

OCF10-M50502EN

P R E F A C E

1. This parts catalog has been issued Model 2GM20(-B,C,F) parts catalog (Pub. No. 000Y00R3751) .

Parts catalog No.: 000Y00F50552
Date of issue : Mar. , 1995

2. This Parts Catalog Covers all parts of engines massproduced since May, 1984 .

3. Specification and Model Code.

Model	Specification	Cooling System	Model Code
2GM20	Marine main engine (for export)	Ser water cooling	128271(S,N,G)
2GM20-B	Marine main engine (domestic use)		128271(A,B,C)
2GM20C	For sail drive		128271 E
2GM20F	Marine main engine (for export)	Fresh water cooling	128291(S,N,G)

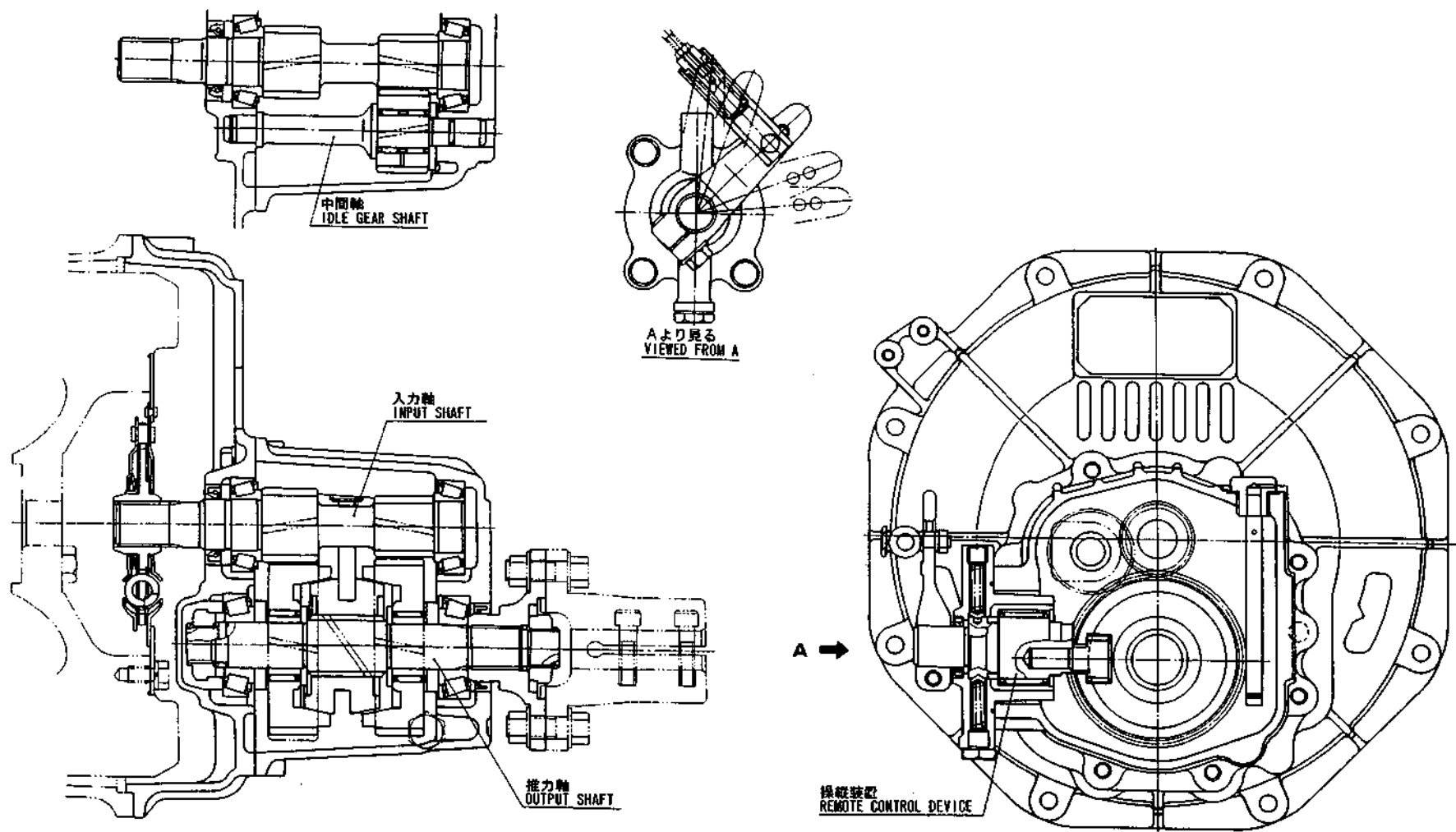
4. Parts of Sail Drive are not listed in this Psrts Catalog. For these Parts, please refer to separate-volume "SD20/SD30 Sail Drive Parts Catalog" (Pub.No.000YE0F1291)

5. Engine Painting Color.....Urethane Metallic Echol Silver

Replacement parts painted in Metallic Echol Silver are supplied.

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

KM2-C 断面図
KM2-C SECTIONAL VIEW



中筒軸
IDLE GEAR SHAFT

入力軸
INPUT SHAFT

出力軸
OUTPUT SHAFT

Aより見る
VIEWED FROM A

操縦装置
REMOTE CONTROL DEVICE

Aより見る
VIEWED FROM A

中間軸
IDLE GEAR SHAFT

入力軸
INPUT SHAFT

推力軸
OUTPUT SHAFT

操縱裝置
REMOTE CONTROL DEVICE

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2.	CYLINDER BLOCK
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4.	GEAR HOUSING
5.	LUB. OIL SUMP
6.	FLYWHEEL HOUSING
7.	FLYWHEEL HOUSING
8.	MAIN BEARING HOUSING
9.	BREATHER
10.	LABEL
11.	ENGINE LIFTER
12.	ENGINE LIFTER
13.	ENGINE BRACKET
14.	ENGINE BRACKET
15.	FLEXIBLE MOUNT
16.	ANTI-CORROSIVE ZINC
17.	CYLINDER HEAD
18.	CYLINDER HEAD
19.	BONNET
20.	AIR INTAKE SILENCER
21.	MIXING ELBOW
22.	MIXING ELBOW
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24.	CAMSHAFT

Fig. No.	Fig. Name
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31.	LUB. OIL PRESS. REGULATING VALVE
32.	LUB. OIL LINE
33.	COOLING SEA WATER PUMP
34.	COOLING SEA WATER PUMP
35.	COOLING FRESH WATER PUMP
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42.	THERMOSTAT
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- 93. REPAIR PART(OPTIONAL)
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KM2C

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- 96. INPUT SHAFT & SUPPORT SHAFT
- 97. OUTPUT SHAFT

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Fig. No.	Fig. Name
98.	REMOTE CONTROL DEVICE

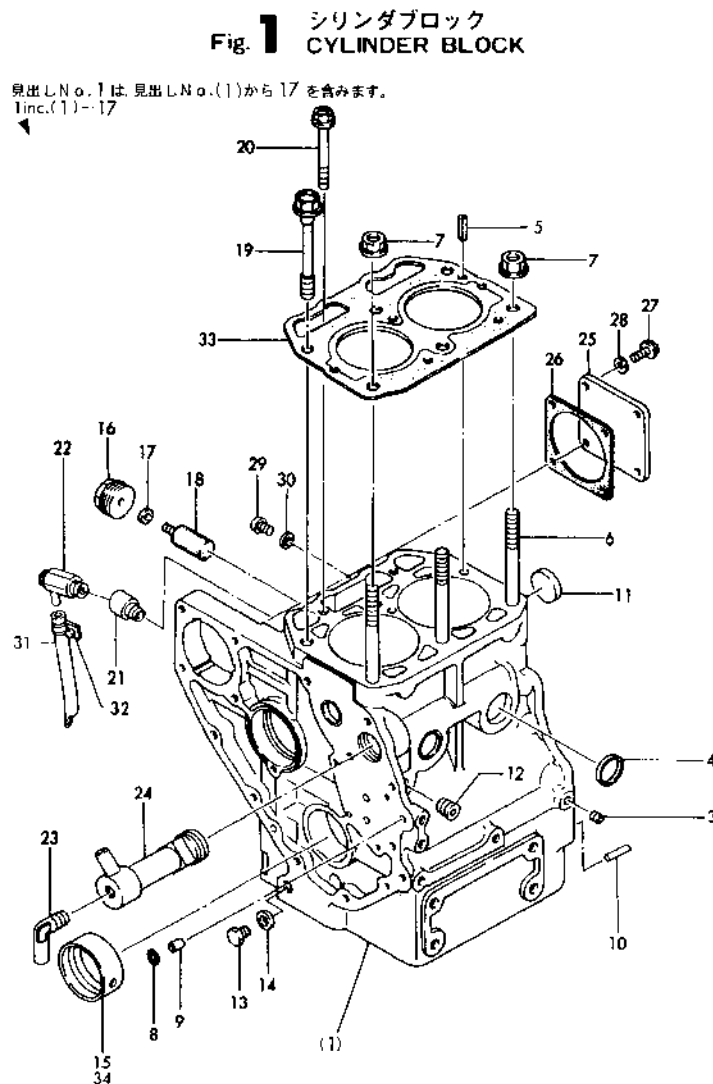
Fig. No.	Fig. Name
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KM2P

99.	TOOL(OPTIONAL)
100.	CLUTCH HOUSING
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KM3V

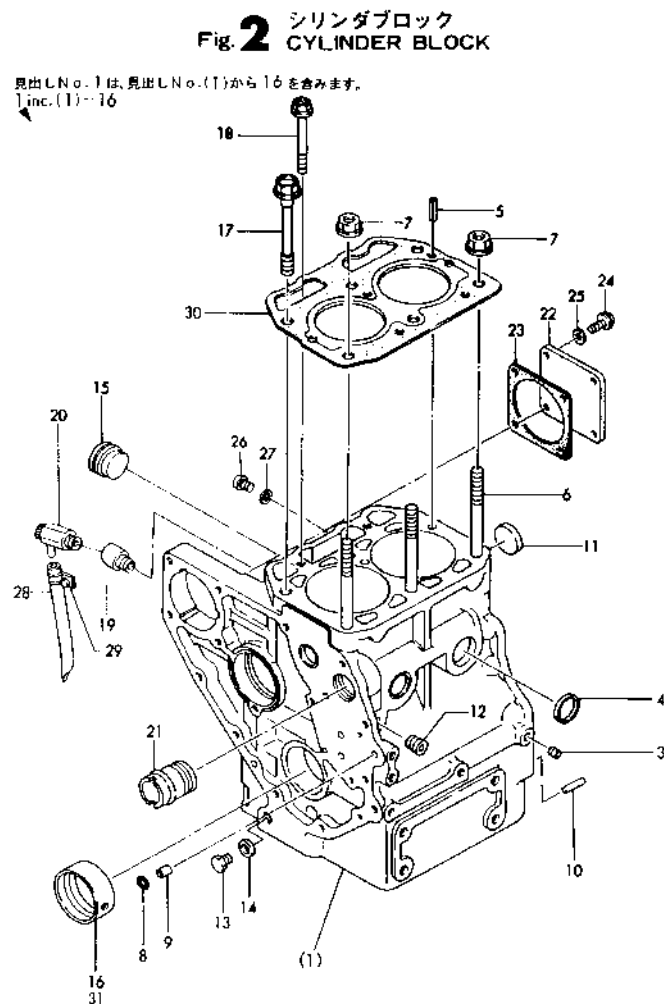
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728271-01560	BLOCK ASSY, CYLINDER	1	1	1	1				
3	2	124060-01050	PLUG, PT1/8	6	6	6	6				
4	2	105311-01090	PLUG, 30	4	4	4	4				
5	2	22351-060012	PIN, SPRING 6.0X12	2		2	2				Z
	(A=EXXX)		(C=EXXX)	(D=EXXX)							
6	2	121450-01210	BOLT, HEAD	3	3	3	3				
7	2	121450-01220	NUT, CYLINDER HEAD	3	3	3	3				
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				
11	2	27243-300000	PLUG, 30	1		1	1				
11-1	2	121450-01990	PLUG, 30	1		1	1				N
	(A=EXXX)		(C=EXXX)	(D=EXXX)							
12	2	23873-020000	PLUG, R02	1	1	1	1				
13	2	121450-01960	PLUG, PF1/4	1	1	1	1				
14	2	121450-01980	GASKET	1	1	1	1				
15	2	121450-02100	BEARING, MAIN	1	1	1	1				
16	2	128270-09300	PLUG, NPTF1	1	1	1	1				
17	2	123210-09310	GASKET	1	1	1	1				
18	2	27210-200300	ZINC, SCREW20X30	1	1	1	1				
19	1	121450-01203	BOLT, HEAD	3	3	3	3				
20	1	129350-01230	BOLT, HEAD	2	2	2	2				
21	1	128270-01890	SPACER	1	1	1	1				
22	1	120130-49350	COCK, 1/4	1	1	1	1				
23	1	105583-49910	ELBOW, PT1/4	1	1	1	1				
24	1	128270-01450	JOINT	1	1	1	1				
25	1	124240-01871	COVER	1	1	1	1				
26	1	124950-26021	GASKET	1		1	1				
26-1	1	124240-01882	GASKET	1		1	1				N
	(A=EXXX)		(C=EXXX)	(D=EXXX)							
26-2	1	124240-01883	GASKET	1		1	1				N
	(A=E16293)		(C=E01046)	(D=E01482)							
26-3	1	129C26-01890	GASKET, HO-P	1		1	1				R
	(A=EXXXXX)		(C=EXXXXX)	(D=EXXXXX)							
27	1	26106-080142	BOLT, M8X 14 PLATED	4	4	4	4				
28	1	23414-080000	GASKET, 8X1.0	4		4	4				
28-1	1	23414-080000	GASKET, 8X1.0	1	1	1	1				K
	(A=E01531)		(C=E00141)	(D=E00245)							
29	1	124060-32990	PLUG	1		1	1				Z
	(A=EXXX)		(C=EXXX)	(D=EXXX)							
30	1	23414-080000	GASKET, 8X1.0	1		1	1				Z
	(A=EXXX)		(C=EXXX)	(D=EXXX)							
31	1	23061-070200	PIPE, 7X 200	1	1	1	1				
32	1	124460-77680	RETAINER	1	1	1	1				
33	1	128271-01330	GASKET, HEAD	1		1	1				
33-1	1	128271-01911	GASKET, HEAD	1		1	1				N
	(A=E08117)		(C=E00494)	(D=E00725)							
34	1	121450-02310	BEARING, 0.25 US	1	1	1	1				1

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728271-01560	BLOCK ASSY, CYLINDER					1	1		1
3	2	124060-01050	PLUG, PT1/8					6	6		
4	2	105311-01090	PLUG, 30					4	4		
5	2	22351-060012	PIN, SPRING 6.0X12					2			Z
					(E=EXXX)						
6	2	121450-01210	BOLT, HEAD					3	3		
7	2	121450-01220	NUT, CYLINDER HEAD					3	3		
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		
11	2	27243-300000	PLUG, 30					1			
11-1	2	121450-01990	PLUG, 30					1			N
					(E=EXXX)						
12	2	23873-020000	PLUG, R02					1	1		
13	2	121450-01960	PLUG, PF1/4					1	1		
14	2	121450-01980	GASKET					1	1		
15	2	171051-01921	PLUG, NPTF1					1	1		
16	2	121450-02100	BEARING, MAIN					1	1		
17	1	121450-01203	BOLT, HEAD					3	3		
18	1	129350-01230	BOLT, HEAD					2	2		
19	1	128270-01890	SPACER					1	1		
20	1	120130-49350	COCK, 1/4					1	1		
21	1	124160-49480	JOINT, PIPE					1	1		
22	1	124240-01871	COVER					1	1		
23	1	124240-01882	GASKET					1			
23-1	1	124240-01883	GASKET					1			N
					(E=E16283)						
23-2	1	129C26-01890	GASKET, HO-P					1			R
					(E=EXXXXX)						
24	1	26106-080142	BOLT, M8X 14 PLATED					4	4		
25	1	23414-080000	GASKET, 8X1.0					4			
25-1	1	23414-080000	GASKET, 8X1.0					1	1		K
					(E=E01250)						
26	1	124060-32990	PLUG					1			Z
					(E=EXXX)						
27	1	23414-080000	GASKET, 8X1.0					1			Z
					(E=EXXX)						
28	1	23061-070200	PIPE, 7X 200					1	1		
29	1	124460-77680	RETAINER					1	1		
30	1	128271-01330	GASKET, HEAD					1			
30-1	1	128271-01911	GASKET, HEAD					1			N
					(E=E07898)						
31	1	121450-02310	BEARING, 0.25 US					1	1		2

1) Cylinder block assy of model 2GM20F is supplied as model 2gm20. Although component parts are partly different but interchangeable.

2) Under sized part(0.25).

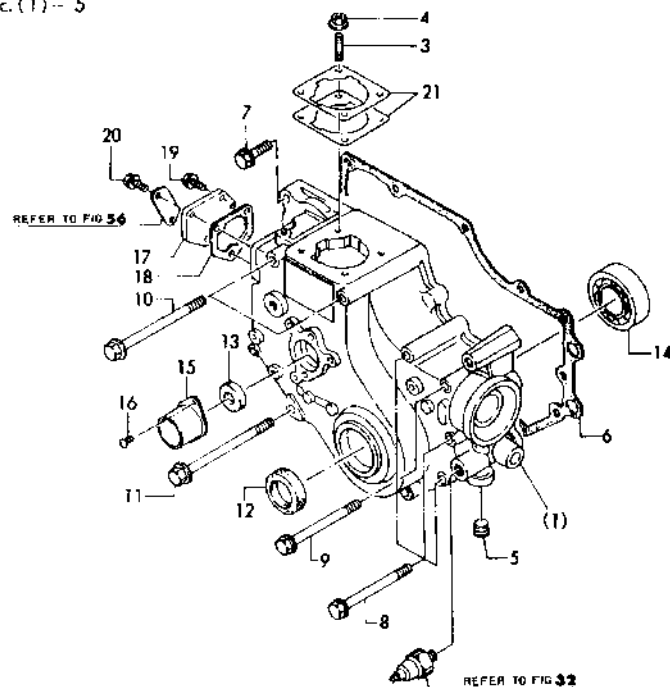
Fig.3. GEAR HOUSING

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

Fig. 3 ギヤケース
GEAR HOUSING

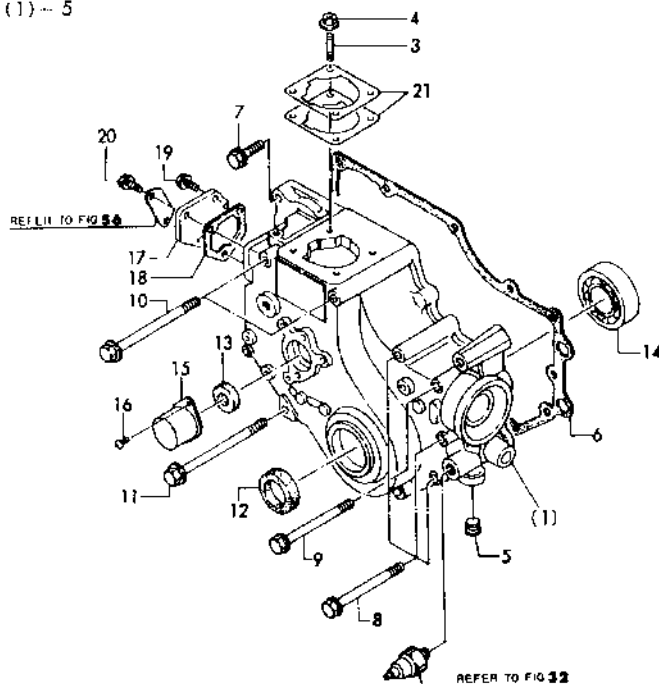
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728270-01610	CASE ASSY, GEAR	1	1		1				
3	2	121450-01560	STUD, M8X22	4			4				
3-1	2	26216-080222	STUD, M8X 22	4			4				N
(A=E0000)			(D=E0000)								
4	2	26366-080002	NUT, M8	4	4		4				
5	2	124060-01050	PLUG, PT1/8	1	1		1				
6	1	121575-01510	GASKET, GEAR CASE	1			1				
6-1	1	121575-01511	GASKET, GEAR CASE	1			1				N
(A=E17944)			(D=E01641)								
7	1	26106-080302	BOLT, M8X 30 PLATED	2	2		2				
8	1	26106-080852	BOLT, M8X 85 PLATED	5	5		5				
9	1	26106-080902	BOLT, M8X 90 PLATED	1	1		1				
10	1	26106-081152	BOLT, M8X115 PLATED	2	2		2				
11	1	26106-081152	BOLT, M8X115 PLATED	2	2		2				
12	1	121450-01800	SEAL, OIL	1			1				
12-2	1	121450-01801	SEAL, TC25408	1			1				N
(A=E17927)			(D=E01626)								
13	1	128270-01820	SEAL, SC16286	1	1		1				
14	1	24101-063050	BEARING, BALL 6305C3	1	1		1				
15	1	128170-01830	COVER	1	1		1				
16	1	26557-060102	SCREW, M6X10	2	2		2				
17	1	121000-01850	COVER, BLOCK	1	1		1				
18	1	121575-01860	GASKET	1			1				
18-1	1	121575-01861	GASKET	1			1				N
(A=E17944)			(D=E01641)								
19	1	26106-060122	BOLT, M6X 12 PLATED	1	1		1				
20	1	26106-060142	BOLT, M6X 14 PLATED	2	2		2				
21	1	124950-01951	SHIM SET, ADJUSTING	1	1		1				

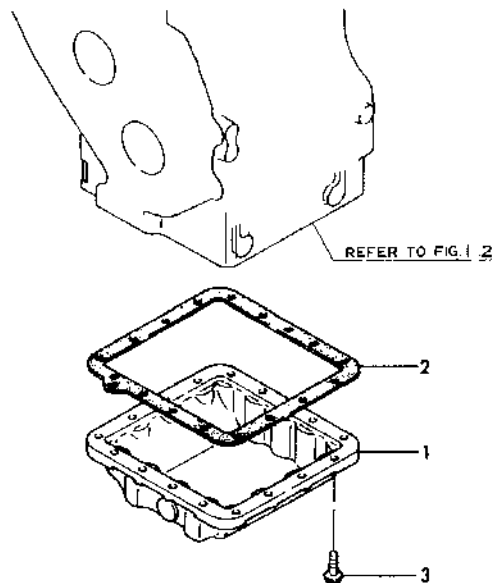
Fig. 4 ギヤケース
GEAR HOUSING

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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728270-01610	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	124060-01050	PLUG, PT1/8			1		1	1		
6	1	121575-01510	GASKET, GEAR CASE			1		1			
6-1	1	121575-01511	GASKET, GEAR CASE			1		1		N	
			(C=E01277)		(E=E17941)						
7	1	26106-080302	BOLT, M8X 30 PLATED			2		2	2		
8	1	26106-080852	BOLT, M8X 85 PLATED			5		5	5		
9	1	26106-080902	BOLT, M8X 90 PLATED			1		1	1		
10	1	26106-081152	BOLT, M8X115 PLATED			2		2	2		
11	1	26106-081152	BOLT, M8X115 PLATED			2		2	2		
12	1	121450-01800	SEAL, OIL					1			
12-1	1	121450-01800	SEAL, OIL			1		1		N	
			(C=E01263)		(E=EXXX)						
12-2	1	121450-01801	SEAL, TC25408			1		1		N	
			(C=E01277)		(E=E17887)						
13	1	128270-01820	SEAL, SC16286			1		1	1		
14	1	24101-063050	BEARING, BALL 6305C3			1		1	1		
15	1	128670-01830	COVER			1		1	1		
16	1	26557-060102	SCREW, M6X10			2		2	2		
17	1	121000-01850	COVER, BLOCK			1		1	1		
18	1	121575-01860	GASKET			1		1			
18-1	1	121575-01861	GASKET			1		1		N	
			(C=E01277)		(E=E17941)						
19	1	26106-060122	BOLT, M6X 12 PLATED			1		1	1		
20	1	26106-060142	BOLT, M6X 14 PLATED			2		2	2		
21	1	124950-01951	SHIM SET, ADJUSTING			1		1	1		

Fig. 5 オイルパン
LUB. OIL SUMP



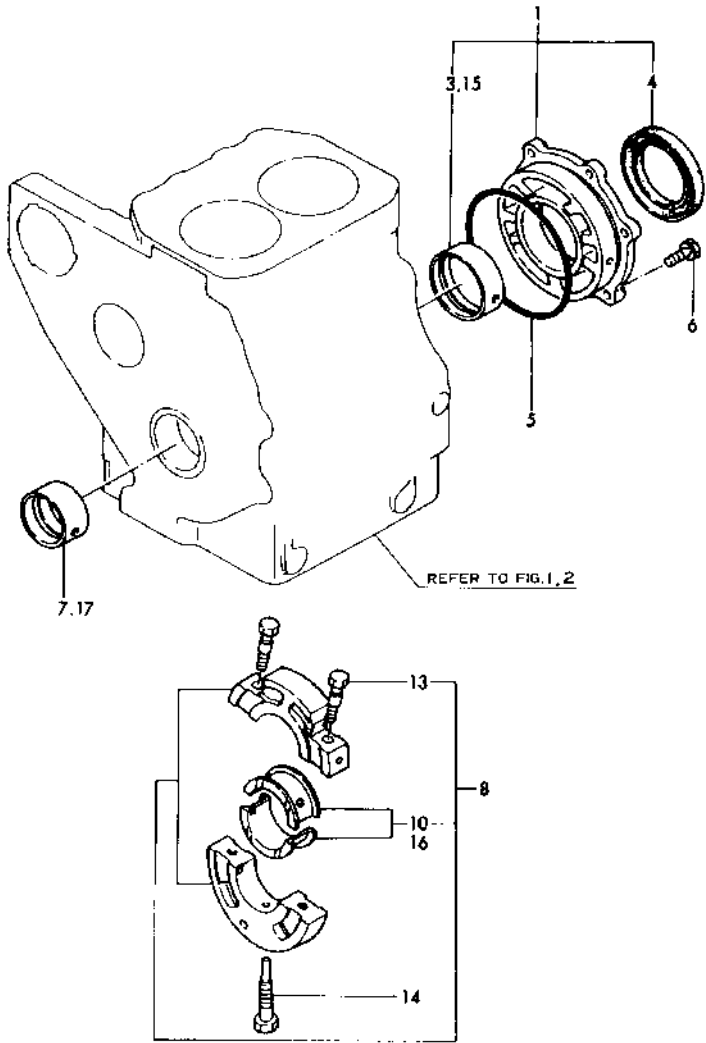
No.	Lev.	Parts No.	Description	(A)=2GM20 (B)=2GM20VE (C)=2GM20B		(D)=2GM20C (E)=2GM20F (F)=2GM20FVE				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-01720	SUMP, OIL	1	1	1	1	1	1		
2	1	124000-01750	GASKET, OIL SUMP	1		1	1	1			
2-1	1	124000-01751	GASKET, OIL SUMP	1		1	1	1			N
3	(A=E17944)	26106-060162	(C=E01277) BOLT, M6X 16 PLATED	(D=E01641)	(E=E17941)	17	17	17	17		
3-1	1	26014-060202	BOLT, M6X 20			17	17	17	17		N
		(A=EXXX)	(C=EXXX)	(D=EXXX)	(E=EXXX)						

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			
2	1	26106-100252	BOLT, M10X 25 PLATED	6	6	6		6			
3	1	23887-180002	PLUG, 18	1	1	1		1			

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(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				

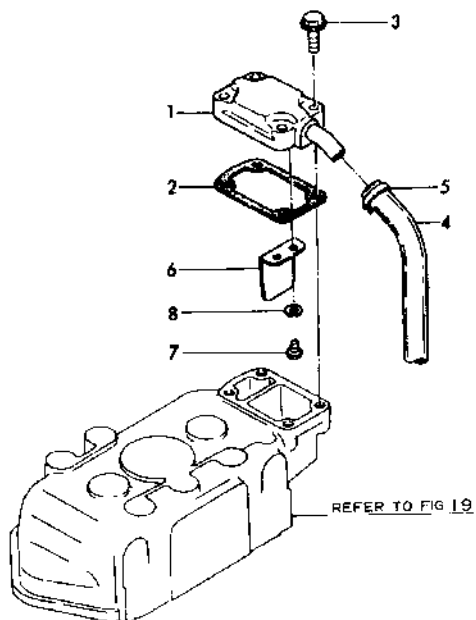
Fig.8. MAIN BEARING HOUSING

Fig.8 メインメタル
MAIN BEARING HOUSING



OCF10-M50502										Fig.8		
(A)=2GM20 (B)=2GM20VE (C)=2GM20B										(D)=2GM20C (E)=2GM20F (F)=2GM20FVE		
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	105225-02040	GASKET	1		1	1	1				
5-1	1	105225-02020	O-RING	1		1	1	1		N		
		(A=EXXX)	(C=EXXX)	(D=EXXX)	(E=EXXX)							
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	721450-02612	HOUSING ASSY, METAL	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	105225-02300	BOLT	1	1	1	1	1	1			
15	1	121450-02320	METAL ASSY, 0.25	1	1	1	1	1	1			
16	1	121450-02370	BEARING, 0.25 US	1	1	1	1	1	1			
17	1	121450-02310	BEARING, 0.25 US	1	1	1	1	1	1			

