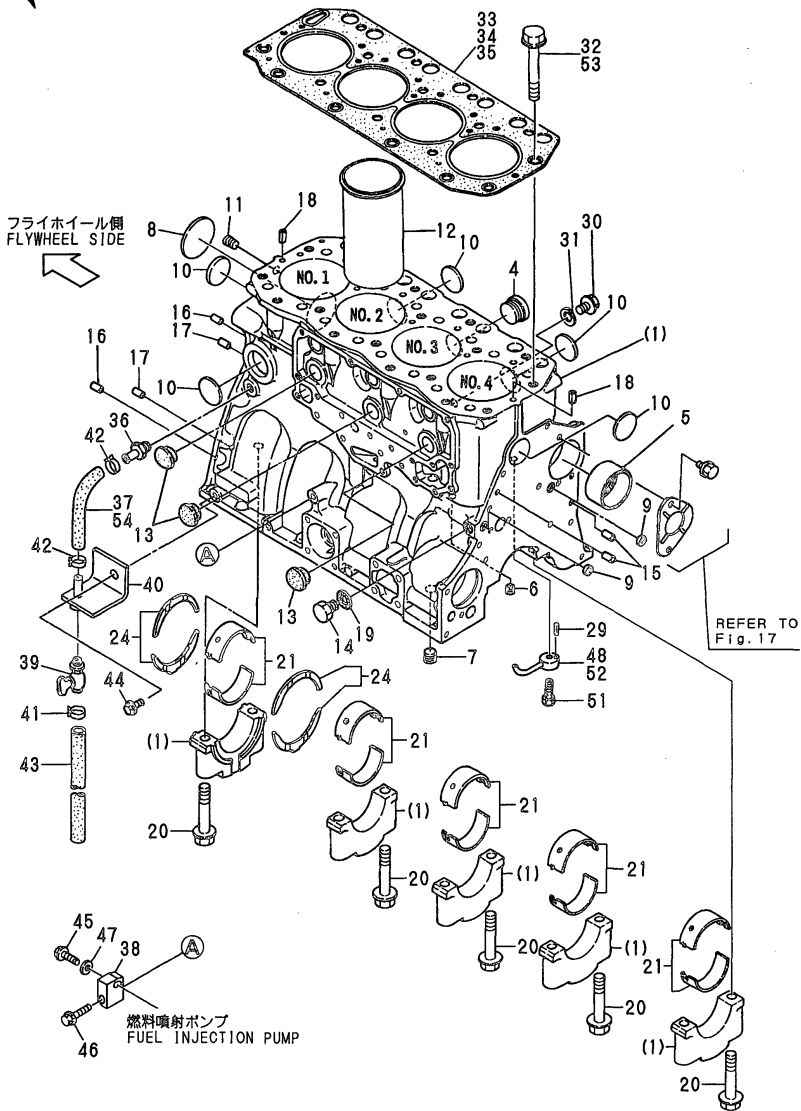


Fig.1.CYLINDER BLOCK

Fig.1 シリンダブロック
CYLINDER BLOCK

見出しNo. 1は、見出しNo. (1) から31を含みます。
1 inc. (1) ~ 31



Remarks
(1)FOR ADJUSTMENT

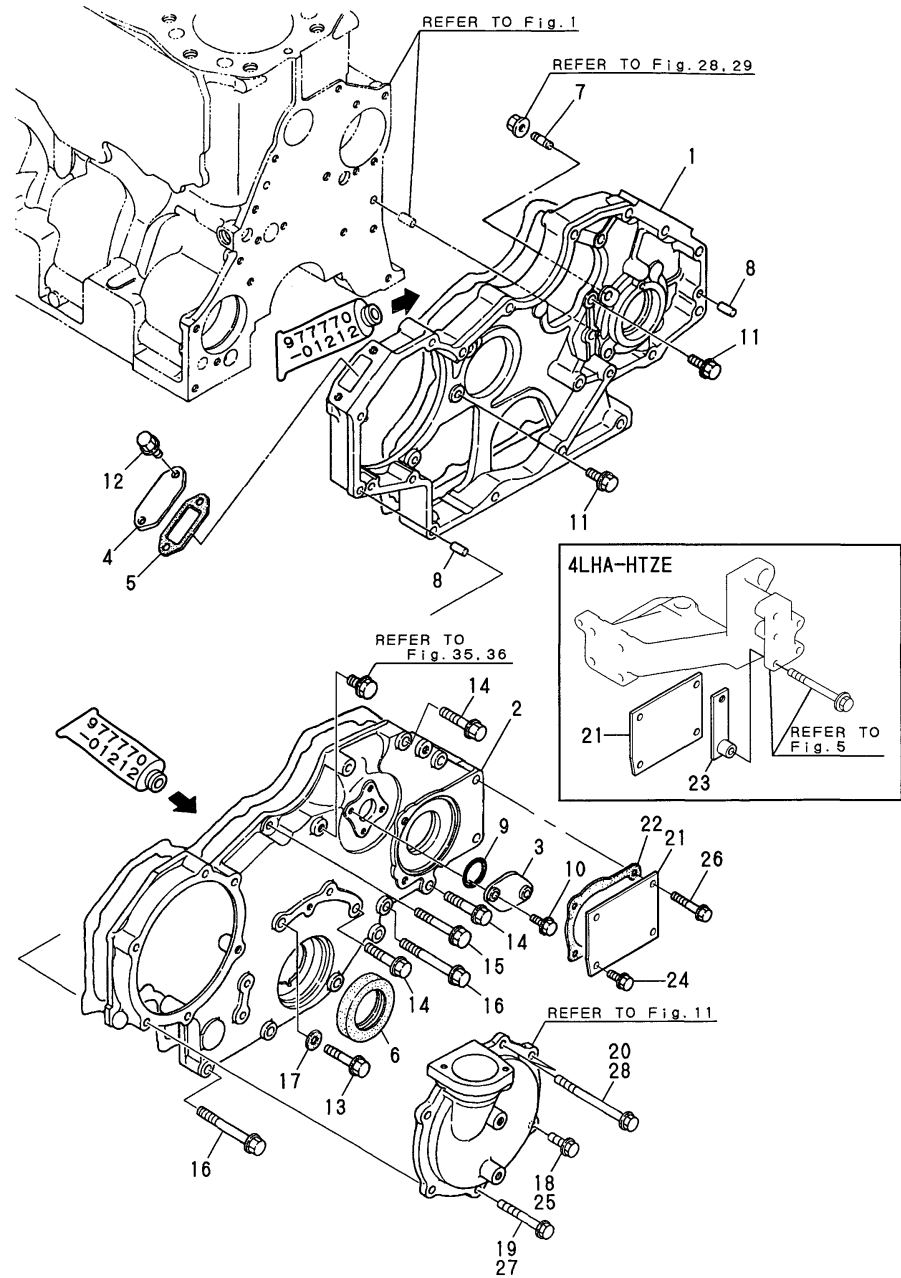
1.CYLINDER BLOCK

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	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				
4	3	171051-01921	PLUG	1	1	1	1				
5	3	119000-02410	BUSH, CAMSHAFT	1	1	1	1				
6	3	23871-010000	PLUG PT1/8, SCREW	1	1						
6-1	3	23876-010000	PLUG PT1/8, SCREW	1	1	1	1			N	
(A=E/#30101) (B=E/#30102)											
7	3	23871-030000	PLUG PT3/8, SCREW	1	1						
7-1	3	23876-030000	PLUG PT3/8, SCREW	1	1	1	1			N	
(A=E/#30101) (B=E/#30102)											
8	3	27231-600000	PLUG 60	1	1	1	1				
9	3	27241-140000	PLUG 14	3	3	3	3				
10	3	119593-01870	PLUG, CUP	5	5	5	5				
11	3	119000-01880	SET SCREW, OIL GALLERY	1	1	1	1				
12	2	119171-01101	LINER, CYLINDER	4	4	4	4				
13	2	119000-01840	PLUG 25, RUBBER	3	3	3	3				
14	2	135602-34390	RETAINER	1	1	1	1				
15	2	129100-01580	PARALLEL PIN 8X16	2	2	2	2				
16	2	129100-01580	PARALLEL PIN 8X16	2	2	2	2				
17	2	129100-01580	PARALLEL PIN 8X16	2	2	2	2				
18	2	22351-080016	SPRING PIN 8X16	2	2	2	2				
19	2	23414-140000	GASKET 14, ROUND	1	1	1	1				
20	2	119000-02020	BOLT, METAL CAP	10	10	10	10				
21	2	719000-02800	METAL, MAIN	5	5	5	5				
24	2	119000-02930	WASHER, THRUST	2	2	2	2				
29	2	22351-040008	SPRING PIN 4X8	4	4						
29A	2	22351-030010	SPRING PIN 3X10			4	4				
30	2	135400-01790	PLUG	1	1	1	1				
31	2	23414-100000	GASKET 10, ROUND	1	1	1	1				
32	1	119174-01200	BOLT, CYLINDER HEAD	18	18						
33	1	119174-01340	GASKET, CYL. HEAD T1.30	1	1	1	1				
34	1	119174-01330	GASKET, CYL. HEAD T1.2	1	1	1	1				1
35	1	119174-01350	GASKET, CYL. HEAD T1.4	1	1	1	1				1
36	1	121550-49111	JOINT PT1/4	1	1	1	1				
37	1	119173-49160	PIPE	1	1						
38	1	119181-01990	RETAINER	1	1						
39	1	128695-44090	PEACOCK	1	1						
39-1	1	129670-49290	COCK R1/8 ASSY	1	1					N	
(A=E/#30131) (B=*1999.07)											
40	1	119173-49170	BRACKET	1	1						
41	1	124460-77680	RETAINER	1	1						
42	1	23000-016000	CLAMP 16	2	2						
43	1	23061-070300	PIPE 7X300	1	1						
44	1	26106-080122	BOLT M8X12 PLATED	1	1						
45	1	26106-080352	BOLT M8X35 PLATED	1	1						
46	1	26106-080402	BOLT M8X40 PLATED	1	1						
47	1	106100-55800	WASHER	1	1						
48	1	119174-39560	NOZZLE CMP, PSTN, COOL	4	4						
51	1	23857-030000	JOINT BOLT 3	4	4	4	4				
52	1	119187-39650	NOZZLE, PISTON JET			4	4				
53	1	119000-01200	BOLT, CYLINDER HEAD			18	18				
54	1	119171-49160	PIPE			1	1				

Fig.2.GEAR HOUSING

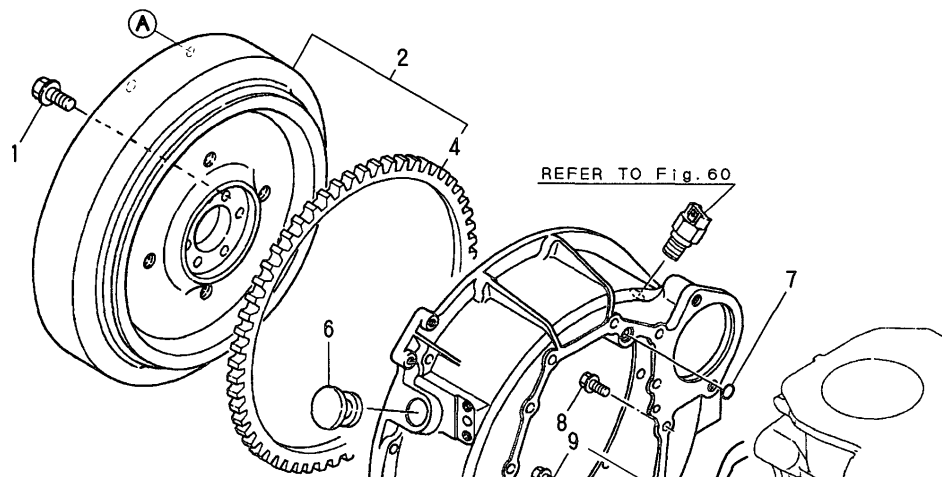
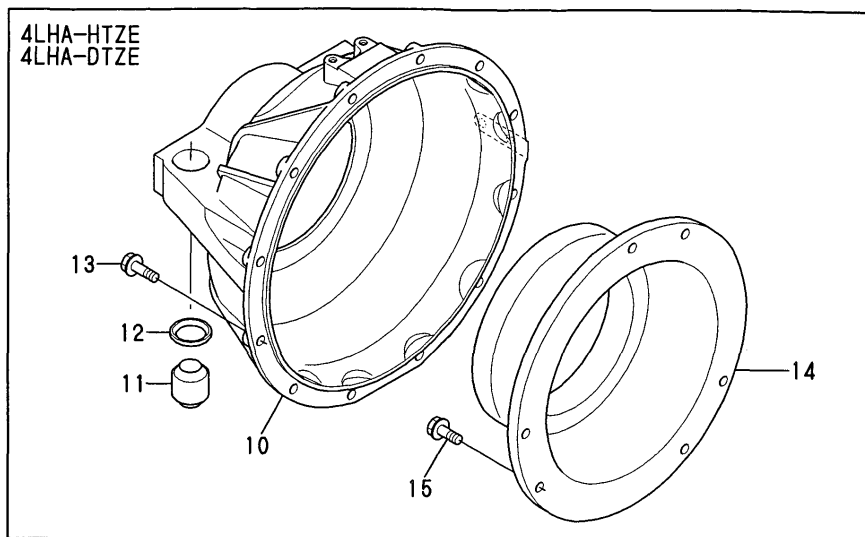
Fig.2 ギヤケース
GEAR HOUSING



OCR10-G49301 2.GEAR HOUSING

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119000-01500	HOUSING, GEAR	1	1	1	1				
2	1	119000-01520	COVER, GEAR HOUSING	1	1	1	1				
3	1	121023-01550	COVER, BLIND	1	1	1	1				
4	1	119000-01740	COVER	1	1	1	1				
5	1	119000-01771	GASKET, FLANGE	1	1	1	1				
6	1	121850-01800	SEAL, OIL	1	1	1	1				
7	1	121850-01920	STUD M8X22	2	2	2	2				
8	1	129100-01580	PARALLEL PIN 8X16	2	2	2	2				
9	1	24341-000240	O-RING 1A S-24.0	1	1	1	1				
10	1	26106-060182	BOLT M6X18 PLATED	2	2	2	2				
11	1	26106-080202	BOLT M8X20 PLATED	5	5	5	5				
12	1	26106-080202	BOLT M8X20 PLATED	2	2	2	2				
13	1	26106-080402	BOLT M8X40 PLATED	1	1	1	1				
14	1	26106-080452	BOLT M8X45 PLATED	5	5	5	5				
15	1	26106-080552	BOLT M8X55 PLATED	1	1	1	1				
16	1	26106-080752	BOLT M8X75 PLATED	4	4	4	4				
17	1	22190-080003	SEAL WASER 8	1	1						
18	1	26106-080352	BOLT M8X35 PLATED	1	1						
19	1	26106-080652	BOLT M8X65 PLATED	3	3						
20	1	26106-081052	BOLT M8X105 PLATED	2	2						
21	1	124610-01851	COVER, BLIND			1	1				
22	1	124610-01862	PACKING, COVER			1	1				
23	1	119172-26800	SPACER,PS,PUMP				1				
24	1	26106-080202	BOLT M8X20 PLATED			2	2				
25	1	26106-080252	BOLT M8X25 PLATED			1	1				
26	1	26106-080502	BOLT M8X50 PLATED			2					
27	1	26106-080552	BOLT M8X55 PLATED			3	3				
28	1	26106-080952	BOLT M8X95 PLATED			2	2				

Fig. 3 フライホイールハウジング
FLYWHEEL HOUSING



(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.5-1 & 7-1.

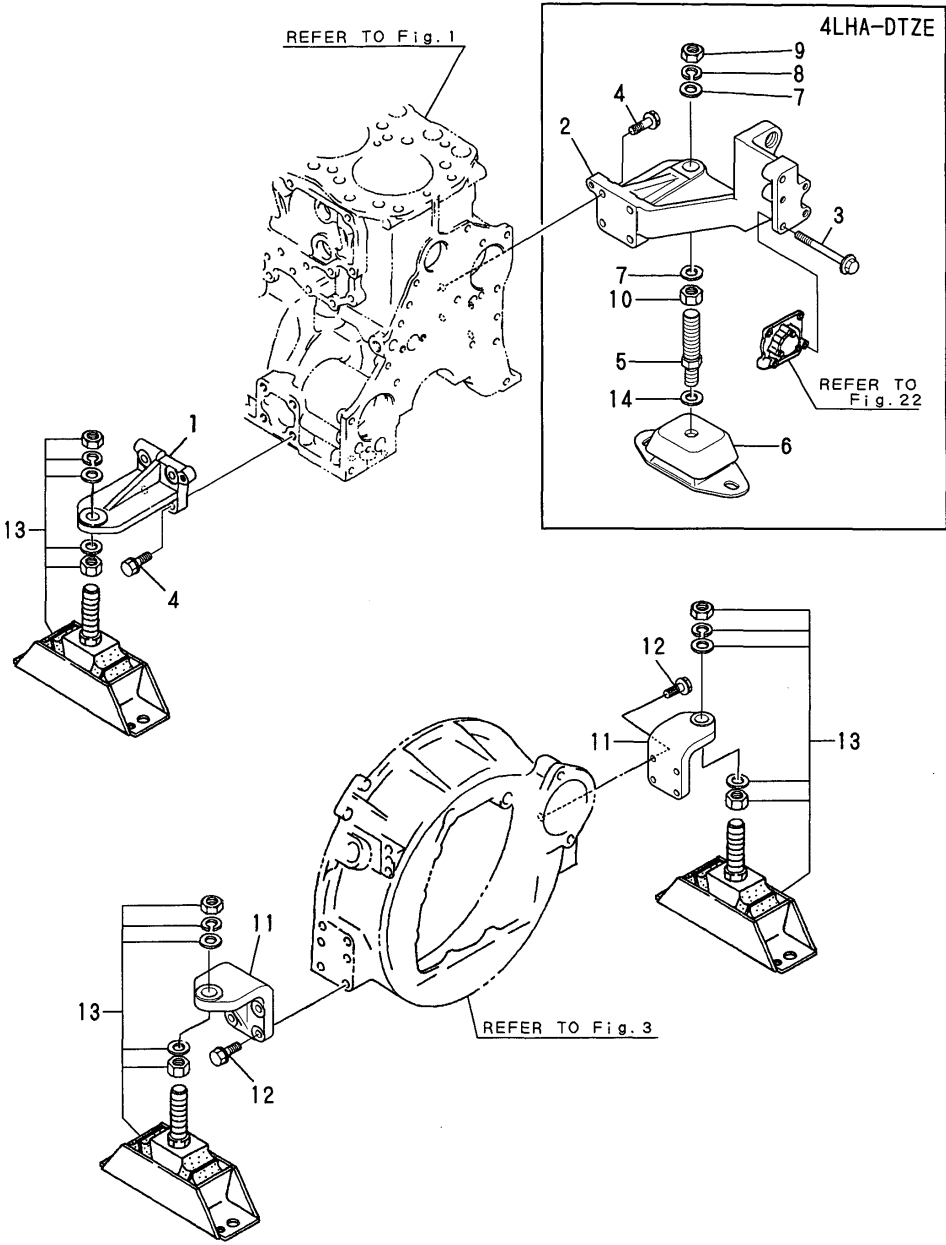
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
	1	121850-21130	BOLT, FLYWHEEL	6	6	6	6				
	2	119171-21590	FLYWHEEL WGEAR	1	1	1	1				
I	2-1	119171-21591	FLYWHEEL ASSY	1	1	1	1				R
	4	124550-21600	RING GEAR	1	1	1	1				
	5	119171-01600	HOUSING, FLYWHEEL	1	1	1	1				
I	5-1	119175-01500	HOUSING, FLYWHEEL	1	1	1	1				N
	(A=*2001.02)	(B=*2001.02)	(C=*2001.02)	(D=*2001.02)							
I	5-2	119175-01501	HOUSING, FLYWHEEL	1	1	1	1				S 1
	(A=*2008.05)	(B=*2008.05)	(C=*2008.05)	(D=*2008.05)							
	6	119620-01750	CAP, FLYWHEEL COVER	1	1	1	1				
	7	119620-01750	O-RING 1A P-140	1	1	1	1				
I	7-1	24311-000160	O-RING 1A P-160	1	1	1	1				S 1
	(A=*2008.05)	(B=*2008.05)	(C=*2008.05)	(D=*2008.05)							
	8	26106-100252	BOLT M10X 25 PLATED	8	8	8	8				
	9	26106-100302	BOLT M10X 30 PLATED	4	4	4	4				
	10	119175-01650	MOUNTING FLANGE		1		1				
	11	119778-08300	MOUNTING, FLEXIBLE		2		2				
	12	119778-08350	SPACER		2		2				
	13	26106-100302	BOLT M10X 30 PLATED		12		12				
	14	119175-21500	SPACER, FLYWHEEL		1		1				
	15	26106-100252	BOLT M10X 25 PLATED		6		6				
	16	177074-03951	DISC, DAMPER			1					
	17	26106-100202	BOLT M10X 20 PLATED			6					

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.4.ENGINE BRACKET(4LHA-DTE,DTZE)

Fig.4 マウンティングフート (4LHA-DTE, DTZE)
ENGINE BRACKET (4LHA-DTE, DTZE)



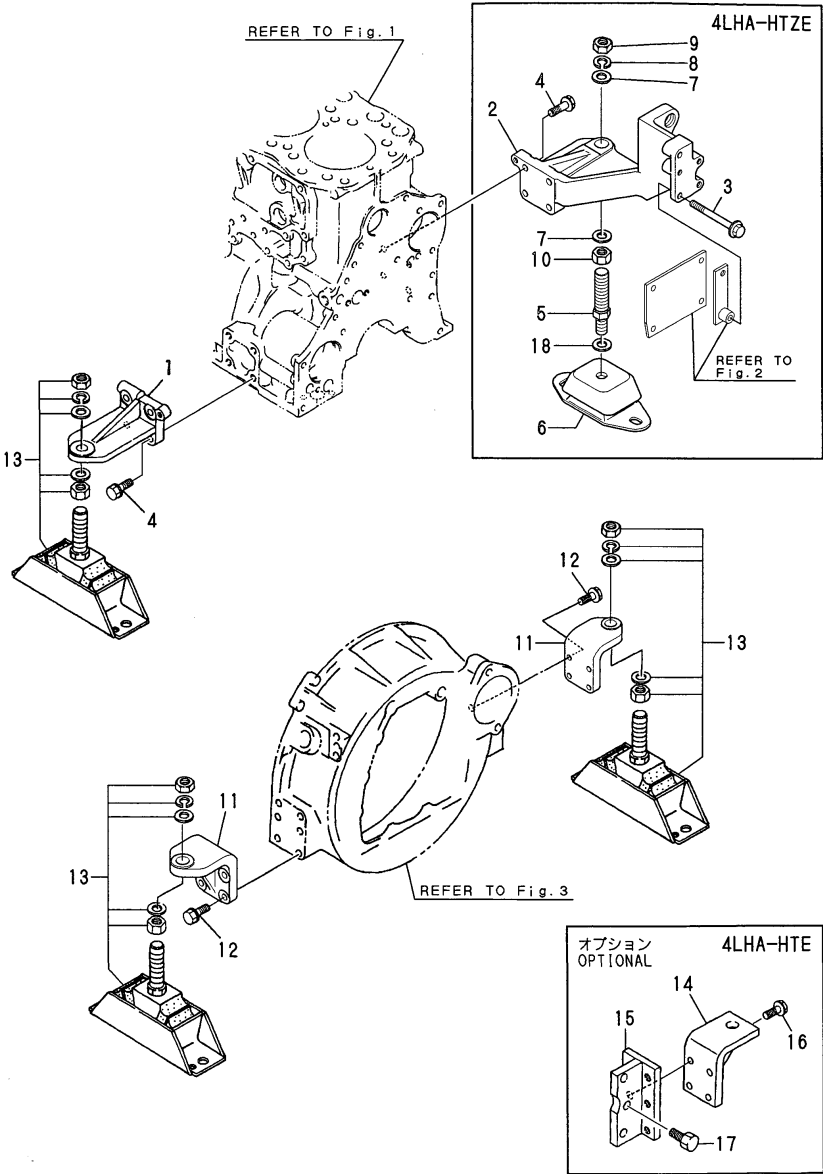
4.ENGINE BRACKET(4LHA-DTE,DTZE)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119173-08100	BRACKET,ENGINE	2	1						
2	1	119175-08160	BRACKET,ENGINE		1						
3	1	26106-080802	BOLT M8X80 PLATED		2						
4	1	26106-100302	BOLT M10X30 PLATED	8	8						
5	1	119175-08300	BOLT,FLEXIBLE MOUNT		2						
I	5-1	1	119175-08301	BOLT,FLEXIBLE MOUNT	2						N
(B=*1999.07)											
6	1	119175-08320	MOUNT,RUBBER		2						
7	1	22117-200000	WASHER 20		4						
8	1	22217-200000	SPRING WASHER 20		2						
9	1	26736-200002	NUT M20		2						
10	1	26776-200002	LOCK NUT 20		2						
11	1	119175-08120	BRACKET,ENGINE		2						
12	1	26106-100302	BOLT M10X30 PLATED		8						
13	1	119173-08440	ABSORBER		4						
I	14	1	119175-08330	WASHER		2					W
(B=*1999.07)											

Fig.5.ENGINE BRACKET(4LHA-HTE,HTZE)

Fig.5 マウンティングフート (4LHA-HTE, HTZE)
ENGINE BRACKET (4LHA-HTE, HTZE)



Remarks
(1)OPTIONAL

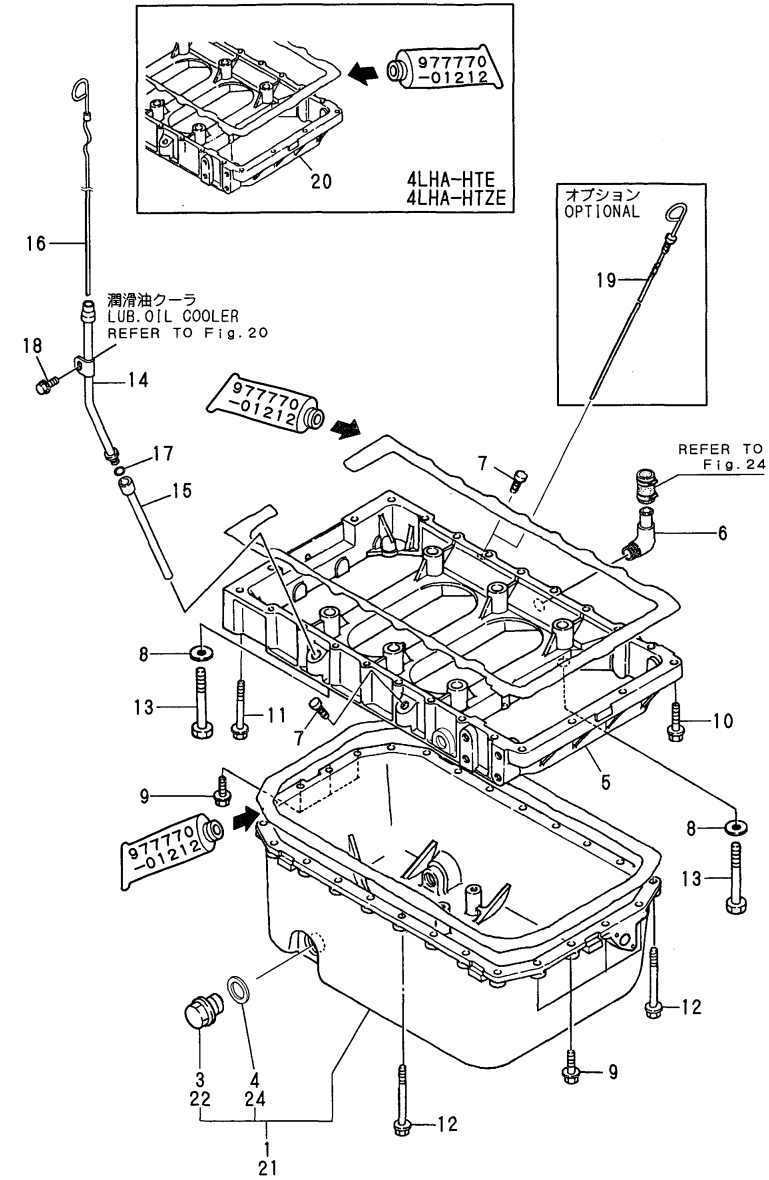
5.ENGINE BRACKET(4LHA-HTE,HTZE)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119173-08100	BRACKET,ENGINE			2	1				
2	1	119175-08160	BRACKET,ENGINE				1				
3	1	26106-080802	BOLT M8X80 PLATED				2				
4	1	26106-100302	BOLT M10X30 PLATED			8	8				
5	1	119175-08301	BOLT,FLEXIBLE MOUNT				2				
6	1	119175-08320	MOUNT,RUBBER				2				
7	1	22117-200000	WASHER 20				4				
8	1	22217-200000	SPRING WASHER 20				2				
9	1	26736-200002	NUT M20				2				
10	1	26776-200002	LOCK NUT 20				2				
11	1	119175-08120	BRACKET,ENGINE			2	2				
12	1	26106-100302	BOLT M10X30 PLATED			8	8				
13	1	119173-08440	ABSORBER				4				
14	1	119171-08111	BRACKET,ENGINE				2				1
15	1	119171-08131	BRACKET,ENGINE				2				1
16	1	26106-100252	BOLT M10X25 PLATED				8				1
17	1	26116-120302	BOLT M12X30 PLATED				6				1
18	1	119175-08330	WASHER				2				

Fig.6.LUB.OIL SUMP

Fig.6 オイルパン
LUB.OIL SUMP



Remarks
(1)OPTIONAL

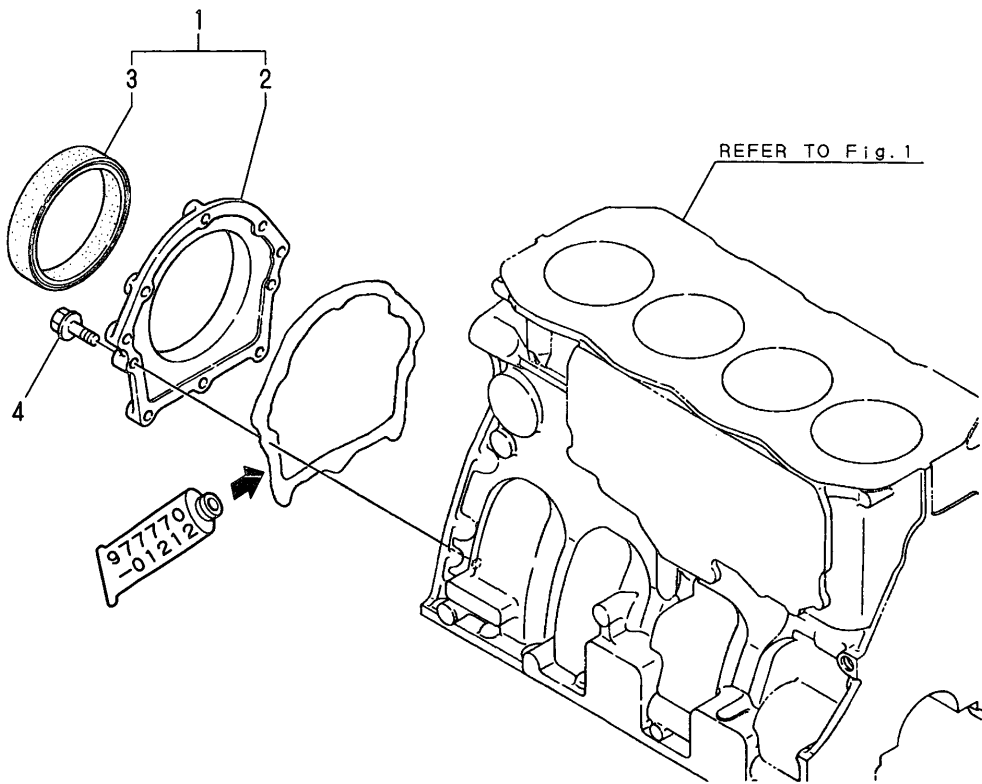
6.LUB.OIL SUMP

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719187-01540	SUMP ASSY, LUB OIL	1	1						
3	2	119640-01640	DRAIN PLUG M22	1	1						
4	2	22190-220002	SEAL WASHER 22S	1	1						
5	1	119184-01730	INTERMEDIATE, OILPAN	1	1	1	1				
6	1	124070-13300	ELBOW (PT3/8)	1	1	1	1				
7	1	124976-34850	CAP	2	2	2	2				
8	1	22117-120000	WASHER 12	6	6	6	6				
9	1	26106-080252	BOLT M 8X 25 PLATED	8	8	8	8				
10	1	26106-080352	BOLT M 8X 35 PLATED	4	4	4	4				
11	1	26106-080702	BOLT M 8X 70 PLATED	2	2	2	2				
12	1	26106-080802	BOLT M 8X 80 PLATED	18	18	18	18				
13	1	26116-120852	BOLT M12X 85 PLATED	6	6	6	6				
14	1	119175-34811	SUPPORT, DIPSTICK	1	1	1	1				
15	1	119171-34820	PIPE, DIPSTICK	1	1	1	1				
16	1	119175-34850	DIPSTICK	1	1	1	1				
17	1	24341-000100	O-RING 1A S-10.0	1	1	1	1				
18	1	26106-080162	BOLT M 8X 16 PLATED	1	1	1	1				
19	1	119171-34850	DIPSTICK, LUB. OIL	1	1	1	1				1
20	1	119100-01730	INTERMEDIATE, SUMP				1	1			
21	1	119100-01770	SUMP ASSY, LUB.OIL				1	1			
22	2	119640-01640	DRAIN PLUG M22				1	1			
24	2	22190-220002	SEAL WASHER 22S				1	1			

Fig.7.OIL SEAL HOUSING

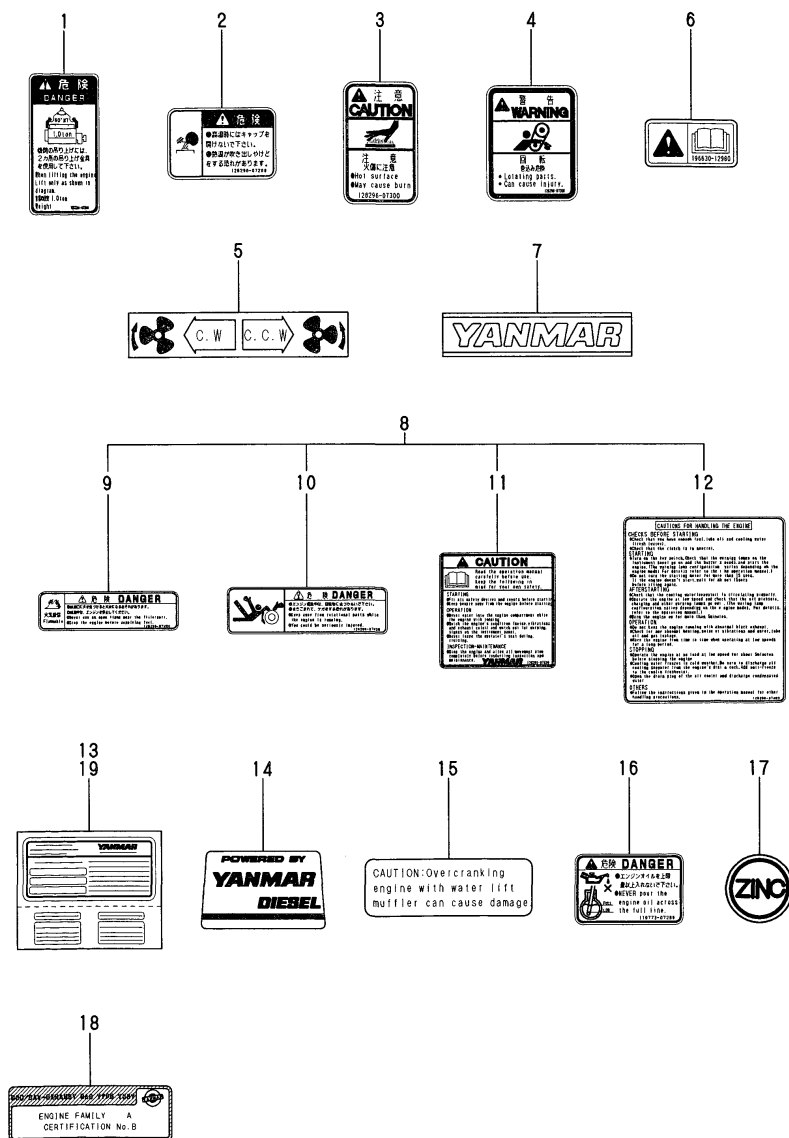
Fig.7 オイルシールケース
OIL SEAL HOUSING



OCR10-G49301 7.OIL SEAL HOUSING

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						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 HTC95,115,12	1	1	1	1				
4	1	26106-080252	BOLT M8X25 PLATED	8	8	8	8				

Fig. 8 銘板
LABEL



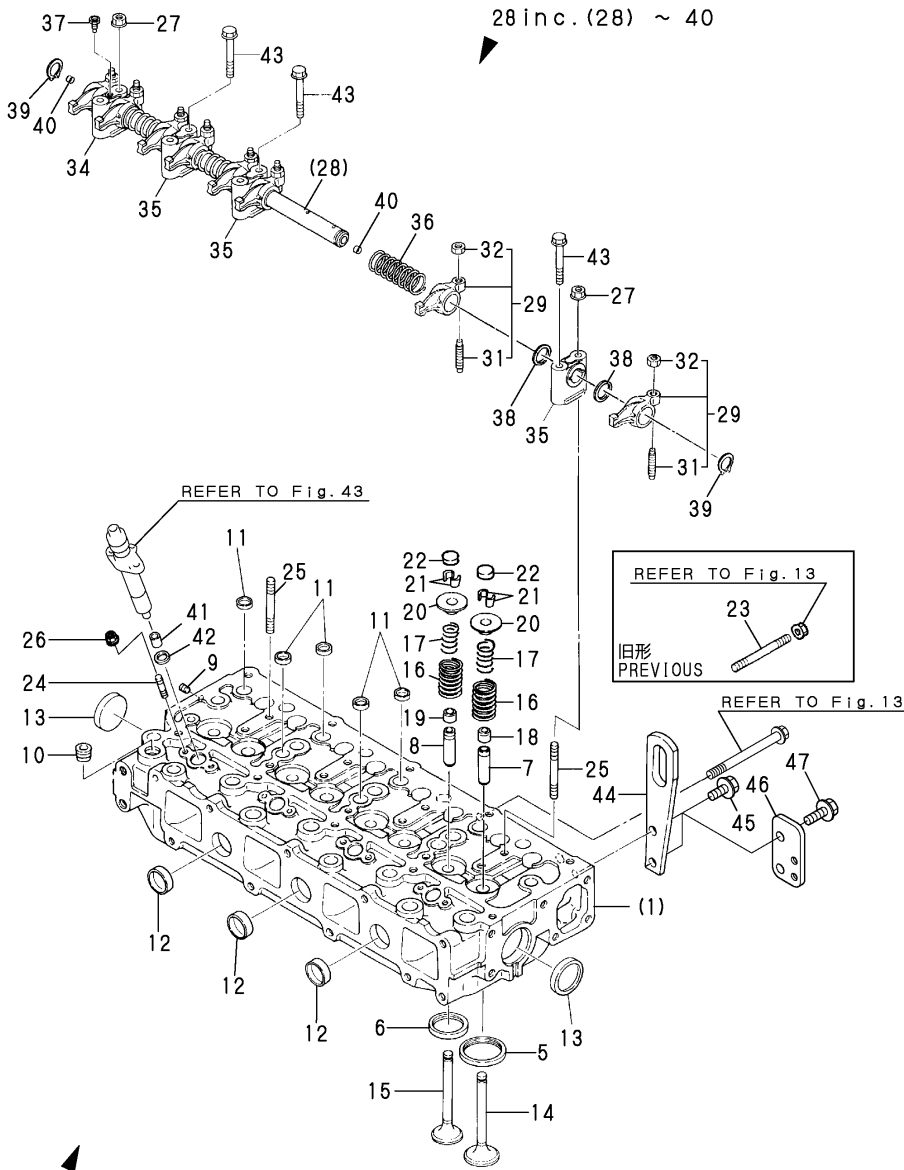
Remarks
(1)OPTIONAL

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	120324-07240	LABEL, LIFTER	1	1	1	1				
2	1	128296-07260	LABEL, DANGER	1	1	1	1				
3	1	128296-07300	LABEL, DANGER	1	1	1	1				
4	1	128296-07350	LABEL	1	1	1	1				
5	1	177073-02431	LABEL			1					1
6	1	196630-12980	LABEL	1	1	1	1				
7	1	194170-65891	LABEL, SEAT	1	1	1	1				
8	1	128296-07190	LABEL, LOOSE PARTS	1	1	1	1				
9	2	128296-07400	LABEL, DANGER	2	2	2	2				
10	2	128296-07420	LABEL, DANGER	1	1	1	1				
11	2	128296-07450	LABEL, DANGER	1	1	1	1				
12	2	128296-07460	LABEL, DANGER	1	1	1	1				
13	1	119173-07450	LABEL, REGISTRATION		1						
14	1	119778-07500	LABEL, YANMER		1						
15	1	128171-07150	LABEL	1	1						
16	1	119773-07280	LABEL, DANGER	1	1						
17	1	119574-07400	LABEL	5	5						
18	1	119173-07520	LABEL, BSO	1	1						W
(A=*1999.10) (B=*1999.10)											
19	1	119172-07450	LABEL, REGISTRATION				1				

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.9.CYLINDER HEAD(4LHA-DTE,DTZE)

P/C NEWS No. :Y00R4931-4
PUBLISHED : 2003/9



9.CYLINDER HEAD(4LHA-DTE,DTZE)

