

0CF10-M52300EN

PREFACE

1. This Parts Catalog is the 1st edition of Model 3 J H 2 , Model 3 J H 2 Z .

Parts Catalog No : 000 Y 00 F 5230
Published : Mar., 1995
2. Your understanding is asked that this Parts Catalog is not a technical data manual setting forth such as maintenance servicing procedures, this Parts Catalog is using simplified illustration & the contents of this Parts Catalog may de altered without prior notice.
Be sure to use Yanmar Genuine Parts in your maintenance serving Yanmar product.

3. Standard finish color
Metallic ecole silver

Parts No 977620—10070 1 ℓ (Packed in a can)
977620—40070 4 ℓ (Packed in a can)
T O R—90090003 Spray (1 piece)

4. The essential points list

Name of diesel engine		3 J H 2	3 J H 2 Z
Type		Vertical, water-cooled, four-cycle diesel engine	
No. of cylinder, Internal diameter, Strcke length		3 × 82mm × 86mm	
Continuous rated output		32 P S / 3400rpm	
Combustion system		Direct injection	
Starting system		Electric starting D C 12V 1.4kw	
Direotion of rotation (as viewed from stern)	Crankshaft	Counter-clockwise	
	Propeller shaft	Clockwise	—————
Power take-off position		Flywheel side	
Cooling system		Fresh water (Filtered sea water) cooling	
Lubricating system		Fully sealed, forced ^u feed lubrication	
Reduction reverser		Y X—10— 1	(S Z—80)
Reduction gear ratio	$i=2.54$	129190—81100	—————
	$i=3.13$	129190—81200	—————
	$i=3.50$	129190—81300	—————

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OCF10-M52300

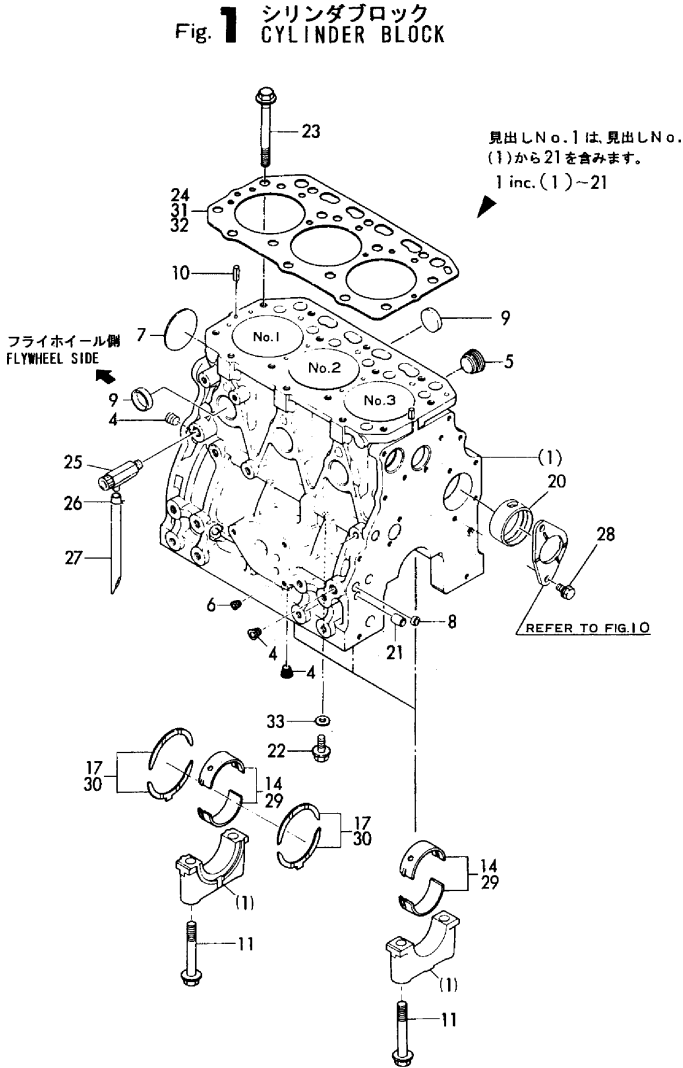
Fig. No.	Fig. Name
3JH2	
1.	CYLINDER BLOCK
2.	GEAR HOUSING
3.	FLYWHEEL HOUSING&LUB. OIL SUMP
4.	LABEL
5.	MOUNTING FOOT
6.	CYLINDER HEAD
7.	BONNET
8.	SUCTION MANIFOLD
9.	EXHAUST PIPE & MIXING ELBOW
10.	CAMSHAFT & DRIVING GEAR
11.	CRANKSHAFT & PISTON
12.	LUB. OIL SYSTEM
13.	LUB. OIL COOLER
14.	LUB. OIL PIPE
15.	COOLING WATER SYSTEM(SEA WATER)
16.	COOLING FRESH WATER SYSTEM
17.	COOLING FRESH WATER COOLER
18.	FUEL INJECTION PUMP
19.	FUEL FEED PUMP
20.	FUEL INJECTION PIPE & FUEL INJECTION VALVE
21.	TIMER
22.	FUEL PIPE
23.	GOVERNOR
24.	ENGINE STOP

Fig. No.	Fig. Name
25.	REMOTE CONTROL SUPPORT
26.	STARTING MOTOR
27.	GENERATOR
28.	WIRE HARNESS & SENSOR
29.	TOOL
30.	CLUTCH
31.	SUCTION/WASTE OIL PUMP
32.	OIL/WATER SEPARATOR
33.	INSTRUMENT PANEL(A TYPE)
34.	INSTRUMENT PANEL(B TYPE)
35.	BILGE PUMP(STD)(OPTIONAL)
36.	BILGE PUMP(DX)(OPTIONAL)
37.	SEA WATER STRAINER(OPTIONAL)
38.	REPAIR PART(OPTIONAL)
39.	GASKET SET(OPTIONAL)

Fig.1. CYLINDER BLOCK

(A)=3JH2
(B)=3JH2Z
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729190-01560	BLOCK ASSY, CYLINDER	1	1						
4	3	119600-01050	PLUG, PT1/4	3	3						
5	3	171051-01921	PLUG, NPTF1	1	1						
6	3	23871-010000	PLUG, R01	1	1						
7	3	27231-500000	PLUG 50	1	1						
8	3	27241-120000	PLUG, 12	2	2						
9	3	27241-300000	PLUG 30	6	6						
10	2	22351-060012	PIN, SPRING 6.0X12	2	2						
11	2	129150-02020	BOLT, METAL CAP	8	8						
14	2	129150-02800	BEARING, MAIN	4	4						
17	2	129150-02930	BEARING, THRUST	2	2						
20	2	129795-02411	BUSH, CAMSHAFT	1	1						
21	2	129795-01950	PIPE, KNOCK L=18	2	2						
22	1	26106-080122	BOLT, M8X 12 PLATED	3	3						
23	1	129150-01200	BOLT, HEAD	14	14						
24	1	129171-01330	GASKET, HEAD T=1.4	1	1						3
25	1	128371-01800	COCK ASSY, 1/4	1	1						
26	1	124460-77680	RETAINER	1	1						
27	1	23061-070300	PIPE, 7X 300	1	1						
28	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
29	1	129150-02870	BEARING, 0.25 US	4	4						1
30	1	129150-02940	BEARING, THRUST 0.25	2	2						2
31	1	129171-01320	GASKET, HEAD T=1.3	1	1						4
32	1	129171-01340	GASKET, HEAD T=1.5	1	1						4
33	1	23414-080000	GASKET, 8X1.0	3	3						

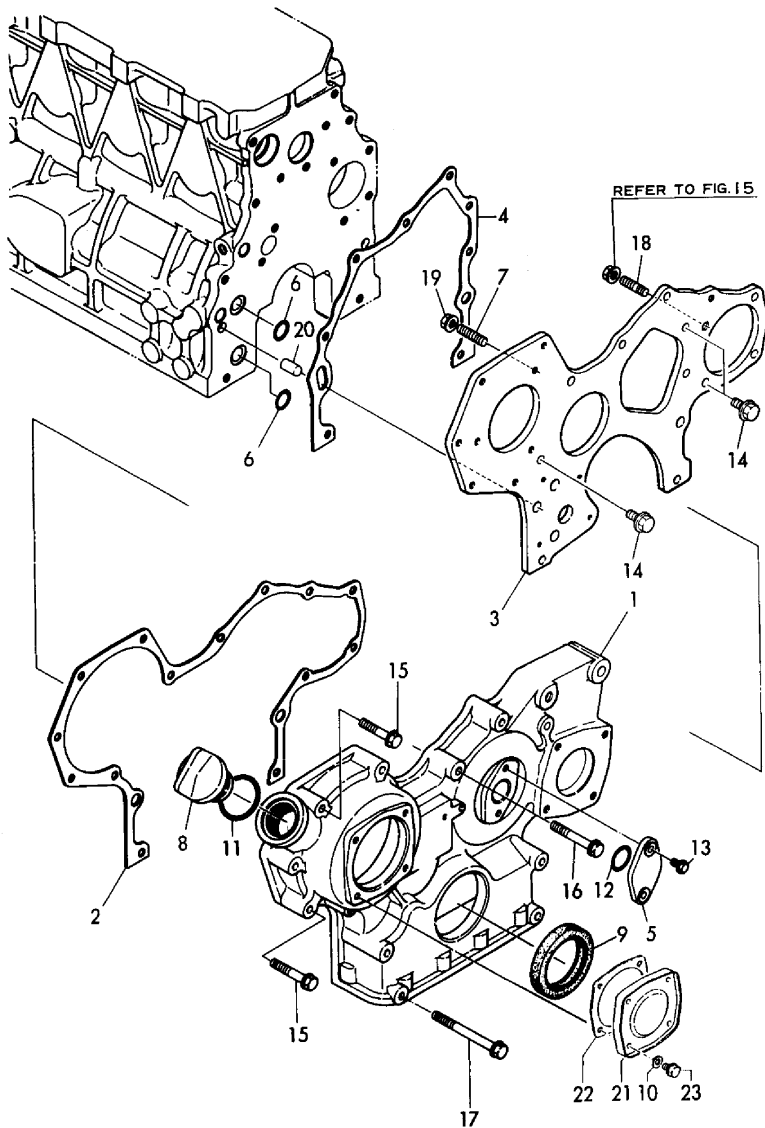
Remarks
(1) UNDER SIZED METAL(0.25)
(2) OVER SIZED METAL(0.25)
(3) STANDARD
(4) ADJUSTMENT

Fig.2. GEAR HOUSING

(A)=3JH2
(B)=3JH2Z
(C)=

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

Fig.2 ギヤケース
GEAR HOUSING

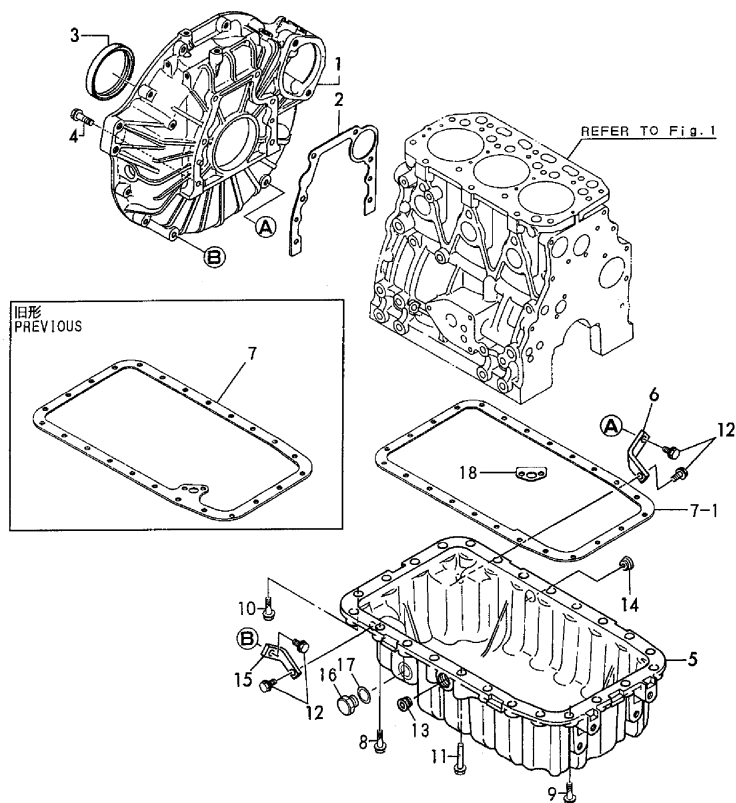


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-01501	CASE, GEAR	1	1						
2	1	129470-01510	GASKET, GEAR CASE	1	1						
3	1	129100-01520	FLANGE, GEAR CASE	1	1						
4	1	129470-01531	GASKET	1	1						
5	1	121023-01550	COVER	1	1						
6	1	129470-01550	O-RING	2	2						
7	1	121450-01560	STUD, M8X22	3	3						
8	1	124160-01751	COVER, FILLER	1	1						
9	1	129795-01800	SEAL, OIL	1	1						
10	1	23414-080000	GASKET, 8X1.0	4	4						
11	1	24311-000320	O-RING, 1AP32.0	1	1						
12	1	24341-000260	O-RING, 1AS26.0	1	1						
13	1	26106-060162	BOLT, M6X 16 PLATED	2	2						
14	1	26106-080162	BOLT, M8X 16 PLATED	3	3						
15	1	26106-080452	BOLT, M8X 45 PLATED	6	6						
16	1	26106-080552	BOLT, M8X 55 PLATED	3	3						
17	1	26106-080852	BOLT, M8X 85 PLATED	4	4						
18	1	26216-080182	STUD, M8X 18	1	1						
19	1	26366-080002	NUT, M8	3	3						
20	1	129795-01950	PIPE, KNOCK L=18	2	2						
21	1	129150-01870	COVER	1	1						
22	1	129150-01881	GASKET	1	1						
22-1	1	129C26-01890	GASKET, HO-P	1	1						R
(A=EXXXXX) (B=EXXXXX)											
23	1	26106-080122	BOLT, M8X 12 PLATED	4	4						

Fig.3. FLYWHEEL HOUSING&LUB. OIL SUMP

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PUBLISHED: 1998/3

Fig. 3 フライホイールハウジング&オイルパン
FLYWHEEL HOUSING & LUB.OIL SUMP



Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.7 IS
REF.NO.7-1 & 18.

(A)=3JH2
(B)=3JH2Z
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129400-01600	HOUSING, FLYWHEEL	1	1						
2	1	129470-01620	GASKET	1	1						
3	1	129795-01780	SEAL, OIL	1	1						
4	1	26106-100302	BOLT, M10X 30 PLATED	6	6						
5	1	129170-01701	SUMP, OIL	1	1						
6	1	129190-01710	BRACKET	1	1						
7	1	129198-01750	GASKET, OIL SUMP	1	1						
7-1	1	129150-01750	GASKET, OIL SUMP	1	1					F	1
		(A=E/#00453)	(B=E/#00454)								
8	1	26106-080252	BOLT, M8X 25 PLATED	10	10						
9	1	26106-080252	BOLT, M8X 25 PLATED	6	6						
10	1	26106-080252	BOLT, M8X 25 PLATED	4	4						
11	1	26106-080402	BOLT, M8X 40 PLATED	4	4						
12	1	26106-100252	BOLT, M10X 25 PLATED	4	4						
13	1	23871-030000	PLUG, R03	1	1						
14	1	23871-030000	PLUG, R03	1	1						
15	1	129190-01720	BRACKET	1	1						
16	1	23887-160002	PLUG, 16	1	1						W
		(A=FROM 1ST)	(B=FROM 1ST)								
17	1	23414-160021	GASKET, 16X1.0	1	1						W
		(A=FROM 1ST)	(B=FROM 1ST)								
18	1	129470-35040	GASKET	1	1						W
		(A=E/#00453)	(B=E/#00454)								

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

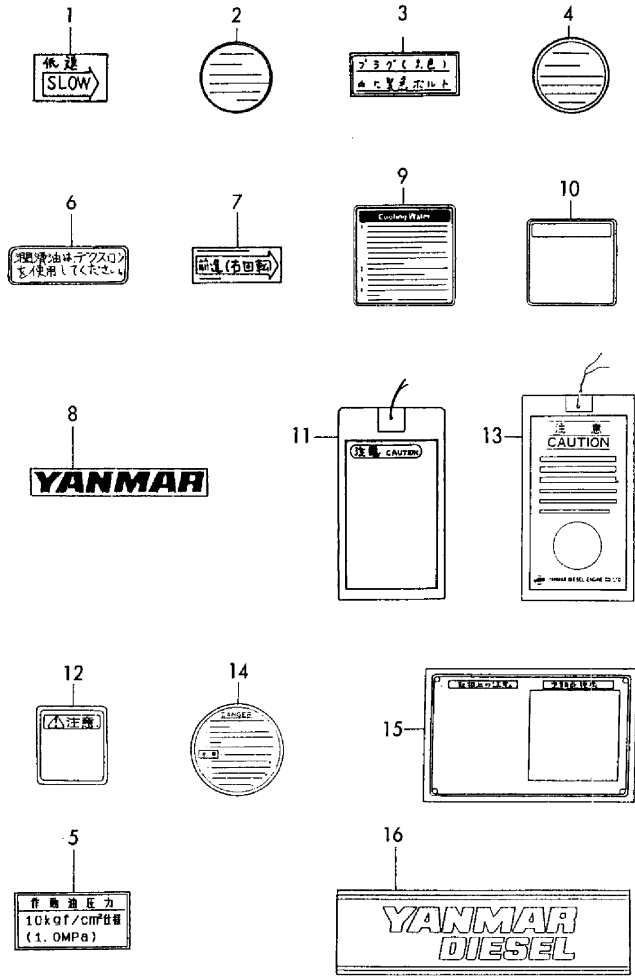
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Fig.4. LABEL