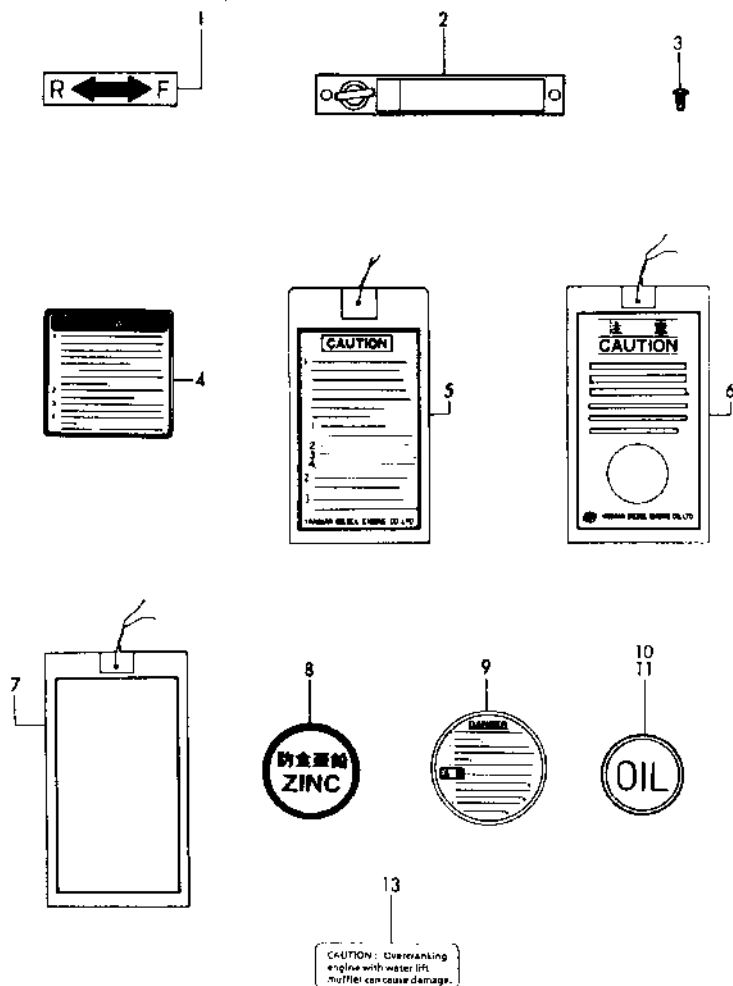
Fig. 9 ブリーザ
BREATHER



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	124000-03200	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

Fig. 10 銘板
LABEL

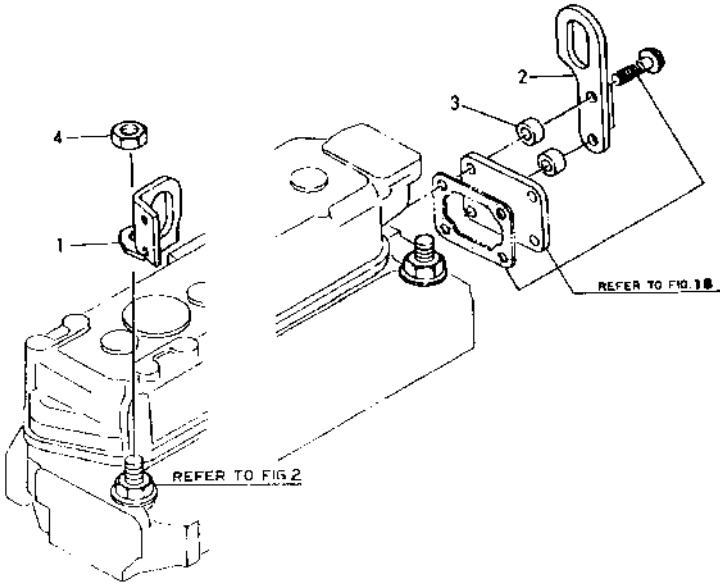


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177088-02430	LABEL	1	1	1		1	1		
2	1	105582-07061	LABEL			1					
3	1	102210-07990	RIVET			2					
4	1	127611-07350	LABEL					1			
4-1	1	129198-07350	LABEL					1		N	
				(E=E15069)							
5	1	126630-07370	LABEL					1	1		
6	1	123682-07850	LABEL, CAUTION					1	1		
7	1	128170-07850	LABEL, CAUTION	1	1		1				
8	1	124220-09340	LABEL	2	2	2	2				
9	1	120445-44620	LABEL, CAUTION					1	1		
10	1	42222-003550	LABEL	1		1		1		Z	
	(A=EXXX)		(C=EXXX)	(E=EXXX)							
11	1	42222-003550	LABEL			2				W	
			(C=EXXX)								
13	1	128171-07150	LABEL	1			1	1		W	
	(A=E21461)		(D=E02191)	(E=E21466)							

No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	121575-07230	LIFTER	1	1	1	1		
2	1	26776-120002	NUT, LOCK M12	1	1	1	1		

Fig.12. ENGINE LIFTER

Fig.12 吊り上げ金具
ENGINE LIFTER



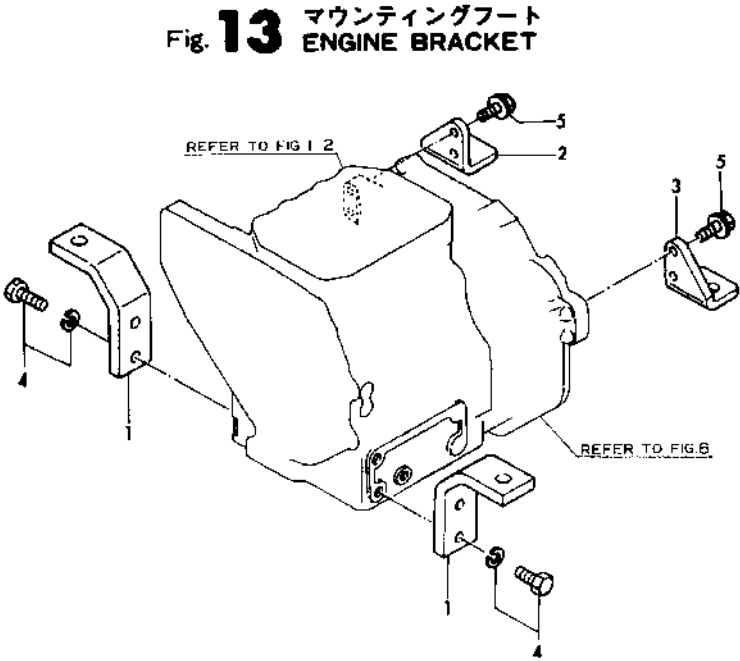
(A)=2GM20
(B)=2GM20VE
(C)=2GM20B
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(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	129305-07950	NUT, M12					1			
4-1	1	26776-120002	NUT, LOCK M12					1		N	
(E=EXXX)											

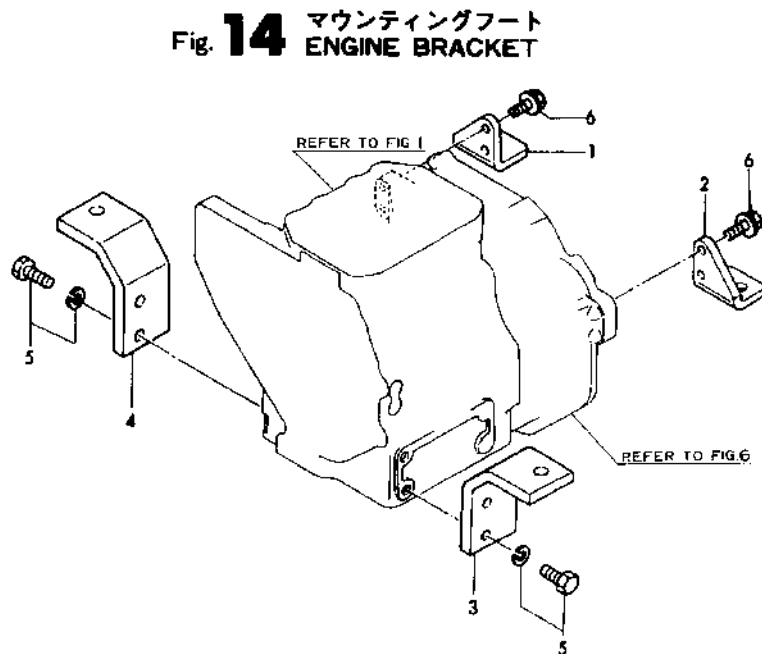
Fig.13. ENGINE BRACKET

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE



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	1	128170-08120	FOOT	1	1	1		1	1		
3	1	128170-08130	FOOT	1	1	1		1	1		
4	1	26013-120302	BOLT, M12X 30	4	4	4		4	4		
5	1	26103-100252	BOLT M10X25	4		4		4			
5-1	1	26106-100252	BOLT, M10X 25 PLATED	4		4		4		N	
(A=E XXX)				(C=E XXX)			(E=E XXX)				



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128170-08120	FOOT				1				
2	1	128170-08130	FOOT				1				
3	1	128271-08150	FOOT				1				
4	1	128271-08160	FOOT				1				
5	1	26013-120302	BOLT, M12X 30				4				
6	1	26106-100252	BOLT, M10X 25 PLATED				4				

Fig.15. FLEXIBLE MOUNT

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

Fig. 15 フレキシブルマウント
FLEXIBLE MOUNT

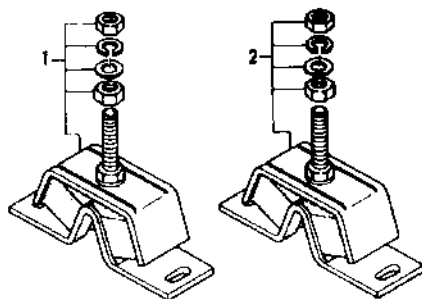
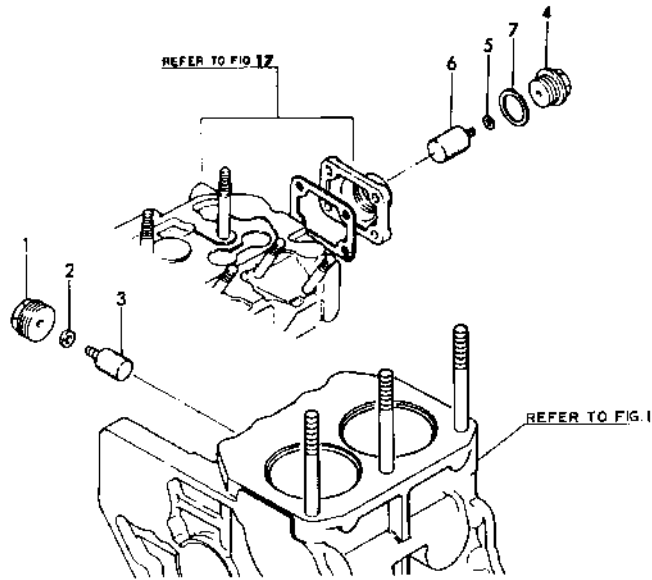
[illegible]

Fig.16. ANTI-CORROSIVE ZINC

Fig.16 防食亜鉛
ANTI-CORROSIVE ZINC



(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

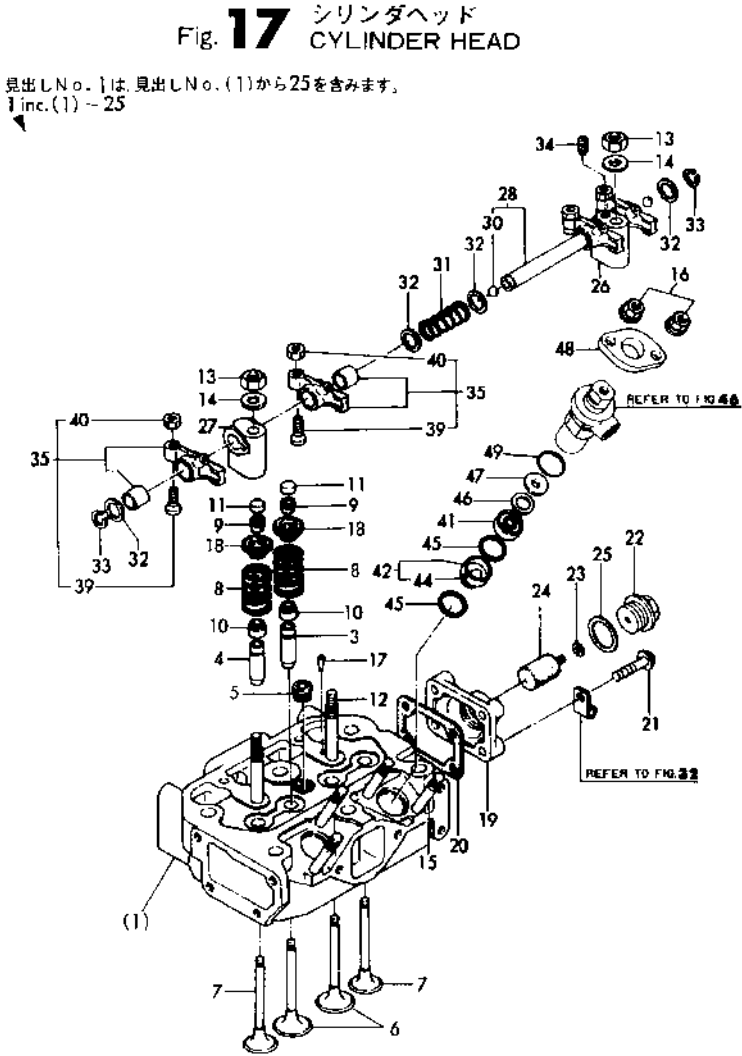
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	128270-09300	PLUG, NPTF1	1	1	1	1				
2	2	123210-09310	GASKET	1	1	1	1				
3	2	27210-200300	ZINC, SCREW20X30	1	1	1	1				
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.17. CYLINDER HEAD

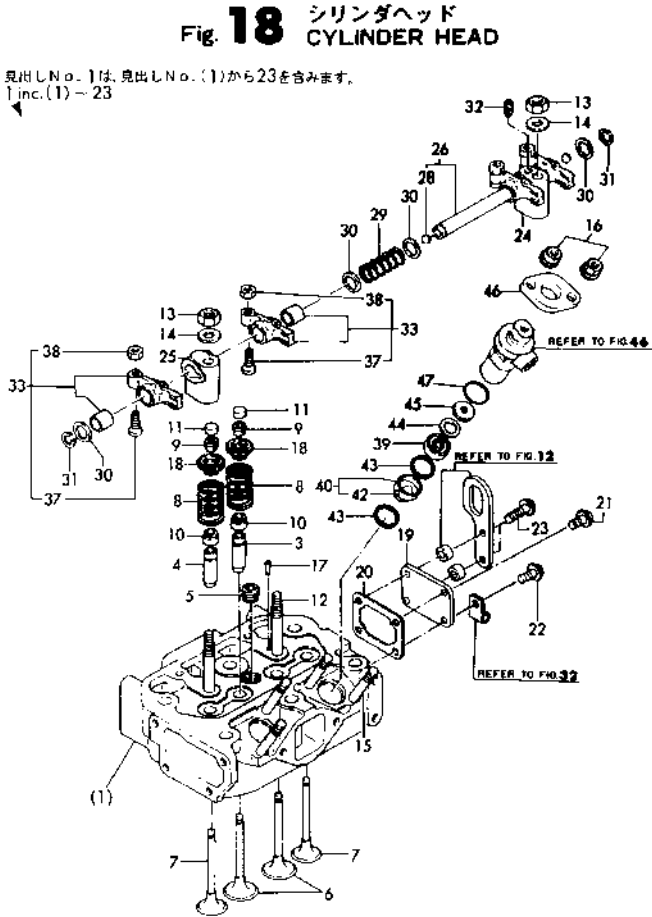
(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728272-11700	HEAD ASSY, CYLINDER	1	1	1	1				
3	3	124060-11160	GUIDE, VALVE	2	2	2	2				
4	3	128272-11170	GUIDE, VALVE	2	2	2	2				
5	3	23871-030000	PLUG, R03	1	1	1	1				
6	2	105225-11100	VALVE, INTAKE	2	2	2	2				
7	2	105225-11110	VALVE, EXHAUST	2	2	2	2				
8	2	121575-11121	SPRING, VALVE	4	4	4	4				
9	2	101158-11190	COTTER	8	8	8	8				
10	2	124950-11340	SEAL, VALVE STEM	4	4	4	4				
11	2	104211-11370	CAP, VALVE	4	4	4	4				
12	2	105225-11350	STUD	2	2	2	2				
13	2	26696-100002	NUT, LOCK M10	2	2	2	2				
14	2	22137-100000	WASHER, 10	2	2	2	2				
15	2	26216-080652	STUD, M8X 65	4	4	4	4				
16	2	26366-080002	NUT, M8	4	4	4	4				
17	2	121000-11050	PIN, 4.5X12	1	1	1	1				
18	2	104200-11180	RETAINER, SPRING	4	4	4	4				
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				N
(A=E17944) (C=E01277) (D=E01641)											
21	2	26106-080302	BOLT, M8X 30 PLATED	4	4	4	4				
22	2	122780-09320	PLUG	1	1	1	1				
23	2	123210-09310	GASKET	1	1	1	1				
24	2	27210-200300	ZINC, SCREW20X30	1	1	1	1				
25	2	23414-250000	GASKET, 25X1.0	1	1	1	1				
26	1	121450-11260	SUPPORT, ROCKER ARM	1	1	1	1				
27	1	121450-11270	SUPPORT, ROCKER ARM	1	1	1	1				
28	1	124000-11240	SHAFT, ROCKER ARM	1	1	1	1				
30	2	24190-110001	BALL, STEEL 11/32	2	2	2	2				
31	1	121550-11280	SPRING	1	1	1	1				
32	1	121550-11290	WASHER	4	4	4	4				
33	1	22242-000140	RING, 14	2	2	2	2				
34	1	26921-080102	SCREW, M8X10	1	1	1	1				
35	1	724085-11650	ARM ASSY, ROCKER	4	4	4	4				
39	2	101158-11230	SCREW, VALVE ADJUST	4	4	4	4				
40	2	26756-080002	NUT, LOCK M8	4	4	4	4				
41	1	128275-11410	CHAMBER	2	2	2	2				
42	1	105311-11420	CHAMBER	2	2	2	2				
44	2	103338-11430	PIN	2	2	2	2				
45	1	124950-11450	GASKET, CHAMBER	4	4	4	4				
46	1	128275-11490	PROTECTOR	2	2	2	2				
47	1	128275-11500	COVER	2	2	2	2				
48	1	101147-11900	RETAINER	2	2	2	2				
49	1	24341-000260	O-RING, 1AS26.0	2	2	2	2				

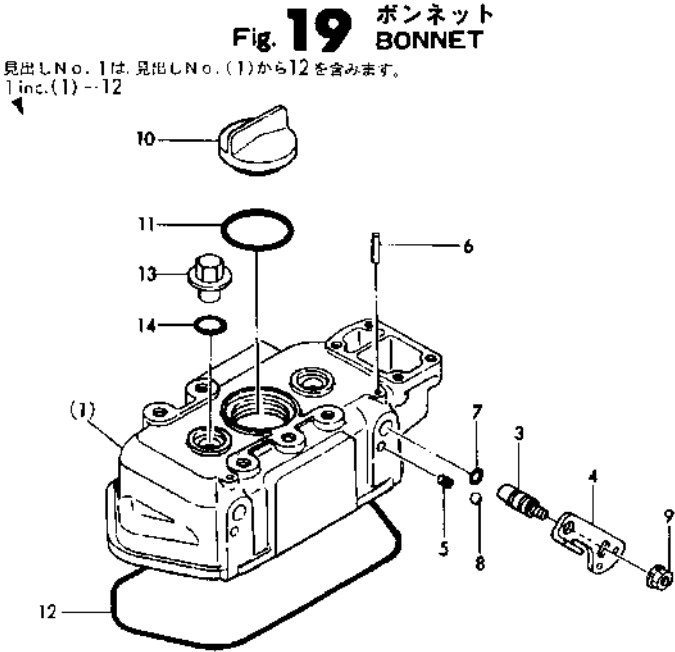
Fig.18. CYLINDER HEAD



Remarks
1) CYLINDER HEAD ASSY OF MODEL 2GM20F
IS SUPPLIED AS MODEL 2GM20.
ALTHOUGH COMPONENT PARTS ARE PARTLY
DIFFERET, BUT INTERCHANGEABLE.

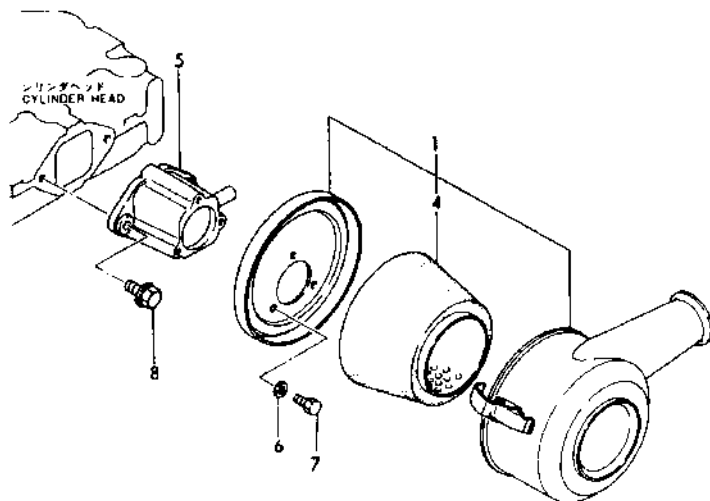
OCF10-M50502 Fig.18										
				(A)=2GM20 (B)=2GM20VE (C)=2GM20B	(D)=2GM20C (E)=2GM20F (F)=2GM20FVE					
No.	Lev.	Parts No.	Description	Q'ty				I	R	
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	728272-11700	HEAD ASSY, CYLINDER					1	1	1
3	3	124060-11160	GUIDE, VALVE					2	2	
4	3	128272-11170	GUIDE, VALVE					2	2	
5	3	23871-030000	PLUG, R03					1	1	
6	2	105225-11100	VALVE, INTAKE					2	2	
7	2	105225-11110	VALVE, EXHAUST					2	2	
8	2	121575-11121	SPRING, VALVE					4	4	
9	2	101158-11190	COTTER					8	8	
10	2	124950-11340	SEAL, VALVE STEM					4	4	
11	2	104211-11370	CAP, VALVE					4	4	
12	2	105225-11350	STUD					2	2	
13	2	26696-100002	NUT, LOCK M10					2	2	
14	2	22137-100000	WASHER, 10					2	2	
15	2	26216-080652	STUD, M8X 65					4	4	
16	2	26366-080002	NUT, M8					4	4	
17	2	121000-11050	PIN, 4.5X12					1	1	
18	2	104200-11180	RETAINER, SPRING					4	4	
19	2	121450-11670	COVER, HEAD					1	1	
20	2	121450-11680	GASKET					1		
20-1	2	121450-11681	GASKET					1		N
(E=E17941)										
21	2	26106-080122	BOLT, M8X 12 PLATED					1	1	
22	2	26106-080142	BOLT, M8X 14 PLATED					1	1	
23	2	26106-080252	BOLT, M8X 25 PLATED					2	2	
24	1	121450-11260	SUPPORT, ROCKER ARM					1	1	
25	1	121450-11270	SUPPORT, ROCKER ARM					1	1	
26	1	124000-11240	SHAFT, ROCKER ARM					1	1	
28	2	24190-110001	BALL, STEEL 11/32					2	2	
29	1	121550-11280	SPRING					1	1	
30	1	121550-11290	WASHER					4	4	
31	1	22242-000140	RING, 14					2	2	
32	1	26921-080102	SCREW, M8X10					1	1	
33	1	724085-11650	ARM ASSY, ROCKER					4	4	
37	2	101158-11230	SCREW, VALVE ADJUST					4	4	
38	2	26756-080002	NUT, LOCK M8					4	4	
39	1	128275-11410	CHAMBER					2	2	
40	1	105311-11420	CHAMBER					2	2	
42	2	103338-11430	PIN					2	2	
43	1	124950-11450	GASKET, CHAMBER					4	4	
44	1	128275-11490	PROTECTOR					2	2	
45	1	128275-11500	COVER					2	2	
46	1	101147-11900	RETAINER					2	2	
47	1	24341-000260	O-RING, 1AS26.0					2	2	

Fig.19. BONNET



OCF10-M50502										Fig.19	
(A)=2GM20 (B)=2GM20VE (C)=2GM20B										(D)=2GM20C (E)=2GM20F (F)=2GM20FVE	
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728270-11520	BONNET ASSY, HEAD	1	1	1	1	1	1		
3	2	128270-03610	SHAFT, DECOMPRESSION	2	2	2	2	2	2		
4	2	128270-03750	LEVER, DECOMPRESSION	2	2	2	2	2	2		
5	2	128270-03640	SPRING,DECOMPRESSION	2	2	2	2	2	2		
6	2	22312-030220	PIN, PARALLEL M3X22	2	2	2	2	2	2		
7	2	24311-000070	O-RING, 1AP7.0	2	2	2	2	2	2		
8	2	24190-080001	BALL, STEEL 1/4	2	2	2	2	2	2		
9	2	26366-060002	NUT, M6	2	2	2	2	2	2		
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	128270-11310	GASKET, BONNET	1	1	1	1	1	1		
13	1	124160-11360	KNOB	2	2	2	2	2	2		
14	1	24311-000120	O-RING, 1AP12.0	2	2	2	2	2	2		

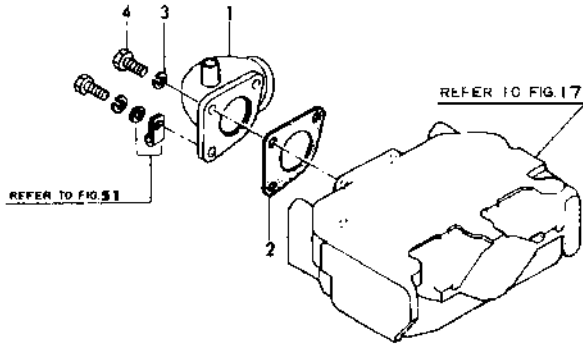
Fig. 20 吸気サイレンサ
AIR INTAKE SILENCER



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	128270-12700	PIPE, AIR INTAKE	1	1	1	1	1	1		
6	1	22117-060000	WASHER, 6	3	3	3	3	3	3		
7	1	26013-060142	BOLT, M6X 14	3	3	3	3	3	3		
8	1	26106-080182	BOLT, M8X 18 PLATED	2	2	2	2	2	2		

Fig.21. MIXING ELBOW

Fig.21 ミキシングエルボ
MIXING ELBOW



												OCF10-M50502		Fig.21	
												(A)=2GM20		(D)=2GM20C	
												(B)=2GM20VE		(E)=2GM20F	
												(C)=2GM20B		(F)=2GM20FVE	
No.	Lev.	Parts No.	Description	Q'ty				I	R						
				(A)	(B)	(C)	(D)	(E)	(F)						
1	1	128170-13530	ELBOW	1	1	1	1								
2	1	128170-13200	GASKET	1		1	1								
2-1	1	128170-13201	GASKET	1		1	1			N					
	(A=E17944)		(C=E01277)	(D=E01641)											
3	1	22217-080000	WASHER, SPRING 8	3	3	3	3								
4	1	26115-080202	BOLT, M8X 20	3	3	3	3								

