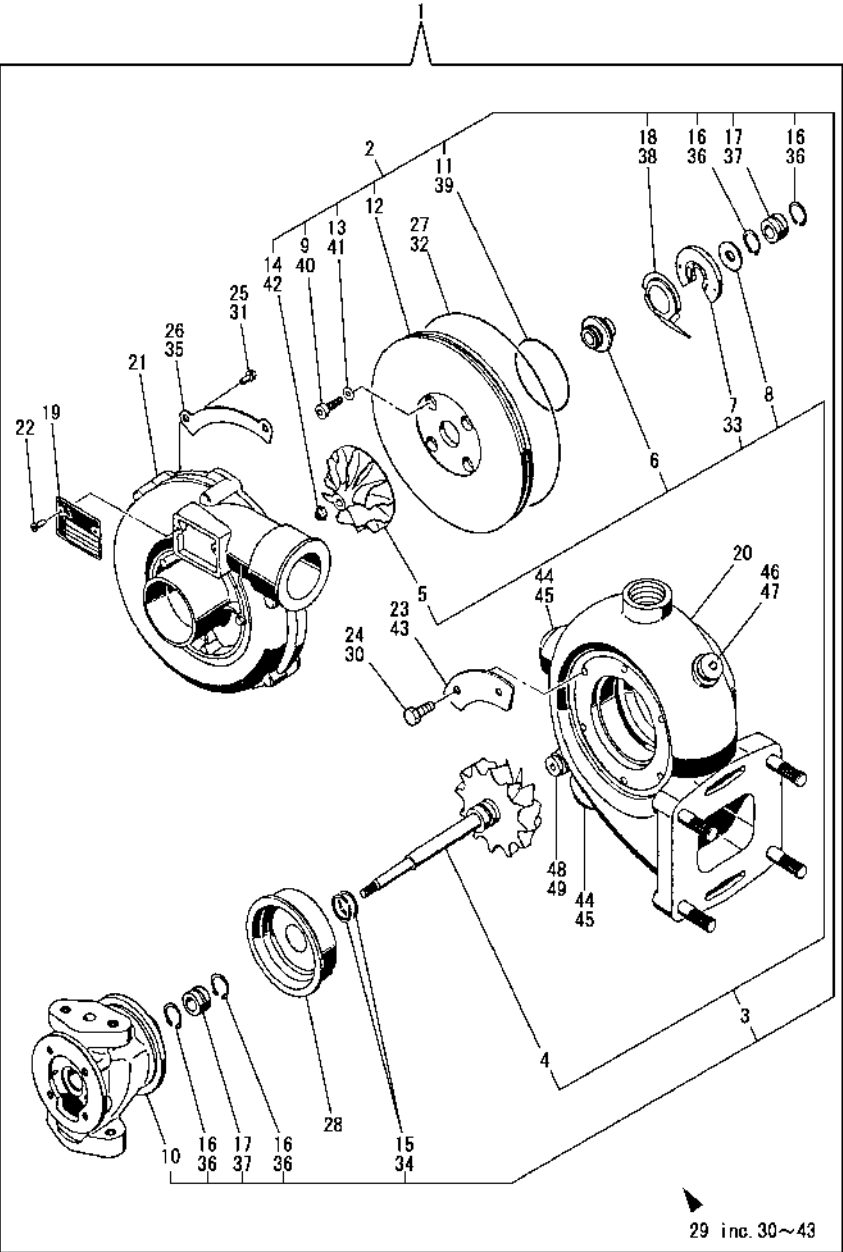


Fig.21. TURBOCHARGER COMPONENT PARTS(4LH-STE)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119195-18030	TURBINE, RHC61W				1				
2	2	XNH261320	SHAFT,TURBINE				1				
3	2	XNH261081	BUSH				1				
4	2	XNH261082	COVER				1				
5	2	XNN131576	RING, SEAL				1				
6	2	XNN171006	SEAL RING				1				
7	2	XNN971007	SEAL RING				1				
8	2	XNH261107	NUT,SHAFT END				1				
9	2	XNH265520	IMPELLER,COMPRESSOR				1				
10	2	XNN193012	PLATE, SEAL				1				
11	2	XNN263501	BEARING				2				
12	2	XNH263502	BEARING, THRUST				1				
13	2	XNH264962	HOUSING				1				
14	2	XNH164106	BRACKET				6				
15	2	XNH164105	BOLT M6				6				
16	2	XNE967430	HOUSING, TURBINE				1				
17	2	XNH163329	INSULATOR, SILENCER				1				
18	2	XNN137423	RETAINER				5				
19	2	XNN137007	BOLT, M8				5				
20	2	XNB133206	SCREW				4				
21	2	XNH163006	SCREW M4				3				
22	2	XNH163376	HOUSING, BEARING				1				
23	2	XNN977003	RETAINING RING				3				

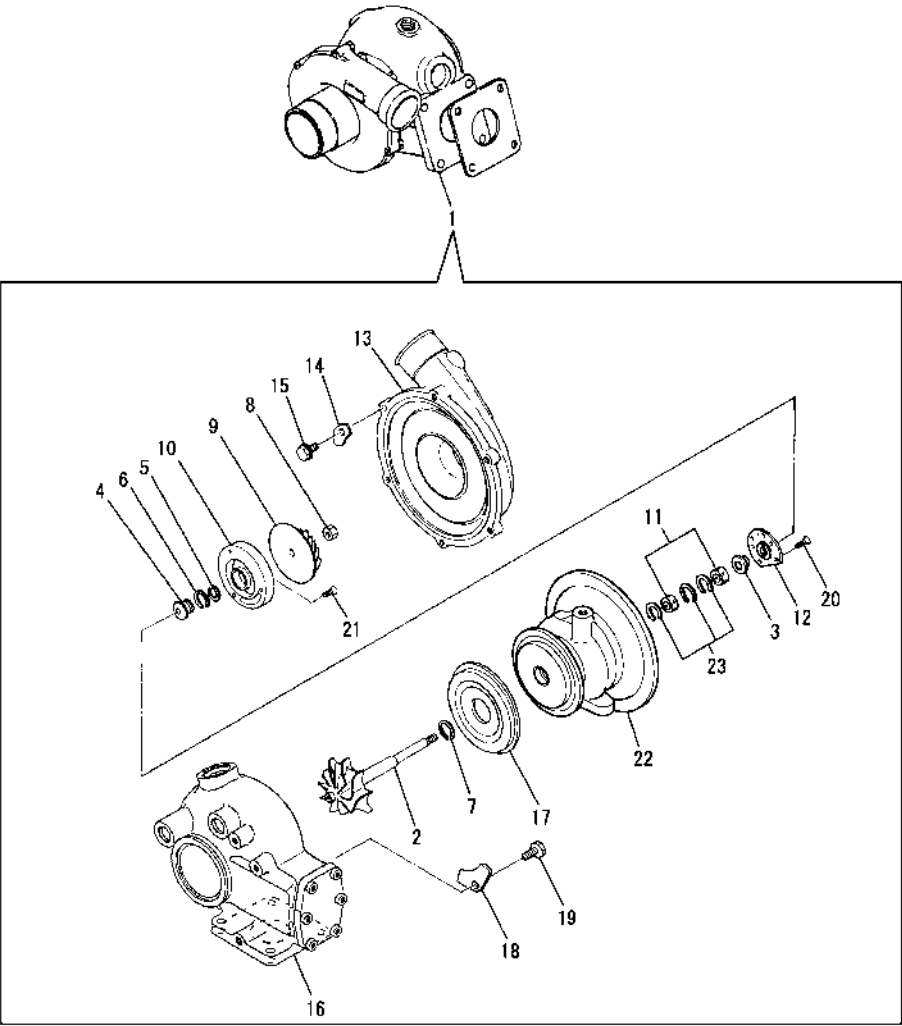


Fig.22. TURBOCHARGER COMPONENT PARTS(4LH-STE)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119195-18031	TURBINE, RHC61W				1				
2	2	XNH261301	TURBIN SHAFT ASSY				1				
3	2	XNH261081	BUSH				1				
4	2	XNH261082	COVER				1				
5	2	XNN131008	SEAL RING,BLOW.SIDE				1				
6	2	XNN171006	SEAL RING				1				
7	2	XNN971007	SEAL RING				1				
8	2	XNH261107	NUT,SHAFT END				1				
9	2	XNH265520	IMPELLER,COMPRESSOR				1				
10	2	XNN193012	PLATE, SEAL				1				
11	2	XNH263501	METAL,FLOATING				2				
12	2	XNH263502	BEARING, THRUST				1				
13	2	XNH264962	HOUSING				1				
14	2	XNH164106	BRACKET				6				
15	2	XNH164105	BOLT M6				6				
16	2	XNH167606	HOUSING,TURBINE				1				
17	2	XNH163329	INSULATOR, SILENCER				1				
18	2	XNH137423	RETAINER				5				
19	2	XNN137007	BOLT, M8				5				
20	2	XNB133206	SCREW				4				
21	2	XNH163006	SCREW M4				3				
22	2	XNH163376	HOUSING, BEARING				1				
23	2	XNN977003	RETAINING RING				3				

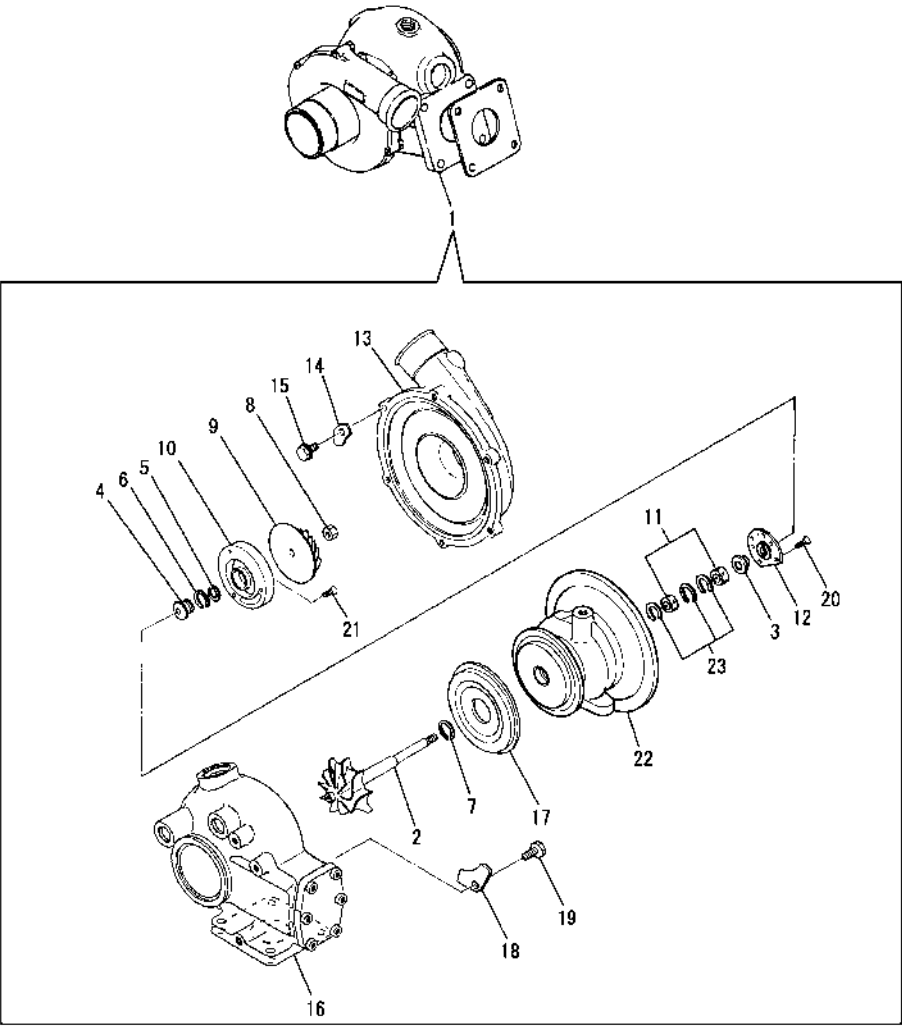
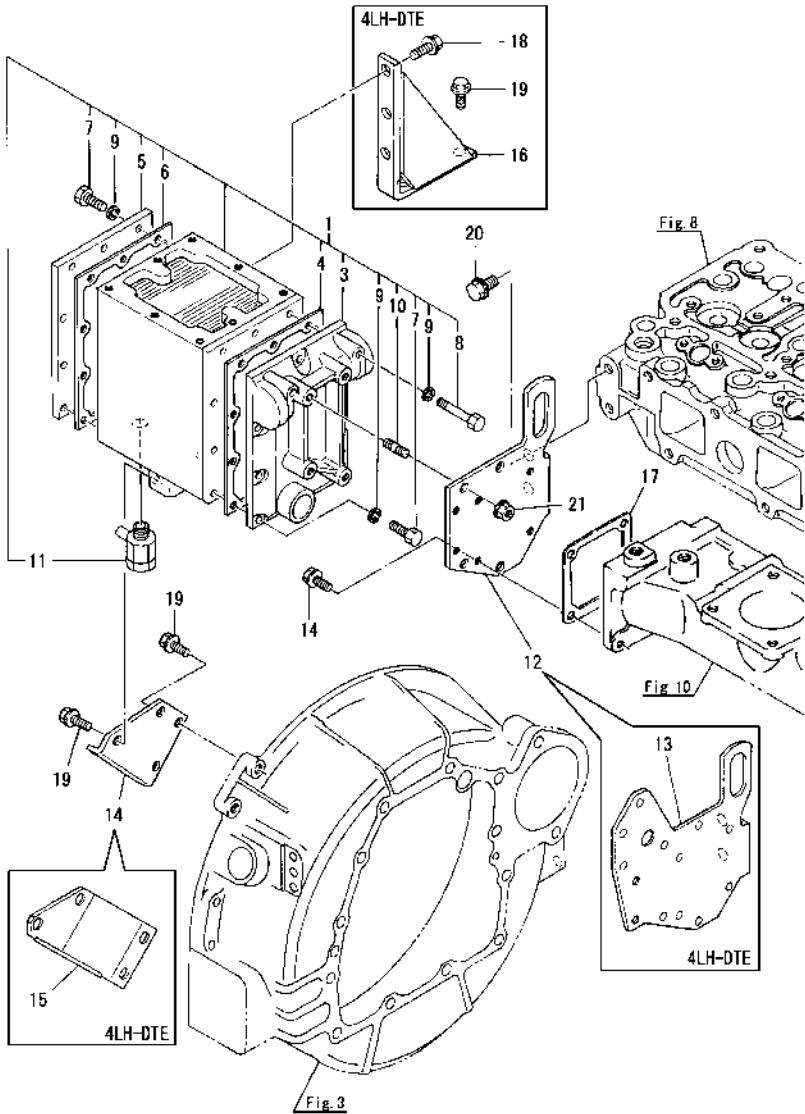


Fig.23. AIR COOLER(4LH-HTE,DTE)



Remarks
(1)Component parts:Refer to Fig.(23A)

							OCR10-M32504		Fig.23	
							(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE		(D)=4LH-STE (E)= (F)=	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty			I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	119172-18100	COOLER ASSY, INTER		1					
1-1	1	119172-18101	COOLER ASSY, INTER (B=EXXXXX)		1					N
1-2	1	119172-18102	COOLER ASSY, INTER (B=EXXXXX)		1					N 1
1A	1	119173-18100	COOLER ASSY, INTER			1				
1A-1	1	119173-18101	COOLER ASSY, INTER (C=EXXXXX)			1				N
1A-2	1	119173-18102	COOLER ASSY, INTER (C=EXXXXX)			1				N 1
3	2	119172-18210	TANK		1	1				
4	2	119172-18220	GASKET		1	1				
4-1	2	119172-18221	GASKET (B=EXXXXX) (C=EXXXXX)		1	1				N
5	2	119172-18230	TANK		1					
5A	2	119173-18230	TANK			1				
6	2	119172-18240	GASKET		1	1				
6-1	2	119172-18241	GASKET (B=EXXXXX) (C=EXXXXX)		1	1				N
7	2	26116-060352	BOLT, M6X 35 PLATED		18					
7-1	2	26116-060352	BOLT, M6X 35 PLATED (B=*1989.08)		19	19				K
7-2	2	119172-18270	BOLT, M6X35 (B=*2001.06) (C=*2001.06)		19	19				N
8	2	119172-18250	BOLT, M6X65		2					
8-1	2	119172-18250	BOLT, M6X65 (B=*1989.08)		1	1				K
9	2	22217-060000	WASHER, SPRING 6		20	20				
9-1	2	119172-18260	WASHER, SPRING 6 (B=*2001.06) (C=*2001.06)		20	20				N
10	2	26216-080162	STUD, M8X 16		2	4				
11	2	120130-49350	COCK, 1/4			1				
11-1	2	119620-49290	COCK ASSY, 1/4 (C=E24537)			1				N
12	1	119172-18500	BRACKET		1					
13	1	119173-18500	BRACKET			1				
13-1	1	119173-18501	BRACKET (C=E22467)			1				N
14	1	119172-18550	SUPPORT		1					
15	1	119173-18550	SUPPORT			1				
16	1	119173-18560	SUPPORT			1				
16-1	1	119173-18561	SUPPORT (C=E22584)			1				N
16-2	1	119173-18562	SUPPORT (C=E22819)			1				N
17	1	121850-77020	GASKET		1	1				
17-1	1	121850-77021	GASKET (B=EXXXXX) (C=EXXXXX)		1	1				N
18	1	26106-080162	BOLT, M8X 16 PLATED		4	4				
19	1	26106-080202	BOLT, M8X 20 PLATED		4	6				
20	1	26106-100202	BOLT, M10X 20 PLATED		2	2				

N:Old
NO

New

Q:Old
NO

New

R:Old
YES

New

S:Old
NO

New

W:Add

Z:Discontinued

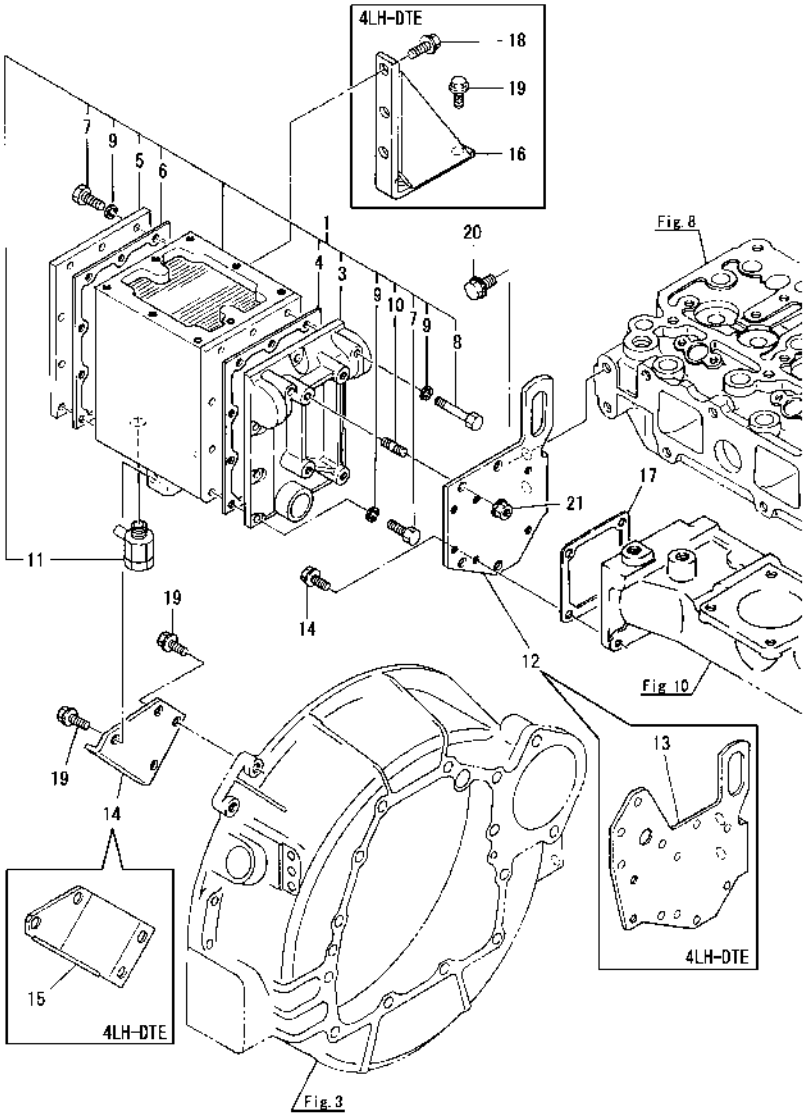
F:Interchangeable by set

K:Q'ty Change

++ CONTINUE ++

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Fig.23. AIR COOLER(4LH-HTE,DTE)



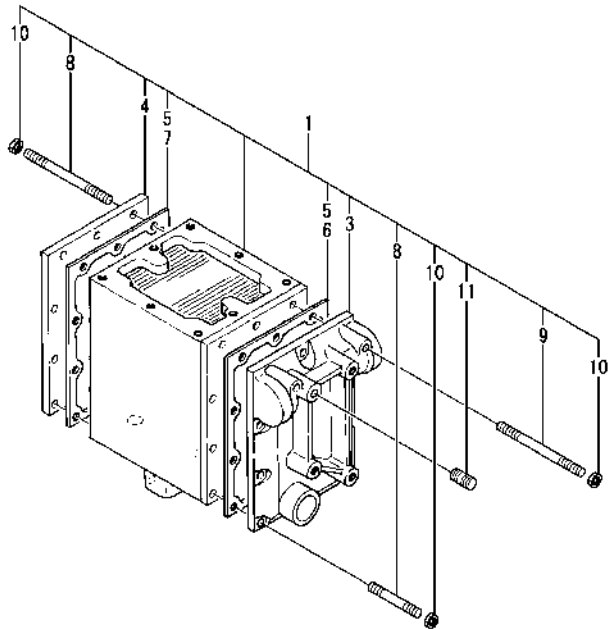
				OCR10-M32504 Fig.23					
				(A)=4LH-TE		(D)=4LH-STE			
				(B)=4LH-HTE		(E)=			
				(C)=4LH-DTE		(F)=			
No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
21	1	26366-080002	NUT, M8		2	4			
21-1	1	26306-080002	NUT, M8		2	4			N
(B=EXXXXX) (C=EXXXXX)									

Remarks
(1)Component parts:Refer to Fig.(23A)

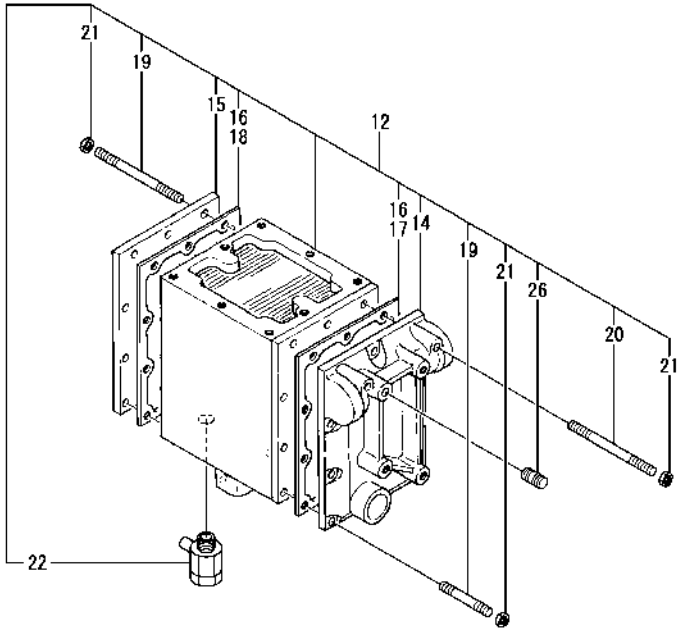
Fig.95. (23A)AIR COOLER COMPONENT PARTS(4LH-HTE,DTE)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



4LH-HTE
4LH-DTE

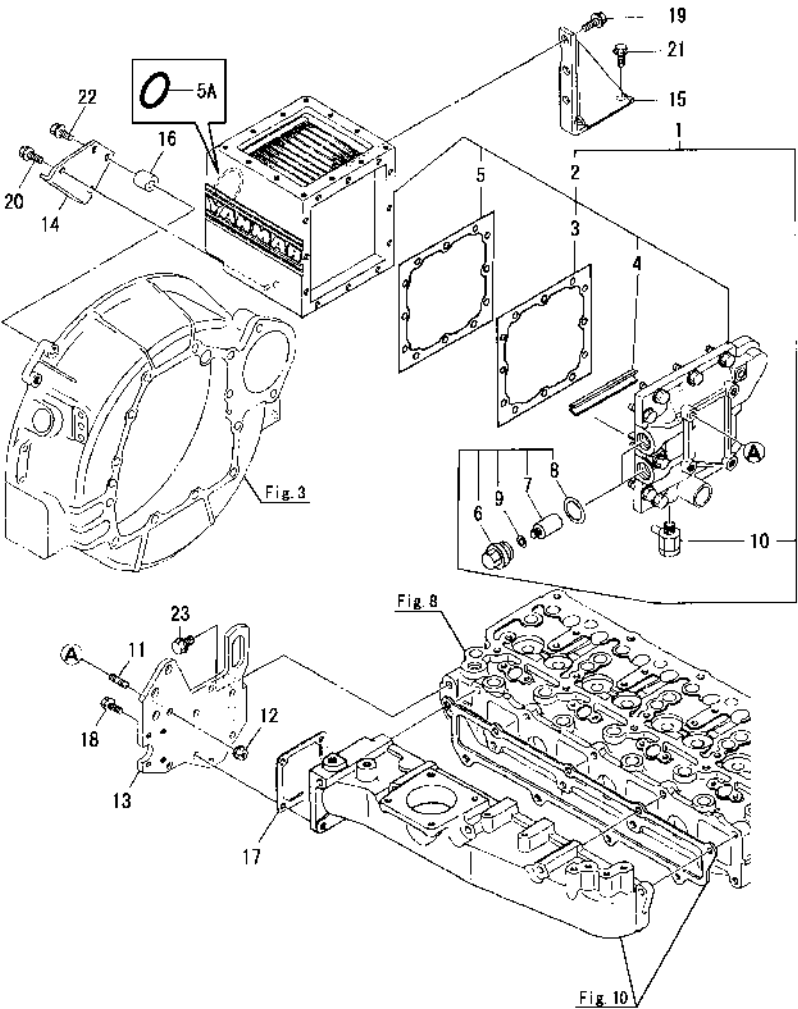


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119172-18102	COOLER ASSY, INTER		1						
3	2	119172-18210	TANK		1						
4	2	119172-18230	TANK		1						
5	2	119172-18280	SPACER		2						
6	2	119172-18290	GASKET		1						
7	2	119172-18300	GASKET		1						
8	2	127492-18460	STUD, M6X45		19						
9	2	127492-18470	STUD, M6X75		1						
10	2	127492-18480	NUT, M6		20						
11	2	26216-080162	STUD, M8X 16		2						
12	1	119173-18102	COOLER ASSY, INTER			1					
14	2	119172-18210	TANK			1					
15	2	119172-18230	TANK			1					
16	2	119172-18280	SPACER			2					
17	2	119172-18290	GASKET			1					
18	2	119172-18300	GASKET			1					
19	2	127492-18460	STUD, M6X45			19					
20	2	127492-18470	STUD, M6X75			1					
21	2	127492-18480	NUT, M6			20					
22	2	119620-49290	COCK ASSY, 1/4			1					
26	2	26216-080162	STUD, M8X 16			4					

Fig.24. AIR COOLER(4LH-STE)

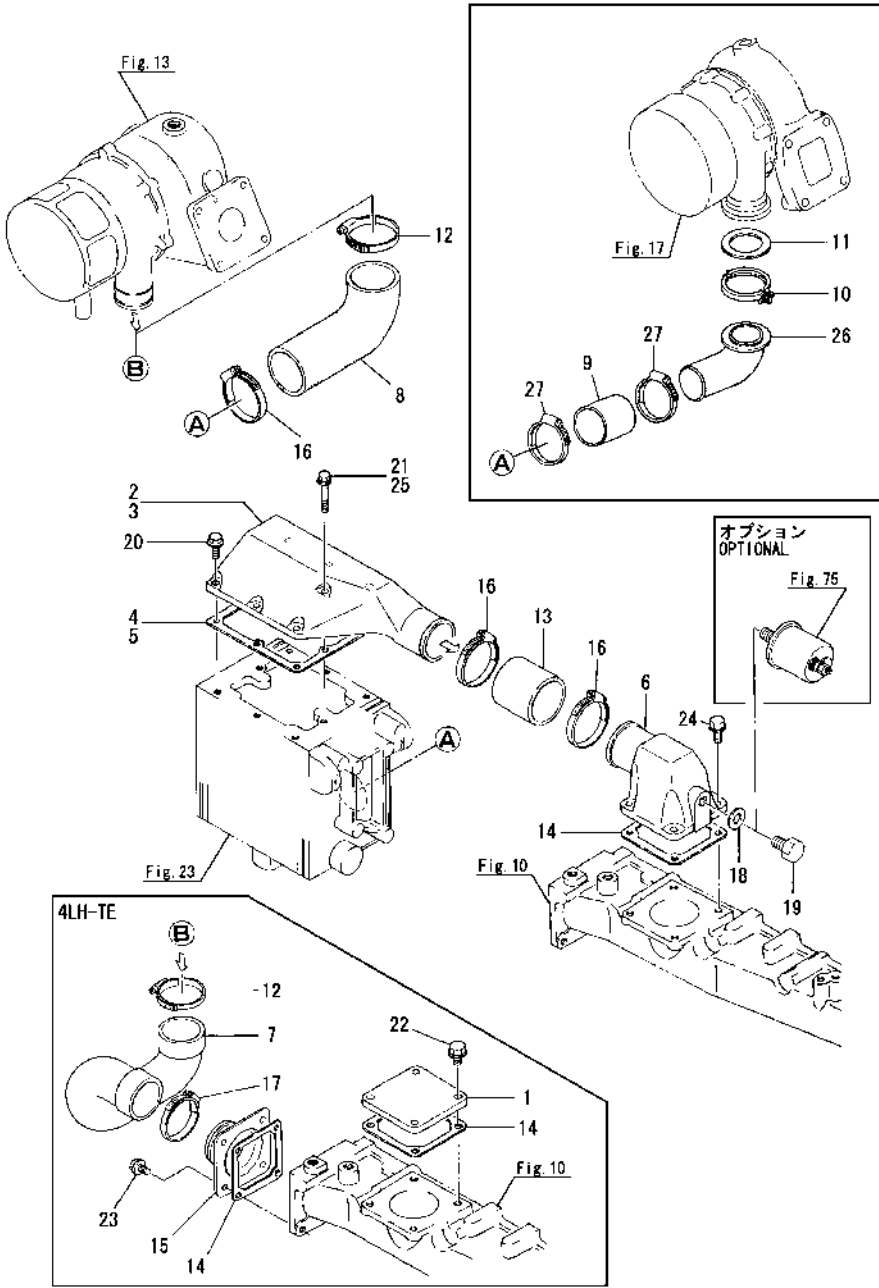
(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719174-18200	COOLER ASSY, INTER				1				
2	2	119174-18102	COOLER ASSY, INTER				1				
3	3	119174-18240	GASKET				1				W
4	3	119174-18250	GASKET (D=*1996.09)				1				W
5	3	119174-18260	GASKET (D=*1996.09)				1				W
5A	3	119174-18270	O-RING, 4D P58 (D=*1996.09)				1				W
6	2	119593-18370	PLUG				2				
7	2	177301-54900	ZINC, ANTI-CORROSIVE				2				
8	2	23414-240000	GASKET, 24X1.0				2				
9	2	123210-09310	GASKET				2				
10	2	120130-49350	COCK, 1/4				1				
10-1	2	119620-49290	COCK ASSY, 1/4 (D=E52458)				1				N
11	1	26216-080162	STUD, M8X 16				4				
12	1	26366-080002	NUT, M8				4				
12-1	1	26306-080002	NUT, M8 (D=EXXXXX)				4				N
13	1	119173-18501	BRACKET				1				
14	1	119172-18550	SUPPORT				1				
15	1	119173-18561	SUPPORT				1				
15-1	1	119173-18562	SUPPORT (D=E50407)				1				N
16	1	119187-18810	SPACER				2				
17	1	121850-77021	GASKET				1				
18	1	26106-080162	BOLT, M8X 16 PLATED				4				
19	1	26106-080162	BOLT, M8X 16 PLATED				3				
20	1	26106-080202	BOLT, M8X 20 PLATED				2				
21	1	26106-080202	BOLT, M8X 20 PLATED				2				
22	1	26106-080452	BOLT, M8X 45 PLATED				2				
23	1	26106-100202	BOLT, M10X 20 PLATED				2				

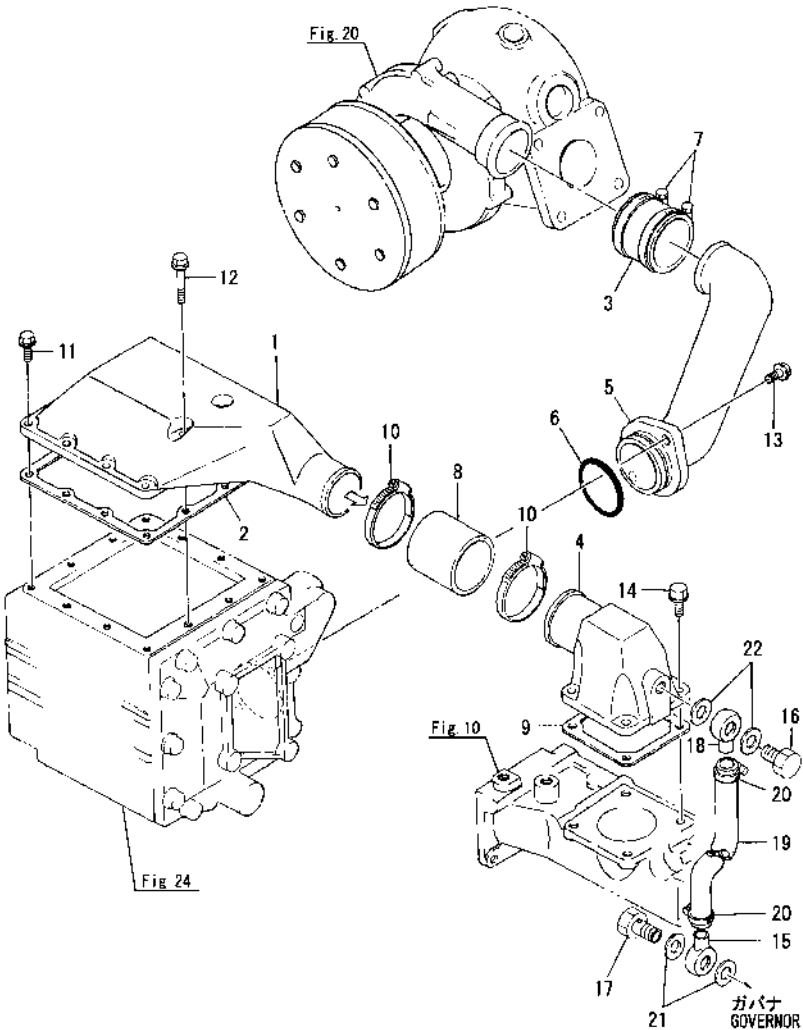
Fig.25. AIR DUCT



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119100-12120	COVER, MANIFOLD	1							
2	1	119172-18110	DUCT, AIR		1						
3	1	119173-18110	DUCT, AIR			1					
4	1	119172-18120	GASKET		1						
4-1	1	119172-18121	GASKET (B=*1991.01)		1					N	
5	1	119173-18120	GASKET, COOLER			1					
5-1	1	119173-18121	GASKET, COOLER (C=*1991.01)			1				N	
6	1	119172-18140	DUCT, AIR		1	1					
7	1	119171-18150	HOSE, RUBBER	1							
8	1	119172-18150	HOSE, RUBBER		1						
9	1	119173-18130	HOSE, RUBBER			1					
10	1	119173-18700	BAND, 73			1					
11	1	119173-18800	GASKET			1					
12	1	127488-18910	CLIP, HOSE	1	1						
13	1	127610-49430	JOINT, RUBBER		1	1					
14	1	121850-77020	GASKET	2	1	1					
14-1	1	121850-77021	GASKET (A=*1990.08) (B=*1990.08) (C=*1990.08)	2	1	1				N	
15	1	121850-77100	CAPSULE	1							
16	1	23000-060000	CLAMP, 60		3	2					
17	1	23000-080000	CLAMP, 80	1							
18	1	23414-120000	GASKET, 12X1.0		1	1					
19	1	23887-120002	PLUG, 12		1	1					
20	1	26106-060202	BOLT, M6X 20 PLATED		7	9					
21	1	26106-060452	BOLT, M6X 45 PLATED		1						
22	1	26106-080142	BOLT, M8X 14 PLATED	4							
23	1	26106-080142	BOLT, M8X 14 PLATED	4							
24	1	26106-080202	BOLT, M8X 20 PLATED		4	4					
25	1	26106-060552	BOLT, M6X 55 PLATED			1					
26	1	119173-18160	DUCT, AIR			1					
27	1	23000-070000	CLAMP, 70			2					

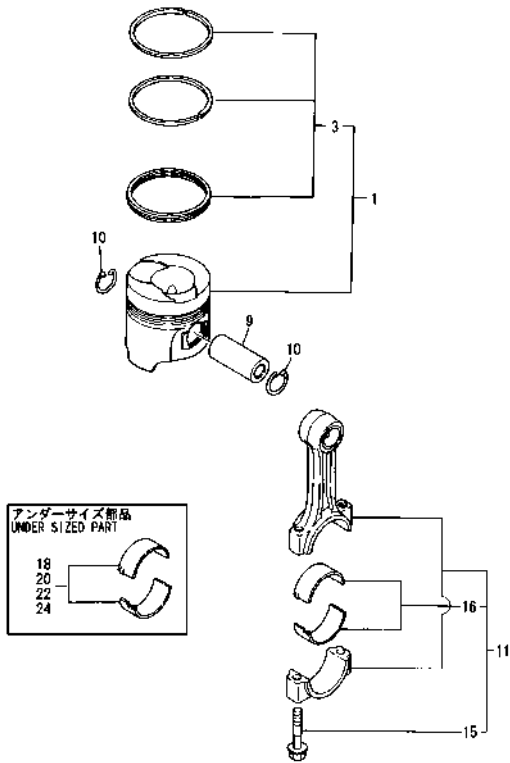
(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119174-18110	DUCT, AIR				1				
2	1	119174-18120	GASKET, COOLER				1				
3	1	119174-18130	HOSE, AIR DUCT				1				
4	1	119172-18140	DUCT, AIR				1				
5	1	119174-18160	DUCT, AIR				1				
6	1	119174-18170	O-RING				1				
7	1	127488-18910	CLIP, HOSE				2				
8	1	127610-49430	JOINT, RUBBER				1				
9	1	121850-77021	GASKET				1				
10	1	23000-060000	CLAMP, 60				2				
11	1	26106-060202	BOLT, M6X 20 PLATED				10				
12	1	26106-060502	BOLT, M6X 50 PLATED				2				
12-1	1	26106-080452	BOLT, M8X 45 PLATED				2			N	
(D=EXXXXX)											
13	1	26106-080202	BOLT, M8X 20 PLATED				2				
14	1	26106-080202	BOLT, M8X 20 PLATED				4				
15	1	129590-18520	JOINT				1				
16	1	103854-39140	BOLT, PIPE JOINT				1				
17	1	124160-39140	BOLT, PIPE JOINT M10				1				
18	1	104264-59020	JOINT				1				
19	1	119370-59040	PIPE, FUEL				1				
19-1	1	119174-18040	JOINT, RUBBER				1			N	
(D=EXXXXX)											
20	1	23000-013000	CLAMP, 13				2				
20-1	1	124766-59050	CLIP, HOSE 12				2			R	
(D=EXXXXX)											
21	1	23414-100000	GASKET, 10X1.0				2				
22	1	23414-120000	GASKET, 12X1.0				2				

Fig.28. PISTON & CONNECTING ROD



Remarks
(1)Under sized(U.S.=0.25)parts.
(2)Under sized(U.S.=0.50)parts.
(3)When replacing the four cylinders, they must all be replaced at the same time,in order to be used as replacements for the old parts.
(4)Changed piston pin metal.
(5)Interchangeable by simultaneous replacement with Ref.No.1-1,3-1.
(6)Interchangeable by simultaneous replacement with Fig.8 No.14A-1.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-22000	PISTON ASSY	4	4						
1-1	1	119171-22001	PISTON ASSY	4	4					S	5
(A=E10217) (B=E20484)											
1A	1	119173-22000	PISTON ASSY			4					
1A-1	1	119173-22001	PISTON ASSY			4				S	6
(C=*1989.10)											
1B	1	119181-22080	PISTON ASSY				4				
1B-1	1	119181-22081	PISTON ASSY				4			N	
(D=E53043)											
3	2	719000-22500	RING SET, PISTON	4	4						
3-1	2	719187-22501	RING SET, PISTON	4	4	4				S	5
(A=E10217) (B=E20484)											
3-2	2	719187-22502	RING SET, PISTON	4	4	4	4			N	
(A=*1992.02) (B=*1992.02) (C=*1992.02)											
9	1	119000-22300	PIN, PISTON	4	4						
9A	1	119173-22300	PIN, PISTON			4	4				
10	1	22252-000340	RING, 34	8	8						
10A	1	22252-000370	RING, 37			8	8				
11	1	719171-23100	ROD ASSY, CONNECTING	4	4						
11-1	1	719171-23101	ROD ASSY, CONNECTING	4	4					N	4
(A=E10823) (B=E21638)											
11A	1	719173-23100	ROD ASSY, CONNECTING			4					
11A-1	1	719174-23100	ROD ASSY, CONNECTING			4	4			S	3
(C=*1991.08)											
15	2	121850-23200	BOLT, CONNECTING ROD	8	8	8	8				
16	2	719000-23600	BEARING, CRANK PIN	4	4						
16A	2	719173-23600	BEARING, CRANK PIN			4					
16A-1	2	719174-23600	BEARING, CRANK PIN			4	4			S	3
(C=*1991.08)											
16A-2	2	719174-23601	CRANK-PIN METAL			4	4			R	3
(C=EXXXXX) (D=EXXXXX)											
18	1	719000-23610	BEARING ASSY, 0.25	4	4						1
20	1	719172-23610	METAL ASSY, 0.25			4					1
22	1	119172-23400	METAL ASSY, 0.50	4	4						2
24	1	119172-23310	METAL ASSY, 0.50			4					2

Fig.29. LUB. OIL PUMP

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119000-32000	PUMP ASSY, OIL	1	1						
1-1	1	119000-32001	PUMP ASSY, OIL	1	1	1	1				N
		(A=*1987.07)	(B=*1987.07)								
2	1	119000-32020	GASKET, PUMP	1	1	1	1				
3	1	26106-080162	BOLT, M8X 16 PLATED	1	1	1	1				
4	1	26106-080502	BOLT, M8X 50 PLATED	1	1	1	1				
5	1	119187-32000	PUMP ASSY, OIL				1	1			
6	1	24341-000800	O-RING, 1AS80.0				1	1			
7	1	26106-080252	BOLT, M8X 25 PLATED				1	1			
8	1	26106-080452	BOLT, M8X 45 PLATED				1	1			
9	1	26106-080552	BOLT, M8X 55 PLATED				1	1			
10	1	26106-080702	BOLT, M8X 70 PLATED				1	1			

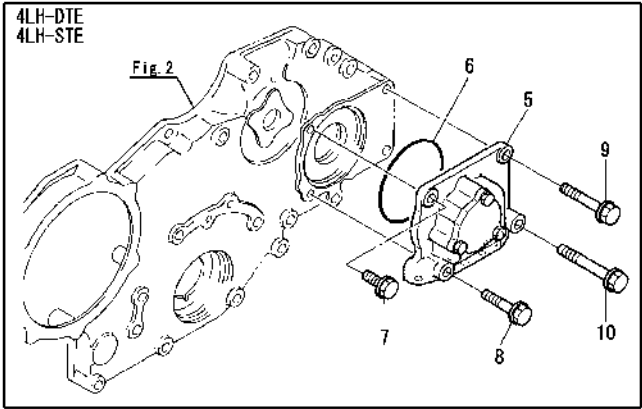
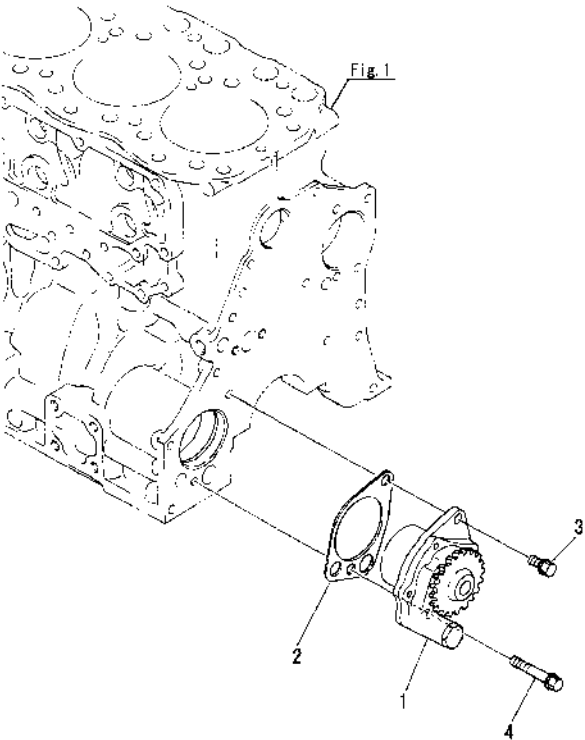
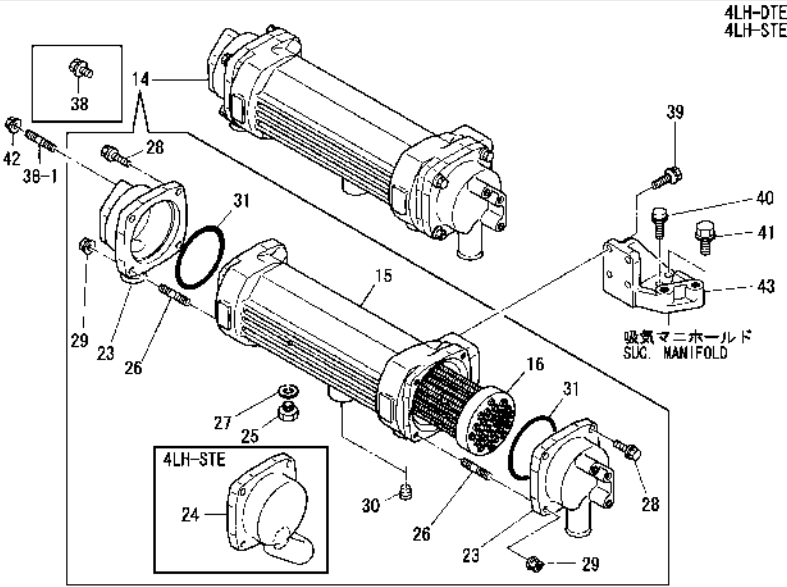
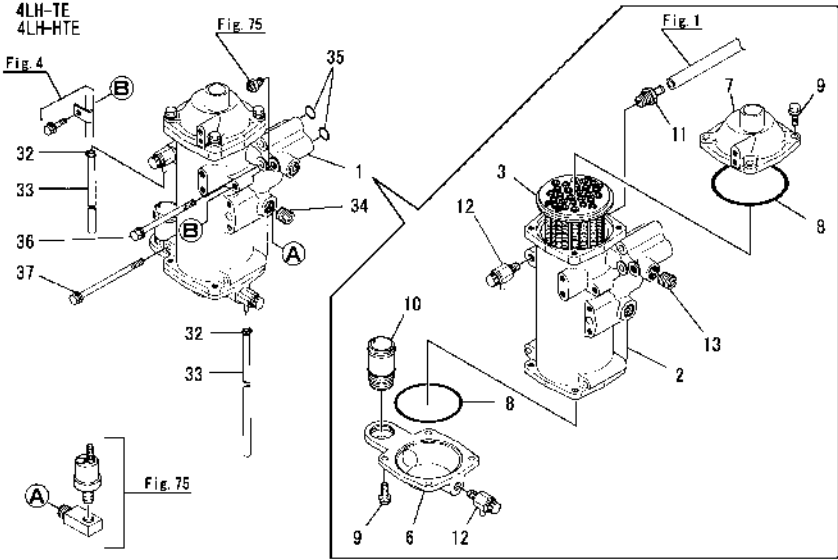


Fig.30. LUB. OIL COOLER

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

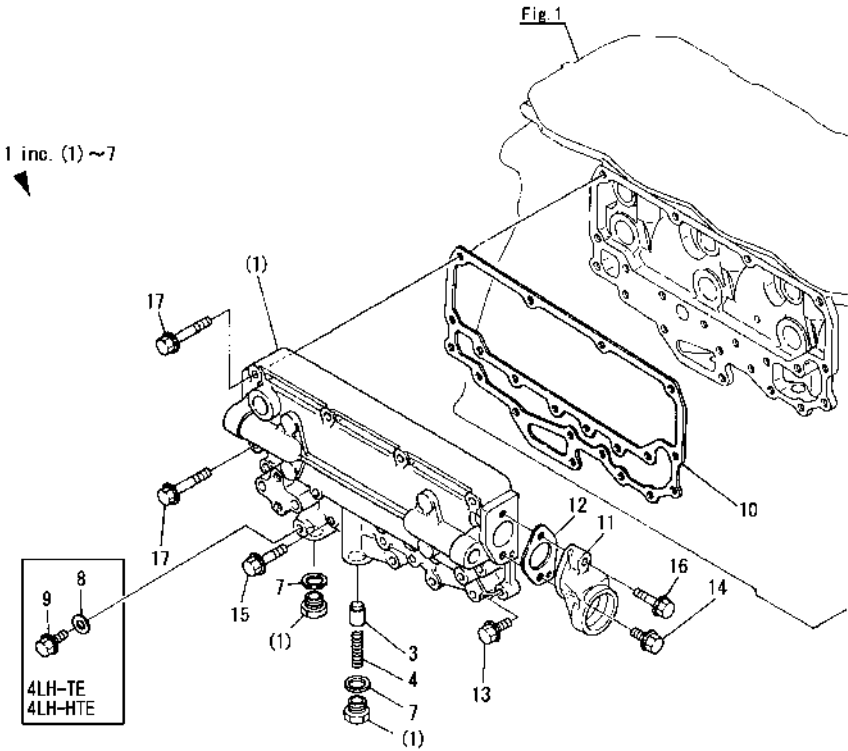
(D)=4LH-STE
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119182-33000	COOLER ASSY, OIL	1	1						
2	2	119171-33020	BODY, OIL COOLER	1	1						
3	2	119171-33050	CORE ASSY	1	1						
6	2	119171-33100	COVER	1	1						
7	2	119171-33160	COVER	1	1						
8	2	24311-000900	O-RING, 1AP90.0	2	2						
9	2	26106-080222	BOLT, M8X 22 PLATED	8	8						
10	2	123678-49421	JOINT, PIPE	1	1						
11	2	121550-49111	JOINT, PT1/4	1	1						
12	2	120130-49350	COCK, 1/4	2	2						
13	2	23875-030000	PLUG, R03	1	1						
14	1	719173-33700	COOLER ASSY, OIL			1					
14A	1	719184-33700	COOLER ASSY, OIL				1				
15	2	119173-33010	BODY, OIL COOLER			1	1				
16	2	127487-33190	PIPE ASSY, COOLING			1	1				
23	2	119173-33100	COVER, COOLER			2	1				
24	2	119174-33100	COVER, COOLER				1				
25	2	135400-01790	PLUG			1	1				
26	2	121850-01920	STUD, 2D8X22			4	4				
27	2	23414-100000	GASKET, 10X1.0			1	1				
28	2	26106-080252	BOLT, M8X 25 PLATED			4	4				
29	2	26366-080002	NUT, M8			4	4				
29-1	2	26306-080002	NUT, M8			4	4				N
			(C=EXXXXX) (D=EXXXXX)								
30	2	23876-040000	PLUG, R04			2	2				
31	2	24311-000900	O-RING, 1AP90.0			2	2				
32	1	124460-77680	RETAINER	2	2						
33	1	23061-070300	PIPE, 7X 300	2	2						
34	1	23875-030000	PLUG, R03	1	1						
35	1	24311-000180	O-RING, 1AP18.0	2	2						
36	1	26106-081002	BOLT, M8X100 PLATED	2	2						
37	1	26106-081202	BOLT, M8X120 PLATED	2	2						
38	1	26106-080202	BOLT, M8X 20 PLATED			3					
38-1	1	26212-080162	STUD M 8X 16			3	3			F	1
			(C=*1992.02)								
39	1	26106-080252	BOLT, M8X 25 PLATED			4	4				
40	1	26106-080252	BOLT, M8X 25 PLATED			2	2				
41	1	26106-100252	BOLT, M10X 25 PLATED			1	1				
42	1	26366-080002	NUT, M8			3	3				W
			(C=*1992.02)								
43	1	119173-33150	BRACKET			1	1				

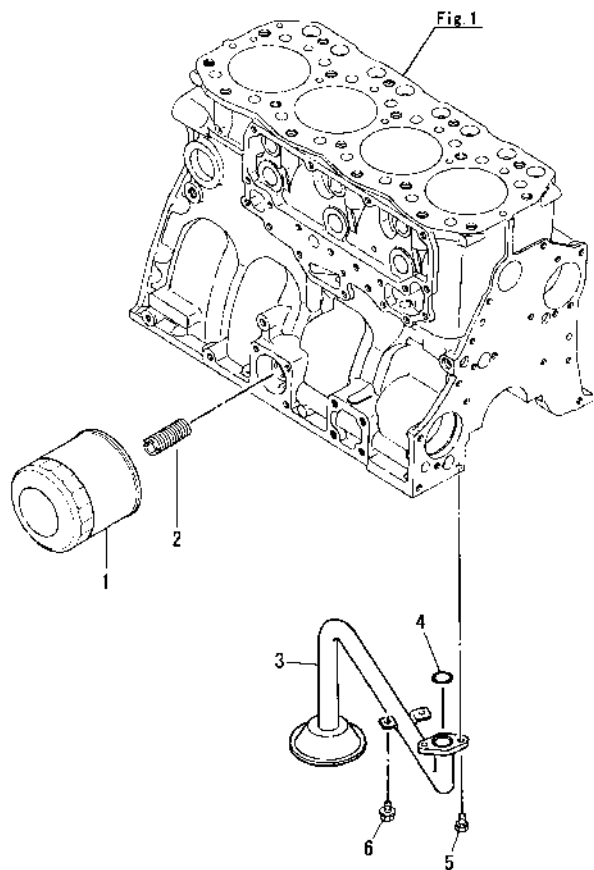
Remarks
(1)Interchangeable by simultaneous replacement with Ref.No.42.

