

OCR10-M47101EN

Introduction

1. This parts catalog for 2GM20- YEU, 2GM20C- YEU, 2GM20F- YEU & 2GM20FC- YEU is published as a revised edition of the diesel engine.

	Parts catalog	Date of issue	Remarks
First edition	000Y00R4710	Nov., 1997	No need.
1st revised edition	000Y00R4711	Apr., 2000	

2. Standard finish color. : Metallic eole silver
 Parts No. 977620- 10070 1 0 (Paked in a can)
 977620- 40070 4 0 (Paked in a can)
 TOR- 90090003 Spray(1 piece)

3. This parts catalog dose not contain the technical date needed for servicing.
 4. The illustrations used in this parts catalog have been simplified for clarity.
 5. The essential points list.(This engine numbers assembled at Yanmar Europe are as follows)

Name of diesel engine	2GM20-YEU	2GM20C-YEU	2GM20F-YEU	2GM20FC-YEU
Type	Vertical, water- cooled, four- cycle diesel engine			
No.of cylinder×Internal diameter(mm) ×Stroke length(mm)	2 × 75 × 72			
Continuous rated output (PS/rpm)	16 / 3400			
Combustion system	Direct injection			
Starting system	Erectric starting 12V- 1.0kw			
Power take- off position	Flywheel side			
Cooling system	Sea water cooling		Filterd fresh water cooling	
Lubricating system	Fully sealed, forced- feed lubrication			
New E/#	E02001			

6. The contents of this parts catalog are subject to change without prior notice.
 7. Be sure to use only genuine Yanmar part for repairs. If other parts are used, the life of the engine may be shortened.

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OCR10-M47101

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60.	INSTRUMENT PANEL(B-TYPE/VDO)		

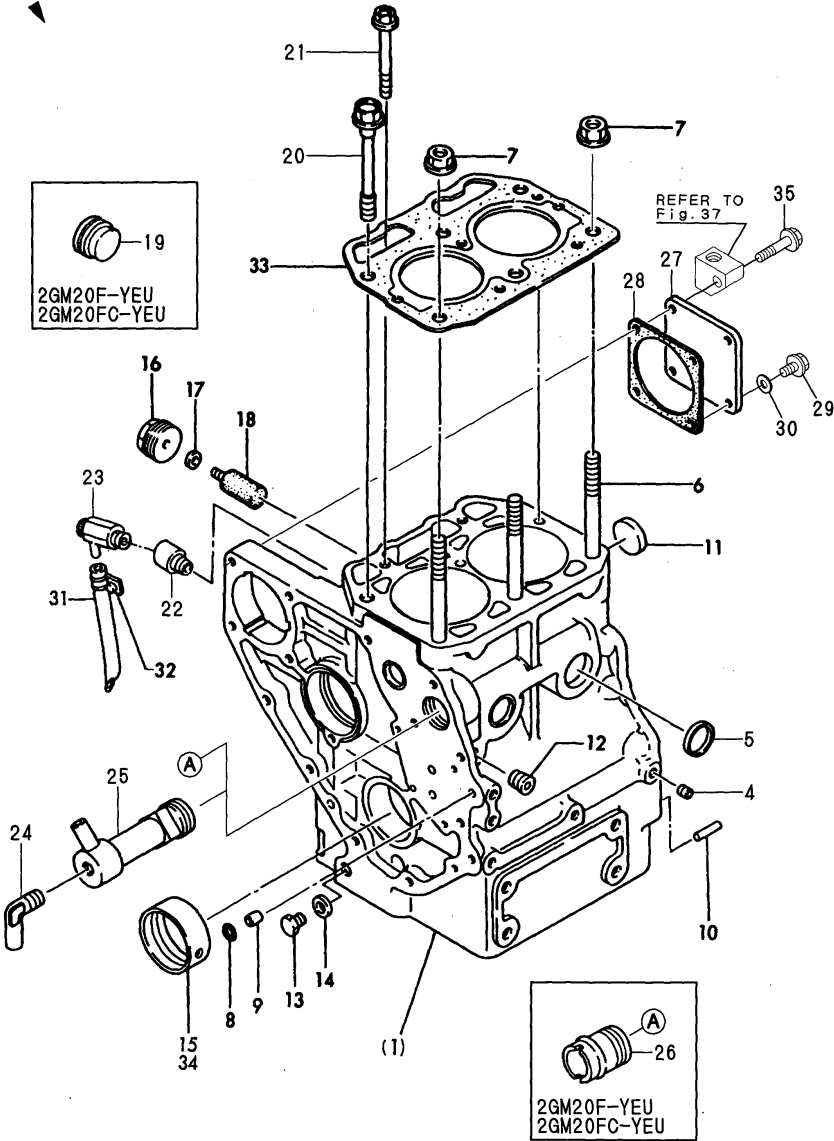
Fig.1. CYLINDER BLOCK

(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

Fig. 1 シリンダブロック
CYLINDER BLOCK

見出しNo. 1, 2は、見出しNo. (1) から19を含みます。
1, 2 inc. (1) ~ 19



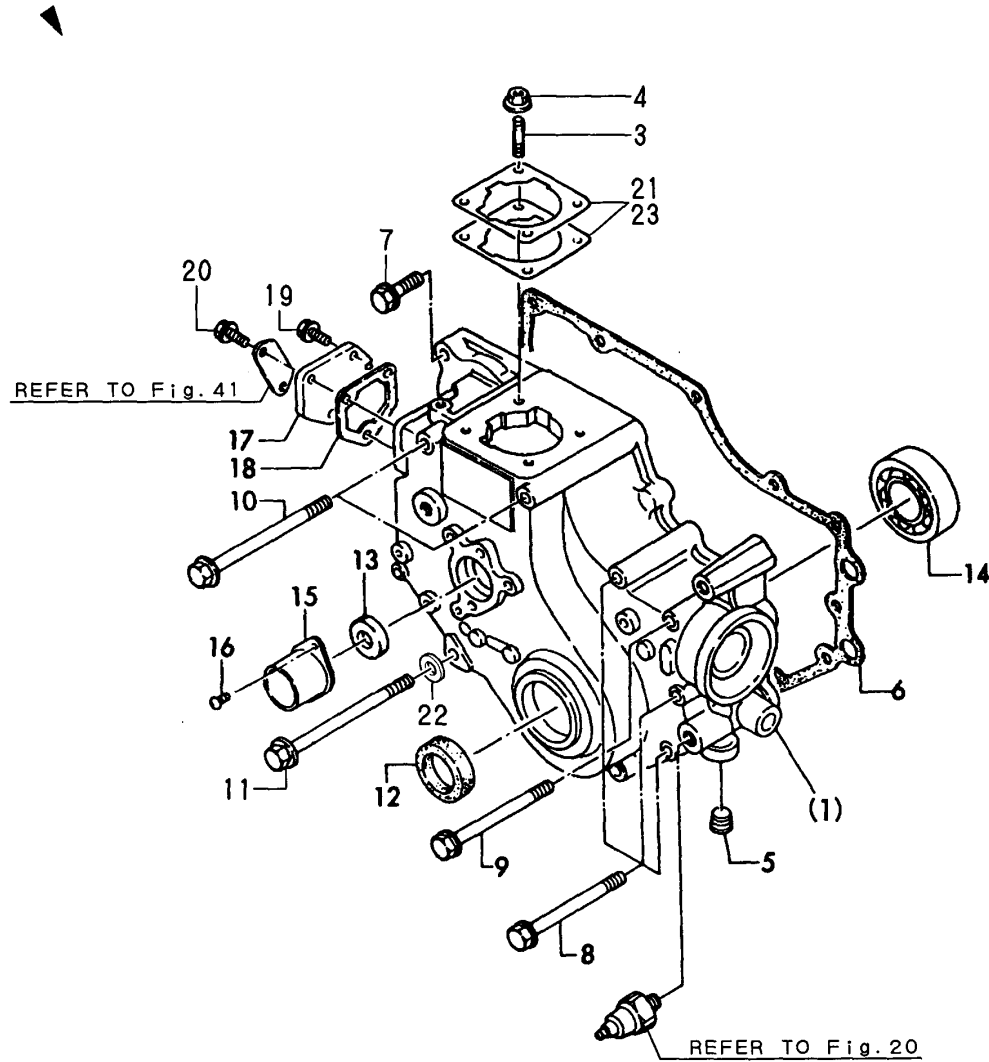
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728277-01560	BLOCK ASSY, CYLINDER	1	1						
2	1	728297-01560	BLOCK ASSY, CYLINDER			1	1				
4	2	124060-01050	PLUG, PT1/8	6	6	6	6				
5	2	105311-01090	PLUG, 30	4	4	4	4				
6	2	121450-01210	BOLT, HEAD	3	3	3	3				
7	2	121450-01220	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	129100-01580	PIN, M8X16	2	2	2	2				
11	2	121450-01990	PLUG, 30	1	1	1	1				
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						
17	2	123210-09310	GASKET	1	1						
18	2	27210-200300	ZINC, SCREW20X30	1	1						
19	2	171051-01921	PLUG, NPTF1			1	1				
20	1	121450-01203	BOLT, HEAD	3	3	3	3				
21	1	129350-01230	BOLT, HEAD	2	2	2	2				
22	1	128270-01890	SPACER	1	1	1	1				
23	1	120130-49350	COCK, 1/4	1	1	1	1				
23-1	1	119620-49290	COCK ASSY, 1/4	1	1	1	1				N
(A=*2000.04) (B=*2000.04) (C=*2000.04) (D=*2000.04)											
24	1	105583-49910	ELBOW, PT1/4	1	1						
25	1	128270-01450	JOINT	1	1						
26	1	124160-49480	JOINT, PIPE			1	1				
27	1	124240-01871	COVER	1	1	1	1				
28	1	124240-01883	GASKET	1	1	1	1				
28-1	1	129C26-01890	GASKET, HO-P	1	1	1	1				R
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
29	1	26106-080142	BOLT, M8X 14 PLATED	4	4	4	4				
30	1	23414-080000	GASKET, 8X1.0	1	1	1	1				
31	1	23061-070300	PIPE, 7X 300	1	1	1	1				
32	1	124460-77680	RETAINER	1	1	1	1				
33	1	128271-01911	GASKET, HEAD	1	1	1	1				
34	1	121450-02310	BEARING, 0.25 US	1	1	1	1				1
35	1	26106-080322	BOLT, M8X 32 PLATED	1	1	1	1				

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

Fig.2. GEAR HOUSING(2GM20,C-YEU)

Fig.2 ギヤケース (2GM20/C-YEU)
GEAR HOUSING (2GM20/C-YEU)

見出しNo. 1は、見出しNo. (1) から5を含みます。
1 inc. (1) ~ 5



(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU
(D)=2GM20FC-YEU
(E)=
(F)=

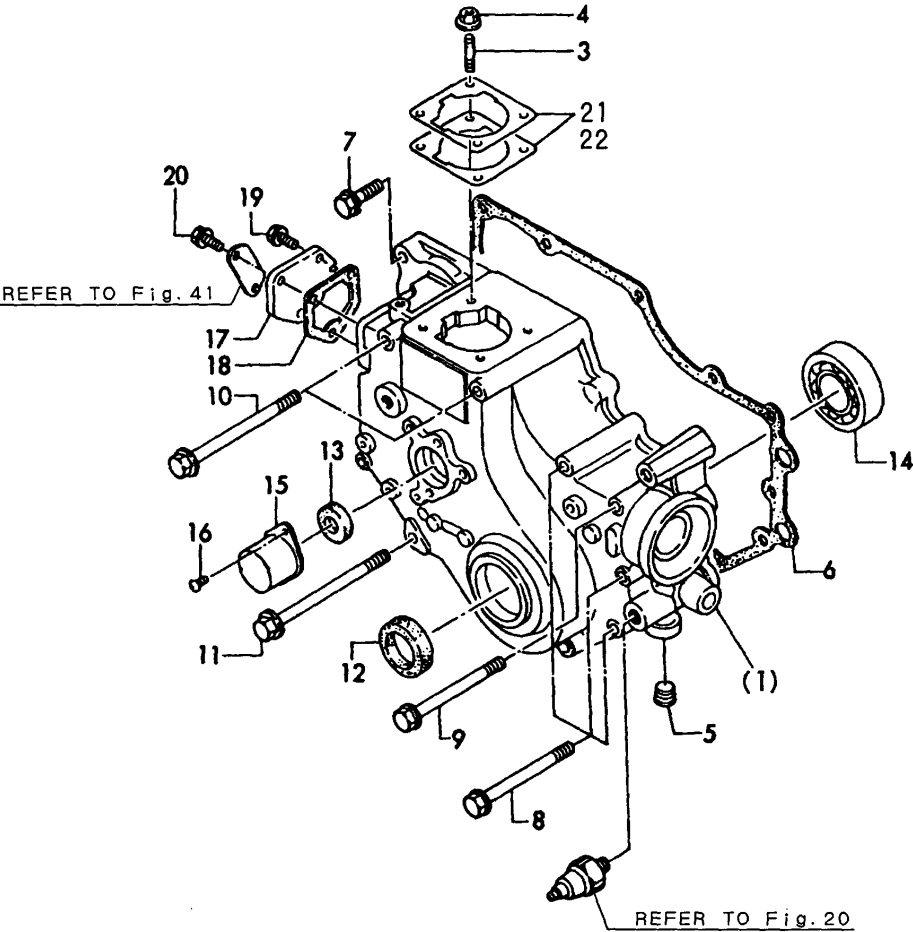
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728277-01610	CASE ASSY, GEAR	1	1						
3	2	26216-080222	STUD, M8X 22	4	4						
4	2	26366-080002	NUT, M8	4	4						
5	2	124060-01050	PLUG, PT1/8	1	1						
6	1	121575-01511	GASKET, GEAR CASE	1	1						
7	1	26106-080302	BOLT, M8X 30 PLATED	2	2						
8	1	26106-080852	BOLT, M8X 85 PLATED	5	5						
9	1	26106-080902	BOLT, M8X 90 PLATED	1	1						
10	1	26106-081152	BOLT, M8X115 PLATED	2	2						
11	1	26106-081152	BOLT, M8X115 PLATED	2	2						
12	1	121450-01801	SEAL, TC25408	1	1						
13	1	128270-01820	SEAL, SC16286	1	1						
14	1	24101-063050	BEARING, BALL 6305C3	1	1						
15	1	128170-01830	COVER	1	1						
16	1	26557-060102	SCREW, M6X10	2	2						
17	1	121000-01850	COVER, BLOCK	1	1						
18	1	121575-01861	GASKET	1	1						
19	1	26106-060122	BOLT, M6X 12 PLATED	1	1						
20	1	26106-060142	BOLT, M6X 14 PLATED	2	2						
21	1	124950-01951	SHIM SET, ADJUSTING	1	1						
22	1	23414-080000	GASKET, 8X1.0	4	4						
23	1	121450-01951	SHIM SET, ADJUSTING	1	1						1

Remarks
(1)OPTIONAL

Fig.3. GEAR HOUSING(2GM20F,FC-YEU)

Fig.3 ギヤケース (2GM20F/FC-YEU)
GEAR HOUSING (2GM20F/FC-YEU)

見出しNo. 1は、見出しNo. (1) から5を含みます。
1 inc. (1) ~ 5



(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

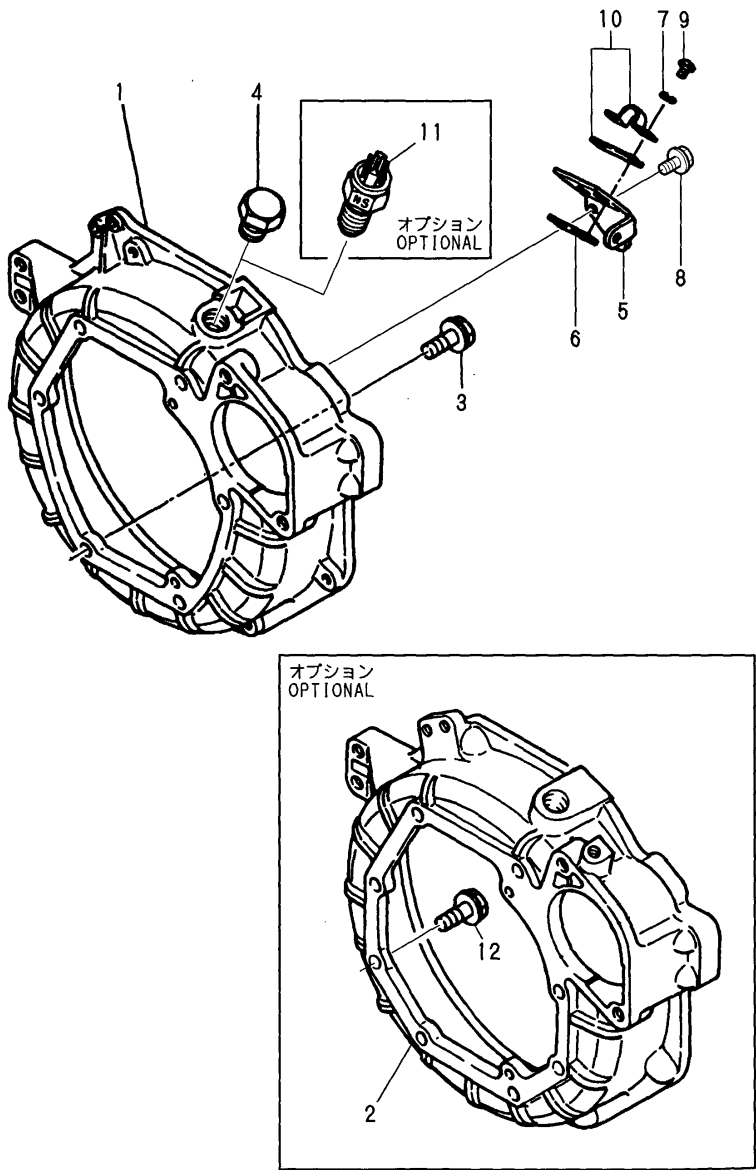
(D)=2GM20FC-YEU
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728270-01610	CASE ASSY, GEAR			1	1				
3	2	121450-01560	STUD, M8X22			4	4				
4	2	26366-080002	NUT, M8			4	4				
5	2	124060-01050	PLUG, PT1/8			1	1				
6	1	121575-01511	GASKET, GEAR CASE			1	1				
7	1	26106-080302	BOLT, M8X 30 PLATED			2	2				
8	1	26106-080852	BOLT, M8X 85 PLATED			5	5				
9	1	26106-080902	BOLT, M8X 90 PLATED			1	1				
10	1	26106-081152	BOLT, M8X115 PLATED			2	2				
11	1	26106-081152	BOLT, M8X115 PLATED			2	2				
12	1	121450-01801	SEAL, TC25408			1	1				
13	1	128270-01820	SEAL, SC16286			1	1				
14	1	24101-063050	BEARING, BALL 6305C3			1	1				
15	1	128670-01830	COVER			1	1				
16	1	26557-060102	SCREW, M6X10			2	2				
17	1	121000-01850	COVER, BLOCK			1	1				
18	1	121575-01861	GASKET			1	1				
19	1	26106-060122	BOLT, M6X 12 PLATED			1	1				
20	1	26106-060142	BOLT, M6X 14 PLATED			2	2				
21	1	124950-01951	SHIM SET, ADJUSTING			1	1				
22	1	121450-01951	SHIM SET, ADJUSTING			1	1				1

Remarks
(1)OPTIONAL

Fig.4. FLYWHEEL HOUSING

Fig.4 フライホイールハウジング
FLYWHEEL HOUSING



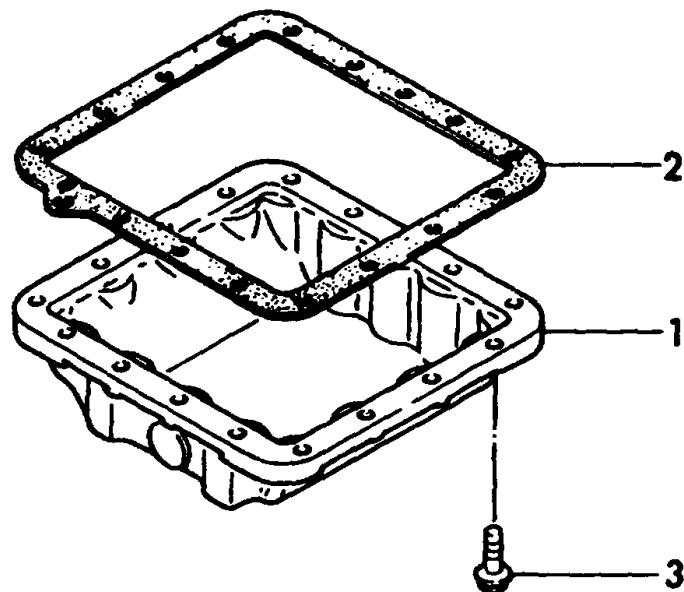
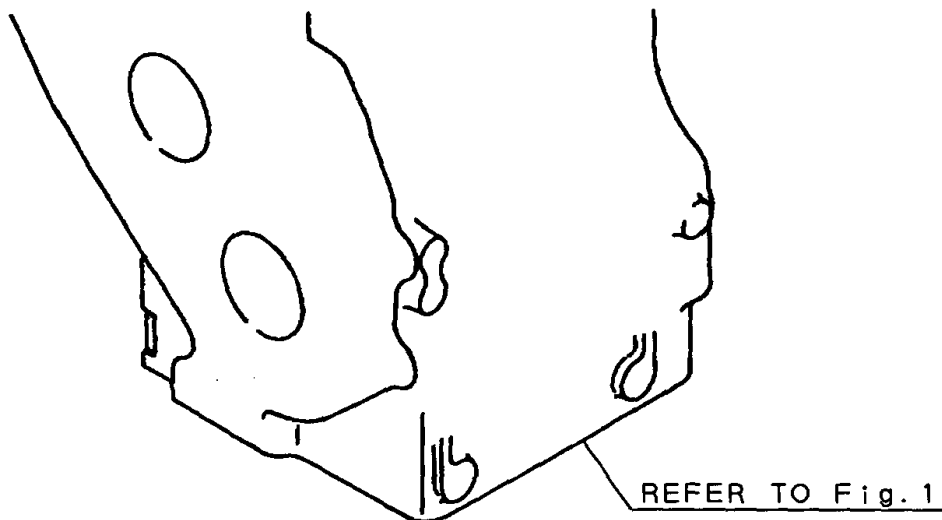
Remarks
(1)OPTIONAL

(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

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	128371-01601	HOUSING, FLYWHEEL	1	1	1	1				1
3	1	26106-100252	BOLT, M10X 25 PLATED	6	6	6	6				
4	1	23887-180002	PLUG, 18	1	1	1	1				
5	1	128170-86300	BRACKET, CABLE	1	1	1	1				
6	1	121574-86320	RETAINER	1	1	1	1				
7	1	22212-050000	WASHER 5	2	2	2	2				
8	1	26106-060142	BOLT, M6X 14 PLATED	2	2	2	2				
9	1	26557-050122	SCREW, M5X12	2	2	2	2				
10	1	41710-000410	CLAMP	1	1	1	1				
11	1	128170-91160	SENSOR	1	1	1	1				1
12	1	26013-100252	BOLT, M10X 25	8	8	8	8				1

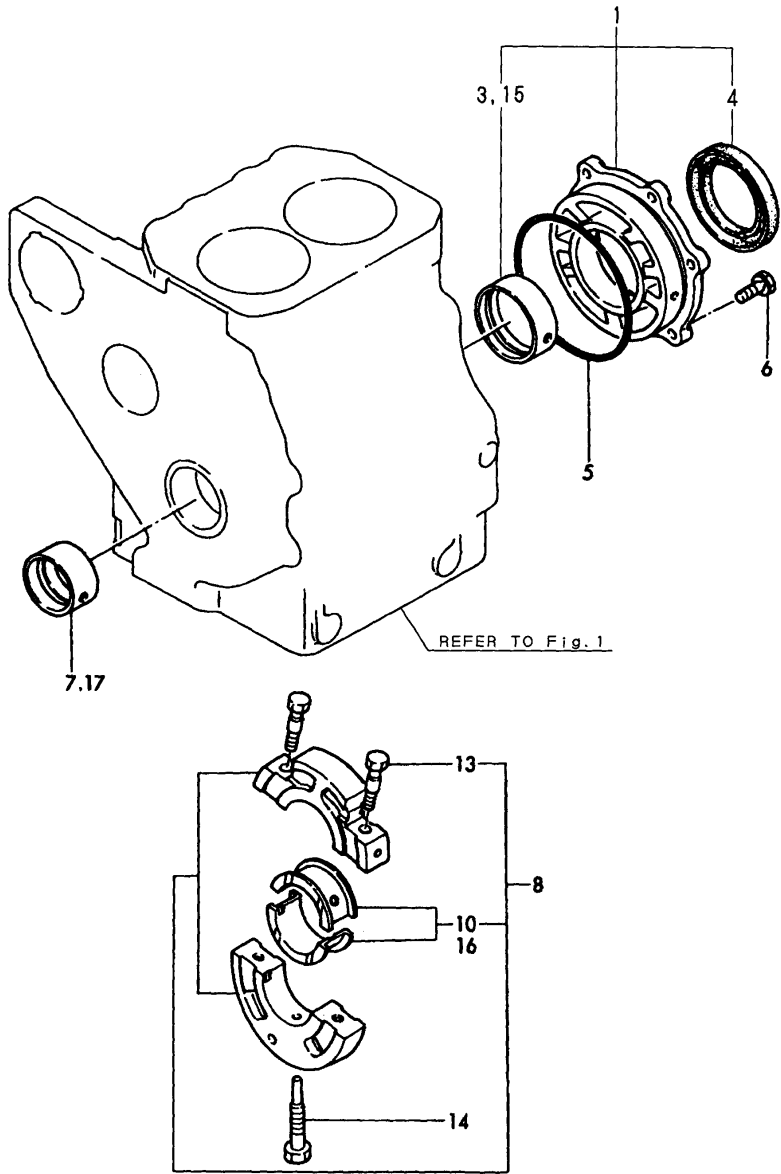
Fig. 5 オイルパン
LUB. OIL SUMP



No.	Lev.	Parts No.	Description	(A)=2GM20-YEU (B)=2GM20C-YEU (C)=2GM20F-YEU		(D)=2GM20FC-YEU (E)= (F)=			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	128270-01720	SUMP, OIL	1	1	1	1		
2	1	124000-01751	GASKET, OIL SUMP	1	1	1	1		
3	1	26014-060202	BOLT, M6X 20	17	17	17	17		

Fig.6. MAIN METAL HOUSING

Fig.6 メインメタル
MAIN METAL HOUSING



(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

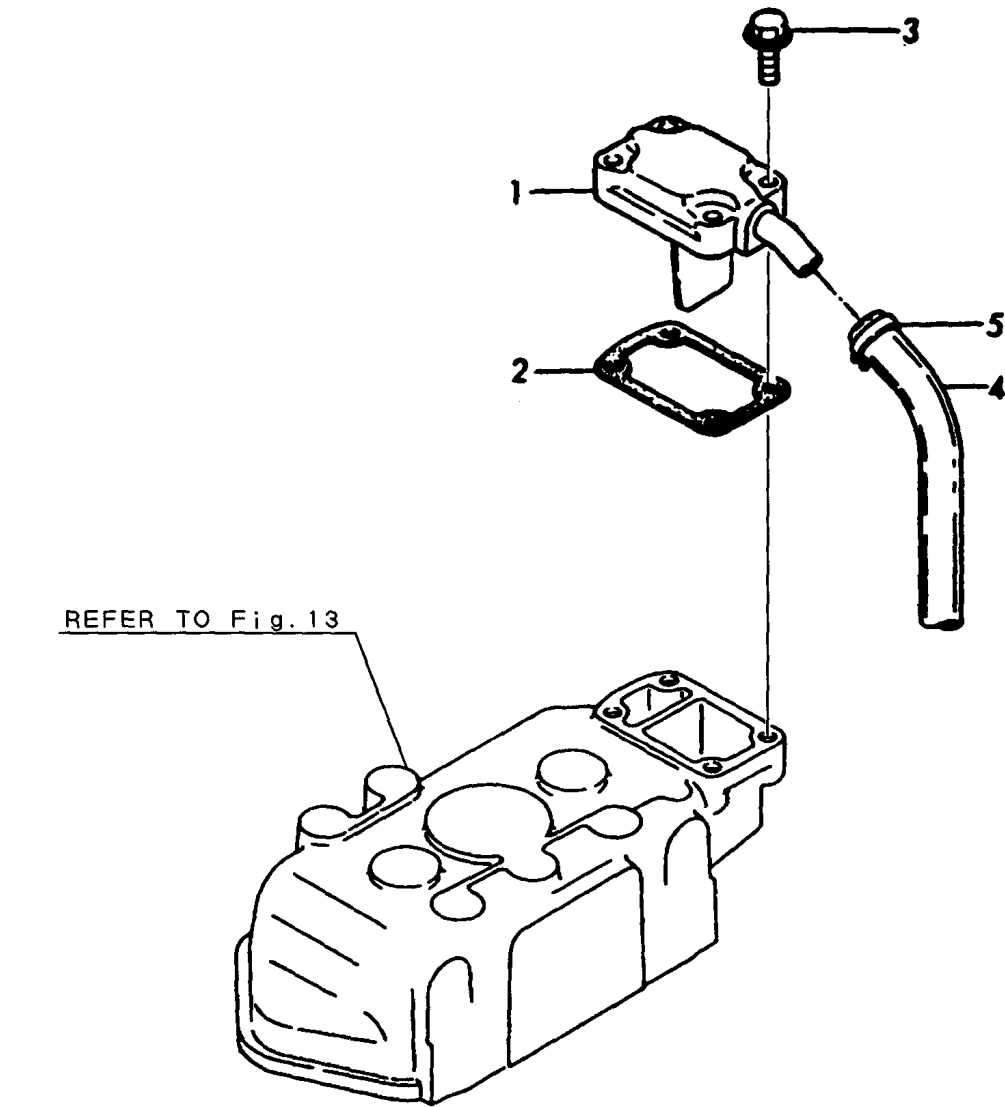
(D)=2GM20FC-YEU
(E)=
(F)=

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				
3	2	121450-02110	BEARING, MAIN	1	1	1	1				
4	2	124085-02220	SEAL, OIL	1	1	1	1				
5	1	105225-02020	O-RING	1	1	1	1				
6	1	26013-080202	BOLT, M8X 20	6	6	6	6				
7	1	121450-02100	BEARING, MAIN	1	1	1	1				
8	1	721450-02612	HOUSING ASSY, METAL	1	1	1	1				
10	2	121450-02160	BEARING, MAIN	1	1	1	1				
13	2	121450-02071	BOLT	2	2	2	2				
14	1	105225-02300	BOLT	1	1	1	1				
15	1	121450-02320	METAL ASSY, 0.25	1	1	1	1				1
16	1	121450-02370	BEARING, 0.25 US	1	1	1	1				1
17	1	121450-02310	BEARING, 0.25 US	1	1	1	1				1