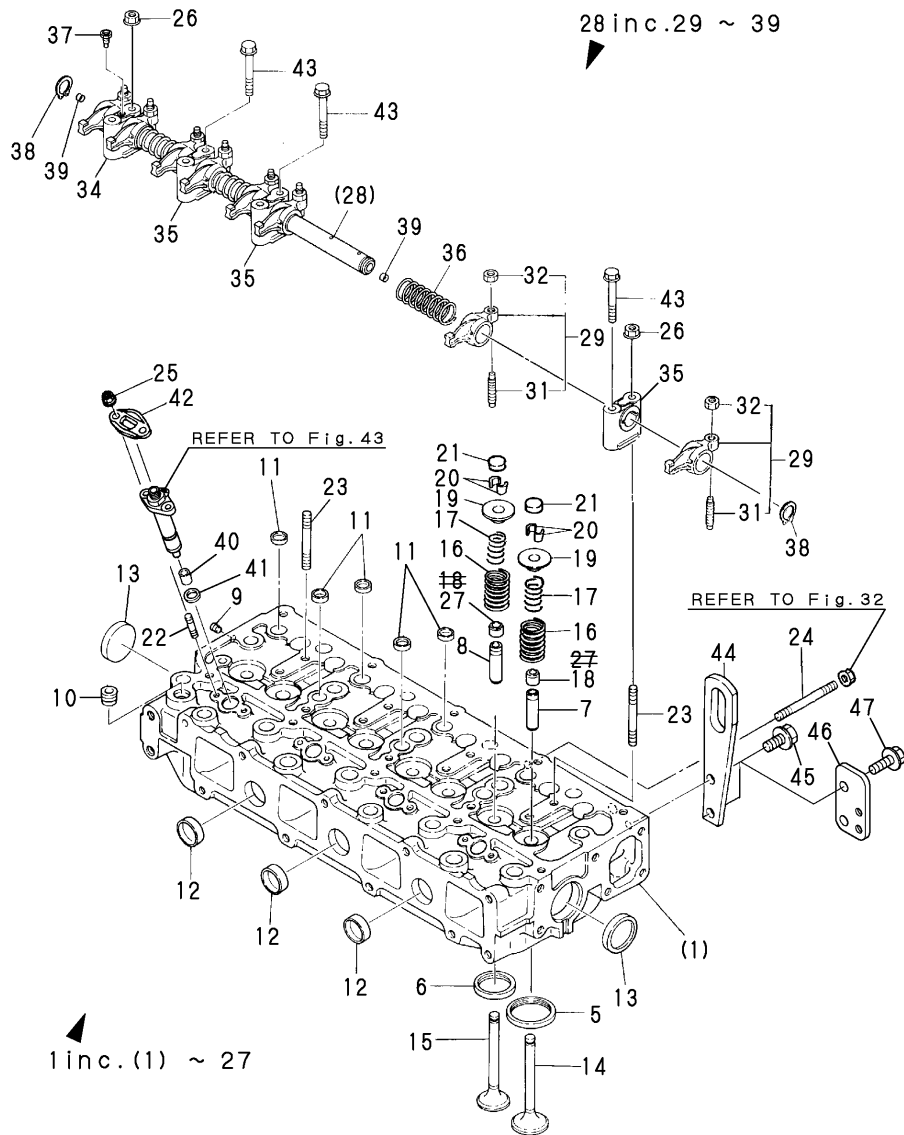
(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719173-11710	HEAD ASSY, CYL	1	1						
5	3	119173-11080	INSERT, INTAKE	4	4						
6	3	119173-11090	SEAT, VALVE	4	4						
7	3	121850-11160	GUIDE, VALVE	4	4						
8	3	119000-11170	GUIDE, VALVE (EXH.)	4	4						
9	3	23871-005000	PLUG PT 1/16	1	1						
9-1	3	23876-005000	PLUG PT 1/16,SCREW	1	1						N
(A=E/#30101) (B=E/#30102)											
10	3	23871-030000	PLUG PT3/8,SCREW	1	1						
10-1	3	23876-030000	PLUG PT3/8,SCREW	1	1						N
(A=E/#30101) (B=E/#30102)											
11	3	27241-160000	PLUG 16	4	4						
12	3	27241-280000	PLUG 28	3	3						
13	3	27241-400000	PLUG 40	2	2						
14	2	119173-11101	VALVE, SUCTION	4	4						
15	2	119173-11110	VALVE, EXHAUST	4	4						
16	2	124617-11120	SPRING (A), VALVE	8	8						
17	2	124617-11130	SPRING (B), VALVE	8	8						
18	2	121850-11150	SEAL, VALVE STEM	4	4						
19	2	119171-11150	SEAL, VALVE STEM	4	4						
20	2	124411-11180	RETAINER, SPRING	8	8						
21	2	27310-090001	COTTER 9	8	8						
22	2	119171-11370	CAP, VALVE	8	8						
23	2	119175-13150	STUD BOLT	2	2						Z
(A=*2003.09)											
24	2	119175-11910	BOLT	8	8						
25	2	26216-080652	STUD M8X65 PLATED	2	2						
26	2	26366-060002	NUT M6	8	8						
27	2	26366-080002	NUT M8	2	2						
28	1	119173-11240	SHAFT ASSY, ARM	1	1						
29	2	719000-11651	ARM ASSY, ROCKER	8	8						
31	3	119000-11230	SCREW, VALVE	8	8						
32	3	129150-11750	NUT M8X10	8	8						
34	2	119000-11260	BRACKET (A)	1	1						
35	2	119000-11270	BRACKET (B)	3	3						
36	2	119000-11280	SPRING	3	3						
37	2	119000-11290	BOLT, SET	1	1						
38	2	119173-11350	SPACER	8	8						
39	2	22242-000180	CIRCLIP 18	2	2						
40	2	27241-100000	PLUG 10	2	2						
41	1	119625-11870	PROTECTOR, NOZZLE	4	4						
42	1	119625-11880	SEAT, NOZZLE	4	4						
43	1	26106-080652	BOLT M8X65 PLATED	6	6						
44	1	119000-07200	LIFTER	2	2						
45	1	26106-100202	BOLT M10X20 PLATED	4	4						
46	1	119172-77160	SUPPORT B	1	1						W
(A=*2000.03) (B=*2000.03)											
47	1	26106-100252	BOLT M10X25 PLATED	2	2						W
(A=*2000.03) (B=*2000.03)											

Fig.10.CYLINDER HEAD(4LHA-HTE,HTZE)

P/C NEWS No:Y00R4931-3
PUBLISHED:2003/7

Fig. 10 シリンダヘッド (4LHA-HTE, HTZE)
CYLINDER HEAD (4LHA-HTE, HTZE)



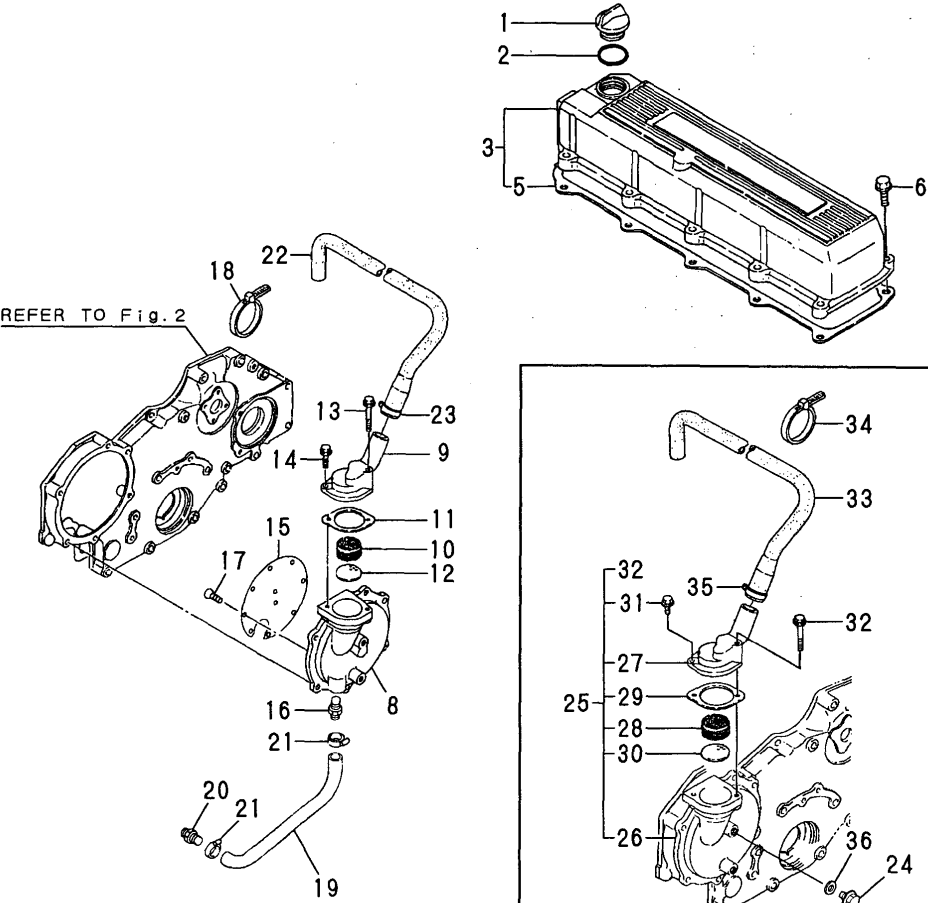
10.CYLINDER HEAD(4LHA-HTE,HTZE)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719172-11700	HEAD ASSY, CYLINDER			1	1				
5	3	119100-11080	SEAT, VALVE (INTAKE)			4	4				
6	3	119100-11090	SEAT, VALVE (EXHAUST)			4	4				
7	3	121850-11160	GUIDE, VALVE			4	4				
8	3	119000-11170	GUIDE, VALVE (EXH.)			4	4				
9	3	23876-005000	PLUG PT 1/16, SCREW			1	1				
10	3	23876-030000	PLUG PT 3/8, SCREW			1	1				
11	3	27241-160000	PLUG 16			7	7				
12	3	27241-280000	PLUG 28			3	3				
13	3	27241-400000	PLUG 40			2	2				
14	2	121850-11100	VALVE, SUCTION			4	4				
15	2	119171-11110	VALVE, EXHAUST			4	4				
16	2	124617-11120	SPRING (A), VALVE			8	8				
17	2	124617-11130	SPRING (B), VALVE			8	8				
18	2	121850-11150	SEAL, VALVE STEM			4	4				
19	2	124411-11180	RETAINER, SPRING			8	8				
20	2	27310-090001	COTTER 9			8	8				
21	2	119171-11370	CAP, VALVE			8	8				
22	2	119175-11910	BOLT			8	8				
23	2	26216-080652	STUD M 8X 65 PLATED			2	2				
24	2	119172-44300	STUD BOLT			2	2				
25	2	26366-060002	NUT M 6			8	8				
26	2	26366-080002	NUT M 8			2	2				
27	2	119171-11150	SEAL, VALVE STEM			4	4				
28	1	119100-11230	SHAFT ASSY, ARM			1	1				
29	2	719000-11651	ARM ASSY, ROCKER			8	8				
31	3	119000-11230	SCREW, VALVE			8	8				
32	3	129150-11750	NUT M 8X P1.0			8	8				
34	2	119000-11260	BRACKET (A)			1	1				
35	2	119000-11270	BRACKET (B)			3	3				
36	2	119000-11280	SPRING			3	3				
37	2	119000-11290	BOLT, SET			1	1				
38	2	22242-000180	CIRCLIP 18			2	2				
39	2	27241-100000	PLUG 10			2	2				
40	1	119625-11870	PROTECTOR, NOZZLE			4	4				
41	1	119625-11880	SEAT, NOZZLE			4	4				
42	1	119625-11900	RETAINER			4	4				
43	1	26106-080652	BOLT M 8X 65 PLATED			6	6				
44	1	119000-07200	LIFTER			2	2				
45	1	26106-100202	BOLT M10X 20 PLATED			4	4				
46	1	119172-77160	SUPPORT B			1	1				
47	1	26106-100252	BOLT M10X 25 PLATED			2	2				

Fig.11.BONNET & BREATHER

Fig. 11 ボンネット & ブリーザ
BONNET & BREATHER



見出しNo. 7は、見出しNo. 8から17を含みます。
7inc. 8 ~ 17

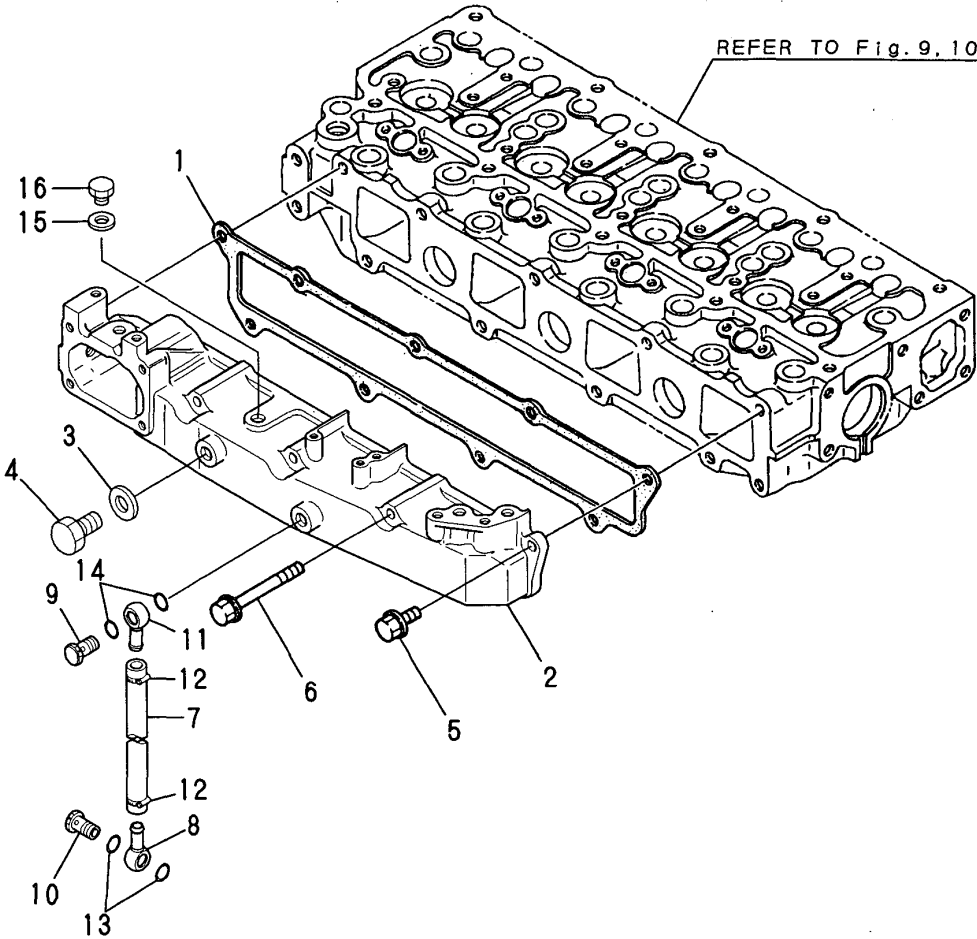
11.BONNET & BREATHER

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124160-01751	COVER,FILLER	1	1	1	1				
2	1	24311-000320	O-RING 1A P-32.0	1	1	1	1				
3	1	119173-11300	BONNET ASSY,HEAD	1	1	1	1				
5	2	119100-11320	GASKET, BONNET	1	1	1	1				
6	1	26106-080252	BOLT M 8X 25 PLATED	10	10	10	10				
7	1	119175-03021	COVER,BREAZER	1	1						
8	2	119174-01932	COVER	1	1						
9	2	119173-03030	COVER	1	1						
10	2	121850-03050	NET	1	1						
11	2	124411-03051	GASKET, COVER	1	1						
12	2	121750-03080	PLATE, BAFFLE	1	1						
13	2	26106-060452	BOLT M 6X 45 PLATED	1	1						
14	2	26106-060182	BOLT M 6X 18 PLATED	1	1						
15	2	119174-03192	PLATE	1	1						
16	2	129122-44480	JOINT	1	1						
17	2	26557-040062	SCREW 4X6	9	9						
18	1	121750-59890	CLAMP 140	4	4						
19	1	119174-39700	PIPE	1	1						
20	1	129122-44480	JOINT	1	1						
21	1	23000-022000	CLAMP 22	2	2						
22	1	119173-03110	PIPE	1	1						
23	1	23000-035000	CLAMP 35	1	1						
24	1	26106-080122	BOLT M 8X 12 PLATED			1	1				
25	1	119173-03020	COVER,BREATHER			1	1				
26	2	119187-01930	COVER			1	1				
27	2	119173-03030	COVER			1	1				
28	2	121850-03050	NET			1	1				
29	2	124411-03051	GASKET, COVER			1	1				
30	2	121750-03080	PLATE, BAFFLE			1	1				
31	2	26106-060182	BOLT M 6X 18 PLATED			1	1				
32	2	26106-060452	BOLT M 6X 45 PLATED			1	1				
33	1	119173-03110	PIPE			1	1				
34	1	121750-59890	CLAMP 140			2	2				
35	1	23000-035000	CLAMP 35			1	1				
36	1	23414-080000	GASKET 8, ROUND			1	1				

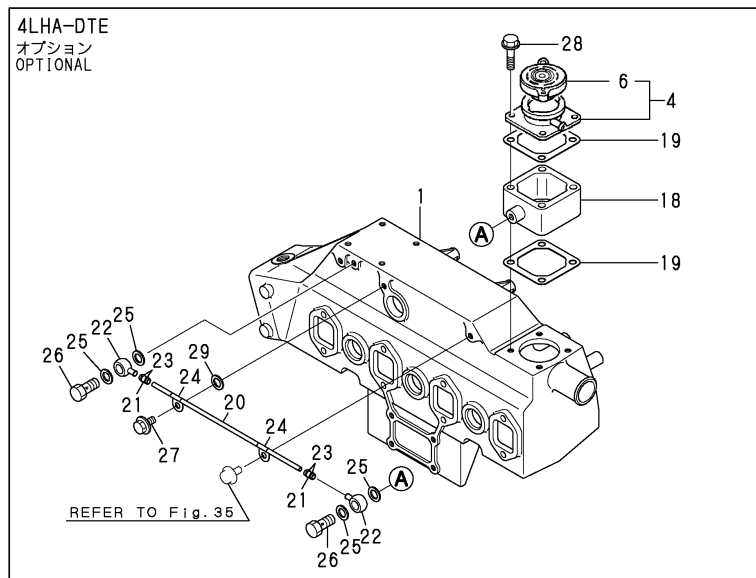
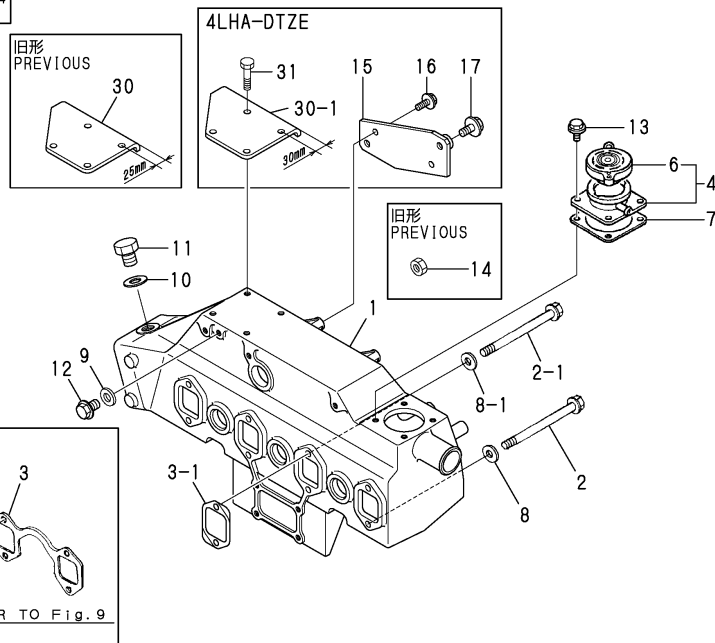
Fig.12.SUCTION MANIFOLD

Fig. 12 吸気マニホールド
SUCTION MANIFOLD



(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119100-12113	GASKET, MANIFOLD	1	1	1	1				
2	1	119175-12110	MANIFOLD, INTAKE	1	1	1	1				
3	1	23414-120000	GASKET 12, ROUND	2	2						
4	1	23887-120002	PLUG M12-HEX	2	2						
5	1	26106-080202	BOLT M 8X 20 PLATED	6	6	6	6				
6	1	26106-080702	BOLT M 8X 70 PLATED	3	3	3	3				
7	1	119593-18480	JOINT	1	1						
		(A=*1998.09) (B=*1998.09)									
8	1	129590-18520	JOINT 10, PIPE	1	1						
9	1	103854-39140	BOLT, PIPE JOINT	1	1						
10	1	124160-39140	BOLT 10, PIPE JOINT	1	1						
11	1	104264-59020	JOINT 12, PIPE	1	1						
12	1	23000-013000	CLAMP 13	2	2						
13	1	23414-100000	GASKET 10, ROUND	2	2						
14	1	23414-120000	GASKET 12, ROUND	2	2						
I 15	1	23414-200000	GASKET 20, ROUND	2	2	2	2				W
		(A=E/#30133) (B=*1999.08)									
I 16	1	23887-200002	PLUG 20, HEX	2	2	2	2				W
		(A=E/#30133) (B=*1999.08)									



Remarks
(1)OPTIONAL

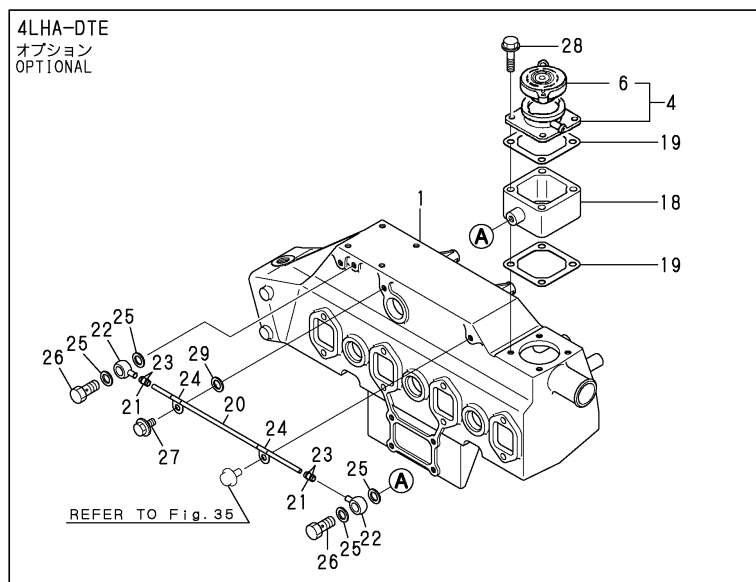
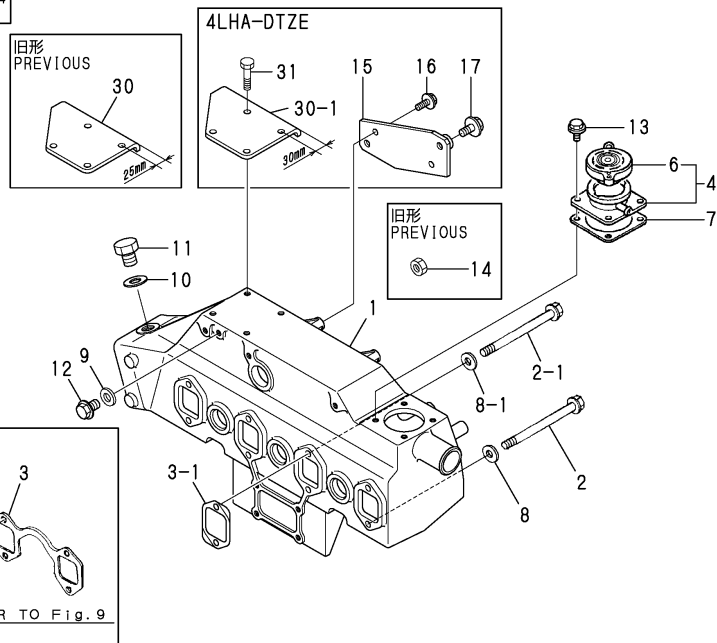
0CR10-G49301 13.EXHAUST MANIFOLD

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE

(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119175-13110	MANIFOLD,EXHAUST	1	1						
1-1	1	119175-13111	MANIFOLD,EXHAUST	1	1						N
		(A=E/#30101)	(B=E/#30102)								
1-2	1	119175-13112	MANIFOLD,EXH.	1	1						N
		(A=E/#30121)	(B=*1999.06)								
	2	119175-13140	BOLT(MANIFOLD	6	6						
I	2-1	119175-13140	BOLT(MANIFOLD	8	8						K
		(A=*2003.09)	(B=*2003.09)								
	3	119174-13201	GASKET(CPW COOLER	1	1						
I	3-1	119595-13200	GASKET	4	4						N
		(A=*2003.09)	(B=*2003.09)								
	4	129171-44600	FILLER ASSY	1	1						
	6	129107-44590	CAP, RADIATOR	1	1						
	7	120445-44640	GASKET	1	1						
	8	22137-080000	WASHER 8, POLISHED	6	6						
I	8-1	22137-080000	WASHER 8, POLISHED	8	8						K
		(A=*2003.09)	(B=*2003.09)								
	9	23414-080012	GASKET 8	1	1						
	10	23414-170000	GASKET 17, ROUND	1	1						
	11	23894-030002	PLUG G3/8 HEX	1	1						
	12	26106-080122	BOLT M 8X 12 PLATED	1	1						
	13	26106-080142	BOLT 8X 14 PLATED	4	4						
I	14	26306-080002	NUT	2	2						Z
		(A=*2003.09)	(B=*2003.09)								
	15	119175-67250	BRACKET,CANCEL WIRE		1						
	16	26106-080182	BOLT M 8X 18 PLATED		4						
	17	26106-100182	BOLT M10X 18 PLATED		2						
	18	119595-44600	SPACER,FILLER	1							W 1
		(A=*1998.11)									
	19	120445-44640	GASKET	2							W 1
		(A=*1998.11)									
	20	119175-44700	CWFT,FILLER	1							W 1
		(A=*1998.11)									
	21	119175-44800	JOINT,FILLER	2							W 1
		(A=*1998.11)									
	22	104264-59030	JOINT 8, PIPE	2							W 1
		(A=*1998.11)									
	23	23000-013000	CLAMP 13	4							W 1
		(A=*1998.11)									
	24	23297-080081	RETAINER 8X 8	2							W 1
		(A=*1998.11)									
	25	23414-080012	GASKET 8	4							W 1
		(A=*1998.11)									
	26	23857-030000	JOINT BOLT 3	2							W 1
		(A=*1998.11)									
	27	26106-080162	BOLT M 8X 16 PLATED	1							W 1
		(A=*1998.11)									
	28	26106-080602	BOLT M 8X 60 PLATED	4							W 1
		(A=*1998.11)									
	29	22137-080000	WASHER 8, POLISHED	1	1						W 1
		(A=*1998.10)	(B=*1998.10)								

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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Remarks
(1)OPTIONAL

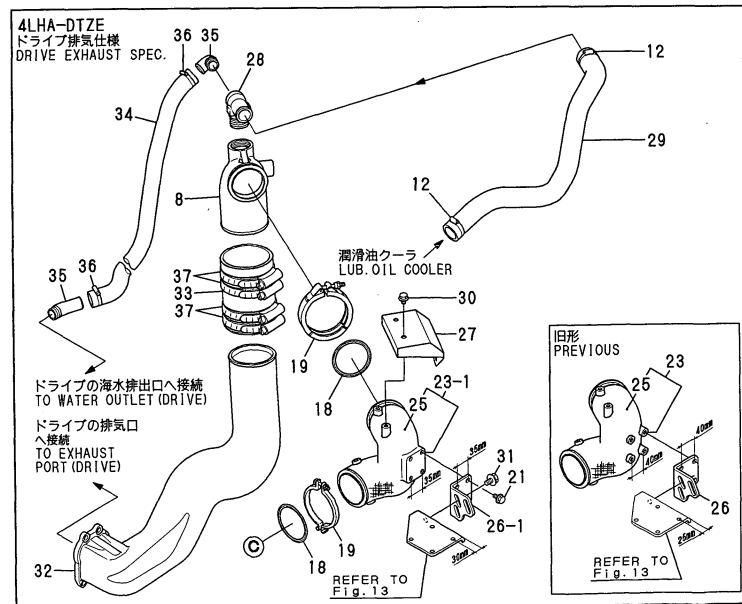
13.EXHAUST MANIFOLD

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE

(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
30	1	119175-13510 (B=E##30104)	BACKET		1					W	1
30-1	1	119175-13511 (B=*1999.06)	BACKET		1					S	1
31	1	26106-080202 (B=E##30104)	BOLT M 8X 20 PLATED		4					W	1

Fig. 14 タービン (4LHA-DTE, DTZE)
TURBOCHARGER (4LHA-DTE, DTZE)



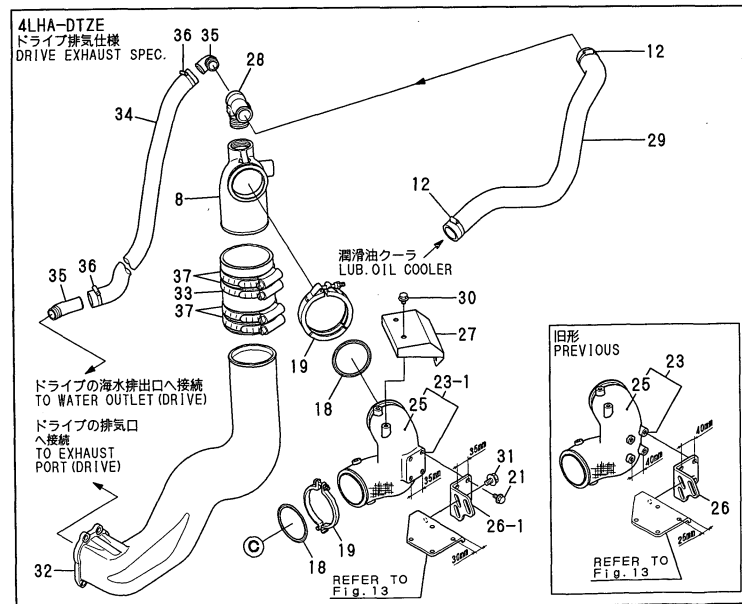
(1)OPTIONAL
(2)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.23-1
119175-13301 & REF.NO.26-1
119175-13521 & FIG13 REF.NO.30-1
119175-13511

(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	1	1	119173-18040	TURBOCHARGER	1	1					
	1-1	1	119173-18041	TURBO-CHARGER(RHC61	1	1					N
			(A=E/#30103)	(B=E/#30104)							
	2	1	119195-18860	SIRENCER,TURBO	1	1					
	3	2	119195-18880	FILTER	1	1					
	4	1	128300-13230	PACKING	1	1					
	5	1	127687-18910	CLAMP	1	1					
	6	1	26223-100252	STUD M10X 25	4	4					
	7	1	26703-100002	NUT M10	4	4					
	8	1	119773-13500	MIXING ELBOW	1	1					
	9	1	119175-48600	JOINT,CW	1						
	10	1	119773-13250	GASKET,TURBOCHARGER	1						
	11	1	119773-13300	V-CLAMP	1						
	12	1	23000-048000	CLAMP 48	2	2					
	13	1	119175-13200	BEND, EXH	1	1					1
	15	2	119175-13220	WOOL MAT	1	1					1
	16	1	119175-13250	BRACKET,BEND,EX	1	1					1
	17	1	119175-48620	JOINT,CW	1	1					1
	18	1	119773-13250	GASKET,TURBOCHARGER	1	2					1
	19	1	119773-13300	V-CLAMP	1	2					1
	20	1	119173-49040	HOSE,MIXING IN	1						
	21	1	26106-080162	BOLT M 8X 16 PLATED	4	4					
	22	1	119173-49020	HOSE,MIXING IN		1					
	23	1	119175-13300	BEND, EXH		1					W
			(B=E/#30104)								
I	23-1	1	119175-13301	BEND,EXH		1					F 2
			(B=*1999.06)								
	25	2	119175-13320	PAD		1					W
			(B=E/#30104)								
	26	1	119175-13520	BRACKET		1					W
			(B=E/#30104)								
I	26-1	1	119175-13521	BRACKET		1					S 2
			(B=*1999.06)								
	27	1	119175-13700	COVER		1					W
			(B=E/#30104)								
	28	1	119175-48640	JOINT,CW		1					W
			(B=E/#30104)								
	29	1	119175-49500	RUBBER ELBOW		1					W
			(B=E/#30104)								
	30	1	26106-080102	BOLT M 8X 10 PLATED		3					W
			(B=E/#30104)								
	31	1	26106-100202	BOLT M10X 20 PLATED		3					W
			(B=E/#30104)								
	32	1	119175-13620	EXHAUST PIPE		1					W
			(B=E/#30104)								
	33	1	119175-13800	RUBBER JOINT		1					W
			(B=E/#30104)								
	34	1	119175-49510	RUBBER ELBOW		1					W
			(B=E/#30104)								
	35	1	119175-49520	45 DEGREE ELBOW		2					W
			(B=E/#30104)								

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

Fig. 14 タービン (4LHA-DTE, DTZE)
TURBOCHARGER (4LHA-DTE, DTZE)



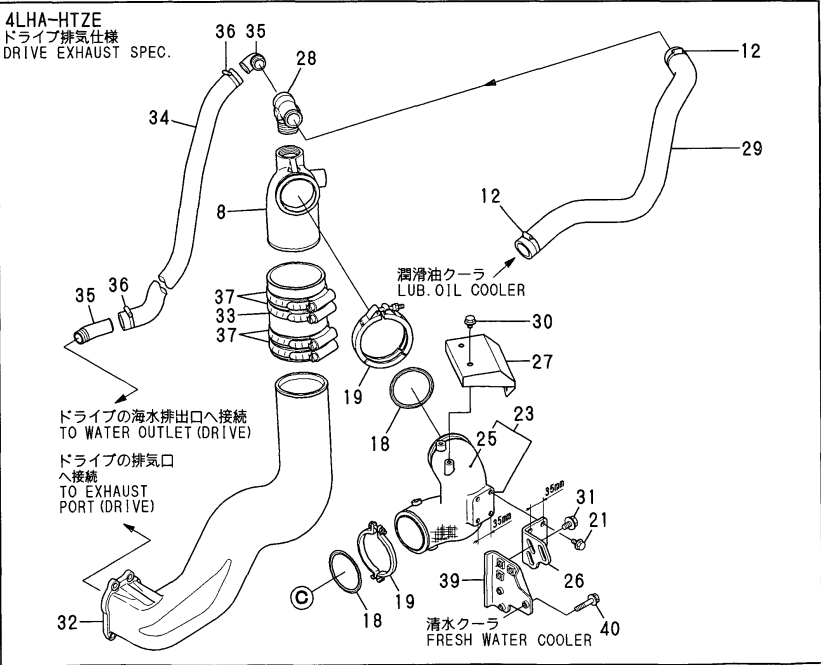
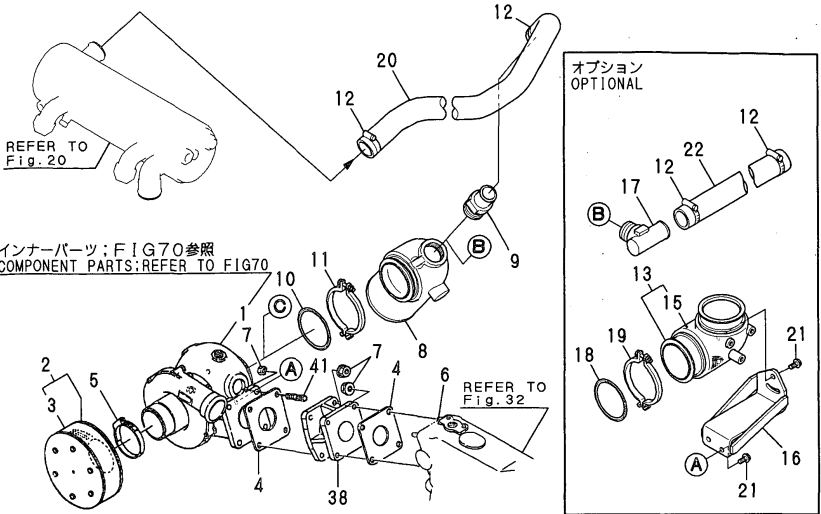
(1)OPTIONAL
(2)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.23-1
119175-13301 & REF.NO.26-1
119175-13521 & FIG13 REF.NO.30-1
119175-13511

(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
36	1	23000-035000	CLAMP 35 (B=E/#30104)		2						W
37	1	23000-127000	CLAMP 127/HOSE (B=E/#30104)		4						W

Fig.15.TURBOCHARGER(4LHA-HTE,HTZE)

Fig. 15 タービン (4LHA-HTE, HTZE)
TURBOCHARGER (4LHA-HTE, HTZE)



Remarks
(1)OPTIONAL

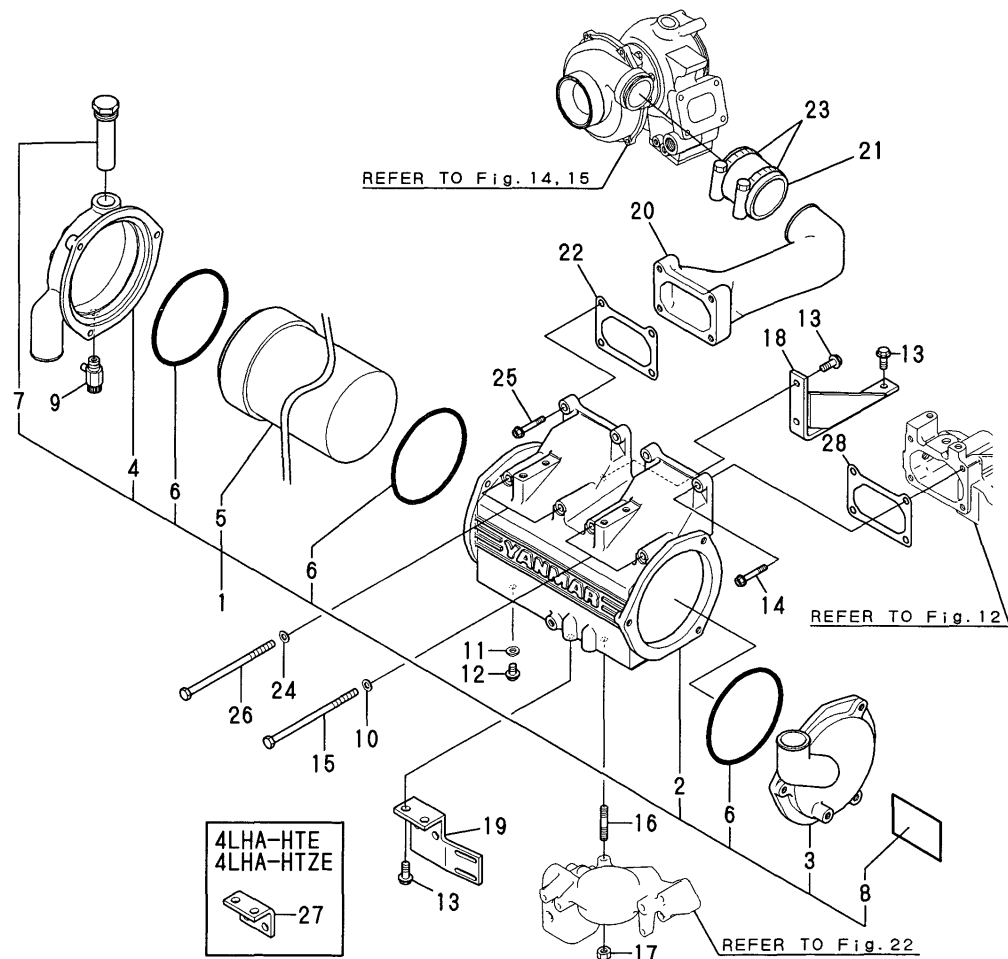
15.TURBOCHARGER(4LHA-HTE,HTZE)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119172-18030	TURBOCHARGER			1	1				
2	1	119195-18860	SIRENCER,TURBO			1	1				
3	2	119195-18880	FILTER			1	1				
4	1	128300-13230	PACKING			2	2				
5	1	127687-18910	CLAMP			1	1				
6	1	26223-100252	STUD M10X 25			4	4				
7	1	26703-100002	NUT M10			4	4				
8	1	119773-13500	MIXING ELBOW			1	1				1
9	1	119175-48600	JOINT,CW			1					
10	1	119773-13250	GASKET,TURBOCHARGER			1					
11	1	119773-13300	V-CLAMP			1					
12	1	23000-048000	CLAMP 48			2	2				1
13	1	119175-13200	BEND,EXH			1	1				1
15	2	119175-13220	WOOL MAT			1	1				
16	1	119175-13250	BRACKET,BEND,EX			1	1				1
17	1	119175-48620	JOINT,CW			1	1				1
18	1	119773-13250	GASKET,TURBOCHARGER			2	2				1
19	1	119773-13300	V-CLAMP			2	2				1
20	1	119173-49040	HOSE,MIXING IN			1					
21	1	26106-080162	BOLT M 8X 16 PLATED			4	4				1
22	1	119173-49020	HOSE,MIXING IN			1	1				1
23	1	119175-13301	BEND,EXH				1				
25	2	119175-13320	PAD				1				
26	1	119175-13521	BRACKET				1				
27	1	119175-13700	COVER				1				
28	1	119175-48640	JOINT,CW				1				
29	1	119175-49500	RUBBER ELBOW				1				
30	1	26106-080122	BOLT M 8X 12 PLATED				3				
31	1	26106-100162	BOLT M10X 16 PLATED				3				
32	1	119175-13620	EX-HAUST PIPE				1				
33	1	119175-13800	RUBBER JOINT				1				
34	1	119175-49510	RUBBER ELBOW				1				
35	1	119175-49520	45 DEGREE ELBOW				2				
36	1	23000-035000	CLAMP 35				2				
37	1	23000-127000	CLAMP 127,HOSE				4				
38	1	119172-18060	BRACKET,TURBOCHARGER			1	1				
39	1	119172-13510	BRACKET				1				
40	1	26106-080202	BOLT M 8X 20 PLATED				4				
41	1	26213-100252	STUD M10X 25			4	4				

Fig.16.AIR COOLLER

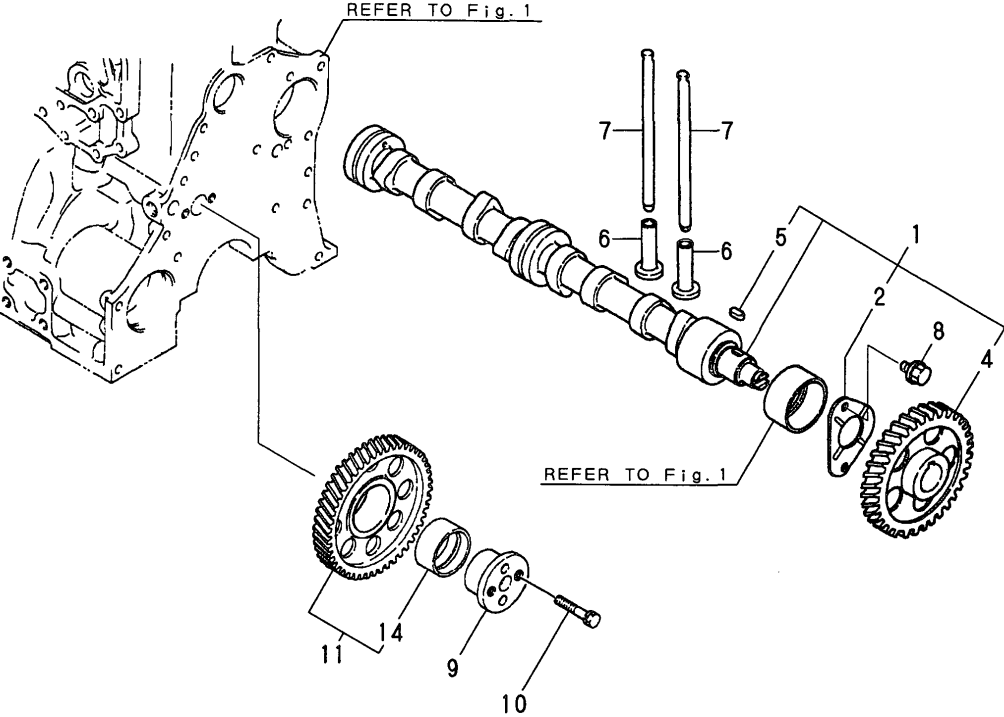
Fig. 16 インタークーラ
AIR COOLLER



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119175-18100	INTERCOOLER ASSY	1	1	1	1				
2	2	119175-18110	CYLINDER	1	1	1	1				
3	2	119175-18120	WATER BOX	1	1	1	1				
4	2	119175-18130	WATER BOX	1	1	1	1				
5	2	119175-18140	TUBESTACK	1	1	1	1				
6	2	119773-18350	O-RING	3	3	3	3				
7	2	119574-18790	ZINC, ANTI-CORROSIVE	1	1	1	1				
I 8	2	119175-18160	LABEL	1	1	1	1				W
(A)=*2000.01) (B)=*2000.01)											
9	1	120130-49350	COCK 1/4	1	1						
I 9-1	1	119620-49290	COCK ASSY 1/4	1	1	1	1				N
(A)=*2000.04) (B)=*2000.04)											
10	1	22137-080000	WASHER 8, POLISHED	2	2	2	2				
11	1	23414-080000	GASKET 8, ROUND	1	1	1	1				
12	1	26106-080122	BOLT M 8X 12 PLATED	1	1	1	1				
13	1	26106-080202	BOLT M 8X 20 PLATED	8	8	8	8				
14	1	26106-080302	BOLT M 8X 30 PLATED	2	2	2	2				
15	1	26116-081252	BOLT M 8X 125 PLATED	2	2	2	2				
16	1	26226-080452	STUD M 8X 45 PLATED	1	1	1	1				N
17	1	26366-080002	NUT M 8	1	1	1	1				
18	1	119175-18520	SUPPORT, INTERCOOLER	1	1	1	1				
19	1	119175-18530	SUPPORT B, INTERCOOL	1	1						
20	1	119173-18150	AIR DUCT, I/C IN	1	1	1	1				
21	1	119174-18130	HOSE AIR DUCT RUBBER	1	1	1	1				
22	1	119175-18590	GASKET, INTERCOOL	1	1	1	1				
23	1	127488-18910	CLIP	2	2	2	2				
24	1	22137-080000	WASHER 8, POLISHED	2	2	2	2				
25	1	26106-080302	BOLT M 8X 30 PLATED	2	2	2	2				
26	1	26116-081252	BOLT M 8X 125 PLATED	2	2	2	2				
27	1	119172-18560	SUPPORT C, INTERCOOL			1	1				
28	1	119175-18590	GASKET, INTERCOOL	1	1	1	1				