Fig.31. LUB. OIL COOLER HOUSINGG



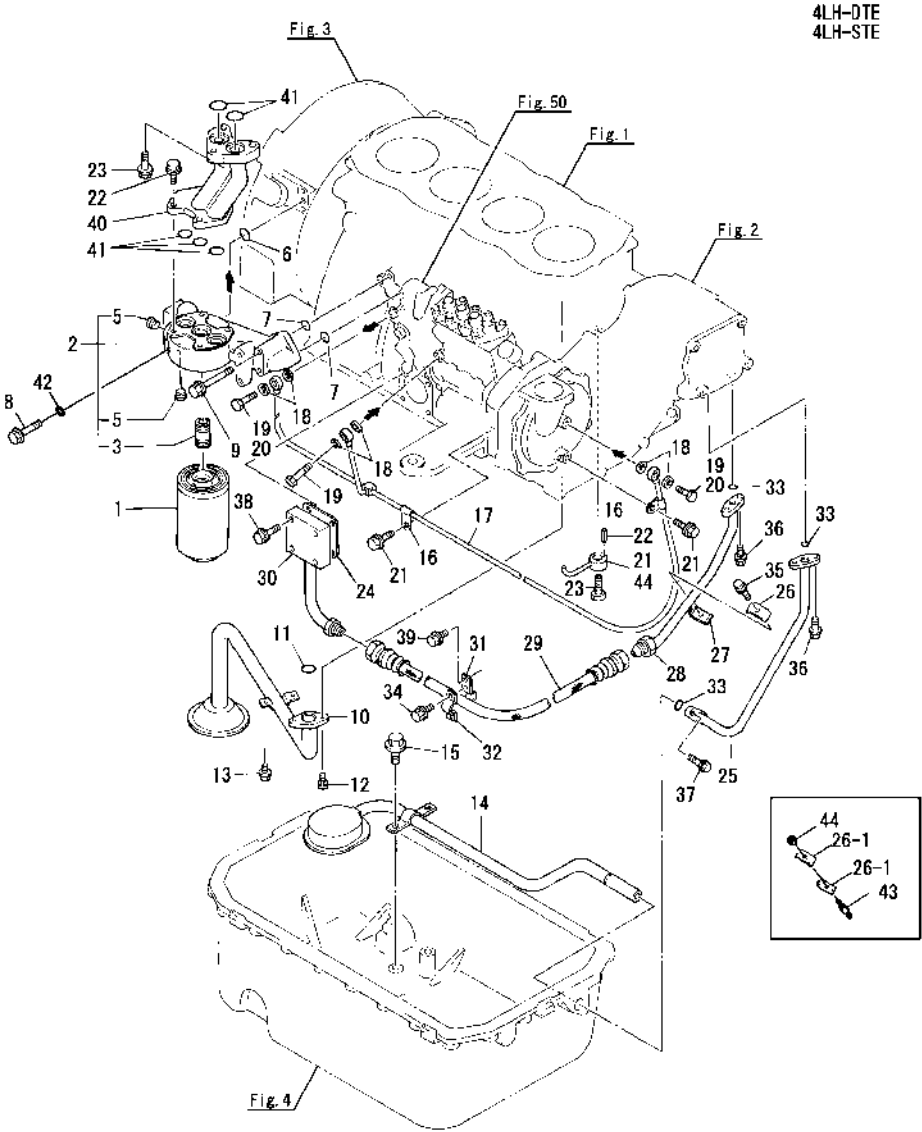
				OCR10-M32504				Fig.31	
				(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE		(D)=4LH-STE (E)= (F)=			
No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	719171-33100	CASE ASSY, COOLER	1	1	1	1		
3	2	119000-34030	VALVE, CONTROL	1	1	1	1		
4	2	124411-35520	SPRING	1	1	1	1		
7	2	23414-180000	GASKET, 18X1.0	2	2	2	2		
8	1	23414-080000	GASKET, 8X1.0	1	1				
9	1	26106-080122	BOLT, M8X 12 PLATED	1	1				
10	1	119000-33020	GASKET	1	1	1			
10-1	1	119000-33021	GASKET	1	1	1			N
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX)									
10-2	1	119000-33022	GASKET	1	1	1	1		N
(A=E10724) (B=E21492) (C=E22147)									
11	1	119000-33030	BEND	1	1	1	1		
12	1	119000-33040	GASKET	1	1	1			
12-1	1	119000-33041	GASKET	1	1	1	1		N
(A=*1990.09) (B=*1990.09) (C=*1990.09)									
13	1	26106-080202	BOLT, M8X 20 PLATED	3	3	3	3		
14	1	26106-080202	BOLT, M8X 20 PLATED	1	1	1	1		
15	1	26106-080352	BOLT, M8X 35 PLATED	8	8	8	8		
16	1	26106-080352	BOLT, M8X 35 PLATED	1	1	1	1		
17	1	26106-080502	BOLT, M8X 50 PLATED	10	10	10	10		

Fig.32. LUB. OIL SYSTEM(4LH-TE,HTE)



No.	Lev.	Parts No.	Description	(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE		(D)=4LH-STE (E)= (F)=				I R
				(A)	(B)	Q'ty (C)	(D)	(E)	(F)	
1	1	119100-35100	FILTER, OIL	1	1					
1-1	1	119005-35100	FILTER, D80X100L	1	1					R
		(A=*1991.05)	(B=*1991.05)							
1-2	1	119005-35160	FILTER, OIL 80X100L	1	1					R
		(A=EXXXXX)	(B=EXXXXX)							
2	1	119000-35140	BOLT, FILTER	1	1					
3	1	119100-35090	PIPE ASSY, OIL INLET	1	1					
4	1	24311-000220	O-RING, 1AP22.0	1	1					
5	1	26013-080162	BOLT, M8X 16	2	2					
6	1	26106-080162	BOLT, M8X 16 PLATED	2	2					

Fig.33. LUB. OIL SYSTEM(4LH-DTE,STE)

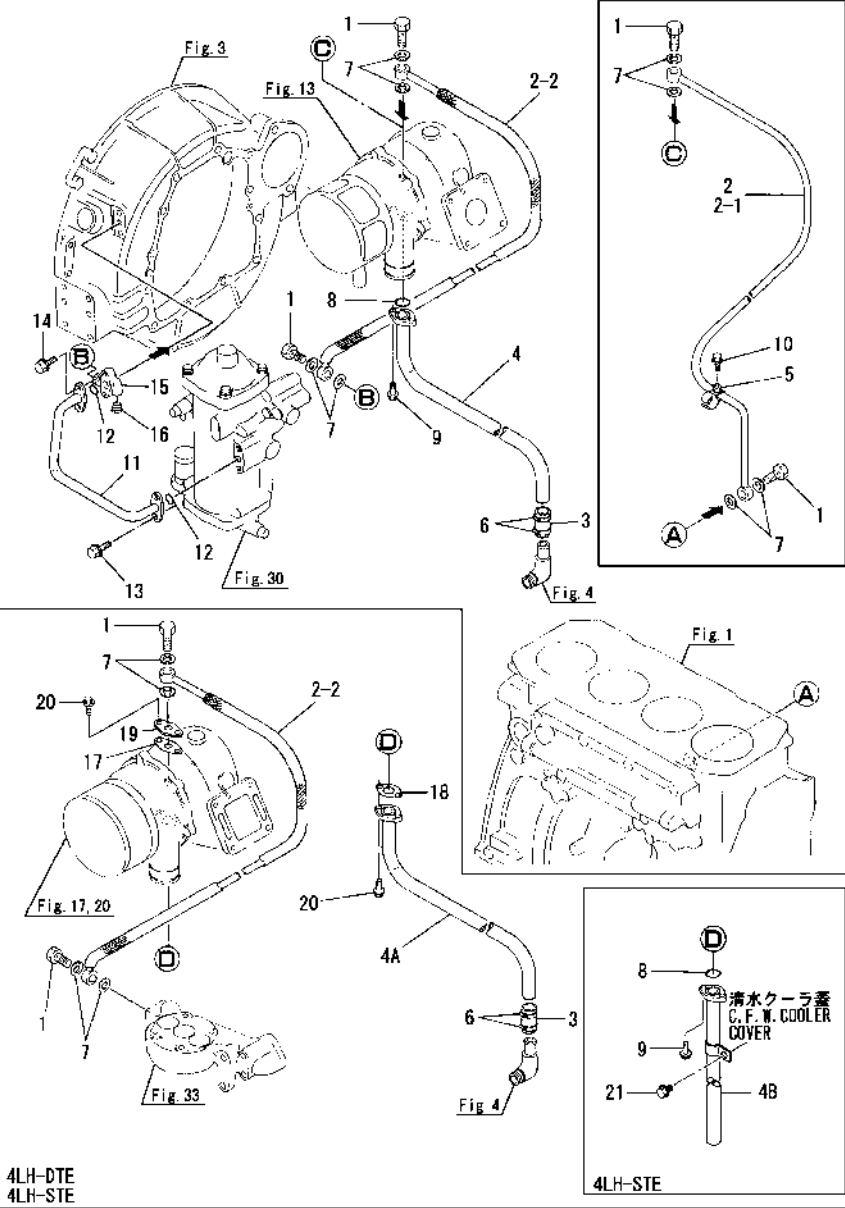


4LH-DTE
4LH-STE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	127488-35150	FILTER, OIL			1					
1-1	1	127695-35150	FILTER, OIL (C=*1990.07)			1	1				R
2	1	119173-35140	BRACKET, FILTER			1	1				
3	2	124610-35140	BRACKET			1	1				
5	2	23876-030000	PLUG, R03			2	2				
6	1	24311-000120	O-RING, 1AP12.0			1	1				
7	1	24311-000180	O-RING, 1AP18.0			2	2				
8	1	26106-080452	BOLT, M8X 45 PLATED			2	2				
8-1	1	26106-080502	BOLT, M8X 50 PLATED (C=EXXXXX) (D=EXXXXX)			2	2				N
9	1	26106-080702	BOLT, M8X 70 PLATED			2	2				
9-1	1	26106-081102	BOLT, M8X110 PLATED (C=EXXXXX) (D=EXXXXX)			2	2				N
10	1	119100-35090	PIPE ASSY, OIL INLET			1	1				
11	1	24311-000220	O-RING, 1AP22.0			1	1				
12	1	26013-080162	BOLT, M8X 16			2	2				
13	1	26106-080162	BOLT, M8X 16 PLATED			2	2				
14	1	119187-35100	PIPE ASSY, OIL INLET			1	1				
15	1	26106-060122	BOLT, M6X 12 PLATED			2	2				
16	1	124450-39240	RETAINER, PIPE			2					
16-1	1	23297-060081	CLAMP, A6X 8 (C=*1992.02)			2	2				N
17	1	119187-39400	PIPE ASSY, OIL			1					
17A	1	119181-39400	PIPE ASSY, OIL				1				
17A-1	1	119181-39401	PIPE ASSY, OIL (D=E52679)				1				N
18	1	23414-080000	GASKET, 8X1.0			6					
18A	1	22190-080002	WASHER, SEAL 6				6				
19	1	23857-030000	BOLT, JOINT 3			3	3				
19-1	1	23857-030000	BOLT, JOINT 3 (C=E24667) (D=E52547)			1	1				K
20	1	129198-59540	BOLT, PIPE JOINT M8 (C=E24667) (D=E52547)			2	2				W
21	1	26106-080122	BOLT, M8X 12 PLATED			2	2				
22	1	26013-080252	BOLT, M8X 25			4					
22-1	1	26106-080252	BOLT, M8X 25 PLATED (C=*1990.03)			4	4				N
23	1	26106-080302	BOLT, M8X 30 PLATED			3	3				
24	1	119187-35160	GASKET			1	1				
24-1	1	119187-35161	GASKET (C=EXXXXX) (D=EXXXXX)			1	1				N
25	1	119173-39300	PIPE, OIL			1	1				
26	1	119187-39320	CLAMP, PIPE 14			1	1				
26-1	1	119175-39720	CLAMP (C=EXXXXX) (D=EXXXXX)			2	2				N
27	1	119187-39330	CLAMP, PIPE 14 (C=EXXXXX) (D=EXXXXX)			1	1				Z
28	1	119187-39360	PIPE, OIL			1	1				
29	1	119187-39370	HOSE, RUBBER			1	1				
30	1	119173-39380	PIPE, OIL			1	1				

Fig.34. LUB. OIL PIPE(TURBOCHARGER)

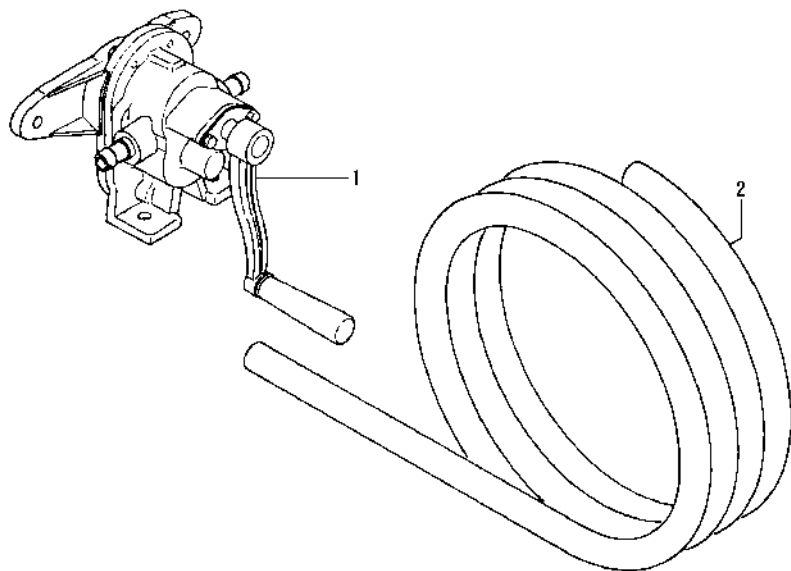
4LH-TE
4LH-HTE



4LH-DTE
4LH-STE

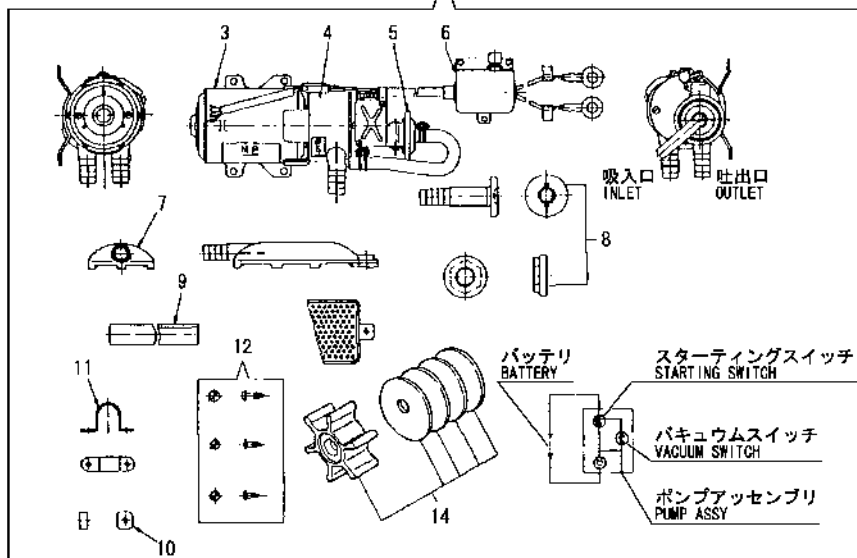
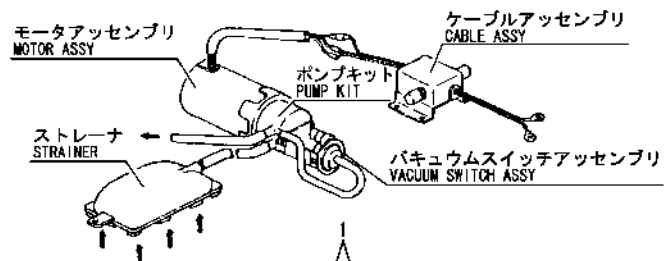
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121252-39150	BOLT, JOINT M10X1.5	2	2	2	2				
2	1	119171-39600	PIPE, OIL	1	1						
2-1	1	119187-39600	PIPE, OIL	1	1						S
(A=*1987.10) (B=*1987.10)											
2-2	1	119187-39610	PIPE, OIL	1	1	1	1				S
(A=*1987.10) (B=*1987.10)											
3	1	129792-39610	JOINT, RUBBER	1	1	1	1				
4	1	119171-39650	PIPE, OIL	1	1						
4A	1	119173-39750	PIPE, OIL			1					
4B	1	119184-39650	PIPE, OIL				1				
5	1	119171-39670	CLAMP, PIPE	1	1						Z
(A=*1987.10) (B=*1987.10)											
6	1	23000-025000	CLAMP, 25	2	2	2	2				
6-1	1	23000-022000	CLAMP, 22	2	2	2	2				N
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
7	1	23414-100000	GASKET, 10X1.0	4	4	4	4				
8	1	24311-000200	O-RING, 1AP20.0	1	1		1				
8-1	1	24316-000200	O-RING, 4DP20.0				1				N
(D=E50208)											
9	1	26106-060162	BOLT, M6X 16 PLATED	2	2		2				
10	1	26106-060162	BOLT, M6X 16 PLATED	1	1						Z
(A=*1987.10) (B=*1987.10)											
11	1	119171-39350	PIPE, OIL	1	1						
11-1	1	119171-39351	PIPE, OIL	1	1						S
(A=*1988.04) (B=*1988.04)											
12	1	24311-000120	O-RING, 1AP12.0	2	2						
13	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
14	1	26106-080202	BOLT, M8X 20 PLATED	2	2						
14-1	1	26106-080502	BOLT, M8X 50 PLATED	2	2						S
(A=*1988.04) (B=*1988.04)											
15	1	119187-39441	SPACER	1	1						W
(A=*1988.04) (B=*1988.04)											
16	1	23871-020000	PLUG, R02	1	1						W
(A=*1988.04) (B=*1988.04)											
17	1	123688-39720	GASKET				1				
17-1	1	123688-39721	GASKET				1				N
(C=*1990.01)											
18	1	123688-39790	GASKET				1				
18-1	1	123688-39791	GASKET				1				N
(C=*1990.01)											
19	1	119173-39900	FLANGE				1				
20	1	26106-080202	BOLT, M8X 20 PLATED				4				
21	1	26106-060122	BOLT, M6X 12 PLATED							1	

Fig.35. OIL SUCTION/DRAIN PUMP



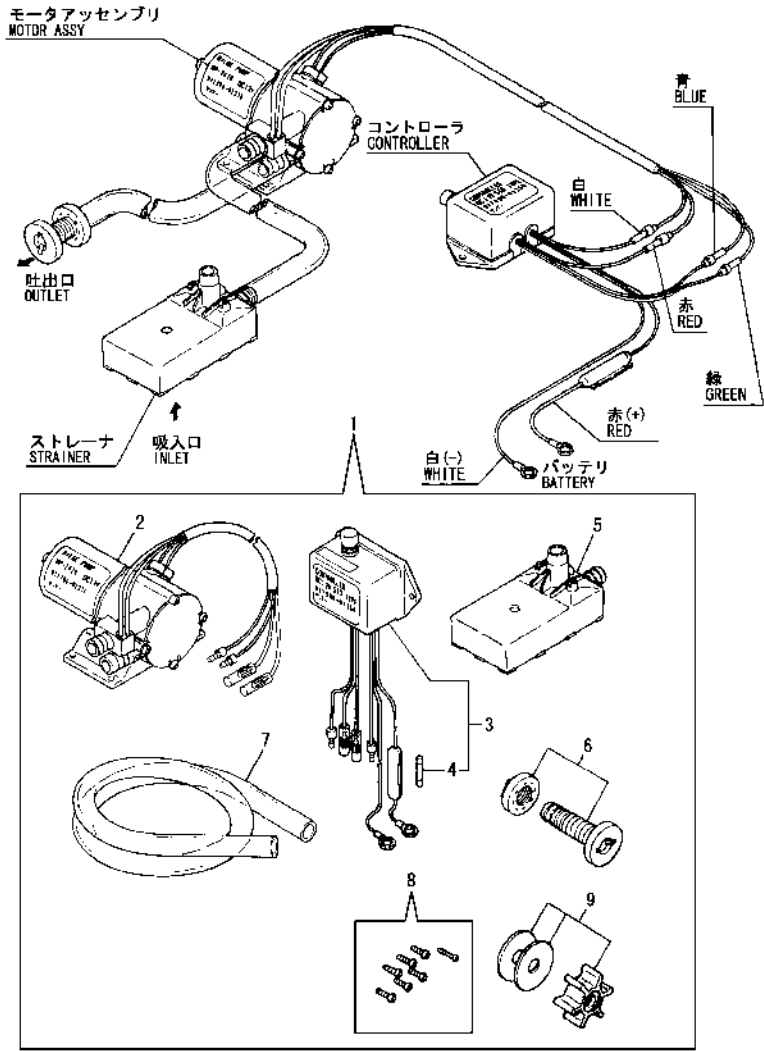
No.	Lev.	Parts No.	Description	(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE		(D)=4LH-STE (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124413-39100	PUMP ASSY, WASTE	1	1	1	1				
2	1	43720-001220	PIPE	1	1	1	1				
2-1	1	120130-39990	HOSE,OIL DRAIN 3M	1	1	1	1				N
(A=EXXXXX)		(B=EXXXXX)	(C=EXXXXX)	(D=EXXXXX)							

Fig.36. BILGE PUMP(OPTIONAL)(UP TO EXXXXX)



No.	Lev.	Parts No.	Description	(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE			(D)=4LH-STE (E)= (F)=		
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	977782-00121	PUMP ASSY, W/TIMMER	1	1	1			
3	2	XBP1902200	MOTER ASSY	1	1	1			
4	2	XBP1901300	PUMP SET	1	1	1			
5	2	XBP1902400	VACUUM SWITCH ASSY	1	1	1			
6	2	XBP1905500	CABLE ASSY.	1	1	1			
7	2	XBP1902810	STRAINER	1	1	1			
8	2	XBP1901820	OUTLET	1	1	1			
9	2	XBP1901830	HOSE	1	1	1			
10	2	XBP1901910	SPACER	1	1	1			
11	2	XBP1901920	CLAMP	1	1	1			
12	2	XBP1901950	SCREW SET	1	1	1			
14	2	947859-20010	IMPELLER	1	1	1			

Fig.37. BILGE PUMP(STD,OPTIONAL)(UP TO EXXXXX)



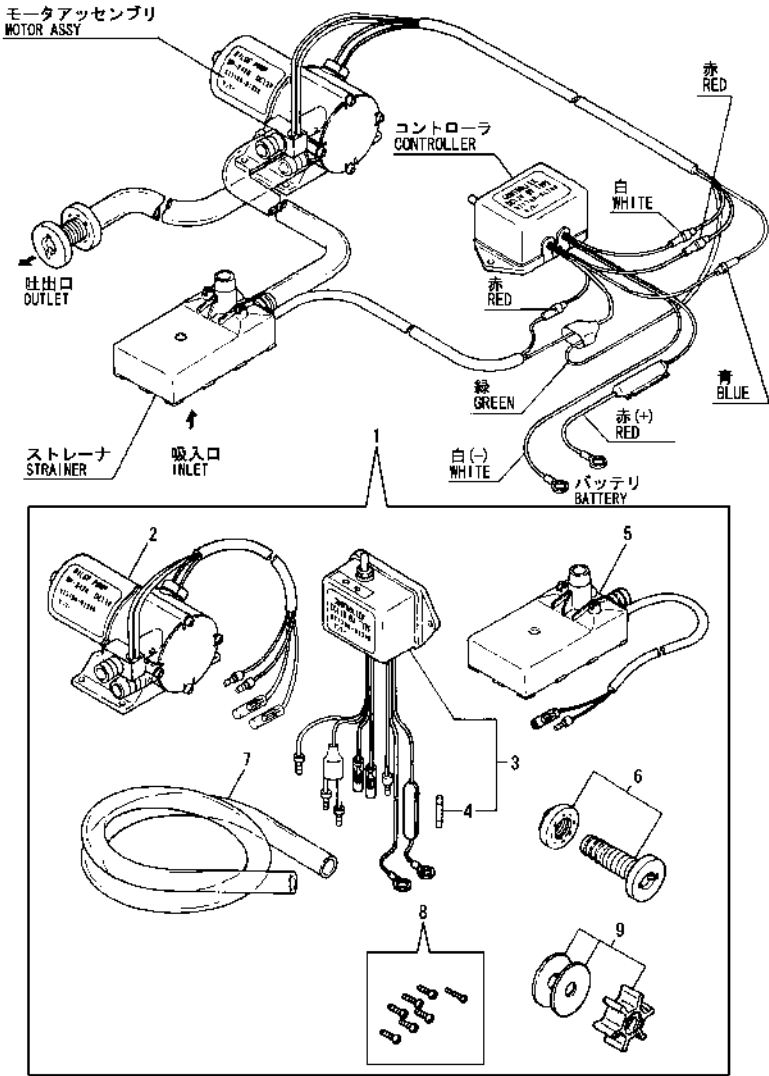
(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	977780-01210	PUMP(12V).BILGE	1	1	1	1				
1-1	1	977780-01211	PUMP,BILGE (12V	1	1	1	1			N	1
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
2	2	977780-01230	MOTOR ASSY(BILG PUMP	1	1	1	1				
3	2	977780-01250	CONTROLLER	1	1	1	1				
4	3	X8636008003	FUSE	1	1	1	1				
5	2	X179100021X	STRAINER	1	1	1	1				
6	2	X179100100X	PIPE ASSY	1	1	1	1				
7	2	X0044021509	HOSE A	1	1	1	1				
8	2	X199903800X	SCREW KIT	1	1	1	1				
9	2	977780-03000	INPELLER	1	1	1	1				

Remarks
(1)Component parts:Refer to Fig.(38A)

Fig.38. BILGE PUMP(DX,OPTIONAL)(UP TO EXXXXX)



(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	977780-01200	PUMP(12V).BILGE	1	1	1	1				
1-1	1	977780-01211	PUMP,BILGE (12V	1	1	1	1			N	1
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
2	2	977780-01230	MOTOR ASSY(BILG PUMP	1	1	1	1				
3	2	977780-01240	CONTROLLER	1	1	1	1				
4	3	X8636008003	FUSE	1	1	1	1				
5	2	X179100011X	STRAINER	1	1	1	1				
6	2	X179100100X	PIPE ASSY	1	1	1	1				
7	2	X0044021509	HOSE A	1	1	1	1				
8	2	X199903800X	SCREW KIT	1	1	1	1				
9	2	977780-03000	INPELLER	1	1	1	1				

Remarks
(1)Component parts:Refer to Fig.(38A)

Fig.99. (38A)BILGE PUMP(OPTIONAL)(FROM EXXXXX)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	977780-01211	PUMP,BILGE (12V	1	1	1	1				
2	2	X0318101004	MOTOR ASSY, BILGE	1	1	1	1				
3	2	X158606410X	SWITH	1	1	1	1				
4	3	X8636015001	FUSE	1	1	1	1				
5	2	X179100022X	STRAINER	1	1	1	1				
6	2	X179100100X	PIPE ASSY	1	1	1	1				
7	2	X0044021509	HOSE A	1	1	1	1				
8	2	X199906101X	SCREW SET	1	1	1	1				
9	2	977780-03000	INPELLER	1	1	1	1				

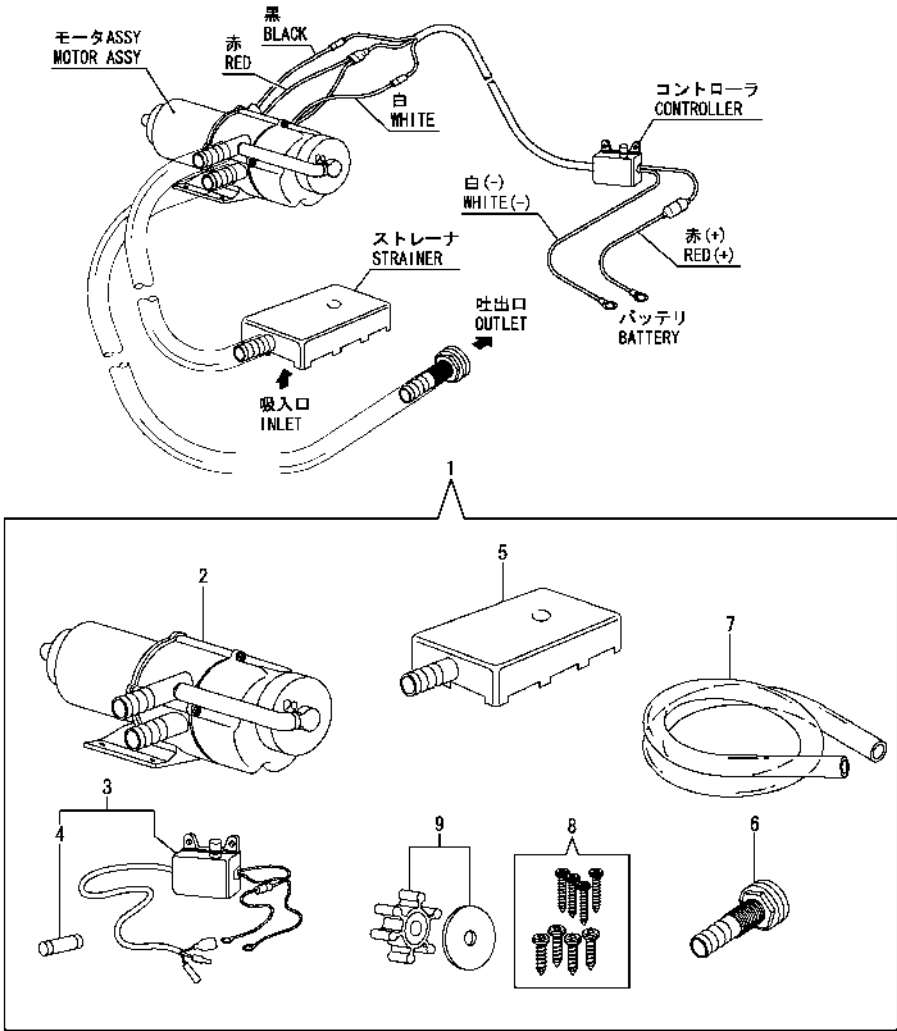
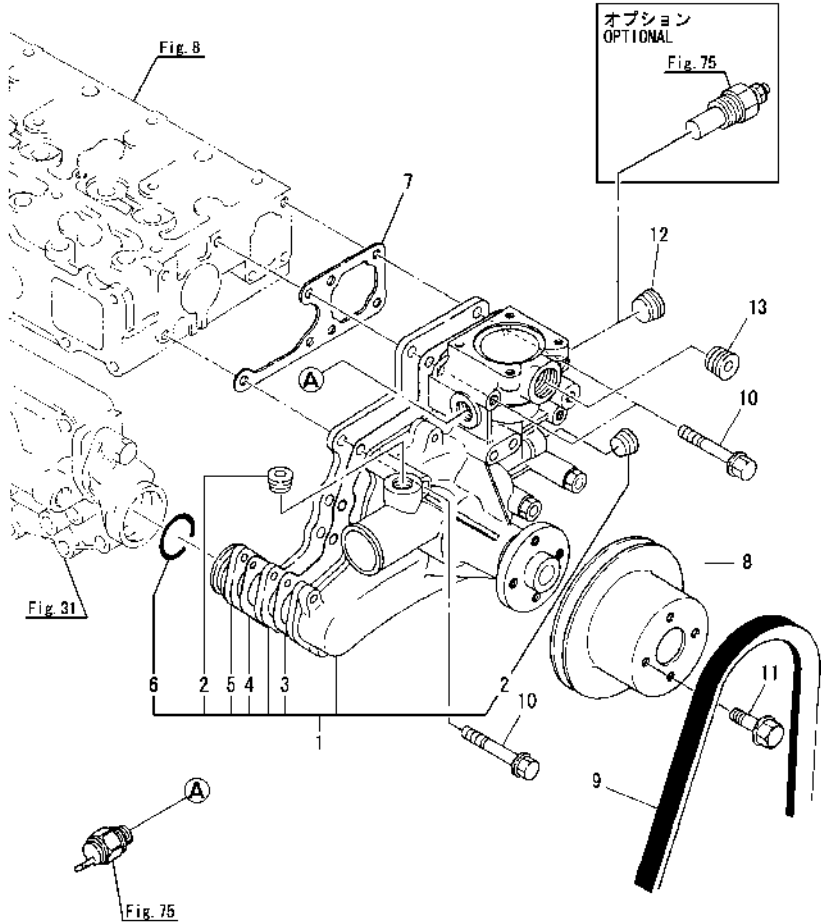


Fig.39. COOLING FRESH WATER PUMP

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

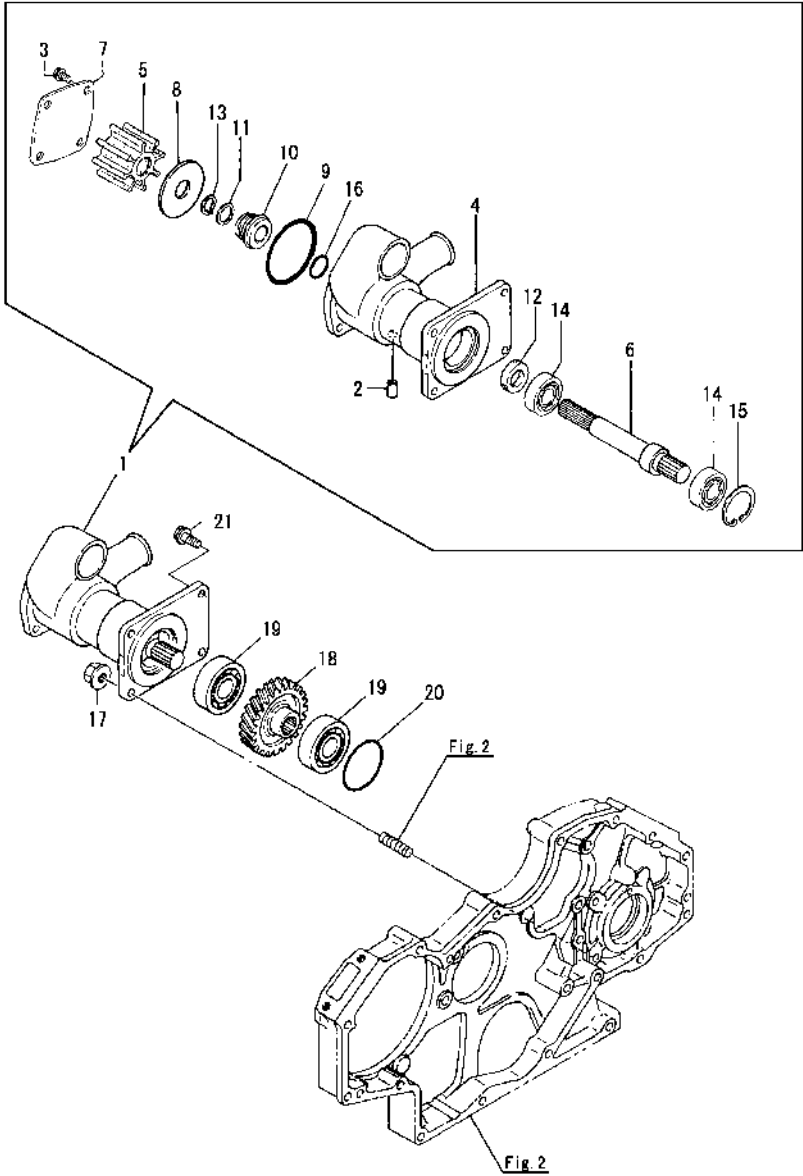


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-42000	PUMP ASSY, WATER	1	1	1					
1-1	1	119171-42001	PUMP ASSY, WATER	1	1	1	1			N	
(A=*1991.09) (B=*1991.09) (C=*1991.09)											
1-2	1	119171-42002	PUMP ASSY, WATER	1	1	1	1			R	
(A=E11269) (B=E23165) (C=E24888) (D=E52738)											
1-3	1	119171-42003	PUMP ASSY, WATER	1	1	1	1			R	
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
2	2	23871-030000	PLUG, R03	1	1	1	1				
3	2	119000-42051	GASKET, WATER PUMP	1	1	1	1				
4	2	119000-42150	GASKET, WATER PUMP	1	1	1	1				
4-1	2	119000-42151	GASKET, WATER PUMP	1	1	1	1			R	
(A=E11269) (B=E23165) (C=E24888) (D=E52738)											
5	2	119000-42141	FLANGE	1	1	1	1				
6	2	24311-000360	O-RING, 1AP36.0	1	1	1	1				
6-1	2	119171-42300	O-RING	1	1	1	1			R	
(A=E11269) (B=E23165) (C=E24888) (D=E52738)											
7	1	119000-42020	GASKET, WATER PUMP	1	1	1					
7-1	1	119000-42021	GASKET, WATER PUMP	1	1	1	1			N	
(A=*1990.08) (B=*1990.08) (C=*1990.08)											
8	1	121850-42250	V-PULLEY	1	1	1	1				
9	1	121850-42280	V-BELT, A46	1	1	1	1				
10	1	26106-080652	BOLT, M8X 65 PLATED	5	5	5	5				
11	1	26106-080102	BOLT, M8X 10 PLATED	4	4	4	4				
12	1	23871-030000	PLUG, R03	1	1	1	1				
13	1	23871-040000	PLUG, R04	1	1	1	1			W	
(A=*1988.11) (B=*1988.11)											

Fig.40. COOLING SEA WATER PUMP

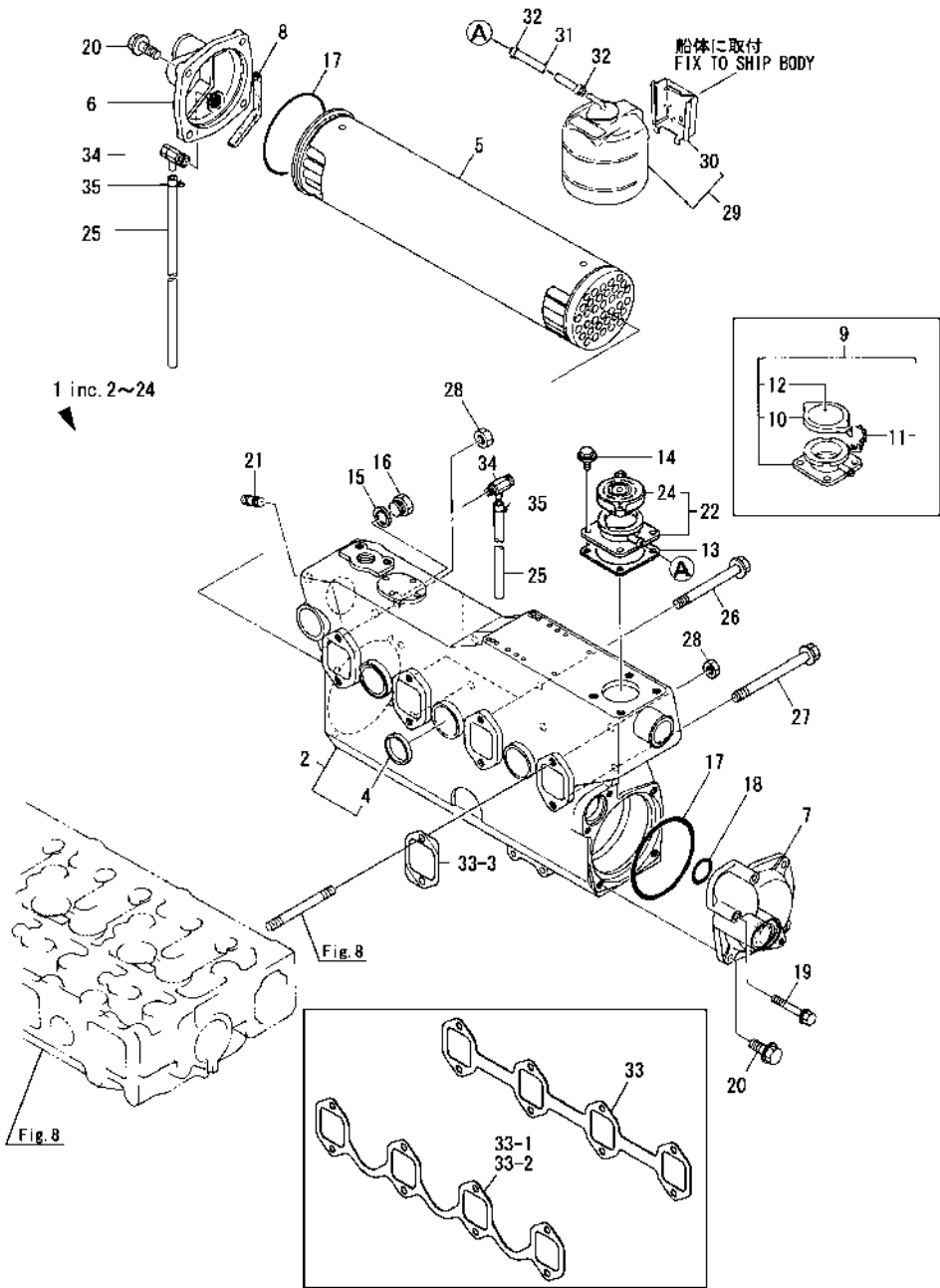
(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-42500	PUMP ASSY, WATER	1	1	1					
1-1	1	119171-42501	PUMP ASSY, WATER	1	1	1					N
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX)											
1A	1	119174-42500	PUMP ASSY, WATER				1				
1A-1	1	119174-42501	PUMP ASSY, WATER				1				N
(D=EXXXXX)											
2	2	126650-42301	JOINT, DRAIN	1	1	1	1				
3	2	26113-060102	BOLT, M6X 10	4	4	4	4				
4	2	119171-42510	BODY, WATER PUMP	1	1	1					
4A	2	XKFD4LH4251	BODY, PUMP				1				
5	2	123325-42020	IMPELLER	1	1	1	1				
5-1	2	123325-42021	IMPELLER	1	1	1	1				N
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
6	2	119171-42520	SHAFT, IMPELLER	1	1	1	1				
7	2	119171-42530	COVER	1	1	1	1				
8	2	119171-42540	PLATE	1	1	1					
8A	2	XKFD4LH4255	PLATE				1				
9	2	24321-000700	O-RING, 1AG70.0	1	1	1	1				
10	2	123472-42060	SEAL, MECHANICAL	1	1	1	1				
11	2	123472-42090	COLLAR	1	1	1					
11A	2	XKFEM420210	COLLAR				1				
12	2	123472-42150	SEAL, TC203508	1	1	1	1				
13	2	123472-42140	CIRCLIP	1	1	1	1				
14	2	24104-062044	BEARING, BALL 6204UU	2	2	2	2				
15	2	22252-000470	RING, 47	1	1	1	1				
16	2	24313-000200	O-RING 20P	1	1	1	1				
17	1	26366-080002	NUT, M8	2	2	2	2				
17-1	1	26306-080002	NUT, M8	2	2	2	2				N
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
18	1	119100-26200	GEAR, PUMP	1	1	1	1				
19	1	24101-060064	BEARING, BALL 6006	2	2	2	2				
20	1	24341-000800	O-RING, 1AS80.0	1	1	1	1				
21	1	26106-080202	BOLT, M8X 20 PLATED	2	2	2	2				

