

OCR10-M20200EN

P R E F A C E

1. This Parts Catalog develops Model **4JH-DTE** engine & Model **KBW 21** marine gear.

2. This Parts Catalog covers all parts of engines massproduced since August, 1985.

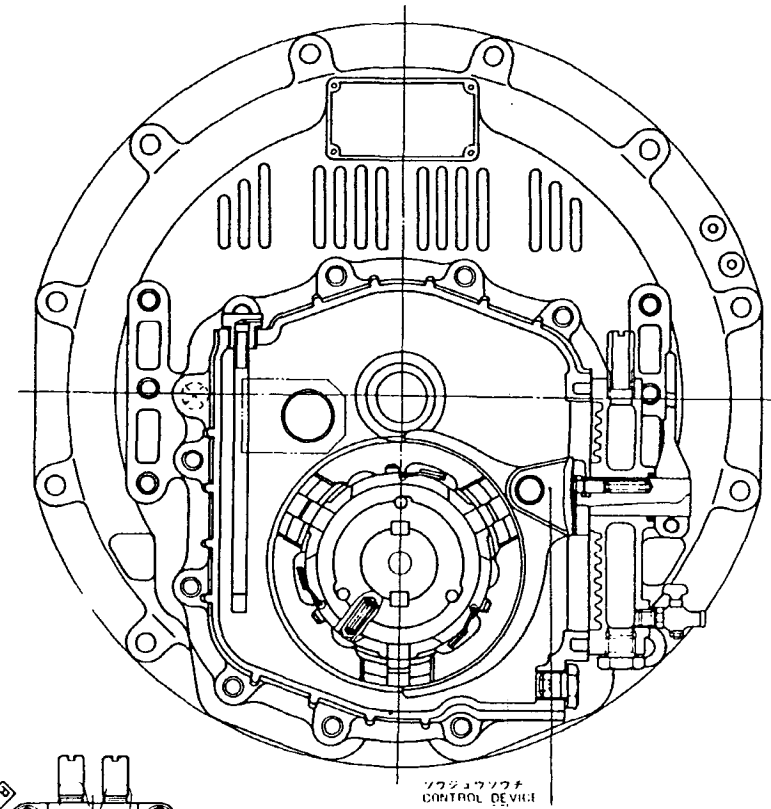
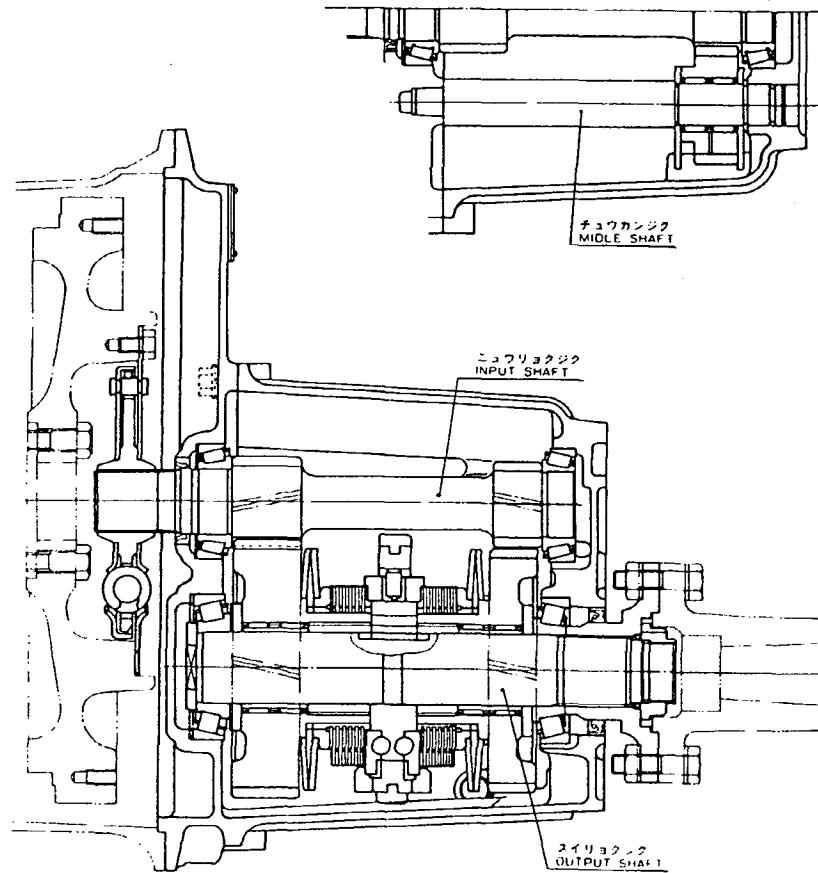
3. Engine Painting ColorUrethane Metallic Echol Silver.
Replacement parts painted in Metallic Echol Silver are supplied.

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

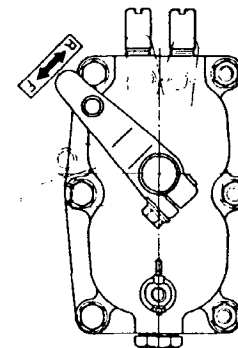
SPECIFICATION

Model		4JH-DTE
Type		Vertical water-cooled 4-cycle diesel engine
Cyl.No.		4
Cyl.Bore $\times$ Stroke(mm)		78 $\times$ 86
Firing system		Direct injection type
Starting system		Electric starting 12V-1.8KW
Direction of rotation (Viewed from stern)	Crank shaft	Counter clockwise
	Propeller shaft	Clockwise
Power take off		Flywheel side
Turbocharger system		Exh.gas Turbocharger
Cooling system		Fresh water cooled
Reduction reversing gear		KBW 21

KBW-21 ダンメンズ
SECTIONAL VIEW



← A



Aヨリミル
VIEWED FROM A

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3.	FLYWHEEL HOUSING
4.	LUB. OIL SUMP
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Fig. No.	Fig. Name
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30.	COOLING SEA WATER PUMP
31.	COOLING FRESH WATER PUMP
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35.	THERMOSTAT
36.	FUEL INJECTION PUMP
37.	FUEL FEED PUMP
38.	FUELINJECTION VALVE
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47.	STARTING MOTOR
48.	GENERATOR
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4JH-DTE OPTIONAL

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- 64. WIRE HARNESS(FOR C,D PANEL)
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- 67. ENGINE STOP DEVICE
- 68. SOLID COUPLING
- 69. STRAIGHT COUPLING
- 70. SLIT COUPLING
- 71. SINGLE LEVER CONTROL

Fig. No. Fig. Name

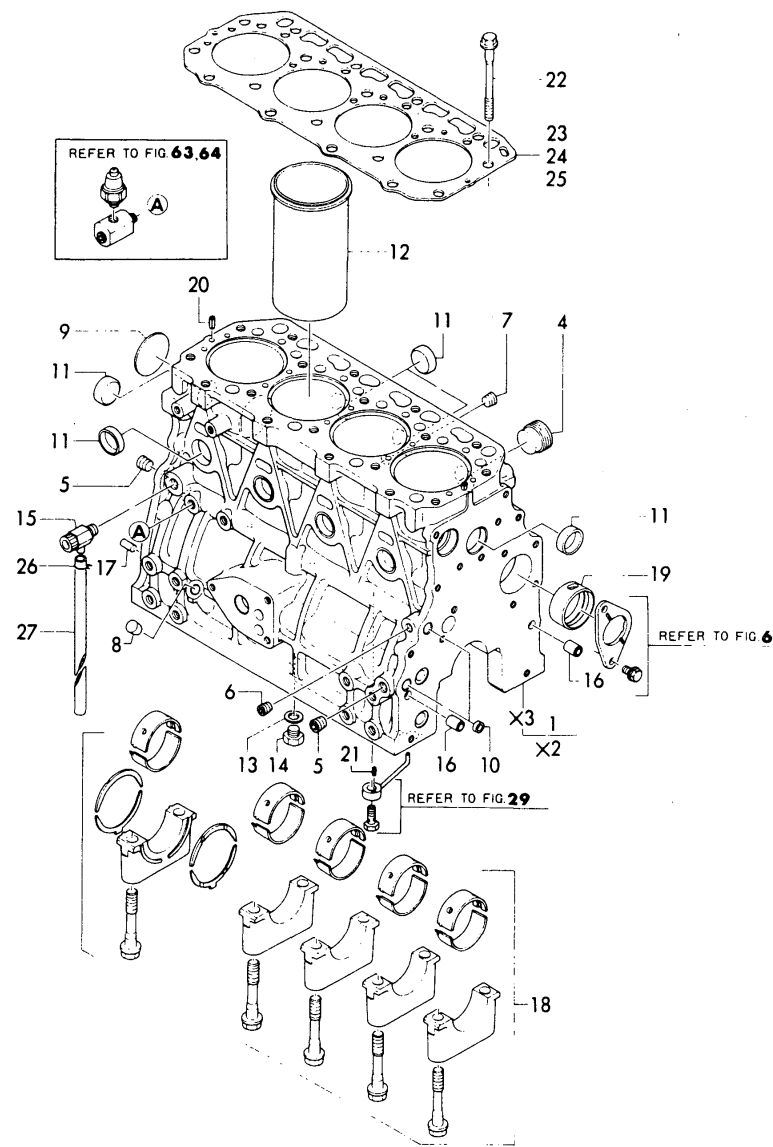
- 72. MORESE CABLE
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- 78. GASKET SET

CLUTCH INNER PARTS

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- 80. INPUT SHAFT
- 81. COUNTER SHAFT
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- 83. CONTROL DEVICE
- 84. TOOLS(OPTIONAL PARTS)

Fig.1. CYLINDER BLOCK

Fig.1 シリンダブロック
CYLINDER BLOCK



(A)=4JH-DTE
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729472-01560	BLOCK ASSY, CYLINDER	1							
4	3	171051-01921	PLUG, NPTF1	1							
5	3	124160-01910	PLUG, PT1/4	2							
6	3	23871-010000	PLUG, R01	1							
7	3	23871-030000	PLUG, R03	1							
8	3	27225-100140	PLUG, 10X14	1							
9	3	27231-500000	PLUG 50	1							
10	3	27241-120000	PLUG, 12	2							
11	3	27241-300000	PLUG 30	8							
12	2	129472-01100	SLEEVE, CYLINDER	4							
13	2	23414-120000	GASKET, 12X1.0	1							
14	2	23887-120002	PLUG, 12	1							
15	2	128371-01800	COCK ASSY, 1/4	1							
16	2	*REF. 2=13	KNOCK, PIPE	2							
17	2	*REF. 3= 5	PARALLEL PIN 8X16	2							
18	2	*REF. 5	MAIN BEARING	1							
19	2	*REF. 6= 1	BUSH A	1							
20	2	*REF.11=41	SPRING PIN 6X12	2							
21	2	*REF.29= 3	SPRING PIN 3X10	4							
22	1	129150-01200	BOLT, HEAD	18							
23	1	129553-01350	GASKET, HEAD T=1.4	1							B
24	1	129553-01340	GASKET, HEAD T=1.3	1							B
25	1	129491-01360	GASKET, HEAD T=1.5	1							A
26	1	124460-77680	RETAINER	1							
27	1	23061-070300	PIPE, 7X 300	1							

Remarks
A)STANDARD
B)ADJUSTMENT

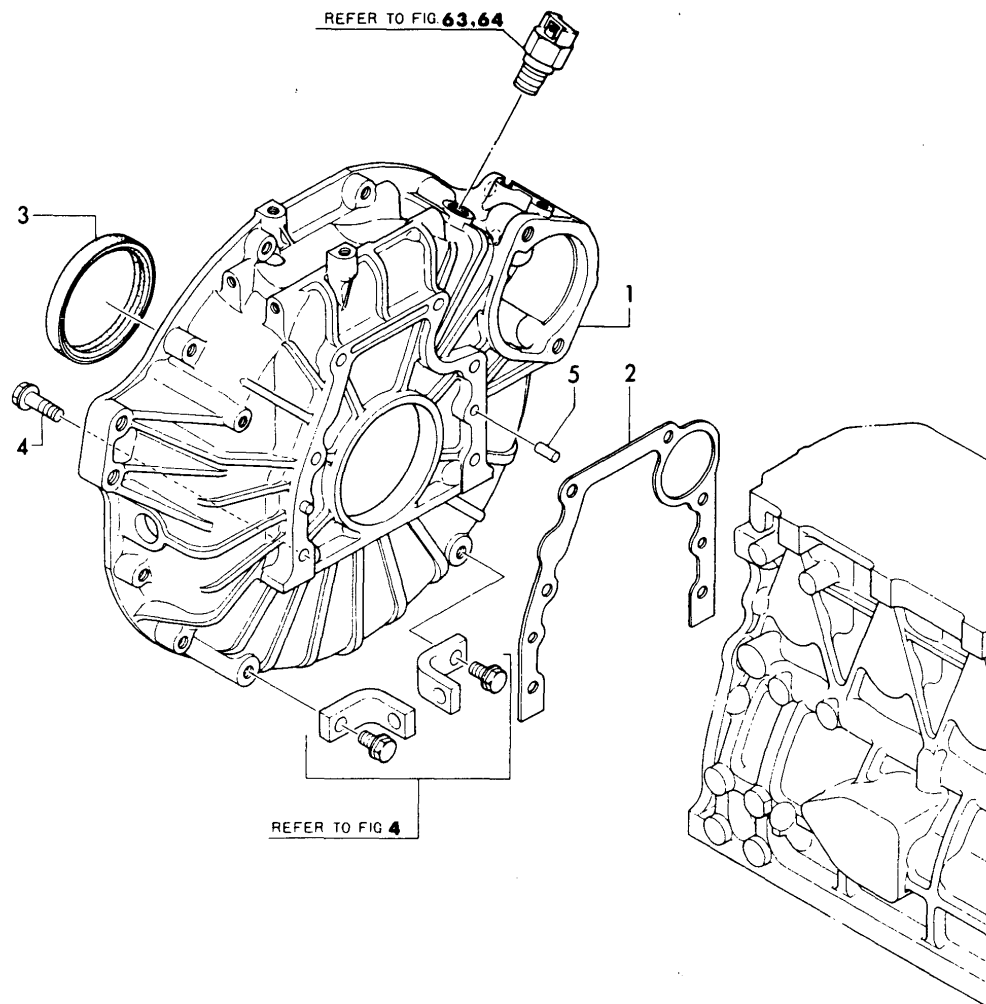
(A)=4JH-DTE
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-01500	CASE, GEAR	1							
2	1	129150-01510	GASKET, GEAR CASE	1							
3	1	129150-01520	FLANGE, GEAR CASE	1							
4	1	129150-01530	GASKET, GEAR CASE	1							
5	1	121023-01550	COVER	1							
6	1	129470-01550	O-RING	2							
7	1	121450-01560	STUD, M8X22	3							
8	1	124160-01751	COVER, FILLER	1							
9	1	24311-000320	O-RING, 1AP32.0	1							
10	1	129795-01800	SEAL, OIL	1							
11	1	129150-01870	COVER	1							
12	1	129150-01880	GASKET	1							
12-1	1	129470-01880	GASKET, GEAR CASE	1							R
		(A=*1988.10)									
12-2	1	129150-01881	GASKET	1							R
		(A=*1991.03)									
12-3	1	129C26-01890	GASKET, HO-P	1							R
		(A=EXXXXX)									
13	1	129795-01950	PIPE, KNOCK L=18	2							
14	1	24341-000260	O-RING, 1AS26.0	1							
15	1	26106-060122	BOLT, M6X 12 PLATED	2							
16	1	26106-080122	BOLT, M8X 12 PLATED	4							
17	1	26106-080452	BOLT, M8X 45 PLATED	6							
18	1	26106-080552	BOLT, M8X 55 PLATED	3							
19	1	26106-080852	BOLT, M8X 85 PLATED	4							
20	1	26216-080182	STUD, M8X 18	1							
21	1	22117-080000	WASHER, 8	1							
22	1	26366-080002	NUT, M8	3							
23	1	23414-080000	GASKET, 8X1.0	4							

Fig.3. FLYWHEEL HOUSING

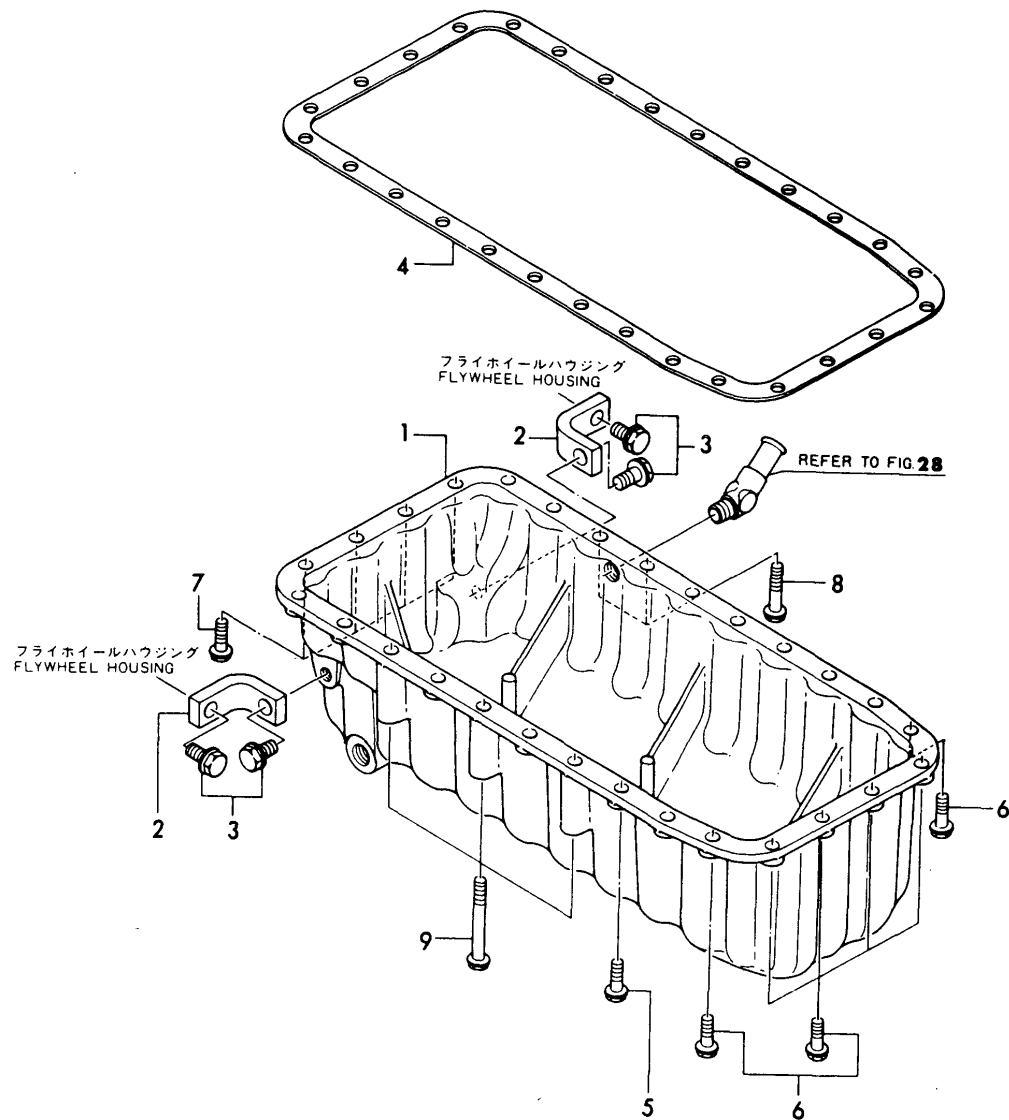
Fig. 3 フライホイールハウジング
FLYWHEEL HOUSING



No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	129400-01600	HOUSING, FLYWHEEL	1					
2	1	129100-01620	GASKET	1					
3	1	129795-01780	SEAL, OIL	1					
4	1	26106-100302	BOLT, M10X 30 PLATED	6					
5	1	22312-080160	PIN, PARALLEL M8X16	2					

Fig.4. LUB. OIL SUMP

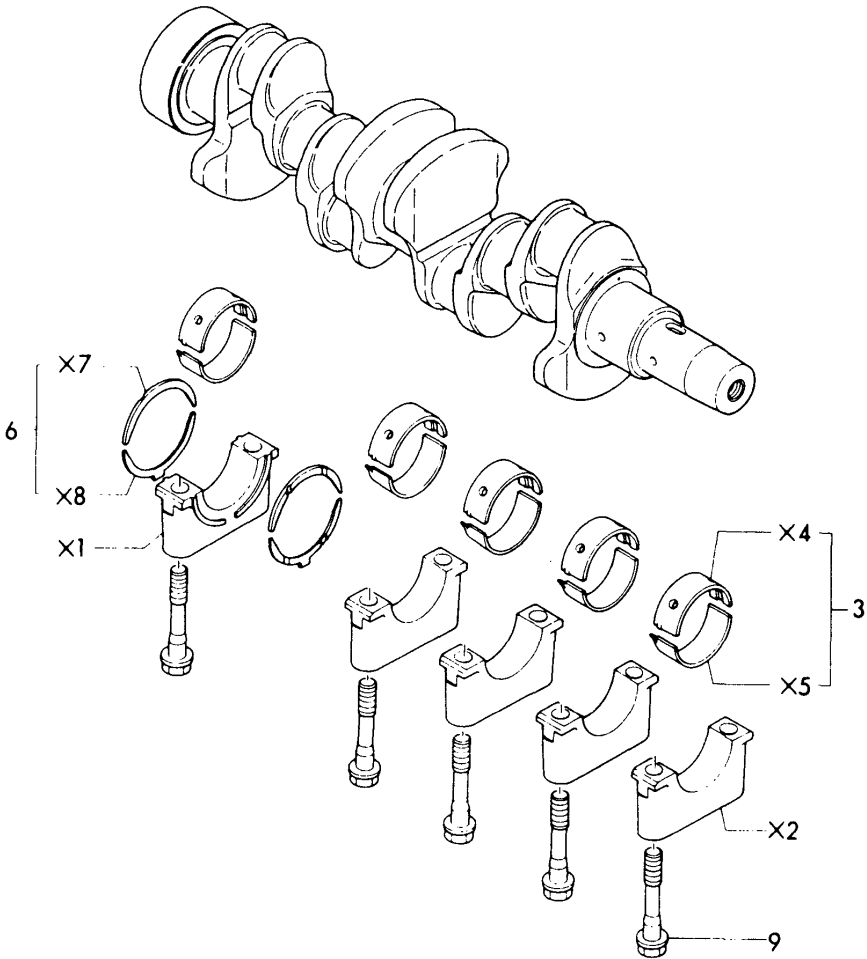
Fig.4 オイルパン
LUB. OIL SUMP



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-01700	SUMP, OIL	1							
2	1	129470-01710	BRACKET	2							
3	1	26106-100252	BOLT, M10X 25 PLATED	4							
4	1	129400-01750	GASKET, OIL SUMP	1							
5	1	26106-080252	BOLT, M8X 25 PLATED	13							
6	1	26106-080252	BOLT, M8X 25 PLATED	6							
7	1	26106-080252	BOLT, M8X 25 PLATED	4							
8	1	26106-080402	BOLT, M8X 40 PLATED	2							
9	1	26106-080702	BOLT, M8X 70 PLATED	3							

Fig.5. MAIN BEARING

Fig. 5 メインメタル
MAIN BEARING

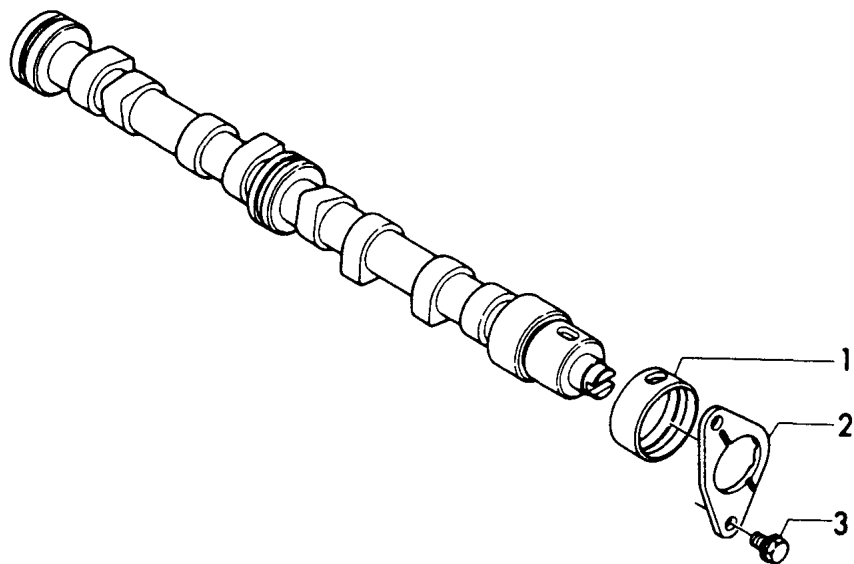


(A)=4JH-DTE
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	2	729150-02800	BEARING, MAIN	5							
6	2	729150-02930	BEARING, THRUST	2							
9	2	129150-02020	BOLT, METAL CAP	10							

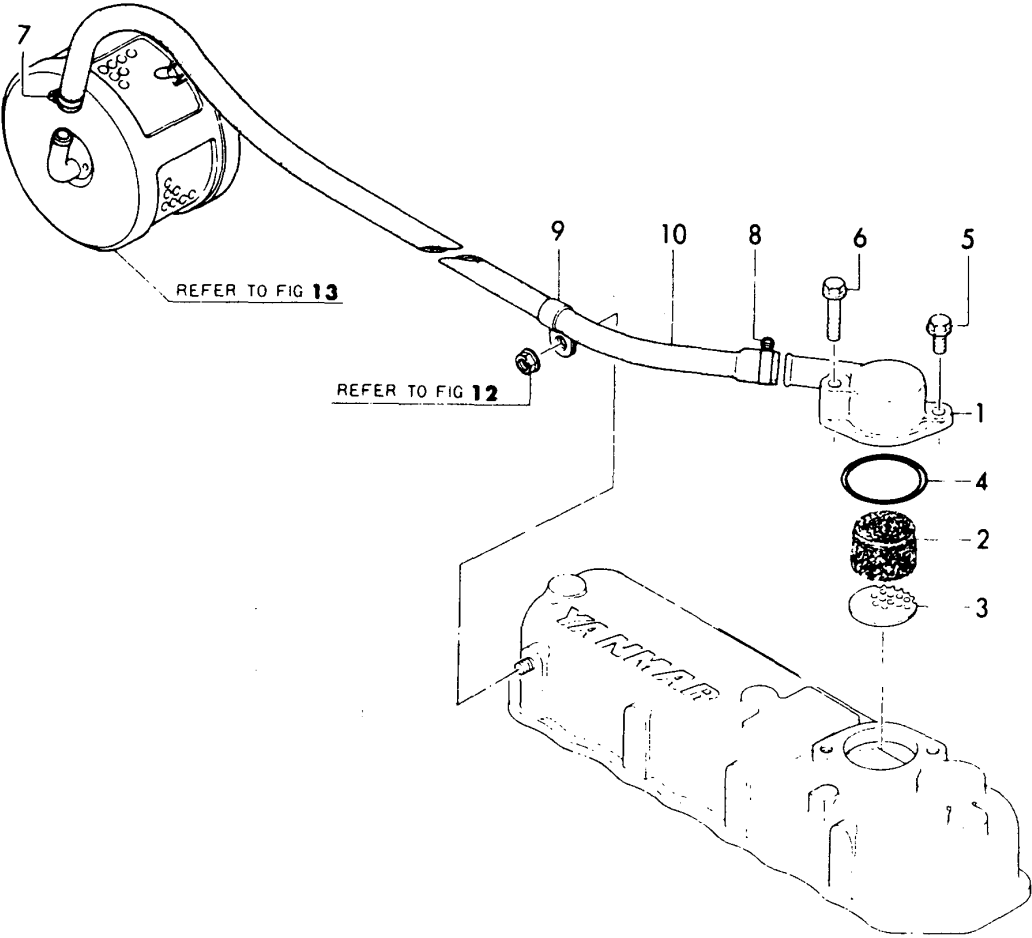
**Fig. 6 カムシャフトメタル
CAMSHAFT BEARING**



				(A)=4JH-DTE	(D)=						
				(B)=	(E)=						
				(C)=	(F)=						
No.	Lev.	Parts No.	Description	Q'ty							I R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129795-02411	BUSH, CAMSHAFT	1							
2	1	129150-02450	BEARING, THRUST	1							
3	1	26106-080162	BOLT, M8X 16 PLATED	2							

Fig.7. BREATHER

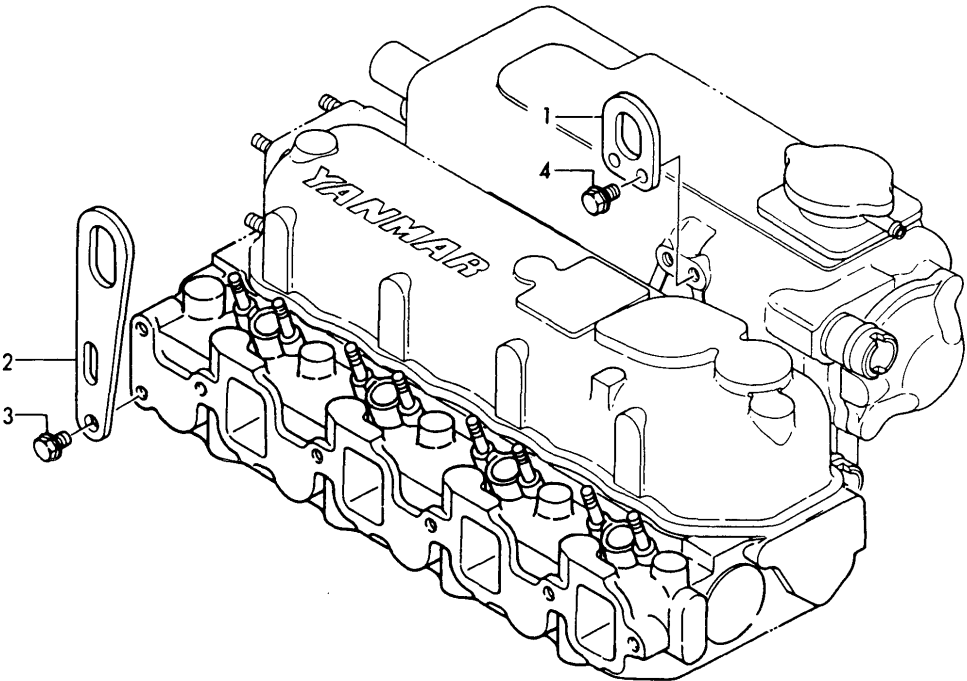
Fig.7 ブリーザ
BREATHER



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	129470-03010	COVER, BREATHER	1							
2	2	129150-03070	BAFFLE, BREATHER	1							
3	2	121750-03080	PLATE, BAFFLE	1							
4	2	24341-000530	O-RING, 1AS53.0	1							
5	2	26106-080202	BOLT, M8X 20 PLATED	1							
6	2	26106-080402	BOLT, M8X 40 PLATED	1							
7	1	23000-016000	CLAMP, 16	1							
8	1	23000-025000	CLAMP, 25	1							
9	1	23297-160081	CLAMP, A16X 8	1							
10	1	129472-03090	PIPE , BREATHER	1							

Fig.8. ENGINE LIFTER

Fig. 8 ツリアゲカナグ
ENGINE LIFTER



OCR10-M20200 Fig.8

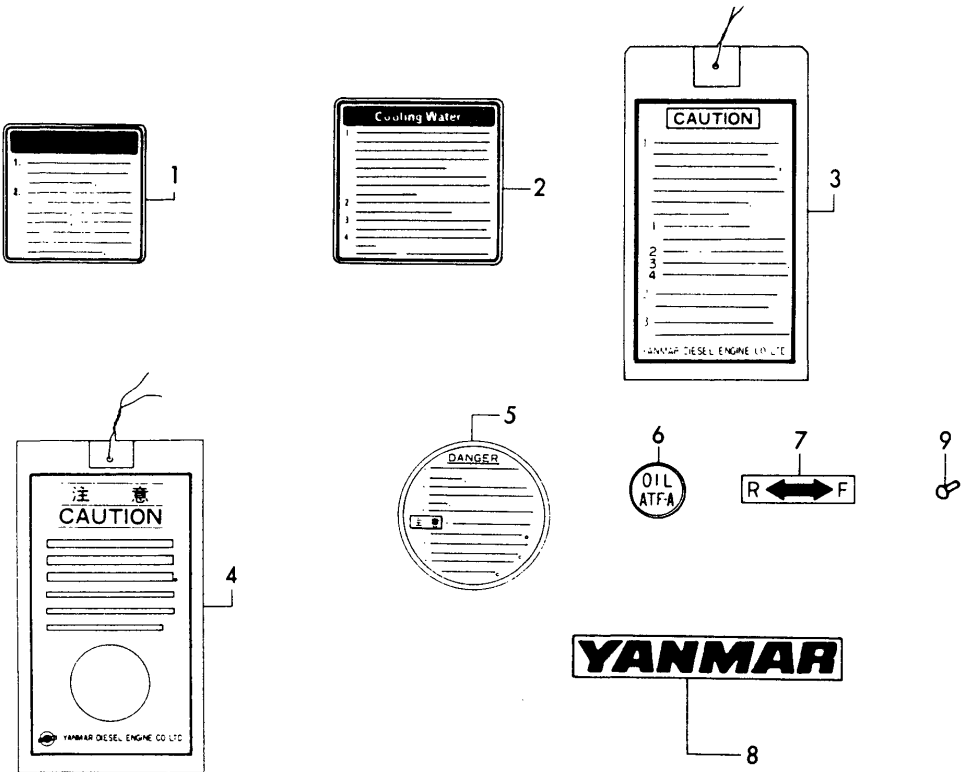
(A)=4JH-DTE
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129470-07230	LIFTER	1							
2	1	124736-07900	LIFTER	1							
3	1	26106-080142	BOLT, M8X 14 PLATED	2							
4	1	26106-080162	BOLT, M8X 16 PLATED	2							

Fig.9. LABELS

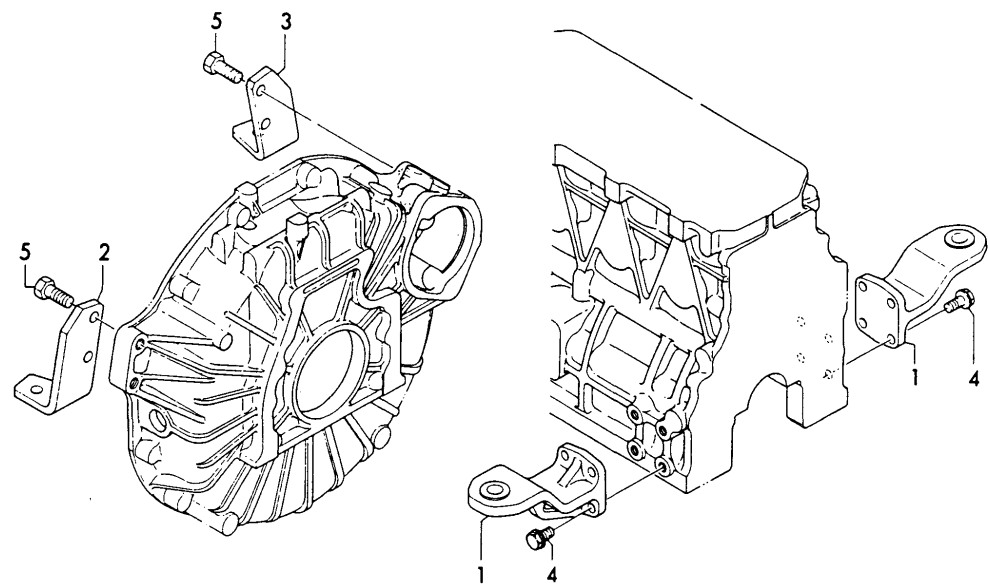
Fig.9 メイバン
LABELS



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	135665-07210	LABEL, WATER PUMP	1							
2	1	127611-07350	LABEL	1							
3	1	126630-07370	LABEL	1							
4	1	123682-07850	LABEL, CAUTION	1							
5	1	120445-44620	LABEL, CAUTION	1							
6	1	177075-02550	LABEL	1							
7	1	177088-02430	LABEL	1							
8	1	42220-008960	LABEL, YANMAR	1							
9	1	102210-07990	RIVET	6							

Fig.10. ENGINE BRACKET

Fig.10 マウンティングフット
ENGINE BRACKET



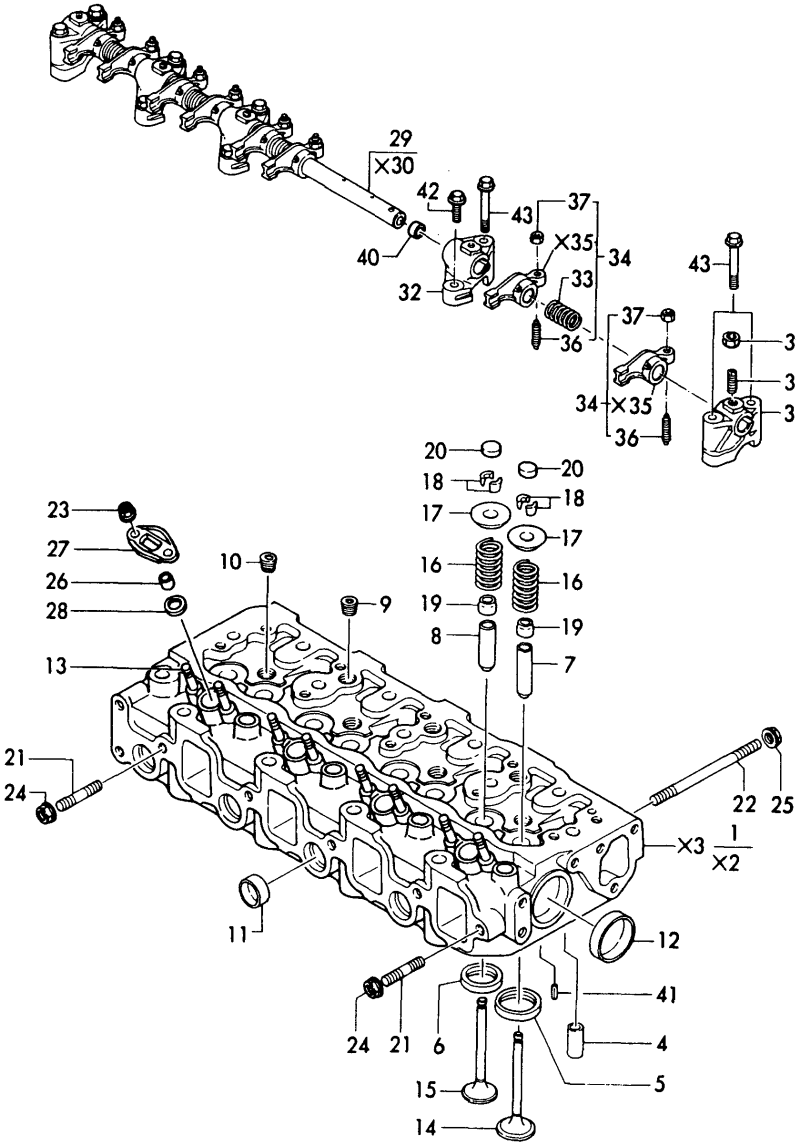
(A)=4JH-DTE
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-08100	FOOT	2							
2	1	129470-08110	FOOT	1							
3	1	129470-08120	FOOT	1							
4	1	26106-100202	BOLT, M10X 20 PLATED	8							
5	1	26116-120302	BOLT, M12X 30 PLATED	4							