Remarks
(1)UNDER SIZED(U.S.=0.25)PART

Fig.7. BREATHER

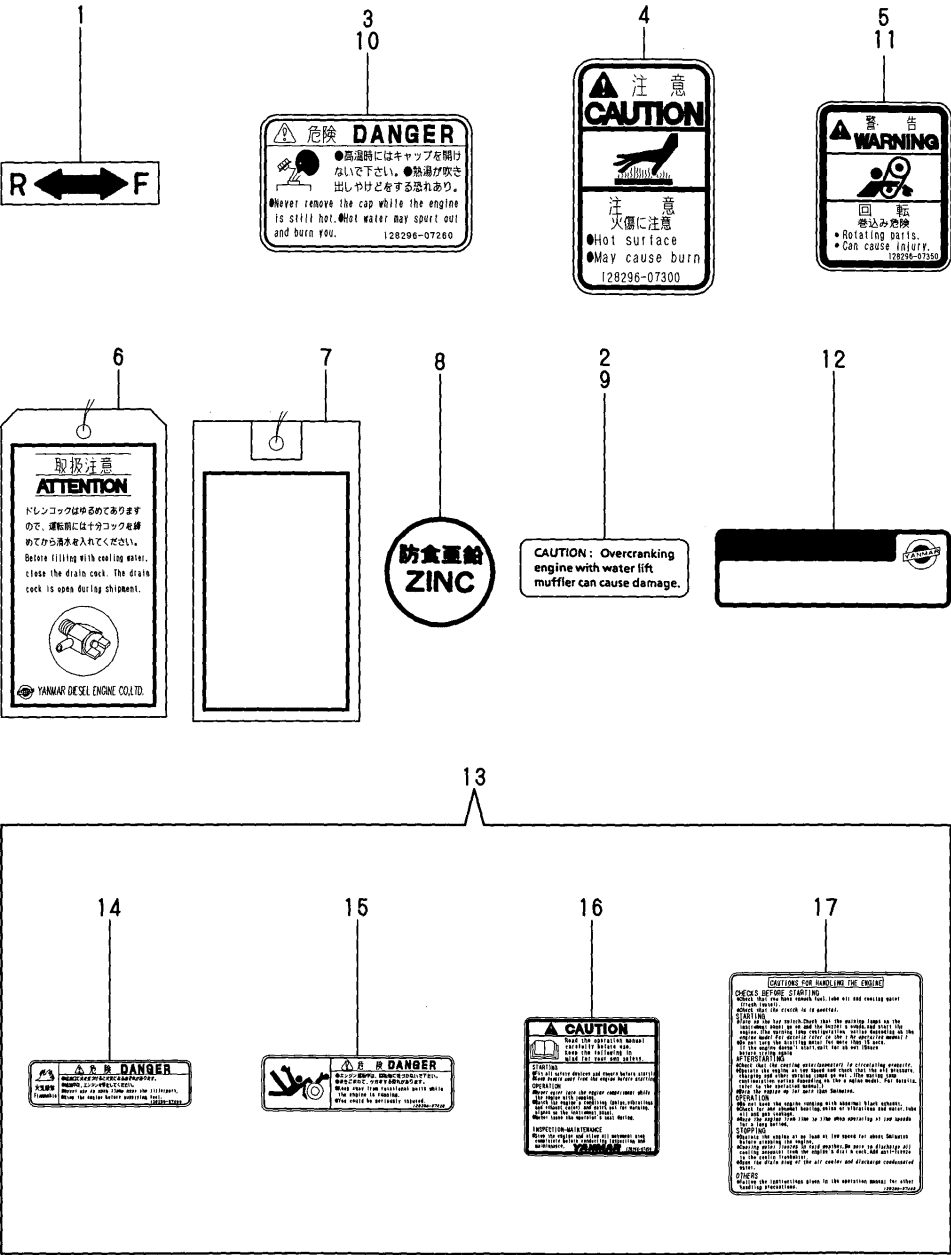
Fig.7 ブリーザ
BREATHER



OCR10-M47101 Fig.7											
(A)=2GM20-YEU (D)=2GM20FC-YEU											
(B)=2GM20C-YEU (E)=											
(C)=2GM20F-YEU (F)=											
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121000-03021	COVER, BREATHER	1	1	1	1				
2	1	121000-03071	GASKET	1	1	1	1				
3	1	26106-060252	BOLT, M6X 25 PLATED	4	4	4	4				
4	1	128270-03200	PIPE , BREATHER	1	1	1	1				
5	1	23080-013000	CLAMP, 13	2	2	2	2				

Fig.8. LABEL

Fig.8 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				
2	1	128377-07150	CAUTION LABEL	1	1	1	1				
3	1	128377-07260	LABEL,DANGER			1	1				
4	1	128296-07300	LABEL, DANGER			1	1				
5	1	128377-07350	LABEL,WARNING	1	1	1	1				
6	1	123682-07851	LABEL, CAUTION			1	1				
7	1	128170-07850	LABEL, CAUTION	1	1						
8	1	124220-09340	LABEL	2	2						
9	1	128171-07150	LABEL	1	1	1	1				
10	1	128296-07260	LABEL, DANGER			1	1				
11	1	128296-07350	LABEL, DANGER	1	1	1	1				
12	1	128277-07500	LABEL, BSO	1	1	1	1				
13	1	128296-07190	LABEL,LOOSE PARTS	1	1	1	1				
14	2	128296-07400	LABEL, DANGER	2	2	2	2				
15	2	128296-07420	LABEL, DANGER	1	1	1	1				
16	2	128296-07450	LABEL, DANGER	1	1	1	1				
17	2	128296-07460	LABEL, DANGER	1	1	1	1				

N:Old
Yes
No

Q:Old
New
Yes

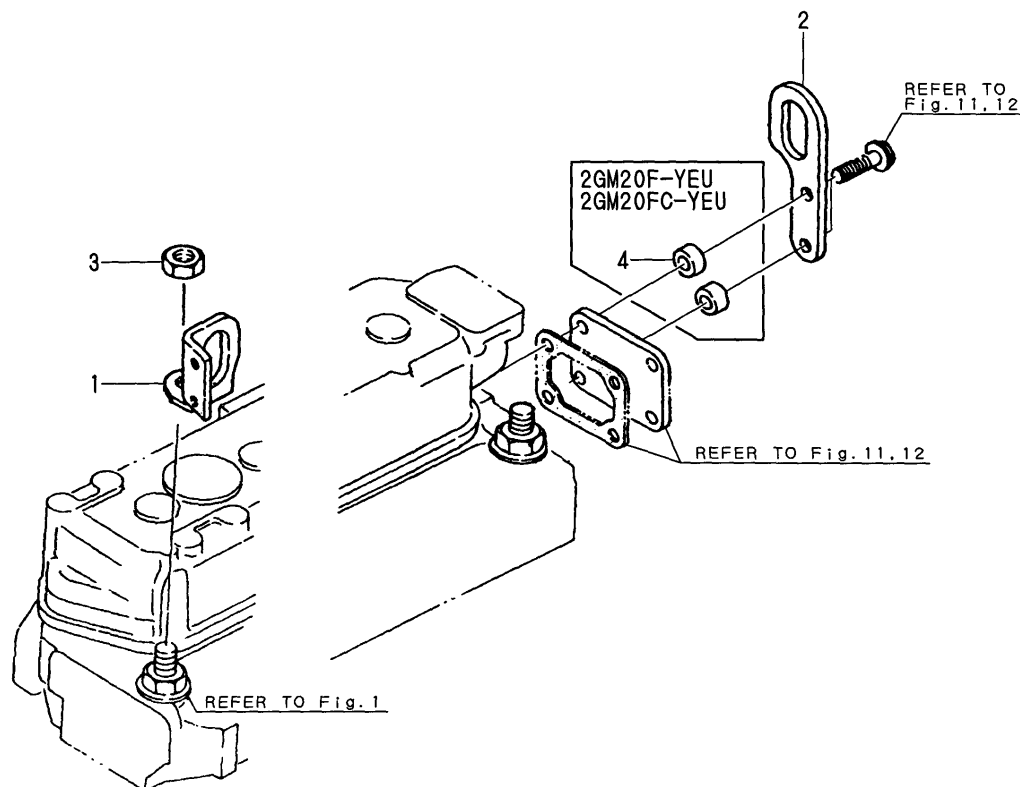
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New
Yes

S:Old
New
No

W:Add
Z:Discontinued
F:Interchangeable by set
K:Q'ty Change

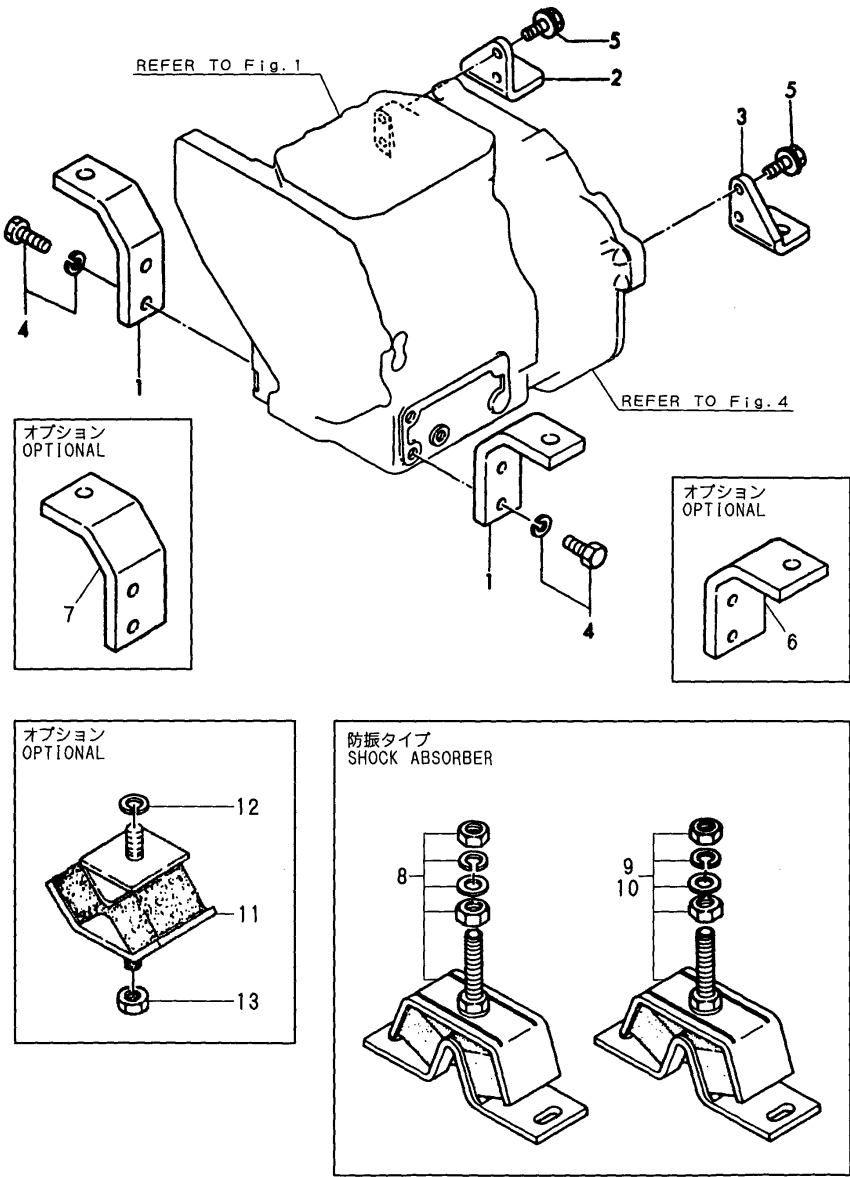
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Fig. 9 吊り上げ金具
ENGINE LIFTER



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

Fig.10 マウンティングフット
ENGINE BRACKET



(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128377-08100	FOOT	2	2	2	2				
2	1	128377-08120	FOOT	1	1	1	1				
3	1	128377-08130	FOOT	1	1	1	1				
4	1	26013-120302	BOLT, M12X 30	4	4	4	4				
5	1	26106-100252	BOLT, M10X 25 PLATED	4	4	4	4				
6	1	128271-08150	FOOT	1	1	1	1				1
6-1	1	128277-08150	FOOT	1	1	1	1			R	1
(A=E/#04898) (B=*1999.08) (C=E/#05032) (D=E/#04988)											
7	1	128271-08160	FOOT	1	1	1	1				1
7-1	1	128277-08160	FOOT	1	1	1	1			R	1
(A=E/#04898) (B=*1999.08) (C=E/#05032) (D=E/#04988)											
8	1	128377-08340	MOUNT, FLEXIBLE 75	2	2	2	2				
9	1	128377-08350	MOUNT, FLEXIBLE 100	2	2	2	2				
10	1	128377-08350	MOUNT, FLEXIBLE 100	4	4	4	4				1
11	1	129795-08340	ABSORBER, 150	1	1	1	1				1
12	1	22217-120000	WASHER, SPRING 12	2	2	2	2				1
13	1	26716-120002	NUT, M12	2	2	2	2				1

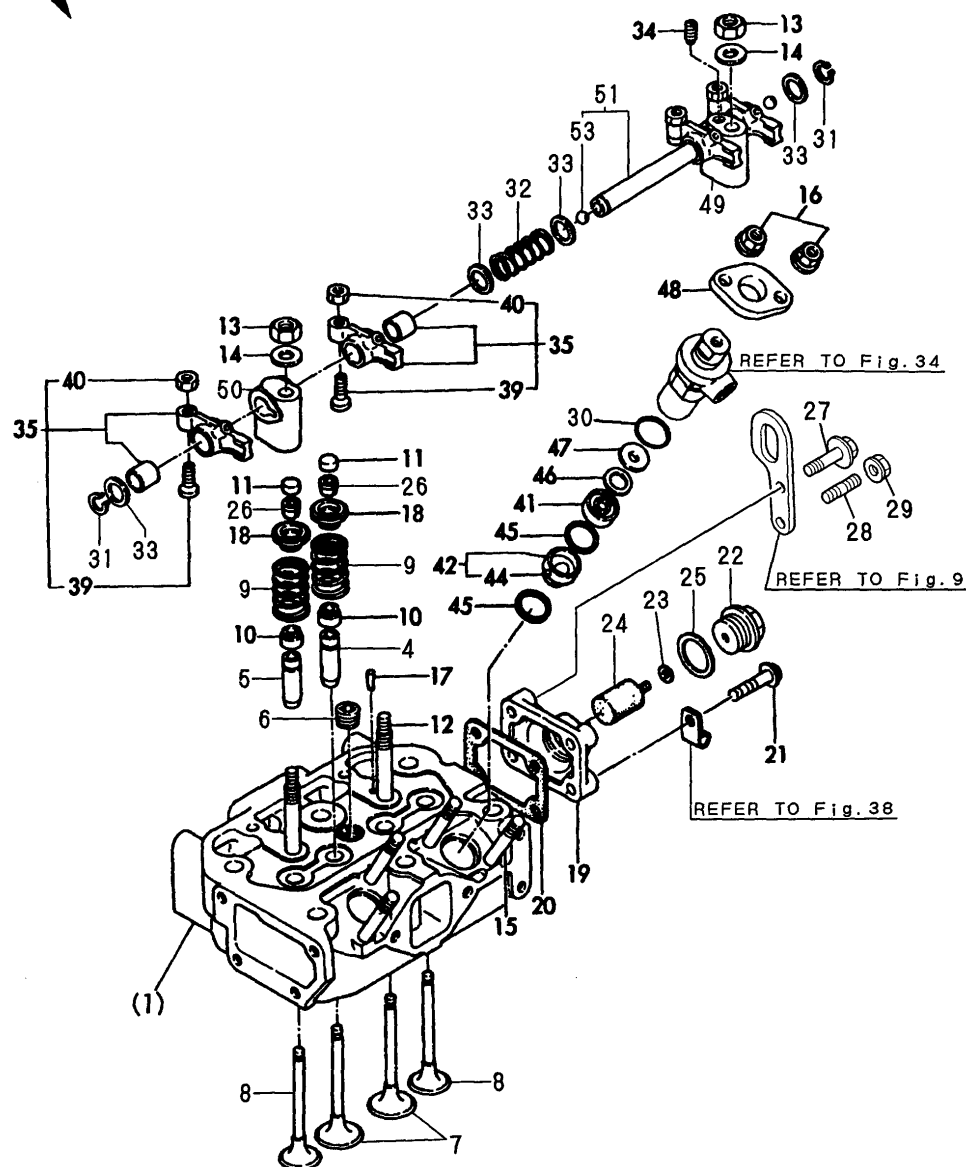
Remarks
(1)OPTIONAL

Fig.11. CYLINDER HEAD(2GM20,C-YEU)

(D)=2GM20FC-YEU
(E)=
(F)=

Fig. 11 シリンダヘッド (2GM20/C-YEU)
CYLINDER HEAD (2GM20/C-YEU)

見出しNo. 1は、見出しNo. (1) から29を含みます。
line. (1) ~ 29



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728272-11700	HEAD ASSY, CYLINDER	1	1						
4	3	124060-11160	GUIDE, VALVE	2	2						
5	3	128272-11170	GUIDE, VALVE	2	2						
6	3	23871-030000	PLUG, R03	1	1						
6-1	3	23876-030000	PLUG, R03	1	1						R
(A=*1999.06)		(B=*1999.06)									
7	2	105225-11100	VALVE, INTAKE	2	2						
8	2	105225-11110	VALVE, EXHAUST	2	2						
9	2	121575-11121	SPRING, VALVE	4	4						
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						
14-1	2	22117-100000	WASHER, 10	2	2						R
(A=E/#03401)		(B=E/#03411)									
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	121575-11670	COVER, HEAD	1	1						
20	2	121450-11681	GASKET	1	1						
21	2	26106-080302	BOLT, M8X 30 PLATED	1	1						
22	2	122780-09320	PLUG	1	1						
23	2	123210-09310	GASKET	1	1						
24	2	27210-200300	ZINC, SCREW20X30	1	1						
25	2	23414-250000	GASKET, 25X1.0	1	1						
26	2	27310-070001	COTTER, 7	4	4						
27	2	26106-080352	BOLT, M8X 35 PLATED	2	2						
28	2	26216-080352	STUD, M8X 35	1	1						
29	2	26366-080002	NUT, M8	1	1						
30	1	24341-000260	O-RING, 1AS26.0	2	2						
31	1	22242-000140	RING, 14	2	2						
32	1	121550-11280	SPRING	1	1						
33	1	121550-11290	WASHER	4	4						
34	1	128370-11290	SCREW	1	1						
35	1	724085-11650	ARM ASSY, ROCKER	4	4						
39	2	101158-11230	SCREW, VALVE ADJUST	4	4						
40	2	26756-080002	NUT, LOCK M8	4	4						
41	1	128275-11410	CHAMBER	2	2						
42	1	105311-11420	CHAMBER	2	2						
44	2	103338-11430	PIN	2	2						
45	1	124950-11450	GASKET, CHAMBER	4	4						
46	1	128275-11490	PROTECTOR	2	2						
47	1	128275-11500	COVER	2	2						
48	1	101147-11900	RETAINER	2	2						
49	1	121450-11260	SUPPORT, ROCKER ARM	1	1						
50	1	121450-11270	SUPPORT, ROCKER ARM	1	1						
51	1	124000-11240	SHAFT, ROCKER ARM	1	1						
53	2	24190-110001	BALL, STEEL 11/32	2	2						

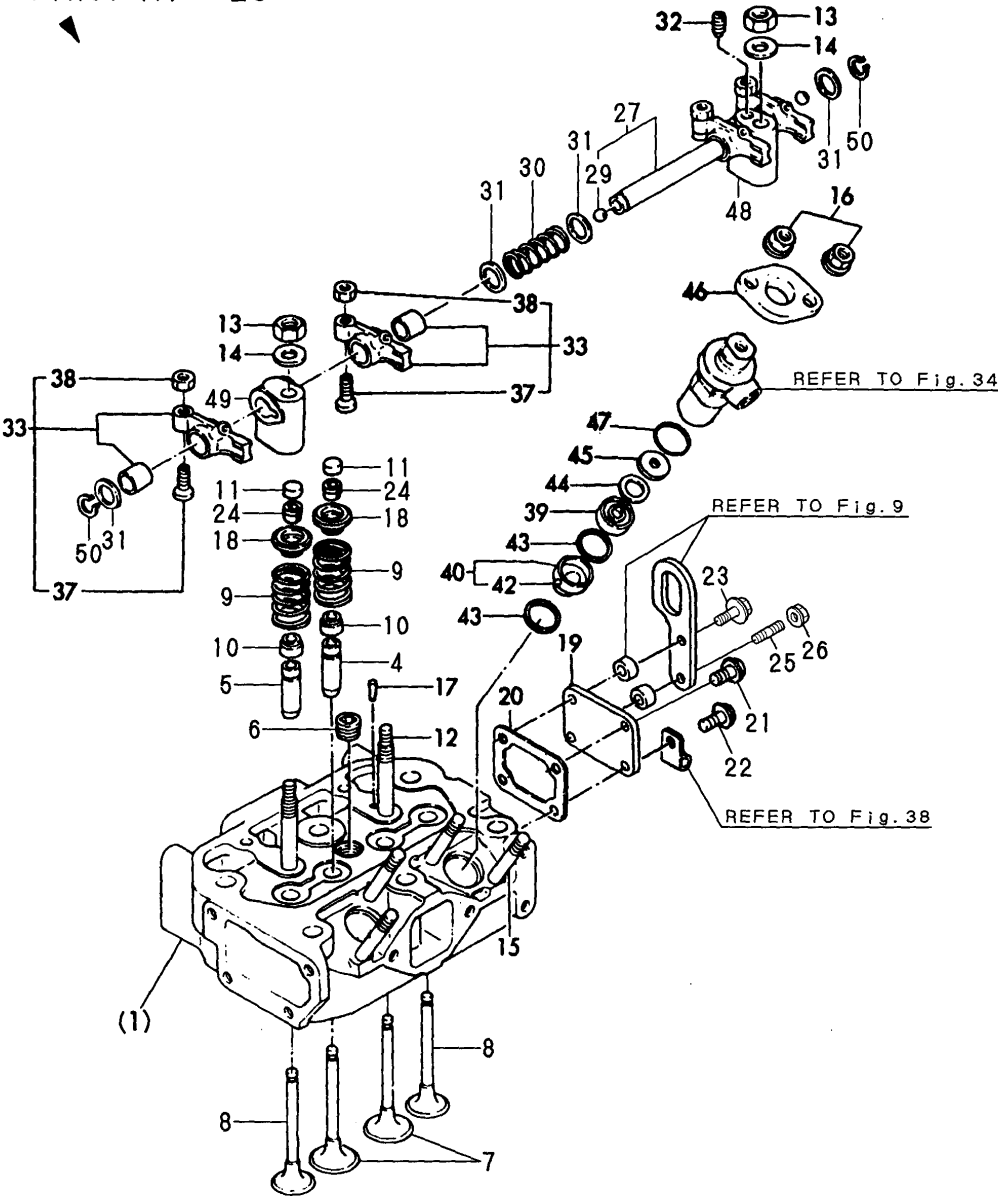
N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.12. CYLINDER HEAD(2GM20F,FC-YEU)

Fig. 12 シリンダヘッド (2GM20F/FC-YEU)
CYLINDER HEAD (2GM20F/FC-YEU)

見出しNo. 1は、見出しNo. (1) から26を含みます。
1 inc. (1) ~ 26

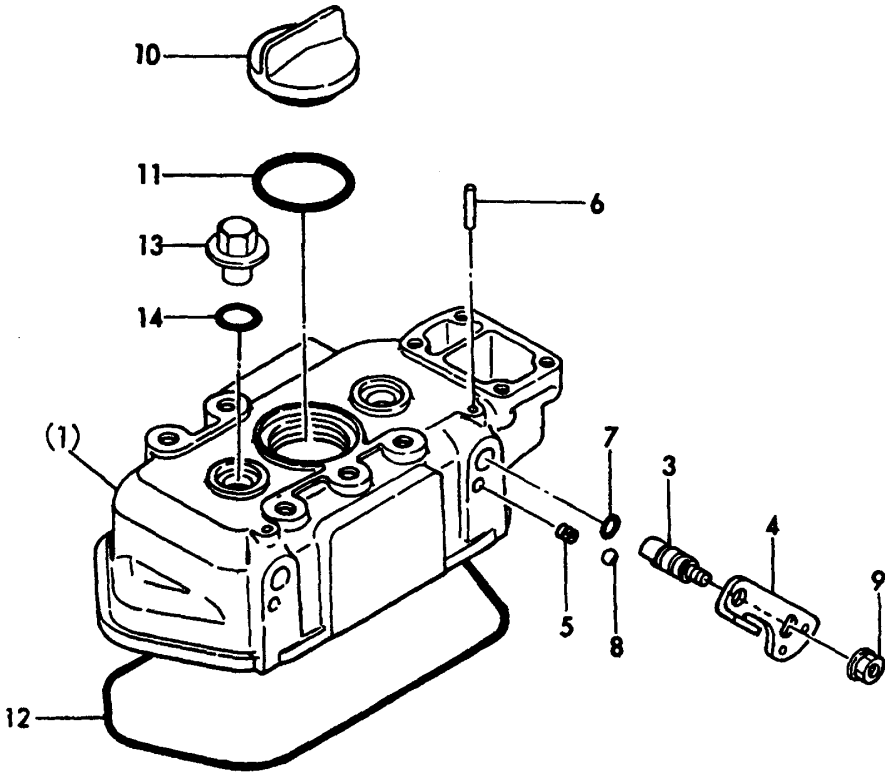


				OCR10-M47101		Fig.12			
				(A)=2GM20-YEU (B)=2GM20C-YEU (C)=2GM20F-YEU		(D)=2GM20FC-YEU (E)= (F)=			
No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	728291-11700	HEAD ASSY, CYLINDER			1	1		
4	3	124060-11160	GUIDE, VALVE			2	2		
5	3	128272-11170	GUIDE, VALVE			2	2		
6	3	23871-030000	PLUG, R03			1	1		
6-1	3	23876-030000	PLUG, R03			1	1		R
(C=*1999.06) (D=*1999.06)									
7	2	105225-11100	VALVE, INTAKE			2	2		
8	2	105225-11110	VALVE, EXHAUST			2	2		
9	2	121575-11121	SPRING, VALVE			4	4		
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		
14-1	2	22117-100000	WASHER, 10			2	2		R
(C=E/#03379) (D=E/#03407)									
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	121450-11681	GASKET			1	1		
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			1	1		
24	2	27310-070001	COTTER, 7			4	4		
25	2	26216-080352	STUD, M8X 35			1	1		
26	2	26366-080002	NUT, M8			1	1		
27	1	124000-11240	SHAFT, ROCKER ARM			1	1		
29	2	24190-110001	BALL, STEEL 11/32			2	2		
30	1	121550-11280	SPRING			1	1		
31	1	121550-11290	WASHER			4	4		
32	1	128370-11290	SCREW			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		
48	1	121450-11260	SUPPORT, ROCKER ARM			1	1		
49	1	121450-11270	SUPPORT, ROCKER ARM			1	1		
50	1	22242-000140	RING, 14			2	2		

Fig.13. BONNET

Fig. 13 ボンネット
BONNET

見出しNo. 1は、見出しNo. (1) から12を含みます。
1 inc. (1) ~ 12



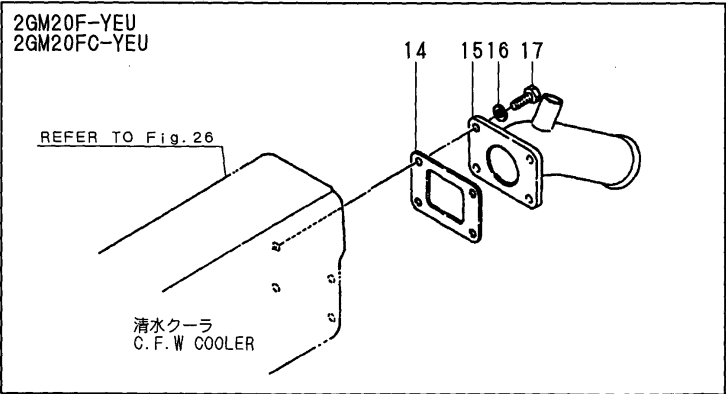
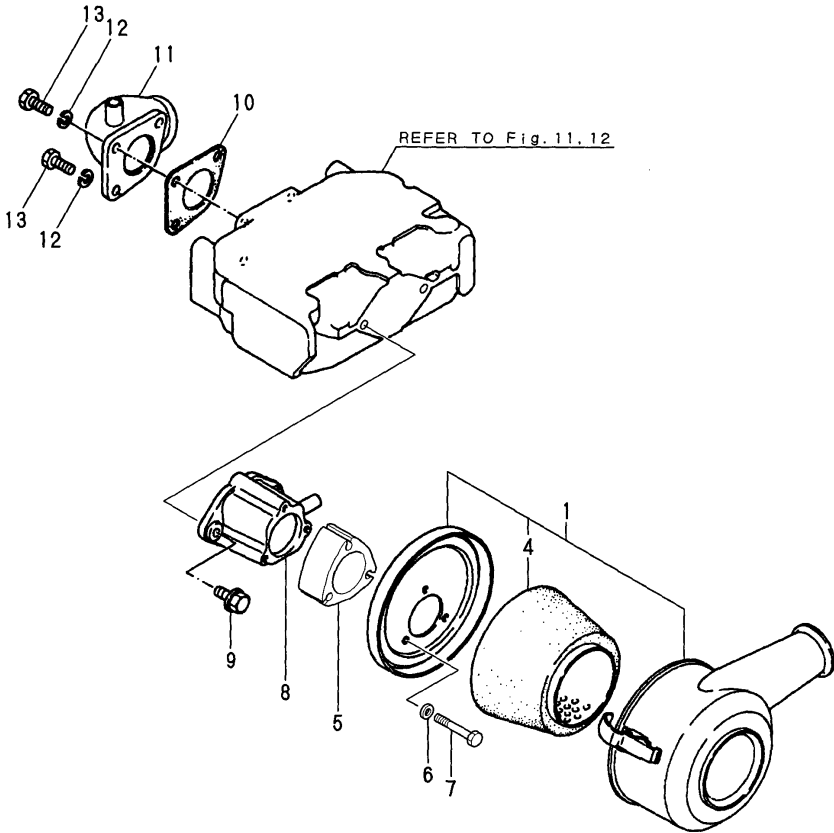
(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

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				
3	2	128270-03610	SHAFT, DECOMPRESSION	2	2	2	2				
4	2	128270-03750	LEVER, DECOMPRESSION	2	2	2	2				
5	2	128270-03640	SPRING, DECOMPRESSION	2	2	2	2				
6	2	22312-030220	PIN, PARALLEL M3X22	2	2	2	2				
7	2	24311-000070	O-RING, 1AP7.0	2	2	2	2				
8	2	24190-080001	BALL, STEEL 1/4	2	2	2	2				
9	2	26366-060002	NUT, M6	2	2	2	2				
10	2	124160-01751	COVER, FILLER	1	1	1	1				
11	2	24321-000350	O-RING, 1AG35.0	1	1	1	1				
12	2	128270-11310	GASKET, BONNET	1	1	1	1				
13	1	124160-11360	KNOB	2	2	2	2				
14	1	24311-000120	O-RING, 1AP12.0	2	2	2	2				

