

OCF10-M50602EN

P R E F A C E

1. This parts catalog has been issued Model 3GM30(-B,C,F) parts catalog (Pub. No.000Y00R3761) .

Parts catalog No.:000Y00F5062
Date of issue :Mar. , 1995

2. This Parts Catalog covers all parts of engines produced since May, 1984 .
3. Specification and Model code.

Model	Specification	Cooling System	Model Code
3GM30	Marine main engine (for export)	Ser water cooling	128374(S,N,G)
3GM30-B	Marine main engine (domestic use)		128374(A,B,C)
3GM30C	For sail drive		128374 E
3GM30F	Marine main engine (for export)	Fresh water r cooling	128391(S,N,G)

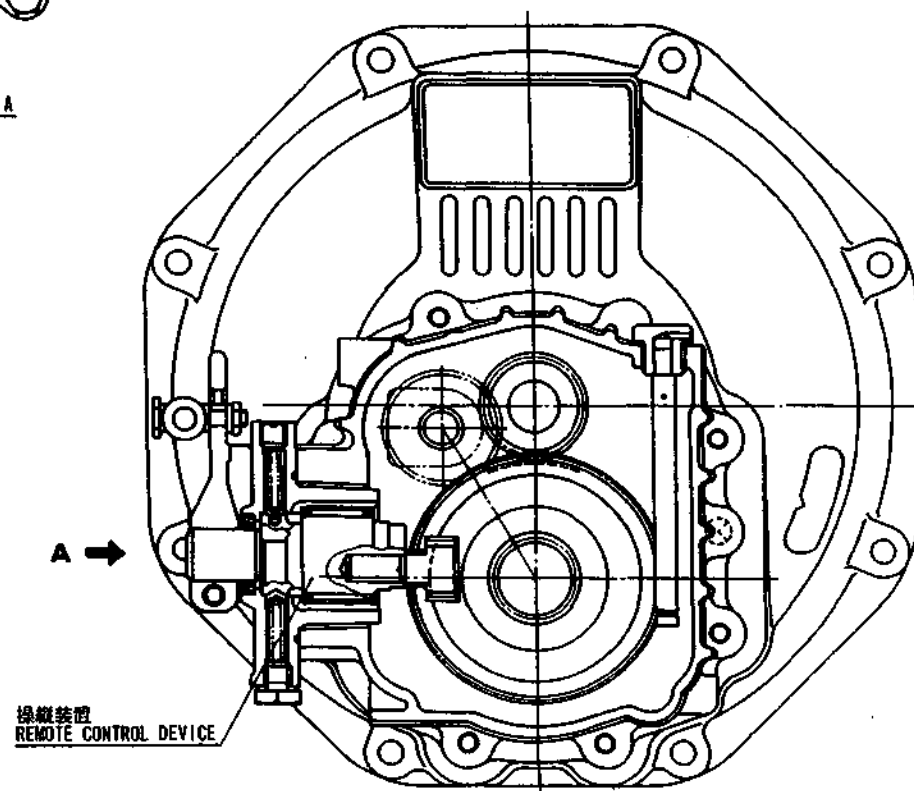
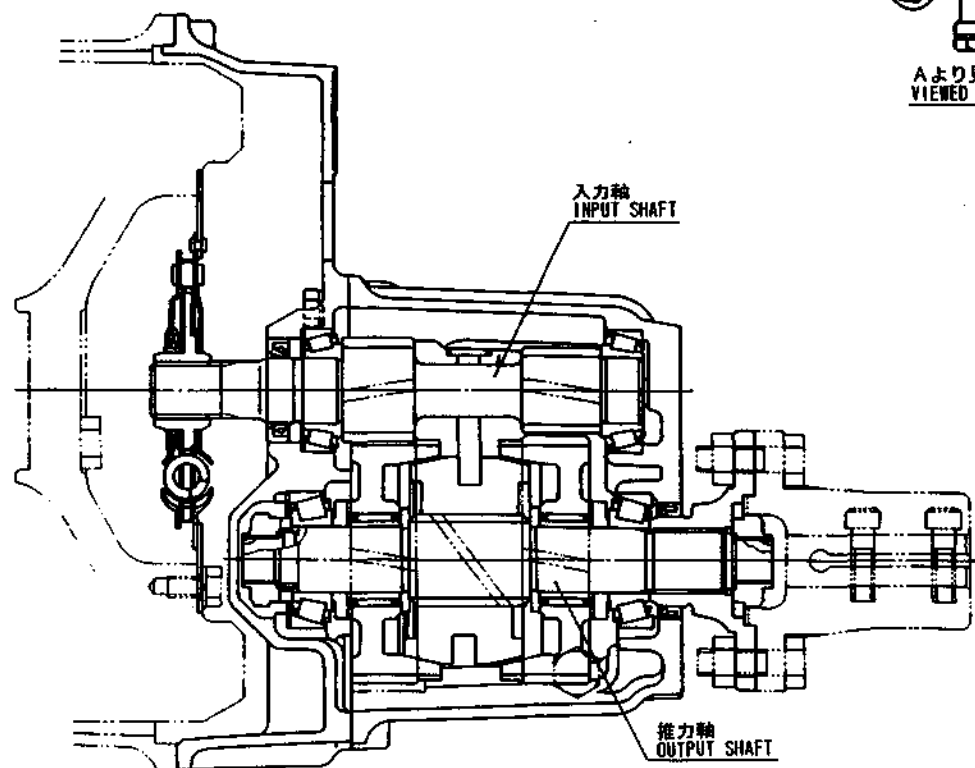
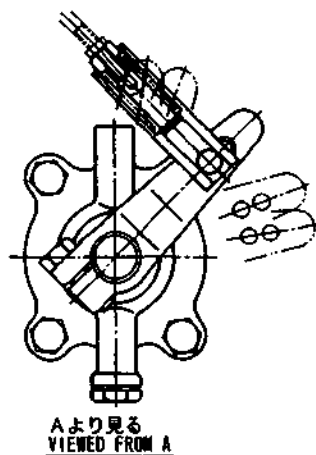
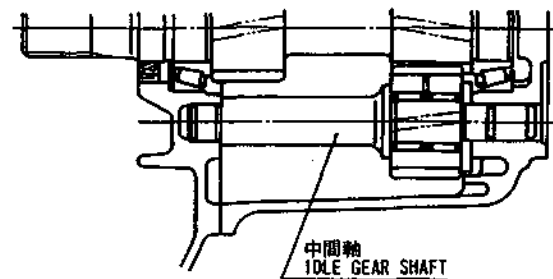
4. Parts of sail drive are not listed in this Parts Catalog. regarding these Parts, Please refer to the separate-volume "SD20/SD30 Sail drive Parts Catalog" (Pub.No.000YE0F1291)

5. Engine painting colorUrethane metallic echol silver

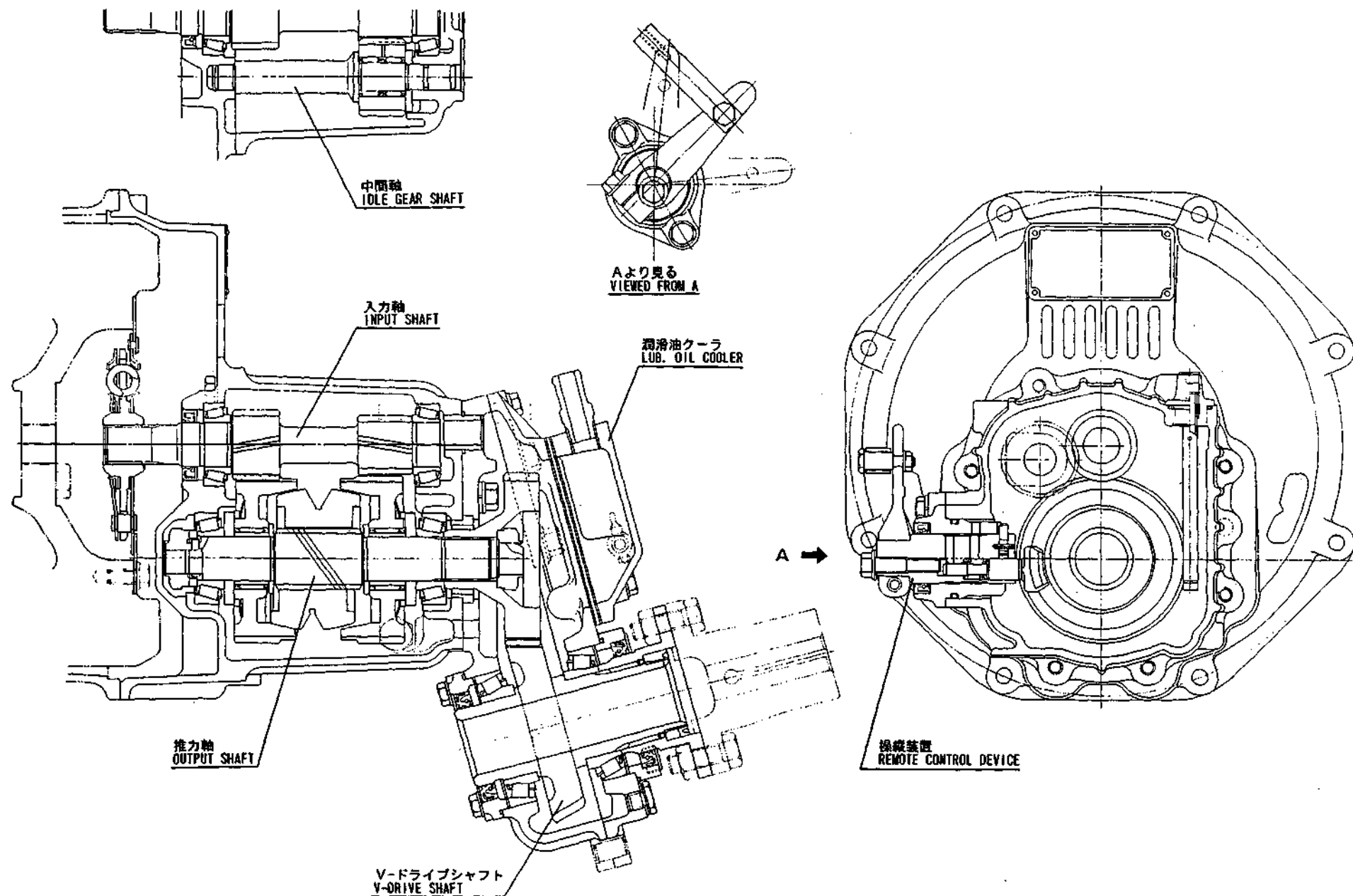
Replacement parts painted in metallic echol silver are as follows.

<u>Parts No.</u>	<u>Description</u>
977620-10070	1 ℓ (can)
977620-40070	4 ℓ (can)
977620-30071	Spray, one

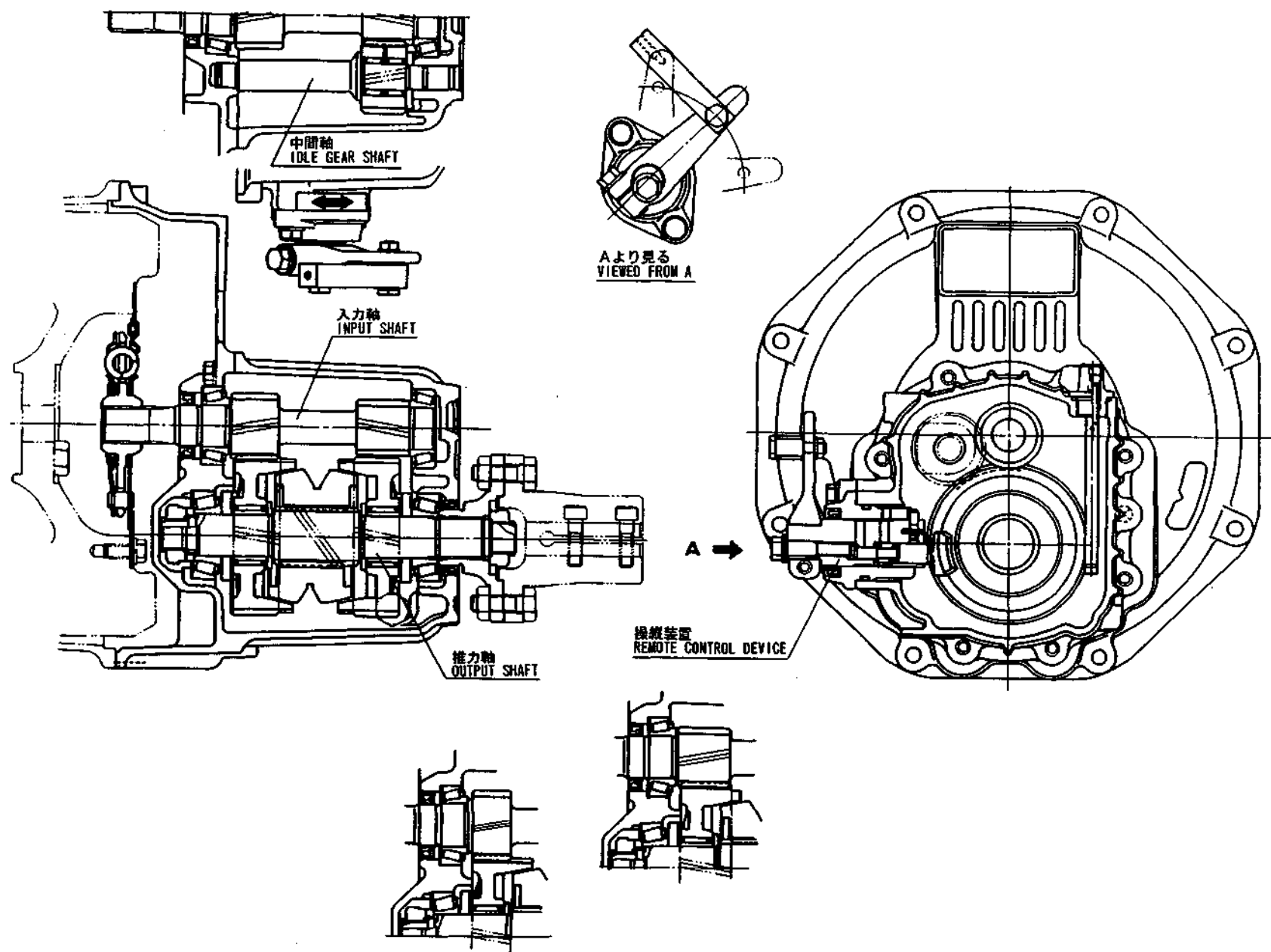
KM3-A 断面図
KM3-A SECTIONAL VIEW



KM3V 断面図
KM3V SECTIONAL VIEW



KM3P 断面図
KM3P SECTIONAL VIEW



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7.	FLYWHEEL HOUSING
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13.	ENGINE BRACKET
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23.	CAMSHAFT
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Fig. No.	Fig. Name
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33.	COOLING SEA WATER PUMP
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39.	COOLING FRESH WATER LINE
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- 71. GENERATOR COMPONENT PART
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- 73. MIXING ELBOW(OPTIONAL)
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Fig. No. Fig. Name

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- 76. KINGSTON COCK(OPTIONAL)
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- 80. COUPLING(OPTIONAL)
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- 84. PANEL(B-TYPE)(OPTIONAL)
- 85. PANEL(B-TYPE,NEW,OPTIONAL)
- 86. PANEL(A-TYPE)(OPTIONAL)
- 87. EXTENSION WIRE(OPTIONAL)
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KM3A

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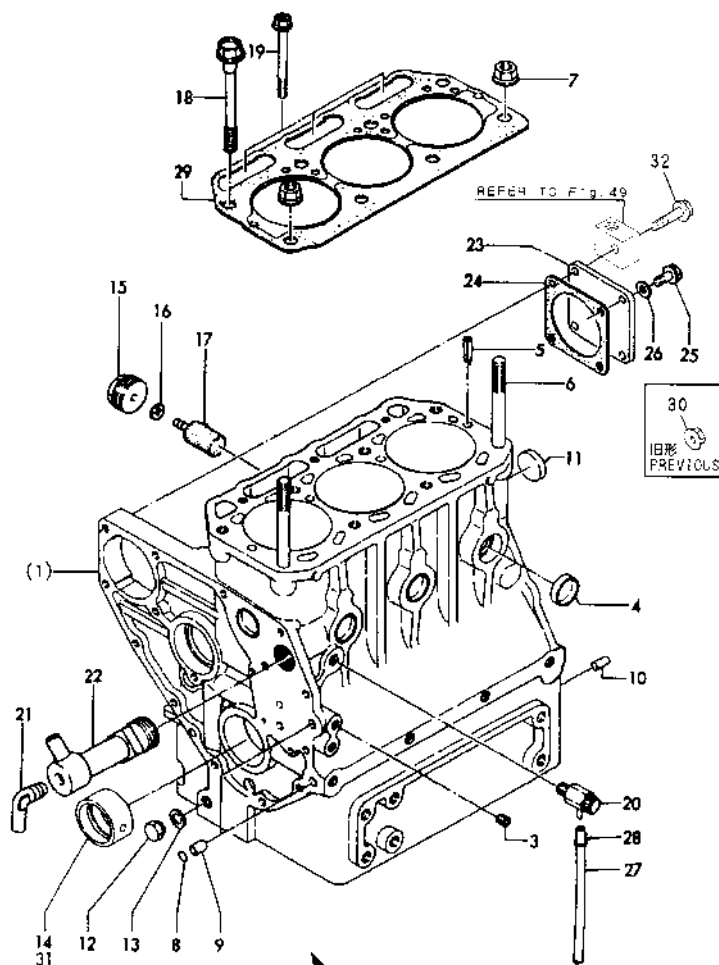
Fig. No.	Fig. Name
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KM3V

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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17を含みます。
Inc.(1) - 17

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728374-01560	BLOCK ASSY, CYLINDER	1	1	1	1				
3	2	124060-01050	PLUG, PT1/8	7	7	7	7				
4	2	105311-01090	PLUG, 30	5	5	5	5				
5	2	22351-060012	PIN, SPRING 6.0X12	2		2	2				Z
	(A=EXXX)		(C=EXXX)	(D=EXXX)							
6	2	121450-01210	BOLT, HEAD	2	2	2	2				
7	2	121450-01220	NUT, CYLINDER HEAD	2	2	2	2				
8	2	24311-000100	O-RING, 1AP10.0	2	2	2	2				
9	2	124085-01900	GUIDE	2	2	2	2				
10	2	22312-080160	PIN, PARALLEL M8X16	2	2	2	2				
10-1	2	129100-01580	PIN, M8X16	2	2	2	2				R
	(A=*1997.07)		(B=*1997.07)	(C=*1997.07)	(D=*1997.07)						
11	2	27243-300000	PLUG, 30	1		1	1				
11-1	2	121450-01990	PLUG, 30	1	1	1	1				N
	(A=EXXX)		(C=EXXX)	(D=EXXX)							
12	2	121450-01960	PLUG, PF1/4	1	1	1	1				
13	2	121450-01980	GASKET	1	1	1	1				
14	2	121450-02100	BEARING, MAIN	1	1	1	1				
15	2	128270-09300	PLUG, NPTF1	2	2	2	2				
16	2	123210-09310	GASKET	2	2	2	2				
17	2	27210-200300	ZINC, SCREW20X30	2	2	2	2				
18	1	121450-01203	BOLT, HEAD	6	6	6	6				
19	1	129350-01230	BOLT, HEAD	3	3	3	3				
20	1	128371-01800	COCK ASSY, 1/4	1	1	1	1				
21	1	105583-49910	ELBOW, PT1/4	1	1	1	1				
22	1	128270-01450	JOINT	1	1	1	1				
23	1	124240-01871	COVER	1	1	1	1				
24	1	124240-01882	GASKET	1		1	1				
24-1	1	124240-01883	GASKET	1	1	1	1				N
	(A=E/#10103)		(C=E/#00309)	(D=E/#01060)							
24-2	1	129C26-01890	GASKET, HO-P	1	1	1	1				R
	(A=EXXXXX)	(B=EXXXXX)	(C=EXXXXX)	(D=EXXXXX)							
25	1	26106-080142	BOLT, M8X 14 PLATED	2	2	2	2				
25-1	1	26106-080142	BOLT, M8X 14 PLATED	3	3	3	3				K
	(A=*1997.01)	(B=*1997.01)	(C=*1997.01)	(D=*1997.01)							
26	1	23414-080000	GASKET, 8X1.0	1	1	1	1				
27	1	23061-070200	PIPE, 7X 200	1	1	1	1				
27-1	1	23061-070300	PIPE, 7X 300	1	1	1	1				R
	(A=*1997.08)	(B=*1997.08)	(C=*1997.08)	(D=*1997.08)							
28	1	124460-77680	RETAINER	1	1	1	1				
29	1	128374-01330	GASKET, HEAD	1		1	1				
29-1	1	128374-01911	GASKET, HEAD	1	1	1	1				N
	(A=E/#04576)		(C=E/#00202)	(D=E/#00119)							
30	1	26366-080002	NUT, M8	2	2	2	2				Z
	(A=*1997.01)	(B=*1997.01)	(C=*1997.01)	(D=*1997.01)							
31	1	121450-02310	BEARING, 0.25 US	1	1	1	1				1
32	1	26106-080322	BOLT, M8X 32 PLATED	1	1	1	1				W
	(A=*1997.01)	(B=*1997.01)	(C=*1997.01)	(D=*1997.01)							

Remarks
(1) Under sized (U.S.=0.25) part.

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

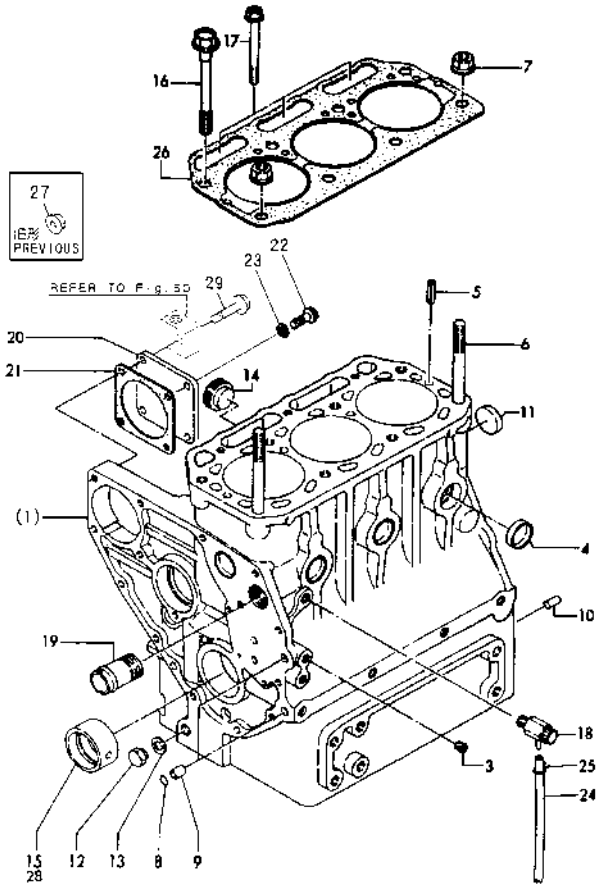
Fig.2. CYLINDER BLOCK

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

27C No. 16 No. 300F50602-2
PUBLISHED: 2000/11

Fig.2 シリンダブロック (3GM30F/FVE)
CYLINDER BLOCK (3GM30F/FVE)



見出しNo. 1は、見出しNo. (1) から15を含みます。
(Inc. (1) ~ 15)

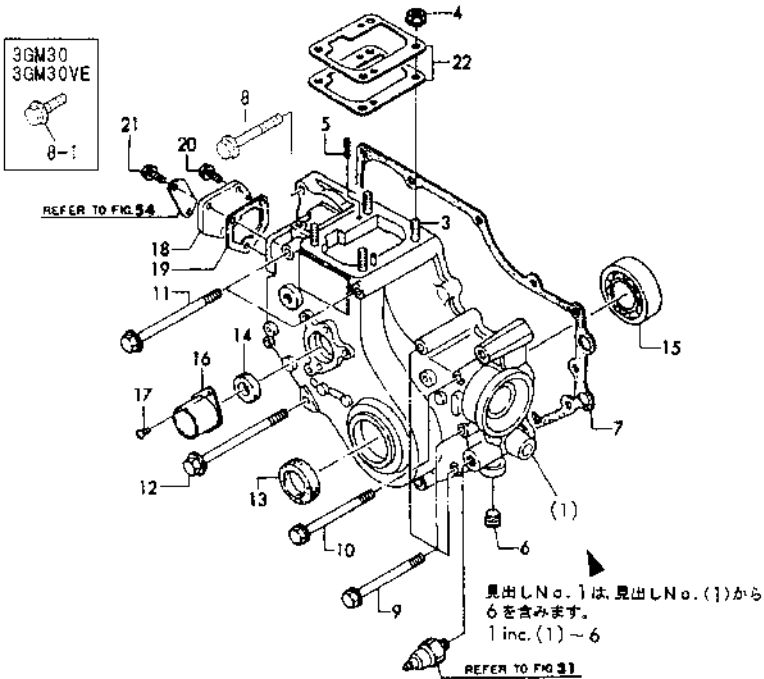
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728397-01560	BLOCK ASSY, CYLINDER					1	1		1
3	2	124060-01050	PLUG, PT1/8					7	7		
4	2	105311-01090	PLUG, 30					5	5		
5	2	22351-060012	PIN, SPRING 6.0X12					2			Z
			(E=EXXX)								
6	2	121450-01210	BOLT, HEAD					2	2		
7	2	121450-01220	NUT, CYLINDER HEAD					2	2		
8	2	24311-000100	O-RING, 1AP10.0					2	2		
9	2	124085-01900	GUIDE					2	2		
10	2	22312-080160	PIN, PARALLEL M8X16					2	2		
10-1	2	129100-01580	PIN, M8X16					2	2		R
			(E=*1997.07)								
11	2	27243-300000	PLUG, 30					1			
11-1	2	121450-01990	PLUG, 30					1	1		N
			(E=EXXX)								
12	2	121450-01960	PLUG, PF1/4					1	1		
13	2	121450-01980	GASKET					1	1		
14	2	171051-01921	PLUG, NPTF1					2	2		
15	2	121450-02100	BEARING, MAIN					1	1		
16	1	121450-01203	BOLT, HEAD					6	6		
17	1	129350-01230	BOLT, HEAD					3	3		
18	1	128371-01800	COCK ASSY, 1/4					1	1		
19	1	124160-49480	JOINT, PIPE					1	1		
20	1	124240-01871	COVER					1	1		
21	1	124240-01882	GASKET					1			
21-1	1	124240-01883	GASKET					1	1		R
			(E=E/#10104)								
21-2	1	129C26-01890	GASKET, HO-P					1	1		R
			(E=EXXXXX)								
22	1	26106-080142	BOLT, M8X 14 PLATED					2	2		
22-1	1	26106-080142	BOLT, M8X 14 PLATED					3	3		K
			(E=*1997.01)								
23	1	23414-080000	GASKET, 8X1.0					1	1		
24	1	23061-070200	PIPE, 7X 200					1	1		
25	1	124460-77680	RETAINER					1	1		
26	1	128374-01330	GASKET, HEAD					1			
26-1	1	128374-01911	GASKET, HEAD					1	1		N
			(E=E/#04594)								
27	1	26366-080002	NUT, M8					2	2		Z
			(E=*1997.01)								
28	1	121450-02310	BEARING, 0.25 US					1	1		2
29	1	26106-080322	BOLT, M8X 32 PLATED					1	1		W
			(E=*1997.01)								
			(F=*1997.01)								

Remarks
(1)Cylinder block assy of model
3GM30F is supplied as model 3GM30.
Although component parts are
partlydifferent,but interchangeable.
(2)Under-sized(U.S.=0.25)part.

Fig.3. GEAR HOUSING

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Fig.3 ギヤケース
GEAR HOUSING



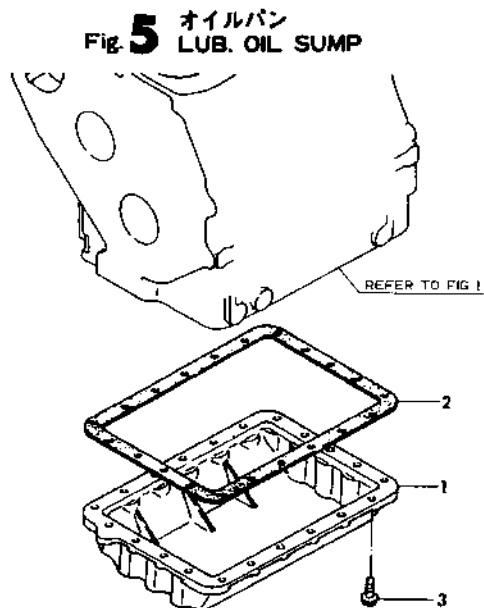
OCF10-M50602 Fig.3
(A)=3GM30
(B)=3GM30VE
(C)=3GM30B
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728370-01610	CASE ASSY, GEAR	1	1		1				
3	2	121450-01560	STUD, M8X22	4	4		4				
4	2	26366-080002	NUT, M8	4	4		4				
5	2	22351-040010	PIN, SPRING 4.0X10	2	2		2				
6	2	124060-01050	PLUG, PT1/8	1	1		1				
7	1	121575-01510	GASKET, GEAR CASE	1			1				
7-1	1	121575-01511	GASKET, GEAR CASE	1	1		1			N	
(A=E/#11532) (D=E/#01203)											
8	1	26106-080602	BOLT, M8X 60 PLATED	2	2		2				
8-1	1	26106-080302	BOLT, M8X 30 PLATED	2	2					S	
(A=*1997.01) (B=*1997.01)											
9	1	26106-080852	BOLT, M8X 85 PLATED	5	5		5				
10	1	26106-080902	BOLT, M8X 90 PLATED	1	1		1				
11	1	26106-081152	BOLT, M8X115 PLATED	2	2		2				
12	1	26106-081152	BOLT, M8X115 PLATED	2	2		2				
13	1	121450-01800	SEAL, OIL	1			1				
13-1	1	121450-01801	SEAL, TC25408	1	1		1			N	
(A=E/#11483) (D=E/#01177)											
14	1	128270-01820	SEAL, SC16286	1	1		1				
15	1	24101-063050	BEARING, BALL 6305C3	1	1		1				
16	1	128170-01830	COVER	1	1		1				
17	1	26557-060102	SCREW, M6X10	2	2		2				
18	1	121000-01850	COVER, BLOCK	1	1		1				
19	1	121575-01860	GASKET	1			1				
19-1	1	121575-01861	GASKET	1	1		1			N	
(A=E/#11532) (D=E/#01203)											
20	1	26106-060122	BOLT, M6X 12 PLATED	1	1		1				
21	1	26106-060142	BOLT, M6X 14 PLATED	2	2		2				
22	1	121450-01951	SHIM SET, ADJUSTING	1	1		1				

Fig.5. LUB. OIL SUMP

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE



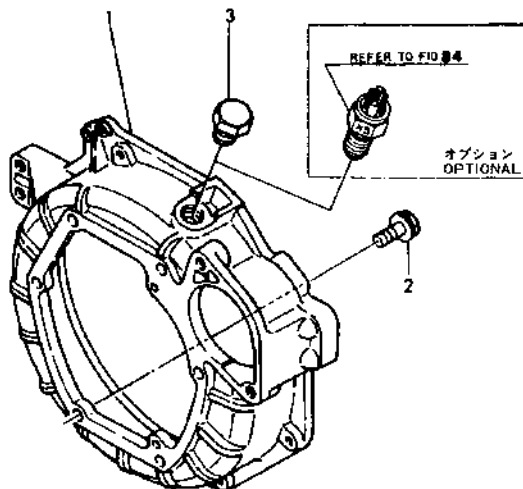
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128370-01720	SUMP, OIL	1	1	1	1	1	1		
2-1	1	121450-01751	GASKET, OIL SUMP	1	1	1	1	1	1		1
3	1	26014-060202	BOLT, M6X 20	21	21	21	21	21	21		

Remarks
1)CORRECTION OF PART NUMBER.
(PREVIOUS P/NO. IS 121000-01751)

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

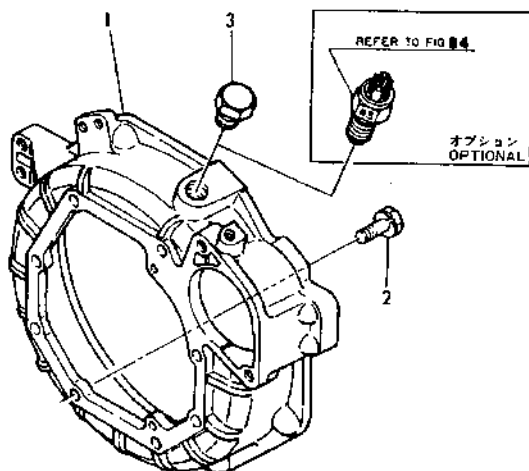
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Fig. 6 フライホイールハウジング
FLYWHEEL HOUSING



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128170-01600	FLANGE, MOUNTING	1	1	1		1	1		
2	1	26106-100252	BOLT, M10X 25 PLATED	6	6	6		6	6		
3	1	23887-180002	PLUG, 18	1	1	1		1	1		

Fig. 7 フライホイールハウジング
FLYWHEEL HOUSING



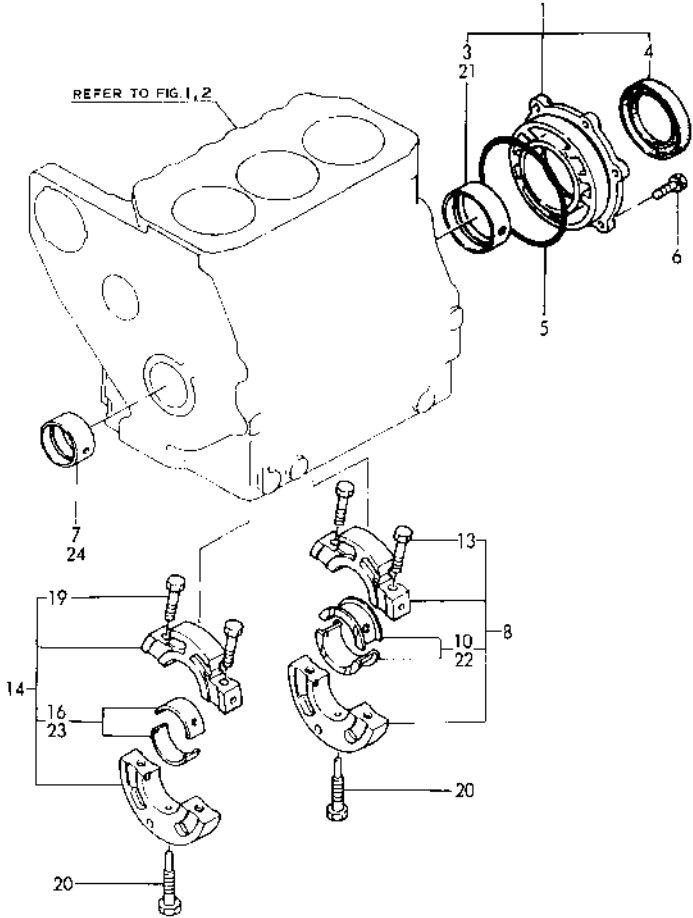
No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	128371-01601	HOUSING, FLYWHEEL				1		
2	1	26013-100252	BOLT, M10X 25				8		
3	1	23887-180002	PLUG, 18				1		