Fig.11. CYLINDER HEAD

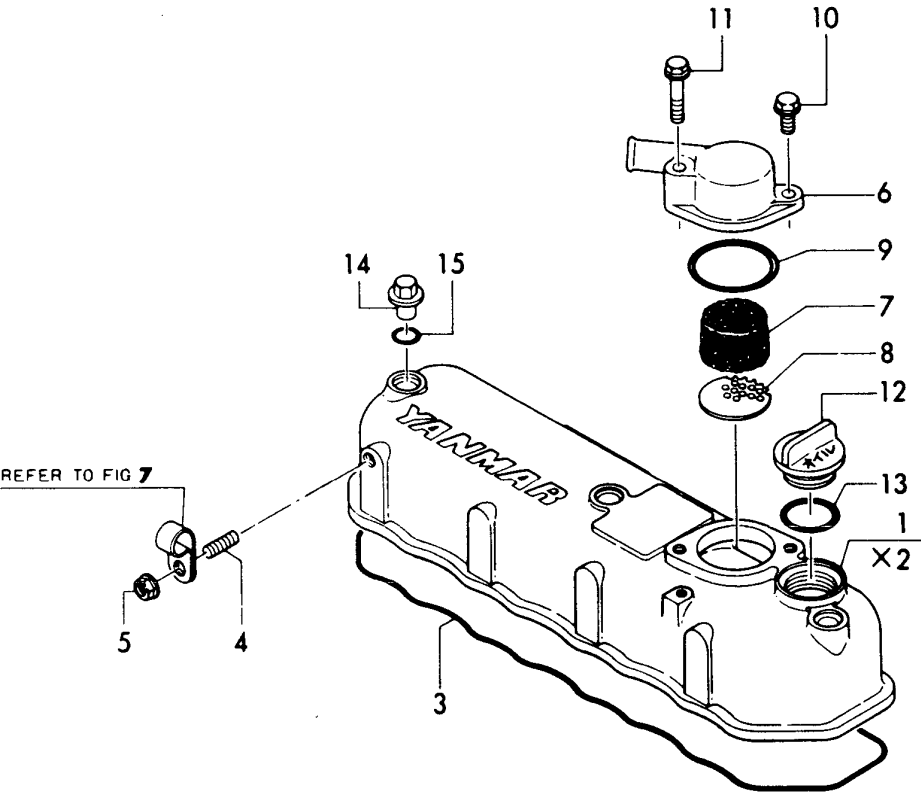
Fig. 11 シリンダヘッド
CYLINDER HEAD



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729474-11701	HEAD ASSY, CYLINDER	1							
4	3	129150-11050	PIECE	4							
5	3	129470-11080	SEAT, INTAKE VALVE	4							
6	3	129470-11090	SEAT, EXHAUST VALVE	4							
7	3	120130-11160	GUIDE, VALVE	4							
8	3	129150-11170	GUIDE, VALVE	4							
9	3	121850-11860	PLUG, PT1/4	3							
10	3	23871-030000	PLUG, R03	4							
11	3	27241-220000	PLUG, 22	4							
12	3	27241-400000	PLUG, 40	2							
13	3	26216-060202	STUD, M6X 20	8							
14	2	129100-11100	VALVE, INTAKE	4							
15	2	129100-11110	VALVE, EXHAUST	4							
16	2	129795-11120	SPRING, VALVE	8							
17	2	129795-11180	RETAINER, SPRING	8							
18	2	103338-11190	COTTER	8							
19	2	121400-11340	SEAL, VALVE STEM	8							
20	2	129150-11370	CAP, VALVE	8							
21	2	26216-080222	STUD, M8X 22	2							
22	2	26216-081002	STUD, M8X100	2							
23	2	26367-060002	NUT, M6	8							
24	2	*REF. 13=11	NUT M 8	2							
25	2	*REF. 32=21	NUT M 8	2							
26	1	119625-11870	PROTECTOR, NOZZLE	4							
27	1	119625-11900	RETAINER, NOZZLE	4							
28	1	119625-11880	SEAT, NOZZLE	4							
29	1	129550-11240	SHAFT ASSY, ROCKER	1							
31	2	129150-11260	SUPPORT, ROCKER ARM	2							
32	2	129150-11270	SUPPORT, ROCKER ARM	3							
33	2	129150-11280	SPRING	4							
34	2	729150-11650	ARM ASSY, ROCKER	8							
36	3	129150-11230	SCREW, VALVE ADJUST	8							
37	3	129150-11750	NUT, M8	8							
38	2	26226-080182	STUD, M8X 18	3							
39	2	26756-080002	NUT, LOCK M8	3							
40	2	27241-100000	PLUG, 10	2							
41	1	22351-060012	PIN, SPRING 6.0X12	2							
42	1	26106-080252	BOLT, M8X 25 PLATED	3							
43	1	26106-080502	BOLT, M8X 50 PLATED	7							

Fig.12. BONNET

Fig. 12 ベンワンシツ
BONNET



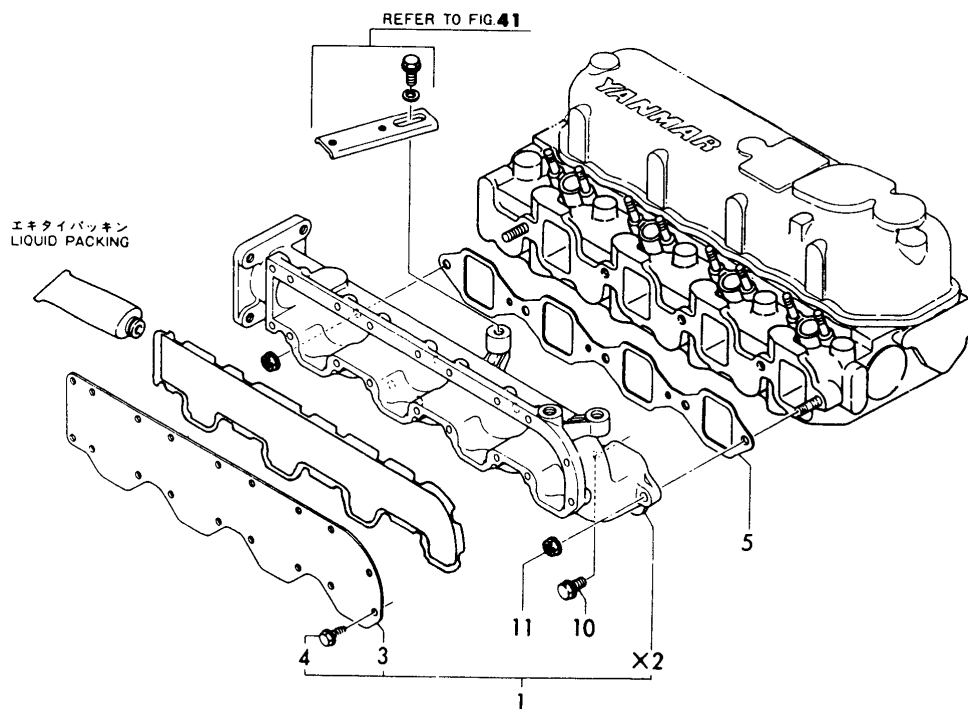
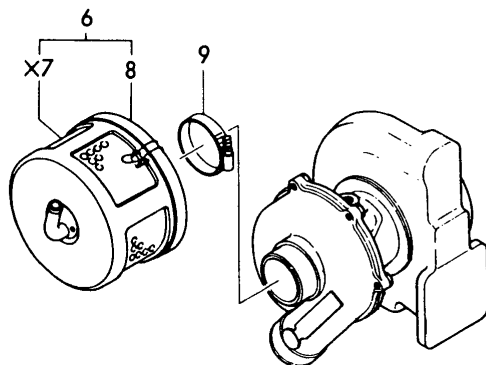
Remarks
(1)Include No.5, 6, 7, 19, 20, 21, 22, 23.

OCR10-M20200 Fig.12											
				(A)=4JH-DTE	(D)=						
				(B)=	(E)=						
				(C)=	(F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729470-11520	BONNET ASSY, HEAD	1							
3	2	129550-11310	GASKET, BONNET	1							
4	2	121850-01910	STUD, M8X12	1							
5	2	26366-080002	NUT, M8	1							
6	2	*REF. 7=1	COVER,BREATHER	1							
7	2	*REF. 7=2	BAFFLE	1							
8	2	*REF. 7=3	PLATE	1							
9	2	*REF. 7=4	O-RING 1A S53.0	1							
10	2	*REF. 7=5	BOLT M 8X20	1							
11	2	*REF. 7=6	BOLT M 8X40	1							
12	1	124160-01751	COVER, FILLER	1							
13	1	24311-000320	O-RING, 1AP32.0	1							
14	1	124160-11360	KNOB	3							
15	1	24311-000120	O-RING, 1AP12.0	3							

(A)=4JH-DTE
(B)=
(C)=

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

Fig. **13** キュウキマニホールド
SUCTION MANIFOLD



No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	129470-12100	MANIFOLD ASSY,INTAKE	1					
3	2	129470-12120	COVER, MANIFOLD	1					
4	2	26476-060142	SCREW, TAPPING M6X14	18					
5	1	129550-12110	GASKET, MANIFOLD	1					
6	1	129470-12300	SILENCER ASSY	1					
8	2	129470-12320	PLATE	1					
9	1	23000-054000	CLAMP, 54	1					
10	1	26106-080202	BOLT, M8X 20 PLATED	3					
11	1	26366-080002	NUT, M8	2					

(A)=4JH-DTE
(B)=
(C)=

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

Fig. 14 ミキシングエルボ
MIXING ELBOW

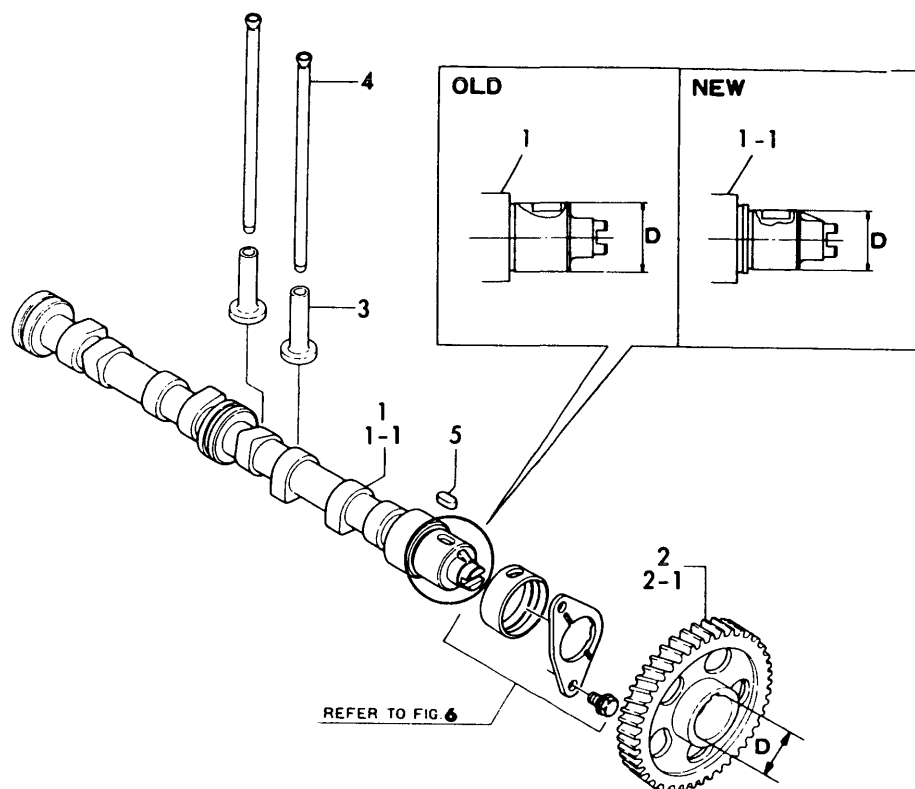


N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.15. CAMSHAFT

Fig. **15** カムシャフト
CAMSHAFT



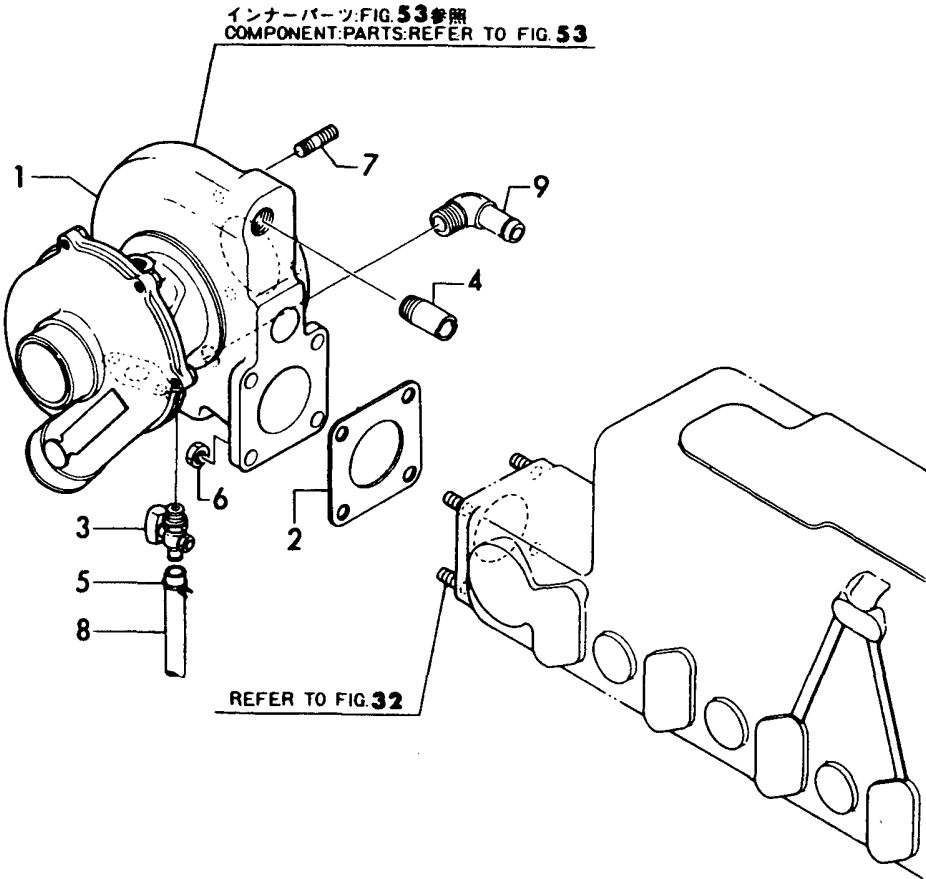
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129472-14010	CAMSHAFT	1							
1-1	1	129472-14011	CAMSHAFT	1							F A
		(A=X)									
2	1	129150-14100	GEAR, CAMSHAFT	1							
2-1	1	129150-14101	GEAR, CAMSHAFT	1							S
		(A=X)									
3	1	129150-14200	TAPPET	8							
4	1	129150-14400	ROD, PUSH L=178	8							
5	1	22512-070140	KEY, 7X 14	1							

Remarks
A) INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.2-1(GEAR).

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

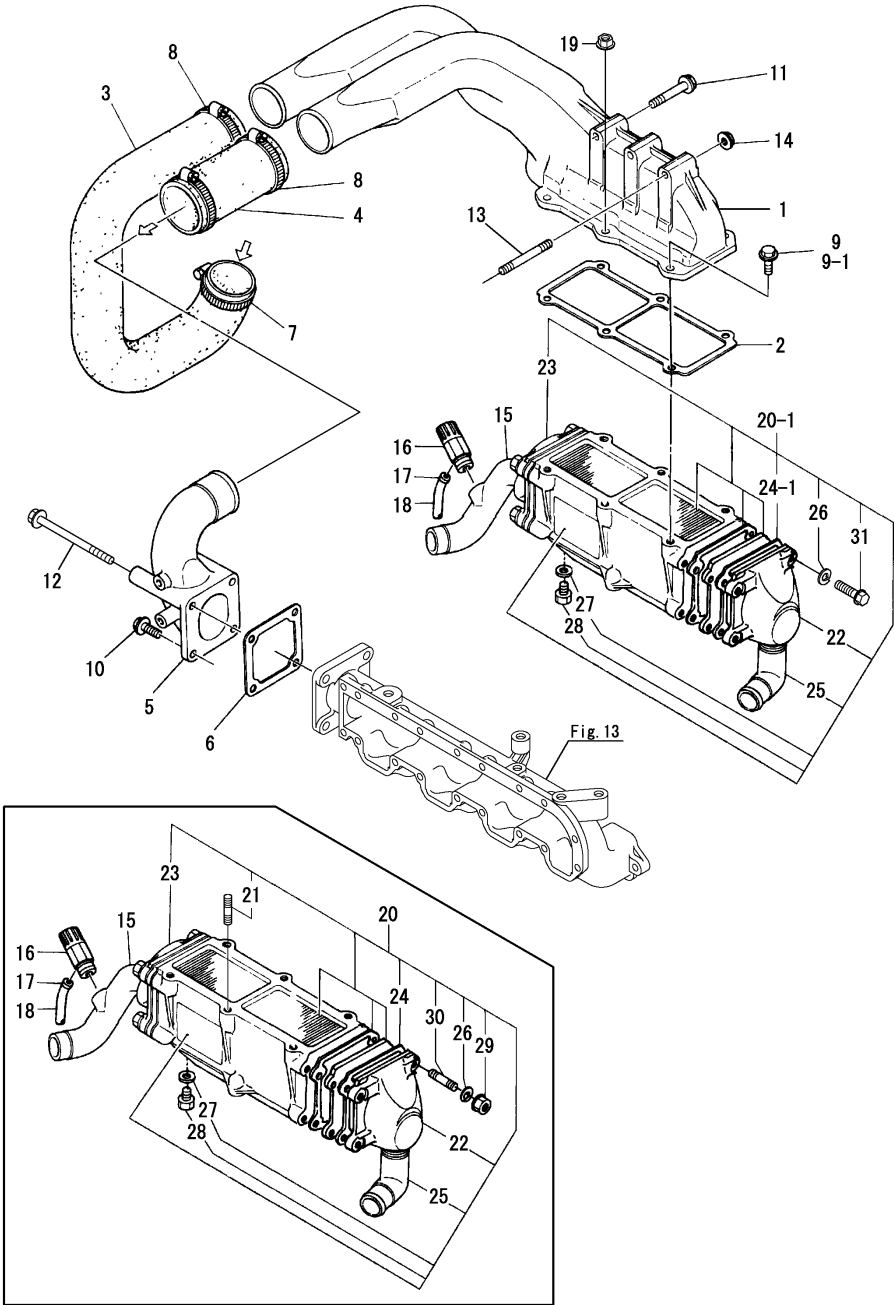
Fig.16. TURBOCHARGER

Fig. 16 タービン
TURBOCHARGER



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129473-18000	TURBINE, RHB52HW	1							
1-1	1	129474-18001	TURBINE, RHB52HW	1							N
(A=E30946)											
2	1	129792-18090	GASKET	1							
3	1	128695-44090	COCK	1							
4	1	129474-44480	JOINT	1							
5	1	124460-77680	RETAINER	1							
6	1	26703-080002	NUT, M8	4							
7	1	26213-080182	STUD, M8X 18	3							
8	1	23061-070300	PIPE, 7X 300	1							
9	1	128270-13620	JOINT, PIPE PT3/8	1							

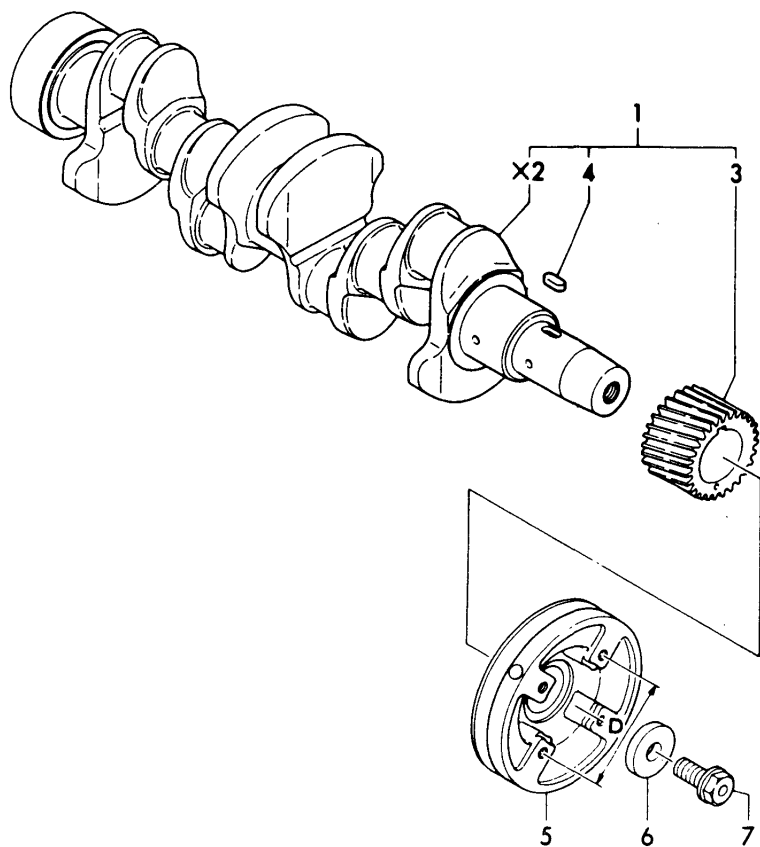
Fig.17. INTER COOLER



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129474-18110	DUCT, AIR	1							
2	1	129474-18120	GASKET	1							
3	1	129474-18130	HOSE, AIR DUCT	1							
4	1	129474-18140	HOSE, RUBBER	1							
5	1	129474-18150	BEND	1							
6	1	129150-77510	GASKET	1							
7	1	23000-060000	CLAMP, 60	1							
8	1	23000-070000	CLAMP, 70	3							
9	1	26106-080202	BOLT, M8X 20 PLATED	4							
9-1	1	26106-080202	BOLT, M8X 20 PLATED	6							K
(A=*1986.10.)											
10	1	26106-080202	BOLT, M8X 20 PLATED	2							
11	1	26106-080502	BOLT, M8X 50 PLATED	1							
12	1	26106-080952	BOLT, M8X 95 PLATED	2							
13	1	26226-080502	STUD, M8X 50	2							
14	1	26366-080002	NUT, M8	2							
15	1	129474-49020	BEND	1							
16	1	120130-49350	COCK, 1/4	1							
17	1	124460-77680	RETAINER	1							
18	1	23061-070300	PIPE, 7X 300	1							
19	1	26366-080002	NUT, M8	2							Z
(A=*1986.10.)											
20	1	129473-18100	COOLER ASSY, INTER	1							
20-1	1	129473-18101	COOLER ASSY, INTER	1							N
(A=*1986.10.)											
21	2	121850-01920	STUD, 2D8X22	2							Z
(A=*1986.10.)											
22	2	129474-18220	TANK(A)	1							
23	2	129474-18230	TANK(B)	1							
24	2	129474-18240	GASKET	2							
24-1	2	129474-18241	GASKET	2							Q
(A=*1986.10.)											
25	2	123325-49490	ELBOW	1							
26	2	22217-080000	WASHER, SPRING 8	8							
27	2	23414-130000	GASKET, 13X1.0	1							
28	2	23894-020002	PLUG, G1/4	1							
29	2	26366-080002	NUT, M8	8							Z
(A=*1986.10.)											
30	2	X3916003482	STUD M6	8							Z
(A=*1986.10.)											
31	2	26013-080302	BOLT, M8X 30	8							W
(A=*1986.10.)											

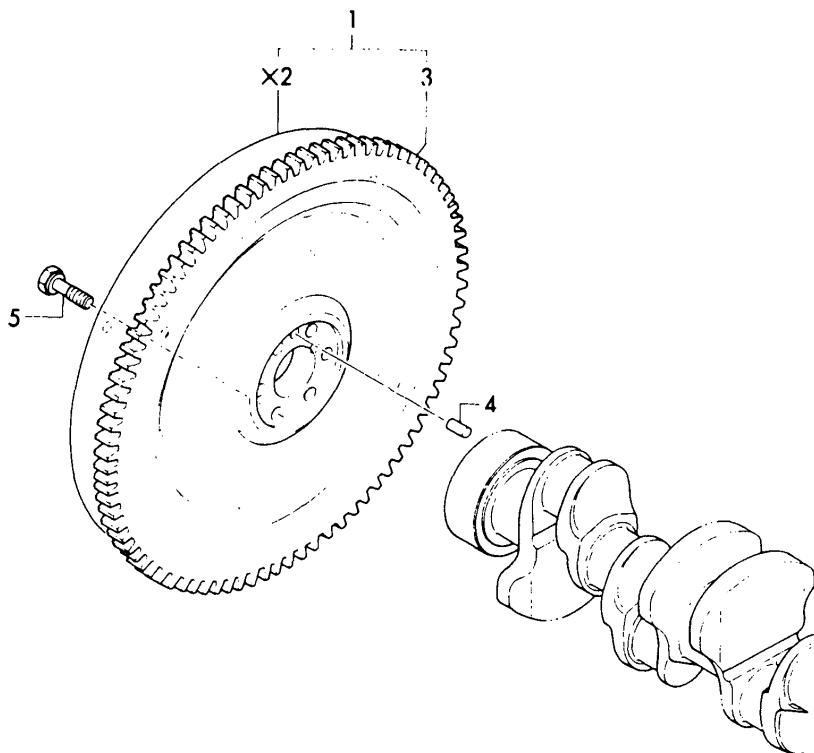
Fig.18. CRANKSHAFT

Fig. 18 クランクシャフト
CRANKSHAFT



No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	129474-21000	CRANKSHAFT ASSY	1					
3	2	129150-21200	GEAR, CRANKSHAFT	1					
4	2	22512-070140	KEY, 7X 14	1					
5	1	129470-21650	V-PULLEY, 82.5	1					
6	1	129795-21661	WASHER	1					
7	1	121850-21680	BOLT	1					

Fig.19. FLYWHEEL



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-21590	FLYWHEEL ASSY	1							
3	2	124550-21600	GEAR, RING	1							
4	1	22312-080160	PIN, PARALLEL M8X16	1							
5	1	121111-21501	BOLT, FLYWHEEL	6							

(A)=4JH-DTE
(B)=
(C)=

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

This diagram shows an exploded perspective view of a container assembly. The main components are labeled as follows:

- 1**: A bracket indicating the upper ring assembly, which includes three stacked rings labeled **X4**, **X5**, and **X6**.
- 2**: The main cylindrical container body, which features a handle on the side and a lid with a central knob.
- 3**: A bracket indicating the lower ring assembly, which includes a ring labeled **X2**.
- 7**: A cylindrical component, likely a filter or a plug, positioned below the main body.
- 8**: Two small, ring-like components, one positioned to the left of the main body and one to the right of the cylindrical component **7**.

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129474-22000	PISTON ASSY	4							
3	2	729470-22500	RING SET, PISTON	4							
7	1	129150-22300	PIN, PISTON D26 L66	4							
8	1	121100-22400	CIRCLIP	8							

(A)=4JH-DTE
(B)=
(C)=

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

This diagram shows an exploded view of a mechanical assembly. The components are labeled with numbers and quantities:

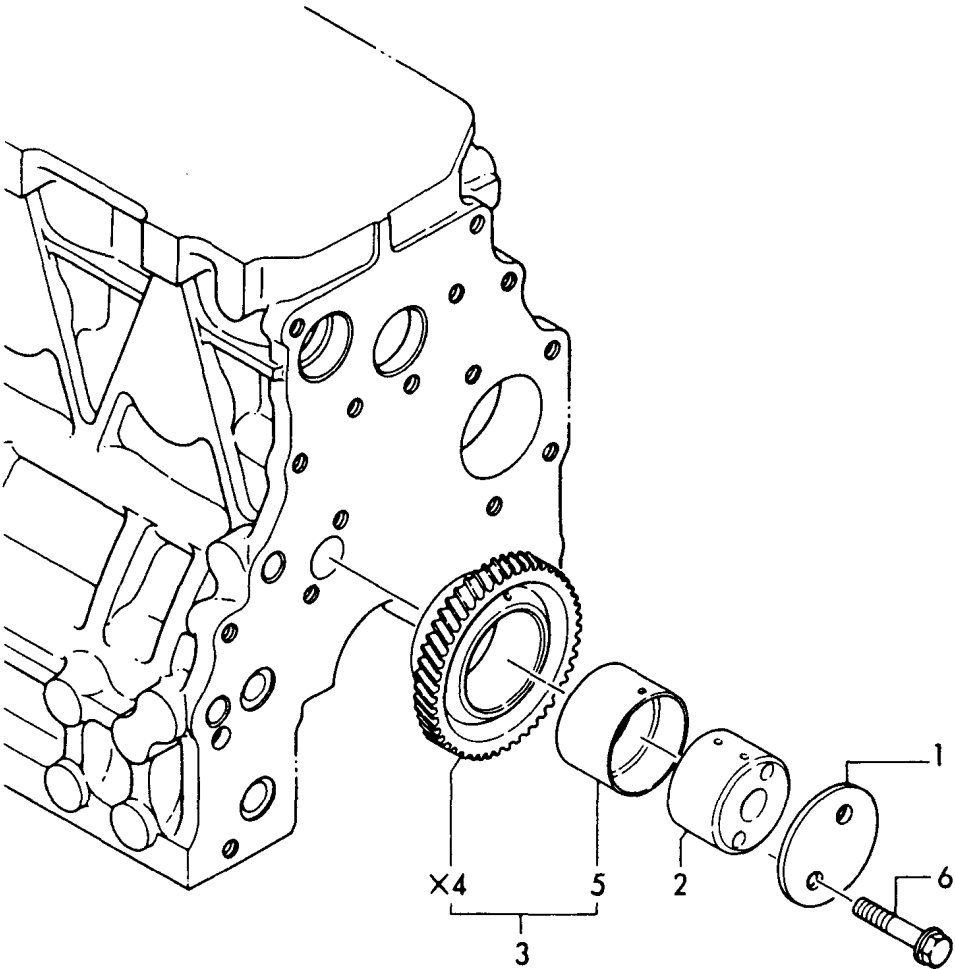
- 3**: A cylindrical cap or plug, shown at the top right.
- 5**: A bracket indicating two curved, semi-circular components, each labeled **X6**.
- 4**: A rectangular base plate, shown at the bottom right.
- X2**: A bracket indicating two vertical support structures, each consisting of a curved arm and a base flange.

The diagram illustrates the relative positions and assembly sequence of these parts, with dashed lines indicating alignment and fit.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729150-23701	ROD ASSY, CONNECTING	4							
3	2	129100-23100	BEARING, PISTON PIN	4							
4	2	121550-23200	BOLT, CONNECTING ROD	8							
5	2	729150-23600	BEARING, CRANK PIN	4							

Fig.22. IDLE GEAR

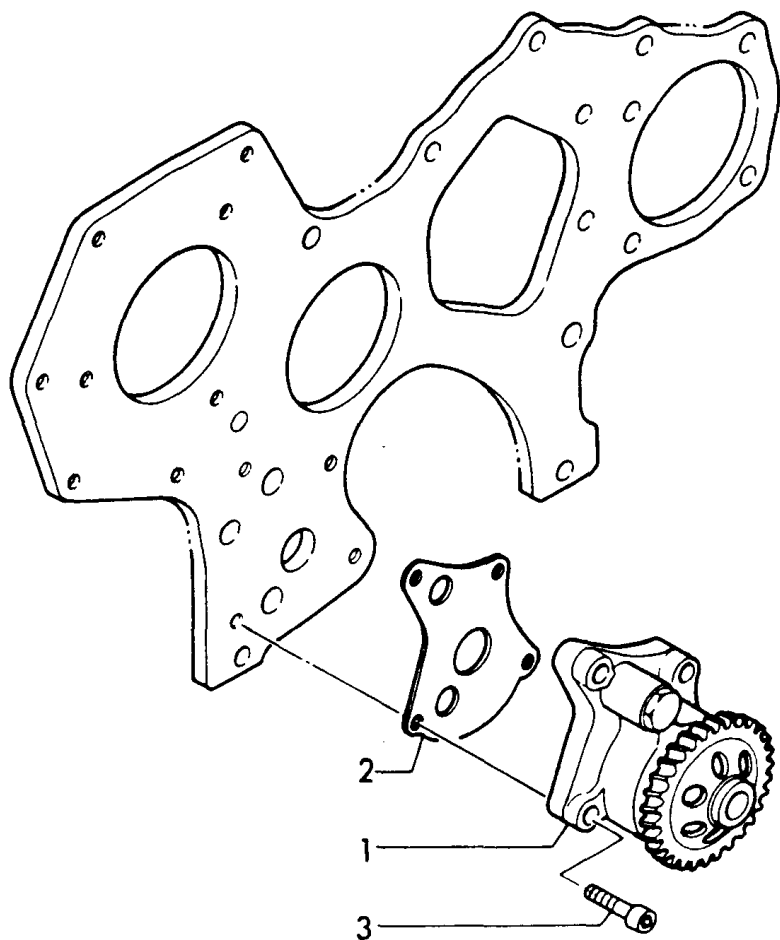
Fig.22 アイドルギヤ
IDLE GEAR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-25020	RETAINER	1							
2	1	129150-25055	SHAFT, IDLE	1							
3	1	129150-25100	GEAR ASSY, IDLE	1							
5	2	129150-25065	BUSH, IDLE GEAR	1							
6	1	26106-080452	BOLT, M8X 45 PLATED	2							

Fig.23. LUB.OIL PUMP

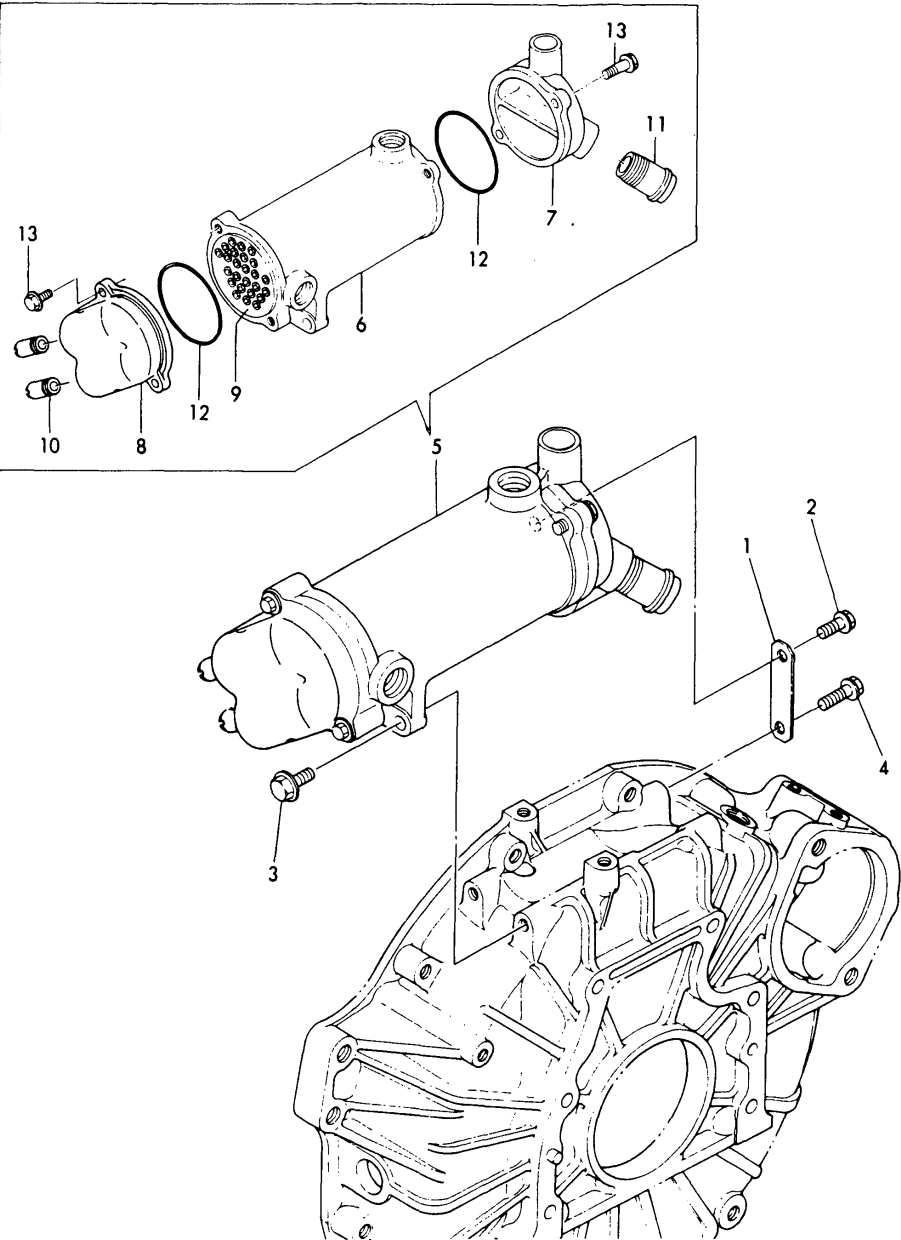
Fig. 23 LOポンプ
LUB. OIL PUMP



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129553-32000	PUMP ASSY, OIL	1							
2	1	129150-32020	GASKET, PUMP	1							
3	1	26450-060252	BOLT, M6X 25	4							

Fig.24. LUB.OIL COOLER

Fig.24 **24** ロクーラ
LUB. OIL COOLER

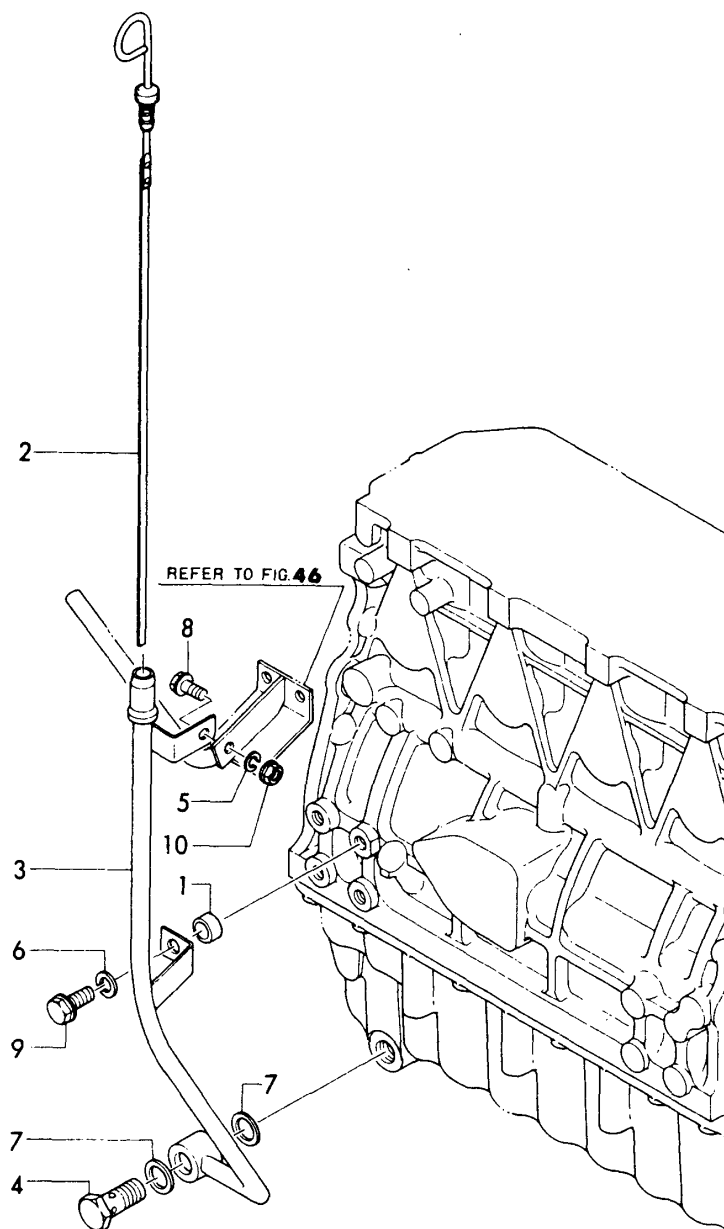


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129474-33500	RETAINER	1							
2	1	26106-080142	BOLT, M8X 14 PLATED	1							
3	1	26106-080162	BOLT, M8X 16 PLATED	2							
4	1	26106-080252	BOLT, M8X 25 PLATED	1							
5	1	129474-33000	COOLER ASSY, OIL	1							
6	2	129474-33010	BODY, OIL COOLER	1							
7	2	129474-33020	COVER, A	1							
8	2	129474-33030	COVER, B	1							
9	2	129474-33040	CORE ASSY, COOLER	1							
10	2	104271-49060	JOINT, PIPE	2							
11	2	123325-49421	JOINT, PIPE	1							
12	2	24321-000750	O-RING, 1AG75.0	2							
13	2	26106-080252	BOLT, M8X 25 PLATED	4							