Fig.14. SUCTION MANIFOLD & MIXING ELBOW

Fig.14 吸気マニホールド&ミキシングエルボ
SUCTION MANIFOLD & MIXING ELBOW



(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

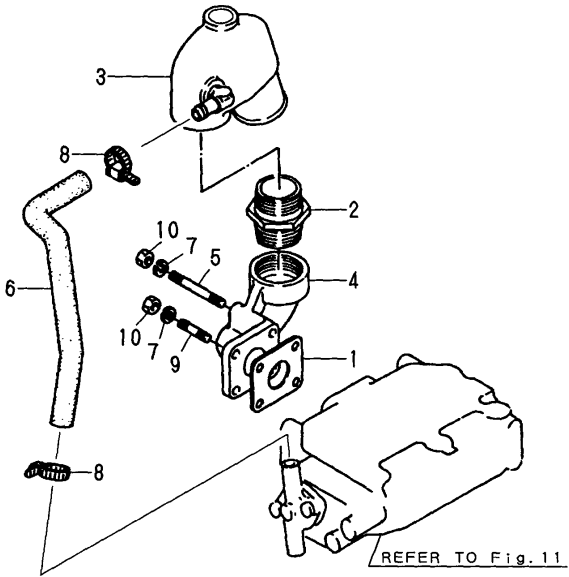
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128377-12500	SILENCER	1	1	1	1				
4	2	128377-12530	ELEMENT	1	1	1	1				
5	1	128277-12711	SPACER	1	1	1	1				
6	1	22117-060000	WASHER, 6	3	3	3	3				
7	1	26106-060402	BOLT, M6X 40 PLATED	3	3	3	3				
8	1	128270-12700	PIPE, AIR INTAKE	1	1	1	1				
9	1	26106-080182	BOLT, M8X 18 PLATED	2	2	2	2				
10	1	128170-13201	GASKET	1	1						
11	1	128170-13530	ELBOW	1	1						
12	1	22217-080000	WASHER, SPRING 8	3	3						
13	1	26115-080202	BOLT, M8X 20	3	3						
14	1	128370-13201	GASKET			1	1				
15	1	128397-13530	ELBOW			1	1				
16	1	22217-080000	WASHER, SPRING 8			4	4				
17	1	26203-080202	BOLT, M8X 20 PLATED			4	4				

Fig.15. MIXING ELBOW(OPTIONAL)

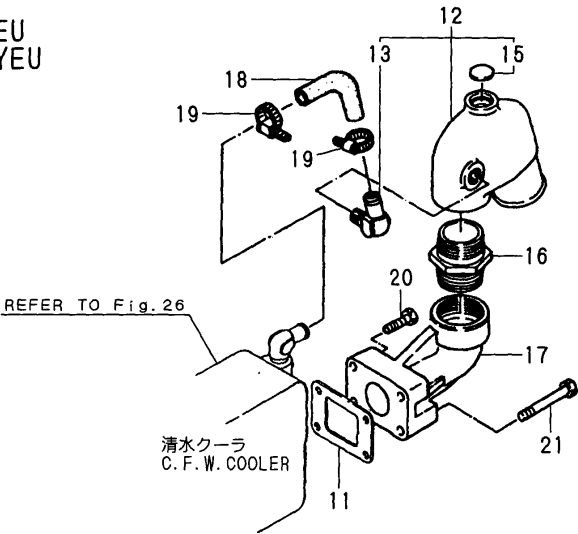
Fi g. 15

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

2GM20-YEU
2GM20C-YEU



2GM20F-YEU
2GM20FC-YEU

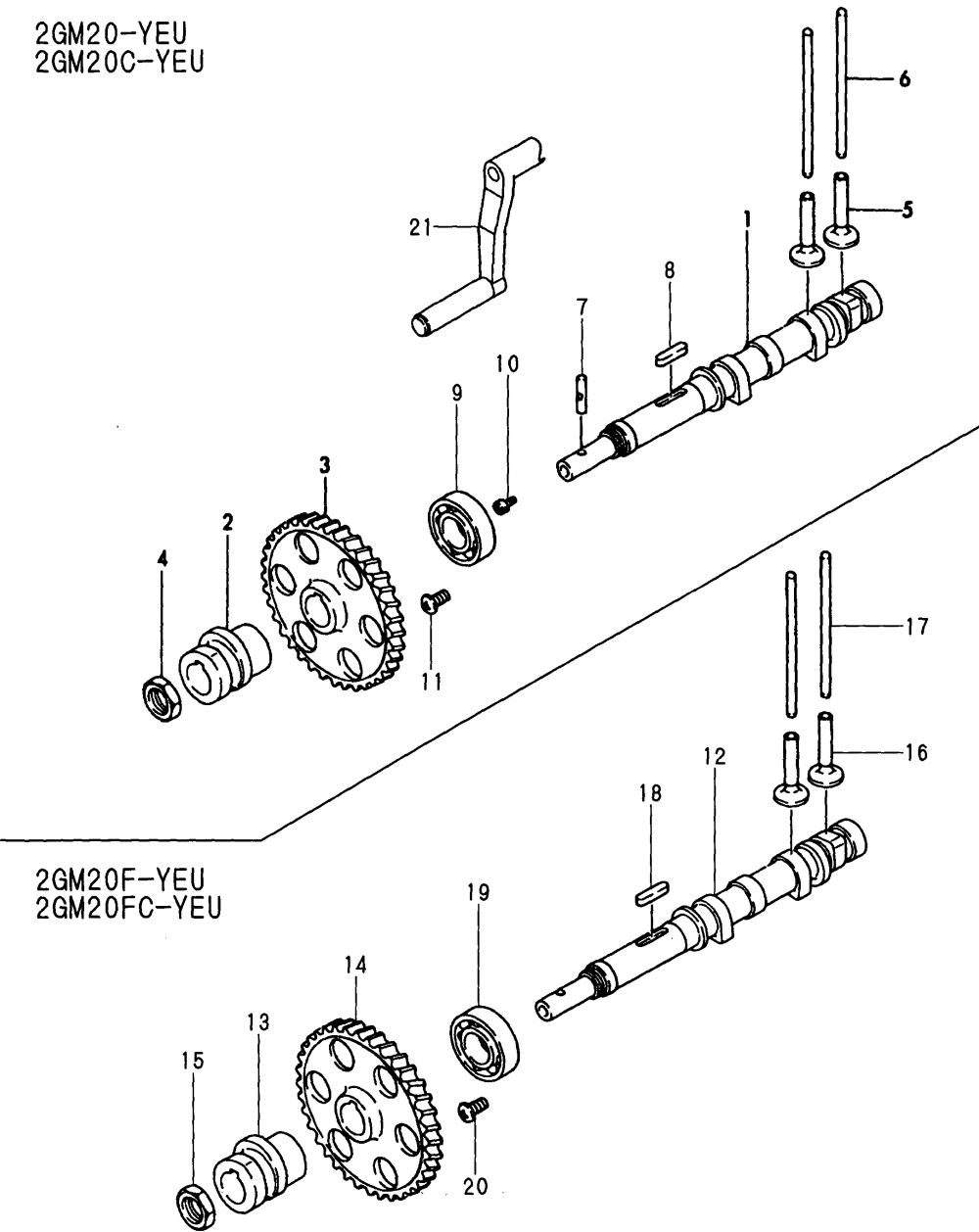


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124000-13201	GASKET, SILENCER	1	1						
2	1	104214-13580	JOINT	1	1						
3	1	128270-13600	ELBOW ASSY	1	1						
4	1	128270-13610	ELBOW	1	1						
5	1	128270-13650	STUD	2	2						
6	1	128270-49250	PIPE, WATER	1	1						
7	1	22217-080000	WASHER, SPRING 8	4	4						
8	1	23000-022000	CLAMP, 22	2	2						
9	1	26213-080222	STUD, M8X 22	2	2						
10	1	26713-080002	NUT, M8	4	4						
11	1	128370-13201	GASKET			1	1				
12	1	124070-13520	ELBOW			1	1				
13	2	124070-13300	ELBOW, PT3/8			1	1				
15	2	27233-250000	PLUG, 25			1	1				
16	1	104214-13580	JOINT			1	1				
17	1	128370-13610	ELBOW			1	1				
18	1	128690-49250	PIPE, WATER			1	1				
19	1	23000-025000	CLAMP, 25			2	2				
20	1	26203-080402	BOLT, M8X 40 PLATED			2	2				
21	1	26203-080602	BOLT, M8X 60 PLATED			2	2				

Fig.16. CAMSHAFT

Fig. 16 カムシャフト
CAMSHAFT

2GM20-YEU
2GM20C-YEU



2GM20F-YEU
2GM20FC-YEU

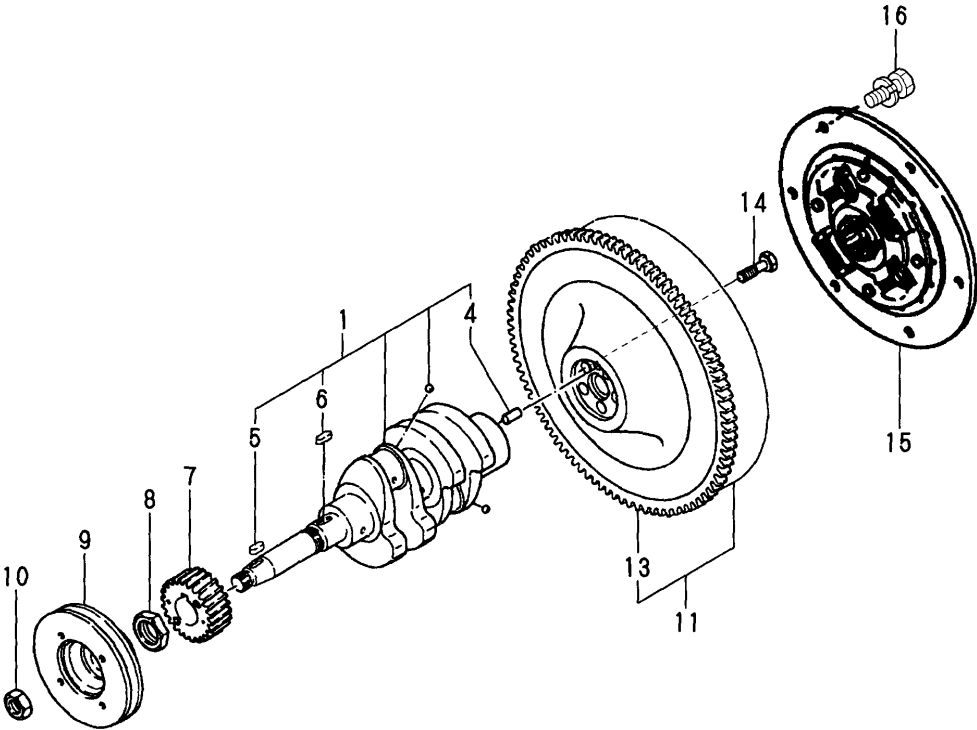
(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-14010	CAMSHAFT	1	1						
2	1	124000-14090	CAM, FUEL	1	1						
3	1	129350-14100	GEAR, CAMSHAFT	1	1						
4	1	128170-14150	NUT	1	1						
5	1	104200-14200	TAPPET	4	4						
6	1	121450-14400	ROD, PUSH	4	4						
7	1	124070-14760	PIN	1	1						
8	1	22512-070300	KEY, 7X 30	1	1						
9	1	24101-062054	BEARING, BALL 6205	1	1						
10	1	26450-050102	BOLT, M5X 10	1	1						
11	1	26587-080122	SCREW, M8X12	1	1						
12	1	128270-14010	CAMSHAFT			1	1				
13	1	124000-14090	CAM, FUEL			1	1				
14	1	129350-14100	GEAR, CAMSHAFT			1	1				
15	1	128170-14150	NUT			1	1				
16	1	104200-14200	TAPPET			4	4				
17	1	121450-14400	ROD, PUSH			4	4				
18	1	22512-070300	KEY, 7X 30			1	1				
19	1	24101-062054	BEARING, BALL 6205			1	1				
20	1	26587-080122	SCREW, M8X12			1	1				
21	1	128170-76790	HANDLE, STARTING	1	1						

Fig.17. CRANKSHAFT & FLYWHEEL

Fig. 17 クランクシャフト&フライホイール
CRANKSHAFT & FLYWHEEL

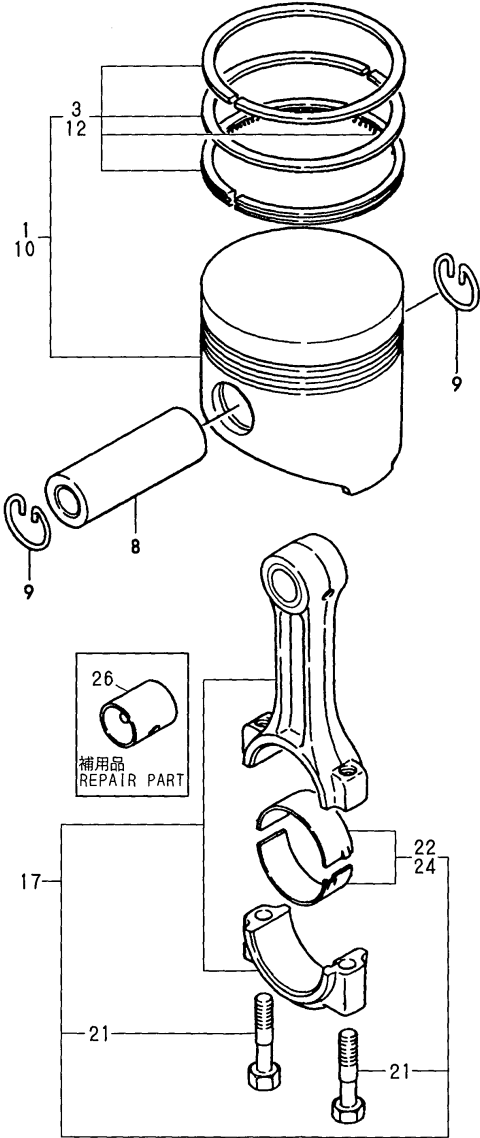


OCR10-M47101 Fig.17
(A)=2GM20-YEU (D)=2GM20FC-YEU
(B)=2GM20C-YEU (E)=
(C)=2GM20F-YEU (F)=

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				
4	2	129100-01580	PIN, M8X16	1	1	1	1				
5	2	22512-070180	KEY, 7X 18	1	1	1	1				
6	2	22512-070180	KEY, 7X 18	1	1	1	1				
7	1	129350-21200	GEAR, CRANKSHAFT	1	1	1	1				
8	1	121450-21541	NUT, CRANKSHAFT GEAR	1	1	1	1				
9	1	128270-21651	V-PULLEY	1	1	1	1				
10	1	26776-180002	NUT, LOCK M18	1	1	1	1				
11	1	128271-21590	FLYWHEEL ASSY	1	1	1	1				
13	2	124950-21600	GEAR, RING	1	1	1	1				
14	1	121574-21500	BOLT, FLYWHEEL 10 45	5	5	5	5				
15	1	177070-03501	DISK, DAMPER D170	1	1	1	1				
16	1	26013-080142	BOLT, M8X 14	6	6	6	6				

Fig.18. PISTON & CONNECTING ROD

Fig.18 ピストン&コネクティングロッド
PISTON & CONNECTING ROD



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

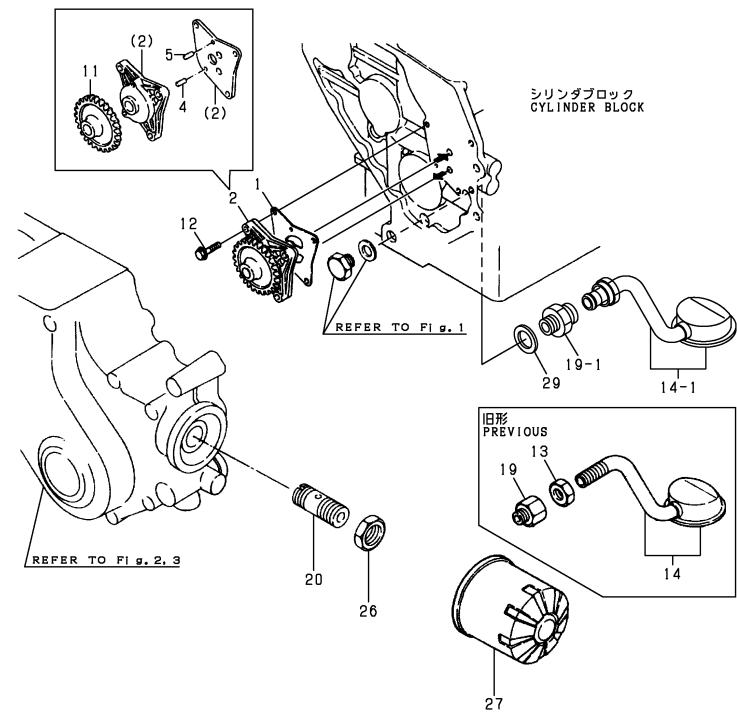
OCR10-M47101 Fig.18
(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU
(D)=2GM20FC-YEU
(E)=
(F)=

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				
3	2	705311-22500	RING SET, PISTON	2	2	2	2				
8	1	105225-22300	PIN, PISTON	2	2	2	2				
9	1	105225-22400	CIRCLIP	4	4	4	4				
10	1	128171-22250	PISTON ASSY, 0.25 OS	2	2	2	2				3
12	2	705325-22540	RING SET, 0.25 OS	2	2	2	2				3
17	1	728171-23100	ROD ASSY, CONNECTING	2	2	2	2				
21	2	105225-23200	BOLT, CONNECTING ROD	4	4	4	4				
22	2	705311-23600	BEARING, CRANK PIN	2	2	2	2				
24	1	105311-23380	METAL ASSY, 0.25	2	2	2	2				1
26	1	105225-23180	BEARING, PISTON PIN	2	2	2	2				2

Fig.19. LUB.OIL PUMP & LUB.OIL STRAINER

Y00R47111

Fig. 19 潤滑油ポンプ&潤滑油フィルタ
LUB.OIL PUMP & LUB.OIL STRAINER



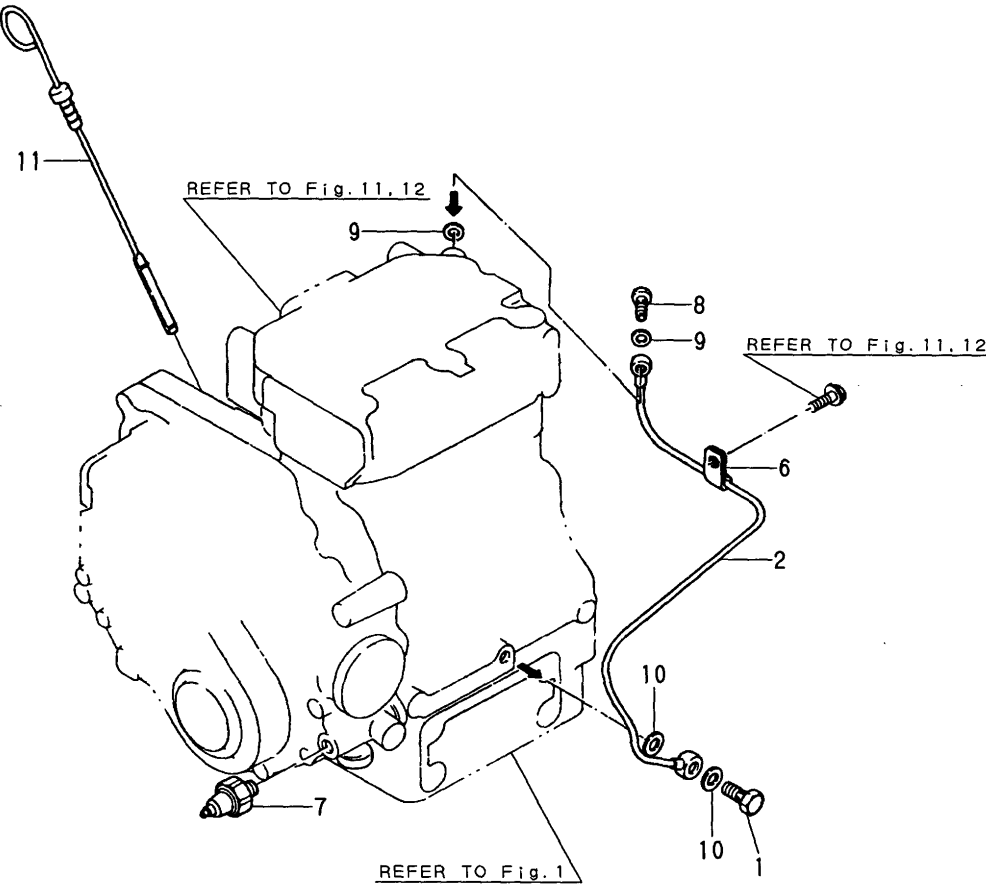
Remarks
(1)Interchangeable by simultaneous replacement with Ref.No.14-1,19-1 & 29.
(2)O-ring is integrated type. (integrated to the LO.filter)

OCR10-M47101 Fig.19
(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU
(D)=2GM20FC-YEU
(E)=
(F)=

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				
2	1	121575-32090	PUMP ASSY, OIL	1	1	1	1				
4	2	121450-32050	PIN	1	1	1	1				
5	2	121450-32060	PIN, 4X8	1	1	1	1				
11	2	121450-32200	GEAR, OIL PUMP	1	1	1	1				
12	1	26013-060222	BOLT, M6X 22	3	3	3	3				
13	1	124450-35070	NUT, PF1/4	1	1	1	1			Z	
(A=E/#02827) (B=E/#02971) (C=E/#02829) (D=E/#02893)											
14	1	128270-35090	PIPE ASSY, OIL INLET	1	1	1	1				
14-1	1	128277-35090	PIPE ASSY, INLET	1	1	1	1			F	1
(A=E/#02827) (B=E/#02971) (C=E/#02829) (D=E/#02893)											
19	1	121150-35100	BRACKET	1	1	1	1				
19-1	1	128377-35030	RETAINER	1	1	1	1			S	1
(A=E/#02827) (B=E/#02971) (C=E/#02829) (D=E/#02893)											
20	1	124085-35300	VALVE ASSY, CONTROL	1	1	1	1				
26	1	124085-35350	NUT, M20	1	1	1	1				
27	1	119305-35170	FILTER ASSY, D68XL65	1	1	1	1				
29	1	23414-130000	GASKET, 13X1.0	1	1	1	1			W	1
(A=E/#02827) (B=E/#02971) (C=E/#02829) (D=E/#02893)											

Fig.20. LUB.OIL PIPE & LUB.OIL DIPSTICK

Fig.20 潤滑油パイプ&検油棒
LUB.OIL PIPE & LUB.OIL DIPSTICK



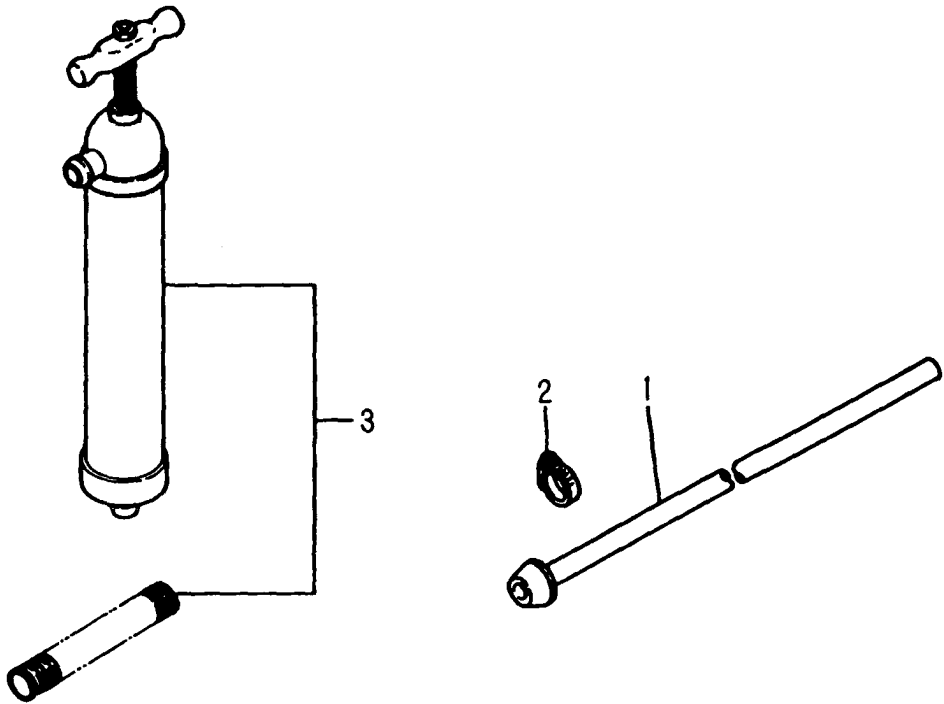
OCR10-M47101 Fig.20
(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU
(D)=2GM20FC-YEU
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124160-39140	BOLT, PIPE JOINT M10	1	1	1	1				
2	1	128270-39200	PIPE, OIL	1	1	1	1				
6	1	124450-39240	RETAINER, PIPE	1	1	1	1				
7	1	124060-39451	SWITCH, 0.2KG	1	1	1	1				
7-1	1	124060-39452	SWITCH, 0.2KG	1	1	1	1				N
(A)=*2000.02 (B)=*2000.02 (C)=*2000.02 (D)=*2000.02											
8	1	124550-59820	BOLT, PIPE JOINT M8	1	1	1	1				
9	1	23414-080000	GASKET, 8X1.0	2	2	2	2				
10	1	23414-100000	GASKET, 10X1.0	2	2	2	2				
11	1	128270-34800	DIPSTICK, OIL	1	1	1	1				

(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

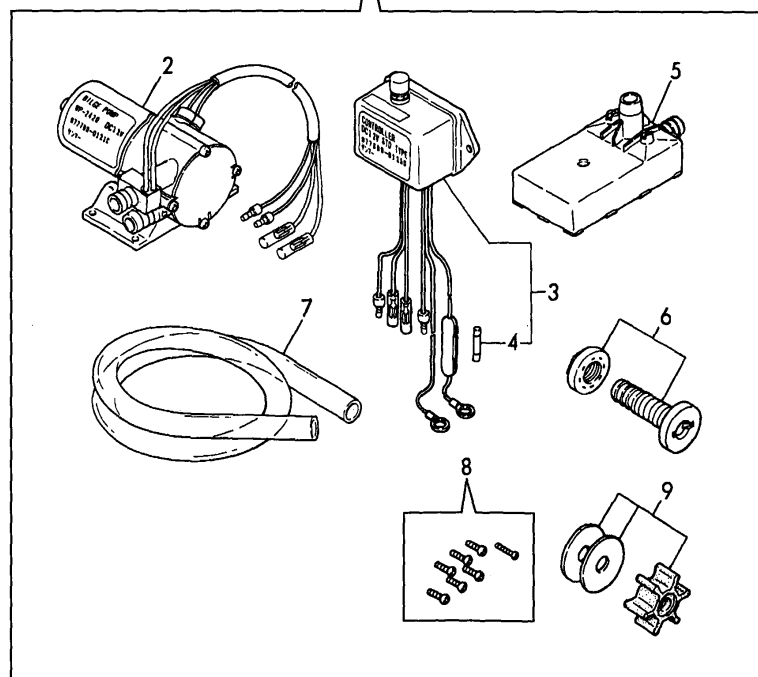
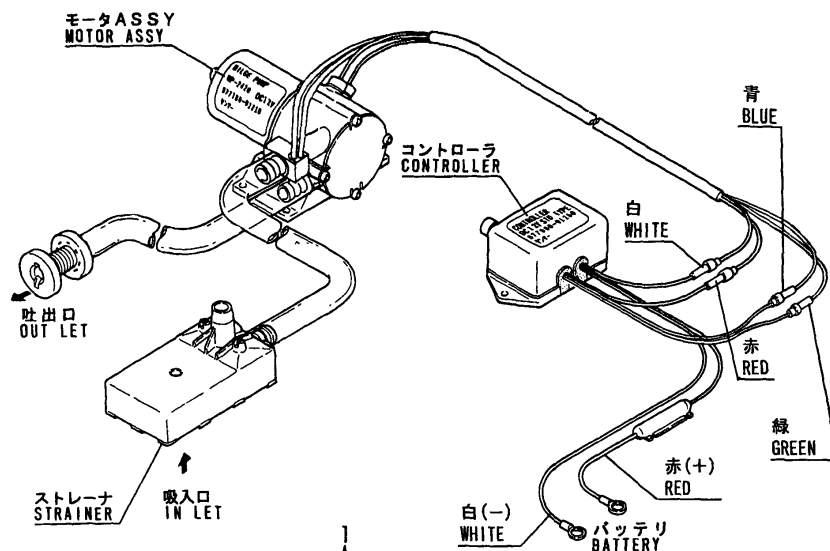
(D)=2GM20FC-YEU
(E)=
(F)=

Fig. 21 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	128275-39710	PIPE, OIL	1	1	1	1				
2	1	23080-018000	CLAMP, 18	3	3	3	3				
3	1	28210-000080	PUMP	1	1	1	1				