Fig. 22 ミキシングエルボ
MIXING ELBOW

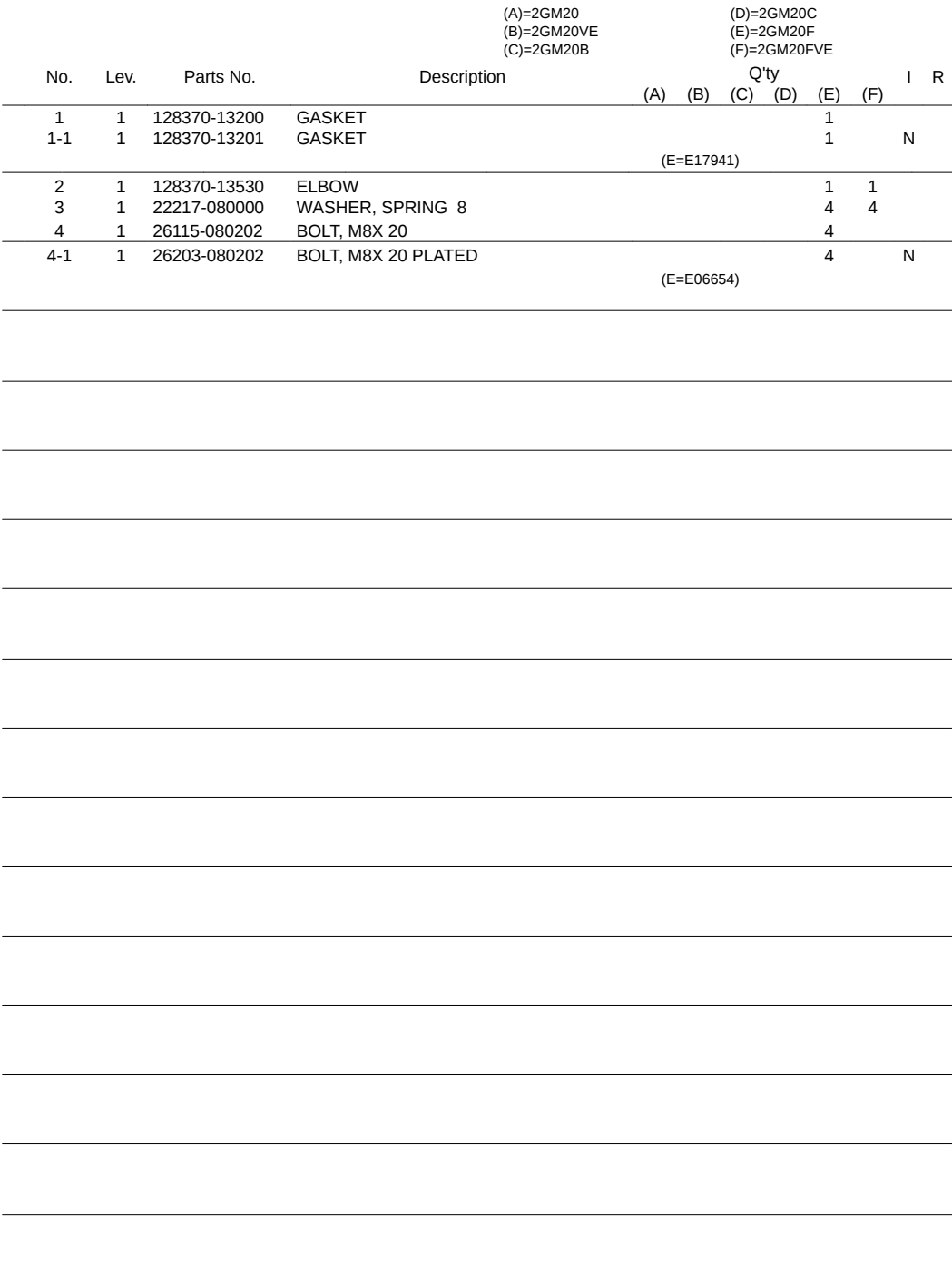
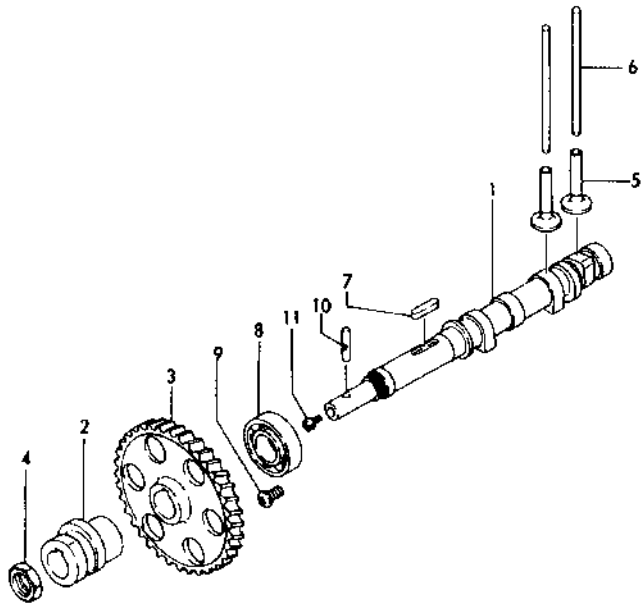


Fig.23. CAMSHAFT

Fig.23 カムシャフト
CAMSHAFT



(A)=2GM20
(B)=2GM20VE
(C)=2GM20B
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-14010	CAMSHAFT	1	1		1				
2	1	124000-14090	CAM, FUEL	1	1		1				
3	1	129350-14100	GEAR, CAMSHAFT	1	1		1				
4	1	128170-14150	NUT	1	1		1				
5	1	104200-14200	TAPPET	4	4		4				
6	1	121450-14400	ROD, PUSH	4	4		4				
7	1	22512-070300	KEY, 7X 30	1	1		1				
8	1	24101-062054	BEARING, BALL 6205	1	1		1				
9	1	26587-080122	SCREW, M8X12	1	1		1				
10	1	124070-14760	PIN	1	1		1				
11	1	26450-050102	BOLT, M5X 10	1	1		1				

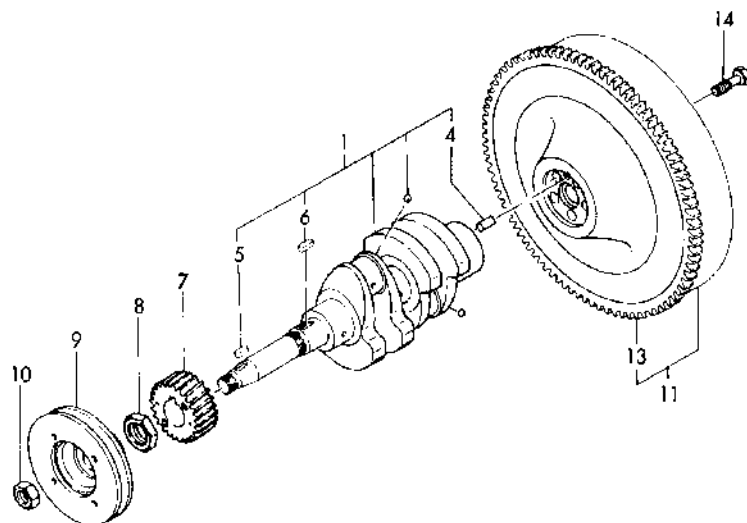
Fig. 24 CAMSHAFT

This diagram illustrates the exploded view of a camshaft assembly. The components are numbered as follows:

- 1: Camshaft
- 2: Nut
- 3: Gear
- 4: Washer
- 5: Lock washers
- 6: Pin
- 7: Cotter pin
- 8: Seal
- 9: Shim

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-14010	CAMSHAFT			1		1	1		
2	1	124000-14090	CAM, FUEL			1		1	1		
3	1	129350-14100	GEAR, CAMSHAFT			1		1	1		
4	1	128170-14150	NUT			1		1	1		
5	1	104200-14200	TAPPET			4		4	4		
6	1	121450-14400	ROD, PUSH			4		4	4		
7	1	22512-070300	KEY, 7X 30			1		1	1		
8	1	24101-062054	BEARING, BALL 6205			1		1	1		
9	1	26587-080122	SCREW, M8X12			1		1	1		

Fig. **25** クランクシャフト&フライホイール
CRANKSHAFT & FLYWHEEL

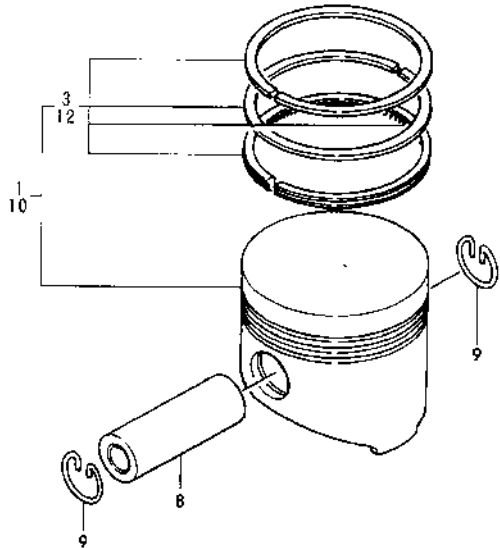


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724085-21701	CRANKSHAFT ASSY	1	1	1	1	1	1		
4	2	22312-080160	PIN, PARALLEL M8X16	1	1	1	1	1	1		
5	2	22512-070180	KEY, 7X 18	1	1	1	1	1	1		
6	2	22512-070180	KEY, 7X 18	1	1	1	1	1	1		
7	1	129350-21200	GEAR, CRANKSHAFT	1	1	1	1	1	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		N
	(A=E08741)		(C=E08741)	(D=E08741)	(E=E08720)						
9	1	128270-21651	V-PULLEY	1	1	1	1	1	1		
10	1	26776-180002	NUT, LOCK M18	1	1	1	1	1	1		
11	1	128271-21590	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.26. PISTON

P/C NEWS No. Y00F5052-2
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Fig.26 ピストン
PISTON



(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

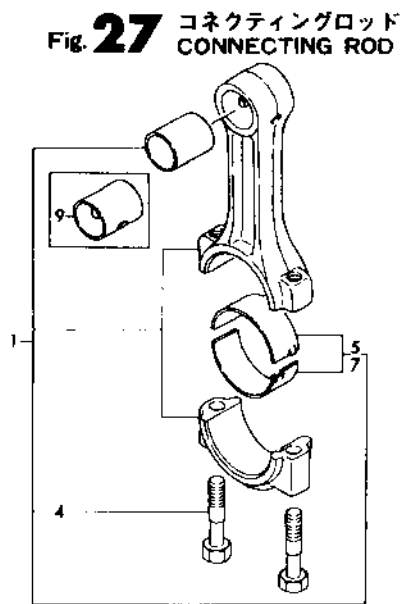
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	105311-22090	PISTON ASSY, S	2	2	2	2	2	2		
3	2	705311-22500	RING SET, PISTON	2	2	2	2	2	2		
8	1	105225-22300	PIN, PISTON	2	2	2	2	2	2		
9	1	105225-22400	CIRCLIP	4	4	4	4	4	4		
10	1	128171-22250	PISTON ASSY, 0.25 OS	2	2	2	2	2	2		1
12	2	705325-22540	RING SET, 0.25 OS	2	2	2	2	2	2		1

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

Fig.27. CONNECTING ROD

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

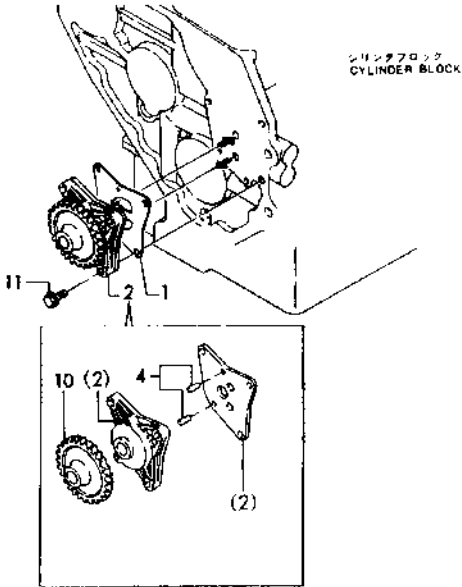
[illegible]

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

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

Fig.28. LUB. OIL PUMP

Fig.28 潤滑油ポンプ
LUB. OIL PUMP



0CF10-M50502 Fig.28											
(A)=2GM20 (D)=2GM20C											
(B)=2GM20VE (E)=2GM20F											
(C)=2GM20B (F)=2GM20FVE											
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			
4-1A	2	121450-32050	PIN	1	1	1	1	1	1	1	K
	(A=E04634)		(C=E00307) (D=E00492)	(E=E04636)							
4-1B	2	121450-32060	PIN, 4X8	1		1	1	1			W
	(A=E04634)		(C=E00307) (D=E00492)	(E=E04636)							
10	2	121450-32200	GEAR, OIL PUMP	1	1	1	1	1	1		
11	1	26106-060202	BOLT, M6X 20 PLATED	3		3	3	3			
11-1	1	26013-060222	BOLT, M6X 22	3		3	3	3			N
	(A=E0000)		(C=E0000) (D=E0000)	(E=E0000)							

N:Old

Yes

No

New.

Q:Old

Yes

No

New.

R:Old

Yes

No

New.

S:Old

Yes

No

New.

W:Add.

Z:Discontinued.

F:Interchangeable by set.

K:Q'ty Change

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Fig. 29 検油棒
LUB. OIL DIPSTICK

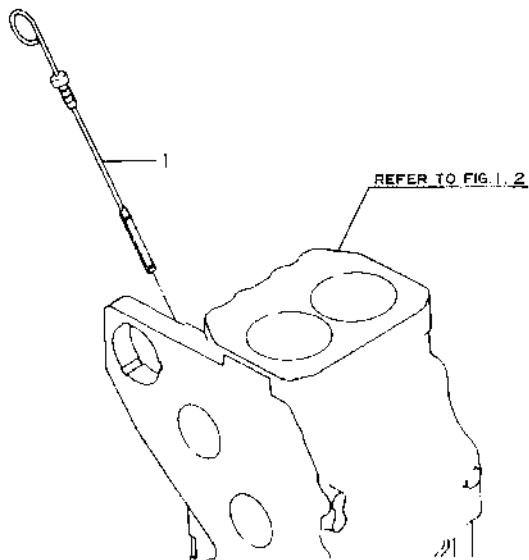
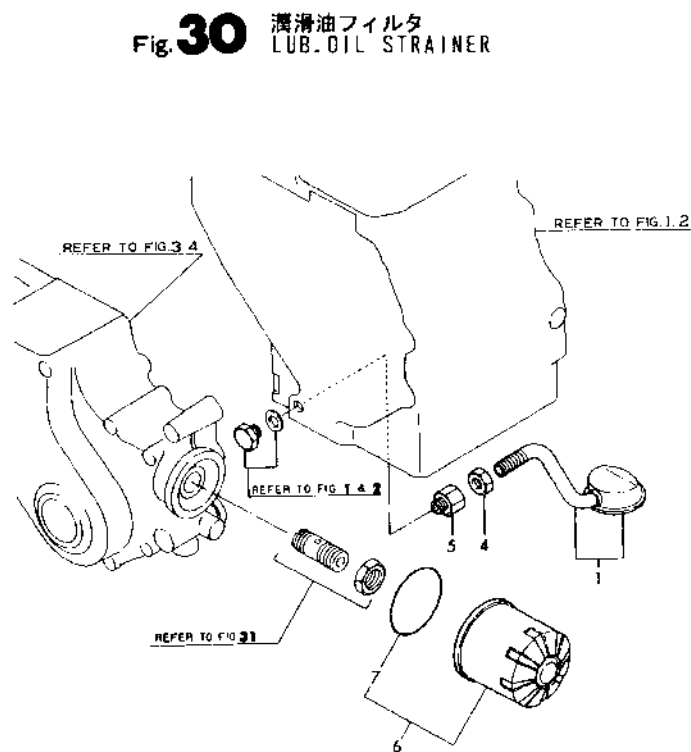
[illegible]

Fig.30. LUB. OIL STRAINER

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE



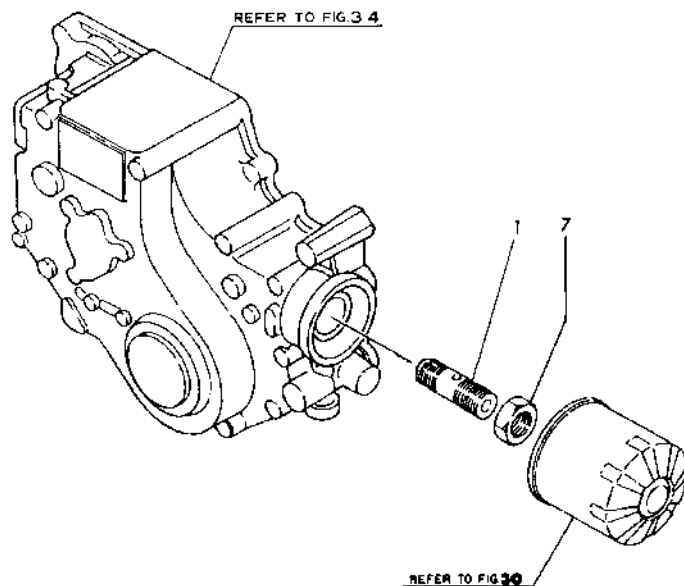
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-35090	PIPE ASSY, OIL INLET	1	1	1	1	1	1		
4	1	124450-35070	NUT, PF1/4	1	1	1	1	1	1		
5	1	121150-35100	BRACKET	1	1	1	1	1	1		
6	1	124450-35100	FILTER, OIL	1		1	1	1			
6-1	1	119660-35150	FILTER, LUB. OIL	1		1	1	1		R	
		(A=E17927)	(C=E01263)	(D=E01626)	(E=E17887)						
6-2	1	119305-35151	FILTER ASSY, D68XL65	1		1	1	1		N	1
		(A=EXXXXX)	(C=EXXXXX)	(D=EXXXXX)	(E=EXXXXX)						
7	2	124450-35100	FILTER, OIL	1		1	1	1		Z	
		(A=EXXXXX)	(C=EXXXXX)	(D=EXXXXX)	(E=EXXXXX)						

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

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

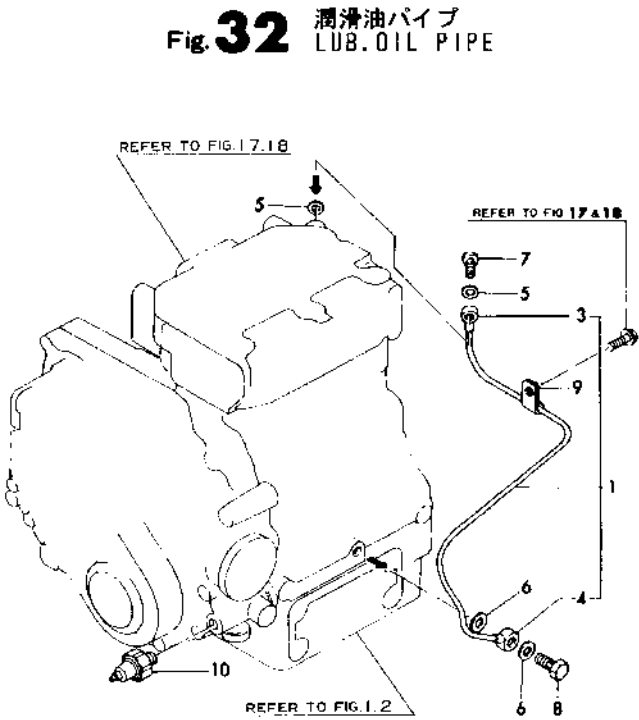
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Fig. 31 潤滑油調圧弁
L.O. PRESS. REGULATING VALVE



No.	Lev.	Parts No.	Description	(A)=2GM20 (B)=2GM20VE (C)=2GM20B		(D)=2GM20C (E)=2GM20F (F)=2GM20FVE			
				(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.32. LUB. OIL LINE

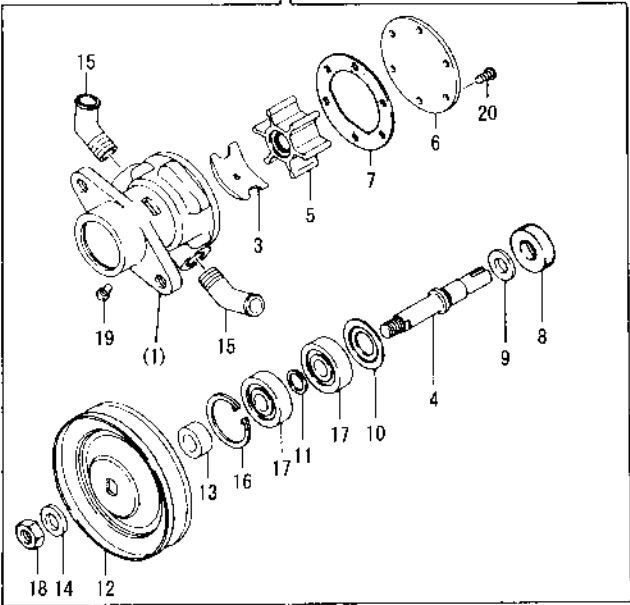
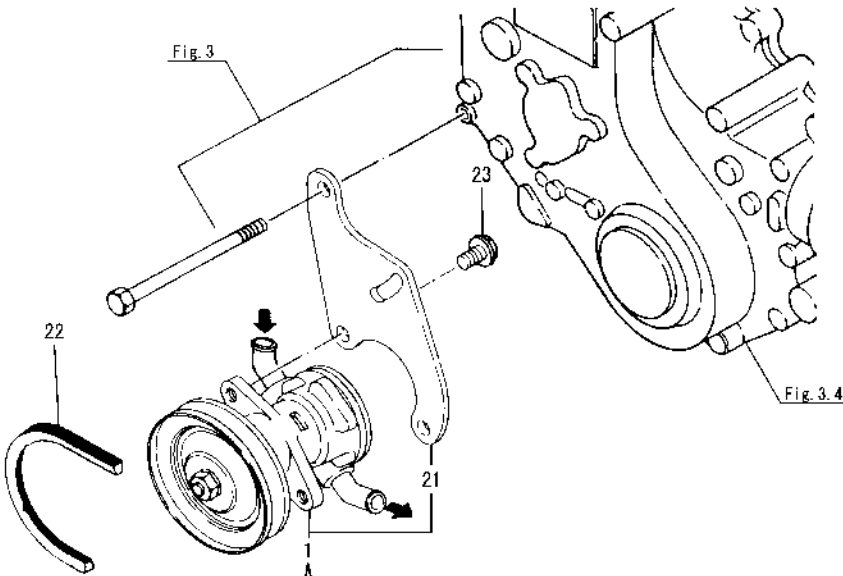


OCF10-M50502										Fig.32	
(A)=2GM20										(D)=2GM20C	
(B)=2GM20VE										(E)=2GM20F	
(C)=2GM20B										(F)=2GM20FVE	
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-39200	PIPE, OIL	1	1	1	1	1	1		
3	2	103288-39170	JOINT, PIPE	1	1	1	1	1	1		
4	2	124160-39540	JOINT, PIPE 10	1	1	1	1	1	1		
5	1	23414-080000	GASKET, 8X1.0	2	2	2	2	2	2		
6	1	23414-100000	GASKET, 10X1.0	2	2	2	2	2	2		
7	1	124550-59820	BOLT, PIPE JOINT M8	1	1	1	1	1	1		
8	1	124160-39140	BOLT, PIPE JOINT M10	1	1	1	1	1	1		
9	1	124450-39240	RETAINER, PIPE	1	1	1	1	1	1		
10	1	124060-39451	SWITCH, 0.2KG	1	1	1	1	1	1		

Fig.33. COOLING SEA WATER PUMP

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

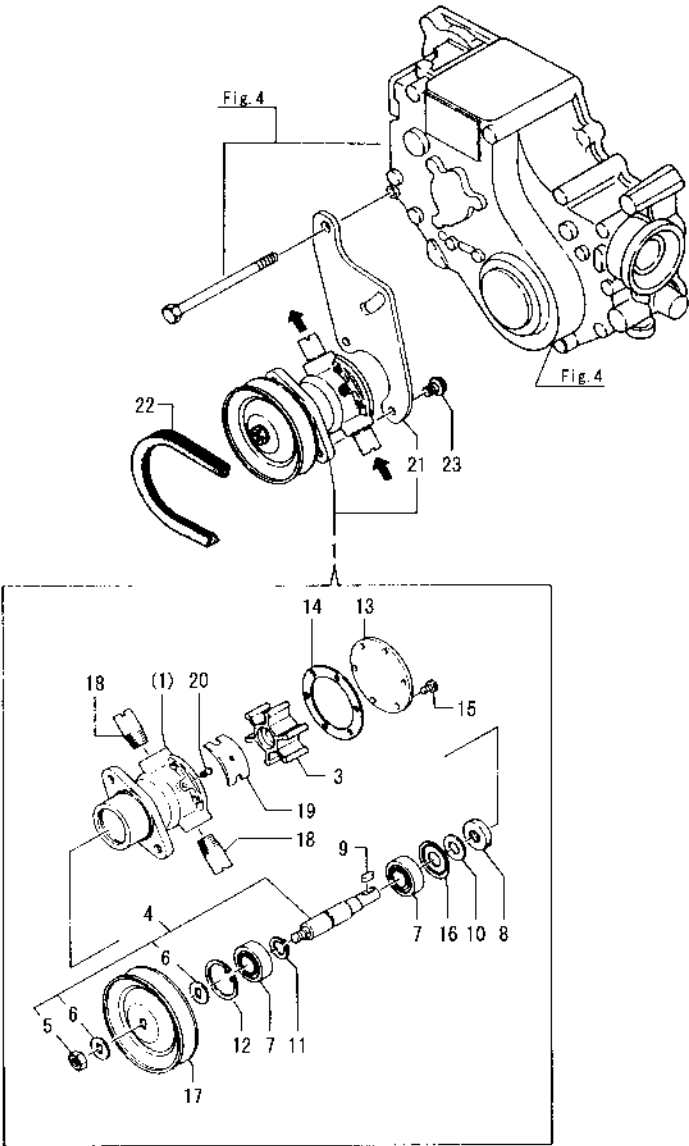


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-42000	PUMP ASSY, WATER	1	1	1	1				
3	2	104211-42050	CAM	1	1	1	1				
4	2	124070-42060	SHAFT, IMPELLER	1	1	1	1				
5	2	104211-42070	IMPELLER	1	1	1	1				
6	2	104211-42080	COVER	1	1	1	1				
7	2	104211-42090	GASKET	1	1	1	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.34. COOLING SEA WATER PUMP

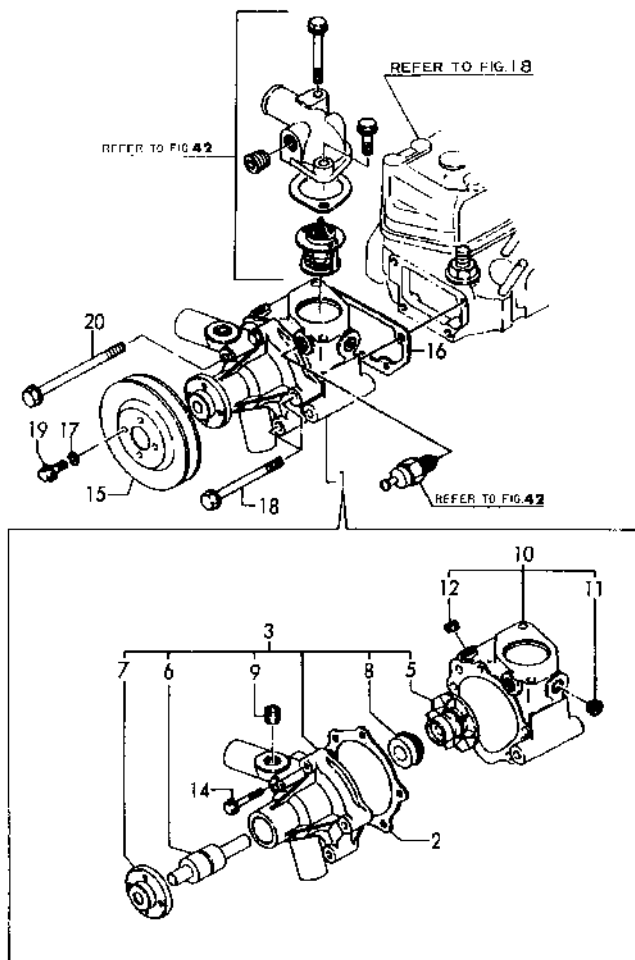
(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE



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	721575-42500	SHAFT ASSY					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. 35 冷却水ポンプ(清水)
COOLING FRESH WATER PUMP



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		

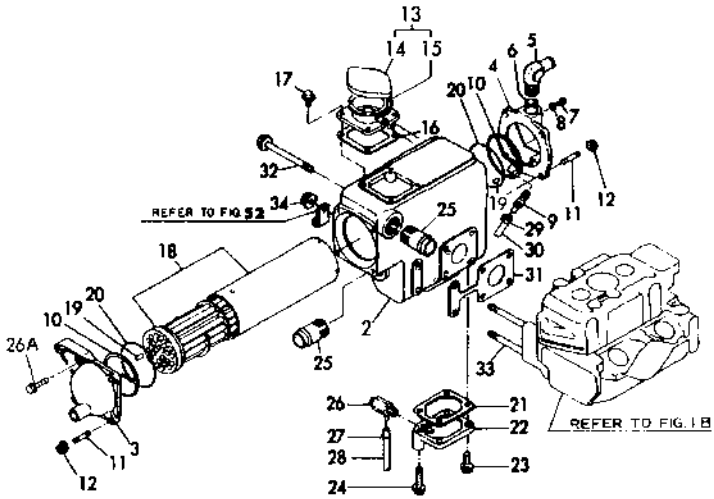
Fig.36. COOLING FRESH WATER COOLER

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

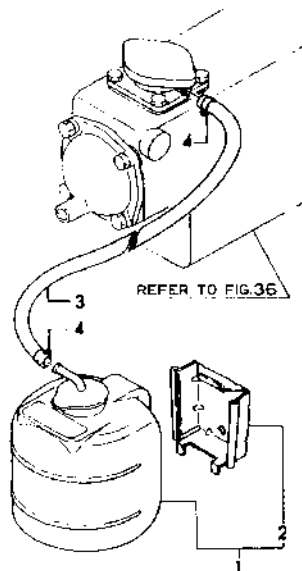
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