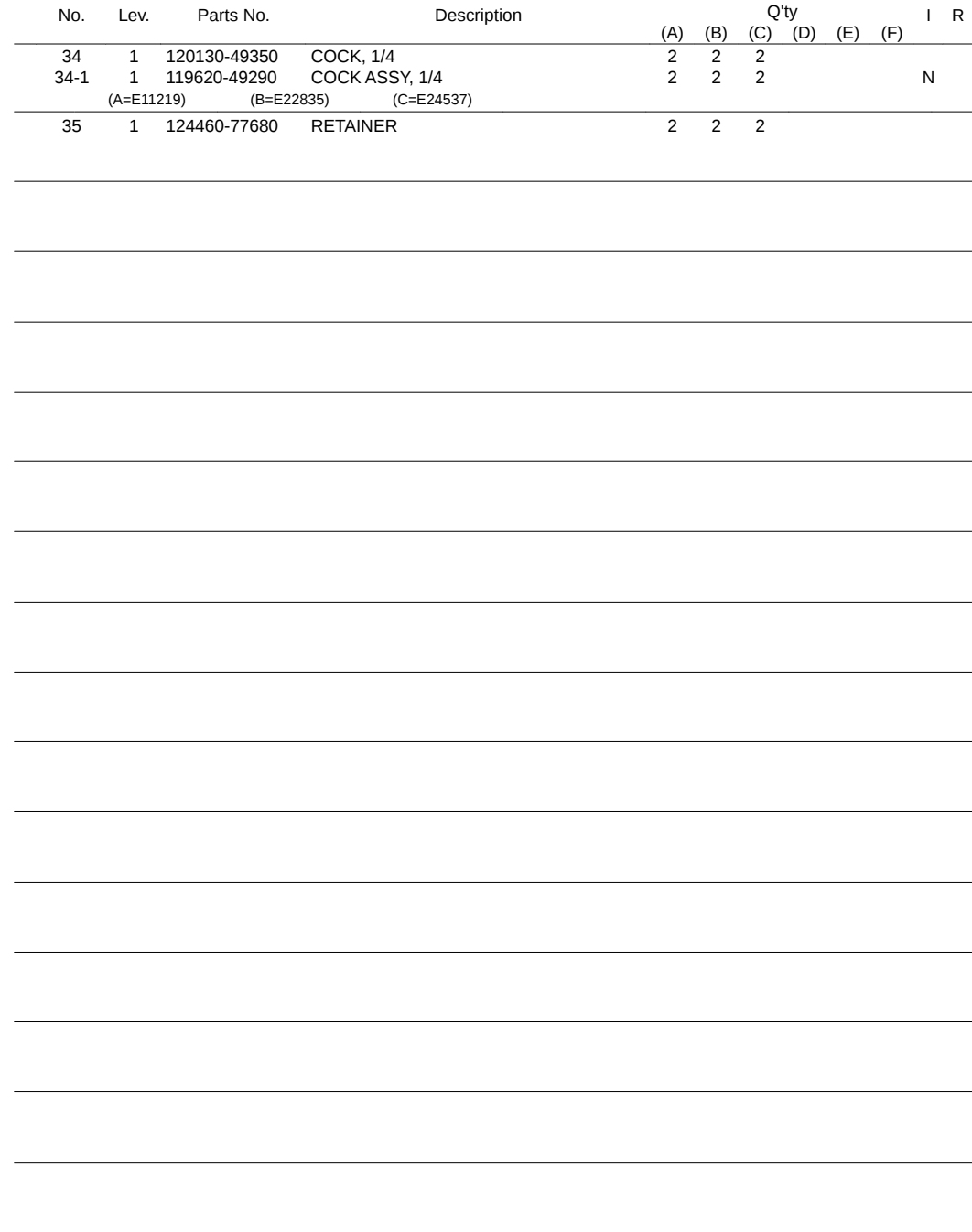
Fig.41. COOLING FRESH WATER COOLER



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719171-44500	CORE ASSY, COOLER	1	1	1					
2	2	119171-44000	COOLER ASSY, WATER	1	1	1					
4	3	27241-280000	PLUG, 28	4	4	4					
4-1	3	119773-13160	PLUG, 28	4	4	4					N
		(A=*2003.09)	(B=*2003.09)								
5	2	119171-44110	CORE ASSY, COOLER	1	1	1					
6	2	119187-44440	COVER, COOLER	1	1	1					
7	2	119171-44450	COVER, COOLER	1	1	1					
8	2	119171-44470	GASKET	1	1	1					
9	2	120445-44600	FILLER ASSY	1	1	1					Z
		(A=E11243)	(B=E22991)								
10	3	123682-44210	CAP, RADIATOR	1	1	1					Z
		(A=E11243)	(B=E22991)								
11	3	123682-44220	CHAIN	1	1	1					Z
		(A=E11243)	(B=E22991)								
12	3	120445-44620	LABEL, CAUTION	1	1	1					Z
		(A=E11243)	(B=E22991)								
13	2	120445-44640	GASKET	1	1	1					
14	2	26106-080142	BOLT, M8X 14 PLATED	4	4	4					
15	2	23414-170000	GASKET, 17X1.0	1	1	1					
16	2	23893-030002	PLUG, G3/8	1	1						
16-1	2	23894-030002	PLUG, G3/8	1	1	1					R
		(A=*1988.09)	(B=*1988.09)								
17	2	24311-001000	O-RING, 1AP100.0	2	2	2					
18	2	24321-000300	O-RING, 1AG30.0	1	1	1					
19	2	26106-060502	BOLT, M6X 50 PLATED	2	2	2					
20	2	26106-080252	BOLT, M8X 25 PLATED	7	7	7					
21	2	26226-100252	STUD, M10X 25	2	2						
21-1	2	26223-100252	STUD, M10X 25	2	2	2					R
		(A=*1987.08)	(B=*1987.08)								
22	2	129171-44600	FILLER ASSY	1	1	1					W
		(A=E11243)	(B=E22991)								
24	3	129107-44590	CAP, RADIATOR	1	1	1					W
		(A=E11243)	(B=E22991)								
25	1	23061-070300	PIPE, 7X 300	2	2	2					
26	1	26106-081052	BOLT, M8X105 PLATED	2	2	2					
27	1	26106-081202	BOLT, M8X120 PLATED	4	4	4					
28	1	26306-080002	NUT, M8	2	2	2					
29	1	720445-44200	TANK ASSY, SUB	1	1						
29-1	1	120445-44530	TANK, SUB	1	1	1					R
		(A=*1988.07)	(B=*1988.07)								
30	2	120445-44540	SUPPORT	1	1	1					
31	1	124790-44560	PIPE, WATER L=1000	1	1	1					
32	1	23010-013000	CLAMP 13	2	2	2					
33	1	119101-13200	GASKET	1	1	1					
33-1	1	119171-13200	GASKET, COOLER	1	1	1					N
		(A=E10886)	(B=E21719)								
33-2	1	119174-13201	GASKET, COOLER	1	1	1					N
		(A=*2001.06)	(B=E23431)								
33-3	1	119595-13200	GASKET	4	4	4					N
		(A=*2003.09)	(B=*2003.09)								

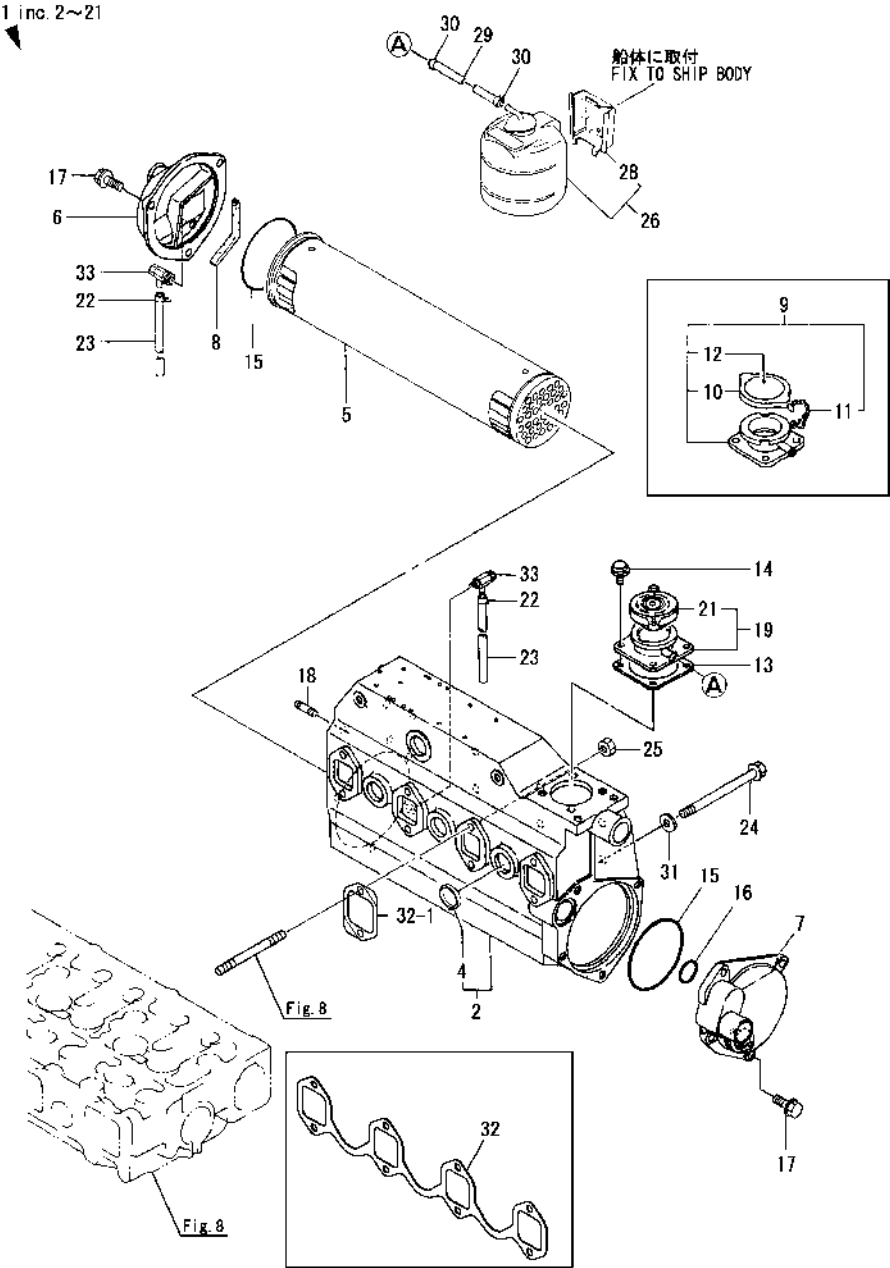
(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



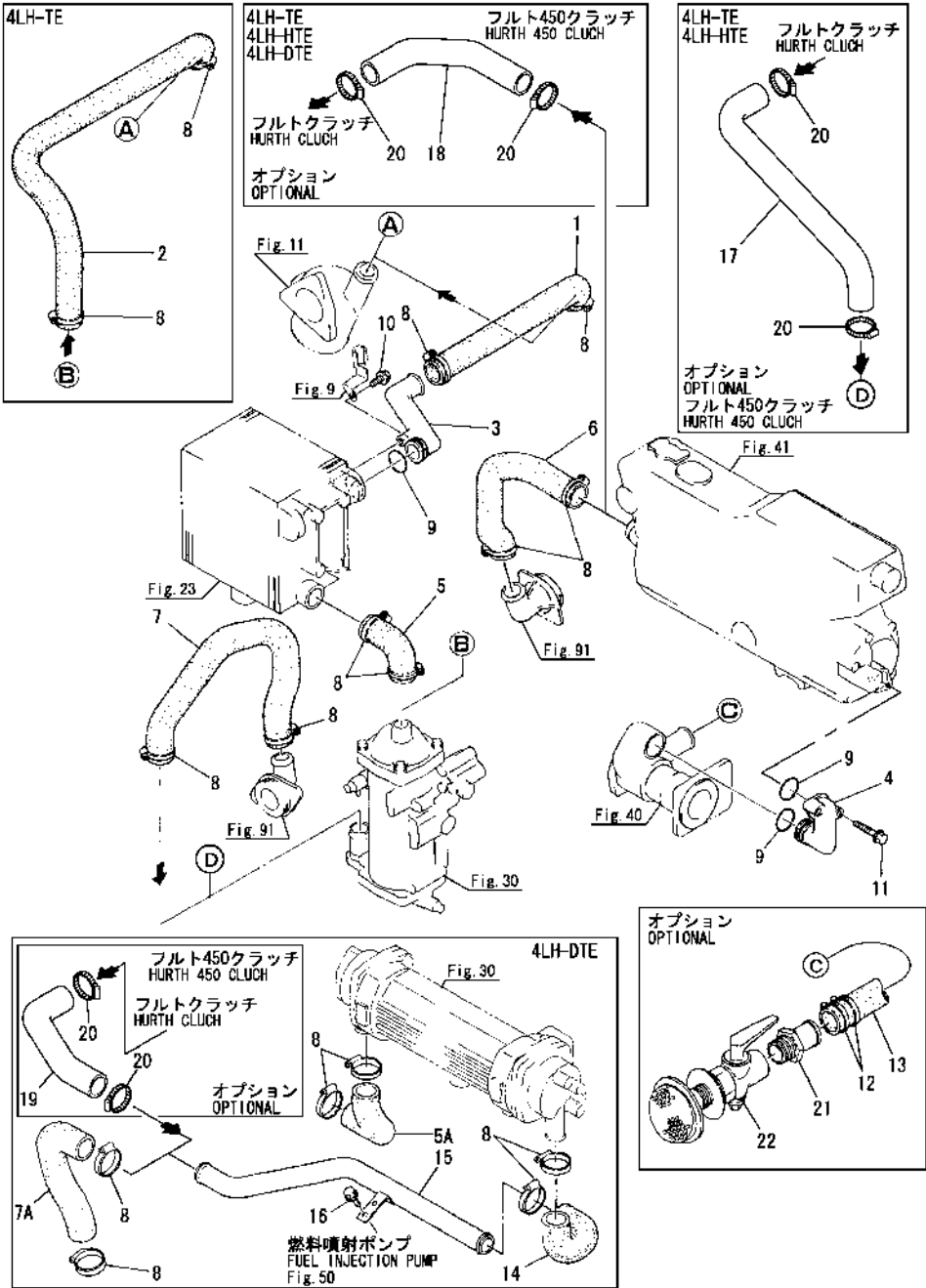
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
34	1	120130-49350	COCK, 1/4	2	2	2					
34-1	1	119620-49290	COCK ASSY, 1/4	2	2	2					N
	(A=E11219)	(B=E22835)	(C=E24537)								
35	1	124460-77680	RETAINER	2	2	2					

Fig.42. COOLING FRESH WATER COOLER(4LH-STE)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719174-44501	CORE ASSY, COOLER				1				
2	2	119174-44001	COOLER ASSY, WATER				1				
2-1	2	119174-44002	COOLER ASSY, WATER				1			N	
4	3	27241-280000	PLUG, 28				4				
4-1	3	119773-13160	PLUG, 28				4			N	
5	2	119181-44110	CORE ASSY, COOLER				1				
6	2	119174-44440	COVER, COOLER				1				
7	2	119174-44450	COVER, COOLER				1				
8	2	119174-44470	GASKET				1				
9	2	120445-44600	FILLER ASSY				1			Z	
10	3	123682-44210	CAP, RADIATOR				1			Z	
11	3	123682-44220	CHAIN				1			Z	
12	3	120445-44620	LABEL, CAUTION				1			Z	
13	2	120445-44640	GASKET				1				
14	2	26106-080142	BOLT, M8X 14 PLATED				4				
15	2	24311-001200	O-RING, 1AP120.0				2				
16	2	24321-000300	O-RING, 1AG30.0				1				
17	2	26106-080252	BOLT, M8X 25 PLATED				7				
18	2	26223-100252	STUD, M10X 25				4				
19	2	129171-44600	FILLER ASSY				1			W	
21	3	129107-44590	CAP, RADIATOR				1			W	
22	1	124460-77680	RETAINER				2				
23	1	23061-070300	PIPE, 7X 300				2				
24	1	26116-081402	BOLT, M8X140 PLATED				6				
25	1	26366-080002	NUT, M8				2				
25-1	1	26306-080002	NUT, M8				2			N	
26	1	720445-44200	TANK ASSY, SUB				1				
28	2	120445-44540	SUPPORT				1				
29	1	124790-44560	PIPE, WATER L=1000				1				
30	1	23010-013000	CLAMP 13				2				
31	1	22137-080000	WASHER, 8				6				
32	1	119174-13201	GASKET, COOLER				1				
32-1	1	119595-13200	GASKET				4			N	
33	1	120130-49350	COCK, 1/4				2				
33-1	1	119620-49290	COCK ASSY, 1/4				2			N	

Fig.43. COOLING SEA WATER PIPE



(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119173-49010	HOSE, COOLER				1				
1A	1	119171-49010	PIPE, WATER		1						
2	1	119171-49030	PIPE, WATER	1							
3	1	119172-49060	BEND		1	1					
4	1	119171-49070	BEND	1	1	1					
5	1	119171-49110	JOINT, RUBBER 32		1						
5A	1	119173-49110	JOINT, RUBBER				1				
5A-1	1	119174-49110	JOINT, RUBBER (C=E22343)				1				N
6	1	119171-49700	HOSE, CLUTCH	1	1	1					
7	1	119171-49710	HOSE, CLUTCH	1	1						
7A	1	119173-49730	HOSE, CLUTCH				1				
8	1	23000-048000	CLAMP, 48	6	8	8					
9	1	24321-000300	O-RING, 1AG30.0	2	3	3					
10	1	26106-060202	BOLT, M6X 20 PLATED		1	1					
11	1	26106-060352	BOLT, M6X 35 PLATED	2	2	2					
12	1	23000-048000	CLAMP, 48	4	4	4					
13	1	23072-122000	HOSE, 12X2000	1	1	1					
14	1	119173-49710	JOINT, RUBBER				1				
15	1	119173-49720	PIPE, WATER				1				
16	1	26106-080122	BOLT, M8X 12 PLATED				2				
17	1	119172-49750	HOSE, CLUTCH (A=E11022) (B=E22057)	1	1						W
18	1	119173-49740	HOSE, CLUTCH (A=E11022) (B=E22057) (C=E23412)	1	1	1					W
19	1	119173-49750	HOSE, CLUTCH (C=E23412)				1				W
20	1	23000-048000	CLAMP, 48 (A=E11022) (B=E22057) (C=E23412)	4	4	4					W
21	1	43530-500580	JOINT, PIPE 25A	1	1	1					
22	1	43662-025030	COCK ASSY, KINGSTON	1	1	1					

Fig.44. COOLING SEA WATER PIPE(4LH-STE

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119174-49060	BEND				1				
2	1	119171-49070	BEND				1				
3	1	119174-49110	JOINT, RUBBER				1				
4	1	120445-49150	JOINT, RUBBER				1				
5	1	119181-49720	PIPE, WATER				1				
5-1	1	119181-49721	PIPE, WATER				1			N	
5-2	1	119181-49722	PIPE, WATER				1			N	
			(D=E50246)								
			(D=E51497)								
6	1	23000-048000	CLAMP, 48				6				
7	1	24321-000300	O-RING, 1AG30.0				3				
8	1	26106-060202	BOLT, M6X 20 PLATED				1				
9	1	26106-060352	BOLT, M6X 35 PLATED				2				
10	1	26106-080122	BOLT, M8X 12 PLATED				1				
11	1	127610-49010	PIPE, WATER				1				
12	1	119181-49700	HOSE, CLUTCH				1				
13	1	119181-49710	HOSE, CLUTCH				1				
14	1	119181-49740	JOINT				2				
14-1	1	119181-49741	JOINT				2			N	
			(D=E50246)								
15	1	23000-048000	CLAMP, 48				4				
16	1	23000-054000	CLAMP, 54				4				
17	1	43530-500610	JOINT, PIPE 30A				1				
18	1	43662-030030	COCK ASSY, KINGSTON				1				
18-1	1	43662-030031	COCK ASSY, KINGSTON				1			R	
			(D=EXXXXX)								

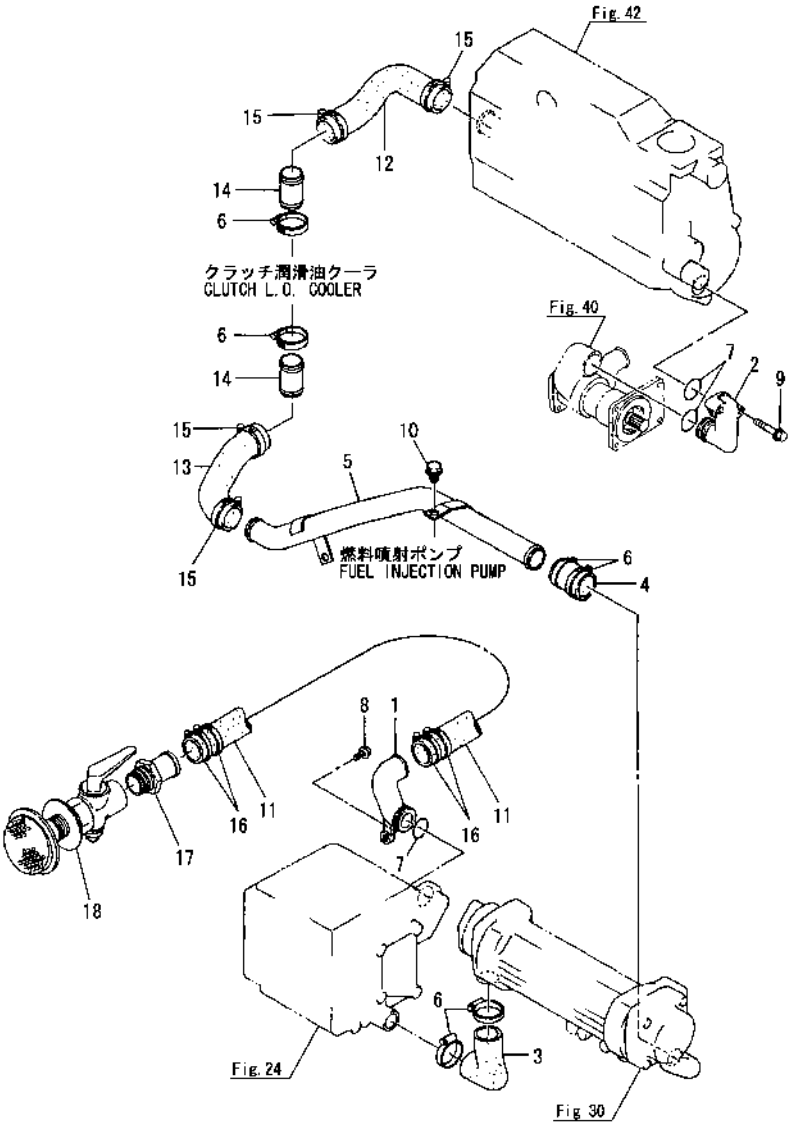
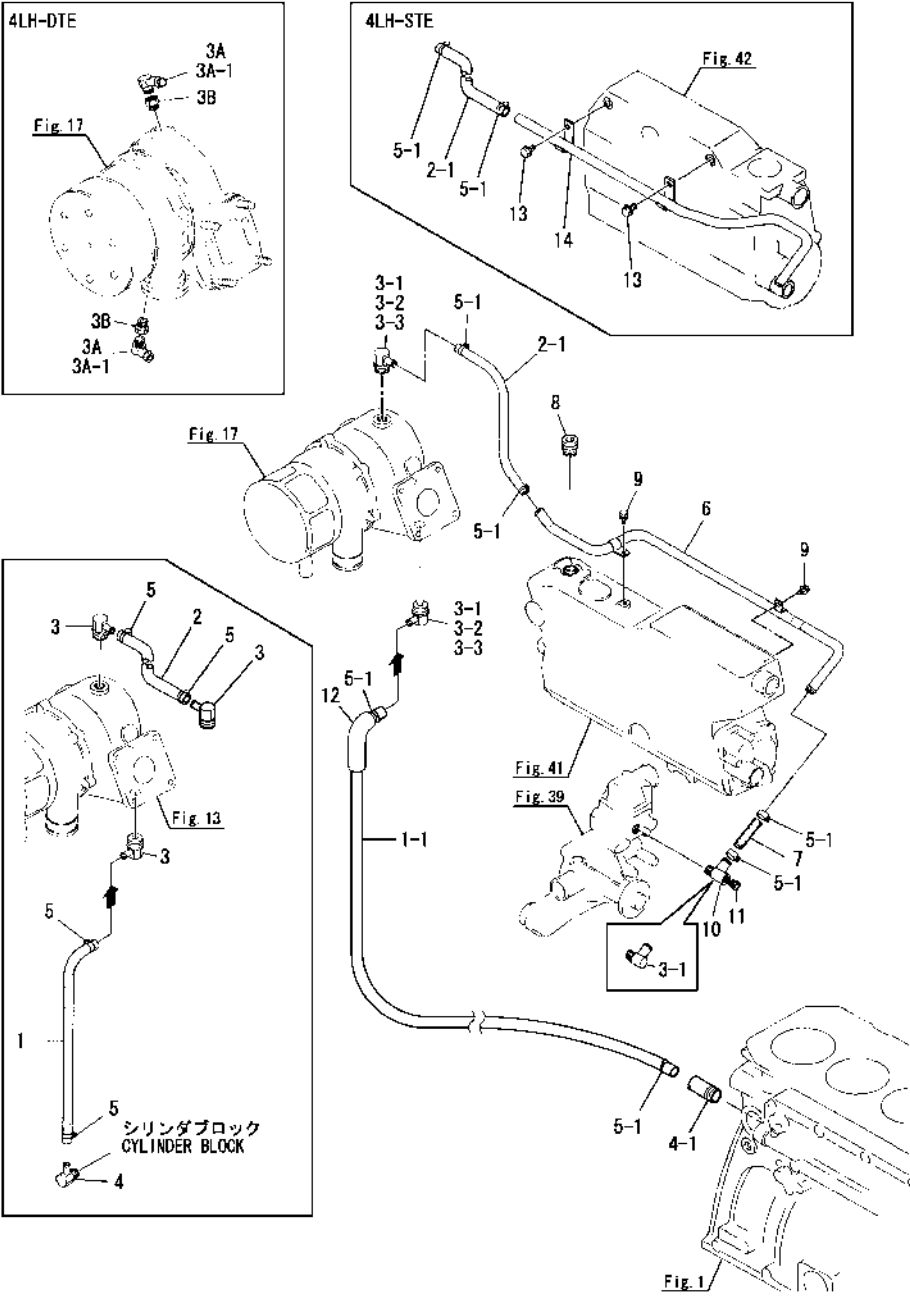


Fig.46. COOLING FRESH WATER PIPE(TURBOCHARGER)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-49300	PIPE, WATER	1	1						
1-1	1	119187-49300	HOSE, RUBBER	1	1		1			S	
		(A=*1988.11) (B=*1988.11)									
1A	1	119171-49300	HOSE, RUBBER				1				
2	1	119171-49310	PIPE, WATER	1	1						
2-1	1	119187-49350	HOSE, RUBBER	1	1		1			S	
		(A=*1988.11) (B=*1988.11)									
2A	1	119173-49350	HOSE, RUBBER				1				
3	1	119171-49320	JOINT	3	3						
3-1	1	119187-49320	JOINT	3	3					S	
		(A=*1988.11) (B=*1988.11)									
3-2	1	119187-49320	JOINT	2	2					K	
		(A=*1990.01) (B=*1990.01)									
3-3	1	119187-49321	JOINT	2	2		2			N	
		(A=E10758) (B=E21542)									
3A	1	119173-49910	JOINT				2				
3A-1	1	119173-49911	JOINT				2			N	
		(C=E22232)									
3B	1	119173-49320	PLUG				2				
4	1	119171-49330	JOINT	1	1						
4-1	1	104407-44480	JOINT	1	1	1	1			S	
		(A=*1988.11) (B=*1988.11)									
5	1	23000-016000	CLAMP, 16	4	4						
5-1	1	23000-025000	CLAMP, 25	6	6	6	6			S	
		(A=*1988.11) (B=*1988.11)									
5-2	1	119172-48250	CLIP, HOSE 25	6	6	6	6			R	
		(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)									
6	1	119187-49340	PIPE, WATER	1	1	1				W	
		(A=*1988.11) (B=*1988.11)									
7	1	119187-49360	HOSE, RUBBER	1	1	1	1			W	
		(A=*1988.11) (B=*1988.11)									
8	1	23876-040000	PLUG, R04	1	1	1	1			W	
		(A=*1988.11) (B=*1988.11)									
9	1	26106-060122	BOLT, M6X 12 PLATED	2	2	2				W	
		(A=*1988.11) (B=*1988.11)									
10	1	119187-49330	JOINT	1	1	1				W	
		(A=*1990.01) (B=*1990.01)									
10-1	1	119187-49331	JOINT	1	1	1	1			N	
		(A=E10765) (B=E21560) (C=E22322)									
11	1	23871-030000	PLUG, R03	1	1	1	1			W	
		(A=*1990.01) (B=*1990.01)									
11-1	1	23875-030000	PLUG, R03	1	1	1	1			R	
		(A=E11201) (B=E22728) (C=E24444) (D=E52372)									
12	1	119174-49310	PROTECTOR				1				
13	1	26106-080162	BOLT, M8X 16 PLATED				2				
14	1	119174-49341	PIPE, WATER				1				

Fig.48. COOLING SEA WATER STRAINER(OPTIONAL)

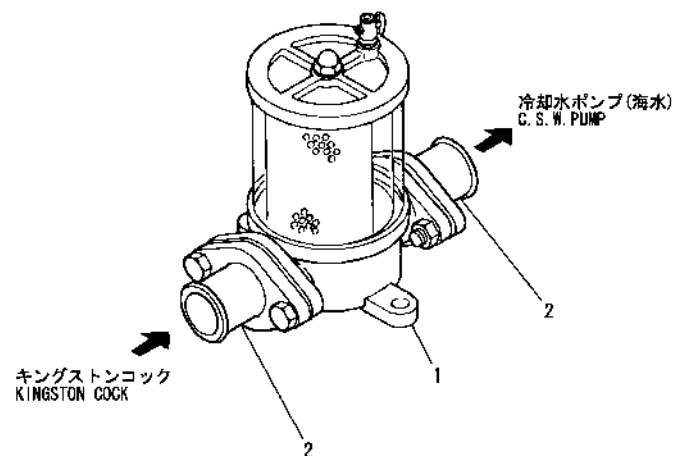
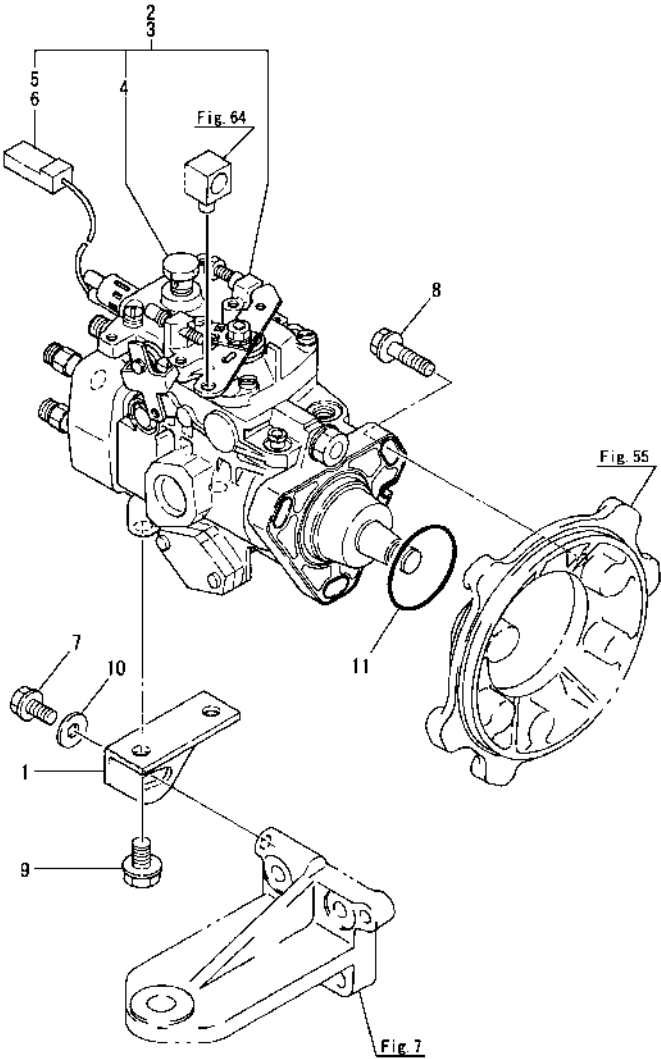
[illegible]

Fig.49. FUEL INJECTION PUMP(4LH-TE,HTE)

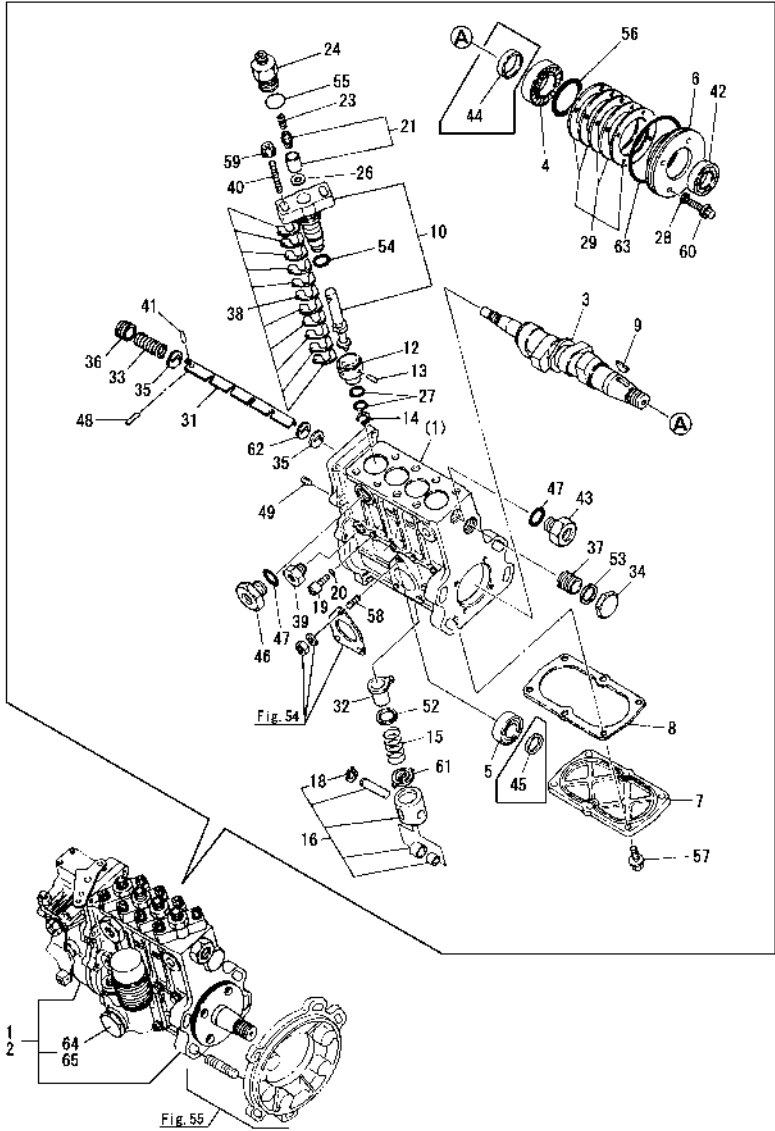
(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-01980	RETAINER, PUMP	1	1						
2	1	119171-51900	PUMP ASSY, INJECTION	1							
3	1	119172-51901	PUMP ASSY, INJECTION		1						
3-1	1	119172-51902 (B=E21833)	PUMP ASSY, F.INJECT.		1						N
4	2	119171-59200	BOLT, PIPE JOINT	1	1						
5	2	119171-67200	SOLENOID, MAGNETIC	1	1						
6	2	X1466584820	WIRE	1	1						
7	1	26106-080162	BOLT, M8X 16 PLATED	1	1						
8	1	26106-080302	BOLT, M8X 30 PLATED	3	3						
9	1	26106-100162	BOLT, M10X 16 PLATED	2	2						
10	1	106100-55800	WASHER	1	1						W
(A=*1989.04) (B=*1989.04)											
11	1	24341-000500	O-RING, 1AS50.0	1	1						

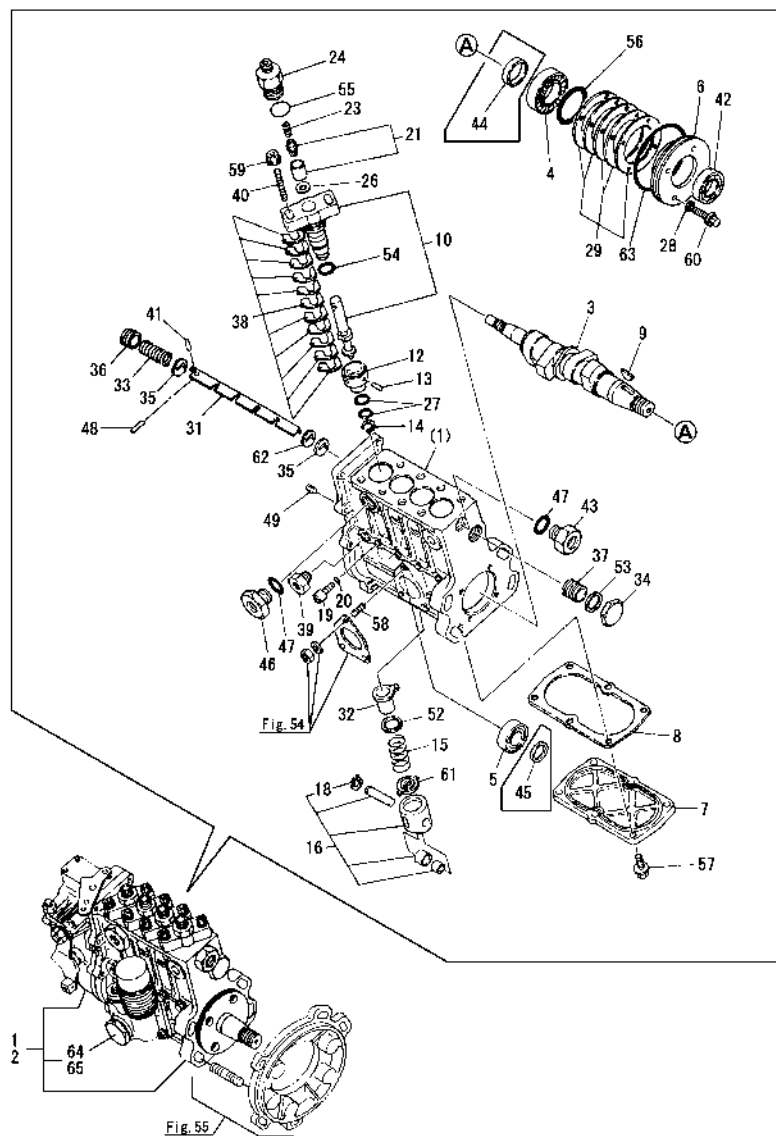
Fig.50. FUEL INJECTION PUMP(4LH-DTE,ST



Remarks
(1)Governor assy & feed pump assy are incorporated in this fuel injection pump assy.
(2)Interchangeable by simultaneous replacement with Ref.No.14.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719173-51300	PUMP ASSY, INJECTION			1					1
2	1	719175-51300	PUMP ASSY, INJECTION				1			W	1
(D=FROM 1ST)											
3	2	119187-51030	CAMSHAFT			1					
3-1	2	119175-51030	CAMSHAFT			1				R	
(C=E23724)											
3A	2	119175-51030	CAMSHAFT				1				
4	2	119000-51050	BEARING, HR32005XJ			1	1				
5	2	122710-51050	BEARING, HR30203J			1	1				
6	2	119000-51060	SUPPORT, BEARING A			1	1				
7	2	119100-51080	COVER			1					
7-1	2	119100-51081	COVER			1	1			N	
(C=*1990.08)											
8	2	119100-51090	GASKET			1					
8-1	2	119100-51091	GASKET			1	1			N	
(C=*1990.08)											
9	2	144626-51090	KEY, 5X19			1	1				
10	2	119100-51101	PLUNGER ASSY			4					
10A	2	119593-51100	PLUNGER ASSY				4				
12	3	119000-51150	DEFLECTOR			4					
12-1	3	119000-51151	DEFLECTOR			4	4			F	2
(C=*1989.12)											
13	3	119000-51430	PIN			4	4				
14	3	22242-000200	RING, 20			4	4			W	
(C=*1989.12)											
15	2	119000-51161	SPRING, PLUNGER			4	4				
16	2	119000-51201	TAPPET ASSY			4					
16A	2	119573-51200	TAPPET ASSY				4				
18	3	119000-51250	CIRCLIP			4	4				
19	2	129155-51270	STOPPER, TAPPET			4	4				
19-1	2	158600-51270	STOPPER, TAPPET			4	4			R	
(C=EXXXXX) (D=EXXXXX)											
20	2	129155-51280	O-RING, S6			4	4				
21	2	128400-51300	VALVE ASSY, DELIVERY			4					
21A	2	119593-51300	VALVE ASSY, DELIVERY				4				
23	2	119000-51330	SPRING, DELIVERY			4	4				
24	2	119187-51341	VALVE ASSY, DELIVERY			4					
24A	2	119175-51340	VALVE ASSY, DELIVERY				4				
26	2	122710-51350	GASKET			4	4				
27	2	119000-51410	O-RING, S18			8	8				
27-1	2	119000-51411	O-RING			8	8			N	
(C=EXXXXX) (D=EXXXXX)											
28	2	22190-060000	WASHER, SEAL 6			4	4				
29	2	119000-51450	SHIM SET, CAMSHAFT			1	1				
31	2	119100-51500	RACK, CONTROL			1	1				
31-1	2	119187-51500	RACK, CONTROL			1	1			N	
(C=*1991.07) (D=*1991.07)											
32	2	119000-51510	SLEEVE, CONTROL			4	4				
32-1	2	119000-51511	SLEEVE, CONTROL			4	4			R	
(C=E24300) (D=E52232)											
33	2	119000-51530	SPRING, RACK			1					

Fig.50. FUEL INJECTION PUMP(4LH-DTE,ST



(1) Governor assy & feed pump assy are incorporated in this fuel injection pump assy.
(2) Interchangeable by simultaneous replacement with Ref.No.14.

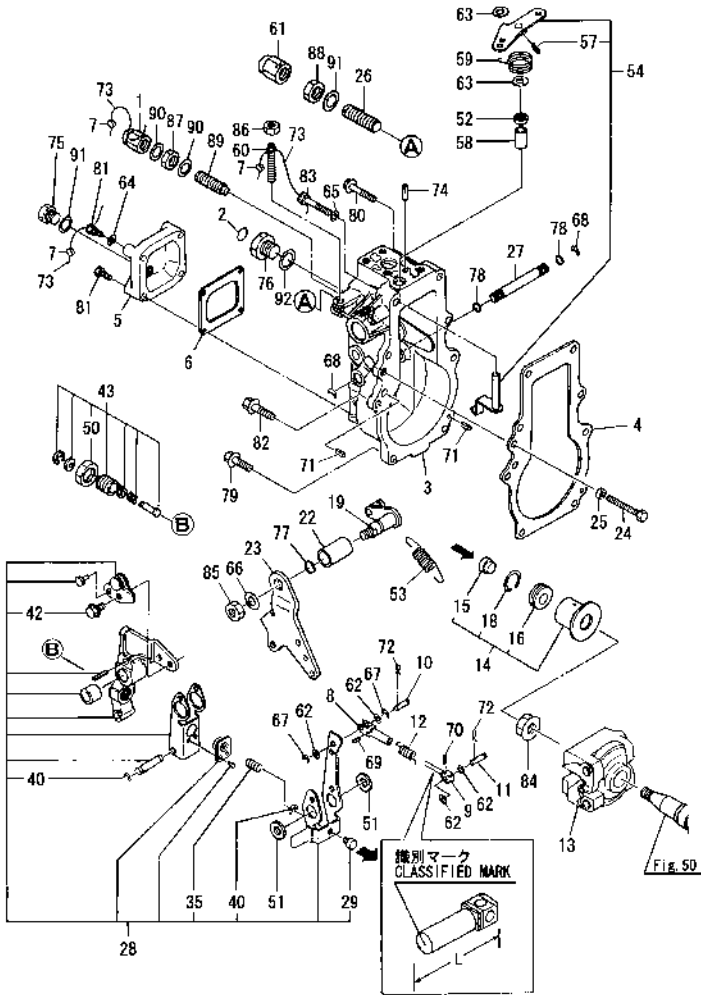
No.	Lev.	Parts No.	Description	(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE			(D)=4LH-STE (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
33A	2	119593-51530	SPRING, RACK				1				
34	2	119000-51550	COVER				1	1			
35	2	119000-51570	GUIDE, RACK				2	2			
36	2	119000-51580	SCREW				1	1			
37	2	119000-51590	SCREW				1	1			
38	2	119000-51650	SHIM SET, ADJUSTING				8	8			
39	2	121850-51700	BUSH				1	1			
40	2	119000-51800	BOLT				8	8			
41	2	22351-020008	PIN, SPRING 2.0X 8				1	1			W
			(C=*1991.06) (D=*1991.06)								
42	2	119000-51900	SEAL, AC1290E0				1	1			
43	2	121952-51900	PLUG				1	1			
44	2	119000-51911	SPACER, CAMSHAFT (C=EXXXXX)				1				Z
45	2	122710-51920	SPACER				1				Z
			(C=EXXXXX)								
46	2	144626-51940	PLUG				1				
46A	2	121952-51900	PLUG					1			
47	2	144626-51950	O-RING, 1016				2	2			
48	2	22351-020012	PIN, SPRING 2.0X12 (C=*1991.06) (D=*1991.06)				1	1			W
49	2	137600-53900	SCREW, M6X6				1	1			
52	2	119000-51170	SEAT, SPRING A				4	4			
53	2	23414-220029	GASKET, 22X1.0				1	1			
54	2	24341-000260	O-RING, 1AS26.0				4	4			
54-1	2	158563-51662	O-RING, 4D S26 (C=EXXXXX) (D=EXXXXX)				4	4			N
55	2	24352-010160	O-RING				4	4			
55-1	2	24356-190160	O-RING, 4D19016 (C=EZZZZZ) (D=EZZZZZ)				4	4			N
55-2	2	24356-190150	O-RING, 4D19015 (C=EZZZZZ) (D=EZZZZZ)				4	4			N
56	2	24341-000500	O-RING, 1AS50.0				1	1			
57	2	26106-060182	BOLT, M6X 18 PLATED				6	6			
58	2	26216-060162	STUD, M6X 16				3	3			
58-1	2	129155-51020	STUD				3	3			N
			(C=EXXXXX) (D=EXXXXX)								
59	2	26366-080002	NUT, M8				8	8			
60	2	26106-060202	BOLT, M6X 20 PLATED				4	4			
60-1	2	119175-51070	BOLT, M6X20 (C=EXXXXX) (D=E51468)				4	4			N
61	2	119000-51181	SEAT, SPRING B				4	4			
62	2	119593-51520	WASHER				1	1			W
			(C=*1991.06)								
63	2	124410-51960	O-RING				1	1			W
			(C=EXXXXX) (D=EXXXXX)								
64	2	119000-52000	PUMP ASSY								

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.51. GOVERNOR(4LH-DTE)(UP TO EXXXXX)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



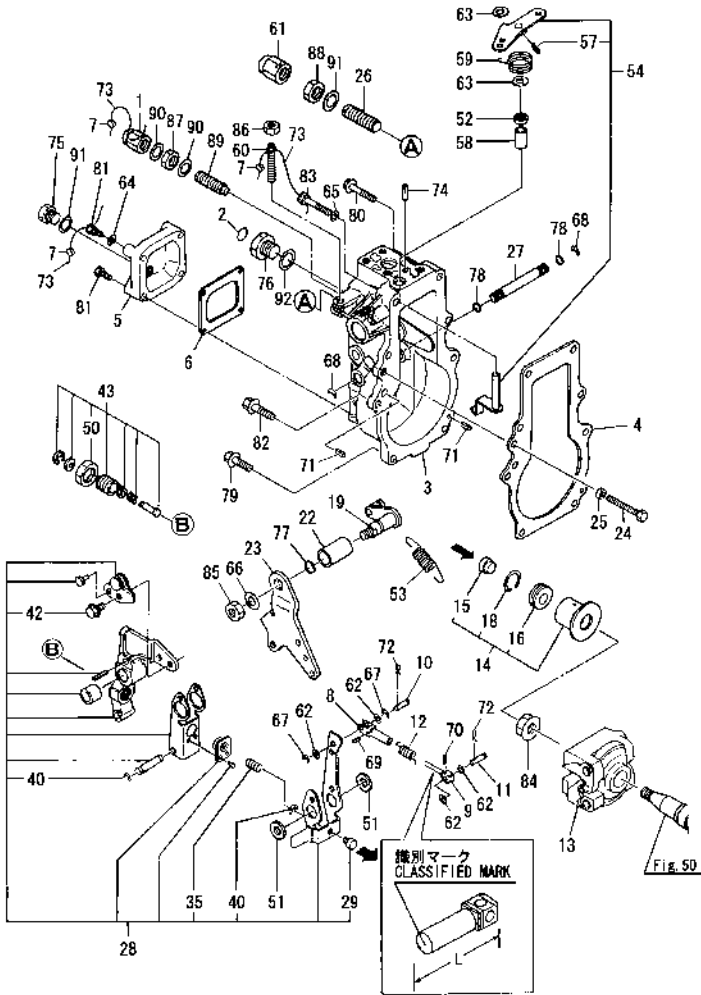
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	152623-51560	NUT			1					
2	1	124610-51970	LABEL			1					
3	1	119000-61011	CASE, GOVERNOR			1					Z
(C=EXXXXX)											
4	1	119000-61050	GASKET			1					
4-1	1	119000-61051	GASKET			1					N
(C=*1990.09)											
5	1	119187-61071	COVER, GOVERNOR CASE			1					
6	1	120323-61070	GASKET			1					
7	1	135210-61090	LEAD			3					
8	1	119000-61120	LINK			1					
9	1	119000-61090	LINK, MARK-A L=41			1					1
9A	1	119000-61100	LINK, MARK-B L=43			1					1
9B	1	119000-61110	LINK, MARK-4 L=45			1					1
9C	1	119000-61140	LINK, MARK-1 L=40			1					1
9D	1	119000-61150	LINK, MARK-2 L=42			1					1
9E	1	119000-61160	LINK, MARK-3 L=44			1					1
10	1	119000-61170	PIN, LINK			1					
11	1	119000-61180	PIN, LINK			1					
12	1	119187-61190	SPRING			1					
13	1	119173-61200	WEIGHT ASSY,GOVERNOR			1					
14	1	119187-61300	SLEEVE ASSY			1					
15	2	119000-61310	SHIFTER			1					2
15A	2	119192-61310	SHIFTER			1					2
15B	2	119192-61320	SHIFTER			1					2
15C	2	119192-61330	SHIFTER			1					
16	2	119000-61320	BEARING, THRUST			1					
18	2	22262-000260	RING, R-26			1					
19	1	119000-61400	SHAFT ASSY			1					
22	1	119000-61430	BUSH			1					
23	1	119187-61440	LEVER, CONTROL			1					
24	1	129470-61450	BOLT, LIMITER			1					
25	1	119000-61470	NUT, M6			1					
26	1	120323-61470	BOLT, CONTROL			1					
27	1	119000-61490	SHAFT			1					
28	1	119187-61500	LEVER ASSY, GOVERNOR			1					
29	2	119187-61310	SHIFTER			1					
35	2	119187-61612	SPRING, FUEL CONTROL			1					
40	2	22272-000040	RING, E- 4			5					
42	2	26106-060122	BOLT, M6X 12 PLATED			1					
43	1	119187-61551	ANGLEICH ASSY			1					
50	2	124616-61580	NUT, LOCK			1					
51	1	119000-61630	SHIM SET			1					
52	1	148616-61650	SEAL, VC081404			1					
53	1	120323-61710	SPRING, GOVERNOR			1					
54	1	119100-61771	LEVER ASSY, STOP			1					
57	2	22351-030016	PIN, SPRING 3.0X16			1					
58	1	119000-61841	BUSH			1					
59	1	119100-61860	SPRING, RETURN			1					
60	1	121855-61910	BOLT, LIMITER			1					
61	1	129100-61930	NUT, CAP			1					

Remarks
(1)Selective parts:certain the classification mark,then place your order.(Ref.to.illustration)
(2)Selective parts.