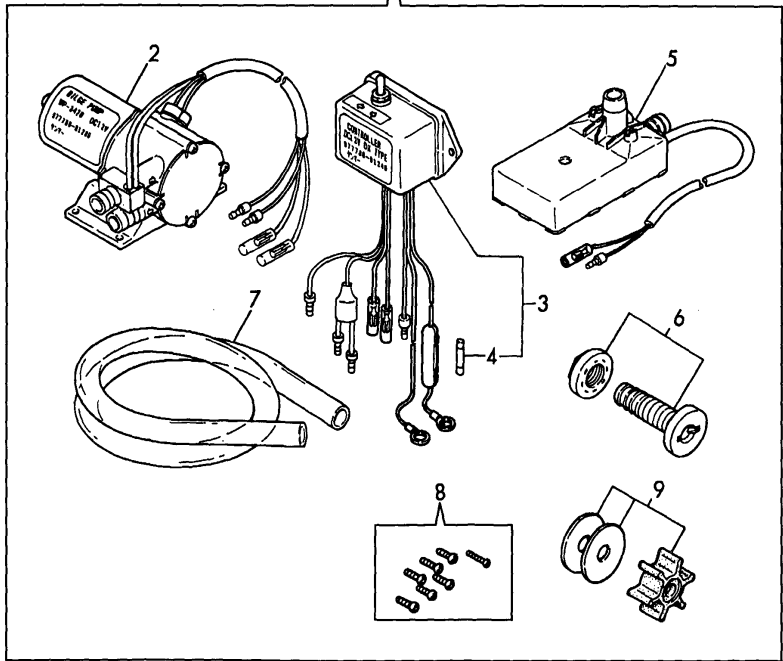
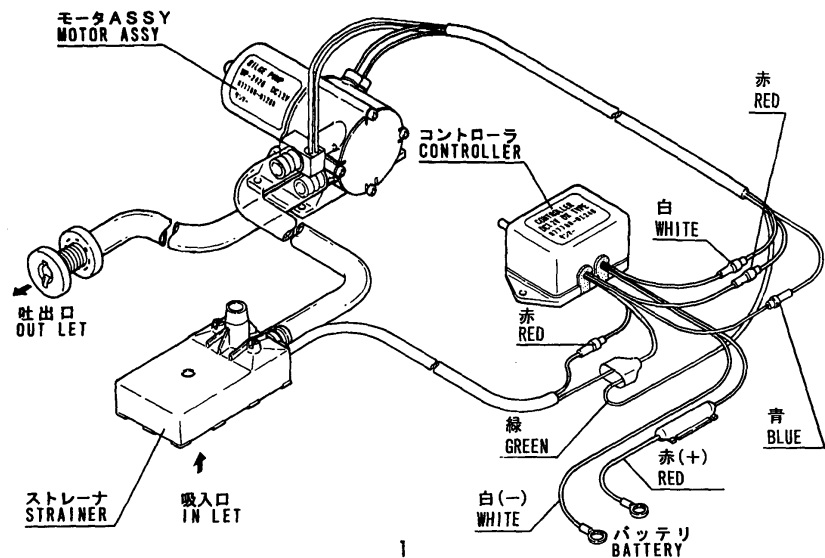
Fig. **22** ビルジポンプ (STD, オプション)
BILGE PUMP (STD, OPTIONAL)



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

Fig.23. BILGE PUMP(DX,OPTIONAL)

Fig.23 ビルジポンプ (DX, オプション)
BILGE PUMP (DX, OPTIONAL)



(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

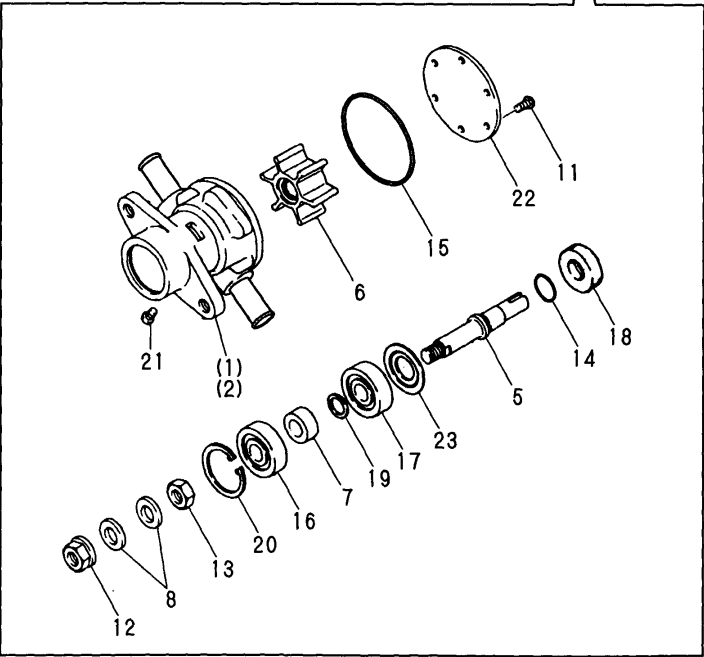
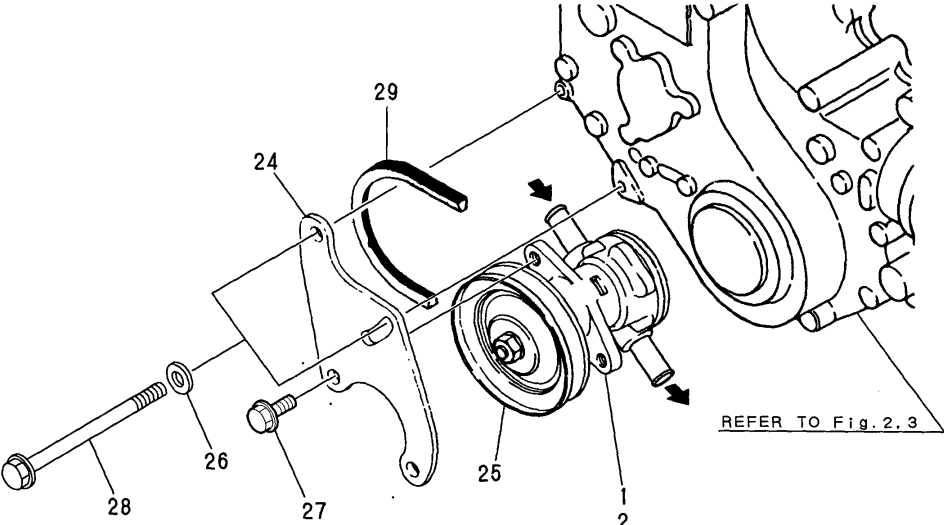
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	977780-01200	PUMP(12V).BILGE	1	1	1	1				
2	2	977780-01230	MOTOR ASSY(BILG PUMP	1	1	1	1				
3	2	977780-01240	CONTROLLER	1	1	1	1				
4	3	X8636008003	FUSE	1	1	1	1				
5	2	X179100011X	STRAINER	1	1	1	1				
6	2	X179100100X	PIPE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

Fig.24. COOLING SEA WATER PUMP

(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

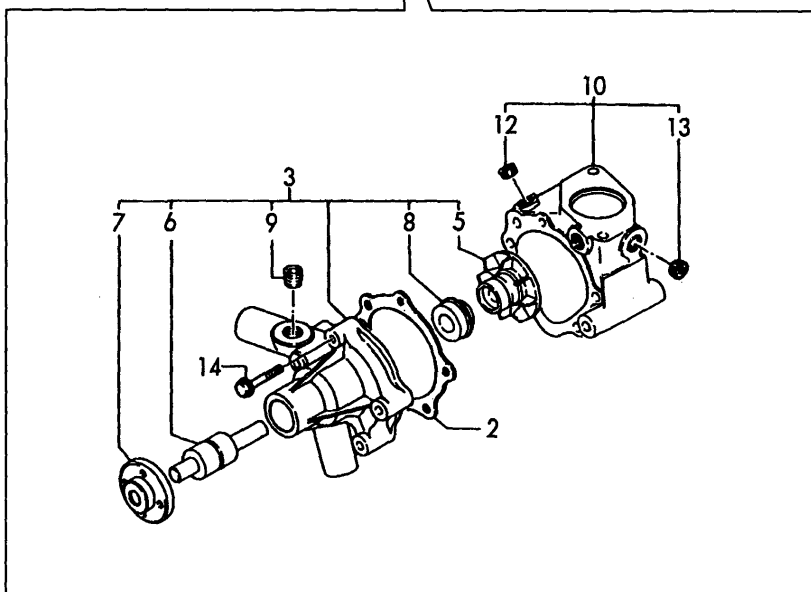
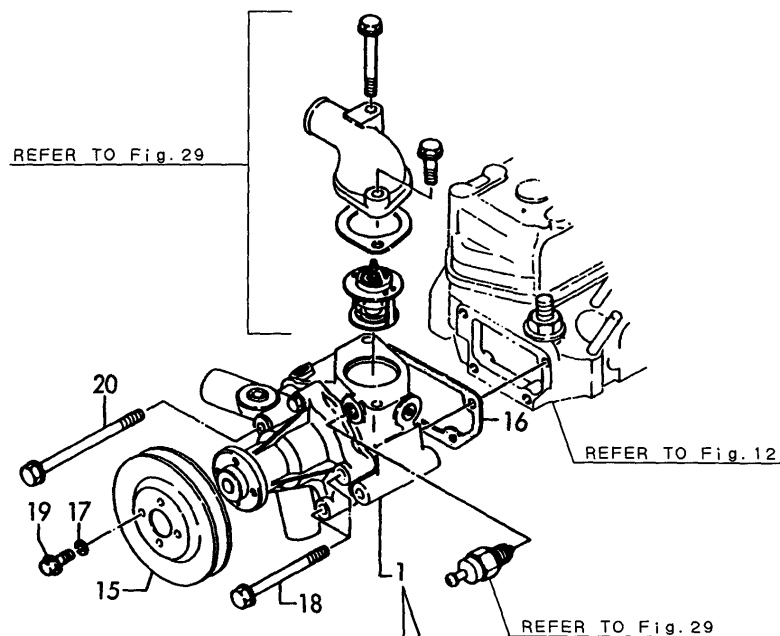
(D)=2GM20FC-YEU
(E)=
(F)=

Fig.24 冷却水ポンプ (海水)
COOLING SEA WATER PUMP



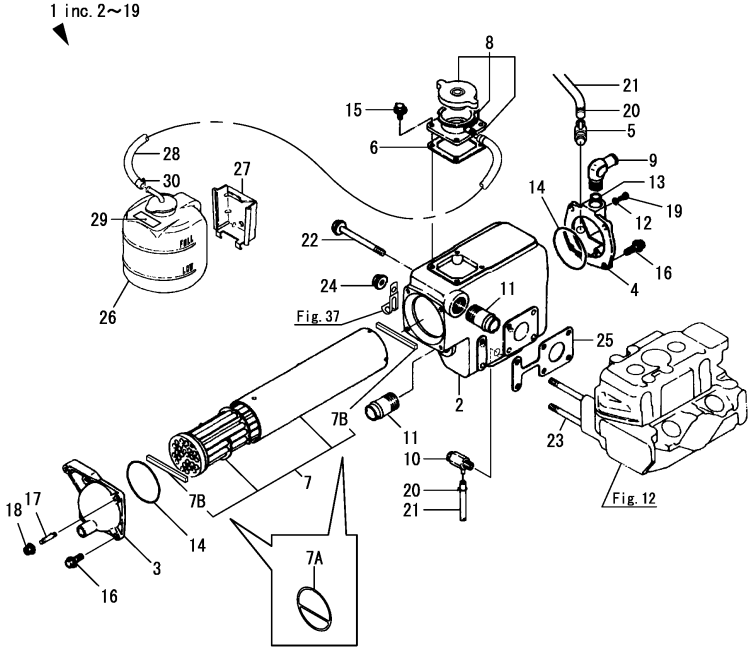
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128377-42500	PUMP ASSY, WATER	1	1						
2	1	128397-42500	PUMP ASSY, WATER			1	1				
5	2	X0146541	SHAFT	1	1	1	1				
6	2	X08810B	IMPELLER	1	1	1	1				
7	2	X0146496	SPACER	1	1	1	1				
7-1	2	X0146542	SPACER	1	1	1	1			N	
(A=E/#02275) (B=E/#02278) (C=E/#02274) (D=E/#02292)											
8	2	X0501133	WASHER	2	2	2	2				
11	2	X0504163	SCREW	6	6	6	6				
11-1	2	128377-42520	SCREW	6	6	6	6			R	
(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST) (D=FROM 1ST)											
12	2	X0505527	NUT, LOCK	1	1	1	1				
13	2	X0505528	NUT	1	1	1	1				
14	2	X0506513	O-RING	1	1	1	1				
15	2	X0506523	O-RING	1	1	1	1				
15-1	2	X0506597	O-RING	1	1	1	1			N	
(A=E/#02275) (B=E/#02278) (C=E/#02274) (D=E/#02292)											
16	2	X0508124	BEARING, BALL	1	1	1	1				
17	2	X0508130	BEARING, BALL	1	1	1	1				
18	2	X0529139	SEAL, LIP	1	1	1	1				
19	2	X0534501	RING, RETAINING	1	1	1	1				
20	2	X0534511	RING, RETAINING	1	1	1	1				
21	2	X0504124	SCREW	1	1	1	1				
22	2	X0142398	COVER	1	1	1	1				
23	2	X0145050	PLATE	1	1	1	1				
24	2	128377-42150	BRACKET, PUMP	1	1	1	1				
25	2	124070-42400	V-PULLEY	1	1	1	1				
26	1	22137-080000	WASHER, 8	2	2	2	2				
27	1	26106-080122	BOLT, M8X 12 PLATED	2	2	2	2				
28	1	26106-081202	BOLT, M8X120 PLATED	2	2	2	2				
29	1	104511-78780	V-BELT, M/19	1	1	1	1				

Fig. **25** 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				
9-1	3	23876-030000	PLUG, R03			1	1				R
			(C=*1999.06)	(D=*1999.06)							
10	2	728695-43500	BRACKET ASSY			1	1				
12	3	23871-020000	PLUG, R02			1	1				
12-1	3	23876-020000	PLUG, R02			1	1				R
			(C=*1999.06)	(D=*1999.06)							
13	3	23871-030000	PLUG, R03			1	1				
13-1	3	23876-030000	PLUG, R03			1	1				R
			(C=*1999.06)	(D=*1999.06)							
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.26. COOLING FRESH WATER COOLER

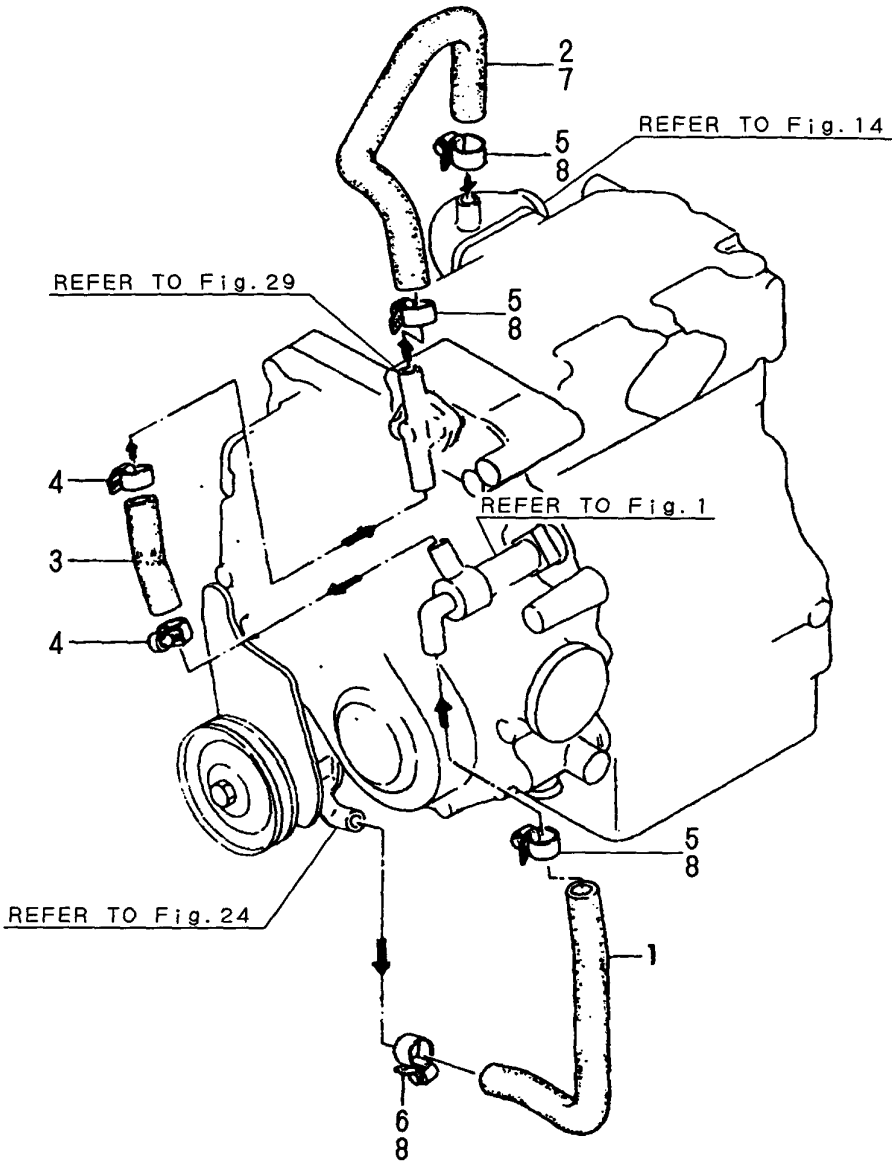


Remarks
(1)From made of VALEO made of MOTA.
(2)GASKET addition arrangements main
point when CORE ASSY is exchanged
cooler by manufacturer change.

						OCR10-M47101		Fig.26	
						(A)=2GM20-YEU (B)=2GM20C-YEU (C)=2GM20F-YEU		(D)=2GM20FC-YEU (E)= (F)=	
No.	Lev.	Parts No.	Description			(A)	(B)	Q'ty	
						(C)	(D)	(E)	(F)
1	1	128297-44900	COOLER ASSY, WATER			1	1		
1-1	1	128297-44901	COOLER ASSY, WATER (C=EXXXXX) (D=EXXXXX)			1	1		
									R 1
2	2	128297-44010	BODY, COOLER			1	1		
3	2	128297-44050	COVER			1	1		
4	2	128397-44060	COVER			1	1		
5	2	128695-44090	COCK			1	1		
5-1	2	129670-49290	COCK ASSY, R1/8 (C=*2000.03) (D=*2000.03)			1	1		
									R
6	2	123682-44201	GASKET			1	1		
7	2	128297-44400	CORE ASSY, COOLER			1	1		
7-1	2	128297-44401	CORE ASSY, COOLER (C=EXXXXX) (D=EXXXXX)			1	1		
									F 2
7A	2	128297-44030	GASKET (C=EXXXXX) (D=EXXXXX)			2	2		
									W 2
7B	3	128297-44490	SEAL (C=FROM 1ST) (D=FROM 1ST)			2	2		
									W
7B-1	3	128297-44490	SEAL (C=EXXXXX) (D=EXXXXX)			2	2		
									Z
8	2	128397-44600	FILLER ASSY			1	1		
9	2	128690-49310	ELBOW			1	1		
9-1	2	128397-49310	ELBOW (C=E/#02829) (D=E/#02893)			1	1		
									R
10	2	120130-49350	COCK, 1/4			1	1		
10-1	2	119620-49290	COCK ASSY, 1/4 (C=*2000.04) (D=*2000.04)			1	1		
									N
11	2	124160-49480	JOINT, PIPE			2	2		
12	2	23414-050000	GASKET, 5X1.0			1	1		
13	2	24311-000160	O-RING, 1AP16.0			1	1		
14	2	24311-000700	O-RING, 1AP70.0			2	2		
15	2	26106-060142	BOLT, M6X 14 PLATED			4	4		
16	2	26106-060182	BOLT, M6X 18 PLATED			7	7		
17	2	26216-060182	STUD, M6X 18			1	1		
18	2	26366-060002	NUT, M6			1	1		
19	2	26554-050102	SCREW, M5X10			1	1		
19-1	2	128297-49320	SCREW (C=E/#03149) (D=E/#03157)			1	1		
									N
20	1	124460-77680	RETAINER			2	2		
21	1	23061-070300	PIPE, 7X 300			2	2		
22	1	26106-080852	BOLT, M8X 85 PLATED			4	4		
23	1	26216-080852	STUD, M8X 85			2	2		
24	1	26366-080002	NUT, M8			2	2		
25	1	128290-13251	GASKET			1	1		
26	1	128397-44500	TANK ASSY, SUB			1	1		
27	1	128397-44510	BRACKET			1	1		
28	1	124790-44560	PIPE, WATER L=1000			1	1		
29	1	129670-44570	LABEL			1	1		
30	1	23010-013000	CLAMP 13			2	2		

Fig.27. COOLING SEA WATER PIPE(2GM20,C-YEU)

Fig.27 冷却水パイプ (海水, 2GM20/C-YEU)
C. S. W. PIPE (2GM20/C-YEU)



(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

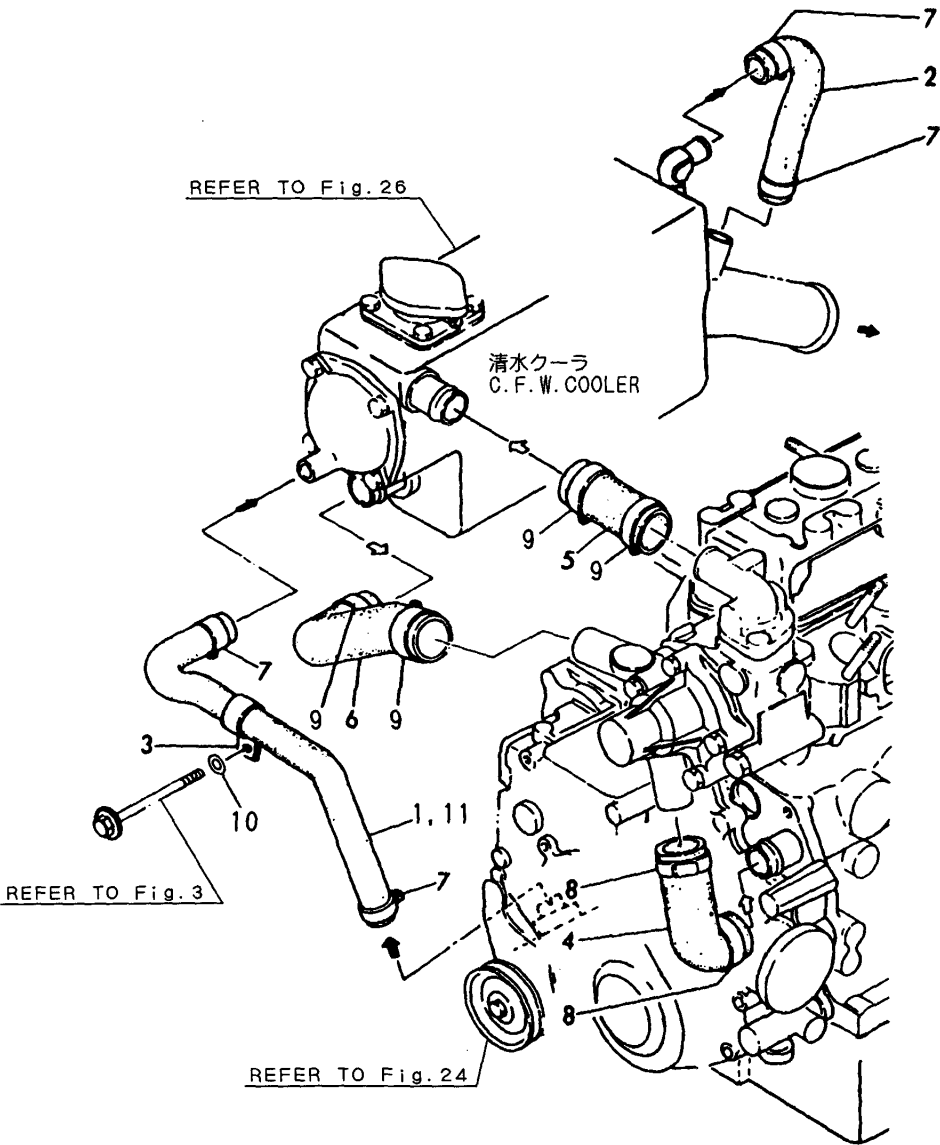
(D)=2GM20FC-YEU
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128377-49010	PIPE, WATER	1	1						
2	1	128370-49020	PIPE, WATER	1	1						
3	1	128270-49050	PIPE, WATER	1	1						
4	1	23000-022000	CLAMP, 22	2	2						
5	1	23000-022000	CLAMP, 22	3	3						
6	1	23000-025000	CLAMP, 25	1	1						
7	1	128270-49020	PIPE, WATER	1	1						1
8	1	23000-022000	CLAMP, 22	4	4						1

Remarks
(1)OPTIONAL

Fig.28. COOLING FRESH WATER PIPE(2GM20F,FC-YEU)

Fig.28 冷却水パイプ (清水, 2GM20F/FC-YEU)
C.F.W. PIPE (2GM20F/FC-YEU)



OCR10-M47101 Fig.28

(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128690-49010	PIPE, WATER			1	1				
2	1	124770-49040	PIPE, WATER			1	1				
3	1	121575-49310	RETAINER, PIPE			1	1				
4	1	128290-49510	PIPE, WATER			1	1				
5	1	128695-49520	PIPE, WATER			1	1				
6	1	128695-49530	PIPE, WATER			1	1				
7	1	23000-025000	CLAMP, 25			4	4				
8	1	23000-041000	CLAMP, 41			2	2				
9	1	23000-041000	CLAMP, 41			4	4				
10	1	22137-060000	WASHER, 6			1	1				
11	1	128291-49020	PIPE, WATER			1	1				1

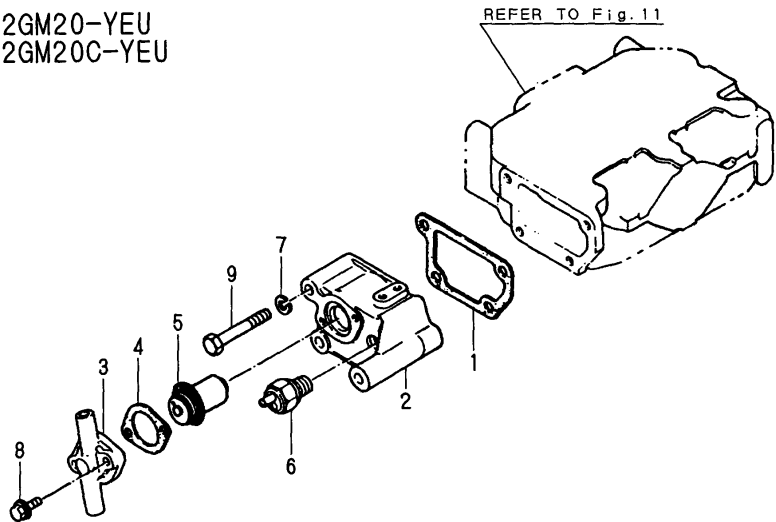
Remarks
(1)V TYPE SPEC.

(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

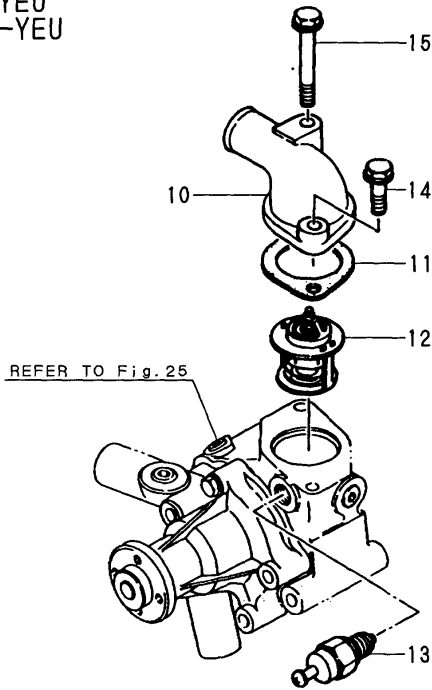
(D)=2GM20FC-YEU
(E)=
(F)=

Fig.29 サーモスタット
THERMOSTAT

2GM20-YEU
2GM20C-YEU



2GM20F-YEU
2GM20FC-YEU



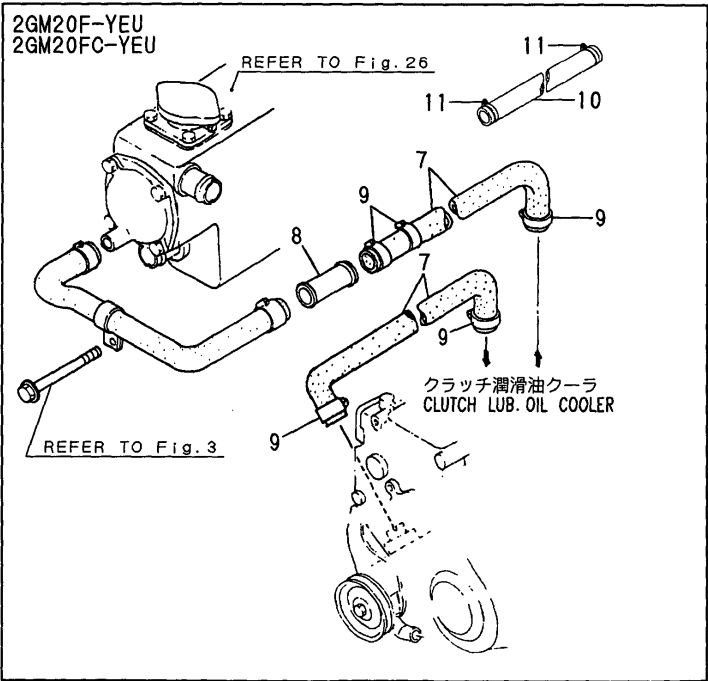
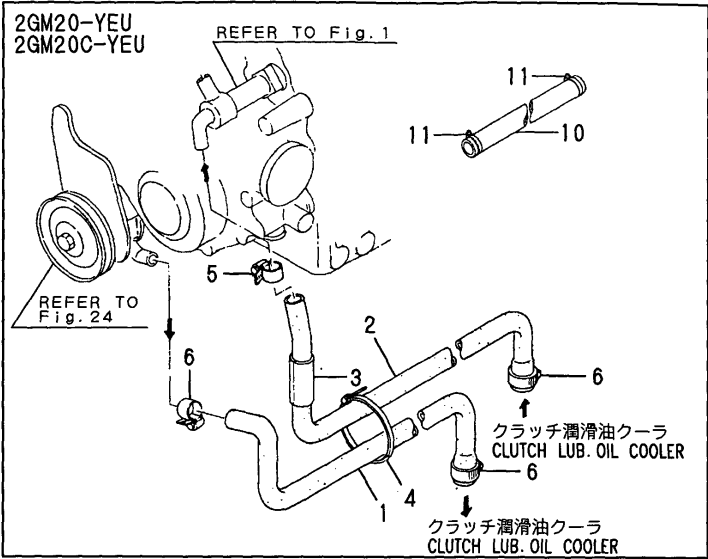
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121450-44410	GASKET	1	1						
2	1	128270-49100	BRACKET	1	1						
3	1	128170-49150	COVER, THERMOSTAT	1	1						
4	1	104211-49160	GASKET	1	1						
5	1	105582-49200	THERMOSTAT	1	1						
6	1	128275-91340	SWITCH, 65	1	1						
7	1	22217-080000	WASHER, SPRING 8	4	4						
8	1	26106-060182	BOLT, M6X 18 PLATED	2	2						
9	1	26116-080602	BOLT, M8X 60 PLATED	4	4						
10	1	124101-49530	COVER, THERMOSTAT			1	1				
11	1	124736-49540	GASKET			1	1				
12	1	121750-49800	THERMOSTAT			1	1				
13	1	127610-91350	SWITCH, 95			1	1				
14	1	26106-080302	BOLT, M8X 30 PLATED			1	1				
15	1	26106-080652	BOLT, M8X 65 PLATED			1	1				

Fig.30. COOLING SEA WATER PIPE(OPTIONAL)