Fig.25. LUB.OIL DIPSTICK

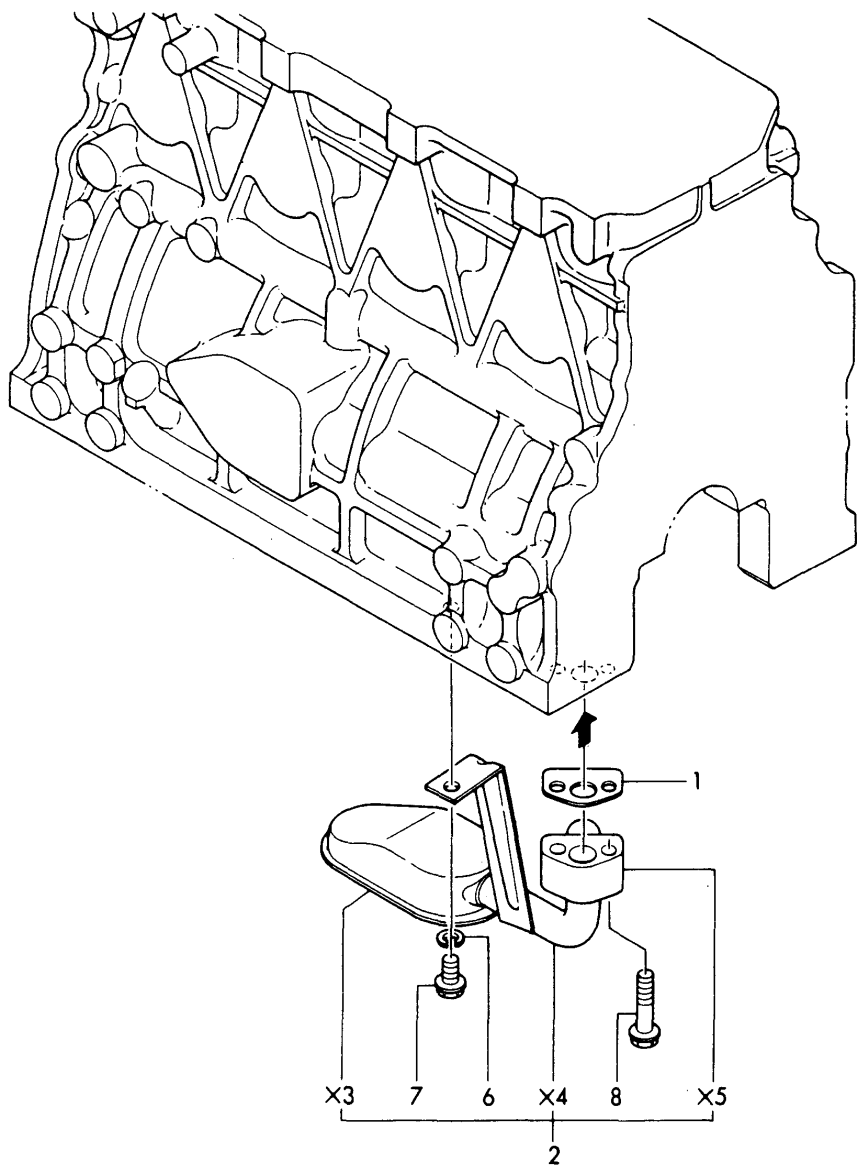
(D)=
(E)=
(F)=

Fig. **25** ケンユボウ
LUB. OIL DIPSTICK



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129301-34830	SPACER	1							
2	1	129470-34850	DIPSTICK, OIL	1							
3	1	129470-34860	GUIDE, DIPSTICK	1							
4	1	104214-39720	BOLT	1							
5	1	22217-080000	WASHER, SPRING 8	1							
6	1	22217-100000	WASHER, SPRING 10	1							
7	1	23414-160000	GASKET, 16X1.0	2							
8	1	26106-080162	BOLT, M8X 16 PLATED	1							
9	1	26106-100252	BOLT, M10X 25 PLATED	1							
10	1	26366-080002	NUT, M8	1							

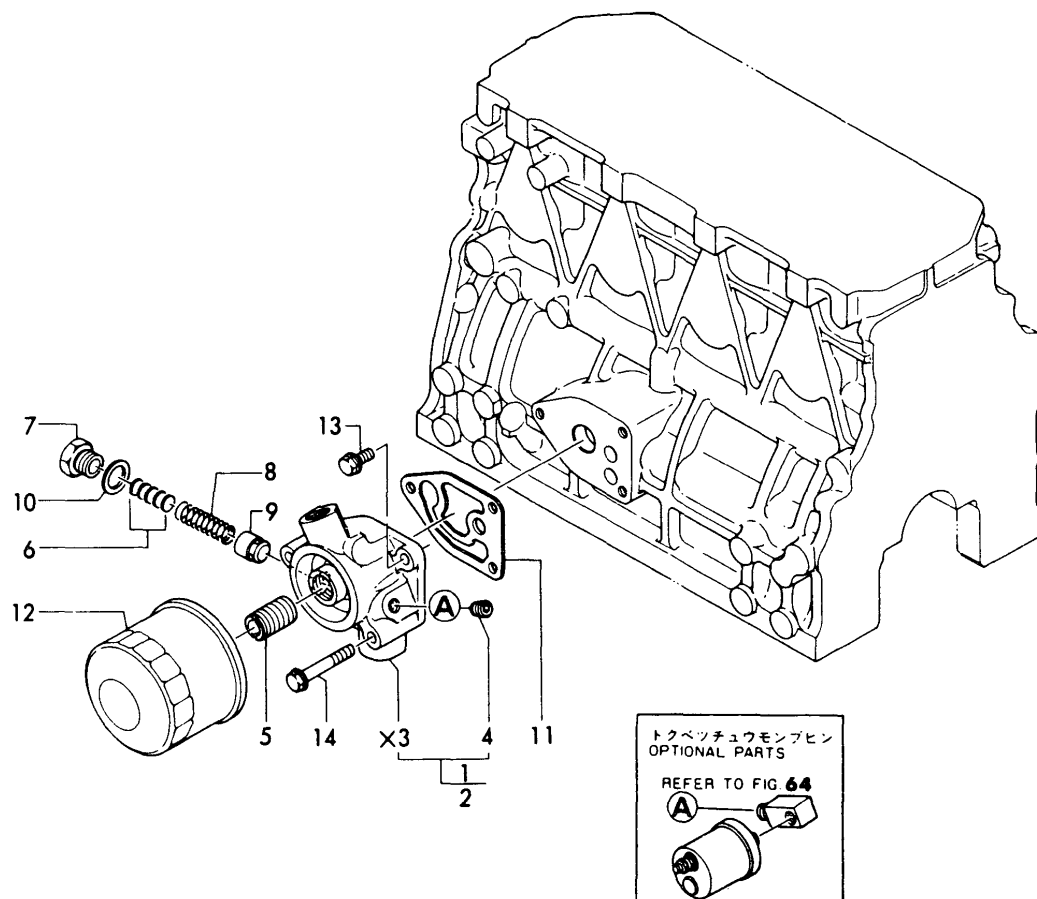
Fig. **26** キュウニュウパイプ
LUB. OIL SUCTION PIPE



No.	Lev.	Parts No.	Description	(A)=4JH-DTE		(D)=		(E)=		I	R
				(B)=	(C)=	(C)	(D)	(E)	(F)		
1	1	129150-35040	GASKET			1					
2	1	129470-35090	PIPE ASSY, OIL INLET			1					
6	1	22217-080000	WASHER, SPRING 8			1					
7	1	26106-080142	BOLT, M8X 14 PLATED			1					
8	1	26106-080352	BOLT, M8X 35 PLATED			2					

Fig.27. LUB.OIL STRAINER

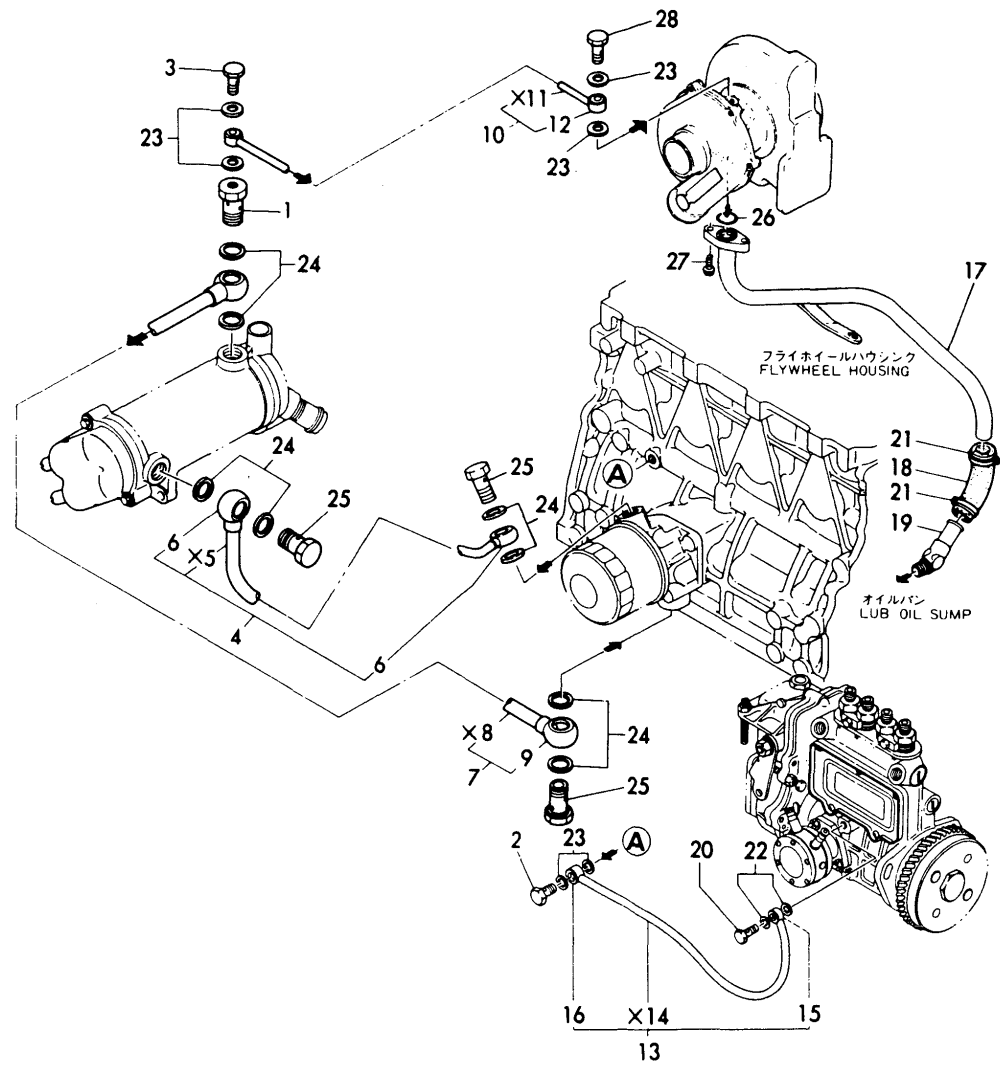
Fig. **27** LO フィルタ
LUB. OIL STRAINER



				(A)=4JH-DTE (B)= (C)=					(D)= (E)= (F)=				
No.	Lev.	Parts No.	Description	Q'ty							I	R	
				(A)	(B)	(C)	(D)	(E)	(F)				
1	1	129470-35100	BRACKET ASSY, FILTER	1									
2	2	129470-35130	BRACKET ASSY	1									
4	3	23871-020000	PLUG, R02	1									
5	2	129100-35140	STUD	1									
6	2	121850-35200	SHIM SET	1									
7	2	124223-35510	RETAINER, SPRING	1									
8	2	121850-35520	SPRING	1									
9	2	121850-35531	VALVE, CONTROL	1									
10	2	23414-180000	GASKET, 18X1.0	1									
11	1	129470-35120	GASKET	1									
12	1	129150-35150	FILTER 90X80L	1									
13	1	26106-080202	BOLT, M8X 20 PLATED	1									
14	1	26106-080552	BOLT, M8X 55 PLATED	2									

Fig.28. LUB.OIL PIPE

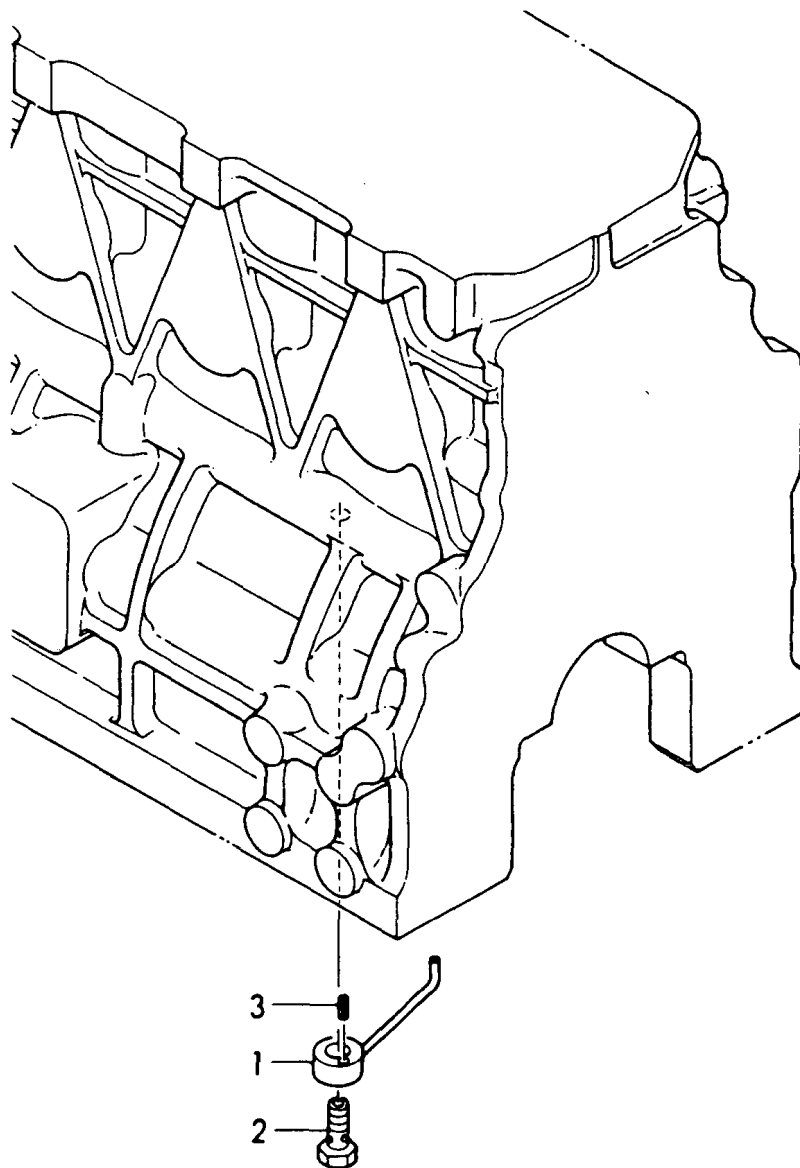
Fig.28 LOパイプ
LUB. OIL LINES



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129472-39020	BOLT, M20XM10	1							
2	1	124160-39140	BOLT, PIPE JOINT M10	1							
3	1	121252-39150	BOLT, JOINT M10X1.5	1							
4	1	129474-39200	PIPE ASSY, OIL	1							
6	2	23341-150000	JOINT, PIPE 15-20	2							
7	1	129474-39300	PIPE ASSY, OIL	1							
9	2	23341-150000	JOINT, PIPE 15-20	2							
10	1	129474-39450	PIPE ASSY, OIL	1							
12	2	129553-39190	JOINT	2							
13	1	129550-39450	PIPE ASSY, OIL	1							
15	2	129150-39150	JOINT	1							
16	2	129150-39180	JOINT	1							
17	1	129472-39600	PIPE, OIL	1							
18	1	129792-39610	JOINT, RUBBER	1							
19	1	129472-39620	ELBOW, PT3/8	1							
20	1	124550-59820	BOLT, PIPE JOINT M8	1							
21	1	23000-025000	CLAMP, 25	2							
22	1	43400-500410	SEAL WASHER 8S	2							
23	1	23414-100000	GASKET, 10X1.0	6							
24	1	23414-200000	GASKET, 20X1.0	8							
25	1	23857-150000	BOLT, JOINT 15	3							
26	1	24314-000180	O-RING, 4CP18.0	1							
27	1	26106-060162	BOLT, M6X 16 PLATED	2							
28	1	124413-39710	BOLT, PIPE JOINT M10	1							

Fig.29. PISTON JET

Fig. **29** ピストンジェット
PISTON JET



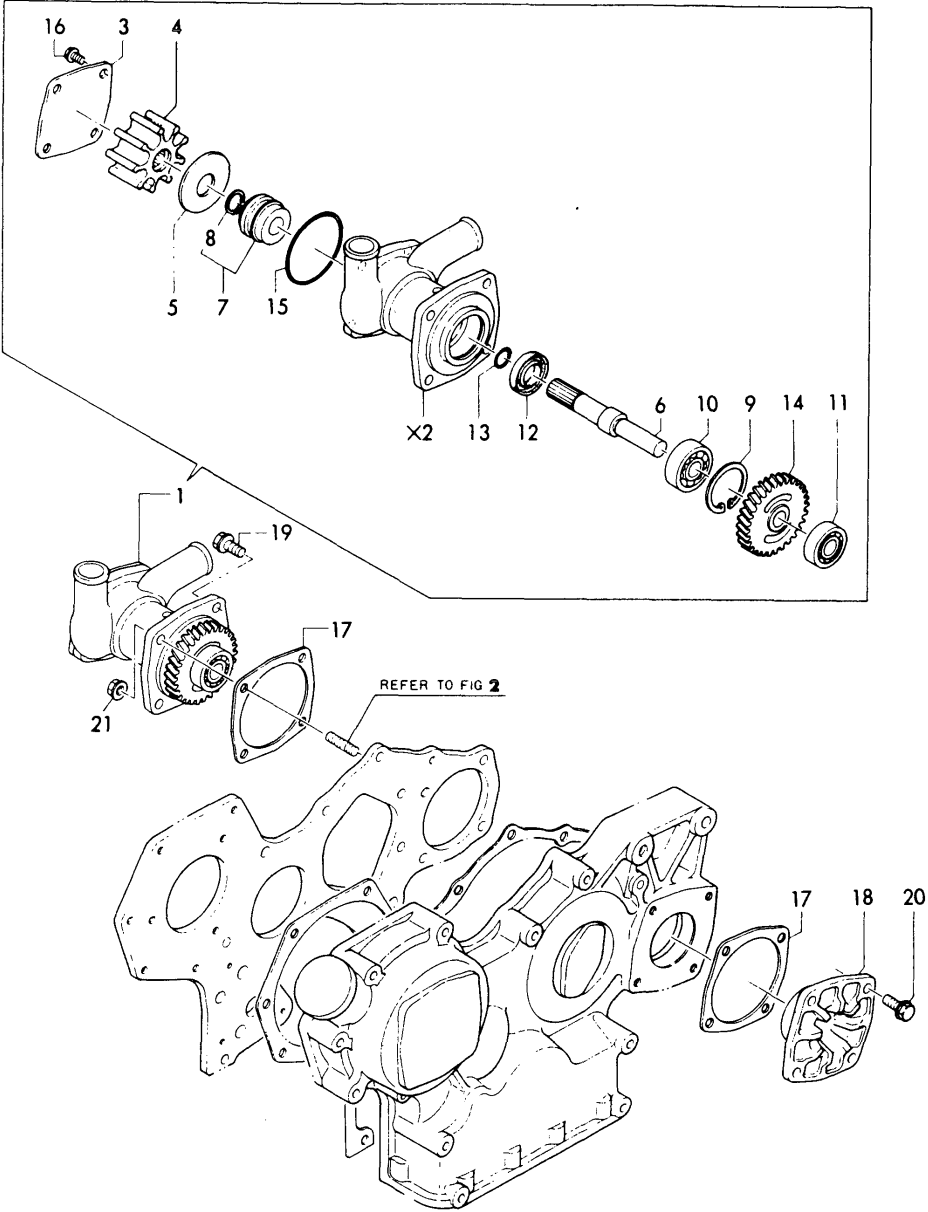
No.	Lev.	Parts No.	Description	(A)= (B)= (C)=	(D)= (E)= (F)=
1	1	129553-39650	NOZZLE	4	
2	1	23857-030000	BOLT, JOINT 3	4	
3	1	22351-030010	PIN, SPRING 3.0X10	4	

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

(A)=4JH-DTE
(B)=
(C)=

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

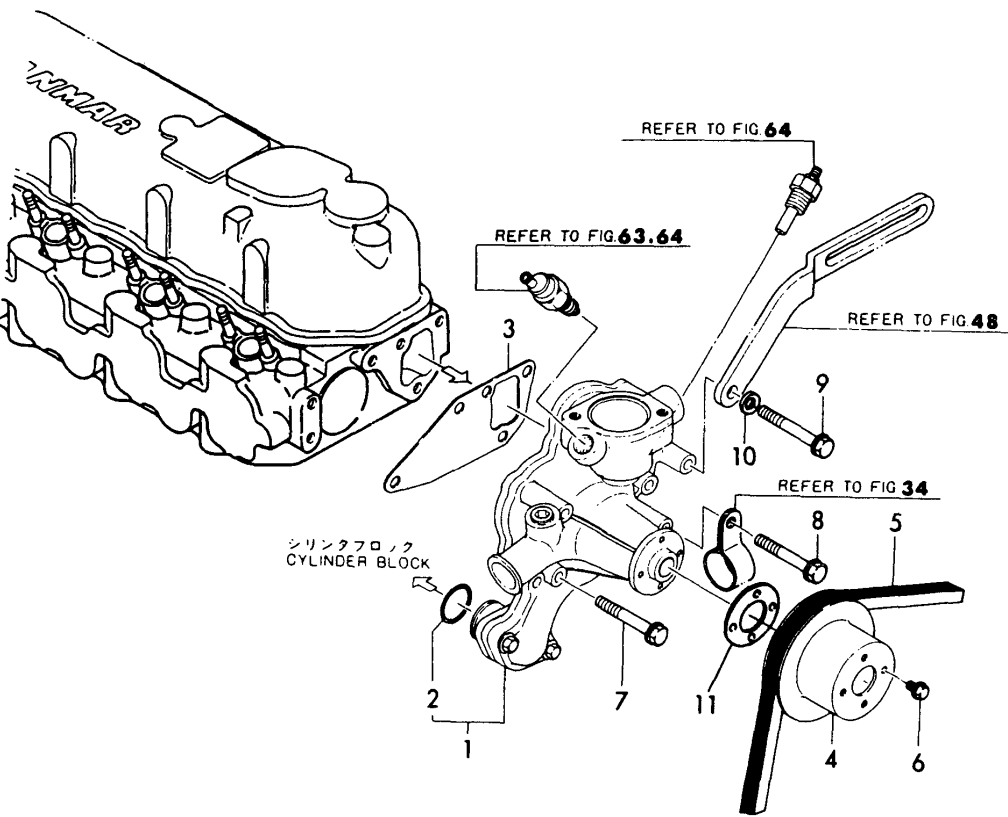
Fig.30 カイスイポンプ
COOLING SEA WATER PUMP



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-42500	PUMP ASSY, WATER	1							
3	2	129470-42520	COVER	1							
4	2	129470-42530	IMPELLER	1							
5	2	129470-42540	PLATE	1							
6	2	129470-42550	SHAFT	1							
7	2	129795-42670	SEAL	1							
8	3	145410-46190	CIRCLIP	1							
9	2	22252-000420	RING, 42	1							
10	2	24101-063024	BEARING, BALL 6302	1							
11	2	24101-062024	BEARING, BALL 6202	1							
12	2	24421-203508	SEAL, OIL TC203508	1							
13	2	24311-000150	O-RING, 1AP15.0	1							
14	2	129470-42700	GEAR	1							
15	2	24341-000600	O-RING, 1AS60.0	1							
16	2	26203-060102	BOLT, M6X 10 PLATED	4							
17	1	129150-01880	GASKET	2							
17-1	1	129470-01880	GASKET, GEAR CASE	2							R
(A=*1988.10)											
17-2	1	129150-01881	GASKET	2							R
(A=*1991.03)											
18	1	129470-42800	RETAINER	1							
19	1	26106-080162	BOLT, M8X 16 PLATED	3							
20	1	26106-080202	BOLT, M8X 20 PLATED	4							
21	1	26366-080002	NUT, M8	1							

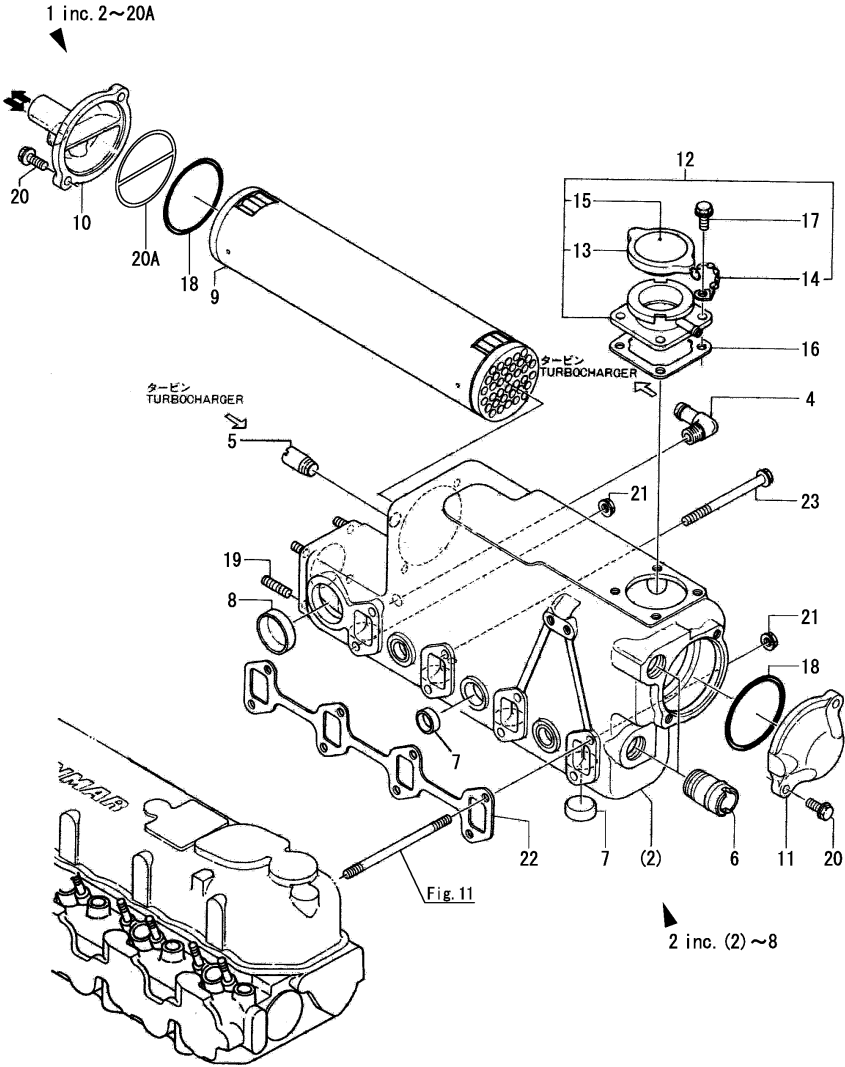
Fig.31. COOLING FRESH WATER PUMP

Fig. **31** セイスイポンプ
COOLING FRESH WATER PUMP



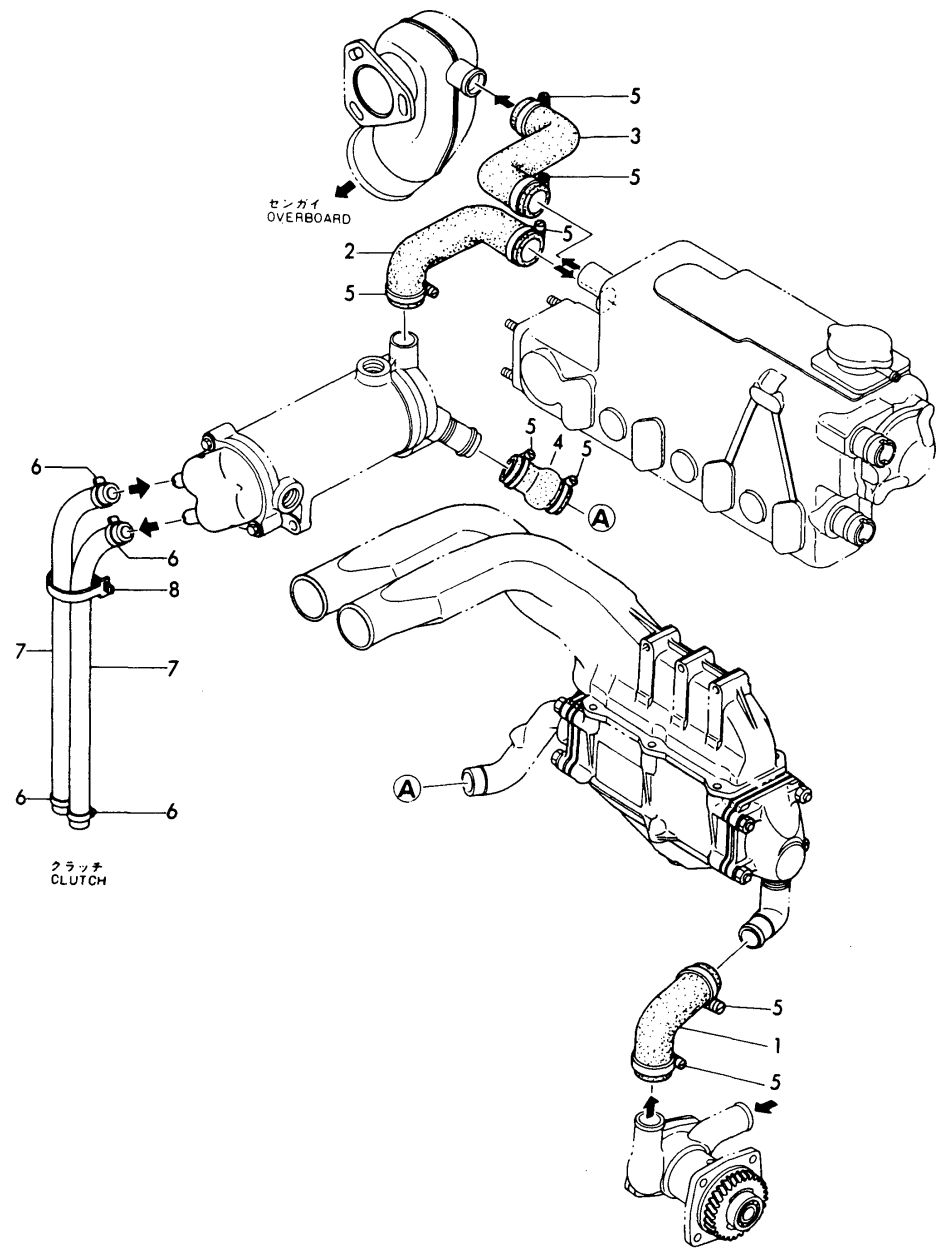
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-42000	PUMP ASSY, WATER	1							
2	2	129150-42320	O-RING	1							
3	1	129150-42020	GASKET, WATER PUMP	1							
4	1	129550-42350	V-PULLEY, D=120	1							
5	1	25132-004600	V-BELT, A46	1							
6	1	26106-060102	BOLT, M6X 10 PLATED	4							
7	1	26106-080552	BOLT, M8X 55 PLATED	2							
8	1	26106-080552	BOLT, M8X 55 PLATED	1							
9	1	26106-080652	BOLT, M8X 65 PLATED	1							
10	1	22217-080000	WASHER, SPRING 8	1							
11	1	129156-44760	WASHER	1							

Fig.32. COOLING FRESH WATER COOLER



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729473-44500	COOLER ASSY, WATER	1							
2	2	129474-44000	BODY ASSY, COOLER	1							
4	3	128270-13620	JOINT, PIPE PT3/8	1							
5	3	129474-44480	JOINT	1							
6	3	124160-49480	JOINT, PIPE	2							
7	3	27241-280000	PLUG, 28	7							
8	3	27241-400000	PLUG, 40	1							
9	2	129473-44110	CORE ASSY, COOLER	1							
10	2	129470-44440	COVER, A	1							
11	2	129470-44450	COVER, B	1							
12	2	120445-44600	FILLER ASSY	1							
13	3	123682-44210	CAP, RADIATOR	1							
14	3	123682-44220	CHAIN	1							
15	3	120445-44620	LABEL, CAUTION	1							
16	2	120445-44640	GASKET	1							
17	2	26106-080142	BOLT, M8X 14 PLATED	4							
18	2	24321-000750	O-RING, 1AG75.0	2							
19	2	26213-080182	STUD, M8X 18	4							
20	2	26106-080252	BOLT, M8X 25 PLATED	4							
20A	2	120322-33050	GASKET	1							W
(A=EXXXXX)											
21	1	26366-080002	NUT, M8	2							
22	1	129550-13110	GASKET	1							
23	1	26106-081002	BOLT, M8X100 PLATED	6							

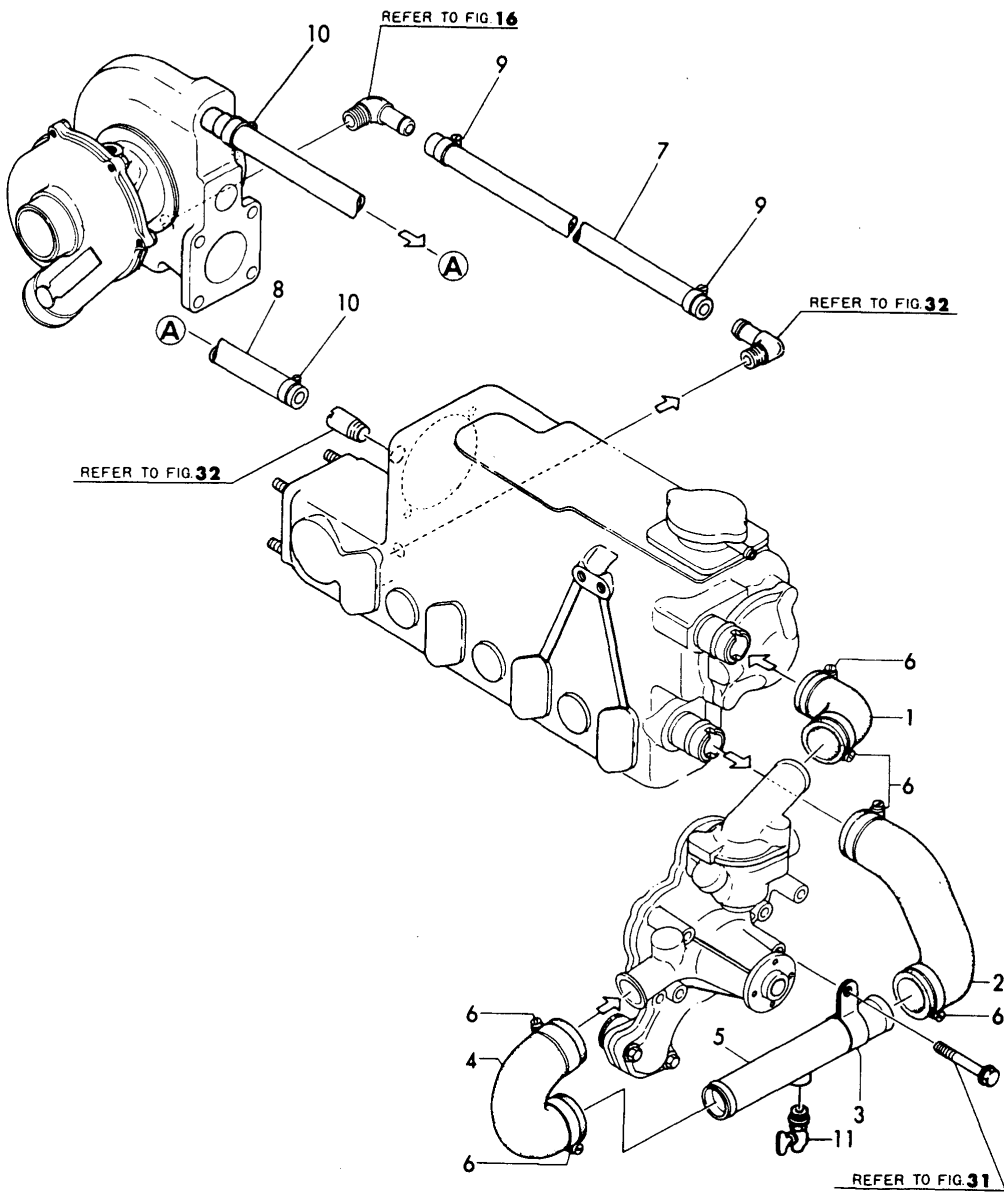
Fig.33 CWパイプ(カイスイ)
COOLING SEA WATER LINES



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129474-49010	PIPE, WATER	1							
2	1	129474-49030	PIPE, WATER	1							
3	1	129472-49050	PIPE, WATER	1							
4	1	129474-49110	JOINT, RUBBER	1							
5	1	23000-035000	CLAMP, 35	8							
6	1	23000-022000	CLAMP, 22	4							
7	1	23072-040300	HOSE, 4X 300	2							

Fig.34. COOLING FRESH WATER PIPE

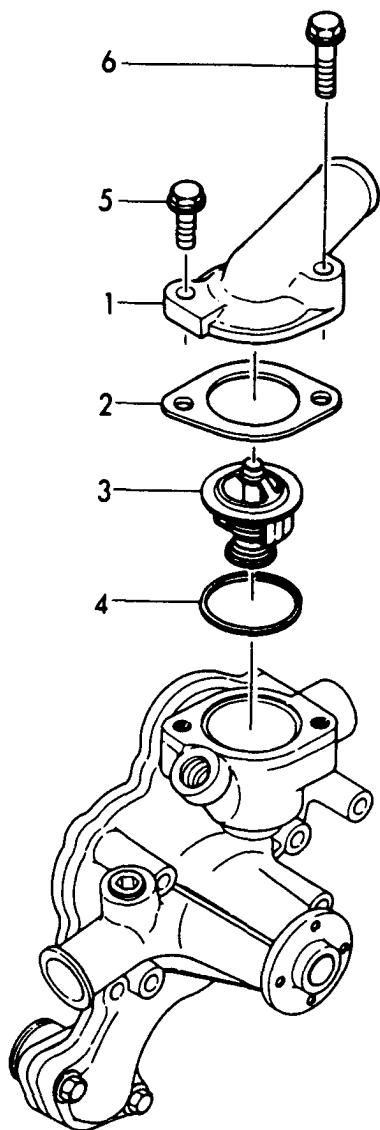
Fig.34 CWパイプ(セイスイ)
COOLING FRESH WATER LINES