Fig.17.CAMSHAFT & DRIVING GEAR

Fig. 17 カムシャフト&駆動ギヤ
CAMSHAFT & DRIVING GEAR



Remarks
(1)REPAIR PART

17.CAMSHAFT & DRIVING GEAR

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-14000	CAMSHAFT ASSY.	1	1	1	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 7X14	1	1	1	1				
6	1	119000-14200	TAPPET	8	8	8	8				
7	1	119171-14400	PUSH ROD	8	8	8	8				
8	1	26106-080162	BOLT M8X16 PLATED	2	2	2	2				
9	1	119000-25050	SHAFT, IDLE GEAR	1	1	1	1				
10	1	119174-25060	BOLT M8X45,COLLAR	2	2	2	2				
11	1	119000-25100	GEAR ASSY, IDLE Z=51	1	1	1	1				
14	2	119000-25930	BUSH, IDLE GEAR	1	1	1	1				1

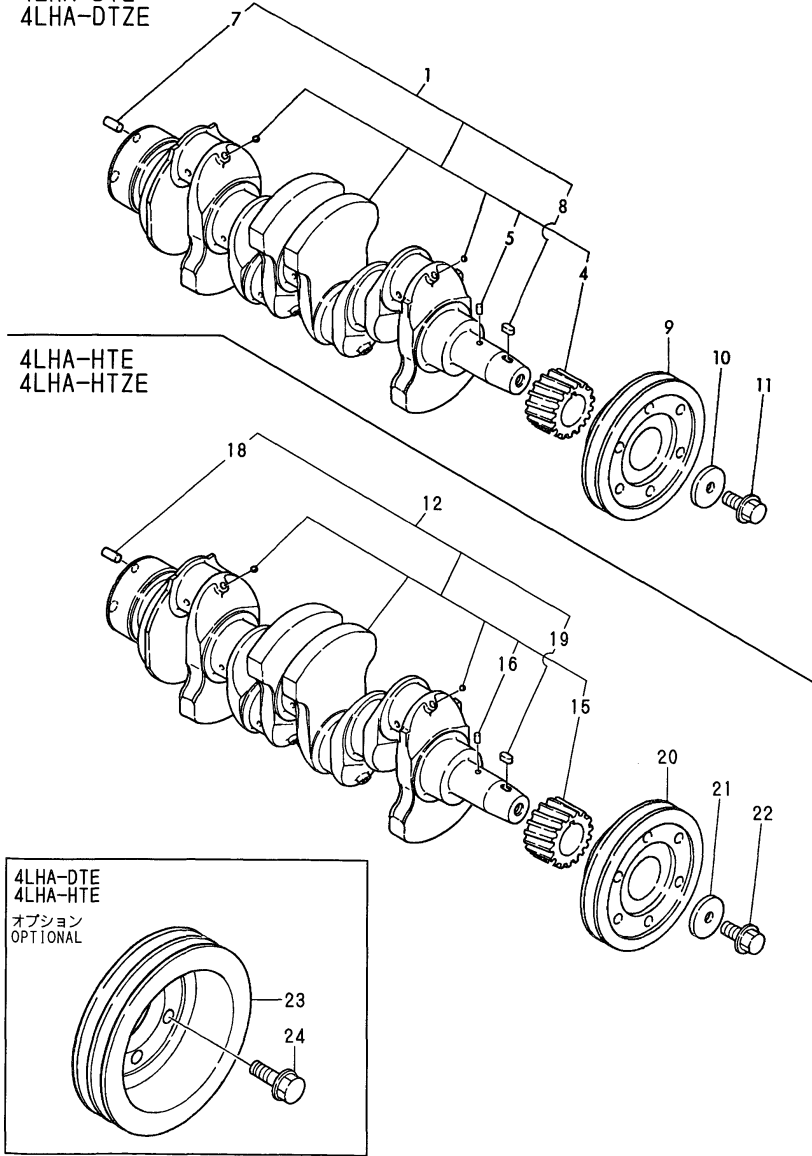
Fig.18.CRANKSHAFT

Fig. 18 クランクシャフト
CRANKSHAFT

4LHA-DTE
4LHA-DTZE

4LHA-HTE
4LHA-HTZE

4LHA-DTE
4LHA-HTE
オプション
OPTIONAL



Remarks
(1)OPTIONAL

18.CRANKSHAFT

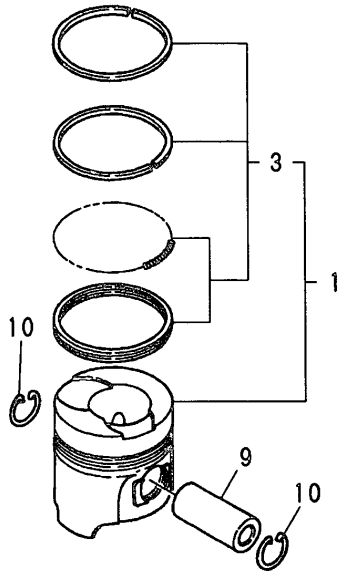
(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719184-21700	CRANKSHAFT ASSY.	1	1						
4	3	121850-21200	GEAR, CRANKSHAFT	1	1						
5	3	121850-21290	PARALLEL PIN	1	1						
7	2	121850-21920	PARALLEL PIN 10X22	1	1						
8	2	22512-070140	KEY 7X14	1	1						
9	1	119000-21650	V-PULLEY, CRANKSHAFT	1	1						
10	1	121850-21660	WASHER	1	1						
11	1	121850-21680	BOLT, V-PULLEY	1	1						
12	1	719171-21701	CRANKSHAFT ASSY. (DV			1	1				
15	3	121850-21200	GEAR, CRANKSHAFT			1	1				
16	3	121850-21290	PARALLEL PIN			1	1				
18	2	121850-21920	PARALLEL PIN 10X22			1	1				
19	2	22512-070140	KEY 7X14			1	1				
20	1	119000-21650	V-PULLEY, CRANKSHAFT			1	1				
21	1	121850-21660	WASHER			1	1				
22	1	121850-21680	BOLT, V-PULLEY			1	1				
23	1	119171-21650	V-PULLEY D=180 A-2	1		1					1
24	1	26106-100302	BOLT M10X 30 PLATED	6		6					1

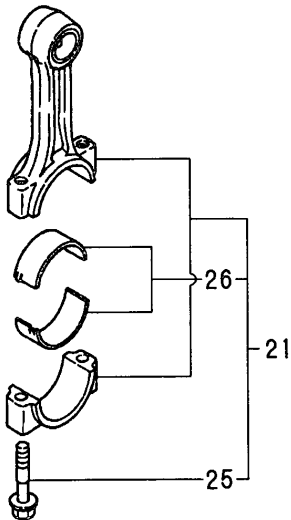
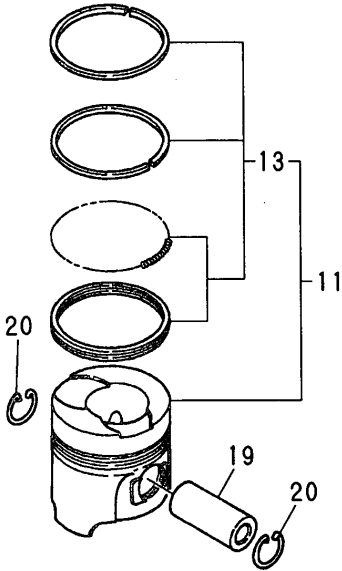
Fig.19.PISTON & CONNECTING ROD

Fig.19 ピストン&コネクティングロッド
PISTON & CONNECTING ROD

4LHA-DTE
4LHA-DTZE



4LHA-HTE
4LHA-HTZE



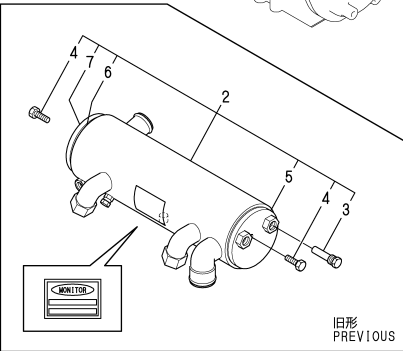
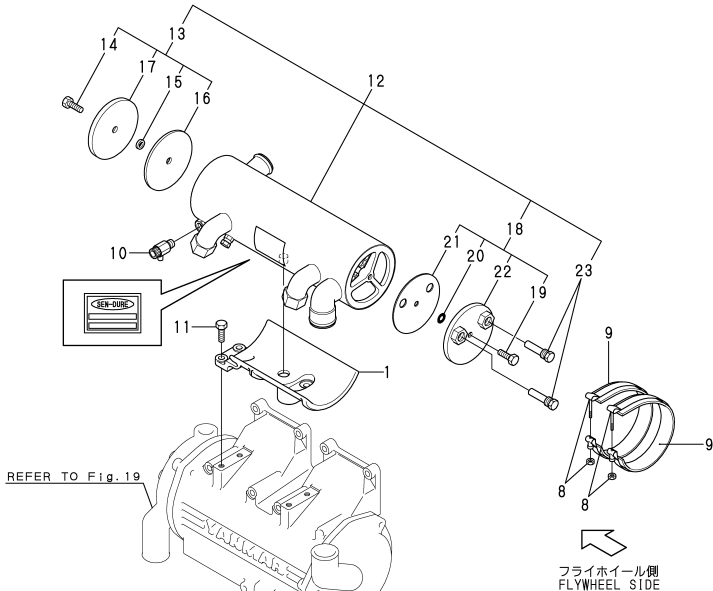
19.PISTON & CONNECTING ROD

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119173-22050	PISTON W/RINGS	4	4						
3	2	719187-22502	RING SET	4	4						
9	1	119173-22300	PIN, PISTON	4	4						
10	1	22252-000370	CIRCLIP 37	8	8						
11	1	119172-22100	PISTON W/RINGS			4	4				
13	2	719187-22502	RING SET			4	4				
19	1	119173-22300	PIN, PISTON			4	4				
20	1	22252-000370	CIRCLIP 37			8	8				
21	1	719174-23100	ROD ASSY, CONNECTING	4	4	4	4				
25	2	121850-23200	BOLT, ROD	8	8	8	8				
26	2	719174-23600	CRANK-PIN METAL	4	4	4	4				

Fig.20.LUB.OIL COOLER

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Remarks
(1)THERE ARE A KIT AND INTERCHANGEABILITY OF NO.13 OR NO.18.(NOT INTERCHANGEABLE SINGLE PART.) (2)THERE ARE A KIT AND INTERCHANGEABILITY OF NO.18.(NOT INTERCHANGEABLE SINGLE PART.) (3)THERE ARE A KIT AND INTERCHANGEABILITY OF NO.13.(NOT INTERCHANGEABLE SINGLE PART.) (4)IT IS ABOUT 2002 MANUFACTURER CHANGE.(MONITOR CO. -> SEN-DURE CO.)THE PART NUMBER DOESN'T HAVE THE CHANGE.

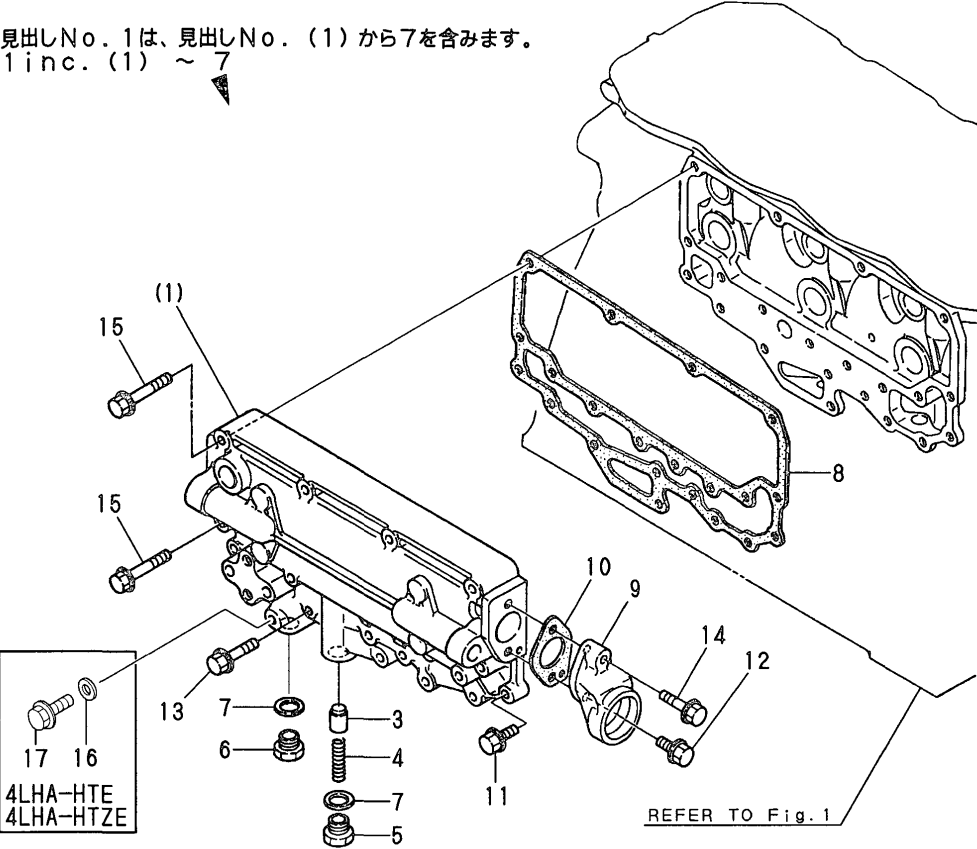
(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	1	119173-33160	BRACKET,LO COOLER	1	1	1	1				
	2	119175-33200	LUB.OIL COOLER	1	1	1	1				4
	3	119574-44150	ZINC,ANTI-CORROSIVE	2	2	2	2				
I	4	2	119574-44180	BOLT,UNC 3/8	2	2	2	2			1
I	5	2	119175-33080	GASKET	1	1	1	1			2
I	6	2	119773-33080	GASKET F	1	1	1	1			3
I	7	2	119773-33060	COVER B OMP	1	1	1	1			3
	8	1	119775-33200	CLAMP,T-BOLT	2	2					
	8-1	1	119175-44200	CLAMP,T-BOLT	2	2	2	2			N
(A=E/#30131) (B=*1999.07)											
	9	1	119775-33620	RUBBER SEAT	2	2	2	2			
	10	1	120130-49350	COCK 1/4	1	1					
	10-1	1	119620-49290	COCK ASSY 1/4	1	1	1	1			N
(A=*2000.04) (B=*2000.04)											
	11	1	26106-080252	BOLT M 8X 25 PLATED	4	4	4	4			
I	12	1	119175-33200	LUB.OIL COOLER	1	1	1	1			4
I	13	2	119175-33320	SPARE COVER KIT2	1	1	1	1			W
(A=*2007.04) (B=*2007.04) (C=*2007.04) (D=*2007.04)											
I	14	3	119175-33330	BOLT UNC 3/8-16X58	1	1	1	1			
I	15	3	119175-33360	RUBBER GASKET	1	1	1	1			
I	16	3	119175-33370	4 INCH GASKET	1	1	1	1			
I	17	3	119175-33390	SEPARATOR COVER	1	1	1	1			
I	18	2	119175-33310	SPARE COVER KIT1	1	1	1	1			W
(A=*2007.04) (B=*2007.04) (C=*2007.04) (D=*2007.04)											
I	19	3	119175-33340	BOLT UNC 3/8-16X34	1	1	1	1			
I	20	3	119175-33350	O-RING	1	1	1	1			
I	21	3	119175-33380	4 INCH GASKET, 2H	1	1	1	1			
I	22	3	119175-33400	SEPARATOR COVER,CAST	1	1	1	1			
I	23	2	119574-44150	ZINC,ANTI-CORROSIVE	2	2	2	2			

Fig.21.LUB.OIL COOLER HOUSING

Fig.21 潤滑油クーラケース
LUB.OIL COOLER HOUSING

見出しNo. 1は、見出しNo. (1) から7を含みます。
1inc. (1) ~ 7

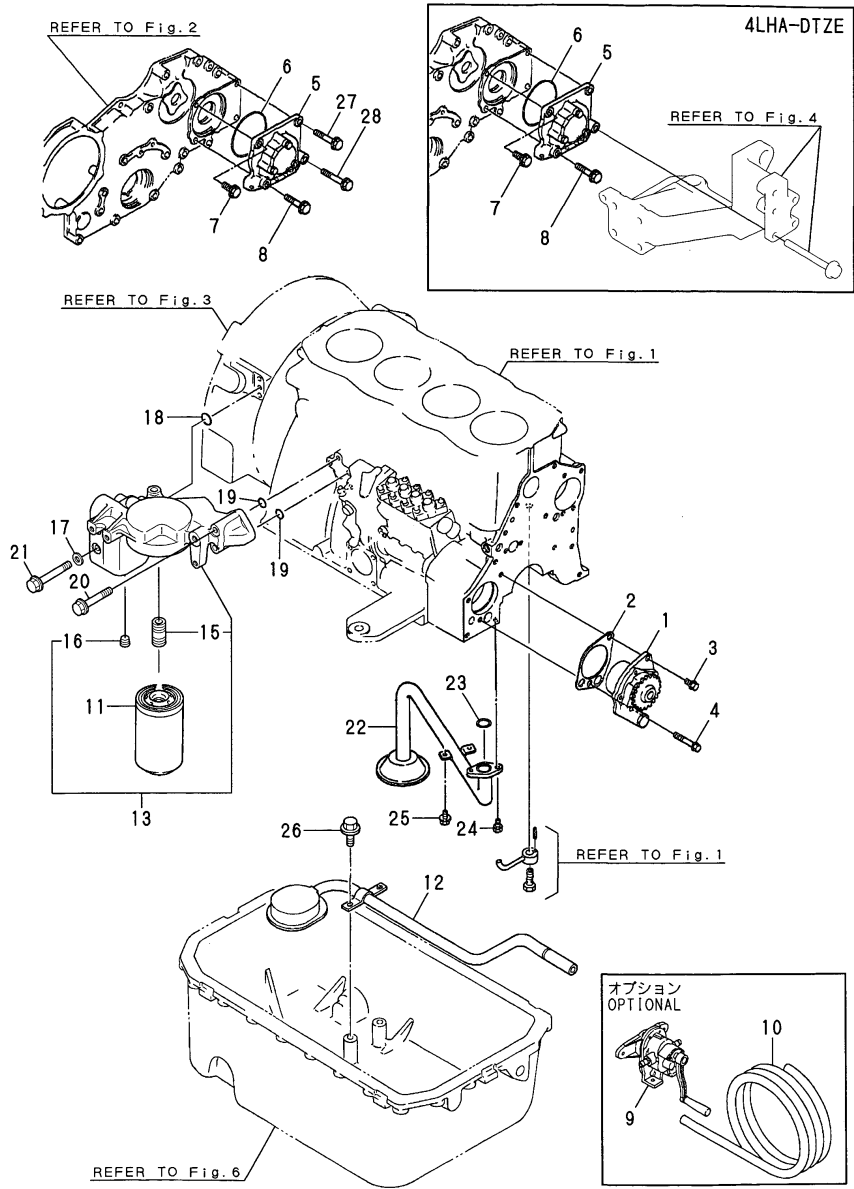


21.LUB.OIL COOLER HOUSING

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719171-33100	OIL COOLER HOUSING	1	1	1	1				
3	2	119000-34030	VALVE, OIL PRESS	1	1	1	1				
4	2	124411-35520	SPRING	1	1	1	1				
5	2	123672-84530	RETAINER	1	1	1	1				
6	2	123672-84530	RETAINER	1	1	1	1				
7	2	23414-180000	GASKET 18,ROUND	2	2	2	2				
8	1	119000-33022	GASKET, COOLER CASE	1	1	1	1				
9	1	119000-33030	BEND	1	1	1	1				
10	1	119000-33041	GASKET, BEND	1	1	1	1				
11	1	26106-080202	BOLT M 8X 20 PLATED	3	3	3	3				
12	1	26106-080202	BOLT M 8X 20 PLATED	1	1	1	1				
13	1	26106-080352	BOLT M 8X 35 PLATED	8	8	8	8				
14	1	26106-080352	BOLT M 8X 35 PLATED	1	1	1	1				
15	1	26106-080502	BOLT M 8X 50 PLATED	10	10	10	10				
16	1	23414-080000	GASKET 8,ROUND			1	1				
17	1	26106-080122	BOLT M 8X 12 PLATED			1	1				

Fig.22.LUB.OIL SYSTEM

Fig.22 潤滑油システム
LUB.OIL SYSTEM



Remarks
(1)OPTIONAL

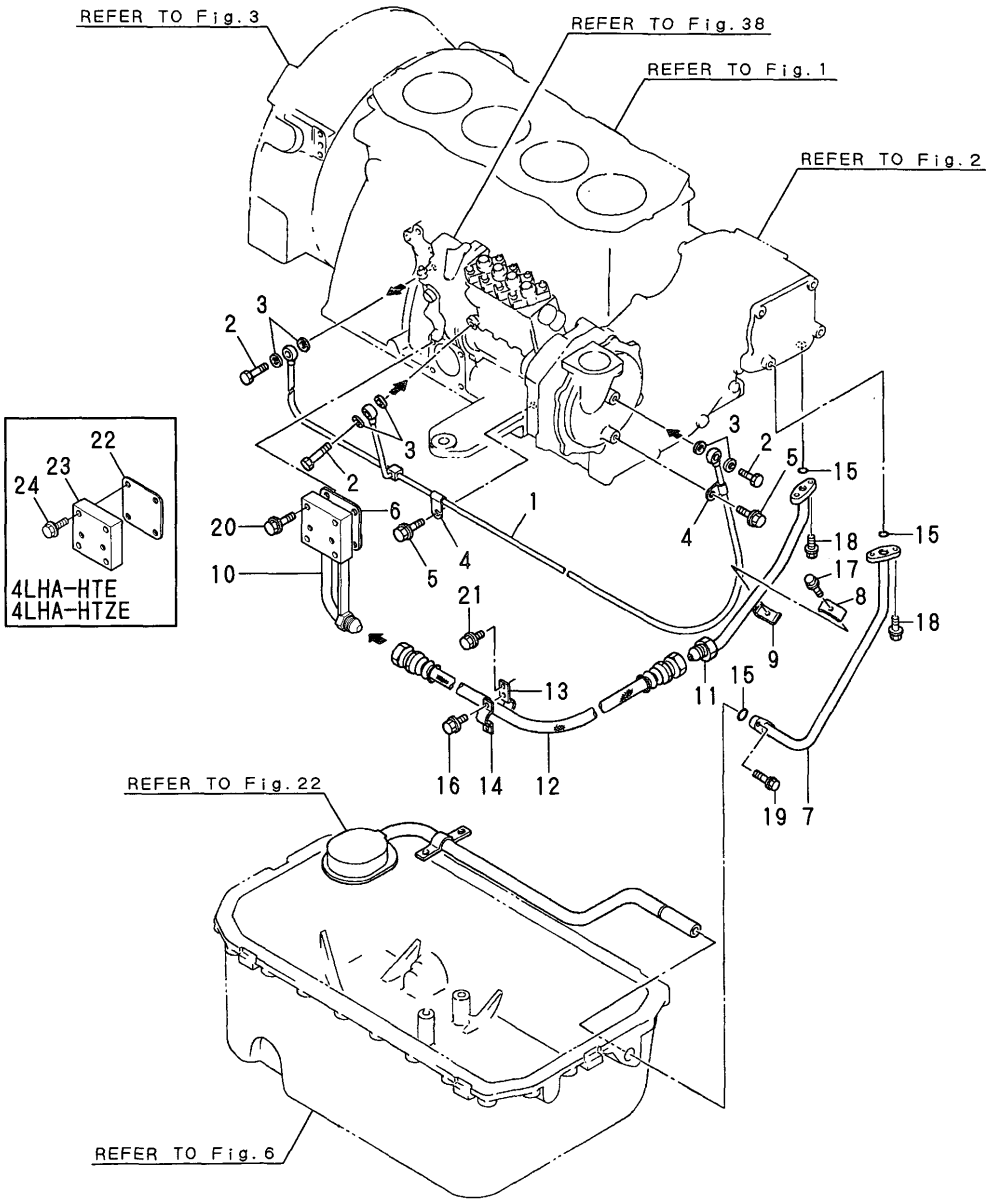
22.LUB.OIL SYSTEM

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119000-32001	PUMP ASSY, LUB.OIL	1	1	1	1				
2	1	119000-32020	GASKET, L.O.PUMP	1	1	1	1				
3	1	26106-080162	BOLT M 8X 16 PLATED	1	1	1	1				
4	1	26106-080502	BOLT M 8X 50 PLATED	1	1	1	1				
5	1	119187-32000	LUB. OIL PUMP	1	1	1	1				
6	1	24341-000800	O-RING 1A S-80.0	1	1						
7	1	26106-080252	BOLT M 8X 25 PLATED	1	1						
8	1	26106-080452	BOLT M 8X 45 PLATED	1	1						
9	1	124413-39100	PUMP, OIL SUMP	1	1	1	1				1
10	1	43720-001220	PIPE	1	1	1	1				1
11	1	127695-35150	STRAINER, LUB. OIL	1	1	1	1				
12	1	119187-35100	PIPE, OIL INLET	1	1						
13	1	119175-35200	BRACKET, LO FILTR CMP	1	1						
15	2	119175-35180	STUD, LUB.OIL FILTER	1	1						
16	2	23871-030000	PLUG PT38, SCREW	2	2						
I 16-1	2	23876-030000 (A=E/#30101) (B=E/#30102)	PLUG PT38, SCREW	2	2	2	2				N
17	1	22137-080000	WASHER 8, POLISHED	2	2	2	2				
18	1	24311-000120	O-RING 1A P-120	1	1	1	1				
19	1	24311-000180	O-RING 1A P-18.0	2	2	2	2				
20	1	26106-081102	BOLT M 8X 110 PLATED	2	2	2	2				
21	1	26106-081152	BOLT M 8X 115 PLATED	2	2	2	2				
22	1	119100-35090	PIPE, OIL INLET	1	1	1	1				
23	1	24311-000220	O-RING 1A P-22.0	1	1	1	1				
24	1	26013-080162	BOLT W WASHER M 8X 16	2	2	2	2				
25	1	26106-080162	BOLT M 8X 16 PLATED	2	2	2	2				
26	1	26106-060122	BOLT M 6X 12 PLATED	2	2						
27	1	26106-080552	BOLT M 8X 55 PLATED	1							
28	1	26106-080702	BOLT M 8X 70 PLATED	1							

Fig.23.LUB.OIL PIPE

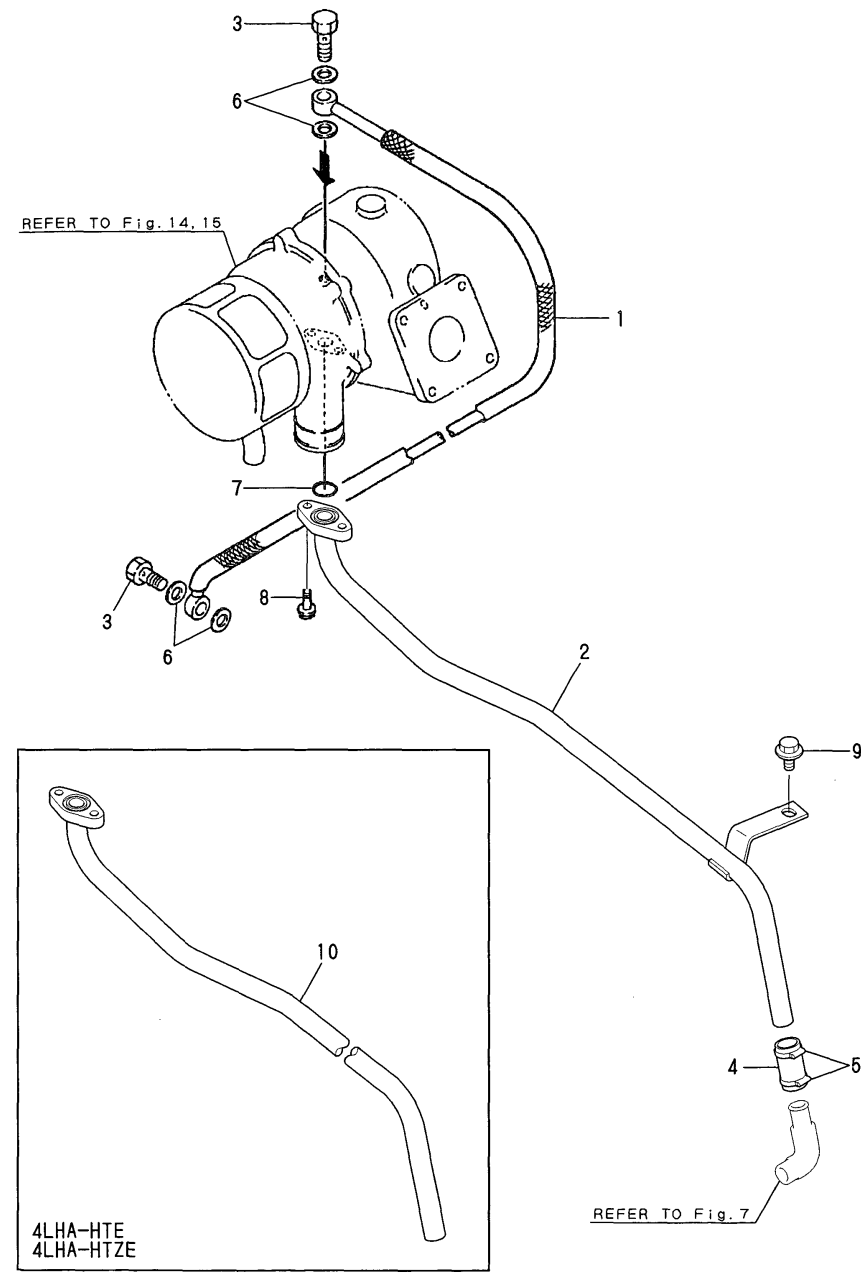
Fig.23 潤滑油パイプ
LUB.OIL PIPE



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119181-39400	PIPE, LUB. OIL	1	1						
I 1-1	1	119181-39401	PIPE, LUB. OIL	1	1						N
(A=*1999.11) (B=*1999.11)											
2	1	129198-59540	BOLT 8, PIPE JOINT	3	3						
3	1	22190-080002	SEAL WASHER 8S	6	6						
4	1	23297-060081	RETAINER 6X 8	2	2						
5	1	26106-080122	BOLT M 8X 12 PLATED	2	2						
6	1	119187-35160	GASKET, MOUNT	1	1						
7	1	119173-39300	PIPE, LUB. OIL	1	1						
8	1	119187-39320	CLAMP, PIPE	1	1						
9	1	119187-39330	CLAMP, PIPE	1	1						
10	1	119175-39350	PIPE, LUB. OIL	1	1						
11	1	119187-39360	PIPE, LUB. OIL	1	1						
12	1	119187-39370	PIPE, LUB. OIL	1	1						
13	1	119181-39500	RETAINER A, PIPE	1	1						
14	1	119173-39510	RETAINER B, PIPE	1	1						
15	1	24311-000120	O-RING 1A P 120	3	3						
16	1	26106-060122	BOLT M 6X 12 PLATED	2	2						
17	1	26106-060202	BOLT M 6X 20 PLATED	1	1						
18	1	26106-080162	BOLT M 8X 16 PLATED	4	4						
19	1	26106-080252	BOLT M 8X 25 PLATED	2	2						
20	1	26106-080302	BOLT M 8X 30 PLATED	4	4						
21	1	26106-100162	BOLT M10X 16 PLATED	1	1						
22	1	119187-35160	GASKET, MOUNT			1	1				
23	1	119172-35170	CAP, LUB.OIL			1	1				
24	1	26106-080302	BOLT M 8X 30 PLATED			4	4				

Fig.24.LUB.OIL PIPE(TURBOCHARGER)

Fig.24 潤滑油パイプ (タービン)
LUB. OIL PIPE (TURBOCHARGER)



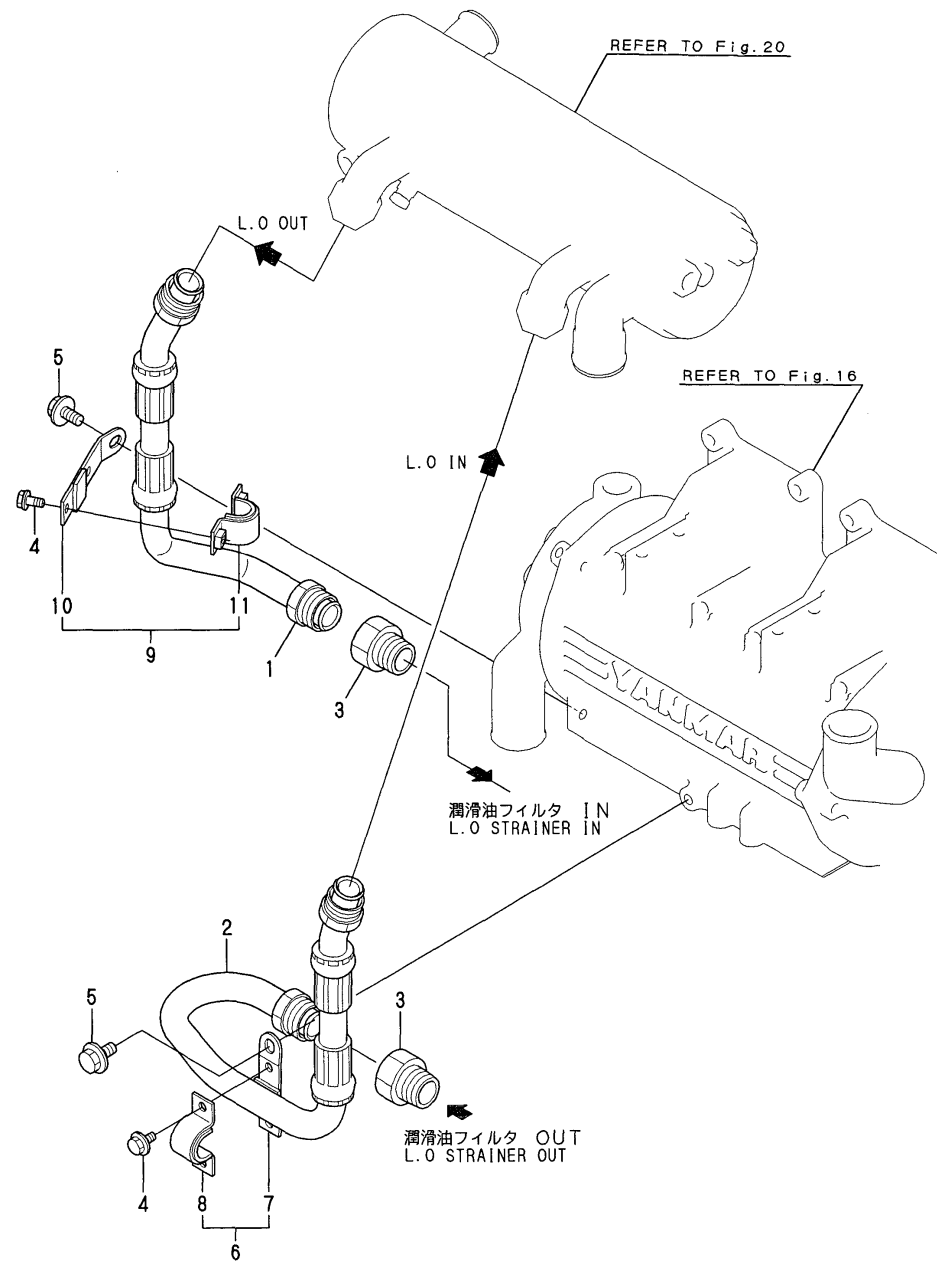
24.LUB.OIL PIPE(TURBOCHARGER)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119187-39610	PIPE, LUB. OIL	1	1	1	1				
2	1	119175-39660	PIPE, LUB. OIL	1	1						
3	1	121252-39150	BOLT, PIPE JOINT	2	2	2	2				
4	1	129792-39610	JOINT, RUBBER	1	1	1	1				
5	1	23000-025000	CLAMP 25	2	2	2	2				
6	1	23414-100000	GASKET 10, ROUND	4	4	4	4				
7	1	24316-000200	O-RING 4D P-20.0	1	1	1	1				
8	1	26106-060162	BOLT M 6X 16 PLATED	2	2	2	2				
9	1	26106-080162	BOLT M 8X 16 PLATED	1	1						
10	1	119172-39660	PIPE, LUB. OIL				1	1			

Fig.25.LUB.OIL PIPE(COOLER)

Fig.25 潤滑油パイプ (クーラ)
LUB.OIL PIPE (COOLER)



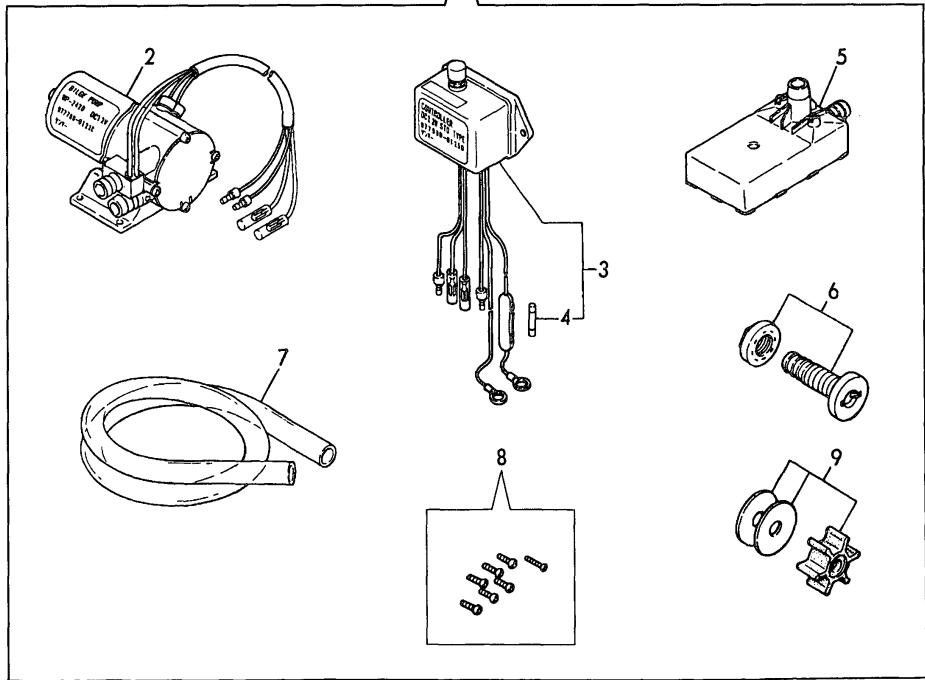
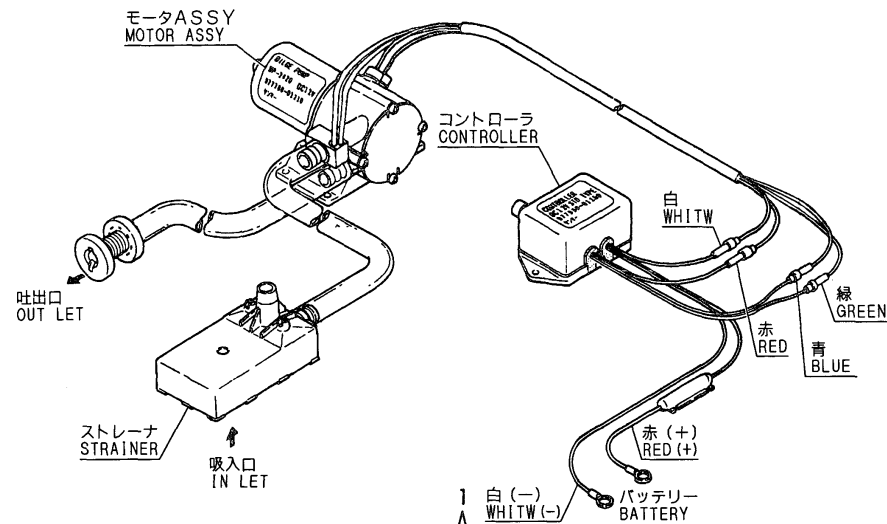
25.LUB.OIL PIPE(COOLER)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119175-39050	PIPELO COOLER OUT	1	1	1	1				
2	1	119175-39060	PIPELO COOLER IN	1	1	1	1				
3	1	119574-39200	JOINT,LOT	2	2	2	2				
4	1	26106-060122	BOLT M 6X 12 PLATED	4	4	4	4				
5	1	26106-080162	BOLT M 8X 16 PLATED	2	2	2	2				
6	1	119175-39120	RETAINER A, PIPE	1	1	1	1				
7	2	119175-39160	RETAINER A1, PIPE	1	1	1	1				
8	2	119175-39170	RETAINER A2, PIPE	1	1	1	1				
9	1	119175-39140	RETAINER C, PIPE	1	1	1	1				
10	2	119175-39180	RETAINER C1, PIPE	1	1	1	1				
11	2	119175-39190	RETAINER C2, PIPE	1	1	1	1				

Fig.26.BILGE PUMP(STD,OPTIONAL)

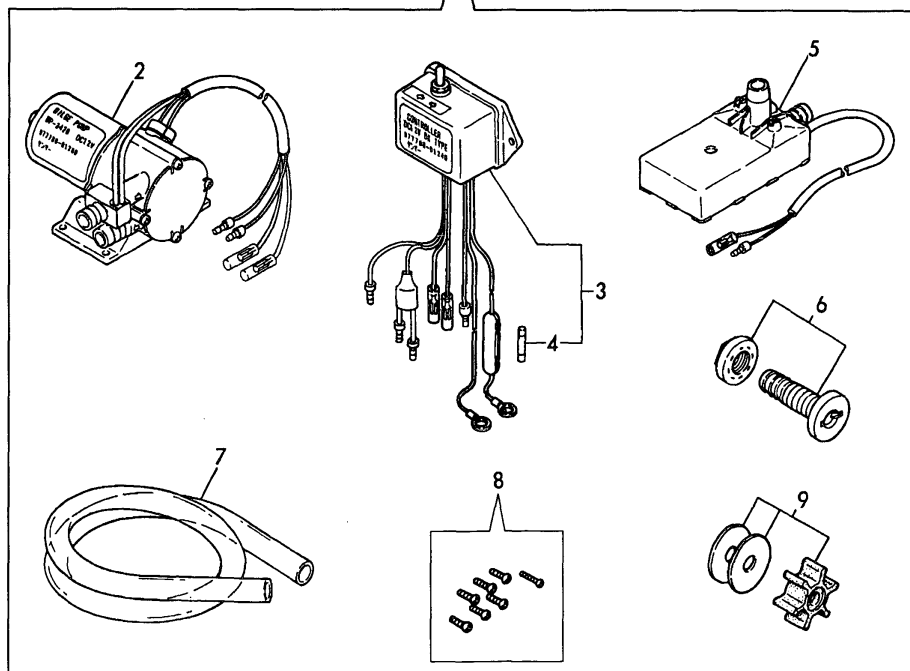
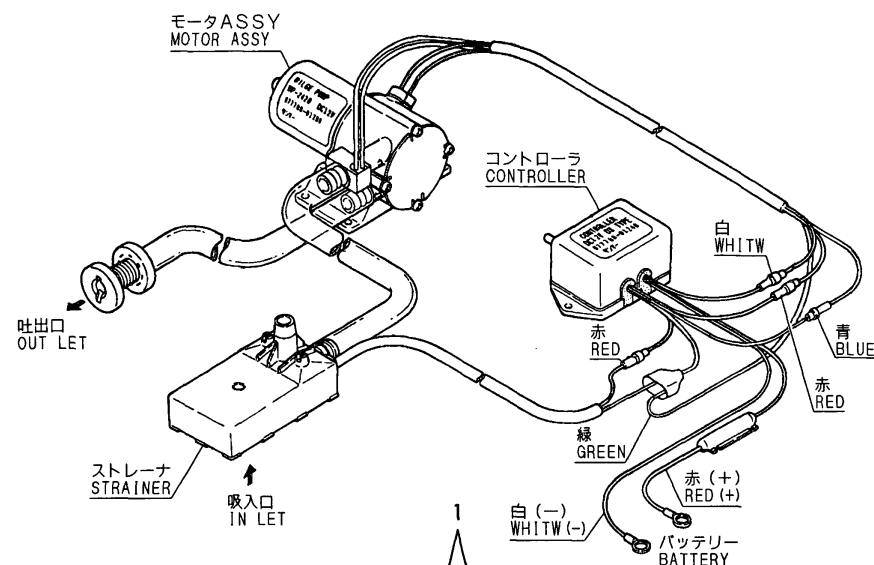
Fig.26 ビルジポンプ (STD, オプション)
BILGE PUMP (STD, OPTIONAL)