(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

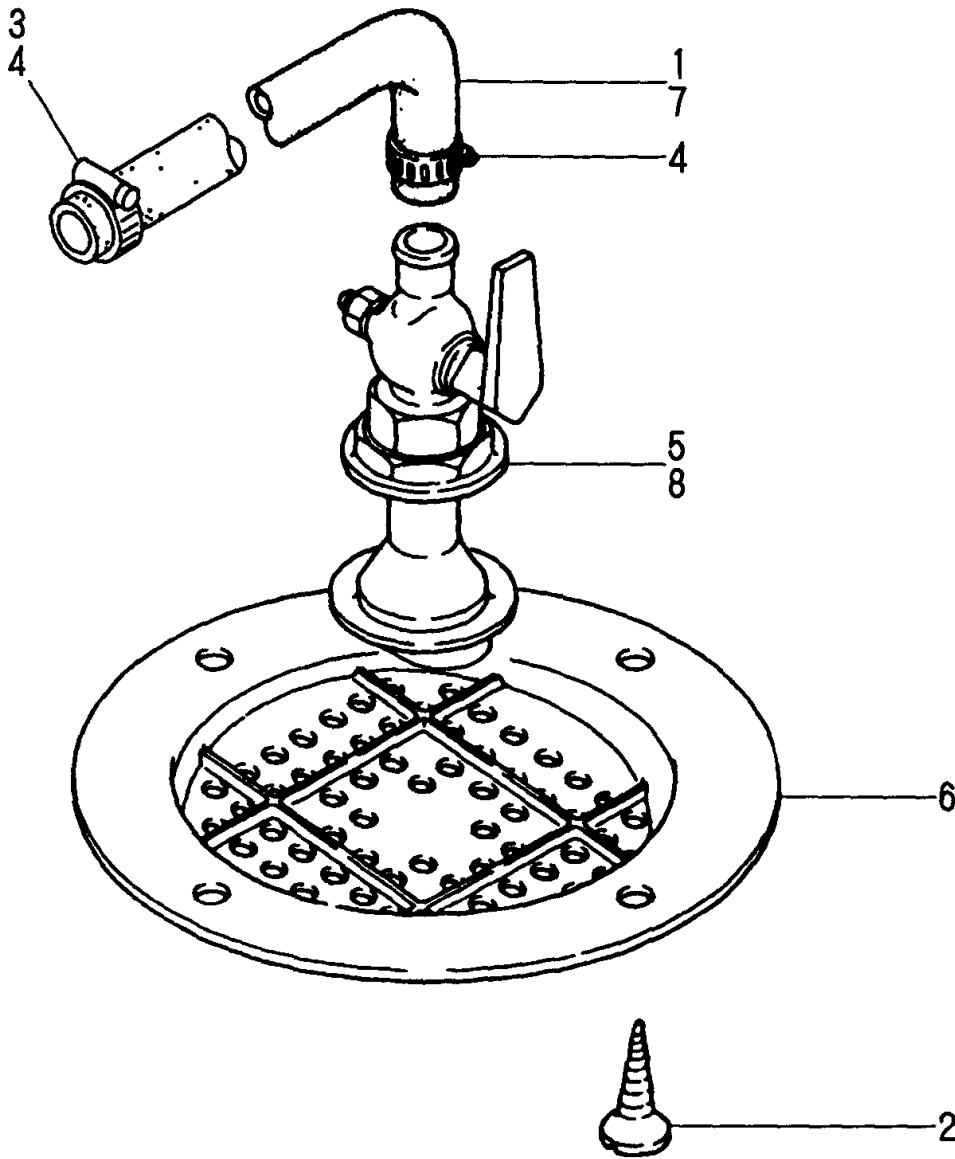
Fig.30 冷却水パイプ (海水, オプション)
C. S. W. PIPE (OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124223-49050	PIPE, WATER	1	1						
2	1	128170-49081	PIPE, WATER	1	1						
3	1	128271-49450	TUBE, PROTECT	1	1						
4	1	121750-59890	BAND, 140	1	1						
5	1	23000-022000	CLAMP, 22	1	1						
6	1	23000-025000	CLAMP, 25	3	3						
7	1	124223-49050	PIPE, WATER				2	2			
8	1	128291-49250	JOINT				1	1			
9	1	23000-025000	CLAMP, 25				5	5			
10	1	124223-49050	PIPE, WATER	1	1	1	1				
11	1	23000-025000	CLAMP, 25	2	2	2	2				

Fig.31. KINGSTON COCK(OPTIONAL)

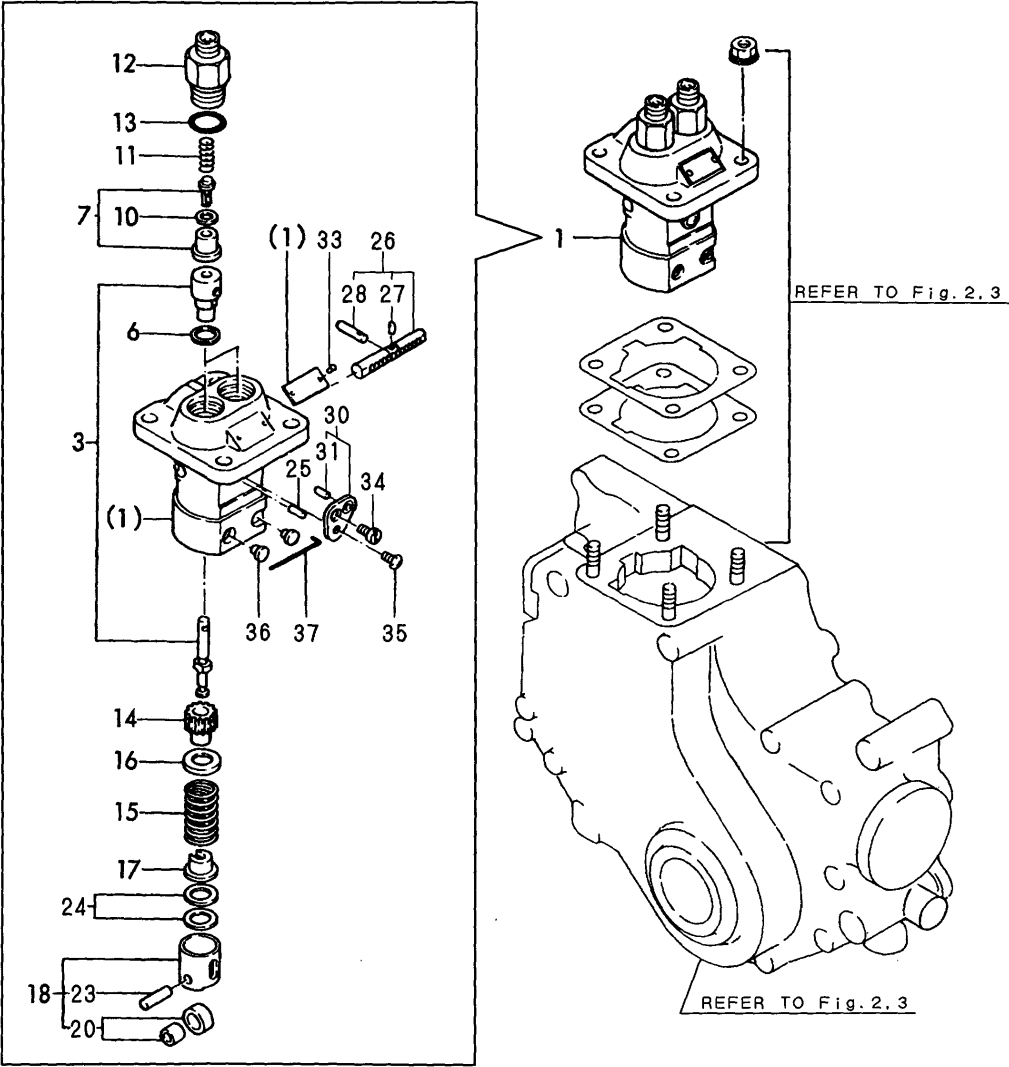
Fig.31 キングストンコック (オプション)
KINGSTON COCK (OPTIONAL)



0CR10-M47101 Fig.31											
(A)=2GM20-YEU (D)=2GM20FC-YEU											
(B)=2GM20C-YEU (E)=											
(C)=2GM20F-YEU (F)=											
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128377-49080	PIPE, WATER	1	1						
2	1	22724-800380	SCREW, 8.0X38	4	4	4	4				
3	1	23000-022000	CLAMP, 22	1	1						
4	1	23000-025000	CLAMP, 25	1	1	2	2				
5	1	43662-010030	COCK ASSY, SEA WATER	1	1						
6	1	43666-020951	COVER, STRAINER	1	1	1	1				
7	1	124223-49050	PIPE, WATER			1	1				
8	1	43662-015020	COCK			1	1				

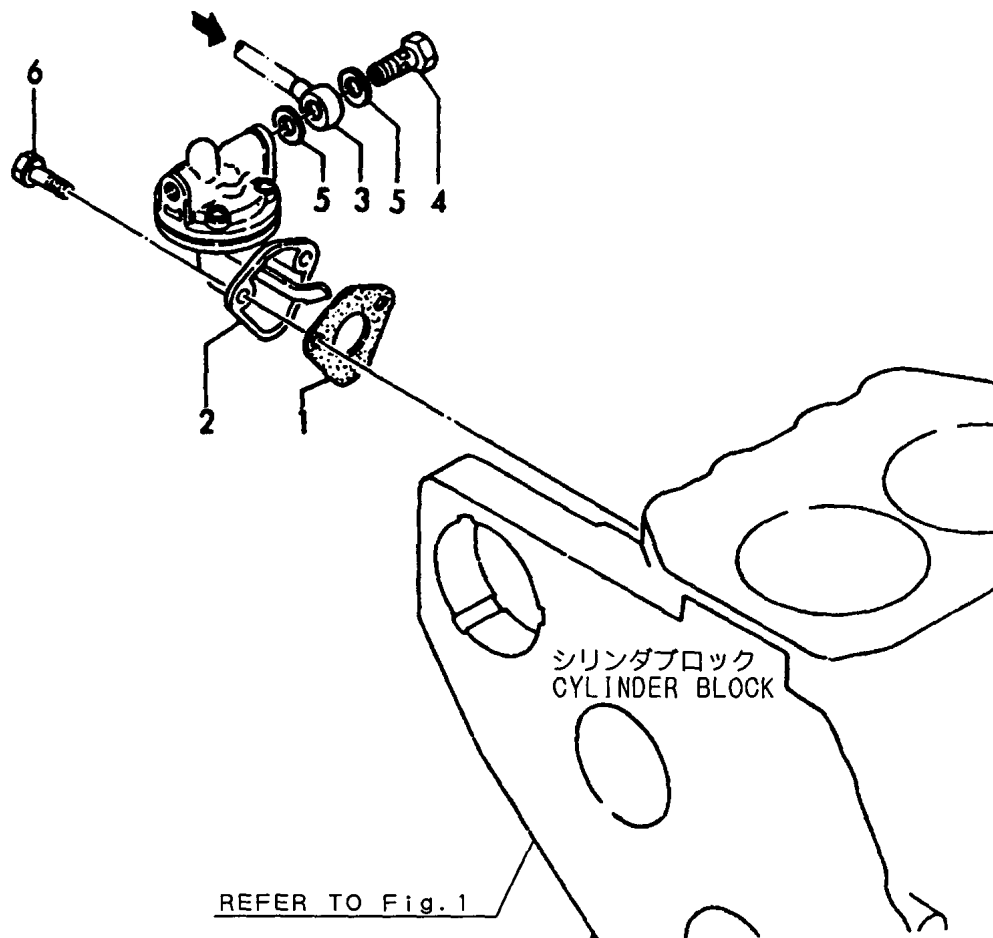
Fig.32. FUEL INJECTION PUMP

Fig.32 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	728271-51101	PUMP ASSY, INJECTION	1	1	1	1				
3	2	128170-51101	PLUNGER ASSY	2	2	2	2				
6	2	124950-51270	GASKET	2	2	2	2				
7	2	105500-51300	VALVE ASSY, DELIVERY	2	2	2	2				
10	2	124550-51350	GASKET, DELIVERY	2	2	2	2				
11	2	124550-51320	SPRING, DELIVERY	2	2	2	2				
12	2	124550-51341	HOLDER, DELIVERY L43	2	2	2	2				
13	2	124550-51370	O-RING	2	2	2	2				
14	2	124950-51510	PINION	2	2	2	2				
15	2	124950-51190	SPRING, PLUNGER	2	2	2	2				
16	2	174307-51170	RETAINER, SPRING A	2	2	2	2				
17	2	174307-51181	RETAINER, SPRING B	2	2	2	2				
18	2	724550-51520	GUIDE, PLUNGER	2	2	2	2				
20	3	711100-51540	ROLLER ASSY	2	2	2	2				
23	3	174100-54120	PIN	2	2	2	2				
24	2	174307-51700	SHIM SET	2	2	2	2				
25	2	103854-51251	PIN, PLUNGER	1	1	1	1				
26	2	124085-51500	RACK, CONTROL	1	1	1	1				
27	3	121450-51550	PIN	1	1	1	1				
28	3	124550-51590	RETAINER	1	1	1	1				
30	2	124950-51640	PLATE ASSY, ADJUST	1	1	1	1				
31	3	124950-51670	PIN	1	1	1	1				
33	2	124220-51890	RIVET	2	2	2	2				
34	2	103854-51660	SCREW	1	1	1	1				
35	2	26033-050102	SCREW, M5X10	1	1	1	1				
36	2	124950-51450	PIECE, GUIDE	2	2	2	2				
37	2	174307-51460	PIN, LOCK	1	1	1	1				

Fig. 33 燃料フィードポンプ
FUEL FEED PUMP



No.	Lev.	Parts No.	Description	(A)=2GM20-YEU (B)=2GM20C-YEU (C)=2GM20F-YEU		(D)=2GM20FC-YEU (E)= (F)=				I	R
				(A)	(B)	Q'ty (C)	(D)	(E)	(F)		
1	1	121520-01851	GASKET	1	1	1	1				
2	1	129301-52020	PUMP ASSY, FUEL FEED	1	1	1	1				
2-1	1	128270-52010	PUMP ASSY, FUEL FEED	1	1	1	1			S	1
3	1	104264-59030	JOINT, PIPE 8	1	1	1	1				
4	1	105582-59150	BOLT, PIPE JOINT M8	1	1	1	1				
5	1	23414-080000	GASKET, 8X1.0	2	2	2	2				
6	1	26013-060162	BOLT, SPRING M6X 16	2	2	2	2				

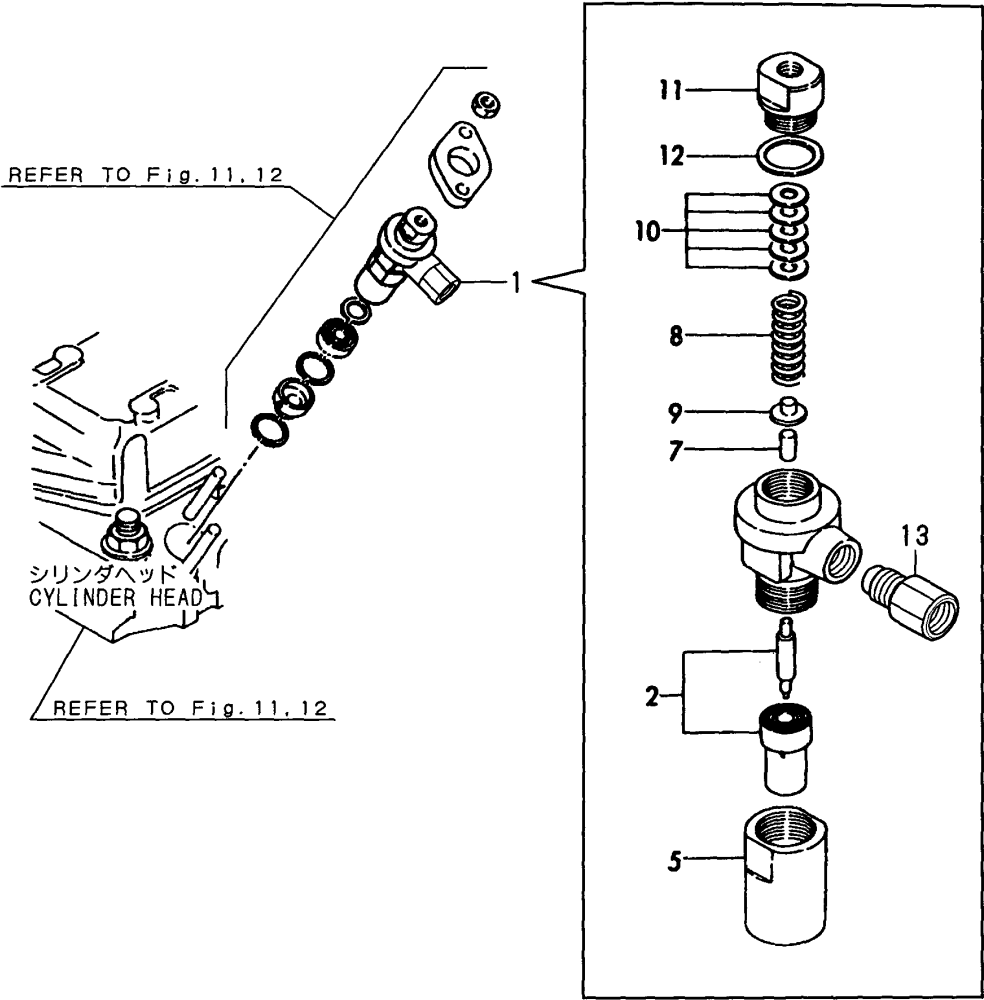
(1) Fig. 37 No. 9-1 interchangeable by set.

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

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Fig.34. FUEL INJECTION VALVE

Fig.34 燃料噴射弁
FUEL INJECTION VALVE



(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728277-53100	VALVE ASSY,INJECTION	2	2	2	2				
2	2	124770-53000	VALVE ASSY,INJECTION	2	2	2	2				
5	2	128170-53080	NUT, NOZZLE	2	2	2	2				
7	2	113200-53110	SPINDLE, INTER	2	2	2	2				
8	2	104211-53120	SPRING, NOZZLE	2	2	2	2				
9	2	113200-53120	RETAINER, SPRING	2	2	2	2				
10	2	110250-53150	PLATE ASSY, ADJUST	2	2	2	2				
11	2	103854-53180	RETAINER, SPRING	2	2	2	2				
12	2	172100-53200	GASKET	2	2	2	2				
13	2	128277-53300	JOINT ASSY	2	2	2	2				

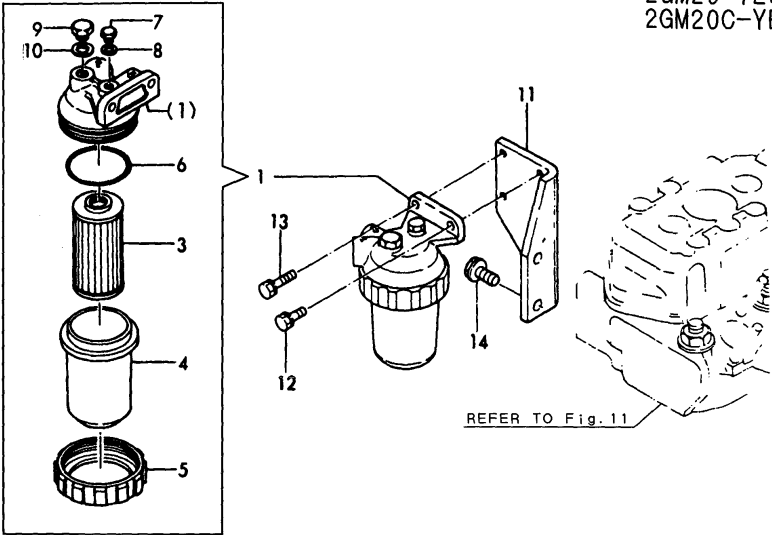
Fig.35. FUEL STRAINER

(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

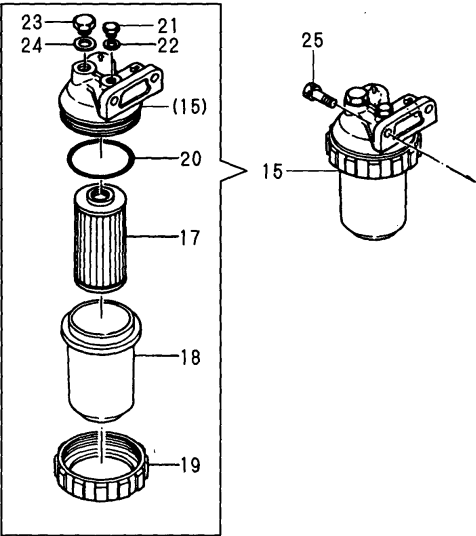
(D)=2GM20FC-YEU
(E)=
(F)=

Fig.35 燃料フィルタ FUEL STRAINER

2GM20-YEU
2GM20C-YEU



2GM20F-YEU
2GM20FC-YEU

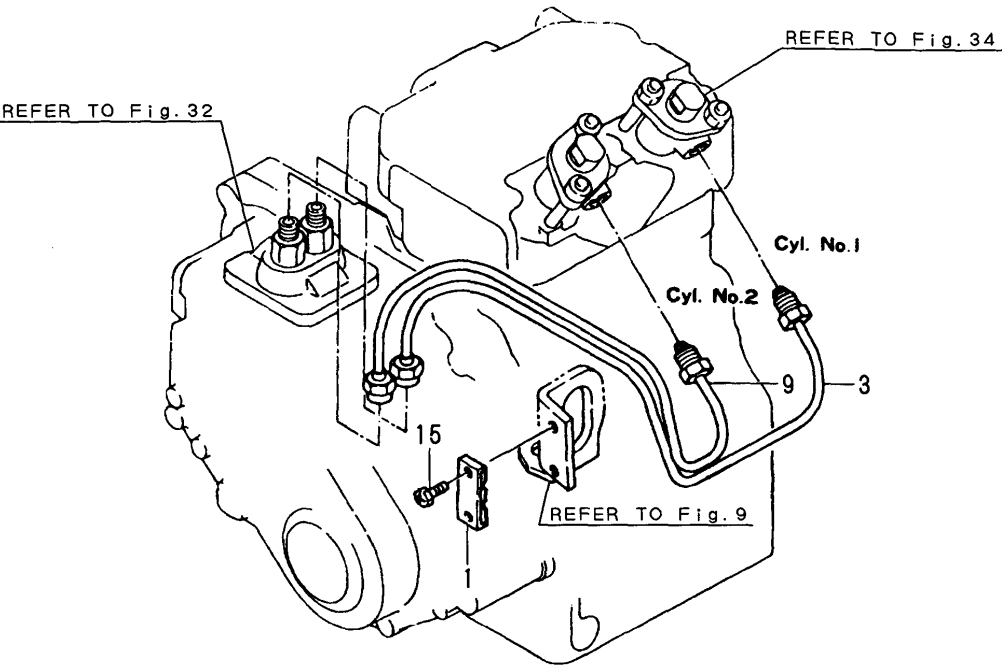


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124790-55601	STRAINER ASSY, FUEL	1	1						1
3	2	104500-55710	ELEMENT	1	1						
4	2	121370-55730	CUP, STRAINER	1	1						
5	2	110250-55610	RING, RETAINING	1	1						
6	2	24341-000440	O-RING, 1AS44.0	1	1						
7	2	101720-55750	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	128270-55610	BRACKET, STRAINER	1	1						
12	1	26013-060162	BOLT, M6X 16	1	1						
13	1	26013-060252	BOLT, M6X 25	1	1						
14	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
15	1	124790-55601	STRAINER ASSY, FUEL				1	1			1
17	2	104500-55710	ELEMENT				1	1			
18	2	121370-55730	CUP, STRAINER				1	1			
19	2	110250-55610	RING, RETAINING				1	1			
20	2	24341-000440	O-RING, 1AS44.0				1	1			
21	2	101720-55750	PLUG, 6				1	1			
22	2	23418-060000	GASKET, 6X1.0				1	1			
23	2	135210-51900	PLUG				1	1			
24	2	23414-080012	GASKET, 8X1.0				1	1			
25	1	26013-060162	BOLT, M6X 16				2	2			

Remarks
(1)TAIYO GIKEN:YE-100CZ

Fig.36. FUEL INJECTION PIPE

Fig.36 燃料噴射パイプ
FUEL INJECTION PIPE



(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

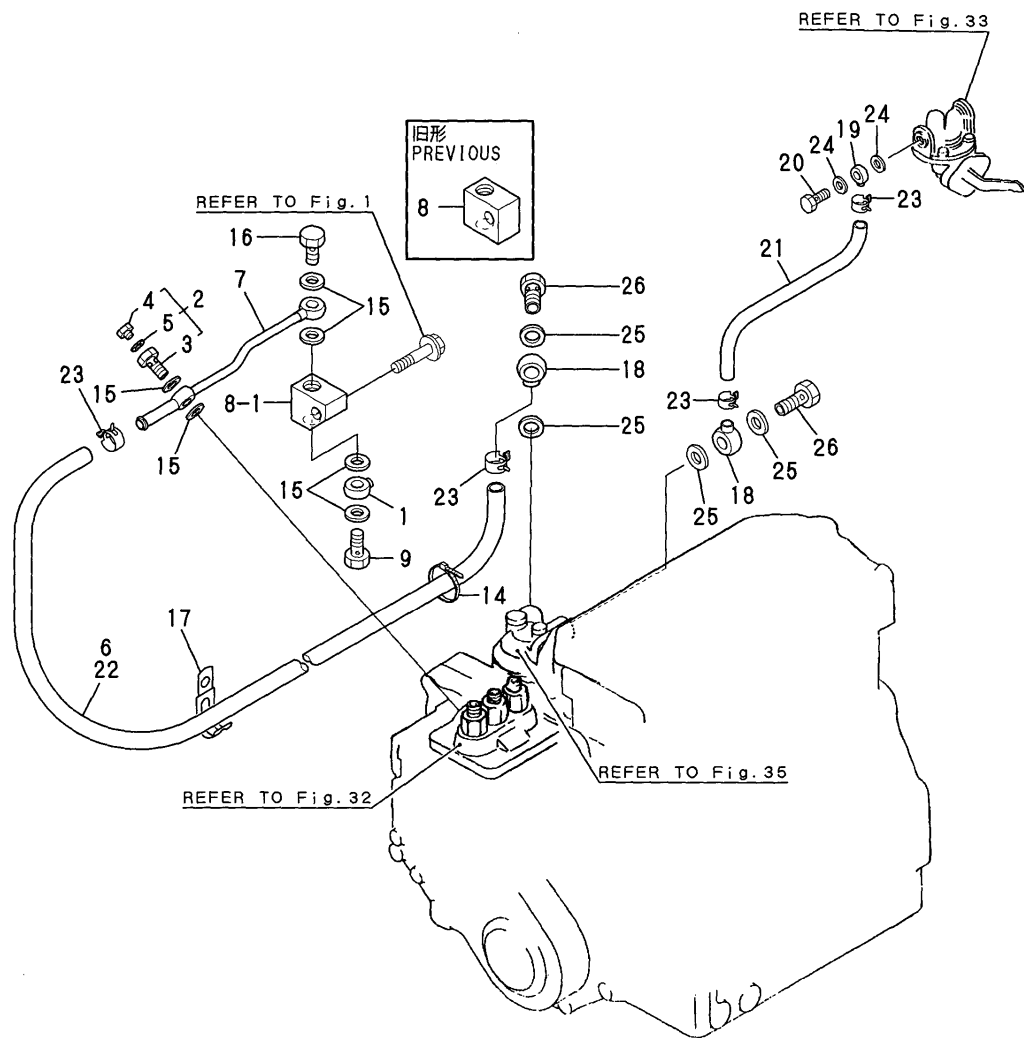
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	123372-59100	RETAINER, PIPE	1	1	1	1				
3	1	128277-59810	PIPE ASSY, INJECTION	1	1	1	1				
9	1	128277-59820	PIPE ASSY, INJECTION	1	1	1	1				
15	1	121465-59950	BOLT, M6X16	2	2	2	2				

Fig.37. FUEL PIPE

(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

Fig. 37 燃料パイプ
FUEL PIPE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	104264-59020	JOINT	1	1	1	1				
2	1	103854-59191	BOLT ASSY, JOINT M12	1	1	1	1				
3	2	103854-59201	BOLT, PIPE JOINT M12	1	1	1	1				
4	2	124060-59380	PLUG, HEXAGON M6	1	1	1	1				
5	2	22190-060002	WASHER, SEAL 6	1	1	1	1				
6	1	129470-59120	PIPE, FUEL			1	1				
6-1	1	129470-59122	PIPE, FUEL (C=E/#03967) (D=E/#03965)			1	1				N
7	1	128296-59550	PIPE ASSY, FUEL	1	1	1	1				
8	1	128296-59900	JOINT	1	1	1	1				
8-1	1	128296-59901	JOINT (A=E/#03961) (B=E/#04261) (C=E/#03967) (D=E/#03965)	1	1	1	1				N
9	1	128296-59940	VALVE ASSY, CHECK	1	1	1	1				
9-1	1	128370-59950	VALVE ASSY, CHECK (A=E/#E09923) (B=E/#00352) (C=E/#E09922) (D=E/#E09922)	1	1	1	1				S 1
14	1	121750-59890	BAND, NYLON			1	1				
15	1	22190-120002	WASHER, SEAL 12	6	6	6	6				
16	1	23857-060000	BOLT, JOINT 6	1	1	1	1				
17	1	124450-39240	RETAINER, PIPE	1	1	1	1				
18	1	104264-59020	JOINT	2	2	2	2				
19	1	104264-59030	JOINT, PIPE 8	1	1	1	1				
20	1	105582-59150	BOLT, PIPE JOINT M8	1	1	1	1				
21	1	129470-59540	PIPE, FUEL	1	1	1	1				
21-1	1	129470-59542	PIPE, FUEL (A=E/#03961) (B=E/#04261) (C=E/#03967) (D=E/#03965)	1	1	1	1				N
22	1	129470-59540	PIPE, FUEL	1	1						
22-1	1	129470-59542	PIPE, FUEL (A=E/#03961) (B=E/#04261)	1	1						N
23	1	23000-016000	CLAMP, 16	4	4	4	4				
24	1	23414-080000	GASKET, 8X1.0	2	2	2	2				
24-1	1	22190-080002	WASHER, SEAL 6 (A=*2000.03.) (B=*2000.03.) (C=*2000.03.) (D=*2000.03.)	2	2	2	2				N
25	1	23414-120000	GASKET, 12X1.0	4	4	4	4				
25-1	1	22190-120002	WASHER, SEAL 12 (A=*2000.03.) (B=*2000.03.) (C=*2000.03.) (D=*2000.03.)	4	4	4	4				N
26	1	23857-060000	BOLT, JOINT 6	2	2	2	2				

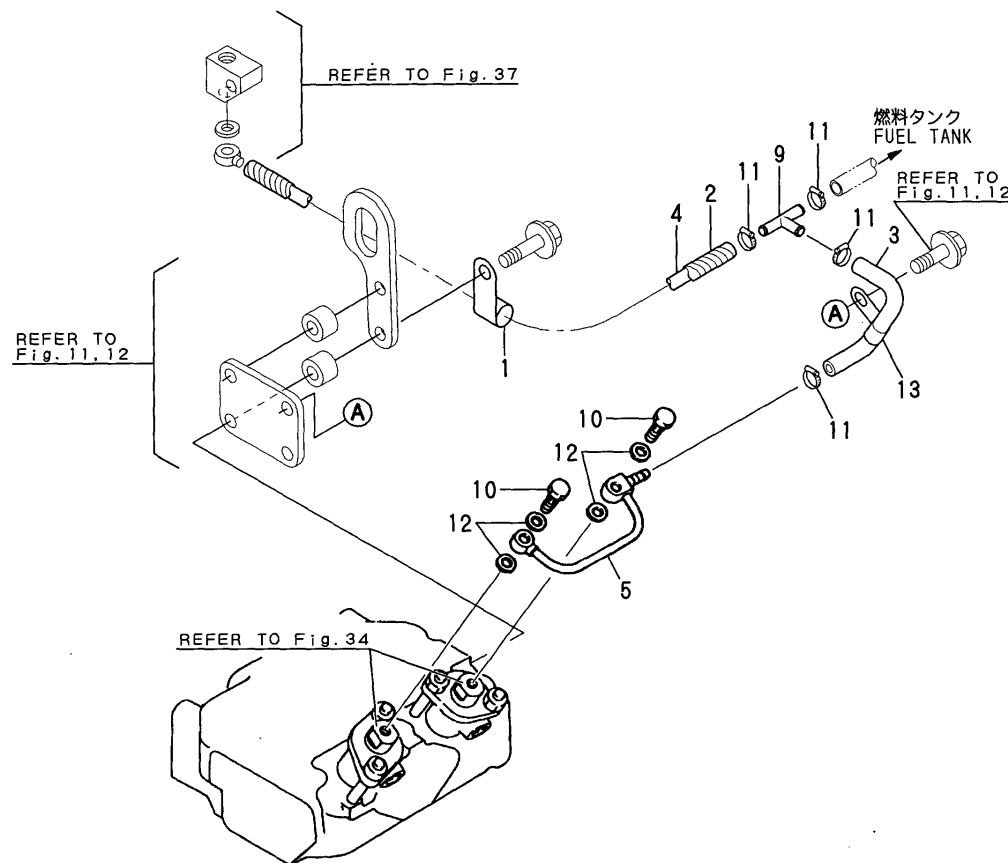
Remarks

(1)Fig.33 No.2-1 interchangeable by set.