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-49260	JOINT, RUBBER	1							
2	1	129470-49200	JOINT, RUBBER	1							
3	1	129470-49220	RETAINER	1							
4	1	129470-49240	JOINT, RUBBER 28	1							
5	1	129470-49250	PIPE, WATER	1							
6	1	23000-041000	CLAMP, 41	6							
7	1	129474-49300	PIPE, WATER	1							
8	1	129474-49320	PIPE, WATER	1							
9	1	23000-022000	CLAMP, 22	2							
10	1	23000-025000	CLAMP, 25	2							
11	1	128695-44090	COCK	1							

(A)=4JH-DTE
(B)=
(C)=

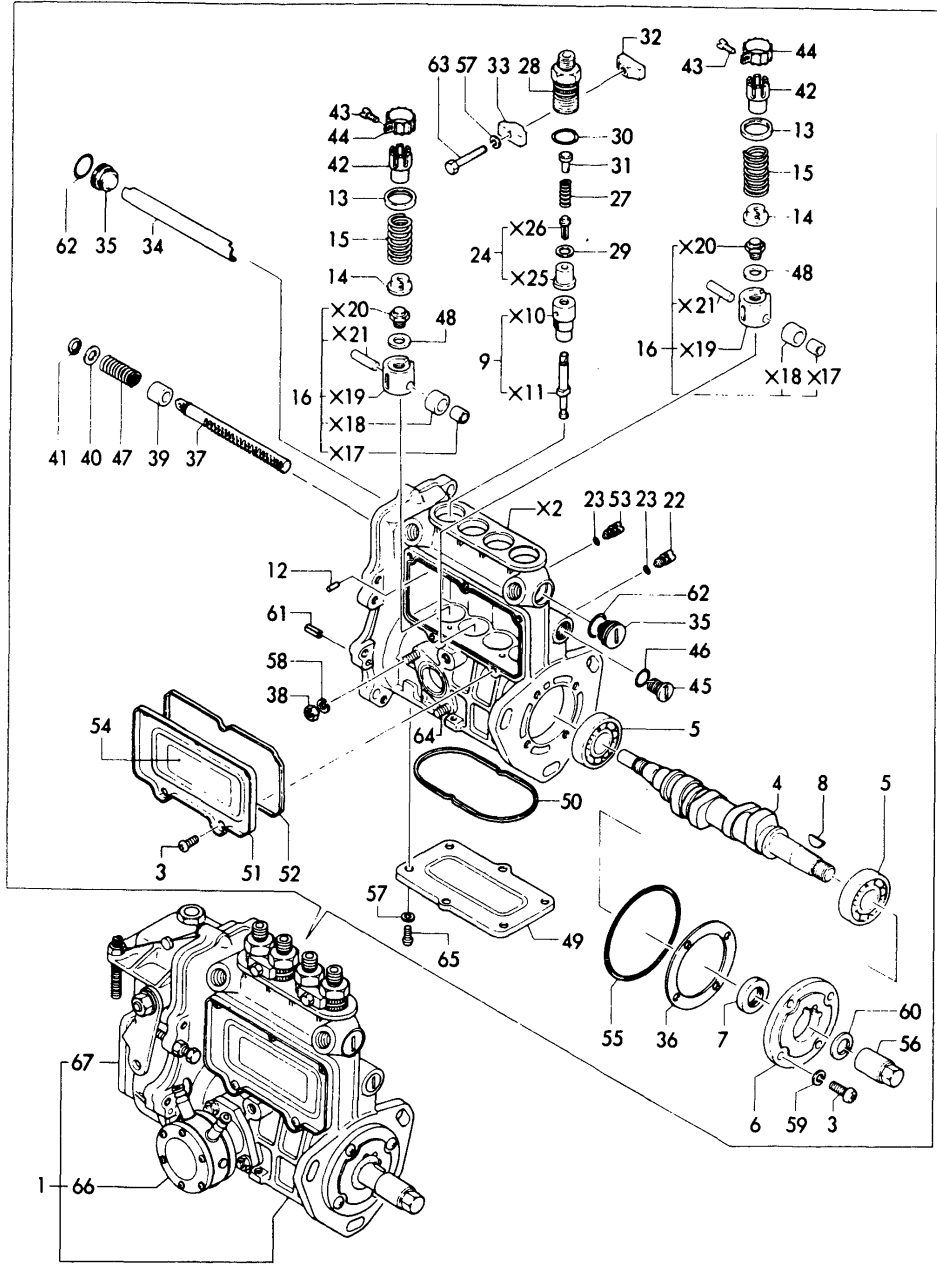
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-49540	COVER, THERMOSTAT	1							
2	1	129795-49550	GASKET	1							
3	1	129470-49801	THERMOSTAT, 76.5	1							
4	1	129150-49810	GASKET, THERMOSTAT	1							
5	1	26106-080252	BOLT, M8X 25 PLATED	1							
6	1	26106-080352	BOLT, M8X 35 PLATED	1							

Fig.36. FUEL INJECTION PUMP

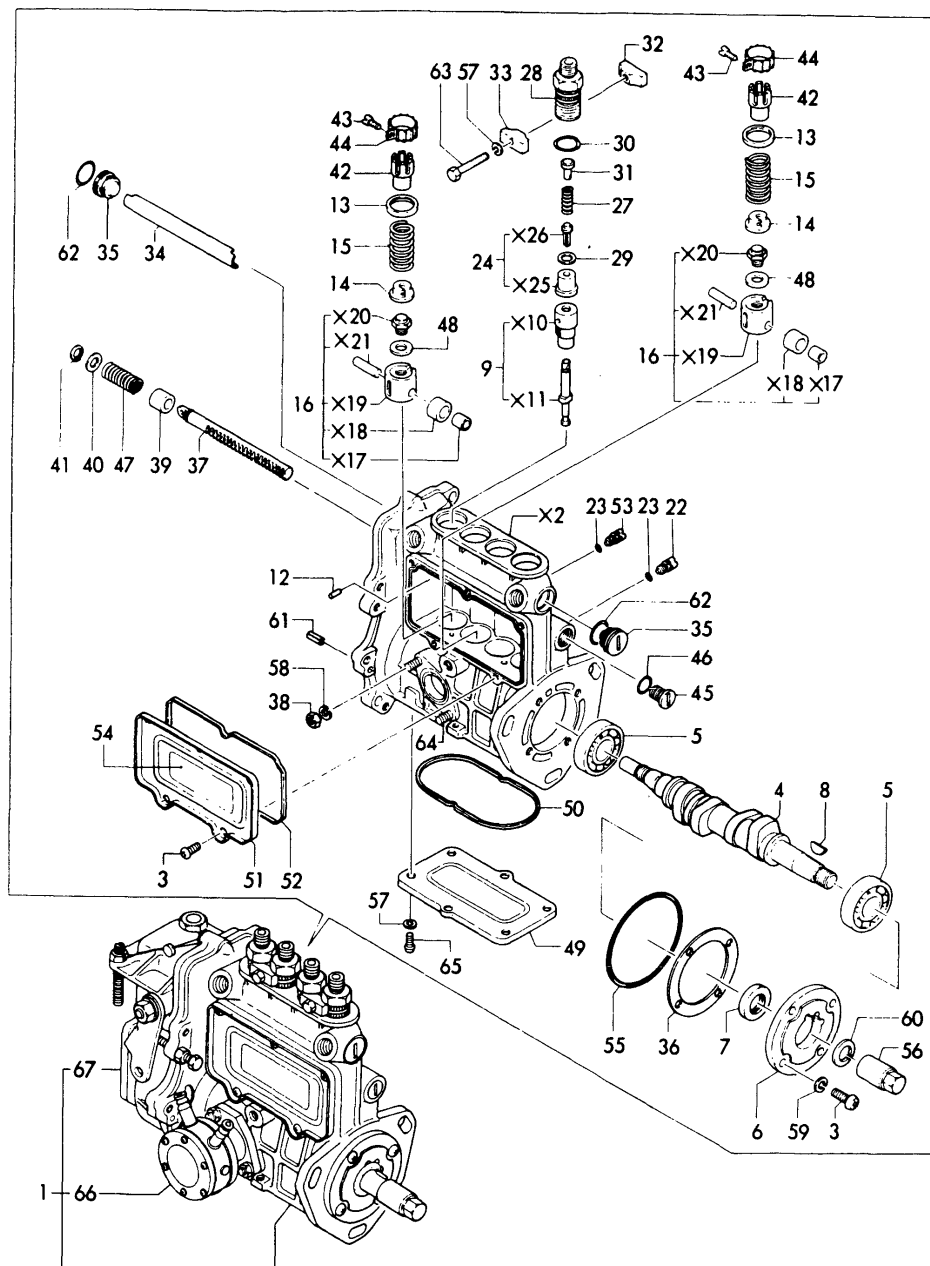
Fig. **36** FOフンシャポンプ
FUEL INJECTION PUMP



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729473-51350	PUMP ASSY, INJECTION	1							
3	2	26557-060162	SCREW M 6X 16	4							
4	2	129470-51040	CAMSHAFT	1							
5	2	122710-51050	BEARING, HR30203J	2							
6	2	129470-51060	RETAINER, BEARING	1							
7	2	129470-51080	SEAL, AF0741F0	1							
8	2	122710-51090	KEY	1							
9	2	129470-51101	PLUNGER ASSY	4							
12	2	129155-51140	PIN	4							
13	2	174307-51170	RETAINER, SPRING A	4							
14	2	129155-51180	RETAINER, SPRING	4							
15	2	124950-51190	SPRING, PLUNGER	4							
16	2	129155-51200	TAPPET ASSY	4							
22	2	129155-51270	STOPPER, TAPPET	4							
23	2	129155-51280	O-RING, S6	4							
24	2	129499-51300	VALVE ASSY, DELIVERY	4							
27	2	129155-51320	SPRING, DELIVERY	4							
28	2	129155-51340	RETAINER	4							
29	2	124550-51350	GASKET, DELIVERY	4							
30	2	124550-51370	O-RING	4							
31	2	129155-51370	STOPPER, VALVE	4							
32	2	129155-51380	STOPPER	2							
33	2	129155-51390	STOPPER	2							
34	2	129555-51400	DEFLECTOR	1							
35	2	129155-51410	BOLT	2							
36	2	129155-51450	SHIM SET, ADJUSTING	1							
37	2	129555-51500	RACK, CONTROL	1							
38	2	26716-060002	NUT, M6	2							
39	2	129155-51520	BUSH, RACK	1							
40	2	129155-51530	SPACER	1							
41	2	129155-51540	CIRCLIP	1							
42	2	129155-51550	PINION, CONTROL	4							
43	2	122117-51560	SCREW	4							
44	2	174307-51560	PINION	4							
45	2	129155-51570	PLUG, M12	1							
46	2	129155-51580	O-RING	1							
47	2	129155-51590	SPRING, RACK	1							
48	2	129155-51600	SHIM SET, ADJUSTING	1							
49	2	129555-51700	COVER	1							
50	2	129555-51710	GASKET	1							
51	2	129555-51750	COVER	1							
52	2	129555-51760	GASKET	1							
53	2	129155-51790	STOOPER, RACK	1							
54	2	129156-51910	LABEL, CAUTION	1							
55	2	121850-51960	O-RING	1							
56	2	121850-61380	NUT	1							
57	2	22217-050000	WASHER, SPRING 5	8							
58	2	22217-060000	WASHER, SPRING 6	2							
59	2	22287-060000	WASHER 6	4							
60	2	22287-120000	WASHER, 12	1							
61	2	22351-050010	PIN, SPRING 5.0X10	2							

Fig.36. FUEL INJECTION PUMP

Fig. **36** FOファンシャポンプ
FUEL INJECTION PUMP



No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
62	2	24341-000160	O-RING, 1AS16.0	2					
63	2	26116-050309	BOLT M 5X 30 PLATED	2					
64	2	26216-060142	STUD, M6X 14	2					
65	2	26557-050102	SCREW, M5X10	6					
66	2	*REF. 37	FUEL FEED PUMP	1					
67	2	*REF. 44	GOVERNOR	1					

(A)=4JH-DTE
(B)=
(C)=

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

1

2

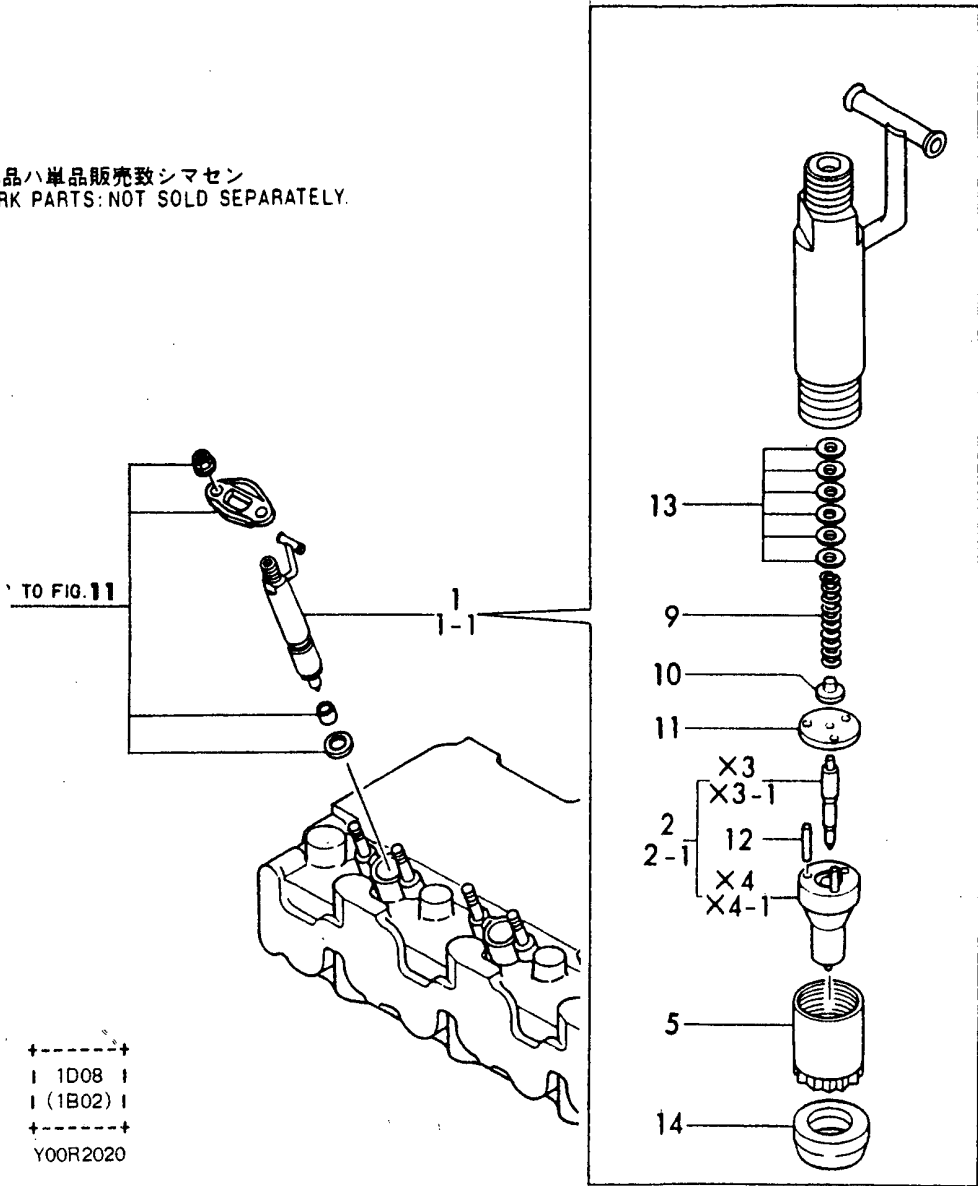
REFER TO FIG. 36

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	129158-52100	PUMP ASSY, FUEL FEED	1							
2	2	129155-52050	GASKET	1							

Fig.38. FUELINJECTION VALVE

Fig.38 FOフンシャベン
FUEL INJECTION VALVE

×印部品ハ単品販売致シマセン
X-MARK PARTS: NOT SOLD SEPARATELY.



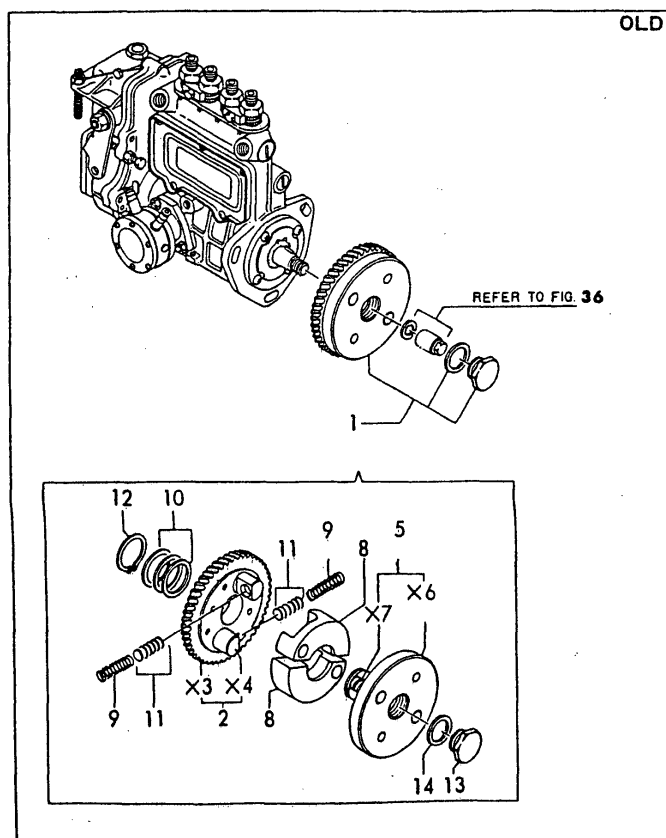
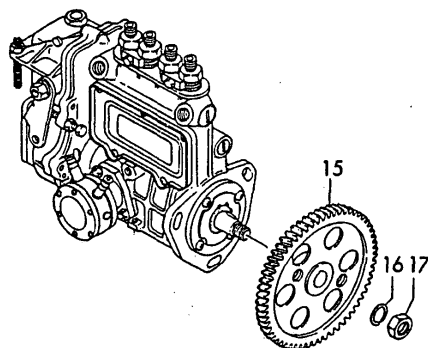
(A)=4JH-DTE
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729499-53102	VALVE ASSY,INJECTION	4							A
1-1	1	729595-53100	VALVE ASSY,INJECTION	4							N B
(A=*1986.12)											
2	2	129499-53002	VALVE ASSY,INJECTION	4							
2-1	2	129595-53000	VALVE ASSY,INJECTION	4							S
(A=*1986.12)											
5	2	114250-53080	NUT, NOZZLE D16.95	4							
9	2	114250-53120	SPRING, NOZZLE	4							
10	2	114250-53130	SEAT, SPRING	4							
11	2	114250-53140	PLATE	4							
12	2	114250-53210	PIN	8							
13	2	114250-53400	SHIM SET	4							
14	2	129470-11920	GASKET	4							W
(A=*1986.05)											

Fig.39. TIMER

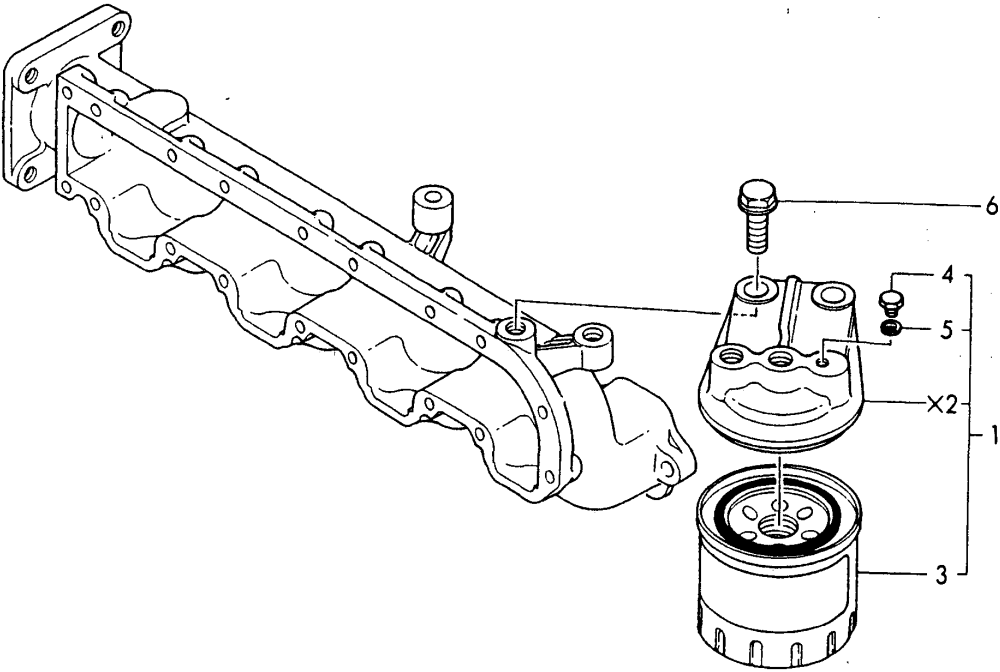
Fig. 39 タイマ
TIMER



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729499-54100 (A=E/#31394)	TIMER ASSY	1						Z	A
2	2	129470-54510 (A=E/#31394)	GEAR ASSY, TIMER	1						Z	
5	2	129499-54550 (A=E/#31394)	HUB ASSY, TIMER	1						Z	
8	2	129470-54650 (A=E/#31394)	WEIGHT, TIMER	2						Z	
9	2	129795-54800 (A=E/#31394)	SPRING, TIMER	2						Z	
10	2	119620-54900 (A=E/#31394)	SHIM SET	1						Z	
11	2	121850-54900 (A=E/#31394)	SHIM SET, SPRING	2						Z	
12	2	22242-000320 (A=E/#31394)	RING, 32	1						Z	
13	2	124410-54940 (A=E/#31394)	PLUG	1						Z	
14	2	23414-240031 (A=E/#31394)	GASKET, 24X1.0	1						Z	
15	1	129573-25900 (A=E/#31394)	GEAR, PUMP	1						W	
16	1	22217-120000 (A=E/#31394)	WASHER, SPRING 12	1						W	
17	1	26716-120002 (A=E/#31394)	NUT, M12	1						W	

Fig.40. FUEL STRAINER

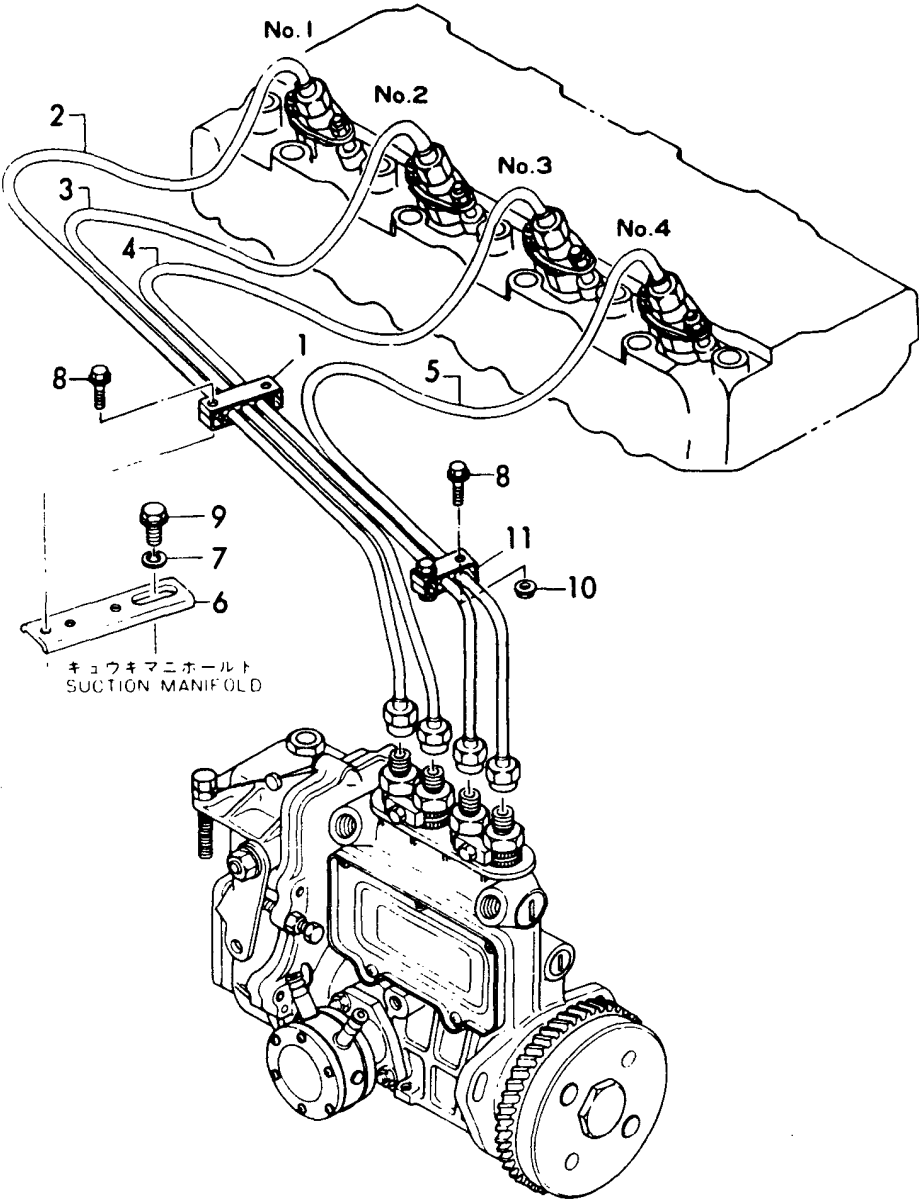
Fig. **40** FOフィルタ
FUEL STRAINER



				(A)=4JH-DTE	OCR10-M20200 Fig.40							
				(B)=	(D)=							
				(C)=	(E)=							
					(F)=							
					Q'ty							
					(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129470-55600	FILTER ASSY, FUEL		1							
3	2	129470-55700	STRAINER		1							
4	2	124060-59380	PLUG, 6		1							
5	2	43400-500390	SEAL WASHER 6S		1							
6	1	26106-100302	BOLT, M10X 30 PLATED		2							

Fig.41. FUEL INJECTION PIPE

Fig.41 FOフンシャパイプ
FUEL INJECTION LINES



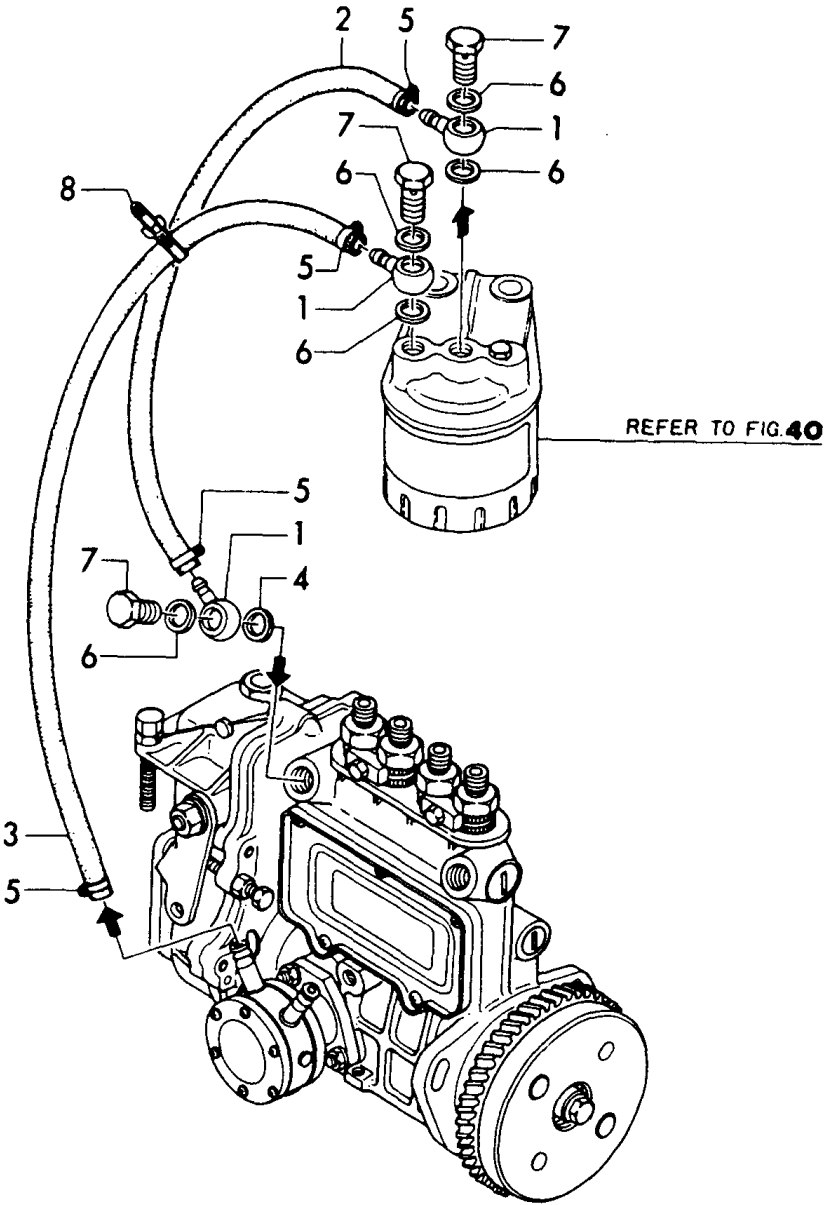
				(A)=4JH-DTE (B)= (C)=	0CR10-M20200 Fig.41						
No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty				I	R
						(C)	(D)	(E)	(F)		
1	1	123372-59100	RETAINER, PIPE	2							
2	1	129499-59811	PIPE ASSY, INJECTION	1							
3	1	129499-59821	PIPE ASSY, INJECTION	1							
4	1	129499-59831	PIPE ASSY, INJECTION	1							
5	1	129499-59841	PIPE ASSY, INJECTION	1							
6	1	121870-59930	STAY	1							
7	1	22217-080000	WASHER, SPRING 8	1							
8	1	26106-060202	BOLT, M6X 20 PLATED	4							
9	1	26106-080202	BOLT, M8X 20 PLATED	1							
10	1	26366-060002	NUT, M6	2							
11	1	122780-59100	RETAINER	2							
</											

Fig.42. FUEL PIPE

(A)=4JH-DTE
(B)=
(C)=

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

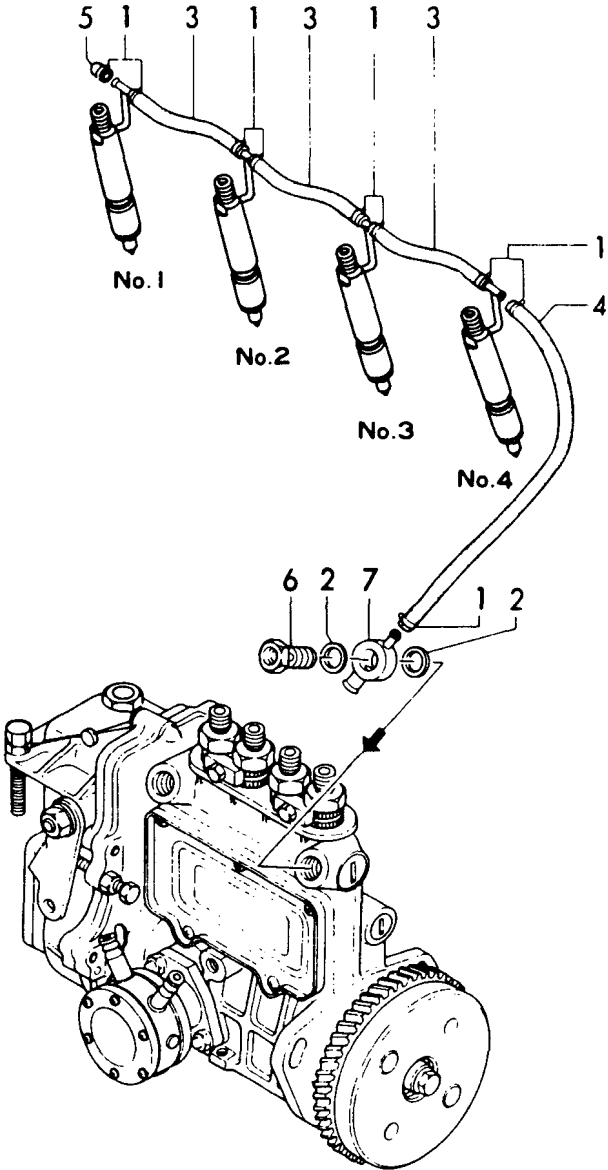
Fig.42 FOパイプ
FUEL LINES



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	104264-59020	JOINT	3							
2	1	105582-59540	PIPE, FUEL L=300	1							
3	1	129470-59120	PIPE, FUEL	1							
4	1	104200-59170	GASKET, 12	1							
5	1	23080-013000	CLAMP, 13	4							
6	1	23414-120000	GASKET, 12X1.0	5							
7	1	23857-060000	BOLT, JOINT 6	3							
8	1	121750-59890	BAND, 140	1							

Fig.43. FUEL RETURN PIPE

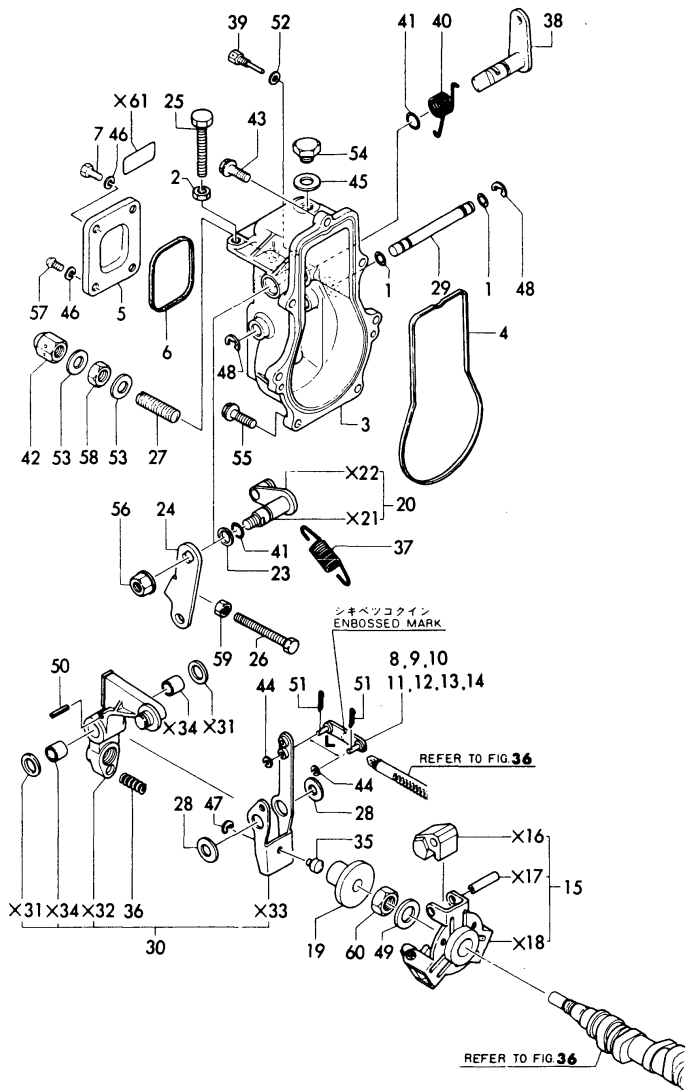
Fig.43 FOモドシパイプ
FUEL RETURN LINES



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124066-59100	CLIP, HOSE 8	9							
2	1	104200-59170	GASKET, 12	2							
3	1	121250-59550	PIPE, FUEL D8X120	3							
4	1	129470-59560	PIPE, FUEL RETURN	1							
5	1	129150-59580	CAP	1							
6	1	129100-59950	VALVE ASSY, CHECK	1							
7	1	129100-59990	JOINT	1							

Fig.44. GOVERNOR

Fig.44 ガバナ GOVERNOR

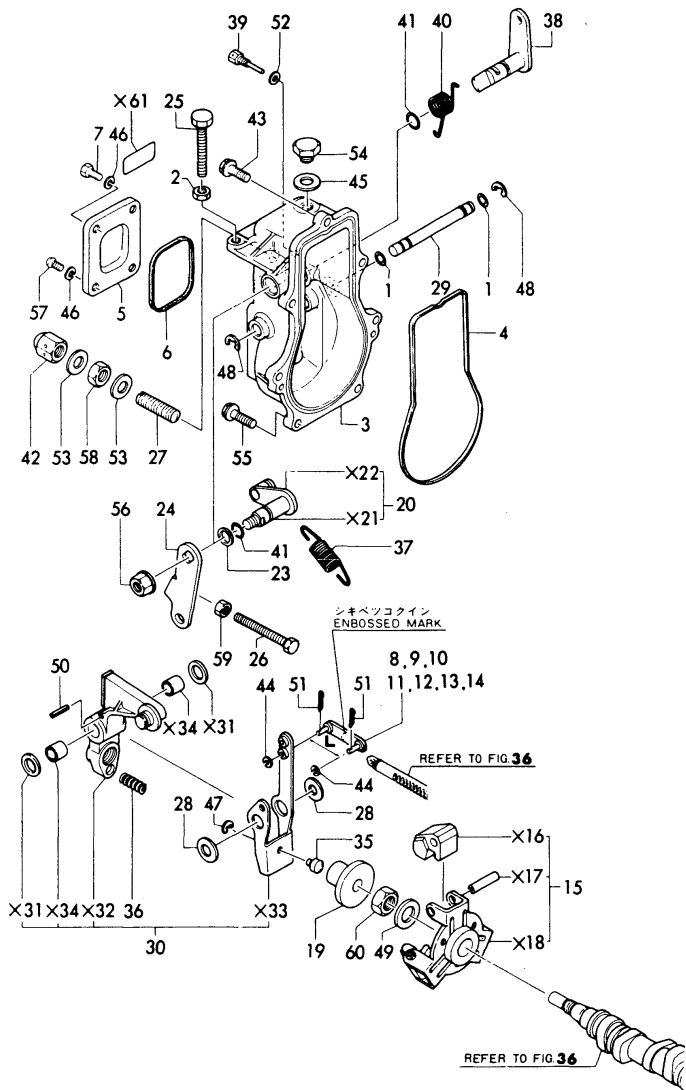


Remarks
A) SELECTIVE PARTS : CERTAIN THE CLASSIFICATION MARK , THEN PLACE YOUR ORDER.(REFER TO ILLUSTRATION)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	129155-51280	O-RING, S6	2							
2	2	124550-66370	NUT, M6	1							
3	2	129155-61010	CASE, GOVERNOR	1							
4	2	129155-61050	GASKET	1							
5	2	129155-61060	COVER, GOVERNOR CASE	1							
6	2	129155-61070	GASKET	1							
7	2	129155-61090	BOLT	1							
8	2	129155-61120	LINK, L=30 MARK 0	1							A
9	2	129155-61130	LINK, L=31 MARK 1	1							A
10	2	129155-61140	LINK, L=30.5 MARK 05	1							A
11	2	129155-61150	LINK, L=33	1							A
12	2	129155-61160	LINK, L=34 MARK4	1							A
13	2	129155-61170	LINK, L=28 MARK 8	1							A
14	2	129155-61180	LINK, L=29 MARK 9	1							A
15	2	129155-61201	WEIGHT ASSY,GOVERNOR	1							
19	2	129155-61341	SLEEVE	1							
20	2	129155-61400	SHAFT ASSY	1							
23	2	129155-61430	SPACER	1							
24	2	129470-61440	LEVER, CONTROL	1							
25	2	129470-61450	BOLT, LIMITER	1							
26	2	129155-61460	BOLT, IDLE	1							
27	2	129155-61470	BOLT, CONTROL	1							
28	2	129155-61480	SPACER ASSY	2							
29	2	129155-61490	SHAFT	1							
30	2	129155-61500	LEVER ASSY, GOVERNOR	1							
35	2	129155-61540	SHIFTER	1							
36	2	129499-61650	SPRING, FUEL CONTROL	1							
37	2	129470-61700	SPRING, GOVERNOR	1							
37-1	2	129473-61700	SPRING, GOVERNOR	1							N
(A=*1985.09)											
38	2	129470-61800	LEVER, STOP	1							
39	2	129155-61810	PIN	1							
40	2	129155-61820	SPRING, RETURN	1							
41	2	129155-61830	O-RING, S10	3							
42	2	129100-61930	NUT, CAP	1							
43	2	129155-61950	BOLT	1							
44	2	22117-040000	WASHER, 4	2							
45	2	22190-100000	WASHER, SEAL 10	1							
46	2	22217-050000	WASHER, SPRING 5	4							
47	2	22272-000040	RING, E- 4	1							
48	2	22272-000060	RING, E- 6	2							
49	2	22282-120000	WASHER 12	1							
50	2	22351-030016	PIN, SPRING 3.0X16	1							
51	2	22360-050000	SNAP PIN 5	2							
52	2	23414-050000	GASKET, 5X1.0	1							
53	2	43400-500450	SEAL WASHER 12S	2							
54	2	23887-100002	PLUG, 10	1							
55	2	26107-060202	BOLT M 6X 20 PLATED	6							
56	2	26366-080002	NUT, M8	1							
57	2	26557-050102	SCREW, M5X10	3							
58	2	26777-120002	NUT, LOCK M12	1							