Fig.36 清水クーラ
COOLING FRESH WATER COOLER

見出しNo. 1は、見出しNo. 2から26Aを含みます。
↑ inc. 2 ~ 26A



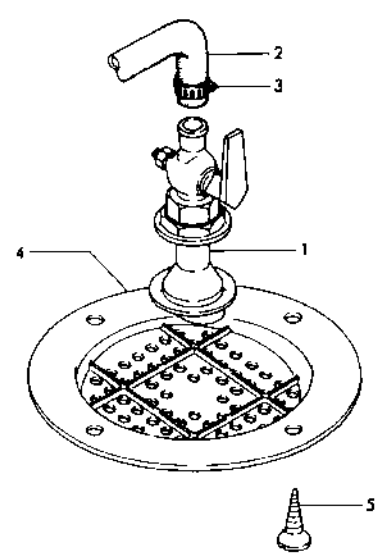
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728290-44501	COOLER ASSY, WATER					1			
1-1	1	128290-44900	COOLER ASSY, WATER					1		N	
(E=E17431)											
2	2	128290-44011	BODY, COOLER					1	1		
3	2	128290-44050	COVER					1	1		
4	2	128690-44060	COVER, COOLER					1	1		
5	3	128690-49310	ELBOW					1	1		
6	3	24311-000160	O-RING, 1AP16.0					1	1		
7	3	26554-050102	SCREW, M5X10					1	1		
8	3	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	123682-44190	FILLER ASSY					1	1		
14	3	123682-44210	CAP, RADIATOR					1	1		
15	3	123682-44220	CHAIN					1	1		
16	2	123682-44200	GASKET					1			
16-1	2	123682-44201	GASKET					1		N	
(E=E17941)											
17	2	26106-060142	BOLT, M6X 14 PLATED					4	4		
18	2	128290-44400	PIPE, WATER					1	1		
19	2	124790-44470	PIN					2	2		
20	2	24311-000700	O-RING, 1AP70.0					2	2		
21	2	121450-11680	GASKET					1			
21-1	2	121450-11681	GASKET					1		N	
(E=E17941)											
22	2	128290-44481	COVER					1	1		
23	2	26106-080202	BOLT, M8X 20 PLATED					3	3		
24	2	26106-080352	BOLT, M8X 35 PLATED					1	1		
25	2	124160-49480	JOINT, PIPE					2	2		
26	2	120130-49350	COCK, 1/4					1	1		
26A	2	26106-060182	BOLT, M6X 18 PLATED					7		W	
(E=EXXX)											
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		N	
(E=E20327)											
30	1	23061-070300	PIPE, 7X 300					1	1		
31	1	128290-13250	GASKET					1			
31-1	1	128290-13251	GASKET					1		N	
(E=E17941)											
32	1	26106-080852	BOLT, M8X 85 PLATED					4	4		
33	1	26216-080852	STUD, M8X 85					2	2		
34	1	26366-080002	NUT, M8					2	2		



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	720445-44200	TANK ASSY, SUB					1			
1-1	1	120445-44530	TANK, SUB					1		S	
				(E=E12988)							
2	1	120445-44540	SUPPORT						1	1	
3	1	124790-44560	PIPE, WATER L=1000					1	1		
4	1	23010-013000	CLAMP 13					2	2		

Fig.38. KINGSTON COCK

Fig. 38 キングストンコック
KINGSTON COCK



(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

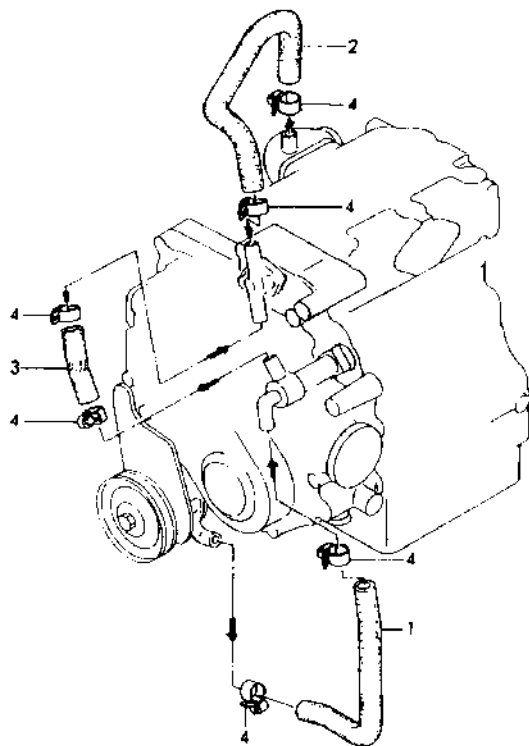
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	43662-010030	COCK ASSY, SEA WATER	1	1	1					1
2	1	104211-49080	PIPE, 13/20X2M	1	1	1					1
3	1	23000-022000	CLAMP, 22	3	3	3					1
4	1	43666-020951	COVER, STRAINER	1	1	1					1
5	1	22724-800380	SCREW, 8.0X38	4	4	4					1

Remarks
1)OPTIONAL FOR 2GM20 & 2GM20VE

Fig.39. COOLING SEA WATER LINE

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

Fig. 39 冷却水パイプ(海水)
COOLING SEA WATER PIPE



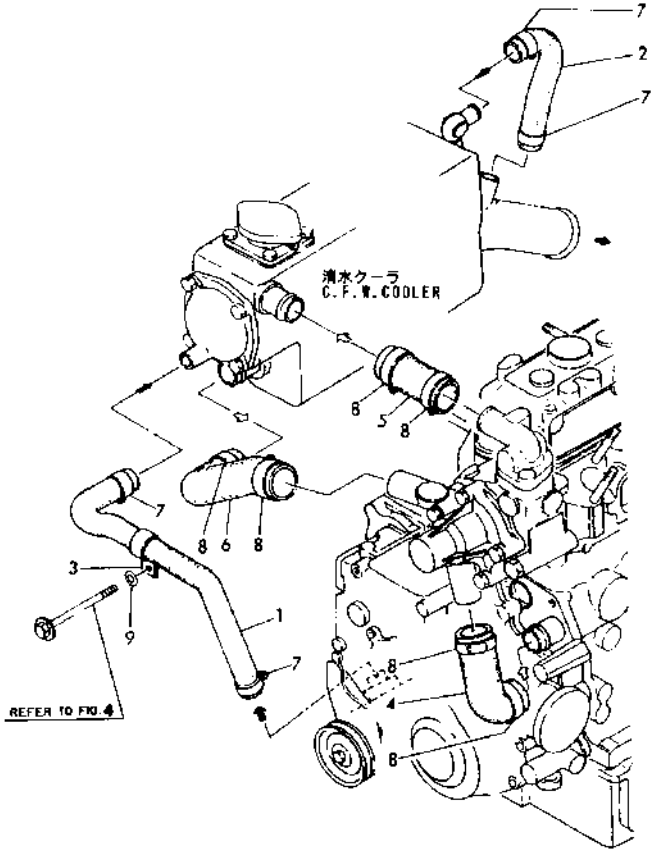
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	(G)
1	1	128270-49010	PIPE, WATER	1		1	1			
2	1	128270-49020	PIPE, WATER	1	1	1	1			
3	1	128270-49050	PIPE, WATER	1	1	1	1			
4	1	23000-022000	CLAMP, 22	6	4	6	6			

Fig.40. COOLING FRESH WATER LINE

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

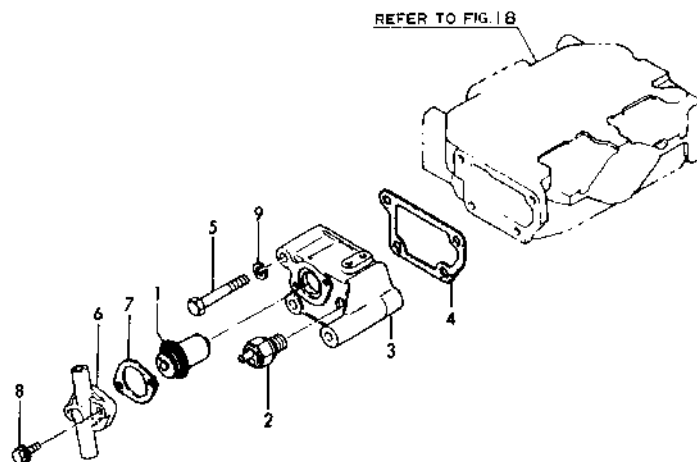
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

Fig.40 冷却水パイプ(清水)
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	3		
8	1	23000-041000	CLAMP, 41					6	6		
9	1	22137-060000	WASHER, 6					1		W	
(E=EXXX)											

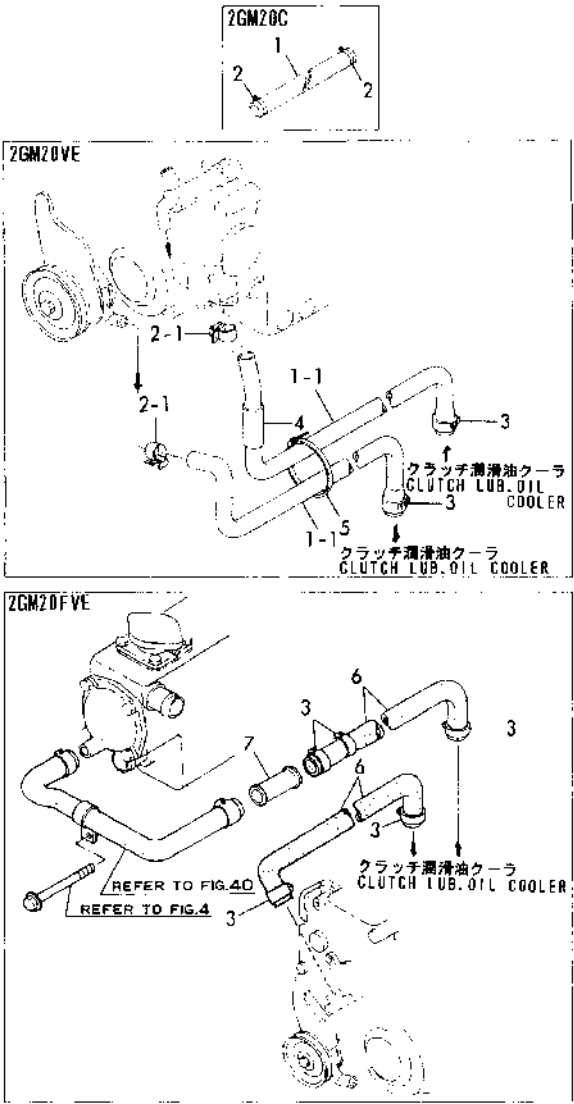
Fig. 41 サーマスタット
THERMOSTAT



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				

Fig.43. COOLING SEA WATER LINE(OPTIONAL)

Fig.43 冷却水パイプ(海水)(オプション)
COOLING SEA WATER PIPE(OPTIONAL)



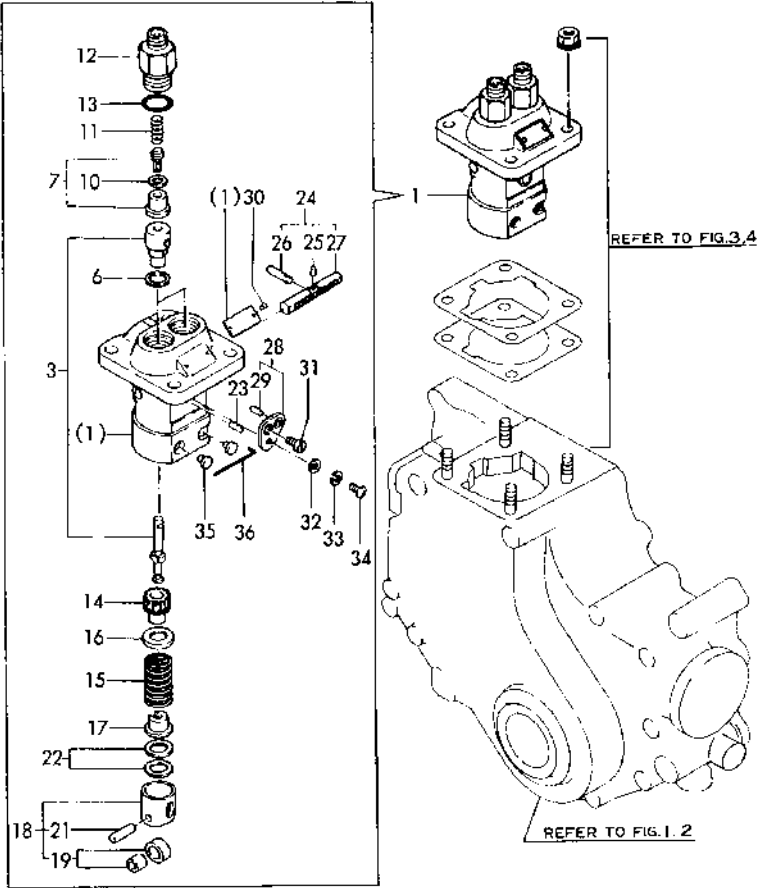
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128170-49080	PIPE, WATER				1				
1-1	1	128170-49081	PIPE, WATER				1			N	
(D=E01081)											
2	1	23000-022000	CLAMP, 22				2				
2-1	1	23000-022000	CLAMP, 22		2		1			K	
(D=E01081)											
3	1	23000-025000	CLAMP, 25				1			W	
(D=E01081)											
4	1	128271-49450	TUBE, PROTECT		1						
5	1	121750-59890	BAND, 140		1						
6	1	124223-49050	PIPE, WATER						2		
7	1	128291-49250	JOINT						1		

Fig.44. FUEL INJECTION PUMP

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

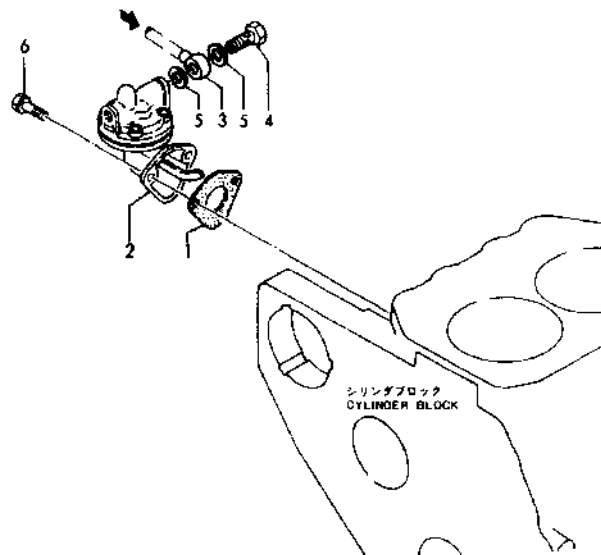
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

Fig.44 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	728271-51100	PUMP ASSY, INJECTION	1	1	1	1				
1-1	1	728271-51101	PUMP ASSY, INJECTION	1	1	1	1	1	1	N	
(A=E21044) (C=E01586) (D=E02109) (E=E21038)											
3	2	128170-51101	PLUNGER ASSY	2	2	2	2	2	2		
6	2	124950-51270	GASKET	2	2	2	2	2	2		
7	2	128170-51300	VALVE ASSY, DELIVERY	2		2	2	2			
7-1	2	105500-51300	VALVE ASSY, DELIVERY	2	2	2	2	2	2	N	
(A=E21044) (C=E01586) (D=E02109) (E=E21038)											
10	2	124550-51350	GASKET, DELIVERY	2	2	2	2	2	2		
11	2	124550-51320	SPRING, DELIVERY	2	2	2	2	2	2		
12	2	124550-51341	HOLDER, DELIVERY L43	2	2	2	2	2	2		
13	2	124550-51370	O-RING	2	2	2	2	2	2		
14	2	124950-51510	PINION	2	2	2	2	2	2		
15	2	124950-51190	SPRING, PLUNGER	2	2	2	2	2	2		
16	2	174307-51170	RETAINER, SPRING A	2	2	2	2	2	2		
17	2	174307-51181	RETAINER, SPRING B	2	2	2	2	2	2		
18	2	724550-51520	GUIDE, PLUNGER	2	2	2	2	2	2		
19	3	711100-51540	ROLLER ASSY	2	2	2	2	2	2		
21	3	174100-54120	PIN	2	2	2	2	2	2		
22	2	174307-51700	SHIM SET	2	2	2	2	2	2		
23	2	103854-51251	PIN, PLUNGER	1	1	1	1	1	1		
24	2	124085-51500	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	1	1	1	1	1	1		
29	3	124950-51670	PIN	1	1	1	1	1	1		
29A	3	124950-51650	PLATE	1	1	1	1	1	1	W	
(A=E0000) (C=E0000) (D=E0000) (E=E0000)											
30	2	124220-51890	RIVET	2	2	2	2	2	2		
31	2	103854-51660	SCREW	1	1	1	1	1	1		
32	2	22117-050000	WASHER, 5	1		1	1	1		Z	
(A=E0000) (C=E0000) (D=E0000) (E=E0000)											
33	2	22117-050000	WASHER, SPRING 5	1		1	1	1		Z	
(A=E0000) (C=E0000) (D=E0000) (E=E0000)											
34	2	26587-050102	SCREW, M5X10	1		1	1	1			
34-1	2	26033-050102	SCREW, M5X10	1	1	1	1	1	1	N	
(A=E06223) (C=E00378) (D=E00564) (E=E06462)											
35	2	124950-51450	PIECE, GUIDE	2	2	2	2	2	2		
36	2	174307-51460	PIN, LOCK	1	1	1	1	1	1		

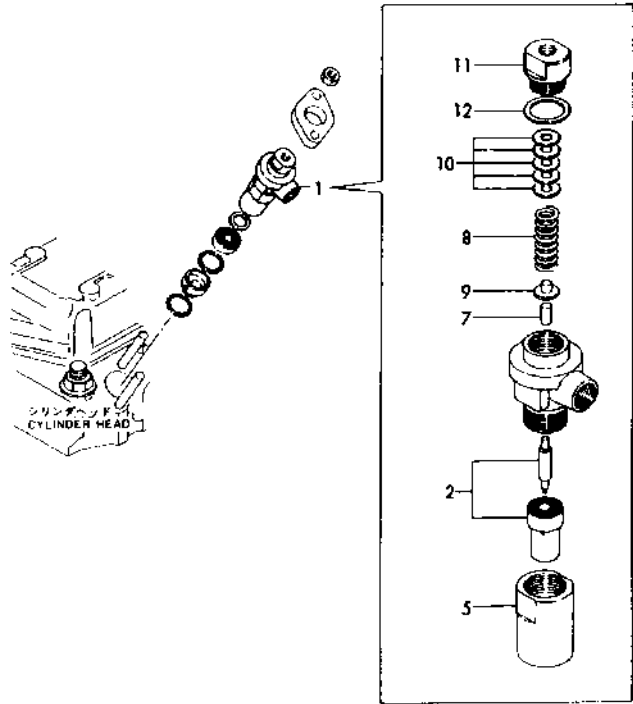
Fig. 45 燃料フィードポンプ
FUEL FEED PUMP



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			N
		(A=E16293)	(C=E01046)	(D=E01482)		(E=E16283)					
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.46. FUEL INJECTION VALVE

Fig. 46 燃料噴射弁
FUEL INJECTION VALVE

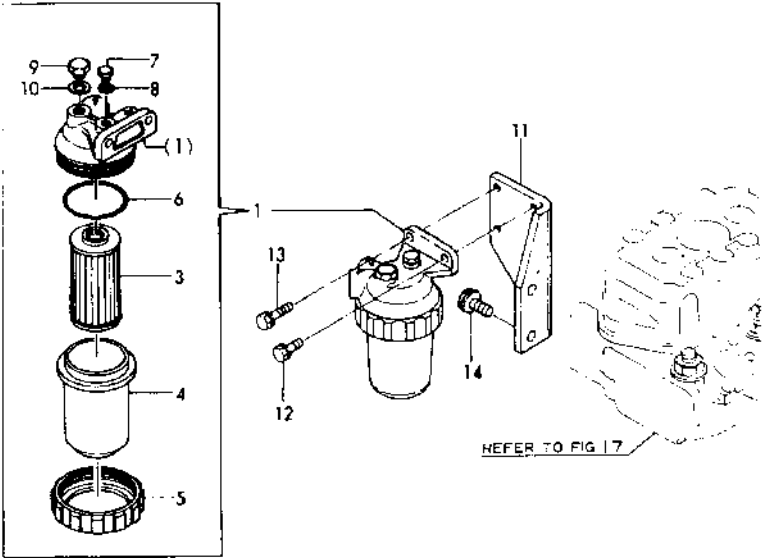


(A)=2GM20
(B)=2GM20VE
(C)=2GM20B
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

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

Fig.47. FUEL STRAINER

Fig. 47 燃料フィルタ
FUEL STRAINER



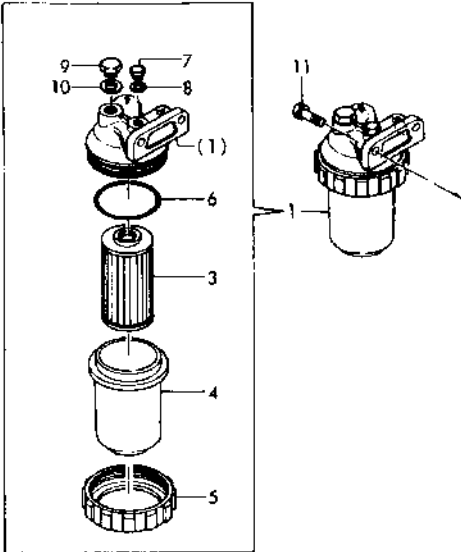
(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

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				
3	2	104500-55710	ELEMENT	1	1	1	1				
4	2	121370-55730	CUP, STRAINER	1	1	1	1				
5	2	110250-55610	RING, RETAINING	1	1	1	1				
6	2	24341-000440	O-RING, 1AS44.0	1	1	1	1				
7	2	101720-55750	PLUG, 6	1	1	1	1				
8	2	23418-060000	GASKET, 6X1.0	1	1	1	1				
9	2	135210-51900	PLUG	1	1	1	1				
10	2	23414-080012	GASKET, 8X1.0	1	1	1	1				
11	1	128270-55610	BRACKET, STRAINER	1	1	1	1				
12	1	26013-060162	BOLT, M6X 16	1	1	1	1				
13	1	26013-060252	BOLT, M6X 25	1	1	1	1				
14	1	26106-080162	BOLT, M8X 16 PLATED	2	2	2	2				

Fig.48. FUEL STRAINER

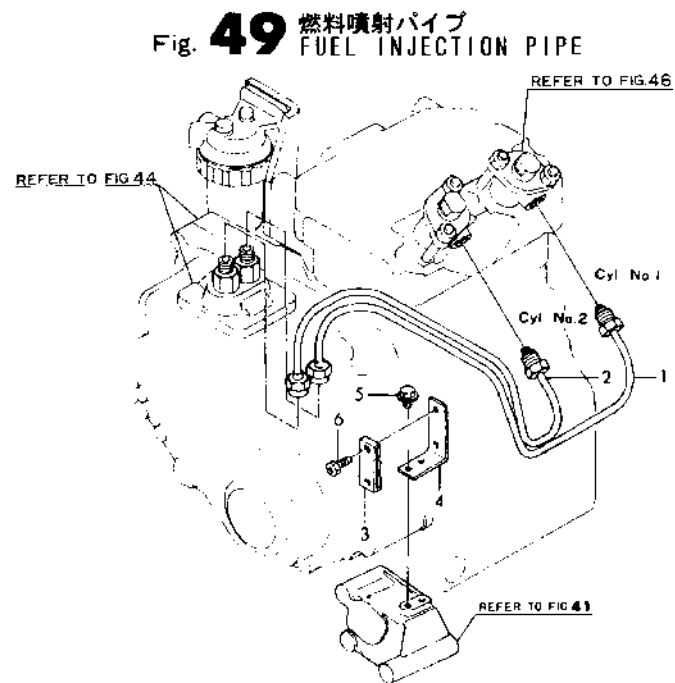
Fig. **48** 燃料フィルタ
FUEL STRAINER



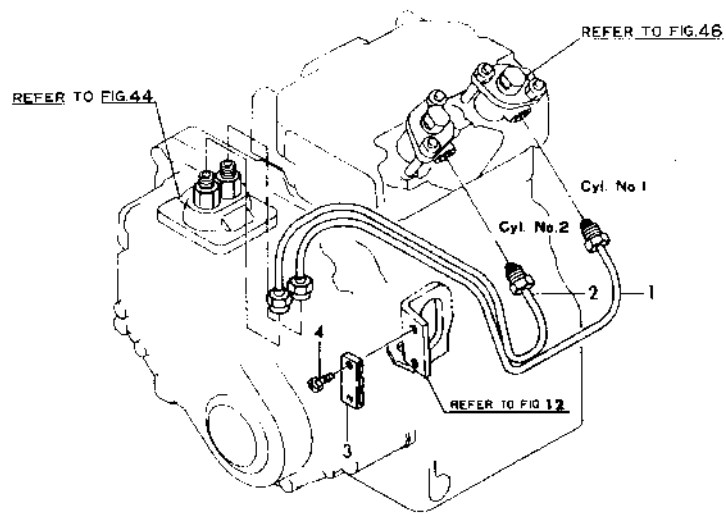
(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-59810	PIPE ASSY, INJECTION	1	1	1	1				
2	1	128270-59820	PIPE ASSY, INJECTION	1	1	1	1				
3	1	122780-59100	RETAINER	1	1	1	1				
4	1	121450-59850	BRACKET	1	1	1	1				
5	1	26106-060122	BOLT, M6X 12 PLATED	2	2	2	2				
6	1	121465-59950	BOLT, M6X16	2	2	2	2				

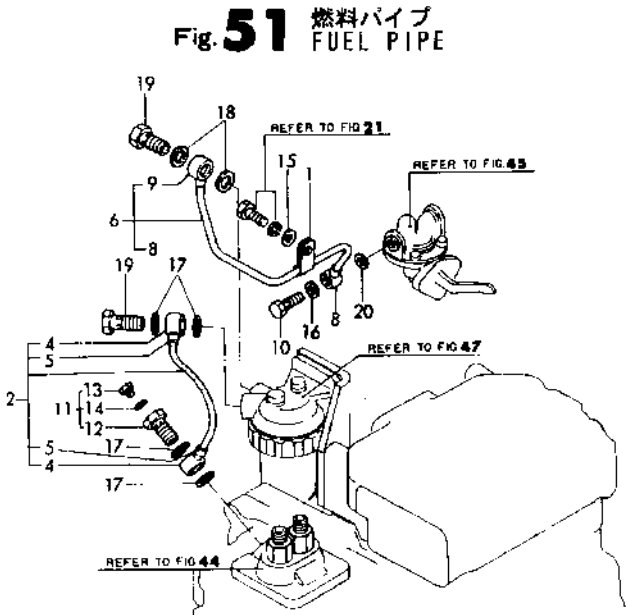


No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	128290-59810	PIPE ASSY, INJECTION					1	1
2	1	128290-59820	PIPE ASSY, INJECTION					1	1
3	1	123372-59100	RETAINER, PIPE					1	1
4	1	121465-59950	BOLT, M6X16					2	2

Fig.51. FUEL LINE

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

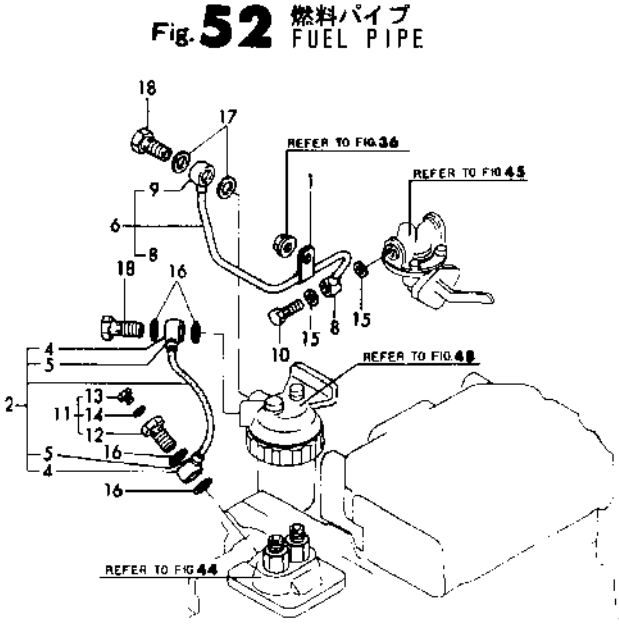


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124450-39240	RETAINER, PIPE	1	1	1	1				
2	1	128270-59011	PIPE ASSY, FUEL	1	1	1	1				
4	2	104264-59020	JOINT	2	2	2	2				
5	2	104264-59040	CAP	2	2	2	2				
6	1	128270-59080	PIPE ASSY, FUEL	1	1	1	1				
8	2	135210-39140	JOINT, PIPE	1	1	1	1				
9	2	23341-060000	JOINT, PIPE 6-12	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	43400-500390	SEAL WASHER 6S	1	1	1	1				
15	1	22117-080000	WASHER, 8	1	1	1	1				
16	1	23414-080000	GASKET, 8X1.0	1	1	1	1				
17	1	23414-120000	GASKET, 12X1.0	4	4	4	4				
18	1	23414-120000	GASKET, 12X1.0	2	2	2	2				
19	1	23857-060000	BOLT, JOINT 6	2	2	2	2				
20	1	104884-59170	GASKET	1	1	1	1				