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

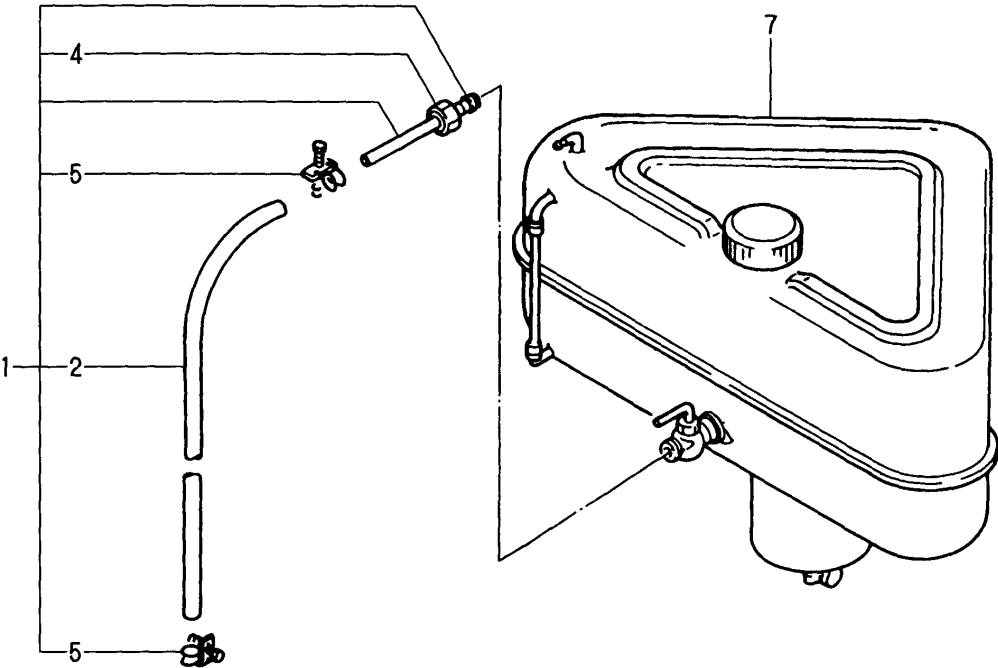
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Fig. 38 燃料戻しパイプ
FUEL RETURN PIPE



No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	119593-39450	RETAINER	2	2	2	2			
1-1	1	119593-39450	RETAINER	1	1	1	1			K
		(A=E/#03007)	(B=E/#03103)	(C=E/#03017)	(D=E/#03067)					
1-2	1	128377-59860	RETAINER	1	1	1	1			N
		(A=E/#03961)	(B=E/#04261)	(C=E/#03967)	(D=E/#03965)					
2	1	128270-59100	TUBE, CORRUGATED	1	1	1	1			
2-1	1	128370-59130	TUBE, CORRUGATED	1	1	1	1			N
		(A=E/#03961)	(B=E/#04261)	(C=E/#03967)	(D=E/#03965)					
3	1	124070-59110	PIPE, FUEL L=155	1	1	1	1			
3-1	1	119370-59040	PIPE, FUEL	1	1	1	1			R
		(A=E/#02817)	(B=E/#02751)	(C=E/#02759)	(D=E/#02893)					
3-2	1	128370-59040	PIPE, FUEL	1	1	1	1			N
		(A=E/#03961)	(B=E/#04261)	(C=E/#03967)	(D=E/#03965)					
4	1	128270-59120	PIPE, FUEL	1	1	1	1			
4-1	1	128370-59120	PIPE, FUEL	1	1	1	1			N
		(A=E/#03961)	(B=E/#04261)	(C=E/#03967)	(D=E/#03965)					
5	1	105311-59500	PIPE ASSY, RETURN	1	1	1	1			
5-1	1	128277-59500	PIPE ASSY, RETURN	1	1	1	1			R
		(A=E/#04198)	(B=E/#04261)	(C=E/#04161)	(D=E/#04204)					
9	1	128377-59560	JOINT, 3-WAY	1	1	1	1			
10	1	101147-59810	BOLT, PIPE JOINT M8	2	2	2	2			
11	1	23000-016000	CLAMP, 16	4	4	4	4			
12	1	23414-080000	GASKET, 8X1.0	4	4	4	4			
12-1	1	22190-080002	WASHER, SEAL 6	4	4	4	4			N
		(A=*2000.03)	(B=*2000.03)	(C=*2000.03)	(D=*2000.03)					
13	1	128377-59850	RETAINER, PIPE	1	1	1	1			W
		(A=E/#03007)	(B=E/#03103)	(C=E/#03017)	(D=E/#03067)					
13-1	1	128377-59851	RETAINER, PIPE	1	1	1	1			N
		(A=E/#03961)	(B=E/#04261)	(C=E/#03967)	(D=E/#03965)					

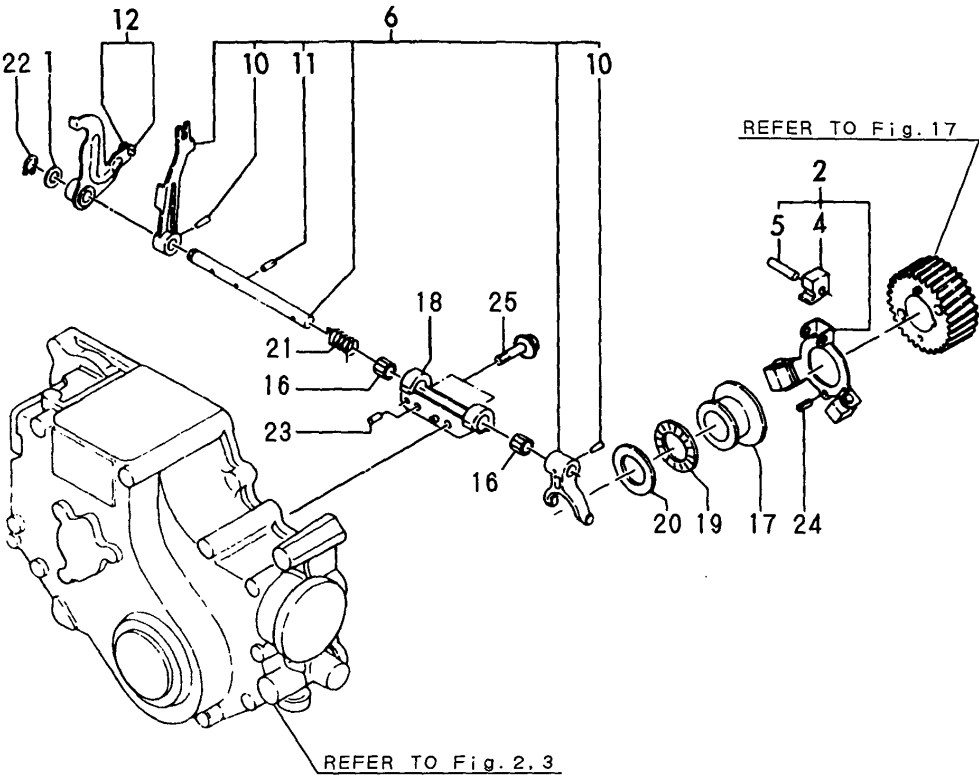
Fig.39 燃料タンク (オプション)
FUEL TANK (OPTIONAL)



				OCR10-M47101 Fig.39							
				(A)=2GM20-YEU (B)=2GM20C-YEU (C)=2GM20F-YEU				(D)=2GM20FC-YEU (E)= (F)=			
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124070-59060	PIPE ASSY, FUEL	1	1	1	1				
2	2	124070-59130	PIPE, FUEL 2M	1	1	1	1				
4	2	138603-59380	CAP NUT	1	1	1	1				
5	2	23010-014000	CLAMP, 14	2	2	2	2				
7	1	83213-003012	TANK (30L), FUEL	1	1	1	1				

Fig.40. GOVERNOR EQUIPMENT DEVICE

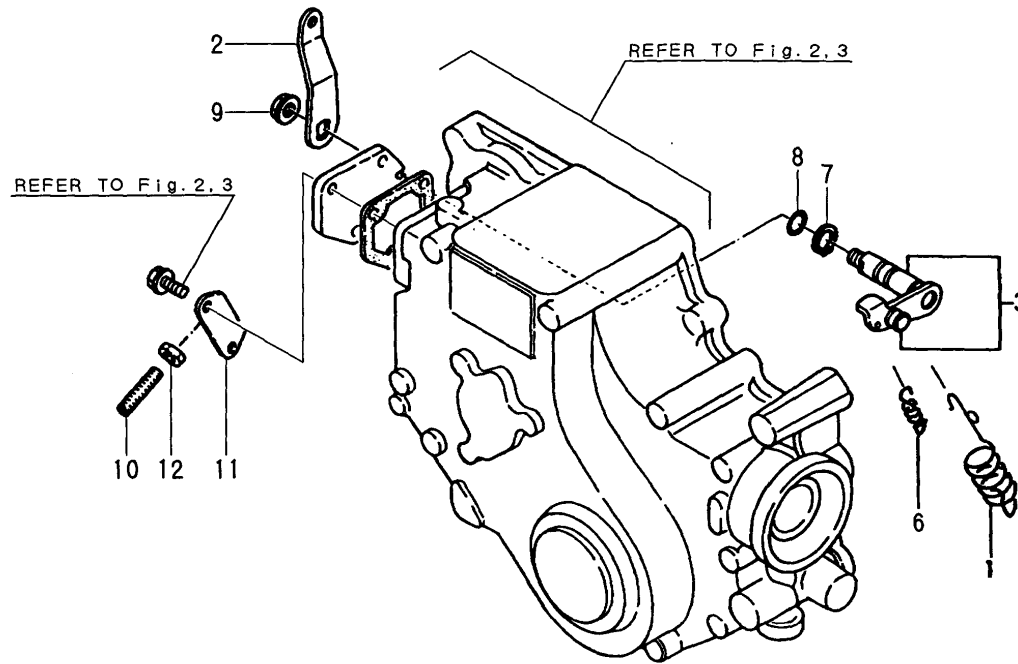
Fig.40 ガバナ駆動装置
GOVERNOR EQUIPMENT DEVICE



OCR10-M47101 Fig.40
(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU
(D)=2GM20FC-YEU
(E)=
(F)=

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				
2	1	771016-61620	WEIGHT ASSY,GOVERNOR	1	1	1	1				
4	2	105300-61200	WEIGHT, GOVERNOR	3	3	3	3				
5	2	121575-61220	PIN, GOVERNOR WEIGHT	3	3	3	3				
6	1	721500-61560	LEVER ASSY, GOVERNOR	1	1	1	1				
10	2	22322-030200	PIN, TAPER 3X20	2	2	2	2				
11	2	22351-030012	PIN, SPRING 3.0X12	1	1	1	1				
12	1	121575-61161	LEVER ASSY, CONTROL	1	1	1	1				
16	1	122410-61650	BEARING, FJ-1010W	2	2	2	2				
17	1	121000-61600	SLEEVE, GOVERNOR	1	1	1	1				
18	1	121575-61620	SUPPORT	1	1	1	1				
19	1	24166-254202	BEARING, 254202	1	1	1	1				
20	1	121575-61720	COLLAR	1	1	1	1				
21	1	121575-66310	SPRING, STARTING	1	1	1	1				
22	1	22242-000100	RING, 10	1	1	1	1				
23	1	22312-040080	PIN, PARALLEL M4X 8	2	2	2	2				
24	1	22351-040008	PIN, SPRING 4.0X 8	2	2	2	2				
25	1	26106-060282	BOLT, M6X 28 PLATED	2	2	2	2				

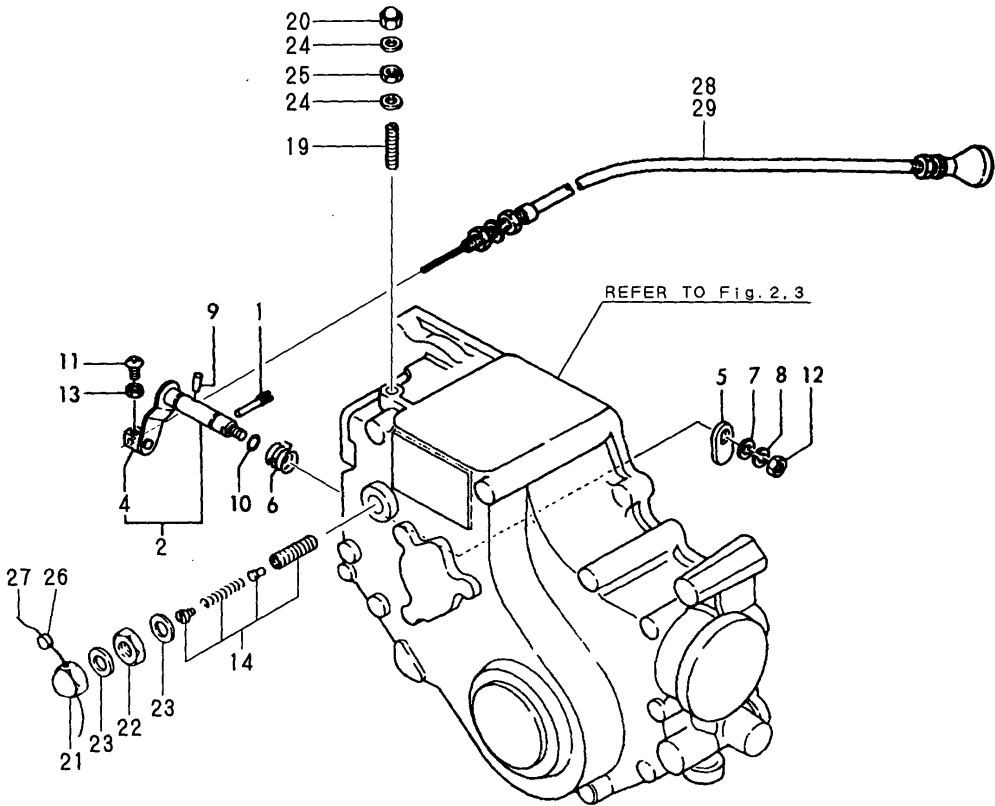
Fig. 41 操縦装置
CONTROL DEVICE



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				
2	1	121575-66051	HANDLE, REGULATOR	1	1	1	1				
3	1	121000-66090	LEVER ASSY,REGULATOR	1	1	1	1				
6	1	121575-66200	SPRING, REGULATOR	1	1	1	1				
7	1	22242-000120	RING, 12	1	1	1	1				
8	1	24311-000090	O-RING, 1AP9.0	1	1	1	1				
9	1	26366-080002	NUT, M8	1	1	1	1				
10	1	121575-66800	SCREW	1	1	1	1				
11	1	121575-66850	RETAINER	1	1	1	1				
12	1	26756-060002	NUT, LOCK M6	1	1	1	1				

Fig.42. ENGINE STOP DEVICE

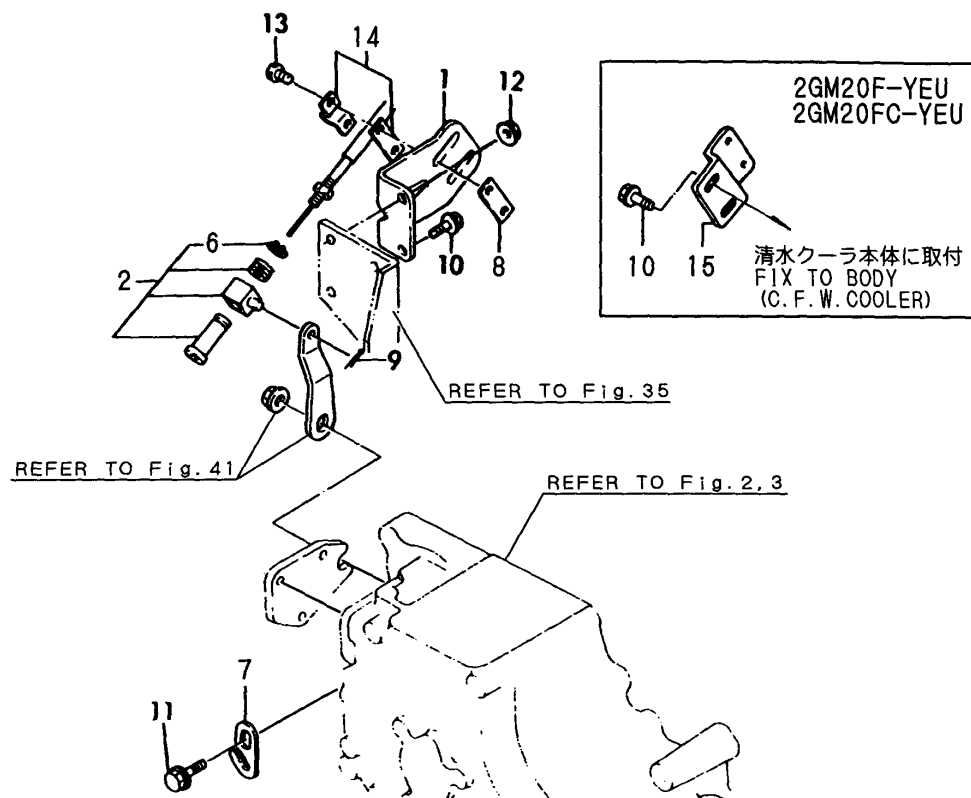
Fig.42 機関停止装置
ENGINE STOP DEVICE



(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU
(D)=2GM20FC-YEU
(E)=
(F)=

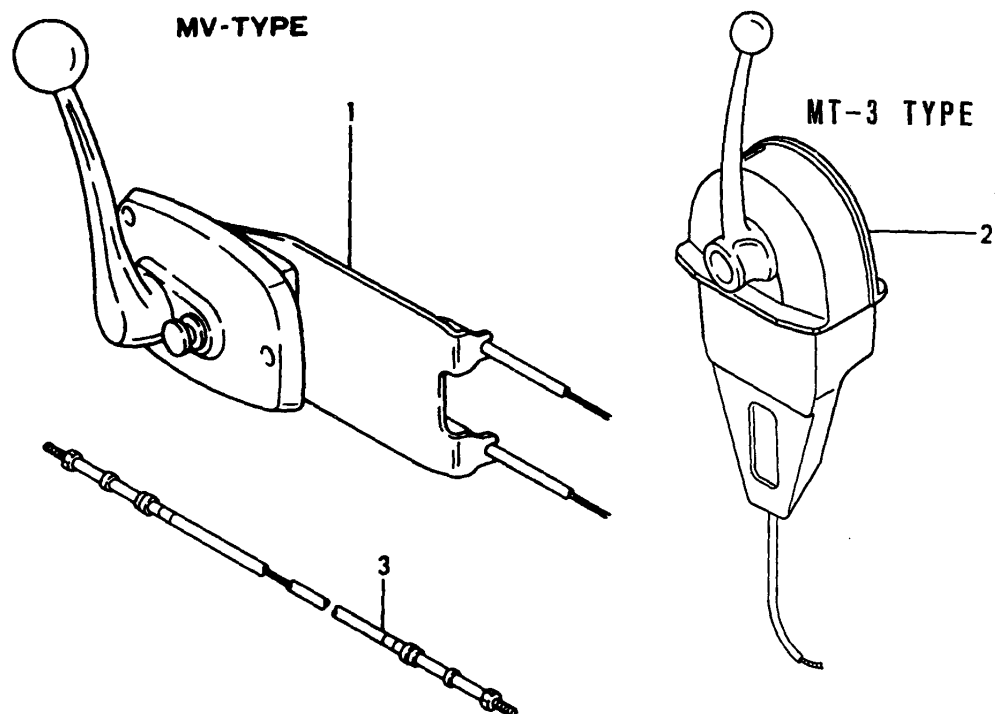
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124250-03640	SCREW	1	1	1	1				
2	1	121575-66510	LEVER ASSY, STOP	1	1	1	1				
4	2	121575-66520	LEVER, STOPPER	1	1	1	1				
5	1	121575-66550	CAM	1	1	1	1				
6	1	121575-66580	SPRING, RETURN	1	1	1	1				
7	1	22117-060000	WASHER, 6	1	1	1	1				
8	1	22217-060000	WASHER, SPRING 6	1	1	1	1				
9	1	22322-030160	PIN, TAPER 3X16	1	1	1	1				
10	1	24311-000070	O-RING, 1AP7.0	1	1	1	1				
11	1	26557-050122	SCREW, M5X12	1	1	1	1				
12	1	26716-060002	NUT, M6	1	1	1	1				
13	1	26756-050002	NUT, LOCK M5	1	1	1	1				
14	1	128270-66550	LIMITER ASSY, FUEL	1	1	1	1				
19	1	121575-66800	SCREW	1	1	1	1				
20	1	128170-66870	NUT, CAP M6	1	1	1	1				
21	1	128170-66880	NUT, CAP M12	1	1	1	1				
22	1	128170-66890	NUT, M12	1	1	1	1				
23	1	22190-120002	WASHER, SEAL 12	2	2	2	2				
24	1	23414-060000	GASKET, 6X1.0	2	2	2	2				
25	1	26756-060002	NUT, LOCK M6	1	1	1	1				
26	1	135210-61090	LEAD	1	1	1	1				
27	1	22453-060000	WIRE, 0.6	1	1	1	1				
28	1	104271-67550	CABLE, STOP L=3000	1	1	1	1				
29	1	129470-67560	CABLE, STOP L=7000	1	1	1	1				

Fig. 43 SPEED REMOTE CONTROL



No.	Lev.	Parts No.	Description	(A)=2GM20-YEU (B)=2GM20C-YEU (C)=2GM20F-YEU		(D)=2GM20FC-YEU (E)= (F)=			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	128270-67100	BRACKET, CABLE	1	1				
2	1	105311-67200	RETAINER ASSY	1	1	1	1		
6	2	22242-000100	RING, 10	1	1	1	1		
7	1	128377-67580	BRACKET, CABLE	1	1	1	1		
8	1	121574-86320	RETAINER	1	1				
9	1	22360-080000	SNAP PIN 8	1	1	1	1		
10	1	26106-060102	BOLT, M6X 10 PLATED	1	1	2	2		
11	1	26106-060122	BOLT, M6X 12 PLATED	1	1	1	1		
12	1	26366-060002	NUT, M6	1	1				
13	1	26557-050122	SCREW, M5X12	2	2	2	2		
14	1	41710-000410	CLAMP	1	1	1	1		
15	1	105311-67100	BRACKET, CABLE			1	1		

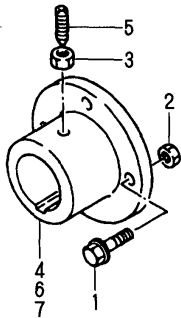
Fig. 44 シングルレバーコントロール (オプション)
SINGLE LEVER CONTROL (OPTIONAL)



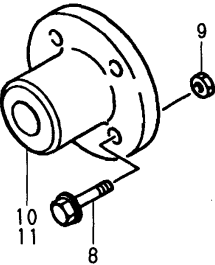
No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	128170-86500	CONTROLLER	1	1	1	1		
2	1	41730-000681	MT-3 REMO-CON	1	1	1	1		
3	1	41710-000380	CABLE L=4000	2	2	2	2		

Fig.45. COUPLING(OPTIONAL)

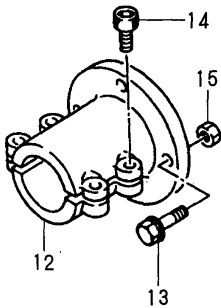
Fig.45 カップリング (オプション)
COUPLING (OPTIONAL)
テーパカップリング
TAPER COUPLING



ストレート カップリング
STRAIGHT COUPLING



スリット カップリング
SLIT COUPLING



OCR10-M47101 Fig.45
(A)=2GM20-YEU (D)=2GM20FC-YEU
(B)=2GM20C-YEU (E)=
(C)=2GM20F-YEU (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26106-100322	BOLT, M10X 32 PLATED	4	4	4	4				
2	1	26706-100002	NUT, M10	4	4	4	4				
3	1	26756-080002	NUT, LOCK M8	1	1	1	1				
4	1	48110-025063	COUPLING, TAPER 25	1	1	1	1				
5	1	48110-032411	SCREW	1	1	1	1				
6	1	48110-028063	COUPLING, TAPER 28	1	1	1	1				
7	1	48110-522361	COUPLING, TAPER 22	1	1	1	1				
8	1	26106-100322	BOLT, M10X 32 PLATED	4	4	4	4				
9	1	26706-100002	NUT, M10	4	4	4	4				
10	1	45414-500260	COUPLING, 16MM	1	1	1	1				
11	1	105583-85900	COUPLING, 22	1	1	1	1				
12	1	104214-83980	COUPLING	1	1	1	1				
13	1	26106-100322	BOLT, M10X 32 PLATED	4	4	4	4				
14	1	26450-080282	BOLT, M8X 28	4	4	4	4				
15	1	26706-100002	NUT, M10	4	4	4	4				

Fig.46. CLUTCH

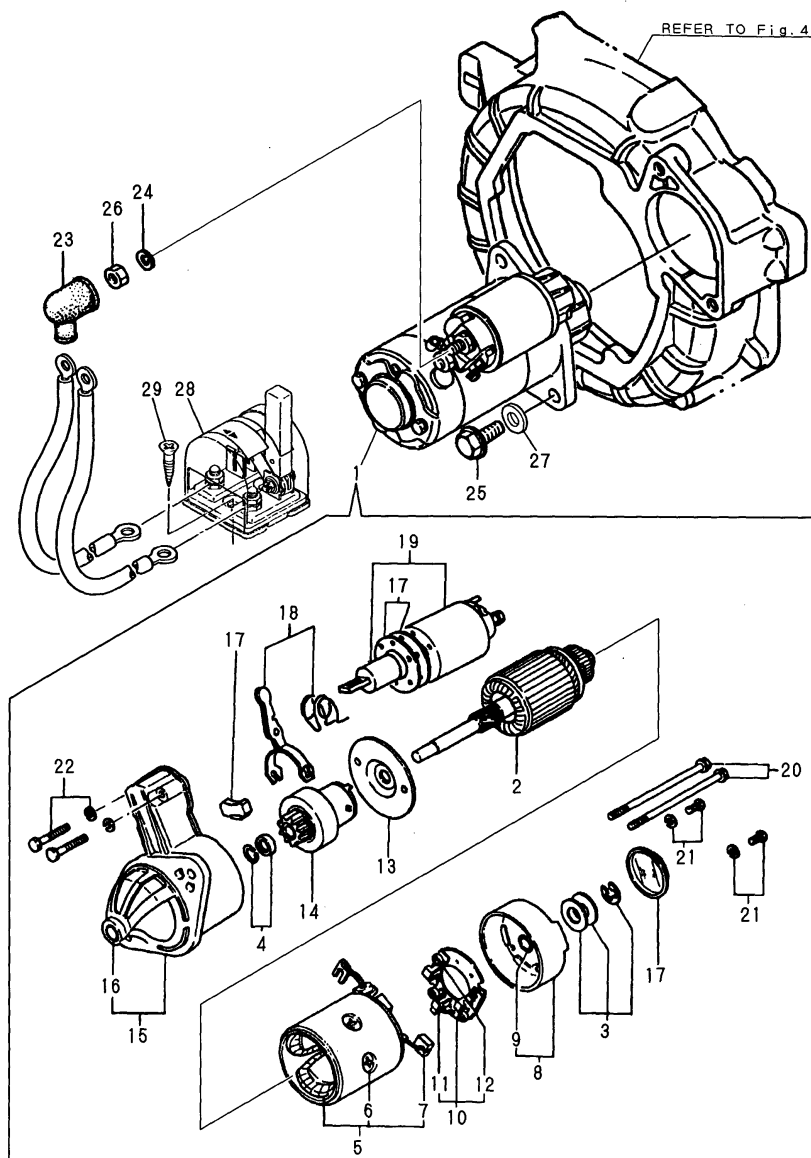
(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128171-81120	CLUTCH ASSY, I=2.62	1	1	1	1				
2	1	128171-81130	CLUTCH ASSY, I=3.22	1	1	1	1				
3	1	128171-81110	CLUTCH ASSY, 2.21	1	1	1	1				
4	1	26106-080452	BOLT, M8X 45 PLATED	8	8	8	8				
4-1	1	26106-080282	BOLT, M8X 28 PLATED	8	8	8	8			S	
(A=E/#03151) (B=E/#03183) (C=E/#03149) (D=E/#03157)											

Remarks
THIS FIGURE ARE NOT ILLUSTRATED.