Fig.51. GOVERNOR(4LH-DTE)(UP TO EXXXXX)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



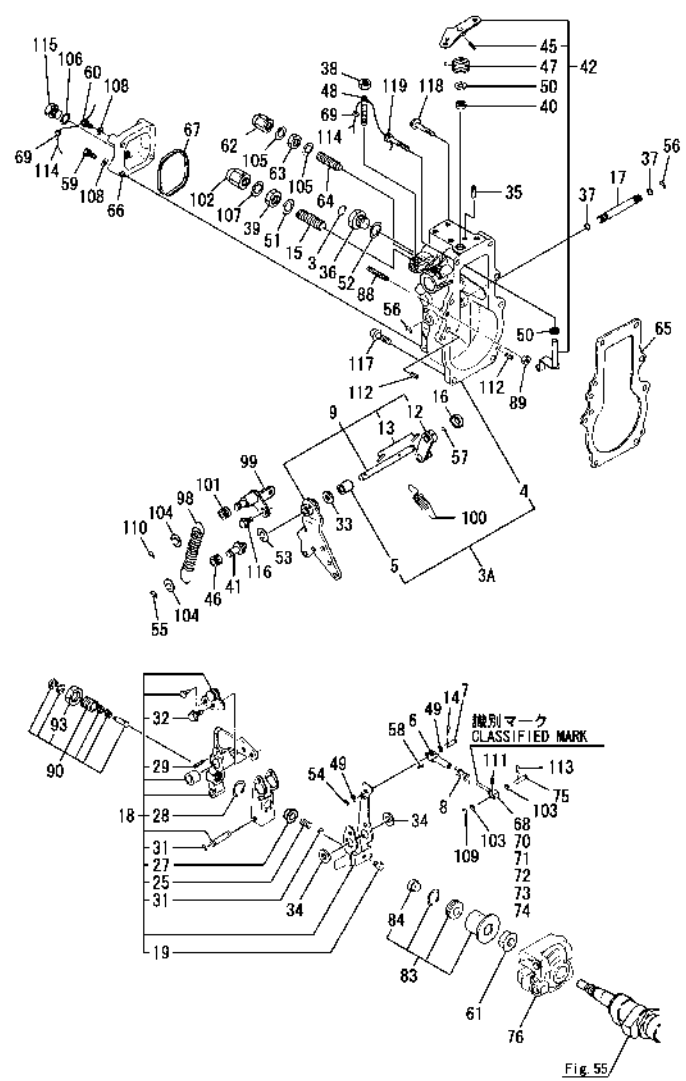
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
62	1	22117-050000	WASHER, 5			4					
63	1	22137-080000	WASHER, 8			2					
64	1	22217-050000	WASHER, SPRING 5			1					
65	1	22217-060000	WASHER, SPRING 6			2					
66	1	22217-100000	WASHER, SPRING 10			1					
67	1	22272-000040	RING, E- 4			2					
68	1	22272-000080	RING, E- 8			2					
69	1	22351-030016	PIN, SPRING 3.0X16			1					
70	1	22351-030025	PIN, SPRING 3.0X25			1					
71	1	22351-050020	PIN, SPRING 5.0X20			2					
72	1	22372-050000	PIN, SNAP 5			2					
73	1	22451-100000	WIRE, 1.0			2					
74	1	22492-060362	PIN, B6X36			1					
75	1	23887-120002	PLUG, 12			1					
76	1	23887-160002	PLUG, 16			1					
77	1	24311-000110	O-RING, 1AP11.0			1					
78	1	24341-000080	O-RING, 1AS8.0			2					
79	1	26106-060222	BOLT, M6X 22 PLATED			4					
80	1	26106-060352	BOLT, M6X 35 PLATED			1					
81	1	26116-050302	BOLT, M5X 30 PLATED			4					
82	1	26116-060256	BOLT, M6X 25 PLATED			1					
83	1	26116-060356	BOLT, M6X 35 PLATED			1					
84	1	26376-120002	NUT, M12			1					
85	1	26736-100002	NUT, M10			1					
86	1	26757-080002	NUT, LOCK M8			1					
87	1	26757-080002	NUT, LOCK M8			1					
88	1	26777-120002	NUT, LOCK M12			1					
89	1	26911-080322	SCREW, M8X32			1					
90	1	43400-500420	SEAL WASHER 8			2					
91	1	43400-500450	SEAL WASHER 12S			2					
92	1	43400-500500	SEAL WASHER 16			1					

Remarks
(1)Selective parts:certain the classification mark,then place your order.(Ref.to illustration)
(2)Selective parts.

Fig.52. GOVERNOR(4LH-DTE)(FROM EXXXXX)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



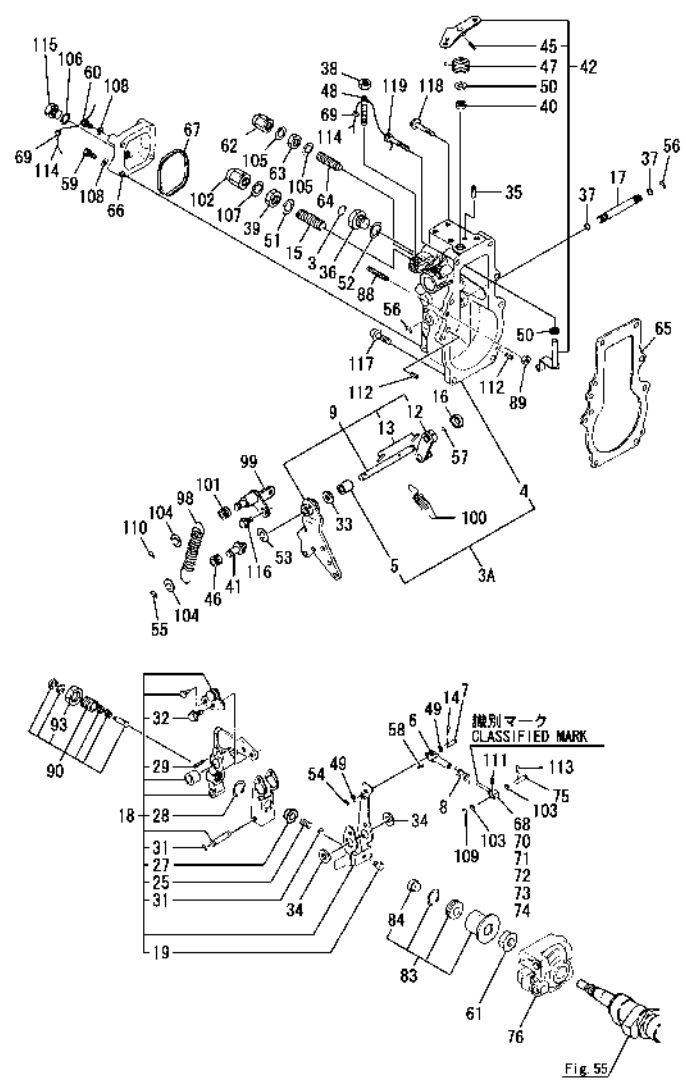
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	3	124610-51970	LABEL			1					
3A	3	119173-61030	CASE, GOVERNOR (C=EXXXXX)			1				W	
4	4	119173-61010	CASE, GOVERNOR (C=EXXXXX)			1				W	
5	4	120323-61430	BUSH			2					
6	3	119000-61120	LINK			1					
7	3	119000-61170	PIN, LINK			1					
8	3	119187-61190	SPRING			1					
9	3	119173-61400	LEVER ASSY, CONTROL			1					
12	4	119173-61440	LEVER, CONTROL			1					
13	4	22322-030220	PIN, TAPER 3X22			2					
14	3	22417-120120	PIN, COTTER 1.2X12			1					
15	3	120323-61470	BOLT, CONTROL			1					
16	3	129795-61470	PLUG, 20			1					
17	3	119000-61490	SHAFT			1					
18	3	119187-61500	LEVER ASSY, GOVERNOR			1					
19	4	119187-61310	SHIFTER			1					
25	4	119187-61612	SPRING, FUEL CONTROL			1					
27	4	119187-61911	RETAINER, SPRING			1					
28	4	119187-61920	CIRCLIP			1					
29	4	119187-61930	PIN			1					
31	4	22272-000040	RING, E- 4			5					
32	4	26106-060122	BOLT, M6X 12 PLATED			1					
33	3	120320-61540	SEAL, SC102004			1					
34	3	119000-61630	SHIM SET			1					
35	3	22492-060362	PIN, B6X36			1					
36	3	23887-160002	PLUG, 16			1					
37	3	24341-000080	O-RING, 1AS8.0			2					
38	3	26756-080002	NUT, LOCK M8			1					
39	3	26777-120002	NUT, LOCK M12			1					
40	3	148616-61650	SEAL, VC081404			1					
41	3	121850-61670	BOLT			1					
42	3	119100-61771	LEVER ASSY, STOP			1					
45	4	22351-030016	PIN, SPRING 3.0X16			1					
46	3	144626-61781	PIECE			1					
47	3	119100-61860	SPRING, RETURN			1					
48	3	121855-61910	BOLT, LIMITER			1					
49	3	22117-050000	WASHER, 5			2					
50	3	22137-080000	WASHER, 8			2					
51	3	22190-120002	WASHER, SEAL 12			2					
52	3	22190-160002	WASHER, SEAL 16			1					
53	3	22217-080000	WASHER, SPRING 8			1					
54	3	22272-000040	RING, E- 4			1					
55	3	22272-000060	RING, E- 6			1					
55-1	3	22276-000060	RING, E- 6 (C=EXXXXX)			1					R
56	3	22272-000080	RING, E- 8			2					
57	3	22272-000080	RING, E- 8			1					
58	3	22351-030016	PIN, SPRING 3.0X16			1					
59	2	26116-050302	BOLT, M5X 30 PLATED			3					

Remarks
(1)Selective parts:certain the classification mark,then place your order.(Ref.to.illustration)
(2)Selective parts.

Fig.52. GOVERNOR(4LH-DTE)(FROM EXXXXX)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

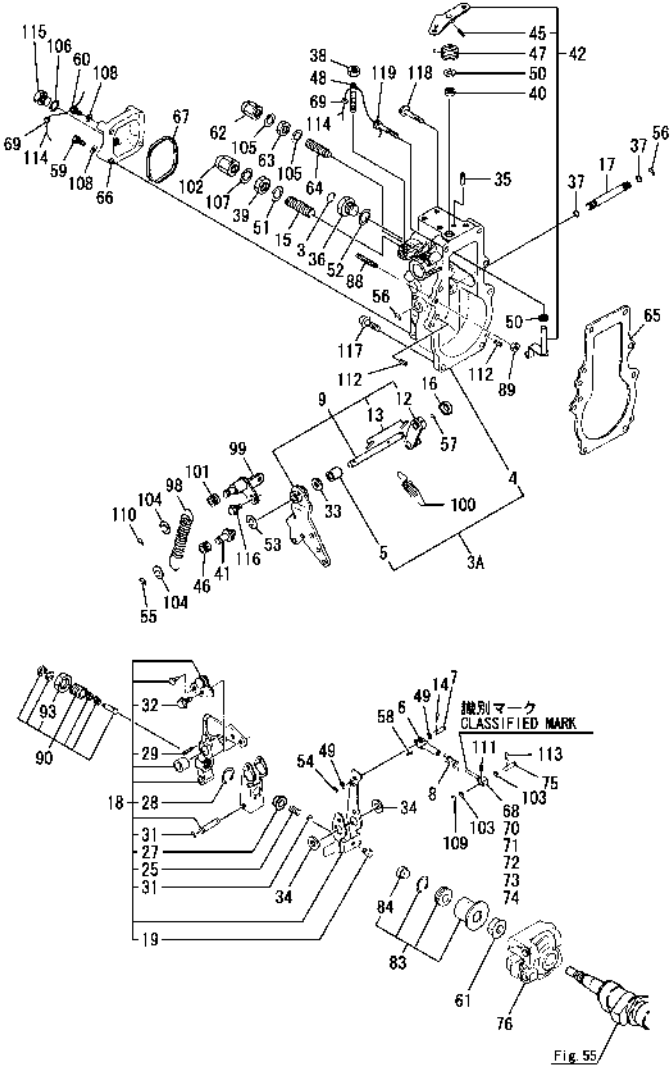


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
60	2	26116-050306	BOLT, M5X 30 PLATED			1					
61	2	26376-120002	NUT, M12			1					
62	2	26667-080002	NUT, CAP M8			1					
62-1	2	152623-51560	NUT (C=EXXXXX)			1					R
63	2	26756-080002	NUT, LOCK M8			1					
64	2	26911-080322	SCREW, M8X32			1					
65	2	119000-61052	GASKET			1					
66	2	119187-61071	COVER, GOVERNOR CASE			1					
67	2	120323-61070	GASKET			1					
68	2	119000-61090	LINK, MARK-A L=41			1					1
69	2	135210-61090	LEAD			2					
69-1	2	114780-61090	TIN (C=EXXXXX)			2					N
70	2	119000-61100	LINK, MARK-B L=43			1					1
71	2	119000-61110	LINK, MARK-4 L=45			1					1
72	2	119000-61140	LINK, MARK-1 L=40			1					1
73	2	119000-61150	LINK, MARK-2 L=42			1					1
74	2	119000-61160	LINK, MARK-3 L=44			1					1
75	2	119000-61180	PIN, LINK			1					
76	2	119173-61200	WEIGHT ASSY,GOVERNOR			1					
83	2	119187-61300	SLEEVE ASSY			1					
84	3	119000-61310	SHIFTER			1					2
84A	3	119192-61310	SHIFTER			1					2
84B	3	119593-61310	SHIFTER			1					2
84C	3	119192-61320	SHIFTER			1					2
84D	3	119192-61330	SHIFTER			1					2
88	2	129155-61460	BOLT, IDLE			1					
89	2	119000-61470	NUT, M6			1					
90	2	119187-61551	ANGLEICH ASSY			1					
93	3	124616-61580	NUT, LOCK			1					
98	2	119173-61651	SPRING			1					
99	2	119173-61660	SUPPORT, SPRING			1					
100	2	120323-61710	SPRING, GOVERNOR			1					
101	2	144626-61781	PIECE			1					
102	2	129100-61930	NUT, CAP			1					
103	2	22117-050000	WASHER, 5			2					
104	2	22117-080000	WASHER, 8			2					
105	2	22190-080002	WASHER, SEAL 6			2					
106	2	22190-120002	WASHER, SEAL 12			1					
107	2	22190-120002	WASHER, SEAL 12			1					
108	2	22217-050000	WASHER, SPRING 5			4					
109	2	22272-000040	RING, E- 4			1					
110	2	22272-000060	RING, E- 6			1					
110-1	2	22276-000060	RING, E- 6 (C=EXXXXX)			1					R
111	2	22351-030025	PIN, SPRING 3.0X25			1					
112	2	22351-050020	PIN, SPRING 5.0X20			2					
113	2	22372-050000	PIN, SNAP 5			1					
114	2	22453-060000	WIRE, 0.6			2					
114-1	2	120325-61100	WIRE, 1.0			2					N

Fig.52. GOVERNOR(4LH-DTE)(FROM EXXXXX)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

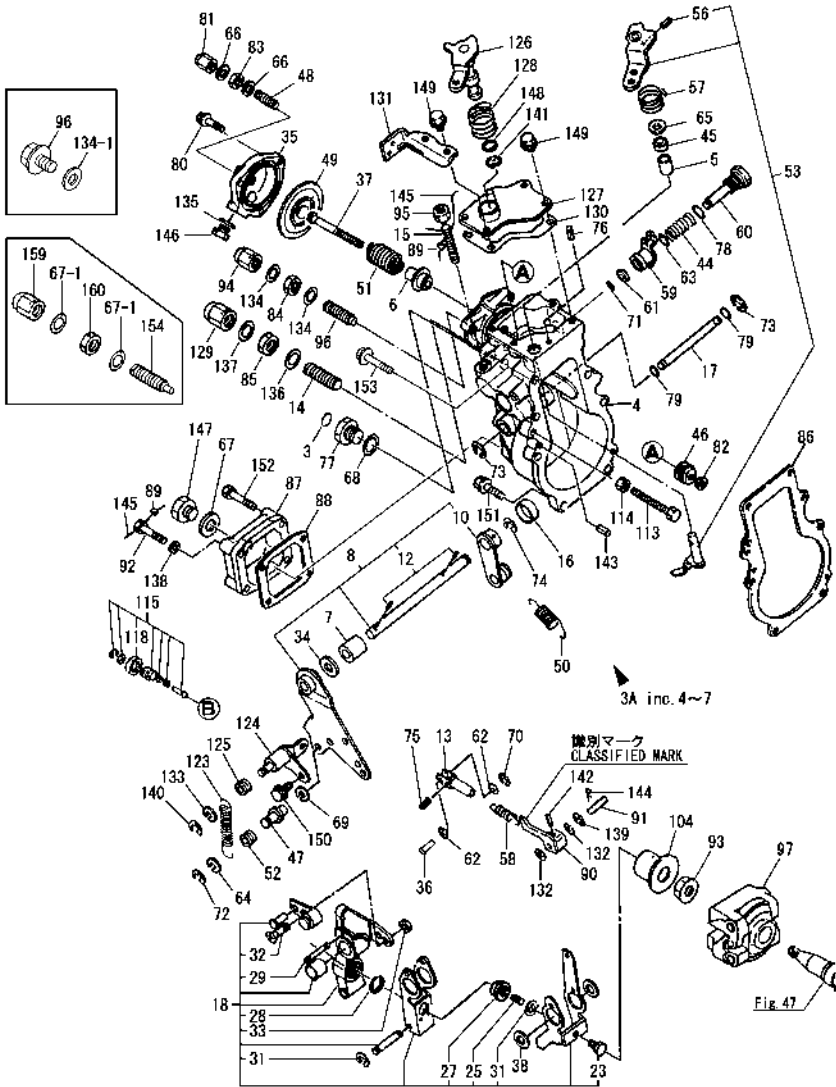


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
				(C=EXXXXX)							
115	2	23887-120002	PLUG, 12				1				
116	2	26106-060122	BOLT, M6X 12 PLATED				1				
117	2	26106-060222	BOLT, M6X 22 PLATED				6				
118	2	26106-060352	BOLT, M6X 35 PLATED				1				
119	2	26106-060402	BOLT, M6X 40 PLATED				1				

Remarks
(1)Selective parts:certain the classification mark,then place your order.(Ref.to.illustration)
(2)Selective parts.

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

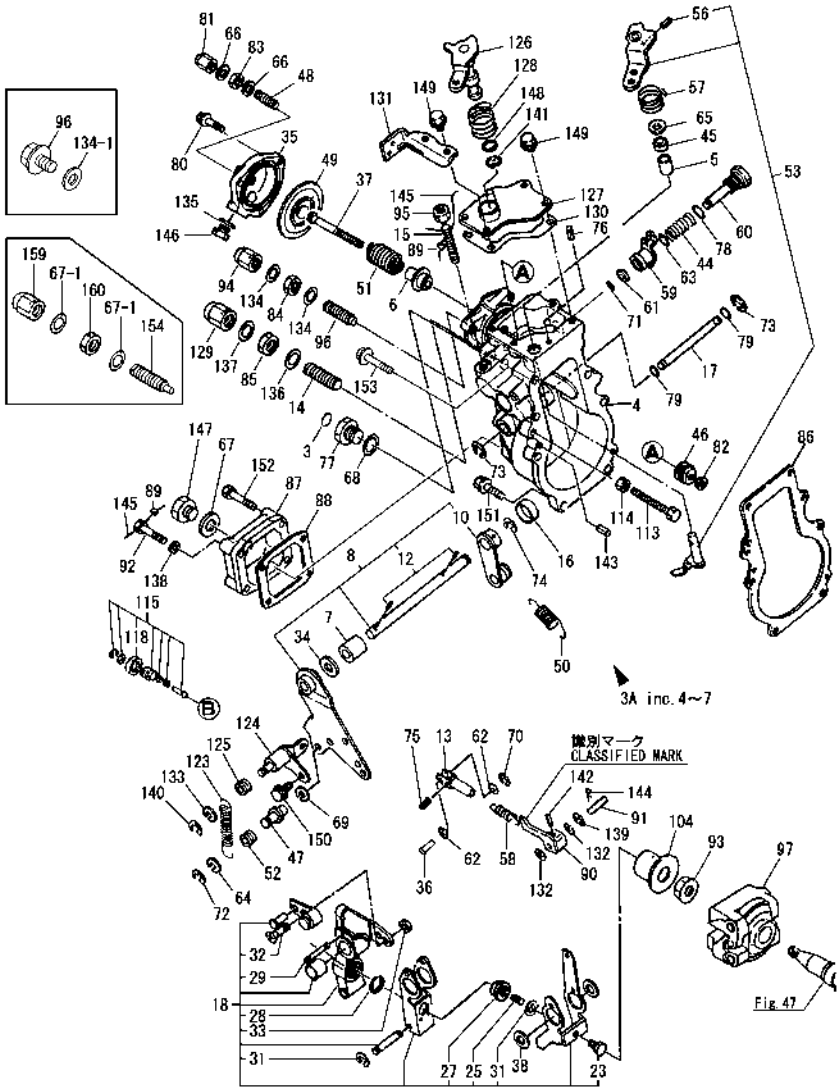


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	3	124610-51970	LABEL				1				
3A	3	119573-61030	CASE, GOVERNOR				1				W
(D=EXXXXX)											
4	4	119573-61010	CASE, GOVERNOR				1				
5	4	127695-61840	BUSH				1				
6	4	129595-61610	BUSH				1				
7	4	120323-61430	BUSH				2				
8	3	119173-61400	LEVER ASSY, CONTROL				1				
10	4	120323-61420	LEVER, GOVERNOR				1				
12	4	22322-030220	PIN, TAPER 3X22				2				
13	3	119000-61120	LINK				1				
14	3	127695-61450	BOLT, CONTROL				1				
15	3	121850-61470	BOLT, LIMITER				1				
16	3	129795-61470	PLUG, 20				1				
17	3	119000-61490	SHAFT				1				
18	3	119174-61500	LEVER ASSY, GOVERNOR				1				
23	4	127495-61540	SHIFTER				1				
25	4	120130-61600	SPRING, FUEL CONTROL				1				
27	4	119187-61911	RETAINER, SPRING				1				
28	4	119187-61920	CIRCLIP				1				
29	4	119187-61930	PIN				1				
31	4	22272-000040	RING, E- 4				5				
32	4	26577-060162	SCREW, M6X16				1				
33	4	26716-060002	NUT, M6				1				
34	3	120320-61540	SEAL, SC102004				1				
35	3	129595-61600	CASE				1				
36	3	119595-61170	PIN, LINK				1				
37	3	129595-61620	ROD, SLIDER				1				
38	3	119000-61630	SHIM SET				1				
44	3	119593-61650	SPRING				1				
45	3	148616-61650	SEAL, VC081404				1				
46	3	127495-61660	RING				1				
47	3	121850-61670	BOLT				1				
48	3	129595-61670	BOLT, ADJUSTER				1				
48-1	3	129595-61671	BOLT, ADJUSTING				1				N
(D=EXXXXX)											
49	3	129595-61680	DIAPHRAGM				1				
49-1	3	129595-61681	DIAPHRAGM ASSY				1				N
(D=EXXXXX)											
50	3	119588-61700	SPRING, GOVERNOR				1				
51	3	119593-61760	SPRING, DIAPHRAGM				1				
52	3	144626-61781	PIECE				1				
53	3	119593-61800	LEVER ASSY, STOP				1				
56	4	22351-030016	PIN, SPRING 3.0X16				1				
57	3	119593-61830	SPRING, RETURN				1				
58	3	119187-61190	SPRING				1				
59	3	119594-61850	LEVER				1				
60	3	119593-61860	SHAFT				1				
61	3	119593-61890	SPACER				1				
62	3	22117-050000	WASHER, 5				2				
63	3	22117-080000	WASHER, 8				1				

Remarks
(1)Pitch 51
(2)Pitch 52
(3)Pitch 53
(4)Pitch 51.5
(5)Pitch 52.5
(6)Pitch 53.5

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



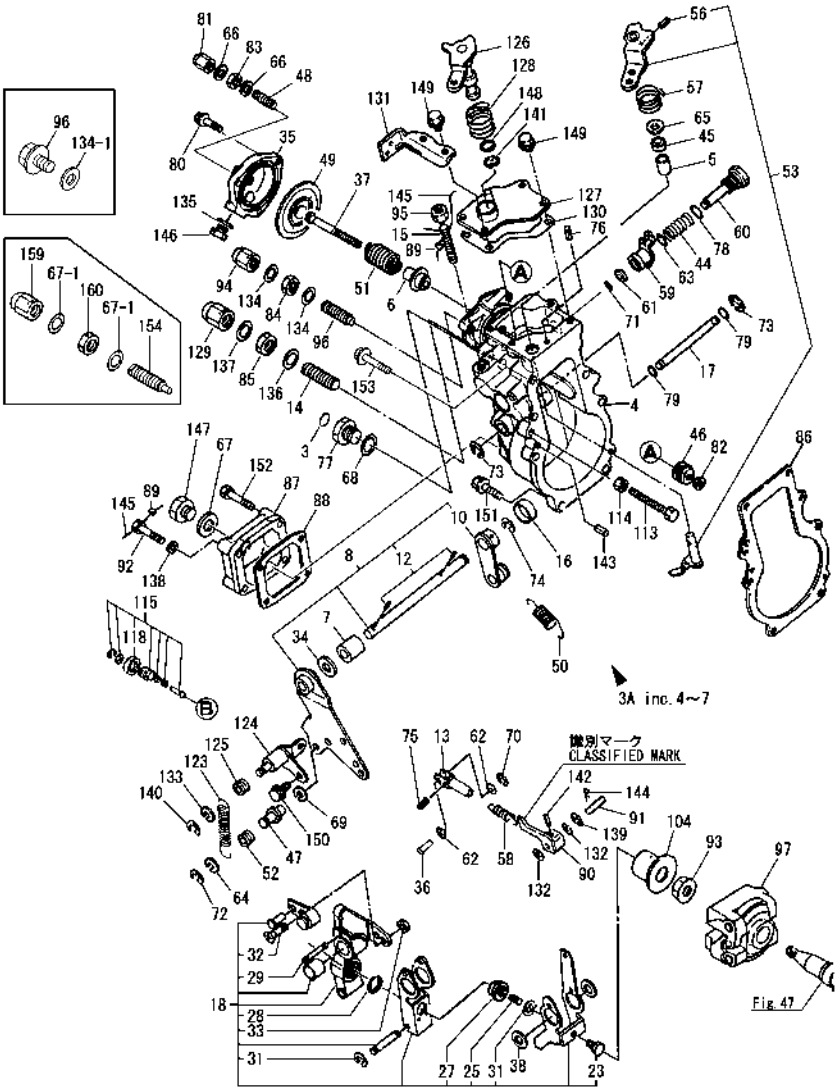
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
64	3	22117-080000	WASHER, 8				1				
65	3	22137-080000	WASHER, 8				1				
66	3	22190-080000	WASHER, SEAL 8				2				
66-1	3	22190-080002	WASHER, SEAL 6				2			N	
			(D=EXXXXX)								
67	3	22190-120002	WASHER, SEAL 12				1				
67-1	3	22190-120002	WASHER, SEAL 12				2			K	
			(D=EXXXXX)								
68	3	22190-160002	WASHER, SEAL 16				1				
69	3	22217-080000	WASHER, SPRING 8				1				
70	3	22272-000040	RING, E- 4				1				
71	3	22272-000060	RING, E- 6				1				
72	3	22272-000060	RING, E- 6				1				
72-1	3	22276-000060	RING, E- 6				1			R	
			(D=EXXXXX)								
73	3	22272-000080	RING, E- 8				2				
74	3	22272-000080	RING, E- 8				1				
75	3	22351-030016	PIN, SPRING 3.0X16				1				
76	3	22492-060362	PIN, B6X36				1				
77	3	23887-160002	PLUG, 16				1				
78	3	24311-000120	O-RING, 1AP12.0				1				
79	3	24341-000080	O-RING, 1AS8.0				2				
80	3	26106-060182	BOLT, M6X 18 PLATED				3				
81	3	26667-080002	NUT, CAP M8				1				
82	3	26756-060002	NUT, LOCK M6				1				
82-1	3	26716-060002	NUT, M6				1			R	
			(D=EXXXXX)								
83	3	26756-080002	NUT, LOCK M8				1				
84	3	26756-080002	NUT, LOCK M8				1			Z	
			(D=EXXXXX)								
85	3	26777-120002	NUT, LOCK M12				1				
86-1	2	119000-61052	GASKET				1			R	
87	2	119187-61071	COVER, GOVERNOR CASE				1				
88	2	127695-61071	GASKET				1				
89	2	135210-61090	LEAD				3				
89-1	2	114780-61090	TIN				3			N	
			(D=EXXXXX)								
90	2	119593-61100	LINK				1				1
90A	2	119593-61110	LINK				1				2
90B	2	119593-61120	LINK				1				3
90C	2	119593-61130	LINK, 10.5				1				4
90D	2	119593-61140	LINK, 11.5				1				5
90E	2	119593-61150	LINK, 12.5				1				6
91	2	119000-61180	PIN, LINK				1				
92	2	26116-060306	BOLT, M6X 30 PLATED				1				
93	2	26376-120002	NUT, M12				1				
94	2	26667-080002	NUT, CAP M8				1			Z	
			(D=EXXXXX)								
95	2	26756-080002	NUT, LOCK M8				1				
96	2	26911-080402	SCREW, M8X40				1				
96-1	2	26106-080122	BOLT, M8X 12 PLATED				1			R	

Remarks
(1)Pitch 51
(2)Pitch 52
(3)Pitch 53
(4)Pitch 51.5
(5)Pitch 52.5
(6)Pitch 53.5

Fig.53. GOVERNOR(4LH-STE)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

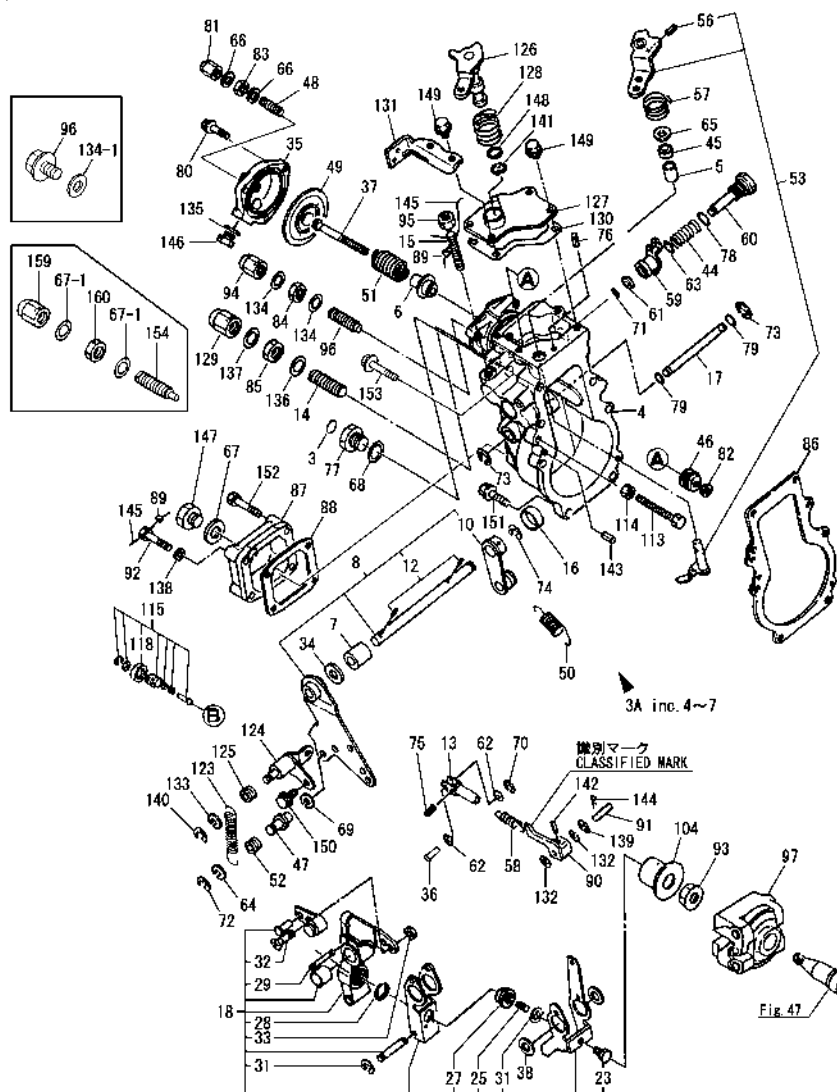
(D)=4LH-STE
(E)=
(F)=



- Remarks
(1)Pitch 51
(2)Pitch 52
(3)Pitch 53
(4)Pitch 51.5
(5)Pitch 52.5
(6)Pitch 53.5

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
(D=EXXXXX)											
97	2	119173-61200	WEIGHT ASSY,GOVERNOR				1				
104	2	119187-61300	SLEEVE ASSY				1				
113	2	171353-61460	BOLT, IDLE				1				
114	2	119000-61470	NUT, M6				1				
115	2	119174-61550	ANGLEICH ASSY				1				
118	3	124616-61580	NUT, LOCK				1				
123	2	119173-61651	SPRING				1				
124	2	119173-61660	SUPPORT, SPRING				1				
125	2	144626-61781	PIECE				1				
126	2	119593-61900	LEVER				1				
127	2	119593-61910	COVER				1				
128	2	119593-61920	SPRING, RETURN				1				
129	2	129100-61930	NUT, CAP				1				
130	2	127695-61961	GASKET				1				
131	2	119593-61990	SUPPORT, WIRE				1				
132	2	22117-050000	WASHER, 5				2				
133	2	22117-080000	WASHER, 8				1				
134	2	22190-080002	WASHER, SEAL 6				2				
134-1	2	22190-080002	WASHER, SEAL 6				1			K	
(D=EXXXXX)											
135	2	22190-100002	WASHER, SEAL 10				1				
136	2	22190-120002	WASHER, SEAL 12				1				
137	2	22190-120002	WASHER, SEAL 12				1				
138	2	22217-060000	WASHER, SPRING 6				1				
139	2	22272-000040	RING, E- 4				1				
140	2	22272-000060	RING, E- 6				1				
140-1	2	22276-000060	RING, E- 6				1			R	
(D=EXXXXX)											
141	2	22272-000100	RING, E-10				1				
141-1	2	22276-000100	RING, E-10				1			R	
(D=EXXXXX)											
142	2	22351-030025	PIN, SPRING 3.0X25				1				
143	2	22351-050020	PIN, SPRING 5.0X20				2				
144	2	22372-050000	PIN, SNAP 5				1				
145	2	22453-060000	WIRE, 0.6				3				
145-1	2	120325-61100	WIRE, 1.0				3			N	
(D=EXXXXX)											
146	2	23887-100002	PLUG, 10				1				
147	2	23887-120002	PLUG, 12				1				
148	2	24311-000110	O-RING, 1AP11.0				1				
149	2	26106-060122	BOLT, M6X 12 PLATED				4				
150	2	26106-060122	BOLT, M6X 12 PLATED				1				
151	2	26106-060222	BOLT, M6X 22 PLATED				6				
152	2	26106-060302	BOLT, M6X 30 PLATED				3				
153	2	26106-060402	BOLT, M6X 40 PLATED				1				
154	2	127695-61551	IDLE ASSY				1			W	
(D=EXXXXX)											
159	2	129100-61930	NUT, CAP				1			W	
(D=EXXXXX)											
160	2	26777-120002	NUT, LOCK M12				1			W	

Fig.53. GOVERNOR(4LH-STE)



- (1) Pitch 51
- (2) Pitch 52
- (3) Pitch 53
- (4) Pitch 51.5
- (5) Pitch 52.5
- (6) Pitch 53.5

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
(D=EXXXXX)											

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

Fig.54. FUEL FEED PUMP

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119000-52000	PUMP ASSY, FUEL FEED			1					
1A	1	119593-52000	PUMP ASSY, FUEL FEED				1				
2	2	121820-52020	BODY ASSY, PUMP			1	1				
4	3	121820-52040	SEAL, OIL			1	1				
5	3	121820-52050	GASKET			2	2				
6	2	121820-52070	PIN			1	1				
14	2	121820-52170	PISTON			1					
14A	2	135200-52170	PISTON				1				
15	2	121820-52180	SPRING, VALVE			1					
15A	2	119593-52180	SPRING, VALVE				1				
16	2	121820-52190	RETAINER, SPRING			1					
16A	2	119588-52190	RETAINER, SPRING				1				
17	2	121820-52200	GASKET, 25			1	1				
18	2	121820-52210	VALVE			2	2				
19	2	121820-52230	RETAINER, SPRING			1	1				
20	2	121820-52300	PUMP, PRIMING			1	1				
21	2	121820-52400	COVER			1	1				Z
			(C=E23619) (D=E51549)								
22	2	121820-52510	SPRING, VALVE			2	2				
23	2	124410-51860	GASKET			1	1				
23-1	2	124410-51861	GASKET			1	1				N
			(C=*1992.09) (D=*1992.09)								
24	2	119588-52180	SPRING, VALVE				1				
25	2	26716-060002	NUT, M6			3	3				
26	2	22217-060000	WASHER, SPRING 6			3	3				

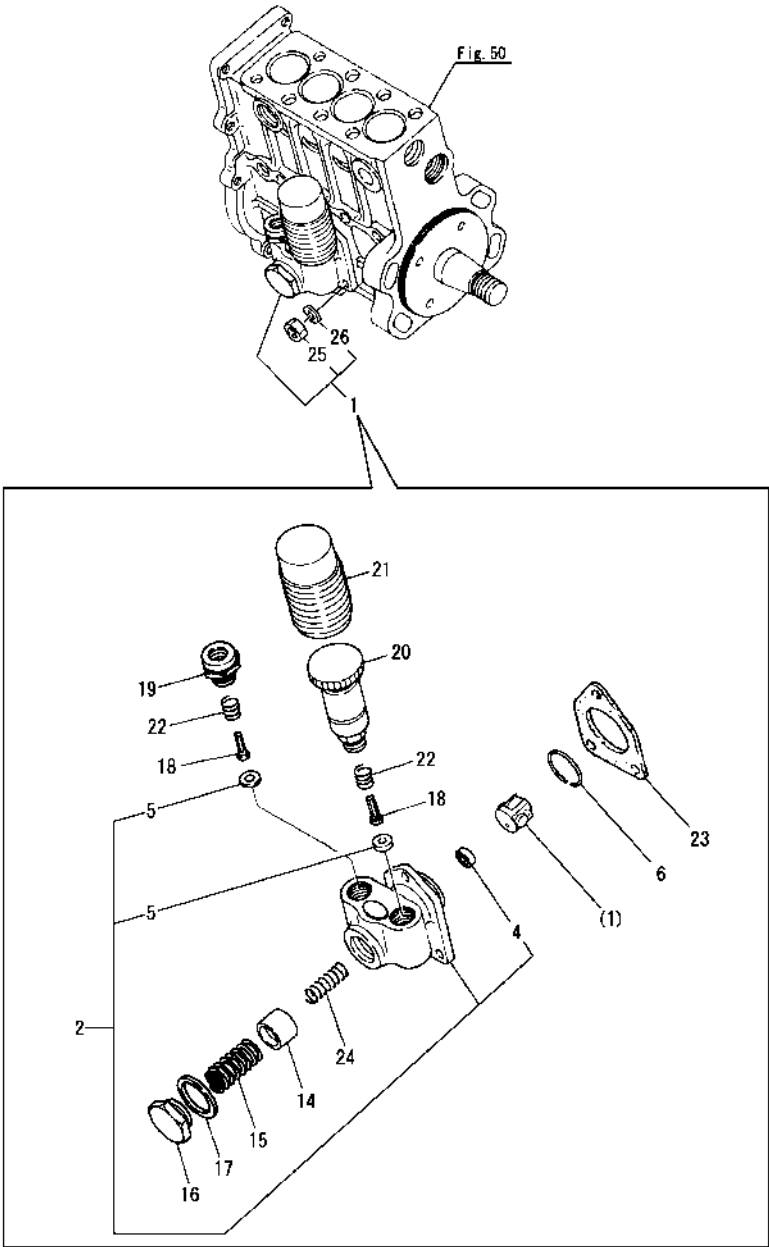
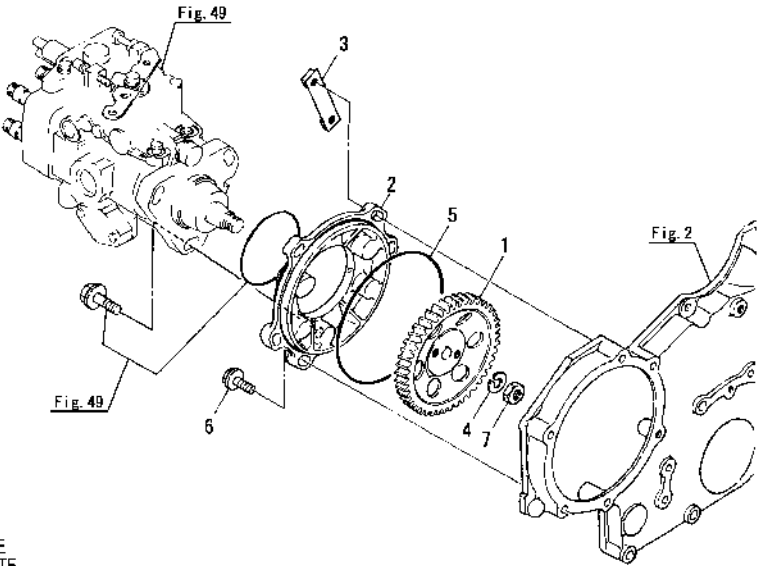


Fig.55. TIME & FUEL INJECTION PUMP DRIVING DEVICE

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-25900	GEAR, PUMP	1	1						
1-1	1	119171-25920	GEAR, PUMP	1	1						N
		(A=E10921) (B=E21806)									
2	1	119171-25910	BRACKET, PUMP	1	1						
2A	1	119000-25910	BRACKET, PUMP			1	1				
3	1	119000-25920	RETAINER	1	1	1	1				
4	1	22217-140000	WASHER, SPRING 14	1	1						
5	1	24341-001350	O-RING, 1AS135.0	1	1	1	1				
6	1	26106-080252	BOLT, M8X 25 PLATED	3	3	3	3				
7	1	26776-140002	NUT, LOCK M14	1	1						
8	1	121850-01900	STUD, SB10X32			4	4				
8-1	1	26226-100322	STUD, M10X 32			4	4				R
		(C=EXXXXX) (D=EXXXXX)									
9	1	124410-51960	O-RING			1	1				
10	1	144606-54900	NUT, CAP			1	1				
11	1	144606-54910	WASHER			1	1				
12	1	106100-55800	WASHER			3	3				
13	1	22351-050012	PIN, SPRING 5.0X12			1	1				
14	1	26366-100002	NUT, M10			4	4				
14-1	1	26306-100002	NUT, M10			4	4				N
		(C=EXXXXX) (D=EXXXXX)									
15	1	119175-54580	BOLT					1			
16	1	719192-54800	TIMER ASSY			1					
16-1	1	719173-54100	TIMER ASSY			1					R
		(C=EXXXXX)									
16A	1	719175-54800	TIMER ASSY					1			
16A-1	1	719175-54801	TIMER ASSY					1			N
		(D=E52595)									
16A-2	1	719175-54102	TIMER ASSY(4LH-STE					1			R
		(D=EXXXXX)									



4LH-TE
4LH-HTE
4LH-DTE
4LH-STE

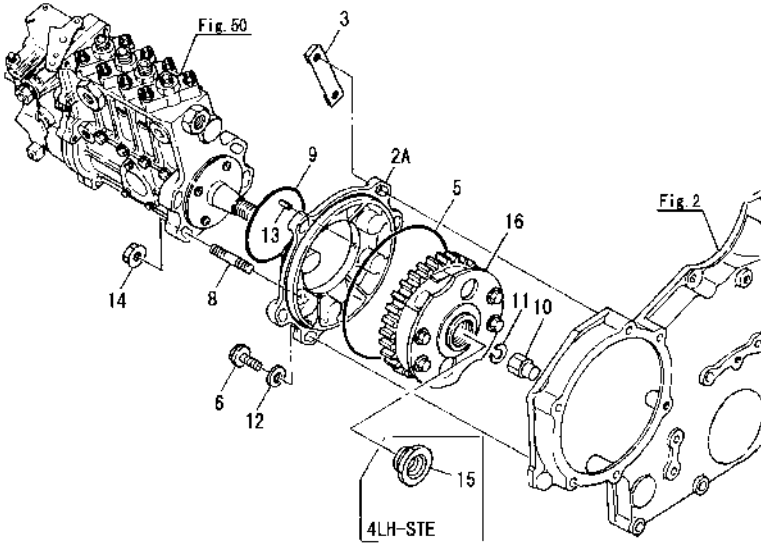
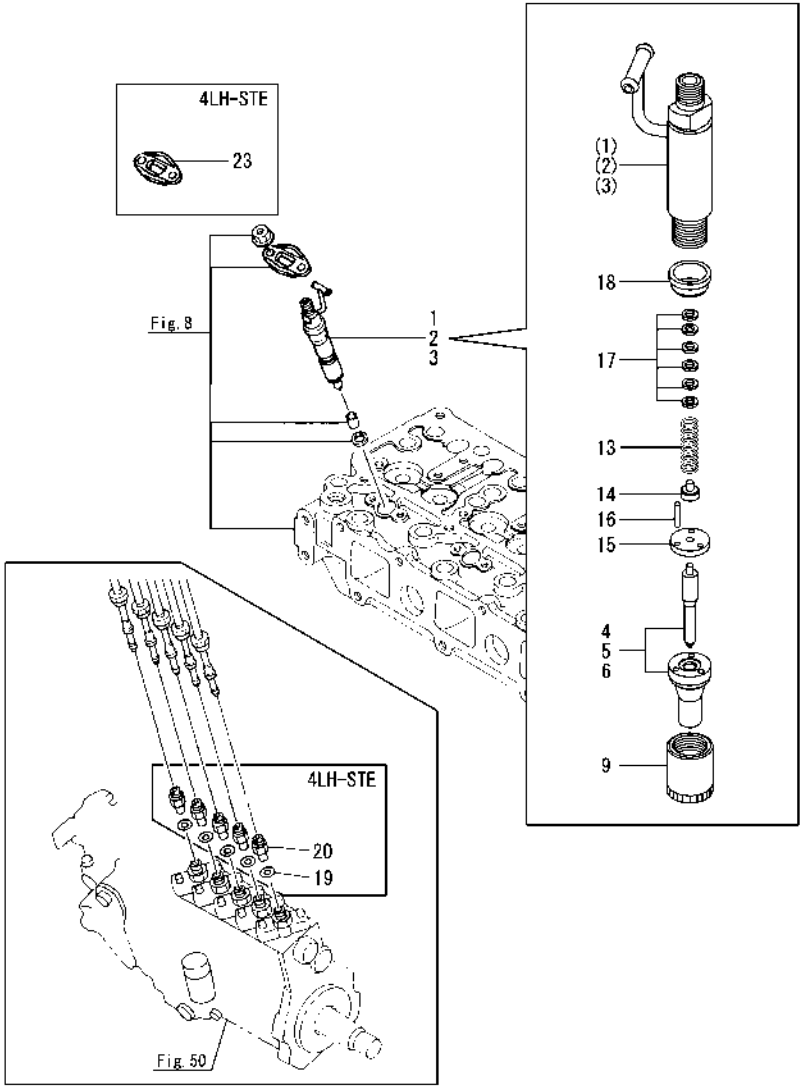


Fig.56. FUEL INJECTION VALVE



							OCR10-M32504 Fig.56				
							(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE		(D)=4LH-STE (E)= (F)=		
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719171-53100	VALVE ASSY,INJECTION	4							
2	1	719172-53100	VALVE ASSY,INJECTION		4						
2-1	1	719171-53100	VALVE ASSY,INJECTION		4						N
(B=E21833)											
3	1	719173-53100	VALVE ASSY,INJECTION			4					
3A	1	719175-53100	VALVE ASSY,INJECTION				4				
4	2	119171-53000	VALVE ASSY,INJECTION	4							
5	2	119172-53000	VALVE ASSY,INJECTION		4						
5-1	2	119171-53000	VALVE ASSY,INJECTION		4						N
(B=E21833)											
6	2	119173-53001	VALVE ASSY,INJECTION			4					
6A	2	119175-53000	VALVE ASSY,INJECTION				4				
9	2	114250-53080	NUT, NOZZLE D16.95	4	4	4					
9A	2	119593-53080	NUT, NOZZLE					4			
13	2	114250-53120	SPRING, NOZZLE	4	4	4					
13A	2	119593-53120	SPRING, NOZZLE					4			
14	2	114250-53130	SEAT, SPRING	4	4	4					
14A	2	119593-53130	SEAT, SPRING					4			
15	2	114250-53140	PLATE	4	4	4					
15A	2	119593-53140	PLATE					4			
16	2	114250-53210	PIN	8	8	8	8				
17	2	114250-53400	SHIM SET	4	4	4	4				
18	2	129120-11920	COVER	4	4	4					
18-1	2	129470-11920	GASKET	4	4	4	4				N
(A=*1991.03.) (B=*1991.03.) (C=*1991.03.)											
18-2	2	129685-11930	GASKET, NOZZLE	4	4	4					R
(A=*2005.09.) (B=*2005.09.) (C=*2005.09.)											
19	2	119594-53290	GASKET				4				
20	2	119175-53300	JOINT ASSY				4				
23	2	119625-11900	RETAINER, NOZZLE				4				