(A)=3JH2
(B)=3JH2Z
(C)=

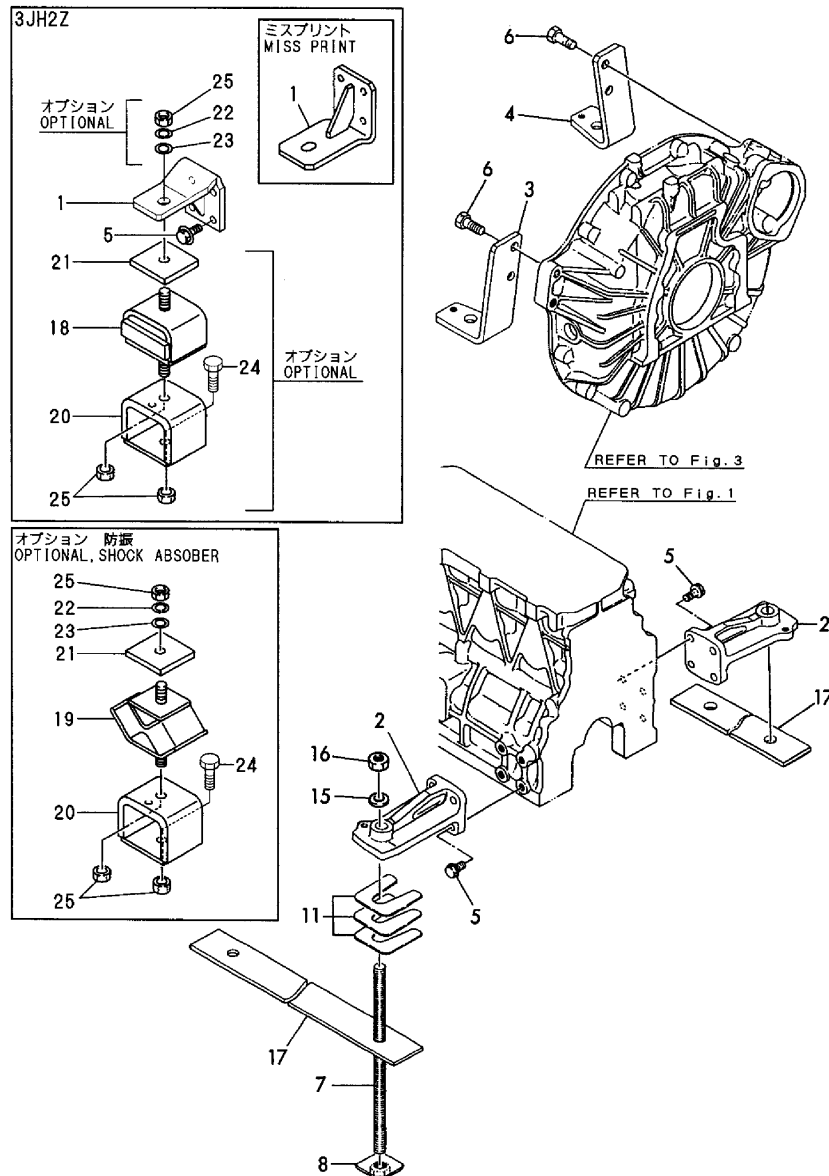
(D)=
(E)=
(F)=

Fig.4 銘板 LABEL



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177058-02450	LABEL	1							
2	1	177061-02800	LABEL	1							
3	1	177061-02810	LABEL	1							
4	1	176063-02930	LABEL, STRAINER	1							
5	1	177040-02950	LABEL	1							
6	1	177048-02950	LABEL, CAUTION	1							
7	1	177055-02950	LABEL	1							
8	1	104507-07190	LABEL, YANMAR	1							
9	1	135665-07200	LABEL, CAUTION	1	1						
10	1	129198-07350	LABEL	1	1						
11	1	129198-07360	TAG,CAUTION	1	1						
12	1	120322-07410	LABEL	1	1						
13	1	123682-07850	LABEL, CAUTION	1	1						
14	1	120445-44620	LABEL, CAUTION	1	1						
15	1	129490-07451	LABEL, CAUTION	1	1						
16	1	127610-07990	LABEL	1	2						

Fig. 5 マウンティングフット
MOUNTING FOOT



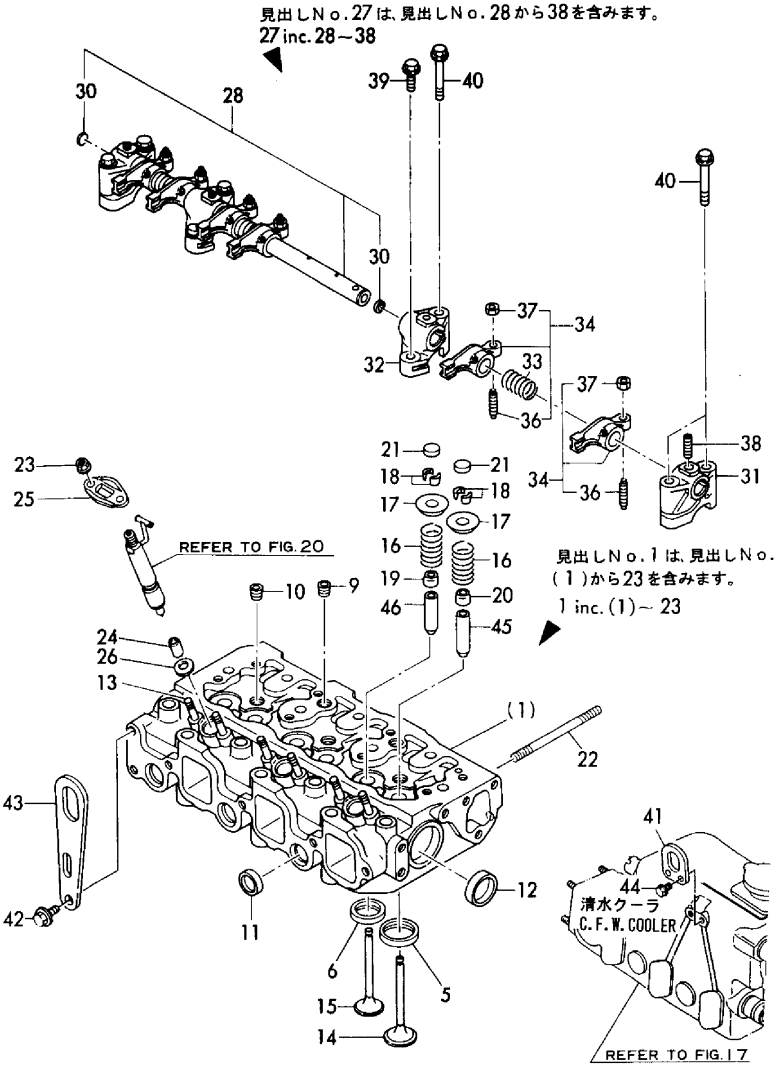
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129195-08100	FOOT, MOUNTING		4						
1-1	1	129195-08101	FOOT, MOUNTING		4						N
		(B=E/#00480)									
2	1	129490-08100	FOOT, MOUNTING	2							
3	1	129490-08110	FOOT, MOUNTING	1							
4	1	129490-08120	FOOT, MOUNTING	1							
5	1	26106-100202	BOLT, M10X 20 PLATED	8	14						
5-1	1	26106-100222	BOLT, M10X 22 PLATED		14						N
		(B=E/#00785)									
6	1	26116-120302	BOLT, M12X 30 PLATED	4							
7	1	124220-92700	BOLT, FOUNDATION	4							
8	1	124220-92920	NUT ASSY	4							
11	1	123672-92950	SHIM	1							
15	1	22212-140000	SPRING WASHER 14	4							
16	1	26716-140002	NUT, M14	4							
17	1	129190-08130	PLATE	2							
18	1	129495-08110	BRACKET		4						
18-1	1	129495-08111	FOOT		4						N
		(B=E/#00533)									
19	1	121575-08340	ABSORBER		4						
20	1	129195-08350	SPACER		4						
21	1	102410-92940	WASHER		4						
22	1	22217-120000	WASHER, SPRING 12		4						
23	1	22137-120000	WASHER, 12		4						
24	1	26116-120452	BOLT, M12X 45 PLATED		4						
25	1	26716-120002	NUT, M12		12						

Fig.6. CYLINDER HEAD

(A)=3JH2
(B)=3JH2Z
(C)=

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

Fig.6 シリンダヘッド
CYLINDER HEAD

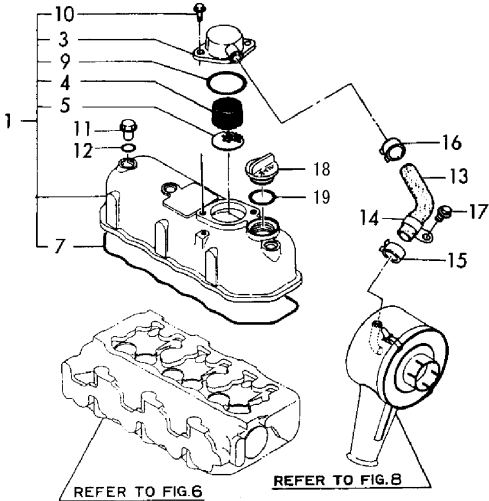


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729198-11700	HEAD ASSY, CYLINDER	1	1						
5	3	129470-11850	SEAT, EXHAUST VALVE	3	3						
6	3	129470-11090	SEAT, EXHAUST VALVE	3	3						
9	3	121850-11860	PLUG, PT1/4	2	2						
10	3	23871-030000	PLUG, R03	3	3						
11	3	27241-220000	PLUG, 22	3	3						
12	3	27241-400000	PLUG, 40	2	2						
13	3	26216-060202	STUD, M6X 20	6	6						
14	2	129100-11100	VALVE, INTAKE	3	3						
15	2	129100-11110	VALVE, EXHAUST	3	3						
16	2	129795-11120	SPRING, VALVE	6	6						
17	2	129795-11180	RETAINER, SPRING	6	6						
18	2	103338-11190	COTTER	12	12						
19	2	121400-11340	SEAL, VALVE STEM	3	3						
20	2	124460-11340	SEAL, VALVE STEM	3	3						
21	2	104511-11370	CAP, VALVE	6	6						
22	2	26216-081002	STUD, M8X100	2	2						
23	2	26367-060002	NUT, M6	6	6						
24	1	119625-11870	PROTECTOR, NOZZLE	3	3						
25	1	119625-11900	RETAINER, NOZZLE	3	3						
26	1	119625-11880	SEAT, NOZZLE	3	3						
27	1	129155-11241	SHAFT ASSY, ROCKER	1	1						
28	2	129150-11290	SHAFT, ROCKER ARM	1	1						
30	3	27241-100000	PLUG, 10	2	2						
31	2	129155-11260	SUPPORT, ROCKER ARM	2	2						
32	2	129155-11270	SUPPORT, ROCKER ARM	2	2						
33	2	129150-11280	SPRING	3	3						
34	2	729402-11650	ARM ASSY, ROCKER	6	6						
36	3	129150-11230	SCREW, VALVE ADJUST	6	6						
37	3	129150-11750	NUT, M8	6	6						
38	2	26226-080182	STUD, M8X 18	3	3						
39	1	26106-080252	BOLT, M8X 25 PLATED	2	2						
40	1	26106-080502	BOLT, M8X 50 PLATED	6	6						
41	1	129470-07230	LIFTER	1	1						
42	1	26106-080142	BOLT, M8X 14 PLATED	2	2						
43	1	124736-07900	LIFTER	1	1						
44	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
45	1	120130-11860	GUIDE, VALVE	3	3						
46	1	129150-11810	GUIDE, VALVE	3	3						

(A)=3JH2
(B)=3JH2Z
(C)=

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

Fig.7 ボンネット
BONNET



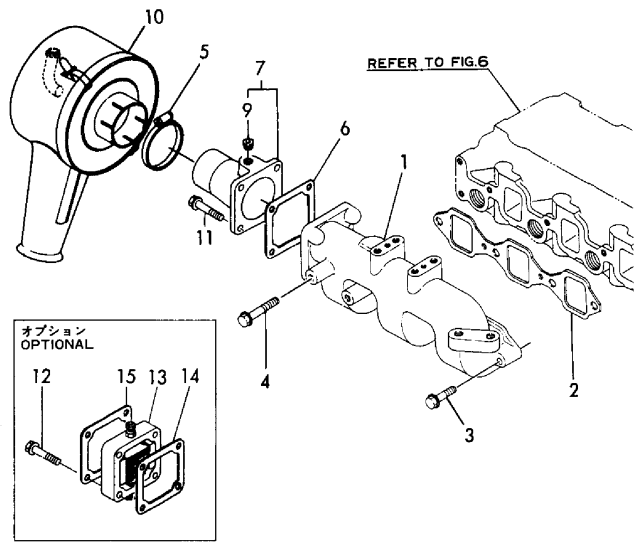
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-11350	BONNET ASSY, HEAD	1	1						
3	2	129150-03020	COVER, BREATHER	1	1						
4	2	129150-03070	BAFFLE, BREATHER	1	1						
5	2	129150-03080	PLATE, BAFFLE	1	1						
7	2	129150-11310	GASKET, BONNET	1	1						
9	2	24341-000500	O-RING, 1AS50.0	1	1						
10	2	26106-080162	BOLT, M8X 16 PLATED	2	2						
11	1	124160-11360	KNOB	3	3						
12	1	24311-000120	O-RING, 1AP12.0	3	3						
13	1	129171-03090	PIPE , BREATHER	1	1						
14	1	129475-03250	RETAINER	1	1						
15	1	129301-03660	CLAMP 16	1	1						
16	1	129410-03990	CLIP	1	1						
17	1	26106-080102	BOLT, M8X 10 PLATED	1	1						
18	1	124160-01751	COVER, FILLER	1	1						
19	1	24311-000320	O-RING, 1AP32.0	1	1						

Fig.8. SUCTION MANIFOLD

(A)=3JH2
(B)=3JH2Z
(C)=

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

Fig.8 吸気マニホールド
SUCTION MANIFOLD



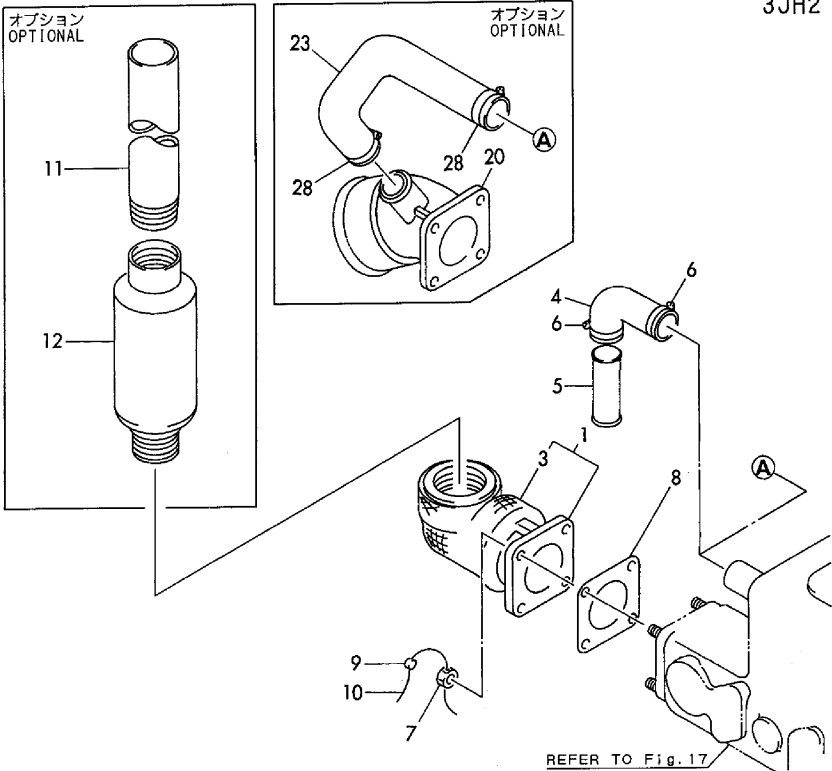
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129170-12100	MANIFOLD, AIR INTAKE	1	1						
2	1	129150-12111	GASKET, MANIFOLD	1	1						
3	1	26106-080252	BOLT, M8X 25 PLATED	3	3						
4	1	26106-080352	BOLT, M8X 35 PLATED	1	1						
5	1	23000-054000	CLAMP, 54	1	1						
6	1	129470-77590	GASKET	1	1						
7	1	129470-12210	JOINT ASSY	1	1						
9	2	23871-010000	PLUG, R01	1	1						
10	1	129570-12300	SILENCER ASSY	1	1						
11	1	26106-080202	BOLT, M8X 20 PLATED	4	4						
12	1	26106-080402	BOLT, M8X 40 PLATED	4	4						1
13	1	129100-77500	HEATER, AIR 12V	1	1						1
14	1	129100-77510	GASKET	1	1						1
15	1	129470-77590	GASKET	1	1						1

Remarks
(1) OPTIONAL

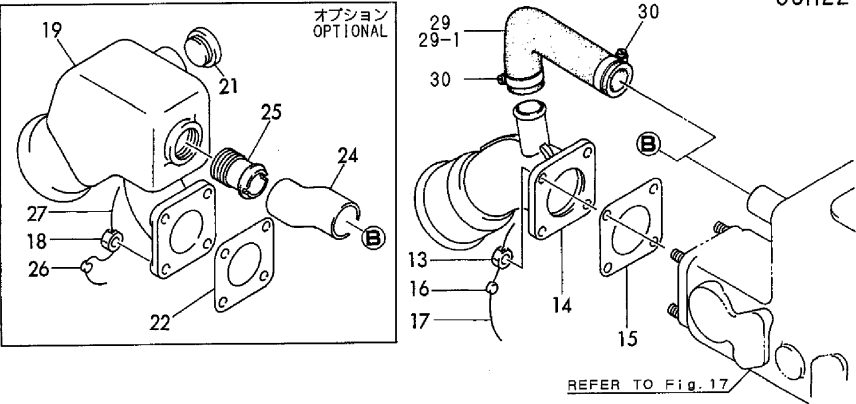
Fig.9. EXHAUST PIPE & MIXING ELBOW

P/C NEWS No:Y00F5230-3
PUBLISHED:1998/3

Fig.9 排気パイプ&ミキシングエルボ
EXHAUST PIPE & MIXING ELBOW



3JH2



3JH2Z

(A)=3JH2
(B)=3JH2Z
(C)=

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

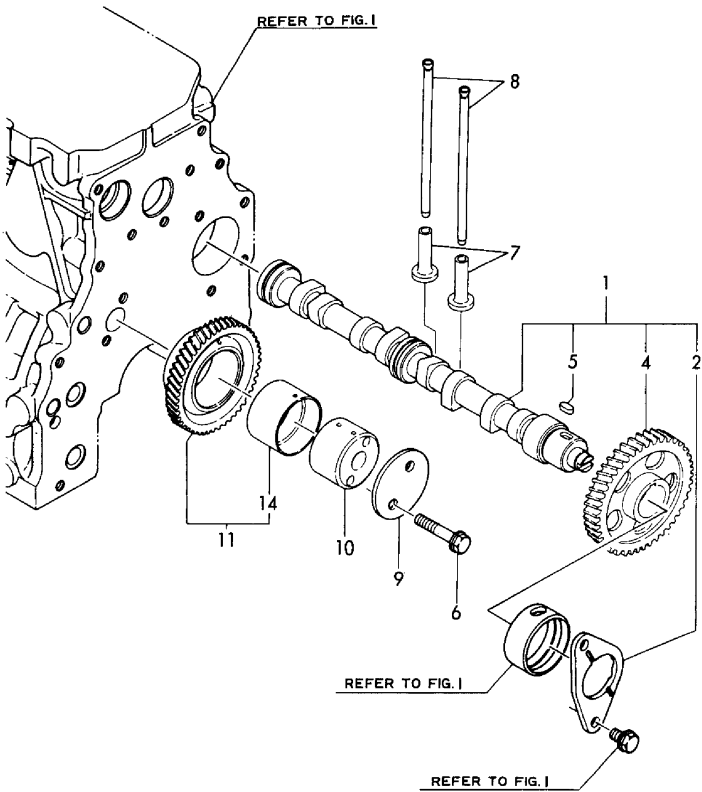
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129170-13000	BEND, EXHAUST	1							
3	2	129170-13020	INSULATOR	1							
4	1	129474-49010	PIPE, WATER	1							
5	1	129490-49070	JOINT	1							
6	1	23000-035000	CLAMP, 35	2							
7	1	129490-13300	NUT, M8	4							
8	1	129472-18090	GASKET	1							
9	1	135210-61090	LEAD	1							
10	1	22451-060000	WIRE, 0.6	1							
11	1	120220-13010	PIPE, 1-1/2X800	1							
12	1	43100-552890	SILENCER, BK-40	1							
13	1	129490-13300	NUT, M8		4						
14	1	129470-13530	ELBOW		1						
15	1	129472-18090	GASKET		1						
16	1	135210-61090	LEAD		1						
17	1	22451-060000	WIRE, 0.6		1						
18	1	129490-13300	NUT, M8		4						
19	1	129470-13541	ELBOW		1						
20	1	129470-13560	ELBOW	1							
21	1	129472-13560	PLUG, PT3/4		1						
22	1	129472-18090	GASKET		1						
23	1	129475-49040	PIPE, WATER	1							
24	1	129470-49050	PIPE, WATER		1						
25	1	123325-49421	JOINT, PIPE		1						
26	1	135210-61090	LEAD		1						
27	1	22451-060000	WIRE, 0.6		1						
28	1	23000-035000	CLAMP, 35	2	2						
29	1	129475-49040	PIPE, WATER		1						
29-1	1	124395-49021	HOSE, WATER		1						S
(B=FROM 1ST)											
30	1	23000-035000	CLAMP, 35		2						