Fig. 47 スターティングモータ
STARTING MOTOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128170-77010	STARTER, S114-303	1	1	1	1				1
2	2	X211451005	ARMATURE	1	1	1	1				
3	2	X21148110	WASHER SET, THRUST	1	1	1	1				
4	2	X21147155	STOPPER SET, PINION	1	1	1	1				
5	2	X211462101	COIL ASSY, FIELD	1	1	1	1				
6	3	X21143215	SCREW, CORE	4	4	4	4				
7	3	X21145312	BRUSH, +	2	2	2	2				
8	2	X211413005	COVER ASSY	1	1	1	1				
9	3	X21145352	METAL	1	1	1	1				
10	2	X211433101	HOLDER	1	1	1	1				
11	3	X21148313	BRUSH (-)	2	2	2	2				
12	3	X2114314	SPRING	4	4	4	4				
13	2	X21144454	PLATE	1	1	1	1				
14	2	X211415006	PINION ASSY	1	1	1	1				
15	2	X211476503	CASE ASSY	1	1	1	1				
16	3	X21144661	METAL, GEAR CASE	1	1	1	1				
17	2	X21147954	COVER SET, DUST	1	1	1	1				
18	2	X21149652	LEVER SET, SHIFT	1	1	1	1				
19	2	X211447009	SWITCH	1	1	1	1				
20	2	X21148852	BOLT, THROUGH	2	2	2	2				
21	2	X21142835	SCREW SET	2	2	2	2				
22	2	X21145866	BOLT	2	2	2	2				
23	1	124550-77030	COVER, TERMINAL	1	1	1	1				
24	1	22217-080000	WASHER, SPRING 8	1	1	1	1				
25	1	26106-100302	BOLT, M10X 30 PLATED	2	2	2	2				
26	1	26756-080002	NUT, LOCK M8	1	1	1	1				
27	1	22117-100000	WASHER, 10	2	2	2	2				
28	1	123310-77640	SWITCH, BATTERY	1	1	1	1				
29	1	22724-800380	SCREW, 8.0X38	2	2	2	2				

Remarks
(1)HITACHI:S114-303A
12V 1.0KW

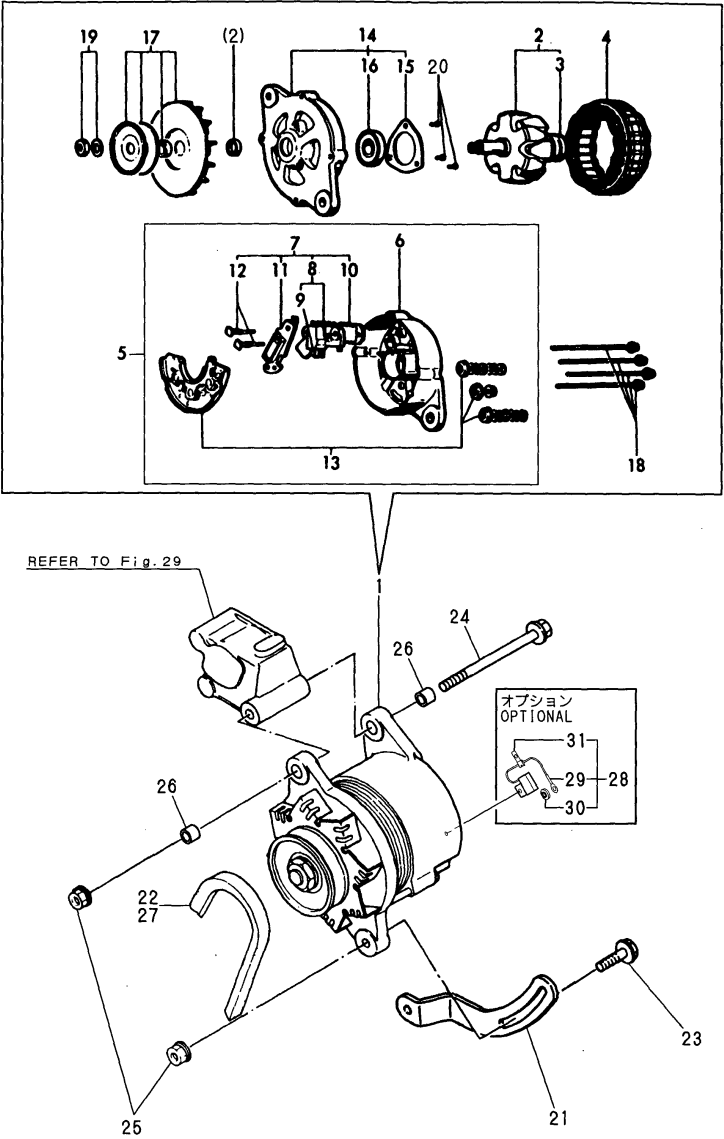
N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

Fig.48 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				1
2	2	XL15571001	ROTOR ASSY	1	1	1	1				
3	3	X6201SD	BALL BEARING	1	1	1	1				
4	2	XL15542001	STATOR ASSY	1	1	1	1				
5	2	XL15553002	COVER ASSY, REAR	1	1	1	1				
6	3	XL22553012	COVER, REAR	1	1	1	1				
7	3	XL1556315	REGULATOR ASSY,BRUSH	1	1	1	1				
8	4	XL2255330	BRUSH ASSY	1	1	1	1				2
9	4	XL12013262	BRUSH	2	2	2	2				
10	4	XTR1Z63	REGULATOR	1	1	1	1				
11	4	XL2251318	CONDENSER ASSY	1	1	1	1				
12	4	XL13513134	BOLT M5	2	2	2	2				
13	3	XL2253320	DIODE ASSY	1	1	1	1				
14	2	XL2253400	FRONT COVER ASSY	1	1	1	1				
15	3	XL15014042	BEARING RETAINER	1	1	1	1				
16	3	X6203BM	BALL BEARING	1	1	1	1				
17	2	XL225G6500	PULLEY ASSY	1	1	1	1				
18	2	XL15018015	BOLT, THROUGH	4	4	4	4				
19	2	XL15018010	NUT ASSY	1	1	1	1				
20	2	XL15028001	SCREW ASSY	1	1	1	1				
21	1	128271-77330	ADJUSTER	1	1	1	1				
22	1	25132-003100	V-BELT, A31	1	1						
23	1	26106-080302	BOLT, M8X 30 PLATED	1	1	1	1				
24	1	128271-77340	BOLT, M8X120	1	1	1	1				
25	1	26366-080002	NUT, M8	2	2	2	2				
26	1	105225-01900	GUIDE	2	2	2	2				
27	1	25132-003700	V-BELT, A37			1	1				
28	1	129772-77250	CONDENSER ASSY	1	1	1	1				3
29	2	129772-77260	CONDENSER	1	1	1	1				3
30	2	129772-77270	BUSH	2	2	2	2				3
31	2	129772-77280	CLAMP	1	1	1	1				3

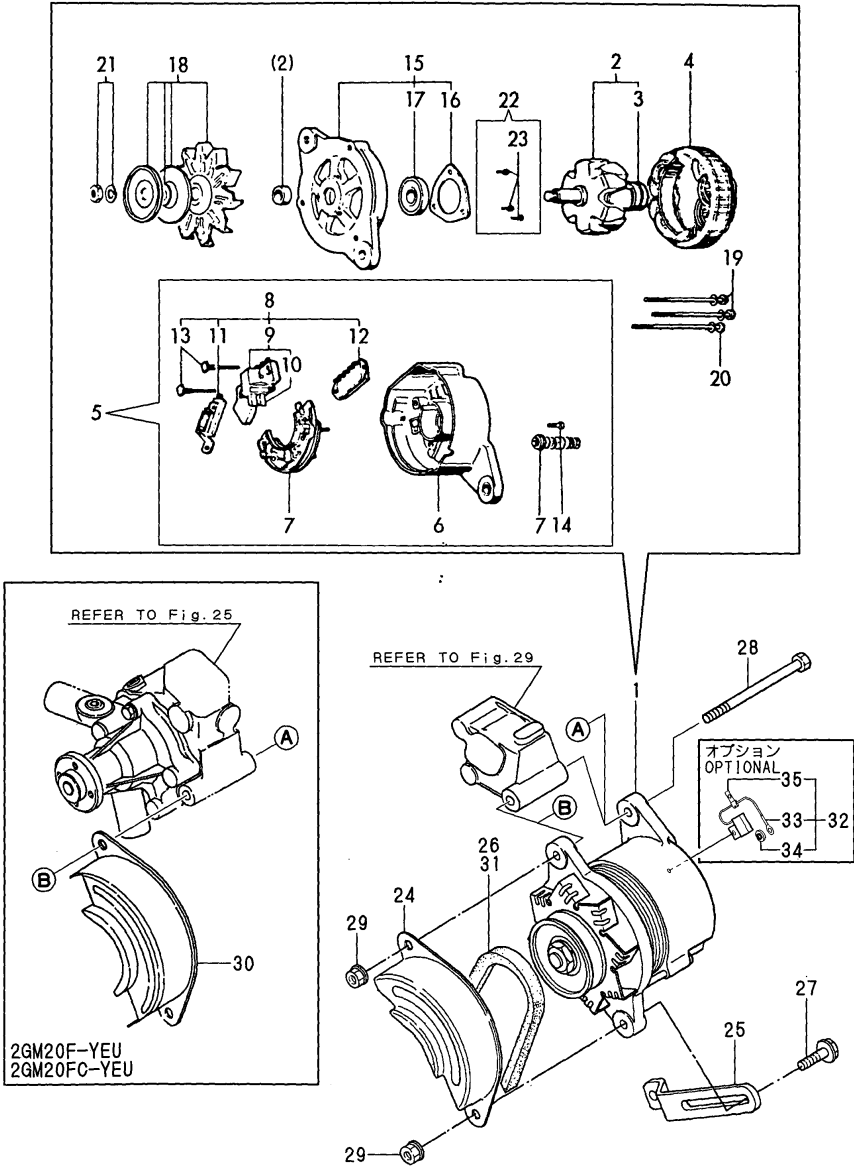
Remarks
(1)HITACHI:LR155-20B
12V 55A
(2)INC.9
(3)OPTIONAL

Fig.49. GENERATOR(OPTIONAL)

(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

Fig.49 ジェネレータ (オプション)
GENERATOR (OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-77200	GENERATOR, LR135-105	1	1	1	1				1
2	2	XL13561001	ROTOR ASSY	1	1	1	1				
3	3	X6201SD	BALL BEARING	1	1	1	1				
4	2	XL13542001	STATER ASSY	1	1	1	1				
5	2	XL13563003	COVER ASSY	1	1	1	1				
6	3	XL1358301	COVER	1	1	1	1				
7	3	XL1353320	DIODE ASSY	1	1	1	1				
8	3	XL13513152	BRUSH REGULATOR(W/CO	1	1	1	1				
9	4	XL1354326	BRUSH, CARBON	1	1	1	1				
10	4	XL12013262	BRUSH	2	2	2	2				
11	4	XL1352318	CONDENSER ASSY	1	1	1	1				
12	4	XTR1Z63	REGULATOR	1	1	1	1				
13	4	XL13513134	BOLT M5	2	2	2	2				
14	3	26557-050142	SCREW M 5X 14	1	1	1	1				
15	2	XL1359400	COVER ASSY, FRONT	1	1	1	1				
16	3	XL13514042	RETAINER	1	1	1	1				
17	3	X6302BM	BALL BEARING	1	1	1	1				
18	2	XL13525001	PULLEY ASSY	1	1	1	1				
19	2	XL1254801	BOLT, THROUGH	2	2	2	2				
20	2	XL1255801	BOLT, THROUGH	1	1	1	1				
21	2	XB495469B	NUT ASSY, PULLEY	1	1	1	1				
22	2	XL12010001	SCREW KIT	1	1	1	1				
23	3	26557-040122	SCREW, M4X12	3	3	3	3				
24	1	121250-77210	COVER, GENERATOR	1	1						
25	1	124790-77330	ADJUSTER, BELT	1	1	1	1				
26	1	25132-003000	V-BELT, A30	1	1						
27	1	26106-080302	BOLT, M8X 30 PLATED	1	1	1	1				
28	1	26106-081202	BOLT, M8X120 PLATED	1	1	1	1				
29	1	26366-080002	NUT, M8	2	2	2	2				
30	1	128695-77210	COVER, GENERATOR			1	1				
31	1	25112-003601	V-BELT, A36H			1	1				
32	1	128171-77250	CONDENSER ASSY	1	1	1	1				2
33	2	129772-77260	CONDENSER	1	1	1	1				2
34	2	129772-77270	BUSH	1	1	1	1				2
35	2	129772-77280	CLAMP	1	1	1	1				2

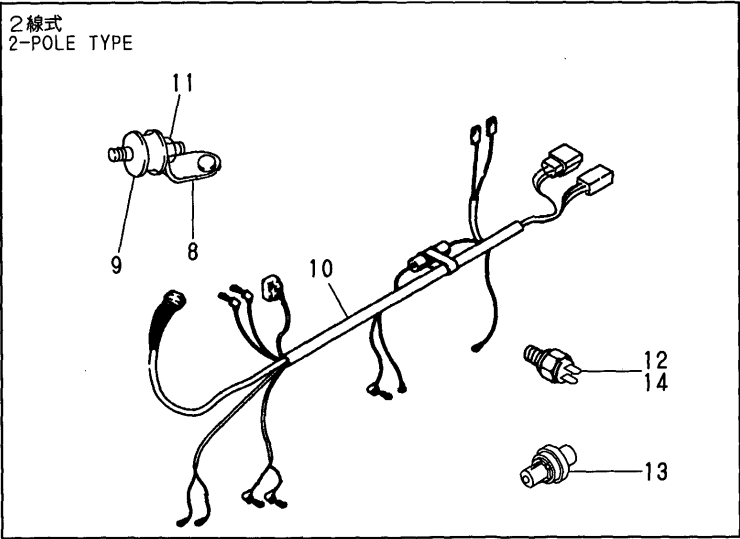
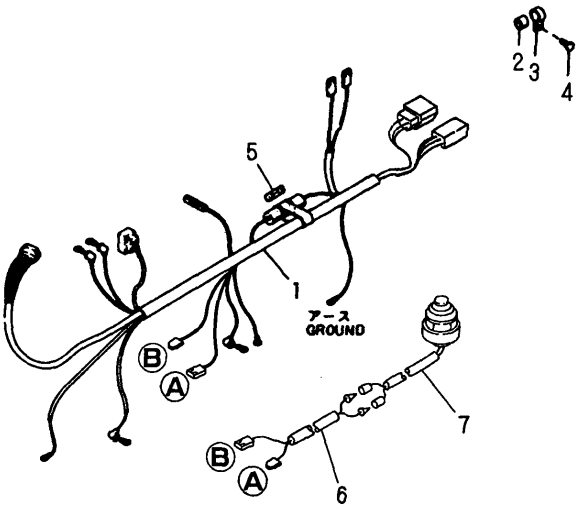
Remarks
(1)HITACHI:LR135-105
(2)OPTIONAL

Fig.50. WIRE HARNESS

(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

Fig.50 ワイヤハーネス
WIRE HARNESS

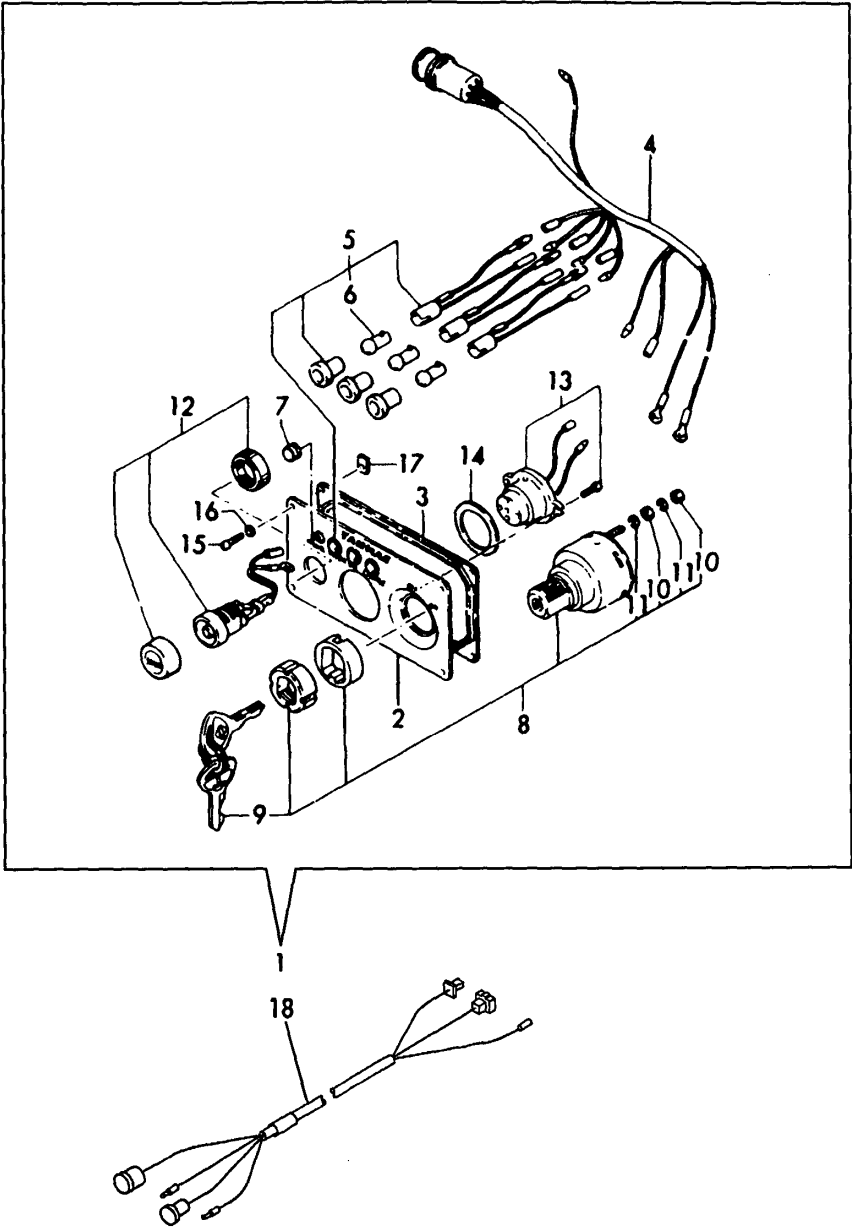


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128271-77922	HARNESS, WIRE	1	1	1	1				
2	1	124770-77940	PROTECTOR	1	1	1	1				
3	1	124070-77950	CLAMP	1	1	1	1				
4	1	26106-080142	BOLT, M8X 14 PLATED	1	1	1	1				
5	1	46150-003680	FUSE 30A	1	1	1	1				
6	1	177074-06350	HARNESS, WIRE	1	1	1	1				
7	1	120270-77101	SWITCH, SAFETY	1	1	1	1				
8	1	129590-59200	RETAINER, PIPE	1	1	1	1				1
9	1	194555-62750	RUBBER, ABSORBER	1	1	1	1				1
10	1	128391-77820	HARNESS, WIRE	1	1	1	1				1
11	1	26716-080002	NUT, M8	1	1	1	1				1
12	1	128271-91320	SWITCH, 65	1	1						1
13	1	126630-91591	SWITCH,OIL PRESSURE	1	1	1	1				1
14	1	119173-91320	SWITCH, 95			1	1				1

Remarks
(1)OPTIONAL

Fig.51. INSTRUMENT PANEL(A-TYPE,OPTIONAL)

Fig.51 計器盤 (Aタイプ, オプション)
INSTRUMENT PANEL (A-TYPE,OPTIONAL)

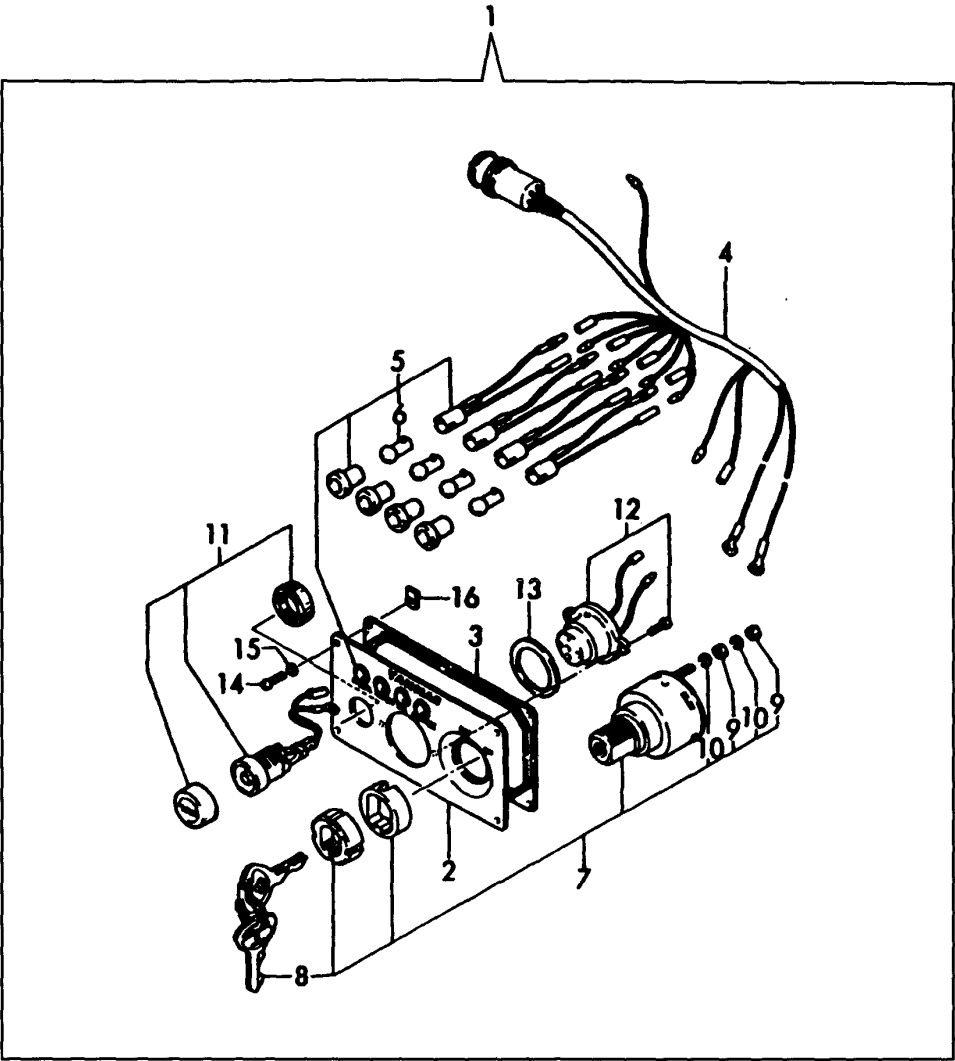


(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU
(D)=2GM20FC-YEU
(E)=
(F)=

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

Fig.52. INSTRUMENT PANEL(A-TYPE,SAIL,OPTIONAL)

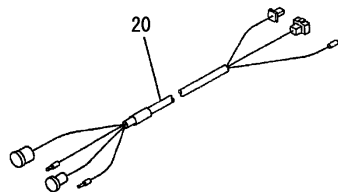
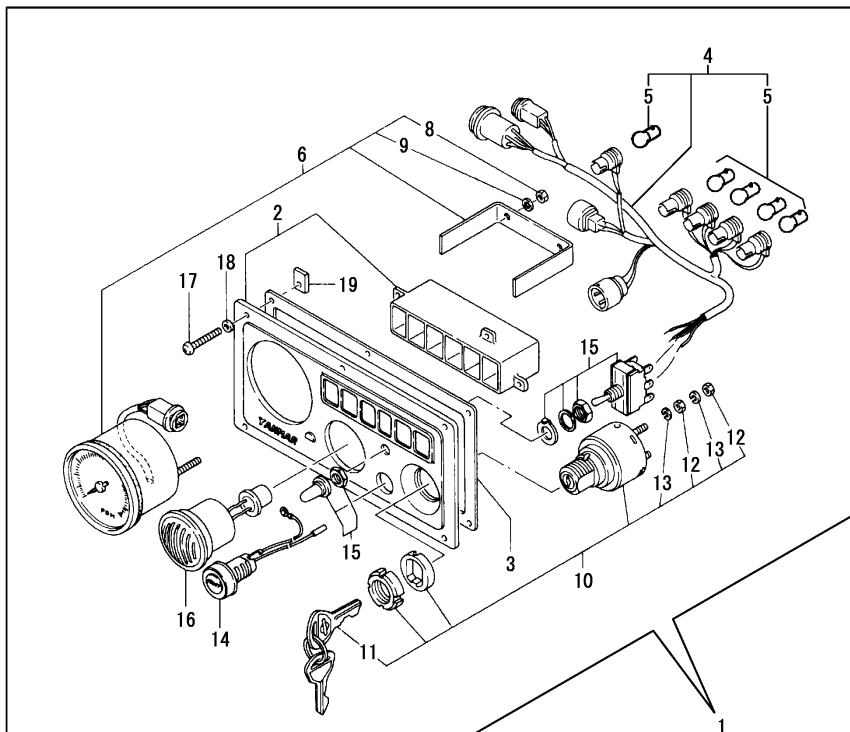
Fig.52 計器盤 (Aタイプ, セイル, オプション)
INSTRUMENT PANEL (A-TYPE, SAIL, OPTIONAL)



(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU
(D)=2GM20FC-YEU
(E)=
(F)=

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

Fig.53. INSTRUMENT PANEL(B-TYPE)(OPTIONAL)



(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

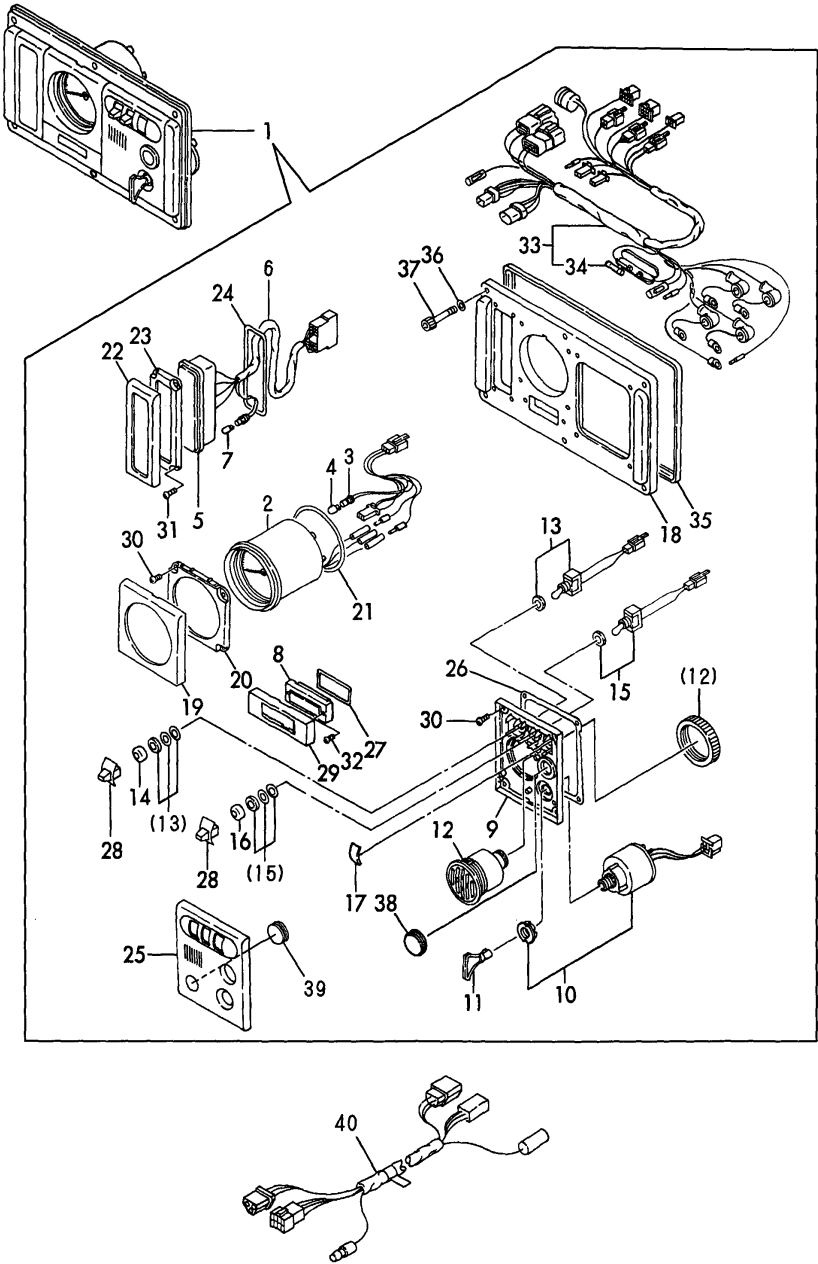
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128170-91001	PANEL, INSTRUMENT	1	1	1	1				
2	2	128170-91010	BODY, PANEL	1	1	1	1				
3	2	128170-91020	GASKET	1	1	1	1				
4	2	128170-91031	HARNESS, WIRE	1	1	1	1				
5	3	46150-001110	BULB(12V3W/G11.BA9S)	5	5	5	5				
6	2	128170-91100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

Fig.54. INSTRUMENT PANEL(B-TYPE,NEW,OPTIONAL)