Fig.8. MAIN BEARING HOUSING

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

Fig.8 メインメタル
MAIN BEARING HOUSING

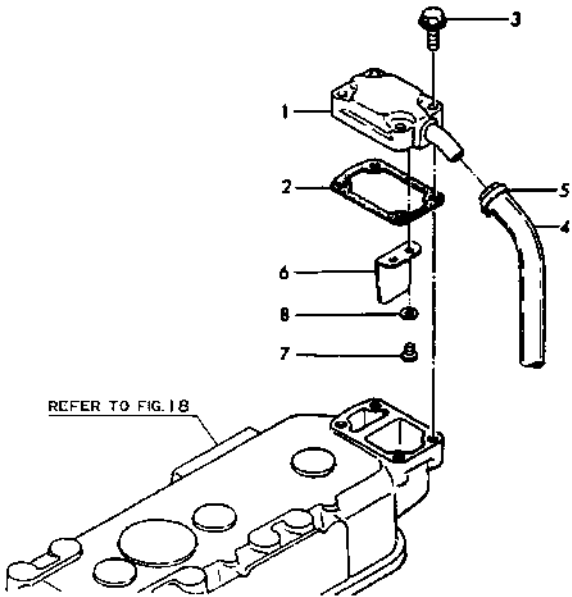


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	721450-02500	HOUSING ASSY, METAL	1	1	1	1	1	1		
3	2	121450-02110	BEARING, MAIN	1	1	1	1	1	1		
4	2	124085-02220	SEAL, OIL	1	1	1	1	1	1		
5	1	105225-02020	O-RING	1	1	1	1	1	1		
6	1	26013-080202	BOLT, M8X 20	6	6	6	6	6	6		
7	1	121450-02100	BEARING, MAIN	1	1	1	1	1	1		
8	1	721450-02611	HOUSING ASSY	1	1	1	1	1	1		
10	2	121450-02160	BEARING, MAIN	1	1	1	1	1	1		
13	2	121450-02071	BOLT	2	2	2	2	2	2		
14	1	721450-02621	HOUSING ASSY	1	1	1	1	1	1		
16	2	121450-02170	BEARING, MAIN	1	1	1	1	1	1		
19	2	121450-02071	BOLT	2	2	2	2	2	2		
20	1	105225-02300	BOLT	2	2	2	2	2	2		
21	1	121450-02320	METAL ASSY, 0.25	1	1	1	1	1	1		1
22	1	121450-02370	BEARING, 0.25 US	1	1	1	1	1	1		1
23	1	121450-02380	BEARING, 0.25 US	1	1	1	1	1	1		1
24	1	121450-02310	BEARING, 0.25 US	1	1	1	1	1	1		1

Remarks
1)UMDER-SIZED PART.(0.25)

Fig.9. BREATHER

Fig.9 ブリーザ
BREATHER



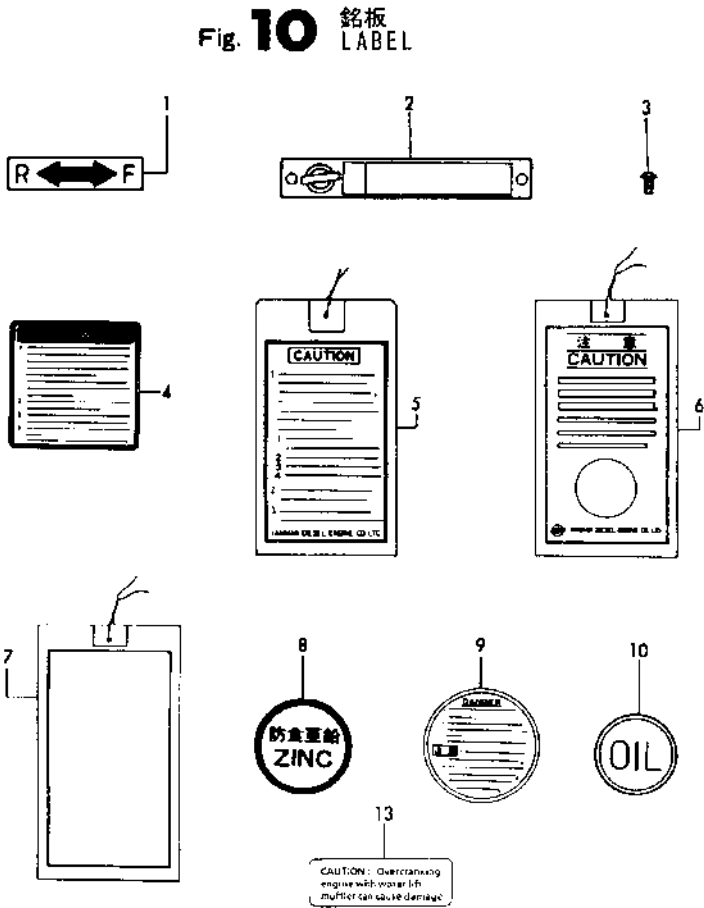
(A)=3GM30
(B)=3GM30VE
(C)=3GM30B
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121000-03020	COVER, BREATHER	1	1	1	1	1	1		
2	1	121000-03070	GASKET	1	1	1	1	1	1		
3	1	26106-060252	BOLT, M6X 25 PLATED	4	4	4	4	4	4		
4	1	121000-03200	PIPE , BREATHER	1	1	1	1	1	1		
5	1	23080-013000	CLAMP, 13	2	2	2	2	2	2		
6	1	121000-03080	PLATE, SHELTER	1	1	1	1	1	1		
7	1	26557-050102	SCREW, M5X10	2	2	2	2	2	2		
8	1	22217-050000	WASHER, SPRING 5	2	2	2	2	2	2		

Fig.10. LABEL

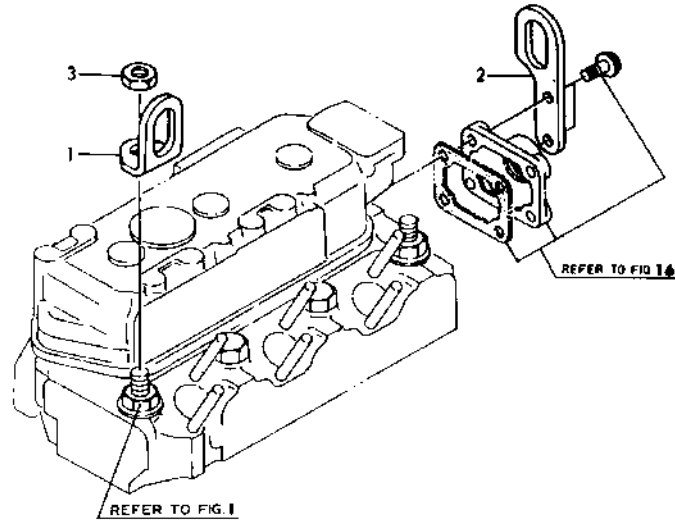
(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE



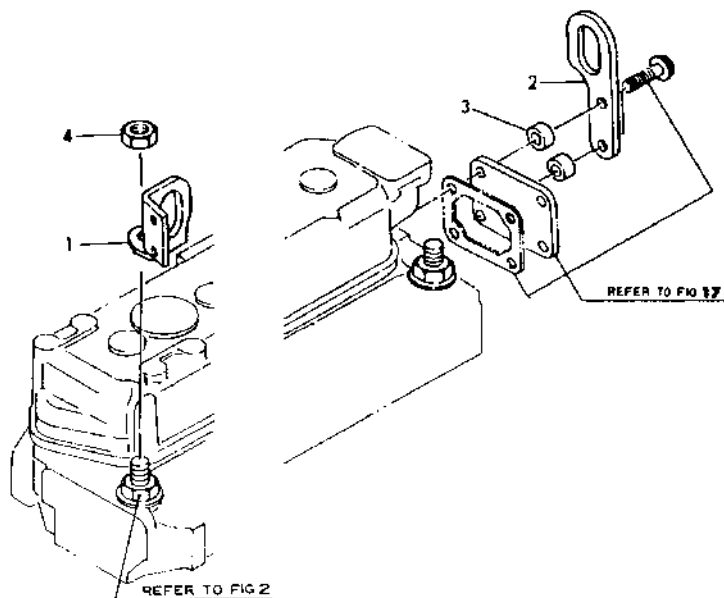
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177088-02430	LABEL	1		1		1			
2	1	105582-07061	LABEL			1					
3	1	102210-07990	RIVET			2					
4	1	127611-07350	LABEL					1			
4-1	1	129198-07350	LABEL					1	1	N	
(E=E08792)											
5	1	126630-07370	LABEL					1	1		
6	1	123682-07850	LABEL, CAUTION					1	1		
7	1	128170-07850	LABEL, CAUTION	1	1		1				
8	1	124220-09340	LABEL	3	3	3	3				
9	1	120445-44620	LABEL, CAUTION					1	1		
10	1	42222-003550	LABEL	1				1		Z	
(A=E08792)											
13	1	128171-07150	LABEL	1	1		1	1	1	W	
(A=E14382)											
(E=E14395)											

Fig. 11 吊り上げ金具
ENGINE LIFTER



				(A)=3GM30 (B)=3GM30VE (C)=3GM30B	(D)=3GM30C (E)=3GM30F (F)=3GM30FVE						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121575-07230	LIFTER	1	1	1	1				
2	1	121575-07240	LIFTER	1	1	1	1				
3	1	26776-120002	NUT, LOCK M12	1	1	1	1				

Fig. 12 吊り上げ金具
ENGINE LIFTER



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	128695-07230	LIFTER					1	1
2	1	121575-07240	LIFTER					1	1
3	1	123372-03150	SPACER					2	2
4	1	26776-120002	NUT, LOCK M12					1	1

Fig.13. ENGINE BRACKET

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128170-08100	FOOT	2	2	2	2	2	2		
2	1	128170-08120	FOOT	1	1	1	1	1	1		
3	1	128170-08130	FOOT	1	1	1	1	1	1		
4	1	26013-120302	BOLT, M12X 30	4	4	4	4	4	4		
5	1	26106-100252	BOLT, M10X 25 PLATED	4	4	4	4	4	4		

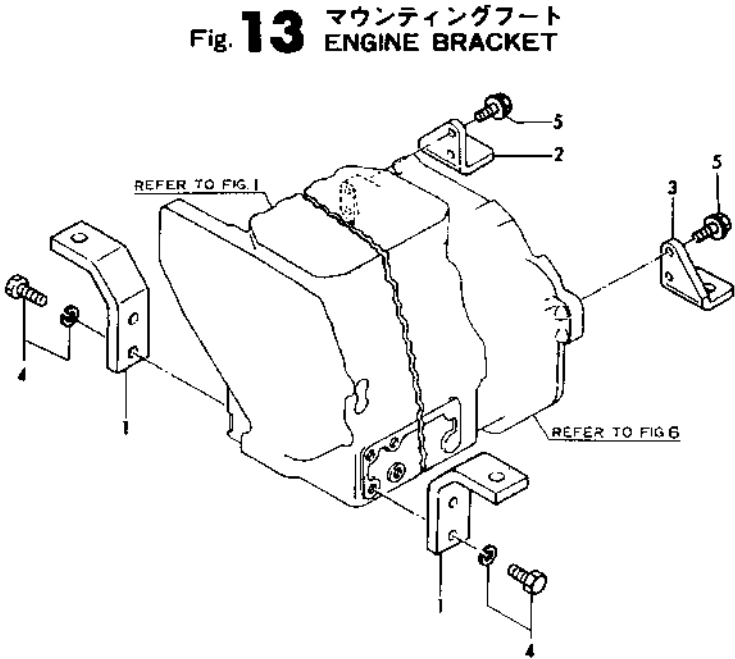


Fig.14. FLEXIBLE MOUNT

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

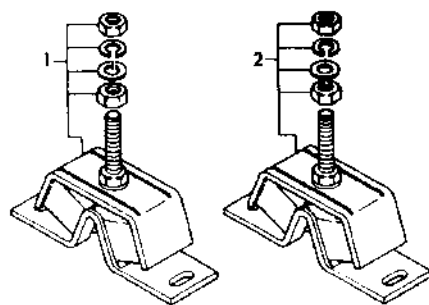
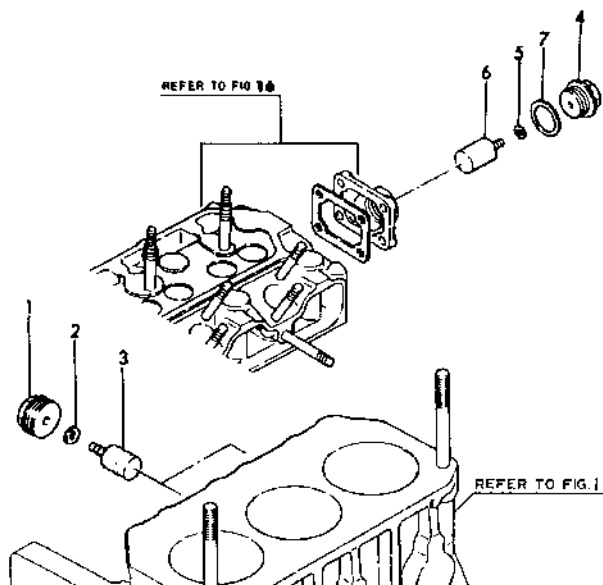
[illegible]

Fig. 15 防食亜鉛
ANTI-CORROSIVE ZINC

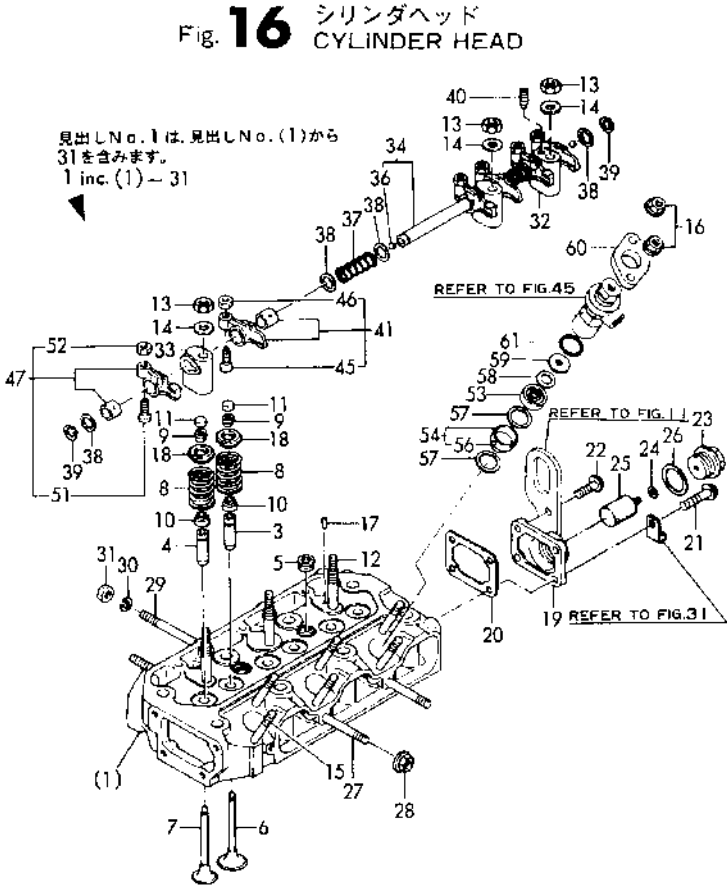


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	128270-09300	PLUG, NPTF1	2	2	2	2				
2	2	123210-09310	GASKET	2	2	2	2				
3	2	27210-200300	ZINC, SCREW20X30	2	2	2	2				
4	2	122780-09320	PLUG	1	1	1	1				
5	2	123210-09310	GASKET	1	1	1	1				
6	2	27210-200300	ZINC, SCREW20X30	1	1	1	1				
7	2	23414-250000	GASKET, 25X1.0	1	1	1	1				

Fig.16. CYLINDER HEAD

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728372-11700	HEAD ASSY, CYLINDER	1	1	1	1				
3	3	124060-11160	GUIDE, VALVE	3	3	3	3				
4	3	128272-11170	GUIDE, VALVE	3	3	3	3				
5	3	23871-030000	PLUG, R03	2	2	2	2				
6	2	105225-11100	VALVE, INTAKE	3	3	3	3				
7	2	105225-11110	VALVE, EXHAUST	3	3	3	3				
8	2	121575-11121	SPRING, VALVE	6	6	6	6				
9	2	101158-11190	COTTER	12	12	12	12				
9-1	2	27310-070001	COTTER, 7	6	6	6	6				N
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
10	2	124950-11340	SEAL, VALVE STEM	6	6	6	6				
11	2	104211-11370	CAP, VALVE	6	6	6	6				
12	2	105225-11350	STUD	3	3	3	3				
13	2	26696-100002	NUT, LOCK M10	3	3	3	3				
14	2	22137-100000	WASHER, 10	3	3	3	3				
15	2	26216-080652	STUD, M8X 65	6	6	6	6				
16	2	26366-080002	NUT, M8	6	6	6	6				
17	2	121000-11050	PIN, 4.5X12	1	1	1	1				
18	2	104200-11180	RETAINER, SPRING	6	6	6	6				
19	2	121575-11670	COVER, HEAD	1	1	1	1				
20	2	121450-11680	GASKET	1		1	1				
20-1	2	121450-11681	GASKET	1	1	1	1				N
(A=E11532) (C=E00343) (D=E01203)											
21	2	26106-080302	BOLT, M8X 30 PLATED	2	2	2	2				
22	2	26106-080302	BOLT, M8X 30 PLATED	2	2	2	2				
23	2	122780-09320	PLUG	1	1	1	1				
24	2	123210-09310	GASKET	1	1	1	1				
25	2	27210-200300	ZINC, SCREW20X30	1	1	1	1				
26	2	23414-250000	GASKET, 25X1.0	1	1	1	1				
27	2	26217-080552	STUD M 8X 55 PLATED	2	2	2	2				
28	2	26366-080002	NUT, M8	2	2	2	2				
29	2	128670-13350	STUD, M8X80	2	2	2	2				
30	2	22217-080000	WASHER, SPRING 8	6	6	6	6				
31	2	26703-080002	NUT, M8	2	2	2	2				
32	1	121450-11260	SUPPORT, ROCKER ARM	1	1	1	1				
33	1	121450-11270	SUPPORT, ROCKER ARM	2	2	2	2				
34	1	121450-11240	SHAFT ASSY, ROCKER	1	1	1	1				
36	2	24190-110001	BALL, STEEL 11/32	2	2	2	2				
37	1	121550-11280	SPRING	2	2	2	2				
38	1	121550-11290	WASHER	6	6	6	6				
39	1	22242-000140	RING, 14	2	2	2	2				
40	1	26921-080102	SCREW, M8X10	1	1	1	1				
41	1	721450-11650	ARM ASSY, ROCKER	3	3	3	3				
45	2	101158-11230	SCREW, VALVE ADJUST	3	3	3	3				
46	2	26756-080002	NUT, LOCK M8	3	3	3	3				
47	1	721450-11660	ARM ASSY, ROCKER	3	3	3	3				
51	2	101158-11230	SCREW, VALVE ADJUST	3	3	3	3				
52	2	26756-080002	NUT, LOCK M8	3	3	3	3				
53	1	128275-11410	CHAMBER	3	3	3	3				
54	1	105311-11420	CHAMBER	3	3	3	3				
56	2	103338-11430	PIN	3	3	3	3				

Fig.16. CYLINDER HEAD

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
57	1	124950-11450	GASKET, CHAMBER	6	6	6	6				
58	1	128275-11490	PROTECTOR	3	3	3	3				
59	1	128275-11500	COVER	3	3	3	3				
60	1	101147-11900	RETAINER	3	3	3	3				
61	1	24341-000260	O-RING, 1AS26.0	3	3	3	3				

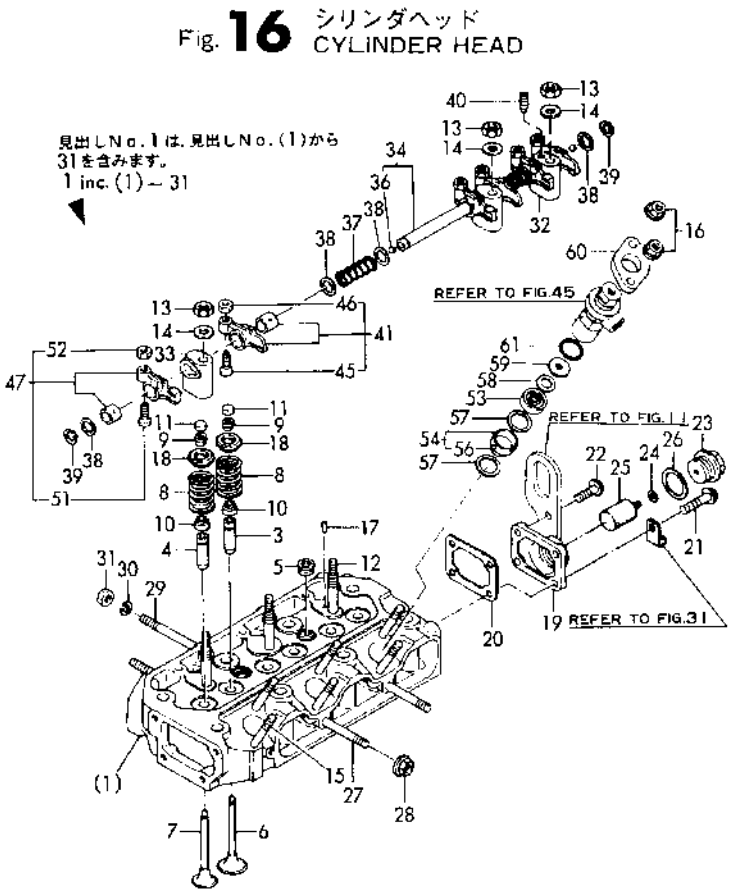
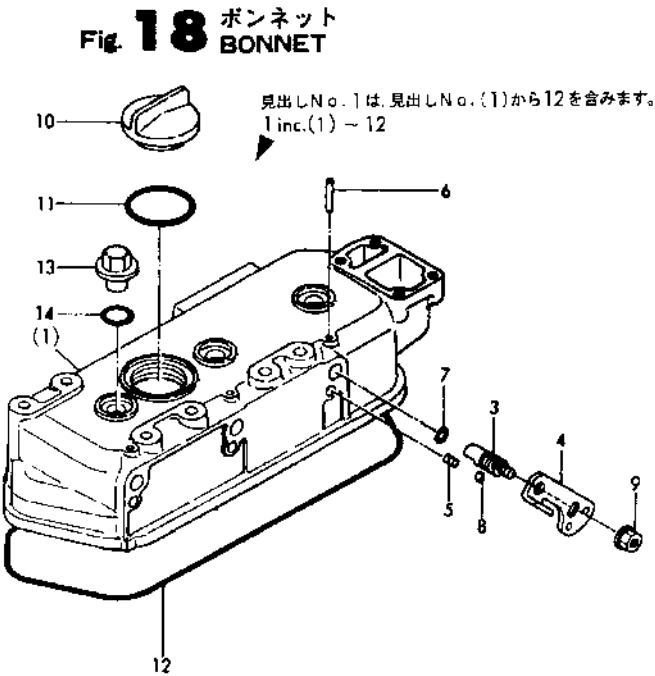


Fig.18. BONNET



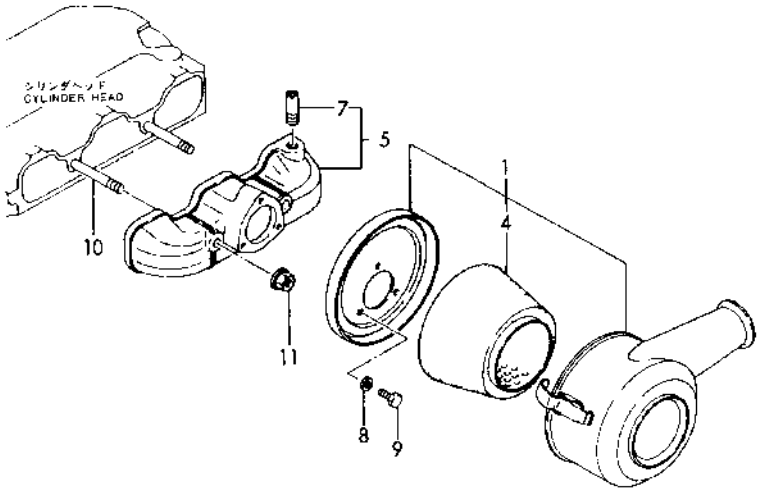
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728370-11520	BONNET ASSY, HEAD	1	1	1	1	1	1		
3	2	128270-03610	SHAFT, DECOMPRESSION	3	3	3	3	3	3		
4	2	128270-03750	LEVER, DECOMPRESSION	3	3	3	3	3	3		
5	2	128270-03640	SPRING, DECOMPRESSION	3	3	3	3	3	3		
6	2	22312-030220	PIN, PARALLEL M3X22	3	3	3	3	3	3		
7	2	24311-000070	O-RING, 1AP7.0	3	3	3	3	3	3		
8	2	24190-080001	BALL, STEEL 1/4	3	3	3	3	3	3		
9	2	26366-060002	NUT, M6	3	3	3	3	3	3		
10	2	124160-01751	COVER, FILLER	1	1	1	1	1	1		
11	2	24321-000350	O-RING, 1AG35.0	1	1	1	1	1	1		
12	2	121450-11310	GASKET, BONNET	1	1	1	1	1	1		
13	1	124160-11360	KNOB	3	3	3	3	3	3		
14	1	24311-000120	O-RING, 1AP12.0	3	3	3	3	3	3		

Fig.19. AIR INTAKE SILENCER

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

Fig. 19 吸気サイレンサ
AIR INTAKE SILENCER

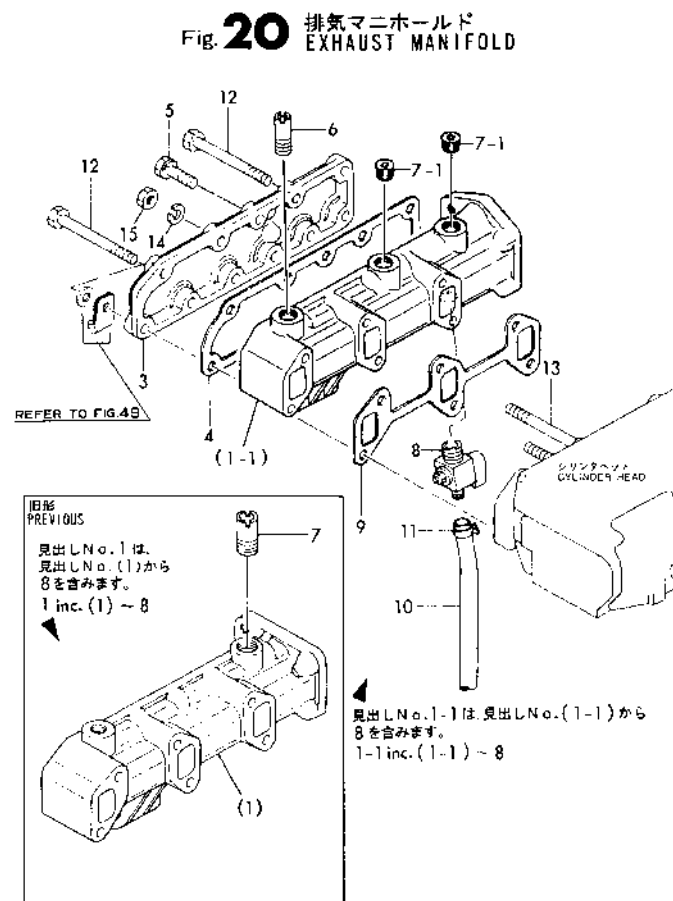


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-12500	SILENCER ASSY	1	1	1	1	1	1		
4	2	128270-12540	ELEMENT	1	1	1	1	1	1		
5	1	128370-12730	MANIFOLD ASSY,INTAKE	1	1	1	1	1	1		
7	2	124770-11770	JOINT, PIPE PT1/8	1	1	1	1	1	1		
8	1	22117-060000	WASHER, 6	3	3	3	3	3	3		
9	1	26013-060142	BOLT, M6X 14	3	3	3	3	3	3		
10	1	26217-080552	STUD M 8X 55 PLATED	2	2	2	2	2	2		
11	1	26366-080002	NUT, M8	2	2	2	2	2	2		

Fig.20. EXHAUST MANIFOLD

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728370-13500	MANIFOLD ASSY	1		1	1				
1-1	1	728370-13501	MANIFOLD ASSY	1	1	1	1			F	1
		(A=E01538)	(C=E00133)	(D=E00212)							
3	2	128370-13160	COVER, MANIFOLD	1	1	1	1				
4	2	128370-13180	GASKET	1		1	1				
4-1	2	128370-13181	GASKET	1	1	1	1				N
		(A=E11532)	(C=E00343)	(D=E01203)							
5	2	26013-080252	BOLT, M8X 25	5	5	5	5				
6	2	127610-42130	JOINT, PIPE	1	1	1	1				
7	2	121575-49300	JOINT, PIPE	1		1	1				
7-1	2	23871-030000	PLUG, R03	2	2	2	2				S
		(A=E01538)	(C=E00133)	(D=E00212)							
8	2	104200-11920	COCK, WATER	1	1	1	1				
9	1	121450-13250	GASKET	1		1	1				
9-1	1	121450-13251	GASKET, MANIFOLD	1	1	1	1				N
		(A=E11532)	(C=E00343)	(D=E01203)							
10	1	23061-100300	PIPE, 10X 300	1	1	1	1				
11	1	124223-49750	CLIP, HOSE 13	1	1	1	1				
12	1	26115-080802	BOLT, M8X 80	4	4	4	4				
13	1	128670-13350	STUD, M8X80	2	2	2	2				
14	1	22217-080000	WASHER, SPRING 8	6	6	6	6				
15	1	26703-080002	NUT, M8	2	2	2	2				

1) INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH JOINT(121575-49300),SPACER(128370-13220) & GASKET(128370-13230).