OCR10-G49301 26.BILGE PUMP(STD,OPTIONAL)

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	977780-01210	PUMP(12V)BILGE	1	1	1	1				
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				

Fig. **27** ビルジポンプ (DX, オプション)
BILGE PUMP (DX, OPTIONAL)

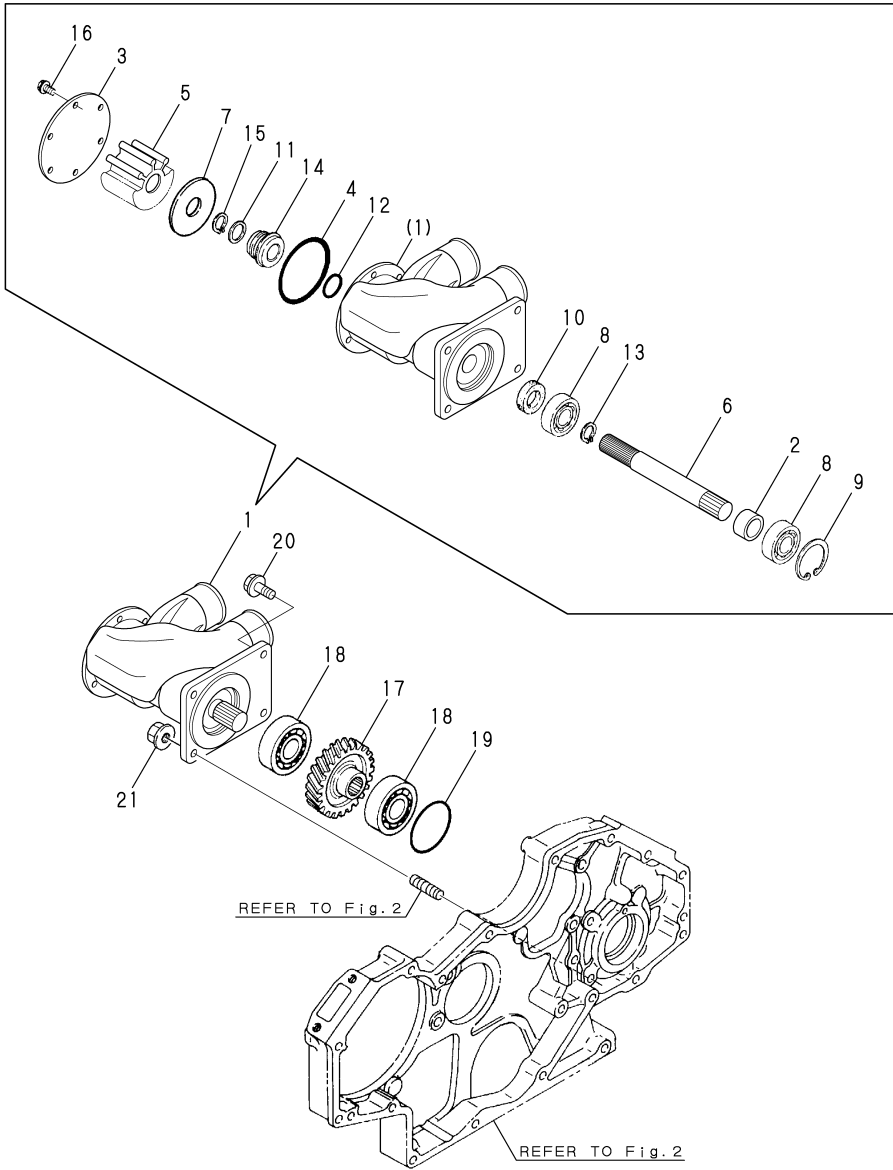


(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	977780-01200	PUMP(12V)BILGE	1	1	1	1				
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				

Fig.28.C.S.W.PUMP(4LHA-DTE,DTZE)

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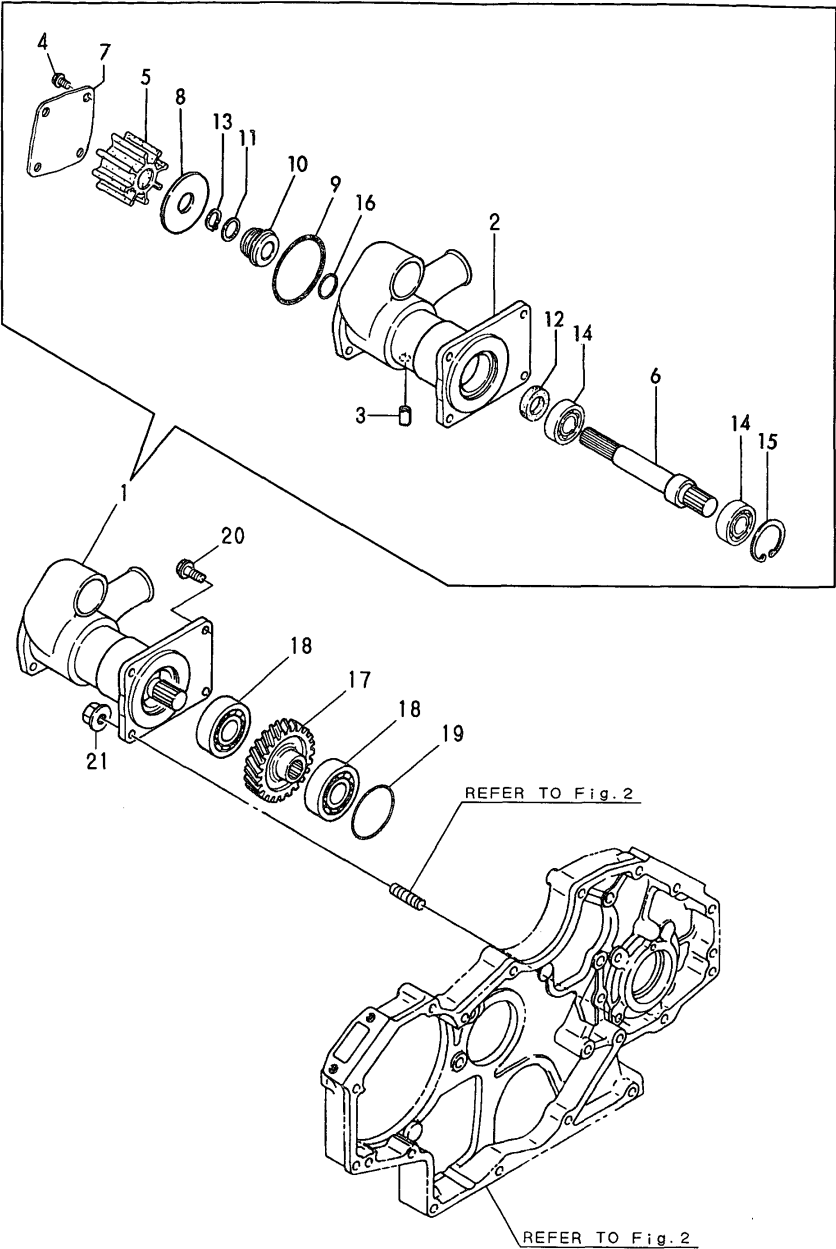
28.C.S.W.PUMP(4LHA-DTE,DTZE)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119175-42500	PUMP,SEA WATER	1	1						
2	2	119175-42550	SPACER	1	1						
3	2	119175-42560	COVER	1	1						
4	2	119175-42570	O-RING	1	1						
5	2	127610-42200	IMPELLER, C. WATER	1	1						
I	5-1	2	120650-42310	IMPELLER	1	1					N
		(A)=*2007.02)	(B)=*2007.02)								
6	2	119175-42510	SHAFT	1	1						
7	2	119175-42520	PLATE	1	1						
8	2	119175-42530	BALL BEARING	2	2						
9	2	119175-42540	RETAINER, BEARING	1	1						
10	2	119175-42580	LIP SEAL	1	1						
11	2	129670-42550	WASH-ER	1	1						
12	2	119175-42610	O-RING	1	1						
13	2	X053421	CIRCLIP	1	1						
14	2	129670-42560	MECHANICAL SHEEL	1	1						
15	2	X0534105	CIRCLIP	1	1						
16	2	119175-42620	SCREW	6	6						
17	1	119100-26200	GEAR Z=27	1	1						
18	1	24101-060064	BALL BEARING	2	2						
19	1	24341-000800	O-RING 1A S-80.0	1	1						
20	1	26106-080202	BOLT M 8X 20 PLATED	2	2						
21	1	26306-080002	NUT	2	2						

Fig.29.C.S.W.PUMP(4LHA-HTE,HTZE)

Fig.29 冷却水ポンプ (海水, 4LHA-HTE, HTZE)
C. S. W. PUMP (4LHA-HTE, HTZE)



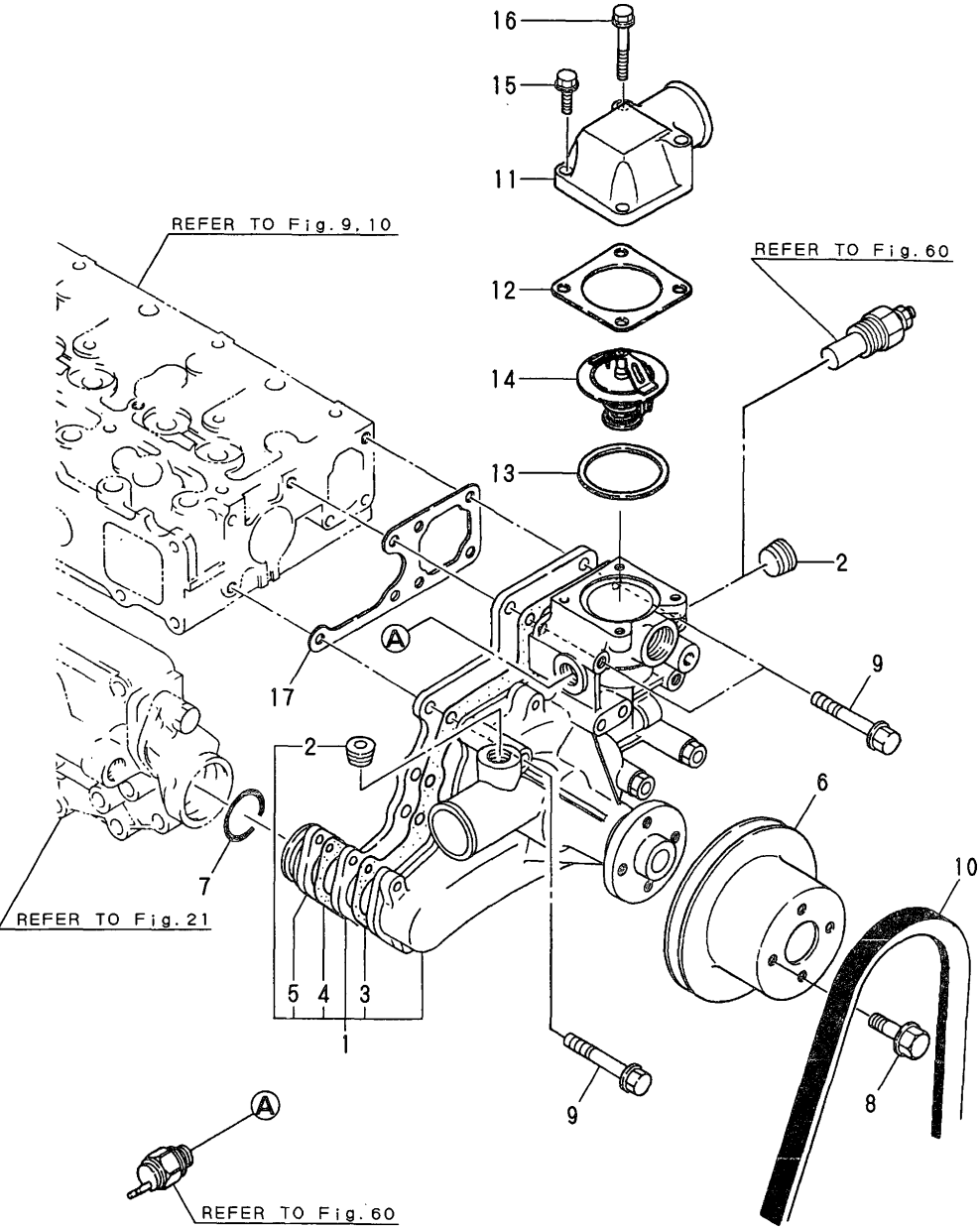
29.C.S.W.PUMP(4LHA-HTE,HTZE)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-42500	PUMP ASSY, C. WATER			1	1				
2	2	119171-42510	BODY, PUMP			1	1				
3	2	126650-42301	JOINT			1	1				
4	2	26113-060102	BOLT M6X10			4	4				
5	2	123325-42020	IMPELLER, C. WATER			1	1				
6	2	119171-42520	SHAFT, IMPELLER			1	1				
7	2	119171-42530	COVER			1	1				
8	2	119171-42540	PLATE			1	1				
9	2	24321-000700	O-RING 1A G70.0,NBR			1	1				
10	2	123472-42060	SEAL, MECHANICAL			1	1				
11	2	123472-42090	COLLAR			1	1				
12	2	123472-42150	OIL SEAL TC203508			1	1				
13	2	123472-42140	CIRCLIP			1	1				
14	2	24104-062044	BALL BEARING			2	2				
15	2	22252-000470	CIRCLIP 47(H)			1	1				
16	2	24313-000200	O-RING 20P			1	1				
17	1	119100-26200	GEAR Z=27			1	1				
18	1	24101-060064	BALL BEARING			2	2				
19	1	24341-000800	O-RING 1A S-80.0			1	1				
20	1	26106-080202	BOLT M8X20 PLATED			4	4				
21	1	26366-080002	NUT M8			2	2				

Fig.30.C.F.W.PUMP

Fig.30 冷却水ポンプ (清水)
C.F.W. PUMP

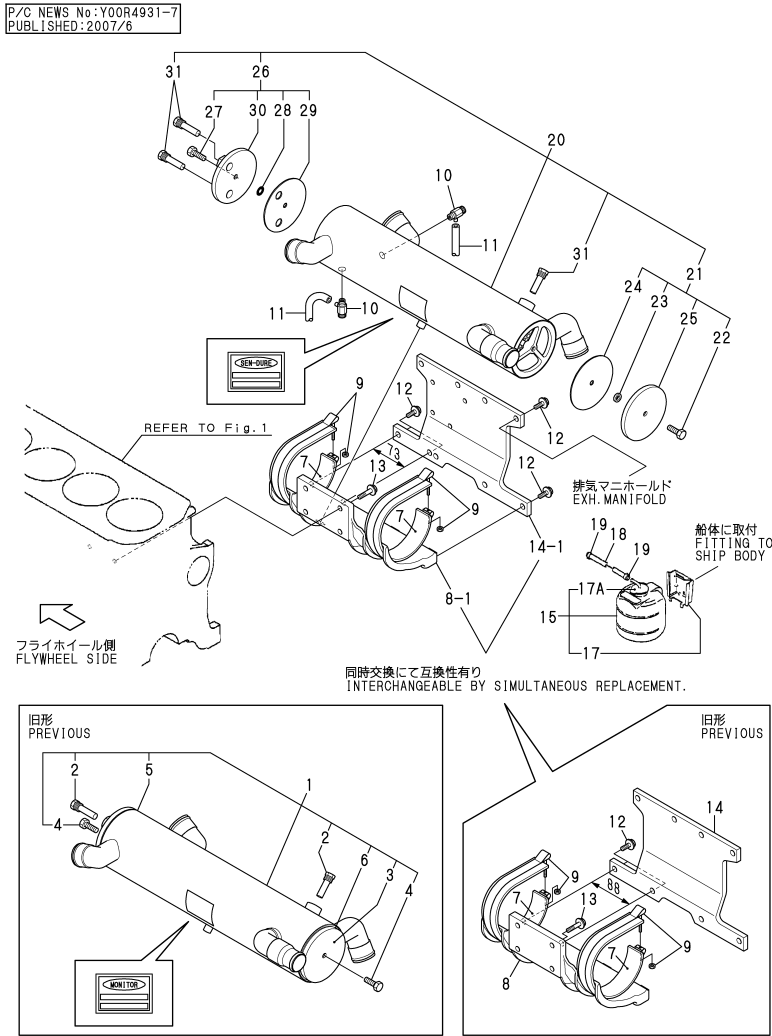


30.C.F.W.PUMP

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-42001	PUMP ASSY, C. WATER	1	1	1	1				
2	2	23871-030000	PLUG PT38, SCREW	2	2	2	2				
3	2	119000-42051	GASKET, PUMP	1	1	1	1				
4	2	119000-42150	GASKET, PUMP	1	1	1	1				
5	2	119000-42141	FLANGE, OUTLET	1	1	1	1				
6	1	121850-42250	V PULLEY	1	1	1	1				
7	1	24311-000360	O-RING 1A P-36.0	1	1	1	1				
8	1	26106-080162	BOLT M 8X 16 PLATED	4	4	4	4				
9	1	26106-080652	BOLT M 8X 65 PLATED	5	5	5	5				
10	1	121850-42280	V-BELT A46	1	1	1	1				
11	1	119171-49530	COVER, THERMOSTAT	1	1	1	1				
12	1	121850-49540	GASKET, THERMOSTAT	1	1	1	1				
13	1	121850-49550	GASKET, THERMOSTAT	1	1	1	1				
14	1	121850-49810	THERMOSTAT	1	1	1	1				
15	1	26106-060202	BOLT M 6X 20 PLATED	2	2	2	2				
16	1	26106-060452	BOLT M 6X 45 PLATED	2	2	2	2				
17	1	119000-42021	GASKET, PUMP	1	1	1	1				

Fig.31.C.F.W.COOLER



Remarks

(1)THERE ARE A KIT AND INTERCHANGEABILITY OF NO.21 OR NO.26.(NOT INTERCHANGEABLE SINGLE PART.) (2)THERE ARE A KIT AND INTERCHANGEABILITY OF NO.26.(NOT INTERCHANGEABLE SINGLE PART.) (3)THERE ARE A KIT AND INTERCHANGEABILITY OF NO.21.(NOT INTERCHANGEABLE SINGLE PART.) (4)IT IS ABOUT 2002 MANUFACTURER CHANGE.(MONITOR CO. -> SEN-DURE CO.)THE PART NUMBER DOESN'T HAVE THE CHANGE.

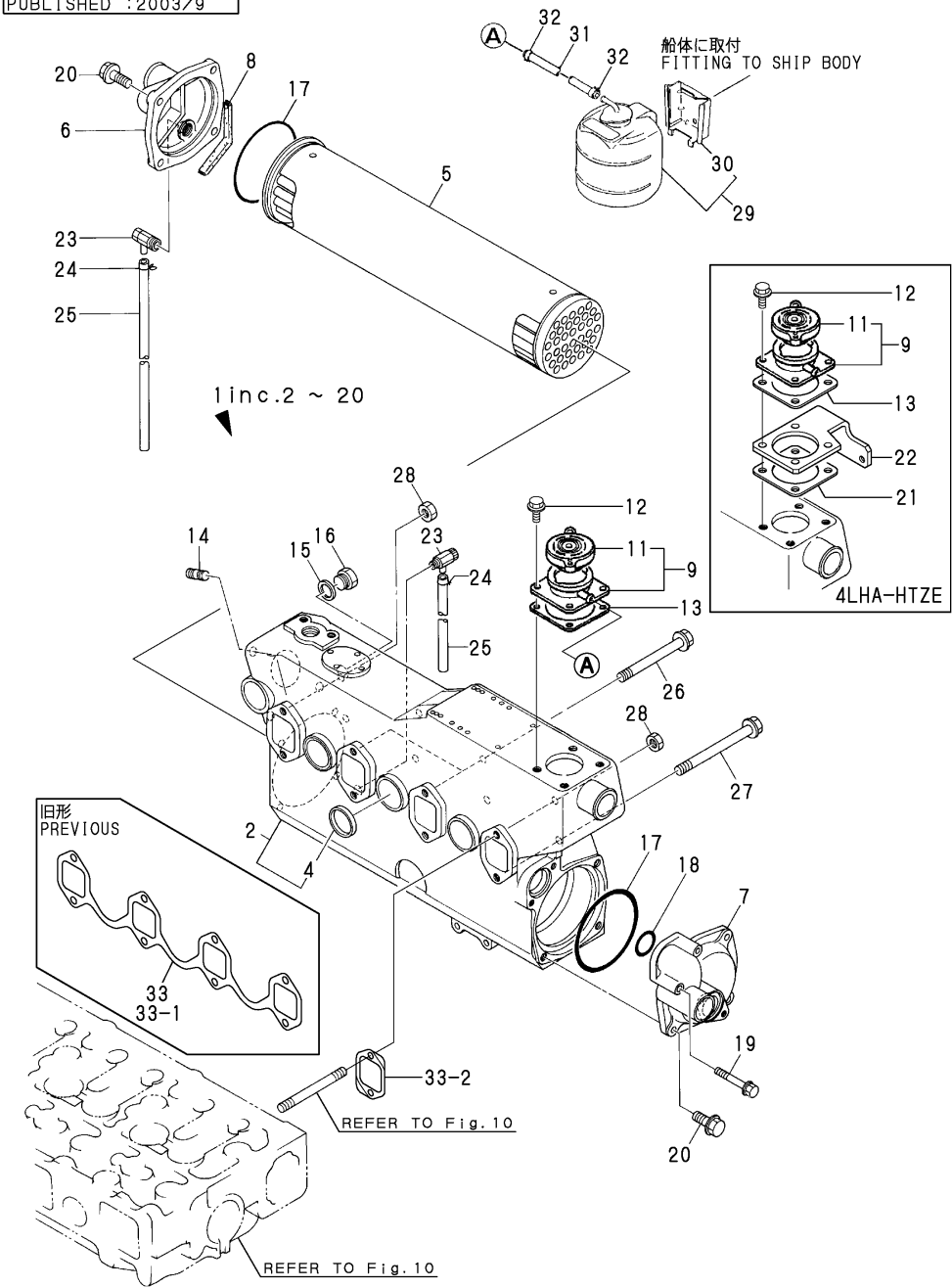
31.C.F.W.COOLER

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	1	1	119175-44080	HEAT EXCHANGER	1	1					4
	2	2	119574-44150	ZINC,ANTI-CORROSIVE	2	2					
I	3	2	119773-33060	COVER B COMP	1	1					3
I	4	2	119574-44180	BOLT,UNC 3/8	2	2					1
I	5	2	119175-33080	GASKET	1	1					2
I	6	2	119773-33080	GASKET F	1	1					3
	7	1	119775-33650	RUBBER SEAT	2	2					
	8	1	119173-44130	BRACKET,HEAT EXCHANG	1	1					
	8-1	1	119173-44131	BRACKET,HEAT EXCHANG	1	1					S
			(A=E/#30133) (B=*1999.08)								
	9	1	119175-44200	CLAMP,T-BOLT	2	2					
	10	1	120130-49350	COCK 1/4	2	2					
	10-1	1	119620-49290	COCK ASSY 1/4	2	2					N
			(A=*2000.04) (B=*2000.04)								
	11	1	23061-070300	PIPE 7X 300	2	2					
	12	1	26106-08022	BOLT M 8X 22 PLATED	8	8					
	13	1	26106-08025	BOLT M 8X 25 PLATED	4	4					
	14	1	119175-44180	SUPPORT,HEAT EXCHANG	1	1					
	14-1	1	119175-44181	SUPPORT,HEAT EXCHANG	1	1					S
			(A=E/#30131) (B=*1999.07)								
	15	1	720445-44200	SUB RESERVOIR ASSY	1	1					
	17	2	120445-44540	BRACKET, SUB-TANK	1	1					
I	17A	2	X0225000630	CAP	1	1					
	18	1	124790-44560	PIPE, C. WATER	1	1					
	19	1	23010-013000	CLAMP 13	2	2					
	20	1	119175-44080	HEAT EXCHANGER	1	1					4
I	21	2	119175-33320	SPARE COVER KIT2	1	1					W
			(A=*2007.04) (B=*2007.04)								
I	22	3	119175-33330	BOLT UNC 3/8-16X5/8	1	1					
I	23	3	119175-33360	RUBBER GASKET	1	1					
I	24	3	119175-33370	4 INCH GASKET	1	1					
I	25	3	119175-33390	SEPARATOR COVER	1	1					
I	26	2	119175-33310	SPARE COVER KIT1	1	1					W
			(A=*2007.04) (B=*2007.04)								
I	27	3	119175-33340	BOLT UNC 3/8-16X3/4	1	1					
I	28	3	119175-33350	O-RING	1	1					
I	29	3	119175-33380	4 INCH GASKET, 2H	1	1					
I	30	3	119175-33400	SEPARATOR COVER,CAST	1	1					
I	31	2	119574-44150	ZINC,ANTI-CORROSIVE	2	2					

Fig.32.C.F.W.COOLER(4LHA-HTE,HTZE)

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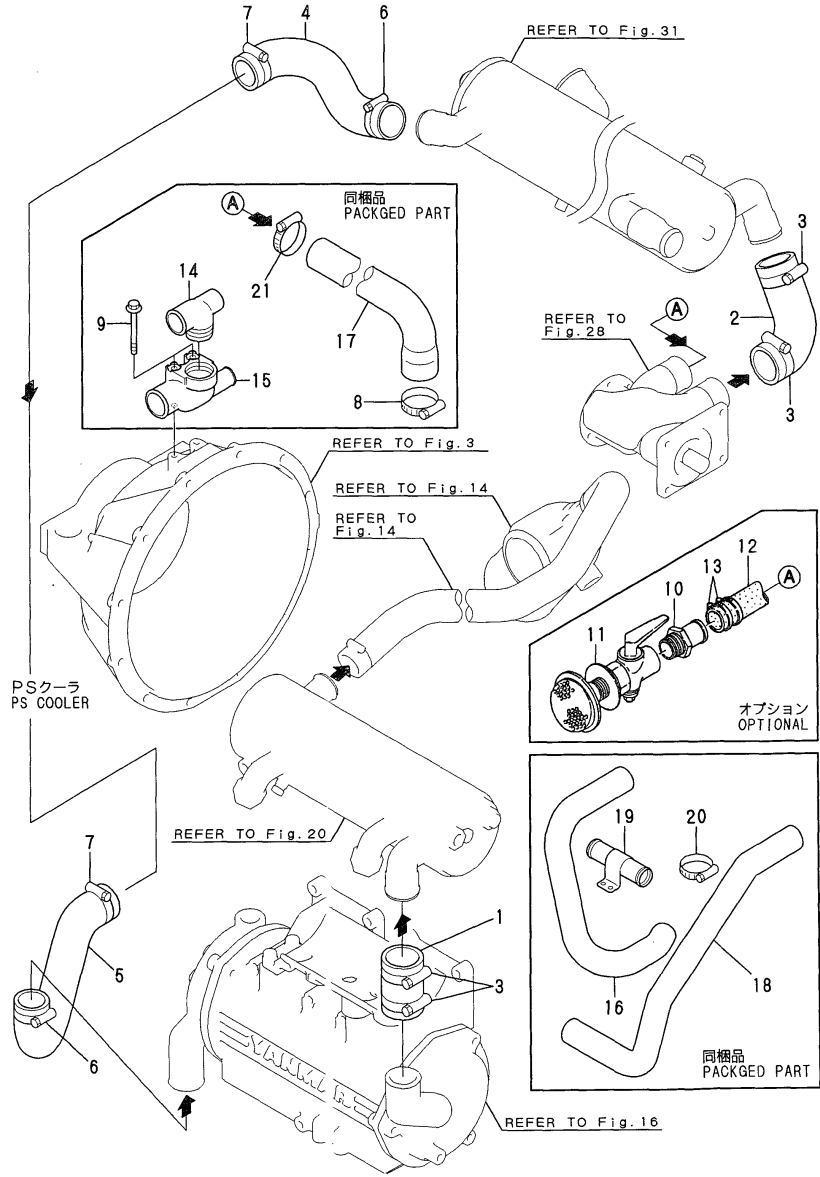
32.C.F.W.COOLER(4LHA-HTE,HTZE)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719172-44500	EXCHANGER ASSY, HEAT			1	1				
2	2	119171-44000	EXCHANGER ASSY, HEAT			1	1				
4	3	27241-280000	PLUG 28			4	4				
I	4-1	3	119773-13160			4	4			N	
			(C=*2003.09) (D=*2003.09)								
5	2	119171-44110	CORE ASSY, COOLER			1	1				
6	2	119172-44440	COVER A			1	1				
7	2	119171-44450	COVER B			1	1				
8	2	119171-44470	GASKET			1	1				
9	2	129171-44600	FILLER ASSY			1	1				
11	3	129107-44590	CAP, RADIATOR			1	1				
12	2	26106-080202	BOLT M8X.20 PLATED			4	4				
13	2	120445-44640	GASKET			1	1				
14	2	26223-100252	STUD M10X.25			2	2				
15	2	23414-170000	GASKET 17, ROUND			1	1				
16	2	23894-030002	PLUG G3/8, HEX.			1	1				
17	2	24311-001000	O-RING 1A P-100.0			2	2				
18	2	24321-000300	O-RING G30			1	1				
19	2	26106-060502	BOLT M6X.50 PLATED			2	2				
20	2	26106-080252	BOLT M8X.25 PLATED			7	7				
21	1	120445-44640	GASKET				1				
22	1	119175-26540	BRACKET, OIL TANK				1				
23	1	119620-49290	COCK ASSY 1/4			2	2				
24	1	124460-77680	RETAINER			2	2				
25	1	23061-070300	PIPE 7X.300			2	2				
26	1	129693-44320	BOLT			2	2				
27	1	119172-44310	BOLT (CFW COOLER)			4	4				
28	1	26306-080002	NUT			2	2				
29	1	120445-44530	SUB RESERVOIR ASSY			1	1				
30	2	120445-44540	BRACKET, SUB-TANK			1	1				
31	1	124790-44560	PIPE, C. WATER			1	1				
32	1	23010-013000	CLAMP 13			2	2				
33	1	119171-13200	GASKET (CFW COOLER)			1	1				
I	33-1	1	119174-13201			1	1			N	
			(C=*2001.06) (D=*2001.06)								
I	33-2	1	119595-13200			4	4			N	
			(C=*2003.09) (D=*2003.09)								

Fig.33.C.S.W.PIPE(4LHA-DTE,DTZE)

Fig.33 冷却水パイプ (海水, 4LHA-DTE, DTZE)
C. S. W. PIPE (4LHA-DTE, DTZE)



Remarks
(1)OPTIONAL
(2)PACKAGED PART.

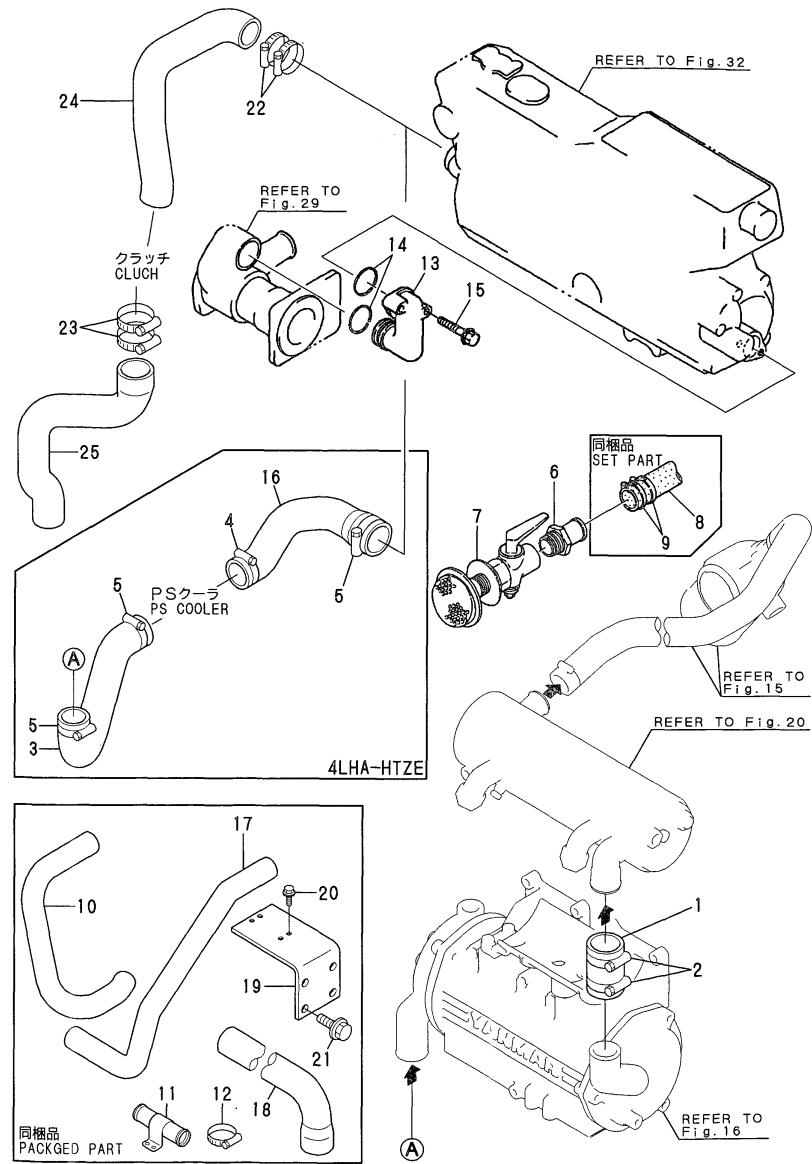
33.C.S.W.PIPE(4LHA-DTE,DTZE)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119173-49030	HOSE,IC OUT	1	1						
2	1	119173-49250	HOSE,SEA WATER	1	1						
3	1	23000-054000	CLAMP 54	4	4						
4	1	119175-49310	HOSE,PS COOLER IN		1						
5	1	119175-49320	HOSE,PS COOLER OUT		1						
6	1	23000-048000	CLAMP 48		2						
7	1	23000-054000	CLAMP 54		2						
8	1	23000-060000	CLAMP 60		1						2
9	1	26106-100802	BOLT M10X 80 PLATED		2						2
10	1	43530-500580	JOINT (25A)	1	1						1
11	1	43662-025030	COCK ASSY, SEA WATER	1	1						1
12	1	23072-122000	HOSE (32/42X2000)	1	1						1
13	1	23000-048000	CLAMP 48	2	2						1
14	1	119773-48640	BEND,90 ELBOW		1						2
15	1	119778-49050	BEND,TRIANGLE		1						2
16	1	119778-49150	HOSE,DRIVE		1						2
17	1	119793-49150	BRACKET,PIPE		1						2
18	1	119778-49170	HOSE,DRIVE		1						2
19	1	119778-49200	TUBE,DRIVE		1						2
20	1	23000-041000	CLAMP 41		4						2
21	1	23000-054000	CLAMP 54	1	1						2

Fig.34.C.S.W.PIPE(4LHA-HTE,HTZE)

Fig.34 冷却水パイプ (海水, 4LHA-HTE, HTZE)
C. S. W. PIPE (4LHA-HTE, HTZE)



Remarks
(1)OPTIONAL
(2)PACKAGED PART.

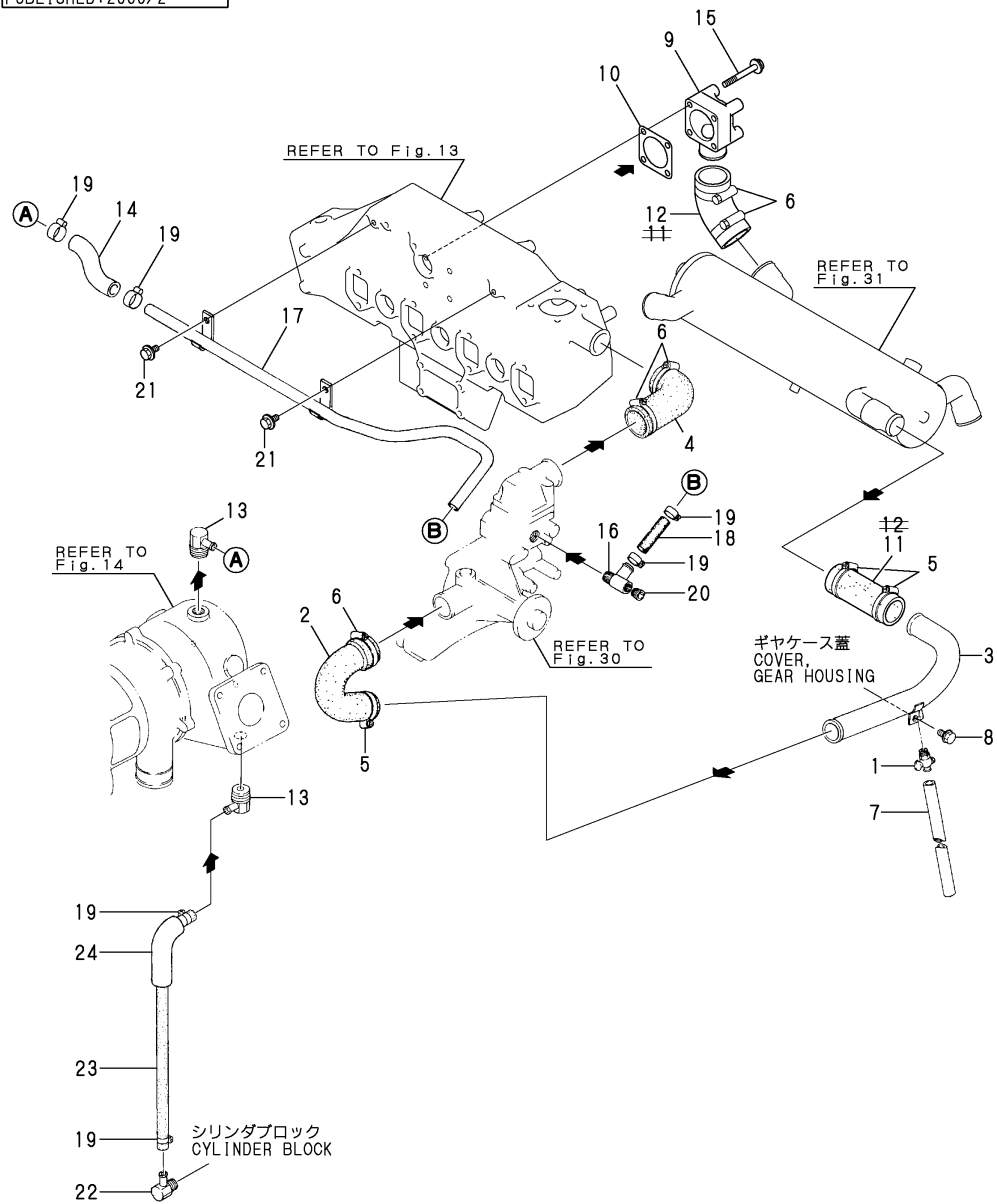
34.C.S.W.PIPE(4LHA-HTE,HTZE)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119173-49030	HOSE,IC OUT			1	1				
2	1	23000-054000	CLAMP 54			2	2				
3	1	119175-49320	HOSE,PS COOLER OUT				1				
4	1	23000-048000	CLAMP 48				1				
5	1	23000-054000	CLAMP 54				3				
6	1	43530-500580	JOINT (25A)			1	1			1	
7	1	43662-025030	COCK ASSY, SEA WATER			1	1			1	
8	1	23072-122000	HOSE (32/42X2000)			1	1			1	
9	1	23000-048000	CLAMP 48			2	2			1	
10	1	119778-49150	HOSE,DRIVE				1			2	
11	1	119778-49200	TUBE,DRIVE				2			2	
12	1	23000-041000	CLAMP 41				6			2	
13	1	119171-49070	BEND			1	1				
14	1	24321-000300	O-RING G30			2	2				
15	1	26106-060352	BOLT M 6X 35 PLATED			2	2				
16	1	119172-49310	HOSE,PS COOLER IN				1				
17	1	119172-49150	HOSE,DRIVE				1			2	
18	1	119172-49160	HOSE,CWSP IN				1			2	
19	1	119172-49180	BRACKET,JOINT				1			2	
20	1	26106-060102	BOLT 6X 10 PLATED				8			2	
21	1	26106-100252	BOLT M10X 25 PLATED				4			2	
22	1	23000-048000	CLAMP 48			2				1	
23	1	23000-054000	CLAMP 54			2				1	
24	1	119172-49600	HOSE,GEAR IN			1				1	
25	1	119172-49610	HOSE,GEAR OUT			1				1	

Fig.35.C.F.W.PIPE(4LHA-DTE,DTZE)