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-59120	RETAINER, PIPE	2	2						
1-1	1	122780-59080	RETAINER ASSY	2	2	1	3			S	
(A=*1987.08) (B=*1987.08)											
4	2	129150-59130	BOLT, M4X12	2	2						
4-1	2	26106-060202	BOLT, M6X 20 PLATED	4	4	2	6			N	
(A=*1987.08) (B=*1987.08)											
4A	2	26366-060002	NUT, M6	4	4	2	6			W	
(A=*1987.08) (B=*1987.08)											
5	1	129550-59120	RETAINER, PIPE	2	2						
5-1	1	123472-59090	RETAINER ASSY	1	1	1				S	
(A=*1987.08) (B=*1987.08)											
8	2	129150-59130	BOLT, M4X12	2	2						
8-1	2	26106-060202	BOLT, M6X 20 PLATED	2	2	2				S	
(A=*1987.08) (B=*1987.08)											
8A	2	26366-060002	NUT, M6	2	2	2				W	
(A=*1987.08) (B=*1987.08)											
10	1	119171-59810	PIPE ASSY, INJECTION	1	1						
10A	1	119100-59810	PIPE ASSY, INJECTION			1					
11	1	119171-59820	PIPE ASSY, INJECTION	1	1						
11A	1	119100-59820	PIPE ASSY, INJECTION			1					
12	1	119171-59830	PIPE ASSY, INJECTION	1	1						
12A	1	119100-59830	PIPE ASSY, INJECTION			1					
13	1	119171-59840	PIPE ASSY, INJECTION	1	1						
13A	1	119100-59840	PIPE ASSY, INJECTION			1					
14	1	123372-59080	RETAINER			1					
16	2	26106-060202	BOLT, M6X 20 PLATED			2					
17	2	26366-060002	NUT, M6			2					
19	1	119181-59810	PIPE ASSY, INJECTION				1				
19-1	1	119181-59811	PIPE ASSY, INJECTION				1			N	
(D=E50102)											
20	1	119181-59820	PIPE ASSY, INJECTION				1				
20-1	1	119181-59821	PIPE ASSY, INJECTION				1			N	
(D=E50102)											
21	1	119181-59830	PIPE ASSY, INJECTION				1				
21-1	1	119181-59831	PIPE ASSY, INJECTION				1			N	
(D=E50102)											
22	1	119181-59840	PIPE ASSY, INJECTION				1				
22-1	1	119181-59841	PIPE ASSY, INJECTION				1			N	
(D=E50102)											
23	1	26106-060252	BOLT, M6X 25 PLATED				4				
24	1	119181-59120	BRACKET				1				

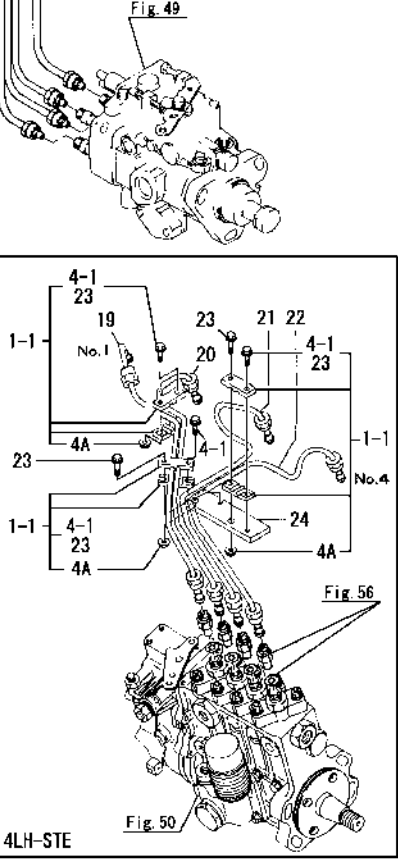
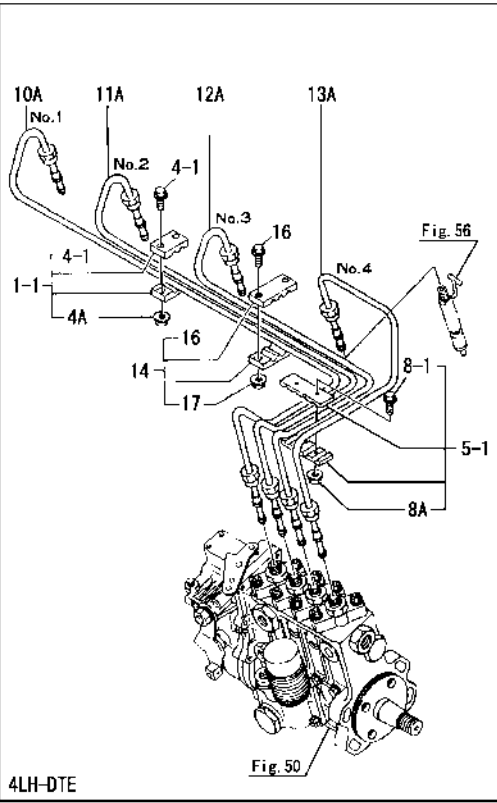
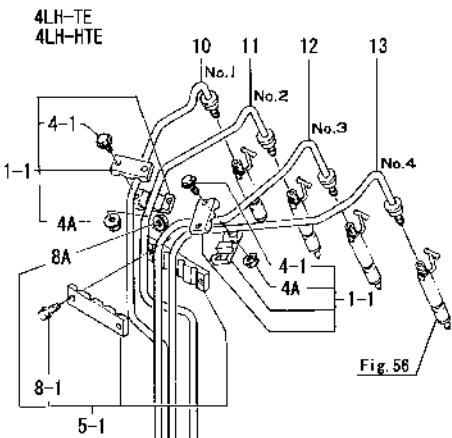
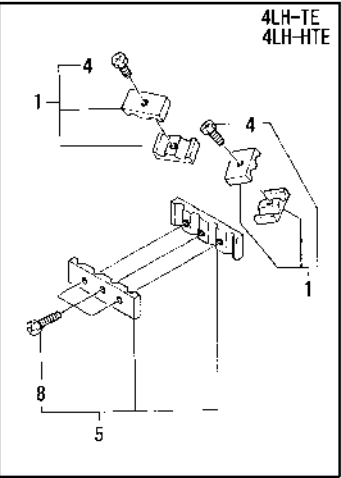
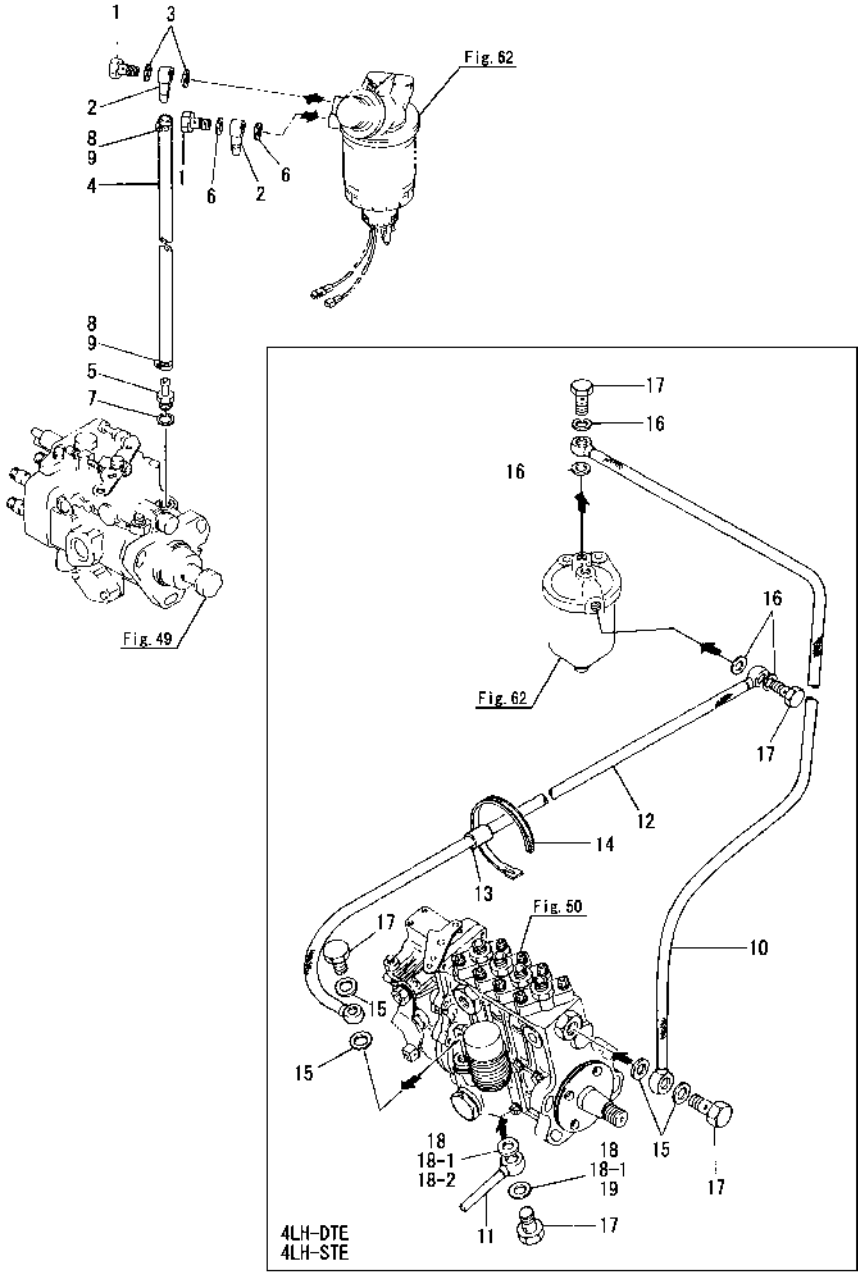


Fig.58. FUEL PIPE

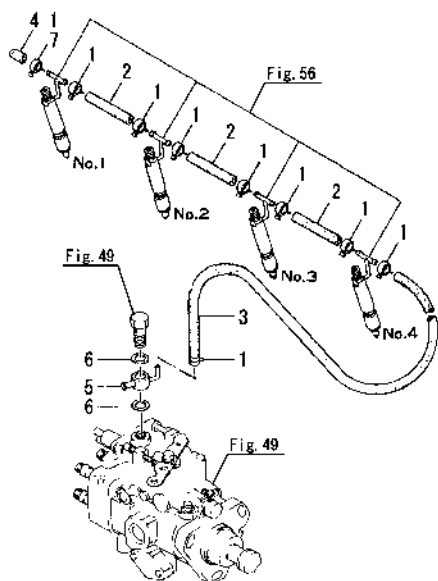
(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



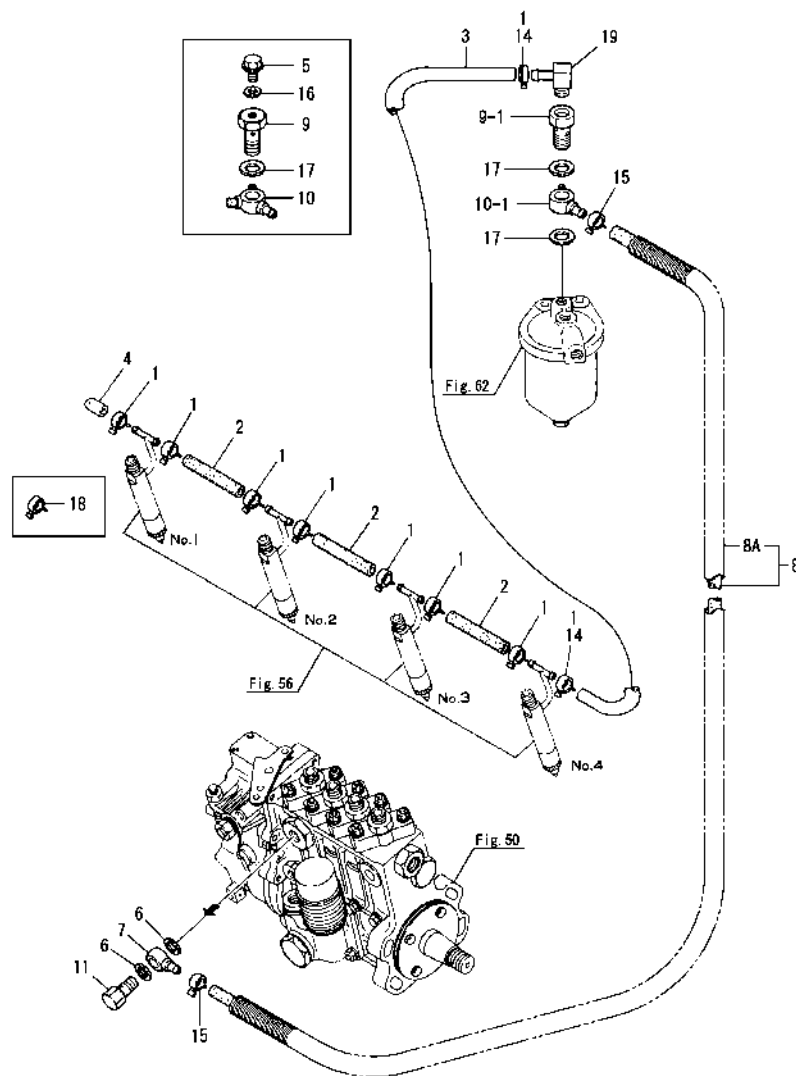
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194256-04820	BOLT, JOINT M6	2	2						
2	1	104264-59020	JOINT	2	2						
2-1	1	101304-59020	JOINT, PIPE 12	2	2						N
3	1	22190-120002	WASHER, SEAL 12	2	2						
4	1	129470-59540	PIPE, FUEL	1	1						
4-1	1	119172-59201	PIPE, FUEL	1	1						N
5	1	119171-59910	JOINT, PIPE	1	1						
6	1	22190-120002	WASHER, SEAL 12	2	2						
7	1	22190-120002	WASHER, SEAL 12	1	1						
8	1	23000-016000	CLAMP, 16	2	2						Z
9	1	23000-019000	CLAMP, 19	2	2						W
10	1	119187-59020	PIPE, FUEL			1	1				
10-1	1	119187-59021	PIPE, FUEL			1	1				R
10-2	1	119187-59022	PIPE, FUEL L=365			1	1				N
11	1	123325-59420	PIPE ASSY, FUEL			1	1				
12	1	119187-59011	PIPE, FUEL			1	1				
12-1	1	119187-59012	PIPE, FUEL			1	1				R
12-2	1	119187-59013	PIPE, FUEL			1	1				N
13	1	124770-77940	PROTECTOR			1	1				W
14	1	121750-59890	BAND, 140			1	1				
15	1	22190-140002	WASHER, SEAL 14			4	4				
16	1	22190-140002	WASHER, SEAL 14			4	4				
17	1	23857-080000	BOLT, JOINT 8			5	5				
18	1	23414-140000	GASKET, 14X1.0			2	2				
18-1	1	22190-140002	WASHER, SEAL 14			2	2				N
18-2	1	124450-01980	GASKET			1	1				N
19	1	23414-140018	GASKET, 14X1.0			1	1				W

Fig.59. FUEL RETURN PIPE(4LH-TE,HTE)



No.	Lev.	Parts No.	Description	(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE		(D)=4LH-STE (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124066-59100	CLIP, HOSE 8	9	9						
1-1	1	124066-59100	CLIP, HOSE 8	8	8						K
		(A=E11033)	(B=E22138)								
1-2	1	23000-016000	CLAMP, 16	8	8						N
		(A=E11139)	(B=E22566)								
1-3	1	23000-016000	CLAMP, 16	9	9						K
		(A=E11193)	(B=E22695)								
2	1	119000-59550	PIPE, FUEL RETURN	3	3						
2-1	1	129495-59552	PIPE, FUEL	3	3						N
		(A=E11139)	(B=E22566)								
2-2	1	129495-59553	PIPE, FUEL	3	3						N
		(A=E11193)	(B=E22695)								
3	1	129100-59560	PIPE, FUEL RETURN	1	1						
3-1	1	119182-59561	PIPE, FUEL RETURN	1	1						N
		(A=E11139)	(B=E22566)								
3-2	1	119182-59562	PIPE, FUEL	1	1						N
		(A=E11193)	(B=E22695)								
4	1	129150-59580	CAP	1	1						
4-1	1	119593-59580	CAP	1	1						N
		(A=E11033)	(B=E22138)								
4-2	1	129270-59580	CAP	1	1						N
		(A=E11193)	(B=E22695)								
5	1	119171-59990	JOINT, PIPE	1	1						
5-1	1	129901-59580	JOINT, PIPE	1	1						N
		(A=EXXXXXX)	(B=EXXXXXX)								
6	1	22190-120002	WASHER, SEAL 12	2	2						
7	1	119593-59590	BAND	1	1						W
		(A=E11033)	(B=E22138)								
7-1	1	119593-59590	BAND	1	1						Z
		(A=E11193)	(B=E22695)								

Fig.60. FUEL RETURN PIPE(4LH-DTE)

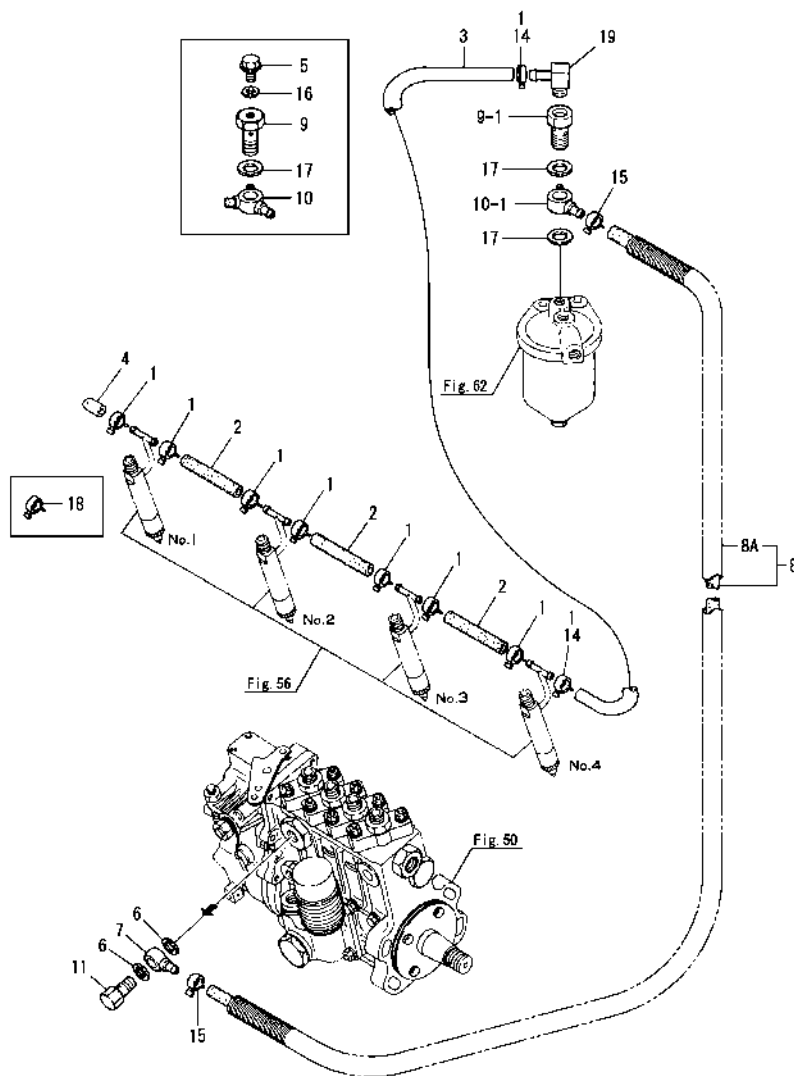


Remarks
(1)Interchangeable by simultaneous replacement with Ref.No.9-1,10-1, 19.

No.	Lev.	Parts No.	Description	(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE			(D)=4LH-STE (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124066-59100	CLIP, HOSE 8			7					
1-1	1	124066-59100	CLIP, HOSE 8 (C=E23618)			6				K	
1-2	1	23000-016000	CLAMP, 16 (C=E24189)			8				N	
1-3	1	23000-016000	CLAMP, 16 (C=E24440)			9				K	
2	1	119000-59550	PIPE, FUEL RETURN			3					
2-1	1	129495-59552	PIPE, FUEL (C=E24189)			3				N	
2-2	1	129495-59553	PIPE, FUEL (C=E24440)			3				N	
3	1	129495-59561	PIPE, FUEL L=190			1					
3-1	1	129495-59562	PIPE, FUEL L=190 (C=E24189)			1				N	
3-2	1	129495-59563	PIPE, FUEL (C=E24440)			1				N	
4	1	129150-59580	CAP			1					
4-1	1	119593-59580	CAP (C=E23618)			1				N	
4-2	1	129270-59580	CAP (C=E24440)			1				N	
5	1	26106-080102	BOLT, M8X 10 PLATED (C=E23618)			1				Z	
6	1	22190-120002	WASHER, SEAL 12			2					
7	1	101304-59020	JOINT, PIPE 12			1					
8	1	119173-59120	PIPE, FUEL			1					
8-1	1	119173-59121	PIPE, FUEL (C=E24189)			1				N	
8-2	1	119173-59122	PIPE, FUEL (C=E24440)			1				N	
8-3	1	119173-59540	PIPE ASSY, RETURN (C=E24708)			1				N	
8A	2	119173-59460	TUBE, CORRUGATED 19 (C=E24708)			1				W	
9	1	129495-59300	BOLT, PIPE JOINT			1					
9-1	1	119593-59920	VALVE ASSY, CHECK (C=E23618)			1				F	1
10	1	129470-59530	JOINT, PIPE			1					
10-1	1	119593-59980	JOINT, PIPE (C=E23618)			1				F	1
10-2	1	119574-59980	JOINT, PIPE (C=E24833)			1				R	
11	1	119187-59950	VALVE ASSY, CHECK			1					
11-1	1	119194-59950	VALVE ASSY, CHECK (C=EXXXXXX)			1				N	
14	1	23000-013000	CLAMP, 13 (C=E24189)			2				Z	
15	1	23000-016000	CLAMP, 16			2					
16	1	23414-080000	GASKET, 8X1.0 (C=E23618)			1				Z	

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. FUEL RETURN PIPE(4LH-DTE)



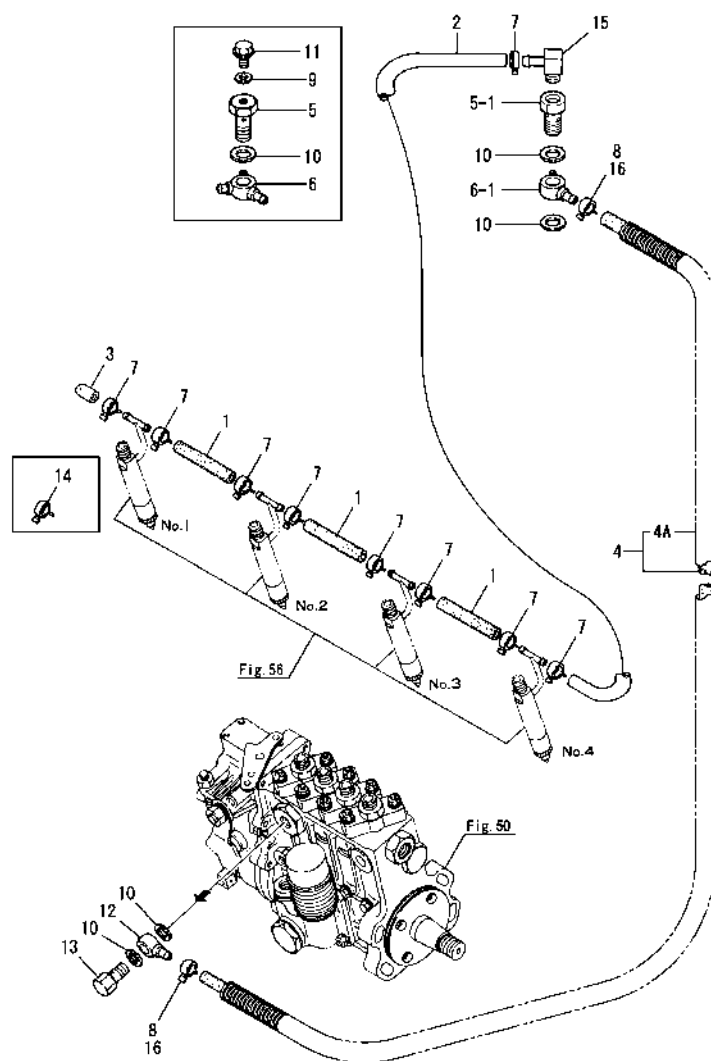
(1)Interchangeable by simultaneous replacement with Ref.No.9-1,10-1, 19.

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
17	1	22190-140002	WASHER, SEAL 14			2					
18	1	119593-59590	BAND (C=E23618)			1				W	
18-1	1	119593-59590	BAND (C=E24440)			1				Z	
19	1	119593-59960	ELBOW, PT1/8 (C=E23618)			1				W	

Fig.61. FUEL RETURN PIPE(4LH-STE)

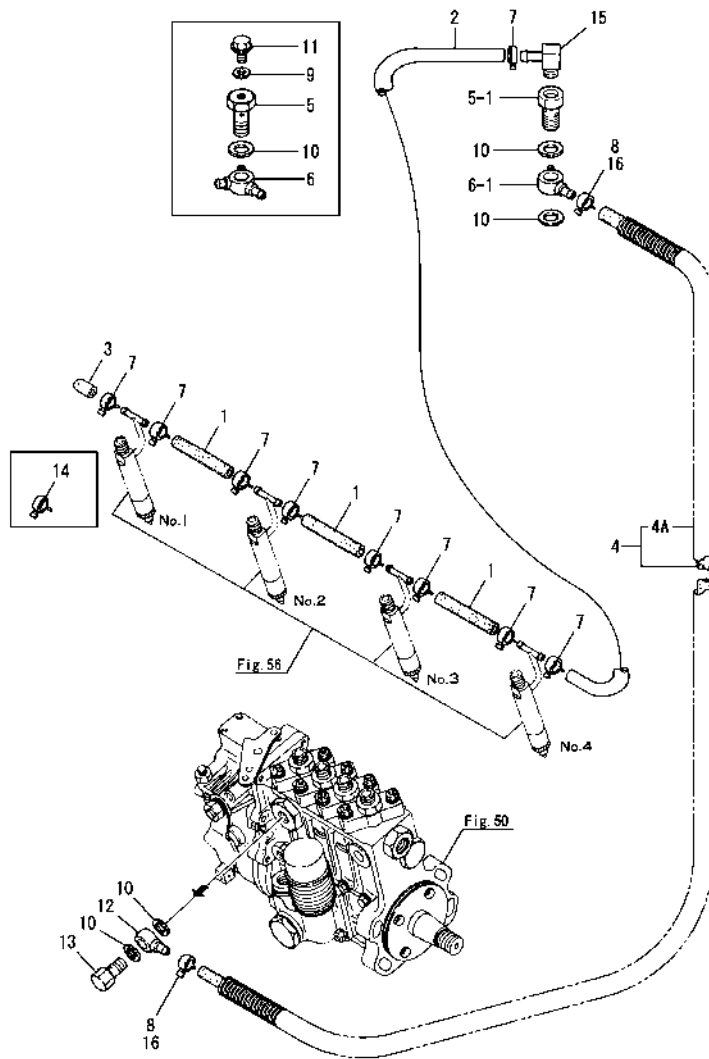


(1)Interchangeable by simultaneous replacement with Ref.No.5-1,6-1, 15.

No.	Lev.	Parts No.	Description	(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE		(D)=4LH-STE (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	129495-59551	PIPE, FUEL RETURN				3			
1-1	1	129495-59552	PIPE, FUEL (D=E52090)				3			N
1-2	1	129495-59553	PIPE, FUEL (D=E52336)				3			N
2	1	129495-59561	PIPE, FUEL L=190				1			
2-1	1	129495-59562	PIPE, FUEL L=190 (D=E52090)				1			N
2-2	1	129495-59563	PIPE, FUEL (D=E52336)				1			N
3	1	129150-59580	CAP				1			
3-1	1	129270-59580	CAP (D=E52336)				1			N
4	1	119187-59530	PIPE, 7.3X13.0X500				1			
4-1	1	128370-59101	PIPE, 7.3X13.0X500 (D=E52090)				1			N
4-2	1	119187-59531	PIPE, 7.3X13.0X500 (D=E52090)				1			N
4-3	1	119187-59532	PIPE, FUEL (D=E52336)				1			N
4-4	1	119173-59540	PIPE ASSY, RETURN (D=E52563)				1			N
4A	2	119173-59460	TUBE, CORRUGATED 19 (D=E52563)				1			W
5	1	129495-59300	BOLT, PIPE JOINT				1			
5-1	1	119593-59920	VALVE ASSY, CHECK (D=E51549)				1			F 1
6	1	129470-59530	JOINT, PIPE				1			
6-1	1	119593-59980	JOINT, PIPE (D=E51549)				1			F 1
6-2	1	119574-59980	JOINT, PIPE (D=E52679)				1			R
7	1	23000-013000	CLAMP, 13				9			
7-1	1	23000-013000	CLAMP, 13 (D=E51549)				8			K
7-2	1	23000-016000	CLAMP, 16 (D=E52090)				8			N
7-3	1	23000-016000	CLAMP, 16 (D=E52336)				9			K
8	1	23000-013000	CLAMP, 13 (D=E52090)				2			Z
9	1	23414-080000	GASKET, 8X1.0 (D=E51549)				1			Z
10	1	22190-140002	WASHER, SEAL 14				4			
11	1	26106-080102	BOLT, M8X 10 PLATED (D=E51549)				1			Z
12	1	121750-59910	JOINT				1			
13	1	119181-59950	VALVE ASSY, CHECK				1			
13-1	1	119595-59950	VALVE ASSY, CHECK (D=EXXXXX)				1			N
14	1	119593-59590	BAND				1			W

N:Old $\xrightarrow[\text{NO}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{NO}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.61. FUEL RETURN PIPE(4LH-STE)



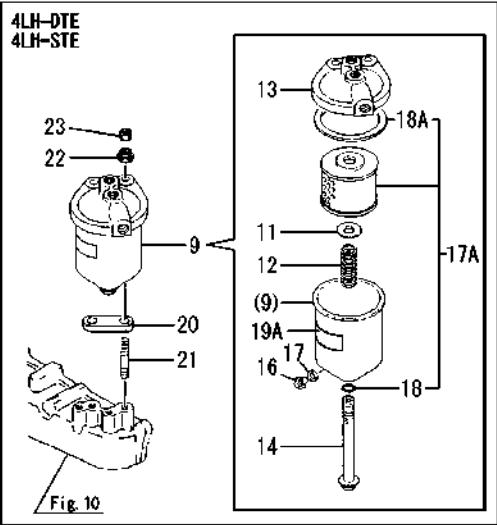
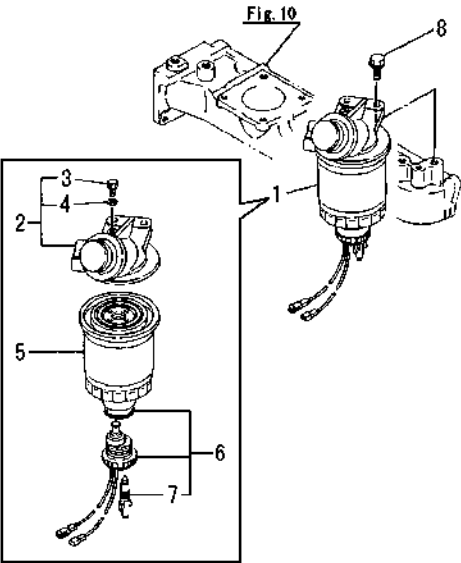
Remarks
(1)Interchangeable by simultaneous replacement with Ref.No.5-1,6-1, 15.

No.	Lev.	Parts No.	Description	(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE	(D)=4LH-STE (E)= (F)=	Q'ty				I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
14-1	1	119593-59590	BAND	(D=E51549)				1				Z
				(D=E52336)								
15	1	119593-59960	ELBOW, PT1/8					1				W
				(D=E51549)								
16	1	23000-019000	CLAMP, 19					2				W
				(D=E52336)								

Fig.62. FUEL STRAINER

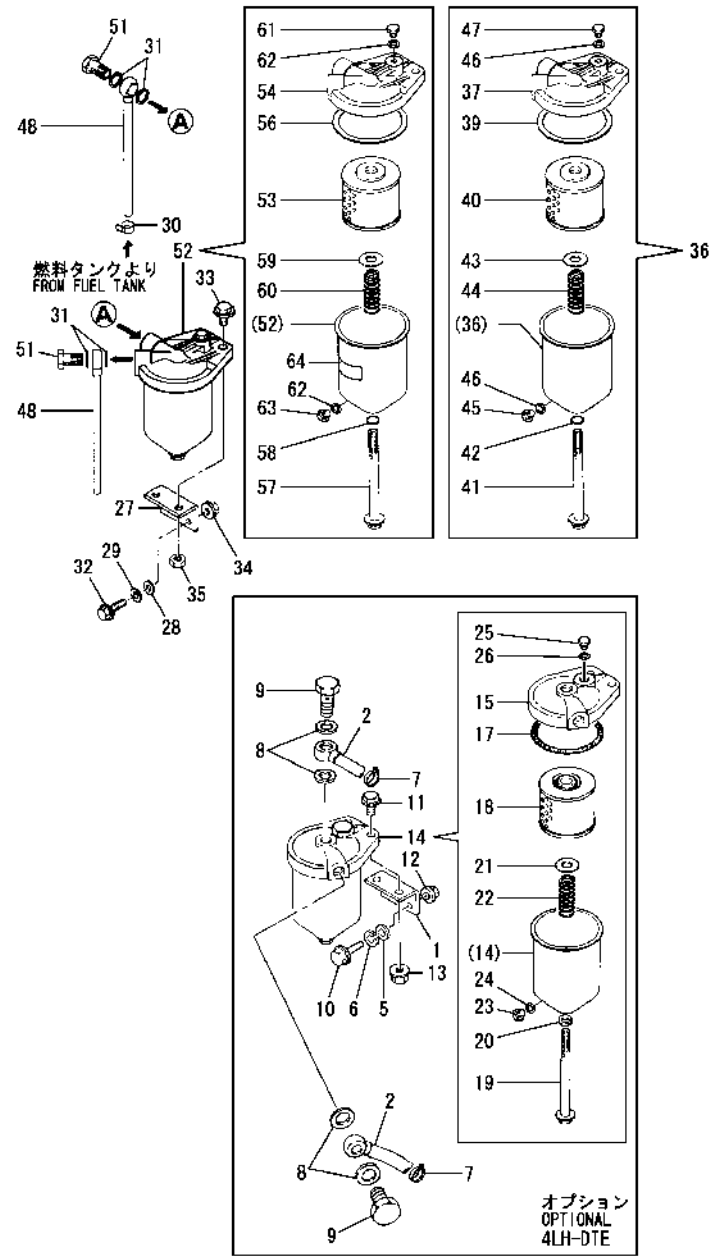
(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



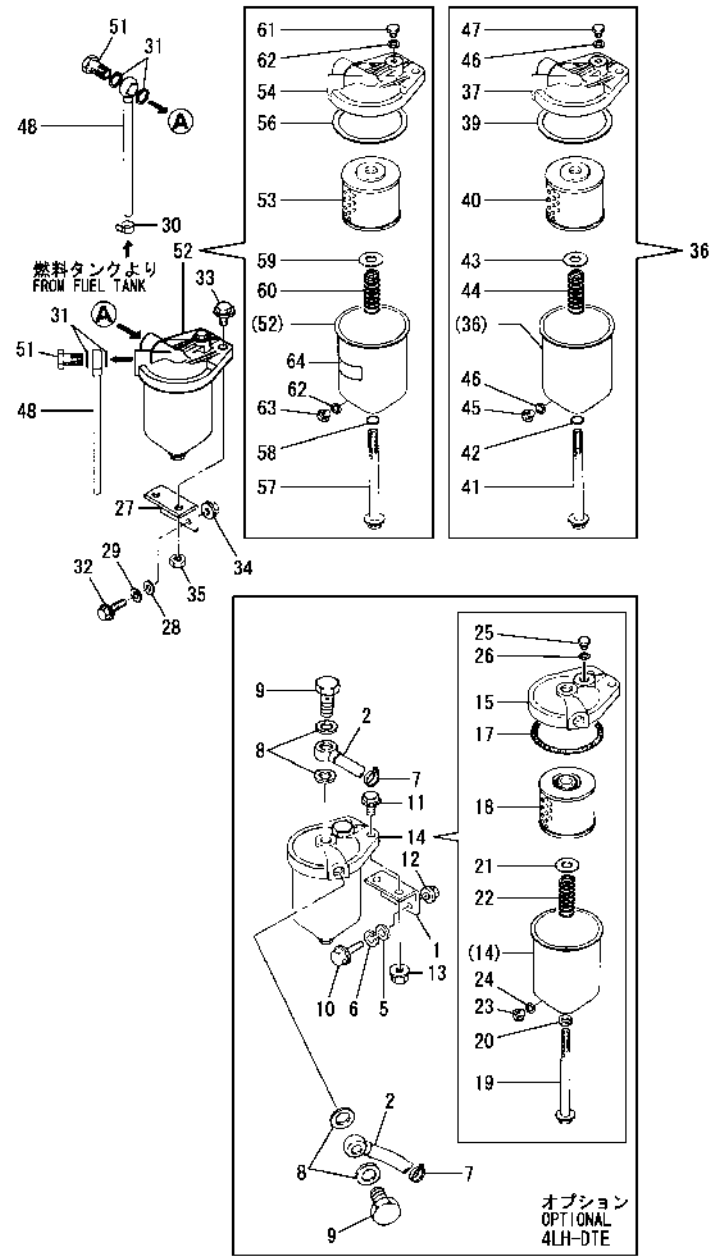
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121857-55800	SEPARATOR ASSY, WATER	1	1						
2	2	121857-55630	BODY ASSY, STRAINER	1	1						
3	3	121857-55750	PLUG	1	1						
4	3	121857-55760	WASHER	1	1						
5	2	121857-55710	FILTER, FUEL	1	1						
6	2	121857-55730	SENSOR	1	1						
7	3	121857-55740	PLUG	1	1						
8	1	26106-080252	BOLT, M8X 25 PLATED	2	2						
9	1	129495-55600	FILTER ASSY, FUEL			1	1				
10	2	123325-35140	GASKET			1	1			Z	
			(C=2013.11.) (D=2013.11.)								
11	2	123325-35160	WASHER			1	1				
12	2	123325-35170	SPRING			1	1				
13	2	129495-55610	BODY, STRAINER			1	1				
14	2	129495-55620	BOLT			1	1				
16	2	123672-55750	PLUG, DRAIN M8			1	1				
17	2	123672-55760	GASKET			1	1				
17A	2	41650-502320	ELEMENT ASSY(D72XL90)			1	1			W	
			(C=2013.11.) (D=2013.11.)								
18	3	24311-000120	O-RING, 1AP12.0			1	1				
18A	3	123325-35140	GASKET			1	1			W	
			(C=2013.11.) (D=2013.11.)								
19A	2	41650-501180	LABEL, CAUTION			1	1			W	
			(C=EXXXXXX) (D=EXXXXXX)								
20	1	119173-55700	RUBBER			1	1				
21	1	26216-100402	STUD, M10X 40			2	2				
22	1	26366-100002	NUT, M10			2	2				
22-1	1	26306-100002	NUT, M10			2	2			N	
			(C=EXXXXXX) (D=EXXXXXX)								
23	1	26756-100002	NUT, LOCK M10			2	2				

Fig.63. OIL/WATER SEPARATER(OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	123672-55811	BRACKET			1					
2	1	123325-59420	PIPE ASSY, FUEL			2					
5	1	22137-080000	WASHER, 8			2					
6	1	22217-080000	WASHER, SPRING 8			2					
7	1	23000-016000	CLAMP, 16			2					
8	1	23414-140000	GASKET, 14X1.0			4					
9	1	23857-080000	BOLT, JOINT 8			2					
10	1	26106-080302	BOLT, M8X 30 PLATED			2					
11	1	26106-100302	BOLT, M10X 30 PLATED			2					
12	1	26366-080002	NUT, M8			2					
13	1	26366-100002	NUT, M10			2					
14	1	43623-500040	SEPARATOR ASSY. O/W			1				Z	
(C=E22147)											
15	2	123678-55700	COVER			1					
17	2	123678-55850	GASKET			1					
18	2	42430-500070	ELEMENT			1					
19	2	123678-55770	BOLT			1					
20	2	123678-55870	GASKET			1					
21	2	123678-55860	SEAT, SPRING D30/16			1					
22	2	X0600190922	SPRING			1					
23	2	23887-080002	PLUG 8			1					
24	2	123678-55890	GASKET			1					
25	2	123678-55880	PLUG, M14			1					
26	2	23414-080000	GASKET, 8X1.0			1					
27	1	123672-55811	BRACKET			1	1				
28	1	22137-080000	WASHER, 8			2	2				
29	1	22217-080000	WASHER, SPRING 8			2	2				
30	1	23000-016000	CLAMP, 16			2	2				
31	1	23414-140000	GASKET, 14X1.0			4	4				
32	1	26106-080402	BOLT, M8X 40 PLATED			2	2				
33	1	26106-100202	BOLT, M10X 20 PLATED			2	2				
34	1	26306-080002	NUT, M8			2	2				
35	1	26706-100002	NUT, M10			2	2				
36	1	43623-500030	SEPARATOR			1	1			W	
(C=E22147) (D=*1993.10)											
36-1	1	43623-500030	SEPARATOR			1	1			Z	
(C=E22562) (D=*1995.02)											
37	2	X2740134001	COVER ASSY			1	1				
39	2	X0582810173	GASKET			1	1				
40	2	42430-550061	ELEMENT,FUEL OIL			1	1				
41	2	X0311120810	BOLT			1	1				
42	2	X0580121073	O-RING, 1A P 12.0			1	1				
43	2	X0300120414	SEAT, SPRING			1	1				
44	2	X0600160122	SPRING			1	1				
45	2	X0313080110	BOLT			1	1				
46	2	X0588080273	WASHER			2	2				
47	2	X0314080110	PLUG			1	1				
48	1	123325-59420	PIPE ASSY, FUEL			2	2				
51	1	23857-080000	BOLT, JOINT 8			2	2				
52	1	120324-55750	SEPARATOR ASSY			1	1			W	
(C=E22562) (D=*1995.02)											

Fig.63. OIL/WATER SEPARATER(OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
52-1	1	120324-55751	SEPARATOR ASSY (C=EXXXXX) (D=EXXXXX)			1	1			N	
53	2	120324-55760	ELEMENT			1	1				
54	2	X2740134001	COVER ASSY			1	1			Z	
54-1	2	X2740134002	COVER ASSY (C=EXXXXX) (D=EXXXXX)			1	1			W	
56	2	X0582810173	GASKET			1	1				
57	2	X0311121522	BOLT			1	1				
58	2	X0580121073	O-RING, 1A P 12.0			1	1				
59	2	X0300120414	SEAT, SPRING			1	1				
60	2	X0600160122	SPRING			1	1				
61	2	X0314080110	PLUG			1	1				
62	2	X0588080273	WASHER			2	2				
63	2	X0313080110	BOLT			1	1			Z	
63-1	2	X0313080922	BOLT			1	1			W	
64	2	X0993071171	(C=EXXXXX) (D=EXXXXX) LABEL, CAUTION (C=EXXXXX) (D=EXXXXX)			1	1			W	

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

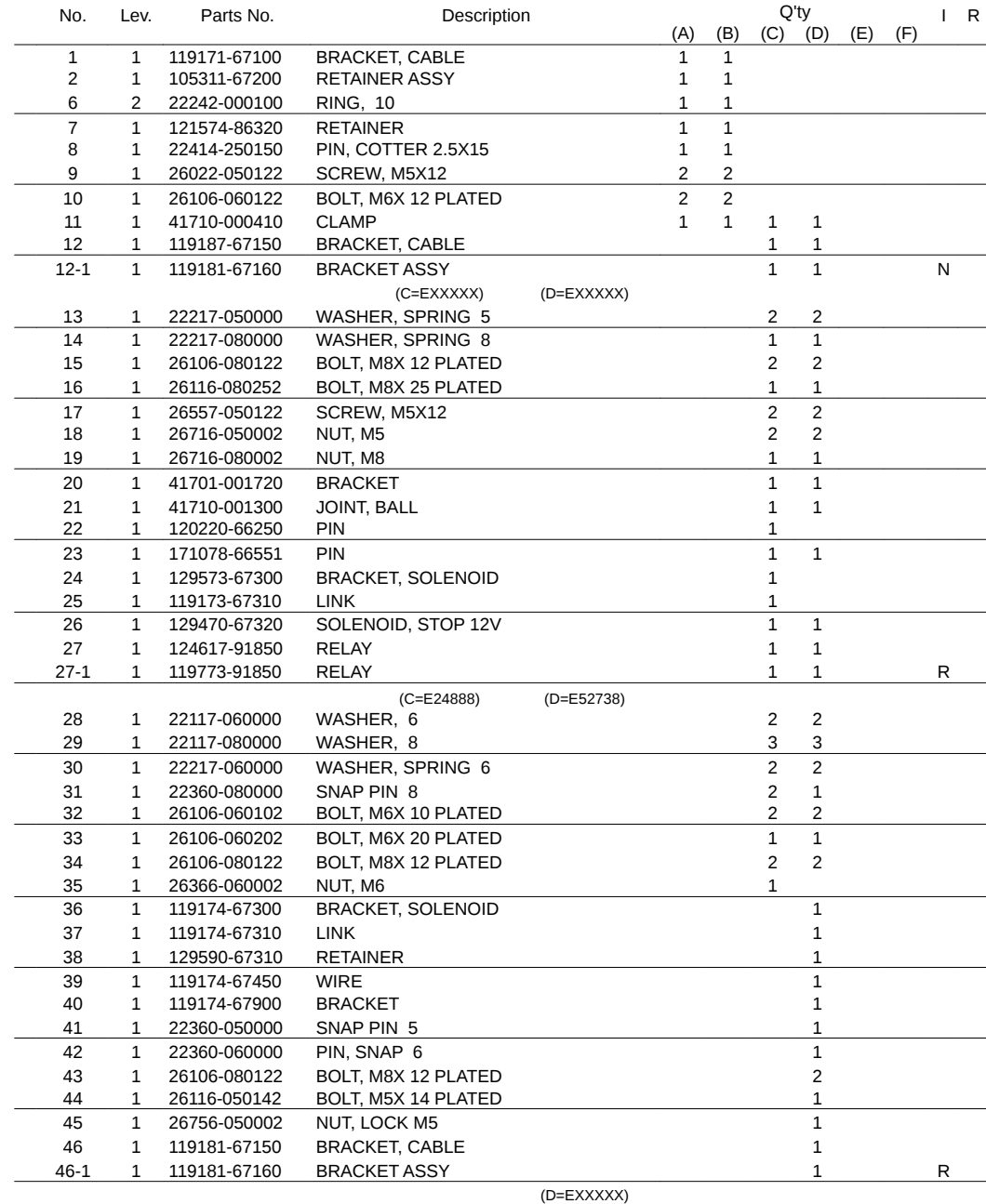


Fig.65. SINGLE LEVER CONTROL(OPTIONAL)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128170-86500	CONTROLLER	1	1	1	1				
2	1	41730-000680	HEAD, REMOTE-CONTROL	1	1	1					
2-1	1	41730-000681	MT-3 REMO-CON	1	1	1	1				S
(A=*1992.06)				(B=*1992.06)		(C=*1992.06)					

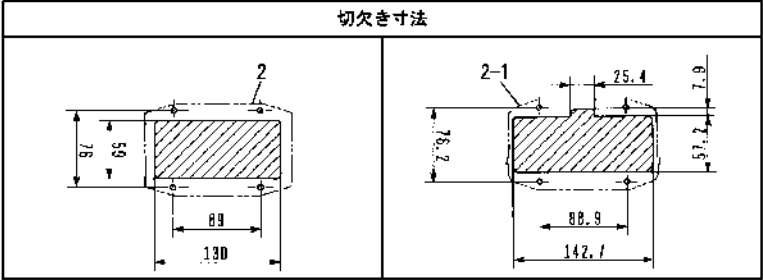
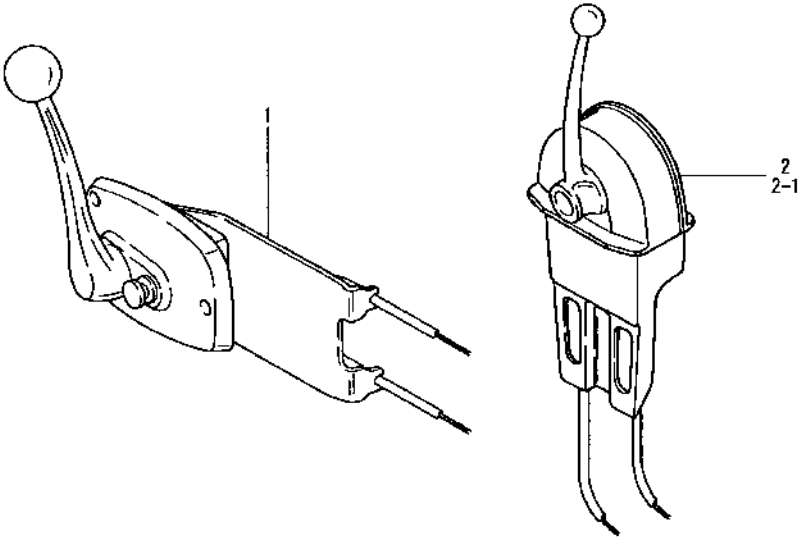
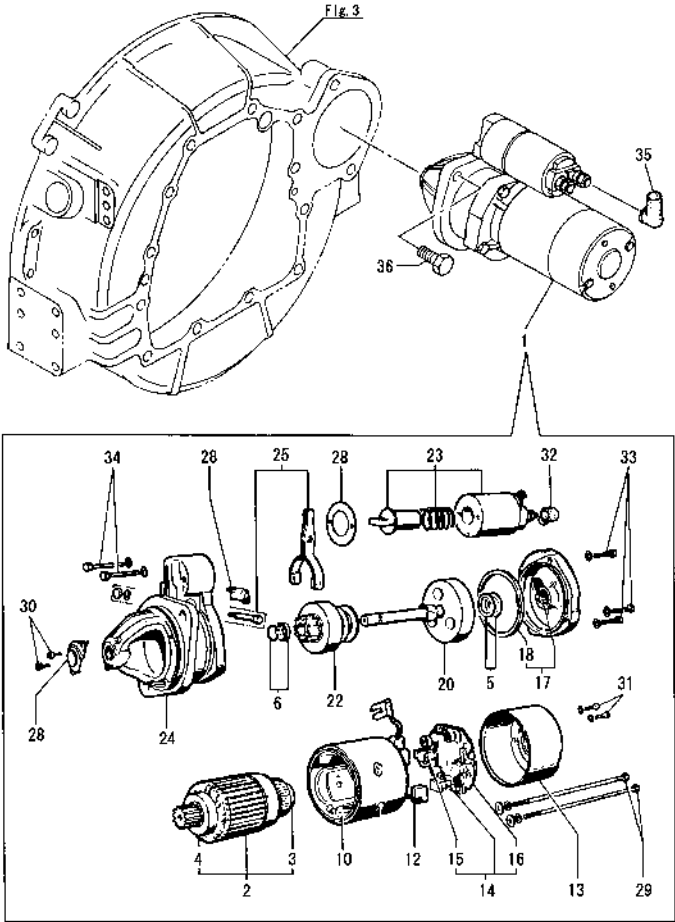


Fig.66. STARTING MOTOR

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



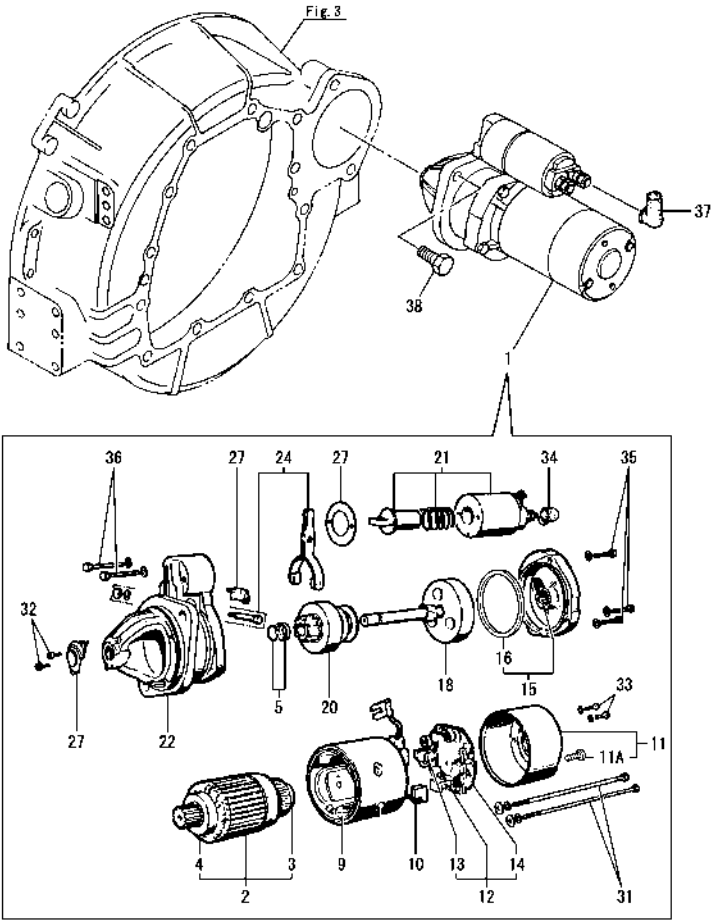
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121254-77011	STARTER, S13-41A	1	1	1					
1-1	1	121254-77012	STARTING MOTOR(DC12V	1	1	1	1			N	
(A=*1990.09) (B=*1990.09) (C=*1990.09)											
1-2	1	121254-77019	STARTING MOTOR(DC12V	1	1	1	1			N	1
(A=E11276) (B=E23259) (C=E25030) (D=E52901)											
2	2	121254-77400	ARMATURE ASSY	1	1	1					
2-1	2	121254-77401	ARMATURE ASSY	1	1	1	1			N	
(A=*1990.09) (B=*1990.09) (C=*1990.09)											
3	3	121254-77410	BALL BEARING	1	1	1	1				
4	3	121254-77420	BALL BEARING	1	1	1	1				
5	2	121254-77430	WASHER KIT, THRUST	1	1	1	1				
6	2	121254-77480	STOPPER KIT, PINION	1	1	1	1				
10	2	121254-77520	COIL ASSY, FIELD	1	1	1	1				
12	3	121254-77540	BRUSH(+)	2	2	2	2				
13	2	121254-77550	COVER ASSY, REAR	1	1	1	1				
14	2	121254-77570	HOLDER ASSY, BRUSH	1	1	1	1				
15	3	121254-77580	BRUSH (-)	2	2	2	2				
16	3	121254-77590	SPRING	4	4	4	4				
17	2	121254-77600	BEARING ASSY, CENTER	1	1	1	1				
18	3	121254-77610	SEAL, OIL	1	1	1	1				
20	2	121254-77640	SHAFT ASSY, GEAR	1	1	1	1				
22	2	121254-77661	PINION ASSY	1	1	1	1				
23	2	121254-77670	SWITCH, MAGNETIC	1	1	1	1				
24	2	121254-77681	CASE ASSY, GEAR	1	1	1	1				
25	2	121254-77700	LEVER SET, SHIFT	1	1	1	1				
28	2	121254-77730	DUST COVER SET	1	1	1	1				
29	2	121254-77770	BOLT, THROUGH	2	2	2	2				
30	2	121254-77780	SCREW 5	2	2						
30-1	2	26450-050122	BOLT, M5X 12	2	2	2	2			N	
(A=*1988.11) (B=*1988.11)											
31	2	121254-77790	SCREW 4	2	2	2	2				
32	2	121254-77810	COVER, TERMINAL	1	1	1	1				
33	2	26106-060302	BOLT, M6X 30 PLATED	3	3	3	3				
34	2	26106-060452	BOLT, M6X 45 PLATED	2	2	2	2				
35	1	124550-77030	COVER, TERMINAL	1	1	1	1				
36	1	26116-120302	BOLT, M12X 30 PLATED	2	2	2	2				

Remarks
*Parts of this figure are executed
to the following engine number.
*(A)=E11276 (B)=E23259 (C)=E25030
*(D)=E52901
(1)Please refer to Fig.67 since above
-mentioned engine number.