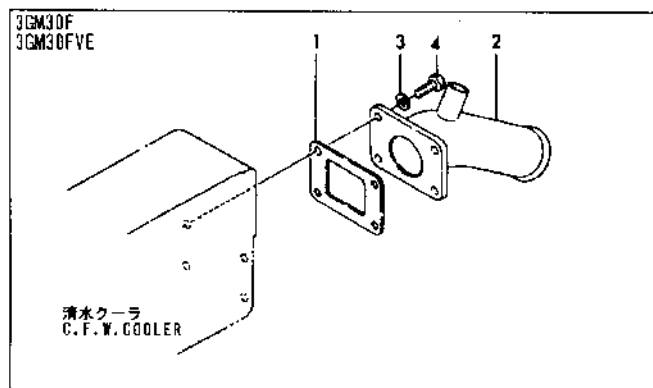
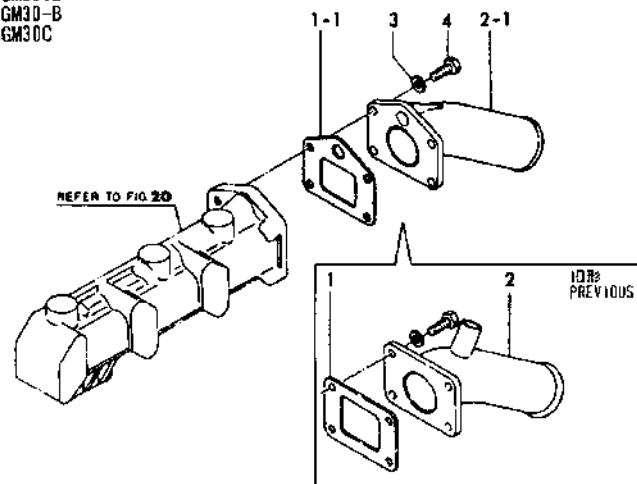
N:Old $\xrightleftharpoons[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightleftharpoons[\text{Yes}]{\text{No}}$ New, R:Old $\xrightleftharpoons[\text{Yes}]{\text{No}}$ New, S:Old $\xrightleftharpoons[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.21. MIXING ELBOW

Fig. 21 ミキシングエルボ
MIXING ELBOW

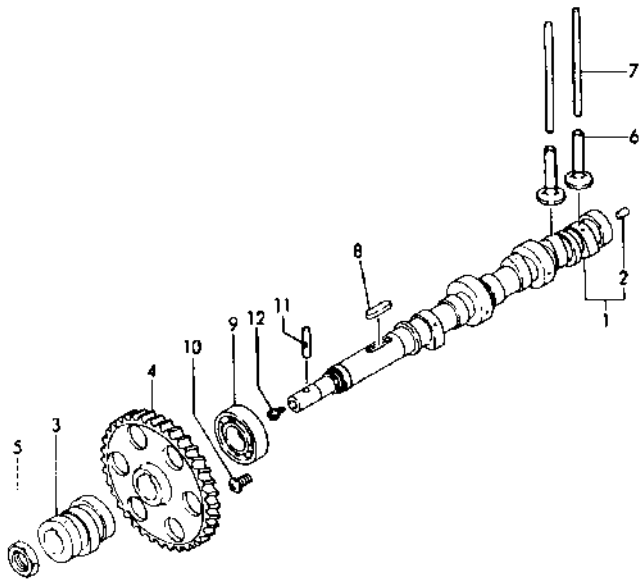
3GM30
3GM30VE
3GM30-B
3GM30C



No.	Lev.	Parts No.	Description	(A)=3GM30 (B)=3GM30VE (C)=3GM30B			(D)=3GM30C (E)=3GM30F (F)=3GM30FVE			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128370-13200	GASKET	1		1	1	1			
1-1	1	128370-13230 (A=E01538)	GASKET (C=E00133)	1		1	1				S
1-2	1	128370-13231 (A=E05446)	GASKET (C=E00215)	1	1	1	1				S
1-3	1	128370-13201	GASKET						1	1	N
2	1	128370-13530	ELBOW	1		1	1	1	1		
2-1	1	128370-13550 (A=E01538)	ELBOW (C=E00133)	1	1	1	1				S
3	1	22217-080000	WASHER, SPRING 8 (D=E00212)	4	4	4	4	4	4		
4	1	26203-080202	BOLT, M8X 20 PLATED	4	4	4	4	4	4		

Fig.22. CAMSHAFT

Fig.22 カムシャフト
CAMSHAFT



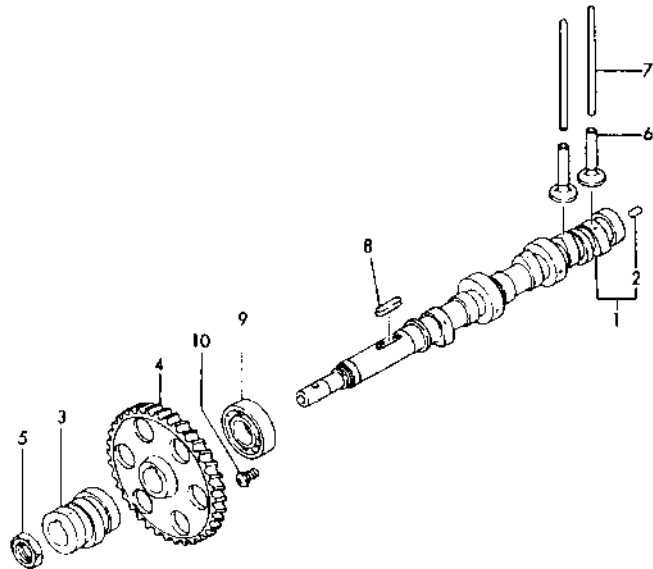
(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128370-14010	CAMSHAFT	1	1		1				
2	2	121000-14550	PLUG	1	1		1				
3	1	121575-14090	CAM, FUEL	1	1		1				
4	1	129350-14100	GEAR, CAMSHAFT	1	1		1				
5	1	128170-14150	NUT	1	1		1				
6	1	104200-14200	TAPPET	6	6		6				
7	1	121450-14400	ROD, PUSH	6	6		6				
8	1	22512-070300	KEY, 7X 30	1	1		1				
9	1	24101-062054	BEARING, BALL 6205	1	1		1				
10	1	26587-080122	SCREW, M8X12	1	1		1				
11	1	124070-14760	PIN	1	1		1				
12	1	26450-050102	BOLT, M5X 10	1	1		1				

Fig.23. CAMSHAFT

Fig.23 カムシャフト
CAMSHAFT



(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

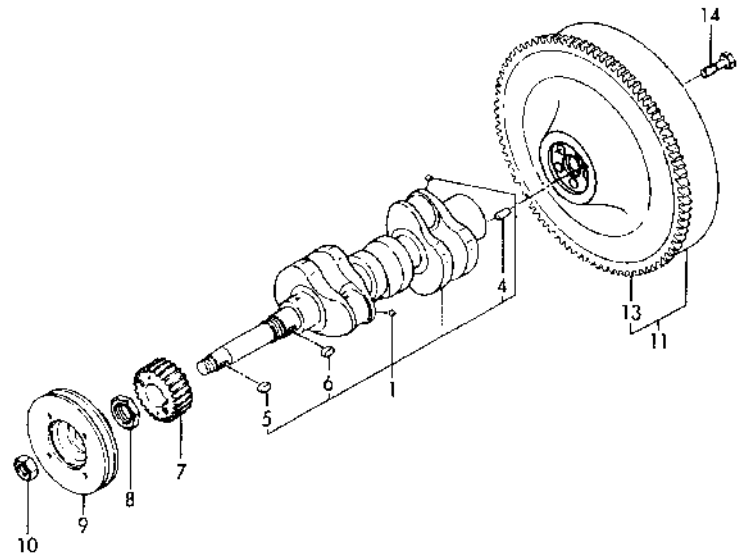
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128370-14010	CAMSHAFT			1		1	1		
2	2	121000-14550	PLUG			1		1	1		
3	1	121575-14090	CAM, FUEL			1		1	1		
4	1	129350-14100	GEAR, CAMSHAFT			1		1	1		
5	1	128170-14150	NUT			1		1	1		
6	1	104200-14200	TAPPET			6		6	6		
7	1	121450-14400	ROD, PUSH			6		6	6		
8	1	22512-070300	KEY, 7X 30			1		1	1		
9	1	24101-062054	BEARING, BALL 6205			1		1	1		
10	1	26587-080122	SCREW, M8X12			1		1	1		

Fig.24. CRANKSHAFT & FLYWHEEL

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

Fig. 24 クランクシャフト&フライホイール
CRANKSHAFT & FLYWHEEL



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	721085-21701	CRANKSHAFT ASSY	1	1	1	1	1	1		
4	2	22312-080160	PIN, PARALLEL M8X16	1	1	1	1	1	1		
5	2	22512-070180	KEY, 7X 18	1	1	1	1	1	1		
6	2	22512-070180	KEY, 7X 18	1	1	1	1	1	1		
7	1	129350-21200	GEAR, CRANKSHAFT	1	1	1	1	1	1		
8	1	121450-21540	NUT, CRANKSHAFT GEAR	1		1	1	1			
8-1	1	121450-21541	NUT, CRANKSHAFT GEAR	1	1	1	1	1	1		N
		(A=*1982.07)	(C=*1982.07)				(D=*1982.07)	(E=*1982.07)			
9	1	128370-21650	V-PULLEY	1	1	1	1	1	1		
10	1	26776-180002	NUT, LOCK M18	1	1	1	1	1	1		
11	1	128371-21590	FLYWHEEL ASSY	1	1	1	1	1	1		
13	2	124950-21600	GEAR, RING	1	1	1	1	1	1		
14	1	121574-21500	BOLT, FLYWHEEL 10 45	5	5	5	5	5	5		

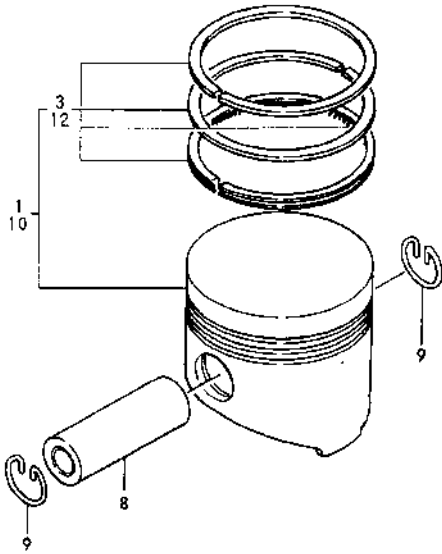
Fig.25. PISTON

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

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Fig. 25 ピストン
PISTON

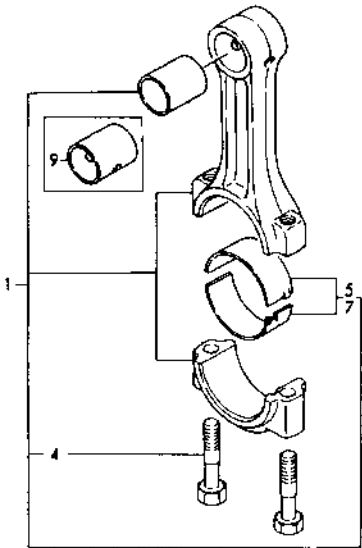


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	105311-22090	PISTON ASSY, S	3	3	3	3	3	3		
3	2	705311-22500	RING SET, PISTON	3	3	3	3	3	3		
8	1	105225-22300	PIN, PISTON	3	3	3	3	3	3		
9	1	105225-22400	CIRCLIP	6	6	6	6	6	6		
10	1	128171-22250	PISTON ASSY, 0.25 OS	3	3	3	3	3	3		1
12	2	705325-22540	RING SET, 0.25 OS	3	3	3	3	3	3		1

Remarks
(1)OVER SIZED(O.S=0.25)PART.

Fig.26. CONNECTING ROD

Fig. 26 コネクティングロッド
CONNECTING ROD



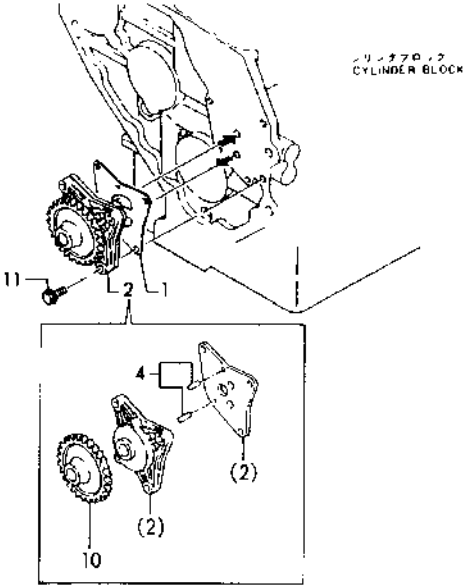
Remarks
(1) UNDER-SIZED PART.
(2) REPAIR PART.

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728171-23100	ROD ASSY, CONNECTING	3	3	3	3	3	3		
4	2	105225-23200	BOLT, CONNECTING ROD	6	6	6	6	6	6		
5	2	705311-23600	BEARING, CRANK PIN	3	3	3	3	3	3		
7	1	105311-23380	METAL ASSY, 0.25	3	3	3	3	3	3		1
9	1	105225-23180	BEARING, PISTON PIN	3	3	3	3	3	3		2

Fig.27. LUB. OIL PUMP

Fig. 27 潤滑油ポンプ
LUB. OIL PUMP

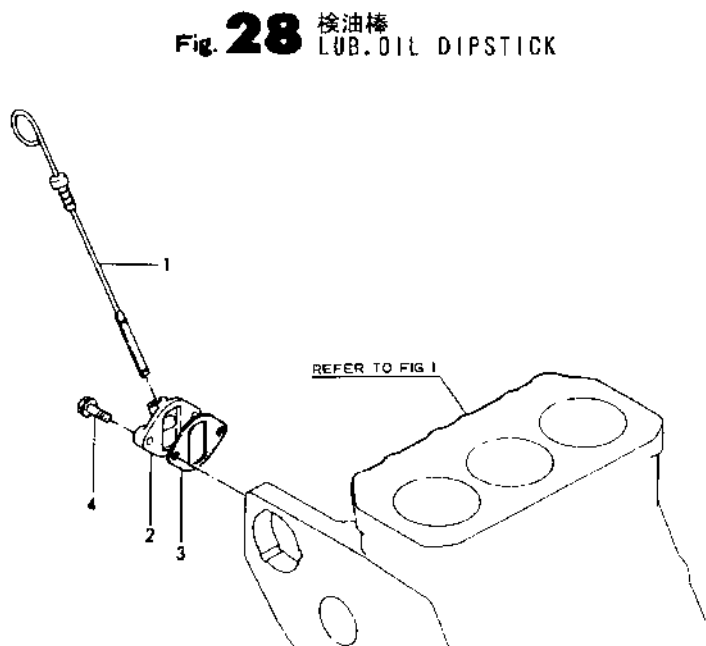


(A)=3GM30
(B)=3GM30VE
(C)=3GM30B
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121450-32021	GASKET, PUMP	1	1	1	1	1	1		
2	1	121575-32090	PUMP ASSY, OIL	1	1	1	1	1	1		
4	2	121450-32050	PIN	2		2	2	2			
4-1	2	121450-32050	PIN	1	1	1	1	1	1	K	
		(A=E02448)	(C=E00158) (D=E00106)	(E=E02340)							
4A	2	121450-32060	PIN, 4X8	1	1	1	1	1	1	W	
		(A=E02448)	(C=E00158) (D=E00106)	(E=E02340)							
10	2	121450-32200	GEAR, OIL PUMP	1	1	1	1	1	1		
11	1	26013-060222	BOLT, M6X 22	3	3	3	3	3	3		

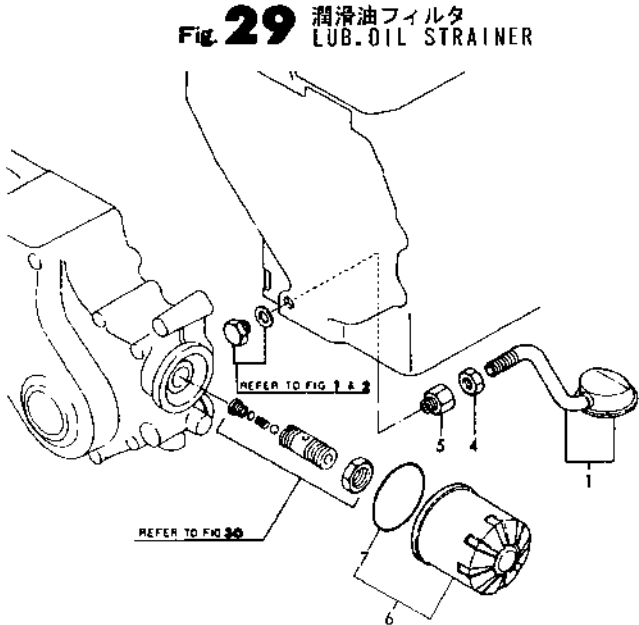
Fig.28. LUB. OIL DIPSTICK

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128370-34800	DIPSTICK, OIL	1	1	1	1	1	1		
2	1	121575-34830	BRACKET	1	1	1	1	1	1		
3	1	124160-34844	GASKET	1		1	1	1			
3-1	1	124160-34845	GASKET	1	1	1	1	1	1	1	N
		(A=E11532)	(C=E00343)	(D=E01203)	(E=E11515)						
4	1	26106-080252	BOLT, M8X 25 PLATED	2	2	2	2	2	2		

Fig.29. LUB. OIL STRAINER



(A)=3GM30
(B)=3GM30VE
(C)=3GM30B
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121450-35090	PIPE ASSY, OIL INLET	1	1	1	1	1	1		
4	1	124450-35070	NUT, PF1/4	1	1	1	1	1	1		
5	1	121150-35100	BRACKET	1	1	1	1	1	1		
6	1	124450-35100	FILTER, OIL	1		1	1	1			
6-1	1	119660-35150	FILTER, LUB. OIL	1	1	1	1	1	1	N	
		(A=E11532)	(C=E00343) (D=E01203)	(E=E11515)							
6-2	1	119305-35151	FILTER ASSY, D68XL65	1	1	1	1	1	1	N	1
		(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)	(E=EXXXXX) (F=EXXXXX)								
7	2	124450-35110	O-RING	1	1	1	1	1	1	Z	
		(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)	(E=EXXXXX) (F=EXXXXX)								

Remarks
(1)O-ring is integrated type.
(integrated to the LO.filter)

Fig.30. L.O.PRESS.REGULATING VALVE

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124085-35300	VALVE ASSY, CONTROL	1	1	1	1	1	1		
7	1	124085-35350	NUT, M20	1	1	1	1	1	1		

Fig.30 潤滑油調圧弁
L.O.PRESS.REGULATING VALVE

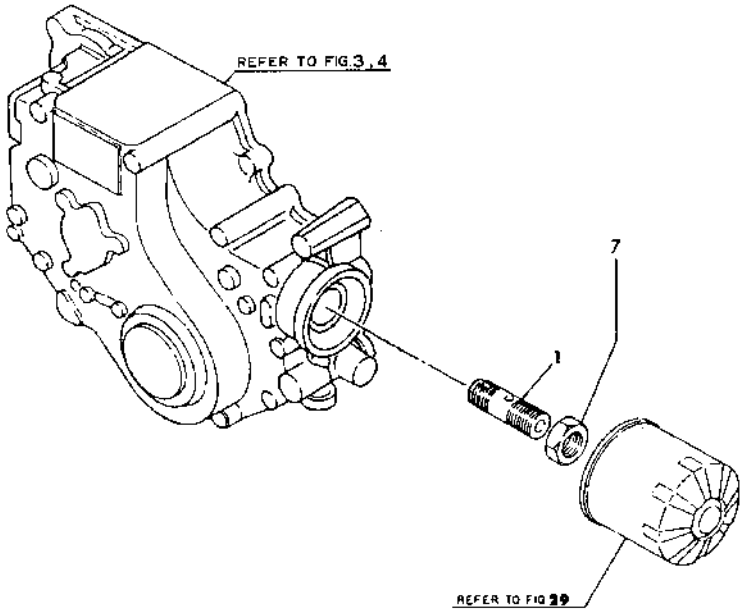
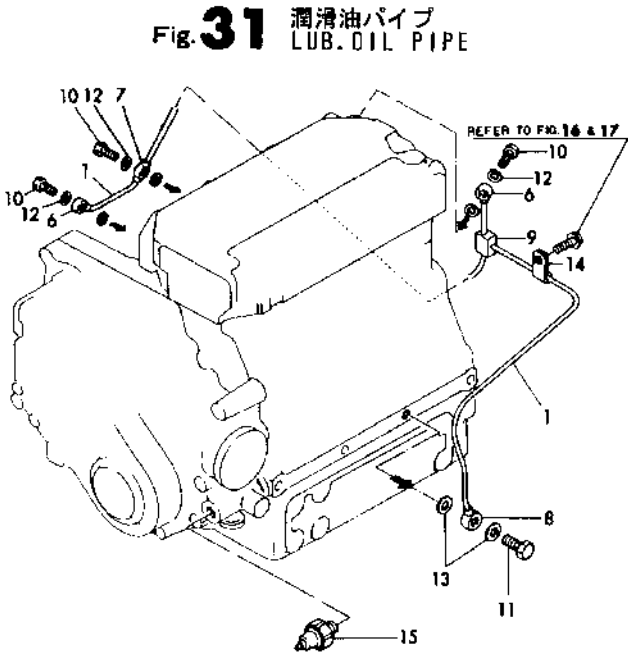


Fig.31. LUB. OIL LINE



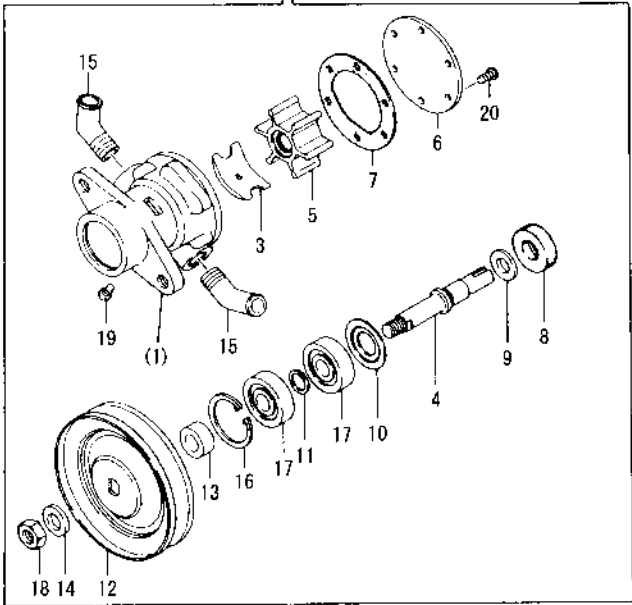
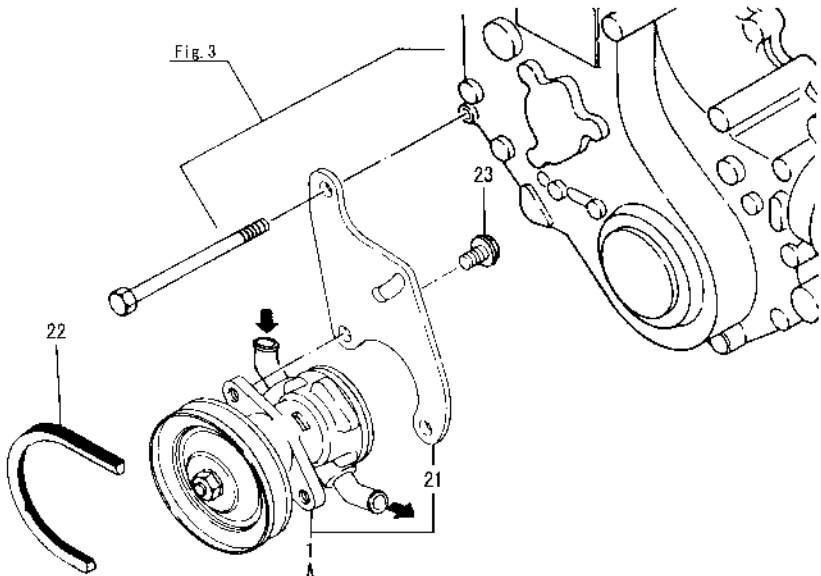
(A)=3GM30
(B)=3GM30VE
(C)=3GM30B
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128370-39200	PIPE, OIL	1	1	1	1	1	1		
6	2	103288-39170	JOINT, PIPE	2	2	2	2	2	2		
7	2	124450-39180	JOINT, PIPE	1	1	1	1	1	1		
8	2	124160-39540	JOINT, PIPE 10	1	1	1	1	1	1		
9	2	121750-39550	JOINT, 3-WAY	1	1	1	1	1	1		
10	1	124550-59820	BOLT, PIPE JOINT M8	3	3	3	3	3	3		
11	1	124160-39140	BOLT, PIPE JOINT M10	1	1	1	1	1	1		
12	1	23414-080000	GASKET, 8X1.0	6	6	6	6	6	6		
13	1	23414-100000	GASKET, 10X1.0	2	2	2	2	2	2		
14	1	124450-39240	RETAINER, PIPE	1	1	1	1	1	1		
15	1	124060-39451	SWITCH, 0.2KG	1	1	1	1	1	1		

Fig.32. COOLING SEA WATER PUMP

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

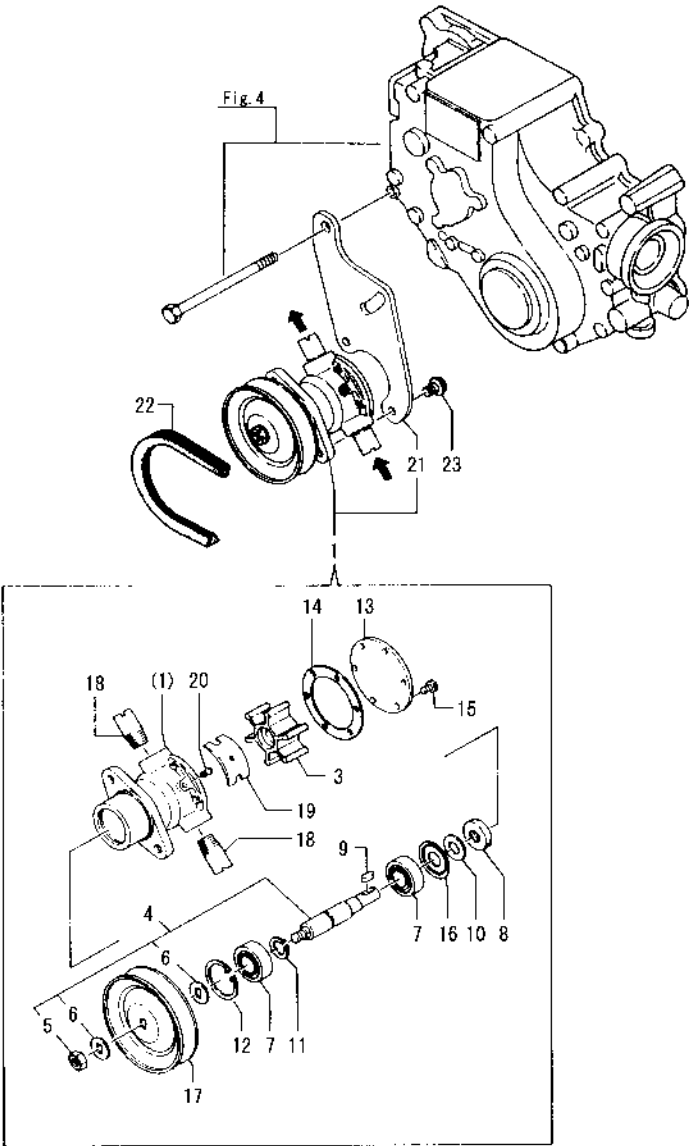


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-42000	PUMP ASSY, WATER	1	1	1	1				
3	2	104211-42050	CAM	1	1	1	1				
4	2	124070-42060	SHAFT, IMPELLER	1	1	1	1				
5	2	104211-42070	IMPELLER	1	1	1	1				
6	2	104211-42080	COVER	1	1	1	1				
7	2	104211-42090	GASKET	1	1	1	1				
8	2	104211-42100	SEAL, TC10X25X7	1	1	1	1				
9	2	104211-42110	PLATE	1	1	1	1				
10	2	104211-42120	COVER, BEARING	1	1	1	1				
11	2	104211-42130	PIECE, DISTANCE	1	1	1	1				
12	2	124070-42400	V-PULLEY	1	1	1	1				
13	2	124070-42410	COLLAR	1	1	1	1				
14	2	124070-42420	WASHER	1	1	1	1				
15	2	128270-49300	ELBOW, 1/4	2	2	2	2				
16	2	22252-000300	RING, 30	1	1	1	1				
17	2	24107-062004	BEARING, BALL 6200ZZ	2	2	2	2				
18	2	26347-080002	NUT, M8	1	1	1	1				
19	2	26554-040062	SCREW, M4X 6	1	1	1	1				
20	2	26554-040082	SCREW, M4X 8	6	6	6	6				
21	2	128270-42150	BRACKET, PUMP	1	1	1	1				
22	1	104511-78780	V-BELT, M/19	1	1	1	1				
23	1	26106-080122	BOLT, M8X 12 PLATED	2	2	2	2				

Fig.33. COOLING SEA WATER PUMP

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

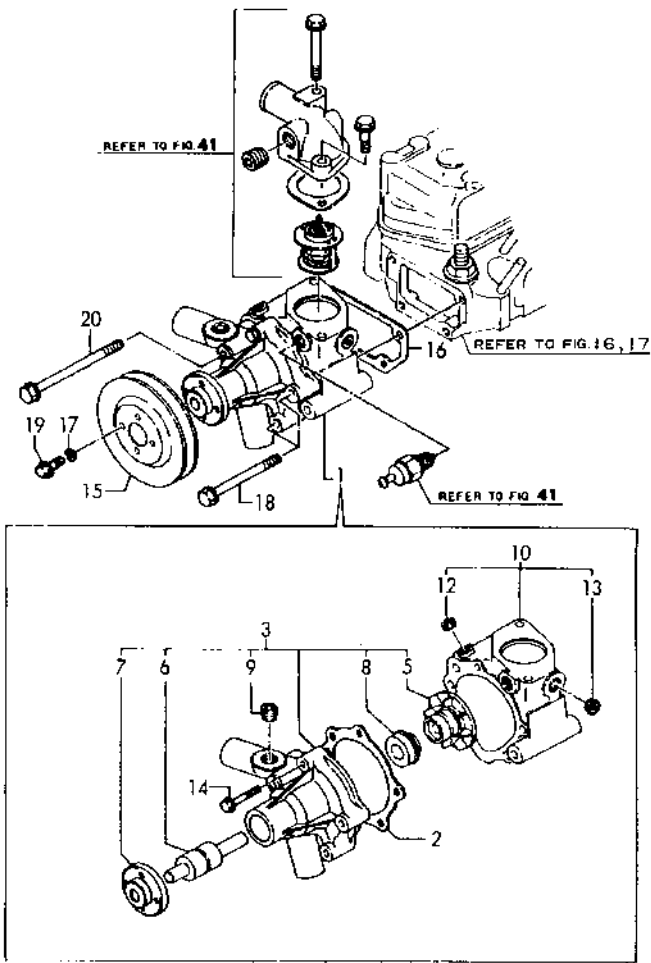
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121575-42000	PUMP ASSY, WATER					1	1		
3	2	124223-42091	IMPELLER					1	1		
4	2	121575-42020	SHAFT					1	1		
5	3	26347-080002	NUT, M8					1	1		
6	3	124070-42420	WASHER					2	2		
7	2	24107-062024	BEARING, BALL 6202ZZ					2	2		
8	2	124223-42080	SEAL, TC13X28X7					1	1		
9	2	124223-42040	KEY					1	1		
10	2	124223-42070	PIECE					1	1		
11	2	22242-000150	RING, 15					1	1		
12	2	22252-000350	RING, 35					1	1		
13	2	121575-42150	COVER					1	1		
14	2	124223-42110	GASKET, WATER PUMP					1	1		
15	2	26554-040082	SCREW, M4X 8					6	6		
16	2	121575-42120	COVER, BEARING					1	1		
17	2	124070-42400	V-PULLEY					1	1		
18	2	121575-49300	JOINT, PIPE					2	2		
19	2	124323-42100	CAM, IMPELLER					1	1		
20	2	26554-040102	SCREW, M4X10					1	1		
21	2	128270-42150	BRACKET, PUMP					1	1		
22	1	104511-78780	V-BELT, M/19					1	1		
23	1	26106-080122	BOLT, M8X 12 PLATED					2	2		

Fig.34. COOLING FRESH WATER PUMP

Fig.34 冷却水ポンプ(清水)
COOLING FRESH WATER PUMP



(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

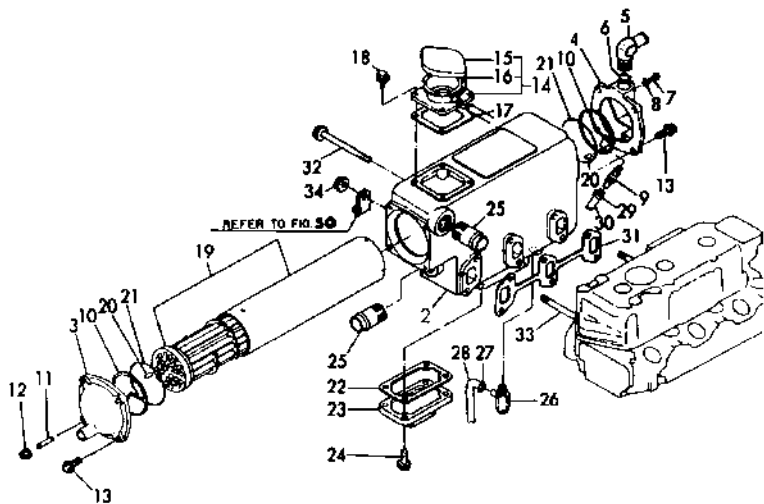
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128695-42010	PUMP ASSY, WATER					1	1		
2	2	121000-42051	GASKET, WATER PUMP					1	1		
3	2	121000-42100	PUMP ASSY, WATER					1	1		
5	3	129350-42200	IMPELLER					1	1		
6	3	121450-42240	BEARING, SHAFT					1	1		
7	3	121450-42260	FLANGE, V-PULLEY					1	1		
8	3	121450-42310	SEAL, MECHANICAL					1	1		
9	3	23871-030000	PLUG, R03					1	1		
10	2	728695-43500	BRACKET ASSY					1	1		
12	3	23871-020000	PLUG, R02					1	1		
13	3	23871-030000	PLUG, R03					1	1		
14	2	26106-060322	BOLT, M6X 32 PLATED					1	1		
15	1	128695-42350	V-PULLEY					1	1		
16	1	121450-44410	GASKET					1	1		
17	1	22217-060000	WASHER, SPRING 6					4	4		
18	1	26106-080902	BOLT, M8X 90 PLATED					3	3		
19	1	26106-060102	BOLT, M6X 10 PLATED					4	4		
20	1	26106-081102	BOLT, M8X110 PLATED					1	1		

Fig.35. COOLING FRESH WATER COOLER

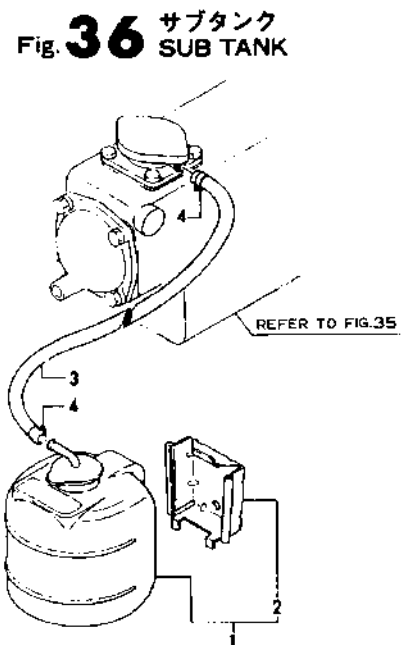
(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

Fig.35 清水クーラ
COOLING FRESH WATER COOLER

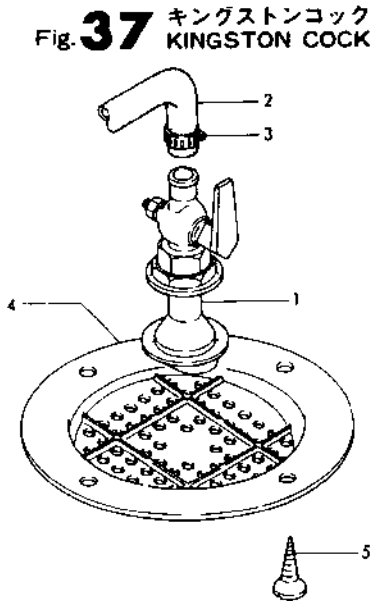


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728390-44500	COOLER ASSY, WATER					1			
1-1	1	128390-44900	COOLER ASSY, WATER					1	1	N	
(E=E11046)											
2	2	128390-44010	BODY, TANK					1	1		
3	2	128695-44050	COVER, COOLER					1	1		
4	2	128690-44060	COVER, COOLER					1	1		
5	2	128690-49310	ELBOW					1	1		
6	2	24311-000160	O-RING, 1AP16.0					1	1		
7	2	26554-050102	SCREW, M5X10					1	1		
8	2	23414-050000	GASKET, 5X1.0					1	1		
9	2	128695-44090	COCK					1	1		
10	2	128695-44070	GASKET					2	2		
11	2	26216-060182	STUD, M6X 18					1	1		
12	2	26366-060002	NUT, M6					1	1		
13	2	26106-060182	BOLT, M6X 18 PLATED					7	7		
14	2	123682-44190	FILLER ASSY					1	1		
15	3	123682-44210	CAP, RADIATOR					1	1		
16	3	123682-44220	CHAIN					1	1		
17	2	123682-44200	GASKET					1			
17-1	2	123682-44201	GASKET					1	1	N	
(E=E11515)											
18	2	26106-060142	BOLT, M6X 14 PLATED					4	4		
19	2	128390-44401	PIPE ASSY, COOLING					1	1		
20	2	124790-44470	PIN					2	2		
21	2	24311-000700	O-RING, 1AP70.0					2	2		
22	2	128390-44490	GASKET					1			
22-1	2	128390-44491	GASKET					1	1	N	
(E=E11515)											
23	2	128390-44480	COVER, TANK					1	1		
24	2	26106-080202	BOLT, M8X 20 PLATED					4	4		
25	2	124160-49480	JOINT, PIPE					2	2		
26	2	120130-49350	COCK, 1/4					1	1		
27	1	124460-77680	RETAINER					1	1		
28	1	23061-070300	PIPE, 7X 300					1	1		
29	1	124722-59050	CLIP, HOSE 9					1			
29-1	1	124460-77680	RETAINER					1	1	N	
(E=E13317)											
30	1	23061-070300	PIPE, 7X 300					1	1		
31	1	121450-13250	GASKET					1			
31-1	1	121450-13251	GASKET, MANIFOLD					1	1	N	
(E=E11515)											
32	1	26106-080902	BOLT, M8X 90 PLATED					4	4		
33	1	26216-080902	STUD, M8X 90					2	2		
34	1	26366-080002	NUT, M8					2	2		