Fig.52. FUEL LINE

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

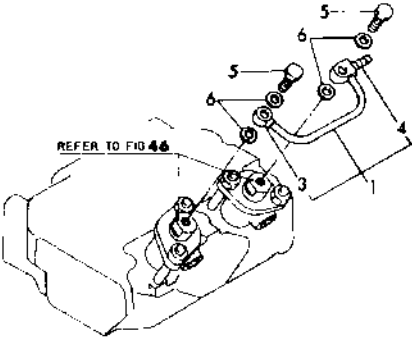
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE



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	128290-59010	PIPE ASSY, FUEL					1	1		
4	2	104264-59020	JOINT					2	2		
5	2	104264-59040	CAP					2	2		
6	1	128290-59080	PIPE ASSY, FUEL					1	1		
8	2	135210-39140	JOINT, PIPE					1	1		
9	2	23341-060000	JOINT, PIPE 6-12					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	43400-500390	SEAL WASHER 6S					1	1		
15	1	23414-080000	GASKET, 8X1.0					2	2		
16	1	23414-120000	GASKET, 12X1.0					4			
16-1	1	23414-120000	GASKET, 12X1.0					2	2	K	
(E=EXXX)											
17	1	23414-120000	GASKET, 12X1.0					2	2		
18	1	23857-060000	BOLT, JOINT 6					2	2		

Fig.53. FUEL RETURN LINE

Fig.53 燃料戻しパイプ
FUEL RETURN PIPE



(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

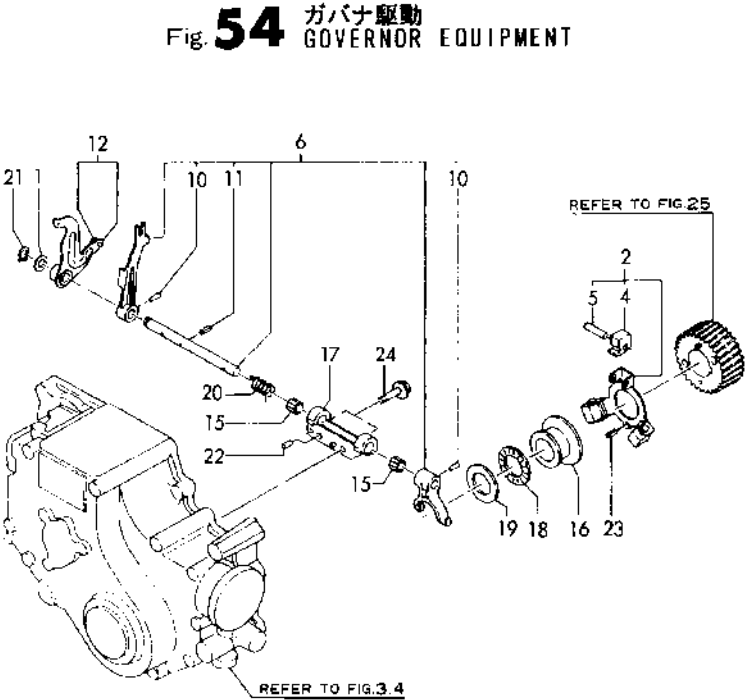
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	105311-59500	PIPE ASSY, RETURN	1	1	1	1	1	1		
3	2	103288-39170	JOINT, PIPE	1	1	1	1	1	1		
4	2	124790-59530	JOINT	1	1	1	1	1	1		
5	1	101147-59810	BOLT, PIPE JOINT M8	2	2	2	2	2	2		
6	1	23414-080000	GASKET, 8X1.0	4	4	4	4	4	4		

Fig.54. GOVERNOR DRIVING

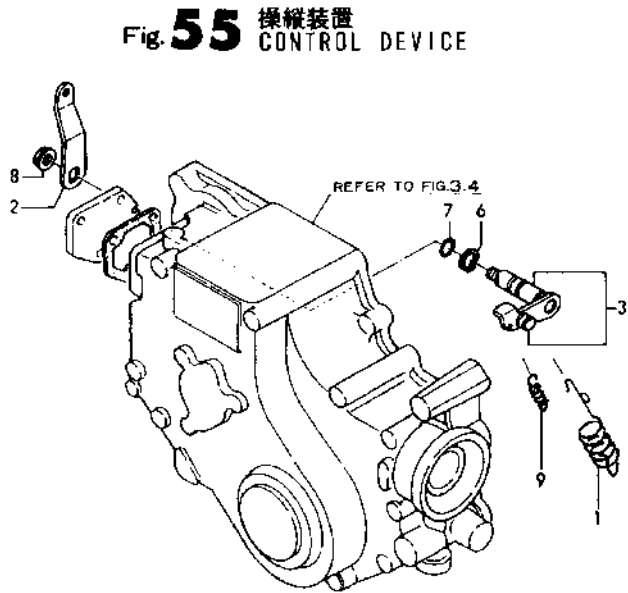
(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE



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			N
(A=E08741)				(C=E08741)			(D=E08741)			(E=E08720)	
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			N
(A=E21282)				(C=E01589)			(D=E02164)			(E=E21291)	
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		

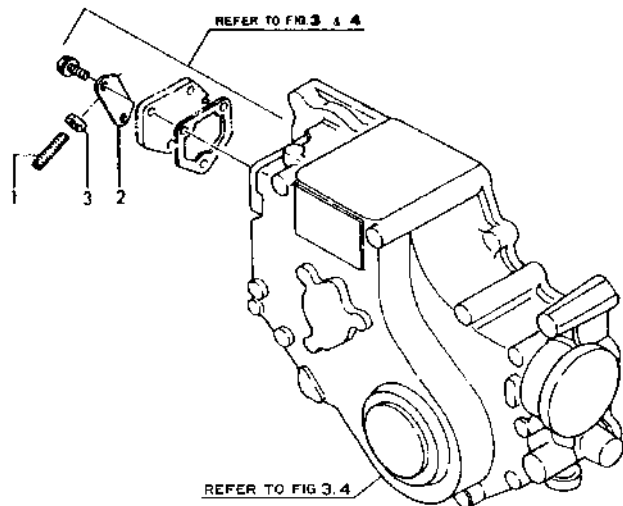
Fig.55. CONTROL DEVICE



(A)=2GM20
(B)=2GM20VE
(C)=2GM20B
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-66010	SPRING, REGULATOR	1	1	1	1	1	1		
2	1	121575-66051	HANDLE, REGULATOR	1	1	1	1	1	1		
3	1	121000-66090	LEVER ASSY,REGULATOR	1	1	1	1	1	1		
6	1	22242-000120	RING, 12	1	1	1	1	1	1		
7	1	24311-000090	O-RING, 1AP9.0	1	1	1	1	1	1		
8	1	26366-080002	NUT, M8	1	1	1	1	1	1		
9	1	121575-66200	SPRING, REGULATOR	1	1	1	1	1	1		

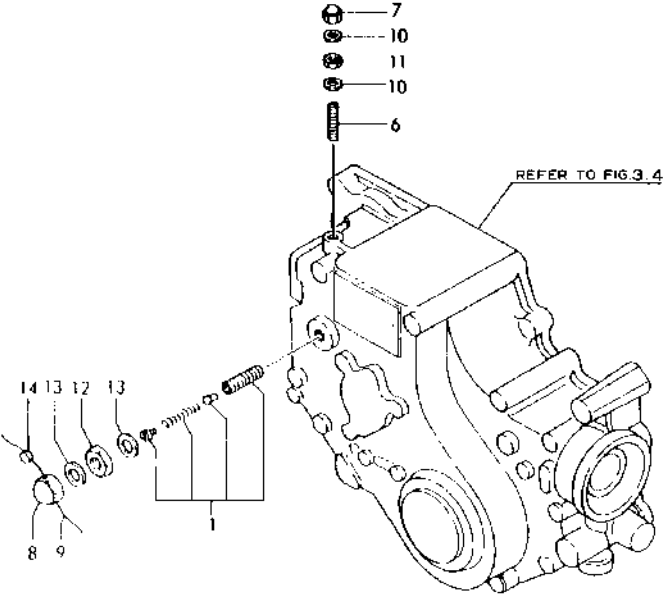
Fig. 56 アイドルアジャスタ
IDLE ADJUSTER



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.57. FUEL CONTROL DEVICE

Fig.57 燃料制限装置
FUEL CONTROL DEVICE



(A)=2GM20
(B)=2GM20VE
(C)=2GM20B
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

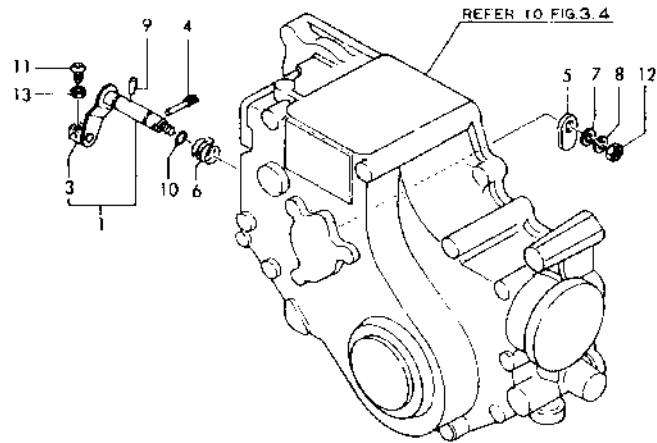
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-66550	LIMITER ASSY, FUEL	1	1	1	1	1	1		
6	1	121575-66800	SCREW	1	1	1	1	1	1		
7	1	128170-66870	NUT, CAP M6	1	1	1	1	1	1		
8	1	128170-66880	NUT, CAP M12	1	1	1	1	1	1		
9	1	22451-100000	WIRE, 1.0	1	1	1	1	1	1		
10	1	23414-060000	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.58. ENGINE STOP DEVICE

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

Fig.58 機関停止装置
ENGINE STOP DEVICE



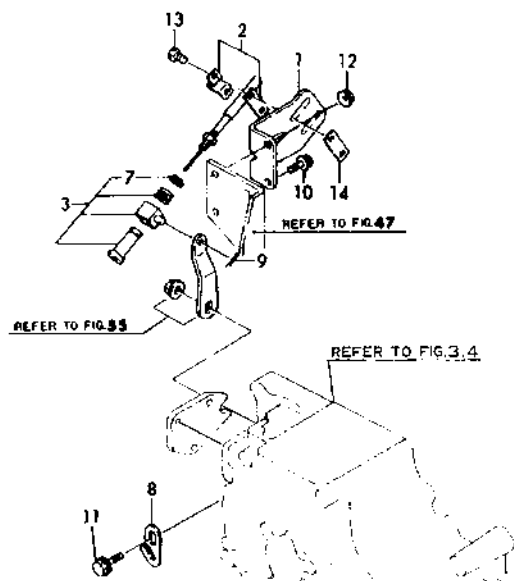
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121575-66510	LEVER ASSY, STOP	1	1	1	1	1	1		
3	2	104211-03770	RETAINER	1	1	1	1	1	1		
4	1	124250-03640	SCREW	1	1	1	1	1	1		
5	1	121575-66550	CAM	1	1	1	1	1	1		
6	1	121575-66580	SPRING, RETURN	1	1	1	1	1	1		
7	1	22117-060000	WASHER,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

Fig.59. SPEED REMOTE CONTROL

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

Fig. 59 **スピードリモコン**
SPEED REMOTE CONTROL



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-67100	BRACKET, CABLE	1	1	1	1				
2	1	41710-000410	CLAMP	1	1	1	1				
3	1	105311-67200	RETAINER ASSY	1	1	1	1				
7	2	22242-000100	RING, 10	1	1	1	1				
8	1	121575-67580	BRACKET, CABLE	1		1	1				
8-1	1	121575-67581	BRACKET, CABLE	1		1	1				N
(A=E21167)			(C=E01588)	(D=E02119)							
9	1	22414-250150	PIN, COTTER 2.5X15	1		1	1				
9-1	1	22360-080000	SNAP PIN 8	1		1	1				N
(A=E15875)			(C=E01016)	(D=E01414)							
10	1	26106-060102	BOLT, M6X 10 PLATED	1	1	1	1				
11	1	26106-060122	BOLT, M6X 12 PLATED	1	1	1	1				
12	1	26366-060002	NUT, M6	1	1	1	1				
13	1	26557-050122	SCREW, M5X12	2	2	2	2				
14	1	121574-86320	RETAINER	1	1	1	1				

Fig.61. HAND START

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

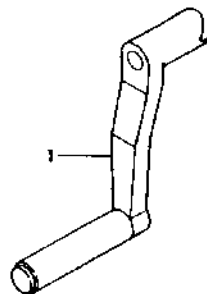
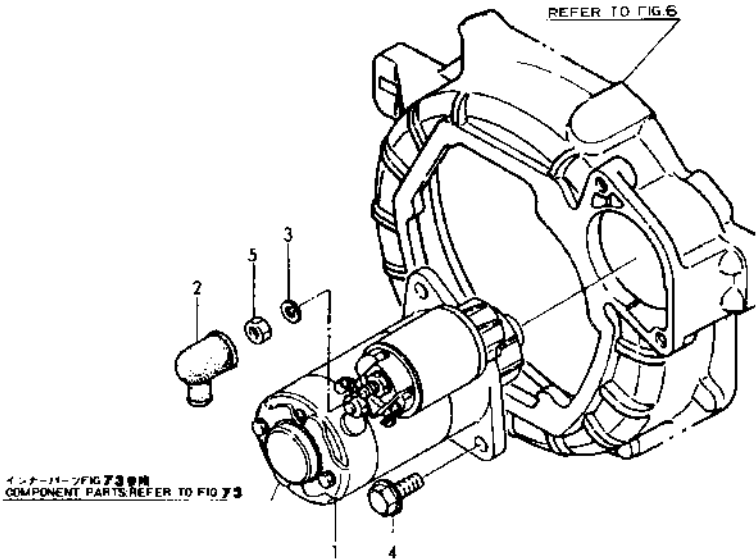
[illegible]

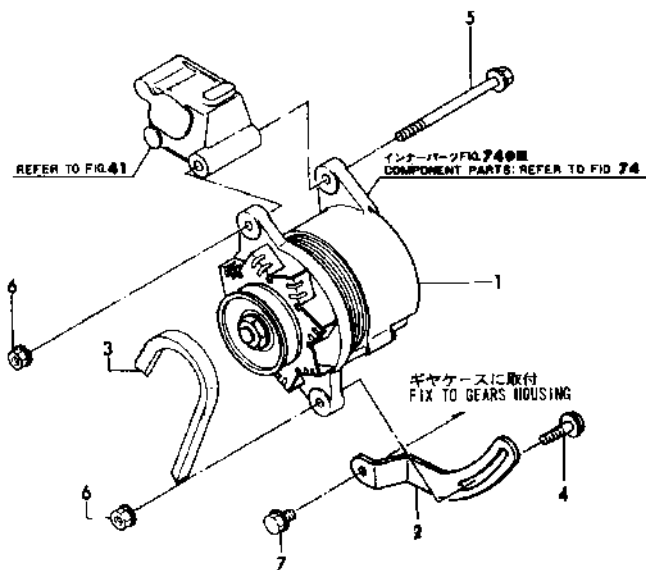
Fig.62 スターティングモータ
STARTING MOTOR



OCF10-M50502 Fig.62
(A)=2GM20 (D)=2GM20C
(B)=2GM20VE (E)=2GM20F
(C)=2GM20B (F)=2GM20FVE

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. **63** ジェネレータ
GENERATOR



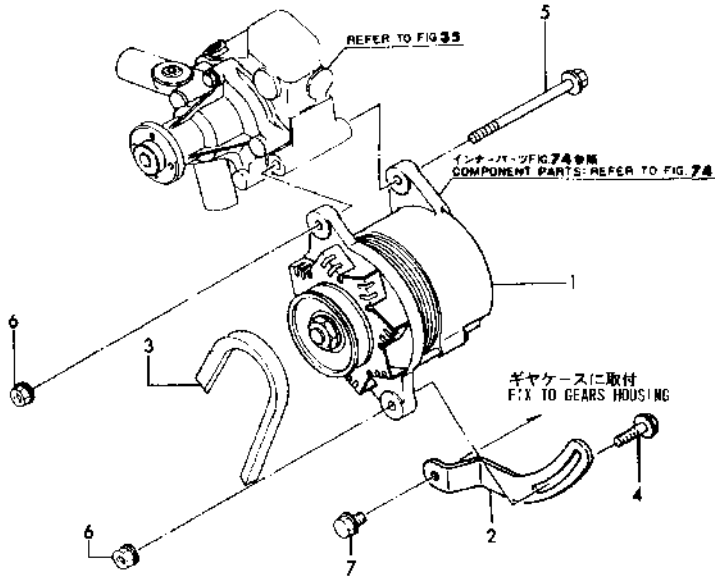
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129772-77200	GENERATOR(12V-55A)	1	1	1	1				
2	1	128271-77330	ADJUSTER	1	1	1	1				
3	1	128670-77350	V-BELT, A31	1	1	1	1				
4	1	26106-080302	BOLT, M8X 30 PLATED	1	1	1	1				
5	1	128271-77340	BOLT, M8X120	1	1	1	1				
6	1	26366-080002	NUT, M8	2	2	2	2				
7	1	26106-100162	BOLT, M10X 16 PLATED	1		1	1				Z
		(A=E00637)	(C=E00140)	(D=E00192)							

Fig.64. GENERATOR

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

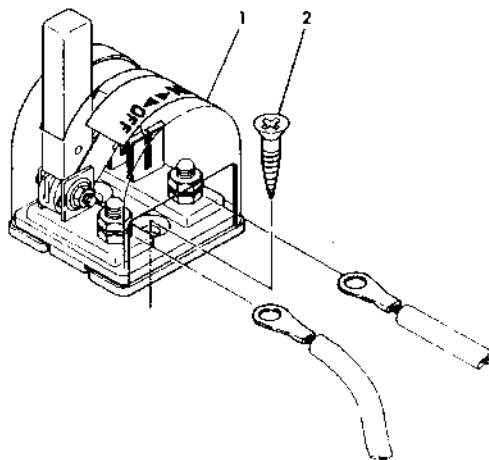
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

Fig. **64** 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=E00827)											

Fig. 65 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
2	1	22724-800380	SCREW, 8.0X38	2	2	2	2	2	2		1

Remarks
1)OPTIONAL FOR 2GM20,2GM20VE,
2GM20C,2GM20F,2GM20FVE.

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

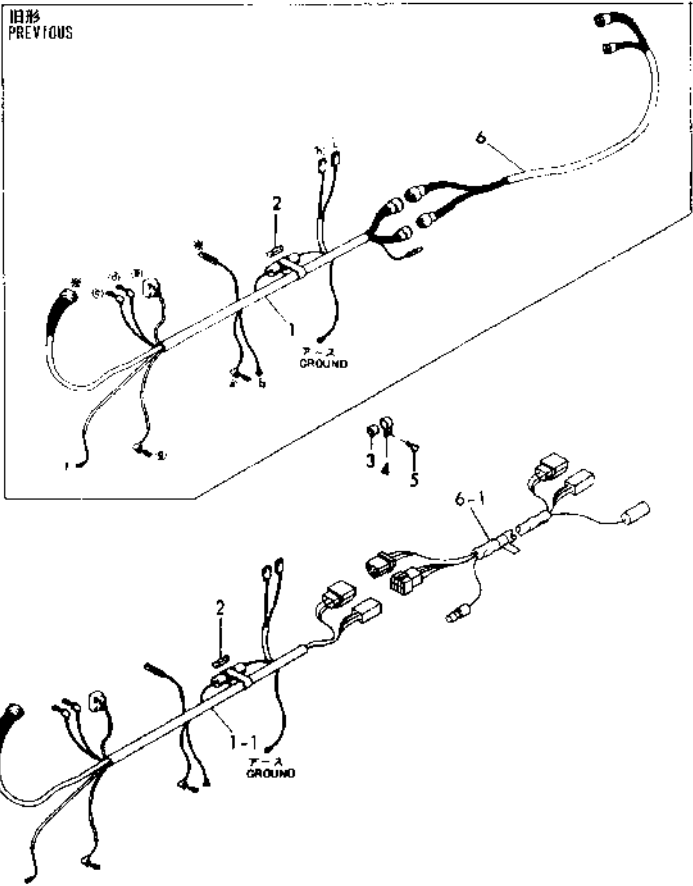
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Fig.66. WIRE HARNESS

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

Fig.66 ワイヤハーネス
WIRE HARNESS



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=E21167) (C=E01588) (D=E02119) (E=E21137)											
1-2	1	128271-77921	HARNESS, WIRE	1		1	1	1		N	
(A=E21404) (C=E01589) (D=E02165) (E=E21406)											
1-3	1	128271-77921	HARNESS, WIRE	1	1	1	1	1	1		
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		S	
(A=E21404) (C=E01589) (D=E02165) (E=E21406)											

Fig.67. CLUTCH

Fig. **67** クラッチ
CLUTCH

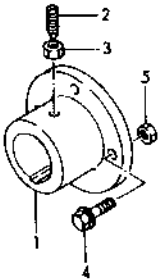
イラスト ナシ
NOT ILLUSTRATED.

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128171-81010	CLUTCH ASSY, 2.21	1		1		1			
1-1	1	128171-81110	CLUTCH ASSY, 2.21	1		1		1		N	
(A=E03567)				(E=E03567)							
2	1	128171-81020	CLUTCH ASSY, I=2.62	1		1		1			
2-1	1	128171-81120	CLUTCH ASSY, I=2.62	1		1		1		N	
(A=E03567)				(E=E03567)							
3	1	128171-81030	CLUTCH ASSY, I=3.22	1		1		1			
3-1	1	128171-81130	CLUTCH ASSY, I=3.22	1		1		1		N	
(A=E03567)				(E=E03567)							
4	1	128371-81050	DISK, DAMPER D170	1		1		1			
4-1	1	177070-03501	DISK, DAMPER D170	1		1		1		N	
(A=E17927)				(E=E17887)							
5	1	26013-080142	BOLT, M8X 14	6	6	6		6	6		
6	1	26106-080452	BOLT, M8X 45 PLATED	8		8		8			
6-1	1	26106-080652	BOLT, M8X 65 PLATED			8				S	
				(C=E00126)							
6-2	1	26106-080452	BOLT, M8X 45 PLATED			8				S	
				(C=E00235)							
7	1	128171-81150	SPACER, CLUTCH			1				W	
				(C=E00126)							
7-1	1	128171-81150	SPACER, CLUTCH			1				Z	
				(C=E00235)							
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.69. TAPER COUPLING

Fig. **69** テーパーカップリング
TAPER COUPLING



(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

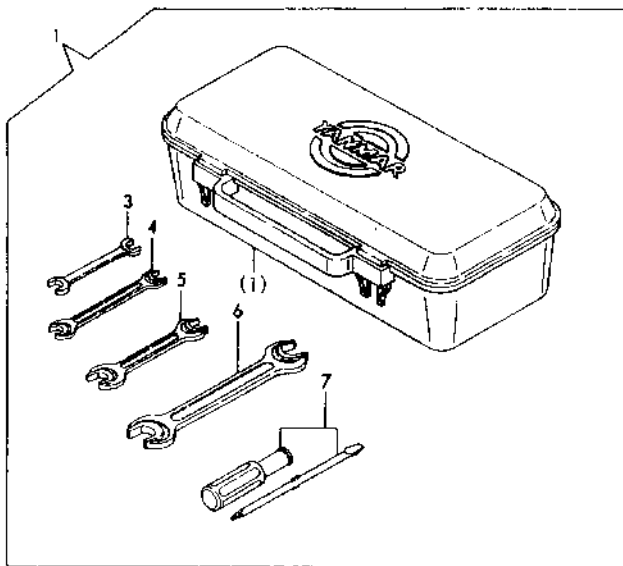
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

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=E01569)			1				N	1
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 2GM20 & 2GM20VE

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. 72 工具
TOOL



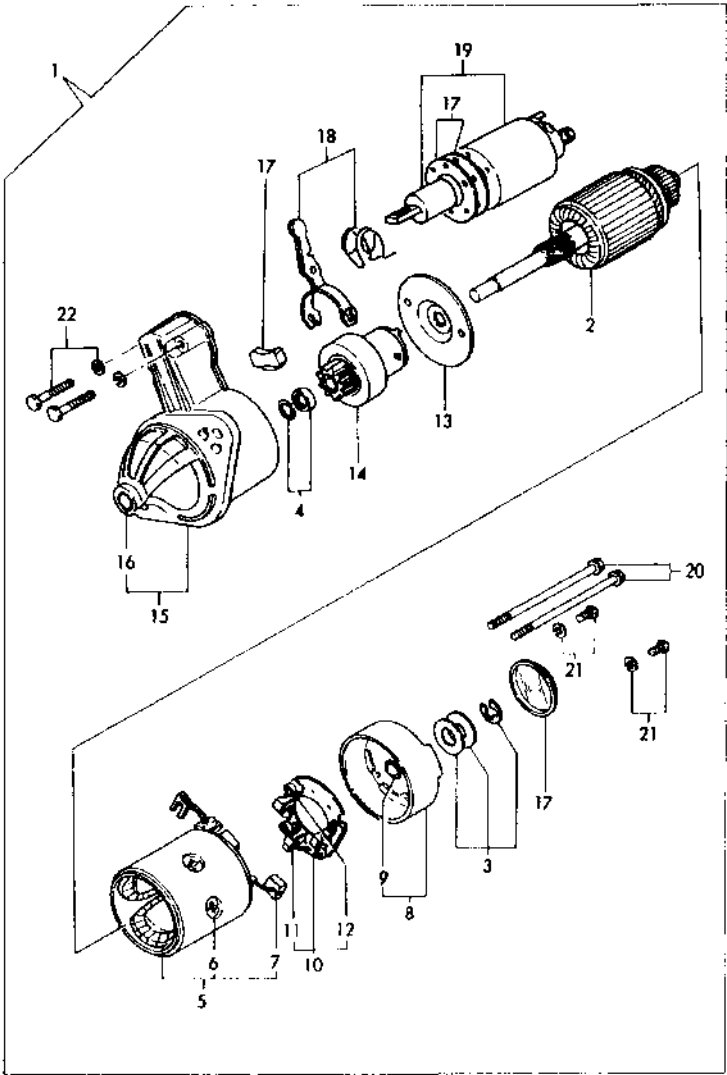
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	704507-92100	BOX ASSY, TOOL	1	1	1	1	1	1		
3	2	28110-100130	SPANNER, 10X13	1	1	1	1	1	1		
4	2	28110-120140	SPANNER, 12X14	1	1	1	1	1	1		
5	2	28110-170190	SPANNER, 17X19	1	1	1	1	1	1		
6	2	28110-220240	SPANNER, 22X24	1	1	1	1	1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

Fig.73. STARTING MOTOR COMPONENT PART

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

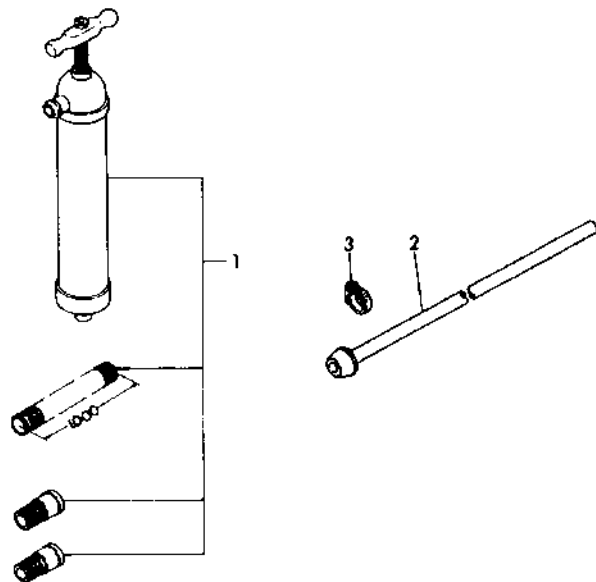
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

Fig.73 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	X21145314	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	X21145661	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		

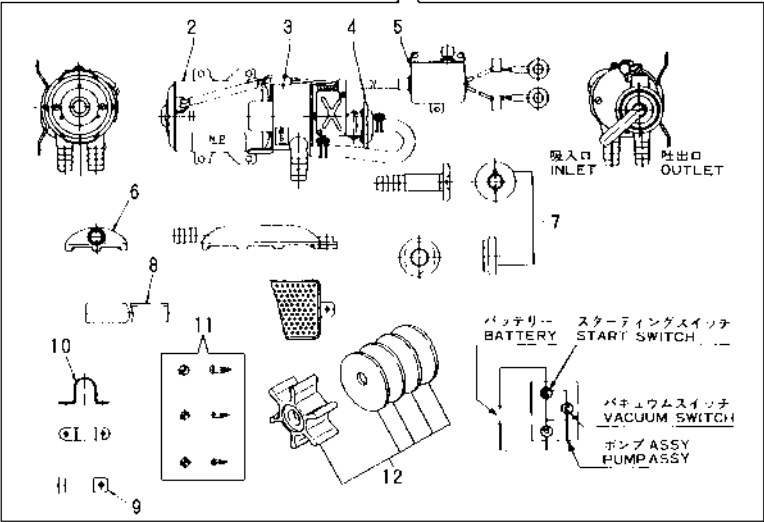
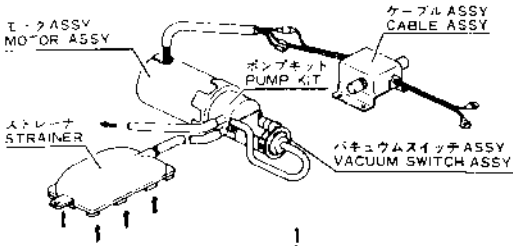
Fig. 77 潤滑油排油ポンプ(オプション)
LUB. OIL WASTE PUMP (OPTIONAL)



