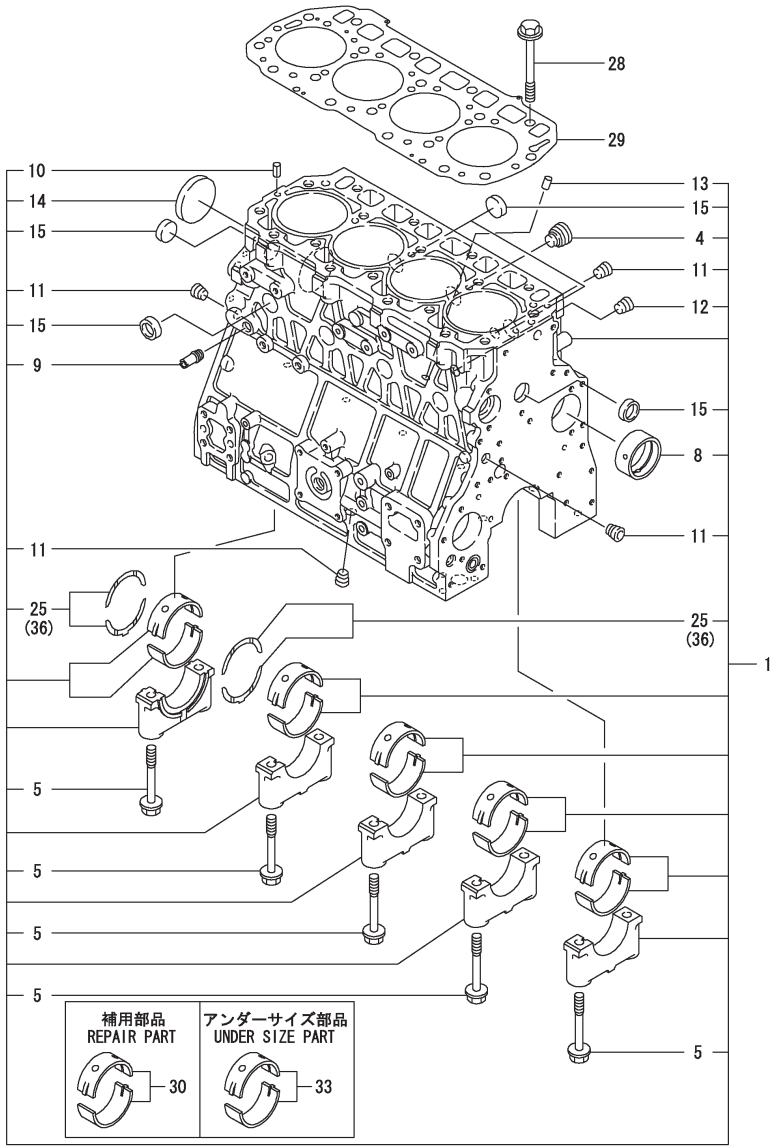
Fig.1. CYLINDER BLOCK

(A)=4TNV106T-GGEHC (D)=
(B)= (E)=
(C)= (F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	BLOCK ASSY, CYLINDER	1							
4	PLUG, NPTF1	1							
5	BOLT, METAL CAP	10							
8	BUSH	1							
9	JOINT, PIPE	1							
10	PIN, SPRING 6.0X12	2							
11	PLUG, R03	4							
12	PLUG, R03	1							
13	PLUG, 12X16	1							
14	PLUG, 70	1							
15	PLUG 30	8							
25	BEARING, THRUST	2							
28	BOLT, HEAD	18							
29	GASKET, HEAD	1							
30	BEARING, MAIN	5							1
33	BEARING, 0.25 US	5							2
36	BEARING, THRUST 0.25	2							3

Remarks
(1)Repair part.
(2)Under sized(U.S.=0.25)part.
(3)Over sized(O.S.=0.25)part.