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	120445-44530	TANK, SUB					1	1
2	2	120445-44540	SUPPORT					1	1
3	1	124790-44560	PIPE, WATER L=1000					1	1
4	1	23010-013000	CLAMP 13					2	2

Fig.37. KINGSTON COCK



(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	43662-010030	COCK ASSY, SEA WATER	1	1	1					1
2	1	104211-49080	PIPE, 13/20X2M	1	1	1					1
3	1	23000-022000	CLAMP, 22	3	3	3					1
4	1	43666-020951	COVER, STRAINER	1	1	1					1
5	1	22724-800380	SCREW, 8.0X38	4	4	4					1

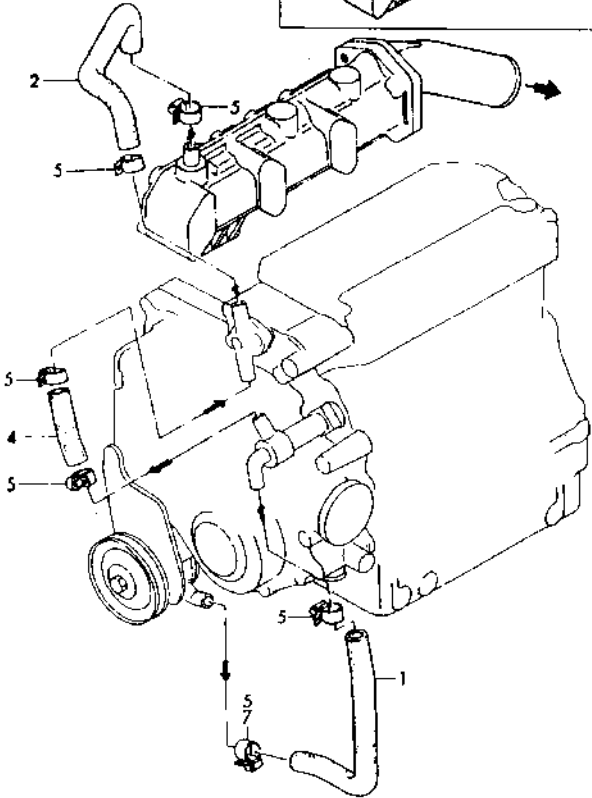
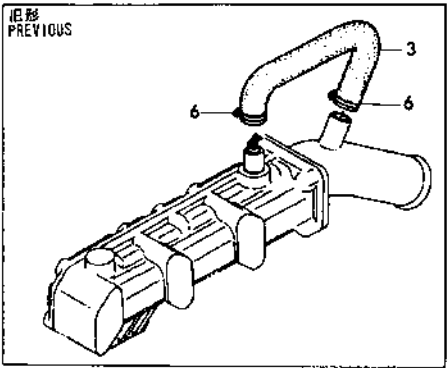
Remarks
1)OPTIONAL FOR 3GM30 & 3GM30VE

Fig.38. COOLING SEA WATER LINE

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

Fig.38 冷却水パイプ(海水)
COOLING SEA WATER PIPE



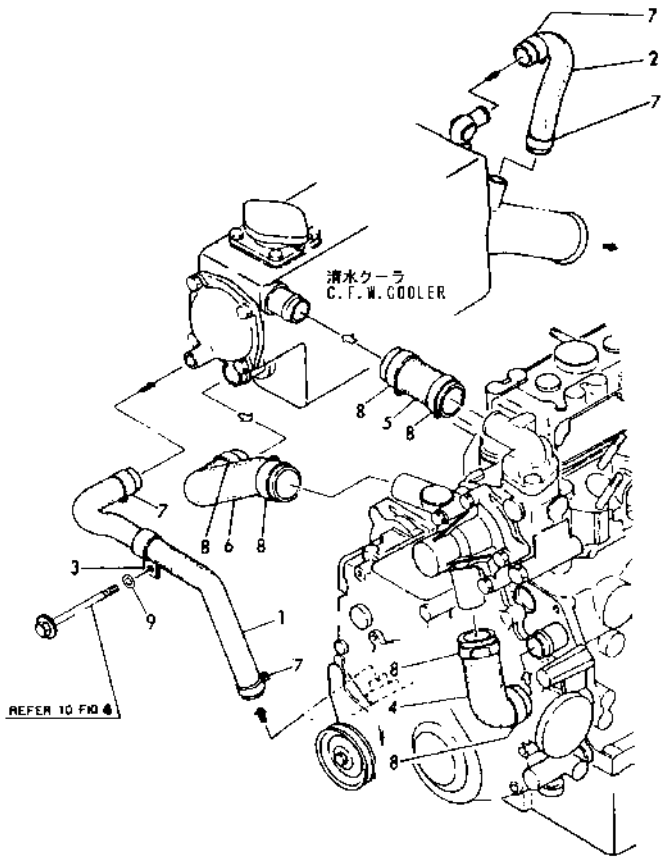
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-49010	PIPE, WATER	1		1	1				
1A	1	121370-49040	PIPE, WATER		1						
2	1	128370-49020	PIPE, WATER	1	1	1	1				
3	1	121370-49040 (A=E01538)	PIPE, WATER (C=E00133) (D=E00212)	1		1	1				Z
4	1	128270-49050	PIPE, WATER	1	1	1	1				
5	1	23000-022000	CLAMP, 22	6	4	6	6				
6	1	23000-025000 (A=E01538)	CLAMP, 25 (C=E00133) (D=E00212)	2		2	2				Z
7	1	23000-025000	CLAMP, 25		2						

Fig.39. COOLING FRESH WATER LINE

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

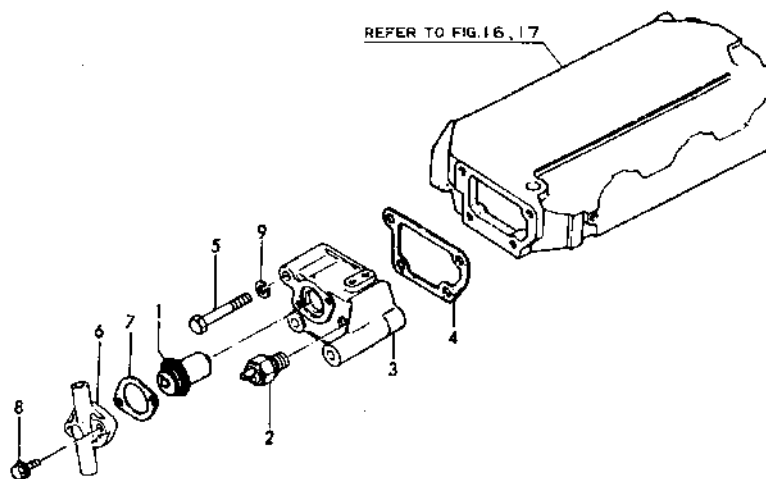
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

Fig.39 冷却水パイプ(淡水)
COOLING FRESH WATER PIPE

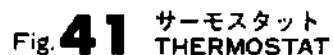


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128690-49010	PIPE, WATER					1			
1A	1	128291-49020	PIPE, WATER						1		
2	1	124770-49040	PIPE, WATER					1	1		
3	1	121575-49310	RETAINER, PIPE					1	1		
4	1	128290-49510	PIPE, WATER					1	1		
5	1	128695-49520	PIPE, WATER					1	1		
6	1	128695-49530	PIPE, WATER					1	1		
7	1	23000-025000	CLAMP, 25					4	4		
8	1	23000-041000	CLAMP, 41					6	6		
9	1	22137-060000	WASHER, 6					1	1	W	
(E=EXXX)											

Fig. 40 サーモスタット
THERMOSTAT



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	105582-49200	THERMOSTAT	1	1	1	1				
2	1	128275-91340	SWITCH, 65	1	1	1	1				
3	1	128270-49100	BRACKET	1	1	1	1				
4	1	121450-44410	GASKET	1	1	1	1				
5	1	26116-080602	BOLT, M8X 60 PLATED	4	4	4	4				
6	1	128170-49150	COVER, THERMOSTAT	1	1	1	1				
7	1	104211-49160	GASKET	1	1	1	1				
8	1	26106-060182	BOLT, M6X 18 PLATED	2	2	2	2				
9	1	22217-080000	WASHER, SPRING 8	4	4	4	4				

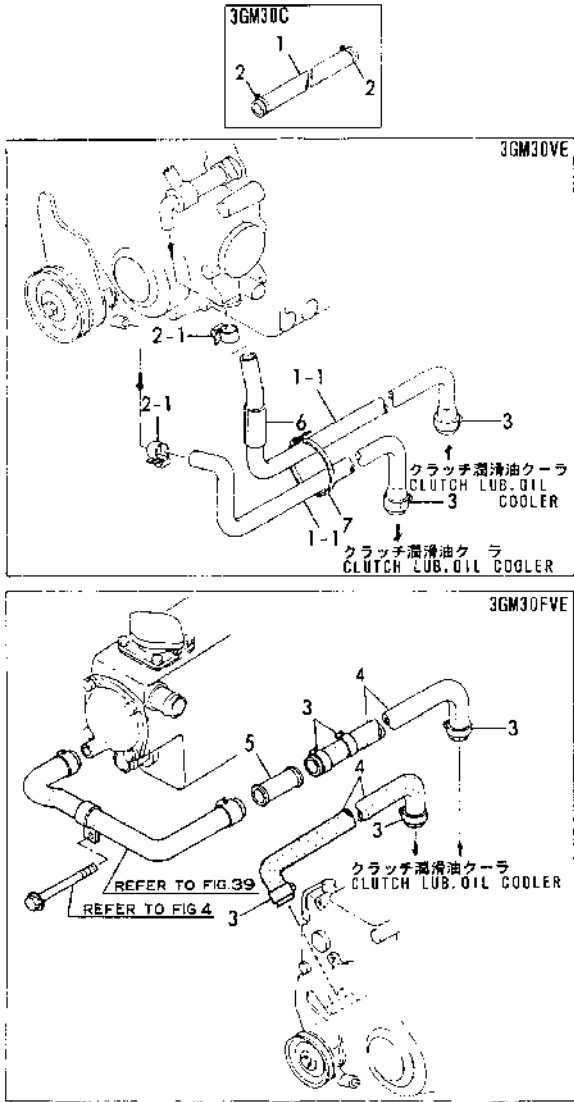


N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.42. COOLING SEA WATER LINE(OPTIONAL)

Fig.42 冷却水パイプ(海水) (オプション)
COOLING SEA WATER PIPE(OPTIONAL)



(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

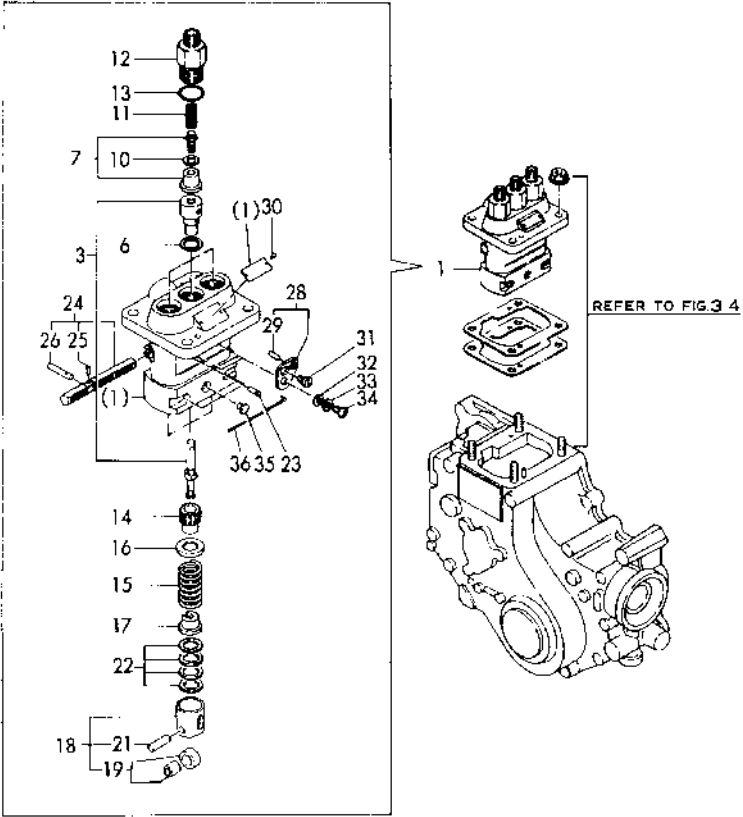
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128170-49080	PIPE, WATER				1				
1-1	1	128170-49081	PIPE, WATER		2		1			N	
(D=E00212)											
2	1	23000-022000	CLAMP, 22				2				
2-1	1	23000-022000	CLAMP, 22		2		1			K	
(D=E00212)											
3	1	23000-025000	CLAMP, 25		2		1		5		
4	1	124223-49050	PIPE, WATER						2		
5	1	128291-49250	JOINT						1		
6	1	128271-49450	TUBE, PROTECT		1						
7	1	121750-59890	BAND, 140		1						

Fig.43. FUEL INJECTION PUMP

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

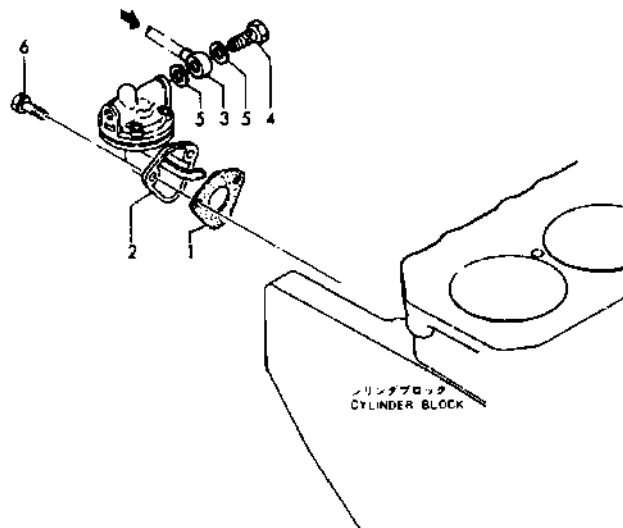
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

Fig.43 燃料噴射ポンプ
FUEL INJECTION PUMP



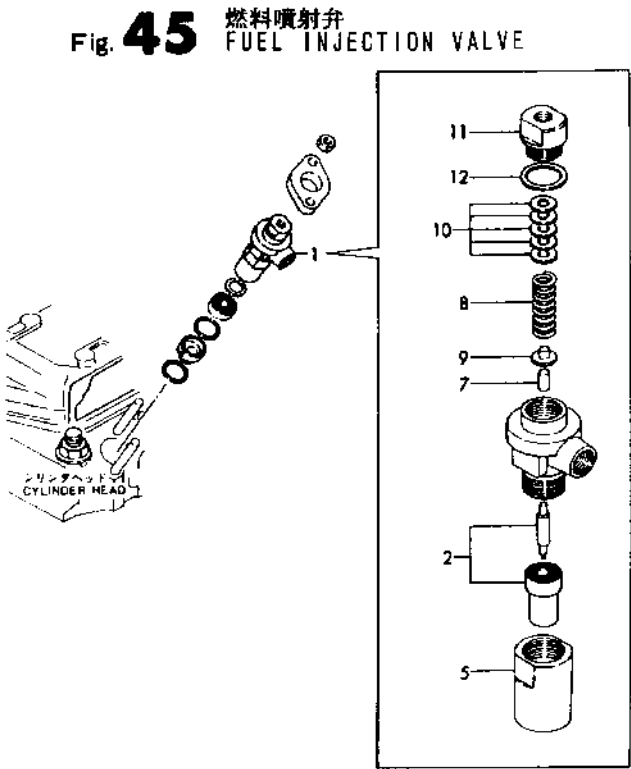
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728374-51100	PUMP ASSY, INJECTION	1		1	1	1			
1-1	1	728374-51101	PUMP ASSY, INJECTION	1	1	1	1	1	1	N	
		(A=E13959)	(C=E00394) (D=E01583)		(E=E13924)						
3	2	128170-51101	PLUNGER ASSY	3	3	3	3	3	3		
6	2	124950-51270	GASKET	3	3	3	3	3	3		
7	2	128170-51300	VALVE ASSY, DELIVERY	3		3	3	3			
7-1	2	105500-51300	VALVE ASSY, DELIVERY	3	3	3	3	3	3	N	
		(A=E13959)	(C=E00394) (D=E01583)		(E=E13924)						
10	2	124550-51350	GASKET, DELIVERY	3	3	3	3	3	3		
11	2	124550-51320	SPRING, DELIVERY	3	3	3	3	3	3		
12	2	124550-51341	HOLDER, DELIVERY L43	3	3	3	3	3	3		
13	2	124550-51370	O-RING	3	3	3	3	3	3		
14	2	124950-51510	PINION	3	3	3	3	3	3		
15	2	124950-51190	SPRING, PLUNGER	3	3	3	3	3	3		
16	2	174307-51170	RETAINER, SPRING A	3	3	3	3	3	3		
17	2	174307-51181	RETAINER, SPRING B	3	3	3	3	3	3		
18	2	124550-51200	TAPPET	3	3	3	3	3	3		
19	3	111100-51220	ROLLER, TAPPET	3	3	3	3	3	3		
21	3	174100-54120	PIN	3	3	3	3	3	3		
22	2	174307-51700	SHIM SET	3	3	3	3	3	3		
23	2	103854-51251	PIN, PLUNGER	1	1	1	1	1	1		
24	2	121450-51500	RACK, CONTROL	1	1	1	1	1	1		
25	3	121450-51550	PIN	1	1	1	1	1	1		
26	3	124550-51590	RETAINER	1	1	1	1	1	1		
28	2	124950-51640	PLATE ASSY, ADJUST	2	2	2	2	2	2		
29	3	124950-51670	PIN	2	2	2	2	2	2		
30	2	124220-51890	RIVET	2	2	2	2	2	2		
31	2	103854-51660	SCREW	2	2	2	2	2	2		
32	2	22117-050000	WASHER, 5	2		2	2	2		Z	
		(A=E0000)	(C=E0000) (D=E0000) (E=E0000)								
33	2	22217-050000	WASHER, SPRING 5	2		2	2	2		Z	
		(A=E0000)	(C=E0000) (D=E0000) (E=E0000)								
34	2	26587-050102	SCREW, M5X10	2		2	2	2			
34-1	2	26033-050102	SCREW, M5X10	2	2	2	2	2	2	N	
		(A=E0000)	(C=E0000) (D=E0000) (E=E0000)								
35	2	124950-51450	PIECE, GUIDE	3	3	3	3	3	3		
36	2	121150-51460	PIN, GUIDE	1	1	1	1	1	1		

Fig. 44 燃料フィードポンプ
FUEL FEED PUMP



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121520-01850	GASKET	1		1	1	1			
1-1	1	121520-01851	GASKET	1	1	1	1	1	1	1	N
		(A=E10103)	(C=E00309)	(D=E01060)	(E=E10104)						
2	1	129301-52020	PUMP ASSY, FUEL FEED	1	1	1	1	1	1		
3	1	104264-59030	JOINT, PIPE 8	1	1	1	1	1	1		
4	1	105582-59150	BOLT, PIPE JOINT	1	1	1	1	1	1		
5	1	23414-080000	GASKET, 8X1.0	2	2	2	2	2	2		
6	1	26013-060162	BOLT, M6X 16	2	2	2	2	2	2		

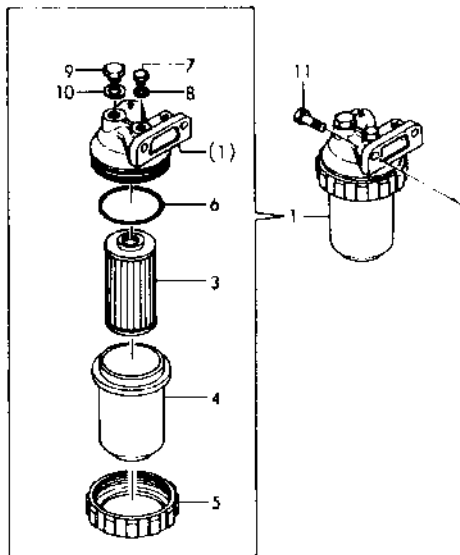
Fig.45. FUEL INJECTION VALVE



(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728170-53100	VALVE ASSY,INJECTION	3	3	3	3	3	3		
2	2	124770-53000	VALVE ASSY,INJECTION	3	3	3	3	3	3		
5	2	128170-53080	NUT, NOZZLE	3	3	3	3	3	3		
7	2	113200-53110	SPINDLE, INTER	3	3	3	3	3	3		
8	2	104211-53120	SPRING, NOZZLE	3	3	3	3	3	3		
9	2	113200-53120	RETAINER, SPRING	3	3	3	3	3	3		
10	2	110250-53150	PLATE ASSY, ADJUST	3	3	3	3	3	3		
11	2	103854-53180	RETAINER, SPRING	3	3	3	3	3	3		
12	2	172100-53200	GASKET	3	3	3	3	3	3		



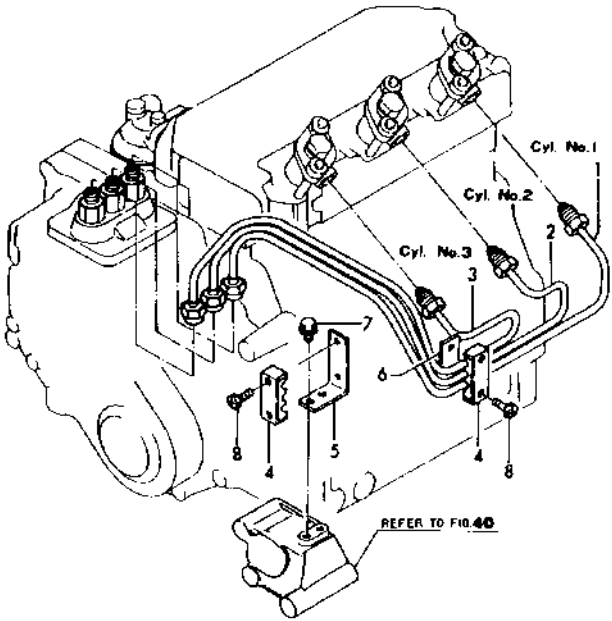
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124790-55601	STRAINER ASSY, FUEL	1	1	1	1	1	1		
3	2	104500-55710	ELEMENT	1	1	1	1	1	1		
4	2	121370-55730	CUP, STRAINER	1	1	1	1	1	1		
5	2	110250-55610	RING, RETAINING	1	1	1	1	1	1		
6	2	24341-000440	O-RING, 1AS44.0	1	1	1	1	1	1		
7	2	101720-55750	PLUG, 6	1	1	1	1	1	1		
8	2	23418-060000	GASKET, 6X1.0	1	1	1	1	1	1		
9	2	135210-51900	PLUG	1	1	1	1	1	1		
10	2	23414-080012	GASKET, 8X1.0	1	1	1	1	1	1		
11	1	26013-060162	BOLT, M6X 16	2	2	2	2	2	2		

Fig.47. FUEL INJECTION LINE

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

Fig.47 燃料噴射パイプ
FUEL INJECTION PIPE



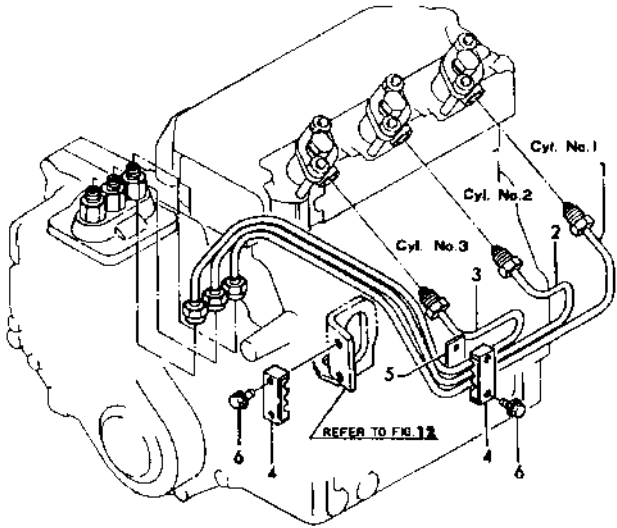
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128370-59810	PIPE ASSY, INJECTION	1	1	1	1				
2	1	128370-59820	PIPE ASSY, INJECTION	1	1	1	1				
3	1	128370-59830	PIPE ASSY, INJECTION	1	1	1	1				
4	1	123372-59100	RETAINER, PIPE	2	2	2	2				
5	1	121450-59850	BRACKET	1	1	1	1				
6	1	121250-59860	BRACKET	1	1	1	1				
7	1	26106-060122	BOLT, M6X 12 PLATED	2	2	2	2				
8	1	121465-59950	BOLT, M6X16	4	4	4	4				

Fig.48. FUEL INJECTION LINE

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

Fig.48 燃料噴射パイプ
FUEL INJECTION PIPE

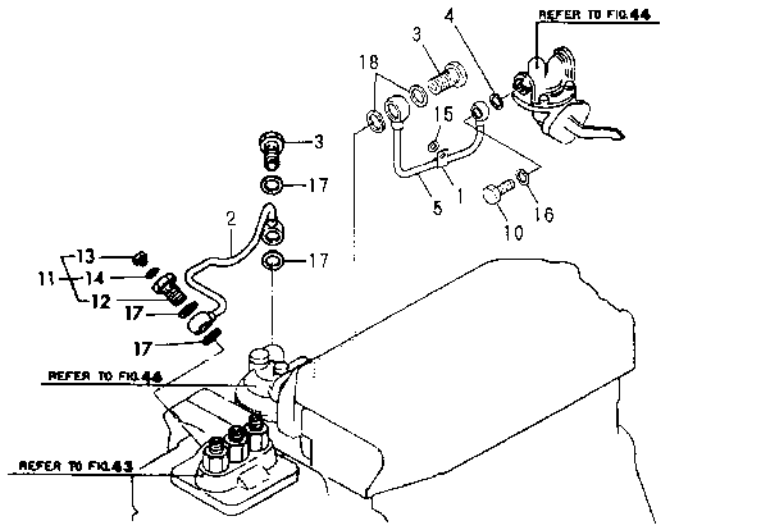


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128390-59810	PIPE ASSY, INJECTION					1	1		
2	1	128390-59820	PIPE ASSY, INJECTION					1	1		
3	1	128390-59830	PIPE ASSY, INJECTION					1	1		
4	1	123372-59100	RETAINER, PIPE					2	2		
5	1	121250-59860	BRACKET					1	1		
6	1	26106-060162	BOLT, M6X 16 PLATED					4	4		

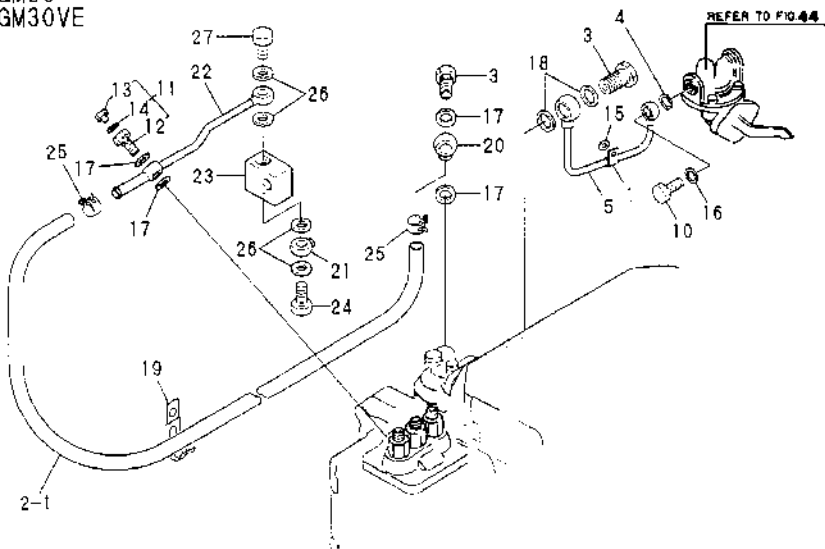
Fig.49. FUEL LINE

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PUBLISHED: 2000/1

Fig.49 燃料パイプ
FUEL PIPE



3GM30
3GM30VE



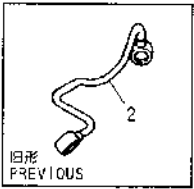
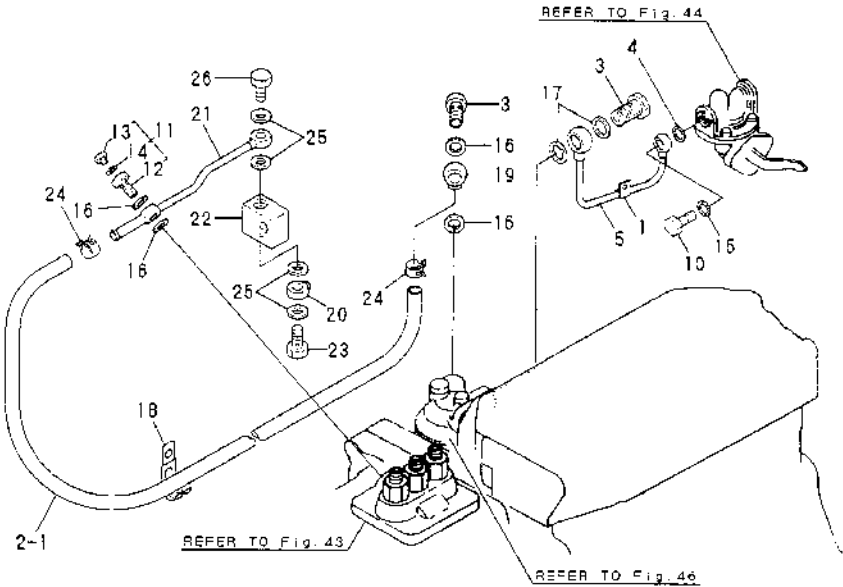
OCF10-M50602 Fig.49
(A)=3GM30
(B)=3GM30VE
(C)=3GM30B
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124450-39240	RETAINER, PIPE	1	1	1	1				
2	1	128370-59010	PIPE ASSY, FUEL	1	1	1	1				
2-1	1	119173-59120	PIPE, FUEL	1	1						S
(A=*1997.01) (B=*1997.01)											
3	1	23857-060000	BOLT, JOINT 6	2	2	2	2				
4	1	104884-59170	GASKET	1	1	1	1				
5	1	128370-59081	PIPE ASSY, FUEL	1	1	1	1				
10	1	105582-59150	BOLT, PIPE JOINT	1	1	1	1				
11	1	103854-59191	BOLT ASSY, JOINT M12	1	1	1	1				
12	2	103854-59201	BOLT, PIPE JOINT M12	1	1	1	1				
13	2	124060-59380	PLUG, 6	1	1	1	1				
14	2	22190-060002	WASHER, SEAL 6	1	1	1	1				
15	1	22117-080000	WASHER, 8	1	1	1	1				Z
(A=*1997.01) (B=*1997.01) (C=*1997.01) (D=*1997.01)											
16	1	23414-080000	GASKET, 8X1.0	1	1	1	1				
16-1	1	22190-080002	WASHER, SEAL 6	1	1	1	1				N
(A=*2000.03) (B=*2000.03) (C=*2000.03) (D=*2000.03)											
17	1	23414-120000	GASKET, 12X1.0	4	4	4	4				
17-1	1	22190-120002	WASHER, SEAL 12	4	4	4	4				N
(A=*2000.03) (B=*2000.03) (C=*2000.03) (D=*2000.03)											
18	1	23414-120000	GASKET, 12X1.0	2	2	2	2				
18-1	1	22190-120002	WASHER, SEAL 12	2	2	2	2				N
(A=*2000.03) (B=*2000.03) (C=*2000.03) (D=*2000.03)											
19	1	194440-51620	CLAMP	1	1						W
(A=*1997.01) (B=*1997.01)											
20	1	104264-59020	JOINT	1	1						W
(A=*1997.01) (B=*1997.01)											
21	1	104264-59020	JOINT	1	1						W
(A=*1997.01) (B=*1997.01)											
22	1	128377-59550	PIPE ASSY, FUEL	1	1						W
(A=*1997.01) (B=*1997.01)											
24	1	128296-59940	VALVE ASSY, CHECK	1	1						W
(A=*1997.01) (B=*1997.01)											
25	1	23000-016000	CLAMP, 16	2	2						W
(A=*1997.01) (B=*1997.01)											
26	1	22190-120002	WASHER, SEAL 12	4	4						W
(A=*1997.01) (B=*1997.01)											
27	1	23857-060000	BOLT, JOINT 6	1	1						W
(A=*1997.01) (B=*1997.01)											

Fig.50. FUEL LINE(3GM30F/FVE)

P/C NEWS No:Y030F50F2-2
PUBLISHED:2009/11

Fig.50 燃料パイプ (3GM30F/FVE)
FUEL PIPE (3GM30F/FVE)



(A)=3GM30
(B)=3GM30VE
(C)=3GM30B
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

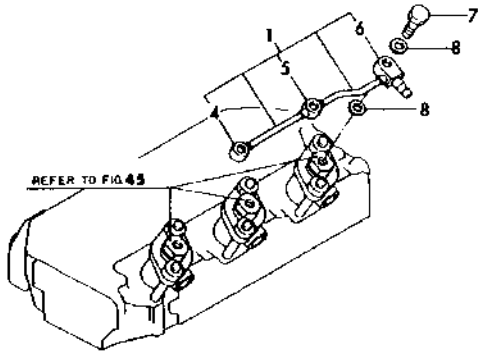
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124450-39240	RETAINER, PIPE					1	1		
2	1	128390-59010	PIPE ASSY, FUEL					1	1		
2-1	1	119173-59120	PIPE, FUEL					1	1	S	
				(E=*1997.01)		(F=*1997.01)		2	2		
3	1	23857-060000	BOLT, JOINT 6					1	1		
4	1	104884-59170	GASKET					1	1		
5	1	128370-59081	PIPE ASSY, FUEL					1	1		
10	1	105582-59150	BOLT, PIPE JOINT					1	1		
11	1	103854-59191	BOLT ASSY, JOINT M12					1	1		
12	2	103854-59201	BOLT, PIPE JOINT M12					1	1		
13	2	124060-59380	PLUG, 6					1	1		
14	2	22190-060002	WASHER, SEAL 6					1	1		
15	1	23414-080000	GASKET, 8X1.0					1	1		
15-1	1	22190-080002	WASHER, SEAL 6					1	1	N	
				(E=*2000.03)		(F=*2000.03)		4	4		
16	1	23414-120000	GASKET, 12X1.0					4	4		
16-1	1	22190-120002	WASHER, SEAL 12					4	4	N	
				(E=*2000.03)		(F=*2000.03)		2	2		
17	1	23414-120000	GASKET, 12X1.0					2	2		
17-1	1	22190-120002	WASHER, SEAL 12					2	2	N	
				(E=*2000.03)		(F=*2000.03)		1	1	W	
18	1	194440-51620	CLAMP					1	1		
				(E=*1997.01)		(F=*1997.01)		1	1	W	
19	1	104264-59020	JOINT					1	1		
				(E=*1997.01)		(F=*1997.01)		1	1	W	
20	1	104264-59020	JOINT					1	1		
				(E=*1997.01)		(F=*1997.01)		1	1	W	
21	1	128377-59550	PIPE ASSY, FUEL					1	1		
				(E=*1997.01)		(F=*1997.01)		1	1	W	
22	1	128296-59900	JOINT					1	1		
				(E=*1997.01)		(F=*1997.01)		1	1	W	
23	1	128296-59940	VALVE ASSY, CHECK					1	1		
				(E=*1997.01)		(F=*1997.01)		2	2	W	
24	1	23000-016000	CLAMP, 16					2	2		
				(E=*1997.01)		(F=*1997.01)		4	4	W	
25	1	22190-120002	WASHER, SEAL 12					4	4		
				(E=*1997.01)		(F=*1997.01)		1	1	W	
26	1	23857-060000	BOLT, JOINT 6					1	1		
				(E=*1997.01)		(F=*1997.01)					