Fig.44. GOVERNOR

Fig.44 ガバナ GOVERNOR



(A)=4JH-DTE
(B)=
(C)=

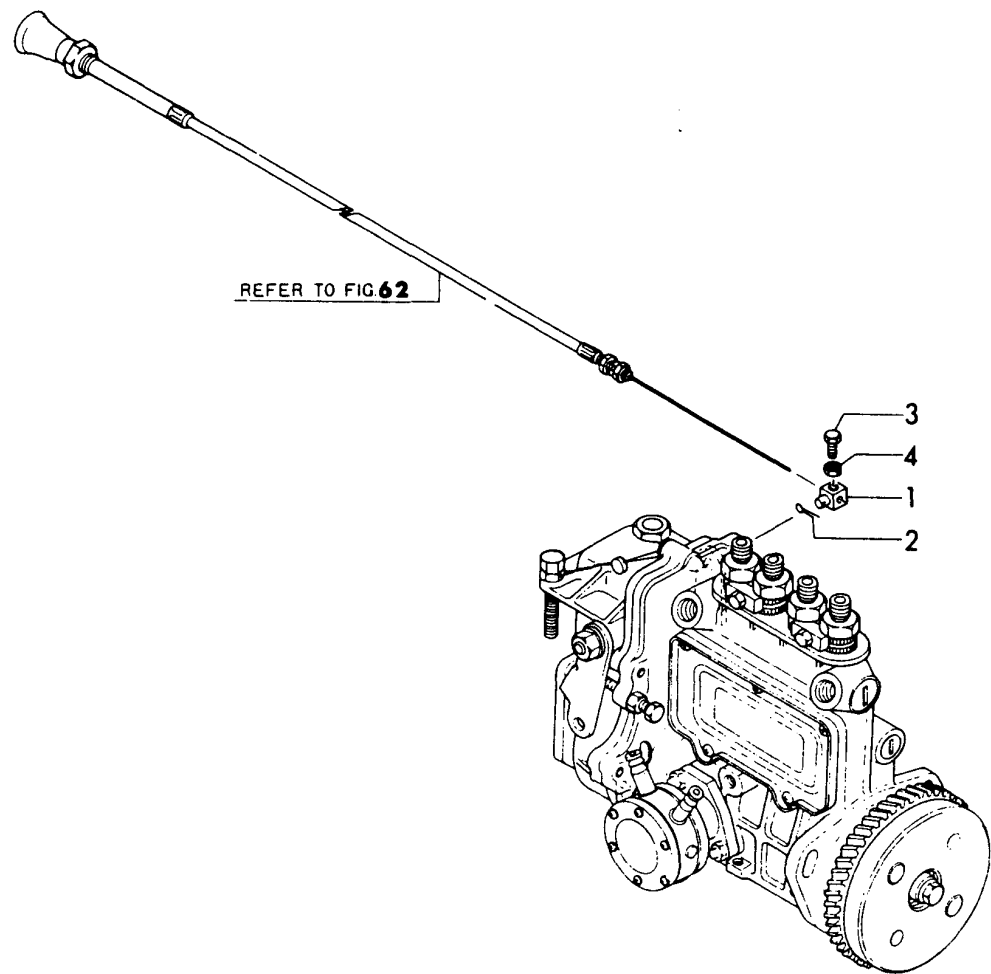
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
59	2	26756-060002	NUT, LOCK M6	1							
60	2	26776-120002	NUT, LOCK M12	1							

Remarks
A) SELECTIVE PARTS : CERTAIN THE CLASSIFICATION MARK , THEN PLACE YOUR ORDER.(REFER TO ILLUSTRATION)

Fig.45. ENGINE STOP DEVICE

Fig.45 キカンテイシソウチ
ENGINE STOP DEVICE



OCR10-M20200 Fig.45

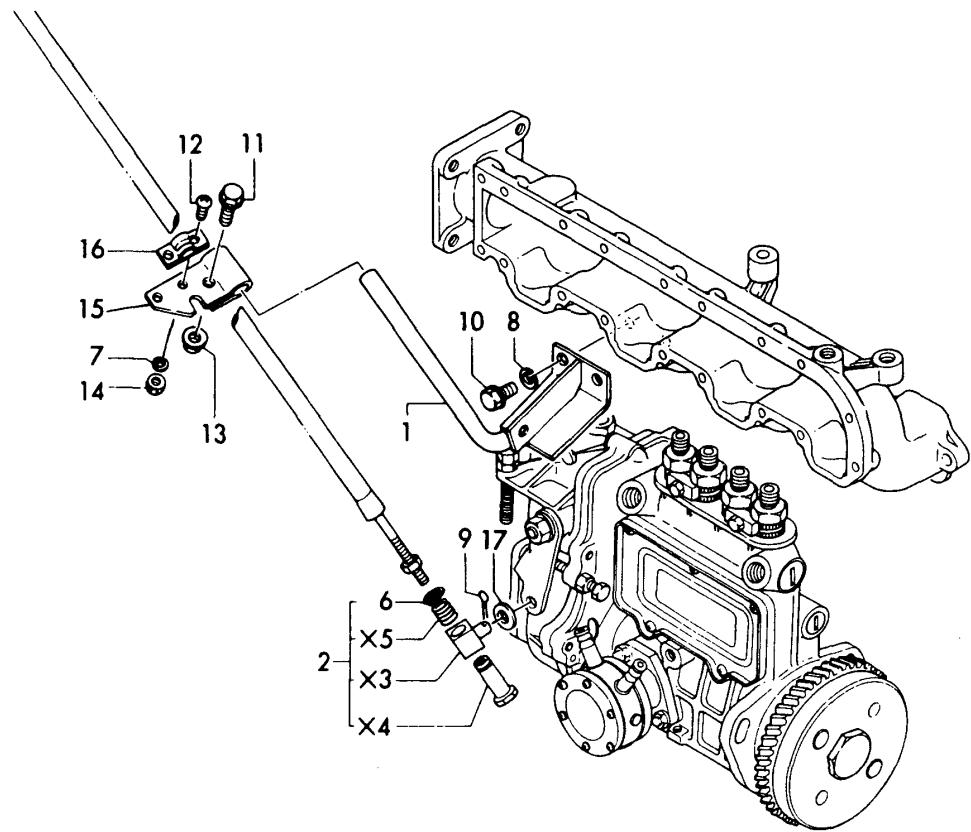
(A)=4JH-DTE
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129795-67310	RETAINER	1							
2	1	22414-250150	PIN, COTTER 2.5X15	1							
3	1	26116-050142	BOLT, M5X 14 PLATED	1							
4	1	26756-050002	NUT, LOCK M5	1							

Fig.46. SPEED REMOTE CONTROL DEVICE

Fig.46 スピードコントロールソウチ
SPEED REMOTE CONTROL DEVICE

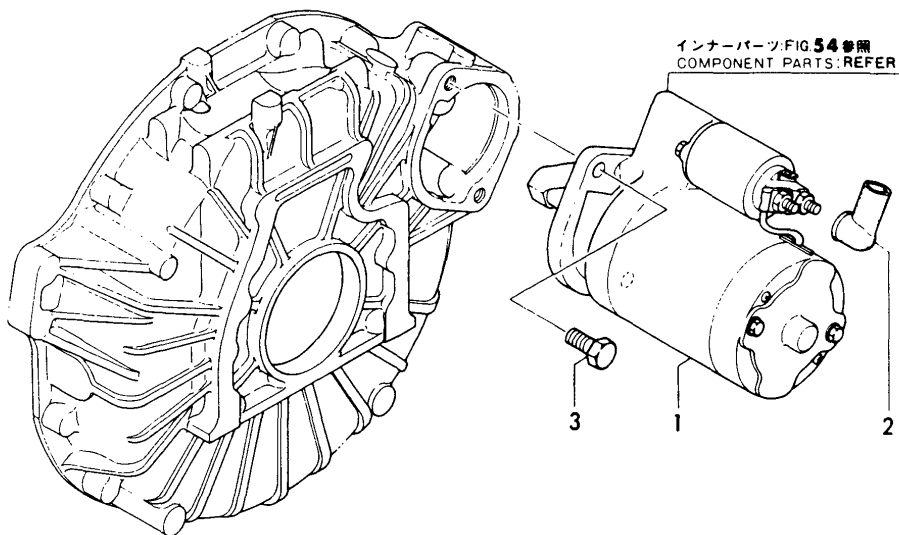


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-67100	BRACKET, GOVERNOR	1							
2	1	129795-67200	RETAINER ASSY	1							
6	2	22242-000100	RING, 10	1							
7	1	22217-050000	WASHER, SPRING 5	2							
8	1	22217-080000	WASHER, SPRING 8	2							
9	1	22414-250150	PIN, COTTER 2.5X15	1							
10	1	26106-080122	BOLT, M8X 12 PLATED	2							
11	1	26106-080252	BOLT, M8X 25 PLATED	1							
12	1	26557-050122	SCREW, M5X12	2							
13	1	26366-080002	NUT, M8	1							
14	1	26716-050002	NUT, M5	2							
15	1	41701-001720	BRACKET	1							
16	1	41710-000410	CLAMP	1							
17	1	23414-080000	GASKET, 8X1.0	1							

(A)=4JH-DTE
(B)=
(C)=

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

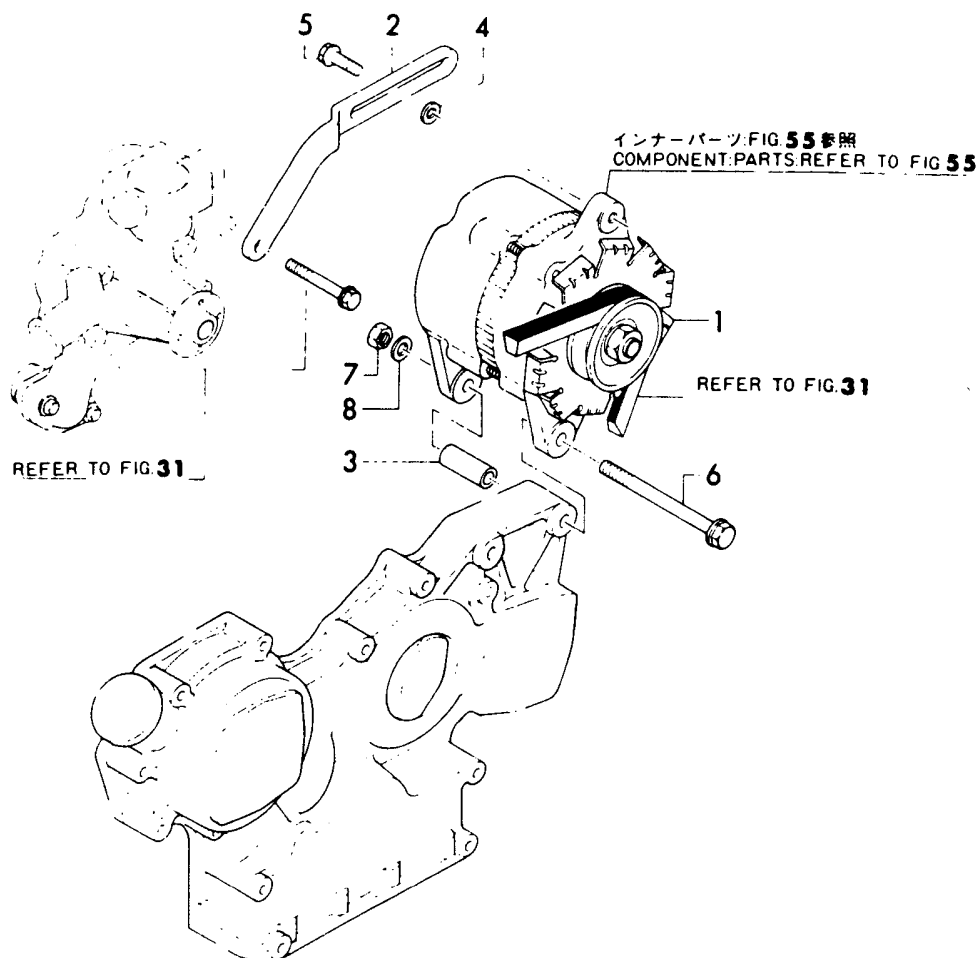
INNER PARTS: REFER TO FIG. 54



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124250-77012	STARTER, S12-77A	1							
2	1	124550-77030	COVER, TERMINAL	1							
3	1	26116-120302	BOLT, M12X 30 PLATED	2							

Fig.48. GENERATOR

Fig. 48 ゼネレータ
GENERATOR

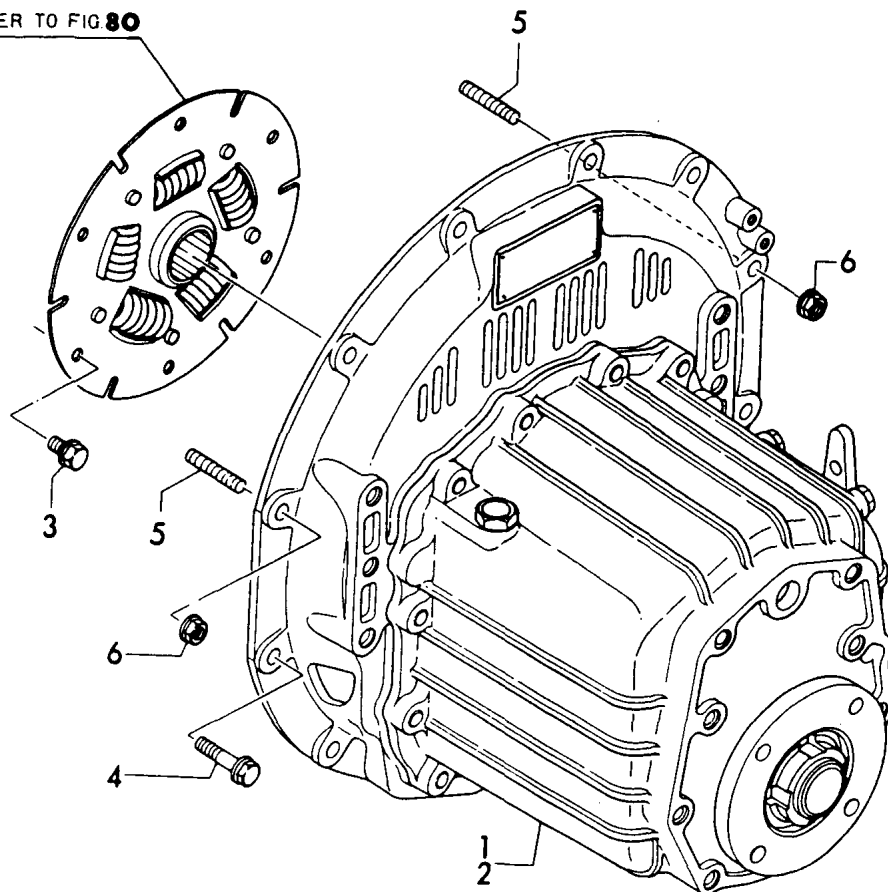


No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	129772-77200	GENERATOR(12V-55A)	1					
2	1	129470-77330	ADJUSTER, BELT	1					
3	1	129470-77340	PIECE, DISTANCE	1					
4	1	22137-080000	WASHER, 8	1					
5	1	26106-080252	BOLT, M8X 25 PLATED	1					
6	1	26106-101152	BOLT, M10X115 PLATED	1					
7	1	26716-100002	NUT, M10	1					
8	1	22137-100000	WASHER, 10	1					

(A)=4JH-DTE
(B)=
(C)=

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

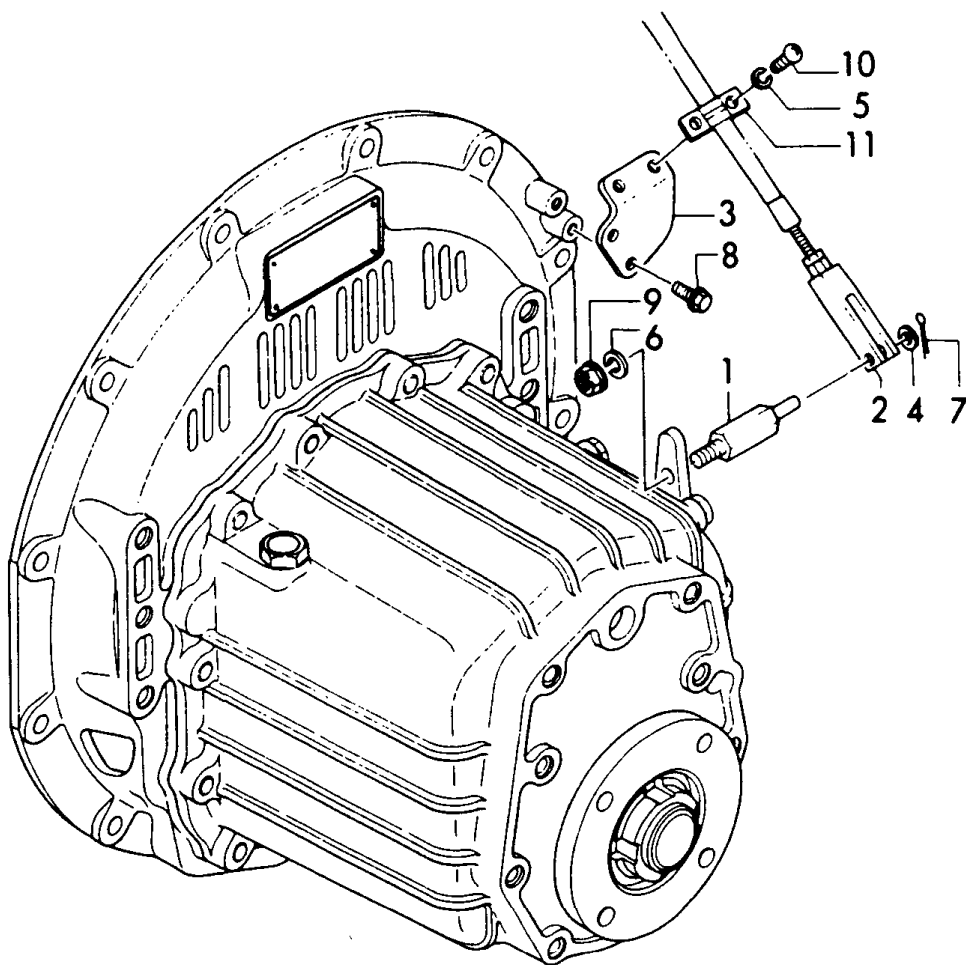
REFER TO FIG. 80



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129474-81010	CLUTCH ASSY, 2.17	1							
2	1	129474-81020	CLUTCH ASSY, I=2.62	1							
3	1	26106-080162	BOLT, M8X 16 PLATED	6							
4	1	26106-100302	BOLT, M10X 30 PLATED	8							
5	1	26226-100222	STUD, M10X 22	2							
6	1	26716-100002	NUT, M10	2							

Fig.50. CLUTCH REMOTE CONTROL

Fig. **50** クラッチリモコン
CLUTCH REMOTE CONTROL



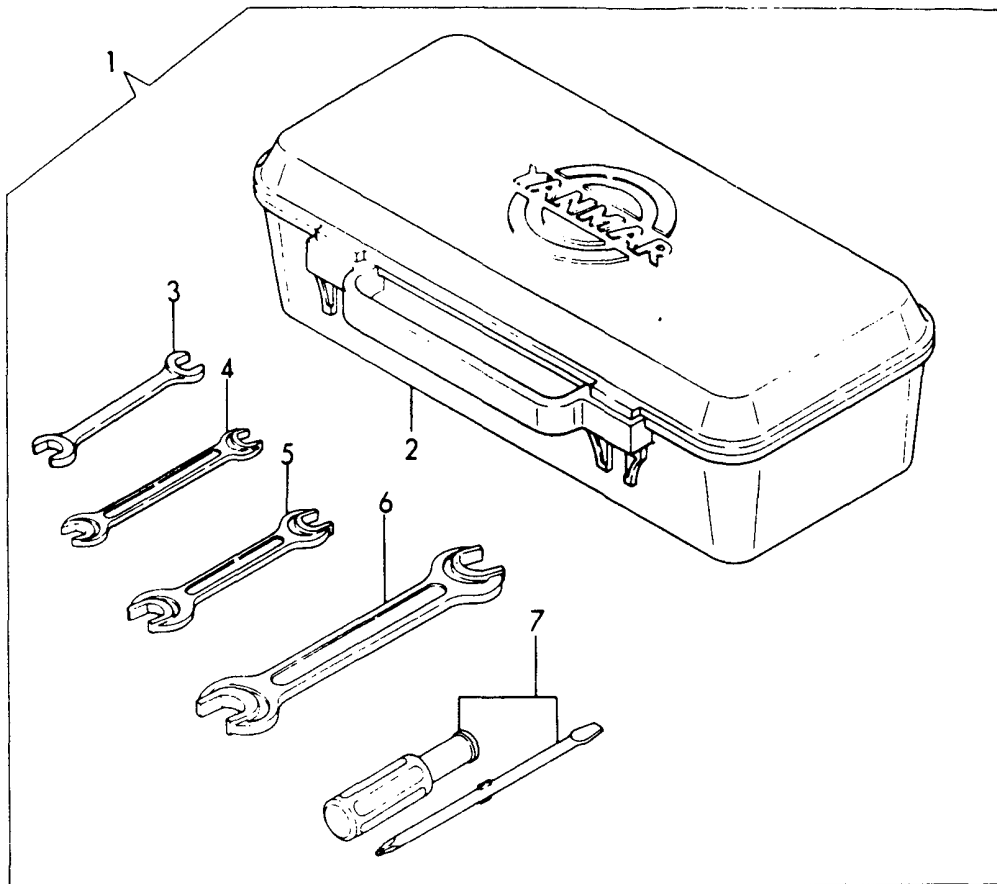
(A)=4JH-DTE
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-86250	JOINT	1							
2	1	128370-86280	CLEVIS, 12SQ-48L	1							
3	1	129470-86310	BRACKET, CABLE	1							
4	1	22113-060000	WASHER, 6	1							
5	1	22217-050000	WASHER, SPRING 5	2							
6	1	22217-080000	WASHER, SPRING 8	1							
7	1	22414-160100	PIN, COTTER 1.6X10	1							
8	1	26106-060162	BOLT, M6X 16 PLATED	2							
9	1	26366-080002	NUT, M8	1							
10	1	26557-050082	SCREW, M5X 8	2							
11	1	41710-000410	CLAMP	1							

Fig.51. TOOLS

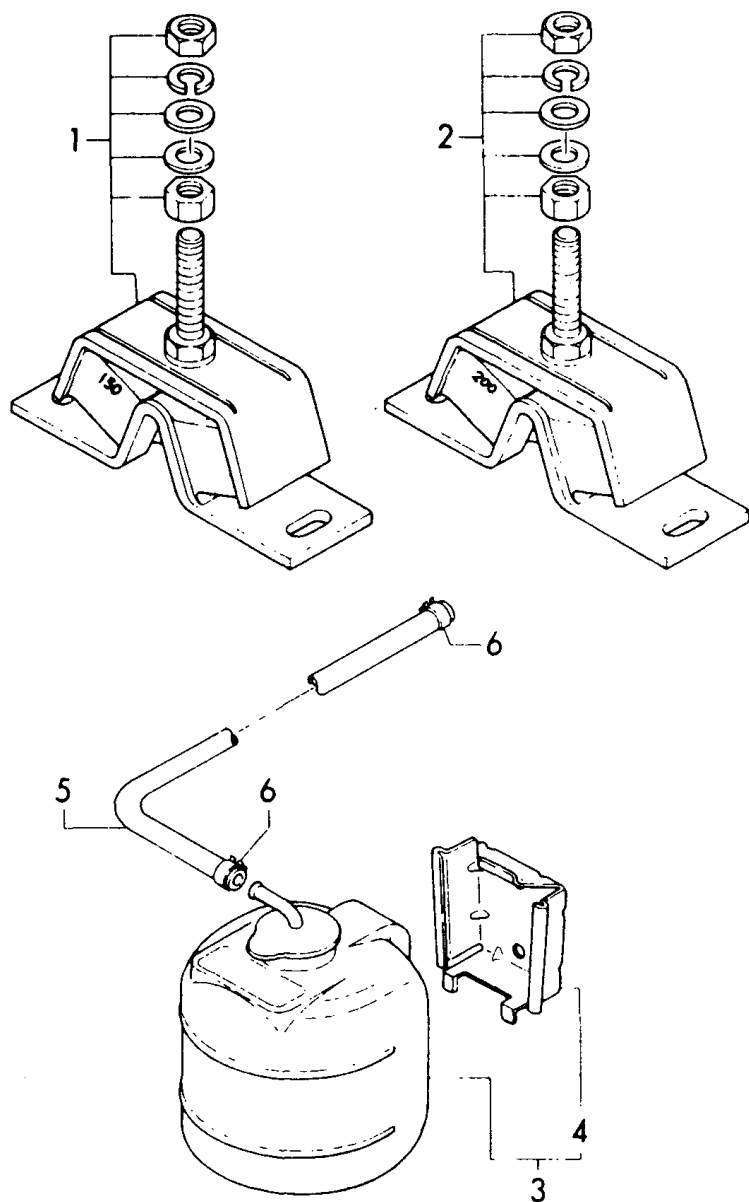
Fig. 51 コウグ
TOOLS



No.	Lev.	Parts No.	Description	(A)=4JH-DTE		(D)=		(E)=		I	R
				(B)=	(C)=	(C)	(D)	(E)	(F)		
1	1	704507-92100	BOX ASSY, TOOL			1					
2	2	104200-92600	BOX, TOOL			1					
3	2	28110-100130	SPANNER, 10X13			1					
4	2	28110-120140	SPANNER, 12X14			1					
5	2	28110-170190	SPANNER, 17X19			1					
6	2	28110-220240	SPANNER, 22X24			1					
7	2	104200-92350	DRIVER, SCREW			1					

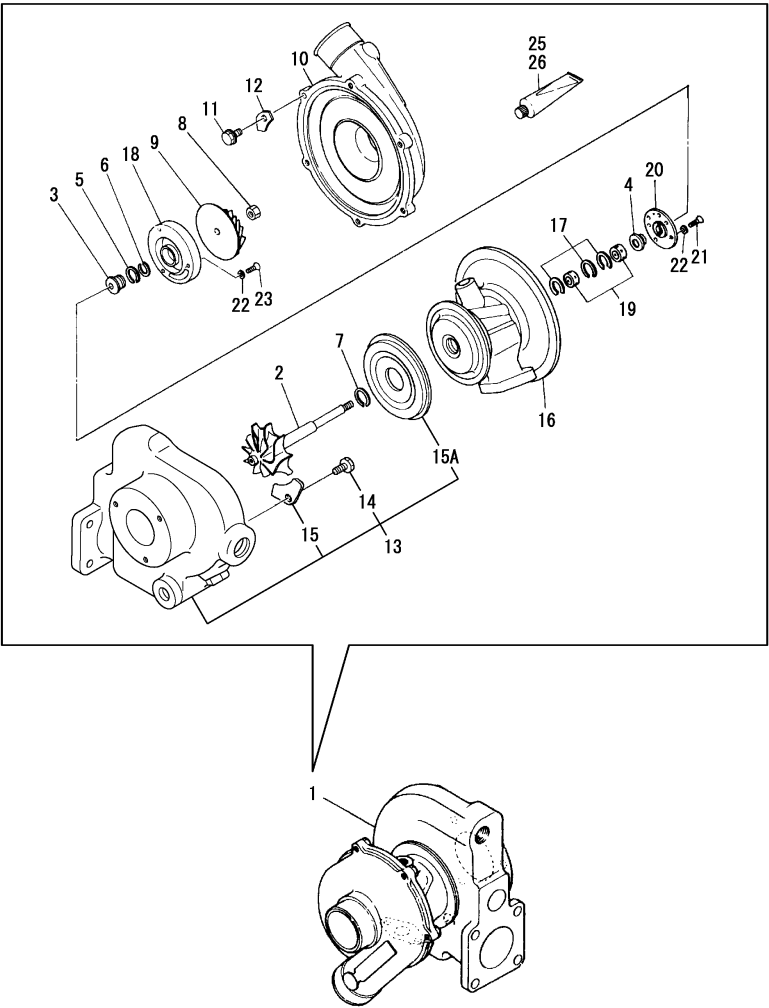
Fig.52. SPARE PARTS

Fig. 52 フゾクヒン
SPARE PARTS



No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	121370-08351	MOUNT, FLEXIBLE 150	2					
2	1	129470-08350	MOUNT, FLEXIBLE 200	2					
3	1	720445-44200	TANK ASSY, SUB	1					
4	2	120445-44540	SUPPORT	1					
5	1	124790-44560	PIPE, WATER L=1000	1					
6	1	23010-013000	CLAMP 13	2					

Fig.53. TURBINE(INNER PARTS)



(A)=4JH-DTE
(B)=
(C)=

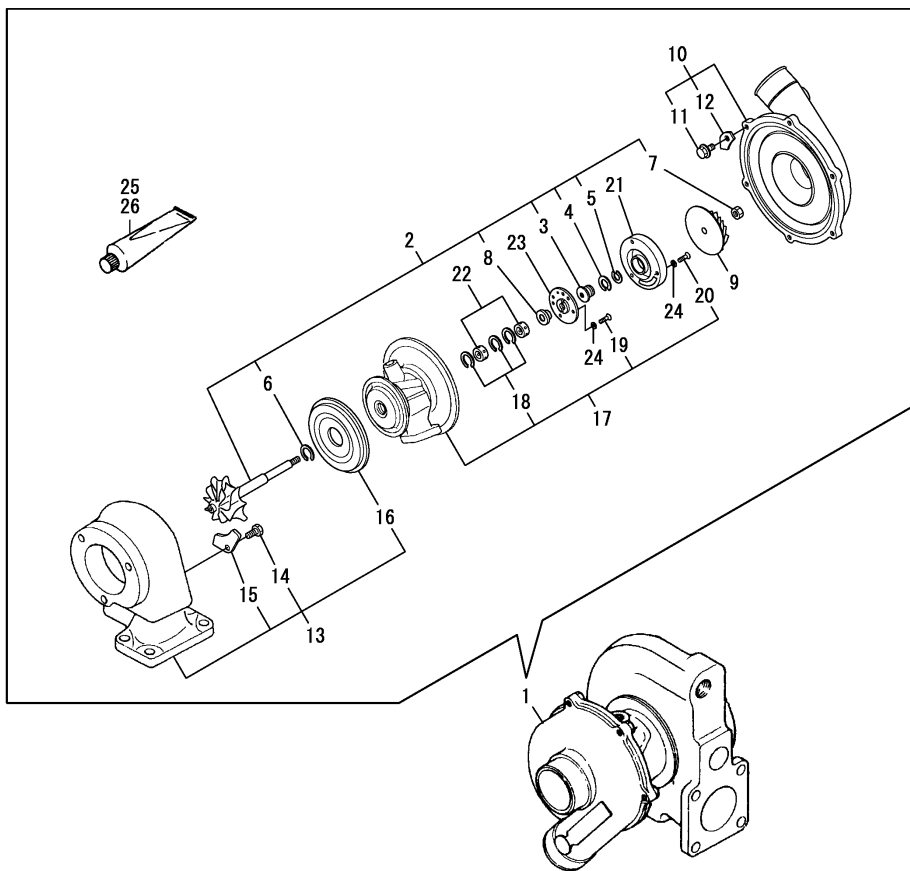
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129473-18000	TURBINE, RHB52HW	1							
2	2	XNN131502	SHAFT,TURBO.	1							
3	2	XN131004	SHELTER	1							
4	2	XN131005	BUSH, THRUST	1							
5	2	XN131008	RING, SEAL	1							
6	2	XB131008	RING, SEAL	1							
7	2	XN131106	RING, SEAL	1							
8	2	XN131108	NUT	1							
9	2	XNN136606	WHEEL BR348C	1							
10	2	XNN134092	HOUSING,BLOWER	1							
11	2	XNB134007	BOLT M 5	6							
12	2	XNN134035	RETAINER	6							
13	2	XNN139400	HOUSING,TURBO.	1							
14	3	XNN137007	BOLT, M8	4							
15	3	XNN137423	RETAINER	4							
15A	3	XNN137055	PROTECTOR, HEAT	1							
16	2	XNN133442	HOUSING,BEARING	1							
17	2	XN133204	CIRCLIP	3							
17-1	2	XNN133208	CIRCLIP	3							S
(A=*1991.01.)											
18	2	XN133001	PLATE, SEAL	1							
19	2	XN133504	METAL, FLOATING	2							
20	2	XN133505	BEARING, THRUST	1							
21	2	XN977006	SCREW 3	4							
22	2	XN977007	WASHER M 3	7							
23	2	XN133207	SCREW M3	3							
25	2	XN193653	GASKET, LIQUID	1							
26	2	XNN193655	BONDO	1							
27	2	XNN139811	OVERHAUL KIT	1							1

Remarks

(1)Include No.5, 6, 7, 19, 20, 21, 22, 23.