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.78. ELECTRIC BILGE PUMP(12,OPTIONA

P/C NEWS No:Y00F5052-4
PUBLISHED:2004/7



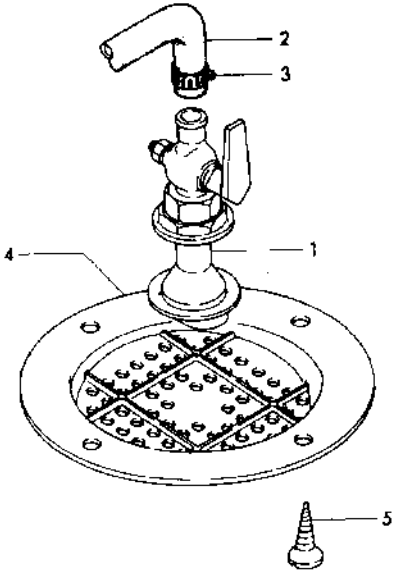
(A)=2GM20 (D)=2GM20C
(B)=2GM20VE (E)=2GM20F
(C)=2GM20B (F)=2GM20FVE

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.79. KINGSTON COCK(OPTIONAL)

Fig.79 キングストンコック (オプション)
KINGSTON COCK (OPTIONAL)

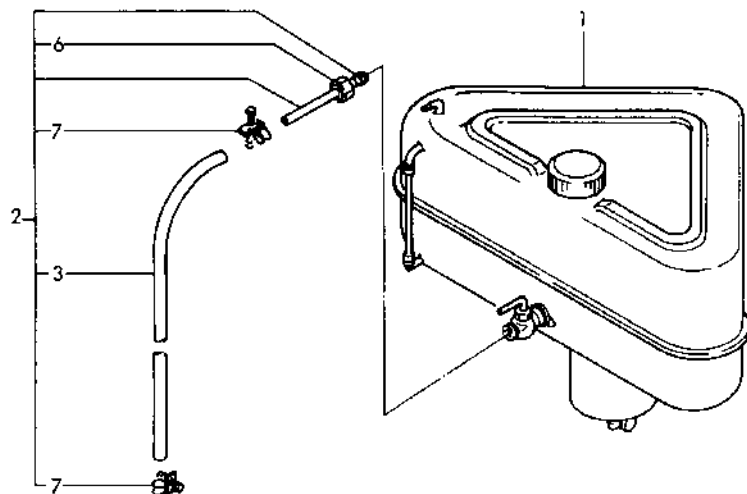


(A)=2GM20
(B)=2GM20VE
(C)=2GM20B
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

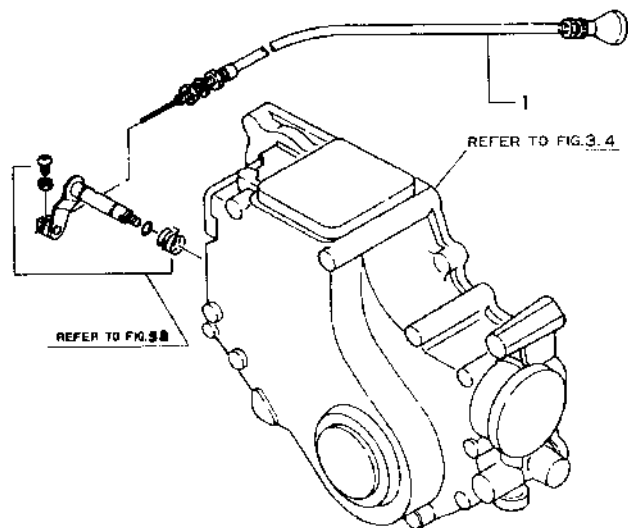
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	43662-015020	COCK					1	1		
2	1	124223-49050	PIPE, WATER					1	1		
3	1	23000-025000	CLAMP, 25					2	2		
4	1	43666-020951	COVER, STRAINER					1	1		
5	1	22724-800380	SCREW, 8.0X38					4	4		

Fig.80. FUEL TANK(OPTIONAL)

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE



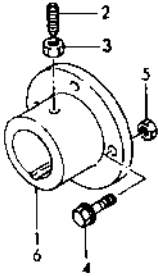
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	83213-003012	TANK (30L), FUEL	1	1	1	1	1	1		
2	1	124070-59060	PIPE ASSY, FUEL	1	1	1	1	1	1		
3	2	124070-59130	PIPE, FUEL 2M	1	1	1	1	1	1		
6	2	138603-59380	CAP NUT	1	1	1	1	1	1		
7	2	23010-014000	CLAMP, 14	2	2	2	2	2	2		



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	104271-67550	CABLE, STOP L=3000	1	1	1	1	1	1		

Fig.82. TAPER COUPLING(OPTIONAL)

Fig.82 テーパーカップリング(オプション)
TAPER COUPLING (OPTIONAL)



(A)=2GM20
(B)=2GM20VE
(C)=2GM20B
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

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
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	4		
5	1	26706-100002	NUT, M10	4	4			4	4		
6	1	48110-025063	COUPLING, TAPER 25	1				1		W	1
(A=E12944)				(E=E12988)							

Remarks
1)SELECT PART.

Fig.83. COUPLING(OPTIONAL)

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

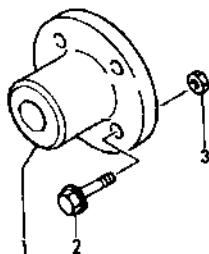


Fig.84. STRAIGHT COUPLING(OPTIONAL)

Fig. 84 ストレートカップリング(オプション)
STRAIGHT COUPLING (OPTIONAL)

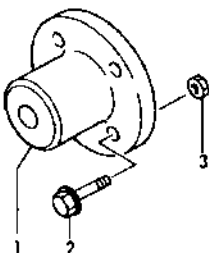
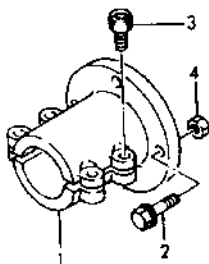
[illegible]

Fig.85. SLIT COUPLING(OPTIONAL)

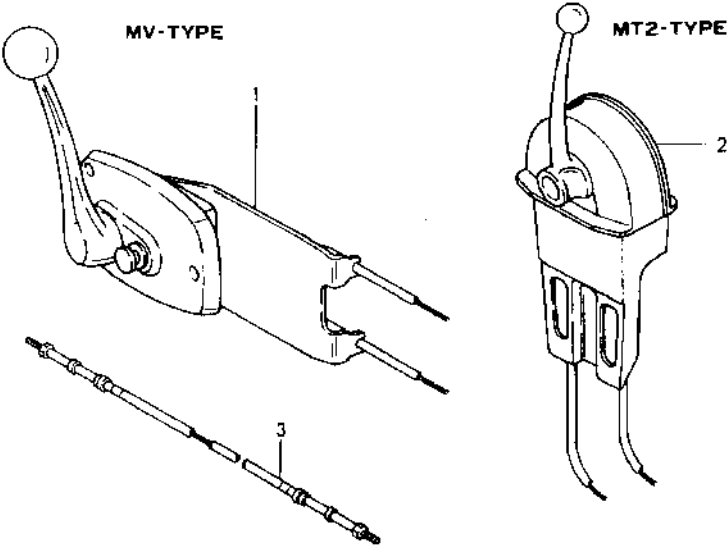
Fig. 85 スリットカップリング(オプション)
SLIT COUPLING (OPTIONAL)



No.	Lev.	Parts No.	Description	(A)=2GM20 (B)=2GM20VE (C)=2GM20B		(D)=2GM20C (E)=2GM20F (F)=2GM20FVE				I	R
				(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.86. SINGLE LEVER CONTROL(OPTIONAL)

Fig.86 シングルレバーコントロール(オプション)
SINGLE LEVER CONTROL(OPTIONAL)



(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

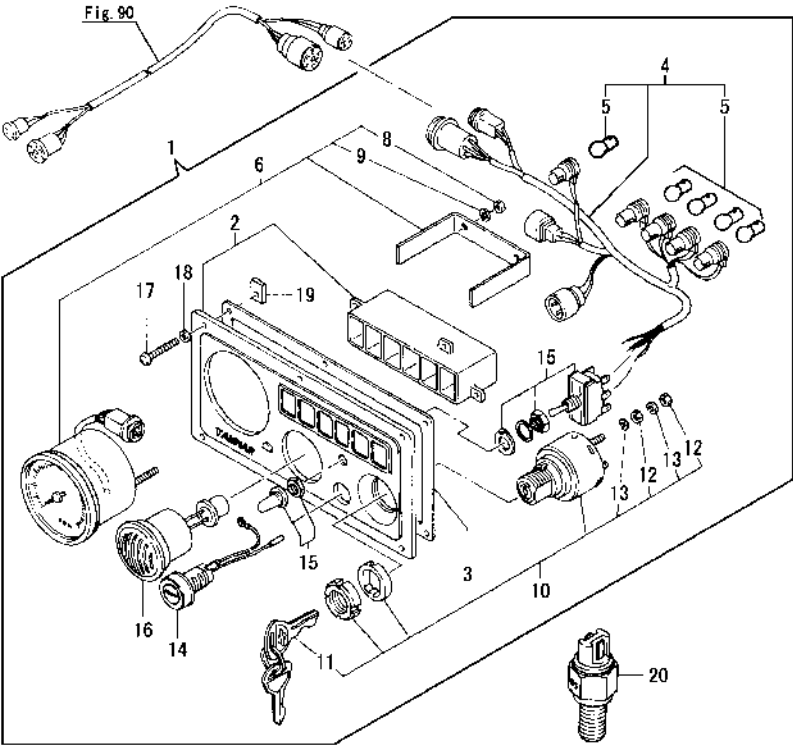
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

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

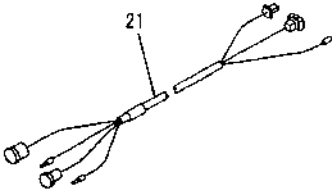
Fig.87. PANEL(B-TYPE)(OPTIONAL)

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE



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

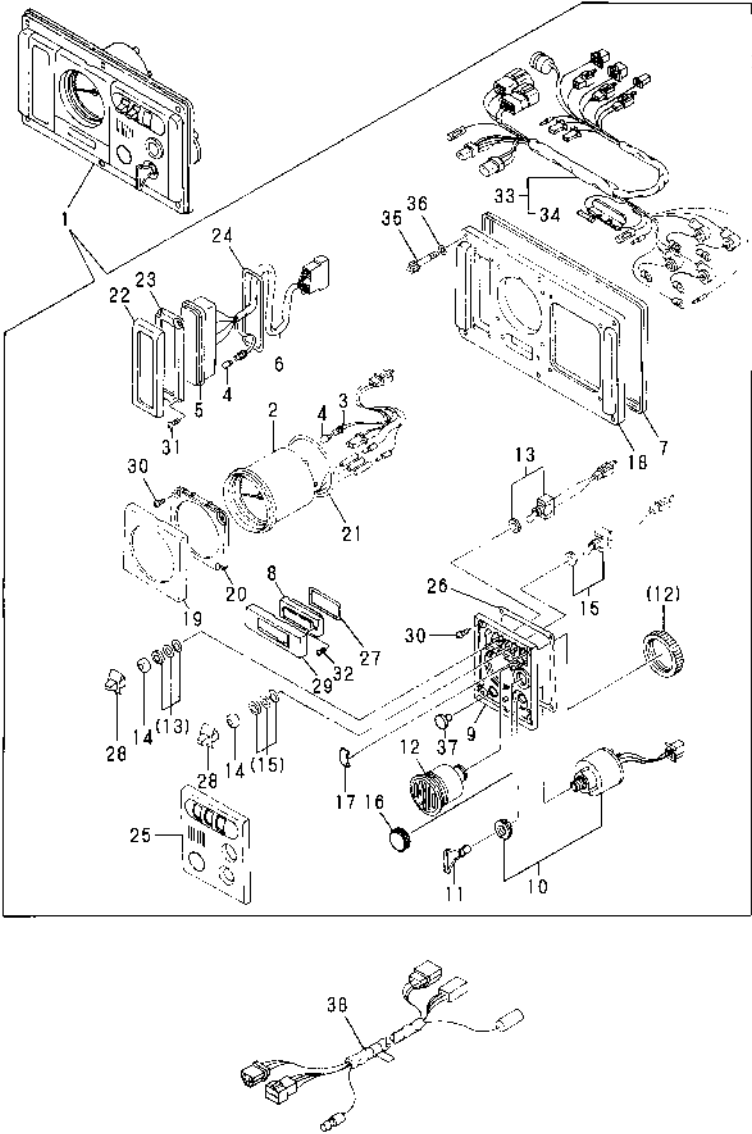


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128170-91001	PANEL, INSTRUMENT	1	1	1	1	1	1		
2	2	128170-91010	BODY, PANEL	1	1	1	1	1	1		
3	2	128170-91020	GASKET	1	1	1	1	1	1		
4	2	128170-91031	HARNESS, WIRE	1	1	1	1	1	1		
5	3	46150-001110	BULB(12V3W/G11.BA9S)	4	4	4	4	4	4		
6	2	128170-91100	TACHOMETER	1	1	1	1	1	1		
7	3	46150-001110	BULB(12V3W/G11.BA9S)	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			W
(A=E21167)				(C=E01588)		(D=E02119)		(E=E21137)			

Fig.88. PANEL(B-TYPE,NEW,OPTIONAL)

P/C NEWS №:Y00F5052-3
PUBLISHED: 2003/7

Fig.88 計器盤 (Bタイプ, 新形, オプション)
INSTRUMENT PANEL (B-TYPE, NEW, OPTIONAL)



Remarks
(1)FOR 2GM20B TYPE NEW PANEL
(E/#01588)
(M)MISPRINT:REFER TO THE NEXT ITEM.

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B
(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

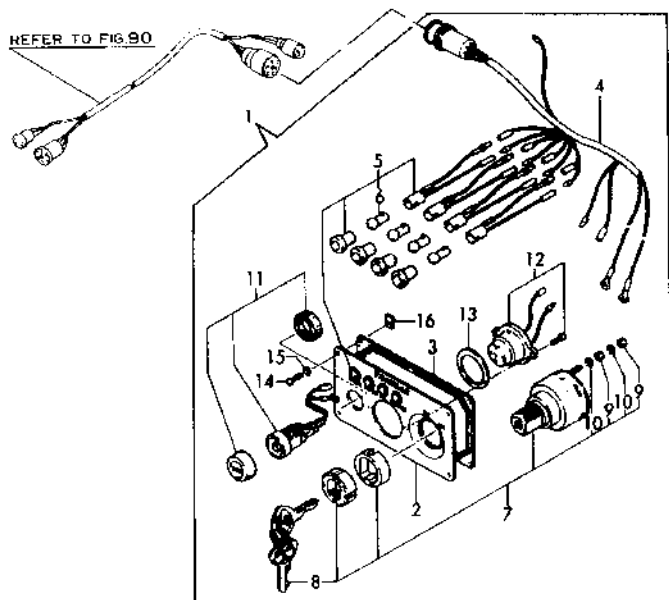
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128391-91130	PANEL ASSY, INSTRUM				1				1
2	2	128391-91200	METER KIT				1				
3	2	129574-91870	HARNESS, WIRE				1				
4	2	124617-91980	BULB, 12V-1.7W				6				
5	2	119183-91860	WIRE				1				M
5-1	2	128391-91260	BOX				1				
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
(D=*1994.01)											
38	1	128391-77700	HARNESS, WIRE				1				

Fig.89. PANEL(A-TYPE)(OPTIONAL)

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

Fig. 89 計器盤(Aタイプ)(オプション)
PANEL(A-TYPE)(OPTIONAL)



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	HARNESS, 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				Z
			(D=EXXX)								
14	2	128170-91810	SCREW, M5X35				4				
15	2	128170-91820	WASHER, 5				4				
16	2	128170-91830	NUT, M5				4				

Fig.90. EXTENSION WIRE(OPTIONAL)

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

[illegible]

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:Qty Change

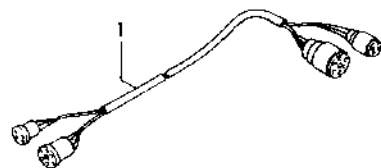
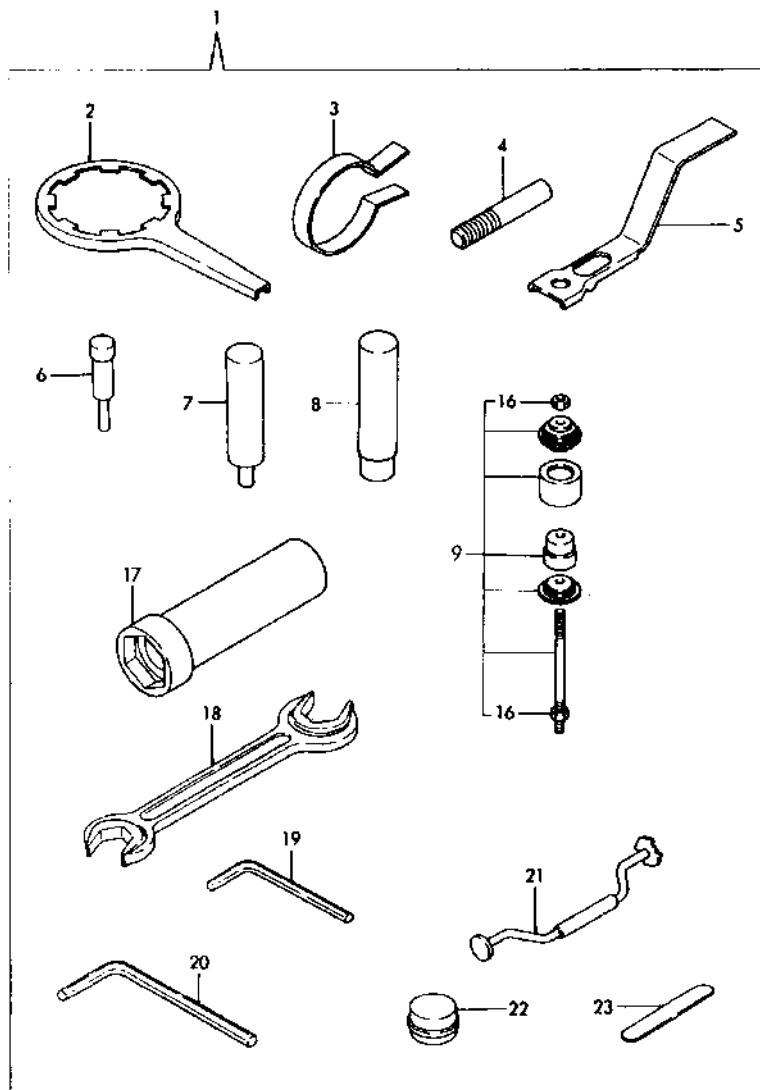


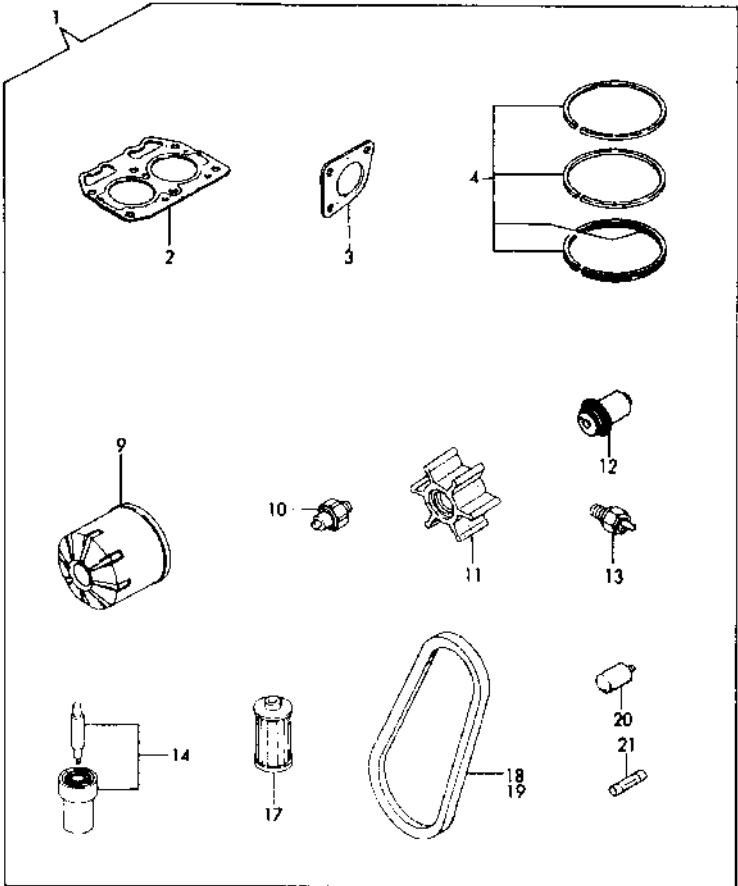
Fig. 91 特殊工具(オプション)
SPECIAL TOOL (OPTIONAL)



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	28312-150750	GAUGE, 0.15X75	1		1	1	1	1		
23-1	2	28312-200750	GAUGE, 0.20X75	1		1	1	1	1		N
(A=E12944)		(C=E00768)		(D=E01081)	(E=E12988)						

Fig.92. REPAIR PART(OPTIONAL)

Fig.92 スペアパーツ (オプション)
REPAIR SET (OPTIONAL)



(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

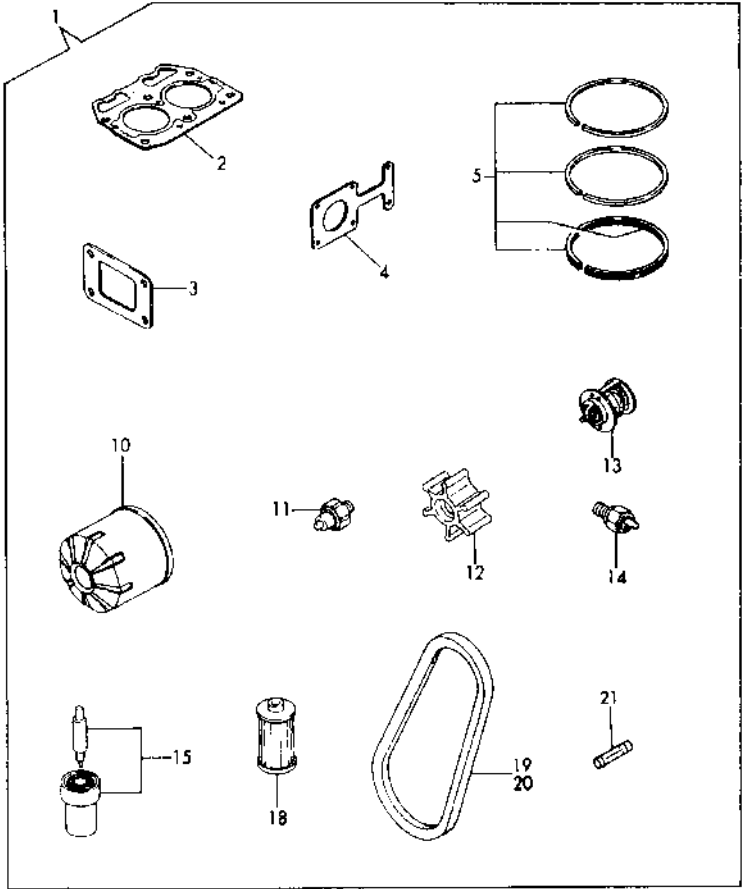
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728271-92500	PARTS KIT, SPARE	1	1	1	1				
2	2	128271-01330	GASKET, HEAD	1		1	1				
2-1	2	128271-01911	GASKET, HEAD	1		1	1				N
(A=E12944)				(C=E00768)		(D=E01081)					
3	2	128170-13200	GASKET	1	1	1	1				
4	2	705311-22500	RING SET, PISTON	2	2	2	2				
9	2	124450-35100	FILTER, OIL	1	1	1	1				
10	2	124060-39451	SWITCH, 0.2KG	1	1	1	1				
11	2	104211-42070	IMPELLER	1	1	1	1				
12	2	105582-49200	THERMOSTAT	1	1	1	1				
13	2	128275-91340	SWITCH, 65	1	1	1	1				
14	2	124770-53000	VALVE ASSY,INJECTION	2	2	2	2				
17	2	104500-55710	ELEMENT	1	1	1	1				
18	2	104511-78780	V-BELT, M/19	1	1	1	1				
19	2	128670-77350	V-BELT, A31	1	1	1	1				
20	2	27210-200300	ZINC, SCREW20X30	2	2	2	2				
21	2	46150-003680	FUSE 30A	1	1	1	1				

Fig.93. REPAIR PART(OPTIONAL)

(A)=2GM20
(B)=2GM20VE
(C)=2GM20B

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

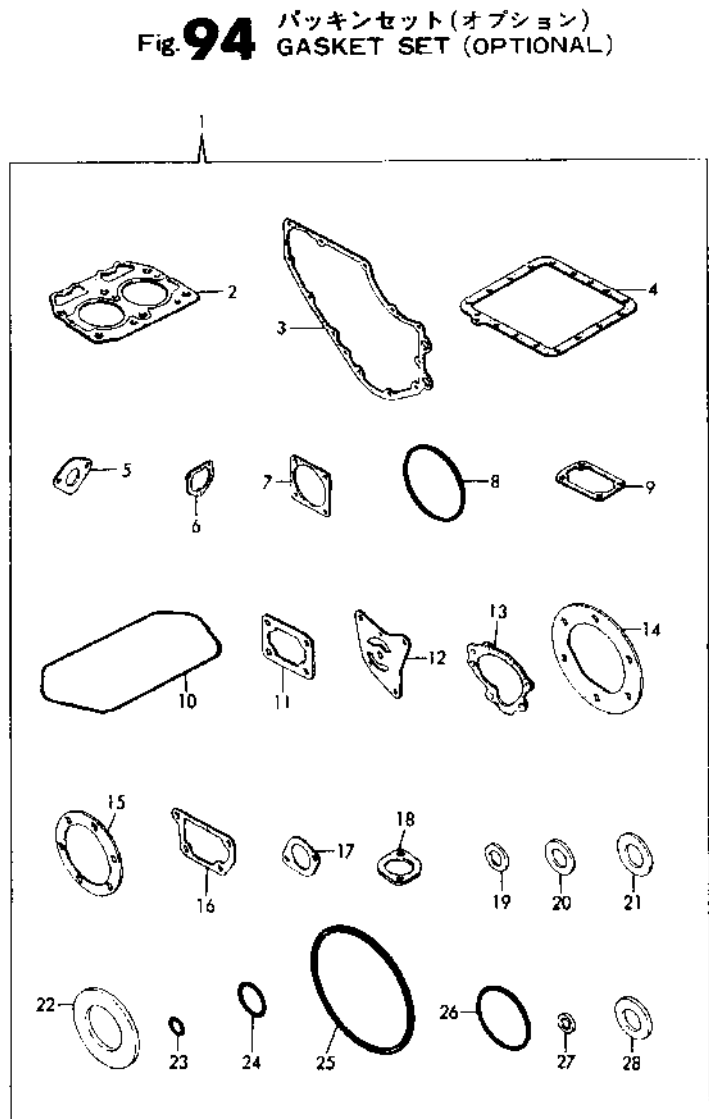
Fig. **93** スペアパーツ(オプション)
REPAIR SET (OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728291-92500	PARTS KIT, SPARE					1	1		
2	2	128271-01330	GASKET, HEAD					1			
2-1	2	128271-01911	GASKET, HEAD					1		N	
(E=E08127)											
3	2	128370-13200	GASKET					1			
3-1	2	128370-13201	GASKET					1		N	
(E=E17941)											
4	2	128290-13250	GASKET					1			
4-1	2	128290-13251	GASKET					1		N	
(E=E17941)											
5	2	705311-22500	RING SET, PISTON					2	2		
10	2	124450-35100	FILTER, OIL					1			
10-1	2	119660-35150	FILTER, LUB. OIL					1		N	
(E=E17887)											
10-2	2	119305-35151	FILTER ASSY, D68XL65					1		N	
(E=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					2	2		
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.94. GASKET SET(OPTIONAL)