Fig.51. FUEL RETURN LINE

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

Fig.51 燃料戻しパイプ
FUEL RETURN PIPE

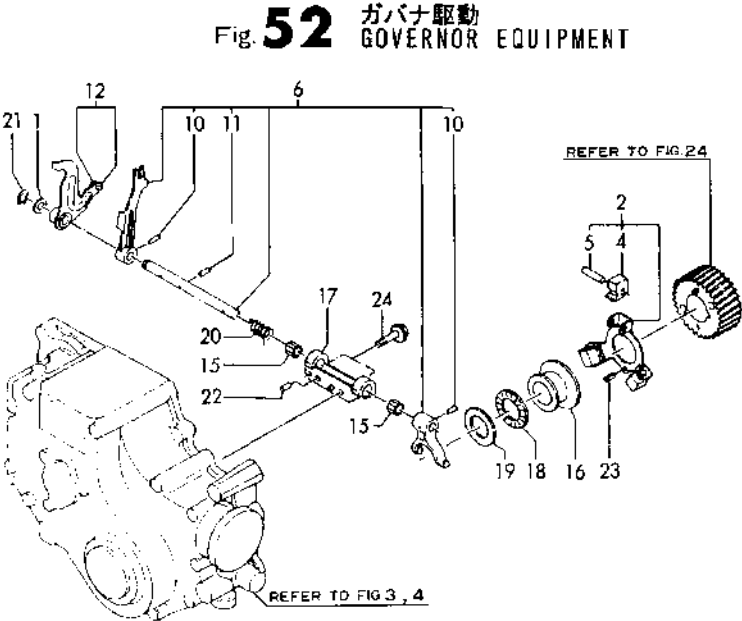


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128370-59500	PIPE ASSY, RETURN	1	1	1	1	1	1		
4	2	103288-39170	JOINT, PIPE	1	1	1	1	1	1		
5	2	124450-39180	JOINT, PIPE	1	1	1	1	1	1		
6	2	124790-59530	JOINT	1	1	1	1	1	1		
7	1	101147-59810	BOLT, PIPE JOINT M8	3	3	3	3	3	3		
8	1	23414-080000	GASKET, 8X1.0	6	6	6	6	6	6		

Fig.52. GOVERNOR DRIVING

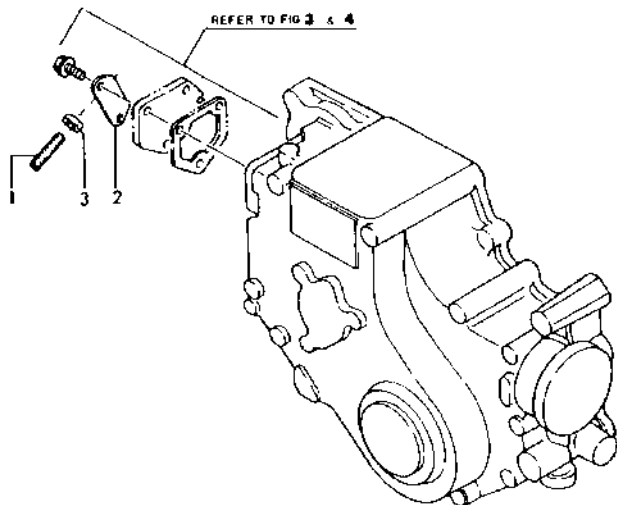
(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	104211-42130	PIECE, DISTANCE	1	1	1	1	1	1		
2	1	171016-61100	WEIGHT, GOVERNOR	1		1	1	1			
2-1	1	771016-61620	WEIGHT ASSY,GOVERNOR	1	1	1	1	1	1	1	N
(A=*1982.07)				(C=*1982.07)		(D=*1982.07)		(E=*1982.07)			
4	2	104200-61200	WEIGHT, GOVERNOR	3	3	3	3	3	3		
5	2	121575-61220	PIN, GOVERNOR WEIGHT	3	3	3	3	3	3		
6	1	721500-61560	LEVER ASSY, GOVERNOR	1	1	1	1	1	1		
10	2	22322-030200	PIN, TAPER 3X20	2	2	2	2	2	2		
11	2	22351-030012	PIN, SPRING 3.0X12	1	1	1	1	1	1		
12	1	121575-61160	LEVER ASSY, CONTROL	1		1	1	1			
12-1	1	121575-61161	LEVER ASSY, CONTROL	1	1	1	1	1	1	1	N
(A=E14187)				(C=E00396)		(D=E01638)		(E=E14136)			
15	1	122410-61650	BEARING, FJ-1010W	2	2	2	2	2	2		
16	1	121000-61600	SLEEVE, GOVERNOR	1	1	1	1	1	1		
17	1	121575-61620	SUPPORT	1	1	1	1	1	1		
18	1	121575-61710	BEARING, FNTA-2542	1	1	1	1	1	1		
19	1	121575-61720	COLLAR	1	1	1	1	1	1		
20	1	121575-66310	SPRING, STARTING	1	1	1	1	1	1		
21	1	22242-000100	RING, 10	1	1	1	1	1	1		
22	1	22312-040080	PIN, PARALLEL M4X 8	2	2	2	2	2	2		
23	1	22351-040008	PIN, SPRING 4.0X 8	2	2	2	2	2	2		
24	1	26106-060282	BOLT, M6X 28 PLATED	2	2	2	2	2	2		

Fig. 54 アイドルアジャスタ
IDLE ADJUSTER



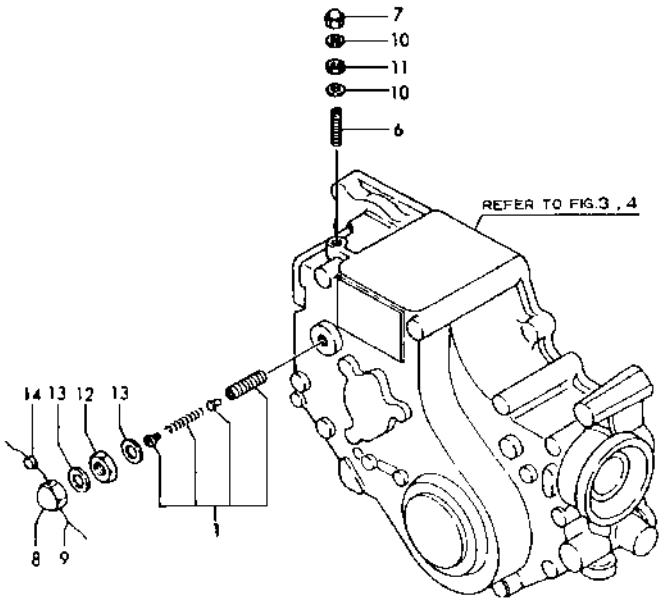
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121575-66800	SCREW	1	1	1	1	1	1		
2	1	121575-66850	RETAINER	1	1	1	1	1	1		
3	1	26756-060002	NUT, LOCK M6	1	1	1	1	1	1		

Fig.55. FUEL CONTROL DEVICE

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

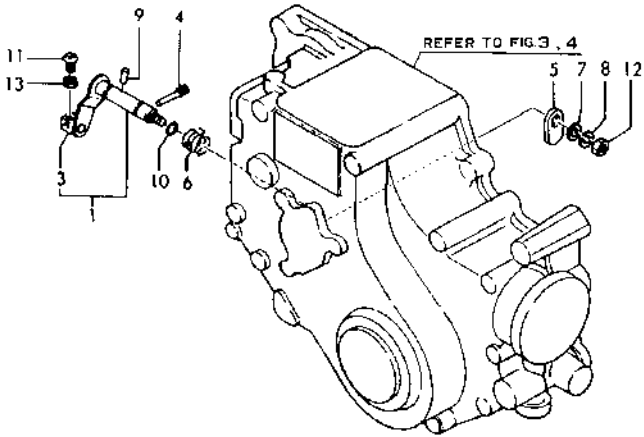
Fig.55 燃料制限装置
FUEL CONTROL DEVICE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-66550	LIMITER ASSY, FUEL	1	1	1	1	1	1		
6	1	121575-66800	SCREW	1	1	1	1	1	1		
7	1	128170-66870	NUT, CAP M6	1	1	1	1	1	1		
8	1	128170-66880	NUT, CAP M12	1	1	1	1	1	1		
9	1	22451-100000	WIRE, 1.0	1	1	1	1	1	1		
10	1	23414-060000	GASKET, 6X1.0	2	2	2	2	2	2		
11	1	26756-060002	NUT, LOCK M6	1	1	1	1	1	1		
12	1	128170-66890	NUT, M12	1	1	1	1	1	1		
13	1	43400-500450	SEAL WASHER 12S	2	2	2	2	2	2		
14	1	135210-61090	LEAD	1	1	1	1	1	1		

Fig.56. ENGINE STOP DEVICE

Fig.56 機関停止装置
ENGINE STOP DEVICE



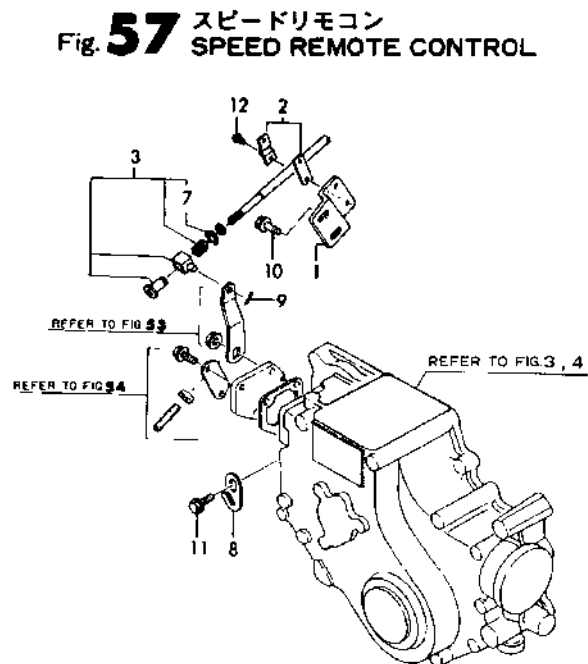
OCF10-M50602 Fig.56
(A)=3GM30 (D)=3GM30C
(B)=3GM30VE (E)=3GM30F
(C)=3GM30B (F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121575-66510	LEVER ASSY, STOP	1	1	1	1				
3	2	104211-03770	RETAINER	1	1	1	1				
4	1	124250-03640	SCREW	1	1	1	1				
5	1	121575-66550	CAM	1	1	1	1				
6	1	121575-66580	SPRING, RETURN	1	1	1	1				
7	1	22117-060000	WASHER, 6	1	1	1	1				
8	1	22217-060000	WASHER, SPRING 6	1	1	1	1				
9	1	22322-030160	PIN, TAPER 3X16	1	1	1	1				
10	1	24311-000070	O-RING, 1AP7.0	1	1	1	1				
11	1	26557-050122	SCREW, M5X12	1	1	1	1				
12	1	26716-060002	NUT, M6	1	1	1	1				
13	1	26756-050002	NUT, LOCK M5	1	1	1	1				

Fig.57. SPEED REMOTE CONTROL

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	105311-67100	BRACKET, CABLE	1	1	1	1	1	1		
2	1	41710-000410	CLAMP	1	1	1	1	1	1		
3	1	105311-67200	RETAINER ASSY	1	1	1	1	1	1		
7	2	22242-000100	RING, 10	1	1	1	1	1	1		
8	1	121575-67580	BRACKET, CABLE	1		1	1	1			
8-1	1	121575-67581	BRACKET, CABLE	1	1	1	1	1	1	1	N
(A=E14020)		(C=E00396)		(D=E01583)		(E=E14015)					
9	1	22414-250150	PIN, COTTER 2.5X15	1		1	1	1			
9-1	1	22360-080000	SNAP PIN 8	1	1	1	1	1	1	1	N
(A=E09572)		(C=E00292)		(D=E01006)		(E=E09571)					
10	1	26106-060102	BOLT, M6X 10 PLATED	2	2	2		2	2	2	
11	1	26106-060122	BOLT, M6X 12 PLATED	1	1	1	1	1	1	1	
12	1	26557-050122	SCREW, M5X12	2	2	2	2	2	2	2	

Fig.58. HAND START

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

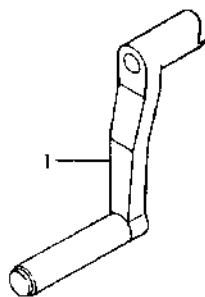


Fig. 58 ハンドスタート
HAND START

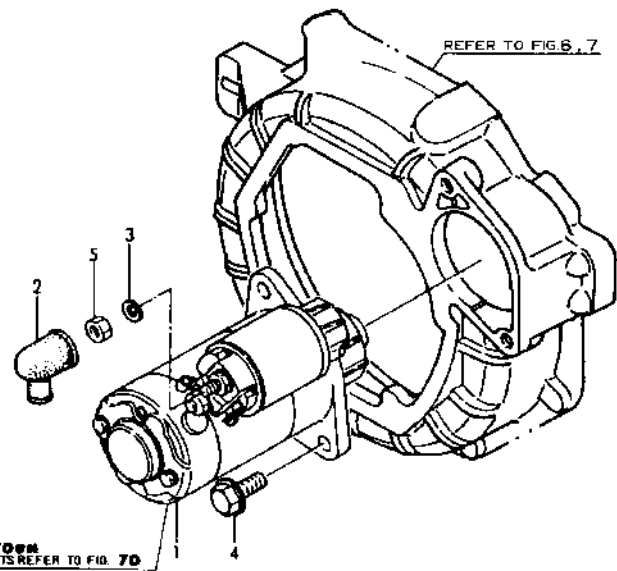
[illegible]

Fig.59. STARTING MOTOR

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

Fig. 59 スターティングモータ
STARTING MOTOR



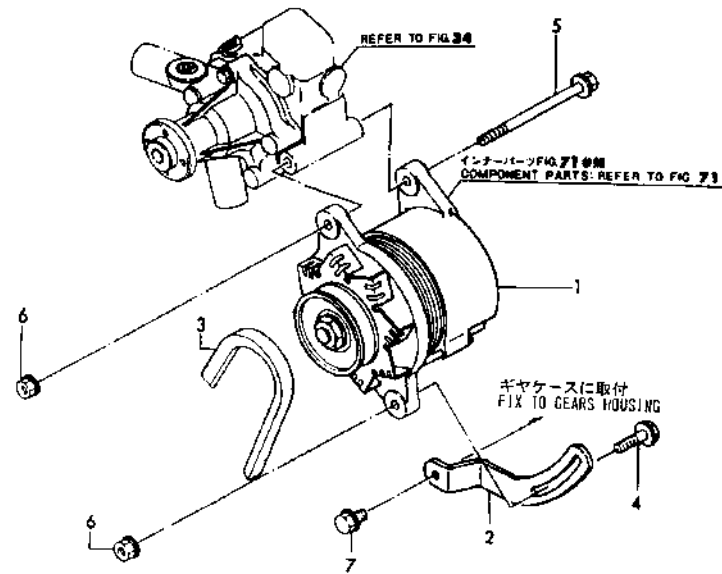
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128170-77010	STARTER, S114-303	1	1	1	1	1	1		
2	1	124550-77030	COVER, TERMINAL	1	1	1	1	1	1		
3	1	22217-080000	WASHER, SPRING 8	1	1	1	1	1	1		
4	1	26106-100302	BOLT, M10X 30 PLATED	2	2	2	2	2	2		
5	1	26756-080002	NUT, LOCK M8	1	1	1	1	1	1		

Fig.61. GENERATOR

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

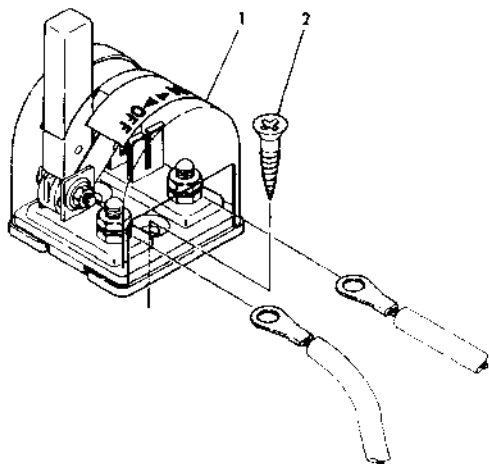
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

Fig.61 ジェネレータ
GENERATOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129772-77200	GENERATOR(12V-55A)					1	1		
2	1	128271-77330	ADJUSTER					1	1		
3	1	124732-42290	V-BELT, AX37					1	1		
4	1	26106-080302	BOLT, M8X 30 PLATED					1	1		
5	1	128271-77340	BOLT, M8X120					1	1		
6	1	26366-080002	NUT, M8					2	2		
7	1	26106-100162	BOLT, M10X 16 PLATED					1			Z
(E=EXXX)											

Fig. 62 バッテリスイッチ
BATTERY SWITCH



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	123310-77640	SWITCH, BATTERY	1	1	1	1	1	1	1	1
2	1	22724-800380	SCREW, 8.0X38	2	2	2	2	2	2	1	1

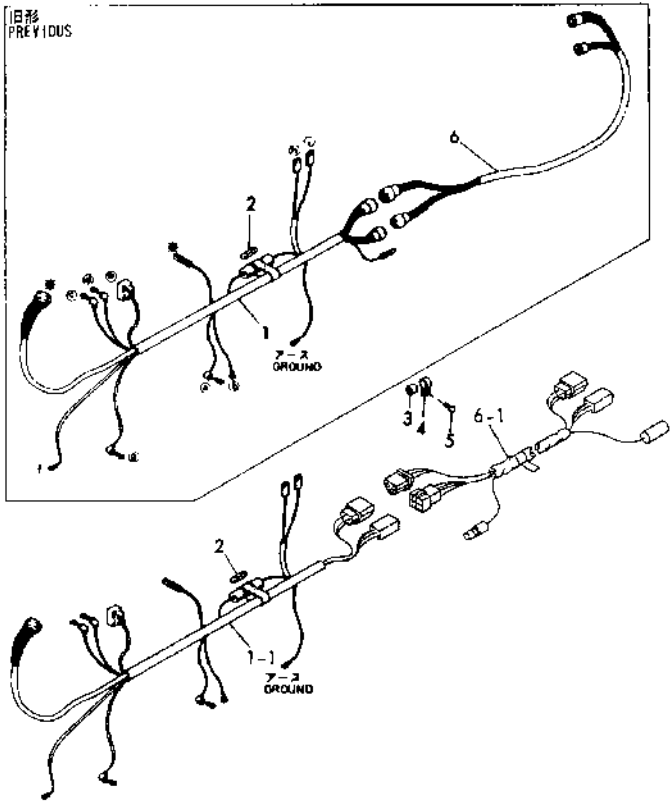
Remarks
1)OPTIONAL FOR 3GM30,3GM30VE,3GM30C,
3GM30F & 3GM30FVE

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

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Fig.63. WIRE HARNESS

Fig.63 ワイヤハーネス
WIRE HARNESS



(A)=3GM30
(B)=3GM30VE
(C)=3GM30B
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-77921	HARNESS, WIRE	1		1	1	1			
1-1	1	128271-77920	HARNESS, WIRE	1		1	1	1		S	
(A=E14020) (C=E00396) (D=E01583) (E=E14015)											
1-2	1	128271-77921	HARNESS, WIRE	1	1	1	1	1	1	N	
(A=E14187) (C=E00396) (D=E01643) (E=E14181)											
2	2	46150-003680	FUSE 30A	1	1	1	1	1	1		
3	1	124770-77940	PROTECTOR	1	1	1	1	1	1		
4	1	124070-77950	CLAMP	1	1	1	1	1	1		
5	1	26106-080142	BOLT, M8X 14 PLATED	1	1	1	1	1	1		
6	1	128170-77500	CORD, EXTENSION 3000	1		1	1	1			
6-1	1	128391-77700	HARNESS, WIRE	1	1	1	1	1	1	S	
(A=E14020) (C=E00396) (D=E01583) (E=E14015)											

Fig.64. CLUTCH

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

この項目はイラスト表現していません。

No.	Lev.	Parts No.	Description	Q'ty						
				(A)	(B)	(C)	(D)	(E)	(F)	(G)
1	1	128371-81010	CLUTCH ASSY, 2.36	1	1		1			
1-1	1	128374-81110	CLUTCH ASSY, 2.36	1		1		1	N	
		(A=E01888)	(C=E00146)			(E=E01888)				
2	1	128371-81020	CLUTCH ASSY, I=2.61	1		1		1		
2-1	1	128374-81120	CLUTCH ASSY, I=2.61	1		1		1	N	
		(A=E01888)	(C=E00146)			(E=E01888)				
3	1	128371-81030	CLUTCH ASSY, I=3.20	1				1		
3-1	1	128374-81130	CLUTCH ASSY, I=3.20	1				1	N	
		(A=E01888)				(E=E01888)				
4	1	128371-81050	DISK, DAMPER D170	1		1		1		
4-1	1	177070-03501	DISK, DAMPER D170	1	1	1		1	1 N	
		(A=E11483)	(C=E00343)			(E=E11458)				
5	1	26013-080142	BOLT, M8X 14	6	6	6		6	6	
6	1	26106-080282	BOLT, M8X 28 PLATED	8		8		8		
6-1	1	26106-080502	BOLT, M8X 50 PLATED			8			S	
			(C=E00109)							
6-2	1	26106-080282	BOLT, M8X 28 PLATED			8			S	
			(C=E00146)							
7	1	128171-81150	SPACER, CLUTCH			1			W	
			(C=E00109)							
7-1	1	128171-81150	SPACER, CLUTCH			1			Z	
			(C=E00146)							
8	1	128374-81310	CLUTCH ASSY, 2.36		1				1	
9	1	128374-81320	CLUTCH ASSY, I=2.61		1				1	
10	1	128374-81330	CLUTCH ASSY, I=3.20		1				1	

Fig. 65 ダンパディスク
DUMPER DISK

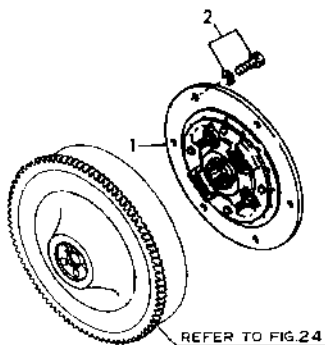
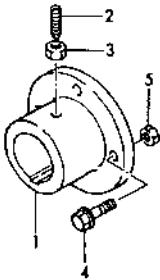
[illegible]

Fig.66. TAPER COUPLING

Fig.66 テーパーカップリング
TAPER COUPLING



(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

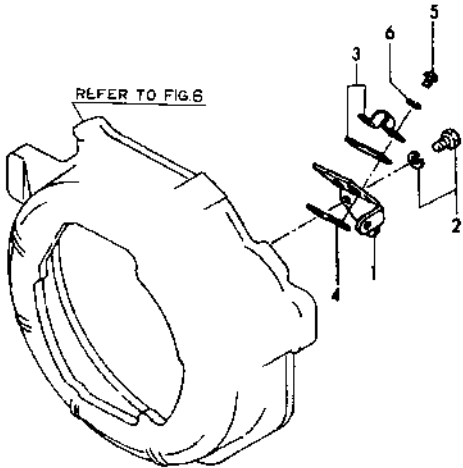
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	48110-028063	COUPLING, TAPER 28	1	1	1					1
1-1	1	48110-025063	COUPLING, TAPER 25 (C=E00364)			1				N	
2	1	48110-032411	SCREW	1	1	1					1
3	1	26756-080002	NUT, LOCK M8	1	1	1					1
4	1	26106-100322	BOLT, M10X 32 PLATED	4	4	4					1
5	1	26706-100002	NUT, M10	4	4	4					1

Remarks
1)OPTIONAL FOR 3GM30 & 3GM30VE

Fig.67. CLUTCH REMOTE CONTROL

Fig. **67** クラッチリモコン
CLUTCH REMOTE CONTROL



(A)=3GM30
(B)=3GM30VE
(C)=3GM30B
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

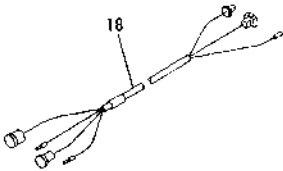
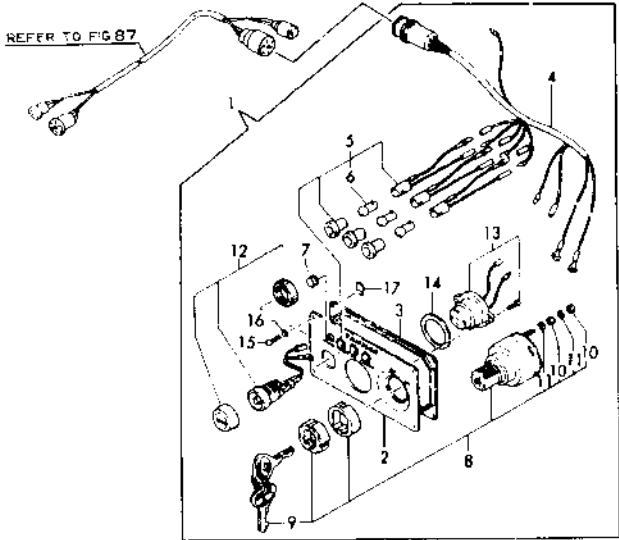
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128170-86300	BRACKET, CABLE	1	1	1		1	1		
2	1	26106-060142	BOLT, M6X 14 PLATED	2	2	2		2	2		
3	1	41710-000410	CLAMP	1	1	1		1	1		
4	1	121574-86320	RETAINER	1	1	1		1	1		
5	1	26557-050122	SCREW, M5X12	2	2	2		2	2		
6	1	22212-050000	WASHER 5	2	2	2		2	2		

Fig.68. PANEL(A-TYPE)

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

Fig.68 計器盤 (Aタイプ)
PANEL (A-TYPE)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-91001	PANEL ASSY	1	1	1		1	1		1
2	2	128270-91010	BODY, PANEL	1	1	1		1	1		
3	2	128270-91020	GASKET	1	1	1		1	1		
4	2	128270-91031	HARNES, WIRE	1	1	1		1	1		
5	2	128270-91040	LAMP, PILOT	3	3	3		3	3		
6	3	46150-001110	BULB(12V3W/G11.BA9S)	3	3	3		3	3		
7	2	128270-91230	COVER, BLIND	1	1	1		1	1		
8	2	124070-91250	SWITCH, KEY	1	1	1		1	1		
9	3	124070-91290	KEY, SWITCH	1	1	1		1	1		
10	3	26716-050002	NUT, M5	4	4	4		4	4		
11	3	22217-050000	WASHER, SPRING 5	4	4	4		4	4		
12	2	124070-91300	SWITCH	1	1	1		1	1		
13	2	128270-91350	BUZZER, ALARM	1	1	1		1	1		
14	2	128270-91360	GASKET	1	1	1		1	1		
15	2	128170-91810	SCREW, M5X35	4	4	4		4	4		
16	2	128170-91820	WASHER, 5	4	4	4		4	4		
17	2	128170-91830	NUT, M5	4	4	4		4	4		
18	1	128391-77860	HARNES ASSY, WIRE	1	1	1		1	1	W	1
(A=E14020)				(C=E00396)				(E=E14015)			

Remarks
1)OPTIONAL FOR 3GM30,3GM30VE,3GM30F,
3GM30FVE

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

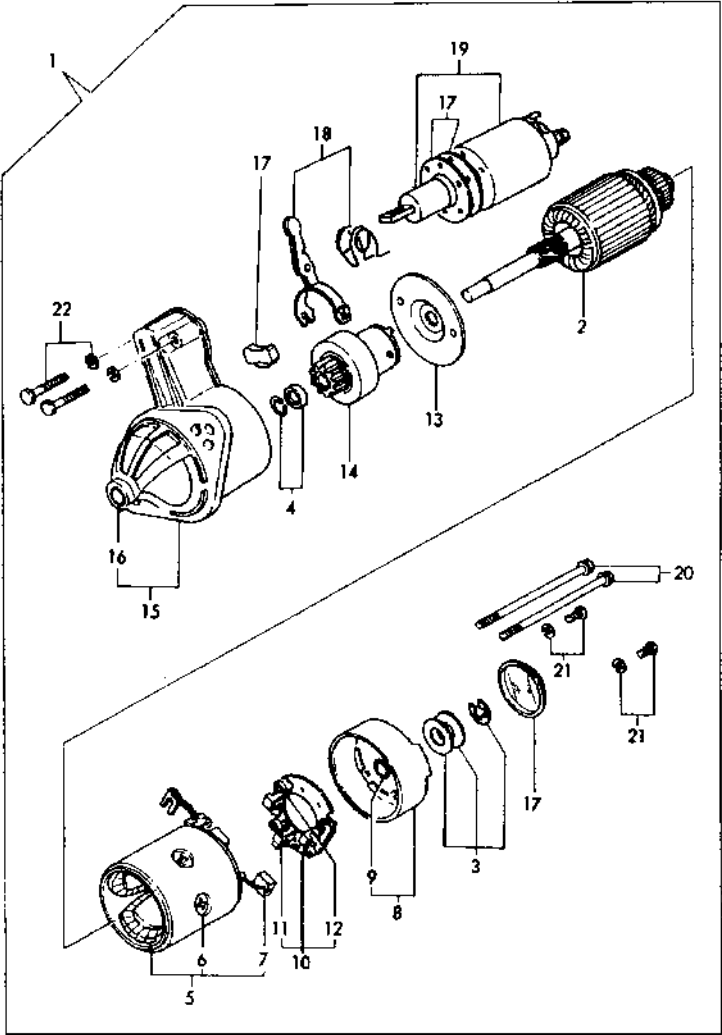
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	704507-92100	BOX ASSY, TOOL	1	1	1	1	1	1		
3	2	28110-100130	SPANNER, 10X13	1	1	1	1	1	1		
4	2	28110-120140	SPANNER, 12X14	1	1	1	1	1	1		
5	2	28110-170190	SPANNER, 17X19	1	1	1	1	1	1		
6	2	28110-220240	SPANNER, 22X24	1	1	1	1	1	1		
7	2	104200-92350	DRIVER, SCREW	1	1	1	1	1	1		

Fig.70. STARTING MOTOR COMPONENT PART

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

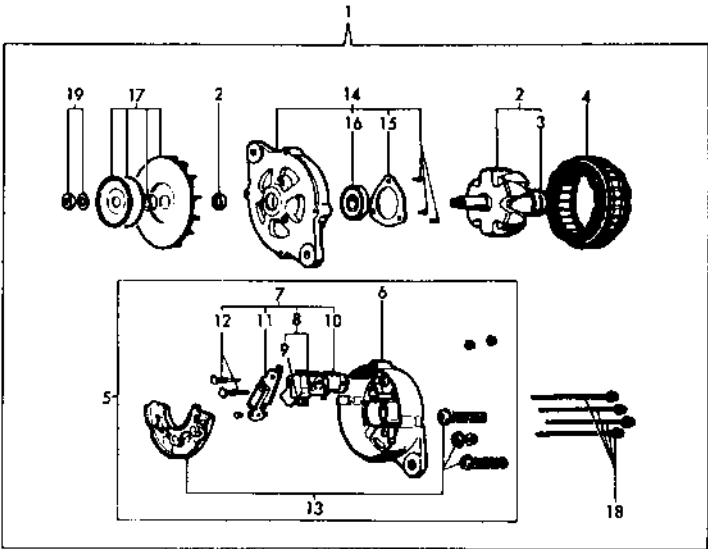
Fig.70 スターティングモータ インナーパーツ
STARTING MOTOR COMPONENT PART



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128170-77010	STARTER, S114-303	1	1	1	1	1	1		
2	2	X211451005	ARMATURE	1	1	1	1	1	1		
3	2	X21148110	WASHER SET, THRUST	1	1	1	1	1	1		
4	2	X21147155	STOPPER SET, PINION	1	1	1	1	1	1		
5	2	X211462101	COIL ASSY, FIELD	1	1	1	1	1	1		
6	3	X21143215	SCREW, CORE	4	4	4	4	4	4		
7	3	X21145312	BRUSH, +	2	2	2	2	2	2		
8	2	X211413005	COVER ASSY	1	1	1	1	1	1		
9	3	X21145352	METAL	1	1	1	1	1	1		
10	2	X211433101	HOLDER	1	1	1	1	1	1		
11	3	X21148313	BRUSH (-)	2	2	2	2	2	2		
12	3	X2114314	SPRING	4	4	4	4	4	4		
13	2	X21144454	PLATE	1	1	1	1	1	1		
14	2	X211415006	PINION ASSY	1	1	1	1	1	1		
15	2	X211476503	CASE ASSY	1	1	1	1	1	1		
16	3	X21144661	METAL, GEAR CASE	1	1	1	1	1	1		
17	2	X21146963	COVER	1	1	1	1	1	1		
18	2	X21149652	LEVER SET, SHIFT	1	1	1	1	1	1		
19	2	X211447009	SWITCH	1	1	1	1	1	1		
20	2	X21148852	BOLT, THROUGH	2	2	2	2	2	2		
21	2	X21142835	SCREW SET	2	2	2	2	2	2		
22	2	X21145866	BOLT	2	2	2	2	2	2		