(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

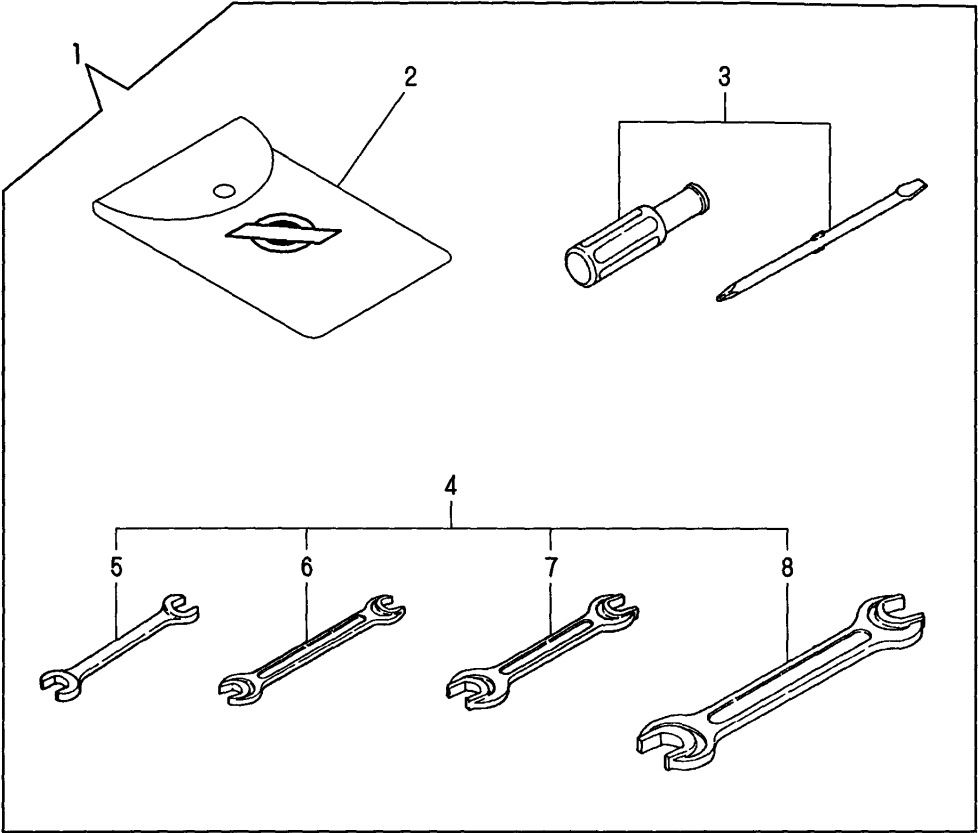
Fig.54 計器盤 (Bタイプ, 新形, オプション)
INSTRUMENT PANEL (B-TYPE, NEW, OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128391-91130	PANEL ASSY, INSTRUM	1	1	1	1				
2	2	128391-91200	METER KIT	1	1	1	1				
3	2	129574-91870	HARNESS, WIRE	1	1	1	1				
4	2	124617-91980	BULB, 12V-1.7W	1	1	1	1				
5	2	128391-91260	BOX	1	1	1	1				
6	2	128391-91860	WIRE	1	1	1	1				
7	2	124617-91980	BULB, 12V-1.7W	5	5	5	5				
8	2	129170-91650	COVER	1	1	1	1				
9	2	129574-91410	BRACKET, SWITCH	1	1	1	1				
10	2	121575-91250	SWITCH, KEY	1	1	1	1				
11	2	123482-91291	KEY	1	1	1	1				
12	2	104271-91352	BUZZER	1	1	1	1				
13	2	129170-91800	SWITCH	1	1	1	1				
14	2	129574-91780	CAP, RUBBER	1	1	1	1				
15	2	129574-91790	SWITCH	1	1	1	1				
16	2	129574-91780	CAP, RUBBER	1	1	1	1				
17	2	129170-91810	COVER	1	1	1	1				
18	2	128391-91930	PANEL	1	1	1	1				
19	2	129574-91620	BEZEL	1	1	1	1				
20	2	129574-91420	BRACKET	1	1	1	1				
21	2	129574-91720	GASKET	1	1	1	1				
22	2	128391-91640	BEZEL	1	1	1	1				
23	2	128391-91440	PLATE	1	1	1	1				
24	2	128391-91740	GASKET	1	1	1	1				
25	2	120324-91610	BEZEL	1	1	1	1				
26	2	129574-91710	GASKET	1	1	1	1				
27	2	129574-91750	GASKET	1	1	1	1				
28	2	129574-91770	KNOB	2	2	2	2				
29	2	129574-91650	BEZEL	1	1	1	1				
30	2	127692-91410	SCREW	8	8	8	8				
31	2	127692-91440	SCREW	4	4	4	4				
32	2	127692-91450	SCREW	2	2	2	2				
33	2	128391-91850	HARNESS, WIRE	1	1	1	1				
34	3	124617-91990	FUSE	1	1	1	1				
35	2	128391-91700	GASKET	1	1	1	1				
36	2	127687-91880	WASHER	6	6	6	6				
37	2	127687-91870	BOLT, M6X35	6	6	6	6				
38	2	120324-91690	COVER	1	1	1	1				
39	2	129574-91760	COVER	1	1	1	1				
40	1	128391-77700	HARNESS, WIRE	1	1	1	1				

Fig.55. TOOL

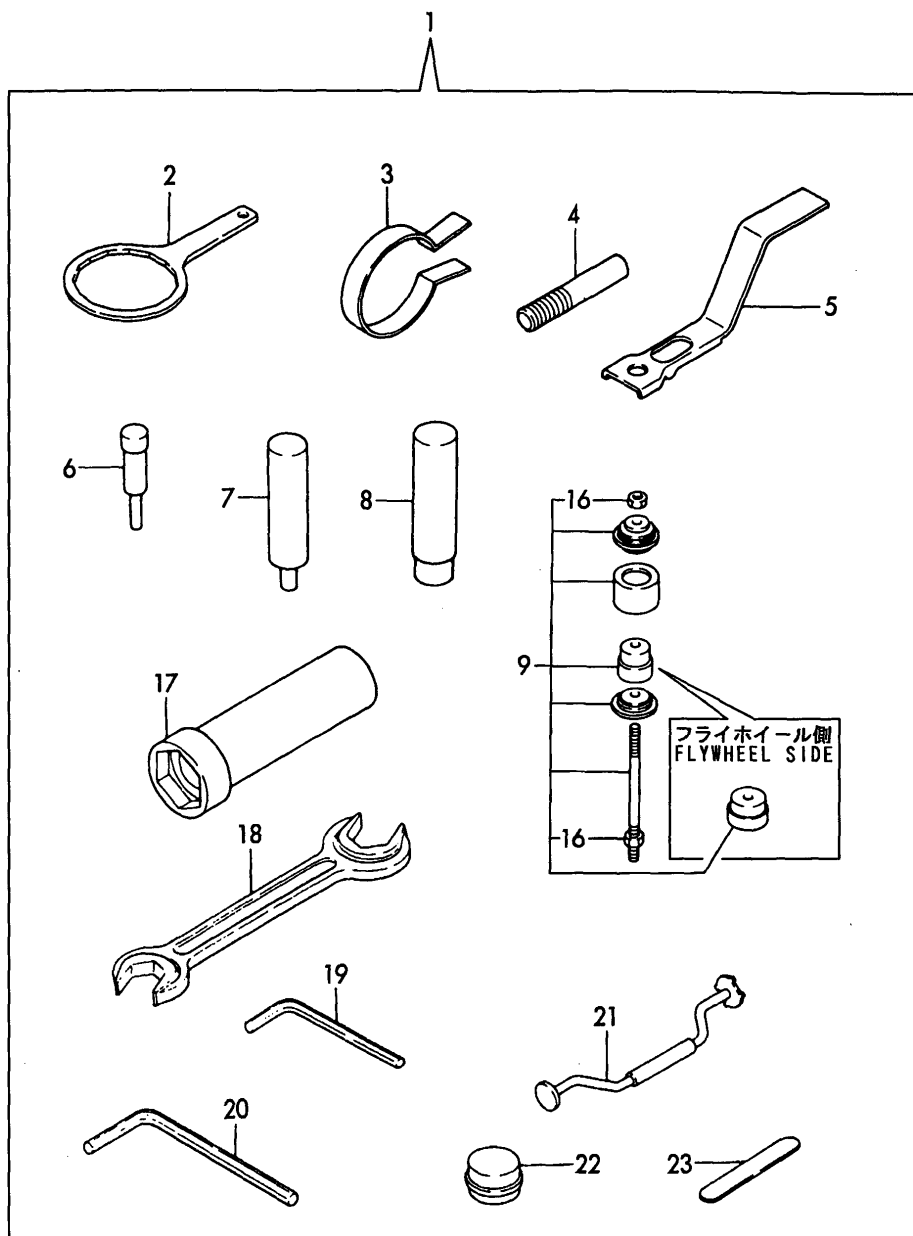
Fig.55 工具
TOOL



(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129270-92100	BOX, TOOL	1	1	1	1				
2	2	129270-92600	BAG, TOOL	1	1	1	1				
3	2	129270-92650	DRIVER	1	1	1	1				
4	2	129270-92690	WRENCH ASSY	1	1	1	1				
5	3	129270-92610	WRENCH, 10X13	1	1	1	1				
6	3	129270-92620	WRENCH, 12X14	1	1	1	1				
7	3	129270-92630	WRENCH, 17X19	1	1	1	1				
8	3	129270-92640	WRENCH, 22X24	1	1	1	1				

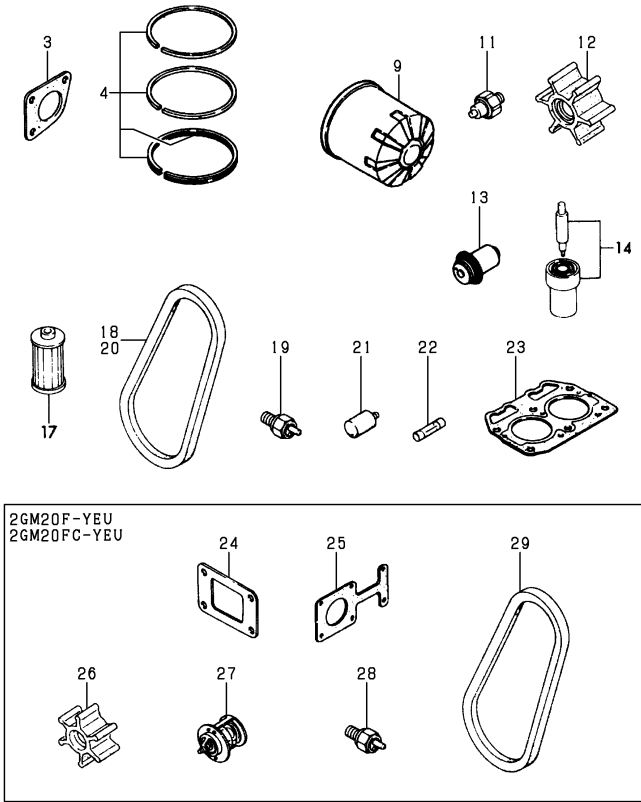


No.	Lev.	Parts No.	Description	Q'ty				(E)	(F)	I	R
				(A)	(B)	(C)	(D)				
1	1	728270-92401	TOOL ASSY, SPECIAL	1	1	1	1				
2	2	119640-92750	WRENCH, FILTER 80	1	1	1	1				
3	2	101200-92140	TOOL, PISTON&RING	1	1	1	1				
4	2	101104-92180	TOOL, NOZZLE REMOVER	1	1	1	1				
5	2	124085-92210	TOOL, VALVE REMOVER	1	1	1	1				
6	2	124085-92250	TOOL, VALVE GUIDE	1	1	1	1				
7	2	124085-92260	TOOL, PISTON PIN	1	1	1	1				
8	2	124085-92270	TOOL, PIN BUSH	1	1	1	1				
9	2	124085-92400	TOOL, METAL REMOVER	1	1	1	1				
16	3	26716-160002	NUT, M16	2	2	2	2				
17	2	124085-92700	WRENCH	1	1	1	1				
18	2	28110-270300	SPANNER, 27X30	1	1	1	1				
19	2	28150-040000	WRENCH, BAR 4	1	1	1	1				
20	2	28150-050000	WRENCH, BAR 5	1	1	1	1				
21	2	28210-000031	TOOL, VALVE RAPPING	1	1	1	1				
22	2	28210-000070	COMPOUND	1	1	1	1				
23	2	28312-200750	GAUGE, 0.20X75	1	1	1	1				

Fig.57. REPAIR PARTS(OPTIONAL)

Y00R4711

Fig.57 スペアパーツ (オプション)
REPAIR PART (OPTIONAL)



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

(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU
(D)=2GM20FC-YEU
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	1	128170-13201	GASKET, EXH. PIPE	1	1						
4	1	705311-22500	RING SET, PISTON	2	2	2	2				
9	1	119305-35170	FILTER ASSY, D68XL65	1	1	1	1				
11	1	124060-39451	SWITCH, 0.2KG	1	1	1	1				
11-1	1	124060-39452	SWITCH, 0.2KG	1	1	1	1				N
(A=*2000.01) (B=*2000.01) (C=*2000.01) (D=*2000.01)											
12	1	104211-42070	IMPELLER	1	1						
13	1	105582-49200	THERMOSTAT	1	1						
14	1	124770-53000	VALVE ASSY,INJECTION	2	2	2	2				
17	1	104500-55710	ELEMENT	1	1	1	1				
18	1	104511-78780	V-BELT, M/19	1	1	1	1				
19	1	128275-91340	SWITCH, 65	1	1						
20	1	25132-003100	V-BELT, A31	1	1						
21	1	27210-200300	ZINC, SCREW20X30	2	2						
22	1	46150-003680	FUSE 30A	1	1	1	1				
23	1	128271-01911	GASKET, HEAD	1	1	1	1				
24	1	128370-13201	GASKET			1	1				
25	1	128290-13251	GASKET			1	1				
26	1	128296-42070	IMPELLER			1	1				
27	1	121750-49800	THERMOSTAT			1	1				
28	1	127610-91350	SWITCH, 95			1	1				
29	1	25132-003700	V-BELT, A37			1	1				

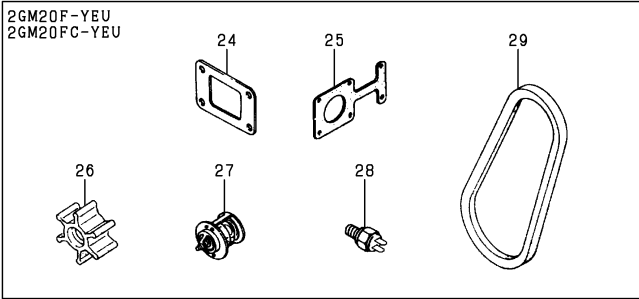
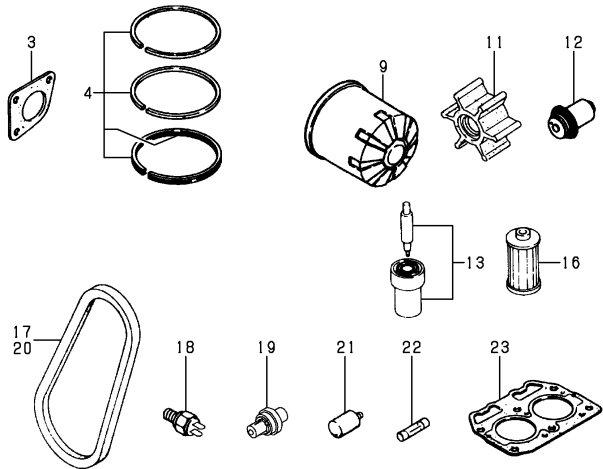
Fig.58. REPAIR PARTS(2-POLE TYPE,OPTIONAL)

(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

Y00R4711

Fig.58 スペアパーツ（2線式，オプション）
REPAIR PART(2-POLE TYPE, OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	1	128170-13201	GASKET, EXH. PIPE	1	1						
4	1	705311-22500	RING SET, PISTON	1	1	1	1				
9	1	119305-35170	FILTER ASSY, D68XL65		1	1	1				
11	1	104211-42070	IMPELLER	1	1						
12	1	105582-49200	THERMOSTAT	1	1						
13	1	124770-53000	VALVE ASSY,INJECTION	2	2	2	2				
16	1	104500-55710	ELEMENT	1	1	1	1				
17	1	104511-78780	V-BELT, M/19	1	1	1	1				
18	1	128271-91320	SWITCH, 65	1	1						
19	1	126630-91591	SWITCH,OIL PRESSURE	1	1	1	1				
20	1	25132-003100	V-BELT, A31	1	1						
21	1	27210-200300	ZINC, SCREW20X30	2	2						
22	1	46150-003680	FUSE 30A	1	1	1	1				
23	1	128271-01911	GASKET, HEAD	1	1	1	1				
24	1	128370-13201	GASKET			1	1				
25	1	128290-13251	GASKET			1	1				
26	1	128296-42070	IMPELLER			1	1				
27	1	121750-49800	THERMOSTAT			1	1				
28	1	119173-91320	SWITCH, 95			1	1				
29	1	25132-003700	V-BELT, A37			1	1				

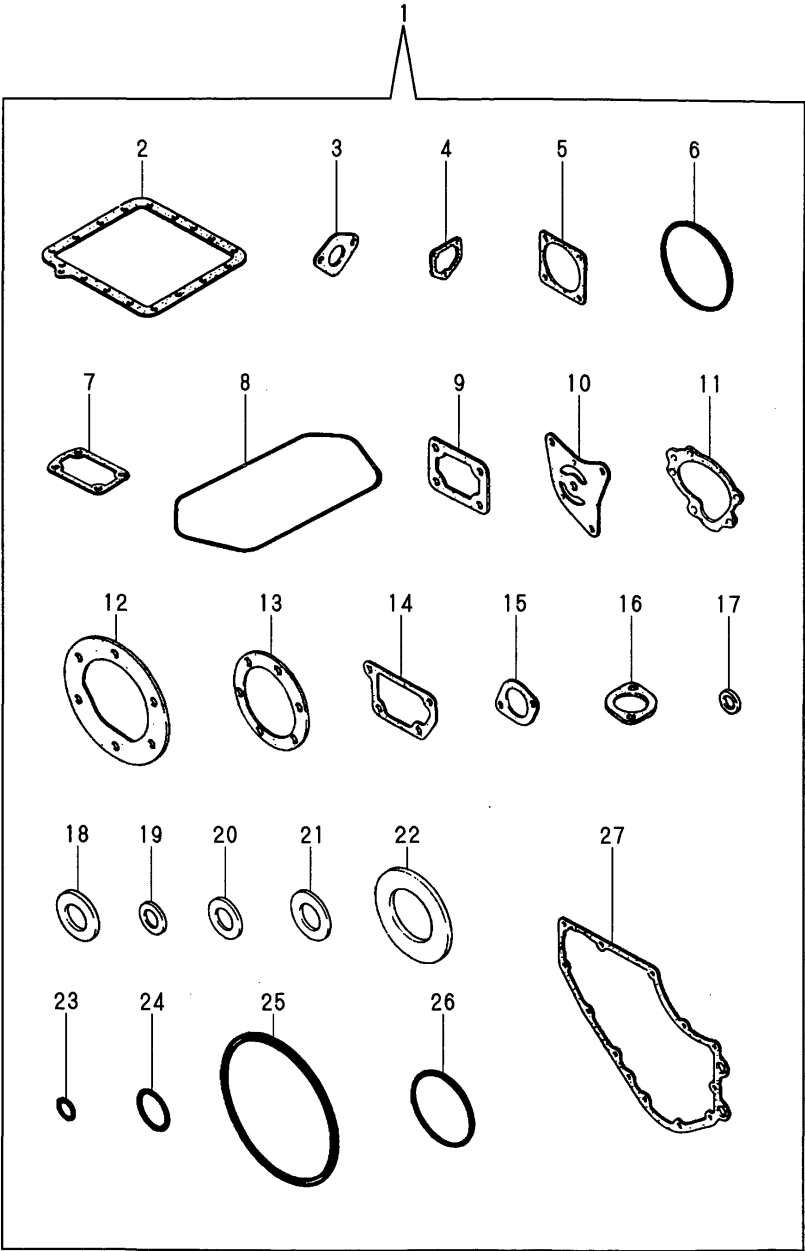
Remarks
(1)O-ring is integrated type.
(integrated to the LO.filter)

Fig.59. GASKET SET(OPTIONAL)

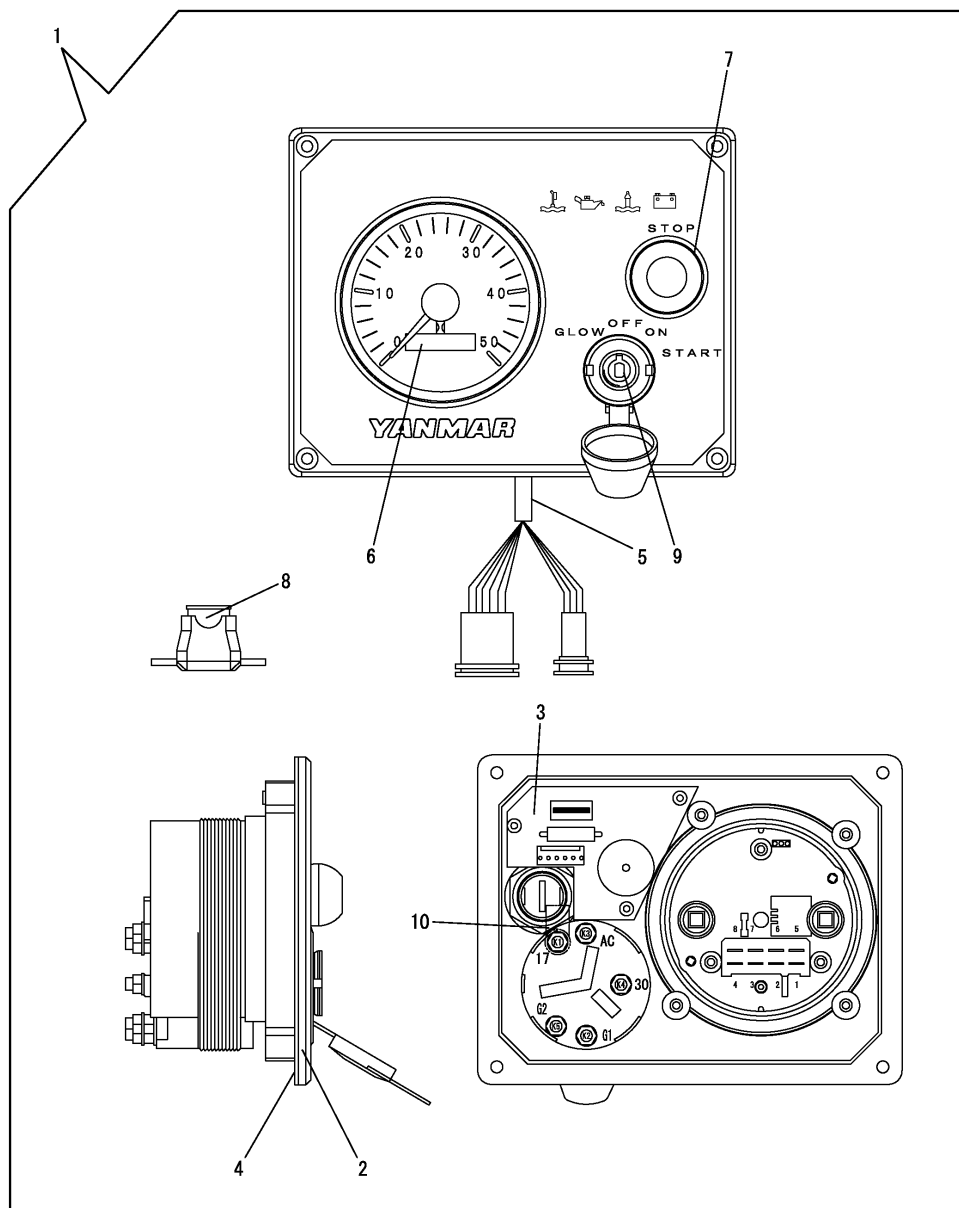
(A)=2GM20-YEU
(B)=2GM20C-YEU
(C)=2GM20F-YEU

(D)=2GM20FC-YEU
(E)=
(F)=

Fig.59 パッキンセット (オプション)
GASKET SET (OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728277-92600	GASKET SET	1	1	1	1				
2	2	124000-01751	GASKET, OIL SUMP	1	1	1	1				
3	2	121520-01851	GASKET	1	1	1	1				
4	2	121575-01861	GASKET	1	1	1	1				
5	2	124240-01883	GASKET	1	1	1	1				
5-1	2	129C26-01890	GASKET, HO-P	1	1	1	1				R
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											
6	2	105225-02020	O-RING	1	1	1	1				
7	2	121000-03070	GASKET	1	1	1	1				
8	2	128270-11310	GASKET, BONNET	1	1	1	1				
9	2	121450-11681	GASKET	1	1	1	1				
10	2	121450-32021	GASKET, PUMP	1	1	1	1				
11	2	121000-42051	GASKET, WATER PUMP	1	1	1	1				
12	2	104211-42090	GASKET	1	1	1	1				
13	2	124223-42110	GASKET, WATER PUMP	1	1	1	1				
14	2	121450-44410	GASKET	1	1	1	1				
15	2	104211-49160	GASKET	1	1	1	1				
16	2	124736-49540	GASKET	1	1	1	1				
17	2	22190-060002	WASHER, SEAL 6	2	2	2	2				
18	2	22190-120002	WASHER, SEAL 12	2	2	2	2				
19	2	23414-080000	GASKET, 8X1.0	20	20	20	20				
20	2	23414-100000	GASKET, 10X1.0	5	5	5	5				
21	2	23414-120000	GASKET, 12X1.0	20	20	20	20				
22	2	23414-250000	GASKET, 25X1.0	5	5	5	5				
23	2	24311-000100	O-RING, 1AP10.0	2	2	2	2				
24	2	24311-000160	O-RING, 1AP16.0	1	1	1	1				
25	2	24311-000700	O-RING, 1AP70.0	2	2	2	2				
26	2	24321-000350	O-RING, 1AG35.0	1	1	1	1				
27	2	121575-01511	GASKET, GEAR CASE	1	1	1	1				



				(A)=2GM20-YEU (B)=2GM20C-YEU (C)=2GM20F-YEU	(D)=2GM20FC-YEU (E)= (F)=						
No.	Lev.	Parts No.	Description		(A)	(B)	(C)	(D)	(E)	(F)	I R
1	1	129271-91110	PANEL, INSTRUMENT B	(A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1			W
1-1	1	129271-91111	PANEL, INSTRUMENT B		1	1	1	1			N
1-2	1	129271-91112	PANEL	(A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1			N
1-3	1	128171-91110	PANEL, INSTRUMENT B	(A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1			N
2	2	129271-91120	PANEL, INSTRUMENT B		1	1	1	1			
3	2	129271-91130	CIRCUIT		1	1	1	1			
3-1	2	129271-91131	CIRCUIT WITH LED&BZR	(A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1			N
3-2	2	129271-91132	CIRCUIT WITH LED&BZR	(A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1			N
4	2	129271-91140	SEAL		1	1	1	1			
5	2	129271-91150	HARNESS, WIRE		1	1	1	1			
6	2	129271-91210	TACHOMETER		1	1	1	1			
6-1	2	128171-91210	TACHOMETER (IND) 97	(A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1			N
7	2	129271-91220	SWITCH, STOP		1	1	1	1			
8	2	129271-91230	FUSE		1	1	1	1			
9	2	127412-91250	SWITCH, KEY		1	1	1	1			
10	2	129271-91260	CAP, RUBBER M5	(A=EZZZZZ) (B=EZZZZZ) (C=EZZZZZ) (D=EZZZZZ)	1	1	1	1			W

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101104-92180	56	4
101147-11900	11	48
	12	46
101147-59810	38	10
101158-11230	11	39
	12	37
101200-92140	56	3
101720-55750	35	7
		21
103338-11430	11	44
	12	42
103854-51251	32	25
103854-51660	32	34
103854-53180	34	11
103854-59191	37	2
103854-59201	37	3
104200-11180	11	18
	12	18
104200-14200	16	5
		16
104211-11370	11	11
	12	11
104211-42070	57	12
	58	11
104211-42090	59	12
104211-42130	40	1
104211-49160	29	4
	59	15
104211-53120	34	8
104214-13580	15	2
		16
104214-83980	45	12
104264-59020	37	1
		18
104264-59030	33	3
	37	19
104271-67550	42	28
104271-91351	53	16
104271-91352	54	12
104500-55710	35	3
		17
	57	17
	58	16
104511-78780	24	29
	57	18
	58	17
105225-01900	48	26
105225-02020	6	5
	59	6
105225-02300	6	14

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105225-11100	11	7
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105225-11110	11	8
	12	8
105225-11350	11	12
	12	12
105225-22300	18	8
105225-22400	18	9
105225-23180	18	26
105225-23200	18	21
105300-61200	40	4
105311-01090	1	5
105311-11420	11	42
	12	40
105311-22090	18	1
105311-23380	18	24
105311-59500	38	5
105311-67100	43	15
105311-67200	43	2
105500-51300	32	7
105582-49200	29	5
	57	13
	58	12
105582-59150	33	4
	37	20
105583-49910	1	24
105583-85900	45	11
110250-53150	34	10
110250-55610	35	5
		19
113200-53110	34	7
113200-53120	34	9
119173-91320	50	14
	58	28
119305-35170	19	27
	57	9
	58	9
119370-59040	38	3 -1
119593-39450	38	1
		1 -1
119620-49290	1	23 -1
	26	10 -1
119640-92750	56	2
120130-49350	1	23
	26	10
120270-77101	50	7
120324-91610	54	25
120324-91690	54	38
121000-01850	2	17
	3	17

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121000-03021	7	1
121000-03070	59	7
121000-03071	7	2
121000-11050	11	17
	12	17
121000-42051	25	2
	59	11
121000-42100	25	3
121000-61600	40	17
121000-66090	41	3
121150-35100	19	19
121250-77210	49	24
121370-55730	35	4
		18
121450-01203	1	20
121450-01210	1	6
121450-01220	1	7
121450-01560	3	3
121450-01801	2	12
	3	12
121450-01951	2	23
	3	22
121450-01960	1	13
121450-01980	1	14
121450-01990	1	11
121450-02071	6	13
121450-02100	1	15
	6	7
121450-02110	6	3
121450-02160	6	10
121450-02310	1	34
	6	17
121450-02320	6	15
121450-02370	6	16
121450-11260	11	49
	12	48
121450-11270	11	50
	12	49
121450-11670	12	19
121450-11681	11	20
	12	20
	59	9
121450-14400	16	6
		17
121450-21541	17	8
121450-32021	19	1
	59	10
121450-32050	19	4
121450-32060	19	5
121450-32200	19	11

Parts No.	Fig. No.	Ref. No.
121450-42240	25	6
121450-42260	25	7
121450-42310	25	8
121450-44410	25	16
	29	1
	59	14
121450-51550	32	27
121465-59950	36	15
121520-01851	33	1
	59	3
121550-11280	11	32
	12	30
121550-11290	11	33
	12	31
121574-21500	17	14
121574-86320	4	6
	43	8
121575-01511	2	6
	3	6
	59	27
121575-01861	2	18
	3	18
	59	4
121575-07240	9	2
121575-11121	11	9
	12	9
121575-11670	11	19
121575-32090	19	2
121575-49310	28	3
121575-61161	40	12
121575-61220	40	5
121575-61620	40	18
121575-61720	40	20
121575-66051	41	2
121575-66200	41	6
121575-66310	40	21
121575-66510	42	2
121575-66520	42	4
121575-66550	42	5
121575-66580	42	6
121575-66800	41	10
	42	19
121575-66850	41	11
121575-91250	54	10
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	57	27
	58	27
121750-59890	30	4
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122780-09320	11	22
123210-09310	1	17
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123310-77640	47	28
123372-03150	9	4
123372-59100	36	1
123482-91291	54	11
123682-07851	8	6
123682-44201	26	6
124000-01751	5	2
	59	2
124000-11240	11	51
	12	27
124000-13201	15	1
124000-14090	16	2
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124060-01050	1	4
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	3	5
124060-11160	11	4
	12	4
124060-39451	20	7
	57	11
124060-39452	20	7 -1
	57	11 -1
124060-59380	37	4
124070-13300	15	13
124070-13520	15	12
124070-14760	16	7
124070-42400	24	25
124070-59060	39	1
124070-59110	38	3
124070-59130	39	2
124070-77950	50	3
124070-91250	51	8
	52	7
	53	10
124070-91290	51	9
	52	8
	53	11
124070-91300	51	12
	52	11
	53	14
124085-01900	1	9
124085-02220	6	4
124085-35300	19	20
124085-35350	19	26
124085-51500	32	26
124085-92210	56	5
124085-92250	56	6

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124085-92260	56	7
124085-92270	56	8
124085-92400	56	9
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