Fig.10. CAMSHAFT & DRIVING GEAR

(A)=3JH2
(B)=3JH2Z
(C)=

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

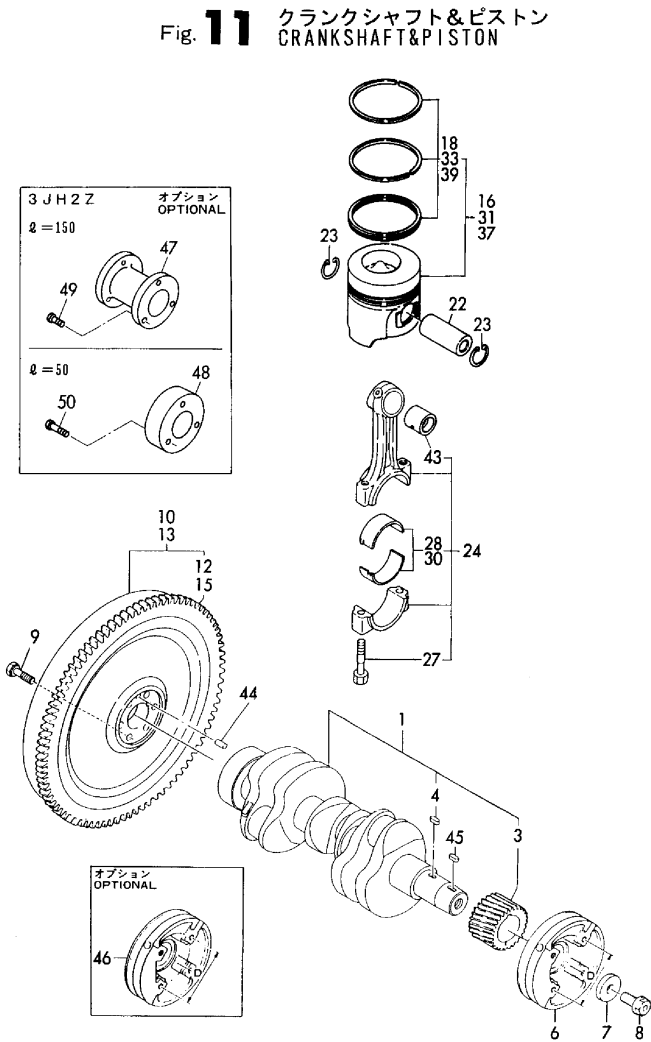
Fig. 10 カムシャフト&駆動ギヤ
CAMSHAFT & DRIVING GEAR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129129-14580	CAMSHAFT ASSY	1	1						
2	2	129150-02450	BEARING, THRUST	1	1						
4	2	129150-14101	GEAR, CAMSHAFT	1	1						
5	2	22512-070140	KEY, 7X 14	1	1						
6	1	26106-080452	BOLT, M8X 45 PLATED	2	2						
7	1	129150-14200	TAPPET	6	6						
8	1	119171-14400	ROD, PUSH L=178	6	6						
9	1	129150-25020	RETAINER	1	1						
10	1	129150-25052	SHAFT, IDLE	1	1						
11	1	129573-25100	GEAR ASSY, IDLE	1	1						
14	1	129573-25090	BUSH, IDLE GEAR	1	1						1

Remarks
(1) REPAIR PART.

Fig.11. CRANKSHAFT & PISTON



(A)=3JH2
(B)=3JH2Z
(C)=

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

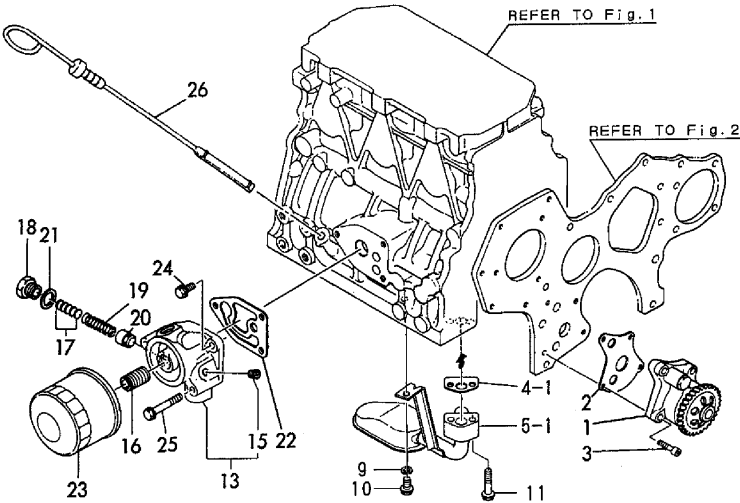
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129170-21001	CRANKSHAFT ASSY	1	1						
3	2	129150-21200	GEAR, CRANKSHAFT	1	1						
4	2	22512-070140	KEY, 7X 14	1	1						
6	1	129171-21650	V-PULLEY, FC25	1	1						
7	1	129795-21661	WASHER	1	1						
8	1	121850-21680	BOLT	1	1						
9	1	121111-21501	BOLT, FLYWHEEL	6	6						
10	1	129190-21580	FLYWHEEL ASSY	1							
12	2	124550-21600	GEAR, RING	1							
13	1	129195-21590	FLYWHEEL ASSY		1						
15	2	124550-21600	GEAR, RING		1						
16	1	129402-22090	PISTON ASSY	3	3						
18	2	729120-22500	RING SET, PISTON	3	3						
22	1	129150-22300	PIN, PISTON D26 L66	3	3						
23	1	121100-22400	CIRCLIP	6	6						
24	1	729402-23100	ROD ASSY, CONNECTING	3	3						
27	2	121550-23200	BOLT, CONNECTING ROD	6	6						
28	2	129150-23600	BEARING, CRANK PIN	3	3						
30	1	129150-23610	BEARING, 0.25 US	3	3						1
31	1	729402-22910	PISTON ASSY, 0.25 OS	3	3						2
33	2	729120-22950	RING SET, 0.25 OS	3	3						2
37	1	129402-22920	PISTON ASSY, 0.50 OS	3	3						4
39	2	129402-22970	RING SET, 0.50 OS	3	3						4
43	1	129100-23910	BEARING, PISTON PIN	3	3						5
44	1	22312-080160	PIN, PARALLEL M8X16	1	1						
45	1	22512-070160	KEY, 7X 16	1	1						
46	1	129170-21650	V-PULLEY, S45C	1	1						3
47	1	129195-21910	SPACER, FLYWHEEL		1						
48	1	129195-21920	SPACER, FLYWHEEL		1						
49	1	26116-120302	BOLT, M12X 30 PLATED	3							
50	1	26116-120502	BOLT, M12X 50 PLATED	3							

Remarks
(1) UNDER SIZE(U.S=0.25)PART.
(2) OVER SIZE(O.S=0.25)PART.
(3) OPTIONAL.
(4) OVER SIZE(O.S=0.5)PART.
(5) REPAIR PART.

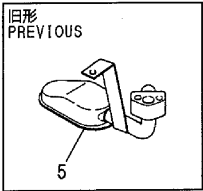
Fig.12. LUB. OIL SYSTEM

P/C NEWS No:Y00F5230-3
PUBLISHED:1998/3

Fig.12 潤滑油システム
LUB.OIL SYSTEM

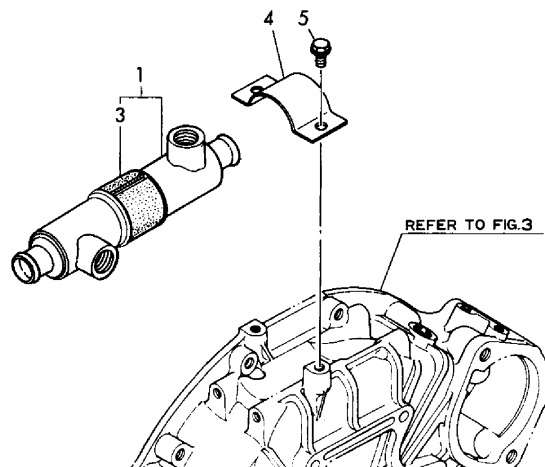


見出しNo. 12は、
見出しNo. 13から21を含みます。
12 inc. 13 ~ 21



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-32000	PUMP ASSY, OIL	1	1						
2	1	129150-32020	GASKET, PUMP	1	1						
3	1	26450-060252	BOLT, M6X 25	4	4						
4	1	129470-35040	GASKET	1	1						
5	1	129473-35090	PIPE ASSY, OIL INLET	1	1						
5-1	1	129473-35091	PIPE ASSY, OIL INLET	1	1						N
(A=E/#00453) (B=E/#00454)											
9	1	22217-080000	WASHER, SPRING 8	1	1						
10	1	26106-080142	BOLT, M8X 14 PLATED	1	1						
11	1	26106-080352	BOLT, M8X 35 PLATED	2	2						
12	1	129470-35101	BRACKET ASSY, FILTER	1	1						
13	2	129470-35131	BRACKET ASSY	1	1						
15	3	23871-020000	PLUG, R02	1	1						
16	2	129100-35140	STUD	1	1						
17	2	121850-35200	SHIM SET	1	1						
18	2	124223-35510	RETAINER, SPRING	1	1						
19	2	121850-35520	SPRING	1	1						
20	2	121850-35531	VALVE, CONTROL	1	1						
21	2	23414-180000	GASKET, 18X1.0	1	1						
22	1	129470-35121	GASKET	1	1						
23	1	119305-35150	FILTER, OIL	1	1						
24	1	26106-080202	BOLT, M8X 20 PLATED	1	1						
25	1	26106-080552	BOLT, M8X 55 PLATED	2	2						
26	1	128170-34800	DIPSTICK, OIL	1	1						

Fig. **13** 潤滑油クーラ
LUB. OIL COOLER



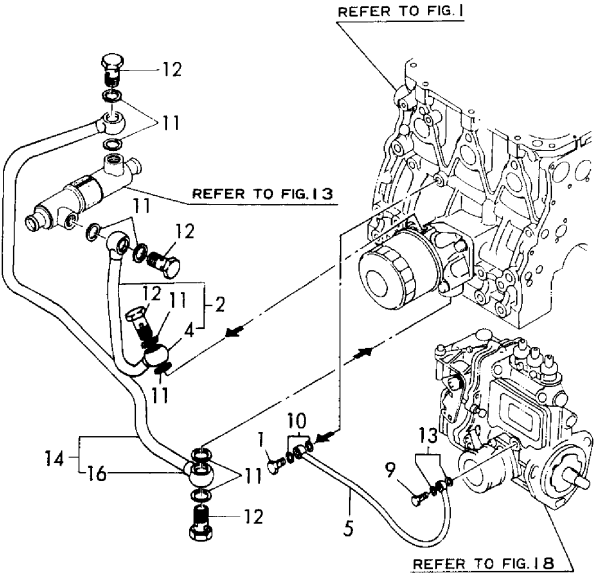
No.	Lev.	Parts No.	Description	(A)=3JH2 (B)=3JH2Z (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129170-33000	COOLER ASSY, OIL	1	1						
3	2	129470-33550	SEAT, RUBBER	1	1						
4	1	129470-33510	RETAINER	1	1						
5	1	26106-080162	BOLT. M8X 16 PLATED	2	2						

Fig.14. LUB. OIL PIPE

(A)=3JH2
(B)=3JH2Z
(C)=

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

Fig. 14 潤滑油パイプ
LUB. OIL PIPE

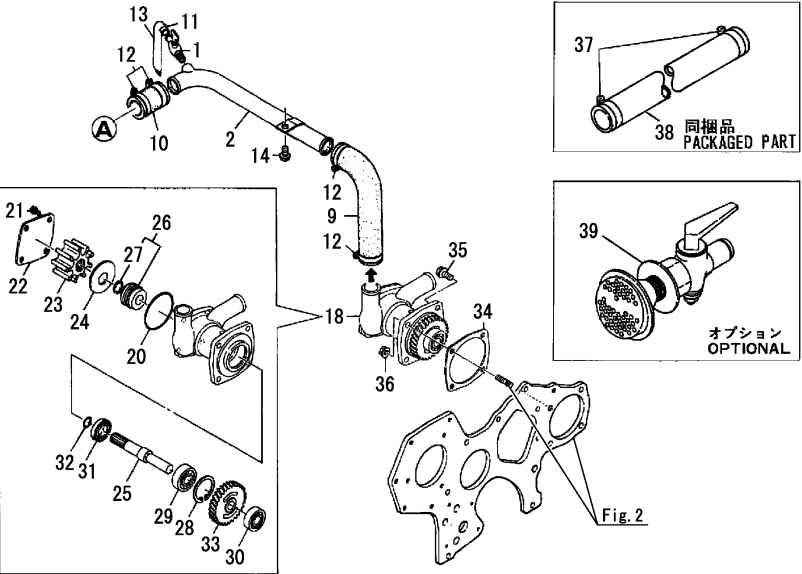
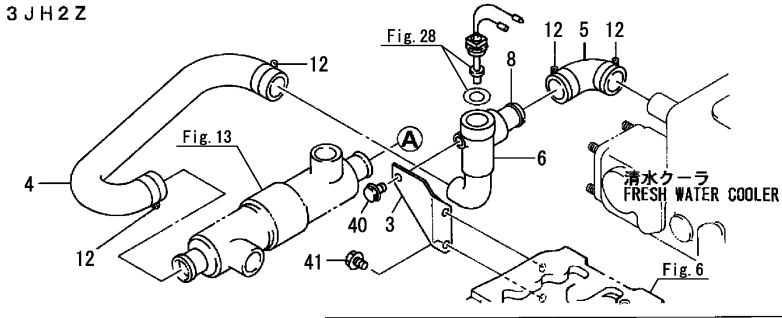
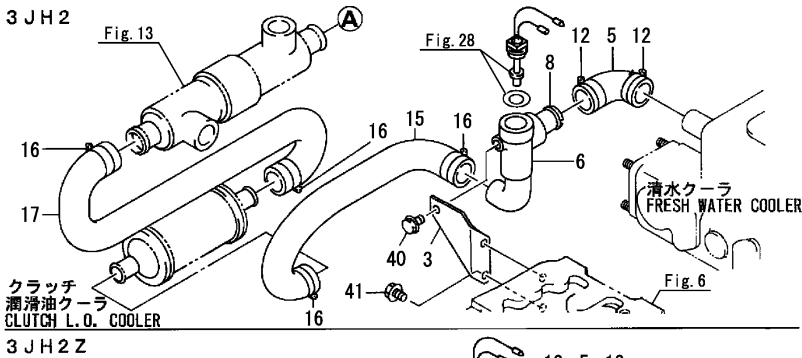


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124160-39140	BOLT, PIPE JOINT M10	1	1						
2	1	129470-39201	PIPE ASSY, OIL	1	1						
4	2	23341-150000	JOINT, PIPE 15-20	2	2						
5	1	129150-39450	PIPE ASSY, OIL	1	1						
9	1	124550-59820	BOLT, PIPE JOINT M8	1	1						
10	1	23414-100000	GASKET, 10X1.0	2	2						
11	1	23414-200000	GASKET, 20X1.0	8	8						
12	1	23857-150000	BOLT, JOINT 15	4	4						
13	1	22190-080002	WASHER, SEAL 6	2	2						
14	1	129170-39300	PIPE ASSY, OIL	1	1						
16	2	23341-150000	JOINT, PIPE 15-20	2	2						

Fig.15. COOLING WATER SYSTEM(SEA WATER)