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

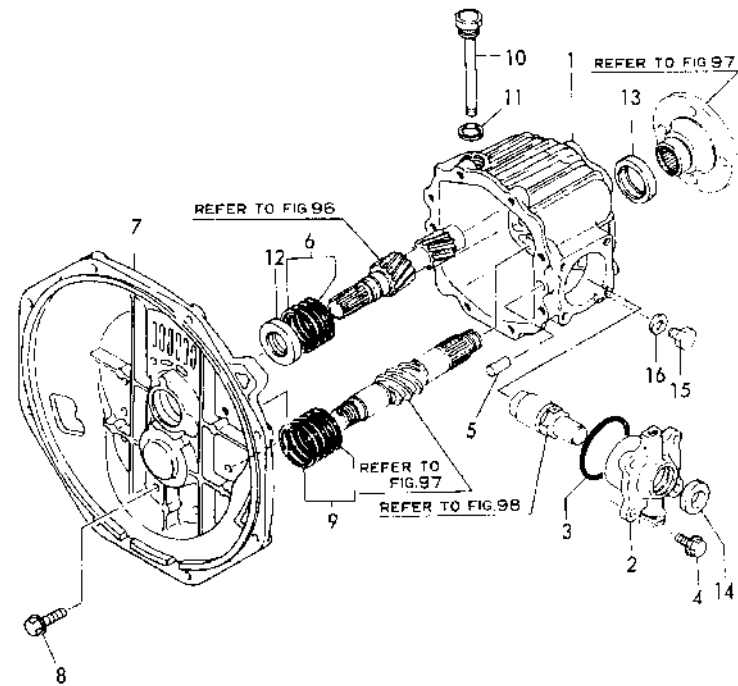


No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	728271-92600	GASKET SET	1	1	1	1	1	1			
2	2	128271-01330	GASKET, HEAD	1		1	1	1	1			
2-1	2	128271-01911	GASKET, HEAD	1		1	1	1	1		N	
		(A=EXXX)	(C=EXXX)	(D=EXXX)	(E=EXXX)							
3	2	121575-01510	GASKET, GEAR CASE	1	1	1	1	1	1	1		
4	2	124000-01750	GASKET, OIL SUMP	1	1	1	1	1	1	1		
5	2	121520-01850	GASKET	1	1	1	1	1	1	1		
6	2	121575-01860	GASKET	1	1	1	1	1	1	1		
7	2	124240-01882	GASKET	1	1	1	1	1	1	1		
7-1	2	124240-01883	GASKET	1	1	1	1	1	1	1	N	
		(A=EXXXXX)	(B=EXXXXX)	(C=EXXXXX)	(D=EXXXXX)	(E=E16283)		(F=EXXXXX)				
7-2	2	129C26-01890	GASKET, HO-P	1	1	1	1	1	1	1	R	
		(A=EXXXXX)	(B=EXXXXX)	(C=EXXXXX)	(D=EXXXXX)	(E=EXXXXX)		(F=EXXXXX)				
8	2	105225-02040	GASKET	1		1	1	1	1			
8-1	2	105225-02020	O-RING	1		1	1	1	1		R	
		(A=E12944)	(C=E00768)	(D=E01081)	(E=E12988)							
9	2	121000-03070	GASKET	1	1	1	1	1	1	1		
10	2	128270-11310	GASKET, BONNET	1	1	1	1	1	1	1		
11	2	121450-11680	GASKET	1	1	1	1	1	1	1		
12	2	121450-32021	GASKET, PUMP	1	1	1	1	1	1	1		
13	2	121000-42051	GASKET, WATER PUMP	1	1	1	1	1	1	1		
14	2	104211-42090	GASKET	1	1	1	1	1	1	1		
15	2	124223-42110	GASKET, WATER PUMP	1	1	1	1	1	1	1		
16	2	121450-44410	GASKET	1	1	1	1	1	1	1		
17	2	104211-49160	GASKET	1	1	1	1	1	1	1		
18	2	129350-49540	GASKET	1		1	1	1	1			
18-1	2	124736-49540	GASKET	1		1	1	1	1		R	
		(A=E12944)	(C=E00768)	(D=E01081)	(E=E12988)							
19	2	23414-080000	GASKET, 8X1.0	20	20	20	20	20	20	20		
20	2	23414-100000	GASKET, 10X1.0	5	5	5	5	5	5	5		
21	2	23414-120000	GASKET, 12X1.0	20	20	20	20	20	20	20		
22	2	23414-250000	GASKET, 25X1.0	5	5	5	5	5	5	5		
23	2	24311-000100	O-RING, 1AP10.0	2	2	2	2	2	2	2		
24	2	24311-000160	O-RING, 1AP16.0	1	1	1	1	1	1	1		
25	2	24311-000700	O-RING, 1AP70.0	2	2	2	2	2	2	2		
26	2	24321-000350	O-RING, 1AG35.0	1	1	1	1	1	1	1		
27	2	43400-500390	SEAL WASHER 6S	2	2	2	2	2	2	2		
28	2	43400-500450	SEAL WASHER 12S	2	2	2	2	2	2	2		

(A)=KM2C
(B)=
(C)=

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

Fig.95 クラッチケース
CLUTCH HOUSING



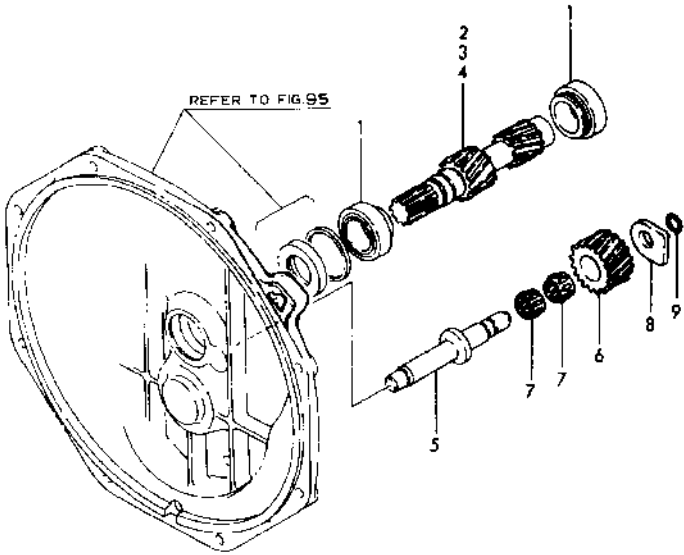
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177088-02011	HOUSING, CLUTCH	1							
2	1	177088-02091	COVER	1							
3	1	24341-000600	O-RING, 1AS60.0	1							
4	1	26016-080202	BOLT, M8X 20	4							
5	1	22312-100160	PIN, PARALLEL M10X16	2							
6	1	177088-02350	SHIM SET	1							
7	1	177088-02033	FLANGE	1							
8	1	26016-080252	BOLT, M8X 25	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 MHS34 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							

Fig.96. INPUT SHAFT & SUPPORT SHAFT

(A)=KM2C
(B)=
(C)=

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

Fig.96 インプットシャフト&サポートシャフト
INPUT SHAFT & SUPPORT SHAFT



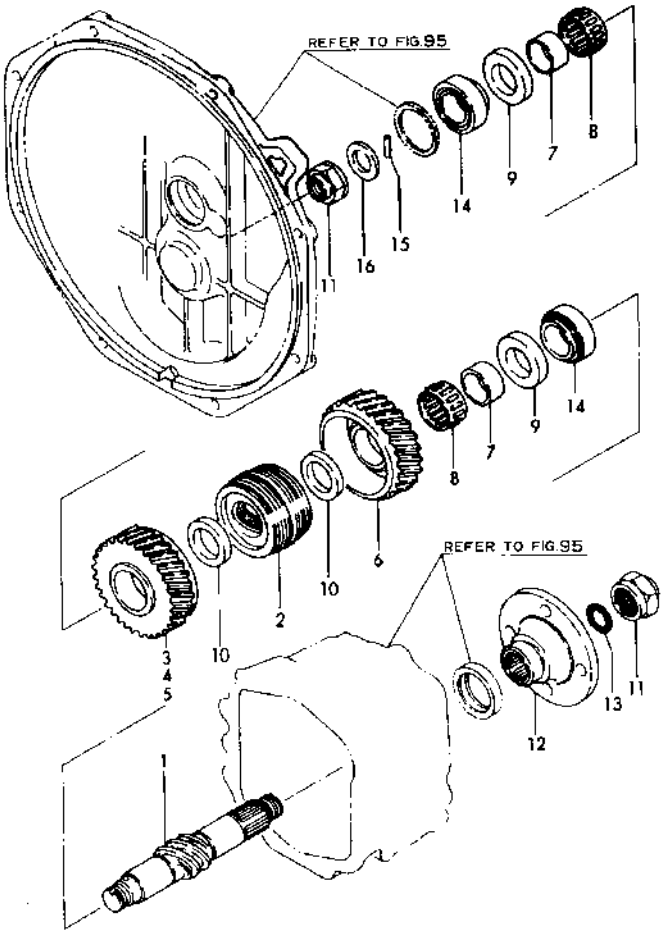
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177088-03400	ROLLER BEARING	2							
2	1	177088-03030	SHAFT, INPUT	1							
3	1	177088-03011	SHAFT, INPUT I=2.62	1							
4	1	177088-03020	SHAFT, INPUT I=3.22	1							
5	1	177088-03301	SHAFT, IDLE	1							
6	1	177088-03311	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.97. OUTPUT SHAFT

(A)=KM2C
(B)=
(C)=

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

Fig.97 アウトプットシャフト
OUTPUT SHAFT



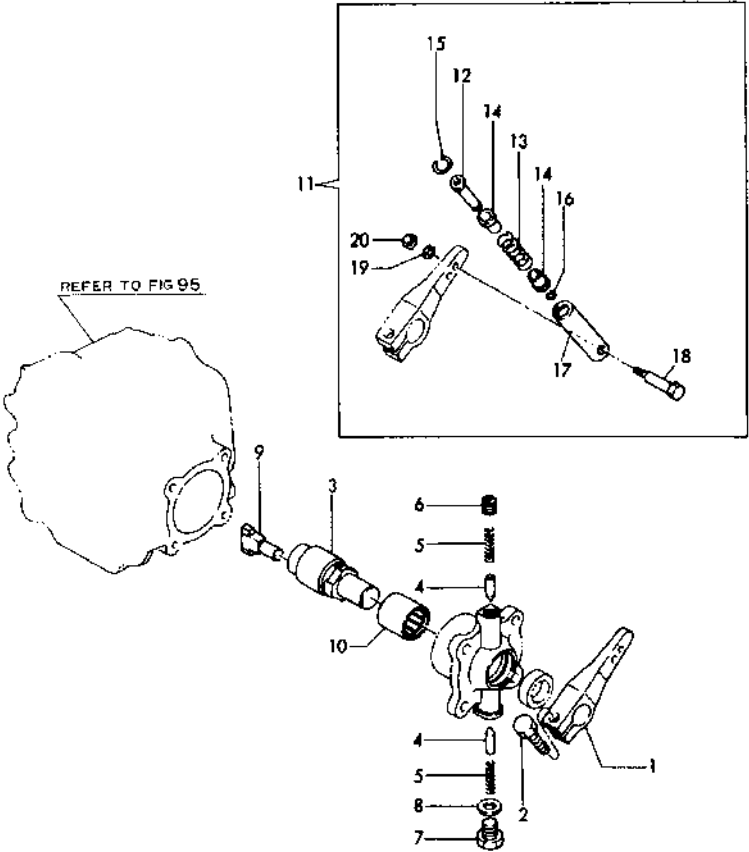
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177088-03091	SHAFT, OUTPUT	1							
2	1	177088-03071	CONE, DRIVE	1							
3	1	177088-03130	GEAR, FORWARD Z=53	1							
4	1	177088-03110	GEAR, FORWARD Z=55	1							
5	1	177088-03120	GEAR, FORWARD Z=58	1							
6	1	177088-03110	GEAR, FORWARD Z=55	1							
7	1	177088-03192	RACE, INNER	2							
8	1	177088-03201	NEEDLE BERG.#K303517	2							
9	1	177088-03232	COLLAR, THRUST	2							
10	1	177088-03252	COLLAR, THRUST	2							
11	1	177088-03272	NUT	2							
12	1	177088-03552	COUPLING	1							
13	1	24311-000180	O-RING, 1AP18.0	1							
14	1	177088-03520	R.BEARING07087/07204	2							
15	1	177088-03290	PIN	1							
16	1	177088-03280	COLLAR, 32D-45T	1							

Fig.98. REMOTE CONTROL DEVICE

(A)=KM2C
(B)=
(C)=

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

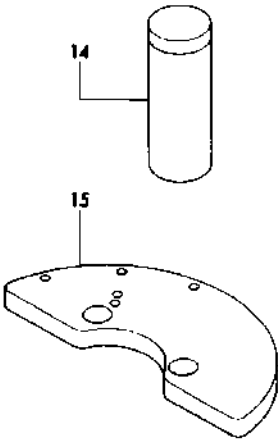
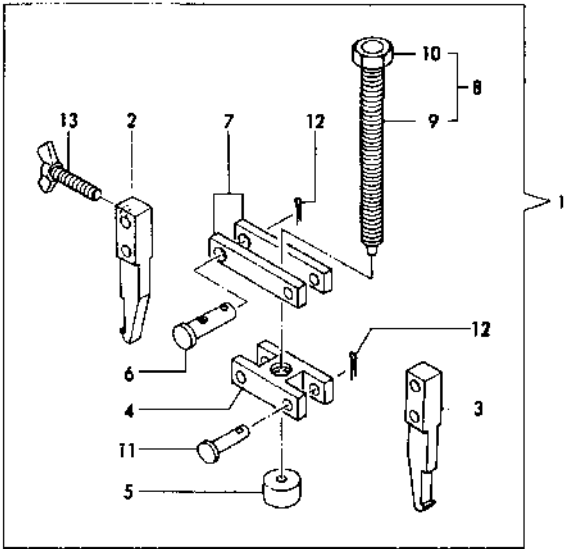
Fig.98 操縦装置
REMOTE CONTORL DEVICE



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.99. TOOL(OPTIONAL)

Fig.99 工具(オプション)
TOOL (OPTIONAL)



(A)=KM2C
(B)=
(C)=
(D)=
(E)=
(F)=

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							

Fig.100. CLUTCH HOUSING

(A)=KM2P
(B)=
(C)=

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

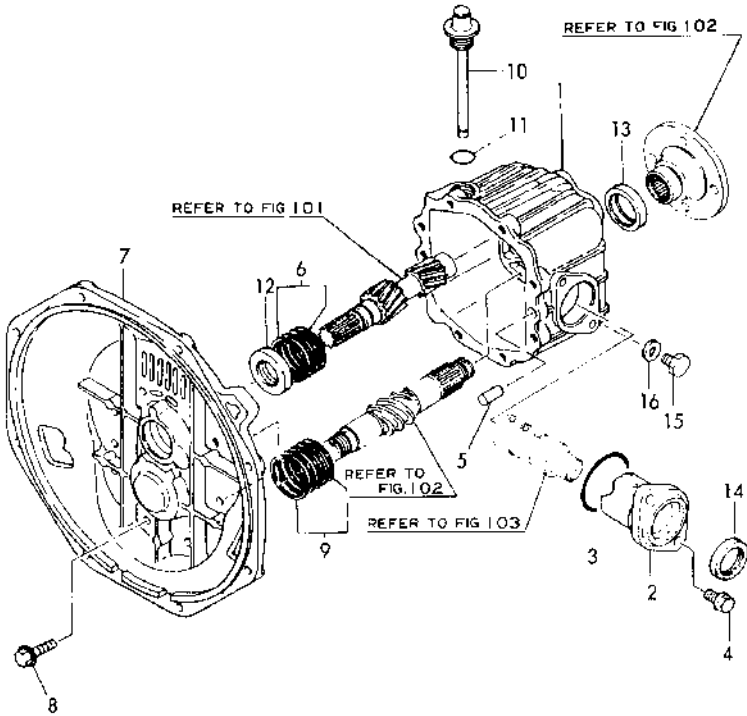


Fig.100 クラッチケース
CLUTCH HOUSING

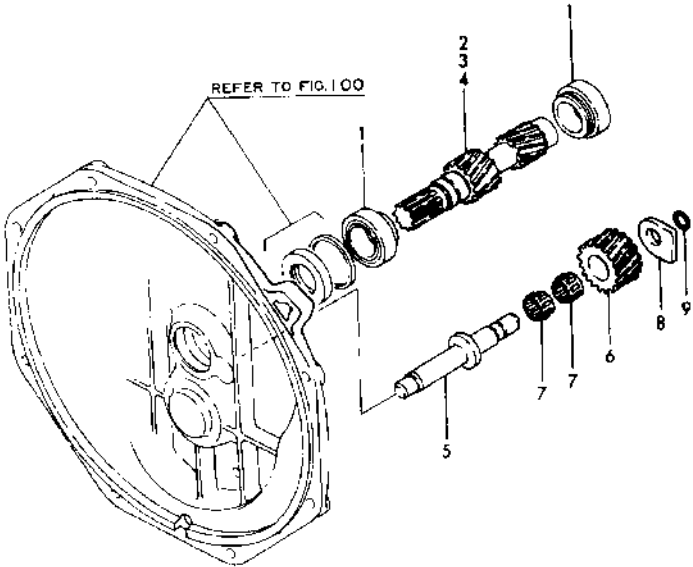
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177088-02012	HOUSING, CLUTCH	1							
2	1	177088-02120	COVER	1							
3	1	24321-000400	O-RING, 1AG40.0	1							
4	1	26013-080252	BOLT, M8X 25	2							
5	1	22312-100160	PIN, PARALLEL M10X16	2							
6	1	177088-02350	SHIM SET	1							
7	1	177088-02033	FLANGE	1							
8	1	26016-080252	BOLT, M8X 25	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 MHS34 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.101. INPUT SHAFT & SUPPORT SHAFT

(A)=KM2P
(B)=
(C)=

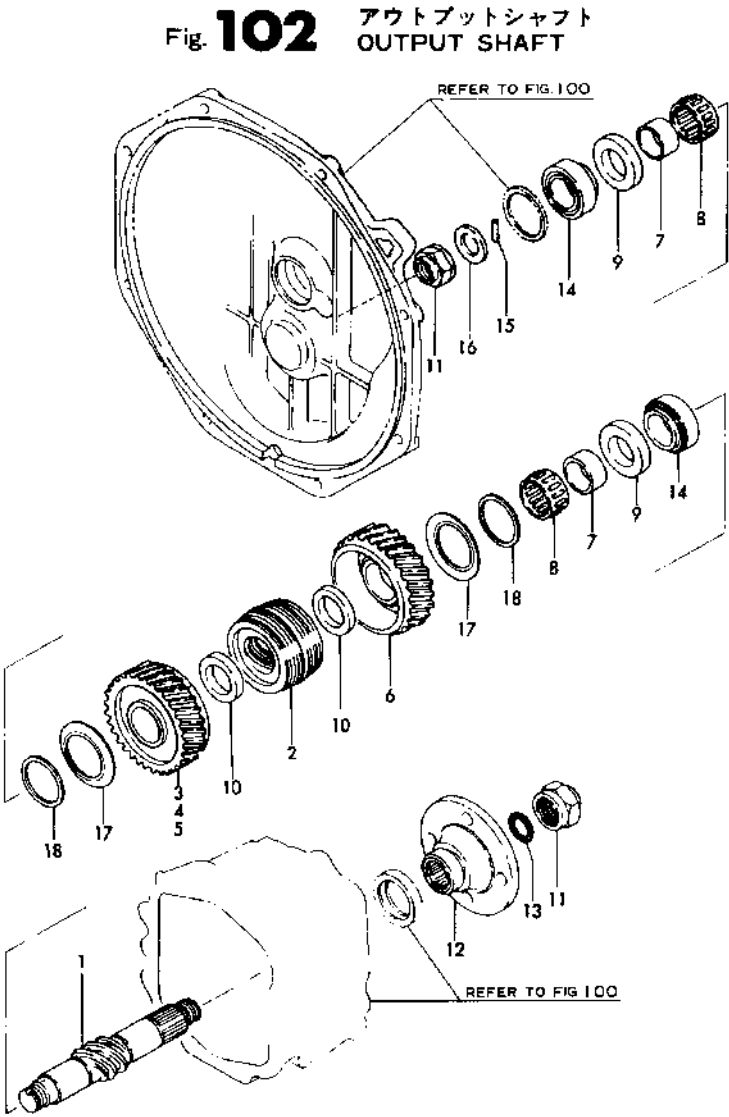
(D)=
(E)=
(F)=

Fig.101 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	177088-03031	SHAFT, INPUT I=2.21	1							
3	1	177088-03012	SHAFT, INPUT I=2.62	1							
4	1	177088-03021	SHAFT, INPUT I=3.22	1							
5	1	177088-03302	SHAFT, GEAR	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.102. OUTPUT SHAFT



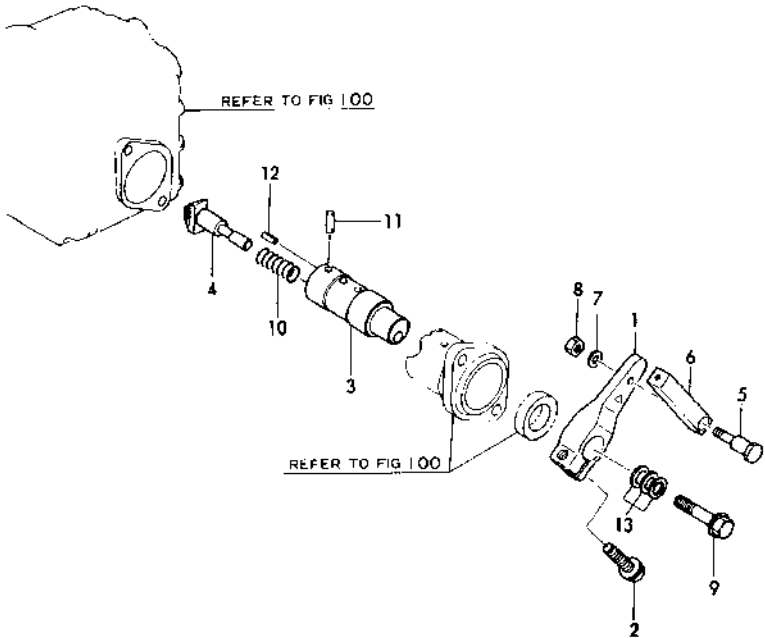
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177088-03092	SHAFT, OUTPUT	1							
2	1	177088-03072	CONE, DRIVE	1							
3	1	177088-03131	GEAR, FORWARD Z=53	1							
4	1	177088-03111	GEAR, FORWARD Z=55	1							
5	1	177088-03121	GEAR, FORWARD Z=58	1							
6	1	177088-03111	GEAR, FORWARD Z=55	1							
7	1	177088-03192	RACE, INNER	2							
8	1	177088-03201	NEEDLE BERG.#K303517	2							
9	1	177088-03233	COLLAR, THRUST	2							
10	1	177088-03252	COLLAR, THRUST	2							
11	1	177088-03272	NUT	2							
12	1	177088-03552	COUPLING	1							
13	1	24311-000180	O-RING, 1AP18.0	1							
14	1	177088-03520	R.BEARING07087/07204	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.103. REMOTE CONTROL DEVICE

(A)=KM2P
(B)=
(C)=

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

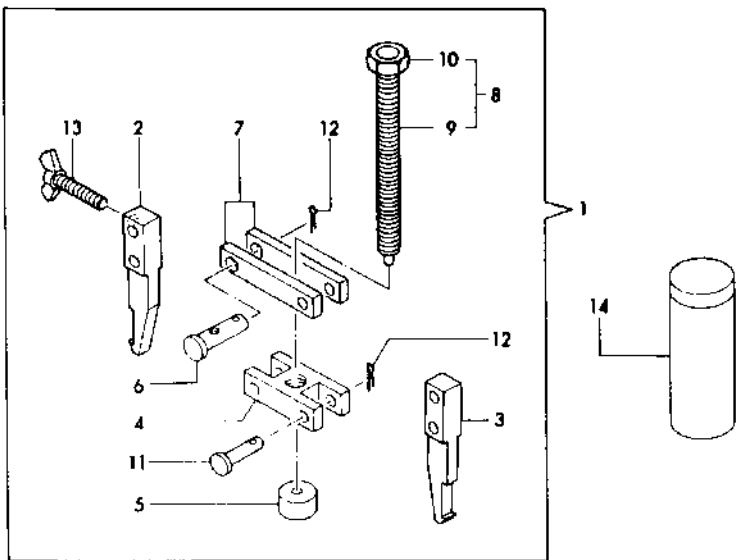
Fig.103 操縱裝置
REMOTE CONTOROL DEVICE



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							

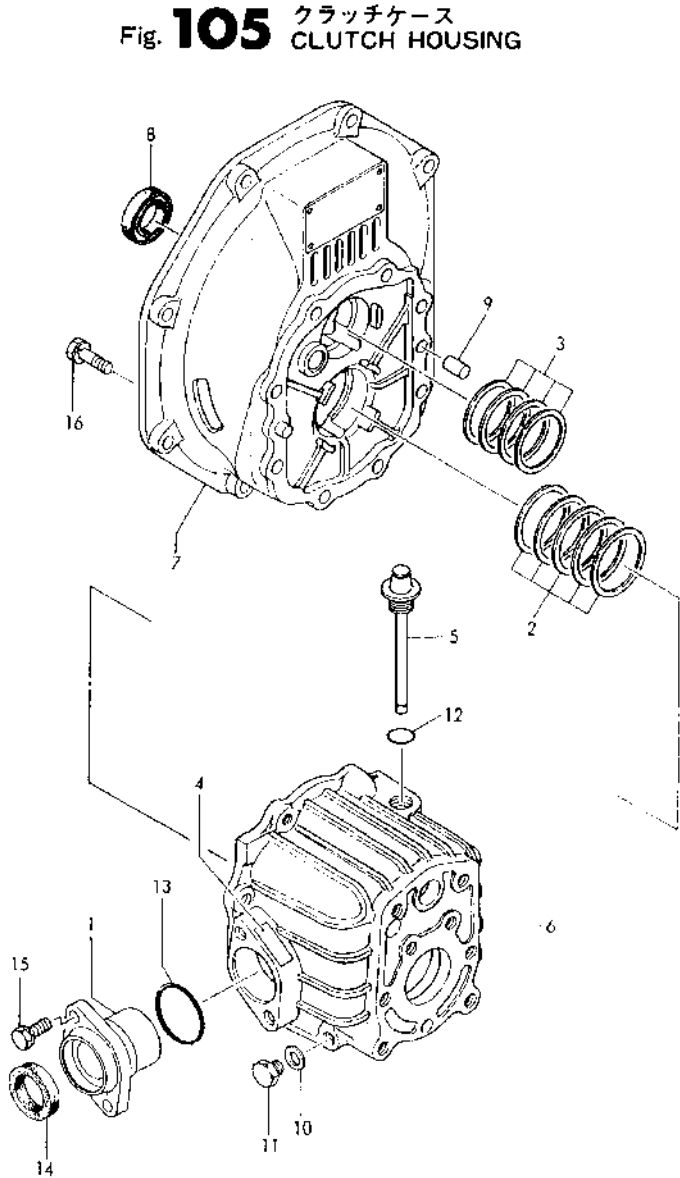
Fig.104. TOOL(OPTIONAL)

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



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							

Fig.105. CLUTCH HOUSING



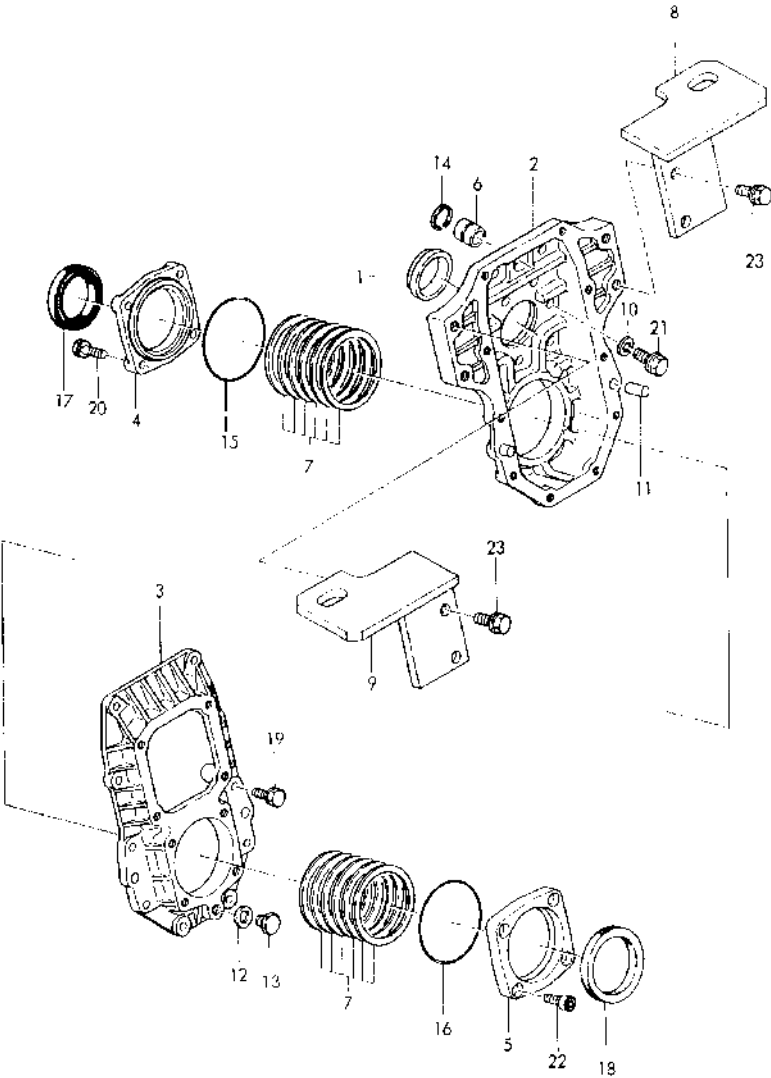
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177088-02120	COVER	1							
2	1	177088-02300	SHIM SET	1							
3	1	177088-02350	SHIM SET	1							
4	1	177088-02430	LABEL	1							
5	1	177088-02451	DIPSTICK	1							
6	1	177070-02511	HOUSING, CLUTCH	1							
7	1	177070-02520	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.106. V-DRIVE HOUSING