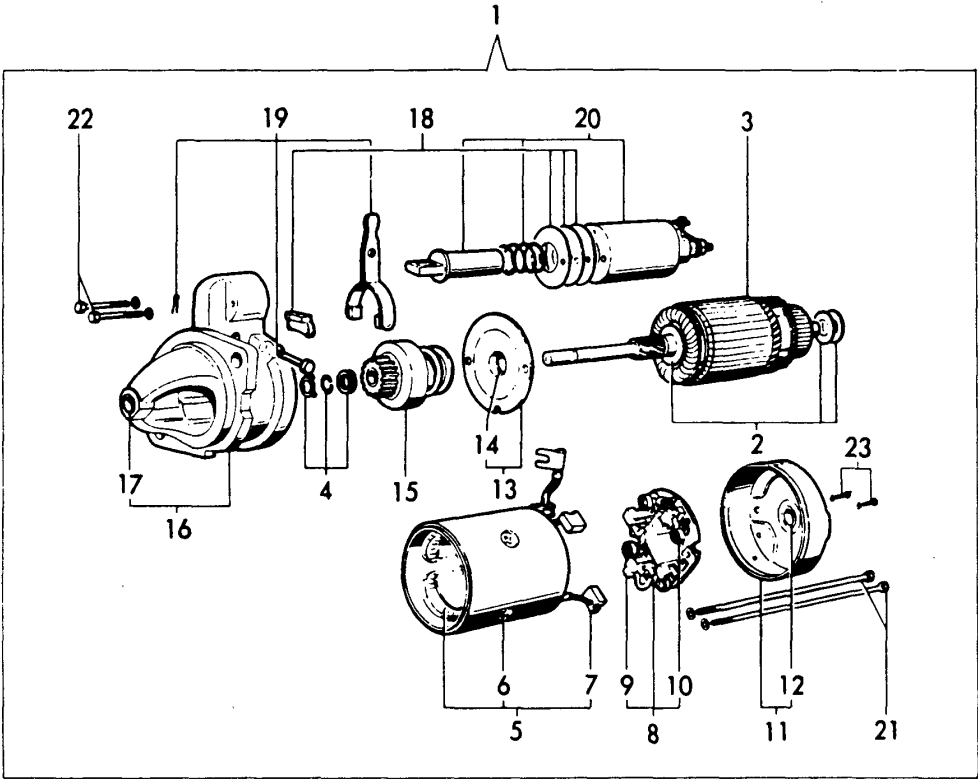
Fig.85. (53A)TURBINE(INNER PARTS)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129474-18001 (A=E30946)	TURBINE, RHB52HW	1							W
2	2	XNN131570	ROTOR SET	1							
3	3	XNN131578	SHELTER	1							
4	3	XNN131008	SEAL RING,BLOW.SIDE	1							
5	3	XNB131008	SEAL RING,BLOW.SIDE	1							
6	3	XNN131536	SEALING	1							
7	3	XN131108	NUT	1							
8	3	XNN131579	BUSH, THRUST	1							
9	2	XNN136606	WHEEL BR348C	1							
10	2	XNE924350	HOUSING,BLOWER	1							
11	3	XNB134007	BOLT M 5	6							
12	3	XNN134035	RETAINER	6							
13	2	XNE929010	HOUSING,TURBO.	1							
14	3	XNN137007	BOLT, M8	4							
15	3	XNN137423	RETAINER	4							
16	3	XNN137055	PROTECTOR, HEAT	1							
17	2	XNE923300	HOUSING,BEARING	1							
18	3	XN133204	CIRCLIP	3							
18-1	3	XNN133208 (A=*1991.01.)	CIRCLIP	3							S
19	3	XNB133206	SCREW	4							
20	3	XNB133208	SCREW(SEAL PLATE	3							
21	2	XN133001	PLATE, SEAL	1							
22	2	XN133504	METAL, FLOATING	2							
23	2	XN133505	BEARING, THRUST	1							
24	2	XN977007	WASHER M 3	7							
25	2	XN193653	GASKET, LIQUID	1							
26	2	XNN193655	BONDO	1							

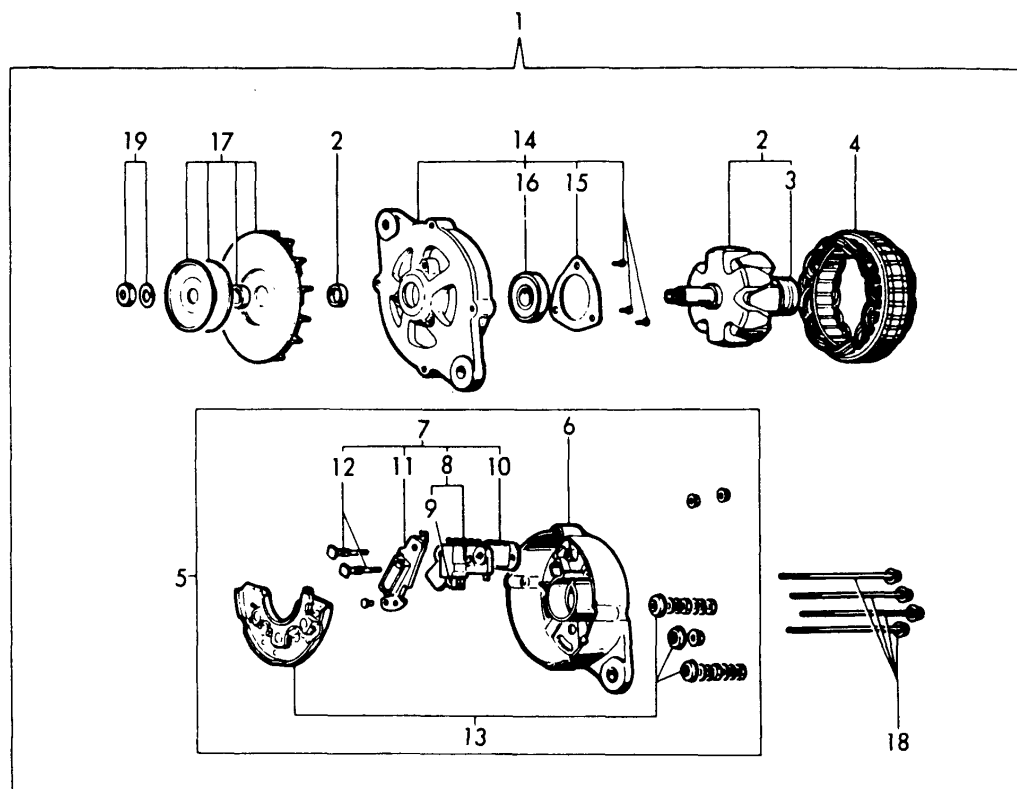
Fig.54. STARTING MOTOR COMPONENT PARTS

Fig.54 スターティングモータ インナーパーツ
STARTING MOTOR COMPONENT PARTS



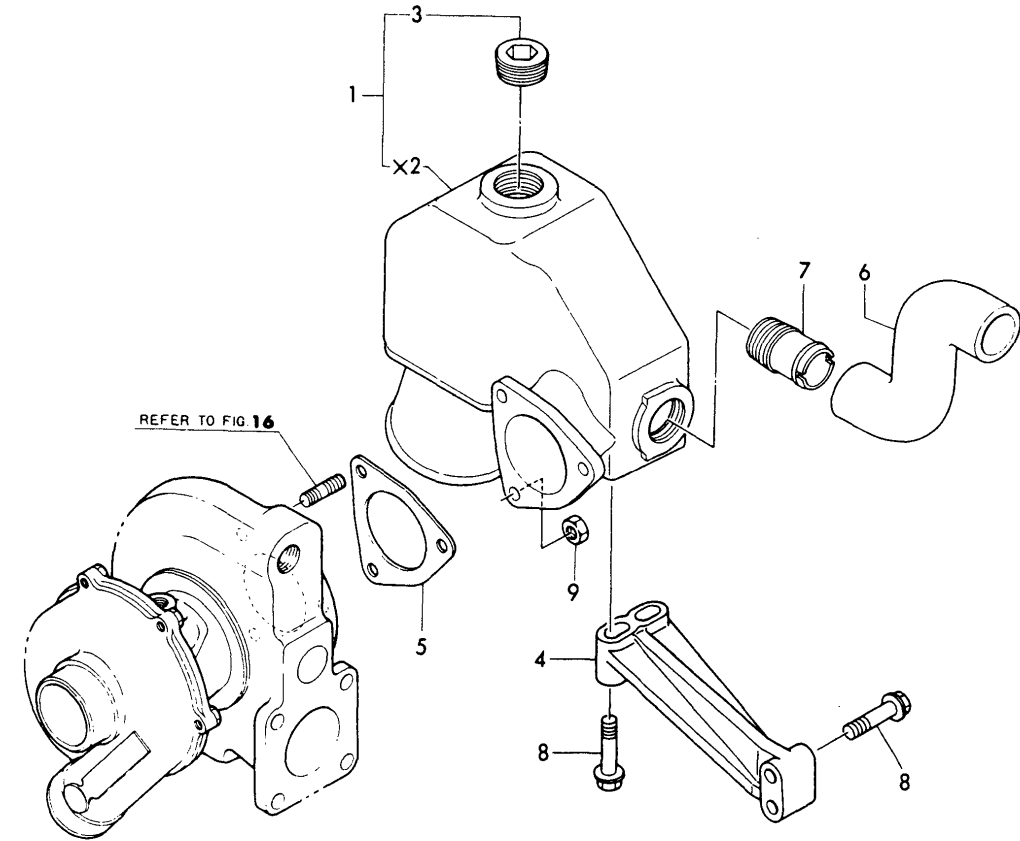
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124250-77012	STARTER, S12-77A	1							
2	2	X21201115	WASHER SET, THRUST	1							
3	2	X21207100	ARMATURE ASSY	1							
4	2	X21201110	STOPPER SET	1							
5	2	X21204259	COIL ASSY	1							
6	3	X21142215	SCREW	4							
7	3	X21209311	BRUSH (+)	2							
8	2	X21205310	HOLDER ASSY, BRUSH	1							
9	3	X21207312	BRUSH (-)	2							
10	3	X21201313	SPRING, BRUSH	4							
11	2	X212063001	REAR COVER ASSY	1							
12	3	X21204302	METAL, COVER BEARING	1							
13	2	X21205400	BEARING ASSY	1							
14	3	X21204401	METAL, CENTER BERG.	1							
15	2	X213065002	PINION ASSY	1							
16	2	X212026004	CASE ASSY, GEAR	1							
17	3	X21202601	METAL, GEAR CASE	1							
18	2	X21202602	COVER SET	1							
19	2	X21201605	LEVER SET	1							
20	2	X212037002	SWITCH, MAGNETIC	1							
21	2	X21204810	BOLT, THROUGH	2							
22	2	X21145866	BOLT	2							
23	2	X0630412	BOLT M 4X 12	2							

Fig. 55 ゼネレータ インナーパーツ
GENERATOR COMPONENT PARTS



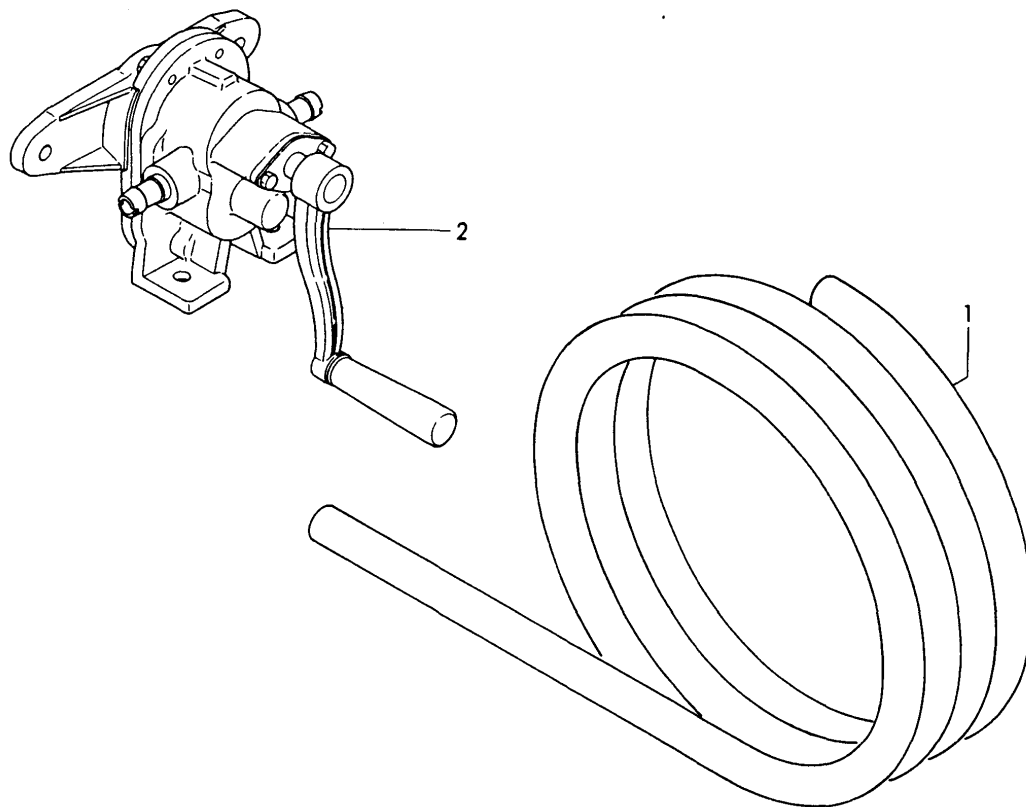
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	129772-77200	GENERATOR(12V-55A)	1					
2	2	XL15571001	ROTOR ASSY	1					
3	3	X6201SD	BALL BEARING	1					
4	2	XL15542001	STATOR ASSY	1					
5	2	XL15553002	COVER ASSY, REAR	1					
6	3	XL22553012	COVER, REAR	1					
7	3	XL1556315	REGULATOR ASSY,BRUSH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

Fig. **56** ミキシングエルボ
MIXING ELBOW



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129472-13500	ELBOW ASSY	1							
3	2	129472-13560	PLUG, PT3/4	1							
4	1	129472-13550	SUPPORT	1							
5	1	129792-18090	GASKET	1							
6	1	129472-49050	PIPE, WATER	1							
7	1	123325-49421	JOINT, PIPE	1							
8	1	26106-080352	BOLT, M8X 35 PLATED	4							
9	1	26703-080002	NUT, M8	3							

Fig. **57** キュウハイユポンプ
OIL SUCTION/DRAIN PUMP

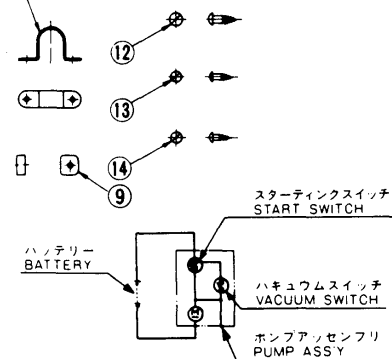
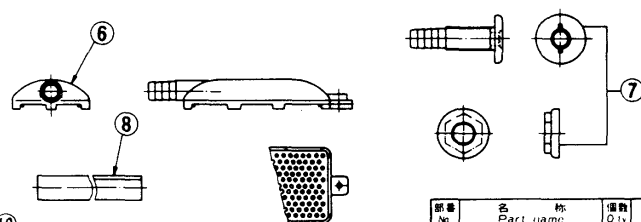
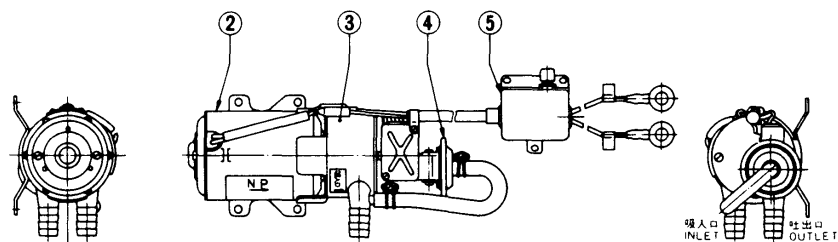
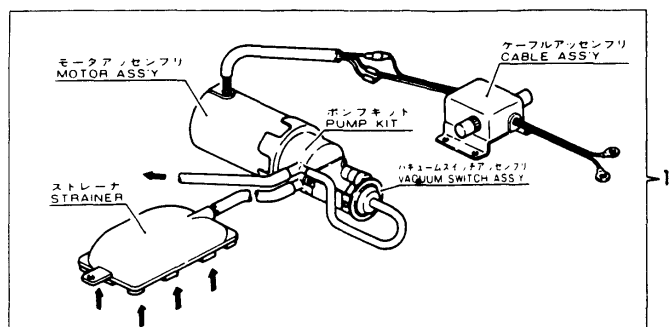
[illegible]

Remarks
A) MAKER'S CODE : GC-13-AAE-0

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. **58** ビルジポンプ 12V
BILGE PUMP 12V



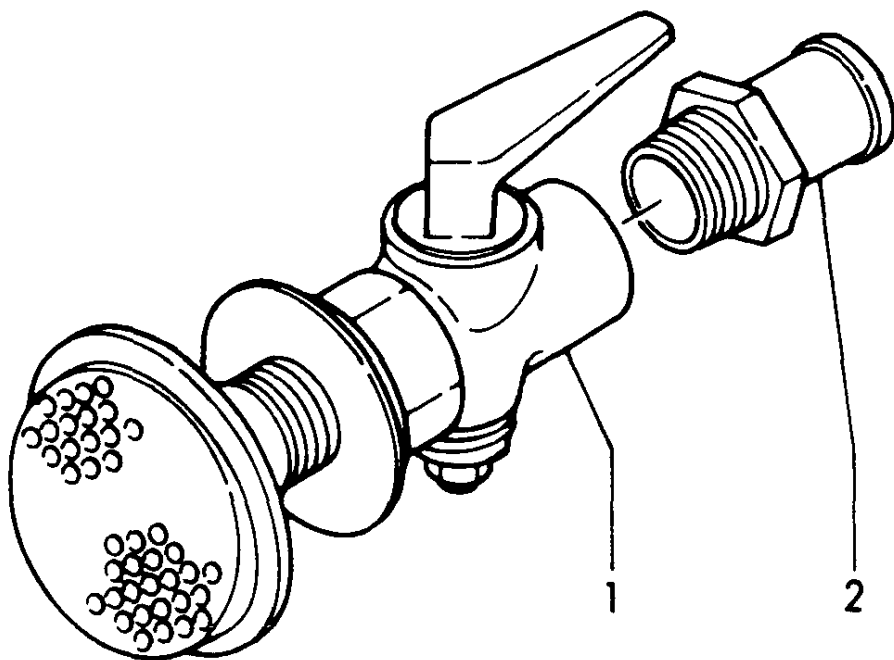
結 線 図
CONNECT. WIRE PLAN

部番 No.	名 称 Part Name	数量 Qty.	メーカー Maker No.
1	ポンプアッセンブリ PUMP ASSY	1	B P 190-1110
2	モータアッセンブリ MOTOR ASSY	1	B P 190-2200
3	ポンプキット PUMP KIT	1	B P 190-1300
4	バキュームスイッチ VACUUM SWITCH ASSY	1	B P 190-2400
5	ケーブルアッセンブリ CABLE ASSY	1	B P 190-5500
6	ストレナー STRAINER	1	B P 190-2810
7	トシュンク OUTLET	1	B P 190-1820
8	ホース HOSE	1	B P 190-1830
9	スぺーサ SPACER	1	B P 190-1910
10	クランプ CLAMP	1	B P 190-1920
11	スクリーセ SCREW SET	1	B P 190-1950
12	φ1×16スクリュー φ1×16SCREW	4	
13	φ1×20スクリュー φ1×20SCREW	1	
14	φ4×10スクリュー φ4×10SCREW	5	
15	インペラキ IMPELLER KIT	1	B P 190-1310

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	977782-00121	PUMP ASSY, W/TIMMER	1							
2	2	977782-00300	IMPELLER	1							

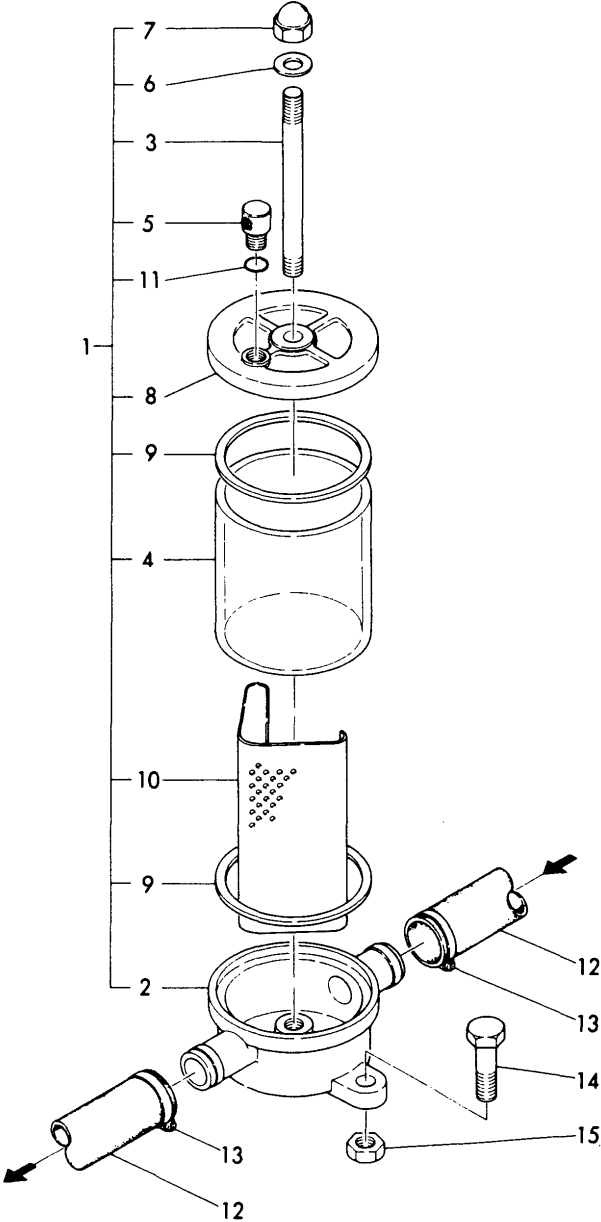
Fig.59. KINGSTON COCK

Fig. **59** キングストンコック
KINGSTON COCK



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	43662-025030	COCK ASSY, SEA WATER	1							
2	1	43530-500570	JOINT	1							

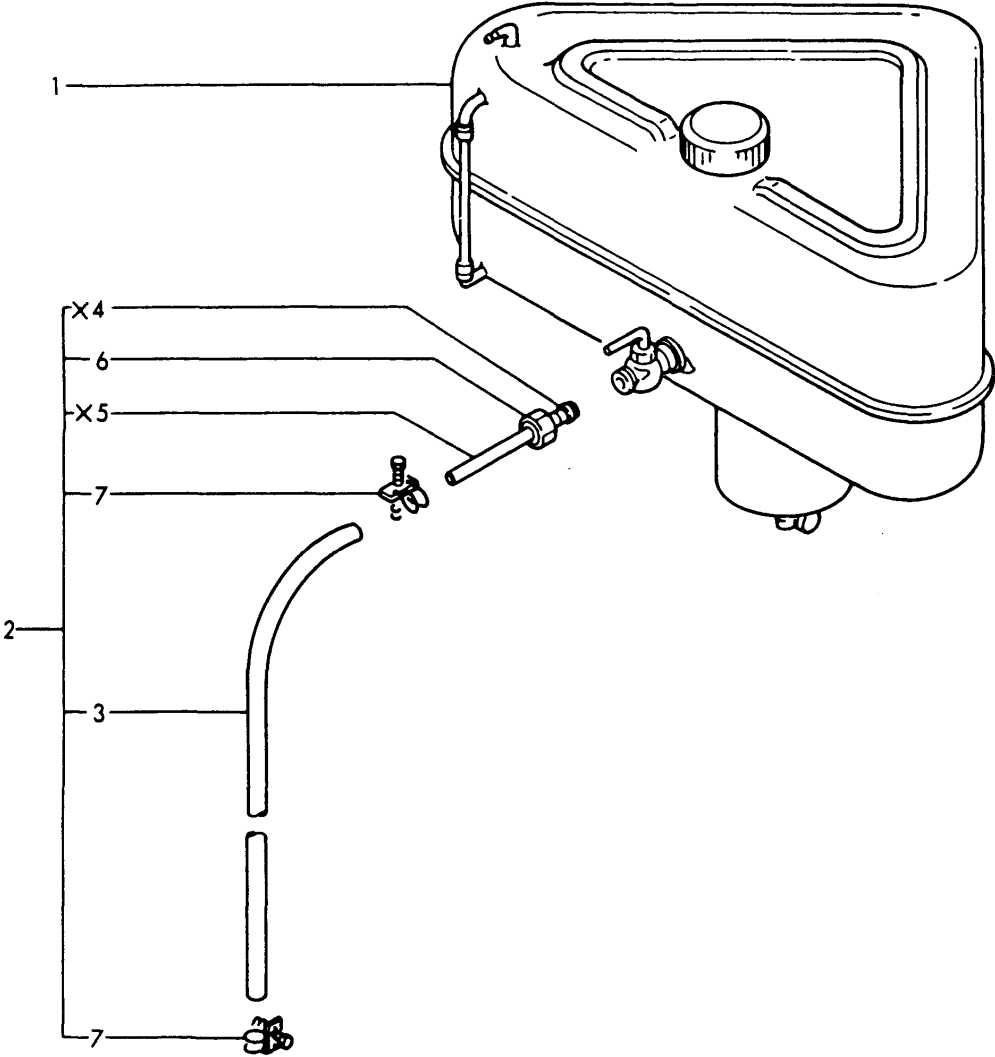
Fig. **60** カイスイコシキ
SEA WATER FILTER



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	919400-02500	STRAINER	1							
2	2	XTST25S001	BODY	1							
3	2	XTST25S002	BOLT M 8X125	1							
4	2	XTST25S003	PIPE, OUTER	1							
5	2	XTST25S004	PLUG M 8	1							
6	2	XTST25S005	PACKING	1							
7	2	26664-080002	NUT, CAP M8	1							
8	2	XTST25S007	COVER	1							
9	2	XTST25S008	PACKING	2							
10	2	XTST25S009	FILTER	1							
11	2	24311-000060	O-RING, 1AP6.0	1							
12	1	23072-101000	HOSE, 10X1000	1							
13	1	23000-041000	CLAMP, 41	2							
14	1	26116-080302	BOLT, M8X 30 PLATED	2							
15	1	26703-080002	NUT, M8	2							

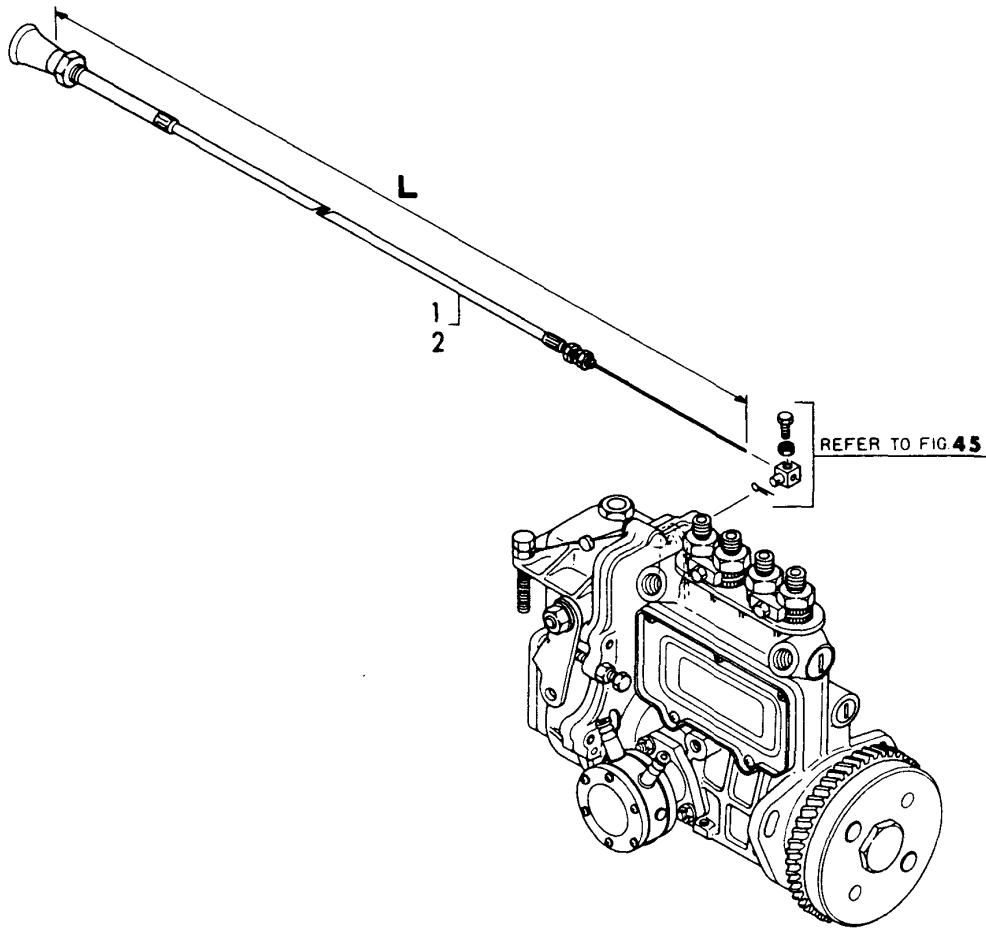
Fig.61. FUEL TANK

Fig. **61** FOタンク
FUEL TANK



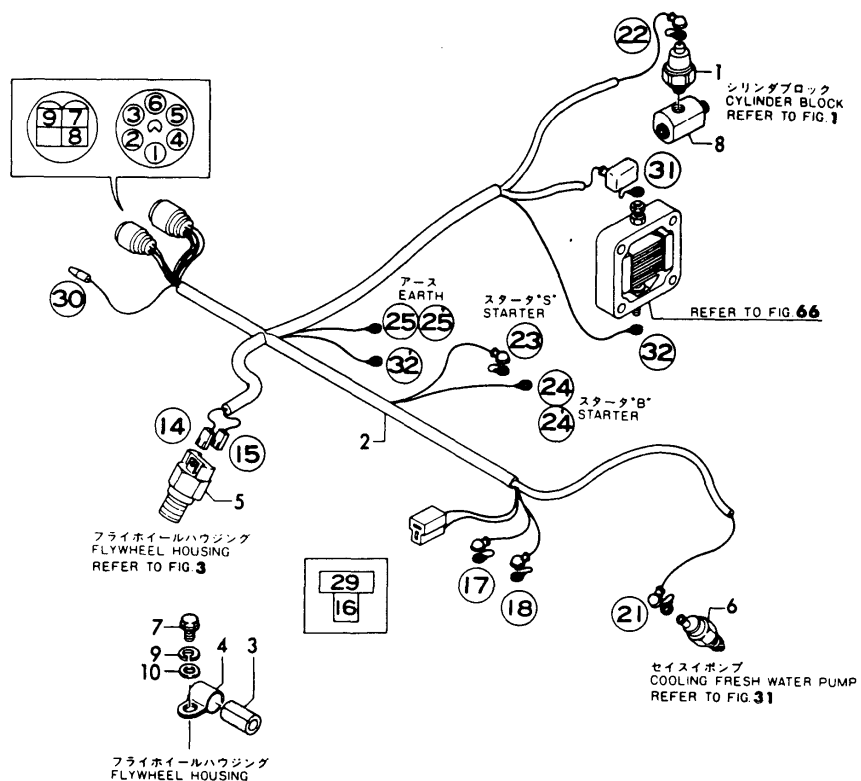
				(A)=4JH-DTE		OCR10-M20200 Fig.61		(D)=		(E)=		(F)=			
No.	Lev.	Parts No.	Description	(B)=		(C)=		Q'ty							
				(A)	(B)	(C)	(D)	(E)	(F)	I	R				
1	1	83213-003012	TANK (30L), FUEL	1											
2	1	124070-59060	PIPE ASSY, FUEL	1											
3	2	124070-59130	PIPE, FUEL 2M	1											
6	2	138603-59380	CAP NUT	1											
7	2	23010-014000	CLAMP, 14	2											

Fig. **62** ストップケーブル
ENGINE STOP CABLE



OCR10-M20200 Fig.62												
				(A)=4JH-DTE					(D)=			
				(B)=					(E)=			
				(C)=					(F)=			
No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	129470-67550	CABLE, STOP L=4000	1								
2	1	129470-67560	CABLE, STOP L=7000	1								

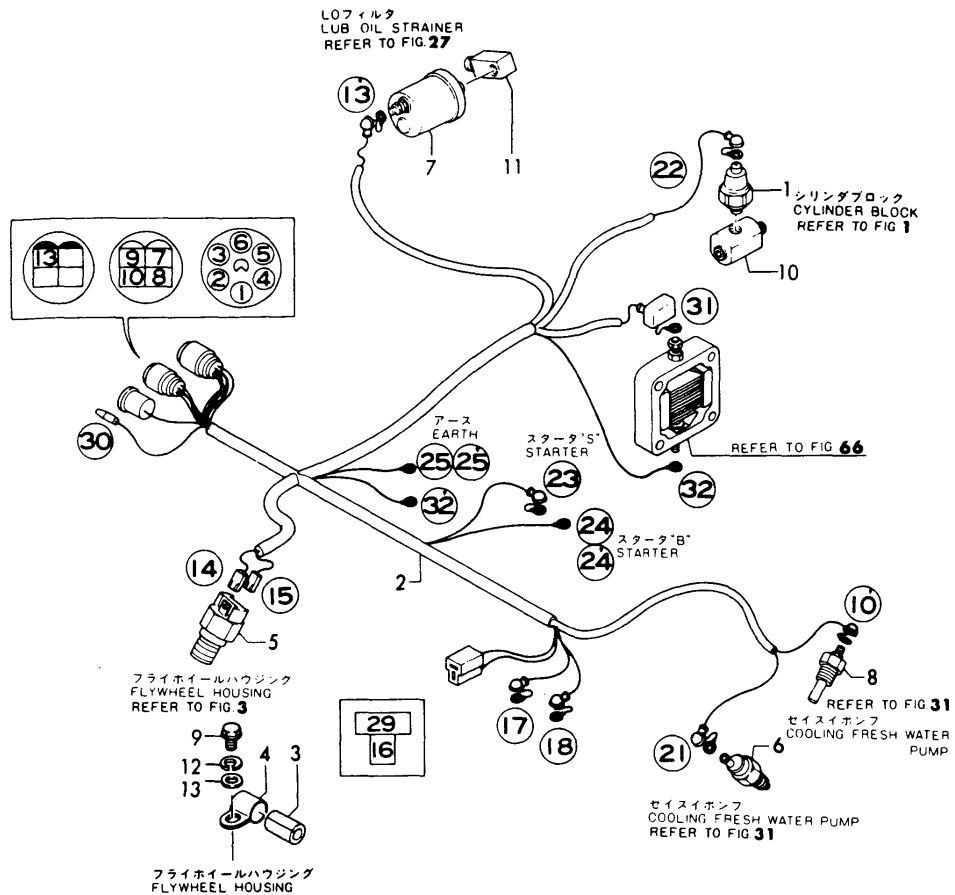
Fig. **63** ワイヤハーネス (ケイキバン B-2タイプヨウ)
WIRE HARNESS (FOR B-2 TYPE PANEL)



番 号 No	線 径 WIRE DIAMETER	線 色 WIRE COLOR	番 号 No	線 径 WIRE DIAMETER	線 色 WIRE COLOR
1 23	5.0	W : 白 WHITE	8 13	0.5	L/R : 青・赤 BLUE/RED
2 22	0.5	Y/W : 黄・白 YELLOW WHITE	9 14	0.5	Or : 橙 ORANGE
3 21	0.5	W/L : 白・青 WHITE BLUE	17 24	5.0	R : 赤 RED
4 29	0.5	R/B : 赤・黒 RED BLACK	18 23	5.0	B : 黒 BLACK
5 16	0.5	L/B : 青・黒 BLUE BLACK	30 31	5.0	L : 青 BLUE
6 24	5.0	R : 赤 RED	32 33	5.0	B : 黒 BLACK
7 25	0.5	B : 黒 BLACK			

No.	Lev.	Parts No.	Description	(A)=4JH-DTE		(D)=		(E)=		I R
				(B)=	(C)=	(F)=				
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	124060-39451	SWITCH, 0.2KG	1						
2	1	129470-77920	HARNESS, WIRE	1						
3	1	124770-77940	PROTECTOR	1						
4	1	124070-77950	CLAMP	1						
5	1	128170-91160	SENSOR	1						
6	1	127610-91350	SWITCH, 95	1						
7	1	26106-080162	BOLT, M8X 16 PLATED	1						
8	1	129470-39600	DAMPER ASSY	1						
9	1	22217-080000	WASHER, SPRING 8	1						
10	1	22137-080000	WASHER, 8	1						

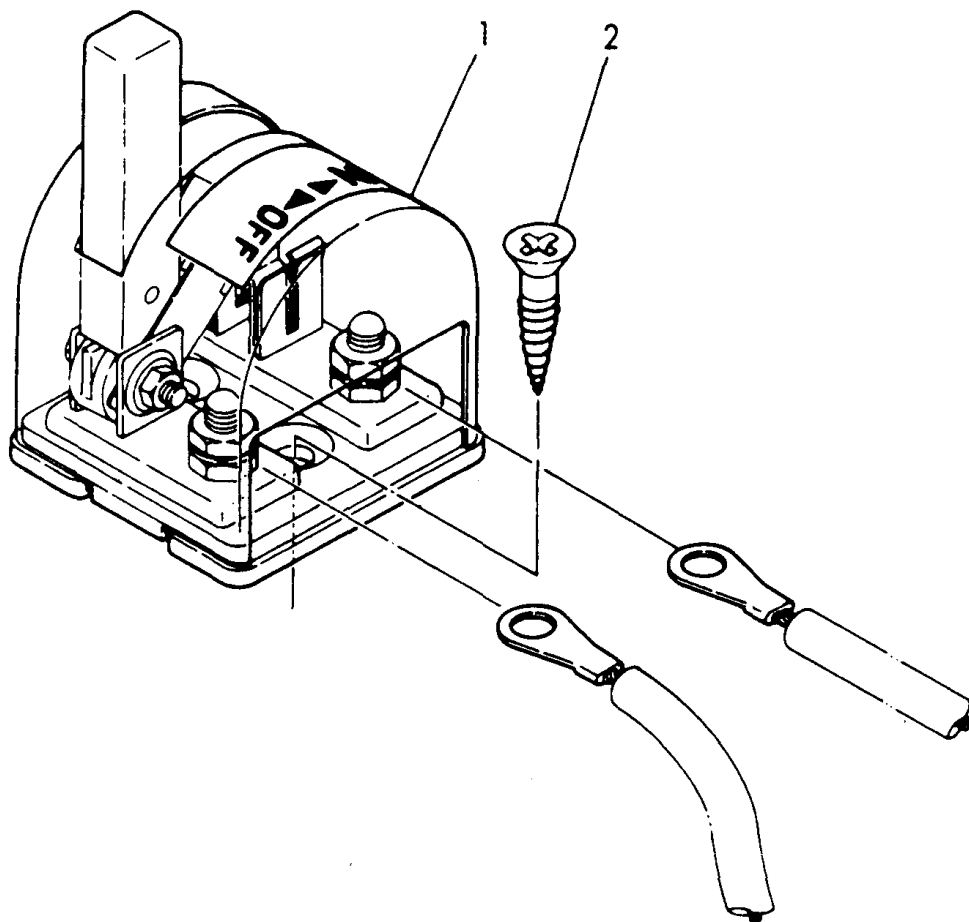
Fig. 64 ワイヤハーネス (ケイキパン C,Dタイプヨウ)
WIRE HARNESS (FOR C,D TYPE PANEL)



番号 No	線径 WIRE DIAMETER	線色 WIRE COLOR	番号 No	線径 WIRE DIAMETER	線色 WIRE COLOR
1 23	5.0	W : 白 WHITE	9 14	0.5	Or : 橙 ORANGE
2 22	0.5	Y/W : 黄・白 YELLOW WHITE	10 10	0.5	W/B : 白・黒 WHITE/BLACK
3 21	0.5	W/L : 白・青 WHITE BLUE	13 13	0.5	Y/B : 黄・黒 YELLOW/BLACK
4 29	0.5	R/B : 赤・黒 RED BLACK	17 24	5.0	R : 赤 RED
5 16	0.5	L/B : 青・黒 BLUE BLACK	18 25	5.0	B : 黒 BLACK
6 24	5.0	R : 赤 RED	30 31	5.0	L : 青 BLUE
7 25	0.5	B : 黒 BLACK	32 32	5.0	B : 黒 BLACK
8 15	0.5	L/R : 青・赤 BLUE RED			

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124060-39451	SWITCH, 0.2KG	1							
2	1	129470-77930	HARNESS, WIRE	1							
3	1	124770-77940	PROTECTOR	1							
4	1	124070-77950	CLAMP	1							
5	1	128170-91160	SENSOR	1							
6	1	127610-91350	SWITCH, 95	1							
7	1	46150-003091	SENDER UNIT	1							
8	1	144626-91590	SENDER UNIT, CW	1							
9	1	26106-080162	BOLT, M8X 16 PLATED	1							
10	1	129470-39600	DAMPER ASSY	1							
11	1	123482-39670	DAMPER	1							
12	1	22137-080000	WASHER, 8	1							
13	1	22217-080000	WASHER, SPRING 8	1							