(A)=3JH2
(B)=3JH2Z
(C)=

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

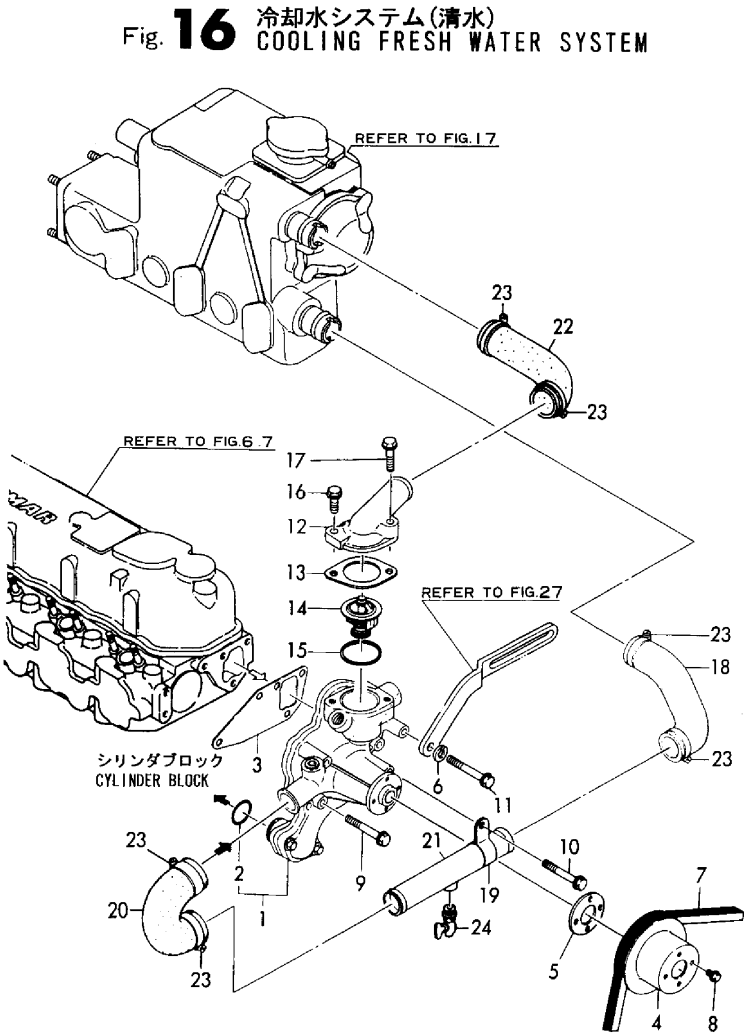


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128695-44090	COCK	1	1						
2	1	129170-49010	PIPE, SEA WATER A	1	1						
3	1	129190-49020	RETAINER, SWITCH	1	1						
4	1	129195-49020	PIPE, SEA WATER B		1						
5	1	129190-49030	PIPE, SEA WATER C	1	1						
6	1	129593-49030	BODY, SWITCH	1	1						
8	1	123325-49421	JOINT, PIPE	1	1						
9	1	129470-49040	PIPE, SEA WATER D	1	1						
10	1	129470-49110	JOINT, RUBBER 25X55	1	1						
11	1	124460-77680	RETAINER, FUEL PIPE	1	1						
12	1	23000-035000	CLAMP, 35	6	8						
13	1	23061-070300	PIPE, 7X 300	1	1						
14	1	26106-080162	BOLT, M8X 16 PLATED	1	1						
15	1	129190-49080	PIPE, SEA WATER F	1							
16	1	23000-035000	CLAMP, 35	4							
17	1	129190-49070	PIPE, SEA WATER E	1							
18	1	129573-42500	PUMP ASSY, WATER	1	1						
20	2	24341-000600	O-RING, 1AS60.0	1	1						
21	2	26203-060102	BOLT, M6X 10 PLATED	4	4						
22	2	129470-42520	COVER, SIDE	1	1						
23	2	129470-42530	IMPELLER	1	1						
24	2	129573-42540	PLATE, WEAR	1	1						
25	2	129470-42550	SHAFT, WATER PUMP	1	1						
26	2	129795-42670	SEAL, MECHANICAL	1	1						
27	3	145410-46190	CIRCLIP	1	1						
28	2	22252-000420	RING, 42	1	1						
29	2	24101-063024	BEARING, BALL 6302	1	1						
30	2	24101-062024	BEARING, BALL 6202	1	1						
31	2	24421-203508	SEAL, OIL TC203508	1	1						
32	2	24311-000150	O-RING, 1AP15.0	1	1						
33	2	129470-42700	GEAR, DRIVE	1	1						
34	1	129150-01881	GASKET, PUMP COVER	1	1						
35	1	26106-080162	BOLT, M8X 16 PLATED	3	3						
36	1	26366-080002	NUT, M8	1	1						
37	1	23000-035000	CLAMP, 35	4							
38	1	23072-102000	HOSE, 10X2000	1							
39	1	43662-020060	COCK, KINGSTON	1	1						
40	1	26106-080162	BOLT, M8X 16 PLATED	1	1						
41	1	26106-080122	BOLT, M8X 12 PLATED	2	2						

Fig.16. COOLING FRESH WATER SYSTEM

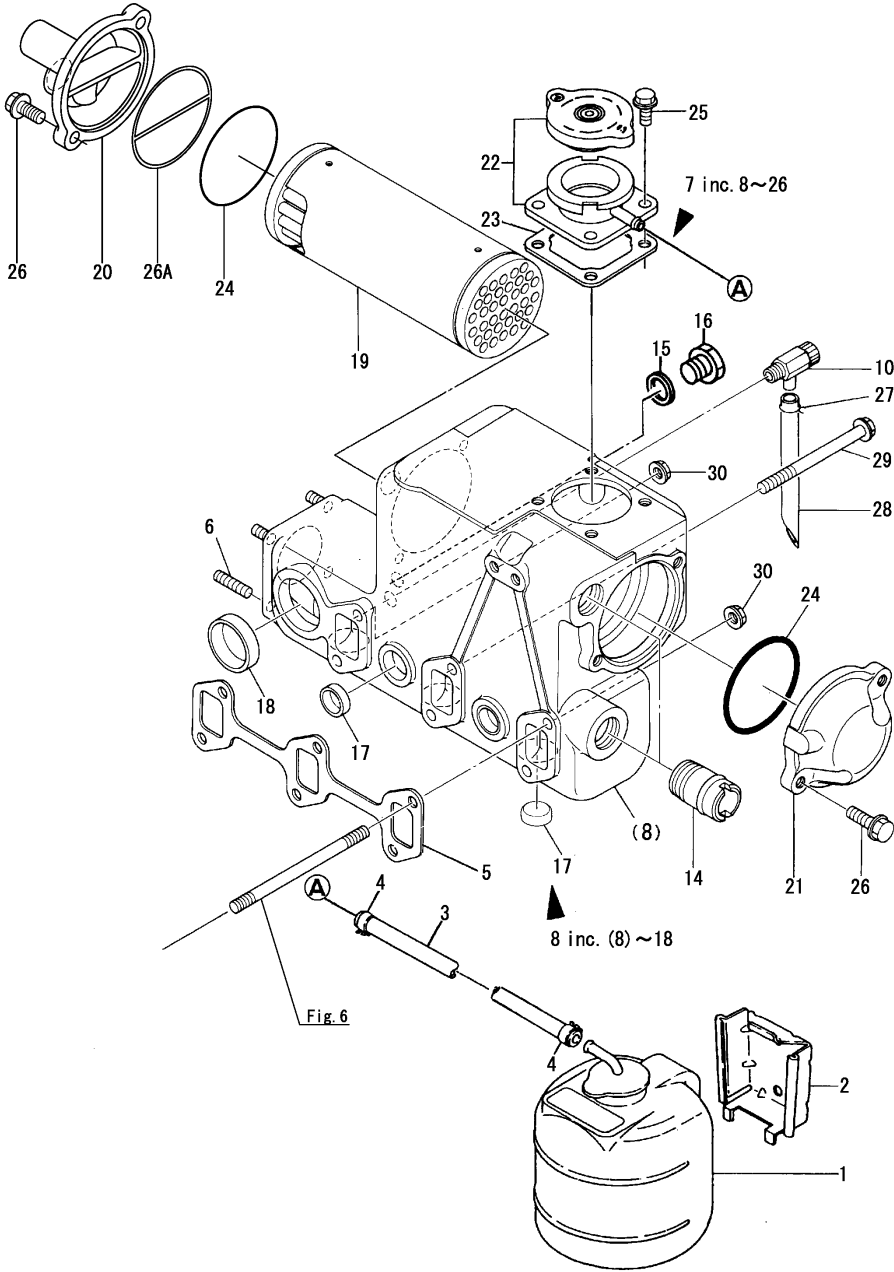
(A)=3JH2
(B)=3JH2Z
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-42001	PUMP ASSY, WATER	1	1						
2	2	129150-42320	O-RING	1	1						
3	1	129150-42020	GASKET, WATER PUMP	1	1						
4	1	129550-42350	V-PULLEY, D=120	1	1						
5	1	129156-44760	WASHER	1	1						
6	1	22217-080000	WASHER, SPRING 8	1	1						
7	1	25132-004500	V-BELT, A45	1	1						
8	1	26106-060102	BOLT, M6X 10 PLATED	4	4						
9	1	26106-080552	BOLT, M8X 55 PLATED	2	2						
10	1	26106-080552	BOLT, M8X 55 PLATED	1	1						
11	1	26106-080652	BOLT, M8X 65 PLATED	1	1						
12	1	129470-49540	COVER, THERMOSTAT	1	1						
13	1	129795-49551	GASKET	1	1						
14	1	129470-49801	THERMOSTAT, 76.5	1	1						
15	1	129470-49810	GASKET, THERMOSTAT	1	1						
16	1	26106-080252	BOLT, M8X 25 PLATED	1	1						
17	1	26106-080352	BOLT, M8X 35 PLATED	1	1						
18	1	129470-49200	JOINT, RUBBER	1	1						
19	1	129470-49220	RETAINER	1	1						
20	1	129470-49240	JOINT, RUBBER 28	1	1						
21	1	129470-49250	PIPE, WATER	1	1						
22	1	129170-49260	JOINT	1	1						
23	1	23000-041000	CLAMP, 41	6	6						
24	1	128695-44090	COCK	1	1						

Fig.17. COOLING FRESH WATER COOLER



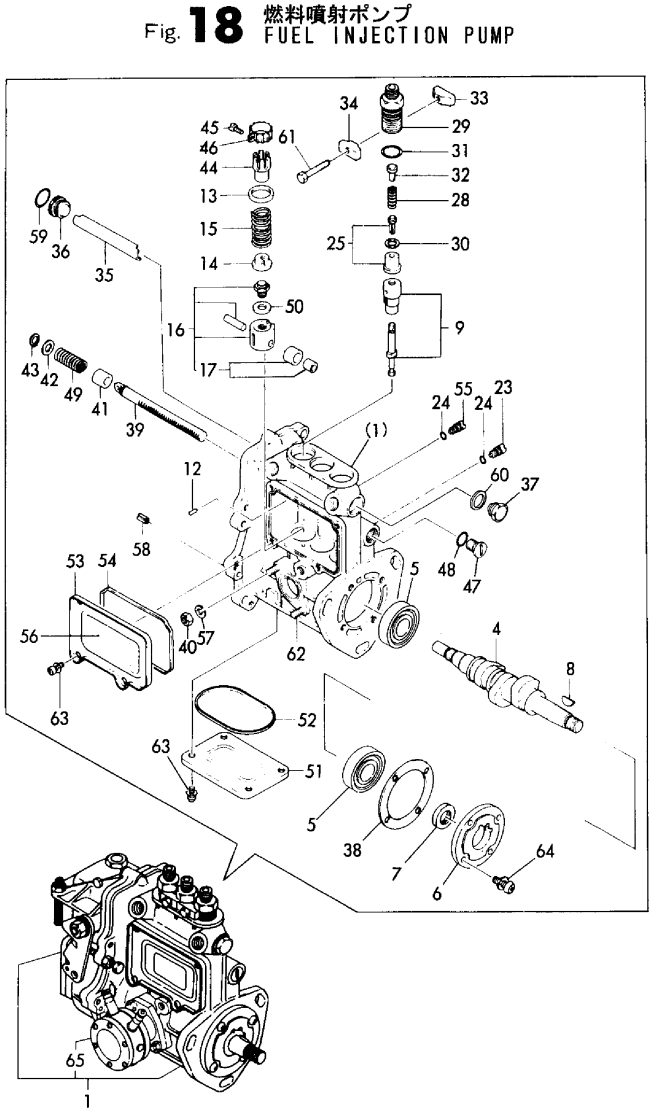
OCF10-M52300 Fig.17

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	120445-44530	TANK, SUB	1	1						
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						
5	1	129150-13110	GASKET	1	1						
6	1	128170-13600	STUD, M8X31	4	4						
7	1	129170-44900	COOLER ASSY, WATER	1	1						
8	2	129170-44000	COOLER ASSY, WATER	1	1						
10	3	120130-49350	COCK, 1/4	1	1						
14	3	124160-49480	JOINT, PIPE	2	2						
15	3	23414-170000	GASKET, 17X1.0	1	1						
16	3	23893-030002	PLUG, G3/8	1	1						
17	3	27241-280000	PLUG, 28	7	7						
18	3	27241-400000	PLUG, 40	1	1						
19	2	129170-44110	CORE ASSY, COOLER	1	1						
20	2	129470-44440	COVER, A	1	1						
21	2	129470-44450	COVER, B	1	1						
22	2	129171-44600	FILLER ASSY	1	1						
23	2	120445-44640	GASKET	1	1						
24	2	24321-000750	O-RING, 1AG75.0	2	2						
25	2	26106-080162	BOLT, M8X 16 PLATED	4	4						
26	2	26106-080252	BOLT, M8X 25 PLATED	4	4						
26A	2	120322-33050	GASKET	1	1						W
(A=EXXXXX) (B=EXXXXX)											
27	1	124460-77680	RETAINER	1	1						
28	1	23061-070300	PIPE, 7X 300	1	1						
29	1	26106-081002	BOLT, M8X100 PLATED	4	4						
30	1	26366-080002	NUT, M8	2	2						

Fig.18. FUEL INJECTION PUMP

(A)=3JH2
(B)=3JH2Z
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729190-51310	PUMP ASSY, INJECTION	1							1
1A	1	729190-51300	PUMP ASSY, INJECTION		1						1
4	3	119810-51040	CAMSHAFT	1							
4A	3	129171-51040	CAMSHAFT		1						
5	3	122710-51050	BEARING, HR30203J	2	2						
6	3	129470-51060	RETAINER, BEARING	1	1						
7	3	129470-51080	SEAL, AF0741F0	1	1						
8	3	122710-51090	KEY	1	1						
9	3	129470-51101	PLUNGER ASSY	3	3						
12	3	129155-51140	PIN	3	3						
13	3	174307-51170	RETAINER, SPRING A	3	3						
14	3	129155-51180	RETAINER, SPRING	3	3						
15	3	124950-51190	SPRING, PLUNGER	3	3						
16	3	129155-51200	TAPPET ASSY	3	3						
17	4	711100-51540	ROLLER ASSY	3	3						
23	3	129155-51270	STOPPER, TAPPET	3	3						
24	3	129155-51280	O-RING, S6	3	3						
25	3	129190-51301	VALVE ASSY, DELIVERY	3							
25A	3	129190-51300	VALVE ASSY, DELIVERY		3						
28	3	129573-51330	SPRING, DELIVERY	3	3						
29	3	129573-51340	RETAINER	3	3						
30	3	124550-51350	GASKET, DELIVERY	3	3						
31	3	124550-51370	O-RING	3	3						
32	3	129573-51370	STOPPER, VALVE	3	3						
33	3	129155-51380	STOPPER	2	2						
34	3	129155-51390	STOPPER	2	2						
35	3	129155-51400	DEFLECTOR	1	1						
36	3	129155-51410	BOLT	1	1						
37	3	129155-51420	PLUG, M16	1	1						
38	3	129155-51450	SHIM SET, ADJUSTING	1	1						
39	3	129155-51500	RACK, CONTROL	1	1						
40	3	26716-060002	NUT, M6	2	2						
41	3	129155-51521	BUSH, RACK	1	1						
42	3	129155-51530	SPACER	1	1						
43	3	129155-51540	CIRCLIP	1	1						
44	3	129155-51550	PINION, CONTROL	3	3						
45	3	122117-51560	SCREW	3	3						
46	3	174307-51560	PINION	3	3						
47	3	129155-51570	PLUG, M12	1	1						
48	3	129155-51580	O-RING	1	1						
49	3	129155-51591	SPRING, RACK	1	1						
50	3	129155-51600	SHIM SET, ADJUSTING	3	3						
51	3	129155-51700	COVER	1	1						
52	3	129155-51710	GASKET	1	1						
53	3	129155-51750	COVER	1	1						
54	3	129155-51760	GASKET	1	1						
55	3	129155-51790	STOOPER, RACK	1	1						
56	3	129156-51910	LABEL, CAUTION	1	1						
57	3	22217-060000	WASHER, SPRING 6	2	2						
58	3	22351-050010	PIN, SPRING 5.0X10	2	2						
59	3	24341-000160	O-RING, 1AS16.0	1	1						

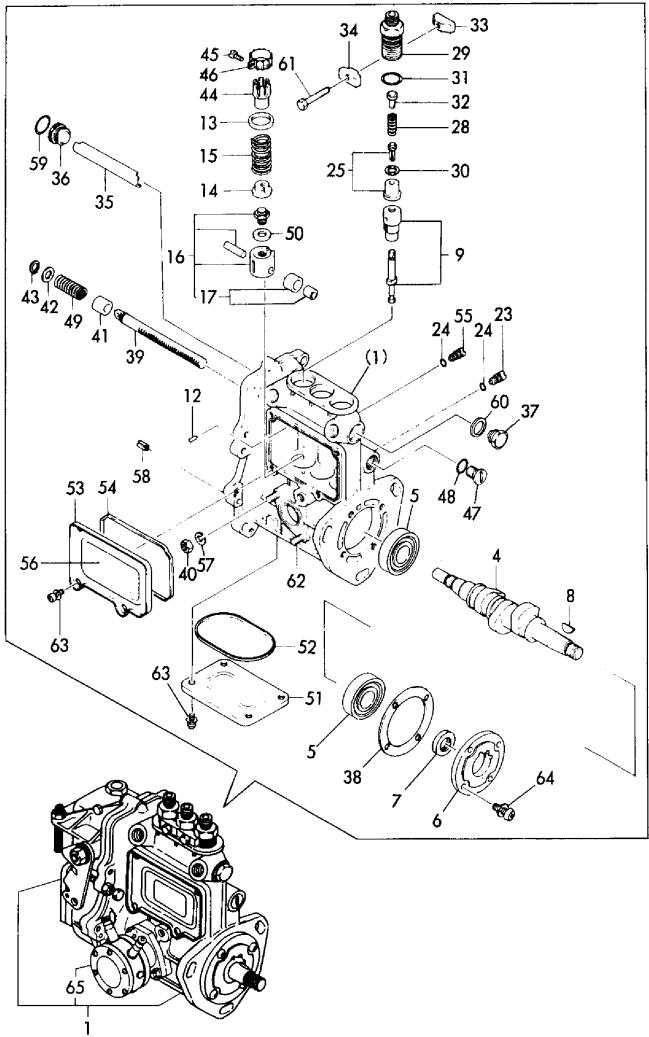
Remarks
(1) GOVERNOR ASSY(FIG.23) AND FUEL
FEED PUMP ASSY(FIG.19) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP ASSY(REF.NO.1)

Fig.18. FUEL INJECTION PUMP

(A)=3JH2
(B)=3JH2Z
(C)=

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

Fig. 18 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)		
60	3	43400-500490	SEAL WASHER 16S	1	1						
61	3	26116-050302	BOLT, M5X 30 PLATED	2	2						
62	3	129155-51020	STUD	2	2						
63	3	26022-050102	SCREW, M5X10	8	8						
64	3	26022-060162	SCREW, M6X16	4	4						
65	2	129158-52000	PUMP ASSY, FUEL FEED	1	1						

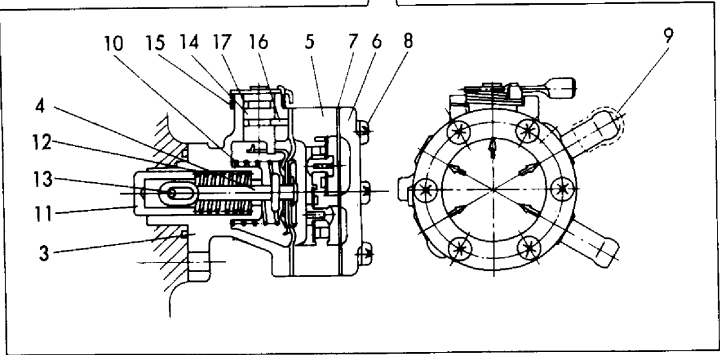
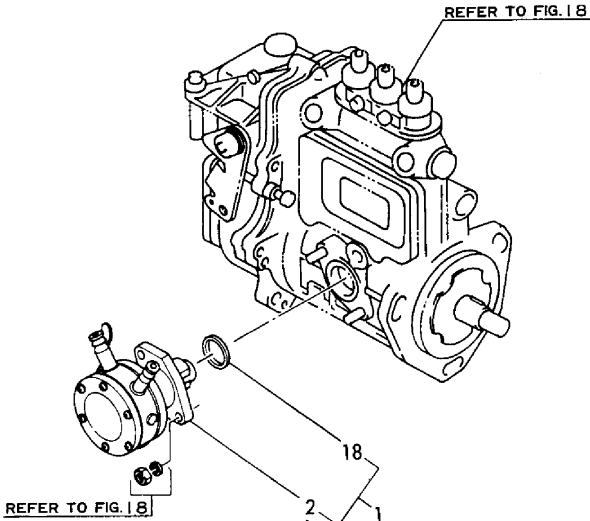
Remarks
(1) GOVERNOR ASSY(FIG.23) AND FUEL
FEED PUMP ASSY(FIG.19) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP ASSY(REF.NO.1)