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PUBLISHED:2006/2



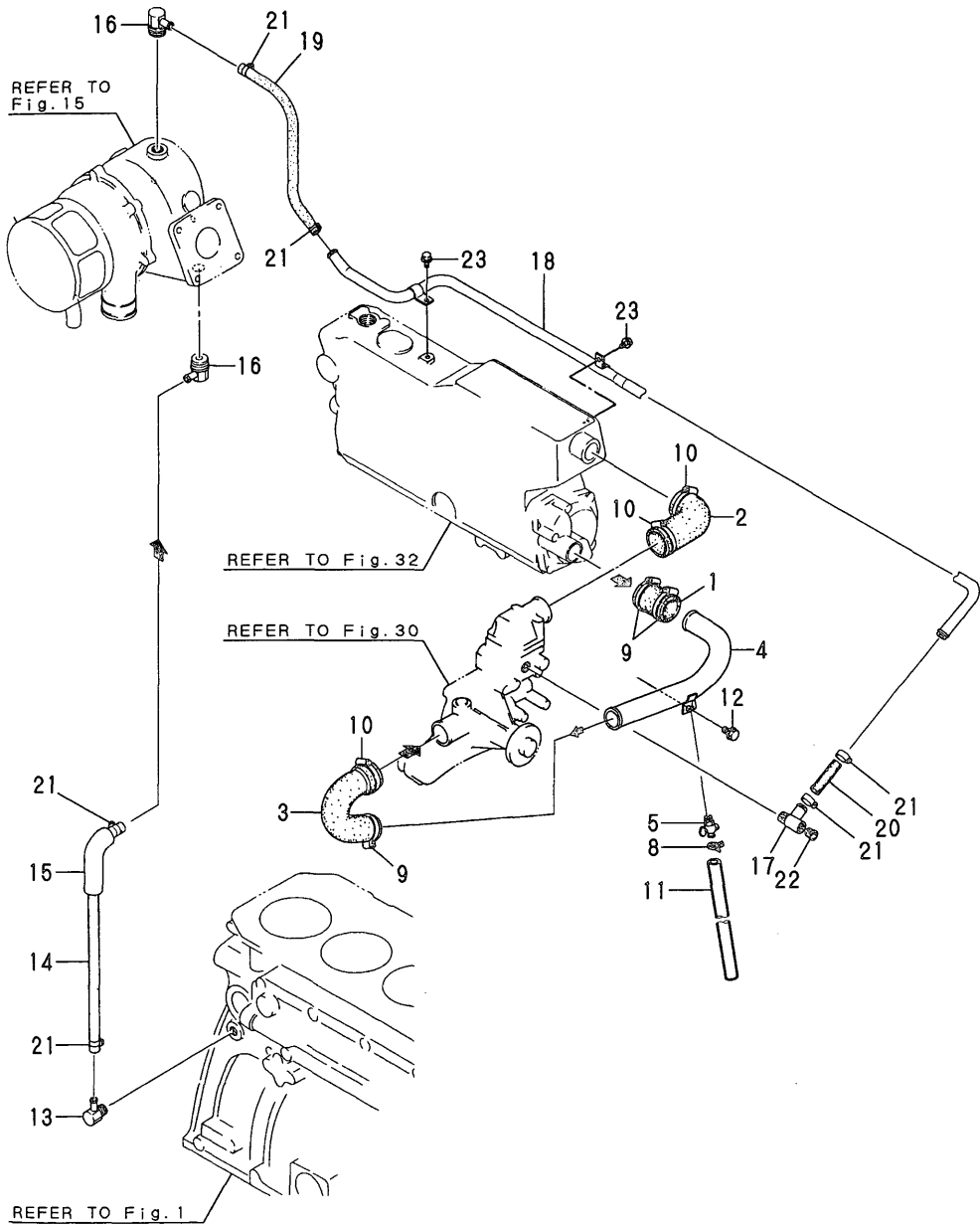
35.C.F.W.PIPE(4LHA-DTE,DTZE)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128695-44090	PEACOCK	1	1						
1-1	1	129670-49290	COCK R1/8 ASSY	1	1						N
		(A=E/#30131)	(B=*1999.07)								
2	1	119171-49240	PIPE	1	1						
3	1	119171-49250	PIPE	1	1						
4	1	119174-49250	PIPE	1	1						
5	1	23000-048000	CLAMP 48	3	3						
6	1	23000-054000	CLAMP 54	5	5						
7	1	23061-070300	PIPE 7X300	1	1						
8	1	26106-080162	BOLT M8X16 PLATED	1	1						
9	1	119173-49100	BEND,FRESH WATER	1	1						
10	1	119175-49120	GASKET, BEND	1	1						
11	1	119173-49150	HOSE,FRESH WATER	1	1						
12	1	119173-49200	HOSE,EXH. OUT	1	1						
13	1	119187-49321	JOINT	2	2						
14	1	119187-49350	PIPE	1	1						
15	1	26106-080652	BOLT M8X65 PLATED	4	4						
16	1	119187-49331	JOINT	1	1						
17	1	119174-49341	PIPE,TURB.THRM.C.F.W	1	1						
18	1	119187-49360	PIPE	1	1						
19	1	23000-025000	CLAMP 25	6	6						
20	1	23871-030000	PLUG PT3/8,SCREW	1	1						
20-1	1	23876-030000	PLUG PT3/8,SCREW	1	1						N
		(A=E/#30101)	(B=E/#30102)								
21	1	26106-080162	BOLT M8X16 PLATED	2	2						
22	1	104407-44480	JOINT	1	1						
23	1	119173-49310	HOSE,T/C IN	1	1						
24	1	119174-49310	PROTECTOR,C.F.W.PIPE	1	1						

Fig.36.C.F.W.PIPE(4LHA-HTE,HTZE)

Fig.36 冷却水パイプ (清水, 4LHA-HTE, HTZE)
C.F.W. PIPE (4LHA-HTE, HTZE)

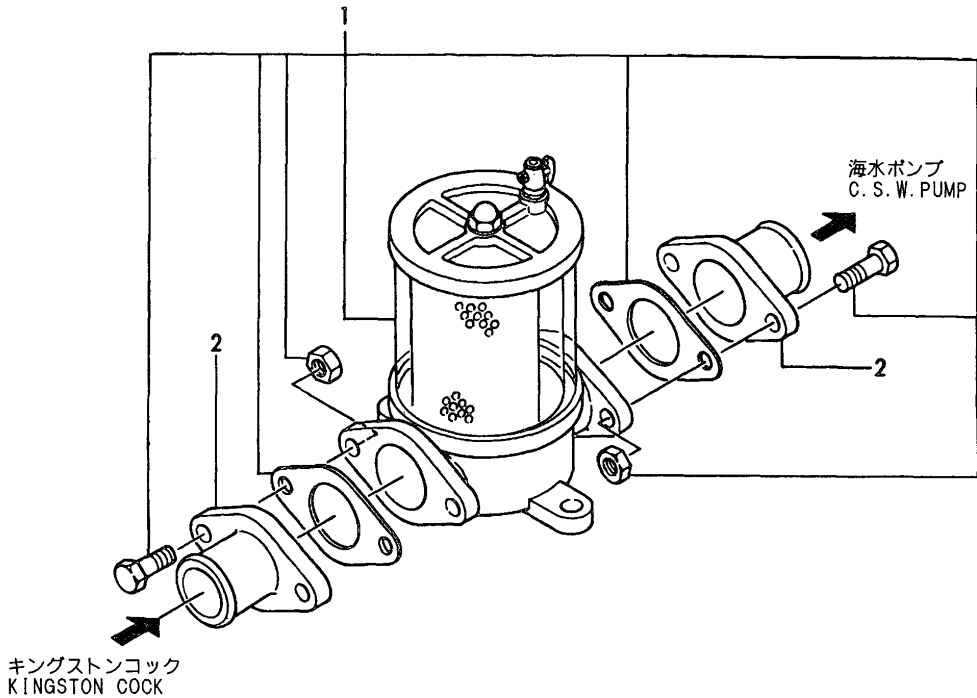


36.C.F.W.PIPE(4LHA-HTE,HTZE)

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	120445-49150	JOINT			1	1				
2	1	119171-49200	PIPE			1	1				
3	1	119171-49240	PIPE			1	1				
4	1	119171-49250	PIPE			1	1				
5	1	129670-49290	COCK R1/8 ASSY			1	1				
8	1	124460-77680	RETAINER			1	1				
9	1	23000-048000	CLAMP 48			3	3				
9-1	1	119172-48480	CLIP, HOSE			3	3				R
(C=FROM 1ST) (D=FROM 1ST)											
10	1	23000-054000	CLAMP 54			3	3				
10-1	1	119172-48540	CLIP, HOSE			3	3				R
(C=FROM 1ST) (D=FROM 1ST)											
11	1	23061-070300	PIPE 7X300			1	1				
12	1	26106-080162	BOLT M 8X16 PLATED			1	1				
13	1	104407-44480	JOINT			1	1				
14	1	119173-49310	HOSE, T/C IN			1	1				
15	1	119174-49310	PROTECTOR, C.F.W. PIPE			1	1				
16	1	119187-49321	JOINT			2	2				
17	1	119187-49331	JOINT			1	1				
18	1	119187-49340	PIPE			1	1				
19	1	119172-49350	PIPE			1	1				
20	1	119187-49360	PIPE			1	1				
21	1	23000-025000	CLAMP 25			6	6				
21-1	1	119172-48250	CLIP, HOSE			6	6				R
(C=FROM 1ST) (D=FROM 1ST)											
22	1	23876-030000	PLUG PT38, SCREW			1	1				
23	1	26106-060122	BOLT M 6X12 PLATED			2	2				

Fig.37.C.S.W.STRAINER(OPTIONAL)

Fig.37 冷却水フィルタ (海水, オプション)
C. S. W. STRAINER (OPTIONAL)



37.C.S.W.STRAINER(OPTIONAL)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	127611-48600	STRAINER, SEA WATER	1	1	1	1				
2	1	119171-48610	JOINT, PIPE	2	2	2	2				

Fig.38.FUEL INJECTION PUMP(4LHA-DTE,DTZE)

Fig.38 燃料噴射ポンプ (4LHA-DTE, DTZE)
FUEL INJECTION PUMP (4LHA-DTE, DTZE)

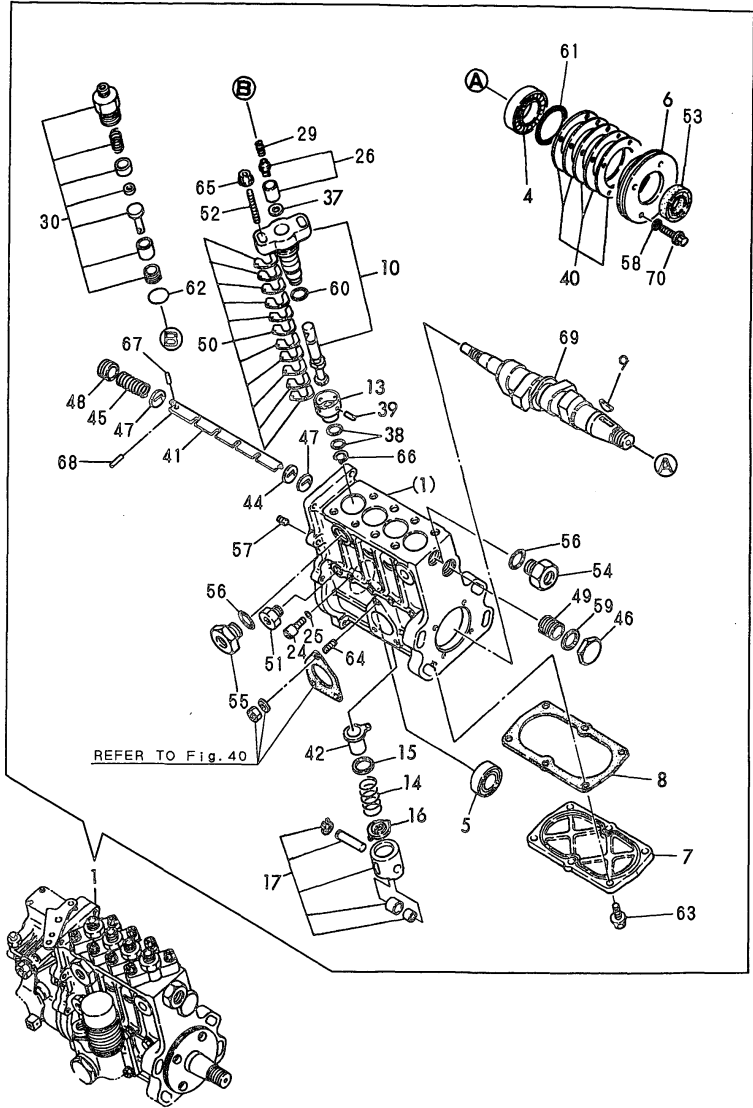
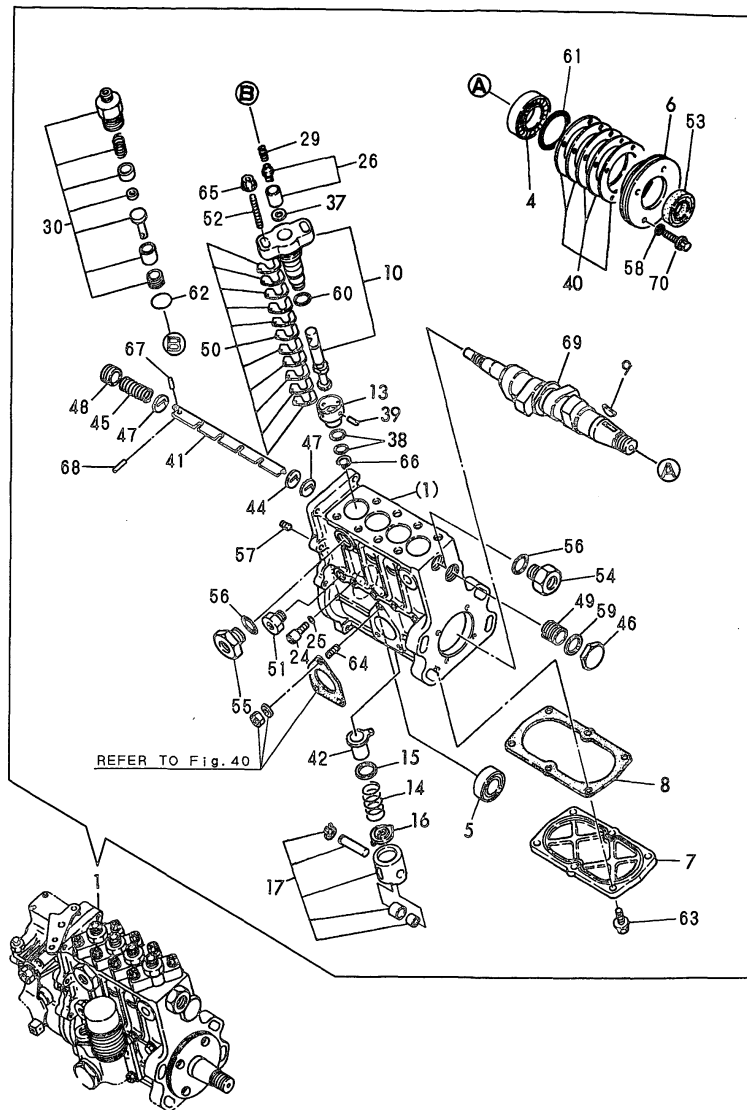


Fig. 38 燃料噴射ポンプ (4LHA-DTE, DTZE)
FUEL INJECTION PUMP (4LHA-DTE, DTZE)



(1) Governor assy(Fig.40) and fuel feed pump assy(Fig.41) is incorporated in this fuel injection pump assy(Ref.No.1)

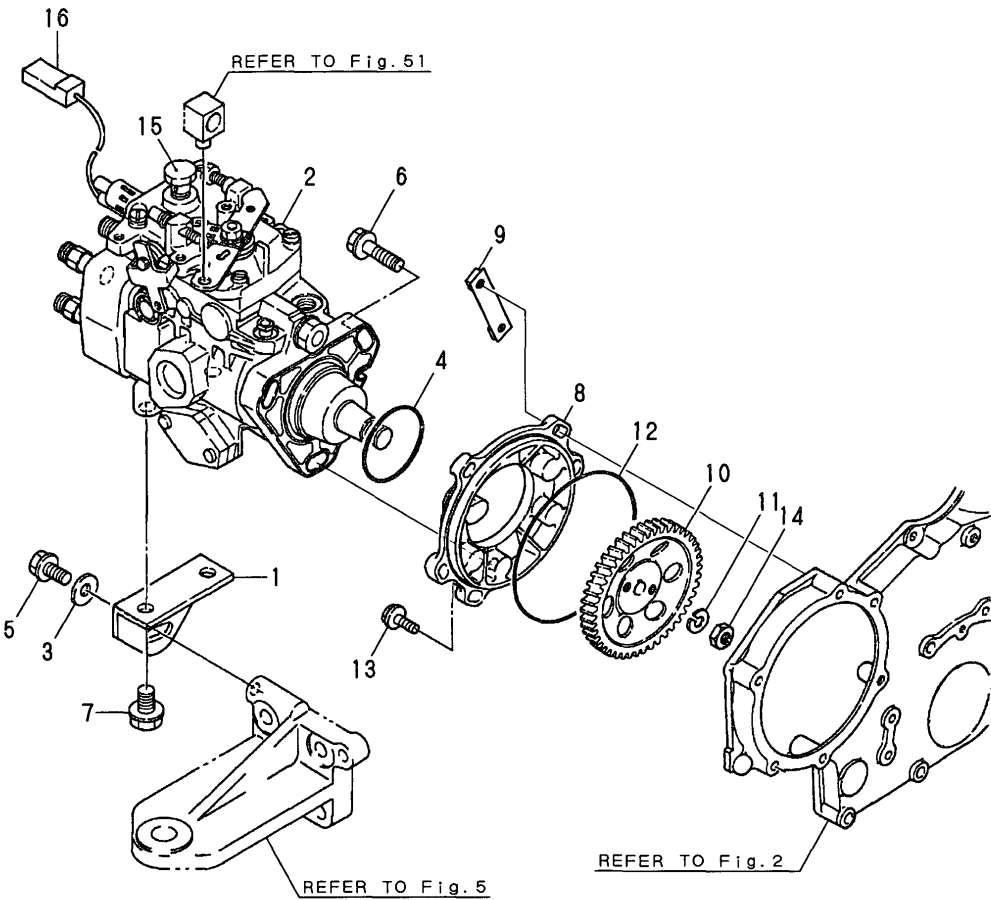
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
67	2	22351-020008	SPRING PIN 2X 8	1	1						
68	2	22351-020012	SPRING PIN 2X 12	1	1						
69	2	119175-51030	CAM SHAFT (FOP)	1	1						
70	2	119175-51070	BOLT M6X20	4	4						

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

Fig.39.FUEL INJECTION PUMP(4LHA-HTE,HTZE)

Fig.39 燃料噴射ポンプ (4LHA-HTE, HTZE)
FUEL INJECTION PUMP (4LHA-HTE, HTZE)



Remarks
(1)OPTIONAL

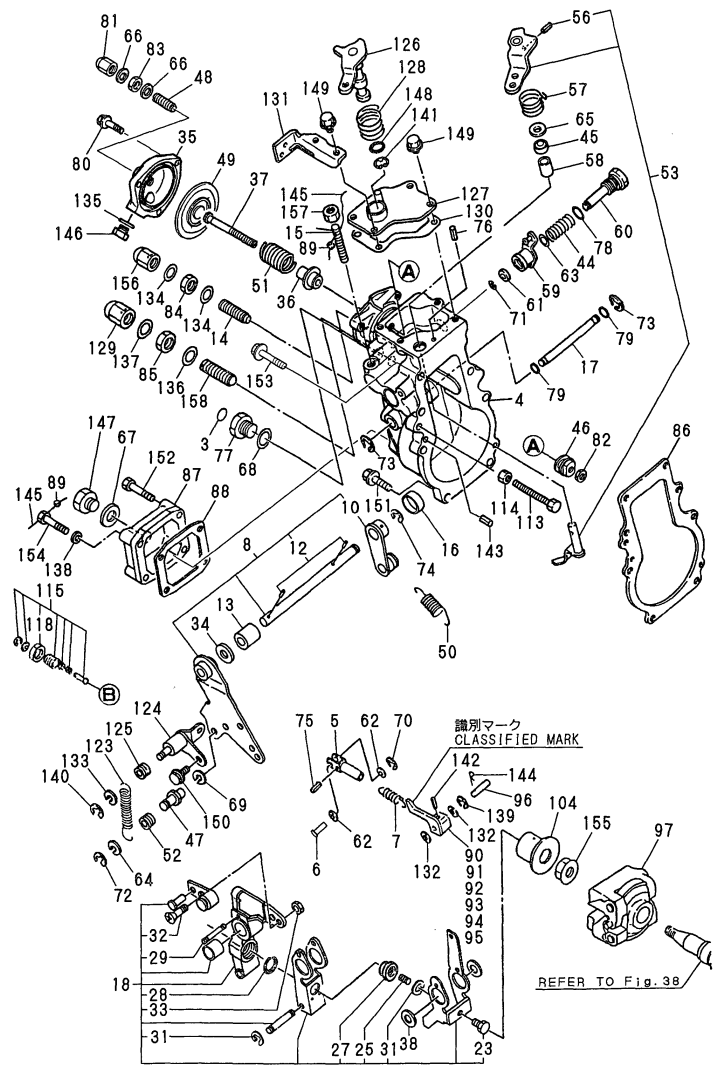
39.FUEL INJECTION PUMP(4LHA-HTE,HTZE)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119171-01980	RETAINER			1	1				
2	1	119172-51931	FP ASSY(VE			1	1				
3	1	106100-55800	WASHER			1	1				
4	1	24341-000500	O-RING 1A S-50.0			1	1				
5	1	26106-080162	BOLT M 8X 16 PLATED			1	1				
6	1	26106-080302	BOLT M 8X 30 PLATED			3	3				
7	1	26106-100162	BOLT M10X 16 PLATED			2	2				
8	1	119171-25910	BRACKET			1	1				
9	1	119000-25920	RETAINER			1	1				
10	1	119171-25920	GEAR			1	1				
11	1	22217-140000	SPRING WASHER 14			1	1				
12	1	24341-001350	O-RING 1A S-135.0			1	1				
13	1	26106-080252	BOLT M 8X 25 PLATED			3	3				
14	1	26776-140002	LOCK NUT M14 PLATED			1	1				
15	1	129693-51990	OVER FLOW VALVE			1	1				1
16	1	119171-67200	SOLENOID, FUEL CUT			1	1				1

Fig.40.GOVERNOR

Fig. 40 ガバナ GOVERNOR



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

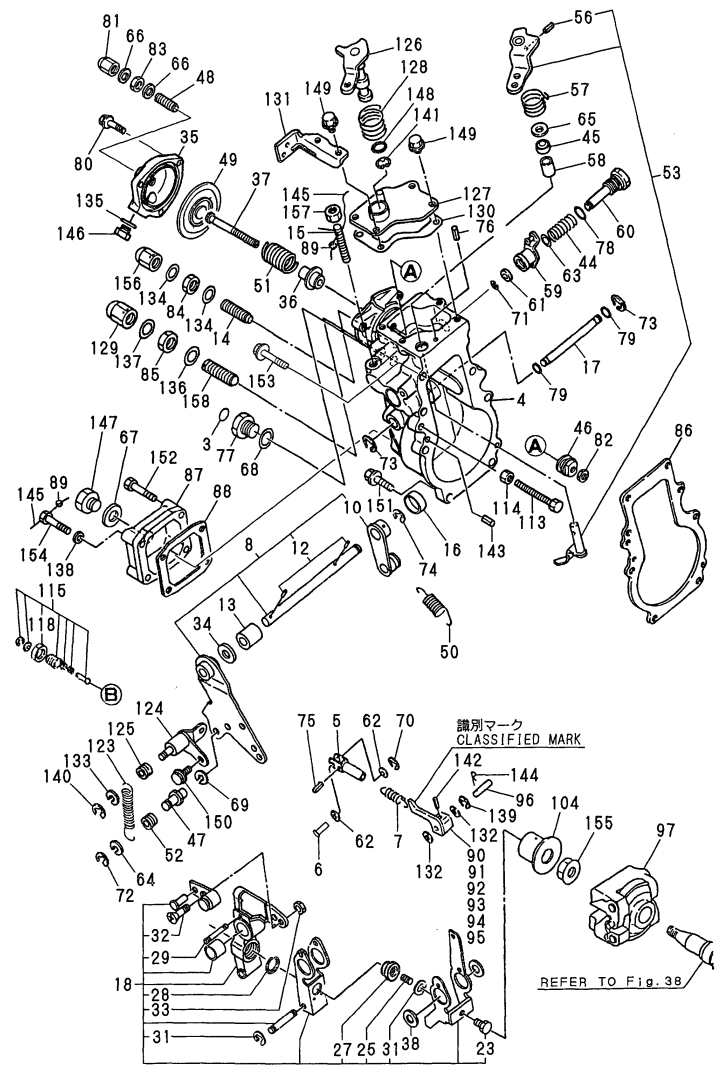
40.GOVERNOR

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	3	124610-51970	LABEL	1	1						
4	3	119573-61010	CASE, GOVERNOR	1	1						
5	3	119000-61120	LINK	1	1						
6	3	119595-61170	PIN	1	1						
7	3	119187-61190	SPRING	1	1						
8	3	119173-61400	LEVER ASSY,	1	1						
10	4	120323-61420	SPRING LEVER, GOV.	1	1						
12	4	22322-030220	TAPER PIN 3X22	2	2						
13	3	120323-61430	BUSH	2	2						
14	3	127695-61450	BOLT, FUEL CONTROL	1	1						
15	3	121850-61470	BOLT, CONTROL	1	1						
16	3	129795-61470	PLUG 20,BORE	1	1						
17	3	119000-61490	SHAFT, GOV. LEVER	1	1						
18	3	119174-61500	LEVER ASSY, GOVERNOR	1	1						
23	4	127495-61540	SHIFTER	1	1						
25	4	120130-61600	SPRING	1	1						
27	4	119187-61911	RETAINER	1	1						
28	4	119187-61920	CIRCLIP	1	1						
29	4	119187-61930	PIN	1	1						
31	4	22272-000040	CIRCLIP E- 4	5	5						
32	4	26577-060162	SCREW M 6X 16	1	1						
33	4	26757-060002	NUT M 6	1	1						
34	3	120320-61540	SEAL SC102004	1	1						
35	3	129595-61600	CASE	1	1						
36	3	129595-61610	BUSH	1	1						
37	3	129595-61620	ROD	1	1						
38	3	119000-61630	SHIM PACK	1	1						
44	3	119593-61650	SPRING	1	1						
45	3	148616-61650	OIL SEAL VC081404	1	1						
46	3	127495-61660	RING	1	1						
47	3	121850-61670	BOLT (B), SPRING	1	1						
48	3	129595-61670	BOLT	1	1						
49	3	129595-61680	DIAPHRAGM	1	1						
50	3	119588-61700	SPRING GOVERNOR	1	1						
51	3	119593-61760	DIAPHRAGM SPRING	1	1						
52	3	144626-61781	PIECE, SPRING	1	1						
53	3	119593-61800	LEVER	1	1						
56	4	22351-030016	SPRING PIN 3X16	1	1						
57	3	119593-61830	SPRING	1	1						
58	3	127695-61840	BUSH	1	1						
59	3	119594-61850	LEVER	1	1						
60	3	119593-61860	SHAFT	1	1						
61	3	119593-61890	INTERMEDIATE	1	1						
62	3	22117-050000	WASHER 5	2	2						
63	3	22117-080000	WASHER 8	1	1						
64	3	22117-080000	WASHER 8	1	1						
65	3	22137-080000	WASHER 8, POLISHED	1	1						
66	3	22190-080000	SEAL WASHER 8(BOLT)	2	2						
67	3	22190-120002	SEAL WASHER 12	1	1						
68	3	22190-160002	SEAL WASHER 16S	1	1						
69	3	22217-080000	SPRING WASHER 8	1	1						

Fig.40.GOVERNOR

Fig. 40 ガバナ GOVERNOR



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

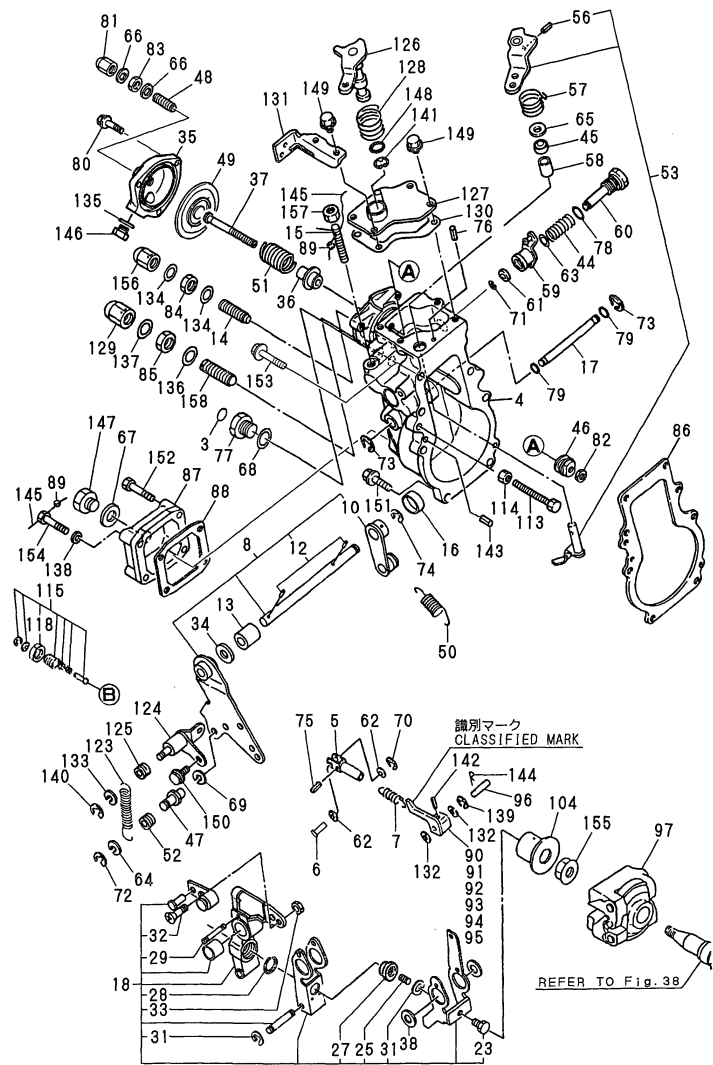
40.GOVERNOR

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
70	3	22272-000040	CIRCLIP E- 4	1	1						
71	3	22272-000060	CIRCLIP E- 6	1	1						
72	3	22272-000080	CIRCLIP E- 8	1	1						
73	3	22272-000080	CIRCLIP E- 8	2	2						
74	3	22272-000080	CIRCLIP E- 8	1	1						
75	3	22351-030016	SPRING PIN 3X16	1	1						
76	3	22492-060362	PIN 6X36	1	1						
77	3	23887-160002	PLUG 16)HEX.	1	1						
78	3	24311-000120	O-RING 1A P 120	1	1						
79	3	24341-000080	O-RING 1A S-8.0	2	2						
80	3	26106-060182	BOLT M 6X 18 PLATED	3	3						
81	3	26667-080002	CAP NUT M 8	1	1						
82	3	26756-060002	LOCK NUT 6	1	1						
83	3	26756-080002	LOCK NUT M 8 PLATED	1	1						
84	3	26756-080002	LOCK NUT M 8 PLATED	1	1						
85	3	26777-120002	NUT 12	1	1						
86	2	119000-61051	GASKET, CASE	1	1						
86-1	2	119000-61052	GASKET, CASE	1	1						R
		(A)=E/#50507	(B)=*1998.11								
87	2	119187-61071	HOUSING, GOVERNOR.	1	1						
88	2	127695-61071	GASKET, COVER	1	1						
89	2	135210-61090	LEAD	3	3						
90	2	119593-61100	LINK	1	1						1
91	2	119593-61110	LINK	1	1						2
92	2	119593-61120	LINK	1	1						3
93	2	119593-61130	LINK (RACK. 10.5	1	1						4
94	2	119593-61140	LINK (RACK. 11.5	1	1						5
95	2	119593-61150	LINK (RACK. 12.5	1	1						6
96	2	119000-61180	PIN, LINK	1	1						
97	2	119173-61200	WEIGHT ASSY, GOV.	1	1						
104	2	119187-61300	SLEEVE ASSY	1	1						
113	2	171353-61460	BOLT, IDLE LIMIT	1	1						
114	2	119000-61470	NUT	1	1						
115	2	119174-61550	ANGLE CH ASSY	1	1						
118	3	124616-61580	NUT	1	1						
123	2	119173-61651	SPRING	1	1						
124	2	119173-61660	SUPPORT	1	1						
125	2	144626-61781	PIECE, SPRING	1	1						
126	2	119593-61900	LEVER	1	1						
127	2	119593-61910	COVER	1	1						
128	2	119593-61920	SPRING	1	1						
129	2	129100-61930	NUT, CAP	1	1						
130	2	127695-61961	GASKET, COVER	1	1						
131	2	119593-61990	BRACKET	1	1						
132	2	22117-050000	WASHER 5	2	2						
133	2	22117-080000	WASHER 8	1	1						
134	2	22190-080002	SEAL WASHER 8S	2	2						
135	2	22190-100002	SEAL WASHER 10S	1	1						
136	2	22190-120002	SEAL WASHER 12	1	1						
137	2	22190-120002	SEAL WASHER 12	1	1						
138	2	22217-060000	SPRING WASHER 6	1	1						

Fig.40.GOVERNOR

Fig. 40 ガバナ GOVERNOR



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

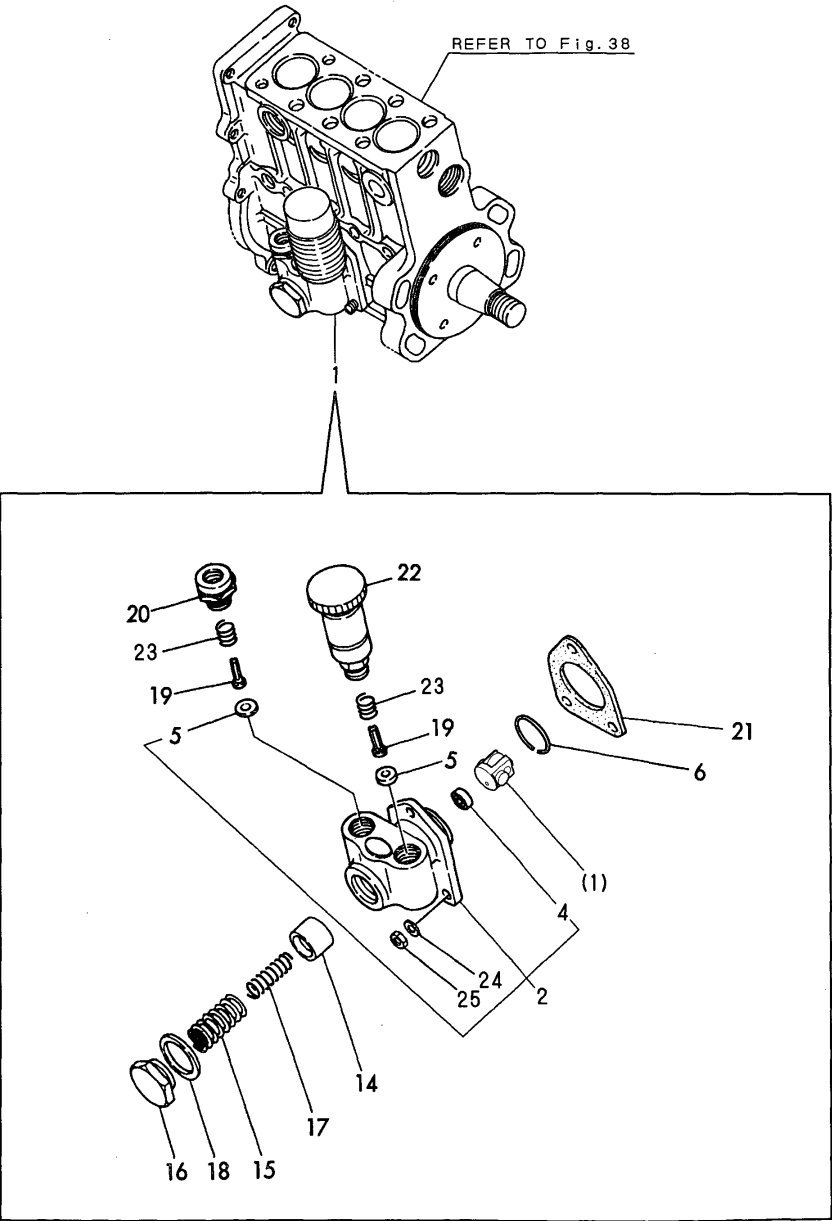
40.GOVERNOR

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
139	2	22272-000040	CIRCLIP E- 4	1	1						
140	2	22272-000060	CIRCLIP E- 6	1	1						
141	2	22272-000100	CIRCLIP E-10	1	1						
142	2	22351-030025	SPRING PIN 3X25	1	1						
143	2	22351-050020	SPRING PIN 5X20	2	2						
144	2	22372-050000	SNAP PIN JASO 5	1	1						
145	2	22453-060000	WIRE 0.6X1000	3	3						
146	2	23887-100002	PLUG 10	1	1						
147	2	23887-120002	PLUG M12HEX.	1	1						
148	2	24311-000110	O-RING 1A P-11.0	1	1						
149	2	26106-060122	BOLT M 6X 12 PLATED	4	4						
150	2	26106-060122	BOLT M 6X 12 PLATED	1	1						
151	2	26106-060222	BOLT M 6X 22 PLATED	6	6						
152	2	26106-060302	BOLT M 6X 30 PLATED	3	3						
153	2	26106-060402	BOLT M 6X 40 PLATED	1	1						
154	2	26116-060302	BOLT M 6X 30 PLATED	1	1						
I 154-1	2	26116-060306	BOLT M 6X 30 PLATED	1	1						N
155	2	26376-120002	U-NUT M12	1	1						
156	2	26667-080002	CAP NUT M 8	1	1						
157	2	26756-080002	LOCK NUT M 8 PLATED	1	1						
158	2	26911-080402	SCREW	1	1						

Fig.41.FUEL FEED PUMP

Fig.41 燃料フィードポンプ
FUEL FEED PUMP

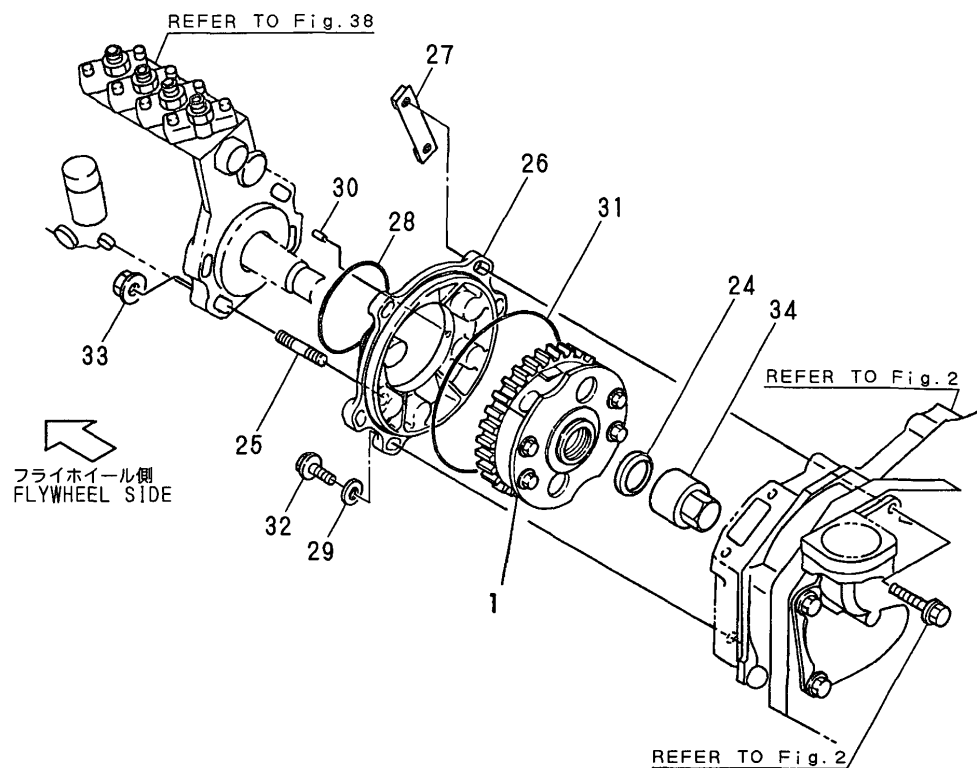


41.FUEL FEED PUMP

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119593-52000	PUMP ASSY, FUEL FEED	1	1						
2	2	121820-52020	HOUSING ASSY, FEED P	1	1						
4	3	121820-52040	SEAL, OIL	1	1						
5	3	121820-52050	GASKET	2	2						
6	2	121820-52070	PIN, SNAP	1	1						
14	2	135200-52170	PISTON	1	1						
15	2	119588-52180	SPRING, PISTON	1	1						
16	2	119588-52190	PLUG	1	1						
17	2	119593-52180	SPRING, PISTON	1	1						
18	2	121820-52200	GASKET	1	1						
19	2	121820-52210	VALVE	2	2						
20	2	121820-52230	ADAPTER	1	1						
21	2	124410-51861	GASKET	1	1						
22	2	121820-52300	PUMP, PRIMING	1	1						
23	2	121820-52510	SPRING, VALVE	2	2						
24	2	22217-060000	SPRING WASHER 6	3	3						
25	2	26716-060002	NUT 6	3	3						

Fig. 42 タイマ (4LHA-DTE, DTZE)
TIMER (4LHA-DTE, DTZE)

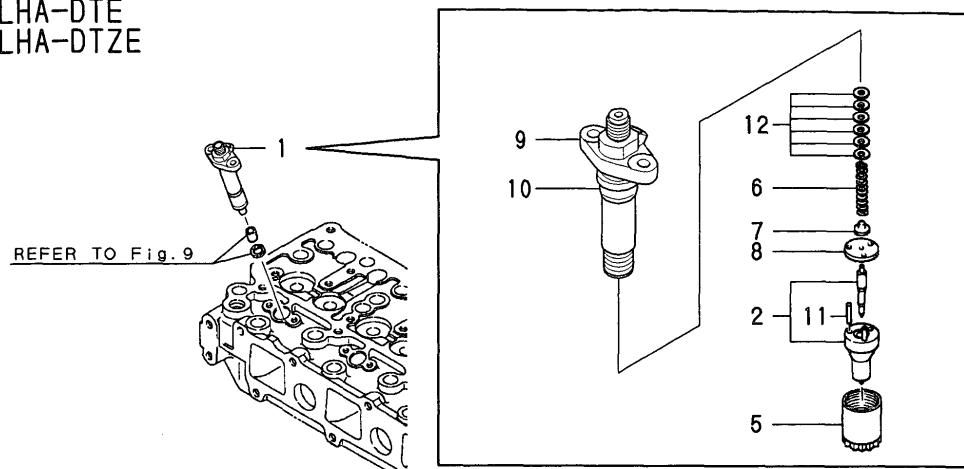


(D)=4LHA-HTZE
(E)=
(F)=

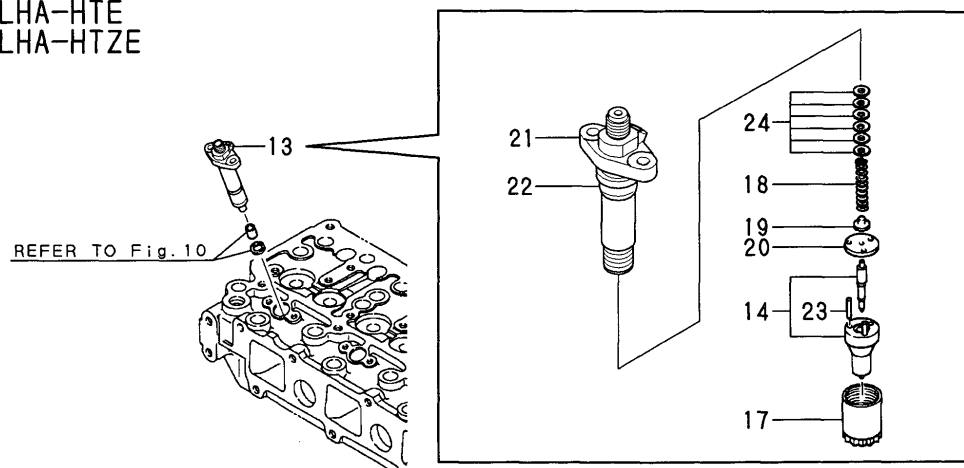
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719588-54800	TIMER ASSY	1	1						
24	1	144606-54910	WASHER	1	1						
25	1	121850-01900	STUD M10X 32	4	4						
26	1	119000-25910	MOUNT, FUEL INJ.PUMP	1	1						
27	1	119000-25920	RETAINER	1	1						
28	1	124410-51960	O-RING	1	1						
29	1	106100-55800	WASHER	3	3						
30	1	22351-050012	PIN 5X12,SPRING	1	1						
31	1	24341-001350	O-RING 1A S-135.0	1	1						
32	1	26106-080252	BOLT M 8X 25 PLATED	3	3						
33	1	26366-100002	NUT M10	4	4						
34	1	144606-54900	CAP NUT	1	1						