Fig.67. STARTING MOTOR

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

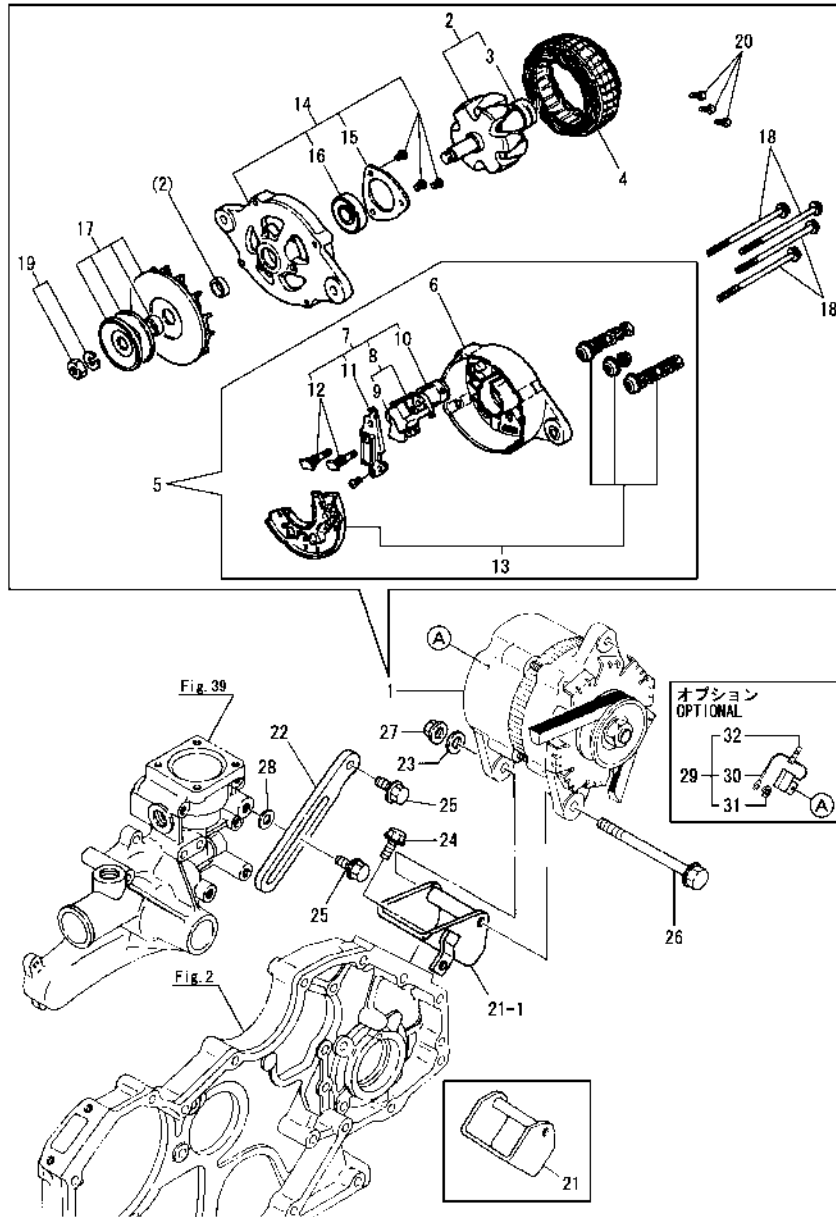
(D)=4LH-STE
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121254-77019	STARTING MOTOR(DC12V	1	1	1	1				
2	2	121254-77402	ARMATURE ASSY	1	1	1	1				
3	3	121254-77410	BALL BEARING	1	1	1	1				
4	3	121254-77420	BALL BEARING	1	1	1	1				
5	2	121254-77480	STOPPER KIT, PINION	1	1	1	1				
9	2	121254-77521	COIL ASSY, FIELD	1	1	1	1				
10	3	121254-77541	BRUSH (+)	2	2	2	2				
11	2	121254-77550	COVER ASSY, REAR	1	1	1	1				
11A	3	121254-77560	BOLT	1	1	1	1				
12	2	121254-77571	HOLDER ASSY	1	1	1	1				
13	3	121254-77581	BRUSH, -	2	2	2	2				
14	3	121254-77590	SPRING	4	4	4	4				
15	2	121254-77600	BEARING ASSY, CENTER	1	1	1	1				
16	3	119129-77210	SEAL, OIL	1	1	1	1				
18	2	121254-77640	SHAFT ASSY, GEAR	1	1	1	1				
20	2	121254-77661	PINION ASSY	1	1	1	1				
21	2	121254-77671	SWITCH, MAGNETIC	1	1	1	1				
22	2	121254-77681	CASE ASSY, GEAR	1	1	1	1				
24	2	121254-77700	LEVER SET, SHIFT	1	1	1	1				
27	2	121254-77730	DUST COVER SET	1	1	1	1				
31	2	121254-77770	BOLT, THROUGH	2	2	2	2				
32	2	26450-050122	BOLT, M5X 12	2	2	2	2				
33	2	121254-77790	SCREW 4	2	2	2	2				
34	2	121254-77810	COVER, TERMINAL	1	1	1	1				
35	2	26106-060302	BOLT, M6X 30 PLATED	3	3	3	3				
36	2	26106-060452	BOLT, M6X 45 PLATED	2	2	2	2				
37	1	124550-77030	COVER, TERMINAL	1	1	1	1				
37-1	1	119773-77030	COVER	1	1	1	1				R
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
38	1	26116-120302	BOLT, M12X 30 PLATED	2	2	2	2				

Remarks
*Parts of this figure are executed since the following engine number.
*(A)=E11277 (B)=E23260 (C)=E25031
*(D)=E52902
*Please refer to Fig.66 before above -mentioned engine number.

Fig.68. GENERATOR



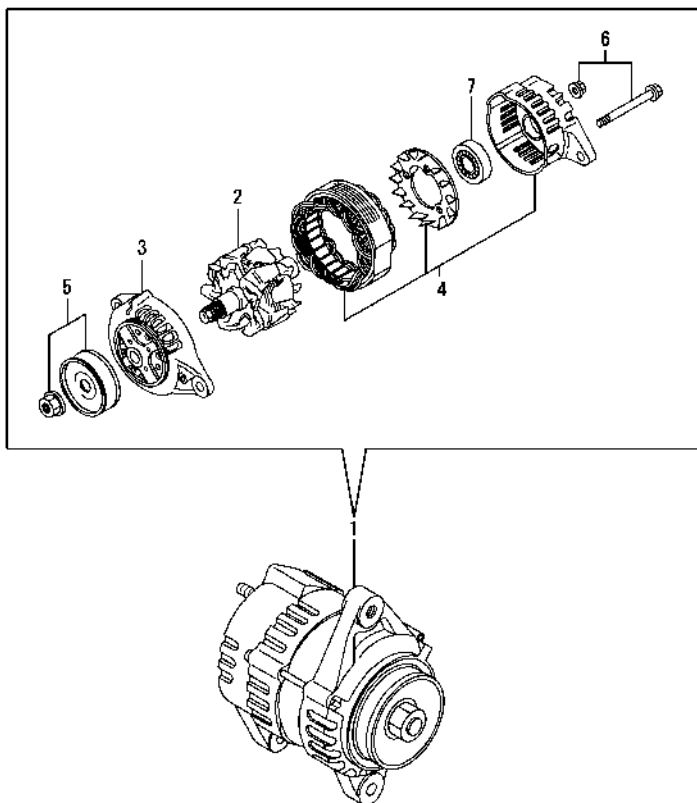
				(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE					(D)=4LH-STE (E)= (F)=		
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129772-77200	GENERATOR(12V-55A)	1	1	1	1				
1-1	1	128271-77200	GENERATOR, 12V-60A	1	1	1	1			R	1
		(A=EXXXXXX)	(B=EXXXXXX)	(C=EXXXXXX)	(D=EXXXXXX)						
2	2	XL15571001	ROTOR ASSY	1	1	1	1				
3	3	X6201SD	BALL BEARING	1	1	1	1				
4	2	XL15542001	STATOR ASSY	1	1	1	1				
5	2	XL15553002	COVER ASSY, REAR	1	1	1	1				
6	3	XL22553012	COVER, REAR	1	1	1	1				
7	3	XL1556315	REGULATOR ASSY,BRUSH	1	1	1	1				
8	4	XL2255330	BRUSH ASSY	1	1	1	1				
9	5	XL12013262	BRUSH	2	2	2	2				
10	4	XTR1Z63	REGULATOR	1	1	1	1				
11	4	XL2251318	CONDENCER ASSY	1	1	1	1				
12	4	XL13513134	BOLT M5	2	2	2	2				
13	3	XL2253320	DIODE ASSY	1	1	1	1				
14	2	XL2253400	FRONT COVER ASSY	1	1	1	1				
15	3	XL15014042	BEARING RETAINER	1	1	1	1				
16	3	X6203BM	BALL BEARING	1	1	1	1				
17	2	XL22555001	PULLEY ASSY	1	1	1	1				
18	2	XL15018015	BOLT, THROUGH	4	4	4	4				
19	2	XL1501810	NUT ASSY, PULLEY	1	1	1	1				
20	2	XL15028001	SCREW ASSY	1	1	1	1				
21	1	119000-77250	BRACKET, GENERATOR	1	1	1					
21-1	1	119171-77250	BRACKET, GENERATOR	1	1	1	1			N	
		(A=*1992.07)	(B=*1992.07)	(C=E21660)							
21-2	1	119175-77270	BRACKET, GENERATOR	1	1	1	1			R	
		(A=E11227)	(B=E22868)	(C=E24598)	(D=E52516)						
22	1	121522-77330	ADJUSTER	1	1	1					
22-1	1	119171-77330	ADJUSTER, BELT	1	1	1	1			R	
		(A=*1991.04)	(B=*1991.04)	(C=*1991.04)							
23	1	22137-100000	WASHER, 10	1	1	1	1				
24	1	26106-080202	BOLT, M8X 20 PLATED	2	2	2					
24-1	1	26106-080202	BOLT, M8X 20 PLATED	4	4	4	4			K	
		(A=*1992.07)	(B=*1992.07)	(C=*1992.07)							
25	1	26106-080202	BOLT, M8X 20 PLATED	2	2	2					
25-1	1	119005-77350	BOLT, M8X25	2	2	2	2			N	
		(A=*1991.04)	(B=*1991.04)	(C=*1991.04)							
26	1	26116-101202	BOLT, M10X120 PLATED	1	1	1	1				
27	1	26366-100002	NUT, M10	1	1	1	1				
28	1	106100-55800	WASHER	1	1	1				W	
		(A=*1987.10)	(B=*1987.10)								
28-1	1	121236-77340	SPACER	1	1	1	1			N	
		(A=*1991.02)	(B=*1991.02)	(C=*1991.02)							
29	1	129772-77250	CONDENSER ASSY	1	1	1	1			W	
		(A=E11027)	(B=E22073)	(C=E23458)	(D=E51301)						
30	2	129772-77260	CONDENSER	1	1	1	1			W	
		(A=E11027)	(B=E22073)	(C=E23458)	(D=E51301)						
31	2	129772-77270	BUSH	2	2	2	2			W	
		(A=E11027)	(B=E22073)	(C=E23458)	(D=E51301)						
32	2	129772-77280	CLAMP	1	1	1	1			W	
		(A=E11027)	(B=E22073)	(C=E23458)	(D=E51301)						

Remarks

(1)Component parts:Refer to Fig.(68A)

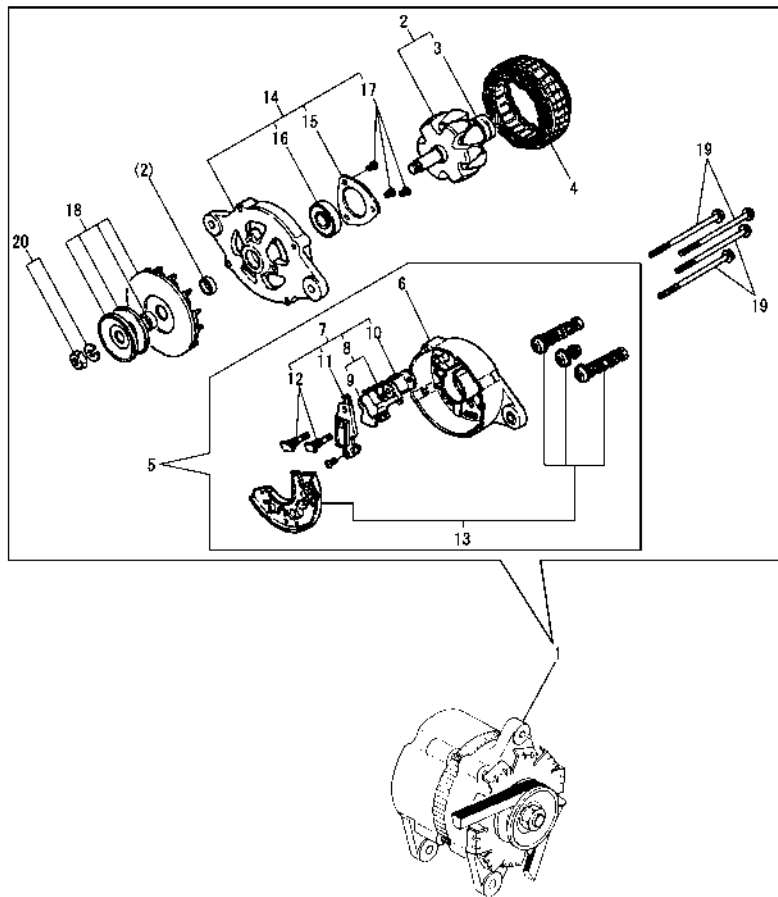
N:Old $\xrightleftharpoons[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightleftharpoons[\text{Yes}]{\text{No}}$ New, R:Old $\xrightleftharpoons[\text{Yes}]{\text{No}}$ New, S:Old $\xrightleftharpoons[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Qty Change

Fig.96. (68A)GENERATOR COMPONENT PARTS



No.	Lev.	Parts No.	Description	(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE		(D)=4LH-STE (E)= (F)=			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	128271-77200	GENERATOR, 12V-60A	1	1	1	1		
2	2	123900-77700	ROTOR ASSY	1	1	1	1		
3	2	123900-77730	BRACKET ASSY	1	1	1	1		
4	2	128271-77730	BRACKET(STATOR+REGUL	1	1	1	1		
5	2	128271-77740	PULLEY	1	1	1	1		
6	2	128271-77750	SCREW KIT	1	1	1	1		
7	2	129900-77810	BEARING, BALL	1	1	1	1		

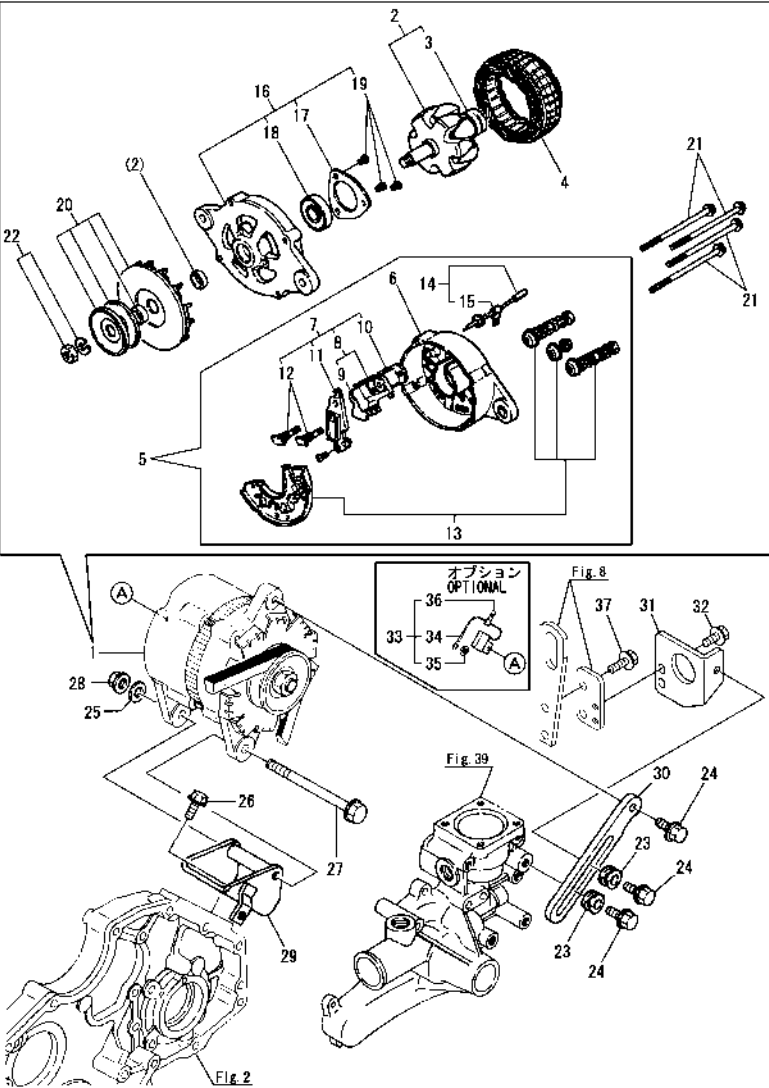
Fig.69. GENERATOR(80A,OPTIONAL)(UP TO EXXXXXX)



No.	Lev.	Parts No.	Description	(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE		(D)=4LH-STE (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	129470-77200	GENERATOR	1	1	1				
1-1	1	119573-77200	GENERATOR (12V-80A	1	1	1	1			N
		(A=E10853)	(B=E21660)	(C=E22589)						
1-2	1	119573-77201	ALTERNATER(12V-80A	1	1	1	1			N 1
		(A=E11027)	(B=E22073)	(C=E23458)	(D=E51301)					
2	2	XL1805100	ROTOR ASY	1	1	1	1			
3	3	X6201NC	BALL BEARING	1	1	1	1			
4	2	XL1801200	STATOR ASY	1	1	1	1			
5	2	XL1809300	COVER ASSY, REAR	1	1	1	1			
6	3	XL1805301	COVER, REAR	1	1	1	1			
7	3	XL1556315	REGULATOR ASSY,BRUSH	1	1	1	1			
8	4	XL2255320	DIODE L225-5320	1	1	1	1			
9	5	XL1801335	BRUSH	2	2	2	2			
10	4	XTR1Z63	REGULATOR	1	1	1	1			
11	4	XL2251318	CONDENCER ASSY	1	1	1	1			
12	4	XL13513134	BOLT M5	2	2	2	2			
13	3	XL1808320	DIODE ASY	1	1	1	1			
14	2	XL23534011	COVER ASSY, FRONT	1	1	1	1			
15	3	XL150M14041	RETAINER	1	1	1	1			
16	3	X6303BM	BALL BEARING 6303B	1	1	1	1			
17	3	XL15028001	SCREW ASSY	1	1	1	1			
18	2	XL1805500	PULLEY ASSY	1	1	1	1			
19	2	XL18018015	THROUGH BOLT	4	4	4	4			
20	2	XL1501810	NUT ASSY, PULLEY	1	1	1	1			

*Parts of this figure are executed to the following engine number.
 *(A)=E11027 (B)=E22073 (C)=E23458
 *(D)=E51301
 (1)Please refer to Fig.70 since above -mentioned engine number.

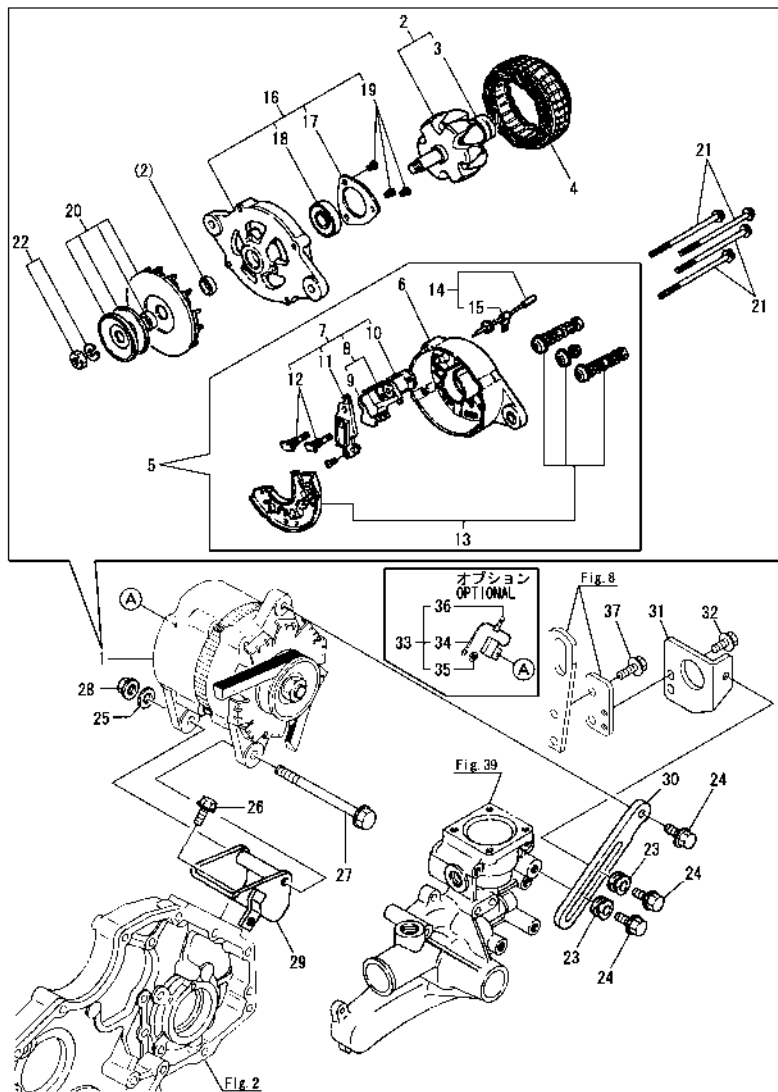
Fig.70. GENERATOR(80A,OPTIONAL)(FROM EXXXXX)



Remarks
*Parts of this figure are executed since the following engine number.
*(A)=E11028 (B)=E22074 (C)=E23459
*(D)=51302
*Please refer to Fig.69 before above -mentioned engine number.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119573-77201 (A=E11027) (B=E22073) (C=E23458) (D=E51301)	ALTERNATER(12V-80A)	1	1	1	1				W
2	2	XL180G61000	ROTOR ASSY	1	1	1	1				
3	3	119129-77320	BALL BEARING	1	1	1	1				
4	2	XL180120000	STATOR ASSY	1	1	1	1				
5	2	XL180G63006	COVER ASSY, REAR	1	1	1	1				
6	3	XL180G13012	COVER, REAR	1	1	1	1				
7	3	XL180G43150	BRUSH ASSY,REGULATOR	1	1	1	1				
8	4	XL155G1330	BRUSH ASSY	1	1	1	1				
9	5	XL225G1325	BRUSH SET	2	2	2	2				
10	4	124080-77390	REGULATOR ASSY	1	1	1	1				
11	4	XL225431800	CONDENSER ASSY	1	1	1	1				
12	4	124080-77520	BOLT M5	2	2	2	2				
13	3	XL180832000	DIODE ASSY	1	1	1	1				
14	3	119129-77250	WIRE, LEAD	1	1	1	1				
15	4	119129-77260	CLAMP	1	1	1	1				
16	2	XL235340110	COVER ASSY, FRONT	1	1	1	1				
17	3	XL150M14041	RETAINER	1	1	1	1				
18	3	X6303BM0000	BEARING, BALL	1	1	1	1				
19	3	119129-77930	SCREW KIT	1	1	1	1				
20	2	XL180G85001	PULLEY ASSY	1	1	1	1				
21	2	119129-77890	BOLT, THROUGH	4	4	4	4				
22	2	119129-77900	NUT ASSY, PULLEY	1	1	1	1				
23	1	121236-77340	SPACER	1	1	1	1				
23-1	1	121236-77340 (A=E11219) (B=E22835) (C=E24537) (D=E52458)	SPACER	2	2	2	2				K
24	1	119005-77350	BOLT, M8X25	2	2	2	2				
24-1	1	119005-77350 (A=E11219) (B=E22835) (C=E24537) (D=E52458)	BOLT, M8X25	3	3	3	3				K
25	1	22137-100000	WASHER, 10	1	1	1	1				
26	1	26106-080202	BOLT, M8X 20 PLATED	4	4	4	4				
27	1	26116-101202	BOLT, M10X120 PLATED	1	1	1	1				
28	1	26366-100002	NUT, M10	1	1	1	1				
28-1	1	26306-100002 (A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)	NUT, M10	1	1	1	1				N
29	1	119171-77250	BRACKET, GENERATOR	1	1	1	1				
29-1	1	119175-77270 (A=E11227) (B=E22868) (C=E24598) (D=E52516)	BRACKET, GENERATOR	1	1	1	1				R
30	1	119171-77330	ADJUSTER, BELT	1	1	1	1				
31	1	119172-77150 (A=E11219) (B=E22835) (C=E24537) (D=E52458)	SUPPORT	1	1	1	1				W
32	1	26106-080142 (A=E11219) (B=E22835) (C=E24537) (D=E52458)	BOLT, M8X 14 PLATED	2	2	2	2				W
33	1	119573-77250 (A=E11027) (B=E22073) (C=E23458) (D=E51301)	CONDENSER ASSY	1	1	1	1				W
34	2	119573-77260 (A=E11027) (B=E22073) (C=E23458) (D=E51301)	CONDENSER	1	1	1	1				W
35	2	119573-77270 (A=E11027) (B=E22073) (C=E23458) (D=E51301)	BUSH	2	2	2	2				W
36	2	129772-77280 (A=E11027) (B=E22073) (C=E23458) (D=E51301)	CLAMP	1	1	1	1				W

Fig.70. GENERATOR(80A,OPTIONAL)(FROM EXXXXX)



*Parts of this figure are executed since the following engine number.
 *(A)=E11028 (B)=E22074 (C)=E23459
 *(D)=51302
 *Please refer to Fig.69 before above -mentioned engine number.

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

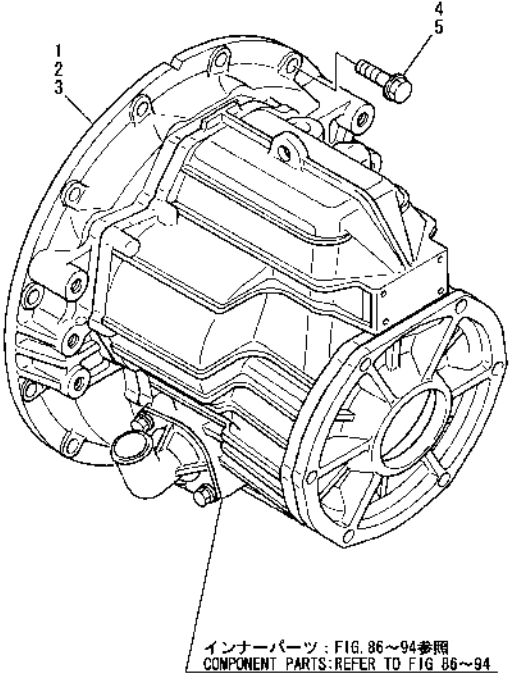
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
37	1	26106-100252	BOLT, M10X 25 PLATED	2	2	2	2			W	
	(A=EXXXXX)	(B=EXXXXX)	(C=EXXXXX) (D=EXXXXX)								

Fig.71. CLUTCH

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

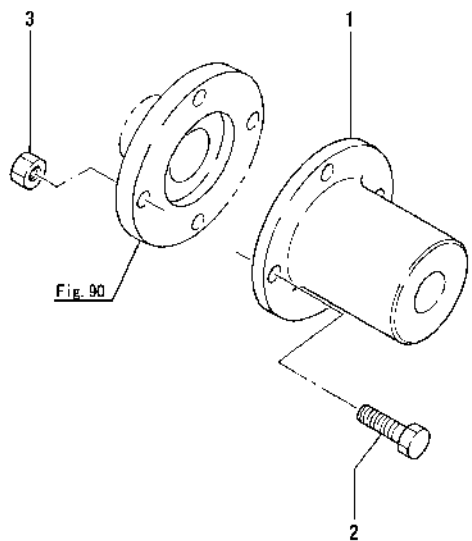
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-81100	CLUTCH ASSY, 1.46	1	1	1					
2	1	119171-81110	CLUTCH ASSY, 2.07	1	1	1					
3	1	119171-81120	CLUTCH, KM5A I=2.57	1	1	1					
4	1	26106-100302	BOLT, M10X 30 PLATED	12	12	12					
5	1	26106-100252	BOLT, M10X 25 PLATED				12			W	1
(D=E50367)											



INNER PARTS: FIG. 86~94 REFERENCE
COMPONENT PARTS: REFER TO FIG 86~94

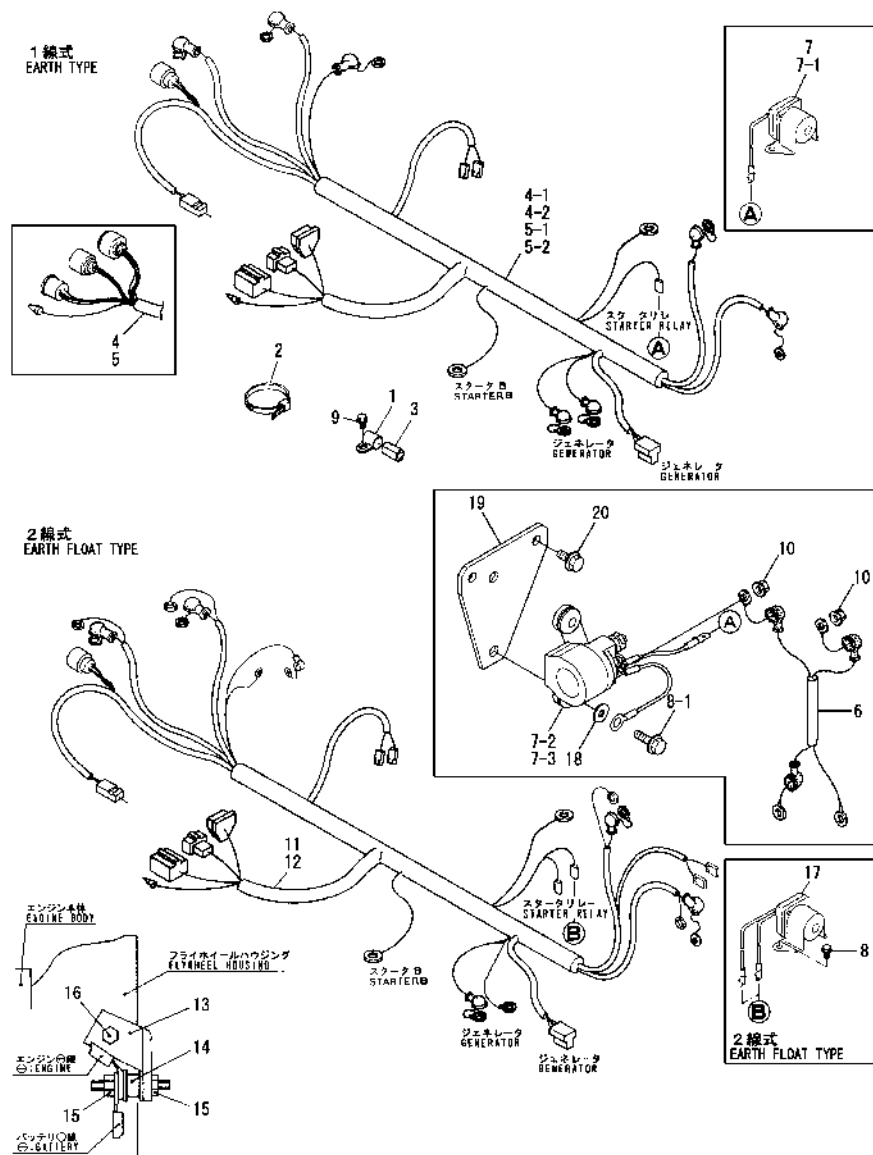
Remarks
(1)Hurth clutch, Optional.

Fig.72. STRAIGHT COUPLING(OPTIONAL)



No.	Lev.	Parts No.	Description	(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE		(D)=4LH-STE (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-85900	COUPLING	1	1	1					
2	1	26116-120402	BOLT, M12X 40 PLATED	4	4	4					
3	1	26716-120002	NUT, M12	4	4	4					

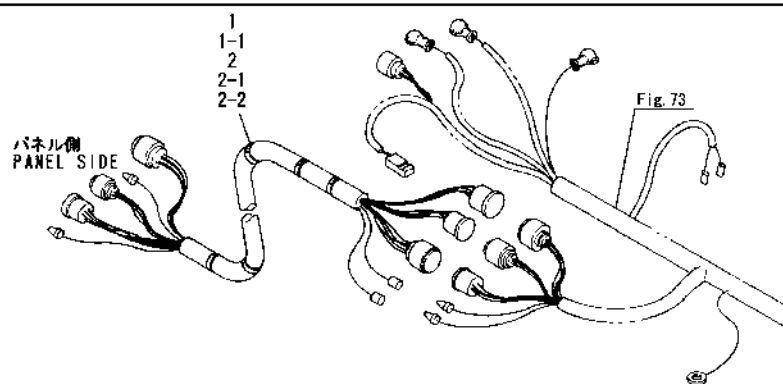
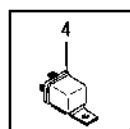
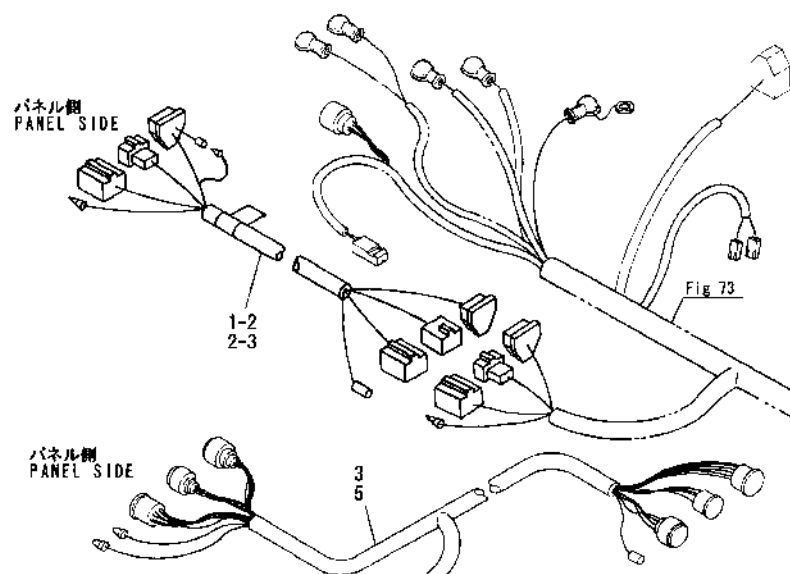
Fig.73. WIRE HARNESS



Remarks
(1)Optional : Earth float type.
(2)Interchangeable by simultaneous replacement with No.7-2,8-1,18,19, 20.

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
 ++ CONTINUE ++
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Fig.74. EXTENSION WIRE(OPTIONAL)

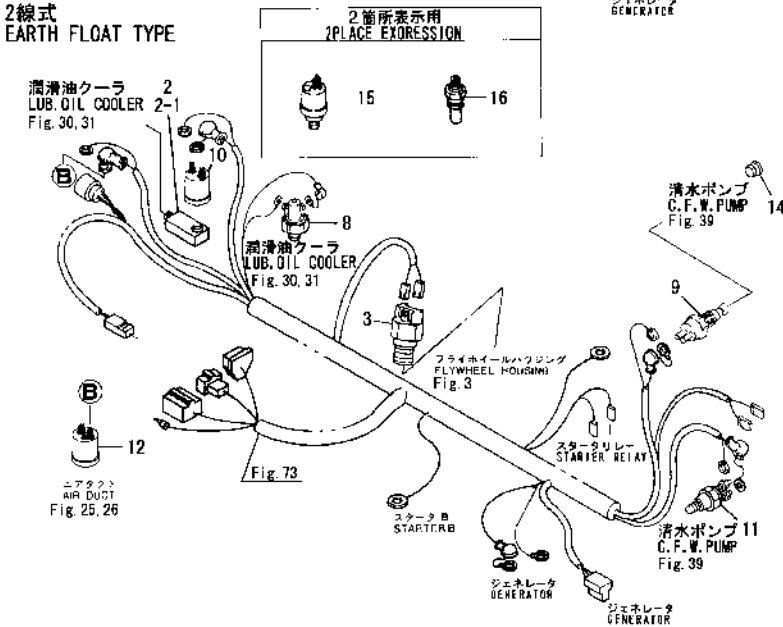
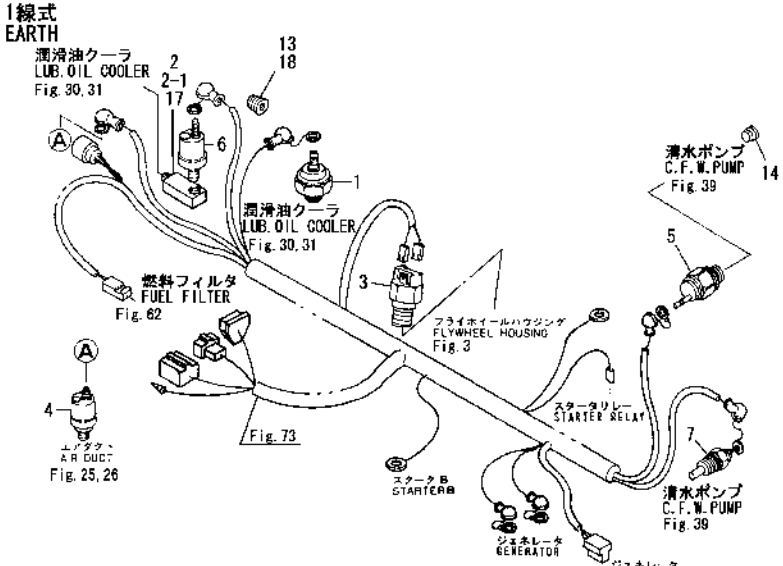


No.	Lev.	Parts No.	Description	(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE		(D)=4LH-STE (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-77700	CORD, EXTENSION 6000	1	1						
1-1	1	119171-77701	HARNESS, WIRE 6M	1	1	1					N
		(A=*1988.03)	(B=*1988.03)								
1-2	1	129574-77720	HARNESS, WIRE 6M	1	1	1	1				S
		(A=E10677)	(B=E21417) (C=E21741)								
2	1	127610-77710	HARNESS, WIRE 3.8M	1	1						
2-1	1	119171-77710	HARNESS, WIRE 4M	1	1	1					N
		(A=*1988.03)	(B=*1988.03)								
2-2	1	127610-77710	HARNESS, WIRE 3.8M	1	1	1					N
		(A=E10639)	(B=E21288) (C=E21618)								
2-3	1	129574-77710	HARNESS, WIRE 4M	1	1	1	1				S
		(A=E10677)	(B=E21417) (C=E21741)								
3	1	119171-77980	HARNESS, WIRE	1	1	1	1				
4	1	124617-91850	RELAY	1	1	1	1				
4-1	1	119773-91850	RELAY	1	1	1	1				R
		(A=E11269)	(B=E23165) (C=E24888) (D=E52738)								
5	1	129574-77980	HARNESS, WIRE	1	1	1	1				W
		(A=*1993.01)	(B=*1993.01) (C=*1993.01)								

Fig.75. SENSOR

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

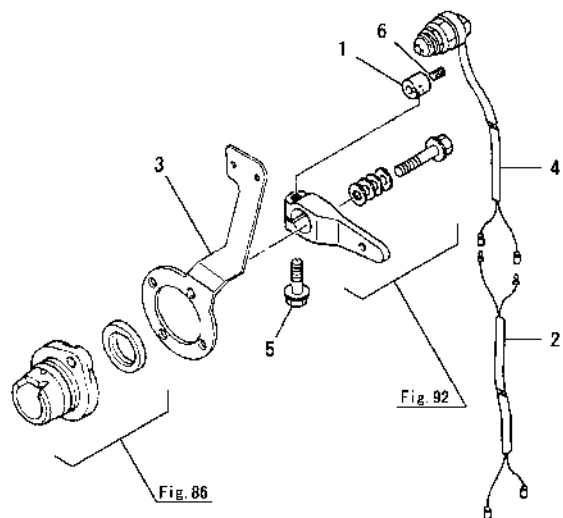
(D)=4LH-STE
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124060-39451	SWITCH, 0.2KG	1	1	1	1				
1-1	1	124060-39452	SWITCH, 0.2KG	1	1	1	1			N	
(A=E11269) (B=E23165) (C=E24888) (D=E52738)											
2	1	123482-39680	DAMPER	1	1						
2-1	1	123482-39670	DAMPER	1	1					S	
(A=*1988.04) (B=*1988.04)											
3	1	128170-91160	SENSOR	1	1	1	1				
4	1	124413-91300	SENSOR	1	1	1	1				
4-1	1	124413-91301	SENSOR	1	1	1	1			N	
(A=*2001.04) (B=*2001.04) (C=*2001.04) (D=*2001.04)											
5	1	127610-91350	SWITCH, 95	1	1	1	1				
6	1	144626-91560	SENSOR	1	1	1	1				
6-1	1	119773-91500	SENDER	1	1	1	1			N	
(A=E11028) (B=E22082) (C=E23489) (D=E51377)											
6-2	1	119773-91501	SENSOR	1	1	1	1			N	
(A=E11312) (B=E23308) (C=E25107) (D=E52973)											
7	1	144626-91570	SENDER UNIT	1	1	1	1				
8	1	126630-91591	SWITCH,OIL PRESSURE	1	1	1	1			W	1
(A=E10758) (B=E21542) (C=E22232)											
9	1	126630-91350	SWITCH, THERMO	1	1	1	1			W	1
(A=E10758) (B=E21542) (C=E22232)											
10	1	126630-91560	SENDER UNIT	1	1	1	1			W	1
(A=E10758) (B=E21542) (C=E22232)											
11	1	126630-91570	SENDER UNIT	1	1	1	1			W	1
(A=E10758) (B=E21542) (C=E22232)											
12	1	46150-504360	SENSOR	1	1	1	1			W	1
(A=E10758) (B=E21542) (C=E22232)											
13	1	23876-030000	PLUG, R03	1	1						
13-1	1	23876-020000	PLUG, R02	1	1					S	
(A=*1988.04) (B=*1988.04)											
14	1	23876-030000	PLUG, R03	1	1	1	1				
15	1	129574-91560	SENSOR	1	1	1	1			W	
(A=E10713) (B=E21467) (C=E22046)											
15-1	1	129574-91561	SENSOR	1	1	1	1			N	
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
16	1	129574-91570	SENSOR	1	1	1	1			W	
(A=E10713) (B=E21467) (C=E22046)											
17	1	123482-39680	DAMPER			1	1				
18	1	23876-030000	PLUG, R03			1	1				

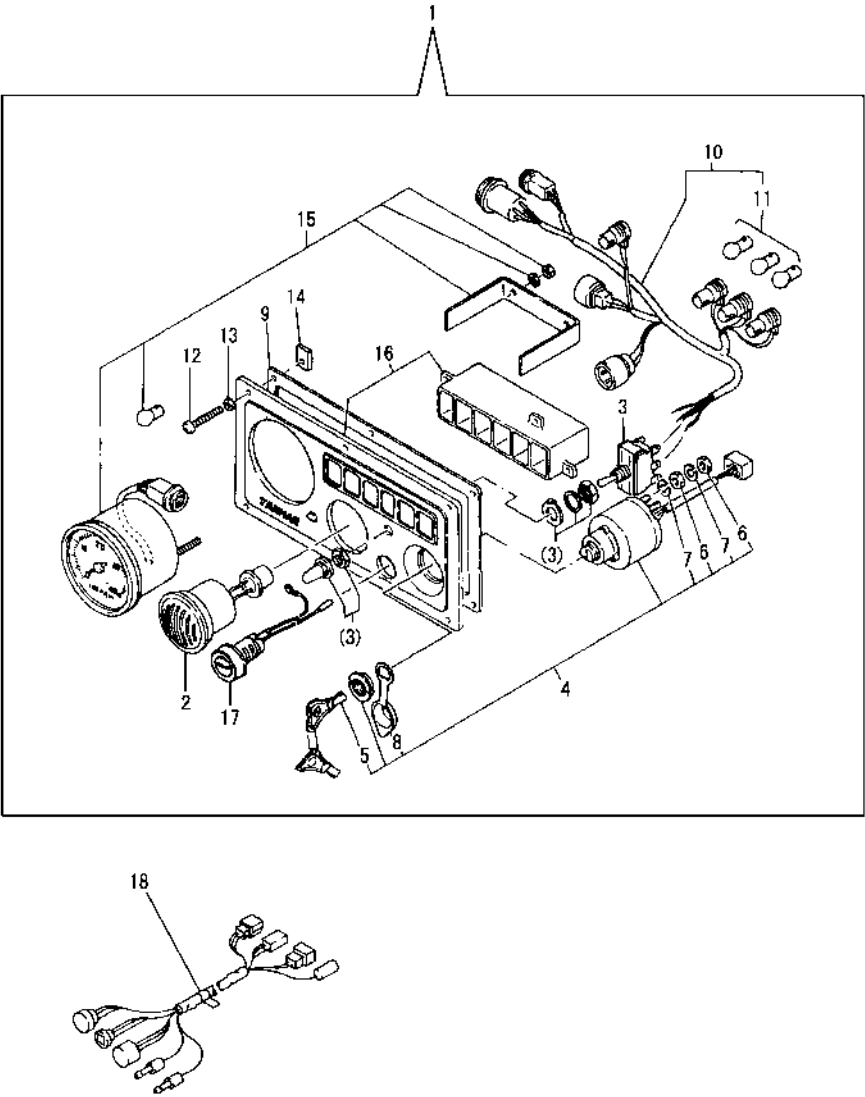
Remarks
(1)Optional : Earth float type.