Fig.71. GENERATOR COMPONENT PART

Fig.71 ジェネレータインナーパーツ
GENERATOR COMPONENT PART



(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

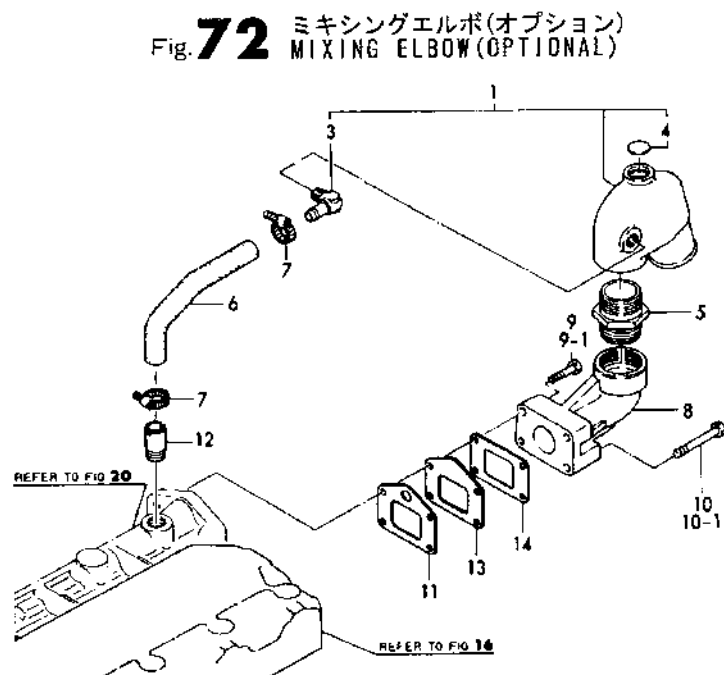
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129772-77200	GENERATOR(12V-55A)	1	1	1	1	1	1		
2	2	XL15571001	ROTOR ASSY	1	1	1	1	1	1		
3	3	X6201SD	BALL BEARING	1	1	1	1	1	1		
4	2	XL15542001	STATOR ASSY	1	1	1	1	1	1		
5	2	XL15553002	COVER ASSY, REAR	1	1	1	1	1	1		
6	3	XL22553012	COVER, REAR	1	1	1	1	1	1		
7	3	XL1556315	REGULATOR ASSY,BRUSH	1	1	1	1	1	1		
8	4	XL2255330	BRUSH ASSY	1	1	1	1	1	1		1
9	4	XL12013262	BRUSH	2	2	2	2	2	2		
10	4	XTR1Z63	REGULATOR	1	1	1	1	1	1		
11	4	XL2251318	CONDENSER ASSY	1	1	1	1	1	1		
12	4	XL13513134	BOLT M5	2	2	2	2	2	2		
13	3	XL2253320	DIODE ASSY	1	1	1	1	1	1		
14	2	XL2253400	FRONT COVER ASSY	1	1	1	1	1	1		
15	3	XL15014042	BEARING RETAINER	1	1	1	1	1	1		
16	3	X6203BM	BALL BEARING	1	1	1	1	1	1		
17	2	XL22555001	PULLEY ASSY	1		1	1	1			
17-1	2	XL1557500	PULLEY ASSY	1	1	1	1	1	1	1	N
(A=E06576)				(C=E00254)		(D=E00686)		(E=E06565)			
18	2	XL15018015	BOLT, THROUGH	4	4	4	4	4	4		
19	2	XL1501810	NUT ASSY, PULLEY	1	1	1	1	1	1		
20	2	XL15028001	SCREW ASSY	1	1	1	1	1	1		2

Remarks
2) NOT ILLUSTRATED

Fig.72. MIXING ELBOW(OPTIONAL)

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

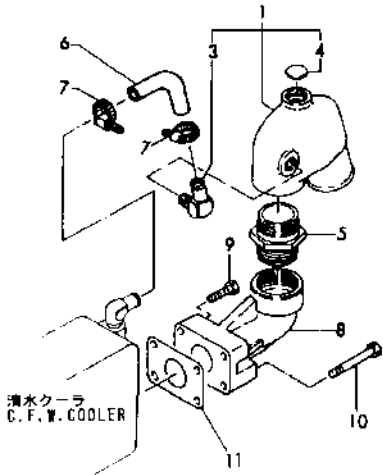
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124070-13520	ELBOW	1	1	1	1				
3	2	124070-13300	ELBOW, PT3/8	1	1	1	1				
4	2	27233-250000	PLUG, 25	1	1	1	1				
5	1	104214-13580	JOINT	1	1	1	1				
6	1	128370-49250	PIPE, WATER	1	1	1	1				
7	1	23000-025000	CLAMP, 25	2	2	2	2				
8	1	128370-13610	ELBOW	1	1	1	1				
9	1	26116-080402	BOLT, M8X 40 PLATED	2		2	2				
9-1	1	26203-080452	BOLT, M8X 45 PLATED	2	2	2	2				S
	(A=E01538)		(C=E00133)	(D=E00212)							
10	1	26116-080602	BOLT, M8X 60 PLATED	2		2	2				
10-1	1	26203-080652	BOLT, M8X 65 PLATED	2	2	2	2				S
	(A=E01538)		(C=E00133)	(D=E00212)							
11	1	128370-13230	GASKET	1		1	1				W
	(A=E01538)		(C=E00133)	(D=E00212)							
11-1	1	128370-13231	GASKET	1	1	1	1				N
	(A=E05446)		(C=E00215)	(D=E00123)							
12	2	121575-49300	JOINT, PIPE	1	1	1	1				W
	(A=E01538)		(C=E00133)	(D=E00212)							
13	2	128370-13220	SPACER	1	1	1	1				W
	(A=E01538)		(C=E00133)	(D=E00212)							
14	1	128370-13200	GASKET	1		1	1				
14-1	1	128370-13201	GASKET	1	1	1	1				N
	(A=E11532)		(C=E00343)	(D=E01203)							

Fig.73. MIXING ELBOW(OPTIONAL)

Fig.73 ミキシングエルボ(オプション)
MIXING ELBOW(OPTIONAL)

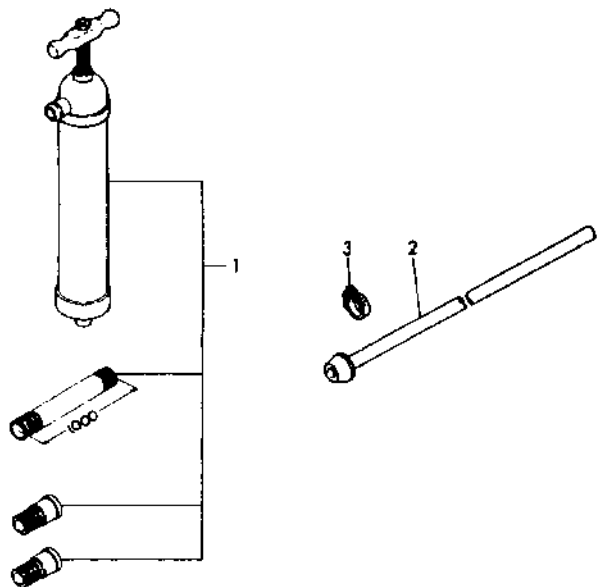


(A)=3GM30
(B)=3GM30VE
(C)=3GM30B
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124070-13520	ELBOW					1	1		
3	2	124070-13300	ELBOW, PT3/8					1	1		
4	2	27233-250000	PLUG, 25					1	1		
5	1	104214-13580	JOINT					1	1		
6	1	128690-49250	PIPE, WATER					1	1		
7	1	23000-025000	CLAMP, 25					2	2		
8	1	128370-13610	ELBOW					1	1		
9	1	26203-080402	BOLT, M8X 40 PLATED					2	2		
10	1	26203-080602	BOLT, M8X 60 PLATED					2	2		
11	1	128370-13200	GASKET					1		W	
						(E=FROM 1ST)					
11-1	1	128370-13201	GASKET					1	1	N	
						(E=E11515)					

Fig.74. LUB.OIL WASTE PUMP(OPTIONAL)

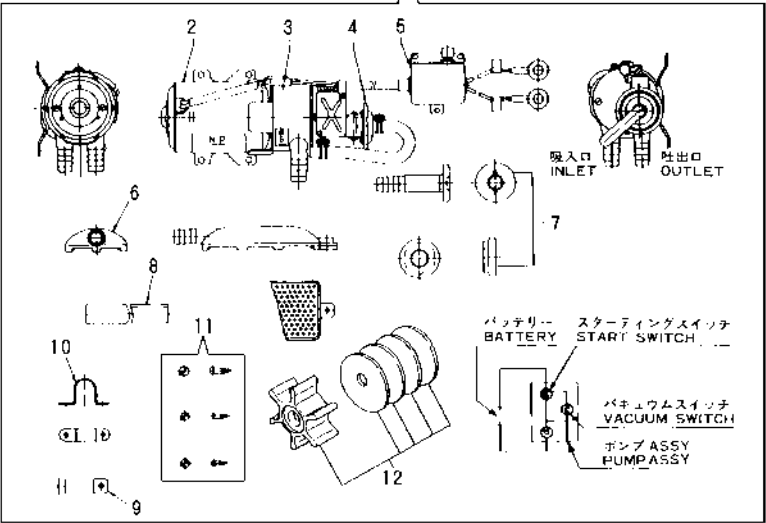
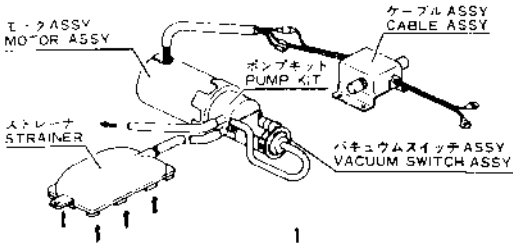
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	28210-000080	PUMP	1	1	1	1	1	1		
2	1	128275-39710	PIPE, OIL	1	1	1	1	1	1		
3	1	23080-018000	CLAMP, 18	3	3	3	3	3	3		

Fig.75. ELECTRIC BILGE PUMP(12V)(OP)

P/C NEWS No:Y00F5082-4
PUBLISHED:2004/7



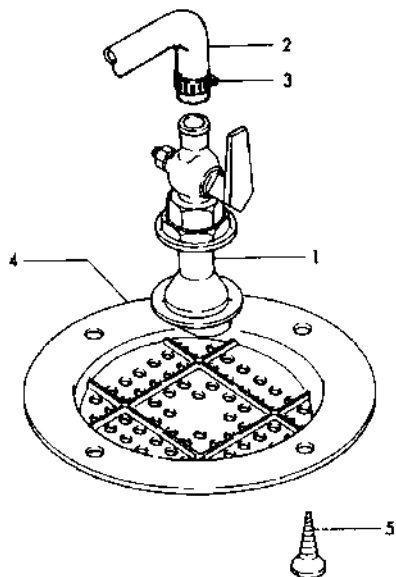
(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	977782-00122	PUMP(12V), BILGE	1	1	1	1	1	1		
2	2	XBP2901200	MOTOR ASSY.	1	1	1	1	1	1		M
2-1	2	XBP1902200	MOTER ASSY	1	1	1	1	1	1		
3	2	XBP1901300	PUMP SET	1	1	1	1	1	1		
4	2	XBP1902400	VACUUM SWITCH ASSY	1	1	1	1	1	1		
5	2	XBP1905500	CABLE ASSY.	1	1	1	1	1	1		
6	2	XBP1902810	STRAINER	1	1	1	1	1	1		
7	2	XBP1901820	OUTLET	1	1	1	1	1	1		
8	2	XBP1901830	HOSE	1	1	1	1	1	1		
9	2	XBP1901910	SPACER	1	1	1	1	1	1		
10	2	XBP1901920	CLAMP	1	1	1	1	1	1		
11	2	XBP1901950	SCREW SET	1	1	1	1	1	1		
12	2	947859-20010	IMPELLER	1	1	1	1	1	1		

Remarks
(M)MISPRINT:REFER TO THE NEXT ITEM.

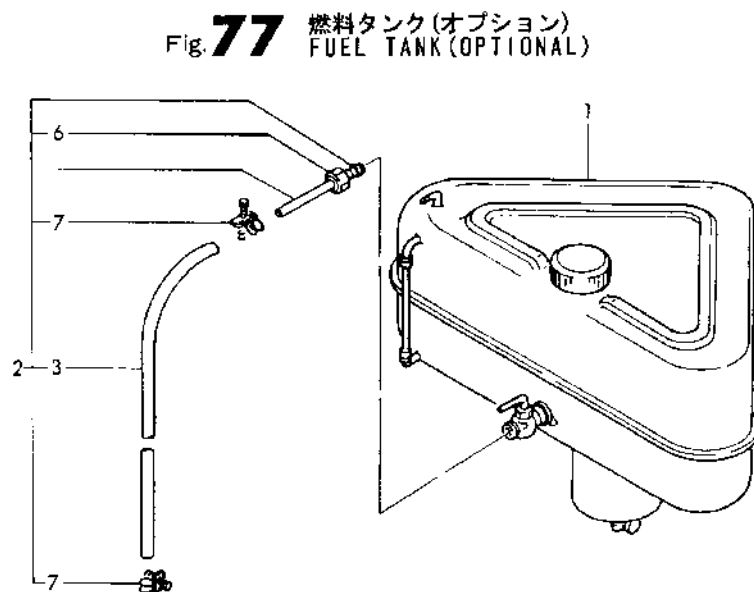
Fig. **76** キングストーンコック(オプション)
KINGSTON COCK (OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	43662-015020	COCK					1	1		
2	1	124223-49050	PIPE, WATER					1	1		
3	1	23000-025000	CLAMP, 25					2	2		
4	1	43666-020951	COVER, STRAINER					1	1		
5	1	22724-800380	SCREW, 8.0X38					4	4		

Fig.77. FUEL TANK(OPTIONAL)

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	83213-003012	TANK (30L), FUEL	1	1	1	1	1	1		
2	1	124070-59060	PIPE ASSY, FUEL	1	1	1	1	1	1		
3	2	124070-59130	PIPE, FUEL 2M	1	1	1	1	1	1		
6	2	138603-59380	CAP NUT	1	1	1	1	1	1		
7	2	23010-014000	CLAMP, 14	2	2	2	2	2	2		

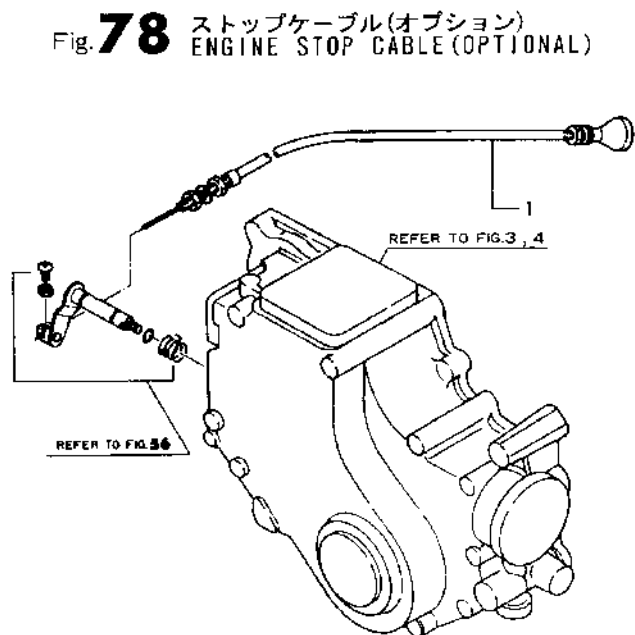
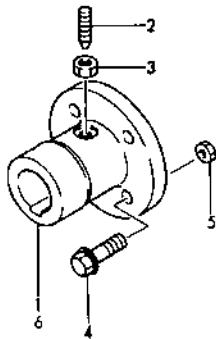


Fig.79. TAPER COUPLING(OPTIONAL)

Fig.79 テーパーカップリング(オプション)
TAPER COUPLING(OPTIONAL)



OCF10-M50602 Fig.79
(A)=3GM30 (D)=3GM30C
(B)=3GM30VE (E)=3GM30F
(C)=3GM30B (F)=3GM30FVE

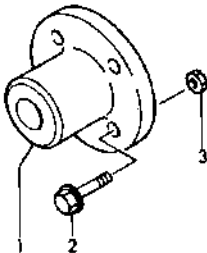
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	48110-032502	COUPLING, 30					1	1		1
2	1	48110-032411	SCREW					1	1		
3	1	26756-080002	NUT, LOCK M8					1	1		
4	1	26106-100322	BOLT, M10X 32 PLATED					4	4		
5	1	26706-100002	NUT, M10					4	4		
6	1	48110-028063	COUPLING, TAPER 28					1	1	W	1

(E=EXXX)

Remarks
1)SELECT PART.

Fig.80. COUPLING(OPTIONAL)

Fig. **80** カップリング(オプション)
COUPLING(OPTIONAL)



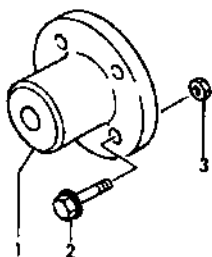
(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	105583-85900	COUPLING, 22	1	1			1	1		
2	1	26106-100322	BOLT, M10X 32 PLATED	4	4			4	4		
3	1	26706-100002	NUT, M10	4	4			4	4		

Fig.81. STRAIGHT COUPLING(OPTIONAL)

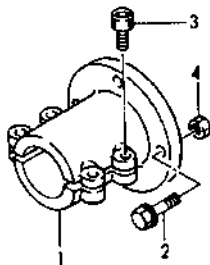
Fig.



No.	Lev.	Parts No.	Description	(A)=3GM30 (B)=3GM30VE (C)=3GM30B		(D)=3GM30C (E)=3GM30F (F)=3GM30FVE				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	45414-500260	COUPLING, 16MM	1	1			1	1		
2	1	26106-100322	BOLT, M10X 32 PLATED	4	4			4	4		
3	1	26706-100002	NUT, M10	4	4			4	4		

Fig.82. SLIT COUPLING(OPTIONAL)

Fig. 82 スリットカップリング(オプション)
SLIT COUPLING (OPTIONAL)



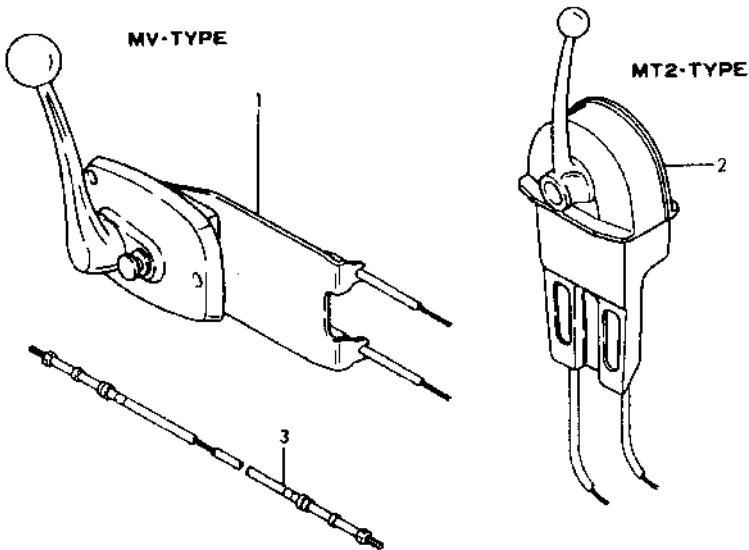
(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	104214-83980	COUPLING	1	1	1		1	1
2	1	26106-100322	BOLT, M10X 32 PLATED	4	4	4		4	4
3	1	26450-080282	BOLT, M8X 28	4	4	4		4	4
4	1	26706-100002	NUT, M10	4	4	4		4	4

Fig.83. SINGLE LEVER CONTROL(OPTIONAL)

Fig.83 シングルレバーコントロール(オプション)
SINGLE LEVER CONTROL(OPTIONAL)



(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

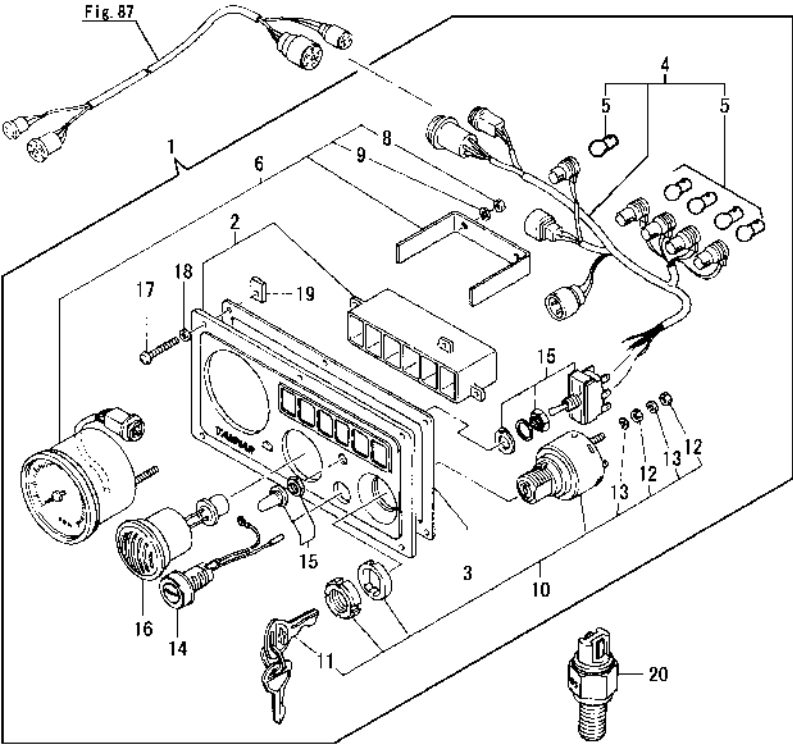
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128170-86500	CONTROLLER	1	1	1	1	1	1		
2	1	196311-34250	STAND, CONTROLLER	1		1	1	1			
2-1	1	41730-000680	HEAD, REMOTE-CONTROL	1	1	1	1	1	1	1	S
3	(A=EXXX) 1	(C=EXXX) 41710-000380	(D=EXXX) CABLE L=4000	(E=EXXX)							
				2	2	2	2	2	2		

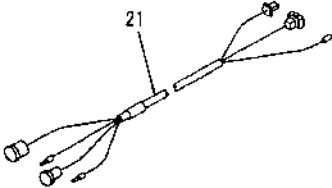
Fig.84. PANEL(B-TYPE)(OPTIONAL)

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE



フライホイールハウジングに取付
FIX TO FLYWHEEL HOUSING

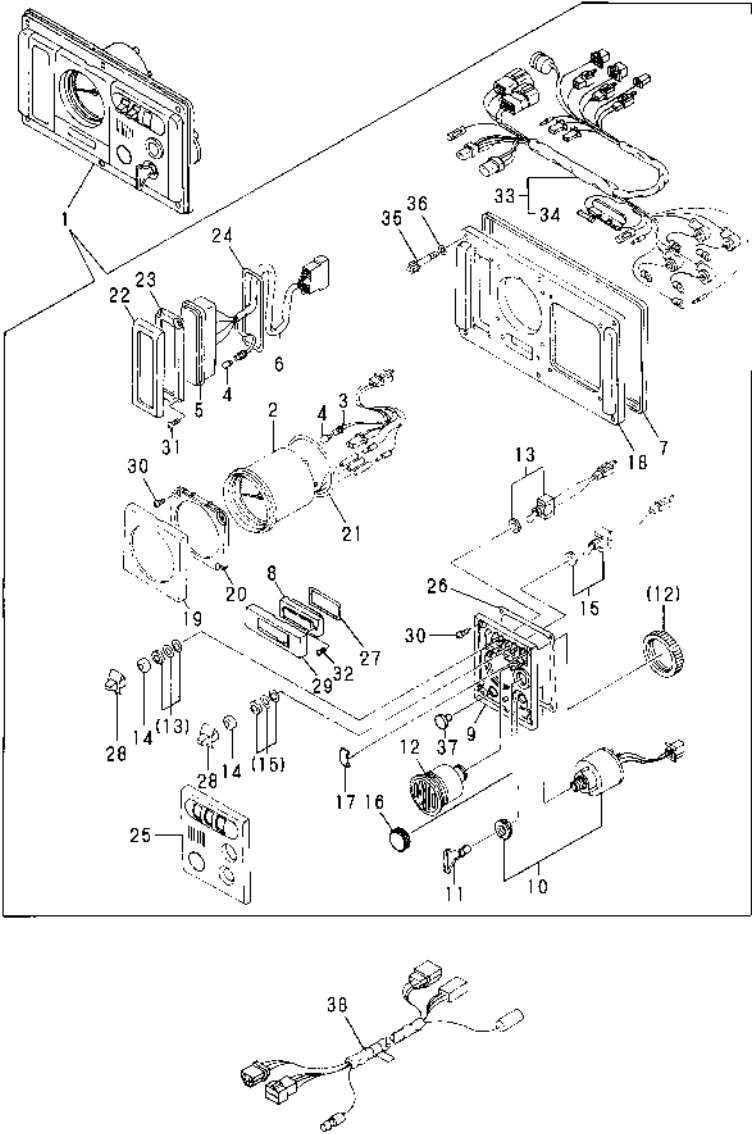


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128170-91001	PANEL, INSTRUMENT	1	1	1	1	1	1		
2	2	128170-91010	BODY, PANEL	1	1	1	1	1	1		
3	2	128170-91020	GASKET	1	1	1	1	1	1		
4	2	128170-91031	HARNESS, WIRE	1	1	1	1	1	1		
5	3	46150-001110	BULB(12V3W/G11.BA9S)	5	5	5	5	5	5		
6	2	128170-91100	TACHOMETER	1	1	1	1	1	1		
8	3	26716-050002	NUT, M5	2	2	2	2	2	2		
9	3	22217-050000	WASHER, SPRING 5	2	2	2	2	2	2		
10	2	124070-91250	SWITCH, KEY	1	1	1	1	1	1		
11	3	124070-91290	KEY, SWITCH	1	1	1	1	1	1		
12	3	26716-050002	NUT, M5	4	4	4	4	4	4		
13	3	22217-050000	WASHER, SPRING 5	4	4	4	4	4	4		
14	2	124070-91300	SWITCH	1	1	1	1	1	1		
15	2	128170-91310	SWITCH	1	1	1	1	1	1		
16	2	104271-91351	BUZZER	1	1	1	1	1	1		
17	2	128170-91810	SCREW, M5X35	6	6	6	6	6	6		
18	2	128170-91820	WASHER, 5	6	6	6	6	6	6		
19	2	128170-91830	NUT, M5	6	6	6	6	6	6		
20	1	128170-91160	SENSOR	1	1	1	1	1	1		
21	1	128391-77860	HARNESS ASSY, WIRE	1	1	1	1	1	1		W
(A=E14020)				(C=E00396)				(D=E01583)			
				(E=E14015)							

Fig.85. PANEL(B-TYPE,NEW,OPTIONAL)

P/C NEWS No:Y00F5062-3
PUBLISHED:2003/7

Fig.85 計器盤 (Bタイプ, 新形, オプション)
INSTRUMENT PANEL (B-TYPE, NEW, OPTIONAL)



Remarks
(1)FOR 3GM30B TYPE NEW PANEL
(E/#00396)
(M)MISPRINT:REFER TO THE NEXT ITEM.

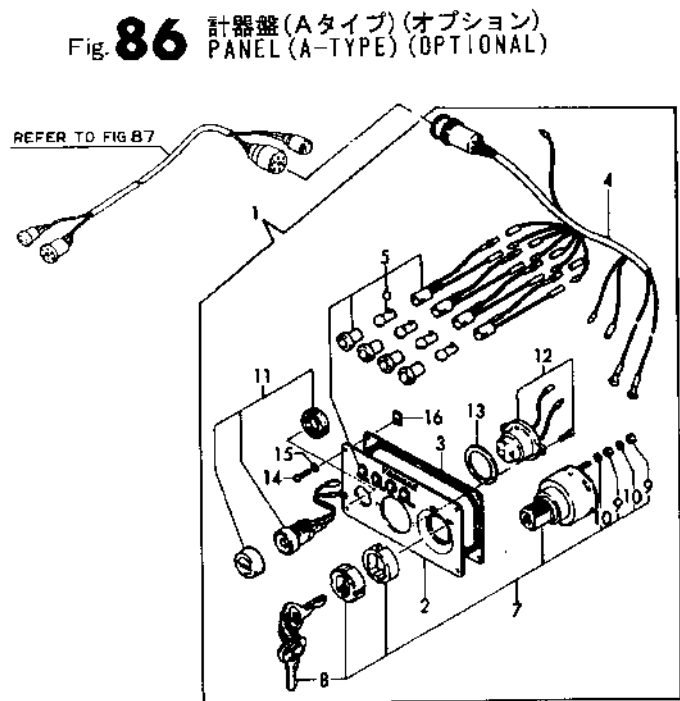
(A)=3GM30
(B)=3GM30VE
(C)=3GM30B
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128391-91130	PANEL ASSY, INSTRUM			1					1
2	2	128391-91200	METER KIT			1					
3	2	129574-91870	HARNESS, WIRE			1					
4	2	124617-91980	BULB, 12V-1.7W			6					
5	2	119183-91860	WIRE			1					M
5-1	2	128391-91260	BOX			1					
6	2	128391-91860	WIRE			1					
7	2	128391-91700	GASKET			1					
8	2	129170-91650	COVER			1					
9	2	129574-91410	BRACKET, SWITCH			1					
10	2	121575-91250	SWITCH, KEY			1					
11	2	123482-91291	KEY			1					
12	2	104271-91352	BUZZER			1					
13	2	129170-91800	SWITCH			1					
14	2	129574-91780	CAP, RUBBER			2					
15	2	129574-91790	SWITCH			1					
16	2	120324-91690	COVER			1					
17	2	129170-91810	COVER			1					
18	2	128391-91930	PANEL			1					
19	2	129574-91620	BEZEL			1					
20	2	129574-91420	BRACKET			1					
21	2	129574-91720	GASKET			1					
22	2	128391-91640	BEZEL			1					
23	2	128391-91440	PLATE			1					
24	2	128391-91740	GASKET			1					
25	2	120324-91610	BEZEL			1					
26	2	129574-91710	GASKET			1					
27	2	129574-91750	GASKET			1					
28	2	129574-91770	KNOB			2					
29	2	129574-91650	BEZEL			1					
30	2	127692-91410	SCREW			8					
31	2	127692-91440	SCREW			4					
32	2	127692-91450	SCREW			2					
33	2	128391-91850	HARNESS, WIRE			1					
34	3	124617-91990	FUSE			1					
35	2	127687-91870	BOLT, M6X35			6					
36	2	127687-91880	WASHER			6					
37	2	129574-91760	COVER			1					W
(C=*1994.01)											
38	1	128391-77700	HARNESS, WIRE			1					

Fig.86. PANEL(A-TYPE)(OPTIONAL)

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128371-91000	PANEL ASSY				1				
2	2	128270-91010	BODY, PANEL				1				
3	2	128270-91020	GASKET				1				
4	2	128371-91030	HARNES, WIRE				1				
5	2	128270-91040	LAMP, PILOT				4				
6	3	46150-001110	BULB(12V3W/G11.BA9S)				4				
7	2	124070-91250	SWITCH, KEY				1				
8	3	124070-91290	KEY, SWITCH				1				
9	3	26716-050002	NUT, M5				4				
10	3	22217-050000	WASHER, SPRING 5				4				
11	2	124070-91300	SWITCH				1				
12	2	128270-91350	BUZZER, ALARM				1				
13	2	128270-91360	GASKET				1				
14	2	128170-91810	SCREW, M5X35				4				
15	2	128170-91820	WASHER, 5				4				
16	2	128170-91830	NUT, M5				4				

Fig.87. EXTENSION WIRE(OPTIONAL)

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

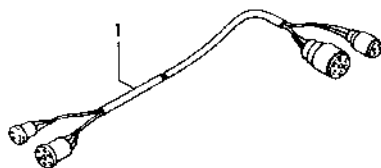
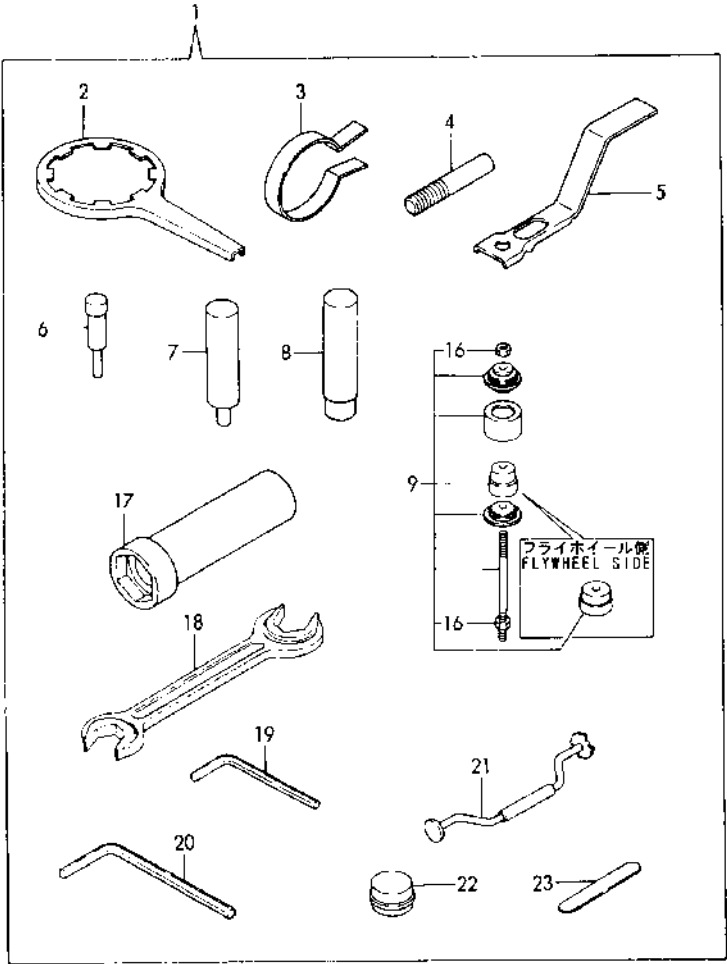


Fig.88. SPECIAL TOOL(OPTIONAL)

Fig.88 特殊工具(オプション)
SPECIAL TOOL (OPTIONAL)