Fig. 43 燃料噴射弁
FUEL INJECTION VALVE

4LHA-DTE
4LHA-DTZE



4LHA-HTE
4LHA-HTZE



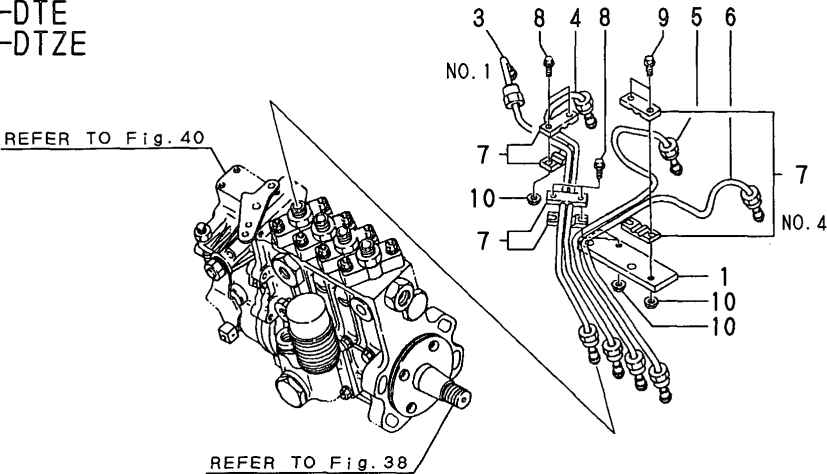
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719173-53200	VALVE ASSY,FINJECT	4	4						
2	2	119173-53050	NOZZLE ASSY	4	4						
5	2	114250-53080	NUT, NOZZLE CASE	4	4						
6	2	114250-53120	SPRING, NOZZLE	4	4						
7	2	114250-53130	SEAT, NOZZLE SPRING	4	4						
8	2	114250-53140	PLATE, STOP	4	4						
9	2	119045-53100	BODY, NOZZLE HOLDER	4	4						
10	2	129470-11920	GASKET	4	4						
11	2	114250-53210	PIN	8	8						
12	2	114250-53400	SHIM PACK	4	4						
13	1	719172-53200	VALVE ASSY,FINJECT			4	4				
14	2	119172-53050	NOZZLE			4	4				
17	2	114250-53080	NUT, NOZZLE CASE			4	4				
18	2	114250-53120	SPRING, NOZZLE			4	4				
19	2	114250-53130	SEAT, NOZZLE SPRING			4	4				
20	2	114250-53140	PLATE, STOP			4	4				
21	2	119045-53100	BODY, NOZZLE HOLDER			4	4				
22	2	129470-11920	GASKET			4	4				
23	2	114250-53210	PIN			8	8				
24	2	114250-53400	SHIM PACK			4	4				

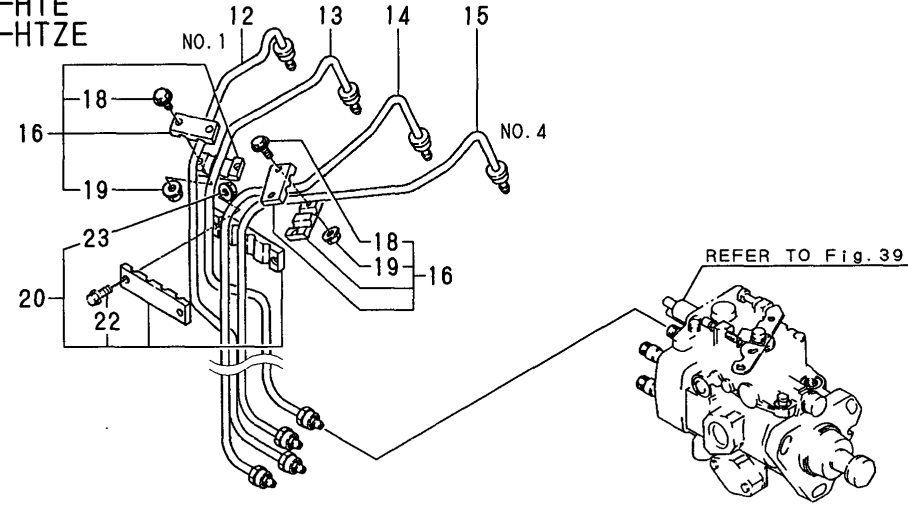
Fig.44.FUEL INJECTION PIPE

Fig.44 燃料噴射パイプ FUEL INJECTION PIPE

4LHA-DTE
4LHA-DTZE



4LHA-HTE
4LHA-HTZE



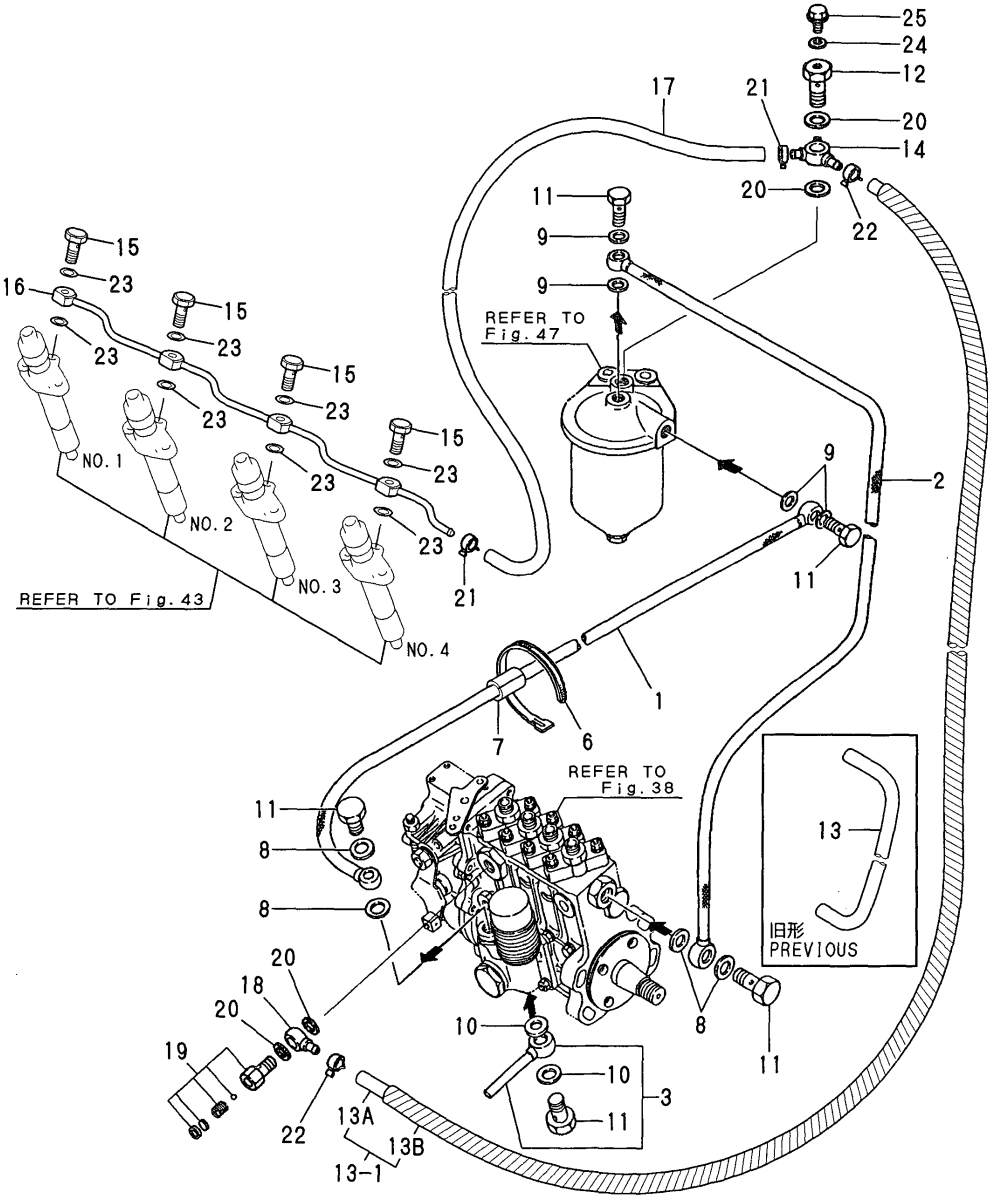
44.FUEL INJECTION PIPE

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119181-59120	BRACKET,STEADY REST	1	1						
3	1	119173-59810	PIPE CMP #1 F.O.INJ.	1	1						
4	1	119173-59820	PIPE CMP #2 F.O.INJ.	1	1						
5	1	119173-59830	PIPE CMP #3 F.O.INJ.	1	1						
6	1	119173-59840	PIPE CMP #4 F.O.INJ.	1	1						
7	1	122780-59100	RETAINER	6	6						
8	1	26106-060202	BOLT M 6X 20 PLATED	4	4						
9	1	26106-060252	BOLT M 6X 25 PLATED	2	2						
10	1	26366-060002	NUT M 6	2	2						
12	1	119172-59810	PIPE CMP #1 F.O.INJ.			1	1				
13	1	119172-59820	PIPE CMP #2 F.O.INJ.			1	1				
14	1	119172-59830	PIPE CMP #3 F.O.INJ.			1	1				
15	1	119172-59840	PIPE CMP #4 F.O.INJ.			1	1				
16	1	122780-59080	RETAINER			2	2				
18	2	26106-060202	BOLT M 6X 20 PLATED			4	4				
19	2	26366-060002	NUT M 6			4	4				
20	1	123472-59090	RETAINER			1	1				
22	2	26106-060202	BOLT M 6X 20 PLATED			2	2				
23	2	26366-060002	NUT M 6			2	2				

Fig.45.FUEL PIPE

Fig.45 燃料パイプ (4LHA-DTE, DTZE)
FUEL PIPE (4LHA-DTE, DTZE)



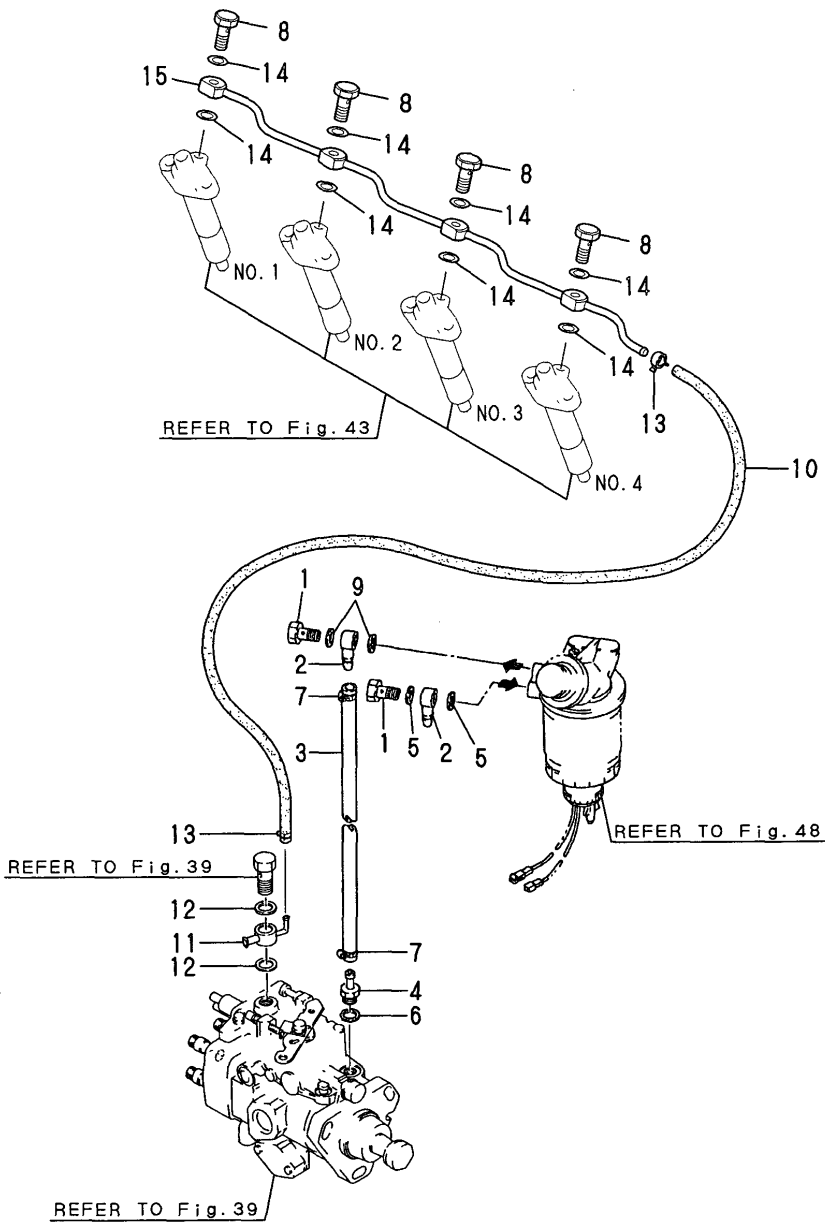
45.FUEL PIPE

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119187-59011	PIPE, FUEL	1	1						
I 1-1	1	119187-59012	PIPE, FUEL	1	1						N
		(A=*1998.12)	(B=*1998.12)								
2	1	119187-59020	PIPE, FUEL	1	1						
I 2-1	1	119187-59021	PIPE, FUEL OIL	1	1						N
		(A=*1998.12)	(B=*1998.12)								
3	1	123325-59420	PIPE ASSY	1	1						
6	1	121750-59890	CLAMP 140	1	1						
7	1	124770-77940	PROTECTOR	1	1						
8	1	22190-140002	SEAL WASHER 14S	4	4						
9	1	22190-140002	SEAL WASHER 14S	4	4						
I 10	1	23414-140000	GASKET 14, ROUND	2	2						Z
		(A=EXXX)	(B=EXXX)								
I 10-1	1	22190-140002	SEAL WASHER 14S	2	2						N
		(A=EXXX)	(B=EXXX)								
11	1	23857-080000	JOINT BOLT 8, PIPE	5	5						
12	1	129495-59300	BOLT, PIPE JOINT	1	1						
I 13	1	119187-59532	PIPE, FUEL OIL	1	1						N
		(A=*1998.12)	(B=*1998.12)								
I 13-1	1	119173-59540	PIPE, FUEL RETURN	1	1						R
		(A=E/#30133)	(B=*1999.08)								
I 13A	2	119187-59532	PIPE, FUEL OIL	1	1						
I 13B	2	119173-59460	REOTECTOR, FUEL PIPE	1	1						W
		(A=E/#30133)	(B=*1999.08)								
14	1	129470-59530	JOINT, FUEL RETN PIPE	1	1						
I 14-1	1	119175-59500	JOINT, FUEL RETN PIPE	1	1						N
		(A=*1999.11)	(B=*1999.11)								
15	1	129491-59540	BOLT 6, PIPE JOINT	4	4						
16	1	119175-59550	FOP CMP	1	1						
17	1	129495-59561	PIPE L190	1	1						
I 17-1	1	129495-59563	PIPE, FUEL OIL	1	1						N
		(A=*1998.12)	(B=*1998.12)								
I 17-2	1	119175-59560	PIPE, FUEL	1	1						N
		(A=E/#30101)	(B=E/#30102)								
18	1	121750-59910	JOINT 14, PIPE	1	1						
19	1	119181-59950	VALVE ASSY, CHECK	1	1						
20	1	22190-140002	SEAL WASHER 14S	4	4						
I 21	1	23000-016000	CLAMP 16	2	2						N
		(A=*1998.12)	(B=*1998.12)								
I 22	1	23000-016000	CLAMP 16	2	2						R
		(A=E/#30101)	(B=E/#30102)								
23	1	23414-060000	GASKET 6, ROUND	8	8						
I 23-1	1	22190-060002	SEAL WASHER 6S	8	8						N
		(A=*2000.03)	(B=*2000.03)								
24	1	23414-080000	GASKET 8, ROUND	1	1						
I 24-1	1	22190-080002	SEAL WASHER 8S	1	1						N
		(A=*2000.03)	(B=*2000.03)								
25	1	26106-080102	BOLT M 8X10 PLATED	1	1						

Fig.46.FUEL PIPE(4LHA-HTE,HTZE)

Fig.46 燃料パイプ (4LHA-HTE, HTZE)
FUEL PIPE (4LHA-HTE, HTZE)

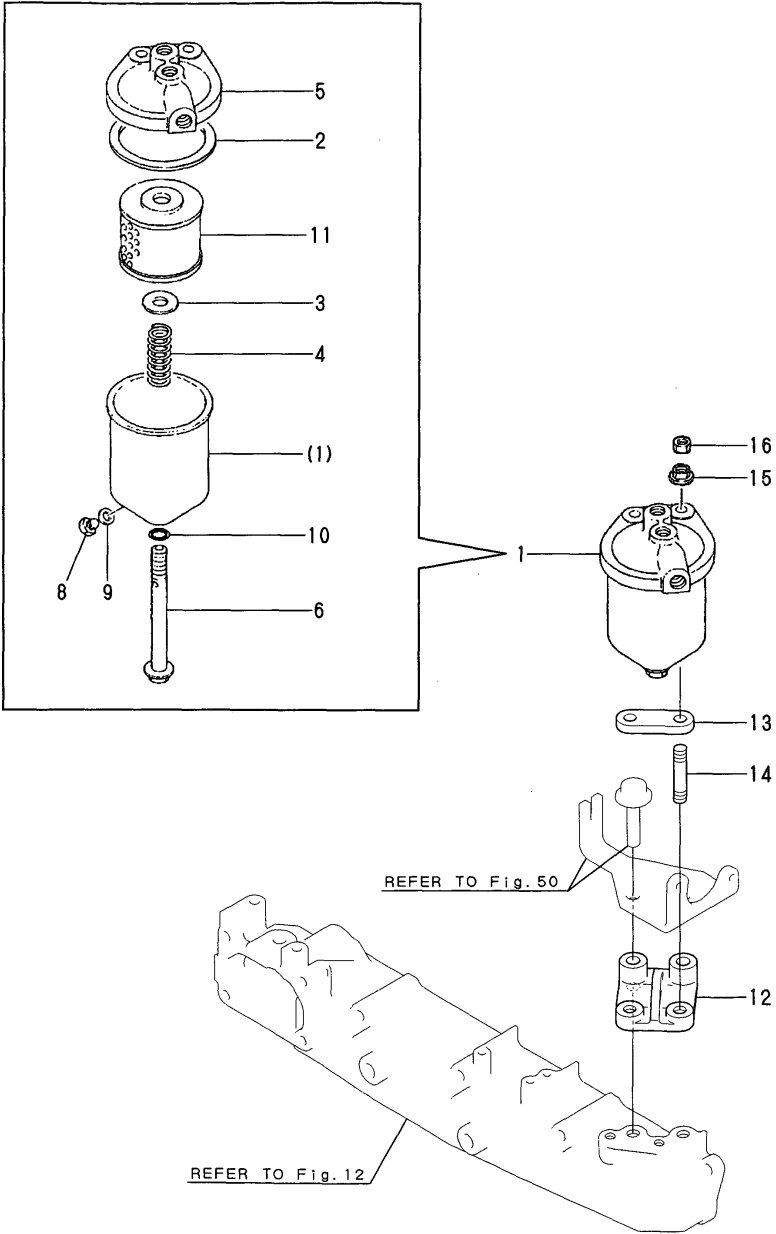


46.FUEL PIPE(4LHA-HTE,HTZE)

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194256-04820	BOLT			2	2				
2	1	101304-59020	JOINT, PIPE			2	2				
3	1	119172-59201	PIPE,FUEL			1	1				
4	1	119171-59910	JOINT, PIPE			1	1				
5	1	22190-120002	SEAL WASHER 12			2	2				
6	1	22190-120002	SEAL WASHER 12			1	1				
7	1	23000-019000	CLAMP 19			2	2				
8	1	129491-59540	BOLT 6,PIPE JOINT			4	4				
9	1	22190-120002	SEAL WASHER 12			2	2				
10	1	119182-59562	PIPE,FUEL			1	1				
11	1	119171-59990	JOINT, PIPE			1	1				
12	1	22190-120002	SEAL WASHER 12			2	2				
13	1	23000-016000	CLAMP 16			2	2				
14	1	22190-060002	SEAL WASHER 6S			8	8				
15	1	119175-59550	FOP CMP			1	1				

Fig.47.FUEL STRAINER

Fig.47 燃料フィルタ (4LHA-DTE, DTZE)
FUEL STRAINER (4LHA-DTE, DTZE)



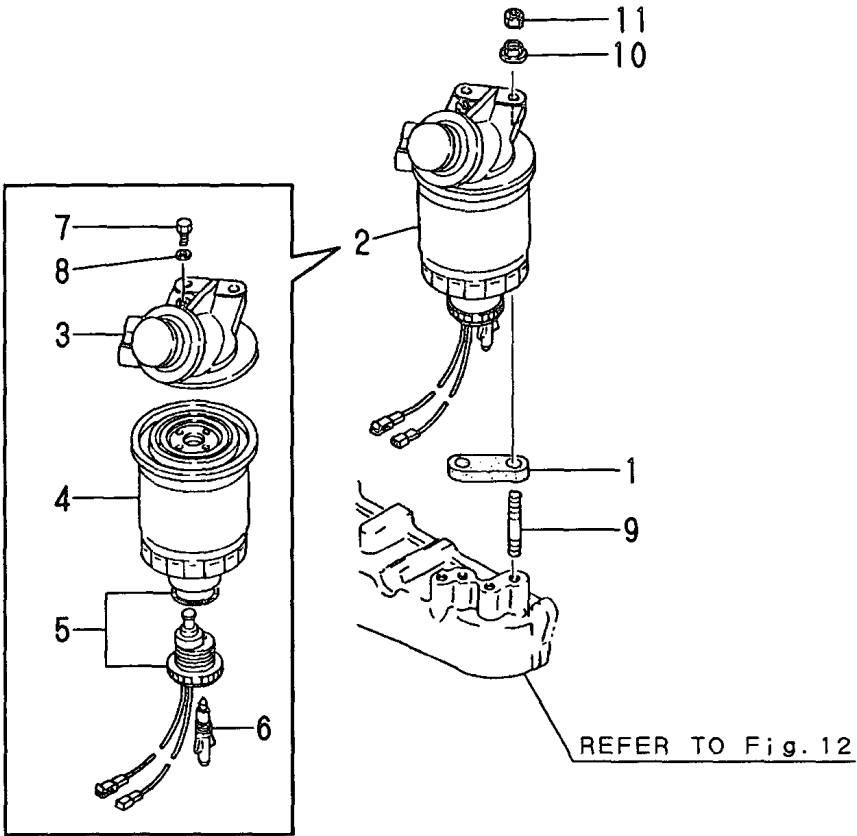
47.FUEL STRAINER

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=
Q'TY
I R

REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129495-55600	STRAINER ASSY	1	1						
2	2	123325-35140	GASKET	1	1						
3	2	123325-35160	WASHER	1	1						
4	2	123325-35170	SPRING	1	1						
5	2	129495-55610	BODY, STRAINER	1	1						
6	2	129495-55620	CENTER BOLT	1	1						
8	2	123672-55750	PLUG	1	1						
9	2	123672-55760	GASKET	1	1						
10	2	24311-000120	O-RING 1A P.120	1	1						
11	2	41650-550800	ELEMENT, FUEL OIL	1	1						
12	1	119175-55650	BRACKET, FO FILTER	1	1						
13	1	119173-55700	RUBBER	1	1						
14	1	26216-100402	STUD M12X 40 PLATED	2	2						
15	1	26366-100002	NUT M10	2	2						
16	1	26756-100002	LOCK NUT M10 PLATED	2	2						

Fig.48.FUEL STRAINER(4LHA-HTE,HTZE)

Fig.48 燃料フィルタ (4LHA-HTE, HTZE)
FUEL STRAINER (4LHA-HTE, HTZE)



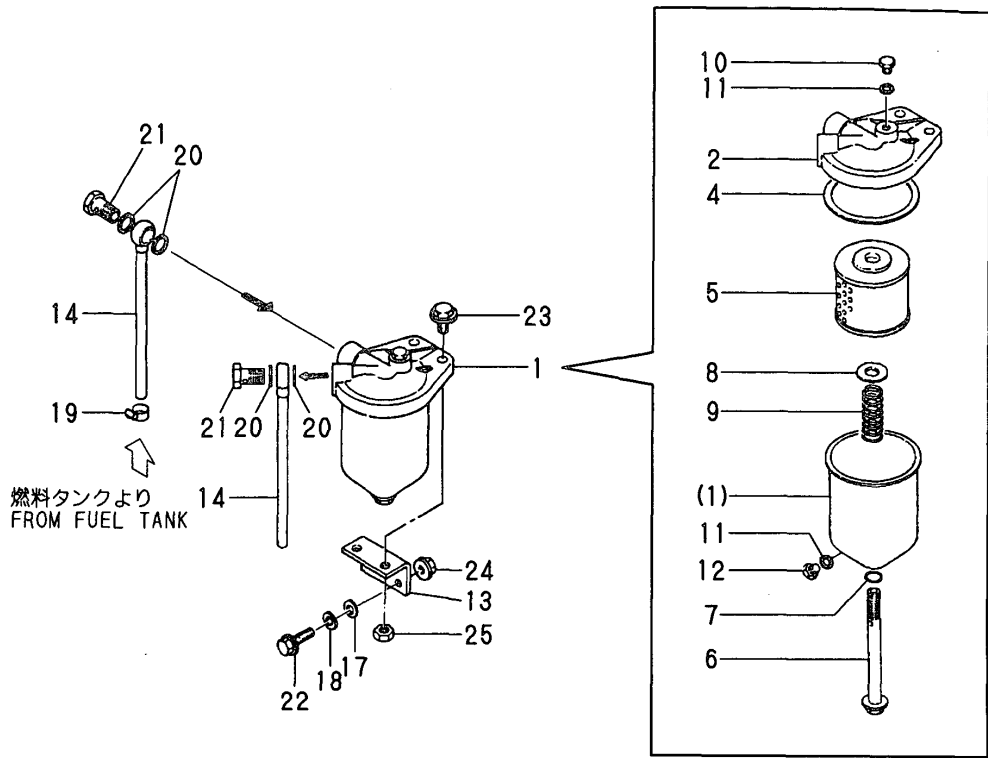
48.FUEL STRAINER(4LHA-HTE,HTZE)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119173-55700	RUBBER			1	1				
2	1	121857-55800	SEPARATOR ASSY, WATER			1	1				
3	2	121857-55630	BODY, FUEL STRAINER			1	1				
4	2	121857-55710	FILTER, SEPARATOR			1	1				
5	2	121857-55730	SENDER			1	1				
6	2	121857-55740	PLUG			1	1				
7	2	121857-55750	PLUG			1	1				
8	2	121857-55760	WASHER			1	1				
9	1	26216-080402	STUD M8X 40 PLATED			2	2				
10	1	26366-080002	NUT M8			2	2				
11	1	26756-080002	LOCK NUT M8 PLATED			2	2				

Fig.49.OIL/WATER SEPARATER

Fig.49 油水分離器 (オプション)
OIL/WATER SEPARATER (OPTIONAL)



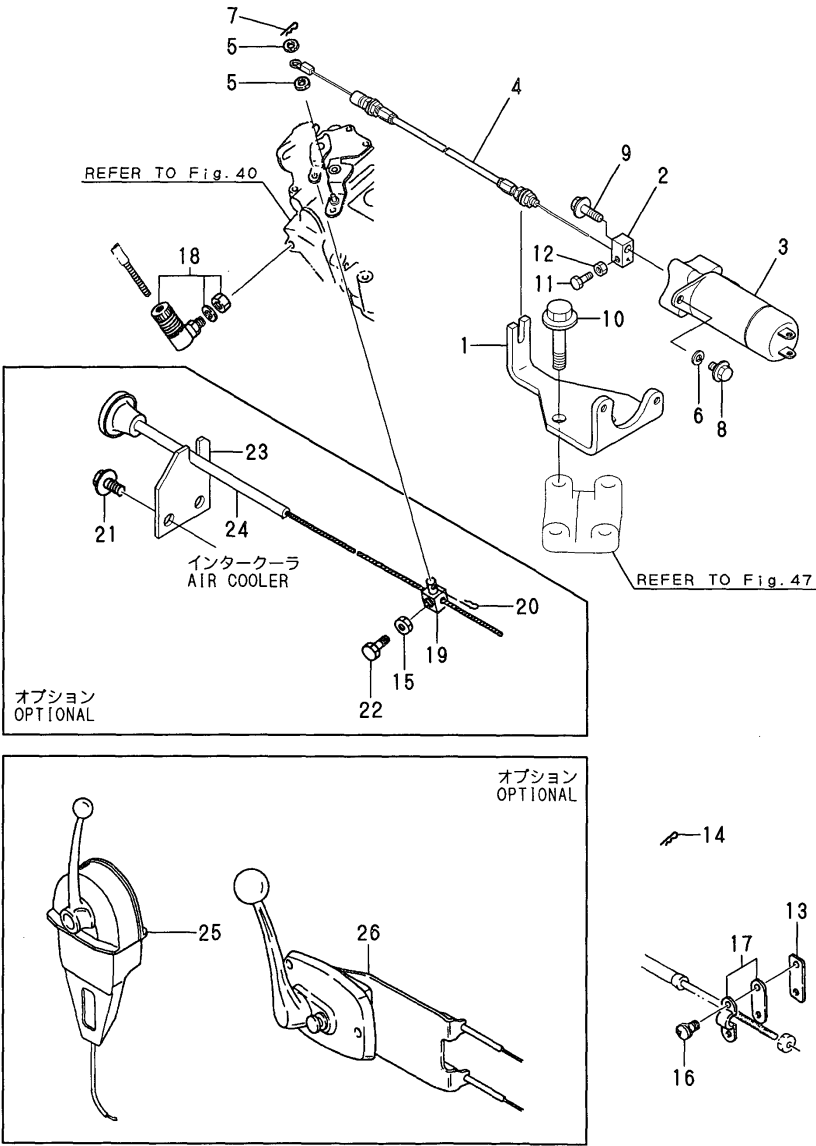
49.OIL/WATER SEPARATER

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	120324-55750	SEPARATOR	1	1						
2	2	X2740134001	COVER ASSY	1	1						
4	2	X0582810173	GASKET	1	1						
5	2	120324-55760	ELEMENT,FUEL OIL	1	1						
6	2	X0311121522	CENTER BOLT	1	1						
7	2	X0580121073	O-RING 1A P 120	1	1						
8	2	X0300120414	SPRING SEAT	1	1						
9	2	X0600160122	SPRING	1	1						
10	2	X0314080110	PLUG	1	1						
11	2	X0588080273	GASKET	2	2						
12	2	X0313080110	BOLT	1	1						
13	1	123672-55811	BRACKET	1	1						
14	1	123325-59420	PIPE ASSY	2	2						
17	1	22137-080000	WASHER 8, POLISHED	2	2						
18	1	22217-080000	SPRING WASHER 8	2	2						
19	1	23000-016000	CLAMP 16	2	2						
20	1	23414-140000	GASKET 14, ROUND	4	4						
21	1	23857-080000	JOINT BOLT 8,PIPE	2	2						
22	1	26106-080402	BOLT M 8X 40 PLATED	2	2						
23	1	26106-100202	BOLT M10X 20 PLATED	2	2						
24	1	26366-080002	NUT M 8	2	2						
25	1	26706-100002	NUT M10	2	2						

Fig.50.ENGINE STOP DEVICE(4LHA-DTE,DTZE)

Fig.50 機関停止装置 (4LHA-DTE, DTZE)
ENGINE STOP DEVICE (4LHA-DTE, DTZE)



Remarks
(1)OPTIONAL

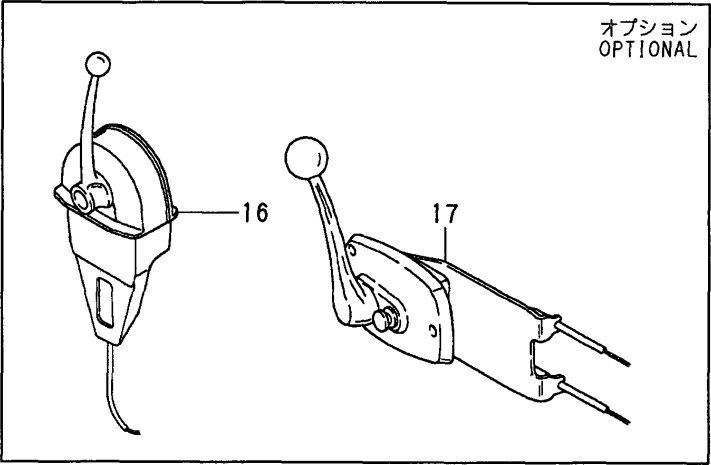
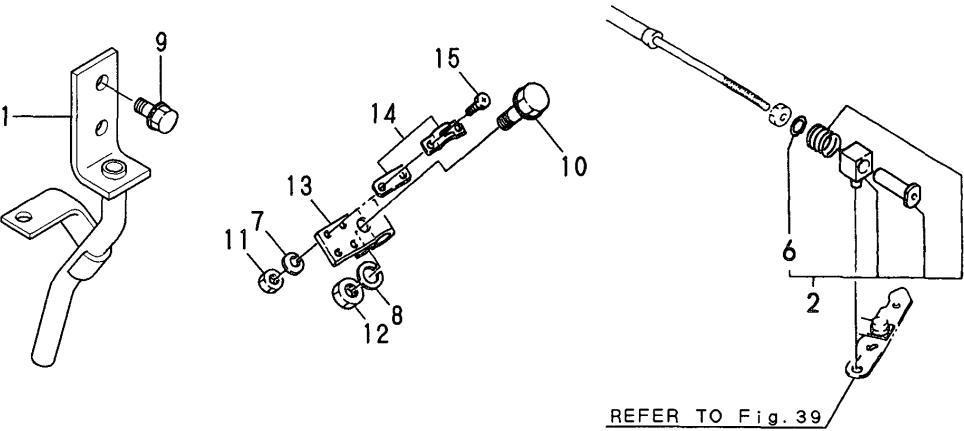
50.ENGINE STOP DEVICE(4LHA-DTE,DTZE)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119175-66120	BRACKET,SOLENOID	1	1						
2	1	119175-67310	CLAMP	1	1						
3	1	129470-67320	ENGINE STOP SOLENOID	1	1						
4	1	119175-67350	WIRE,STOP	1	1						
5	1	22117-060000	WASHER 6	2	2						
6	1	22217-060000	SPRING WASHER 6	2	2						
7	1	22360-050000	SNAP PIN 5	1	1						
8	1	26106-060102	BOLT 6X 10 PLATED	2	2						
9	1	26106-060202	BOLT M 6X 20 PLATED	1	1						
10	1	26106-100452	BOLT M10X 45 PLATED	2	2						
11	1	26116-050142	BOLT M 5X 14 PLATED	1	1						
12	1	26756-050002	LOCK NUT M 5 PLATED	1	1						
13	1	121574-86320	RETAINER	1	1						
14	1	22414-250150	COTTER PIN 25X15	1	1						
15	1	26756-050002	LOCK NUT M 5 PLATED	1	1						1
16	1	26022-050162	SCREW M 5X 16	2	2						
17	1	41710-000410	CLAMP	1	1						
18	1	41710-001300	JOINT	1	1						
19	1	129590-67310	CLAMP	1	1						1
20	1	22414-250150	COTTER PIN 25X15	1	1						1
21	1	26106-080122	BOLT M 8X 12 PLATED	2	2						1
22	1	26116-050142	BOLT M 5X 14 PLATED	1	1						1
23	1	119175-66150	BRACKET,CANCEL WIRE	1	1						1
24	1	119175-67400	WIRE	1	1						1
25	1	41730-000681	MT-3 REMO-CON	1	1						1
26	1	128170-86500	MOUNT	1	1						1

Fig.51.ENGINE STOP DEVICE(4LHA-HTE,HTZE)

Fig.51 機関停止装置 (4LHA-HTE, HTZE)
ENGINE STOP DEVICE (4LHA-HTE,HTZE)

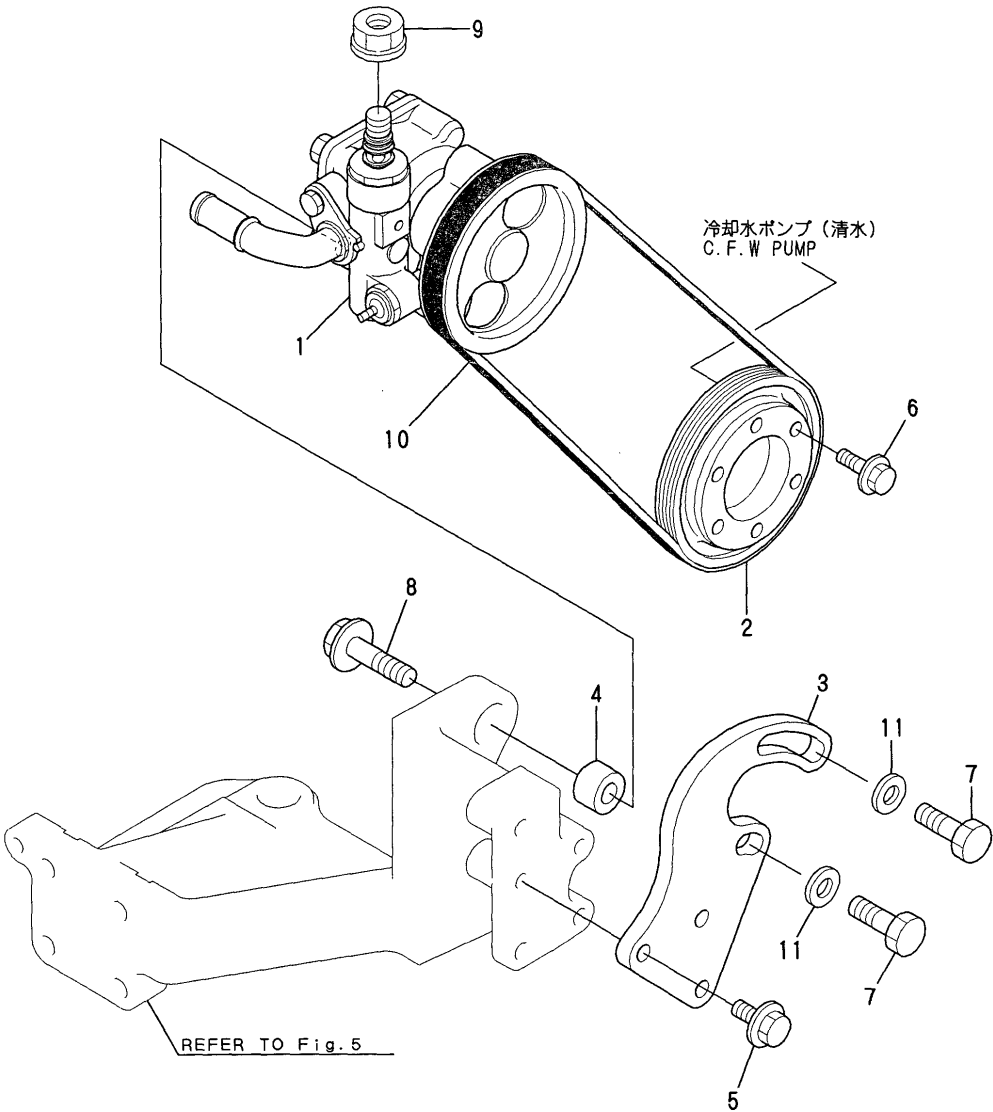


51.ENGINE STOP DEVICE(4LHA-HTE,HTZE)

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119172-67160	BRACKET, CABLE			1	1				
2	1	105311-67200	RETAINER, JOINT			1	1				
6	2	22242-000100	CIRCLIP 10			1	1				
7	1	22217-050000	SPRING WASHER 5			2	2				
8	1	22217-080000	SPRING WASHER 8			1	1				
9	1	26106-080162	BOLT M8X16 PLATED			2	2				
10	1	26106-080252	BOLT M8X25 PLATED			1	1				
11	1	26716-050002	NUT M5			2	2				
12	1	26716-080002	NUT M8			1	1				
13	1	41701-001720	BRACKET			1	1				
14	1	41710-000410	CLAMP			1	1				
15	1	26557-050122	SCREW M5X12			2	2				
16	1	41730-000681	MT-3 REMO-CON			1	1				
17	1	128170-86500	MOUNT			1	1				

Fig.52.POWER STEERING PUMP

Fig.52 パワステポンプ
POWER STEERING PUMP



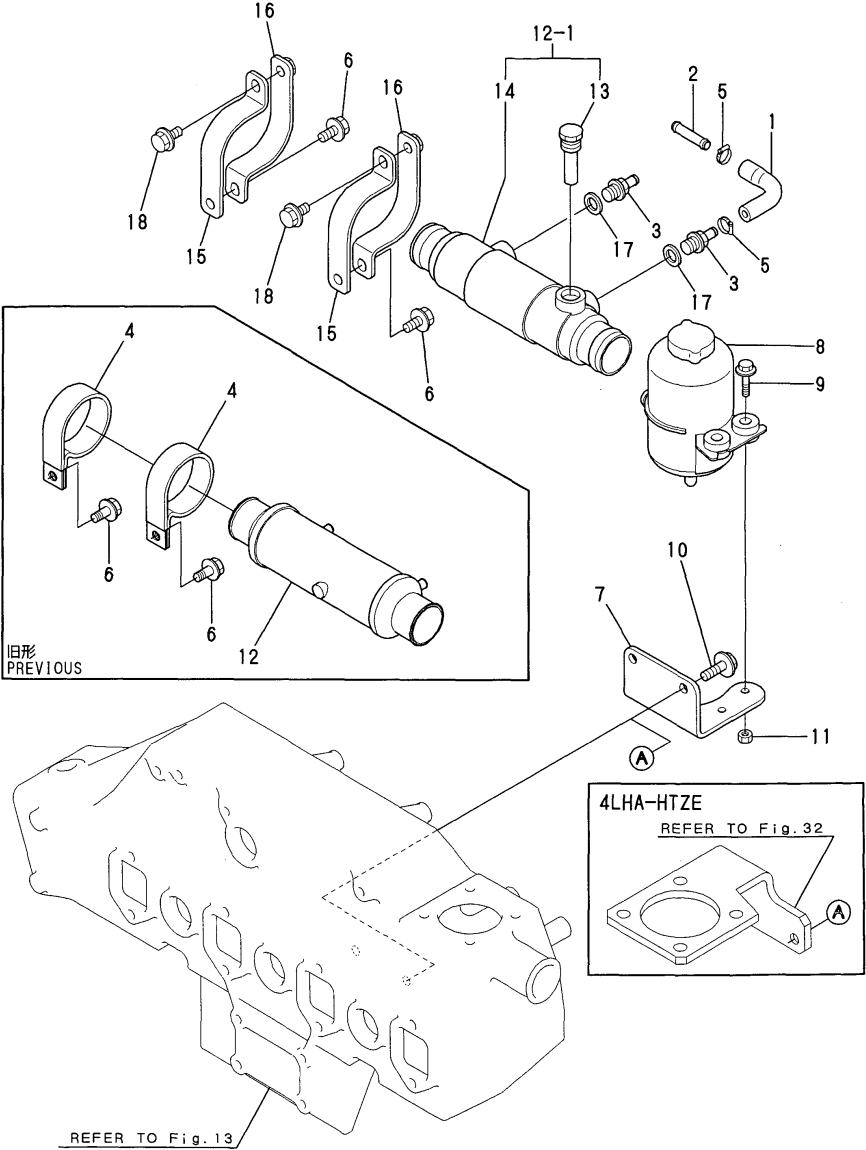
52.POWER STEERING PUMP

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119787-26100	PUMP,POWER STEERING		1		1				
2	1	119175-26300	V-PULLEY,PSP		1		1				
3	1	119175-26550	ADJUSTER,BELT		1		1				
4	1	119773-77330	COLLER,GENERATOR		1		1				
5	1	26106-080182	BOLT M 8X 18 PLATED		3		3				
6	1	26106-100302	BOLT M10X 30 PLATED		6		6				
7	1	26156-100302	BOLT M10X 30 PLATED		2		2				
8	1	26156-100402	BOLT M10X 40		1		1				
9	1	26376-120002	U-NUT M12		1		1				
10	1	119175-26500	V-BELT		1		1				
11	1	22137-100000	WASHER 10,POLISHED		2		2				