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

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

Fig.106 Vドライブケース
V-DRIVE HOUSING



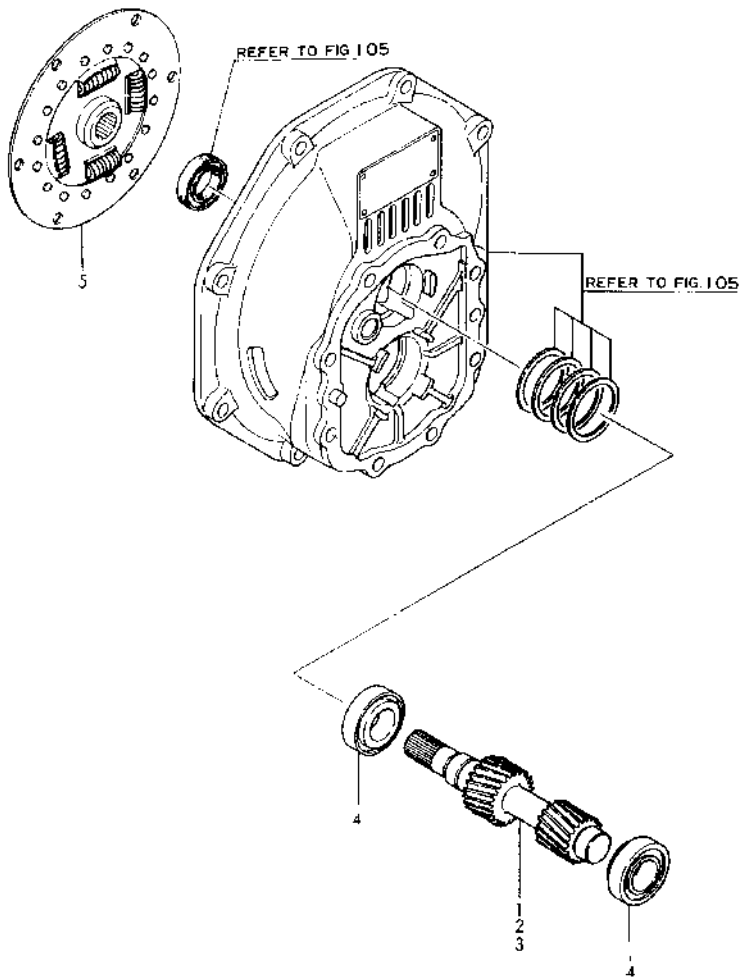
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177070-02680	BUSH	1							
2	1	177070-02801	HOUSING, DRIVE	1							
3	1	177070-02811	HOUSING, DRIVE	1							
4	1	177070-02820	COVER	1							
5	1	177070-02830	COVER	1							
6	1	177070-02840	PIN, PARALLEL	1							
7	1	177070-02850	SHIM SET	2							
8	1	177070-02900	BRACKET	1							
9	1	177070-02910	BRACKET	1							
10	1	22287-100000	WASHER, 10	8							
11	1	22287-100160	PARALLEL PIN 10X16	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.107. INPUT SHAFT

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

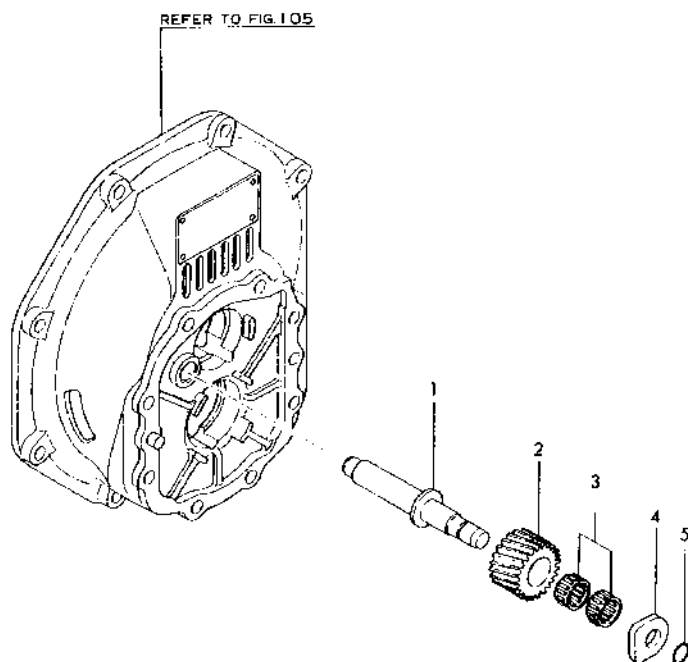
(D)=
(E)=
(F)=

Fig.107 インプットシャフト
INPUT SHAFT



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. 108 サポートシャフト
SUPPORT SHAFT



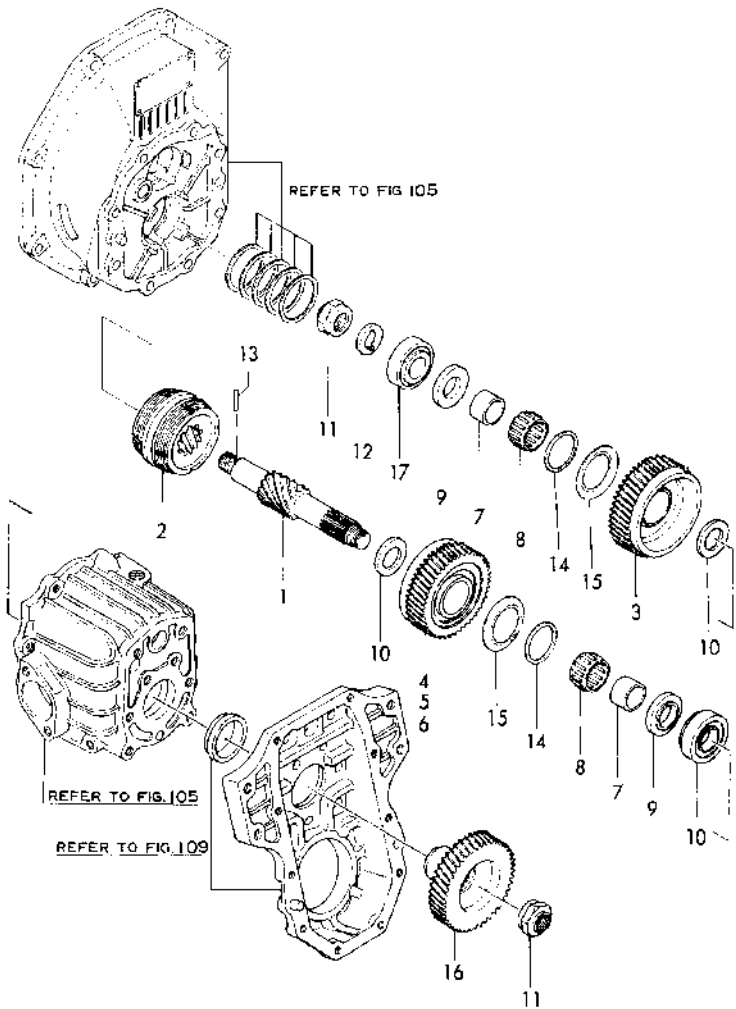
No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	177070-03302	SHAFT, IDLE	1					
2	1	177088-03311	GEAR, IDLE Z=26	1					
3	1	177088-03331	NEEDLE BERG.#K162213	2					
4	1	177088-03341	WASHER, THRUST	1					
5	1	24341-000120	O-RING, 1AS12.0	1					

Fig.109. OUTPUT SHAFT

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

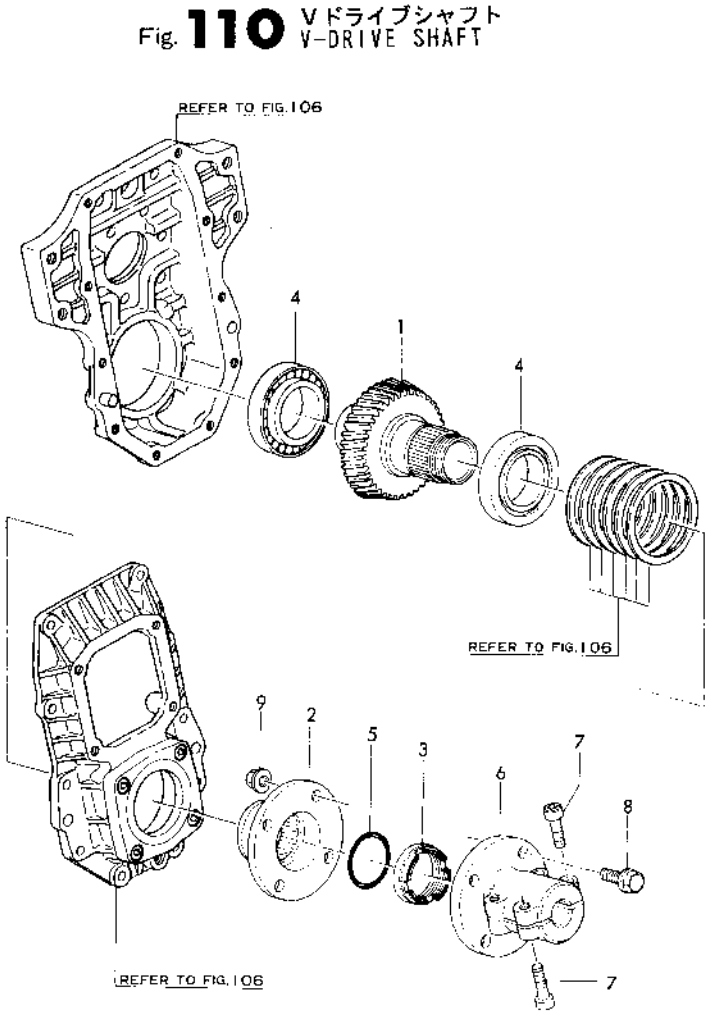
(D)=
(E)=
(F)=

Fig. **109** 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	177070-03041	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.110. V-DRIVE SHAFT



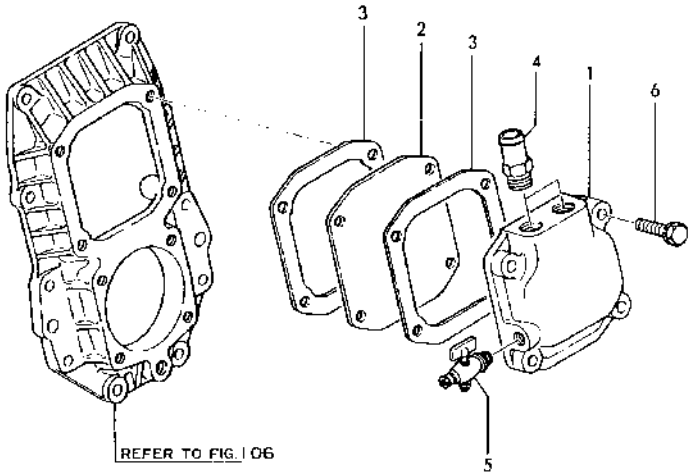
							Q'ty						I R	
							(A)	(B)	(C)	(D)	(E)	(F)		
No.	Lev.	Parts No.	Description											
1	1	177070-03610	SHAFT, DRIVE				1							
2	1	177070-03620	COUPLING				1							
3	1	177070-03630	NUT, LOCK				1							
4	1	24141-320090	BEARING, 32009				2							
5	1	24321-000400	O-RING, 1AG40.0				1							
6	1	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) OPTIONL PARTS

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

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

Fig. 111 潤滑油クーラ
LUB.OIL COOLER



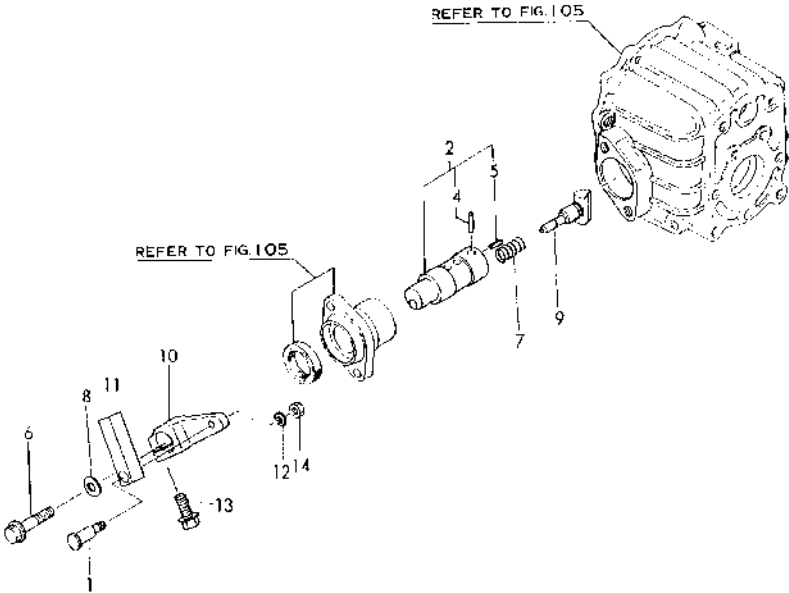
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177070-04250	BODY, COOLER	1							
2	1	177070-04260	PLETE, COOLER	1							
3	1	177070-04270	GASKET	2							
4	1	177070-04280	JOINT	2							
5	1	128695-44090	COCK	1							
6	1	26016-080352	BOLT, M8X 35	4							

Fig.112. REMOTE CONTROL DEVICE

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

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

Fig. 112 操縦装置
REMOTE CONTOROL DEVICE



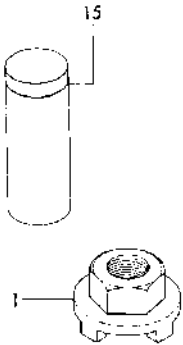
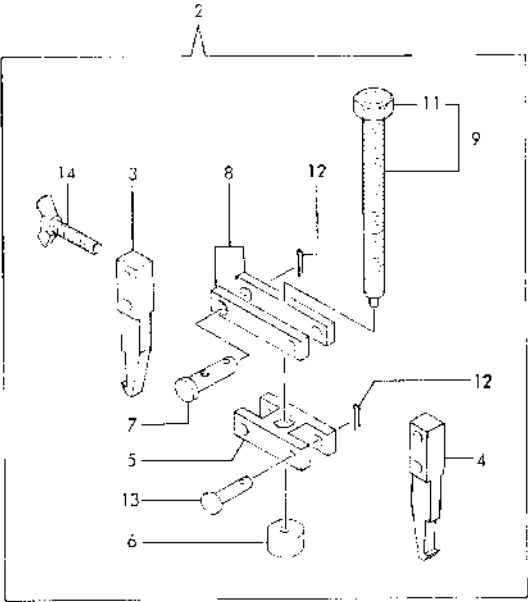
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177088-06101	CONNECTOR	1							
2	1	177088-06340	SHAFT ASSY	1							
4	2	196322-06610	PIN, PARALLEL 5X18	1							
5	2	22351-020012	PIN, SPRING 2.0X12	1							
6	1	177088-06360	BOLT	1							
7	1	177088-06370	SPRING	1							
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							

Fig.113. TOOL(OPTIONAL)

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

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

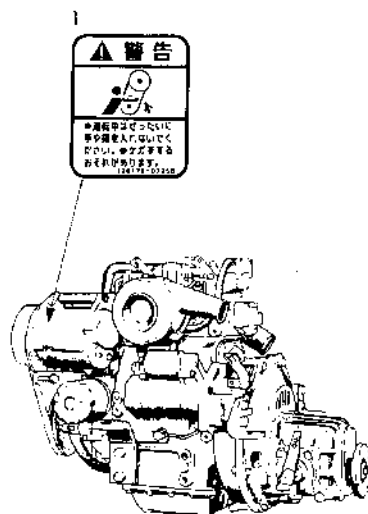
Fig.113 工具(オプション)
TOOL (OPTIONAL)



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	22414-160120	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.114. SAFETY LABEL

Fig.114 安全銘板
SAFETY LABEL



警告表示(ラベル)の部品コード番号

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。

(D)=2GM20C
(E)=2GM20F
(F)=2GM20FVE

[illegible]

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

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101104-92180	91	4
101147-11900	17	48
	18	46
101147-59810	53	5
101158-11190	17	9
	18	9
101158-11230	17	39
	18	37
101200-92140	91	3
101720-55750	47	7
	48	7
102210-07990	10	3
103288-39170	32	3
	53	3
103338-11430	17	44
	18	42
103854-51251	44	23
103854-51660	44	31
103854-53180	46	11
103854-59191	51	11
	52	11
103854-59201	51	12
	52	12
104200-11180	17	18
	18	18
104200-14200	23	5
	24	5
104200-61200	54	4
104200-92350	72	7
104211-03770	58	3
104211-11370	17	11
	18	11
104211-42050	33	3
104211-42070	33	5
	92	11
104211-42080	33	6
104211-42090	33	7
	94	14
104211-42100	33	8
104211-42110	33	9
104211-42120	33	10
104211-42130	33	11
	54	1
104211-49080	38	2
104211-49160	41	7
	94	17
104211-53120	46	8
104214-13580	75	6
	76	5
104214-83980	85	1

Parts No.	Fig. No.	Ref. No.
104214-83980	110	6
104264-59020	51	4
	52	4
104264-59030	45	3
104264-59040	51	5
	52	5
104271-67550	81	1
104271-91351	87	16
104271-91352	88	12
104500-55710	47	3
	48	3
	92	17
	93	18
104511-78780	33	22
	34	22
	92	18
	93	19
104884-59170	51	20
105225-02020	8	5 -1
	94	8 -1
105225-02040	8	5
	94	8
105225-02300	8	14
105225-11100	17	6
	18	6
105225-11110	17	7
	18	7
105225-11350	17	12
	18	12
105225-22300	26	8
105225-22400	26	9
105225-23180	27	9
105225-23200	27	4
105311-01090	1	4
	2	4
105311-11420	17	42
	18	40
105311-22090	26	1
105311-23380	27	7
105311-59500	53	1
105311-67100	60	1
105311-67200	59	3
	60	3
105500-51300	44	7 -1
105582-07061	10	2
105582-49200	41	1
	92	12
105582-59150	45	4
	51	10
	52	10

Parts No.	Fig. No.	Ref. No.
105583-49910	1	23
105583-85900	83	1
110250-53150	46	10
110250-55610	47	5
	48	5
113200-53110	46	7
113200-53120	46	9
119183-91860	88	5
119305-35151	30	6 -2
	93	10 -2
119660-35150	30	6 -1
	93	10 -1
120130-49350	1	22
	2	20
	36	26
120324-91610	88	25
120324-91690	88	16
120445-44530	37	1 -1
120445-44540	37	2
120445-44620	10	9
121000-01850	3	17
	4	17
121000-03020	9	1
121000-03070	9	2
	94	9
121000-03080	9	6
121000-11050	17	17
	18	17
121000-42051	35	2
	94	13
121000-42100	35	3
121000-61600	54	16
121000-66090	55	3
121150-35100	30	5
121370-55730	47	4
	48	4
121450-01203	1	19
	2	17
121450-01210	1	6
	2	6
121450-01220	1	7
	2	7
121450-01560	3	3
	4	3
121450-01800	3	12
	4	12
		12 -1
121450-01801	3	12 -2
	4	12 -2
121450-01960	1	13

Parts No.	Fig. No.	Ref. No.
121450-01960	2	13
121450-01980	1	14
	2	14
121450-01990	1	11 -1
	2	11 -1
121450-02071	8	13
121450-02100	1	15
	2	16
	8	7
121450-02110	8	3
121450-02160	8	10
121450-02310	1	34
	2	31
	8	17
121450-02320	8	15
121450-02370	8	16
121450-11260	17	26
	18	24
121450-11270	17	27
	18	25
121450-11670	18	19
121450-11680	17	20
	18	20
	36	21
	94	11
121450-11681	17	20 -1
	18	20 -1
	36	21 -1
121450-14400	23	6
	24	6
121450-21540	25	8
121450-21541	25	8 -1
121450-32021	28	1
	94	12
121450-32050	28	4
		4 -1A
121450-32060	28	4 -1B
121450-32200	28	10
121450-42240	35	6
121450-42260	35	7
121450-42310	35	8
121450-44410	35	16
	41	4
	94	16
121450-51550	44	25
121450-59850	49	4
121465-59950	49	6
	50	4
121520-01850	45	1
	94	5

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Parts No.	Fig. No.	Ref. No.
121520-01851	45	1 -1
121550-11280	17	31
	18	29
121550-11290	17	32
	18	30
121574-21500	25	14
121574-86320	59	14
	70	4
121575-01510	3	6
	4	6
	94	3
121575-01511	3	6 -1
	4	6 -1
121575-01860	3	18
	4	18
	94	6
121575-01861	3	18 -1
	4	18 -1
121575-07230	11	1
121575-07240	12	2
121575-11121	17	8
	18	8
121575-11670	17	19
121575-32090	28	2
121575-42000	34	1
121575-42120	34	16
121575-42150	34	13
121575-49300	34	18
121575-49310	40	3
121575-61160	54	12
121575-61161	54	12 -1
121575-61220	54	5
121575-61620	54	17
121575-61710	54	18
121575-61720	54	19
121575-66051	55	2
121575-66200	55	9
121575-66310	54	20
121575-66510	58	1
121575-66550	58	5
121575-66580	58	6
121575-66800	56	1
	57	6
121575-66850	56	2
121575-67580	59	8
	60	8
121575-67581	59	8 -1
	60	8 -1
121575-91250	88	10
121750-49800	42	3

Parts No.	Fig. No.	Ref. No.
121750-49800	93	13
121750-59890	43	5
122410-61650	54	15
122780-09320	16	4
	17	22
122780-59100	49	3
123210-09310	1	17
	16	2
		5
	17	23
123310-77640	65	1
123372-03150	12	3
123372-59100	50	3
123482-91291	88	11
123682-07850	10	6
123682-44190	36	13
123682-44200	36	16
123682-44201	36	16 -1
123682-44210	36	14
123682-44220	36	15
124000-01750	5	2
	94	4
124000-01751	5	2 -1
124000-03200	9	4
124000-11240	17	28
	18	26
124000-13200	75	5
124000-14090	23	2
	24	2
124060-01050	1	3
	2	3
	3	5
	4	5
124060-11160	17	3
	18	3
124060-32990	1	29
	2	26
124060-39451	32	10
	92	10
	93	11
124060-59380	51	13
	52	13
124070-13300	76	3
124070-13520	76	1
124070-14760	23	10
124070-42060	33	4
124070-42400	33	12
	34	17
124070-42410	33	13
124070-42420	33	14

Parts No.	Fig. No.	Ref. No.
124070-42420	34	6
124070-59060	80	2
124070-59130	80	3
124070-77950	66	4
124070-91250	71	8
	87	10
	89	7
124070-91290	71	9
	87	11
	89	8
124070-91300	71	12
	87	14
	89	11
124085-01900	1	9
	2	9
124085-02220	8	4
124085-35300	31	1
124085-35350	31	7
124085-51500	44	24
124085-92210	91	5
124085-92250	91	6
124085-92260	91	7
124085-92270	91	8
124085-92400	91	9
124085-92700	91	17
124101-49530	42	1 -1
124160-01751	19	10
124160-11360	19	13
124160-39140	32	8
124160-39540	32	4
124160-49480	2	21
	36	25
124220-09340	10	8
124220-51890	44	30
124223-42040	34	9
124223-42070	34	10
124223-42080	34	8
124223-42091	34	3
	93	12
124223-42110	34	14
	94	15
124223-49050	43	6
	79	2
124240-01871	1	25
	2	22
124240-01882	1	26 -1
	2	23
	94	7
124240-01883	1	26 -2
	2	23 -1

Parts No.	Fig. No.	Ref. No.
124240-01883	94	7 -1
124250-03640	58	4
124323-42100	34	19
124450-35070	30	4
124450-35100	30	6
		7
	92	9
	93	10
124450-39240	32	9
	51	1
	52	1
124460-77680	1	32
	2	29
	36	27
		29 -1
124550-35350	91	2
124550-51320	44	11
124550-51341	44	12
124550-51350	44	10
124550-51370	44	13
124550-51590	44	26
124550-59820	32	7
124550-77030	62	2
124617-91980	88	4
124617-91990	88	34
124722-59050	36	29
124732-42290	64	3
	93	20
124736-49540	42	2 -1
	94	18 -1
124770-49040	40	2
124770-53000	46	2
	92	14
	93	15
124770-77940	66	3
124772-08341	15	1
124790-44470	36	19
124790-44560	37	3
124790-55601	47	1
	48	1
124790-59530	53	4
124950-01951	3	21
	4	21
124950-11340	17	10
	18	10
124950-11450	17	45
	18	43
124950-21600	25	13
124950-26021	1	26
124950-51190	44	15

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Parts No.	Fig. No.	Ref. No.
124950-51270	44	6
124950-51450	44	35
124950-51510	44	14
124950-51640	44	28
124950-51650	44	29 A
124950-51670	44	29
126630-07370	10	5
127610-91350	42	4
	93	14
127611-07350	10	4
127687-91870	88	35
127687-91880	88	36
127692-91410	88	30
127692-91440	88	31
127692-91450	88	32
128170-01600	6	1
128170-01830	3	15
128170-07850	10	7
128170-08100	13	1
128170-08120	13	2
	14	1
128170-08130	13	3
	14	2
128170-13200	21	2
	92	3
128170-13201	21	2 -1
128170-13530	21	1
128170-14150	23	4
	24	4
128170-49080	43	1
128170-49081	43	1 -1
128170-49150	41	6
128170-51101	44	3
128170-51300	44	7
128170-53080	46	5
128170-66870	57	7
128170-66880	57	8
128170-66890	57	12
128170-76790	61	1
128170-77010	62	1
	73	1
128170-77500	66	6
	90	1
128170-86300	70	1
128170-86500	86	1
128170-91001	87	1
128170-91010	87	2
128170-91020	87	3
128170-91031	87	4
128170-91100	87	6

Parts No.	Fig. No.	Ref. No.
128170-91160	87	20
128170-91310	87	15
128170-91810	71	15
	87	17
	89	14
128170-91820	71	16
	87	18
	89	15
128170-91830	71	17
	87	19
	89	16
128171-07150	10	13
128171-22250	26	10
128171-81010	67	1
128171-81020	67	2
128171-81030	67	3
128171-81110	67	1 -1
128171-81120	67	2 -1
128171-81130	67	3 -1
128171-81150	67	7
		7 -1
128176-07250	114	1
128270-01450	1	24
128270-01720	5	1
128270-01820	3	13
	4	13
128270-01890	1	21
	2	19
128270-03610	19	3
128270-03640	19	5
128270-03750	19	4
128270-08341	15	2
128270-09300	1	16
	16	1
128270-11310	19	12
	94	10
128270-12500	20	1
128270-12540	20	4
128270-12700	20	5
128270-13600	75	1
128270-13610	75	7
128270-13620	75	3
128270-13650	75	8 -1
128270-14010	23	1
	24	1
128270-21651	25	9
128270-34800	29	1
128270-35090	30	1
128270-39200	32	1
128270-42000	33	1

Parts No.	Fig. No.	Ref. No.
128270-42150	33	21
	34	21
128270-49010	39	1
128270-49020	39	2
128270-49050	39	3
128270-49100	41	3
128270-49250	75	9
128270-49300	33	15
128270-55610	47	11
128270-59011	51	2
128270-59080	51	6
128270-59810	49	1
128270-59820	49	2
128270-66010	55	1
128270-66550	57	1
128270-67100	59	1
128270-77921	66	1
128270-91001	71	1
128270-91010	71	2
	89	2
128270-91020	71	3
	89	3
128270-91031	71	4
128270-91040	71	5
	89	5
128270-91230	71	7
128270-91350	71	13
	89	12
128270-91360	71	14
	89	13
128271-01330	1	33
	2	30
	92	2
	93	2
	94	2
128271-01911	1	33 -1
	2	30 -1
	92	2 -1
	93	2 -1
	94	2 -1
128271-08150	14	3
128271-08160	14	4
128271-21590	25	11
128271-49450	43	4
128271-77330	63	2
	64	2
128271-77340	63	5
	64	5
128271-77920	66	1 -1
128271-77921	66	1 -2

Parts No.	Fig. No.	Ref. No.
128271-77921	66	1 -3
128272-11170	17	4
	18	4
128275-11410	17	41
	18	39
128275-11490	17	46
	18	44
128275-11500	17	47
	18	45
128275-39710	77	2
128275-91340	41	2
	92	13
128290-13250	36	31
	93	4
128290-13251	36	31 -1
	93	4 -1
128290-44011	36	2
128290-44050	36	3
128290-44400	36	18
128290-44481	36	22
128290-44900	36	1 -1
128290-49510	40	4
128290-59010	52	2
128290-59080	52	6
128290-59810	50	1
128290-59820	50	2
128291-49020	40	1 A
128291-49250	43	7
128370-13200	22	1
	76	11
	93	3
128370-13201	22	1 -1
	76	11 -1
	93	3 -1
128370-13530	22	2
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