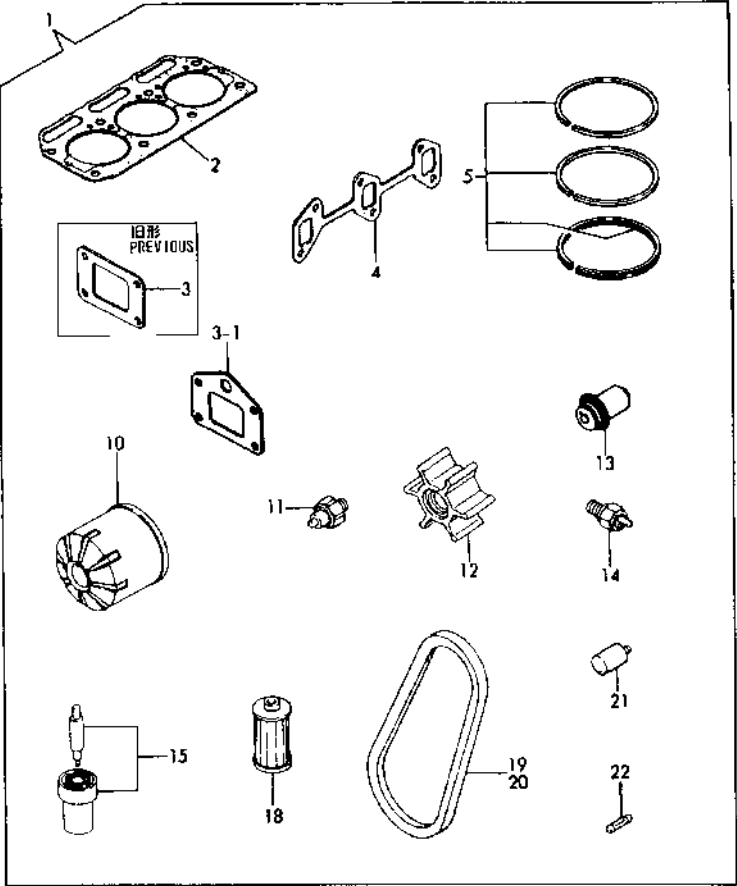


(A)=3GM30
(B)=3GM30VE
(C)=3GM30B
(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728270-92400	TOOL ASSY, SPECIAL	1	1	1	1	1	1		
2	2	124550-35350	WRENCH, FILTER	1	1	1	1	1	1		
3	2	101200-92140	TOOL, PISTON&RING	1	1	1	1	1	1		
4	2	101104-92180	TOOL, NOZZLE REMOVER	1	1	1	1	1	1		
5	2	124085-92210	TOOL, VALVE REMOVER	1	1	1	1	1	1		
6	2	124085-92250	TOOL, VALVE GUIDE	1	1	1	1	1	1		
7	2	124085-92260	TOOL, PISTON PIN	1	1	1	1	1	1		
8	2	124085-92270	TOOL, PIN BUSH	1	1	1	1	1	1		
9	2	124085-92400	TOOL, METAL REMOVER	1	1	1	1	1	1		
16	3	26716-160002	NUT, M16	2	2	2	2	2	2		
17	2	124085-92700	WRENCH	1	1	1	1	1	1		
18	2	28110-270300	SPANNER, 27X30	1	1	1	1	1	1		
19	2	28150-040000	WRENCH, BAR 4	1	1	1	1	1	1		
20	2	28150-050000	WRENCH, BAR 5	1	1	1	1	1	1		
21	2	28210-000031	TOOL, VALVE RAPPING	1	1	1	1	1	1		
22	2	28210-000070	COMPOUND	1	1	1	1	1	1		
23	2	28312-200750	GAUGE, 0.20X75	1	1	1	1	1	1		

Fig.89. REPAIR PART(OPTIONAL)

Fig.89 スペアパーツ(オプション)
REPAIR PART(OPTIONAL)



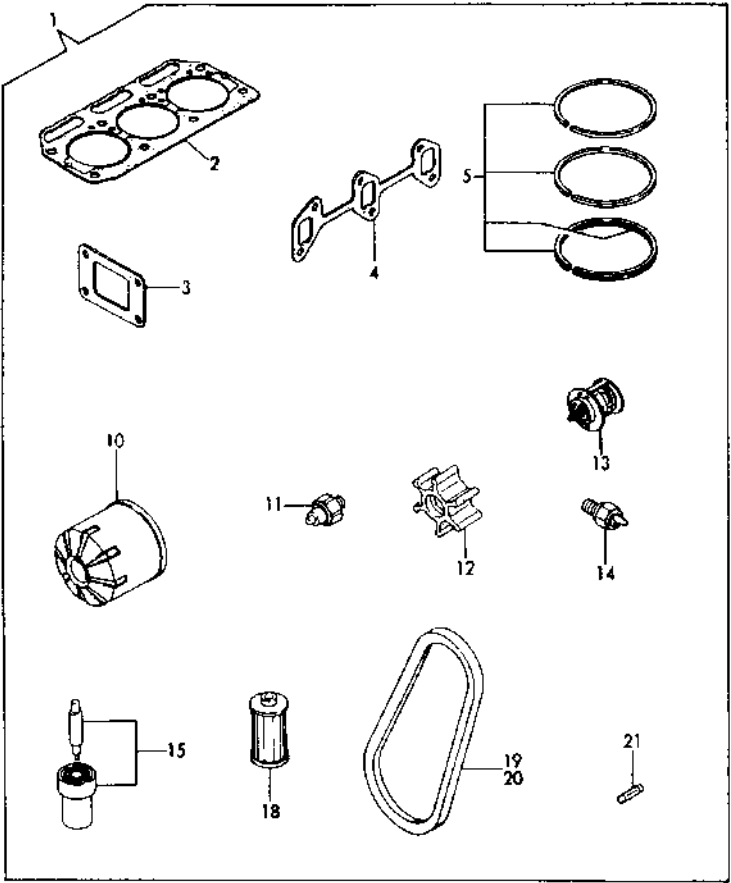
(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728374-92500	PARTS KIT, SPARE	1	1	1	1				
2	2	128374-01330	GASKET, HEAD	1		1	1				
2-1	2	128374-01911	GASKET, HEAD	1	1	1	1				N
		(A=E04576)	(C=E00202)	(D=E00119)							
3	2	128370-13200	GASKET	1		1	1				
3-1	2	128370-13230	GASKET	1		1	1				S
		(A=E01538)	(C=E00133)	(D=E00212)							
3-2	2	128370-13231	GASKET	1	1	1	1				N
		(A=E05449)	(C=E00215)	(D=E00123)							
4	2	121450-13250	GASKET	1		1	1				
4-1	2	121450-13251	GASKET, MANIFOLD	1	1	1	1				N
		(A=E11532)	(C=E00343)	(D=E01203)							
5	2	705311-22500	RING SET, PISTON	3	3	3	3				
10	2	124450-35100	FILTER, OIL	1		1	1				
10-1	2	119660-35150	FILTER, LUB. OIL	1	1	1	1				N
		(A=E11532)	(C=E00343)	(D=E01203)							
10-2	2	119305-35151	FILTER ASSY, D68XL65	1	1	1	1				N
		(A=E00000)	(B=E00000)	(C=E00000)	(D=E00000)						
11	2	124060-39451	SWITCH, 0.2KG	1	1	1	1				
12	2	104211-42070	IMPELLER	1	1	1	1				
13	2	105582-49200	THERMOSTAT	1	1	1	1				
14	2	128275-91340	SWITCH, 65	1	1	1	1				
15	2	124770-53000	VALVE ASSY,INJECTION	3	3	3	3				
18	2	104500-55710	ELEMENT	1	1	1	1				
19	2	104511-78780	V-BELT, M/19	1	1	1	1				
20	2	128670-77350	V-BELT, A31	1	1	1	1				
21	2	27210-200300	ZINC, SCREW20X30	3	3	3	3				
22	2	46150-003680	FUSE 30A	1	1	1	1				

Fig.90. REPAIR PART(OPTIONAL)

Fig.90 スペアパーツ(オプション)
REPAIR PART(OPTIONAL)

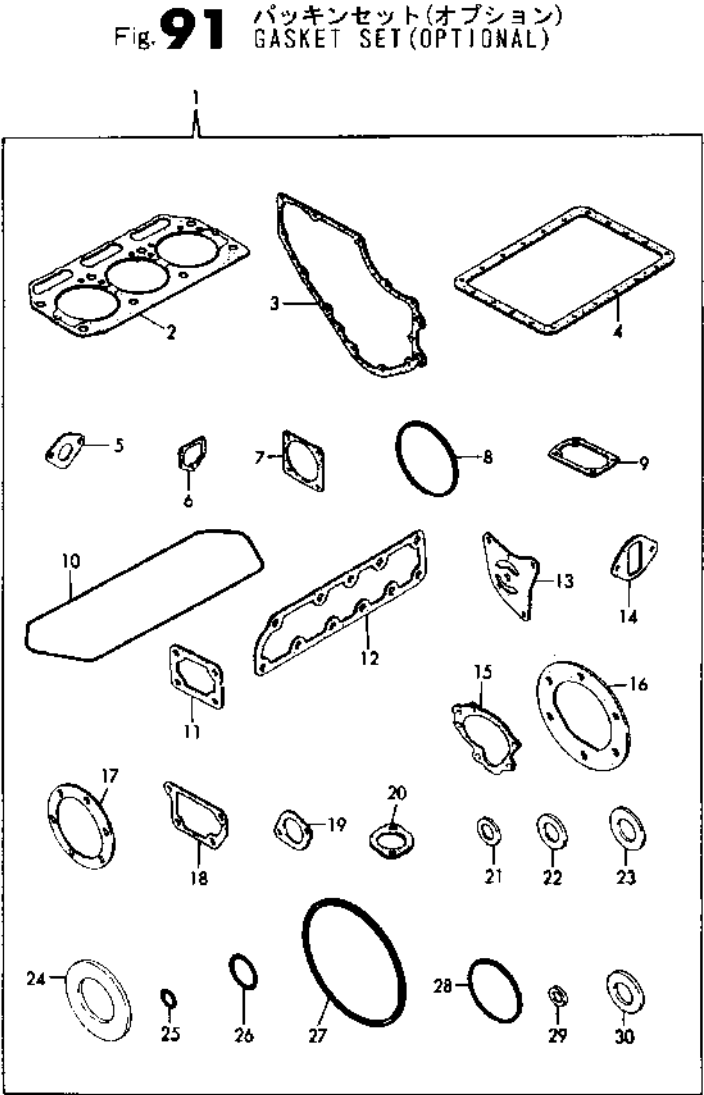


(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728391-92500	PARTS KIT, SPARE					1	1		
2	2	128374-01330	GASKET, HEAD					1			
2-1	2	128374-01911	GASKET, HEAD					1	1	N	
(E=E04594)											
3	2	128370-13200	GASKET					1			
3-1	2	128370-13201	GASKET					1	1	N	
(E=E11515)											
4	2	121450-13250	GASKET					1			
4-1	2	121450-13251	GASKET, MANIFOLD					1	1	N	
(E=E11515)											
5	2	705311-22500	RING SET, PISTON					3	3		
10	2	124450-35100	FILTER, OIL					1			
10-1	2	119660-35150	FILTER, LUB. OIL					1	1	R	
(E=E11515)											
10-2	2	119305-35151	FILTER ASSY, D68XL65					1	1	N	
(E=EXXXXX) (F=EXXXXX)											
11	2	124060-39451	SWITCH, 0.2KG					1	1		
12	2	124223-42091	IMPELLER					1	1		
13	2	121750-49800	THERMOSTAT					1	1		
14	2	127610-91350	SWITCH, 95					1	1		
15	2	124770-53000	VALVE ASSY,INJECTION					3	3		
18	2	104500-55710	ELEMENT					1	1		
19	2	104511-78780	V-BELT, M/19					1	1		
20	2	124732-42290	V-BELT, AX37					1	1		
21	2	46150-003680	FUSE 30A					1	1		

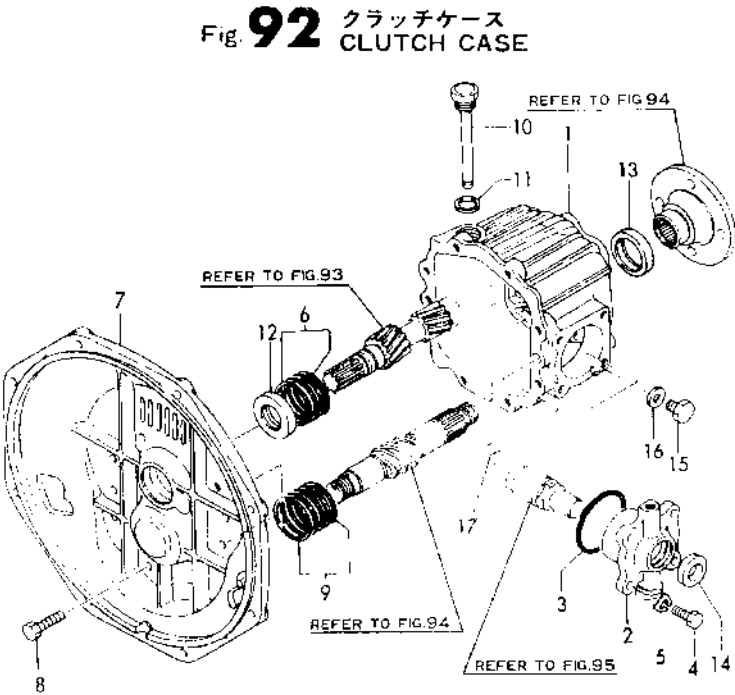
Fig.91. GASKET SET(OPTIONAL)



				OCF10-M50602 Fig.91							
				(A)=3GM30 (B)=3GM30VE (C)=3GM30B	(D)=3GM30C (E)=3GM30F (F)=3GM30FVE						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728374-92600	GASKET SET	1	1	1	1	1	1		
2	2	128374-01330	GASKET, HEAD	1		1	1	1			
2-1	2	128374-01911	GASKET, HEAD	1	1	1	1	1	1	1	N
3	(A=E04576) 2	121575-01510	(C=E00202) GASKET, GEAR CASE	(D=E00119)	(E=E04594)	1	1	1	1		
3-1	2	121575-01511	GASKET, GEAR CASE			1	1	1	1	1	N
4	(A=E11532) 2	121450-01751	(C=E00343) GASKET, OIL SUMP	(D=E01203)	(E=E11515)	1	1	1	1	1	1
5	2	121520-01850	GASKET			1	1	1	1		
5-1	2	121520-01851	GASKET			1	1	1	1	1	1
6	(A=E10103) 2	121575-01860	(C=E00309) GASKET	(D=E01060)	(E=E10104)	1	1	1	1		
6-1	2	121575-01861	GASKET			1	1	1	1	1	1
7	(A=E11532) 2	124240-01882	(C=E00343) GASKET	(D=E01203)	(E=E11515)	1	1	1	1		
7-1	2	124240-01883	GASKET			1	1	1	1	1	1
7-2	(A=E10103) 2	129C26-01890	(C=E00309) GASKET, HO-P	(D=E01060)	(E=E10104)	1	1	1	1	1	1
8	(A=EXXXXX) 2	105225-02020	(B=EXXXXX) O-RING	(C=EXXXXX)	(D=EXXXXX)	(E=EXXXXX)	(F=EXXXXX)	1	1	1	
9	2	121000-03070	GASKET			1	1	1	1	1	1
10	2	121450-11310	GASKET, BONNET			1	1	1	1	1	1
11	2	121450-11680	GASKET			1	1	1	1		
11-1	2	121450-11681	GASKET			1	1	1	1	1	1
12	(A=E11532) 2	128370-13180	(C=E00343) GASKET	(D=E01203)	(E=E11515)	1	1	1	1		
12-1	2	128370-13181	GASKET			1	1	1	1	1	1
13	(A=E11532) 2	121450-32021	(C=E00343) GASKET, PUMP	(D=E01203)	(E=E11515)	1	1	1	1	1	1
14	2	124160-34844	GASKET			1	1	1	1		
14-1	2	124160-34845	GASKET			1	1	1	1	1	1
15	(A=E11532) 2	121000-42051	(C=E00343) GASKET, WATER PUMP	(D=E01203)	(E=E11515)	1	1	1	1	1	1
16	2	104211-42090	GASKET			1	1	1	1	1	1
17	2	124223-42110	GASKET, WATER PUMP			1	1	1	1	1	1
18	2	121450-44410	GASKET			1	1	1	1	1	1
19	2	104211-49160	GASKET			1	1	1	1	1	1
20	2	129350-49540	GASKET			1	1	1	1		
20-1	2	124736-49540	GASKET			1	1	1	1	1	1
21	(A=EXXX) 2	23414-080000	(C=EXXX) GASKET, 8X1.0	(D=EXXX)	(E=EXXX)	20	20	20	20	20	20
22	2	23414-100000	GASKET, 10X1.0			5	5	5	5	5	5
23	2	23414-120000	GASKET, 12X1.0			20	20	20	20	20	20
24	2	23414-250000	GASKET, 25X1.0			5	5	5	5	5	5
25	2	24311-000100	O-RING, 1AP10.0			2	2	2	2	2	2
26	2	24311-000160	O-RING, 1AP16.0			1	1	1	1	1	1
27	2	24311-000700	O-RING, 1AP70.0			2	2	2	2	2	2
28	2	24321-000350	O-RING, 1AG35.0			1	1	1	1	1	1
29	2	43400-500390	SEAL WASHER 6S			2	2	2	2	2	2
30	2	43400-500450	SEAL WASHER 12S			2	2	2	2	2	2

(A)=KM3A
(B)=
(C)=

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

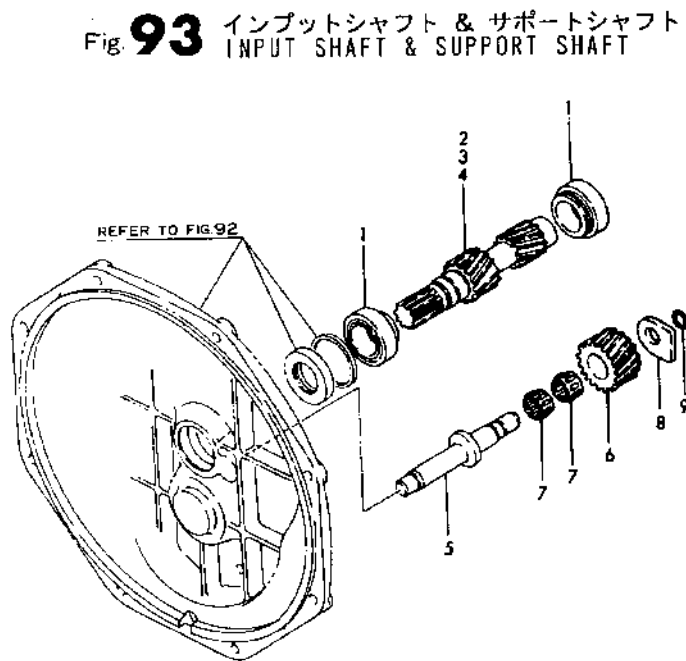


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177070-02011	HOUSING, CLUTCH	1							
2	1	177088-02091	COVER	1							
3	1	24341-000600	O-RING, 1AS60.0	1							
4	1	26116-080202	BOLT, M8X 20 PLATED	4							
5	1	22287-080000	WASHER, 8	4							
6	1	177088-02350	SHIM SET	1							
7	1	177070-02031	FLANGE, CLUTCH	1							
8	1	26116-080252	BOLT, M8X 25 PLATED	8							
9	1	177090-02250	SHIM	1							
10	1	177088-02450	DIPSTICK	1							
11	1	23414-160021	GASKET, 16X1.0	1							
12	1	177088-02950	SEAL SC25 40 8, OIL	1							
13	1	177088-02961	SEAL MHA34 44 8,OIL	1							
14	1	177088-02970	SEAL, OIL	1							
15	1	23883-100002	PLUG, 10	1							
16	1	23414-100000	GASKET, 10X1.0	1							
17	1	22312-100160	PIN, PARALLEL M10X16	2							

Fig.93. INPUT SHAFT & SUPPORT SHAFT

(A)=KM3A
(B)=
(C)=

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



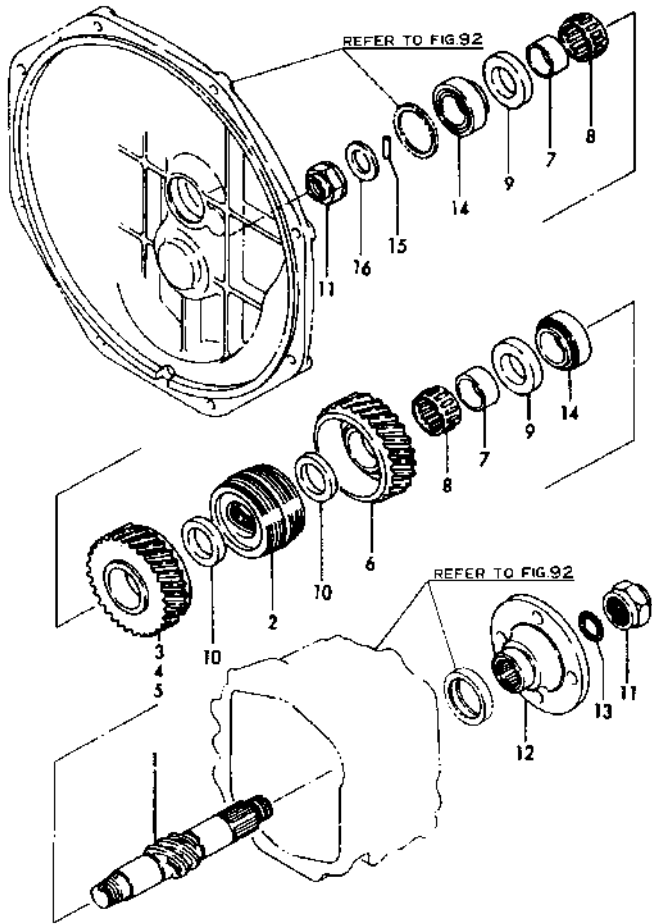
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177088-03400	ROLLER BERING	2							
2	1	177070-03030	SHAFT, INPUT	1							
3	1	177070-03010	SHAFT, INPUT	1							
4	1	177070-03020	SHAFT, INPUT	1							
5	1	177070-03301	SHAFT, IDLE	1							
6	1	177088-03311	GEAR, IDLE Z=26	1							
7	1	177088-03331	NEEDLE BERG.#K162213	2							
8	1	177088-03341	WASHER, THRUST	1							
9	1	24341-000120	O-RING, 1AS12.0	1							

Fig.94. OUTPUT SHAFT

(A)=KM3A
(B)=
(C)=

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

Fig.94 アウトプットシャフト
OUTPUT SHAFT



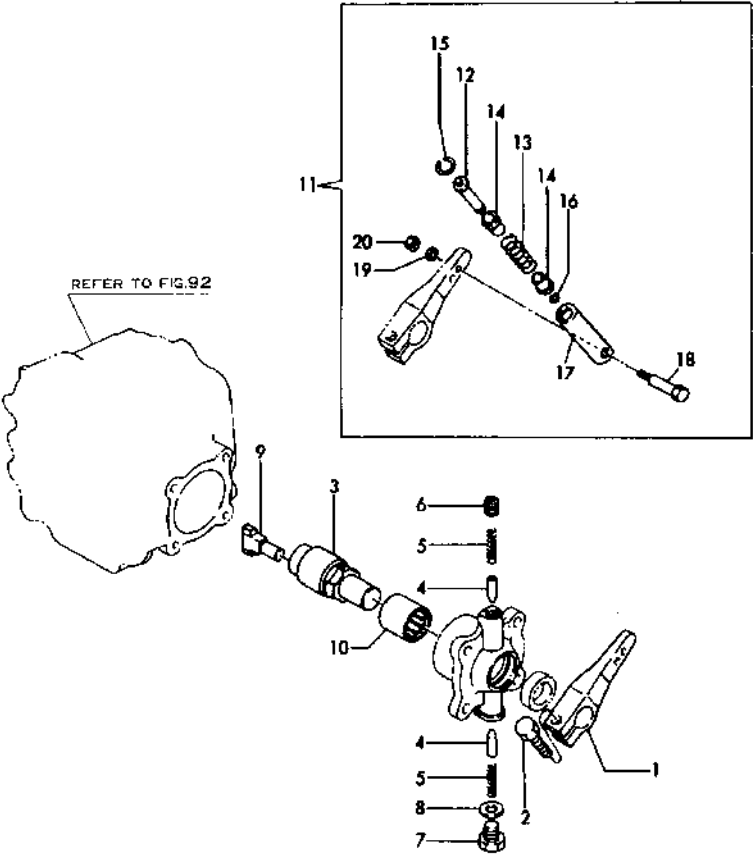
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177070-03040	SHAFT, OUTPUT	1							
2	1	177070-03070	CONE, DRIVE	1							
3	1	177070-03130	GEAR, FORWARD Z=59	1							
4	1	177070-03111	GEAR, Z=60	1							
5	1	177070-03121	GEAR, FORWARD Z=64	1							
6	1	177070-03111	GEAR, Z=60	1							
7	1	177070-03190	RACE, BEARING	2							
8	1	177070-03200	NEEDLE BEARING	2							
9	1	177070-03230	COLLAR, THRUST	2							
10	1	177070-03250	COLLAR, THRUST	2							
11	1	177088-03272	NUT	2							
12	1	177070-03550	COUPLING	1							
13	1	24311-000210	O-RING, 1AP21.0	1							
14	1	24141-302050	BEARING, 30205	2							
15	1	177088-03290	PIN	1							
16	1	177088-03280	COLLAR, 32D-45T	1							

Fig.95. REMOTE CONTROL DEVICE

(A)=KM3A
(B)=
(C)=

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

Fig. 95 操纵装置
REMOTE CONTORL DEVICE



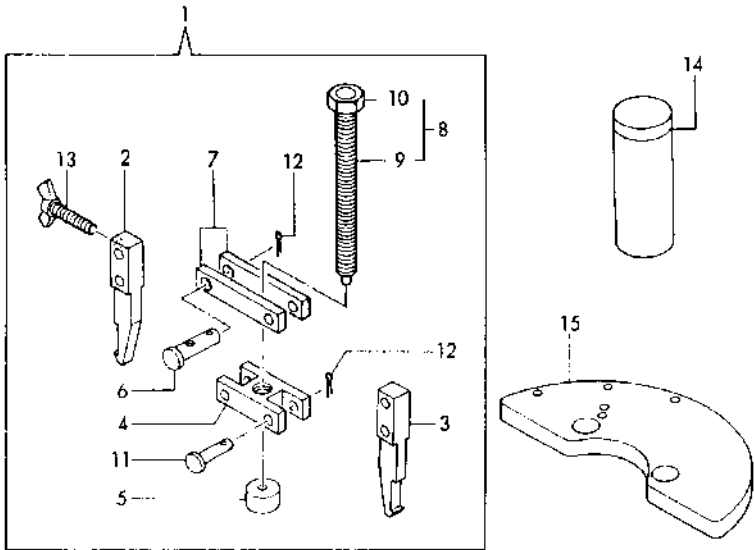
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177095-06040	LEVER	1							
2	1	26106-080252	BOLT, M8X 25 PLATED	1							
3	1	177088-06010	SHAFT	1							
4	1	177095-03190	PIN	2							
5	1	177088-06020	SPRING	2							
6	1	26911-100102	SCREW, M10X10	1							
7	1	23883-100002	PLUG, 10	1							
8	1	23414-100000	GASKET, 10X1.0	1							
9	1	177088-06050	SHIFTER	1							
10	1	177088-06070	NEEDLE BERG. #HK3026	1							
11	1	177088-06090	CONNECTOR ASSY	1							
12	2	177088-06120	CONNECTOR	1							
13	2	177088-06170	SPRING	1							
14	2	177088-06140	RETAINER, SPRING	2							
15	2	177088-06150	CIRCLIP	1							
16	2	177088-06160	CIRCLIP	1							
17	2	177088-06110	HOLDER	1							
18	2	177088-06100	CONNECTOR	1							
19	2	22117-060000	WASHER, 6	1							
20	2	26716-060002	NUT, M6	1							

Fig.96. TOOL(OPTIONAL)

(A)=KM3A
(B)=
(C)=

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

Fig. **96** 工具(オプション)
TOOL (OPTIONAL)

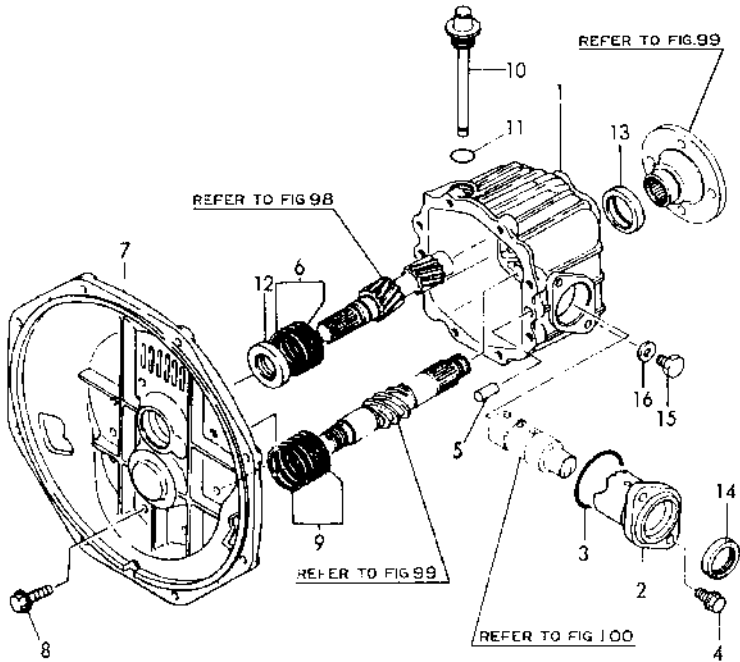


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177088-09010	TOOL ASSY, REMOVER	1							
2	2	177088-09020	TOOL	1							
3	2	177088-09030	TOOL	1							
4	2	177088-09040	SUPPORT	1							
5	2	177088-09050	RETAINER	1							
6	2	177088-09060	PIN	1							
7	2	177088-09070	SUPPORT	2							
8	2	177088-09080	BOLT ASSY	1							
9	3	177088-09090	BOLT	1							
10	3	26736-100002	NUT, M10	1							
11	2	22487-060240	PIN, H 6X 24	3							
12	2	22414-160120	PIN, COTTER 1.6X12	4							
13	2	26646-040352	WING BOLT	1							
14	1	177088-09150	TOOL, DRIVE	1							
15	1	177088-09160	JIG, LEVER LOCATING	1							

(A)=KM3P
(B)=
(C)=

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

Fig.97 クラッチケース
CLUTCH HOUSING



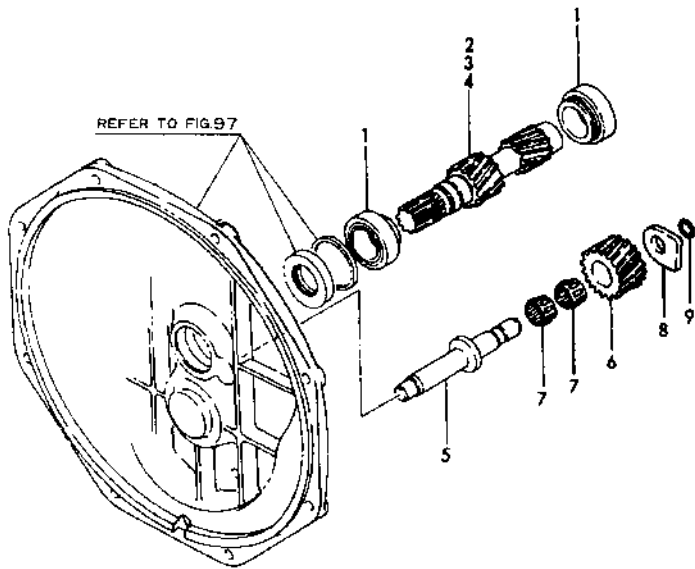
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177070-02012	HOUSING, CLUTCH	1							
2	1	177088-02120	COVER	1							
3	1	24321-000400	O-RING, 1AG40.0	1							
4	1	26013-080252	BOLT, M8X 25	2							
5	1	22312-100160	PIN, PARALLEL M10X16	2							
6	1	177088-02350	SHIM SET	1							
7	1	177070-02031	FLANGE, CLUTCH	1							
8	1	26106-080252	BOLT, M8X 25 PLATED	8							
9	1	177088-02300	SHIM SET	1							
10	1	177088-02451	DIPSTICK	1							
11	1	24311-000180	O-RING, 1AP18.0	1							
12	1	177088-02950	SEAL SC25 40 8, OIL	1							
13	1	177088-02961	SEAL MHA34 44 8,OIL	1							
14	1	24421-284008	SEAL, OIL TC284008	1							
15	1	23887-100002	PLUG, 10	1							
16	1	23414-100000	GASKET, 10X1.0	1							

Fig.98. INPUT SHAFT & SUPPORT SHAFT

(A)=KM3P
(B)=
(C)=

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

Fig.98 インプットシャフト & サポートシャフト
INPUT SHAFT & SUPPORT SHAFT

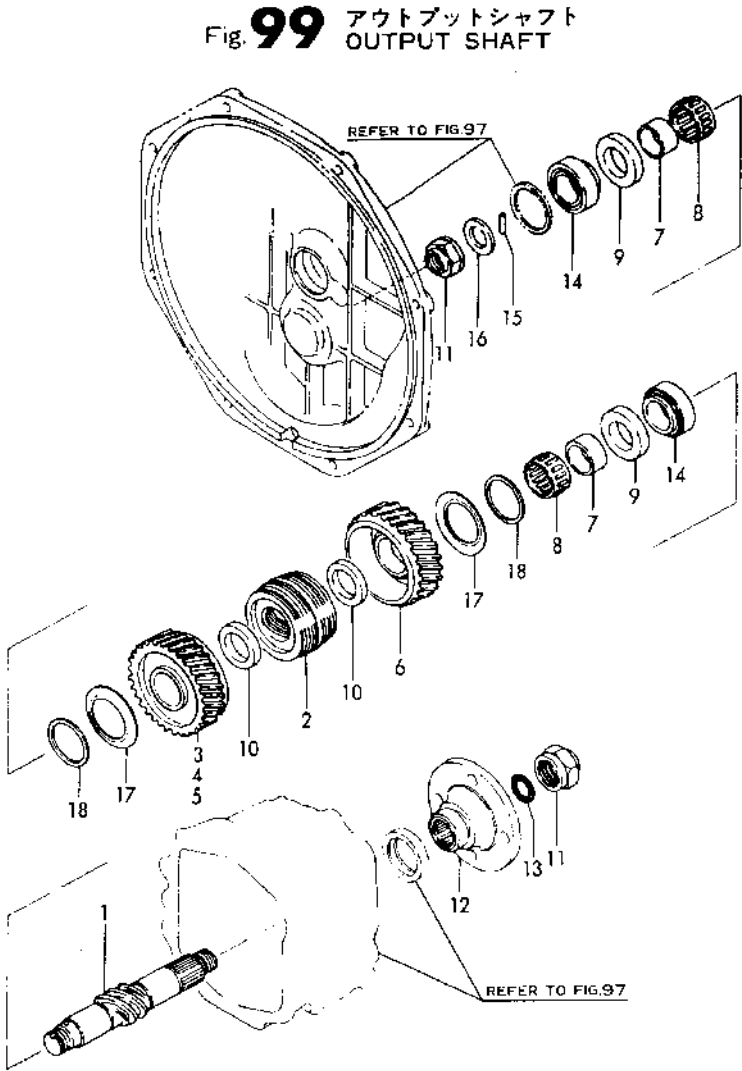


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177088-03400	ROLLER BEARING	2							
2	1	177070-03031	SHAFT, INPUT I=2.36	1							
3	1	177070-03011	SHAFT, INPUT I=2.61	1							
4	1	177070-03021	SHAFT, INPUT I=3.20	1							
5	1	177070-03302	SHAFT, IDLE	1							
6	1	177088-03311	GEAR, IDLE Z=26	1							
7	1	177088-03331	NEEDLE BEARING.#K162213	2							
8	1	177088-03341	WASHER, THRUST	1							
9	1	24341-000120	O-RING, 1AS12.0	1							