Fig.53.POWER STEERING COOLER & TANK

Fig.53 パワステクーラ&タンク
POWER STEERING COOLER & TANK



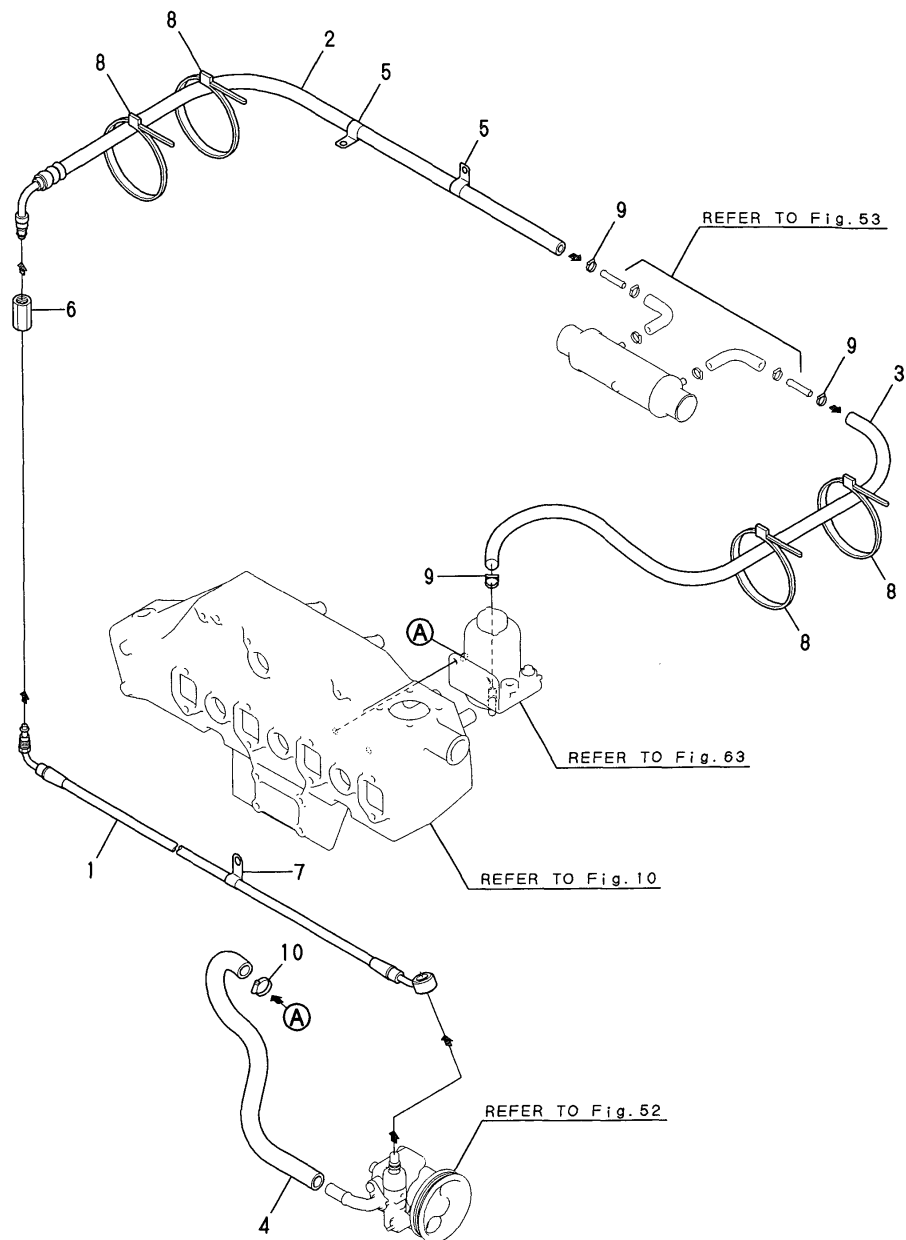
Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.3,17

53.POWER STEERING COOLER & TANK

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119778-26620	ATF-T.COOLER		2		2				
2	1	119778-26750	TUBE,PS COOLER		2		2				
I 3	1	121250-49110	JOINT, PIPE		2		2				W
(B=*2000.02)											
I 4	1	119773-55850	BRACKET,COOLER		2						Z
(B=*2000.02)											
5	1	23000-016000	CLAMP 16		4		4				
6	1	26106-080202	BOLT M 8X 20 PLATED		2		2				
7	1	119175-26520	BRACKET,OIL TANK		1		1				
8	1	196346-34860	RESERVOR ASSY, HYD.		1		1				
9	1	26106-060252	BOLT M 6X 25 PLATED		2		2				
10	1	26106-080202	BOLT M 8X 20 PLATED		2		2				
11	1	26716-060002	NUT 6		2		2				
12	1	119773-55800	COOLER,FUEL OIL		1						
I 12-1	1	119773-55750	COOLER,FUEL OIL		1		1			F	1
(B=*2000.02)											
I 13	2	119574-44150	ZINC, ANTI-CORROSIVE		1		1				W
(B=*2000.02)											
I 14	2	119773-55760	COOLER,FUEL OIL		1		1				W
(B=*2000.02)											
I 15	1	119773-55870	BRACKET,COOLER,FUEL		2		2				W
(B=*2000.02)											
I 16	1	119773-55890	BRACKET,COOLER,FUEL		2		2				W
(B=*2000.02)											
I 17	1	23414-140018	GASKET 14		2		2				W
(B=*2000.02)											
I 18	1	26106-080162	BOLT M 8X 16 PLATED		2		2				W
(B=*2000.02)											

Fig. 54 ATFパイプ
ATF PIPE

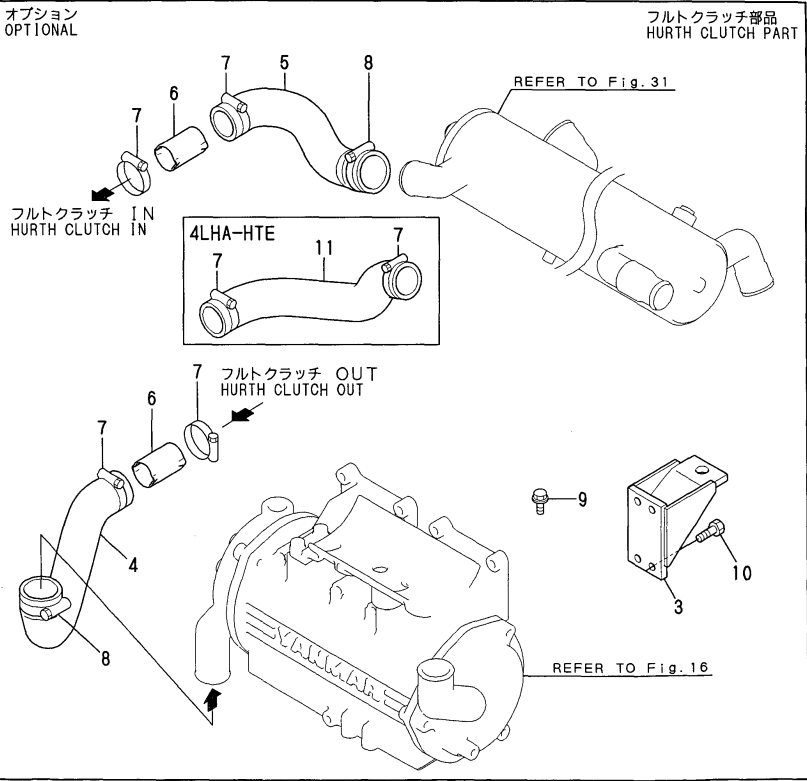
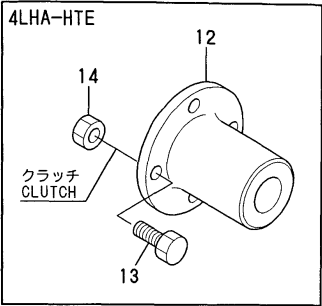
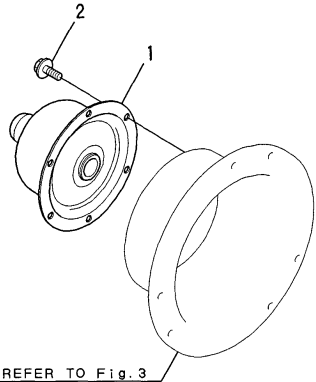


(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119175-26600	ATF-T,PUMP-DRIVE		1		1				
2	1	119175-26610	ATF-T,COOLER-TANK		1		1				
3	1	119175-26650	ATF-T,COOLER-TANK		1		1				
4	1	119175-26660	ATF-T,TANK-PUMP		1		1				
5	1	119778-26660	CLAMP		1		1				
6	1	119778-26800	BRASS COUPLING		1		1				
7	1	119593-39450	RETAINER		2		2				
8	1	194250-51660	BAND 250		4		4				
9	1	23000-016000	CLAMP 16		3		3				
10	1	23000-028000	CLAMP 28		1		1				

Fig.55.DRIVE COUPLING

Fig.55 ドライブ接続
DRIVE COUPLING



Remarks
(1)HURTH CLUTCH, OPTIONAL

55.DRIVE COUPLING

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

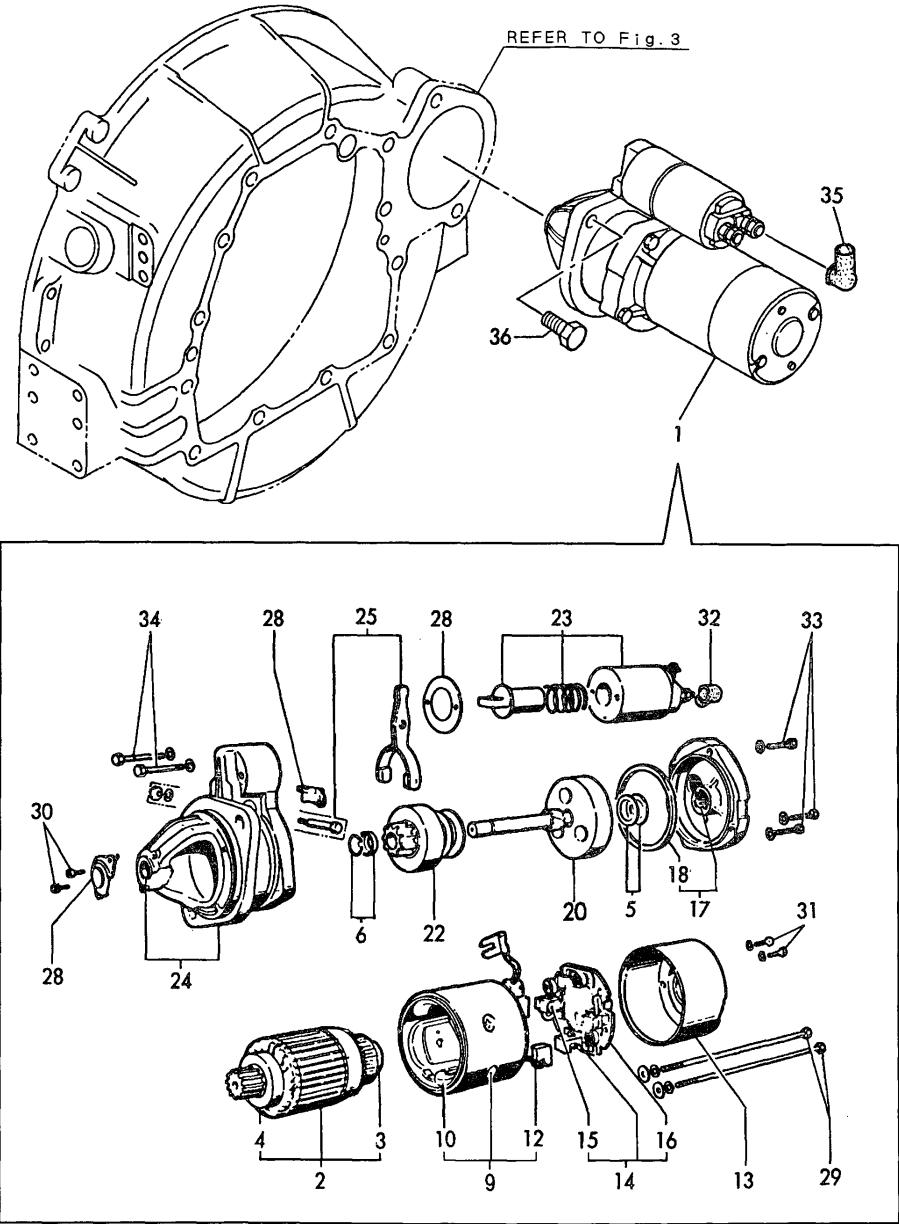
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119778-85500	COUPLING CMP		1		1				
2	1	26106-100202	BOLT M10X 20 PLATED		6		6				
3	1	119173-08110	FOOT, MOUNTING	2		2				W	1
(A=E/#30121)											
4	1	119173-49670	PIPE,RUBBER R/R OUT	1		1				W	1
(A=E/#30121)											
5	1	119173-49680	PIPE,RUBBER R/R IN	1		1				W	1
(A=E/#30121)											
6	1	119181-49741	JOINT	2		2				W	1
(A=E/#30121)											
7	1	23000-048000	CLAMP 48	4		5				W	1
(A=E/#30121)											
8	1	23000-054000	CLAMP 54	2		1				W	1
(A=E/#30121)											
9	1	26106-100252	BOLT M10X 25 PLATED	18		18				W	1
(A=E/#30121)											
10	1	26116-120352	BOLT M12X 35 PLATED	8		8				W	1
(A=E/#30121)											
11	1	119172-49650	HOSE,GEAR IN				1				
12	1	119171-85900	COUPLING				1				
13	1	26116-120402	BOLT M12X 40				4				
14	1	26716-120002	NUT 12				4				

				(A)=4LHA-DTE (B)=4LHA-DTZE (C)=4LHA-HTE	(D)=4LHA-HTZE (E)= (F)=	Q'TY						I	R
REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)				
1	1	119171-81100	CLUTCH ASSY, F=1.46			1							
2	1	119171-81110	CLUTCH ASSY, F=2.07			1							
3	1	119171-81120	CLUTCH ASSY, F=2.57			1							
4	1	26106-100302	BOLT M10X30 PLATED			12							

Remarks
THIS FIGURE ARE NOT ILLUSTRATED.

Fig.57.STARTING MOTOR

Fig.57 スターティングモータ
STARTING MOTOR



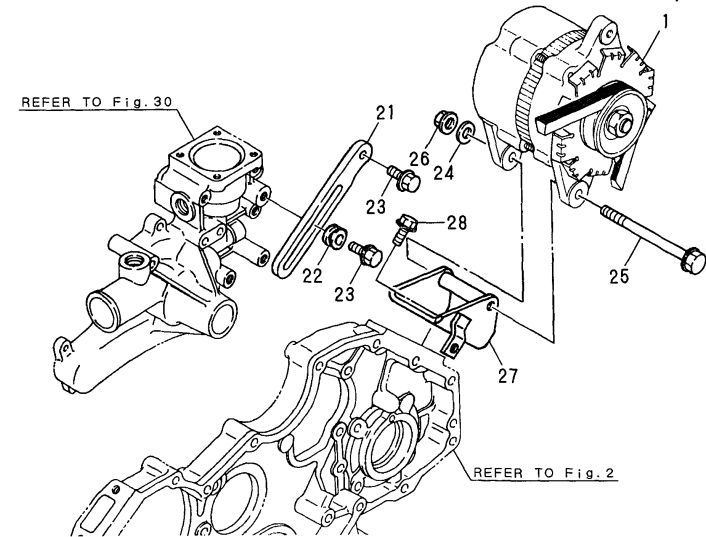
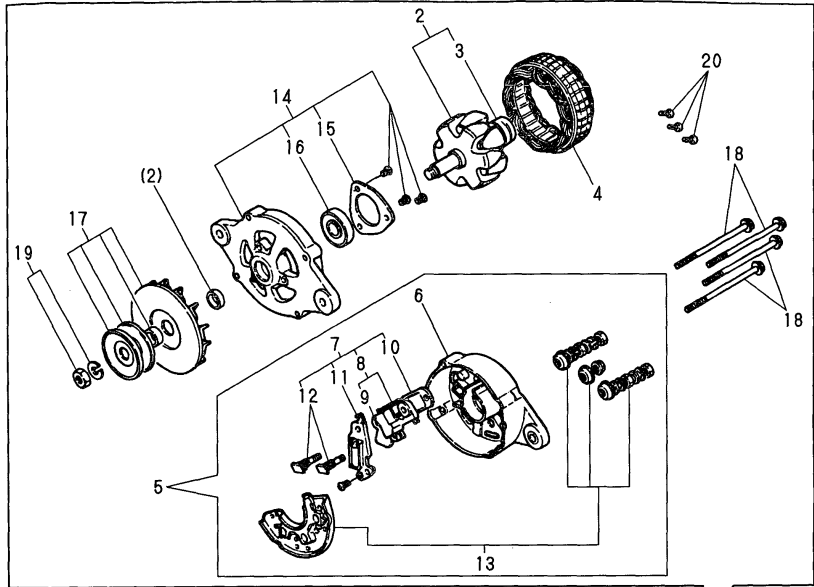
57.STARTING MOTOR

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121254-77012	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	121254-77430	WASHER KIT, THRUST	1	1	1	1				
6	2	121254-77480	STOPPER KIT, PINION	1	1	1	1				
9	2	121254-77511	COIL ASSY, FIELD	1	1	1	1				
10	3	121254-77520	COIL ASSY, FIELD	1	1	1	1				
12	3	121254-77541	BRUSH (+)	2	2	2	2				
13	2	121254-77550	COVER ASSY, REAR	1	1	1	1				
14	2	121254-77571	HOLDER	1	1	1	1				
15	3	121254-77581	BRUSH	2	2	2	2				
16	3	121254-77590	SPRING, BRUSH	4	4	4	4				
17	2	121254-77600	BEARING ASSY, CENTER	1	1	1	1				
18	3	119129-77210	SEAL, OIL	1	1	1	1				
20	3	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	26450-050122	BOLT M5X12	2	2	2	2				
31	2	121254-77790	SCREW 4	2	2	2	2				
32	2	121254-77810	TERMINAL COVER	1	1	1	1				
33	2	26106-060302	BOLT M 6X 30 PLATED	3	3	3	3				
34	2	26106-060452	BOLT M 6X 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				

Fig.58.GENERATOR

Fig. **58** ジェネレータ
GENERATOR



Remarks
(1)INC. 9

58.GENERATOR

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

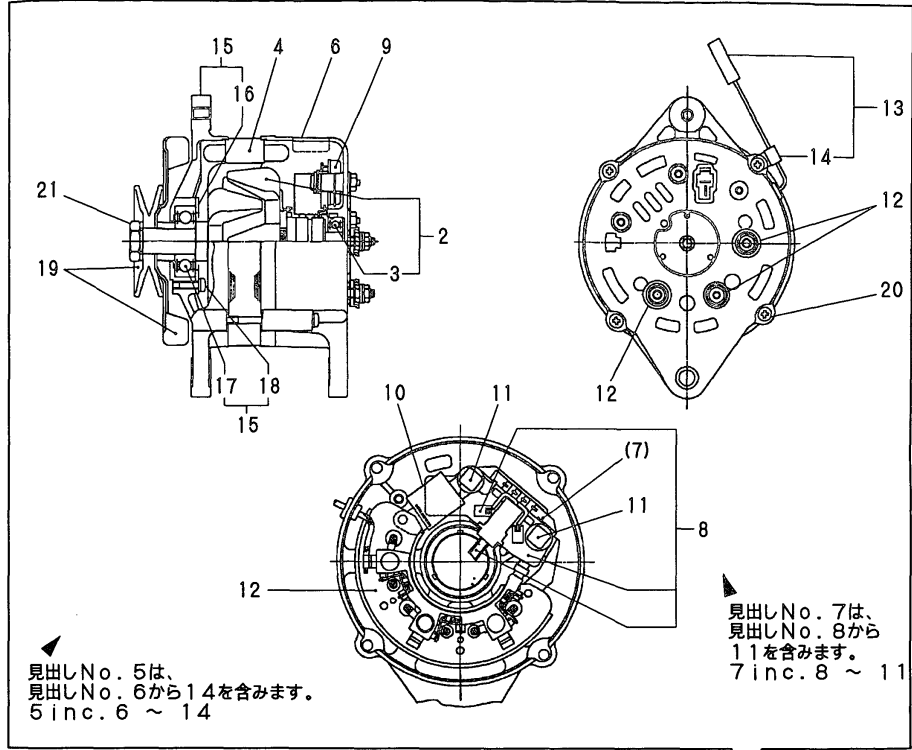
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129772-77200	GENERATOR(12V-55A)	1	1	1	1				
2	2	XL15571001	ROTOR ASSY	1	1	1	1				
3	3	X6101SD	BALL BEARING	1	1	1	1				
4	2	XL15542001	STATOR ASSY	1	1	1	1				
5	2	XL155G6300	COVER ASSY, REAR	1	1	1	1				
6	3	XL22553012	COVER, REAR	1	1	1	1				
7	3	XL155G1315	REGULATOR ASSY, BRUSH	1	1	1	1				
8	4	XL2255330	BRUSH ASSY	1	1	1	1				1
9	4	XL12013262	BRUSH	2	2	2	2				
10	4	XTR1263	REGULATOR	1	1	1	1				
11	4	XL2554318	CONDENSER 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	XL225G6500	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	119171-77330	ADJUSTER, BELT	1	1	1	1				
22	1	121236-77340	SPACER	1	1	1	1				
23	1	119005-77350	BOLT (M8 X L25)	2	2	2	2				
24	1	22137-100000	WASHER 10 POLISHED	1	1	1	1				
25	1	26116-101202	BOLT M10X120 PLATED	1	1	1	1				
26	1	26366-100002	NUT M10	1	1	1	1				
27	1	119175-77270	BRACKET, GENERATOR	1	1	1	1				
28	1	26106-080202	BOLT M8X 20 PLATED	4	4	4	4				

Fig.59.GENERATOR(OPTIONAL)

59.GENERATOR(OPTIONAL)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119573-77201	ALTERNATER(12V-80A	1	1	1	1				
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	2	2	2	2				
9	4	124080-77390	REGULATOR ASSY	1	1	1	1				
10	4	XL225431800	CONDENSER	1	1	1	1				
11	4	124080-77520	BOLT M5	2	2	2	2				
12	3	XL1808320	DIODE ASY	1	1	1	1				
13	3	119129-77250	WIRE	1	1	1	1				
14	4	119129-77260	CLAMP,LEAD WIRE	1	1	1	1				
15	2	XL235340110	COVER ASSY, FRONT	1	1	1	1				
16	3	XL150M14041	RETAINER	1	1	1	1				
17	3	X6303BM0000	BALL BEARING	1	1	1	1				
18	3	119129-77930	SCREW KIT	1	1	1	1				
19	2	XL180G85001	PULLEY ASSY	1	1	1	1				
20	2	119129-77890	BOLT, THROUGH	4	4	4	4				
21	2	119129-77900	NUT ASSY, PULLEY	1	1	1	1				
22	1	119175-77270	BRACKET, GENERATOR	1	1	1	1				
23	1	119171-77330	ADJUSTER, BELT	1	1	1	1				
24	1	121236-77340	SPACER	1	1						
I 24-1	1	121236-77340	SPACER	2	2	2	2				K
		(A=*2000.03) (B=*2000.03)									
25	1	119005-77350	BOLT (M8 X L25)	2	2						
I 25-1	1	119005-77350	BOLT (M8 X L25)	3	3	3	3				K
		(A=*2000.03) (B=*2000.03)									
26	1	22137-100000	WASHER 10POLISHED	1	1	1	1				
27	1	26106-080202	BOLT M 8X 20 PLATED	4	4	4	4				
28	1	26116-101202	BOLT M10X120 PLATED	1	1	1	1				
29	1	26366-100002	NUT M10	1	1	1	1				
I 30	1	119172-77150	SUPPORT A	1	1	1	1				W
		(A=*2000.03) (B=*2000.03)									
I 31	1	26106-100252	BOLT M10X 25 PLATED	2	2	2	2				W
		(A=*2000.03) (B=*2000.03)									
I 32	1	26106-080142	BOLT 8X 14 PLATED	2	2	2	2				W
		(A=*2000.03) (B=*2000.03)									



REFER TO Fig. 30

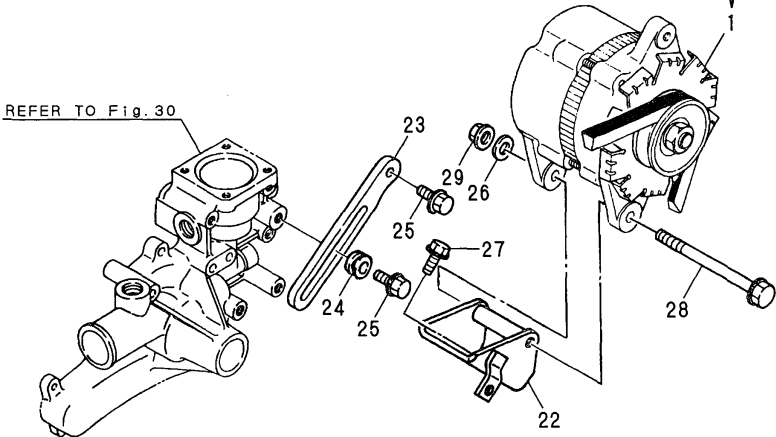
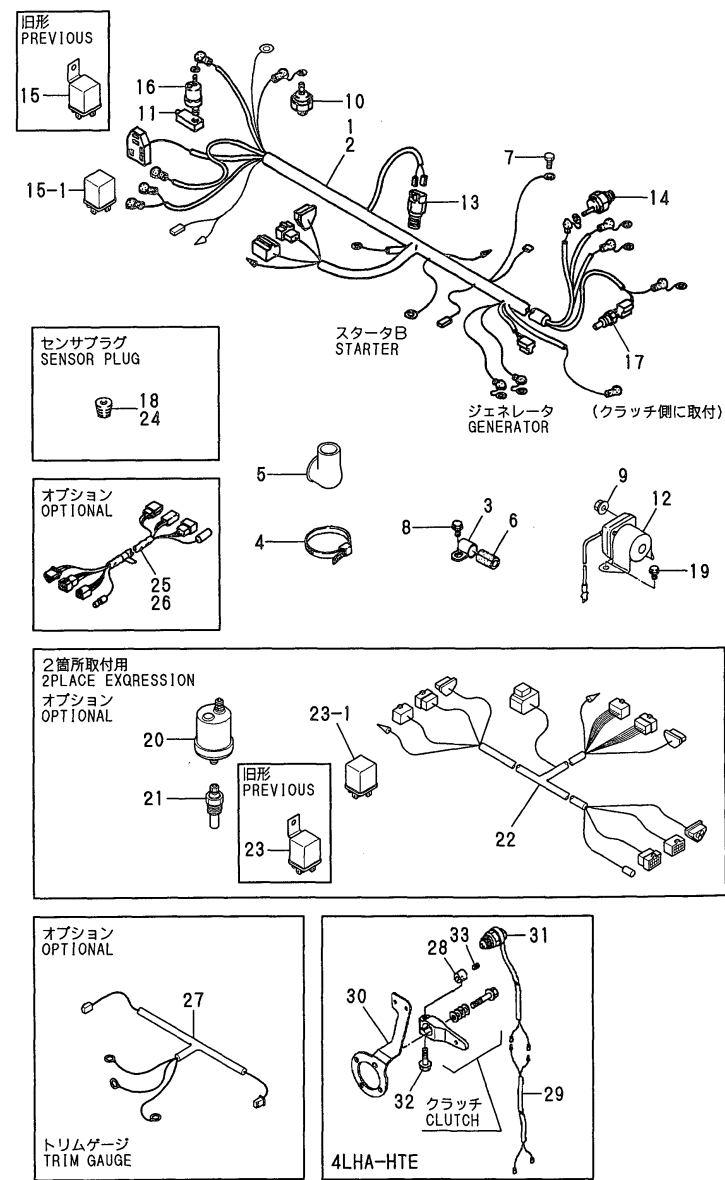


Fig.60.WIRE HARNESS & SENSOR

Fig.60 ワイヤハーネス&センサ
WIRE HARNESS & SENSOR



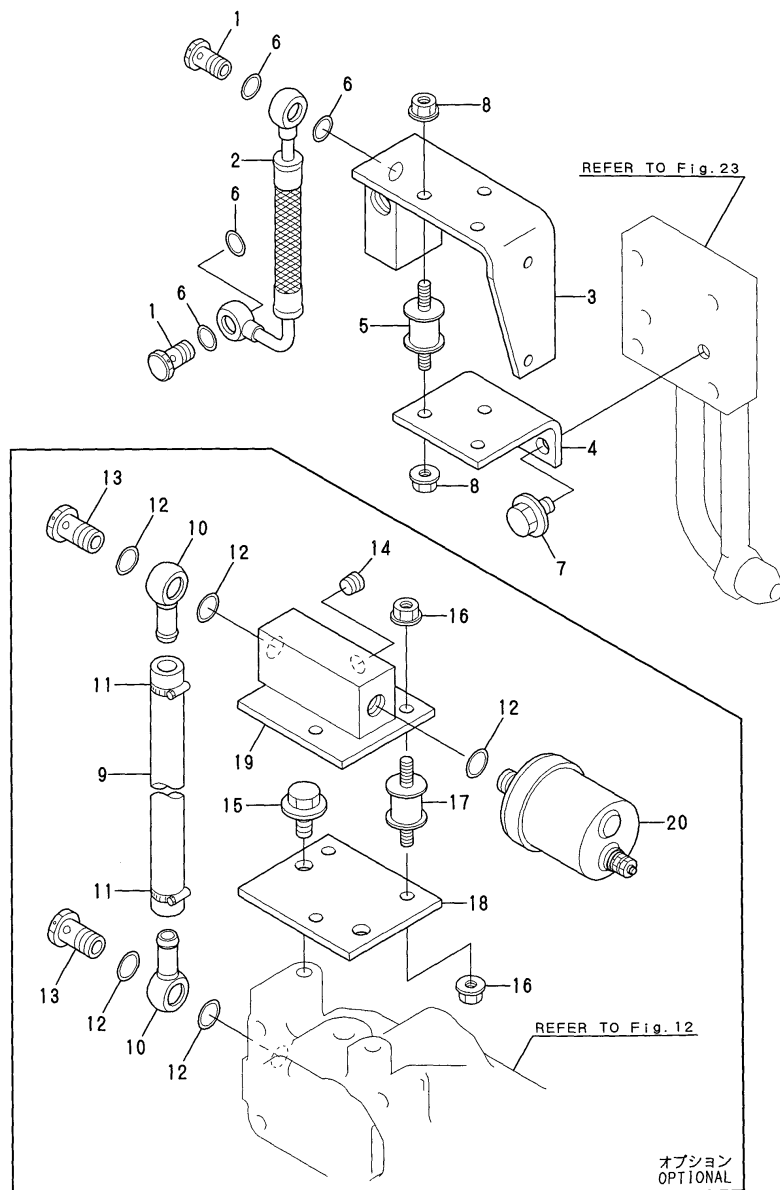
Remarks
(1)OPTIONAL

60.WIRE HARNESS & SENSOR

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119175-77810	WIRE-HARNESS	1							
2	1	119175-77820	WIRE-HARNESS		1						
I 2-1	1	119173-77851	HARNESS, WIRE	1	1					N	
(A=E/#30131) (B=*1999.07)											
2A	1	119172-77820	WIRE-HARNESS			1	1				
3	1	124770-49310	RETAINER	1	1	1	1				
4	1	121750-59890	CLAMP 140	1	1	1	1				
5	1	124550-77030	COVER, TERMINAL	1	1	1	1				
6	1	123682-77710	PROTECTOR	1	1	1	1				
7	1	26106-080122	BOLT M 8X 12 PLATED	1	1	1	1				
8	1	26106-080162	BOLT M 8X 16 PLATED	1	1	1	1				
9	1	26366-060002	NUT M 6	2	2	2	2				
10	1	124060-39451	SWITCH,OIL PRESSURE	1	1						
I 10-1	1	124060-39452	SENDER,OIL PRESSURE	1	1	1	1			N	
(A=*2000.02) (B=*2000.02)											
11	1	123482-39680	DAMPER	1	1	1	1				
12	1	129100-77910	RELAY, MAGNETIC	1	1						
I 12-1	1	129490-77910	RELAY, STARTER	1	1	1	1			N	
(A=E/#30103) (B=E/#30104)											
13	1	128170-91160	SENSOR, TACHOMETER	1	1	1	1				
14	1	127610-91350	SWITCH, THERMO	1	1	1	1				
15	1	124617-91850	RELAY	1	1						
I 15-1	1	119773-91850	RELAY	1	1	1	1			N	
(A=*2000.02) (B=*2000.02)											
16	1	119773-91500	SENDER UNIT	1	1	1	1				
17	1	144626-91570	SENDER UNIT	1	1	1	1				
18	1	23871-030000	PLUG PT3/8,SCREW	2	2						
I 18-1	1	23876-030000	PLUG PT3/8,SCREW	2	2	2	2			N	
(A=E/#30101) (B=E/#30102)											
19	1	26106-060122	BOLT M 6X 12 PLATED	2	2	2	2				
20	1	129574-91560	SENDER UNIT	1	1	1	1				1
21	1	129574-91570	SENDER UNIT	1	1	1	1				1
22	1	129574-77980	HARNESS	1	1	1	1				1
23	1	124617-91850	RELAY	1	1						1
I 23-1	1	119773-91850	RELAY	1	1	1	1			N	1
(A=*2000.02) (B=*2000.02)											
24	1	23871-010000	PLUG PT1/8,SCREW	1	1						
I 24-1	1	23876-010000	PLUG PT1/8,SCREW	1	1	1	1			N	
(A=E/#30101) (B=E/#30102)											
25	1	129574-77710	HARNESS, WIRE(4M)	1	1	1	1				1
26	1	129574-77720	HARNESS, WIRE(6M)	1	1	1	1				1
27	1	119778-91500	WIRE HARNESS		1		1			W	1
(B=*1999.06)											
28	1	177074-06300	SETTING,SAFETY SWIT.			1					1
29	1	177074-06350	HARNESS, WIRE			1					1
30	1	177074-06600	STAY			1					1
31	1	120270-77101	SWITCH			1					1
32	1	26106-080302	BOLT M 8X 30 PLATED			1					1
33	1	26979-040082	SCREW M 4X 8			1					1

Fig. 61 センサ取付台
SENSOR MOUNT



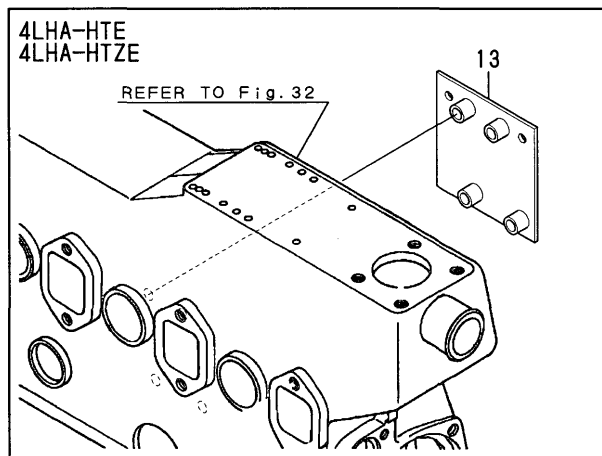
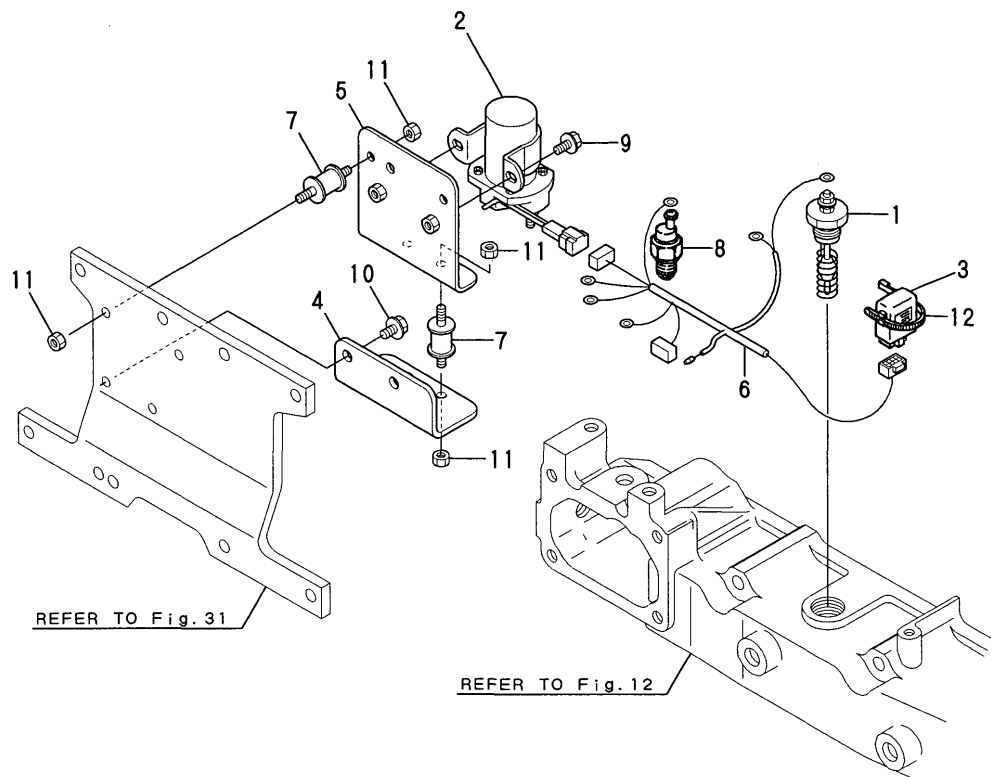
Remarks
(1)OPTIONAL

(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121252-39150	BOLT,PIPE JOINT	2	2	2	2				
2	1	119175-39600	LOT CMP,SENDER	1	1	1	1				
3	1	119175-91030	BRACKET,SENDER	1	1	1	1				
4	1	119175-91040	BRACKET,SENDER	1	1	1	1				
5	1	119175-91050	CUSHION	3	3	3	3				
6	1	23414-100000	GASKET 10, ROUND	4	4	4	4				
7	1	26106-080122	BOLT M 8X 12 PLATED	2	2	2	2				
8	1	26366-060002	NUT M 6	6	6	6	6				
9	1	183384-59350	PIPE(A),FUEL OIL	1	1						1
I	9-1	1	183384-59351	PIPE(A), FUEL OIL	1	1	1	1			N
		(A=E/#30211)	(B=E/#30212)								
10	1	104264-59020	JOINT 12, PIPE	2	2	2	2				1
11	1	23000-013000	CLAMP 13	2	2	2	2				1
12	1	23414-120000	GASKET 12, ROUND	5	5	5	5				1
13	1	23857-060000	JOINT BOLT 6,PIPE	2	2	2	2				1
14	1	23876-010000	PLUG PT1/8,SCREW	1	1	1	1				1
15	1	26106-080162	BOLT M 8X 16 PLATED	2	2	2	2				1
16	1	26366-060002	NUT M 6	6	6	6	6				1
17	1	119175-91050	CUSHION	3	3	3	3				1
18	1	119175-91080	BRACKET,SENDER	1	1	1	1				1
19	1	119175-91090	BRACKET,SENDER	1	1	1	1				1
20	1	119773-91300	SENSOR,PRESSURE	1	1	1	1				

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
(C)Copy Rights YANMAR CO.,LTD.