Fig.76. SAFETY SWITCH(OPTIONAL)



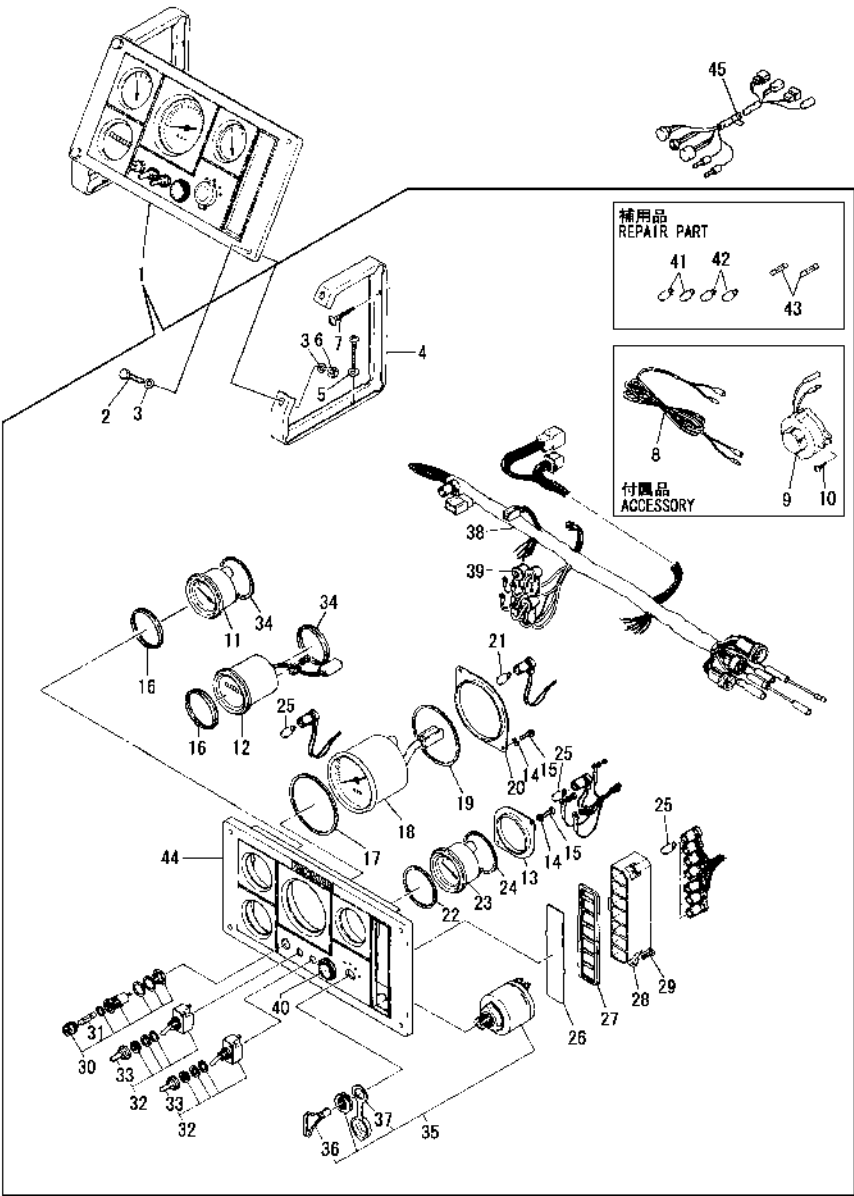
No.	Lev.	Parts No.	Description	(A)=4LH-TE (B)=4LH-HTE (C)=4LH-DTE		(D)=4LH-STE (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177074-06300	CONTACT	1	1	1					
2	1	177074-06350	HARNES, WIRE	1	1	1					
3	1	177074-06600	STAY	1	1	1					
4	1	120270-77101	SWITCH, SAFETY	1	1	1					
5	1	26106-080302	BOLT, M8X 30 PLATED	1	1	1					
6	1	26979-040082	SCREW, M4X 8	1	1	1					

Fig.77. INSTRUMENT PANEL(B-TYPE,OPTIONAL)



				OCR10-M32504 Fig.77							
				(A)=4LH-TE	(D)=4LH-STE						
				(B)=4LH-HTE	(E)=						
				(C)=4LH-DTE	(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				
2	2	104271-91351	BUZZER	1	1	1	1				
3	2	128170-91310	SWITCH	1	1	1	1				
4	2	127412-91250	SWITCH, KEY	1	1	1	1				
5	3	123482-91291	KEY	1	1	1	1				
6	3	26716-050002	NUT, M5	10	10	10	10				
7	3	22217-050000	WASHER, SPRING 5	10	10	10	10				
8	3	127620-91820	COVER	1	1	1	1				
9	2	128170-91020	GASKET	1	1	1	1				
10	2	128170-91031	HARNESS, WIRE	1	1	1	1				
11	3	194151-55820	BULB, 12V3.4W	3	3	3	3				
12	2	128170-91810	SCREW, M5X35	6	6	6	6				
13	2	128170-91820	WASHER, 5	6	6	6	6				
14	2	128170-91830	NUT, M5	6	6	6	6				
15	2	128696-91100	TACHOMETER	1	1	1	1				
16	2	124411-91010	BODY, PANEL	1	1	1	1				
17	2	129470-91190	SWITCH, STOP	1	1	1	1				
18	1	129574-77860	HARNESS, WIRE	1	1	1	1				W
(A=*1992.12)		(B=*1992.12)	(C=*1992.12)	(D=*1992.12)							

Fig.78. INSTRUMENT PANEL(C-TYPE,OPTIONAL)(UP TO EXXXXX)

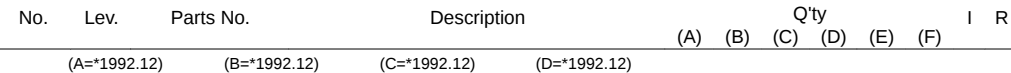


Remarks
(1)Component parts:Refer to Fig.(78A)

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				
1-1	1	129470-91101	PANEL ASSY, C	1	1	1	1			S	
		(A=E11243) (B=E22999) (C=E24826) (D=E52640)									
1-2	1	129470-91102	PANEL ASSY, C	1	1	1	1			S	1
		(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)									
2	2	127620-91500	SCREW	4	4	4	4				
3	2	127620-91510	WASHER	8	8	8	8				
4	2	127410-91680	BRACKET, PANEL	2	2	2	2				
5	2	127620-91560	WASHER	4	4	4	4				
6	2	127620-91550	NUT	4	4	4	4				
7	2	127620-91570	SCREW	4	4	4	4				
8	2	127620-91580	HARNESS, WIRE	1	1	1	1				
9	2	124617-91900	BUZZER	1	1	1	1				
10	2	22717-410160	SCREW, 4.1X16	2	2	2	2				
11	2	129470-91160	GAUGE	1	1	1	1				
11-1	2	129470-91161	METER	1	1	1	1			S	
		(A=E11243) (B=E22999) (C=E24826) (D=E52640)									
12	2	157854-04300	HOUR METER	1	1	1	1				
13	2	127410-91510	BRACKET	3	3	3	3				
14	2	127410-91520	WASHER	8	8	8	8				
15	2	127410-91530	SCREW	8	8	8	8				
16	2	127410-91580	GASKET	2	2	2	2				
17	2	127410-91550	GASKET	1	1	1	1				
18	2	129470-91170	TACHOMETER	1	1	1	1				
19	2	127410-91560	GASKET	1	1	1	1				
20	2	127410-91570	BRACKET	1	1	1	1				
21	2	124617-91920	BULB, 12V-3W	1	1	1	1				
22	2	127410-91580	GASKET	1	1	1	1				
23	2	124617-91840	THERMOMETER, WATER	1	1	1	1				
24	2	127410-91590	GASKET	1	1	1	1				
25	2	124617-91980	BULB, 12V-1.7W	6	6	6	6				
26	2	127410-91600	LENS	1	1	1	1				
27	2	127410-91610	RETAINER	1	1	1	1				
28	2	127410-91620	BODY	1	1	1	1				
29	2	127410-91630	SCREW	3	3	3	3				
30	2	46150-003610	BOX(WITH OUT FUSE	1	1	1	1				
31	3	124617-91990	FUSE	3	3	3	3				
32	2	127620-91790	SWITCH	2	2	2	2				
33	3	127620-91780	CAP, RUBBER	2	2	2	2				
34	2	127410-91590	GASKET	2	2	2	2				
35	2	121575-91250	SWITCH, KEY	1	1	1	1				
36	3	123482-91291	KEY	2	2	2	2				
37	3	127620-91820	COVER	1	1	1	1				
38	2	129470-91150	HARNESS ASSY, WIRE	1	1	1	1				
39	2	127620-91830	CAP, RUBBER	4	4	4	4				
40	2	129470-91190	SWITCH, STOP	1	1	1	1				
41	2	124617-91980	BULB, 12V-1.7W	2	2	2	2				
42	2	124617-91920	BULB, 12V-3W	2	2	2	2				
43	2	124617-91990	FUSE	2	2	2	2				
44	2	129470-91180	BODY, PANEL	1	1	1	1				
45	1	129574-77860	HARNESS, WIRE	1	1	1	1				W

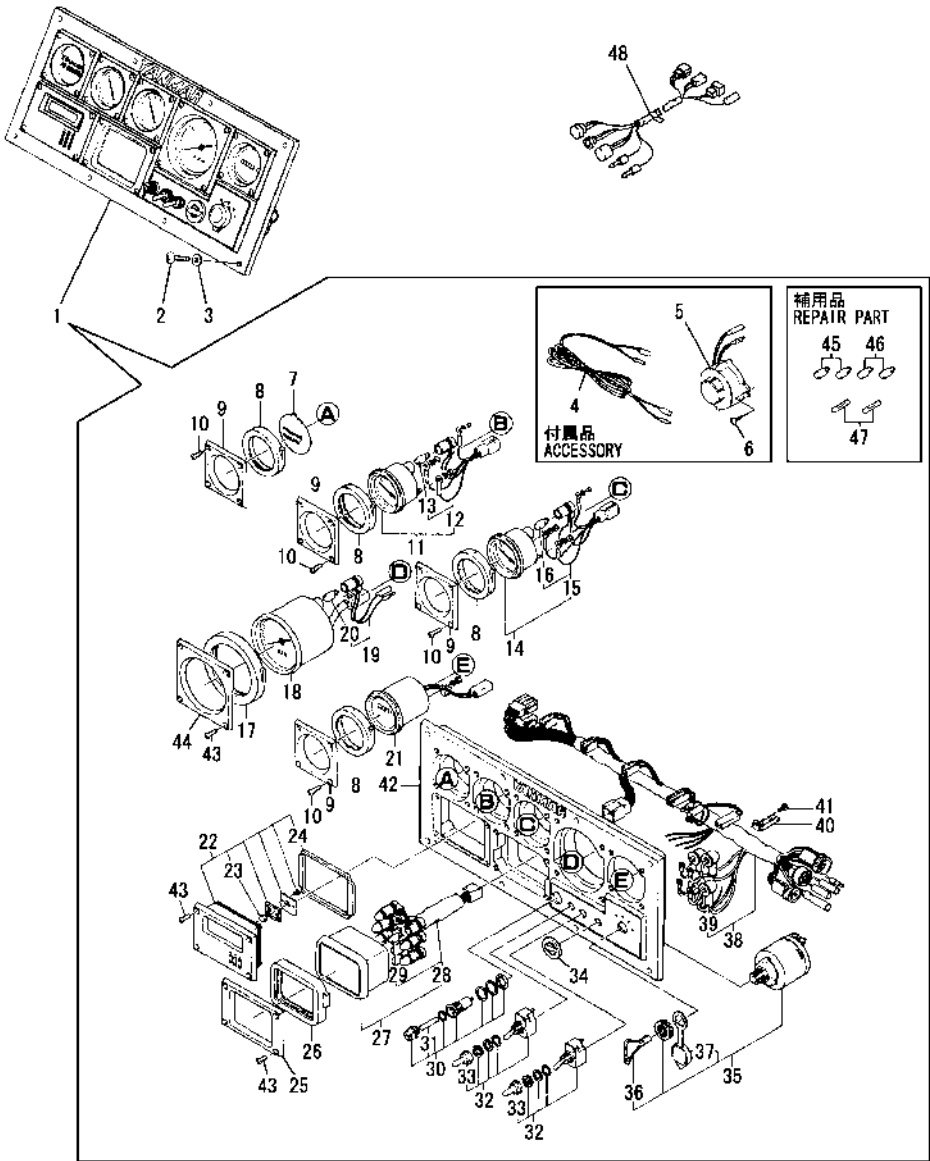
(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

[illegible]

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

Fig.79. INSTRUMENT PANEL(D-TYPE,OPTIONAL)

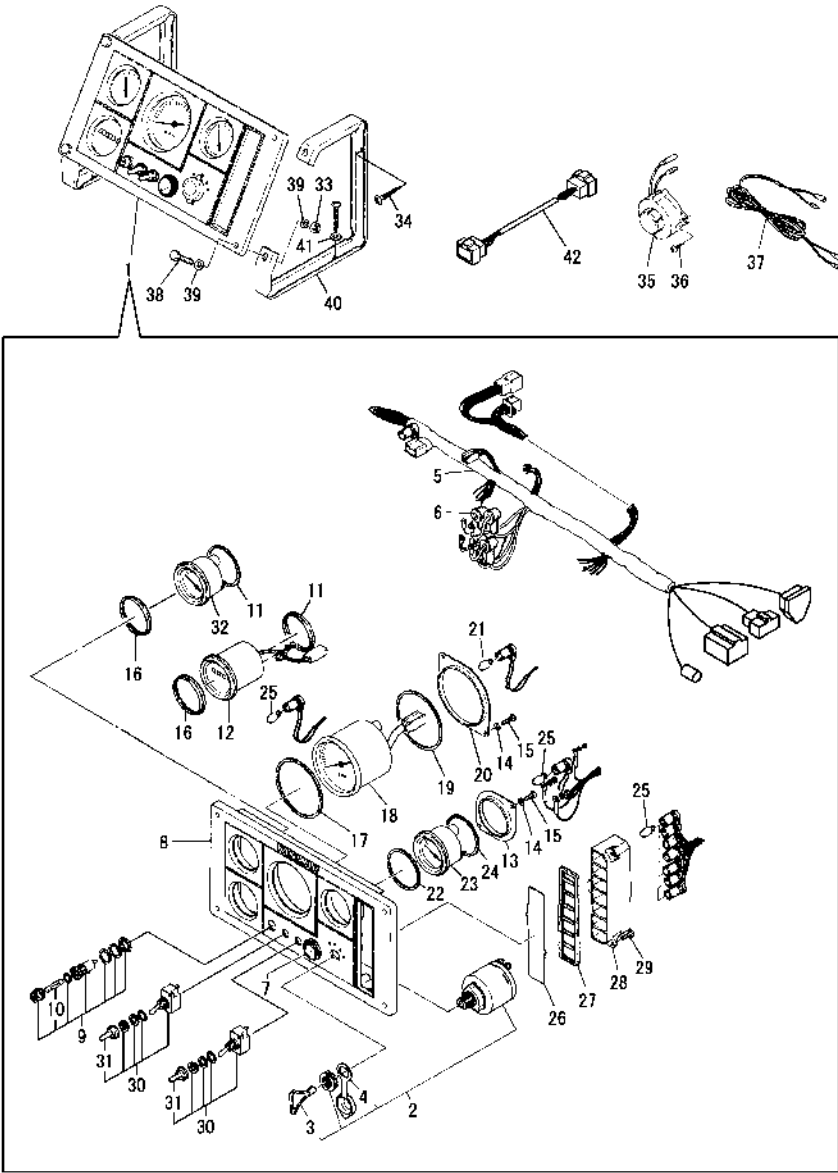


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124411-91180	PANEL ASSY	1	1	1	1				
2	2	127620-91500	SCREW	8	8	8	8				
3	2	127620-91510	WASHER	8	8	8	8				
4	2	127620-91580	HARNESS, WIRE	1	1	1	1				
5	2	124617-91900	BUZZER	1	1	1	1				
6	2	22717-410160	SCREW, 4.1X16	2	2	2	2				
7	2	127620-91600	COVER	1	1	1	1				
8	2	127620-91610	RUBBER	4	4	4	4				
9	2	127620-91620	BRACKET	4	4	4	4				
10	2	127620-91630	SCREW	16	16	16	16				
11	2	124617-91830	GAUGE	1	1	1	1				
12	3	124617-91910	HARNESS, WIRE	1	1	1	1				
13	4	124617-91920	BULB, 12V-3W	1	1	1	1				
14	2	124617-91840	THERMOMETER, WATER	1	1	1	1				
15	3	124617-91930	HARNESS, WIRE	1	1	1	1				
16	4	124617-91920	BULB, 12V-3W	1	1	1	1				
17	2	127620-91690	RUBBER	1	1	1	1				
18	2	128696-91100	TACHOMETER	1	1	1	1				
19	2	124617-91950	HARNESS, WIRE	1	1	1	1				
20	3	124617-91920	BULB, 12V-3W	1	1	1	1				
21	2	124617-91820	METER, HOUR	1	1	1	1				
22	2	127620-91240	TIMER	1	1	1	1				
23	3	127620-91250	CELL	1	1	1	1				
24	3	127620-91720	GASKET	1	1	1	1				
25	2	127620-91730	BRACKET	1	1	1	1				
26	3	127620-91740	RUBBER	1	1	1	1				
27	2	124617-91810	BOX ASSY, PILOT	1	1	1	1				
28	3	124617-91970	HARNESS, WIRE	1	1	1	1				
29	4	124617-91980	BULB, 12V-1.7W	8	8	8	8				
30	2	46150-003610	BOX(WITH OUT FUSE	1	1	1	1				
31	3	124617-91990	FUSE	1	1	1	1				
32	2	127620-91790	SWITCH	2	2	2	2				
33	3	127620-91780	CAP, RUBBER	2	2	2	2				
34	2	127620-91810	PLUG	1	1	1	1				
35	2	121575-91250	SWITCH, KEY	1	1	1	1				
36	3	123482-91291	KEY	2	2	2	2				
37	3	127620-91820	COVER	1	1	1	1				
38	2	124617-91940	HARNESS, WIRE	1	1	1	1				
39	3	127620-91830	CAP, RUBBER	4	4	4	4				
40	2	127620-91860	RETAINER	1	1	1	1				
41	2	127620-91870	SCREW	1	1	1	1				
42	2	127620-91930	PANEL	1	1	1	1				
43	2	127620-91630	SCREW	12	12	12	12				
44	2	127620-91410	BRACKET	1	1	1	1				
45	2	124617-91980	BULB, 12V-1.7W	2	2	2	2				
46	2	124617-91920	BULB, 12V-3W	2	2	2	2				
47	2	124617-91990	FUSE	2	2	2	2				
48	1	129574-77860	HARNESS, WIRE	1	1	1	1				W
(A)=*1992.12)				(B)=*1992.12)		(C)=*1992.12)		(D)=*1992.12)			

Fig.97. (78A)INSTRUMENT PANEL(C-TYPE,OPTIONAL)(FROM EXXXXX)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



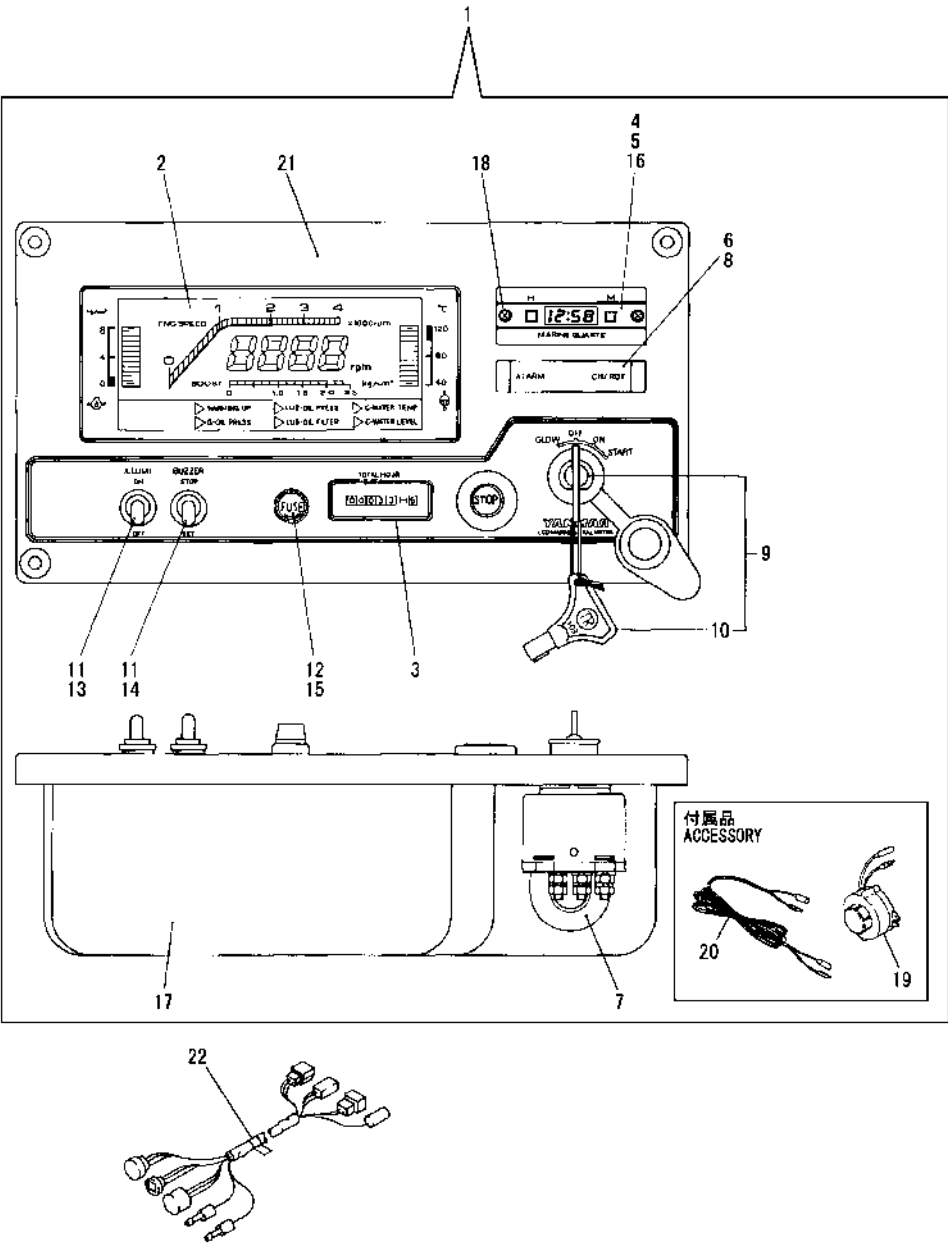
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-91102	PANEL ASSY, C	1	1	1	1				
1-1	1	129470-91103	PANEL ASSY, C	1	1	1	1			F	1
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
2	2	121575-91250	SWITCH, KEY	1	1	1	1				
3	3	123482-91291	KEY	2	2	2	2				
4	3	127620-91820	COVER	1	1	1	1				
5	2	129171-91880	HARNESS, WIRE	1	1	1	1				
6	2	127620-91830	CAP, RUBBER	4	4	4	4				
7	2	129470-91190	SWITCH, STOP	1	1	1	1				
8	2	129470-91180	BODY, PANEL	1	1	1	1				
9	2	46150-003620	FUSE	1	1	1	1				
10	3	124617-91990	FUSE	3	3	3	3				
11	2	127410-91590	GASKET	2	2	2	2				
12	2	157854-04300	HOUR METER	1	1	1	1				
13	2	127410-91510	BRACKET	3	3	3	3				
14	2	127410-91520	WASHER	8	8	8	8				
15	2	127410-91530	SCREW	8	8	8	8				
16	2	127410-91580	GASKET	2	2	2	2				
17	2	127410-91550	GASKET	1	1	1	1				
18	2	129470-91170	TACHOMETER	1	1	1	1				
19	2	127410-91560	GASKET	1	1	1	1				
20	2	127410-91570	BRACKET	1	1	1	1				
21	2	124617-91920	BULB, 12V-3W	1	1	1	1				
22	2	127410-91580	GASKET	1	1	1	1				
23	2	124617-91840	THERMOMETER, WATER	1	1	1	1				
24	2	127410-91590	GASKET	1	1	1	1				
25	2	194555-55820	BULB, 12V1.7W	6	6	6	6				
26	2	127410-91600	LENS	1	1	1	1				
27	2	127410-91610	RETAINER	1	1	1	1				
28	2	127410-91620	BODY	1	1	1	1				
29	2	127410-91630	SCREW	3	3	3	3				
30	2	127687-91790	SWITCH	2	2	2	2				
31	3	127620-91780	CAP, RUBBER	2	2	2	2				
32	2	129470-91161	METER	1	1	1	1				
33	1	127620-91550	NUT	4	4	4	4				
34	1	127620-91570	SCREW	4	4	4	4				
35	1	124617-91900	BUZZER	1	1	1	1				
36	1	22717-410160	SCREW, 4.1X16	1	1	1	1				
37	1	127620-91580	HARNESS, WIRE	1	1	1	1				
38	1	127620-91500	SCREW	4	4	4	4				
39	1	127620-91510	WASHER	8	8	8	8				
40	1	127410-91680	BRACKET, PANEL	2	2	2	2				
41	1	127620-91560	WASHER	4	4	4	4				
42	1	129670-77990	ADAPTER	1	1	1	1				W
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											

Remarks
(1)Interchangeable by simultaneous replacement with No.42.

Fig.80. INSTRUMENT PANEL(E-TYPE,OPTIONAL)

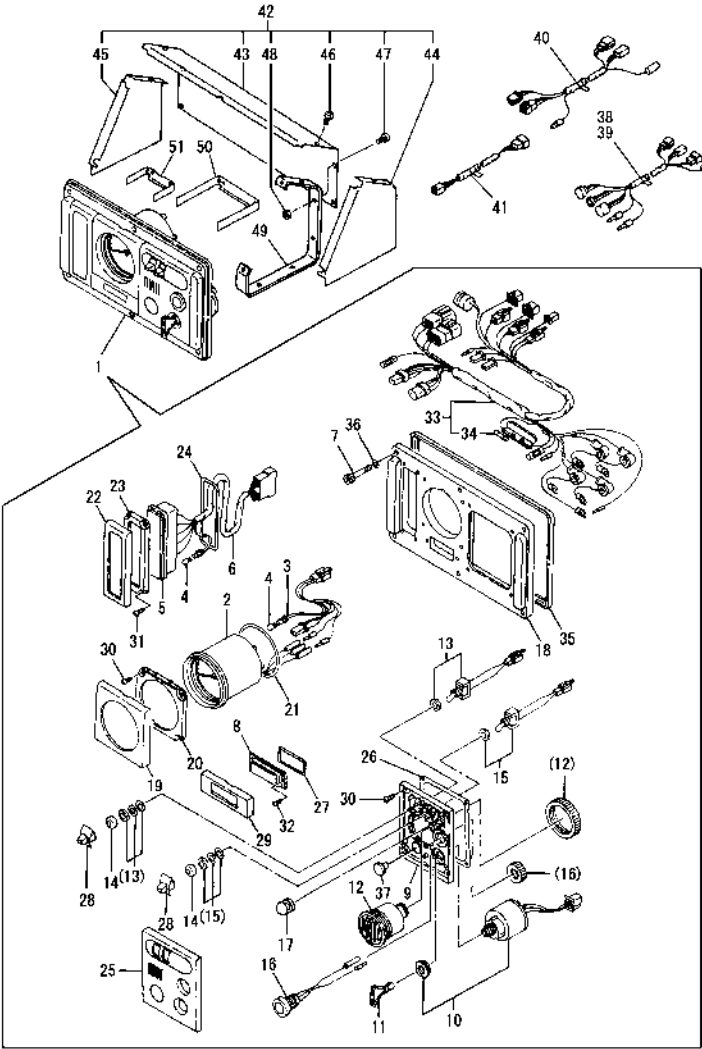
(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-91180	PANNEL ASSY	1	1	1	1				
2	2	127687-91210	LCD ASSY	1	1	1	1				
3	2	120147-91230	HOUR METER	1	1	1	1				
4	2	120147-91760	BULB	1	1	1	1				
5	2	127687-91240	CLOCK ASSY	1	1	1	1				
6	2	127687-91220	PILOT BOX ASSY	1	1	1	1				
7	2	127687-91800	GROMMET	1	1	1	1				
8	2	124617-91920	BULB, 12V-3W	4	4	4	4				
9	2	127412-91250	SWITCH, KEY	1	1	1	1				
10	3	123482-91291	KEY	2	2	2	2				
11	2	127687-91770	CAP	2	2	2	2				
12	2	46150-003610	BOX(WITH OUT FUSE	1	1	1	1				
13	2	127687-91790	SWITCH	1	1	1	1				
14	2	127687-91780	SWITCH	1	1	1	1				
15	2	46150-003620	FUSE	1	1	1	1				
16	2	127687-91250	GASKET	1	1	1	1				
17	2	127687-91840	COVER	1	1	1	1				
18	2	127687-91890	SCREW	2	2	2	2				
19	2	124617-91900	BUZZER	1	1	1	1				
20	2	127620-91580	HARNESS, WIRE	1	1	1	1				
21	2	X5380279A1	PANEL ASSY	1	1	1	1				W
(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST) (D=FROM 1ST)											
22	1	129574-77860	HARNESS, WIRE	1	1	1	1				W
(A=*1992.12) (B=*1992.12) (C=*1992.12) (D=*1992.12)											

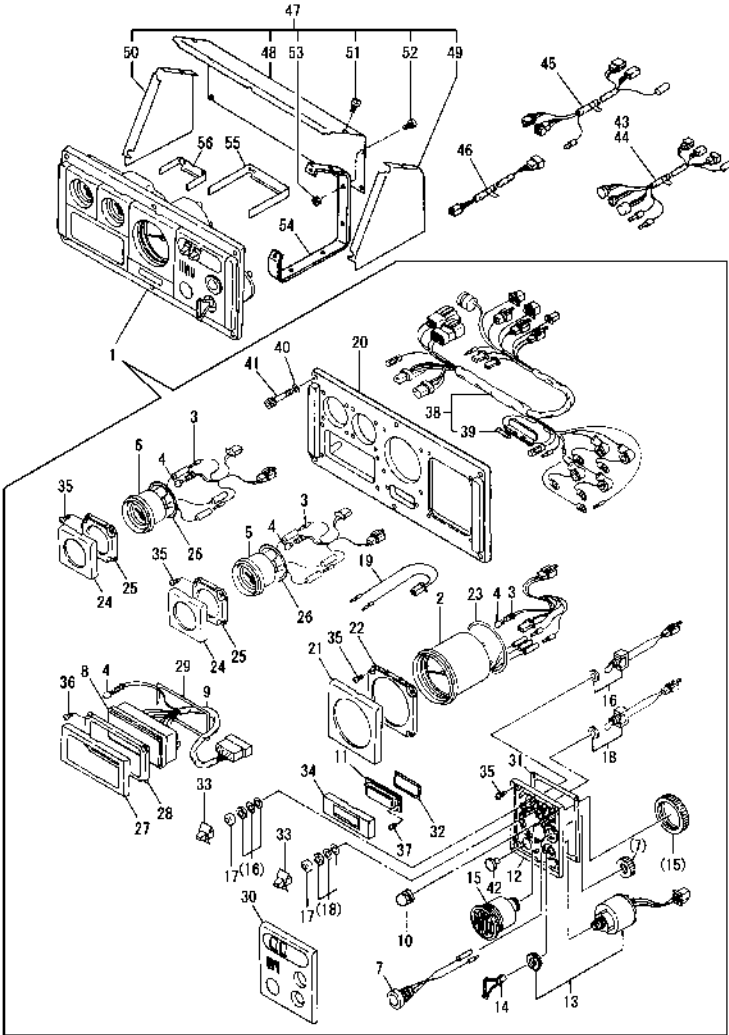
Fig.81. INSTRUMENT PANEL(B-TYPE,OPTIONAL)



Remarks
(1)Use it when mounting the new type panel on the (previous type) wire harness for engine.
(2)Use it when mounting the previous type panel on the (new type) wire harness for engine.
(3)Not needed when mounting on the side.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129574-91130	PANEL, INSTRUMENT	1	1	1	1				
		(A=*1992.12) (B=*1992.12) (C=*1992.12) (D=*1992.12)									W
2	2	129574-91200	METER KIT	1	1	1	1				
3	2	129574-91870	HARNESS, WIRE	1	1	1	1				
4	2	124617-91980	BULB, 12V-1.7W	5	5	5	5				
5	2	128391-91260	BOX	1	1	1	1				
6	2	120130-91860	WIRE	1	1	1	1				
7	2	127687-91870	BOLT, M6X35	6	6	6	6				
8	2	129170-91650	COVER	1	1	1	1				
9	2	129574-91410	BRACKET, SWITCH	1	1	1	1				
10	2	121575-91250	SWITCH, KEY	1	1	1	1				
11	2	123482-91291	KEY	1	1	1	1				
12	2	104271-91352	BUZZER	1	1	1	1				
13	2	129170-91800	SWITCH	1	1	1	1				
14	2	129574-91780	CAP, RUBBER	2	2	2	2				
15	2	129574-91790	SWITCH	1	1	1	1				
16	2	129470-91190	SWITCH, STOP	1	1	1	1				
17	2	129170-91810	COVER	1	1	1	1				
18	2	128391-91930	PANEL	1	1	1	1				
19	2	129574-91620	BEZEL	1	1	1	1				
20	2	129574-91420	BRACKET	1	1	1	1				
21	2	129574-91720	GASKET	1	1	1	1				
22	2	128391-91640	BEZEL	1	1	1	1				
23	2	128391-91440	PLATE	1	1	1	1				
24	2	128391-91740	GASKET	1	1	1	1				
25	2	129170-91610	BEZEL	1	1	1	1				
26	2	129574-91710	GASKET	1	1	1	1				
27	2	129574-91750	GASKET	1	1	1	1				
28	2	129574-91770	KNOB	2	2	2	2				
29	2	129574-91650	BEZEL	1	1	1	1				
30	2	127692-91410	SCREW	8	8	8	8				
31	2	127692-91440	SCREW	4	4	4	4				
32	2	127692-91450	SCREW	2	2	2	2				
33	2	129570-91850	HARNESS, WIRE	1	1	1	1				
34	3	124617-91990	FUSE	1	1	1	1				
35	2	128391-91700	GASKET	1	1	1	1				
36	2	127687-91880	WASHER	6	6	6	6				
37	2	129574-91760	COVER	1	1	1	1				
38	1	129574-77850	HARNESS, WIRE	1	1	1	1				1
39	1	129574-77860	HARNESS, WIRE	1	1	1	1				2
40	1	127692-91700	HARNESS, WIRE	1	1	1	1				
41	1	127692-91710	HARNESS, WIRE	1	1	1	1				
42	1	129574-91900	COVER ASSY	1	1	1	1				
43	2	129574-91950	COVER, PANEL	1	1	1	1				
44	2	129574-91960	COVER, PANEL	1	1	1	1				
45	2	129574-91970	COVER, PANEL	1	1	1	1				
46	2	26559-060122	SCREW, M6X12	2	2	2	2				
47	2	26556-060122	SCREW M 6X12	4	4	4	4				3
48	2	26716-060002	NUT, M6	4	4	4	4				3
49	1	129574-91530	BRACKET, PANEL	2	2	2	2				
50	1	129574-91540	BRACKET	1	1	1	1				

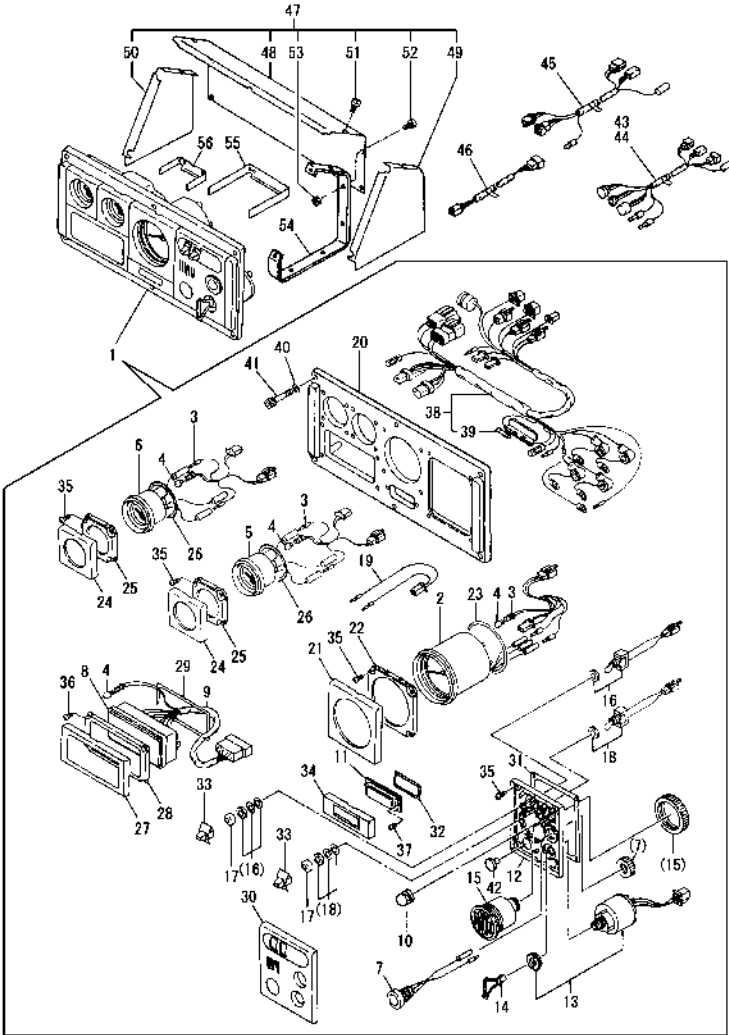
Fig.82. INSTRUMENT PANEL(C-TYPE,OPTIONAL)(UP TO EXXXXX)



Remarks
(1)Use it when mounting the new type panel on the (previous type) wire harness for engine.
(2)Use it when mounting the previous type panel on the (new type) wire harness for engine.
(3)Not needed when mounting on the side.
(4)Component parts:Refer to Fig.(82A)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129574-91160	PANEL ASSY, INSTRUM	1	1	1	1				W
		(A=*1992.12) (B=*1992.12) (C=*1992.12) (D=*1992.12)									
1-1	1	129574-91161	PANEL ASSY, C	1	1	1	1				S
		(A=E11243) (B=E22999) (C=E24826) (D=E52640)									
1-2	1	129574-91162	PANEL ASSY, C	1	1	1	1				N 4
		(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)									
2	2	129574-91200	METER KIT	1	1	1	1				
3	2	129574-91870	HARNESS, WIRE	3	3	3	3				
4	2	124617-91980	BULB, 12V-1.7W	8	8	8	8				
5	2	129574-91210	METER	1	1	1	1				
6	2	129574-91220	METER	1	1	1	1				
6-1	2	129574-91221	METER	1	1	1	1				S
		(A=E11243) (B=E22999) (C=E24826) (D=E52640)									
7	2	129470-91190	SWITCH, STOP	1	1	1	1				
8	2	129170-91260	BOX	1	1	1	1				
9	2	129170-91860	HARNESS, WIRE	1	1	1	1				
10	2	129170-91810	COVER	1	1	1	1				
11	2	129170-91650	COVER	1	1	1	1				
12	2	129574-91410	BRACKET, SWITCH	1	1	1	1				
13	2	121575-91250	SWITCH, KEY	1	1	1	1				
14	2	123482-91291	KEY	1	1	1	1				
15	2	104271-91352	BUZZER	1	1	1	1				
16	2	129170-91800	SWITCH	1	1	1	1				
17	2	129574-91780	CAP, RUBBER	2	2	2	2				
18	2	129574-91790	SWITCH	1	1	1	1				
19	2	129170-91890	HARNESS, WIRE	1	1	1	1				
20	2	129170-91930	PANEL	1	1	1	1				
21	2	129574-91620	BEZEL	1	1	1	1				
22	2	129574-91420	BRACKET	1	1	1	1				
23	2	129574-91720	GASKET	1	1	1	1				
24	2	129574-91630	BEZEL	2	2	2	2				
25	2	129574-91430	BRACKET	2	2	2	2				
26	2	129574-91730	GASKET	2	2	2	2				
27	2	129574-91640	BEZEL	1	1	1	1				
28	2	129574-91440	BRACKET	1	1	1	1				
29	2	129574-91740	GASKET	1	1	1	1				
30	2	129170-91610	BEZEL	1	1	1	1				
31	2	129574-91710	GASKET	1	1	1	1				
32	2	129574-91750	GASKET	1	1	1	1				
33	2	129574-91770	KNOB	2	2	2	2				
34	2	129574-91650	BEZEL	1	1	1	1				
35	2	127692-91410	SCREW	16	16	16	16				
36	2	127692-91440	SCREW	4	4	4	4				
37	2	127692-91450	SCREW	2	2	2	2				
38	2	129170-91850	HARNESS, WIRE	1	1	1	1				
39	3	124617-91990	FUSE	1	1	1	1				
40	2	127687-91880	WASHER	6	6	6	6				
41	2	127687-91870	BOLT, M6X35	6	6	6	6				
42	2	129574-91760	COVER	1	1	1	1				
43	1	129574-77850	HARNESS, WIRE	1	1	1	1				1
44	1	129574-77860	HARNESS, WIRE	1	1	1	1				2

Fig.82. INSTRUMENT PANEL(C-TYPE,OPTIONAL)(UP TO EXXXXX)

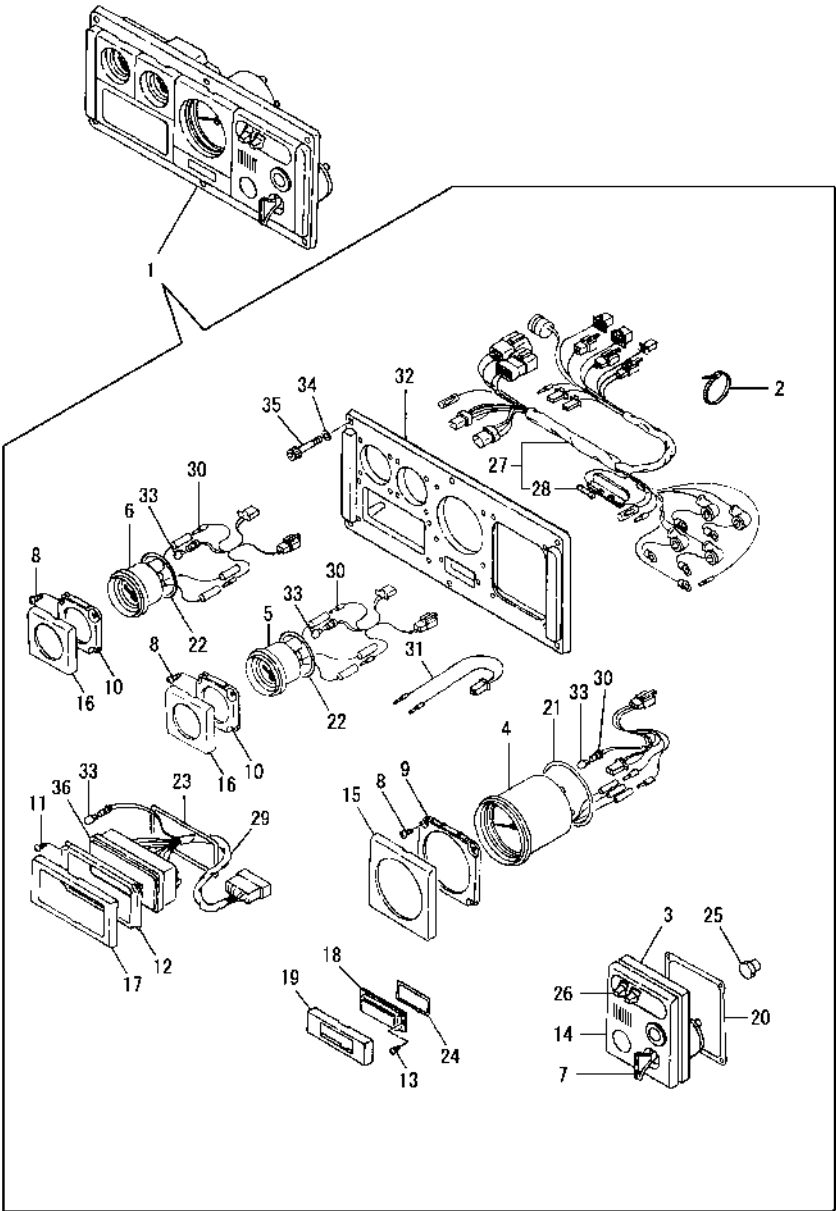


Remarks
(1)Use it when mounting the new type panel on the (previous type) wire harness for engine.
(2)Use it when mounting the previous type panel on the (new type) wire harness for engine.
(3)Not needed when mounting on the side.
(4)Component parts:Refer to Fig.(82A)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE
(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
45	1	127692-91700	HARNESS, WIRE	1	1	1	1				
46	1	127692-91710	HARNESS, WIRE	1	1	1	1				
47	1	120324-91900	COVER, PANEL	1	1	1	1				
48	2	120324-91950	COVER	1	1	1	1				
49	2	129574-91960	COVER, PANEL	1	1	1	1				
50	2	129574-91970	COVER, PANEL	1	1	1	1				
51	2	26559-060122	SCREW, M6X12	2	2	2	2				
52	2	26556-060122	SCREW M 6X12	4	4	4	4				3
53	2	26716-060002	NUT, M6	4	4	4	4				3
54	1	129574-91530	BRACKET, PANEL	2	2	2	2				
55	1	129574-91540	BRACKET	1	1	1	1				
56	1	129574-91550	BRACKET	1	1	1	1				

Fig.98. (82A)INSTRUMENT PANEL(C-TYPE,OPTIONAL)(FROM EXXXXX)