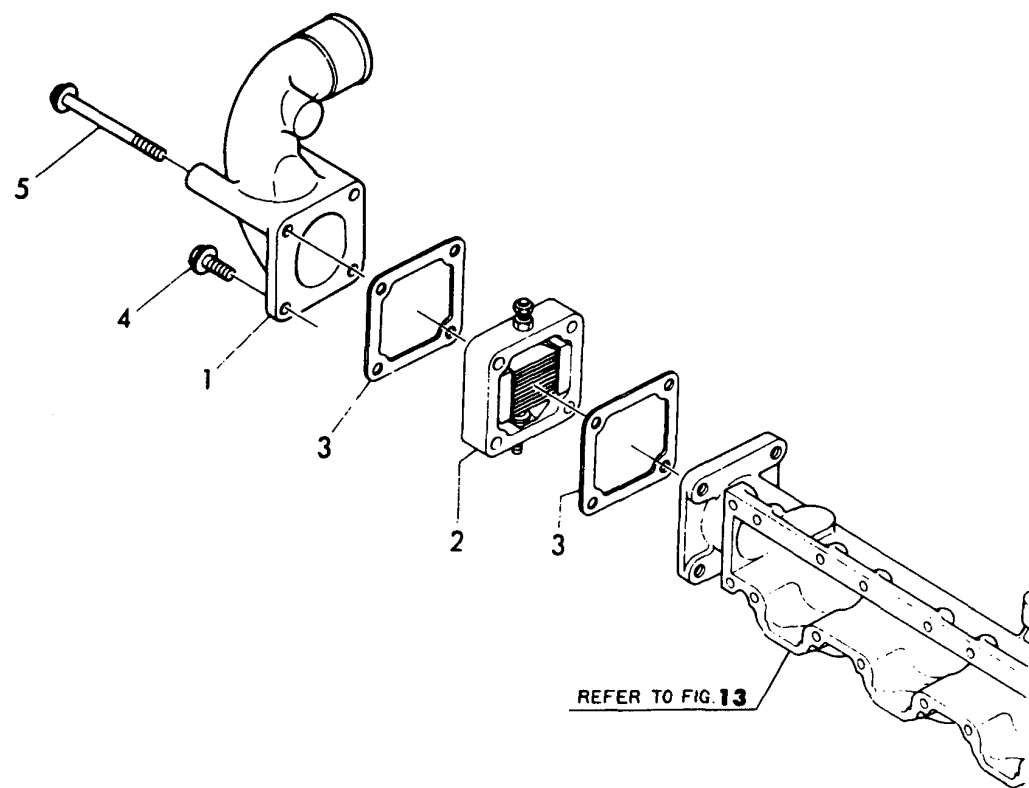
Fig. **65** バッテリスイッチ
BATTERY SWITCH



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

Fig.66. AIR HEATER

Fig.66 エアヒータ
AIR HEATER



REFER TO FIG. 13

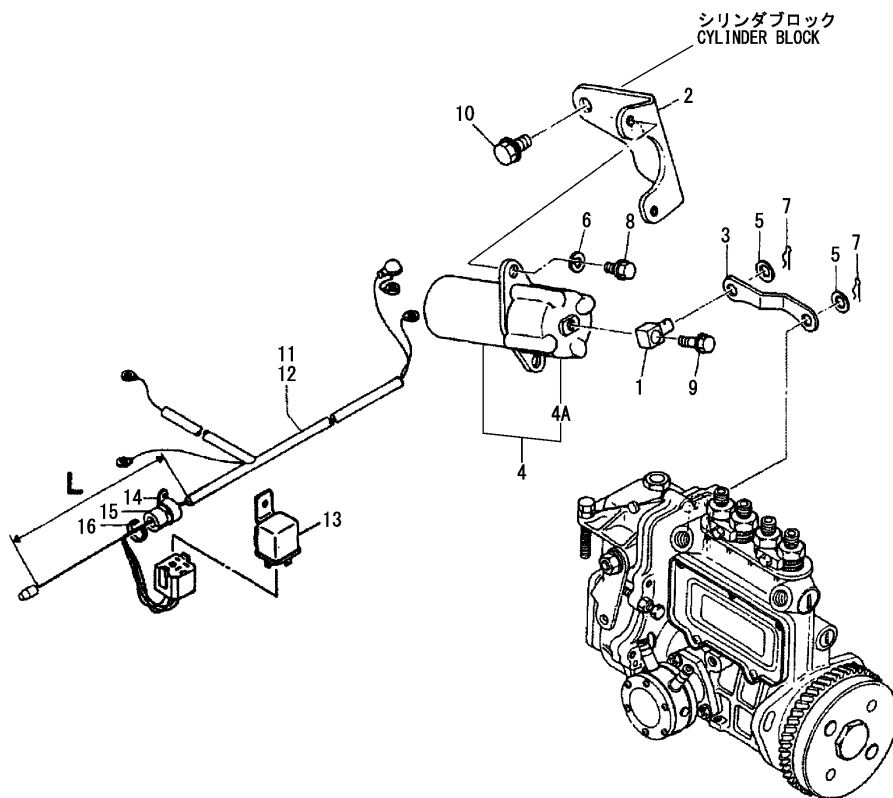
OCR10-M20200 Fig.66

(A)=4JH-DTE
(B)=
(C)=

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

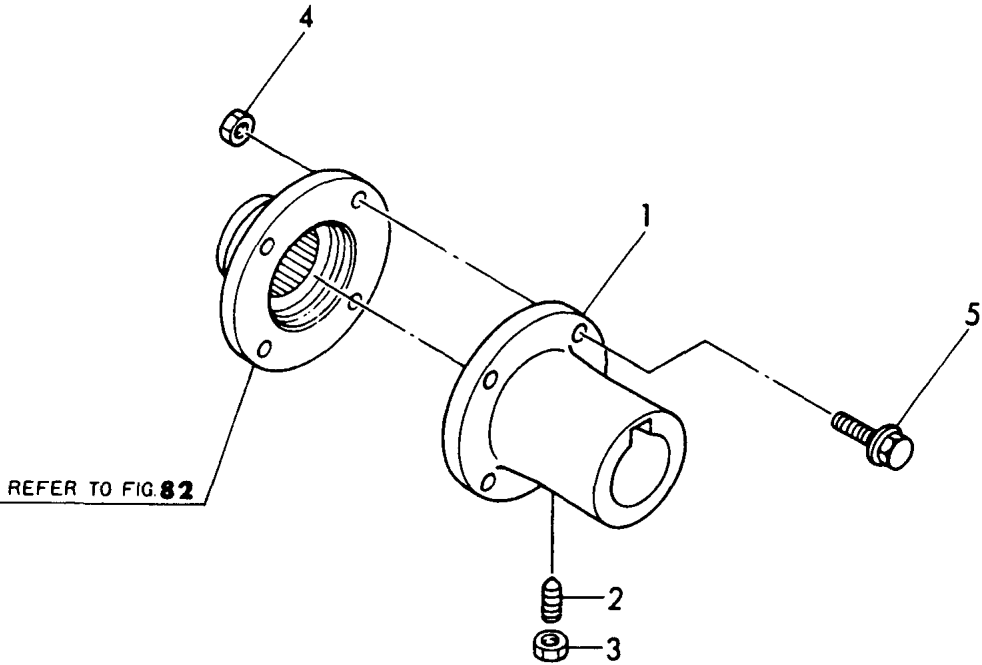
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129474-18170	BEND	1							
2	1	129400-77500	HEATER	1							
3	1	129150-77510	GASKET	2							
4	1	26106-080402	BOLT, M8X 40 PLATED	2							
5	1	26106-080952	BOLT, M8X 95 PLATED	2							

Fig.67. ENGINE STOP DEVICE



No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	171078-66551	PIN	1					
2	1	129470-67300	BRACKET, SOLENOID	1					
3	1	129470-67310	LINK	1					
4	1	129470-67320	SOLENOID, STOP 12V	1					
4A	2	119588-67330	CAP, SOLENOID	1					
5	1	22117-080000	WASHER, 8	2					
6	1	22217-060000	WASHER, SPRING 6	2					
7	1	22360-080000	SNAP PIN 8	2					
8	1	26106-060102	BOLT, M6X 10 PLATED	2					
9	1	26106-060202	BOLT, M6X 20 PLATED	1					
10	1	26106-080122	BOLT, M8X 12 PLATED	2					
11	1	129470-77970	HARNESS, WIRE L4000	1					
12	1	129470-77980	HARNESS, WIRE L7000	1					
13	1	124617-91850	RELAY, MR5A 12V	1					
14	1	124770-49310	RETAINER	1					
15	1	123682-77710	PROTECTOR, D27/16	1					
16	1	121750-59890	BAND, NYLON	1					

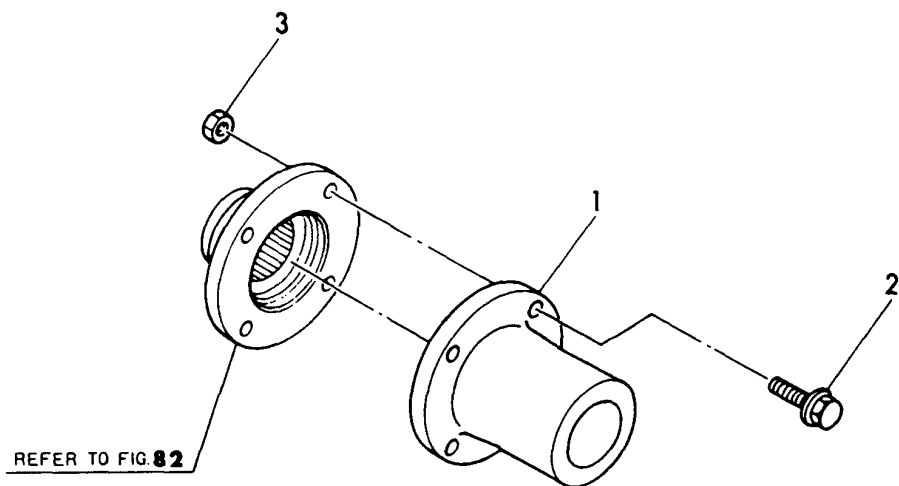
Fig.68 ソリッドカップリング
SOLIDE COUPLING



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	48110-034071	COUPLING 34	1							
2	1	48110-032411	SCREW	1							
3	1	26756-080002	NUT, LOCK M8	1							
4	1	26706-100002	NUT, M10	4							
5	1	26106-100322	BOLT, M10X 32 PLATED	4							

Fig.69. STRAIGHT COUPLING

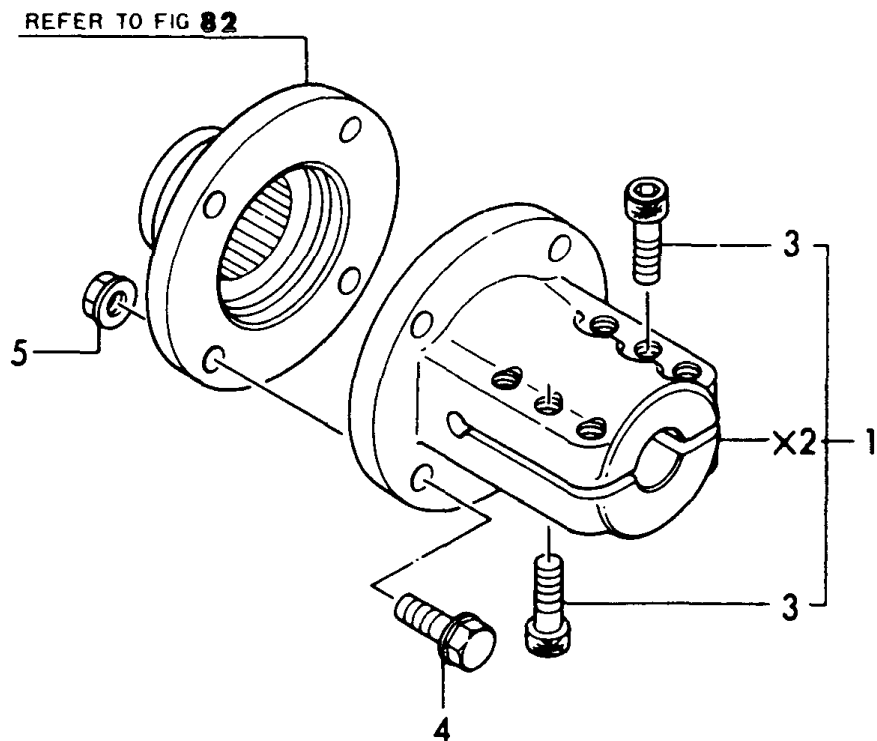
Fig. 69 ストレートカップリング
STRAIGHT COUPLING



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-85900	COUPLING	1							
2	1	26106-100322	BOLT, M10X 32 PLATED	4							
3	1	26706-100002	NUT, M10	4							

Fig.70. SLIT COUPLING

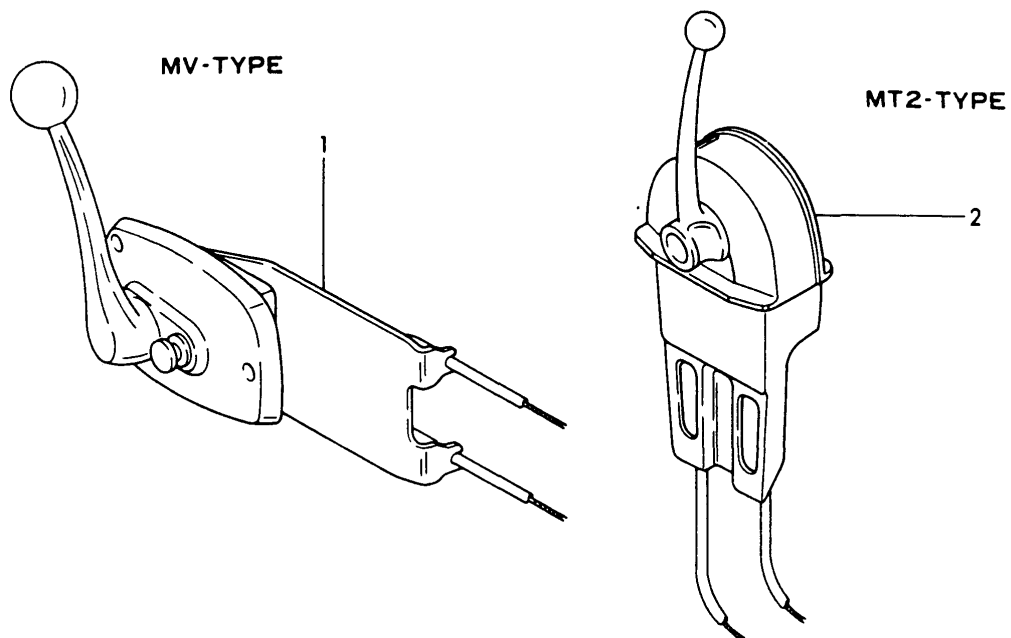
Fig. 70 スリットカップリング
SLIT COUPLING



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121370-83970	COUPLING ASSY	1							
3	2	26450-100302	BOLT, M10X 30	6							
4	1	26136-100322	BOLT, M10X 32 PLATED	4							
5	1	26736-100002	NUT, M10	4							

Fig.71. SINGLE LEVER CONTROL

Fig. **71** シングルレバーコントロール
SINGLE LEVER CONTROL

[illegible]

(A)=4JH-DTE
(B)=
(C)=

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

Fig. **72** モースケーブル
MORSE CABLE

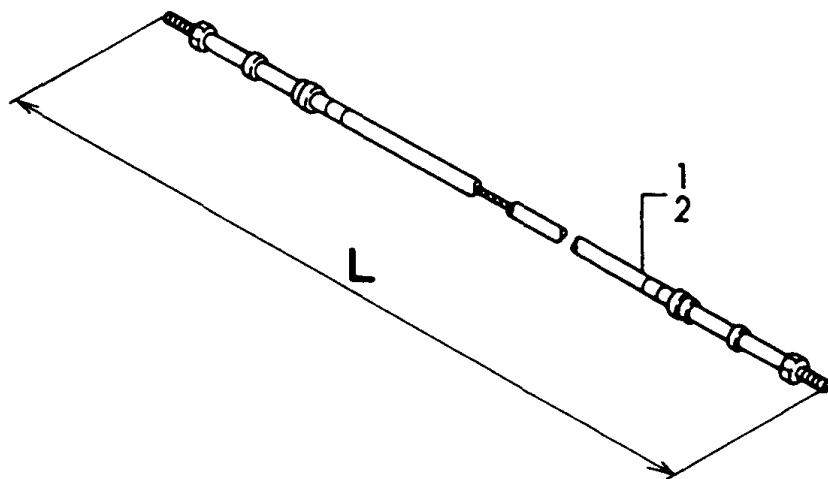
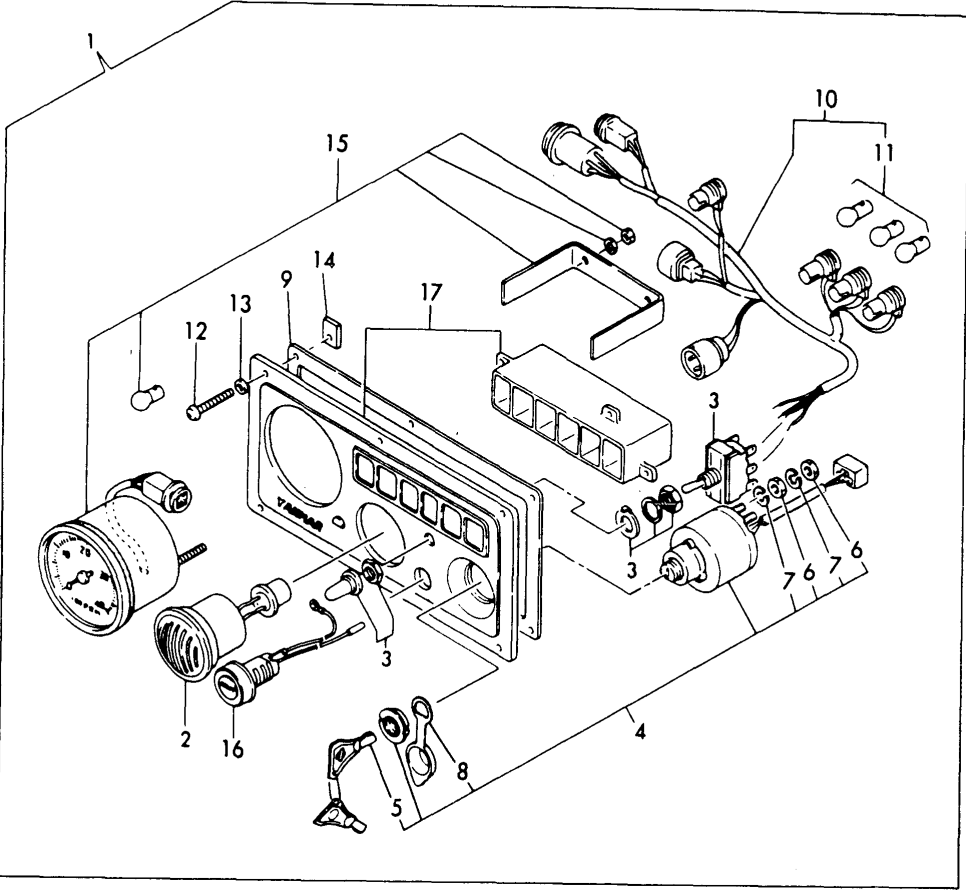
[illegible]

Fig.73. INSTRUMENT PANEL(B-2 TYPE)

Fig.73 ケイキバン (B-2タイプ)
INSTRUMENT PANEL (B-2 TYPE)



Remarks
1)PART NO.(124070-91300)IS MISPRINTED
PARTS NO.(129470-91190) IS CORRECT
CODE NO.
2)PART NO.(128170-91010)IS MISPRINTED
PARTS NO.(124411-91010) IS CORRECT
CODE NO.

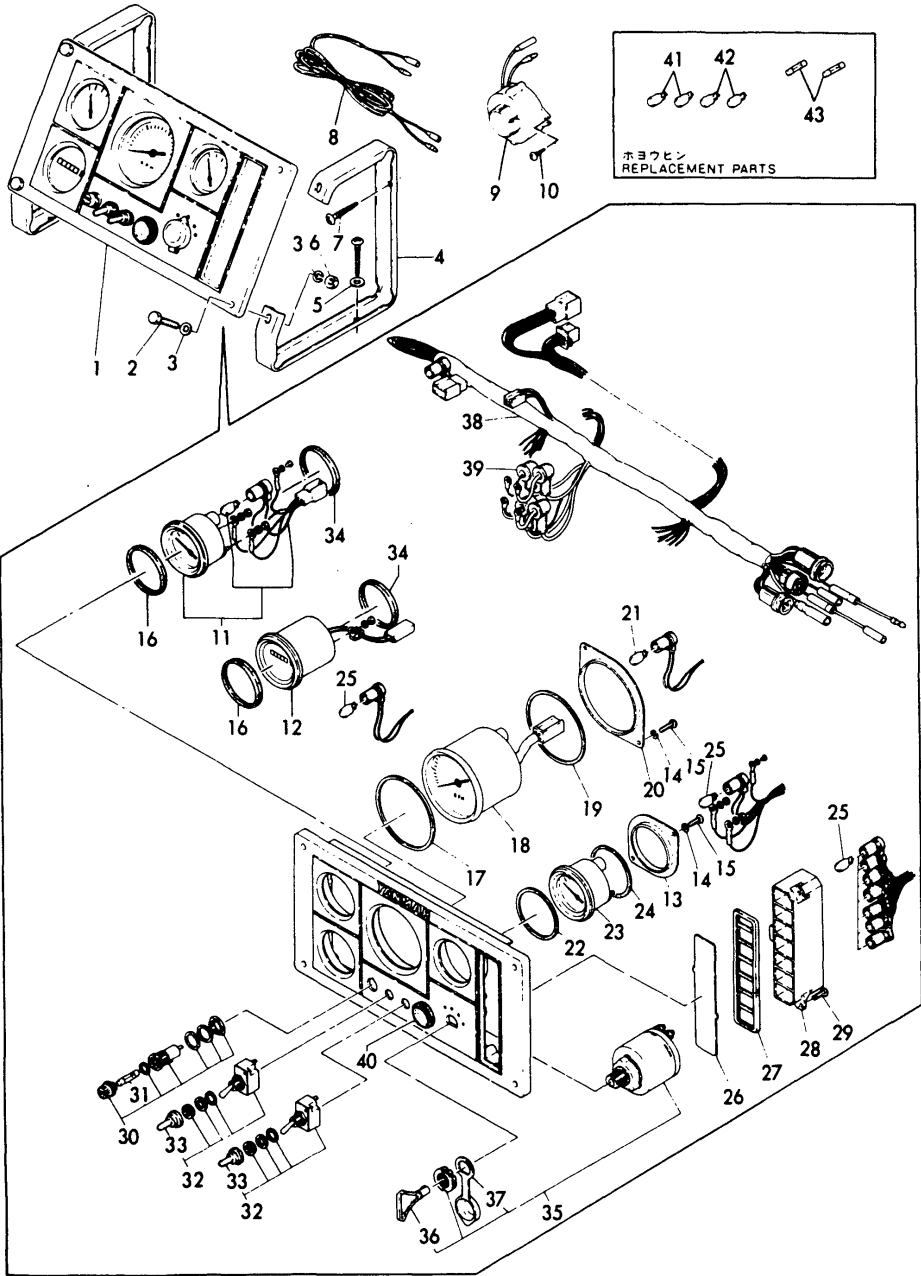
OCR10-M20200 Fig.73												
				(A)=4JH-DTE	(D)=							
				(B)=	(E)=							
				(C)=	(F)=							
No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	124411-91190	PANEL ASSY	1								
2	2	104271-91351	BUZZER	1								
3	2	128170-91310	SWITCH	1								
4	2	127412-91250	SWITCH, KEY	1								
5	3	123482-91291	KEY	1								
6	3	26716-050002	NUT, M5	10								
7	3	22217-050000	WASHER, SPRING 5	10								
8	3	127620-91820	COVER	1								
9	2	128170-91020	GASKET	1								
10	2	128170-91031	HARNESS, WIRE	1								
11	3	194151-55820	BULB, 12V3.4W	3								
12	2	128170-91810	SCREW, M5X35	6								
13	2	128170-91820	WASHER, 5	6								
14	2	128170-91830	NUT, M5	6								
15	2	128696-91100	TACHOMETER	1								
16	2	124070-91300	SWITCH	1							1	
16-1	2	129470-91190	SWITCH, STOP	1								
17	2	128170-91010	BODY, PANEL	1							2	
17-1	2	124411-91010	BODY, PANEL	1								
(A=*1985.10)												

Fig.74. INSTRUMENT PANEL(C TYPE)

(A)=4JH-DTE
(B)=
(C)=

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

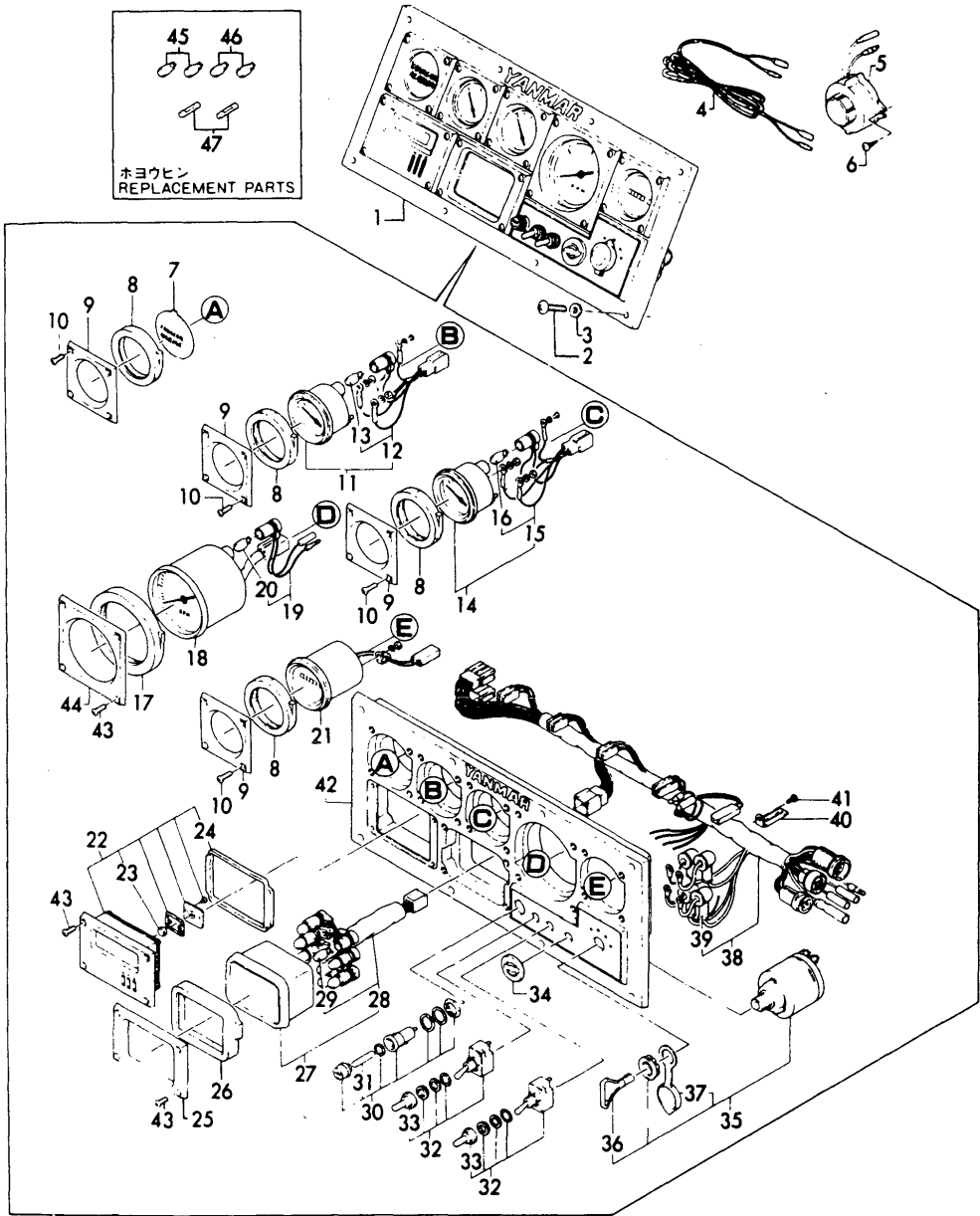
Fig.74 ケイキバン (Cタイプ)
INSTRUMENT PANEL (C TYPE)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129470-91100	PANEL ASSY	1							
2	2	127620-91500	SCREW	4							
3	2	127620-91510	WASHER	8							
4	2	127410-91680	BRACKET, PANEL	2							
5	2	127620-91560	WASHER	4							
6	2	127620-91550	NUT	4							
7	2	127620-91570	SCREW	4							
8	2	127620-91580	HARNESS, WIRE	1							
9	2	124617-91900	BUZZER	1							
10	2	22717-410160	SCREW, 4.1X16	2							
11	2	129470-91160	GAUGE	1							
12	2	157854-04300	HOUR METER	1							
13	2	127410-91510	BRACKET	3							
14	2	127410-91520	WASHER	8							
15	2	127410-91530	SCREW	8							
16	2	127410-91580	GASKET	2							
17	2	127410-91550	GASKET	1							
18	2	129470-91170	TACHOMETER	1							
19	2	127410-91560	GASKET	1							
20	2	127410-91570	BRACKET	1							
21	2	124617-91920	BULB, 12V-3W	1							
22	2	127410-91580	GASKET	1							
23	2	124617-91840	THERMOMETER, WATER	1							
24	2	127410-91590	GASKET	1							
25	2	124617-91980	BULB, 12V-1.7W	6							
26	2	127410-91600	LENS	1							
27	2	127410-91610	RETAINER	1							
28	2	127410-91620	BODY	1							
29	2	127410-91630	SCREW	3							
30	2	46150-003610	BOX(WITH OUT FUSE	1							
31	3	124617-91990	FUSE	3							
32	2	127620-91790	SWITCH	2							
33	3	127620-91780	CAP, RUBBER	2							
34	2	127410-91590	GASKET	2							
35	2	121575-91250	SWITCH, KEY	1							
36	3	123482-91291	KEY	2							
37	3	127620-91820	COVER	1							
38	2	129470-91150	HARNESS ASSY, WIRE	1							
39	2	127620-91830	CAP, RUBBER	4							
40	2	129470-91190	SWITCH, STOP	1							
41	2	124617-91980	BULB, 12V-1.7W	2							
42	2	124617-91920	BULB, 12V-3W	2							
43	2	124617-91900	BUZZER	2							

Fig.75. INSTRUMENT PANEL(D TYPE)

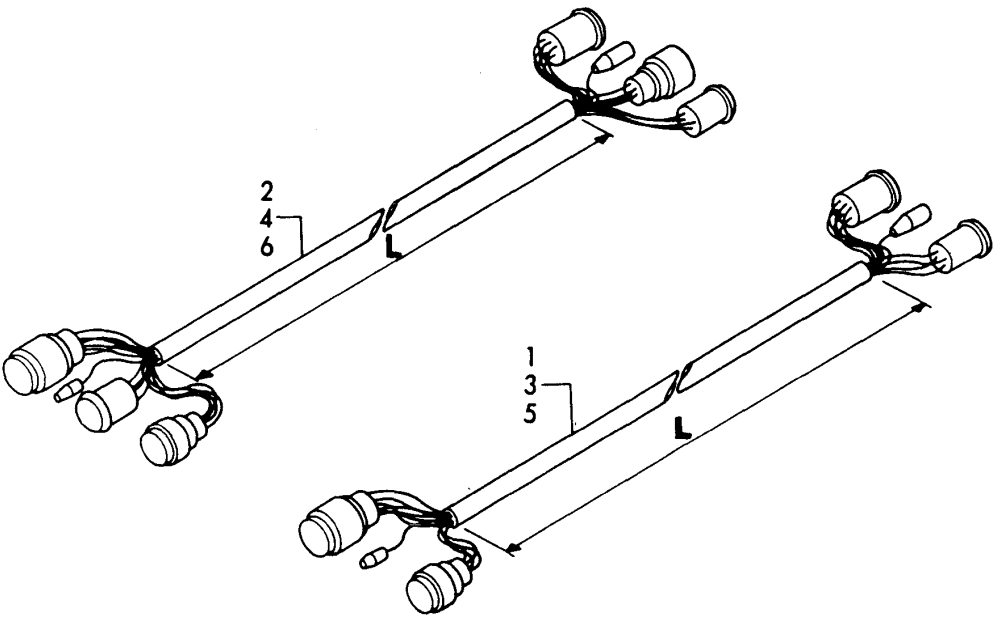
Fig.75 ケイキパン(Dタイプ)
INSTRUMENT PANEL (D TYPE)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124411-91180	PANEL ASSY	1							
2	2	127620-91500	SCREW	8							
3	2	127620-91510	WASHER	8							
4	2	127620-91580	HARNESS, WIRE	1							
5	2	124617-91900	BUZZER	1							
6	2	22717-410160	SCREW, 4.1X16	2							
7	2	127620-91600	COVER	1							
8	2	127620-91610	RUBBER	4							
9	2	127620-91620	BRACKET	4							
10	2	127620-91630	SCREW	16							
11	2	124617-91830	GAUGE	1							
12	3	124617-91910	HARNESS, WIRE	1							
13	4	124617-91920	BULB, 12V-3W	1							
14	2	124617-91840	THERMOMETER, WATER	1							
15	3	124617-91930	HARNESS, WIRE	1							
16	4	124617-91920	BULB, 12V-3W	1							
17	2	127620-91690	RUBBER	1							
18	2	128696-91100	TACHOMETER	1							
19	2	124617-91950	HARNESS, WIRE	1							
20	3	124617-91920	BULB, 12V-3W	1							
21	2	124617-91820	METER, HOUR	1							
22	2	127620-91240	TIMER	1							
23	3	127620-91250	CELL	1							
24	3	127620-91720	GASKET	1							
25	2	127620-91730	BRACKET	1							
26	3	127620-91740	RUBBER	1							
27	2	124617-91810	BOX ASSY, PILOT	1							
28	3	124617-91970	HARNESS, WIRE	1							
29	4	124617-91980	BULB, 12V-1.7W	8							
30	2	46150-003610	BOX(WITH OUT FUSE	1							
31	3	124617-91990	FUSE	1							
32	2	127620-91790	SWITCH	2							
33	3	127620-91780	CAP, RUBBER	2							
34	2	127620-91810	PLUG	1							
35	2	121575-91250	SWITCH, KEY	1							
36	3	123482-91291	KEY	2							
37	3	127620-91820	COVER	1							
38	2	124617-91940	HARNESS, WIRE	1							
39	3	127620-91830	CAP, RUBBER	4							
40	2	127620-91860	RETAINER	1							
41	2	127620-91870	SCREW	1							
42	2	127620-91930	PANEL	1							
43	2	127620-91630	SCREW	12							
44	2	127620-91410	BRACKET	1							
45	2	124617-91980	BULB, 12V-1.7W	2							
46	2	124617-91920	BULB, 12V-3W	2							
47	2	124617-91990	FUSE	2							

Fig.76. EXTENSION WIRE

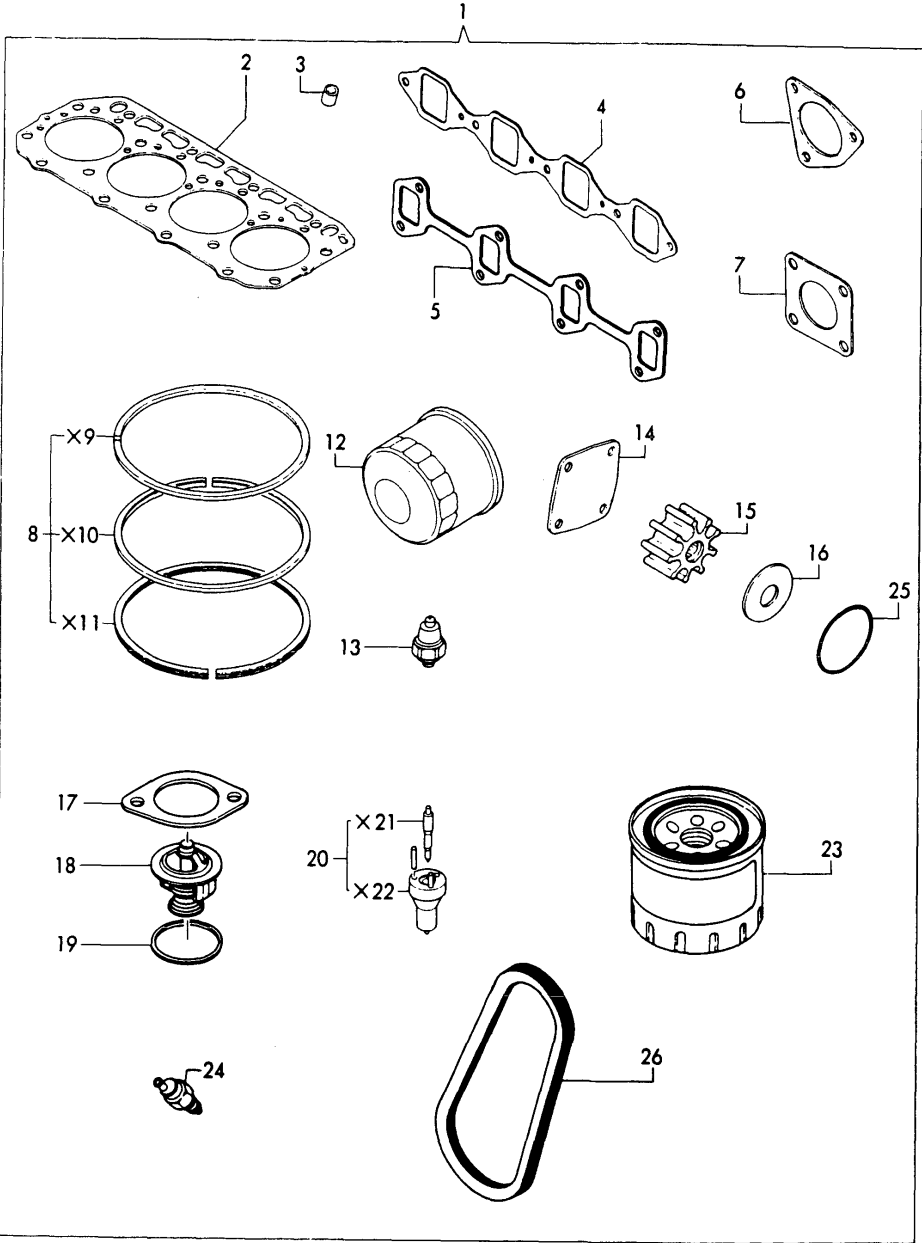
Fig.76 エクステンションコード
EXTENSION WIRE



Remarks
A) FOR B-2 TYPE PANEL
B) FOR C,D TYPE PANEL

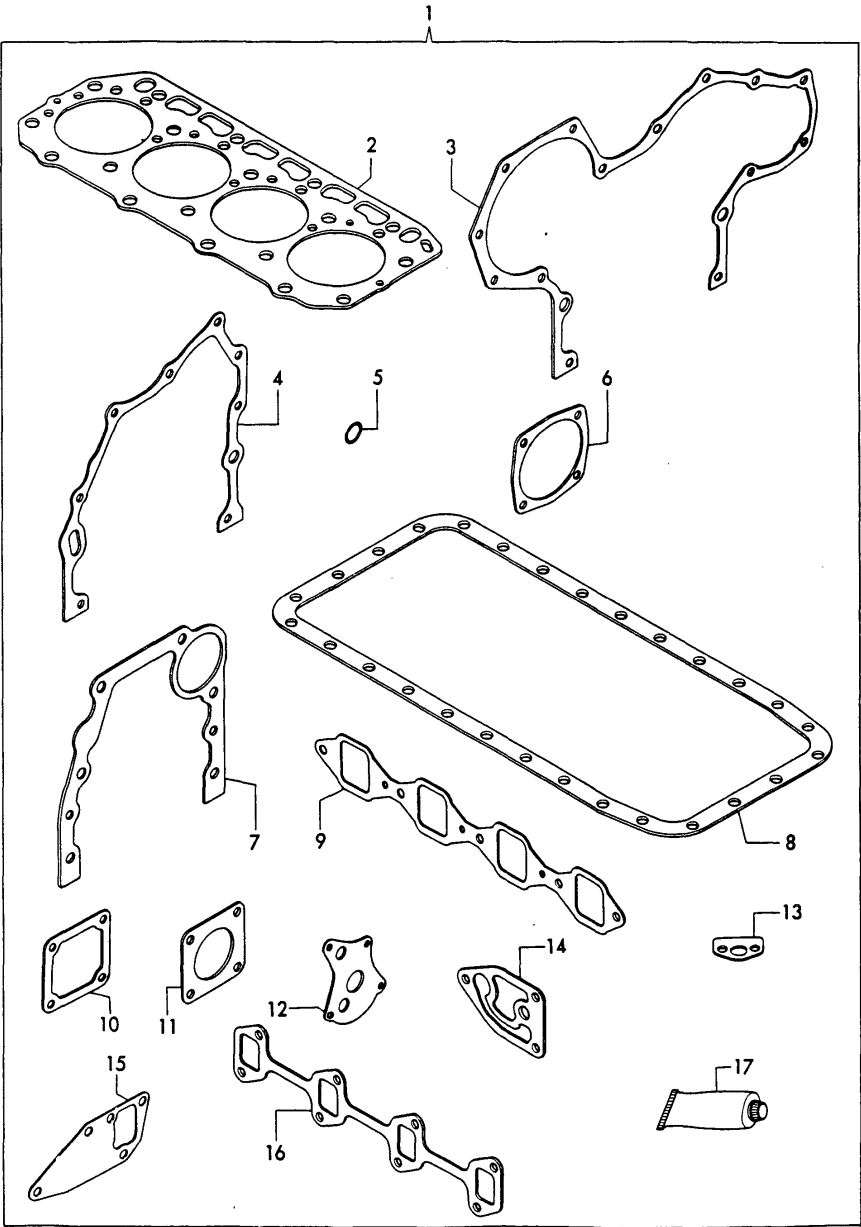
OCR10-M20200 Fig.76													
				(A)=4JH-DTE	(D)=								
				(B)=	(E)=								
				(C)=	(F)=								
No.	Lev.	Parts No.	Description	Q'ty								I	R
				(A)	(B)	(C)	(D)	(E)	(F)				
1	1	129772-77500	HARNESS, WIRE 3.8M	1							A		
2	1	129470-77500	CORD, EXTENSION 3800	1							B		
3	1	129470-77510	CORD, EXTENSION 1800	1							A		
4	1	129470-77520	CORD, EXTENSION 1800	1							B		
5	1	129470-77530	HARNESS, WIRE 5.8M	1							A		
6	1	129470-77540	CORD, EXTENSION 5800	1							B		