Fig. 62 ヒータプラグ (オプション)
HEATER PLUG (OPTIONAL)

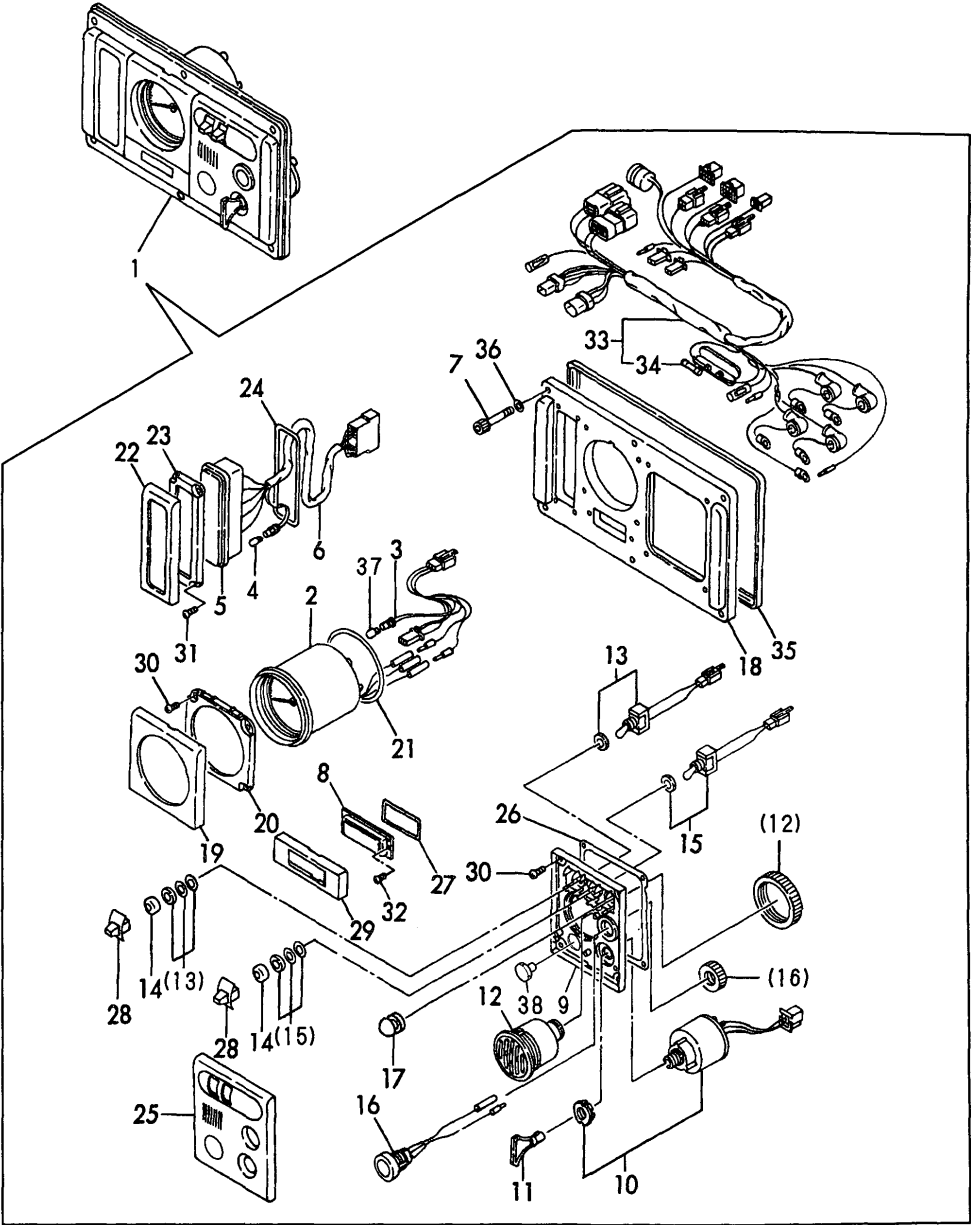


(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119575-77050	PLUG,HEATER	2	2	2	2				
2	1	119575-77060	RELAY,HEATER	1	1	1	1				
3	1	119575-77070	CONTROLLER	1	1	1	1				
4	1	119175-77600	BRACKET A	1	1	1	1				
5	1	119175-77610	BRACKET B	1	1	1	1				
6	1	119173-77880	HARNES,HEATER	1	1	1	1				
7	1	119175-91050	CUSHION	4	4	4	4				
8	1	124616-91370	SWITCH, THERMO	1	1	1	1				
9	1	26106-060122	BOLT M 6X 12 PLATED	2	2						
10	1	26106-080142	BOLT 8X 14 PLATED	2	2						
11	1	26366-060002	NUT M 6	8	8						
12	1	29622-250001	BAND RF-250	2	2	2	2				
13	1	119172-77650	BRACKET,HEATER			1	1				
14	1	26106-060122	BOLT M 6X 12 PLATED			1	1				
15	1	26106-080142	BOLT 8X 14 PLATED			4	4				
16	1	26366-060002	NUT M 6			6	6				

Fig.63.INSTRUMENT PALEL(B-TYPE,OPTIONAL)

Fig.63 計器盤 (Bタイプ, オプション)
INSTRUMENT PANEL (B-TYPE, OPTIONAL)



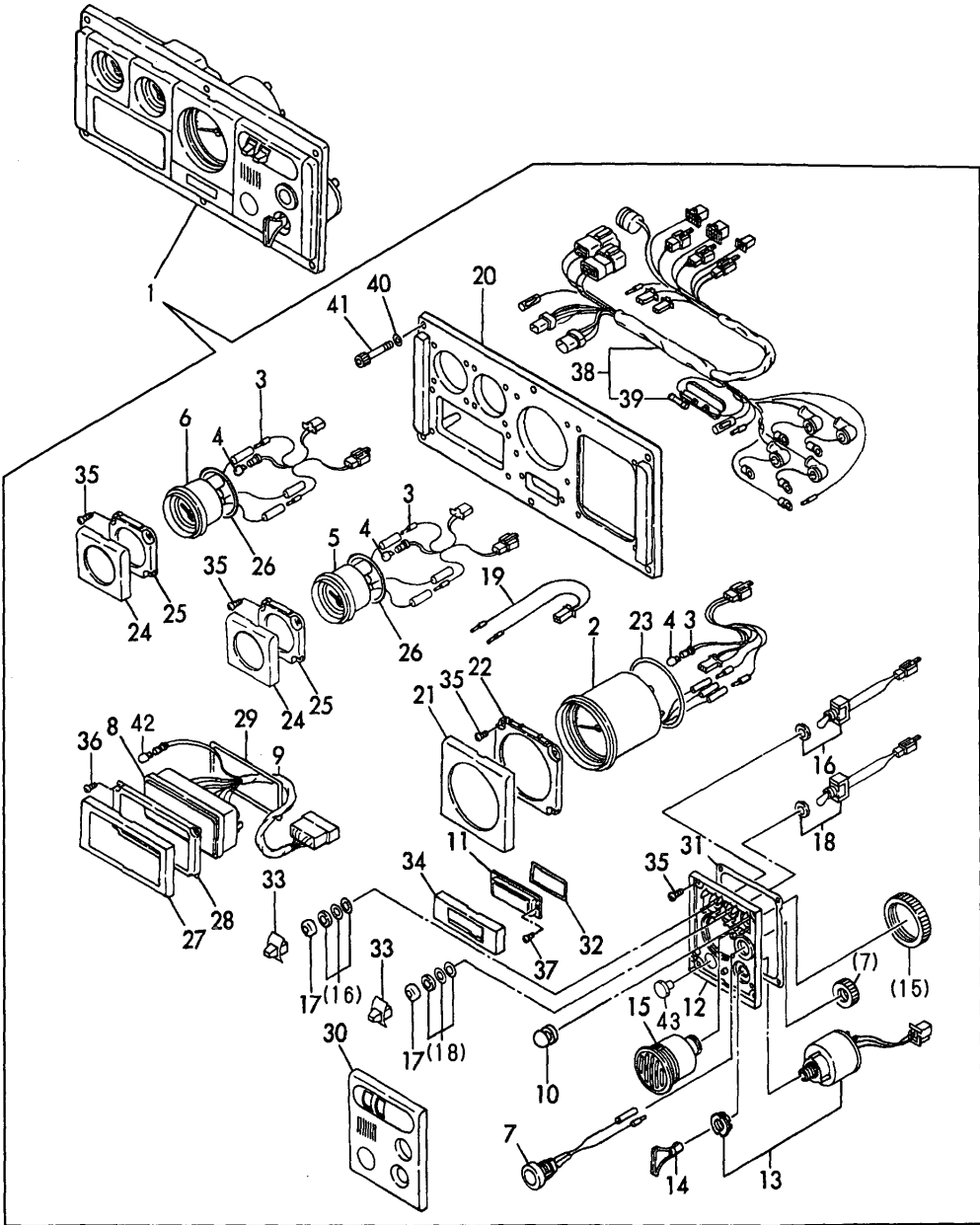
63.INSTRUMENT PALEL(B-TYPE,OPTIONAL)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119175-91130	IMSTRUMENT PANEL	1	1						
I 1-1	1	119175-91131	IMSTRUMENT PANEL	1	1	1	1				N
		(A=E/#30133)	(B=*1999.08)								
2	2	129574-91200	METER, TACHO/HOUR	1	1	1	1				
3	2	129574-91870	WIRE	1	1	1	1				
4	2	124617-91980	BULB	6	6	6	6				
5	2	119773-91260	BOX	1	1						
I 5-1	2	119773-91261	BOX	1	1	1	1				N
		(A=E/#30133)	(B=*1999.08)								
6	2	119773-91240	WIRE W/BULB	1	1	1	1				
7	2	127687-91870	BOLT 6X.35	6	6	6	6				
8	2	129170-91650	COVER, BLIND	1	1	1	1				
9	2	129574-91410	BRACKET	1	1	1	1				
10	2	121575-91250	SWITCH W/KEY	1	1	1	1				
11	2	123482-91291	KEY, SWITCH	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	2	2	2	2				
15	2	129574-91790	SWITCH	1	1	1	1				
16	2	129470-91190	STOPPER	1	1	1	1				
17	2	129170-91810	BLIND	1	1	1	1				
18	2	128391-91930	PANEL	1	1	1	1				
19	2	129574-91620	COVER	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	COVER	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	COVER	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	COVER	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	119773-91140	WIRE HARNESS	1	1						
I 33-1	2	119773-91141	WIRE HARNESS	1	1	1	1				N
		(A=E/#30133)	(B=*1999.08)								
34	3	124617-91990	FUSE (3A)	1	1	1	1				
35	2	128391-91700	PACKING	1	1	1	1				
36	2	127687-91880	WASHER	6	6	6	6				
37	2	124617-91980	BULB	1	1	1	1				
38	2	129574-91760	COVER, BLIND	1	1	1	1				

Fig.64.INSTRUMENT PANEL(C-TYPE,OPTIONAL)

Fig.64 計器盤 (Cタイプ, オプション)
INSTRUMENT PANEL (C-TYPE, OPTIONAL)



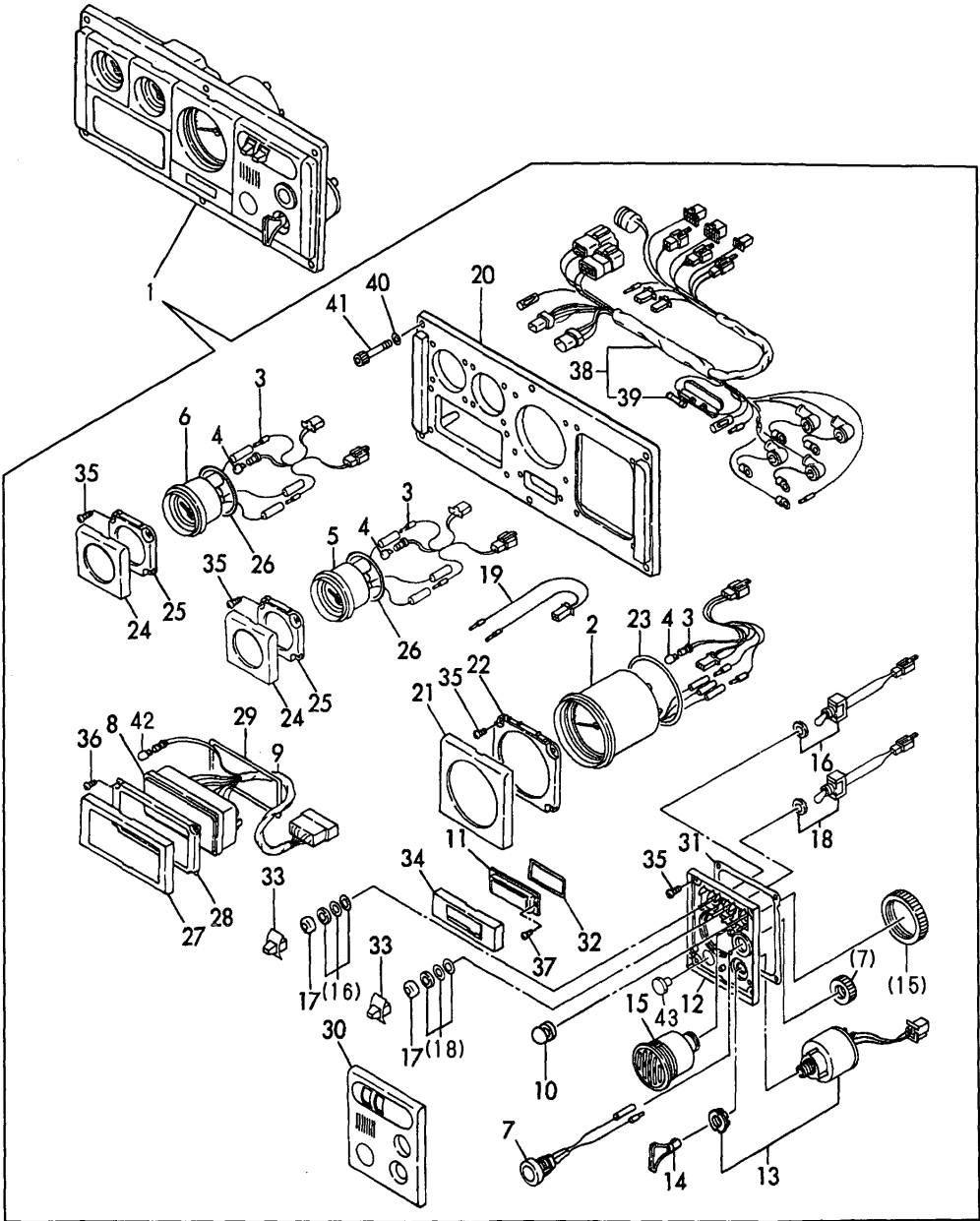
64.INSTRUMENT PANEL(C-TYPE,OPTIONAL)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119175-91160	IMSTRUMENT PANEL	1	1						
I 1-1	1	119175-91161	IMSTRUMENT PANEL	1	1						N
		(A=E/#30133)	(B=*1999.08)								
I 1-2	1	119175-91162	IMSTRUMENT PANEL	1	1	1	1				N
		(A=*1999.10)	(B=*1999.10)								
2	2	129574-91200	METER, TACHO/HOUR	1	1	1	1				
3	2	129574-91870	WIRE	3	3	3	3				
4	2	124617-91980	BULB	4	4	4	4				
5	2	129574-91210	METER	1	1	1	1				
6	2	129574-91220	METER	1	1						
I 6-1	2	129574-91221	METER	1	1	1	1				N
		(A=*1999.10)	(B=*1999.10)								
7	2	129470-91190	STOPPER	1	1	1	1				
8	2	119773-91280	BOX	1	1						
I 8-1	2	119773-91281	BOX	1	1	1	1				N
		(A=E/#30133)	(B=*1999.08)								
9	2	119773-91230	WIRE W/BULB	1	1	1	1				
I 9-1	2	119773-91231	WIRE W/BULB	1	1	1	1				N
		(A=E/#30133)	(B=*1999.08)								
10	2	129170-91810	BLIND	1	1	1	1				
11	2	129170-91650	COVER, BLIND	1	1	1	1				
12	2	129574-91410	BRACKET	1	1	1	1				
13	2	121575-91250	SWITCH W/KEY	1	1	1	1				
14	2	123482-91291	KEY, SWITCH	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	2	2	2	2				
18	2	129574-91790	SWITCH	1	1	1	1				
19	2	129574-91890	WIRE	1	1	1	1				
20	2	129170-91930	PANEL	1	1	1	1				
21	2	129574-91620	COVER	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	COVER	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	COVER	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	COVER	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	COVER	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	119773-91170	WIRE-HARNES	1	1	1	1				
I 38-1	2	119773-91171	WIRE-HARNES	1	1	1	1				N
		(A=E/#30133)	(B=*1999.08)								
39	3	124617-91990	FUSE (3A)	1	1	1	1				

Fig.64.INSTRUMENT PANEL(C-TYPE,OPTIONAL)

Fig.64 計器盤 (Cタイプ, オプション)
INSTRUMENT PANEL (C-TYPE, OPTIONAL)



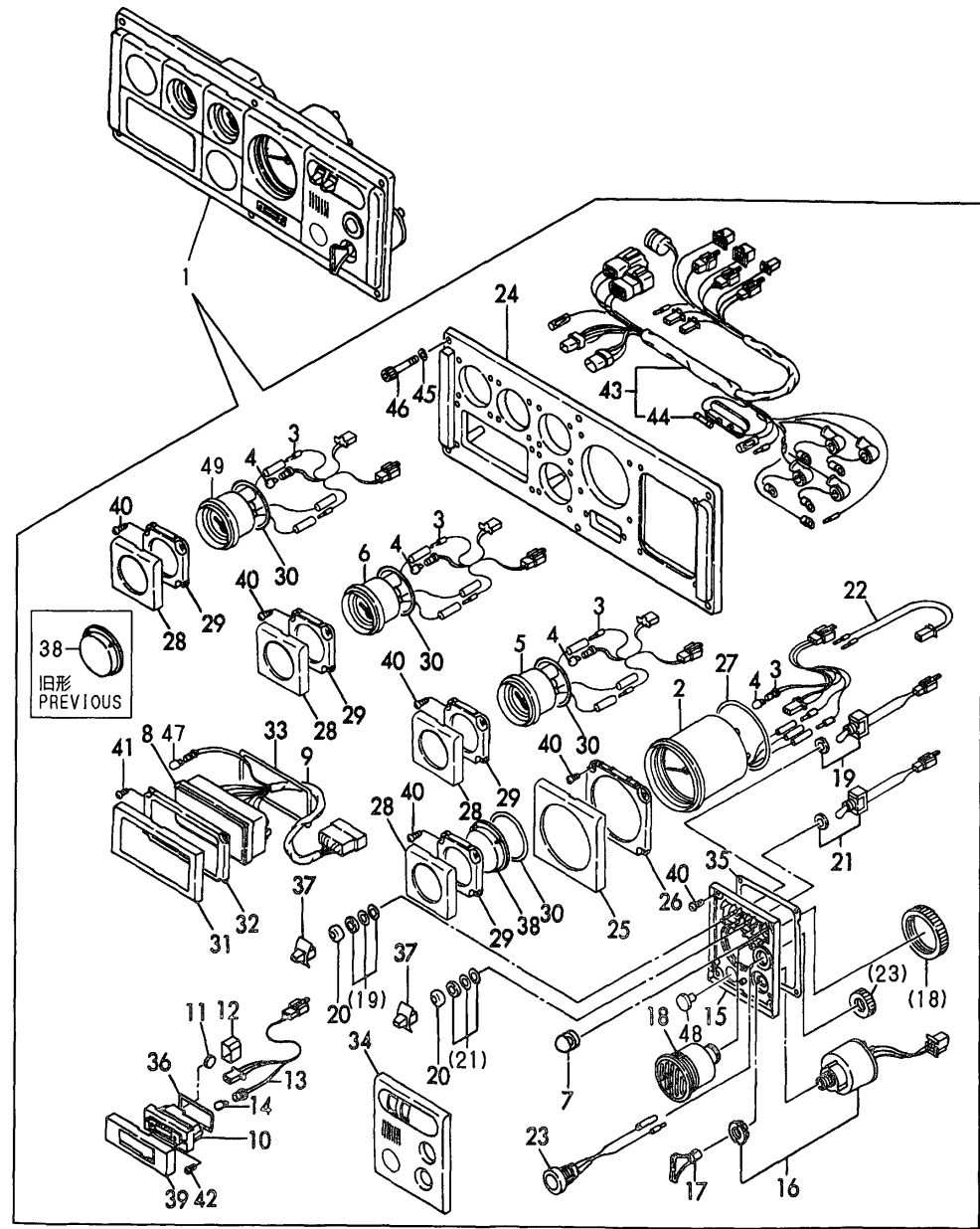
64.INSTRUMENT PANEL(C-TYPE,OPTIONAL)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
40	2	127687-91880	WASHER	6	6	6	6				
41	2	127687-91870	BOLT 6X35	6	6	6	6				
42	2	124617-91980	BULB	8	8	8	8				
43	2	129574-91760	COVER, BLIND	1	1	1	1				

Fig.65.INSTRUMENT PANEL(D-TYPE,OPTIONAL)

Fig.65 計器盤 (Dタイプ, オプション)
INSTRUMENT PANEL (D-TYPE, OPTIONAL)



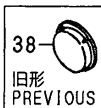
65.INSTRUMENT PANEL(D-TYPE,OPTIONAL)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	1	119175-91190	INSTRUMENT PANEL	1	1						
	1-1	119175-91191	INSTRUMENT PANEL	1	1						N
		(A=E/#30133)	(B=*1999.08)								
I	1-2	119175-91192	INSTRUMENT PANEL	1	1	1	1				N
		(A=*1999.10)	(B=*1999.10)								
	2	129574-91200	METER, TACHO/HOUR	1	1	1	1				
	3	129574-91870	WIRE	3	3	3	3				
	4	124617-91980	BULB	4	4	4	4				
	5	129574-91210	METER	1	1	1	1				
	6	129574-91220	METER	1	1						
I	6-1	129574-91221	METER	1	1	1	1				N
		(A=*1999.10)	(B=*1999.10)								
	7	129170-91810	BLIND	1	1	1	1				
	8	119773-91280	BOX	1	1						
I	8-1	119773-91281	BOX	1	1	1	1				N
		(A=E/#30133)	(B=*1999.08)								
	9	119773-91230	WIRE W/BULB	1	1						
I	9-1	119773-91231	WIRE W/BULB	1	1	1	1				N
		(A=E/#30133)	(B=*1999.08)								
	10	129574-91240	CLOCK	1	1	1	1				
	11	127620-91250	CELL	1	1	1	1				
	12	129574-91490	HOLDER	1	1	1	1				
	13	129574-91880	WIRE W/BULB	1	1	1	1				
	14	120147-91760	BULB	1	1	1	1				
	15	129574-91410	BRACKET	1	1	1	1				
	16	121575-91250	SWITCH W/KEY	1	1	1	1				
	17	123482-91291	KEY, SWITCH	1	1	1	1				
	18	104271-91352	BUZZER	1	1	1	1				
	19	129170-91800	SWITCH	1	1	1	1				
	20	129574-91780	CAP	2	2	2	2				
	21	129574-91790	SWITCH	1	1	1	1				
	22	129574-91890	WIRE	1	1	1	1				
	23	129470-91190	STOPPER	1	1	1	1				
	24	129574-91930	PANEL	1	1	1	1				
	25	129574-91620	COVER	1	1	1	1				
	26	129574-91420	BRACKET	1	1	1	1				
	27	129574-91720	GASKET	1	1	1	1				
	28	129574-91630	COVER	4	4	4	4				
	29	129574-91430	BRACKET	4	4	4	4				
	30	129574-91730	GASKET	4	4	4	4				
	31	129574-91640	COVER	1	1	1	1				
	32	129574-91440	BRACKET	1	1	1	1				
	33	129574-91740	GASKET	1	1	1	1				
	34	129170-91610	COVER	1	1	1	1				
	35	129574-91710	GASKET	1	1	1	1				
	36	129574-91750	GASKET	1	1	1	1				
	37	129574-91770	KNOB	2	2	2	2				
	38	129574-91600	BLIND	2	2	2	2				
I	38-1	129574-91600	BLIND	1	1	1	1				K
		(A=*1999.10)	(B=*1999.10)								
	39	129574-91650	COVER	1	1	1	1				

N:Old $\xrightarrow{\text{Yes}}$ New, Q:Old $\xrightarrow{\text{No}}$ New, R:Old $\xrightarrow{\text{Yes}}$ New, S:Old $\xrightarrow{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Fig. 65 計器盤 (Dタイプ, オプション)
INSTRUMENT PANEL (D-TYPE, OPTIONAL)



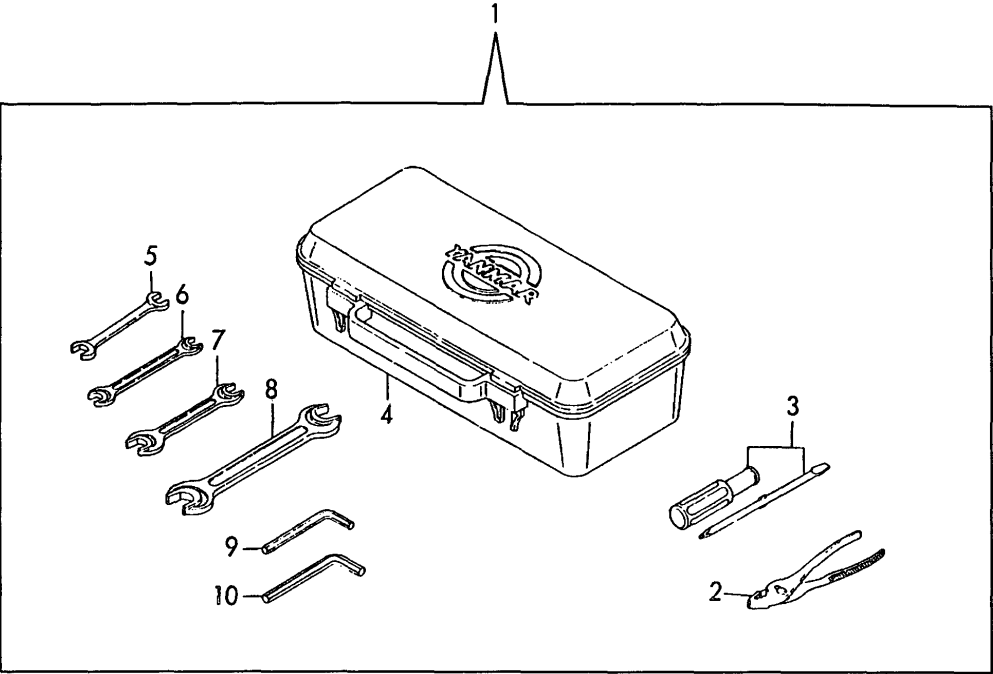
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
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				
I	43	2	119773-91220	WIRE-HARNES	1	1					
	43-1	2	119773-91221	WIRE-HARNES	1	1	1	1			N
		(A=E/#30133)	(B=*1999.08)								
44	3	124617-91990	FUSE (3A)	1	1	1	1				
45	2	127687-91880	WASHER	6	6	6	6				
46	2	127687-91870	BOLT 6X 35	6	6	6	6				
47	2	124617-91980	BULB	8	8	8	8				
48	2	129574-91760	COVER, BLIND	1	1						
I	49	2	129574-91311	METER	1	1	1	1			W
		(A=*1999.10)	(B=*1999.10)								

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

Fig.66.TOOL

Fig.66 工具 TOOL



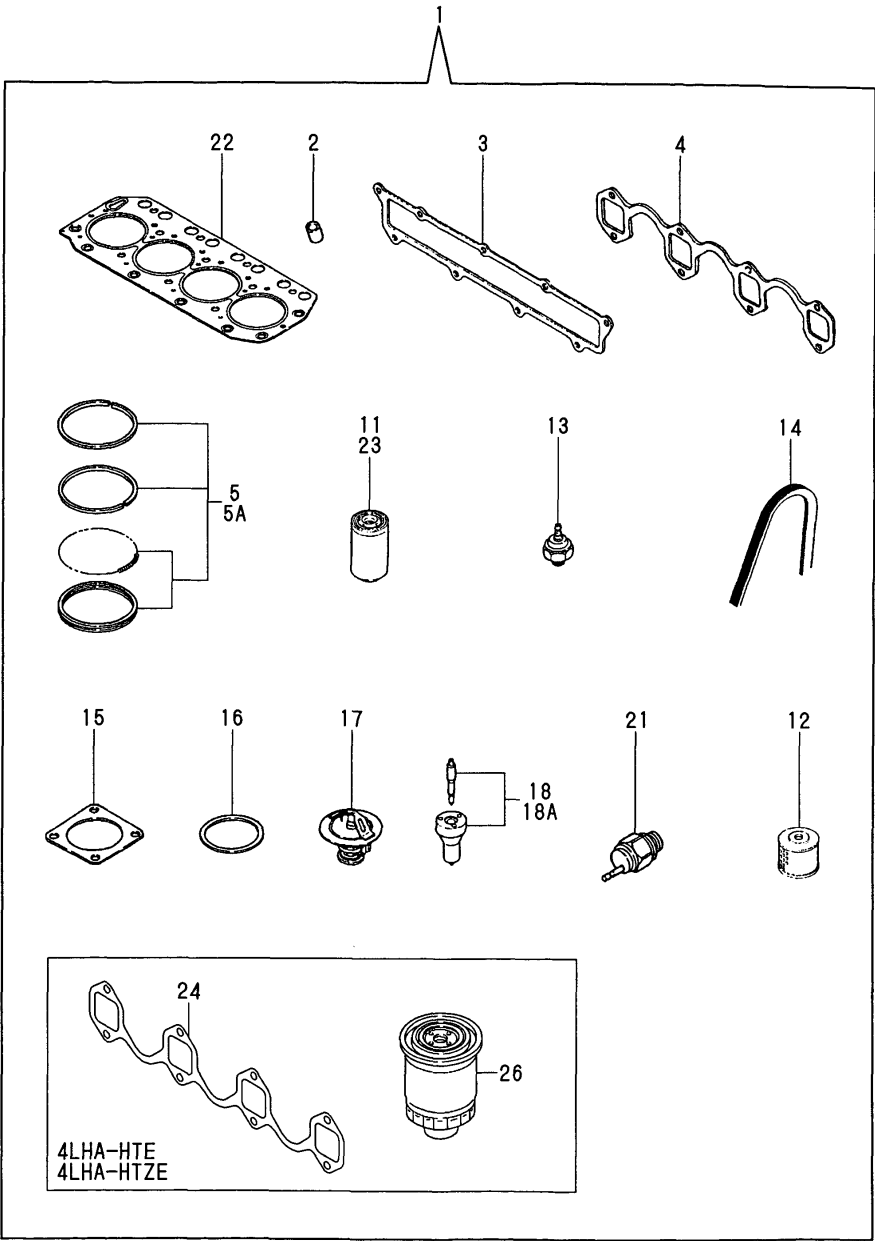
66.TOOL

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	705311-92100	TOOL ASSY	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	WRENCH 10X13	1	1	1	1				
6	2	28110-120140	WRENCH 12X14	1	1	1	1				
7	2	28110-170190	WRENCH 17X19	1	1	1	1				
8	2	28110-220240	WRENCH 22X24	1	1	1	1				
9	2	28150-060000	BAR WRENCH	1	1	1	1				
10	2	28150-060000	BAR WRENCH 6	1	1	1	1				

Fig.67.SPARE PART(4LHA-DTE,DTZE,OPTIONAL)

Fig.67 スペアパーツ (オプション)
SPARE PART (OPTIONAL)



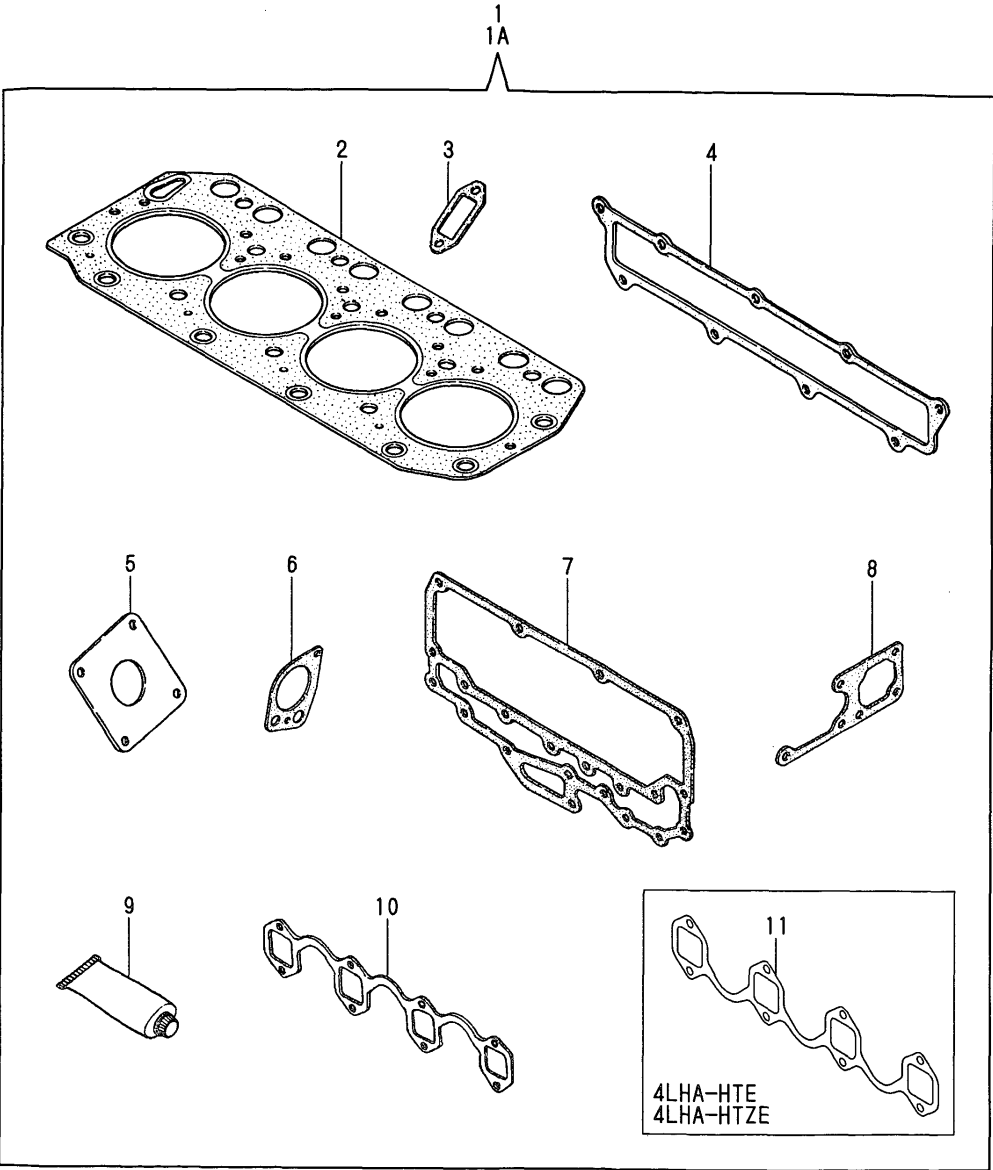
67.SPARE PART(4LHA-DTE,DTZE,OPTIONAL)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719173-92500	REPAIR SET	1	1						
1A	1	719172-92500	REPAIR SET			1	1				
2	2	119625-11870	PROTECTOR, NOZZLE	4	4	4	4				
3	2	119100-12112	GASKET, MANIFOLD	1	1						
I 3-1	1	119100-12113	GASKET, MANIFOLD	1	1	1	1			N	
		(A=*30133)	(B=*1999.08)								
4	2	119174-13201	GASKET(CPW COOLER	1	1						
5	2	719183-22500	RING SET	4	4						
11	2	127695-35150	STRAINER, LUB. OIL	1	1	1	1				
12	2	41650-550800	ELEMENT, FUEL OIL	1	1						
13	2	124060-39451	SWITCH,OIL PRESSURE	1	1						
I 13-1	2	124060-39452	SENDER,OIL PRESSURE	1	1	1	1			N	
		(A=*2000.02)	(B=*2000.02)								
14	2	121850-42280	VBELT A46	1	1	1	1				
15	2	121850-49540	GASKET, THERMOSTAT	1	1	1	1				
16	2	121850-49550	GASKET, THERMOSTAT	1	1	1	1				
17	2	121850-49810	THERMOSTAT	1	1	1	1				
18	2	119173-53050	NOZZLE ASSY	4	4						
18A	2	119172-53050	NOZZLE			4	4				
21	2	127610-91350	SWITCH, THERMO	1	1	1	1				
22	2	119174-01340	GASKET,CYL HEAD T1.30	1	1	1	1				
23	2	119174-35400	STRAINER, LUB.OIL	1	1						
24	2	119171-13200	GASKET(CPW COOLER			1	1				
26	2	121857-55710	FILTER, SEPARATOR			1	1				

Fig.68.GASKET SET(OPTIONAL)

Fig.68 パッキンセット (オプション)
GASKET SET (OPTIONAL)



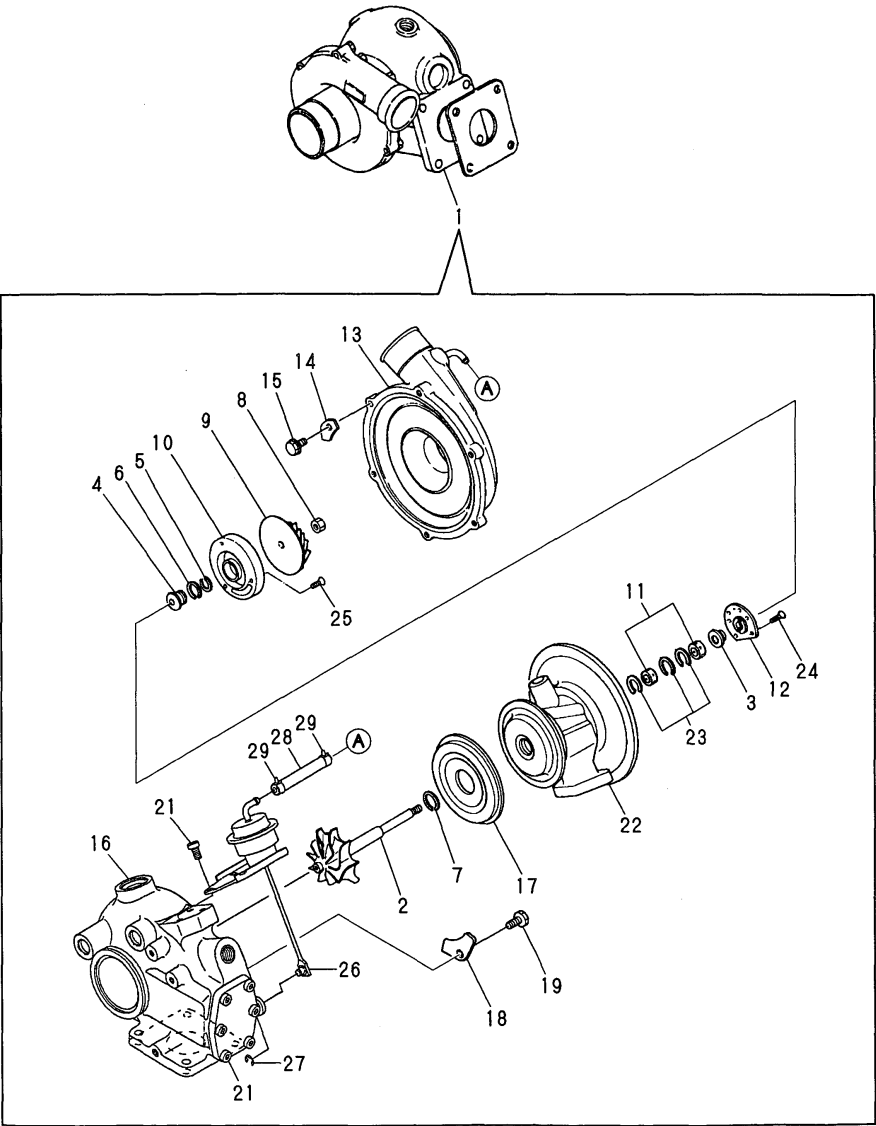
68.GASKET SET(OPTIONAL)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719173-92600	GASKET SET	1	1						
1A	1	719172-92600	GASKET SET								
2	2	119174-01340	GASKET,CYL HEAD T1.30	1	1	1	1				
3	2	119000-01771	GASKET, FLANGE	1	1	1	1				
4	2	119100-12113	GASKET, MANIFOLD	1	1	1	1				
5	2	128300-13230	PACKING	1	1	1	1				
6	2	119000-32020	GASKET, L.O.PUMP	1	1	1	1				
7	2	119000-33022	GASKET, COOLER CASE	1	1	1	1				
8	2	119000-42021	GASKET, PUMP	1	1	1	1				
9	2	977770-01212	GASKET, LIQUID	1	1	1	1				
10	2	119174-13201	GASKET(CRW COOLER	1	1						
11	2	119171-13200	GASKET(CRW COOLER				1	1			

Fig.69.TURBOCHARGER COMPONENT PART(4LHA-DTE,DTZE)

Fig.69 タービンインナーパーツ (4LHA-DTE, DTZE)
TURBOCHARGER COMPONENT PART (4LHA-DTE, DTZE)



Remarks
(1)NOT ILLUSTRATED.
(M)MISPRINT:REFER TO THE NEXT ITEM.

69.TURBOCHARGER COMPONENT PART(4LHA-DTE,DTZE)

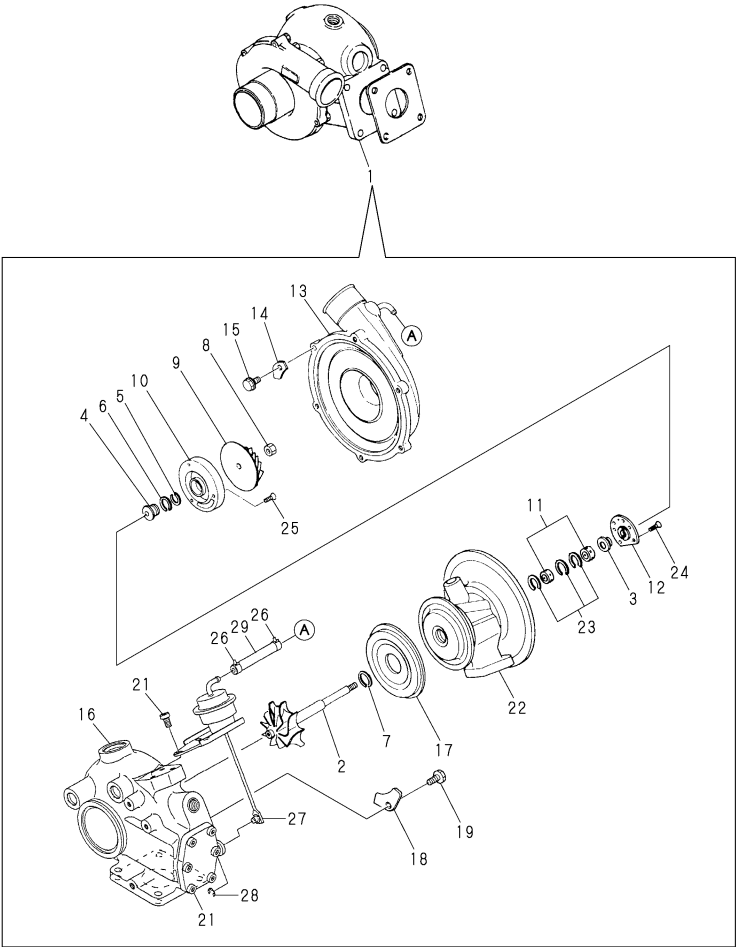
(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119173-18040	TURBOCHARGER	1	1						
1-1	1	119173-18041	TURBO-CHARGER(RHC61	1	1						N
		(A=E/#30103)	(B=E/#30104)								
2	2	XNH261301D	TURBIN SHAFT ASSY	1	1						
I 3	2	XNH261112	BUSH	1	1						Z
		(A=E/#30103)	(B=E/#30104)								
I 3-1	2	XNH261081	BUSH	1	1						W
		(A=E/#30103)	(B=E/#30104)								
I 4	2	XNH261103	OIL THROWER	1	1						Z
		(A=E/#30103)	(B=E/#30104)								
I 4-1	2	XNH261082	COVER	1	1						W
		(A=E/#30103)	(B=E/#30104)								
5	2	XNN131576	RING, SEAL	1	1						
6	2	XNN171006	SEAL RING	1	1						
7	2	XNN971007	SEAL RING	1	1						
8	2	XNH261107	NUT, SHAFT END	1	1						
9	2	XNH265520	IMPELLER, COMPRESSOR	1	1						
10	2	XNH193012	SEAL PLATE	1	1						M
I 10-1	2	XNN193012	PLATE, SEAL	1	1						
11	2	XNH263501	METAL, FLOATING	2	2						
12	2	XNH263502	BEARING, THRUST	1	1						
13	2	XNH164718	HOUSING (COMPRESSOR	1	1						M
I 13-1	2	XNH264962	HOUSING	1	1						
14	2	XNH164106	BRACKET	6	6						
15	2	XNH164105	BOLT M6	6	6						
16	2	XNH167595	HOUSING (TURBINE	1	1						M
I 16-1	2	XNH167596	HOUSING (TURBINE	1	1						
17	2	XNH163329	INSULATOR, SILENCER	1	1						
18	2	XNN137423	RETAINER	5	5						M
I 18-1	2	XNH137423	RETAINER	5	5						
19	2	XNN137007	BOLT M8	5	5						
I 20	2	XNH365311	COVER	1	1						Z 1
		(A=FROM 1ST)	(B=FROM 1ST)								
21	2	XNH362809	FLAT BOLT	9	9						
I 21-1	2	XNH362809	FLAT BOLT	6	6						K
		(A=FROM 1ST)	(B=FROM 1ST)								
22	2	XNH163376	HOUSING, BEARING	1	1						M
I 22-1	2	XNH163331	HOUSING, BEARING	1	1						
23	2	XNH977003	RETAINING RING	3	3						M
I 23-1	2	XNN977003	RETAINING RING	3	3						
24	2	XNB133206	SCREW	4	4						
25	2	XNH163006	SCREW M4	3	3						
26	2	XNH961640	ACTUATOR	1	1						
27	2	XJD532012	CIRCLIP	1	1						
28	2	XNH978919	BOOST HOSE	1	1						
29	2	XNN976562	CLAMP	2	2						

Fig.70.TURBOCHARGER COMPONENT PART(4LHA-HTE,HTZE)

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Fig.70タービンインナーパーツ (4LHA-HTE, HTZE)
TURBOCHARGER COMPONENT PART (4LHA-HTE, HTZE)



Remarks
(1)NOT ILLUSTRATED.
(2)NEW CODE NUMBERS FOR COMPONENT PARTS.
(M)MISPRINT:REFER TO THE NEXT ITEM.

70.TURBOCHARGER COMPONENT PART(4LHA-HTE,HTZE)

(A)=4LHA-DTE
(B)=4LHA-DTZE
(C)=4LHA-HTE
(D)=4LHA-HTZE
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119172-18030	TURBOCHARGER			1	1				
2	2	XNH261301D	TURBIN SHAFT ASSY			1	1				
3	2	XNH261081	BUSH			1	1				
4	2	XNH261082	COVER			1	1				
5	2	XNN131576	RING, SEAL			1	1				
6	2	XNN171006	SEAL RING			1	1				
7	2	XNN971007	SEAL RING			1	1				
8	2	XNH261107	NUT, SHAFT END			1	1				
9	2	XNH265520	IMPELLER, COMPRESSOR			1	1				
10	2	XNH193012	SEAL PLATE			1	1				M
I 10-1	2	XNN193012	PLATE, SEAL			1	1				
11	2	XNH263501	METAL, FLOATING			2	2				
12	2	XNH263502	BEARING, THRUST			1	1				
13	2	XNH264962	HOUSING			1	1				
14	2	XNH164106	BRACKET			6	6				
15	2	XNH164105	BOLT M6			6	6				
16	2	XNH167596	HOUSING(TURBINE			1	1				M
I 16-1	2	XNH167599	HOUSING(TURBINE			1	1				
17	2	XNH163329	INSULATOR, SILENCER			1	1				
18	2	XNN137423	RETAINER			5	5				M
I 18-1	2	XNH137423	RETAINER			5	5				
19	2	XNH137007	BOLT			5	5				
I 20	2	XNH365311	COVER			1	1			Z	1
(C=FROM 1ST) (D=FROM 1ST)											
21	2	XNH362809	FLAT BOLT			6	6				
22	2	XNH163376	HOUSING, BEARING			1	1				M
I 22-1	2	XNH163331	HOUSING, BEARING			1	1				
23	2	XNH977003	RETAINING RING			3	3				M
I 23-1	2	XNN977003	RETAINING RING			3	3				
24	2	XNB133206	SCREW			4	4				
25	2	XNH163006	SCREW M4			3	3				
I 26	2	XNN976562	CLAMP			2	2				2
I 27	2	XNH961640	ACTUATOR			1	1				2
I 28	2	XJD532012	CIRCLIP			1	1				2
I 29	2	XNH978919	BOOST HOSE			1	1				2