Fig.19. FUEL FEED PUMP

(A)=3JH2
(B)=3JH2Z
(C)=

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

Fig. 19 燃料フィードポンプ
FUEL FEED PUMP



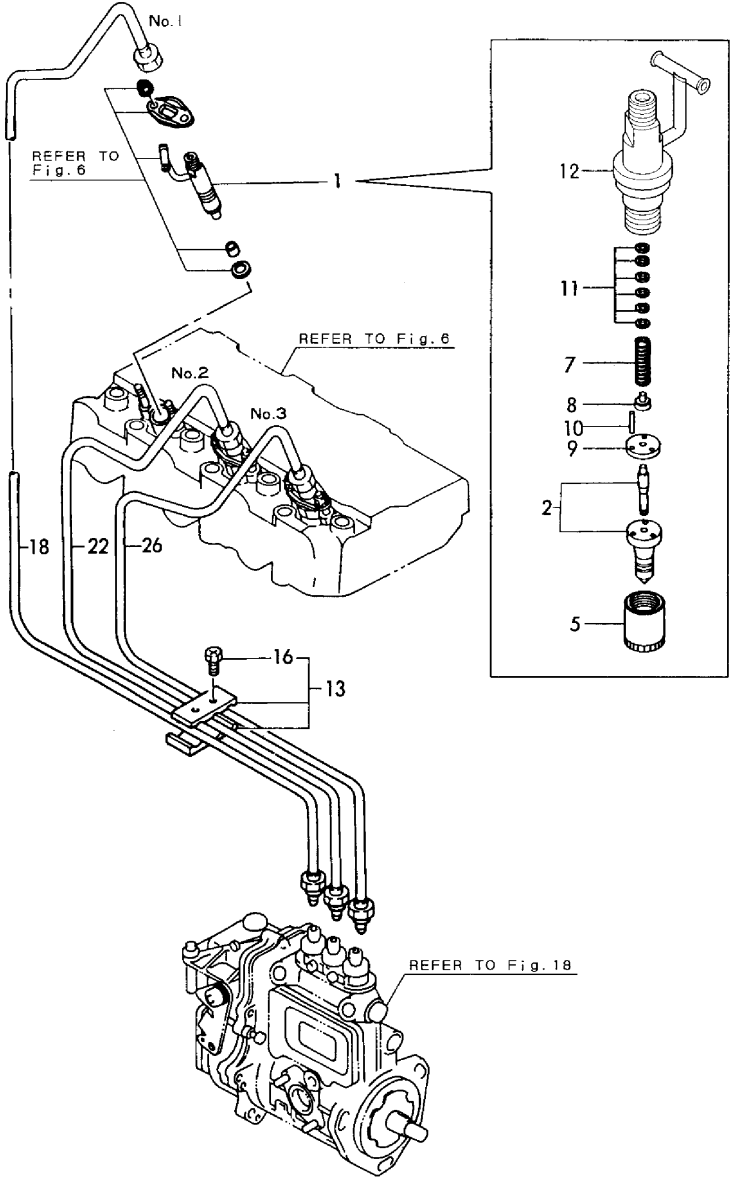
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129158-52000	PUMP ASSY, FUEL FEED	1	1						
2	2	129158-52100	PUMP ASSY, FUEL FEED	1	1						
3	3	129158-52010	BODY, FEED PUMP	1	1						
4	3	129158-52020	DIAPHRAGM	1	1						
5	3	129158-52050	BODY	1	1						
6	3	129158-52060	COVER	1	1						
7	3	129158-52070	GASKET	1	1						
8	3	129158-52080	SCREW	6	6						
9	3	129158-52090	CAP	2	2						
10	3	129158-52160	SPRING	1	1						
11	3	129158-52250	TAPPET	1	1						
12	3	129158-52260	SPRING	1	1						
13	3	129158-52270	PIN	1	1						
14	3	129158-52350	LEVER	1	1						
15	3	129158-52360	SPRING, RETURN	1	1						
16	3	129158-52370	PIN	1	1						
17	3	129158-52380	O-RING	1	1						
18	2	129155-52050	GASKET	1	1						

Fig.20. FUEL INJECTION PIPE & FUEL INJECTION VALVE

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更新年月: 1997. 2
REVISED: Feb., 1997

Fig. 20 燃料噴射パイプ&燃料噴射弁
FUEL INJECTION PIPE &
FUEL INJECTION VALVE



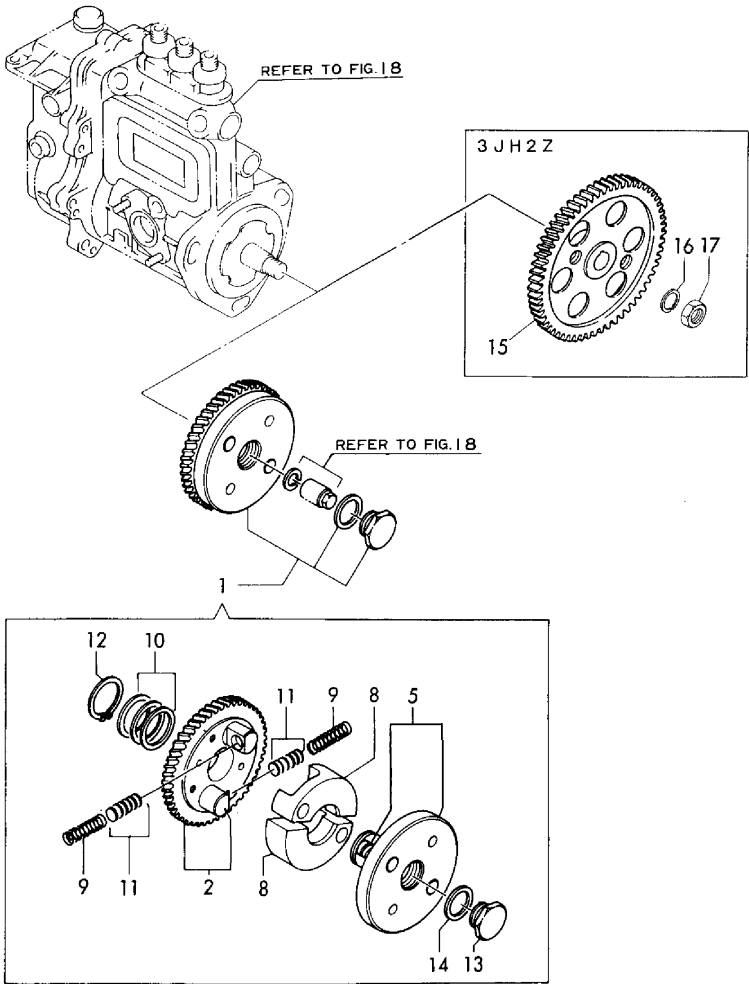
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729500-53100	VALVE ASSY,INJECTION	1	1						
2	2	129500-53000	VALVE ASSY,INJECTION	3	3						
5	2	114250-53080	NUT, NOZZLE D16.95	3	3						
7	2	114250-53120	SPRING, NOZZLE	3	3						
8	2	114250-53130	SEAT, SPRING	3	3						
9	2	114250-53140	PLATE	3	3						
10	2	114250-53210	PIN	6	6						
11	2	114250-53400	SHIM SET	3	3						
12	2	129470-11920	GASKET	3	3						
13	1	129150-59120	RETAINER, PIPE	1	1						
16	2	129150-59130	BOLT, M4X12	2	2						
18	1	129100-59810	PIPE ASSY, INJECTION	1	1						
22	1	129100-59820	PIPE ASSY, INJECTION	1	1						
26	1	129100-59830	PIPE ASSY, INJECTION	1	1						

Fig.21. TIMER

(A)=3JH2
(B)=3JH2Z
(C)=

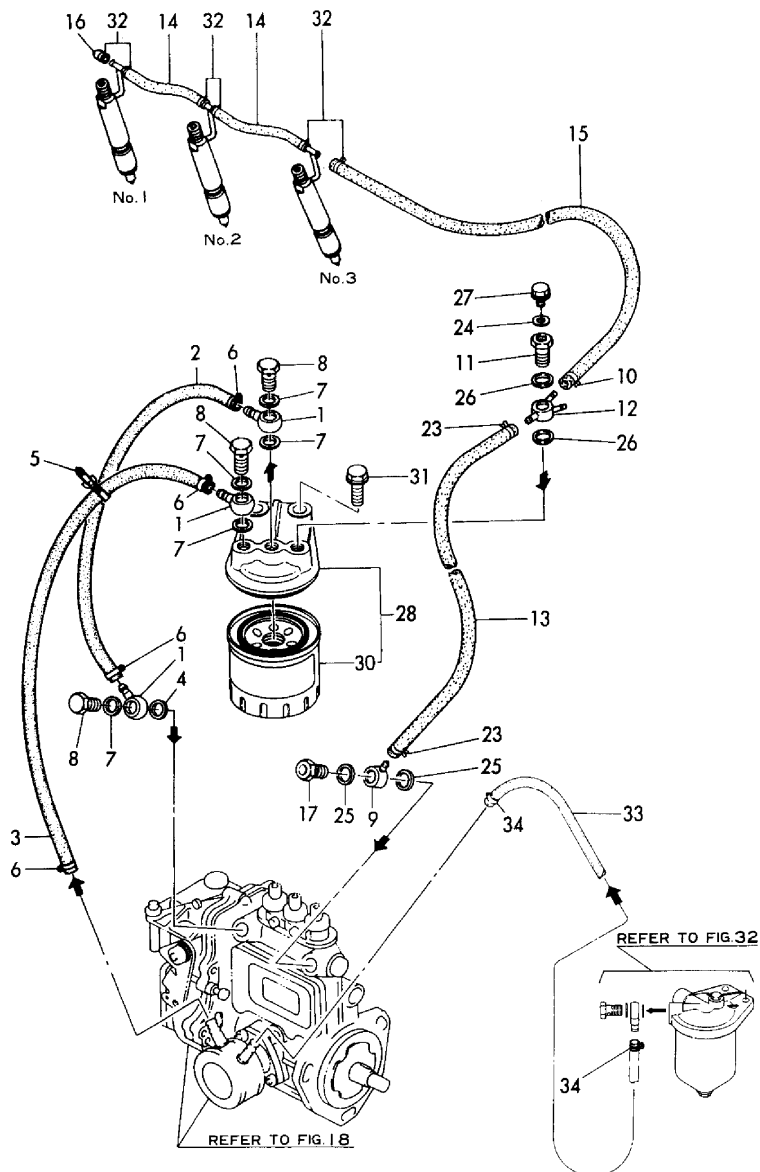
(D)=
(E)=
(F)=

Fig. **21** タイマ
TIMER



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729499-54100	TIMER ASSY	1							
2	2	129470-54510	GEAR ASSY, TIMER	1							
5	2	129499-54550	HUB ASSY, TIMER	1							
8	2	129470-54650	WEIGHT, TIMER	2							
9	2	124310-54800	SPRING, TIMER	2							
10	2	119620-54900	SHIM SET	1							
11	2	121850-54900	SHIM SET, SPRING	2							
12	2	22242-000320	RING, 32	1							
13	2	124410-54940	PLUG	1							
14	2	23414-240031	GASKET, 24X1.0	1							
15	1	129100-25900	GEAR, PUMP		1						
16	1	22217-120000	WASHER, SPRING 12		1						
17	1	26716-120002	NUT, M12		1						

Fig. 22 燃料パイプ
FUEL PIPE

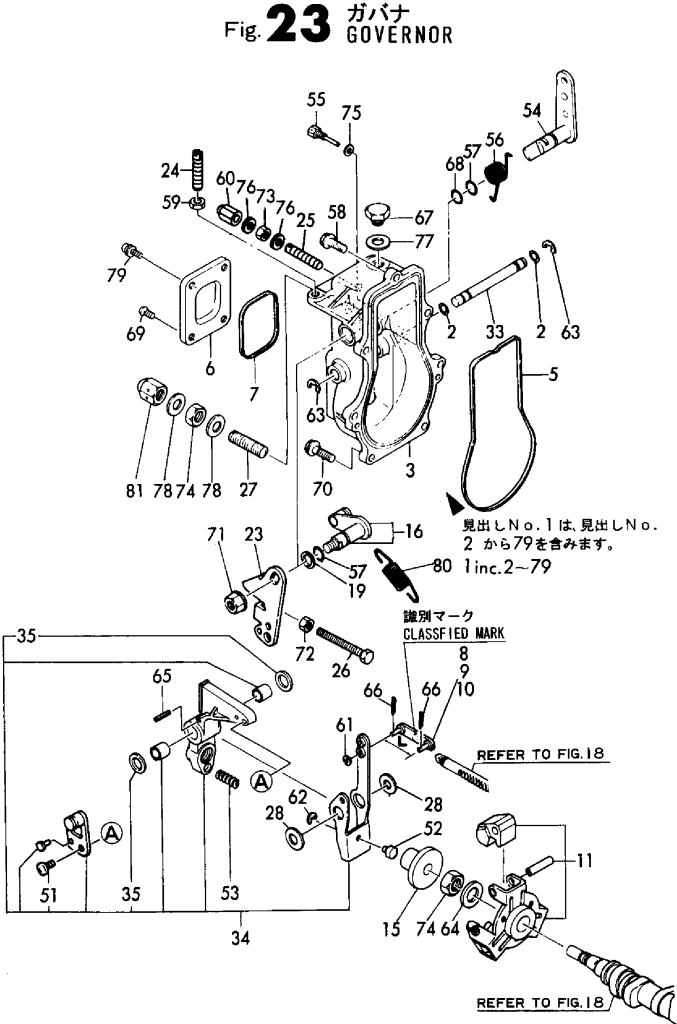


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	101304-59020	JOINT, PIPE 12	3	3						
2	1	129470-59120	PIPE, FUEL	1	1						
3	1	129470-59120	PIPE, FUEL	1	1						
4	1	104200-59170	GASKET, 12	1	1						
5	1	121750-59890	BAND, 140	1	1						
6	1	23080-013000	CLAMP, 13	4	4						
7	1	23414-120000	GASKET, 12X1.0	5	5						
8	1	23857-060000	BOLT, JOINT 6	3	3						
9	1	101304-59020	JOINT, PIPE 12	1	1						
10	1	124066-59100	CLIP, HOSE 8	1	1						
11	1	129495-59300	BOLT, PIPE JOINT	1	1						
12	1	129470-59530	JOINT, PIPE	1	1						
13	1	129470-59540	PIPE, FUEL	1	1						
14	1	129495-59551	PIPE, FUEL RETURN	2	2						
15	1	129495-59561	PIPE, FUEL L=190	1	1						
16	1	129150-59580	CAP	1	1						
17	1	129100-59951	VALVE ASSY, CHECK	1	1						
23	1	23080-013000	CLAMP, 13	2	2						
24	1	23414-080000	GASKET, 8X1.0	1	1						
25	1	23414-120000	GASKET, 12X1.0	2	2						
26	1	23414-140000	GASKET, 14X1.0	2	2						
27	1	26106-080102	BOLT, M8X 10 PLATED	1	1						
28	1	129470-55601	FILTER ASSY, FUEL	1	1						
30	2	129470-55701	STRAINER ASSY, FUEL	1	1						
31	1	26106-100302	BOLT, M10X 30 PLATED	2	2						
32	1	23000-013000	CLAMP, 13	6	6						
33	1	129795-59100	PIPE, FUEL L=4000	1	1						
34	1	23000-016000	CLAMP, 16	4	4						

Fig.23. GOVERNOR

(A)=3JH2
(B)=3JH2Z
(C)=

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

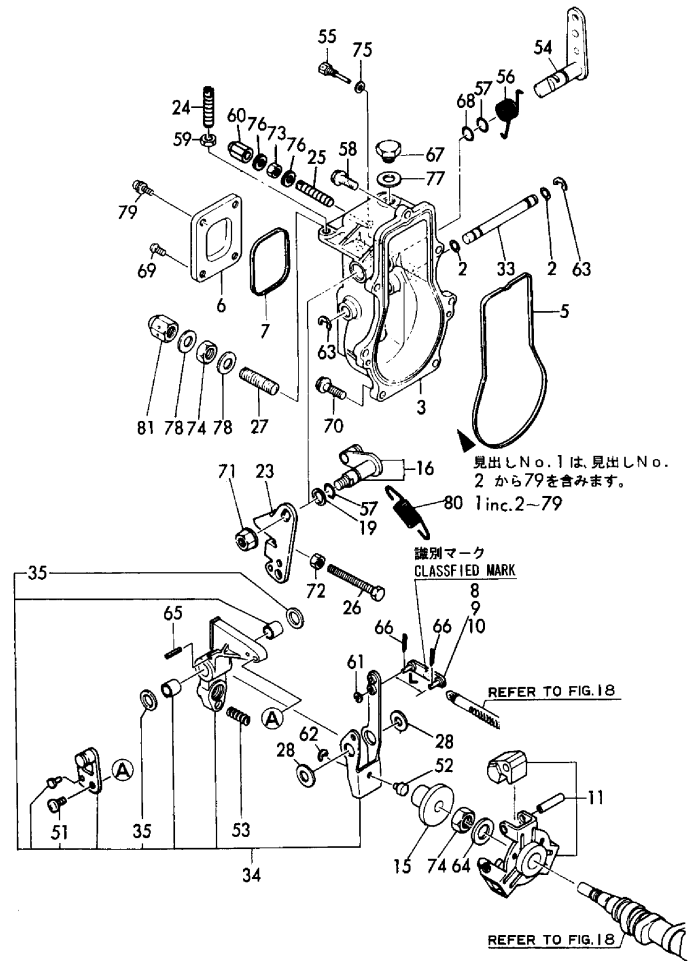


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129190-61001	GOVERNOR ASSY	1							
1A	1	129171-61000	GOVERNOR ASSY		1						
2	2	129155-51280	O-RING, S6	2	2						
3	2	171487-61011	CASE, GOVERNOR	1	1						
5	2	129155-61050	GASKET	1	1						
6	2	129155-61060	COVER, GOVERNOR CASE	1	1						
7	2	129155-61070	GASKET	1	1						
8	2	129155-61120	LINK, L=30 MARK 0	1	1						1
9	2	129155-61130	LINK, L=31 MARK 1	1	1						1
10	2	129155-61140	LINK, L=30.5 MARK 05	1	1						1
11	2	129155-61201	WEIGHT ASSY,GOVERNOR	1	1						
15	2	129155-61341	SLEEVE	1	1						
16	2	129100-61400	SHAFT ASSY	1	1						
19	2	129155-61430	SPACER	1	1						
23	2	129499-61440	LEVER, CONTROL	1	1						
24	2	129155-61450	BOLT, LIMITER	1	1						
25	2	129155-61450	BOLT, LIMITER	1	1						
26	2	129155-61460	BOLT, IDLE	1	1						
27	2	129155-61470	BOLT, CONTROL	1	1						
28	2	129155-61480	SPACER ASSY	2	2						
33	2	129155-61490	SHAFT	1	1						
34	2	129155-61500	LEVER ASSY, GOVERNOR	1							
34A	2	129500-61501	LEVER ASSY, GOVERNOR		1						
35	3	174307-51700	SHIM SET	2	2						
48	3	129155-61530	BUSH	2							
51	3	26022-060122	SCREW, M6X12	1	1						
52	2	129155-61540	SHIFTER	1	1						
53	2	129470-61650	SPRING, FUEL CONTROL	1	1						
54	2	129473-61801	LEVER, STOP	1	1						
55	2	129155-61810	PIN	1	1						
56	2	129100-61821	SPRING, RETURN	1	1						
57	2	129155-61830	O-RING, S10	1	1						
58	2	129155-61950	BOLT	1	1						
59	2	124550-66370	NUT, M6	1	1						
60	2	119600-66840	NUT, CAP	1	1						
61	2	22117-040000	WASHER, 4	1	1						
62	2	22272-000040	RING, E- 4	1	1						
63	2	22272-000060	RING, E- 6	2	2						
64	2	22287-120000	WASHER, 12	1	1						
65	2	22351-030016	PIN, SPRING 3.0X16	1	1						
66	2	22372-040000	PIN, SNAP 4	2	2						
67	2	23887-100002	PLUG, 10	1	1						
68	2	24311-240100	O-RING, 1AP10A	1	1						
69	2	26022-050102	SCREW, M5X10	2	2						
70	2	26106-060202	BOLT, M6X 20 PLATED	6	6						
71	2	26366-080002	NUT, M8	1	1						
72	2	26756-060002	NUT, LOCK M6	1	1						
73	2	26756-060002	NUT, LOCK M6	1	1						
74	2	26776-120002	NUT, LOCK M12	2	2						
75	2	43400-500390	SEAL WASHER 6S	1	1						
76	2	43400-500400	SEAL WASHER 6	2	2						