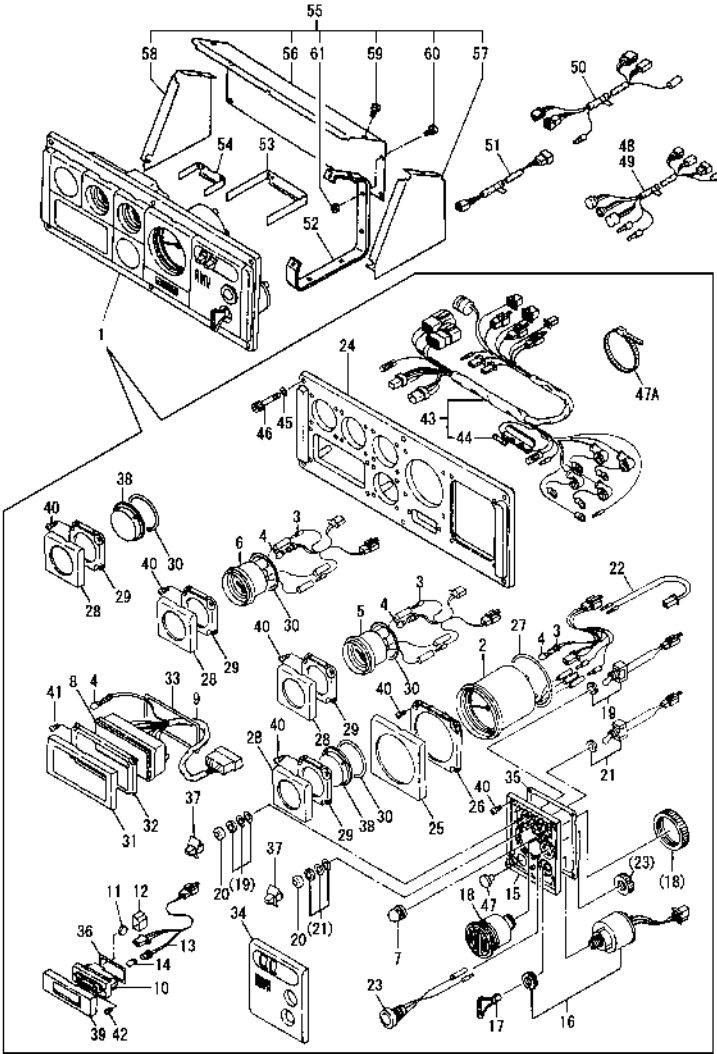


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129574-91162	PANEL ASSY, C	1	1	1	1				
2	2	198451-78680	CLAMP, CORD	2	2	2	2				
3	2	129470-91191	BOX ASSY	1	1	1	1				
4	2	129574-91200	METER KIT	1	1	1	1				
5	2	129574-91210	METER	1	1	1	1				
6	2	129574-91222	METER	1	1	1	1				
7	2	123482-91291	KEY	1	1	1	1				
8	2	127692-91410	SCREW	16	16	16	16				
9	2	129574-91420	BRACKET	1	1	1	1				
10	2	129574-91430	BRACKET	2	2	2	2				
11	2	127692-91440	SCREW	4	4	4	4				
12	2	129574-91440	BRACKET	1	1	1	1				
13	2	127692-91450	SCREW	2	2	2	2				
14	2	129170-91610	BEZEL	1	1	1	1				
15	2	129574-91620	BEZEL	1	1	1	1				
16	2	129574-91630	BEZEL	2	2	2	2				
17	2	129574-91640	BEZEL	1	1	1	1				
18	2	129170-91650	COVER	1	1	1	1				
19	2	129574-91650	BEZEL	1	1	1	1				
20	2	129574-91710	GASKET	1	1	1	1				
21	2	129574-91720	GASKET	1	1	1	1				
22	2	129574-91730	GASKET	2	2	2	2				
23	2	129574-91740	GASKET	1	1	1	1				
24	2	129574-91750	GASKET	1	1	1	1				
25	2	129574-91760	COVER	1	1	1	1				
26	2	129574-91770	KNOB	2	2	2	2				
27	2	129170-91850	HARNESS, WIRE	1	1	1	1				
28	3	124617-91990	FUSE	1	1	1	1				
29	2	129170-91860	HARNESS, WIRE	1	1	1	1				
30	2	129574-91870	HARNESS, WIRE	1	1	1	1				
31	2	129170-91890	HARNESS, WIRE	1	1	1	1				
32	2	129170-91930	PANEL	1	1	1	1				
33	2	124617-91980	BULB, 12V-1.7W	7	7	7	7				
34	2	127687-91880	WASHER	6	6	6	6				
35	2	127687-91870	BOLT, M6X35	6	6	6	6				
36	2	XYM0234001N	BOX, ALARM	1	1	1	1				

Fig.83. INSTRUMENT PANEL(D-TYPE,OPTIONAL)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=



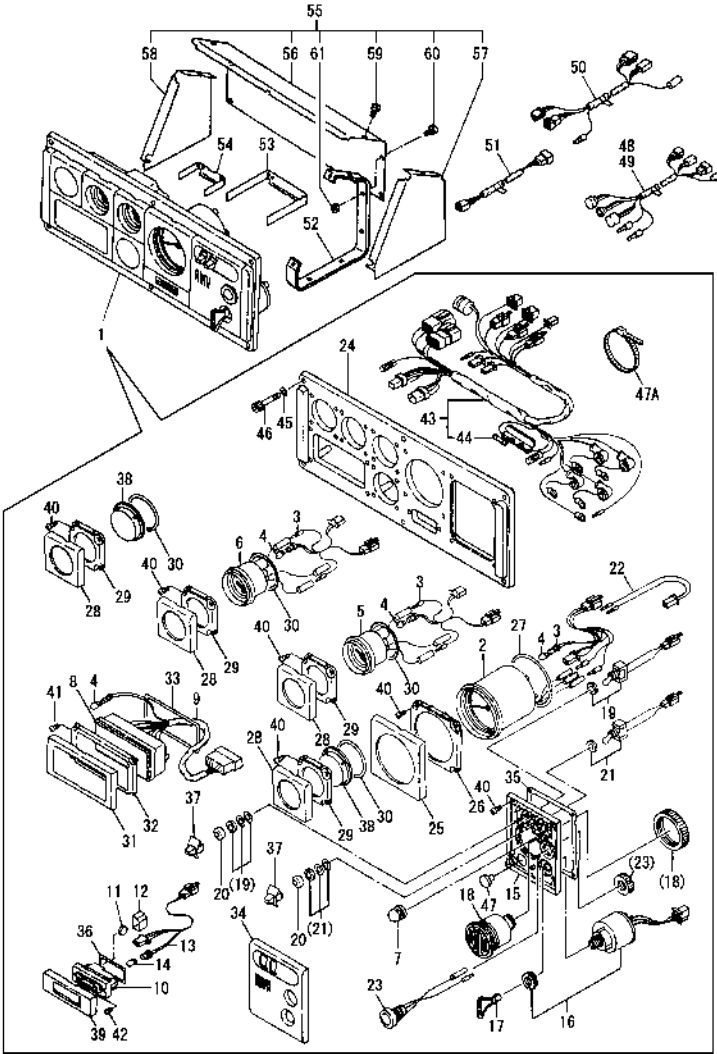
Remarks
(1)Use it when mounting the new type panel on the (previous type) wire harness for engine.
(2)Use it when mounting the previous type panel on the (new type) wire harness for engine.
(3)Not needed when mounting on the side.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129574-91190	PANEL, INSTRUMENT D (A=*1992.12) (B=*1992.12) (C=*1992.12) (D=*1992.12)	1	1	1	1				W
1-1	1	129574-91191	PANEL ASSY, D (A=E11243) (B=E22999) (C=E24826) (D=E52640)	1	1	1	1				S
1-2	1	129574-91192	PANEL ASSY, D (A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)	1	1	1	1				N
2	2	129574-91200	METER KIT	1	1	1	1				
3	2	129574-91870	HARNESS, WIRE	3	3	3	3				
4	2	124617-91980	BULB, 12V-1.7W	8	8	8	8				
5	2	129574-91210	METER	1	1	1	1				
6	2	129574-91220	METER	1	1	1	1				
6-1	2	129574-91221	METER (A=E11243) (B=E22999) (C=E24826) (D=E52640)	1	1	1	1				S
6-2	2	129574-91222	METER (A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)	1	1	1	1				N
7	2	129170-91810	COVER	1	1	1	1				
8	2	129574-91260	BOX	1	1	1	1				
9	2	129574-91860	WIRE	1	1	1	1				
10	2	129574-91240	CLOCK	1	1	1	1				
11	2	127620-91250	CELL	1	1	1	1				
12	2	129574-91490	HOLDER	1	1	1	1				
13	2	129574-91880	HARNESS, WIRE	1	1	1	1				
14	2	120147-91760	BULB	1	1	1	1				
15	2	129574-91410	BRACKET, SWITCH	1	1	1	1				
16	2	121575-91250	SWITCH, KEY	1	1	1	1				
17	2	123482-91291	KEY	1	1	1	1				
18	2	104271-91352	BUZZER	1	1	1	1				
19	2	129170-91800	SWITCH	1	1	1	1				
20	2	129574-91780	CAP, RUBBER	2	2	2	2				
21	2	129574-91790	SWITCH	1	1	1	1				
22	2	129574-91890	HARNESS, WIRE	1	1	1	1				
23	2	129470-91190	SWITCH, STOP	1	1	1	1				
24	2	129574-91930	PANEL	1	1	1	1				
25	2	129574-91620	BEZEL	1	1	1	1				
26	2	129574-91420	BRACKET	1	1	1	1				
27	2	129574-91720	GASKET	1	1	1	1				
28	2	129574-91630	BEZEL	4	4	4	4				
29	2	129574-91430	BRACKET	4	4	4	4				
30	2	129574-91730	GASKET	4	4	4	4				
31	2	129574-91640	BEZEL	1	1	1	1				
32	2	129574-91440	BRACKET	1	1	1	1				
33	2	129574-91740	GASKET	1	1	1	1				
34	2	129170-91610	BEZEL	1	1	1	1				
35	2	129574-91710	GASKET	1	1	1	1				
36	2	129574-91750	GASKET	1	1	1	1				
37	2	129574-91770	KNOB	2	2	2	2				
38	2	129574-91600	COVER	2	2	2	2				
39	2	129574-91650	BEZEL	1	1	1	1				
40	2	127692-91410	SCREW	24	24	24	24				
41	2	127692-91440	SCREW	4	4	4	4				
42	2	127692-91450	SCREW	2	2	2	2				

Fig.83. INSTRUMENT PANEL(D-TYPE,OPTIONAL)

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

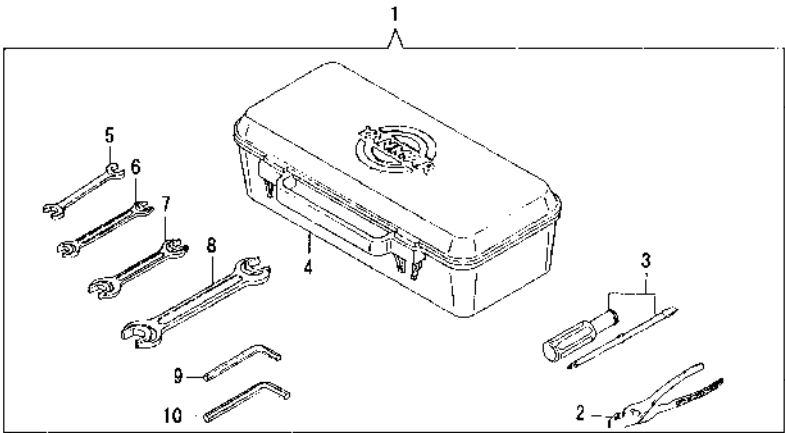
(D)=4LH-STE
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
43	2	129574-91850	HARNESS, WIRE	1	1	1	1				
44	3	124617-91990	FUSE	1	1	1	1				
45	2	127687-91880	WASHER	6	6	6	6				
46	2	127687-91870	BOLT, M6X35	6	6	6	6				
47	2	129574-91760	COVER	1	1	1	1				
47A	2	198451-78680	CLAMP, CORD	3	3	3	3			W	
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
48	1	129574-77850	HARNESS, WIRE	1	1	1	1				1
49	1	129574-77860	HARNESS, WIRE	1	1	1	1				2
50	1	127692-91700	HARNESS, WIRE	1	1	1	1				
51	1	127692-91710	HARNESS, WIRE	1	1	1	1				
52	1	129574-91530	BRACKET, PANEL	2	2	2	2				
53	1	129574-91540	BRACKET	1	1	1	1				
54	1	129574-91550	BRACKET	1	1	1	1				
55	1	127692-91900	COVER, PANEL	1	1	1	1				
56	2	127692-91950	COVER, PANEL	1	1	1	1				
57	2	129574-91960	COVER, PANEL	1	1	1	1				
58	2	129574-91970	COVER, PANEL	1	1	1	1				
59	2	26559-060122	SCREW, M6X12	2	2	2	2				
60	2	26556-060122	SCREW M 6X12	4	4	4	4				3
61	2	26716-060002	NUT, M6	4	4	4	4				3

Remarks
(1)Use it when mounting the new type panel on the (previous type) wire harness for engine.
(2)Use it when mounting the previous type panel on the (new type) wire harness for engine.
(3)Not needed when mounting on the side.

Fig.84. TOOL



(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	705311-92100	BOX ASSY, TOOL	1	1	1	1				
2	2	189010-92020	PLIER	1	1	1	1				
3	2	104200-92350	DRIVER, SCREW	1	1	1	1				
4	2	104200-92600	BOX, TOOL	1	1	1	1				
5	2	28110-100130	SPANNER, 10X13	1	1	1	1				
6	2	28110-120140	SPANNER, 12X14	1	1	1	1				
7	2	28110-170190	SPANNER, 17X19	1	1	1	1				
8	2	28110-220240	SPANNER, 22X24	1	1	1	1				
9	2	28150-050000	WRENCH, BAR 5	1	1	1	1				
10	2	28150-060000	WRENCH, BAR 6	1	1	1	1				

(A)=4LH-TE
(B)=4LH-HTE
(C)=4LH-DTE

(D)=4LH-STE
(E)=
(F)=

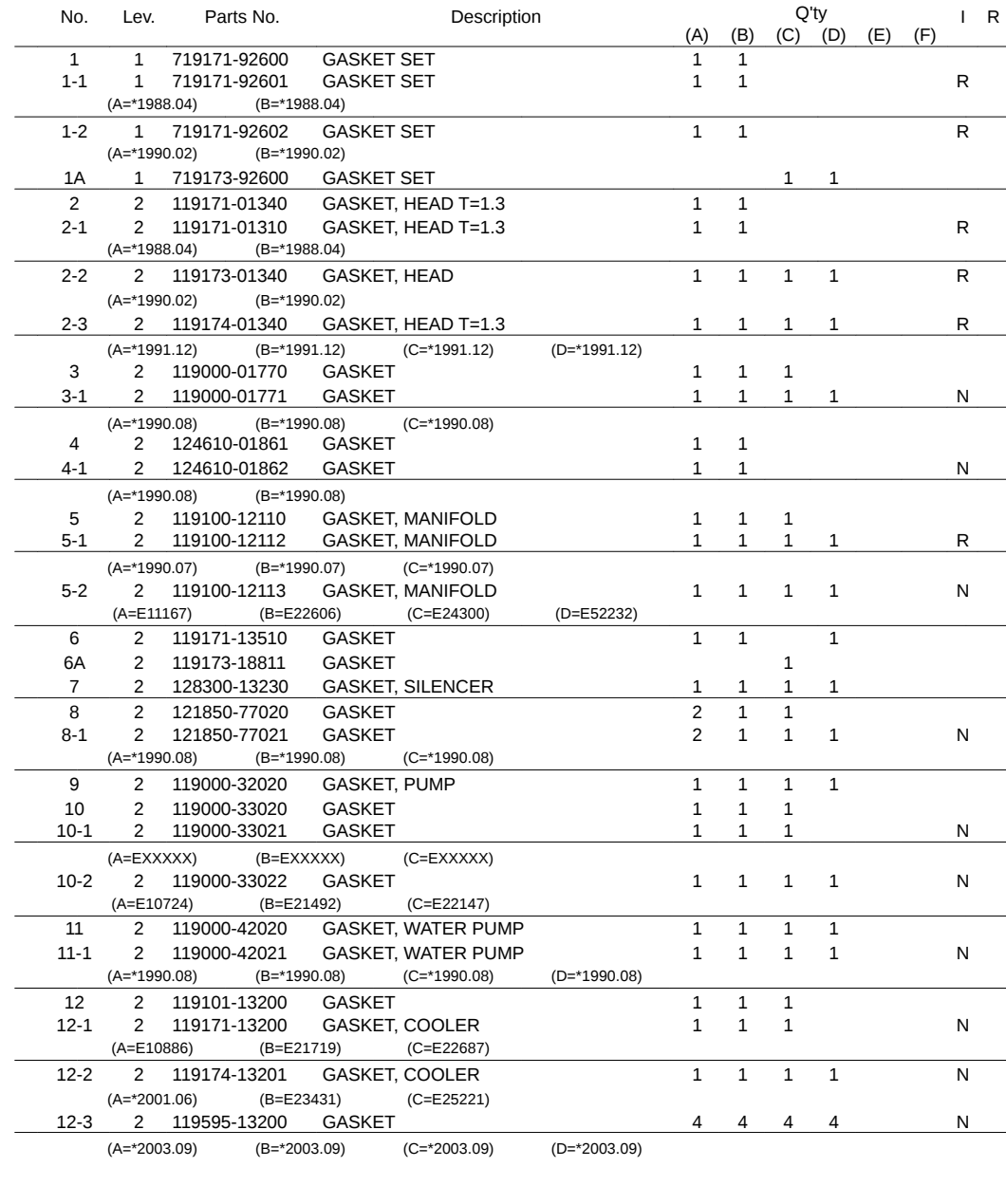
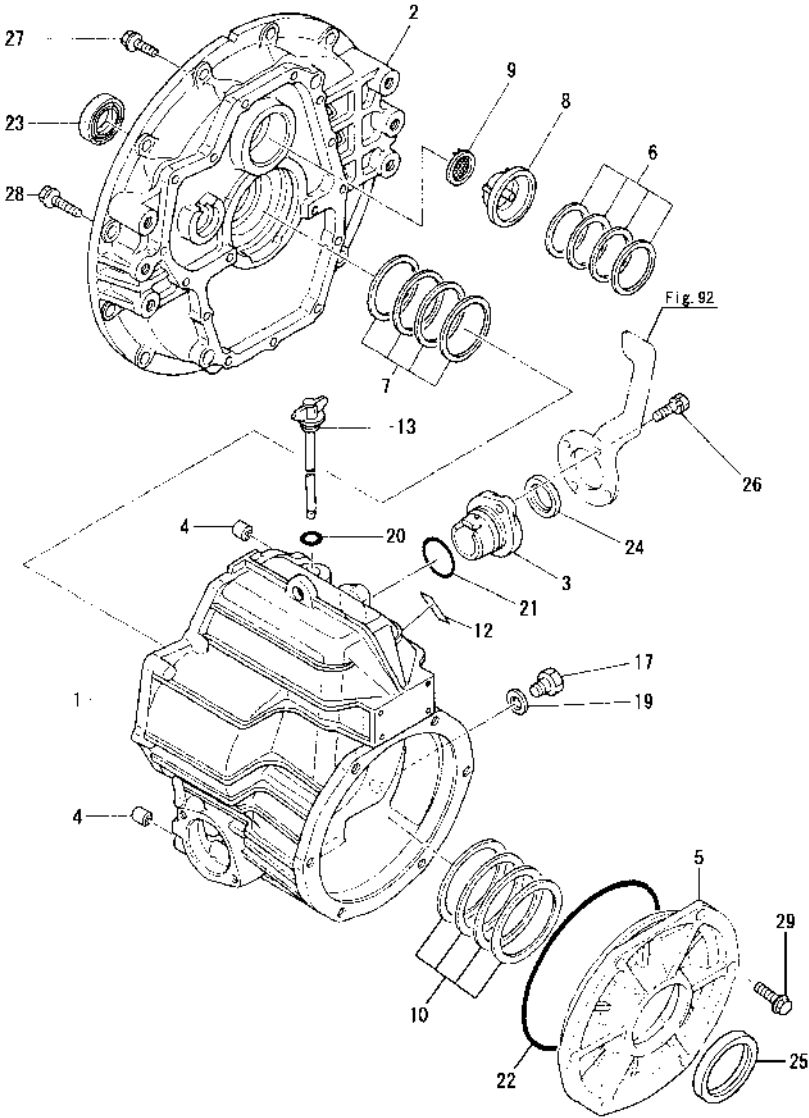


Fig.86. CLUTCH HOUSING

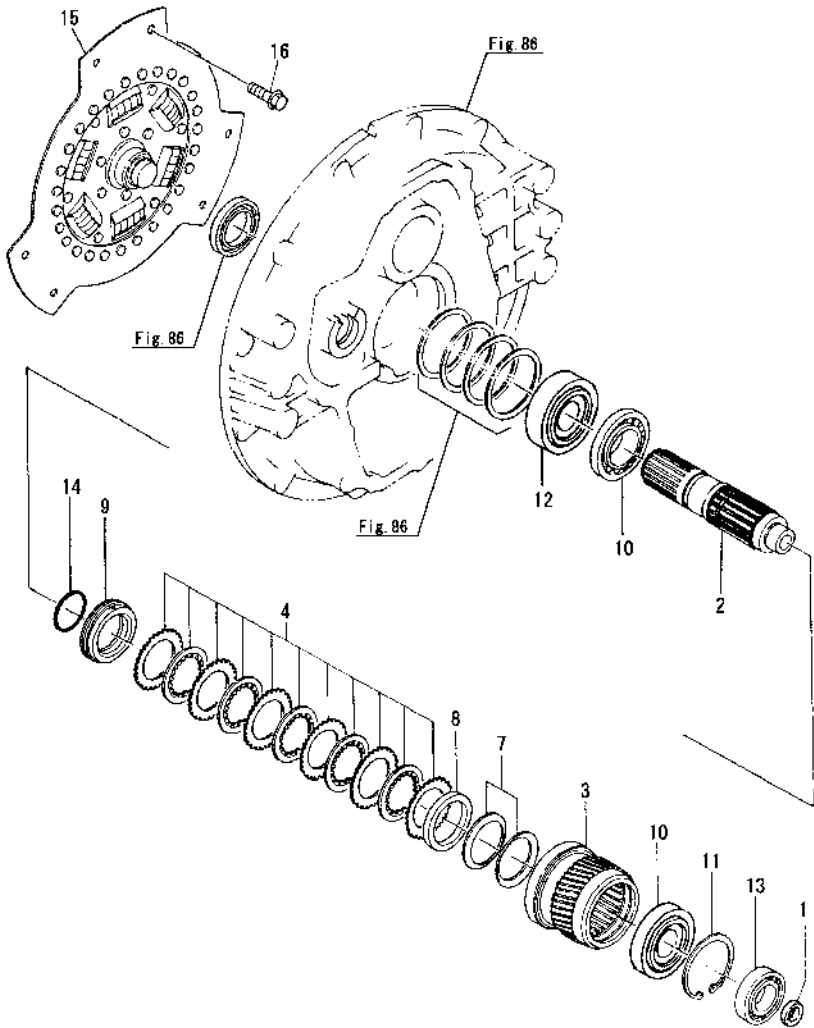
(A)=KM5A
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177074-02011	CASE	1							
2	1	177074-02051	FLANGE, #4	1							
3	1	177088-02120	COVER	1							
4	1	177099-02130	PIN, PARALLEL	2							
5	1	177074-02151	COVER	1							
6	1	177075-02150	SHIM SET	2							
7	1	177095-02150	SHIM SET	1							
8	1	177074-02251	CASE, STRAINER	1							
9	1	177073-02261	STRAINER	1							
10	1	177074-02350	SHIM SET	1							
12	1	177073-02430	LABEL	1							
12-1	1	177073-02431	LABEL, DIRECTION	1							N
(A=*1995.07)											
13	1	177074-02500	DIPSTICK ASSY	1							
17	1	177035-02920	PLUG, MAGNET M16X1.5	1							
19	1	23414-160000	GASKET, 16X1.0	1							
20	1	24311-000180	O-RING, 1AP18.0	1							
21	1	24321-000400	O-RING, 1AG40.0	1							
21-1	1	24321-000350	O-RING, 1AG35.0	1							N
(A=EXXXXX)											
22	1	24321-001900	O-RING, 1AG190.0	1							
23	1	24413-355208	SEAL, OIL SC355208	1							
24	1	24421-284008	SEAL, OIL TC284008	1							
25	1	24421-608209	SEAL TC60829, OIL	1							
26	1	26016-080302	BOLT, M8X 30	2							
26-1	1	26013-080302	BOLT, M8X 30	2							R
(A=*1994.12)											
27	1	26016-080352	BOLT, M8X 35	14							
28	1	26016-080502	BOLT M 8X 50	2							
29	1	26016-100352	BOLT, M10X 35	6							

Fig.87. INPUT SHAFT



(A)=KM5A
(B)=
(C)=

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

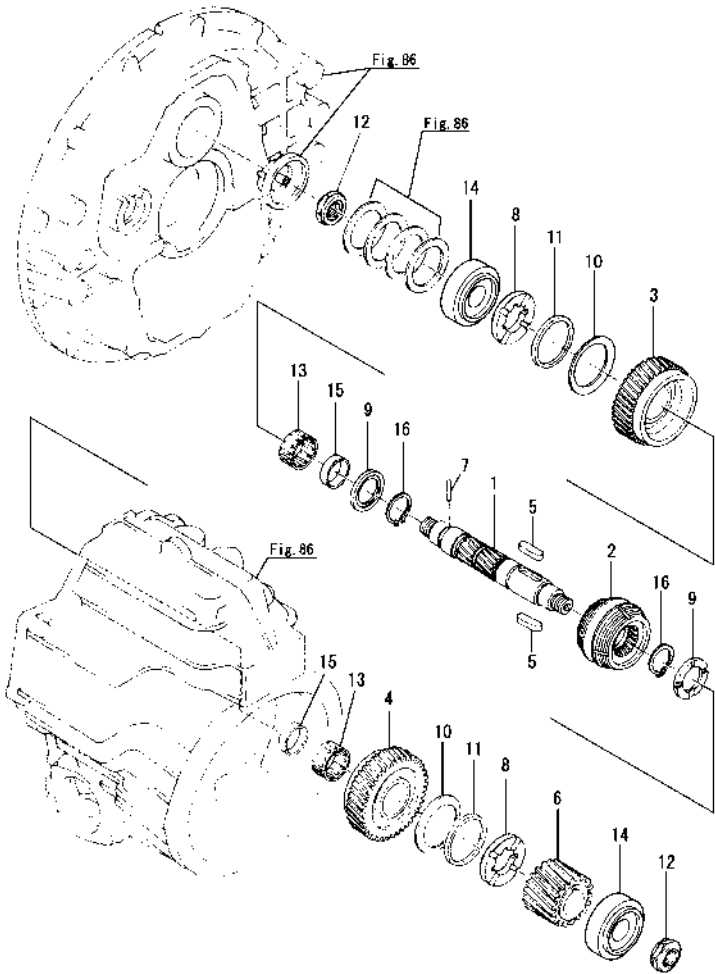
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177095-02980	SEAL, OIL	1							
2	1	177074-03011	SHAFT, INPUT	1							
3	1	177074-03031	GEAR, Z=38	1							
4	1	177074-03040	PLATE ASSY	1							
7	1	177074-03090	SPRING	2							
8	1	177074-03100	PLATE	1							
9	1	177074-03111	NUT, LOCK	1							
9-1	1	177074-03112	NUT, LOCK	1							R
(A=EXXXXX)											
10	1	177074-03850	BALL BEARING	2							
11	1	22252-000750	RING, 75	1							
12	1	24142-302070	BEARING, 30207H	1							
13	1	24141-320070	BEARING, 32007	1							
14	1	24311-000440	O-RING, 1AP44.0	1							
15	1	177074-03511	DISK, DAMPER	1							
15-1	1	177074-03950	DISK, DAMPER	1							N
(A=*1988.02)											
15-2	1	177074-03951	DISK, DAMPER	1							R
(A=*1991.01)											
16	1	26106-100202	BOLT, M10X 20 PLATED	6							

N:Old $\xrightarrow[\text{NO}]{\text{YES}}$ New, Q:Old $\xrightarrow[\text{YES}]{\text{NO}}$ New, R:Old $\xrightarrow[\text{YES}]{\text{NO}}$ New, S:Old $\xrightarrow[\text{NO}]{\text{YES}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.88. CLUTCH SHAFT

(A)=KM5A
(B)=
(C)=

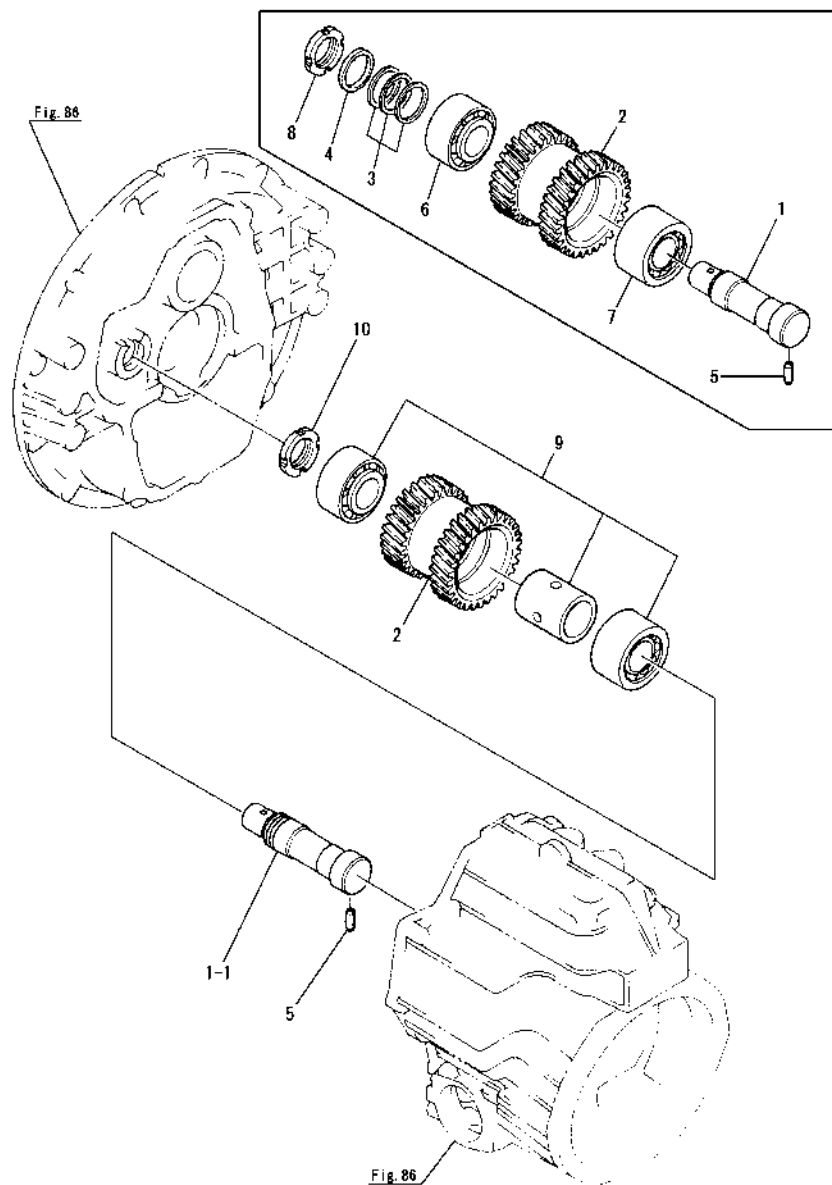
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177074-03151	SHAFT, CLUTCH	1							
2	1	177074-03170	CONE, DRIVE	1							
3	1	177074-03200	GEAR, A Z=39	1							
4	1	177074-03230	GEAR, B Z=41	1							
5	1	177090-03230	KEY	2							
6	1	177074-03261	GEAR, Z=25 l=2.57	1							1
6A	1	177074-03271	GEAR, Z=29 l=2.07	1							2
6B	1	177074-03290	GEAR, Z=36	1							3
7	1	177088-03290	PIN	1							
8	1	177074-03311	COLLAR, THRUST	2							
9	1	177074-03321	COLLAR, THRUST	2							
10	1	177074-03330	SPRING	2							
11	1	177074-03340	RETAINER	2							
12	1	177074-03401	NUT, LOCK	2							
13	1	177074-03860	NEDDLE BEARING	2							
14	1	24142-322060	BEARING, 32206H	2							
15	1	24163-320200	RING, INNER 324020	2							
16	1	24164-000322	CIRCLIP, 32	2							

Remarks
(1)l=2.57
(2)l=2.07
(3)l=1.46

Fig.89. SUPPORT SHAFT



Remarks
(1)Interchangeable by simultaneous replacement with Ref.No.No.9,10.

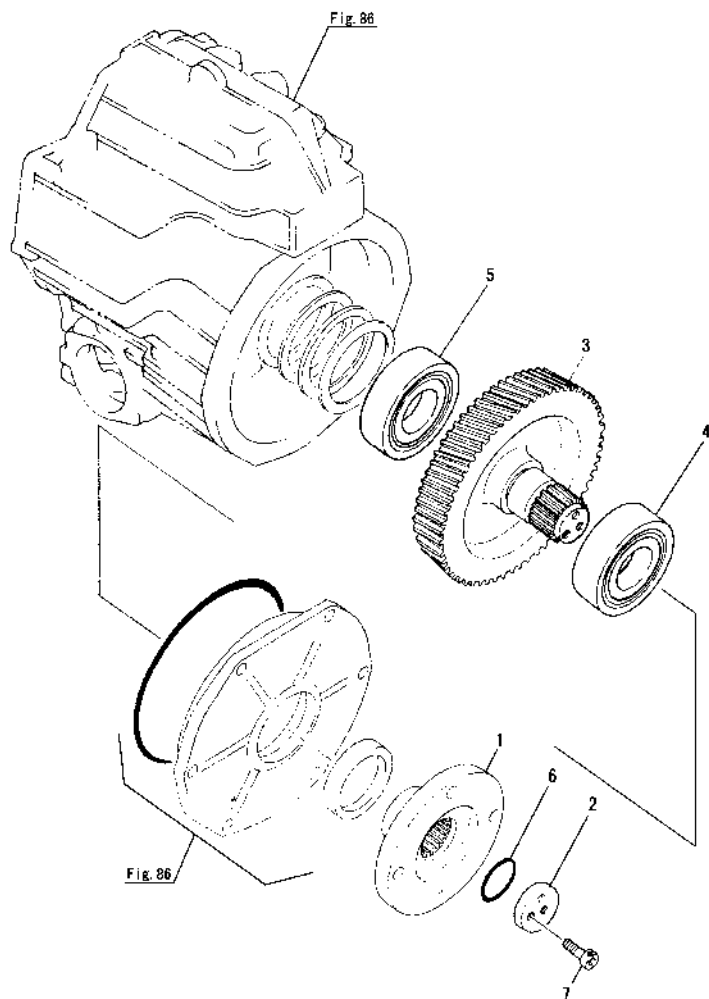
(A)=KM5A
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177074-03360	SHAFT	1							
1-1	1	177074-03361	SHAFT	1							S 1
(A=*1987.11)											
2	1	177074-03380	GEAR, IDLE 38-40	1							
3	1	177074-03410	SHIM SET	1							Z
(A=*1987.11)											
4	1	194250-25520	SPACER, 35X45X2	1							Z
(A=*1987.11)											
5	1	22351-080016	PIN, SPRING 8.0X16	1							
6	1	24141-302070	BEARING, 30207	1							Z
(A=*1987.11)											
7	1	24142-322070	BEARING, 32207H	1							Z
(A=*1987.11)											
8	1	24211-030002	NUT, BEARING 30	1							Z
(A=*1987.11)											
9	1	177074-03420	BEARING	1							W 1
(A=*1987.11)											
10	1	24211-035002	NUT, BEARING 35	1							W 1
(A=*1987.11)											

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

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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177074-03500	COUPLING	1							
2	1	177074-03540	PLATE	1							
3	1	177074-03611	SHAFT, Z=61 I=2.57	1							1
3A	1	177074-03621	SHAFT, Z=57 I=2.07	1							2
3B	1	177074-03640	SHAFT, Z=50 I=1.46	1							3
4	1	24142-303090	BEARING, 30309H	1							
5	1	24144-303090	BEARING, 30309DH	1							
6	1	24321-000400	O-RING, 1AG40.0	1							
7	1	26450-100202	BOLT, M10X 20	3							

Remarks
(1) $I=2.57$
(2) $I=2.07$
(3) $I=1.46$

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

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Fig.91. LUB. OIL COOLER(CLUTCH)

(A)=KM5A
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177074-04020	COVER(R)	1							
2	1	177074-04030	COVER(L)	1							
3	1	177074-04051	TUBE, FIN	1							
4	1	128695-44090	COCK	1							
5	1	24311-000340	O-RING, 1AP34.0	4							
6	1	24321-000550	O-RING, 1AG55.0	2							
7	1	26016-080252	BOLT, M8X 25	4							
7-1	1	26016-080202	BOLT, M8X 20	4							N
(A=FROM 1ST)											

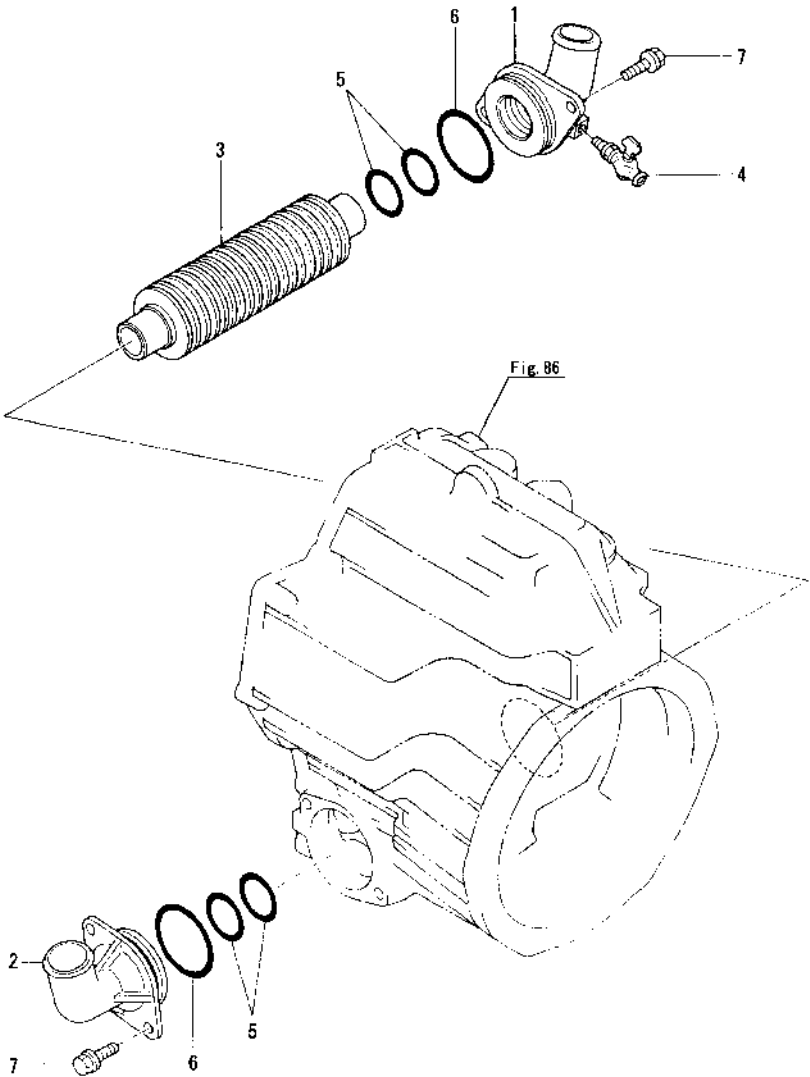
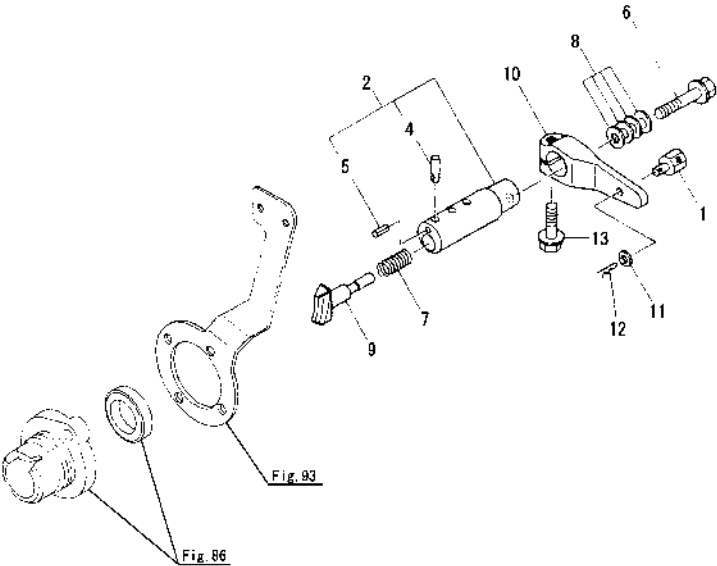


Fig.92. REMOTE CONTROL DEVICE

(A)=KM5A
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177073-06200	PIVOT	1							
1-1	1	177073-06200	PIVOT	1						F	1
(A=*1987.11)											
1-2	1	177073-06210	PIVOT	1						N	
(A=*2000.11)											
2	1	177088-06340	SHAFT ASSY	1							
4	2	196322-06610	PIN, PARALLEL 5X18	1							
5	2	22351-020012	PIN, SPRING 2.0X12	1							
6	1	177088-06360	BOLT	1							
7	1	177088-06370	SPRING	1							
8	1	177088-06380	SHIM SET	1							
9	1	177088-06390	SHIFTER	1							
10	1	177088-06400	LEVER	1							
10-1	1	177088-06401	LEVER	1							R
(A=EXXXXX)											
11	1	22137-060000	WASHER, 6	1							
12	1	22417-160120	PIN, COTTER 1.6X12	1							
12-1	1	22417-200120	COTTER PIN 2.0X12	1						S	1
(A=*1987.11)											
12-2	1	22417-250200	PIN, COTTER 2.5X20	1							R
(A=*1994.11)											
13	1	26106-080252	BOLT, M8X 25 PLATED	1							

Remarks
(1)Interchangeable by simultaneous replacement with Ref.No.1-1,12-1.
Ref.No.1-1 Rev.1.

Fig.93. REMOTE CONTROL PASSIVE UNIT

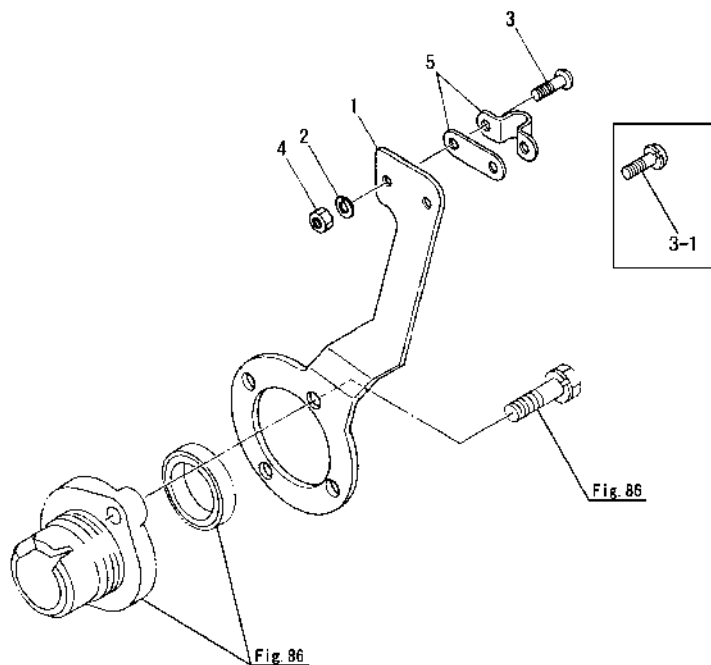
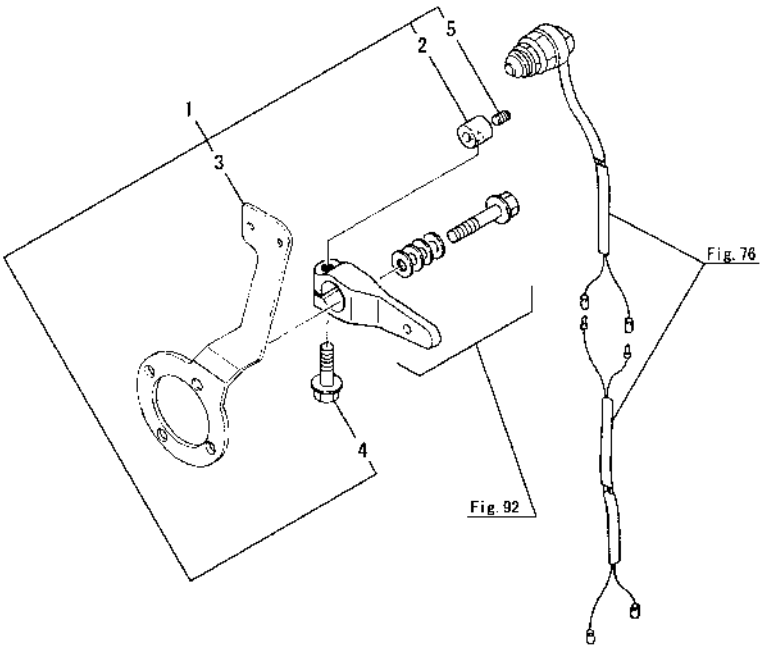
[illegible]

Fig.94. SAFETY SWITCH STAY(OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177074-06580	STAY ASSY, SWITCH	1							W
		(A=*1994.08)									
2	2	177074-06300	CONTACT	1							
3	2	177074-06600	STAY	1							
4	2	26116-080302	BOLT, M8X 30 PLATED	1							
5	2	26979-040082	SCREW, M4X 8	1							

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	58	2 -1
	60	7
103854-39140	26	16
104200-92350	84	3
104200-92600	84	4
104264-59020	26	18
	58	2
104271-91351	77	2
104271-91352	81	12
	82	15
	83	18
104407-44480	46	4 -1
105311-67200	64	2
106100-55800	1	45
	49	10
	55	12
	68	28
114250-53080	56	9
114250-53120	56	13
114250-53130	56	14
114250-53140	56	15
114250-53210	56	16
114250-53400	56	17
114780-61090	52	69 -1
	53	89 -1
119000-01200	1	29
119000-01500	2	1
119000-01520	2	2
119000-01650	5	2
119000-01740	2	4
119000-01760	2	29
119000-01770	2	5
	85	3
119000-01771	2	5 -1
	85	3 -1
119000-01840	1	12
119000-01880	1	11 A
119000-01930	2	10
119000-01931	2	10 -1
119000-02020	1	19
119000-02410	1	5
119000-02450	12	2
119000-07200	8	44
119000-11170	8	8
119000-11230	8	31 -1
119000-11260	8	39
119000-11270	8	35
119000-11280	8	36
119000-11290	8	37
119000-11990	8	11 -1

Parts No.	Fig. No.	Ref. No.
119000-14100	12	4
119000-14200	12	6
119000-21650	27	9
119000-22300	28	9
119000-25050	12	9
119000-25060	12	12
119000-25100	12	10
119000-25910	55	2 A
119000-25920	55	3
119000-32000	29	1
119000-32001	29	1 -1
119000-32020	29	2
	85	9
119000-33020	31	10
	85	10
119000-33021	31	10 -1
	85	10 -1
119000-33022	31	10 -2
	85	10 -2
119000-33030	31	11
119000-33040	31	12
119000-33041	31	12 -1
119000-34030	31	3
119000-35140	32	2
119000-39650	1	46
119000-42020	39	7
	85	11
119000-42021	39	7 -1
	85	11 -1
119000-42051	39	3
119000-42141	39	5
119000-42150	39	4
119000-42151	39	4 -1
119000-51050	50	4
119000-51060	50	6
119000-51150	50	12
119000-51151	50	12 -1
119000-51161	50	15
119000-51170	50	52
119000-51181	50	61
119000-51201	50	16
119000-51250	50	18
119000-51330	50	23
119000-51410	50	27
119000-51411	50	27 -1
119000-51430	50	13
119000-51450	50	29
119000-51510	50	32
119000-51511	50	32 -1
119000-51530	50	33

Parts No.	Fig. No.	Ref. No.
119000-51550	50	34
119000-51570	50	35
119000-51580	50	36
119000-51590	50	37
119000-51650	50	38
119000-51800	50	40
119000-51900	50	42
119000-51911	50	44
119000-52000	50	64
	54	1
119000-59550	59	2
	60	2
119000-61011	51	3
119000-61050	51	4
119000-61051	51	4 -1
119000-61052	52	65
	53	86 -1
119000-61090	51	9
	52	68
119000-61100	51	9 A
	52	70
119000-61110	51	9 B
	52	71
119000-61120	51	8
	52	6
	53	13
119000-61140	51	9 C
	52	72
119000-61150	51	9 D
	52	73
119000-61160	51	9 E
	52	74
119000-61170	51	10
	52	7
119000-61180	51	11
	52	75
	53	91
119000-61310	51	15
	52	84
119000-61320	51	16
119000-61400	51	19
119000-61430	51	22
119000-61470	51	25
	52	89
	53	114
119000-61490	51	27
	52	17
	53	17
119000-61630	51	51
	52	34

Parts No.	Fig. No.	Ref. No.
119000-61630	53	38
119000-61841	51	58
119000-77250	68	21
119005-35100	32	1 -1
119005-35160	32	1 -2
119005-77350	68	25 -1
	70	24
		24 -1
119100-01640	5	1
119100-01730	4	7
119100-01770	4	1
119100-01980	1	35
119100-03200	9	4
119100-11080	8	5
119100-11090	8	6
119100-11230	8	28 -1
119100-11240	8	28
119100-11310	9	3
119100-11311	9	3 -1
119100-11320	9	7 A
		14
119100-11330	9	5
119100-11360	9	9
119100-11990	8	12 -1
119100-12100	10	1
119100-12110	10	2
	85	5
119100-12112	10	2 -1
	85	5 -1
119100-12113	10	2 -2
	85	5 -2
119100-12120	25	1
119100-26200	40	18
119100-35090	32	3
	33	10
119100-35100	32	1
119100-51080	50	7
119100-51081	50	7 -1
119100-51090	50	8
119100-51091	50	8 -1
119100-51101	50	10
119100-51500	50	31
119100-59810	57	10 A
119100-59820	57	11 A
119100-59830	57	12 A
119100-59840	57	13 A
119100-61771	51	54
	52	42
119100-61860	51	59
	52	47

Parts No. Index

Parts No.	Fig. No.	Ref. No.
119101-11110	8	15
119101-13200	41	33
	85	12
119129-77210	67	16
119129-77250	70	14
119129-77260	70	15
119129-77320	70	3
119129-77890	70	21
119129-77900	70	22
119129-77930	70	19
119171-01100	1	11
119171-01101	1	11 -1
119171-01300	1	31 -1
119171-01310	1	30 -1
	85	2 -1
119171-01320	1	32 -1
119171-01330	1	31
119171-01340	1	30
	85	2
119171-01350	1	32
119171-01600	3	1
119171-01601	3	1 -1
119171-01980	49	1
119171-03091	9	10
119171-03100	9	10 -1
119171-07500	6	19
119171-07501	6	19 -1
119171-08100	7	1
119171-08110	7	2
119171-08111	7	2 -1
119171-08130	7	3
119171-08131	7	3 -1
119171-08440	7	7
119171-11110	8	15 -1
119171-11150	8	18 A
119171-11370	8	21
119171-12300	13	2
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