Fig.77 スペアパーツ
REPAIR SET



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729474-92501	PARTS KIT, SPARE	1							
1-1	1	729473-92500	PARTS KIT, SPARE	1							
(A=*1986.12)											
2	2	129553-01350	GASKET, HEAD T=1.4	1							
3	2	119625-11870	PROTECTOR, NOZZLE	4							
4	2	129550-12110	GASKET, MANIFOLD	1							
5	2	129550-13110	GASKET	1							
6	2	129792-13520	GASKET	1							
7	2	129792-18090	GASKET	1							
8	2	729470-22500	RING SET, PISTON	4							
12	2	129150-35150	FILTER 90X80L	1							
13	2	124060-39451	SWITCH, 0.2KG	1							
14	2	129470-42520	COVER	1							
15	2	129470-42530	IMPELLER	1							
16	2	129470-42540	PLATE	1							
17	2	129795-49550	GASKET	1							
18	2	129470-49801	THERMOSTAT, 76.5	1							
19	2	129150-49810	GASKET, THERMOSTAT	1							
20	2	129499-53002	VALVE ASSY,INJECTION	1							
20-1	2	129595-53000	VALVE ASSY,INJECTION	4							
(A=*1986.12)											
23	2	129470-55700	STRAINER	1							
24	2	127610-91350	SWITCH, 95	1							
25	2	24341-000600	O-RING, 1AS60.0	1							
26	2	25132-004600	V-BELT, A46	1							

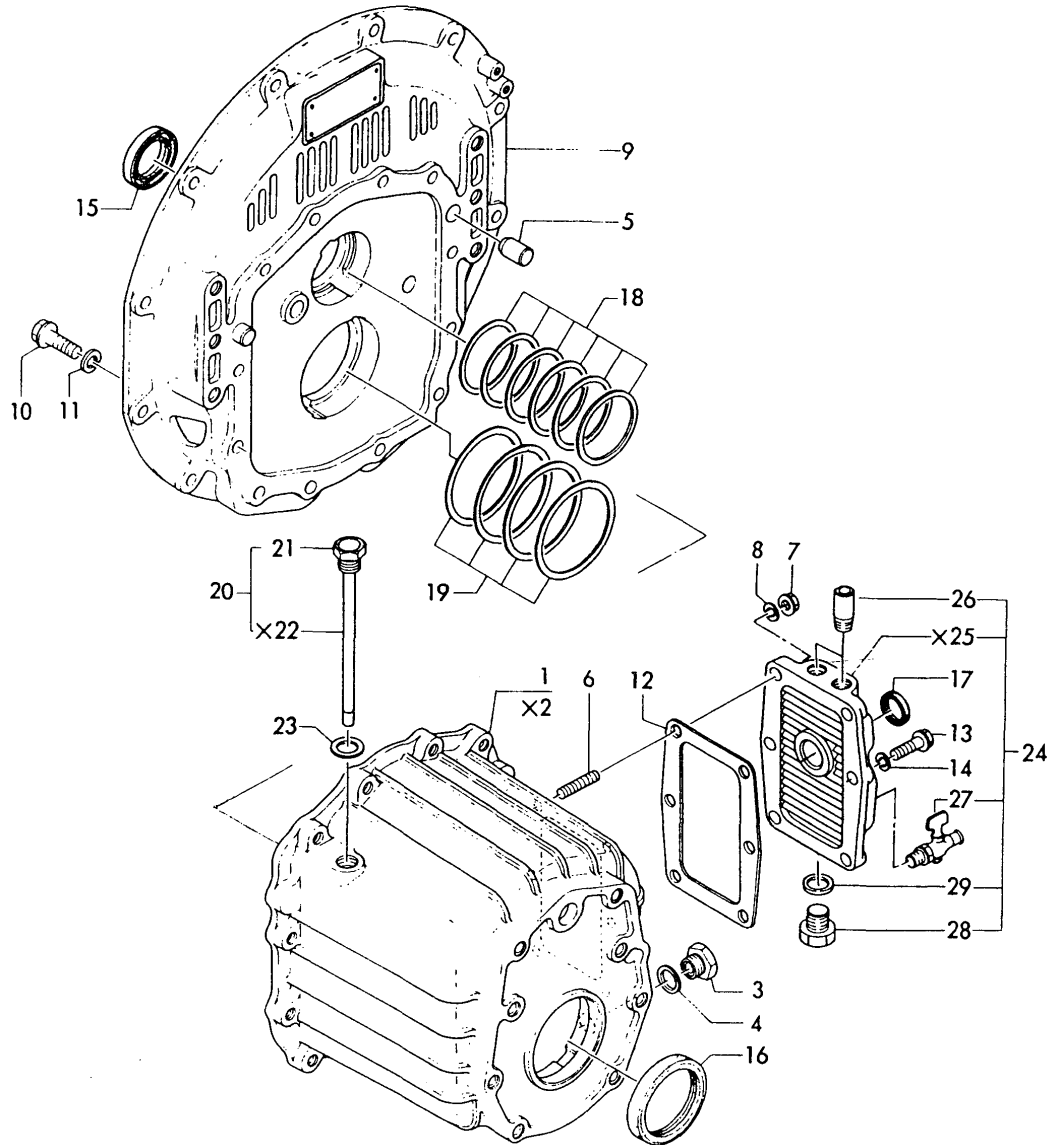
Fig.78 パッキンセット
GASKET SET



				(A)=4JH-DTE (B)= (C)=	(D)= (E)= (F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729470-92600	GASKET SET	1							
2	2	129553-01350	GASKET, HEAD T=1.4	1							
3	2	129150-01510	GASKET, GEAR CASE	1							
4	2	129150-01530	GASKET, GEAR CASE	1							
5	2	129470-01550	O-RING	2							
6	2	129150-01880	GASKET	2							
6-1	2	129470-01880	GASKET, GEAR CASE	2							R
(A=*1988.10)											
6-2	2	129150-01881	GASKET	2							R
(A=*1991.03)											
6-3	2	129C26-01890	GASKET, HO-P	2							R
(A=EXXXXX)											
7	2	129100-01620	GASKET	1							
8	2	129400-01750	GASKET, OIL SUMP	1							
9	2	129550-12110	GASKET, MANIFOLD	1							
10	2	129150-77510	GASKET	1							
11	2	129792-18090	GASKET	1							
12	2	129150-32020	GASKET, PUMP	1							
13	2	129150-35040	GASKET	1							
14	2	129470-35120	GASKET	1							
15	2	129150-42020	GASKET, WATER PUMP	1							
16	2	129550-13110	GASKET	1							
17	2	977770-01212	GASKET, LIQUID	1							

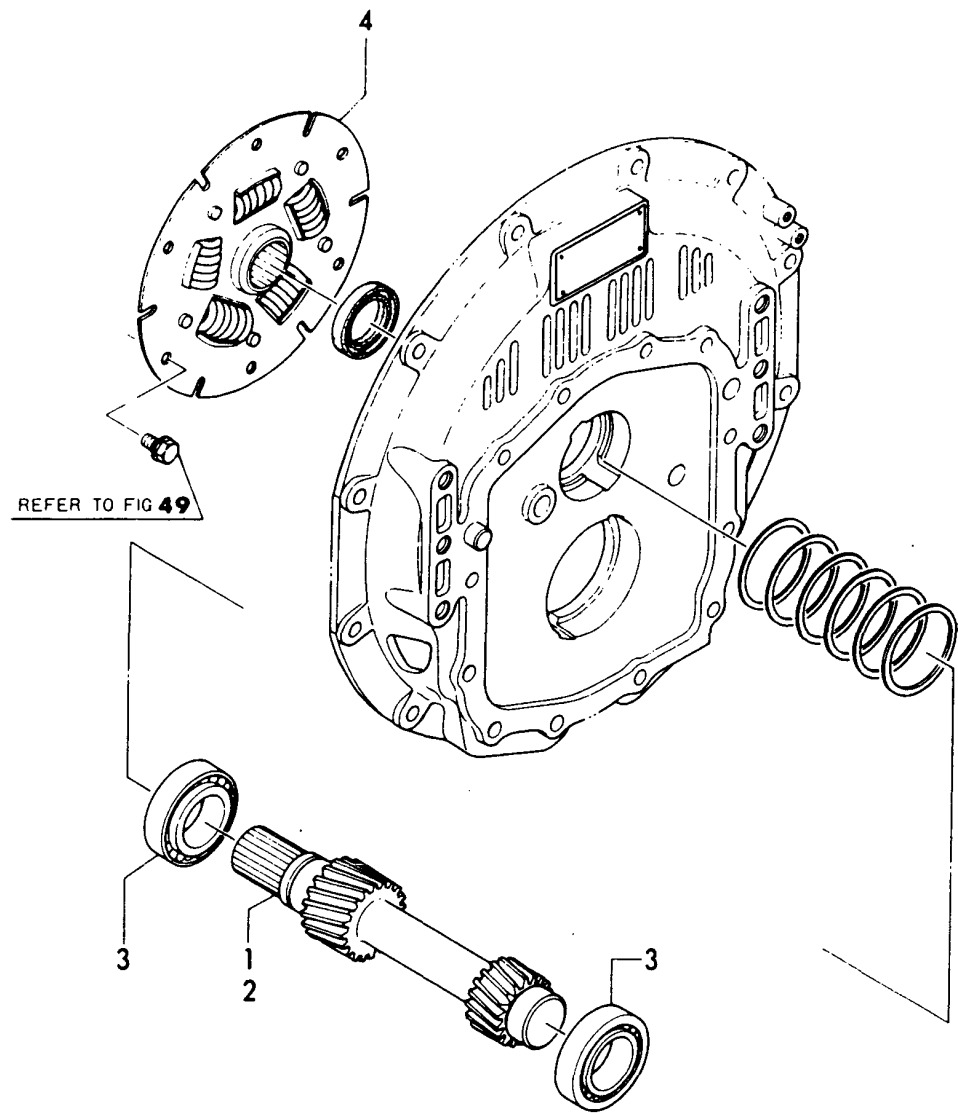
Fig.79. CLUTCH HOUSING

Fig.79 クラッチケース
CLUTCH HOUSING



							OCR10-M20200 Fig.79					
							(A)=KBW-21		(D)=			
							(B)=		(E)=			
							(C)=		(F)=			
No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	777075-02550	HOUSING ASSY, CLUTCH	1								
3	2	177035-02920	PLUG, MAGNET M16X1.5	1								
4	2	23414-160021	GASKET, 16X1.0	1								
5	2	177099-02130	PIN, PARALLEL	2								
6	2	26216-080222	STUD, M8X 22	3								
7	2	26366-080002	NUT, M8	3								
8	2	22287-080000	WASHER, 8	3								
9	1	177075-02050	FLANGE	1								
10	1	26106-100302	BOLT, M10X 30 PLATED	12								
11	1	22287-100000	WASHER, 10	12								
12	1	177099-02091	GASKET	1								
13	1	26106-080252	BOLT, M8X 25 PLATED	3								
14	1	22287-080000	WASHER, 8	3								
15	1	177095-02960	SEAL SB35 47 7, OIL	1								
16	1	177090-02970	SEAL TC54 70 9, OIL	1								
17	1	177095-02980	SEAL, OIL	1								
18	1	177075-02150	SHIM SET	1								
19	1	177075-02250	SHIM SET	1								
20	1	177099-02450	DIPSTICK	1								
21	2	177099-02470	COVER	1								
23	1	23414-160021	GASKET, 16X1.0	1								
24	1	777075-04800	COOLER ASSY	1								
26	2	177075-04050	JOINT, PT1/4	2								
27	2	128695-44090	COCK	1								
28	2	23883-160002	PLUG, 16	1								
29	2	23414-160021	GASKET, 16X1.0	1								

Fig.80 ニュウリョクジク
INPUT SHAFT



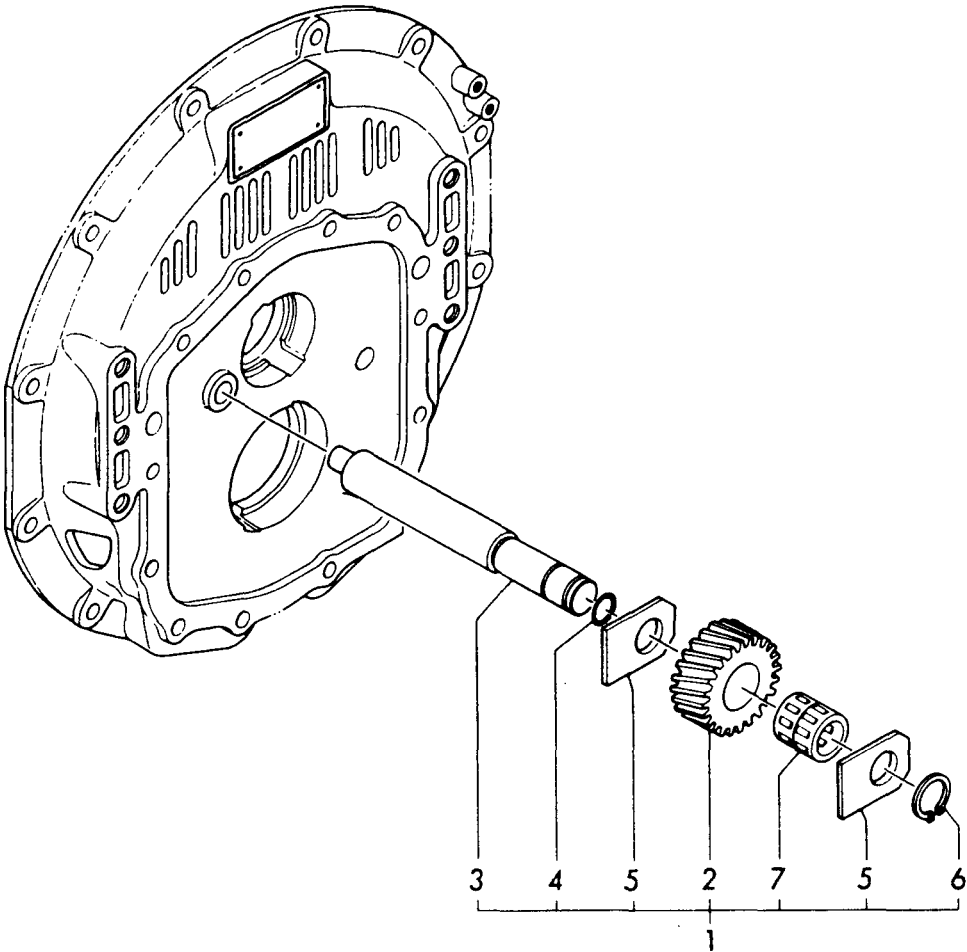
				OCR10-M20200 Fig.80							
				(A)=KBW-21	(D)=						
				(B)=	(E)=						
				(C)=	(F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177075-03620	SHAFT, INPUT I=2.17	1							
2	1	177075-03030	SHAFT, INPUT I=2.62	1							
3	1	24141-320070	BEARING, 32007	2							
4	1	177090-03500	DISC, DAMPER	1							

Fig.81. COUNTER SHAFT

(A)=KBW-21
(B)=
(C)=

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

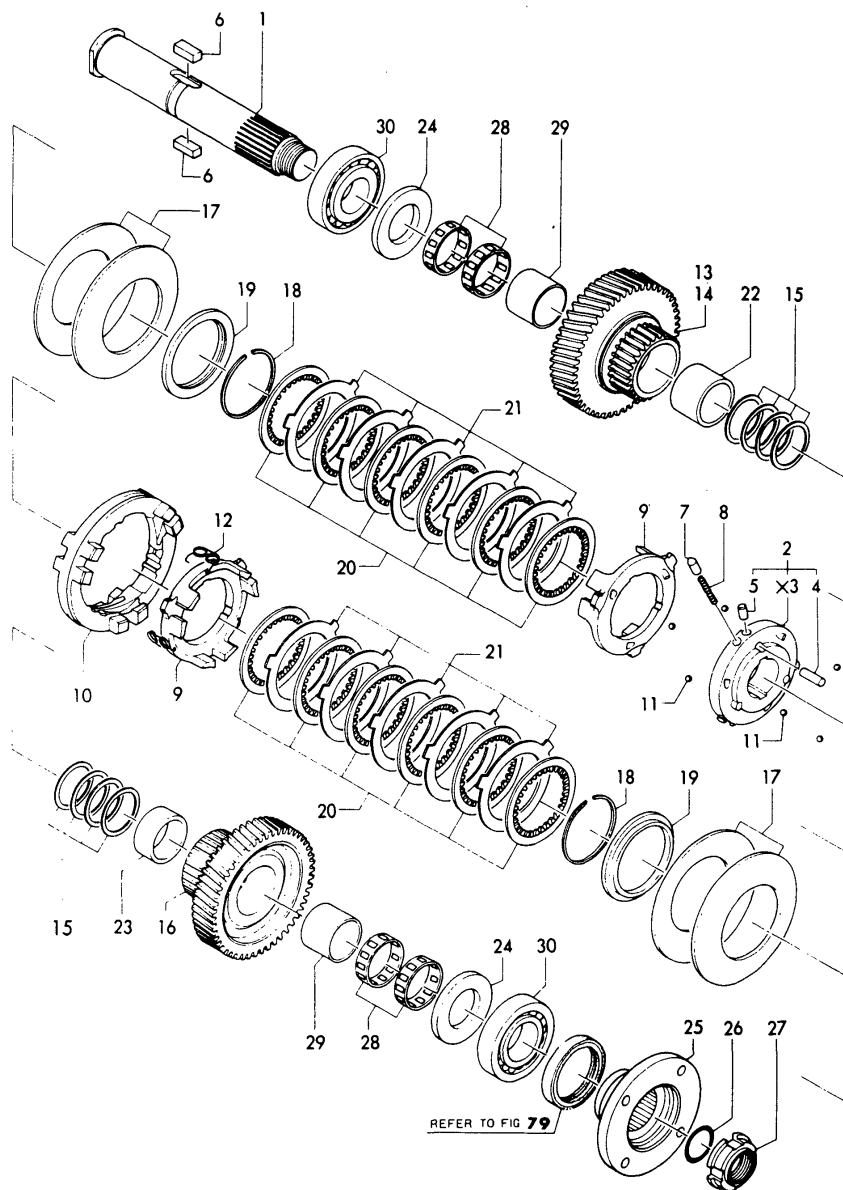
Fig.81 チュウカンジク
COUNTER SHAFT



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	777075-03021	SHAFT ASSY	1							
2	2	177075-03300	GEAR, Z=25	1							
3	2	177075-03311	SHAFT	1							
4	2	24311-000180	O-RING, 1AP18.0	1							
5	2	177075-03320	WASHER, THRUST	2							
6	2	22242-000220	RING, 22	1							
7	2	24161-222916	BEARING, 222916	2							

Fig.82. OUTPUT SHAFT

Fig. 82 スイリョクジク
OUTPUT SHAFT

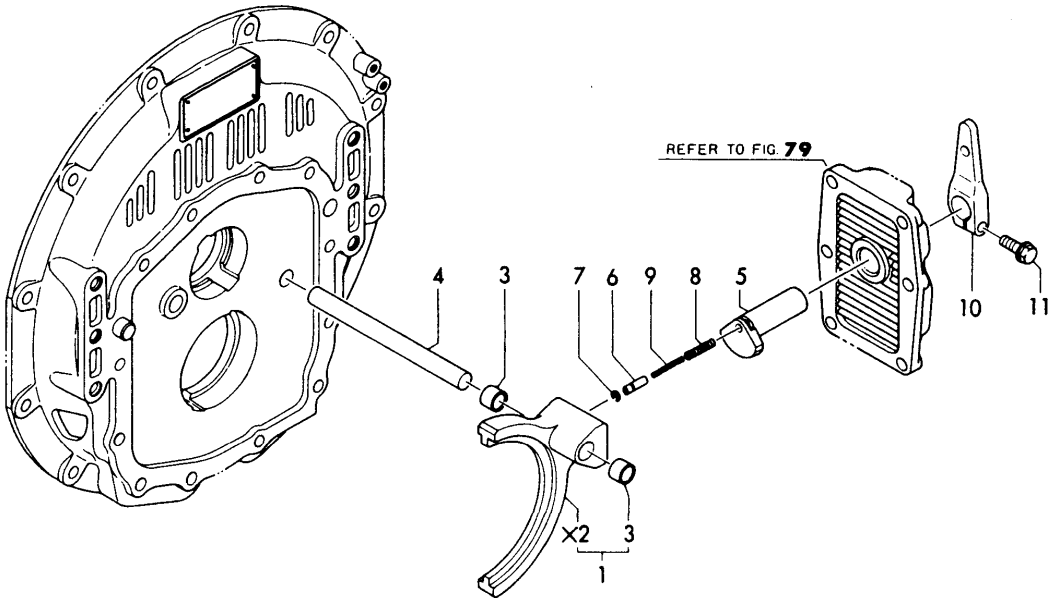


REFER TO FIG **79**

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177075-03020	SHAFT, THRUST	1							
2	1	177075-03040	PLATE ASSY, DRIVE	1							
4	2	177095-03030	PIN, PARALLEL	3							
5	2	177095-03040	PIN, PARALLEL	3							
6	1	177090-03230	KEY	2							
7	1	177095-03190	PIN	3							
8	1	177095-03200	SPRING	3							
9	1	177075-03250	PLATE	2							
10	1	177075-03220	RING	1							
11	1	24190-120000	BALL 3/8	6							
12	1	177095-03210	SPRING	3							
13	1	177075-03640	GEAR, I=2.17 Z=52	1							
14	1	177075-03090	GEAR, I=2.62 Z=55	1							
15	1	177075-03800	SHIM SET	2							
16	1	177075-03110	GEAR, Z=55	1							
17	1	177075-03960	SPRING	4							
18	1	177075-03280	CIRCLIP	2							
19	1	177075-03130	RETAINER	2							
20	1	177075-03880	DISK, FRICTION	12							
21	1	177020-03380	PLATE, STEEL	10							
22	1	177075-03160	SPACER	1							
23	1	177075-03170	SPACER	1							
24	1	177075-03270	COLLAR, THRUST	2							
25	1	177075-03550	COUPLING	1							
26	1	24311-000350	O-RING, 1AP35.0	1							
27	1	177075-03540	NUT, LOCK	1							
28	1	24161-455017	BEARING, 455017	4							
29	1	177075-03470	RACE, INNER	2							
30	1	24141-302080	BEARING, 30208	2							

Fig.83. CONTROL DEVICE

Fig.83 ソウジュウソウチ
CONTROL DEVICE



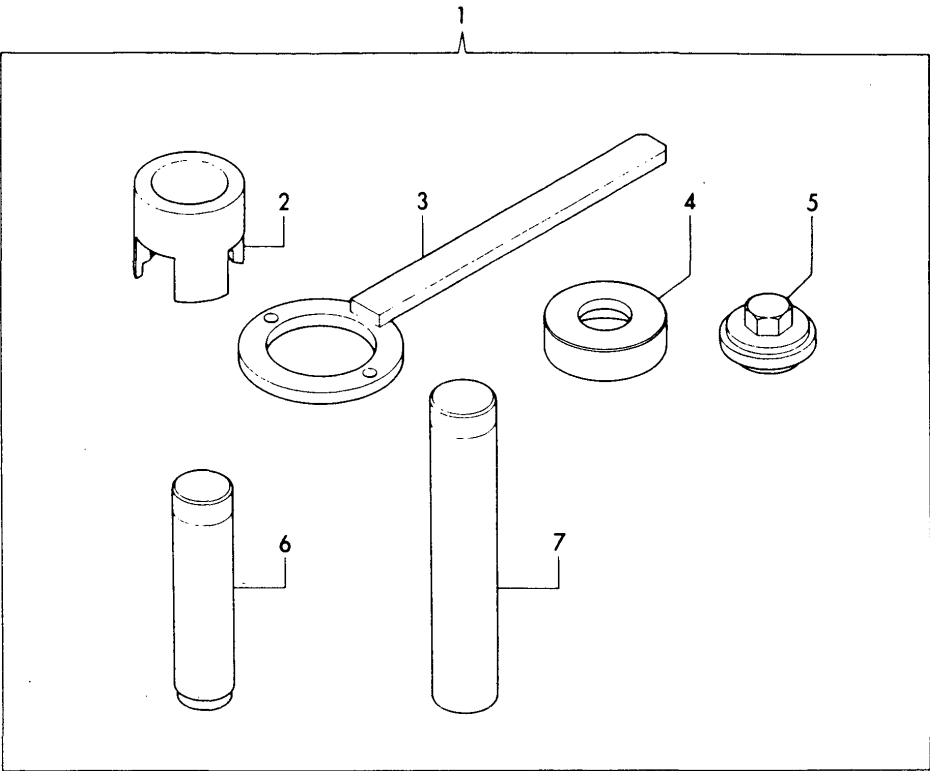
OCR10-M20200 Fig.83

(A)=KBW-21
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	177075-06011	FORK ASSY, SHIFT	1							
3	2	177095-06070	BEARING	2							
4	1	177075-06040	BAR, SHIFT	1							
5	1	177095-06030	CAM, SHIFT	1							
6	1	177095-06050	PIN	1							
7	1	177095-06140	CIRCLIP	1							
8	1	177095-03200	SPRING	1							
9	1	177095-06060	SPRING	1							
10	1	177075-06050	LEVER	1							
11	1	26106-080252	BOLT, M8X 25 PLATED	1							

Fig.84 **84** ブンカイコウグ(トクベツチュウモンブヒン)
TOOLS (OPTIONAL PARTS)



OCR10-M20200 Fig.84

(A)=KBW-21
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty				I	R
				(C)	(D)	(E)	(F)				
1	1	777075-09500	TOOLS ASSY	1							
2	2	177095-09070	SPRING	1							
3	2	177075-09050	CIRCLIP	1							
4	2	177075-09010	SPACER	1							
5	2	177075-09020	SOCKET	1							
6	2	177075-09030	TOOL	1							
7	2	177075-09040	TOOL	1							

Parts No. Index

Parts No.	Fig. No.	Ref. No.
*REF. 13=11	11	24
*REF. 2=13	1	16
*REF. 3= 5	1	17
*REF. 32=21	11	25
*REF. 37	36	66
*REF. 44	36	67
*REF. 5	1	18
*REF. 6= 1	1	19
*REF. 7=1	12	6
*REF. 7=2	12	7
*REF. 7=3	12	8
*REF. 7=4	12	9
*REF. 7=5	12	10
*REF. 7=6	12	11
*REF.11=41	1	20
*REF.29= 3	1	21
102210-07990	9	9
103338-11190	11	18
104200-59170	42	4
	43	2
104200-92350	51	7
104200-92600	51	2
104214-39720	25	4
104264-59020	42	1
104271-49060	24	10
104271-91351	73	2
105582-59540	42	2
114250-53080	38	5
114250-53120	38	9
114250-53130	38	10
114250-53140	38	11
114250-53210	38	12
114250-53400	38	13
119588-67330	67	4 A
119620-54900	39	10
119625-11870	11	26
	77	3
119625-11880	11	28
119625-11900	11	27
120130-11160	11	7
120130-49350	17	16
120322-33050	32	20 A
120445-44540	52	4
120445-44600	32	12
120445-44620	9	5
	32	15
120445-44640	32	16
121023-01550	2	5
121100-22400	20	8
121111-21501	19	5

Parts No.	Fig. No.	Ref. No.
121250-59550	43	3
121252-39150	28	3
121370-08351	52	1
121370-83970	70	1
121400-11340	11	19
121450-01560	2	7
121550-23200	21	4
121575-91250	74	35
	75	35
121750-03080	7	3
121750-59890	42	8
	67	16
121850-01910	12	4
121850-01920	17	21
121850-11860	11	9
121850-21680	18	7
121850-35200	27	6
121850-35520	27	8
121850-35531	27	9
121850-51960	36	55
121850-54900	39	11
121850-61380	36	56
121870-59930	41	6
122117-51560	36	43
122710-51050	36	5
122710-51090	36	8
122780-59100	41	11
123310-77640	65	1
123325-49421	24	11
	56	7
123325-49490	17	25
123372-59100	41	1
123482-39670	64	11
123482-91291	73	5
	74	36
	75	36
123682-07850	9	4
123682-44210	32	13
123682-44220	32	14
123682-77710	67	15
124060-39451	63	1
	64	1
	77	13
124060-59380	40	4
124066-59100	43	1
124070-59060	61	2
124070-59130	61	3
124070-77950	63	4
	64	4
124070-91300	73	16

Parts No.	Fig. No.	Ref. No.
124160-01751	2	8
	12	12
124160-01910	1	5
124160-11360	12	14
124160-39140	28	2
124160-49480	32	6
124223-35510	27	7
124250-77012	47	1
	54	1
124410-54940	39	13
124411-91010	73	17 -1
124411-91180	75	1
124411-91190	73	1
124413-39100	57	2
124413-39710	28	28
124460-77680	1	26
	16	5
	17	17
124550-21600	19	3
124550-51350	36	29
124550-51370	36	30
124550-59820	28	20
124550-66370	44	2
124550-77030	47	2
124617-91810	75	27
124617-91820	75	21
124617-91830	75	11
124617-91840	74	23
	75	14
124617-91850	67	13
124617-91900	74	9
		43
	75	5
124617-91910	75	12
124617-91920	74	21
		42
	75	13
		16
		20
		46
124617-91930	75	15
124617-91940	75	38
124617-91950	75	19
124617-91970	75	28
124617-91980	74	25
		41
	75	29
		45
124617-91990	74	31
	75	31

Parts No.	Fig. No.	Ref. No.
124617-91990	75	47
124736-07900	8	2
124770-49310	67	14
124770-77940	63	3
	64	3
124790-44560	52	5
124950-51190	36	15
126630-07370	9	3
127410-91510	74	13
127410-91520	74	14
127410-91530	74	15
127410-91550	74	17
127410-91560	74	19
127410-91570	74	20
127410-91580	74	16
		22
127410-91590	74	24
		34
127410-91600	74	26
127410-91610	74	27
127410-91620	74	28
127410-91630	74	29
127410-91680	74	4
127412-91250	73	4
127610-91350	63	6
	64	6
	77	24
127611-07350	9	2
127620-91240	75	22
127620-91250	75	23
127620-91410	75	44
127620-91500	74	2
	75	2
127620-91510	74	3
	75	3
127620-91550	74	6
127620-91560	74	5
127620-91570	74	7
127620-91580	74	8
	75	4
127620-91600	75	7
127620-91610	75	8
127620-91620	75	9
127620-91630	75	10
		43
127620-91690	75	17
127620-91720	75	24
127620-91730	75	25
127620-91740	75	26
127620-91780	74	33

Parts No. Index

Parts No.	Fig. No.	Ref. No.
127620-91780	75	33
127620-91790	74	32
	75	32
127620-91810	75	34
127620-91820	73	8
	74	37
	75	37
127620-91830	74	39
	75	39
127620-91860	75	40
127620-91870	75	41
127620-91930	75	42
128170-86500	71	1
128170-91010	73	17
128170-91020	73	9
128170-91031	73	10
128170-91160	63	5
	64	5
128170-91310	73	3
128170-91810	73	12
128170-91820	73	13
128170-91830	73	14
128270-13620	16	9
	32	4
128370-86280	50	2
128371-01800	1	15
128695-44090	16	3
	34	11
	79	27
128696-91100	73	15
	75	18
129100-01620	3	2
	78	7
129100-11100	11	14
129100-11110	11	15
129100-23100	21	3
129100-35140	27	5
129100-59950	43	6
129100-59990	43	7
129100-61930	44	42
129150-01200	1	22
129150-01510	2	2
	78	3
129150-01520	2	3
129150-01530	2	4
	78	4
129150-01870	2	11
129150-01880	2	12
	30	17
	78	6

Parts No.	Fig. No.	Ref. No.
129150-01881	2	12 -2
	30	17 -2
	78	6 -2
129150-02020	5	9
129150-02450	6	2
129150-03070	7	2
129150-11050	11	4
129150-11170	11	8
129150-11230	11	36
129150-11260	11	31
129150-11270	11	32
129150-11280	11	33
129150-11370	11	20
129150-11750	11	37
129150-14100	15	2
129150-14101	15	2 -1
129150-14200	15	3
129150-14400	15	4
129150-21200	18	3
129150-22300	20	7
129150-25020	22	1
129150-25055	22	2
129150-25065	22	5
129150-25100	22	3
129150-32020	23	2
	78	12
129150-35040	26	1
	78	13
129150-35150	27	12
	77	12
129150-39150	28	15
129150-39180	28	16
129150-42020	31	3
	78	15
129150-42320	31	2
129150-49810	35	4
	77	19
129150-59580	43	5
129150-77510	17	6
	66	3
	78	10
129155-51140	36	12
129155-51180	36	14
129155-51200	36	16
129155-51270	36	22
129155-51280	36	23
	44	1
129155-51320	36	27
129155-51340	36	28
129155-51370	36	31

Parts No.	Fig. No.	Ref. No.
129155-51380	36	32
129155-51390	36	33
129155-51410	36	35
129155-51450	36	36
129155-51520	36	39
129155-51530	36	40
129155-51540	36	41
129155-51550	36	42
129155-51570	36	45
129155-51580	36	46
129155-51590	36	47
129155-51600	36	48
129155-51790	36	53
129155-52050	37	2
129155-61010	44	3
129155-61050	44	4
129155-61060	44	5
129155-61070	44	6
129155-61090	44	7
129155-61120	44	8
129155-61130	44	9
129155-61140	44	10
129155-61150	44	11
129155-61160	44	12
129155-61170	44	13
129155-61180	44	14
129155-61201	44	15
129155-61341	44	19
129155-61400	44	20
129155-61430	44	23
129155-61460	44	26
129155-61470	44	27
129155-61480	44	28
129155-61490	44	29
129155-61500	44	30
129155-61540	44	35
129155-61810	44	39
129155-61820	44	40
129155-61830	44	41
129155-61950	44	43
129156-44760	31	11
129156-51910	36	54
129158-52100	37	1
129301-34830	25	1
129400-01600	3	1
129400-01750	4	4
	78	8
129400-77500	66	2
129470-01500	2	1
129470-01550	2	6

Parts No.	Fig. No.	Ref. No.
129470-01550	78	5
129470-01700	4	1
129470-01710	4	2
129470-01880	2	12 -1
	30	17 -1
	78	6 -1
129470-03010	7	1
129470-07230	8	1
129470-08100	10	1
129470-08110	10	2
129470-08120	10	3
129470-08350	52	2
129470-11080	11	5
129470-11090	11	6
129470-11920	38	14
129470-12100	13	1
129470-12120	13	3
129470-12300	13	6
129470-12320	13	8
129470-21590	19	1
129470-21650	18	5
129470-34850	25	2
129470-34860	25	3
129470-35090	26	2
129470-35100	27	1
129470-35120	27	11
	78	14
129470-35130	27	2
129470-39600	63	8
	64	10
129470-42000	31	1
129470-42500	30	1
129470-42520	30	3
	77	14
129470-42530	30	4
	77	15
129470-42540	30	5
	77	16
129470-42550	30	6
129470-42700	30	14
129470-42800	30	18
129470-44440	32	10
129470-44450	32	11
129470-49200	34	2
129470-49220	34	3
129470-49240	34	4
129470-49250	34	5
129470-49260	34	1
129470-49540	35	1
129470-49801	35	3

Parts No. Index

Parts No.	Fig. No.	Ref. No.
129470-49801	77	18
129470-51040	36	4
129470-51060	36	6
129470-51080	36	7
129470-51101	36	9
129470-54510	39	2
129470-54650	39	8
129470-55600	40	1
129470-55700	40	3
	77	23
129470-59120	42	3
129470-59560	43	4
129470-61440	44	24
129470-61450	44	25
129470-61700	44	37
129470-61800	44	38
129470-67100	46	1
129470-67300	67	2
129470-67310	67	3
129470-67320	67	4
129470-67550	62	1
129470-67560	62	2
129470-77330	48	2
129470-77340	48	3
129470-77500	76	2
129470-77510	76	3
129470-77520	76	4
129470-77530	76	5
129470-77540	76	6
129470-77920	63	2
129470-77930	64	2
129470-77970	67	11
129470-77980	67	12
129470-85900	69	1
129470-86250	50	1
129470-86310	50	3
129470-86500	72	2
129470-91100	74	1
129470-91150	74	38
129470-91160	74	11
129470-91170	74	18
129470-91190	73	16 -1
	74	40
129472-01100	1	12
129472-03090	7	10
129472-13500	56	1
129472-13550	56	4
129472-13560	56	3
129472-14010	15	1
129472-14011	15	1 -1

Parts No.	Fig. No.	Ref. No.
129472-39020	28	1
129472-39600	28	17
129472-39620	28	19
129472-49050	33	3
	56	6
129473-18000	16	1
	53	1
129473-18100	17	20
129473-18101	17	20 -1
129473-44110	32	9
129473-61700	44	37 -1
129474-18001	16	1 -1
	85	1
129474-18110	17	1
129474-18120	17	2
129474-18130	17	3
129474-18140	17	4
129474-18150	17	5
129474-18170	66	1
129474-18220	17	22
129474-18230	17	23
129474-18240	17	24
129474-18241	17	24 -1
129474-21000	18	1
129474-22000	20	1
129474-33000	24	5
129474-33010	24	6
129474-33020	24	7
129474-33030	24	8
129474-33040	24	9
129474-33500	24	1
129474-39200	28	4
129474-39300	28	7
129474-39450	28	10
129474-44000	32	2
129474-44480	16	4
	32	5
129474-49010	33	1
129474-49020	17	15
129474-49030	33	2
129474-49110	33	4
129474-49300	34	7
129474-49320	34	8
129474-81010	49	1
129474-81020	49	2
129491-01360	1	25
129499-51300	36	24
129499-53002	38	2
	77	20
129499-54550	39	5

Parts No.	Fig. No.	Ref. No.
129499-59811	41	2
129499-59821	41	3
129499-59831	41	4
129499-59841	41	5
129499-61650	44	36
129550-11240	11	29
129550-11310	12	3
129550-12110	13	5
	77	4
	78	9
129550-13110	32	22
	77	5
	78	16
129550-39450	28	13
129550-42350	31	4
129553-01340	1	24
129553-01350	1	23
	77	2
	78	2
129553-32000	23	1
129553-39190	28	12
129553-39650	29	1
129555-51400	36	34
129555-51500	36	37
129555-51700	36	49
129555-51710	36	50
129555-51750	36	51
129555-51760	36	52
129573-25900	39	15
129595-53000	38	2 -1
	77	20 -1
129772-77200	48	1
	55	1
129772-77500	76	1
129792-13520	14	2
	77	6
129792-13551	14	1
129792-18090	16	2
	56	5
	77	7
	78	11
129792-39610	28	18
129795-01780	3	3
129795-01800	2	10
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