Remarks
(1) SELECTIVE PART; CERTAIN THE CLASSIFICATION MARK WHEN PLACE YOUR ORDER.(REFER TO THE ILLUSTRATION)

Fig.23. GOVERNOR

Fig.23 ガバナ
GOVERNOR



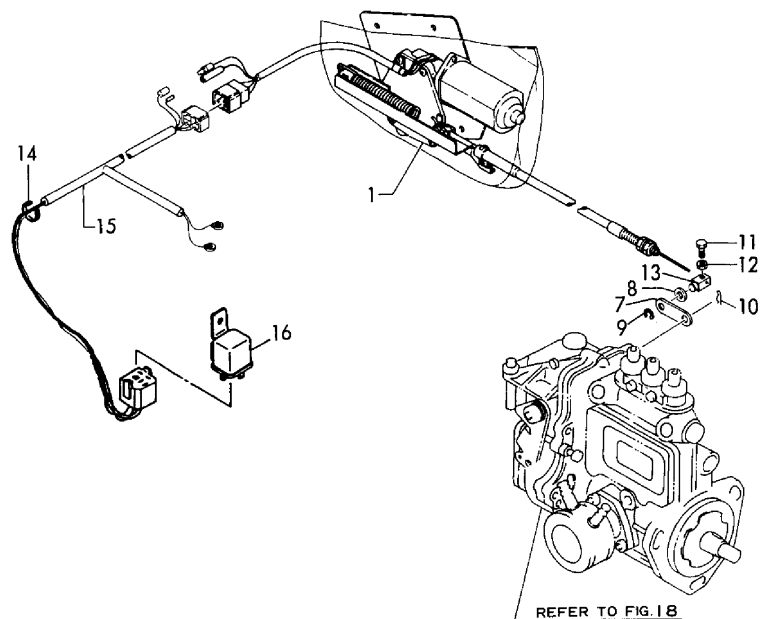
(A)=3JH2
(B)=3JH2Z
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
77	2	43400-500430	SEAL WASHER 10S	1	1						
78	2	43400-500450	SEAL WASHER 12S	2	2						
79	2	26023-050102	SCREW, M5X10	2	2						
80	1	129470-61700	SPRING, GOVERNOR	1							
80A	1	129100-61730	SPRING, GOVERNOR		1						
81	1	129100-61930	NUT, CAP	1	1						

Remarks
(1) SELECTIVE PART; CERTAIN THE CLASSIFICATION MARK WHEN PLACE YOUR ORDER.(REFER TO THE ILLUSTRATION)

Fig. 24 機関停止装置
ENGINE STOP



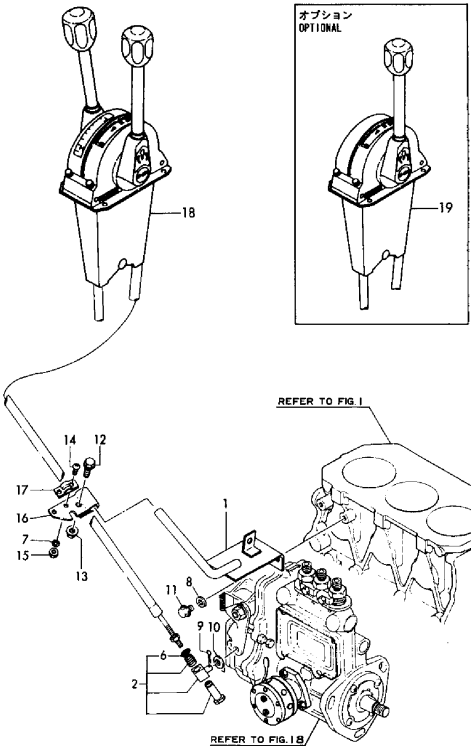
No.	Lev.	Parts No.	Description	(A)=3JH2 (B)=3JH2Z (C)=		(D)= (E)= (F)=			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	121575-77900	MOTOR, STOP	1	1				
7	1	119867-66910	LINK	1	1				
8	1	22117-080000	WASHER, 8	1	1				
9	1	22360-080000	SNAP PIN 8	1	1				
10	1	22414-250150	PIN, COTTER 2.5X15	1	1				
11	1	26116-050142	BOLT, M5X 14 PLATED	1	1				
12	1	26756-050002	NUT, LOCK M5	1	1				
13	1	41660-502410	RETAINER	1	1				
14	1	121750-59890	BAND, 140	2	2				
15	1	129593-77670	HARNESS, WIRE	1	1				
16	1	124617-91850	RELAY	1	1				

Fig.25. REMOTE CONTROL SUPPORT

(A)=3JH2
(B)=3JH2Z
(C)=

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

Fig.25 ケーブル支持台
REMOTE CONTOROL SUPPORT



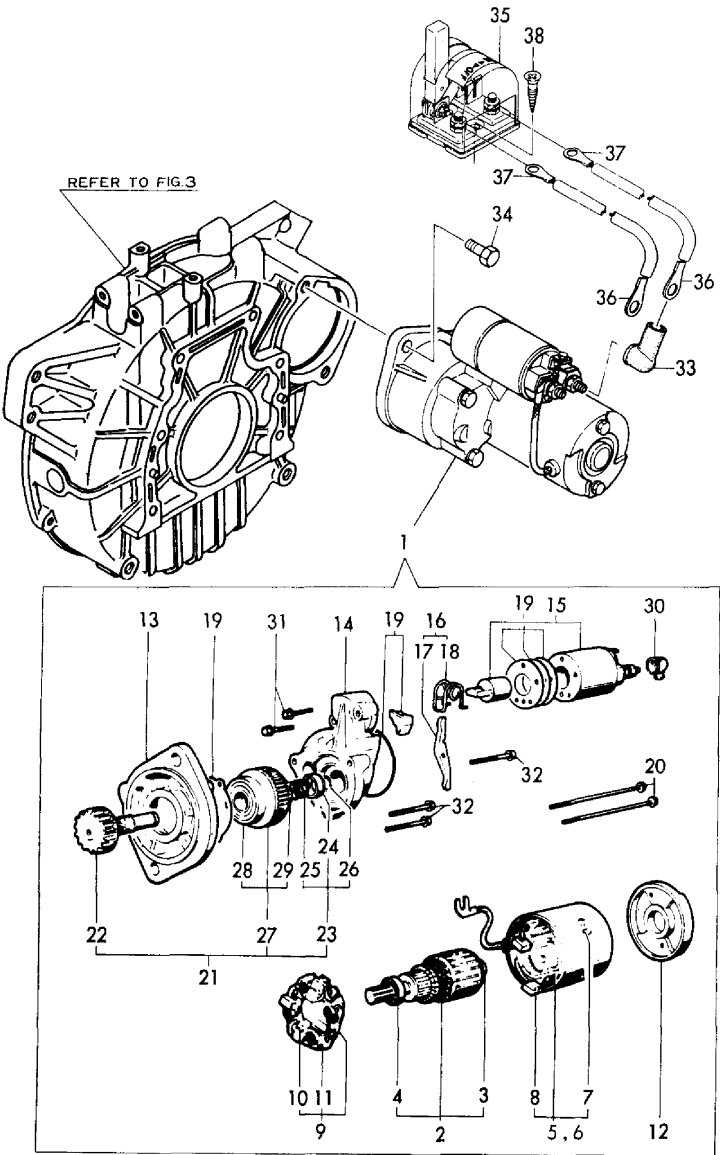
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129170-67100	BRACKET, GOVERNOR	1	1						
2	1	129470-67200	RETAINER ASSY	1	1						
6	2	22242-000100	RING, 10	1	1						
7	1	22217-050000	WASHER, SPRING 5	2	2						
8	1	22217-080000	WASHER, SPRING 8	2	2						
9	1	22414-250150	PIN, COTTER 2.5X15	1	1						
10	1	23414-080000	GASKET, 8X1.0	1	1						
11	1	26106-080122	BOLT, M8X 12 PLATED	2	2						
12	1	26106-080252	BOLT, M8X 25 PLATED	1	1						
13	1	26366-080002	NUT, M8	1	1						
14	1	26557-050122	SCREW, M5X12	2	2						
15	1	26716-050002	NUT, M5	2	2						
16	1	41701-001720	BRACKET	1	1						
17	1	41710-000410	CLAMP	1	1						
18	1	41730-501421	HEAD, REMOTE-CONT.	1							
19	1	41730-501500	HEAD, CONTROL	1							1

Remarks
(1) OPTIONAL

(A)=3JH2
(B)=3JH2Z
(C)=

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

Fig.26 スターティングモータ
STARTING MOTOR



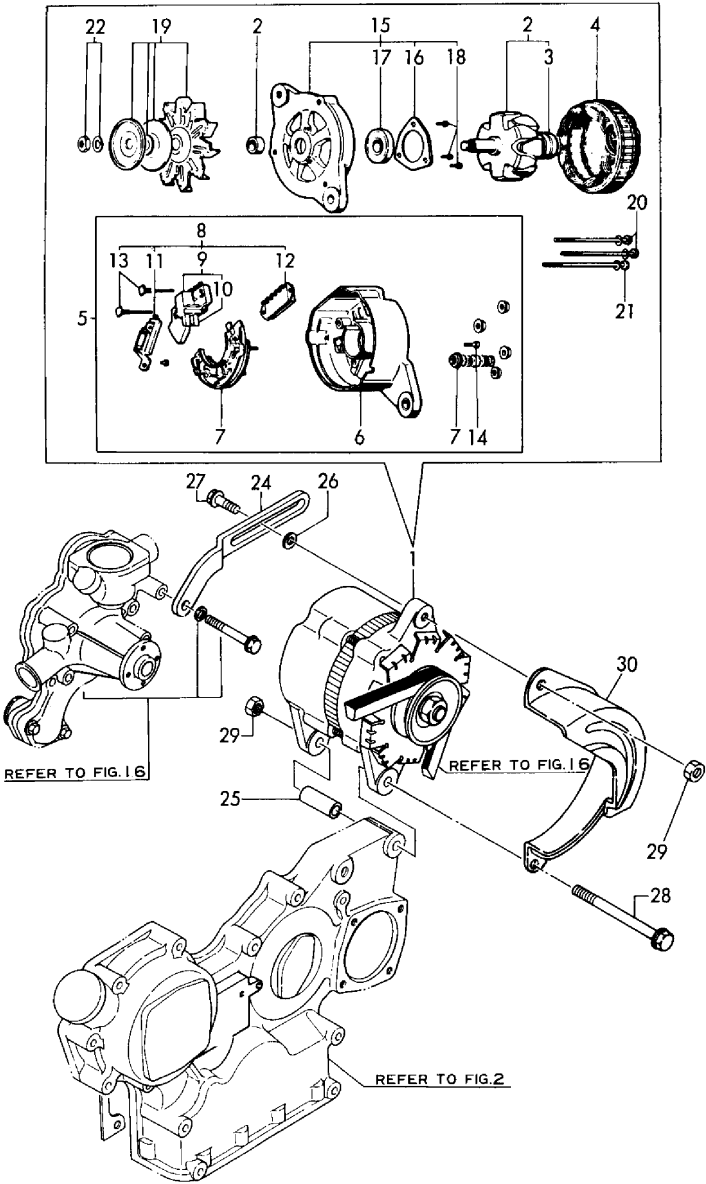
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171008-77010	STARTER, S114-483	1	1						
2	2	171008-77400	ARMATURE ASSY	1	1						
3	3	171008-77410	BEARING	1	1						
4	3	171008-77420	BEARING	1	1						
5	2	171008-77430	YOKE ASSY	1	1						
6	3	171008-77440	COIL ASSY, FIELD	1	1						
7	4	171008-77450	SCREW	4	4						
8	4	171008-77460	BRUSH (+)	2	2						
9	2	171008-77470	HOLDER ASSY, BRUSH	1	1						
10	3	171008-77480	BRUSH (-)	2	2						
11	3	171008-77490	SPRING, BRUSH	4	4						
12	2	171008-77500	COVER, REAR	1	1						
13	2	171008-77510	CASE, GEAR	1	1						
14	2	171008-77520	HOUSING, CENTER	1	1						
15	2	171008-77530	SWITCH, MAGNETIC	1	1						
16	2	171008-77540	LEVER SET	1	1						
17	3	171008-77550	LEVER, SHIFT	1	1						
18	3	171008-77560	SPRING	1	1						
19	2	171008-77571	COVER KIT, DUST	1	1						
20	2	171008-77640	BOLT, THROUGH	2	2						
21	2	171008-77650	PINION ASSY	1	1						
22	3	171008-77660	SHAFT	1	1						
23	3	171008-77670	STOPPER SET	1	1						
24	4	171008-77680	STOPPER	1	1						
25	4	171008-77690	SPRING, RETURN	1	1						
26	4	171008-77700	CLIP	1	1						
27	3	171008-77720	CLUTCH ASSY	1	1						
28	4	171008-77730	BEARING, BALL	1	1						
29	4	171008-77740	BEARING	1	1						
30	2	171008-77750	COVER	1	1						
31	2	26106-060322	BOLT, M6X 32 PLATED	2	2						
32	2	26106-060402	BOLT, M6X 40 PLATED	3	3						
33	1	124550-77030	COVER, TERMINAL	1	1						
34	1	26116-120302	BOLT, M12X 30 PLATED	2	2						
35	1	123310-77640	SWITCH, BATTERY	1	1						
36	1	123325-77920	TERMINAL	2	2						
37	1	123325-77930	TERMINAL	2	2						
38	1	22724-800380	SCREW, 8.0X38	2	2						

Fig.27. GENERATOR

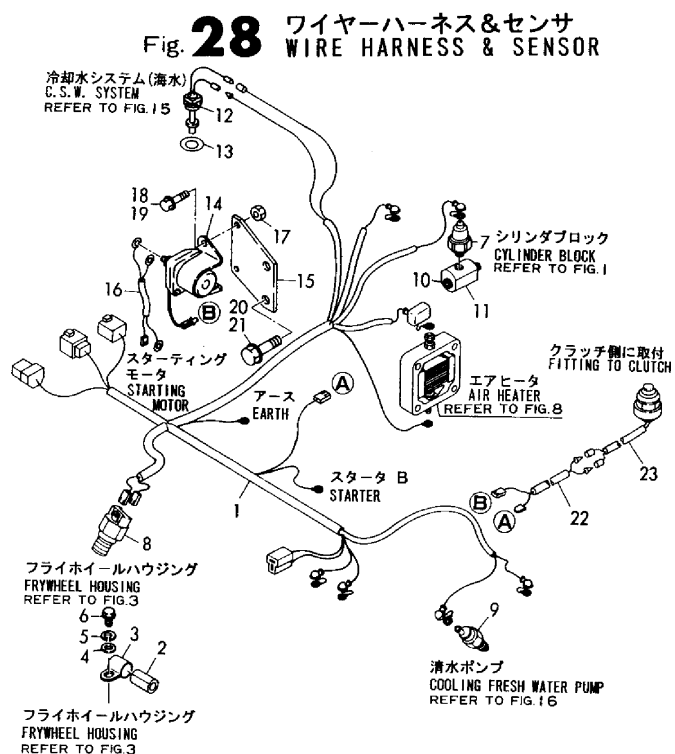
(A)=3JH2
(B)=3JH2Z
(C)=

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

Fig.27 ジェネレータ
GENERATOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128270-77200	GENERATOR, LR135-105	1	1						
2	2	XL13561001	ROTOR ASSY	1	1						
3	3	X6201SD	BALL BEARING	1	1						
4	2	XL13542001	STATER ASSY	1	1						
5	2	XL13563003	COVER ASSY	1	1						
6	3	XL1358301	COVER	1	1						
7	3	XL1353320	DIODE ASSY	1	1						
8	3	XL13513152	BRUSH REGULATOR(W/CO	1	1						
9	4	XL1354326	BRUSH, CARBON	1	1						1
10	4	XL12013262	BRUSH	2	2						
11	4	XL1352318	CONDENSER ASSY	1	1						
12	4	XTR1Z63	REGULATOR	1	1						
13	4	XL13513134	BOLT M5	2	2						
14	3	26557-050142	SCREW M 5X 14	1	1						
15	2	XL1359400	COVER ASSY, FRONT	1	1						
16	3	XL13514042	RETAINER	1	1						
17	3	X6302BM	BALL BEARING	1	1						
18	3	26557-040122	SCREW, M4X12	3	3						
19	2	XL13525001	PULLEY ASSY	1	1						
20	2	XL1254801	BOLT, THROUGH	2	2						
21	2	XL1255801	BOLT, THROUGH	1	1						
22	2	XB495469B	NUT ASSY, PULLEY	1	1						
24	1	129495-77330	ADJUSTER, BELT	1	1						
25	1	129490-77340	PIECE, DISTANCE	1	1						
26	1	22137-080000	WASHER, 8	1	1						
27	1	26106-080352	BOLT, M8X 35 PLATED	1	1						
28	1	26106-081202	BOLT, M8X120 PLATED	1	1						
29	1	26716-080002	NUT, M8	2	2						
30	1	129795-77210	COVER	1	1						