Fig.99. OUTPUT SHAFT

(A)=KM3P
(B)=
(C)=

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



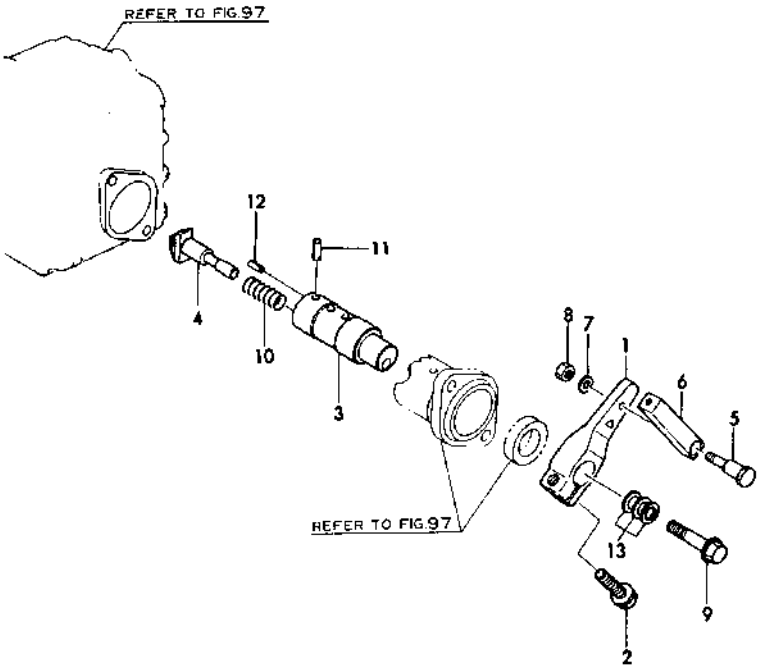
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177070-03041	SHAFT, OUTPUT	1							
2	1	177070-03071	CONE, DRIVE	1							
3	1	177070-03131	GEAR, FORWARD Z=59	1							
4	1	177070-03112	GEAR, Z=60	1							
5	1	177070-03122	GEAR, FORWARD Z=64	1							
6	1	177070-03112	GEAR, Z=60	1							
7	1	177070-03190	RACE, BEARING	2							
8	1	177070-03200	NEEDLE BEARING	2							
9	1	177070-03231	COLLAR, THRUST	2							
10	1	177070-03250	COLLAR, THRUST	2							
11	1	177088-03272	NUT	2							
12	1	177070-03550	COUPLING	1							
13	1	24311-000210	O-RING, 1AP21.0	1							
14	1	24141-302050	BEARING, 30205	2							
15	1	177088-03290	PIN	1							
16	1	177088-03280	COLLAR, 32D-45T	1							
17	1	177088-03540	SPRING	2							
18	1	177073-03340	RETAINER, SPRING	2							

Fig.100. REMOTE CONTROL DEVICE

(A)=KM3P
(B)=
(C)=

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

Fig.100 操縦装置
REMOTE CONTOROL DEVICE

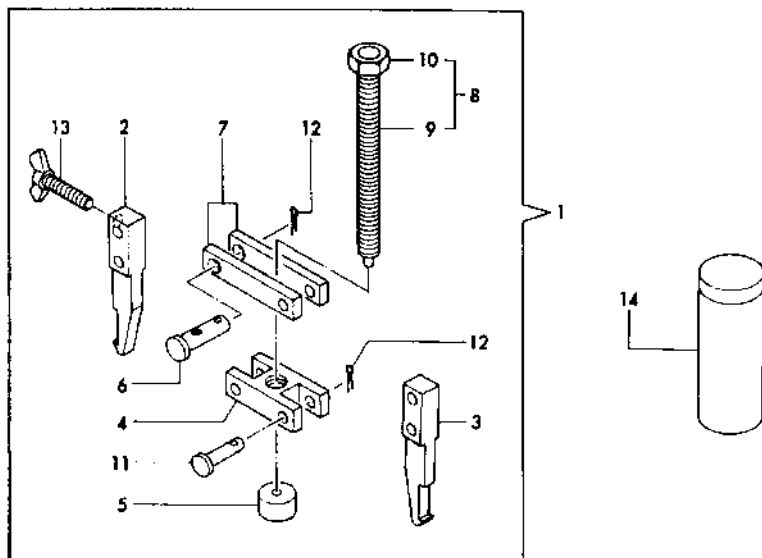


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177088-06400	LEVER	1							
2	1	26106-080252	BOLT, M8X 25 PLATED	1							
3	1	177088-06350	SHAFT, CONTROL	1							
4	1	177088-06390	SHIFTER	1							
5	1	177088-06101	CONNECTOR	1							
6	1	177088-06410	JOINT, 10-32UNF	1							
7	1	22137-060000	WASHER, 6	1							
8	1	26716-060002	NUT, M6	1							
9	1	177088-06360	BOLT	1							
10	1	177088-06370	SPRING	1							
11	1	196322-06610	PIN, PARALLEL 5X18	1							
12	1	22351-020012	PIN, SPRING 2.0X12	1							
13	1	177088-06380	SHIM SET	1							

Fig.101. TOOL(OPTIONAL)

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

Fig. 101 工具(オプション)
TOOL (OPTIONAL)

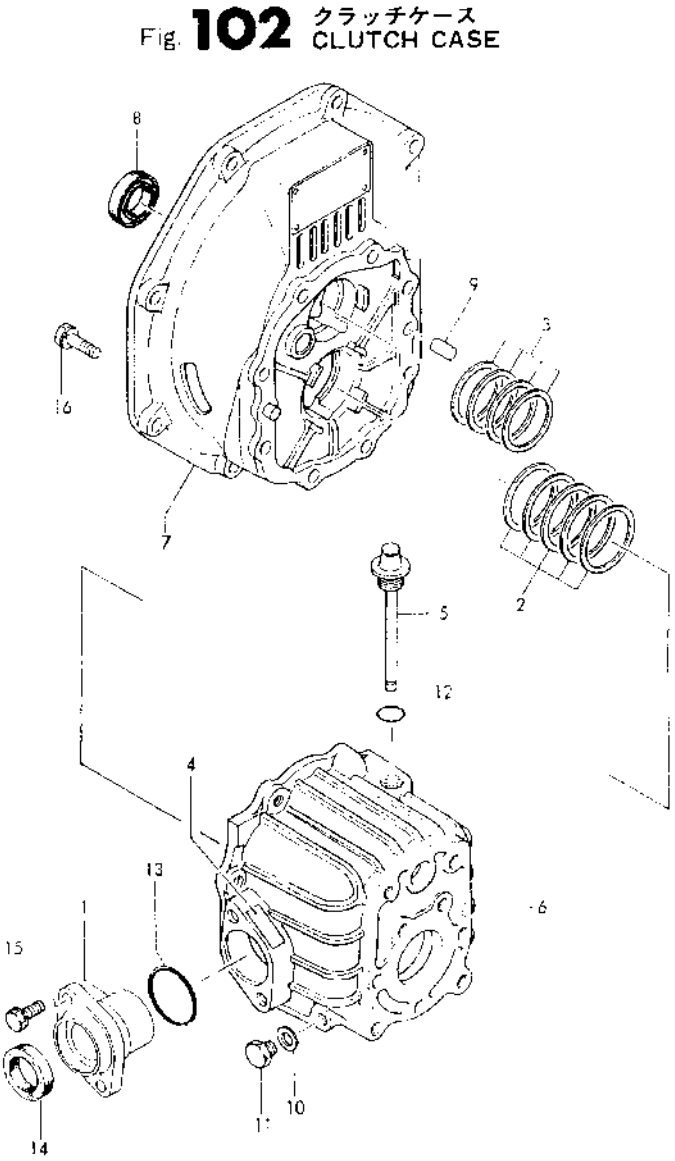


No.	Lev.	Parts No.	Description	(A)=KM3P		(D)=		(E)=		I	R
				(B)=	(C)=	(C)	(D)	(E)	(F)=		
1	1	177088-09010	TOOL ASSY, REMOVER			1					
2	2	177088-09020	TOOL			1					
3	2	177088-09030	TOOL			1					
4	2	177088-09040	SUPPORT			1					
5	2	177088-09050	RETAINER			1					
6	2	177088-09060	PIN			1					
7	2	177088-09070	SUPPORT			2					
8	2	177088-09080	BOLT ASSY			1					
9	3	177088-09090	BOLT			1					
10	3	26736-100002	NUT, M10			1					
11	2	22487-060240	PIN, H 6X 24			3					
12	2	22414-160120	PIN, COTTER 1.6X12			4					
13	2	26646-040352	WING BOLT			1					
14	1	177088-09150	TOOL, DRIVE			1					

Fig.102. CLUTCH HOUSING

(A)=KM3V
(B)=
(C)=

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



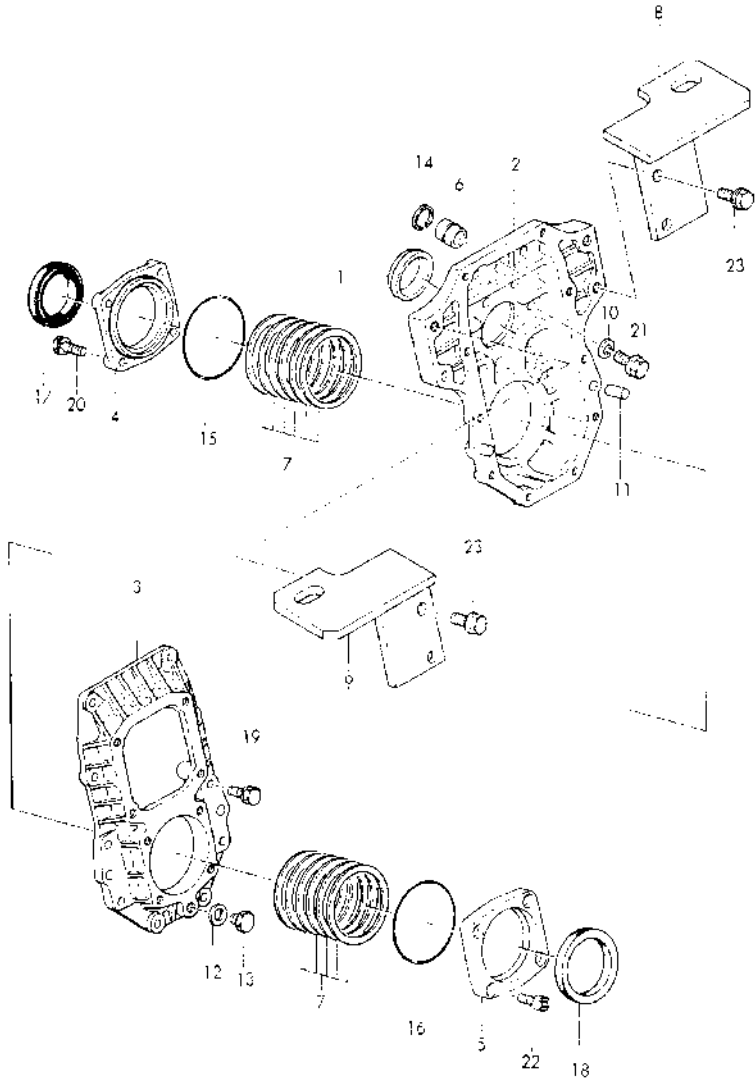
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177088-02120	COVER	1							
2	1	177088-02300	SHIM SET	1							
3	1	177088-02350	SHIM SET	1							
4	1	177088-02430	LABEL	1							
5	1	177088-02451	DIPSTICK	1							
6	1	177070-02511	HOUSING, CLUTCH	1							
7	1	177070-02520	FLANGE	1							
8	1	177088-02950	SEAL SC25 40 8, OIL	1							
9	1	22312-100160	PIN, PARALLEL M10X16	2							
10	1	23414-100000	GASKET, 10X1.0	1							
11	1	23887-100002	PLUG, 10	1							
12	1	24311-000180	O-RING, 1AP18.0	1							
13	1	24321-000400	O-RING, 1AG40.0	1							
14	1	24421-284008	SEAL, OIL TC284008	1							
15	1	26013-080252	BOLT, M8X 25	2							
16	1	26016-080252	BOLT, M8X 25	8							

Fig.103. V-DRIVE HOUSING

(A)=KM3V
(B)=
(C)=

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

Fig.103 Vドライブケース
V-DRIVE HOUSING



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177070-02680	BUSH	1							
2	1	177070-02801	HOUSING, DRIVE	1							
3	1	177070-02811	HOUSING, DRIVE	1							
4	1	177070-02820	COVER	1							
5	1	177070-02830	COVER	1							
6	1	177070-02840	PIN, PARALLEL	1							
7	1	177070-02850	SHIM SET	2							
8	1	177070-02900	BRACKET	1							
9	1	177070-02910	BRACKET	1							
10	1	22287-100000	WASHER, 10	8							
11	1	22312-100160	PIN, PARALLEL M10X16	2							
12	1	23414-100000	GASKET, 10X1.0	1							
13	1	23887-100002	PLUG, 10	1							
14	1	24164-000202	CIRCLIP, 20	1							
15	1	24341-000750	O-RING, 1AS75.0	1							
16	1	24341-000750	O-RING, 1AS75.0	1							
17	1	24421-456209	SEAL, OIL TC456209	1							
18	1	24421-557209	SEAL, OIL TC557209	1							
19	1	26016-080252	BOLT, M8X 25	10							
20	1	26016-080252	BOLT, M8X 25	4							
21	1	26106-100252	BOLT, M10X 25 PLATED	8							
22	1	26450-080202	BOLT, M8X 20	4							
23	1	26106-100252	BOLT, M10X 25 PLATED	4							

Fig.104. INPUT SHAFT

(A)=KM3V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177070-03011	SHAFT, INPUT I=2.61	1							
2	1	177070-03021	SHAFT, INPUT I=3.20	1							
3	1	177070-03031	SHAFT, INPUT I=2.36	1							
4	1	177088-03400	ROLLER BERING	2							
5	1	177070-03500	DISK, DAMPER	1							

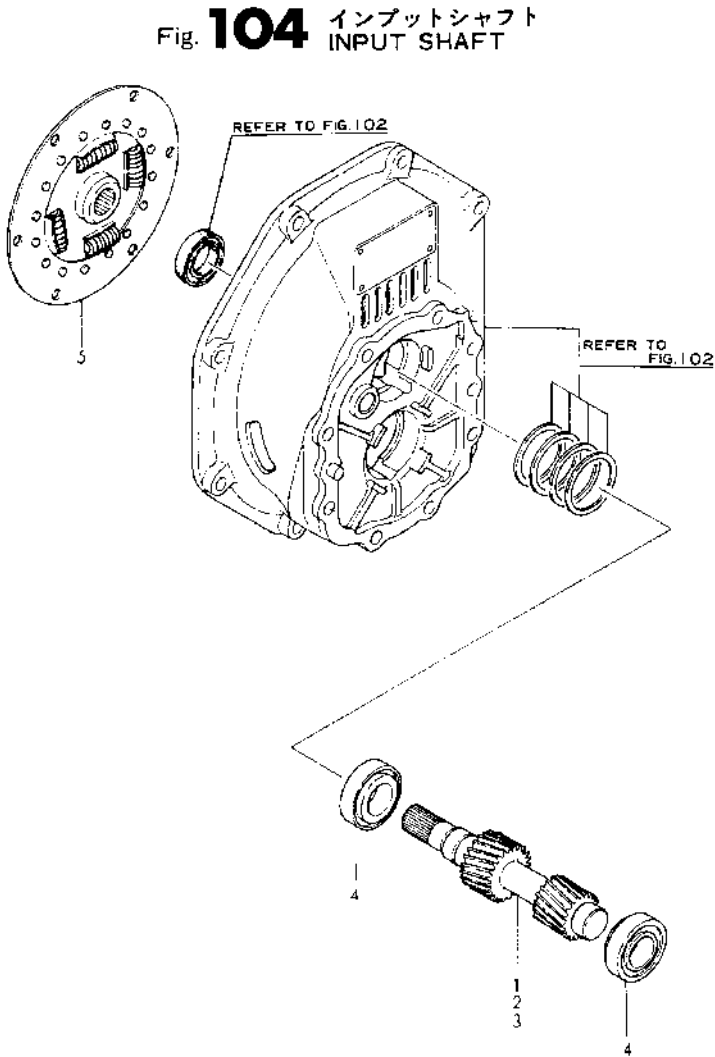
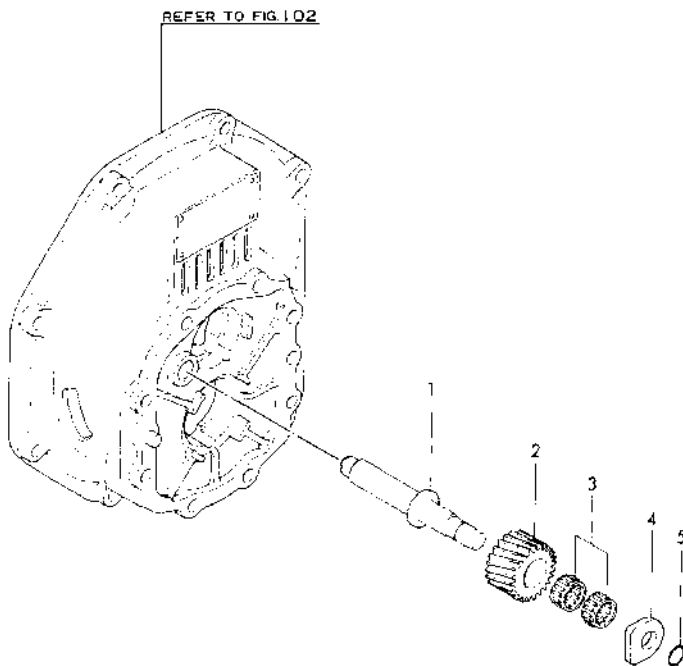


Fig.105. SUPPORT SHAFT

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

Fig. 105 サポートシャフト
SUPPORT SHAFT



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177070-03302	SHAFT, IDLE	1							
2	1	177088-03311	GEAR, IDLE Z=26	1							
3	1	177088-03331	NEEDLE BERG.#K162213	2							
4	1	177088-03341	WASHER, THRUST	1							
5	1	24341-000120	O-RING, 1AS12.0	1							

Fig.106. OUTPUT SHAFT

(A)=KM3V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177070-03041	SHAFT, OUTPUT	1							
2	1	177070-03071	CONE, DRIVE	1							
3	1	177070-03112	GEAR, Z=60	1							
4	1	177070-03112	GEAR, Z=60	1							
5	1	177070-03122	GEAR, FORWARD Z=64	1							
6	1	177070-03131	GEAR, FORWARD Z=59	1							
7	1	177070-03190	RACE, BEARING	2							
8	1	177070-03200	NEEDLE BEARING	2							
9	1	177070-03231	COLLAR, THRUST	2							
10	1	177070-03250	COLLAR, THRUST	2							
11	1	177088-03272	NUT	2							
12	1	177088-03280	COLLAR, 32D-45T	1							
13	1	177088-03290	PIN	1							
14	1	177073-03340	RETAINER, SPRING	2							
15	1	177088-03540	SPRING	2							
16	1	177070-03600	GEAR, Z=46	1							
17	1	24141-302050	BEARING, 30205	2							

Fig. 106 アウトプットシャフト
OUTPUT SHAFT

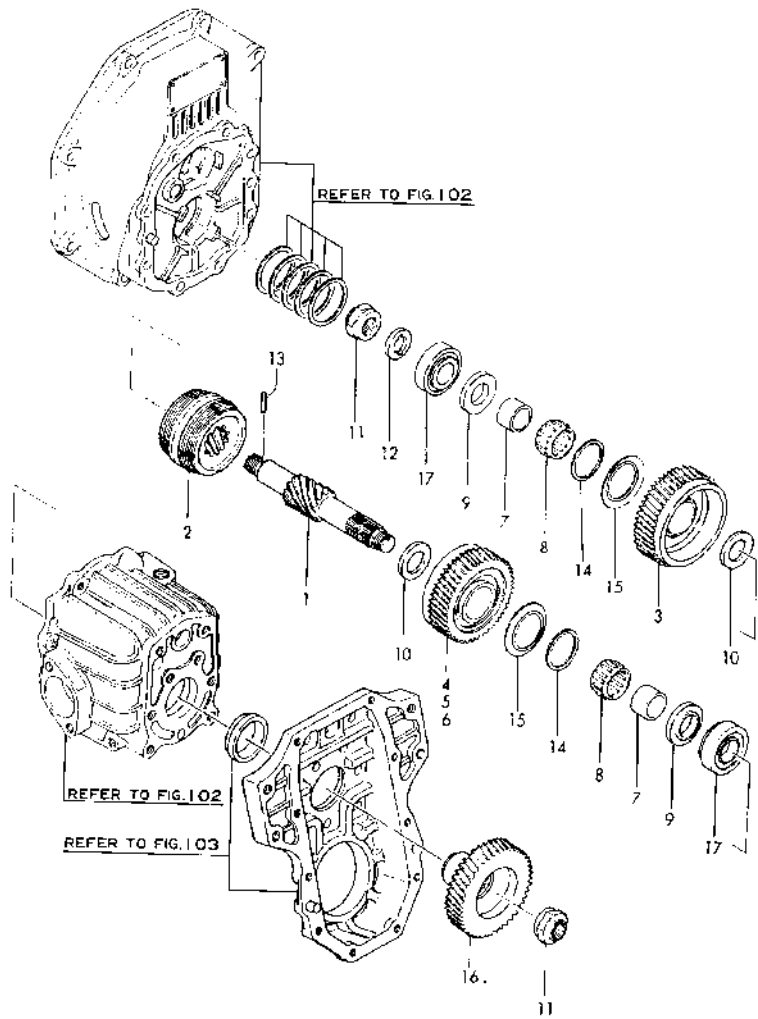
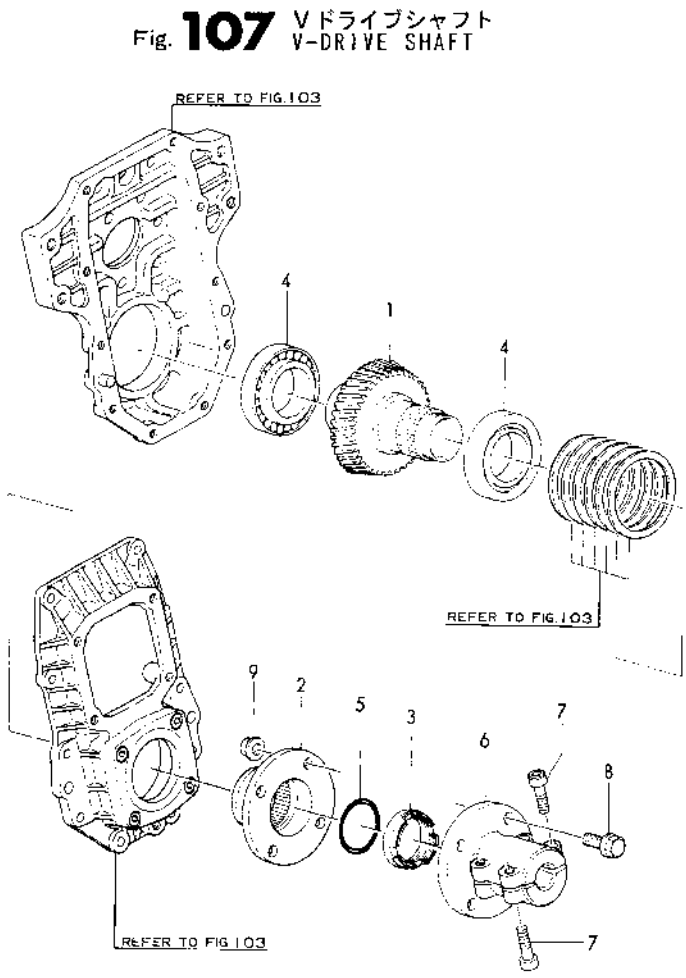


Fig.107. V-DRIVE SHAFT

(A)=KM3V
(B)=
(C)=

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



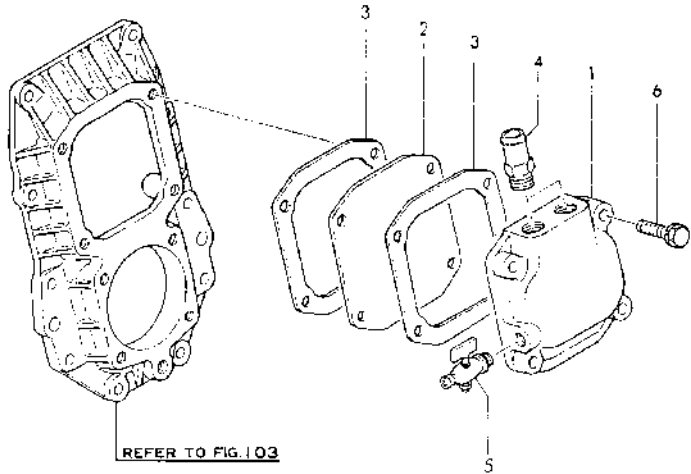
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177070-03610	SHAFT, DRIVE	1							
2	1	177070-03620	COUPLING	1							
3	1	177070-03630	NUT, LOCK	1							
4	1	24141-320090	BEARING, 32009	2							
5	1	24321-000400	O-RING, 1AG40.0	1							
6	1	104214-83980	COUPLING	1							1
7	1	26206-100302	BOLT, M10X 30 PLATED	4							1
8	1	26450-080302	BOLT, M8X 30	4							1
9	1	26706-100002	NUT, M10	4							1

Remarks
1) OPTIONAL

(A)=KM3V
(B)=
(C)=

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

Fig. 108 潤滑油クーラ
LUB.OIL COOLER



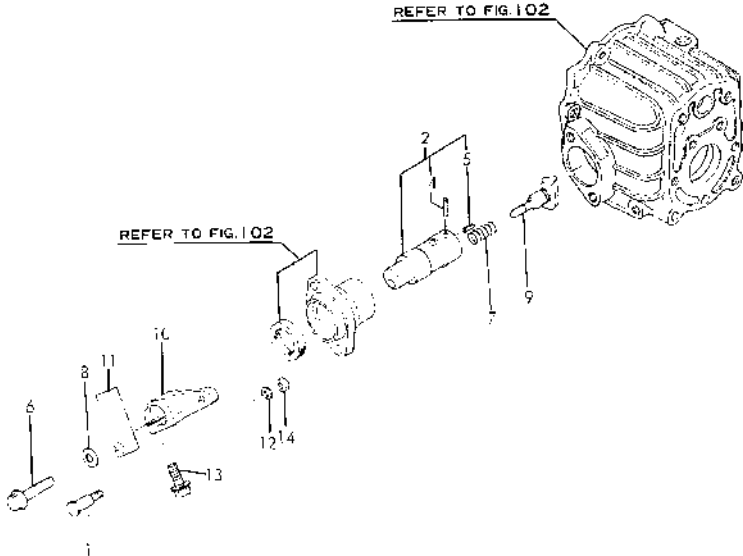
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177070-04250	BODY, COOLER	1							
2	1	177070-04260	PLETE, COOLER	1							
3	1	177070-04270	GASKET	2							
4	1	177070-04280	JOINT	2							
5	1	128695-44090	COCK	1							
6	1	26016-080352	BOLT, M8X 35	4							

Fig.109. REMOTE CONTROL DEVICE

(A)=KM3V
(B)=
(C)=

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

Fig.109 操縱装置
REMOTE CONTOROL DEVICE

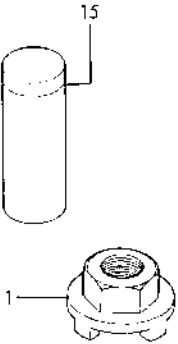
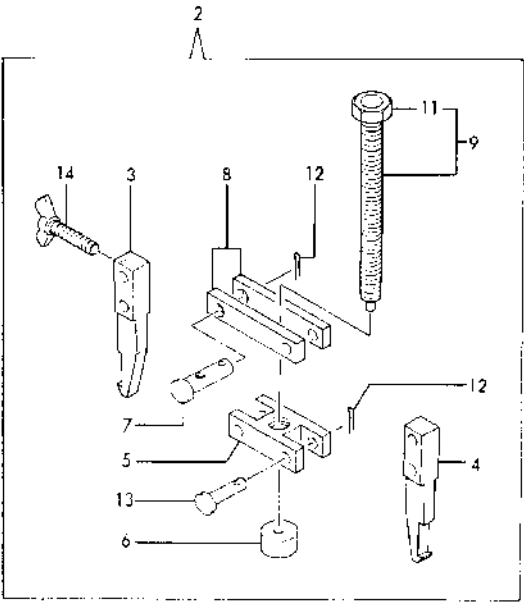


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177088-06101	CONNECTOR	1							
2	1	177088-06340	SHAFT ASSY	1							
4	2	196322-06610	PIN, PARALLEL 5X18	1							
5	2	22351-020012	PIN, SPRING 2.0X12	1							
6	1	177088-06360	BOLT	1							
7	1	177088-06370	SPRING	1							
8	1	177088-06380	SHIM SET	1							
9	1	177088-06390	SHIFTER	1							
10	1	177088-06400	LEVER	1							
11	1	177088-06410	JOINT, 10-32UNF	1							
12	1	22137-060000	WASHER, 6	1							
13	1	26106-080252	BOLT, M8X 25 PLATED	1							
14	1	26716-060002	NUT, M6	1							

(A)=KM3V
(B)=
(C)=

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

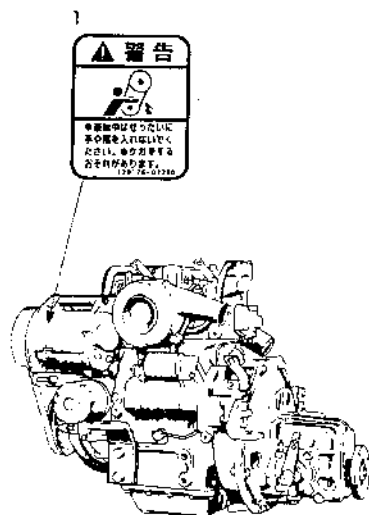
Fig. 110 工具(オプション)
TOOL (OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177070-09010	TOOL, NUT	1							
2	1	177088-09010	TOOL ASSY, REMOVER	1							
3	2	177088-09020	TOOL	1							
4	2	177088-09030	TOOL	1							
5	2	177088-09040	SUPPORT	1							
6	2	177088-09050	RETAINER	1							
7	2	177088-09060	PIN	1							
8	2	177088-09070	SUPPORT	1							
9	2	177088-09080	BOLT ASSY	1							
11	3	26736-100002	NUT, M10	1							
12	2	22417-160120	PIN, COTTER 1.6X12	4							
13	2	22487-060240	PIN, H 6X 24	3							
14	2	26646-040352	WING BOLT	1							
15	1	177088-09150	TOOL, DRIVE	1							

Fig.111. SAFETY LABEL

Fig.111 安全銘板
SAFETY LABEL



1	部品番号	128176 07250
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安全銘板の貼付け位置は、取扱説明書をご参照下さい。

今回この項目を追加しました。
THIS FIGURE IS NEWLY ADDED.

(A)=3GM30
(B)=3GM30VE
(C)=3GM30B

(D)=3GM30C
(E)=3GM30F
(F)=3GM30FVE

[illegible]

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101104-92180	88	4
101147-11900	16	60
	17	54
101147-59810	51	7
101158-11190	16	9
	17	9
101158-11230	16	45
		51
	17	39
		45
101200-92140	88	3
101720-55750	46	7
102210-07990	10	3
103288-39170	31	6
	51	4
103338-11430	16	56
	17	50
103854-51251	43	23
103854-51660	43	31
103854-53180	45	11
103854-59191	49	11
	50	11
103854-59201	49	12
	50	12
104200-11180	16	18
	17	18
104200-11920	20	8
104200-14200	22	6
	23	6
104200-61200	52	4
104200-92350	69	7
104211-03770	56	3
104211-11370	16	11
	17	11
104211-42050	32	3
104211-42070	32	5
	89	12
104211-42080	32	6
104211-42090	32	7
	91	16
104211-42100	32	8
104211-42110	32	9
104211-42120	32	10
104211-42130	32	11
	52	1
104211-49080	37	2
104211-49160	40	7
	91	19
104211-53120	45	8
104214-13580	72	5

Parts No.	Fig. No.	Ref. No.
104214-13580	73	5
104214-83980	82	1
	107	6
104264-59020	49	20
		21
	50	19
		20
104264-59030	44	3
104271-67550	78	1
104271-91351	84	16
104271-91352	85	12
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121450-01951	3	22
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121450-01960	1	12
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121450-01980	1	13
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121450-01990	1	11 -1
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121450-02071	8	13
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121450-02100	1	14
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124070-13520	72	1
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124085-01900	1	9
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124085-35300	30	1
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124790-44470	35	20
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124950-11340	16	10
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127610-42130	20	6
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128170-66890	55	12
128170-76790	58	1
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128170-91310	84	15
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128270-01450	1	22
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128270-66010	53	1
128270-66550	55	1
128270-77921	63	1
128270-91001	68	1
128270-91010	68	2
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128271-77330	60	2
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128370-13201	21	1 -3
	72	14 -1
	73	11 -1
	90	3 -1
128370-13220	72	13
128370-13230	21	1 -1
	72	11
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128370-13231	21	1 -2
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128370-13530	21	2
128370-13550	21	2 -1
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128370-14010	22	1
	23	1
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128370-34800	28	1
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128370-49250	72	6
128370-59010	49	2
128370-59081	49	5
	50	5
128370-59500	51	1
128370-59810	47	1
128370-59820	47	2
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128371-01601	7	1
128371-01800	1	20
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128374-81110	64	1 -1
128374-81120	64	2 -1
128374-81130	64	3 -1
128374-81310	64	8
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128390-44010	35	2
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128391-91130	85	1
128391-91200	85	2
128391-91260	85	5 -1
128391-91440	85	23
128391-91640	85	22
128391-91700	85	7
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128695-49520	39	5
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129100-01580	1	10 -1
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129170-91650	85	8
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177070-02680	103	1
177070-02801	103	2
177070-02811	103	3
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177070-03040	94	1
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177070-03610	107	1
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177088-02120	97	2
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177088-02430	10	1
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177088-02450	92	10
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177088-03341	93	8
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177088-03400	93	1
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177088-03540	99	17
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177088-06340	109	2
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177088-06360	100	9
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177088-06390	100	4
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