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129190-77910	HARNES, WIRE	1	1						
2	1	124770-77940	PROTECTOR	1	1						
3	1	124070-77950	CLAMP	1	1						
4	1	22137-080000	WASHER, 8	1	1						
5	1	22217-080000	WASHER, SPRING 8	1	1						
6	1	26106-080162	BOLT, M8X 16 PLATED	1	1						
7	1	124060-39451	SWITCH, 0.2KG	1	1						
8	1	128170-91160	SENSOR	1	1						
9	1	127610-91350	SWITCH, 95	1	1						
10	1	23871-010000	PLUG, R01	1	1						
11	1	43580-500680	DAMPER ASSY, PT1/8	1	1						
12	1	129593-91420	SWITCH	1	1						
13	1	23414-260000	GASKET, 26X1.0	1	1						
14	1	129490-77910	RELAY, STARTER	1	1						
15	1	129573-77951	BRACKET	1	1						
16	1	129573-77960	HARNES, WIRE	1	1						
17	1	22217-060000	WASHER, SPRING 6	2							
18	1	26106-060082	BOLT, M6X 8 PLATED	2							
19	1	26106-060102	BOLT, M6X 10 PLATED		2						
20	1	26106-100162	BOLT, M10X 16 PLATED	2							
21	1	26106-100252	BOLT, M10X 25 PLATED		2						
22	1	177074-06350	HARNES, WIRE	1							
23	1	120270-77101	SWITCH, SAFETY	1							

[illegible]

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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(A)=3JH2
(B)=3JH2Z
(C)=

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

Fig30 クラッチ

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129190-81200	CLUTCH ASSY, I=3.13	1							
2	1	129190-81100	CLUTCH ASSY, I=2.54	1							1
3	1	129190-81300	CLUTCH ASSY, I=3.50	1							1
4	1	177040-03121	DISK, DAMPER	1							
5	1	26106-080162	BOLT, M8X 16 PLATED	6							

この項目はイラスト表現していません。

Remarks
PARTS LISTED IN THIS FIGURE ARE NOT
ILLUSTRATED
(1) OPTIONAL

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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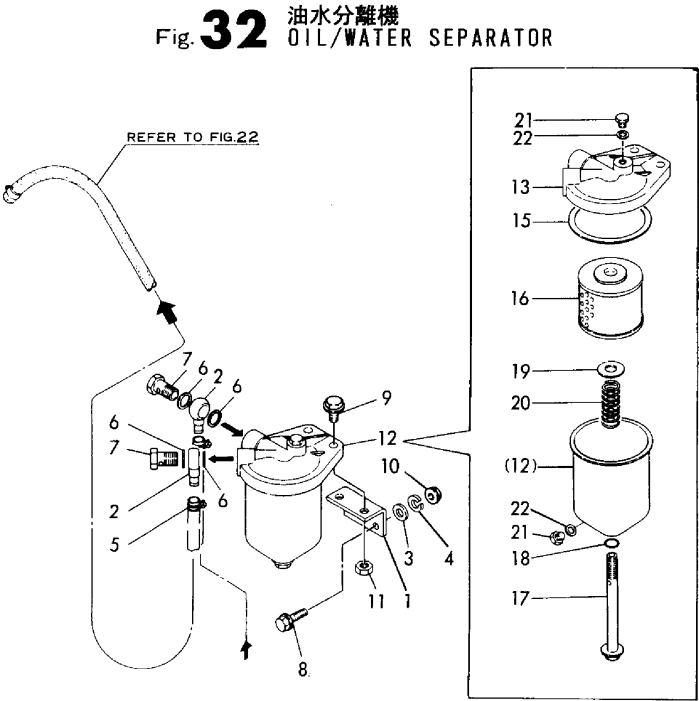
Fig.31. SUCTION/WASTE OIL PUMP

[illegible]

Fig.32. OIL/WATER SEPARATOR

(A)=3JH2
(B)=3JH2Z
(C)=

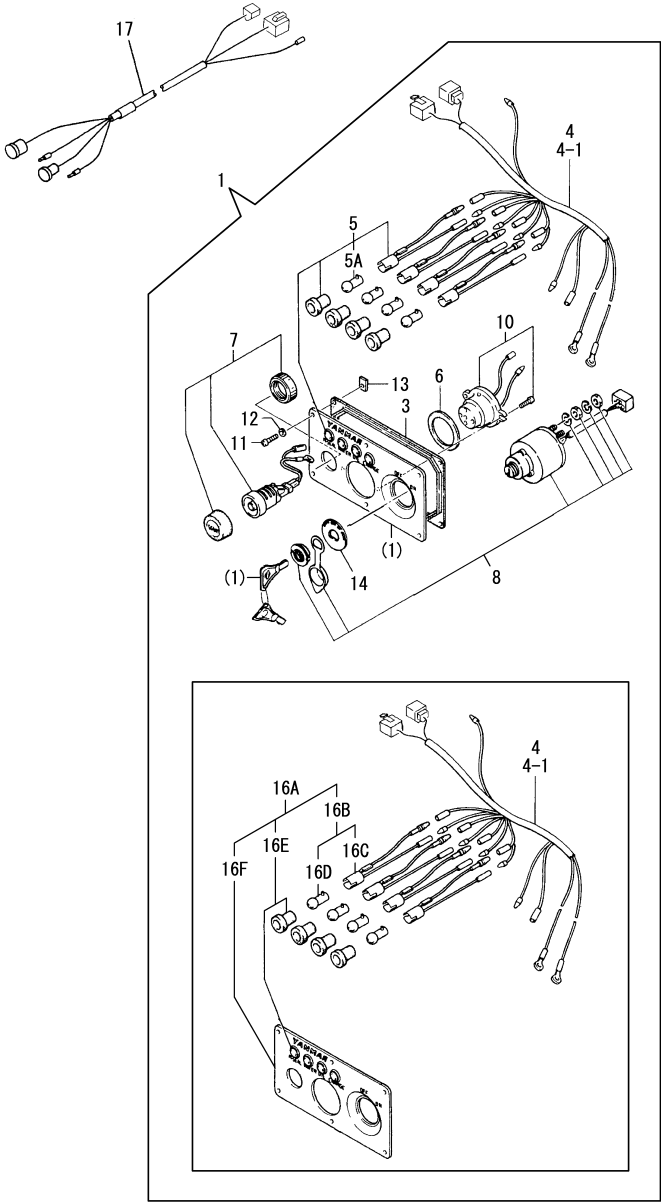
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	123672-55811	BRACKET	1	1						
2	1	121750-59910	JOINT	2	2						
3	1	22137-080000	WASHER, 8	2	2						
4	1	22217-080000	WASHER, SPRING 8	2	2						
5	1	23000-016000	CLAMP, 16	2	2						
6	1	23414-140000	GASKET, 14X1.0	4	4						
7	1	23857-080000	BOLT, JOINT 8	2	2						
8	1	26106-080402	BOLT, M8X 40 PLATED	2	2						
9	1	26106-100202	BOLT, M10X 20 PLATED	2	2						
10	1	26366-080002	NUT, M8	2	2						
11	1	26706-100002	NUT, M10	2	2						
12	1	43623-500030	SEPARATOR	1	1						
13	2	123672-55700	COVER	1	1						M
13-1	2	X2740134001	COVER ASSY	1	1						
15	2	123325-35140	GASKET	1	1						
16	2	42430-550060	ELEMENT, FUEL OIL	1	1						
17	2	123325-35110	BOLT	1	1						
18	2	24311-000120	O-RING, 1AP12.0	1	1						
19	2	123678-55860	SEAT, SPRING D30/16	1	1						
20	2	123678-55790	SPRING, SET	1	1						M
20-1	2	X0600160122	SPRING	1	1						
21	2	23887-080002	PLUG 8	2	2						
22	2	23414-080000	GASKET, 8X1.0	2	2						

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

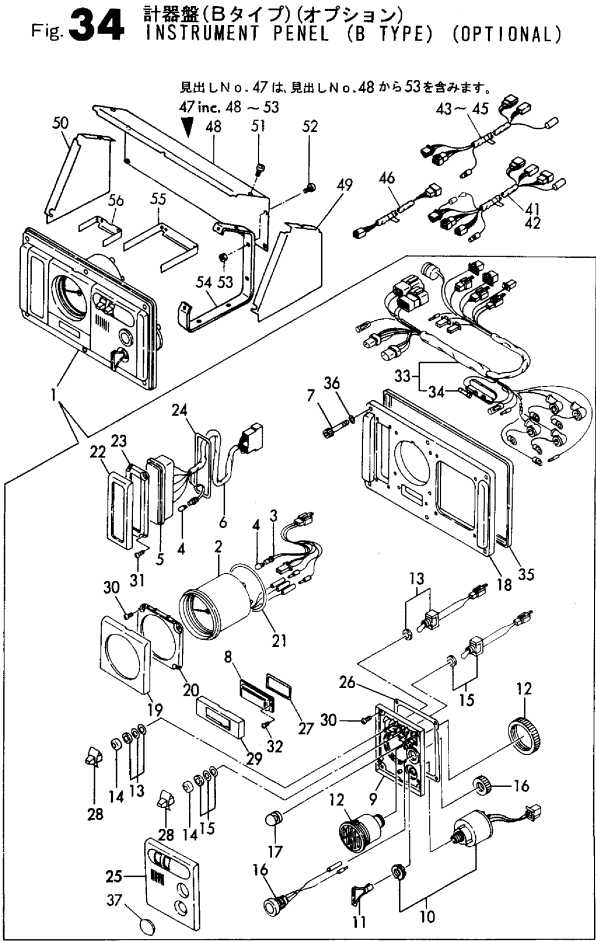
Fig.33. INSTRUMENT PANEL(A TYPE)



Remarks
(1)These items are no longer available.
No.16A is a substitue parts.

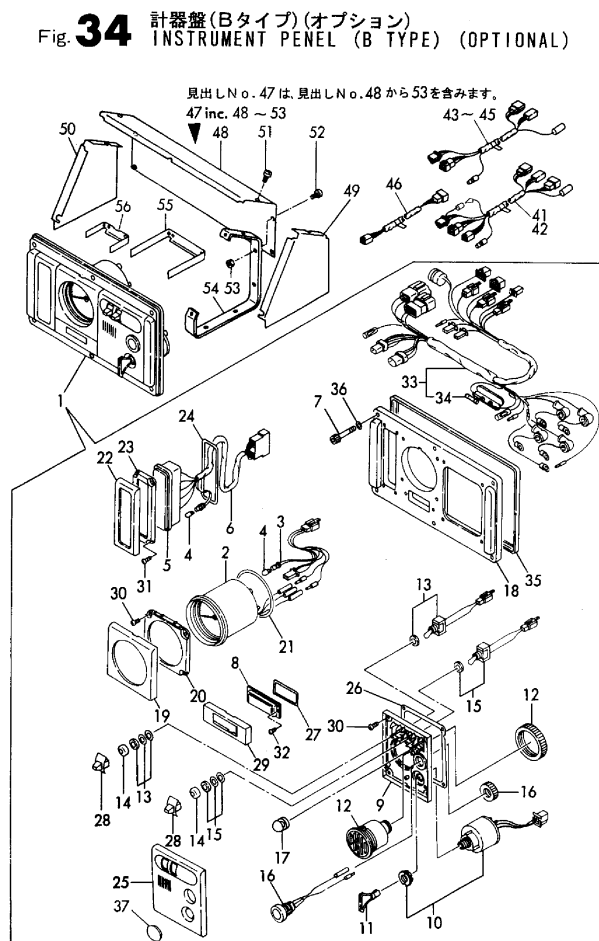
										OCF10-M52300 Fig.33	
										(A)=3JH2 (B)=3JH2Z (C)=	
										(D)= (E)= (F)=	
										Q'ty	
										(A) (B) (C) (D) (E) (F)	
No.	Lev.	Parts No.	Description							I	R
1	1	128695-91002	PANEL ASSY						1		1
1-1	1	128695-91003	PANEL ASSY, A						1	N	
(B=*2015.04.)											
3	2	128270-91020	GASKET						1		
4	2	128695-91132	HARNESS, WIRE						1		
4-1	2	128695-91200	HARNESS, WIRE						1	S	
(B=*2015.04.)											
5	2	128270-91040	LAMP, PILOT						4	Z	1
(B=*2015.04.)											
5A	3	46150-001110	BULB(12V3W/G11.BA9S)						4	Z	
(B=*2015.04.)											
6	2	128270-91360	GASKET						1		
7	2	129470-91190	SWITCH, STOP						1		
8	2	121575-91250	SWITCH, KEY						1		
10	2	128270-91350	BUZZER, ALARM						1		
11	2	128170-91810	SCREW, M5X35						6		
12	2	128170-91820	WASHER, 5						6		
13	2	128170-91830	NUT, M5						6		
14	2	128695-91270	LABEL						1		
16A	2	128695-91500	VISOR ASSY,SPARE PAR						1	W	
(B=*2015.04.)											
16B	3	128270-91260	LAMP ASSY,CODE						4	W	
(B=*2015.04.)											
16C	4	128270-91270	CORD ASSY						4	W	
(B=*2015.04.)											
16D	4	128270-91280	LAMP						4	W	
(B=*2015.04.)											
16E	3	128270-91340	LENS ASSY						4	W	
(B=*2015.04.)											
16F	3	128695-91600	VISOR						1	W	
(B=*2015.04.)											
17	1	128391-77860	HARNESS ASSY, WIRE						1		

Fig.34. INSTRUMENT PANEL(B TYPE)



Remarks
(1) OPTIONAL 3JH2Z
(2) USE IT WHEN MOUNTING THE NEW TYPE
PANEL ON THE (OLD TYPE) WIRE
HARNESS FOR ENGINE.
(3) USE IT WHEN MOUNTING THE OLD TYPE
PANEL ON THE (NEW TYPE) WIRE
HARNESS FOR ENGINE.
(4) OPTIONAL PARTS.
(5) NOT NEEDED WHEN MOUNTING ON THE
SIDE.

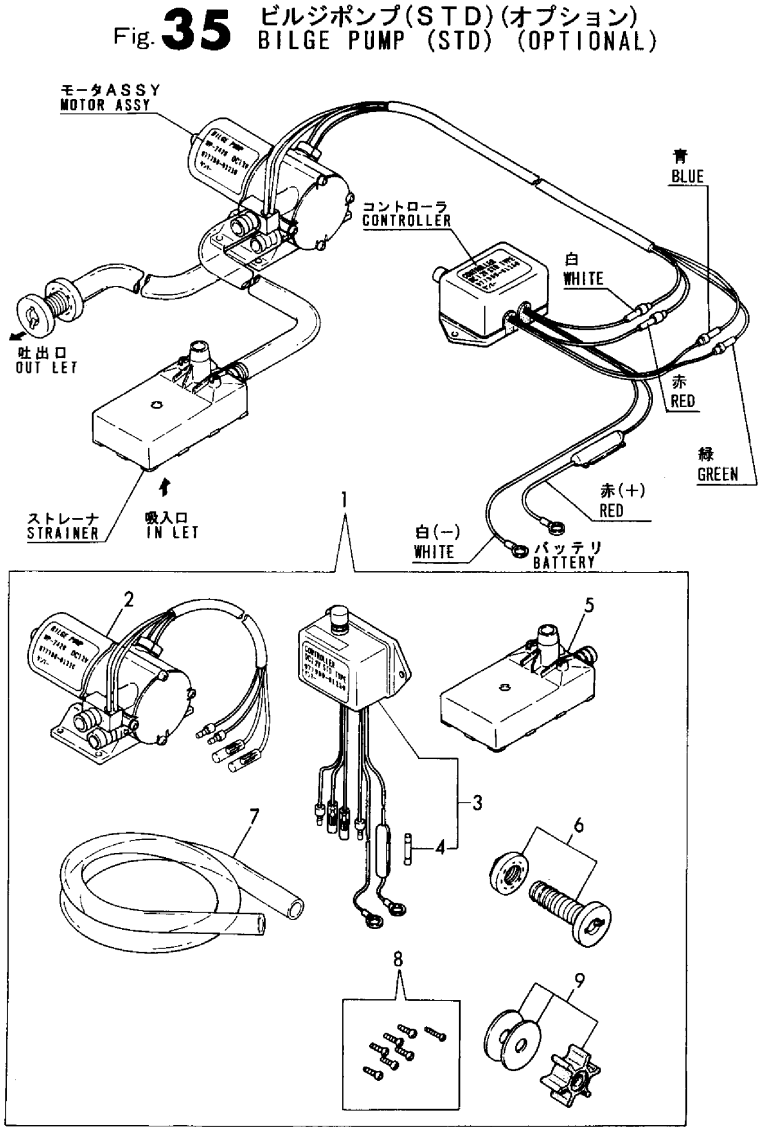
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129495-91130	PANEL ASSY, INSTRUM	1	1						1
2	2	129574-91200	METER KIT	1	1						
3	2	129574-91870	HARNESS, WIRE	1	1						
4	2	124617-91980	BULB, 12V-1.7W	5	5						
5	2	129495-91260	BOX	1	1						
6	2	129495-91860	HARNESS, WIRE	1	1						
7	2	127687-91870	BOLT, M6X35	6	6						
8	2	129170-91650	COVER	1	1						
9	2	129574-91410	BRACKET, SWITCH	1	1						
10	2	121575-91250	SWITCH, KEY	1	1						
11	2	123482-91291	KEY	1	1						
12	2	104271-91352	BUZZER	1	1						
13	2	129170-91800	SWITCH	1	1						
14	2	129574-91780	CAP, RUBBER	2	2						
15	2	129574-91790	SWITCH	1	1						
16	2	129470-91190	SWITCH, STOP	1	1						
17	2	129170-91810	COVER	1	1						
18	2	128391-91930	PANEL	1	1						
19	2	129574-91620	BEZEL	1	1						
20	2	129574-91420	BRACKET	1	1						
21	2	129574-91720	GASKET	1	1						
22	2	128391-91640	BEZEL	1	1						
23	2	128391-91440	PLATE	1	1						
24	2	128391-91740	GASKET	1	1						
25	2	129170-91610	BEZEL	1	1						
26	2	129574-91710	GASKET	1	1						
27	2	129574-91750	GASKET	1	1						
28	2	129574-91770	KNOB	2	2						
29	2	129574-91650	BEZEL	1	1						
30	2	127692-91410	SCREW	8	8						
31	2	127692-91440	SCREW	4	4						
32	2	127692-91450	SCREW	2	2						
33	2	129570-91850	HARNESS, WIRE	1	1						
34	3	124617-91990	FUSE	1	1						
35	2	128391-91700	GASKET	1	1						
36	2	127687-91880	WASHER	6	6						
37	2	129574-91760	COVER	1	1						
41	1	128391-77710	HARNESS, WIRE	1	1						
42	1	128391-77700	HARNESS, WIRE	1	1						
43	1	129574-77850	HARNESS, WIRE	1	1						2
44	1	129574-77860	HARNESS, WIRE	1	1						3
45	1	127692-91700	HARNESS, WIRE	1	1						4
46	1	127692-91710	HARNESS, WIRE	1	1						4
47	1	129574-91900	COVER ASSY	1	1						4
48	2	129574-91950	COVER, PANEL	1	1						
49	2	129574-91960	COVER, PANEL	1	1						
50	2	129574-91970	COVER, PANEL	1	1						
51	2	26559-060122	SCREW, M6X12	2	2						
52	2	26556-060122	SCREW M 6X12	4	4						5
53	2	26716-060002	NUT, M6	4	4						5
54	1	129574-91530	BRACKET, PANEL	2	2						4



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
55	1	129574-91540	BRACKET	1	1						4
56	1	129574-91550	BRACKET	1	1						4

- (1) OPTIONAL 3JH2Z
- (2) USE IT WHEN MOUNTING THE NEW TYPE PANEL ON THE (OLD TYPE) WIRE HARNESS FOR ENGINE.
- (3) USE IT WHEN MOUNTING THE OLD TYPE PANEL ON THE (NEW TYPE) WIRE HARNESS FOR ENGINE.
- (4) OPTIONAL PARTS.
- (5) NOT NEEDED WHEN MOUNTING ON THE SIDE.

Fig.35. 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						
2	2	977780-01230	MOTOR ASSY(BILG PUMP	1	1						
3	2	977780-01250	CONTROLLER	1	1						
4	3	X8636008003	FUSE	1	1						
5	2	X179100021X	STRAINER	1	1						
6	2	X179100100X	PIPE ASSY	1	1						
7	2	X0044021509	HOSE A	1	1						
8	2	X199903800X	SCREW KIT	1	1						
9	2	977780-03000	INPELLER	1	1						

Fig.36. BILGE PUMP(DX)(OPTIONAL)

(A)=3JH2
(B)=3JH2Z
(C)=

(D)=
(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						
2	2	977780-01230	MOTOR ASSY(BILG PUMP	1	1						
3	2	977780-01240	CONTROLLER	1	1						
4	3	X8636008003	FUSE	1	1						
5	2	X179100011X	STRAINER	1	1						
6	2	X179100100X	PIPE ASSY	1	1						
7	2	X0044021509	HOSE A	1	1						
8	2	X199903800X	SCREW KIT	1	1						
9	2	977780-03000	INPELLER	1	1						

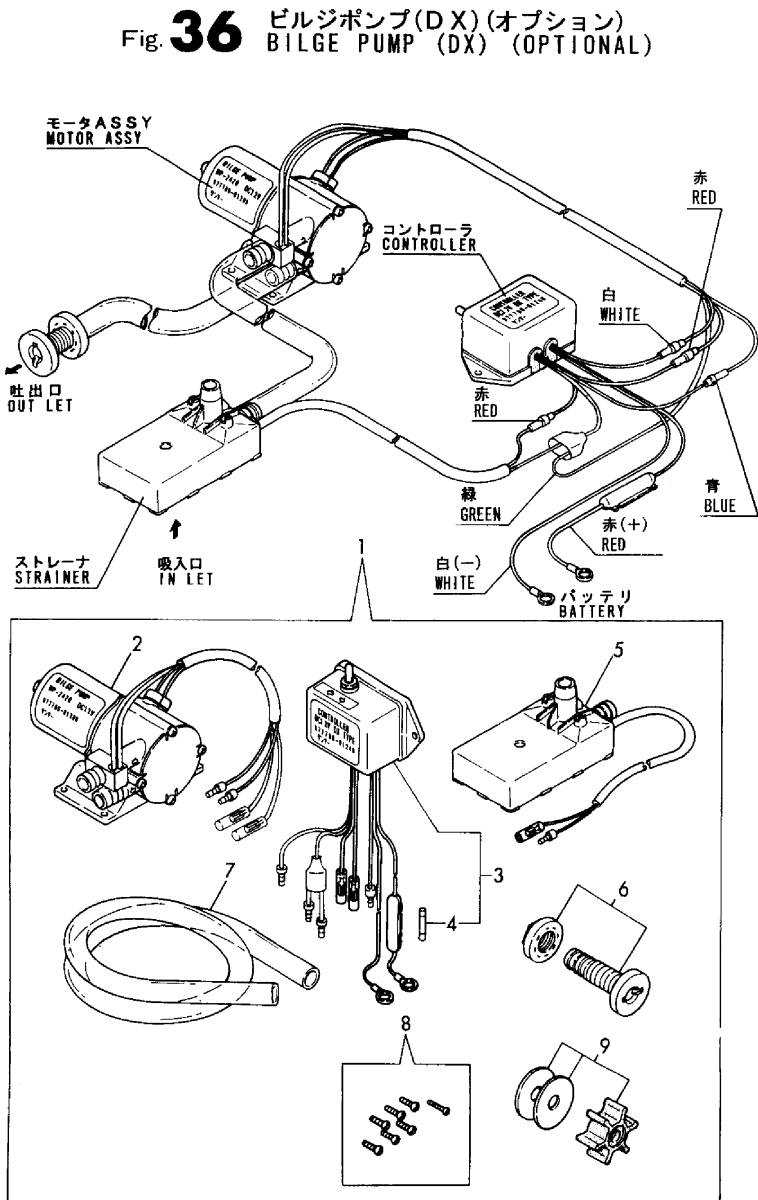
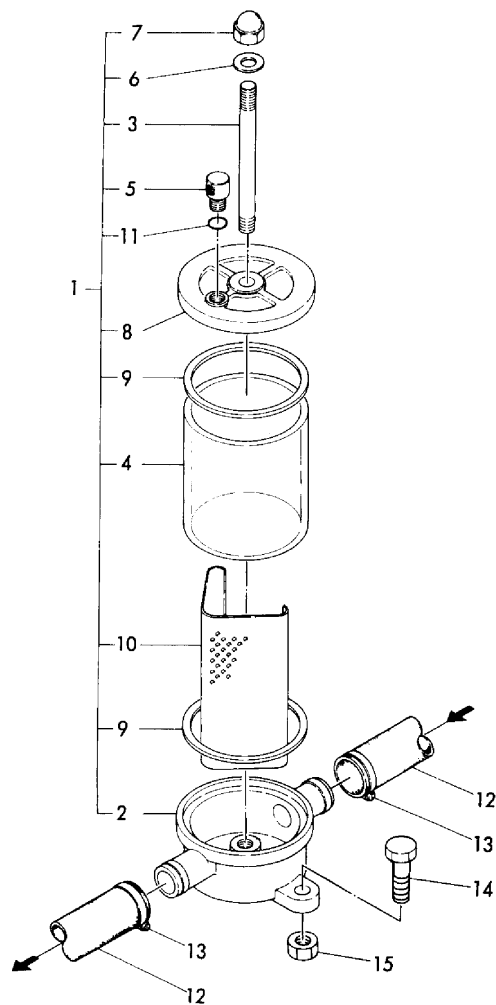


Fig. **37** 海水フィルタ (オプション)
SEA WATER STRAINER (OPTIONAL)



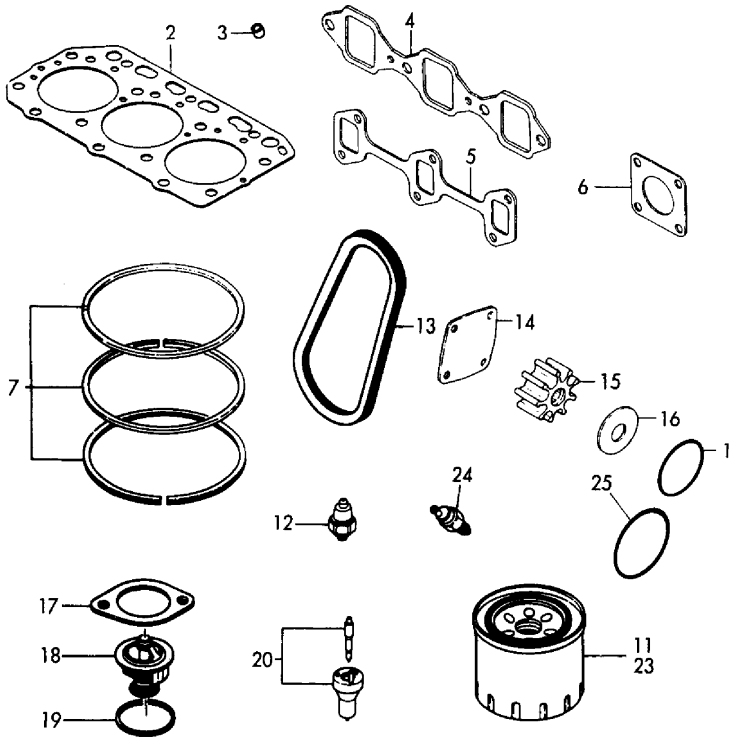
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129795-48800	STRAINER	1	1						
2	2	XTST25S001	BODY	1	1						
3	2	XTST25S002	BOLT M 8X125	1	1						
4	2	XTST25S003	PIPE, OUTER	1	1						
5	2	XTST25S004	PLUG M 8	1	1						
6	2	XTST25S005	PACKING	1	1						
7	2	26664-080002	NUT, CAP M8	1	1						
8	2	XTST25S007	COVER	1	1						
9	2	XTST25S008	PACKING	2	2						
10	2	XTST25S009	FILTER	1	1						
11	2	24311-000060	O-RING, 1AP6.0	1	1						
12	1	23072-101000	HOSE, 10X1000	1	1						
13	1	23000-041000	CLAMP, 41	2	2						
14	1	26116-080302	BOLT, M8X 30 PLATED	2	2						
15	1	26703-080002	NUT, M8	2	2						

Fig.38. REPAIR PART(OPTIONAL)

(A)=3JH2
(B)=3JH2Z
(C)=

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

Fig.38 スペアパーツ(オプション)
REPAIR PART (OPTIONAL)



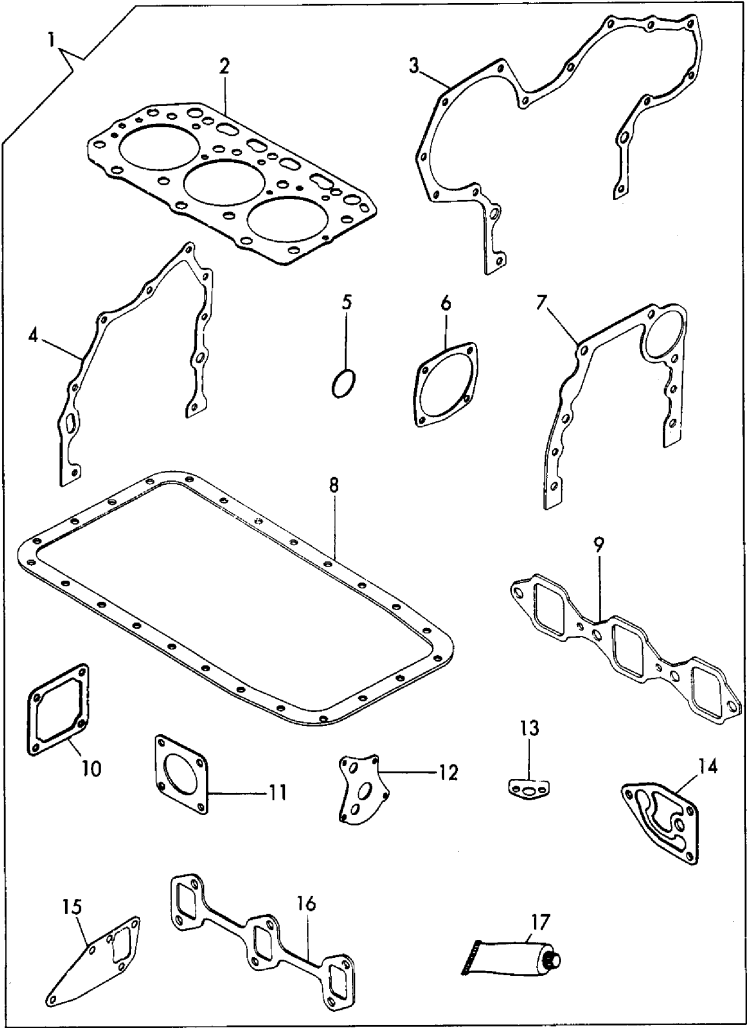
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	24341-000600	O-RING, 1AS60.0	1							
2	1	129171-01330	GASKET, HEAD T=1.4	1							
3	1	119625-11870	PROTECTOR, NOZZLE	3							
4	1	129150-12111	GASKET, MANIFOLD	1							
5	1	129150-13110	GASKET	1							
6	1	129472-18090	GASKET	1							
7	1	729120-22500	RING SET, PISTON	3							
11	1	129150-35150	FILTER 90X80L	1							
12	1	124060-39451	SWITCH, 0.2KG	1							
13	1	25132-004500	V-BELT, A45	1							
14	1	129470-42520	COVER	1							
15	1	129470-42530	IMPELLER	1							
16	1	129573-42540	PLATE	1							
17	1	129470-49550	GASKET	1							
18	1	129470-49801	THERMOSTAT, 76.5	1							
19	1	129470-49810	GASKET, THERMOSTAT	1							
20	1	129100-53000	VALVE ASSY, INJECTION	3							
23	1	129470-55701	STRAINER ASSY, FUEL	1							
24	1	127610-91350	SWITCH, 95	1							
25	1	24321-000750	O-RING, 1AG75.0	2							

Fig.39. GASKET SET(OPTIONAL)

(A)=3JH2
(B)=3JH2Z
(C)=

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

Fig.39 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	729171-92600	GASKET SET	1	1						
2	2	129171-01330	GASKET, HEAD T=1.4	1	1						
3	2	129470-01510	GASKET, GEAR CASE	1	1						
4	2	129470-01531	GASKET	1	1						
5	2	129470-01550	O-RING	1	1						
6	2	129150-01881	GASKET	1	1						
6-1	2	129C26-01890	GASKET, HO-P	1	1						R
		(A=EXXXXX) (B=EXXXXX)									
7	2	129470-01620	GASKET	1	1						
8	2	129198-01750	GASKET, OIL SUMP	1	1						
9	2	129150-12111	GASKET, MANIFOLD	1	1						
10	2	129470-77590	GASKET	1	1						
11	2	129472-18090	GASKET	1	1						
12	2	129150-32020	GASKET, PUMP	1	1						
13	2	129470-35040	GASKET	1	1						
14	2	129470-35121	GASKET	1	1						
15	2	129150-42020	GASKET, WATER PUMP	1	1						
16	2	129150-13110	GASKET	1	1						
17	2	977770-01212	GASKET, LIQUID	1	1						

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	22	1
		9
102410-92940	5	21
103338-11190	6	18
104200-59170	22	4
104200-92350	29	5
104200-92600	29	6
104271-91352	34	12
104507-07190	4	8
104511-11370	6	21
114250-53080	20	5
114250-53120	20	7
114250-53130	20	8
114250-53140	20	9
114250-53210	20	10
114250-53400	20	11
119171-14400	10	8
119305-35150	12	23
119600-01050	1	4
119600-66840	23	60
119620-54900	21	10
119625-11870	6	24
	38	3
119625-11880	6	26
119625-11900	6	25
119810-51040	18	4
119867-66910	24	7
120130-11860	6	45
120130-49350	17	10
120220-13010	9	11
120270-77101	28	23
120322-07410	4	12
120322-33050	17	26 A
120445-44530	17	1
120445-44540	17	2
120445-44620	4	14
120445-44640	17	23
121023-01550	2	5
121100-22400	11	23
121111-21501	11	9
121400-11340	6	19
121450-01560	2	7
121550-23200	11	27
121575-08340	5	19
121575-77900	24	1
121575-91250	33	8
	34	10
121750-59890	22	5
	24	14
121750-59910	32	2

Parts No.	Fig. No.	Ref. No.
121850-11860	6	9
121850-21680	11	8
121850-35200	12	17
121850-35520	12	19
121850-35531	12	20
121850-54900	21	11
122117-51560	18	45
122710-51050	18	5
122710-51090	18	8
123310-77640	26	35
123325-35110	32	17
123325-35140	32	15
123325-49421	9	25
	15	8
123325-77920	26	36
123325-77930	26	37
123482-91291	34	11
123672-55700	32	13
123672-55811	32	1
123672-92950	5	11
123678-55790	32	20
123678-55860	32	19
123682-07850	4	13
124060-39451	28	7
	38	12
124066-59100	22	10
124070-77950	28	3
124160-01751	2	8
	7	18
124160-11360	7	11
124160-39140	14	1
124160-49480	17	14
124220-92700	5	7
124220-92920	5	8
124223-35510	12	18
124310-54800	21	9
124395-49021	9	29 -1
124410-54940	21	13
124460-11340	6	20
124460-77680	1	26
	15	11
	17	27
124550-21600	11	12
		15
124550-51350	18	30
124550-51370	18	31
124550-59820	14	9
124550-66370	23	59
124550-77030	26	33
124617-91850	24	16

Parts No.	Fig. No.	Ref. No.
124617-91980	34	4
124617-91990	34	34
124736-07900	6	43
124770-77940	28	2
124790-44560	17	3
124950-51190	18	15
127610-07990	4	16
127610-91350	28	9
	38	24
127687-91870	34	7
127687-91880	34	36
127692-91410	34	30
127692-91440	34	31
127692-91450	34	32
127692-91700	34	45
127692-91710	34	46
128170-13600	17	6
128170-34800	12	26
128170-91160	28	8
128170-91810	33	11
128170-91820	33	12
128170-91830	33	13
128270-77200	27	1
128270-91020	33	3
128270-91040	33	5
128270-91260	33	16 B
128270-91270	33	16 C
128270-91280	33	16 D
128270-91340	33	16 E
128270-91350	33	10
128270-91360	33	6
128275-39700	31	1
128275-39710	31	2
128371-01800	1	25
128391-77700	34	42
128391-77710	34	41
128391-77860	33	17
128391-91440	34	23
128391-91640	34	22
128391-91700	34	35
128391-91740	34	24
128391-91930	34	18
128695-44090	15	1
	16	24
128695-91002	33	1
128695-91003	33	1 -1
128695-91132	33	4
128695-91200	33	4 -1
128695-91270	33	14
128695-91500	33	16 A

Parts No.	Fig. No.	Ref. No.
128695-91600	33	16 F
129100-01520	2	3
129100-11100	6	14
129100-11110	6	15
129100-11350	7	1
129100-23910	11	43
129100-25900	21	15
129100-35140	12	16
129100-53000	38	20
129100-59810	20	18
129100-59820	20	22
129100-59830	20	26
129100-59951	22	17
129100-61400	23	16
129100-61730	23	80 A
129100-61821	23	56
129100-61930	23	81
129100-77500	8	13
129100-77510	8	14
129129-14580	10	1
129150-01200	1	23
129150-01750	3	7 -1
129150-01870	2	21
129150-01881	2	22
	15	34
	39	6
129150-02020	1	11
129150-02450	10	2
129150-02800	1	14
129150-02870	1	29
129150-02930	1	17
129150-02940	1	30
129150-03020	7	3
129150-03070	7	4
129150-03080	7	5
129150-11230	6	36
129150-11280	6	33
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