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

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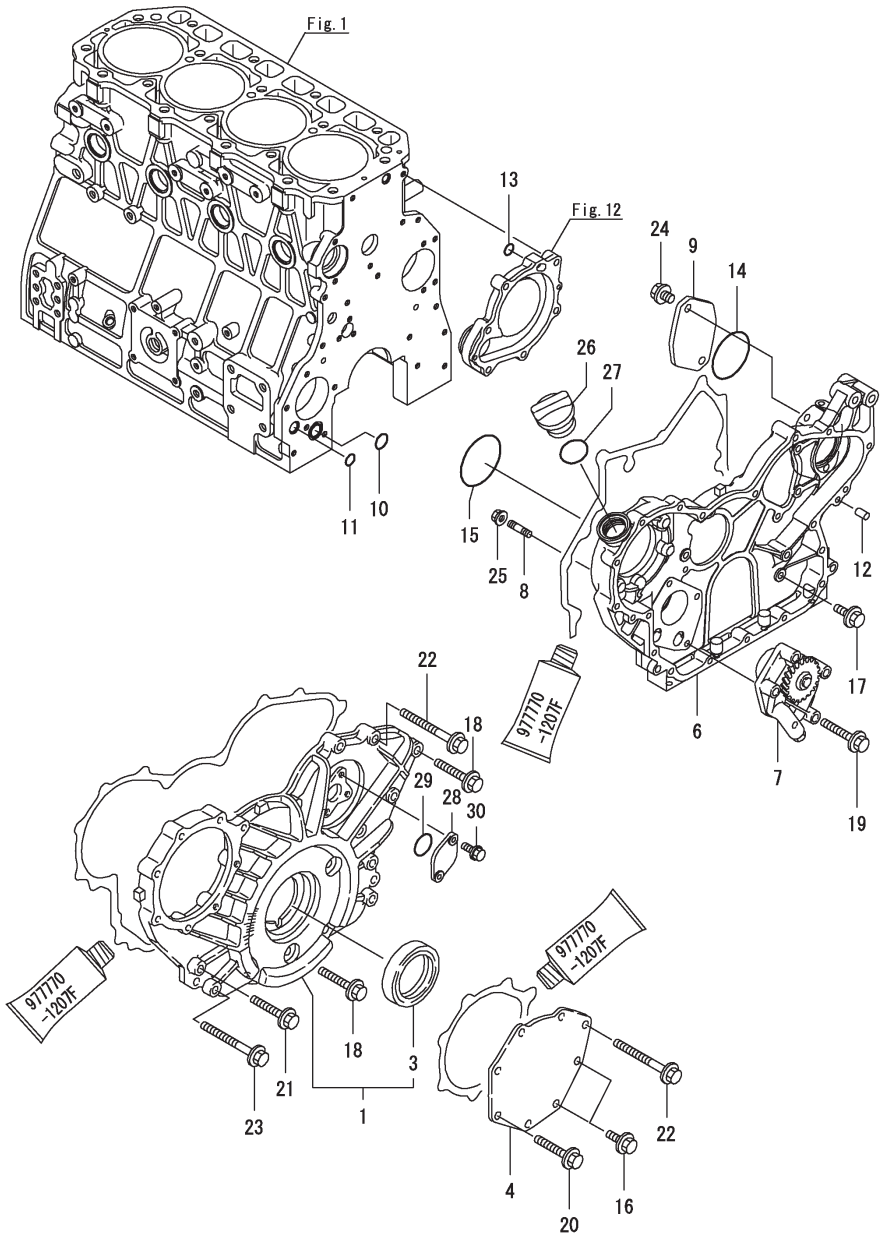
Fig.2. GEAR HOUSING

(A)=4TNV106T-GGEHC
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	COVER ASSY,GEAR CASE	1							
3	SEAL, OIL	1							
4	COVER	1							
6	CASE ASSY, GEAR	1							
7	PUMP ASSY, OIL	1							
8	STUD, M10X 32	4							
9	COVER	1							
10	O-RING, P20	1							
11	O-RING, P14	1							
12	PIN, M8X16	4							
13	O-RING, 1AP11.0	1							
14	O-RING, 1AG85.0	1							
15	O-RING, 1A3075	1							
16	BOLT, M8X 20 PLATED	2							
17	BOLT, M8X 20 PLATED	5							
18	BOLT, M8X 40 PLATED	6							
19	BOLT, M8X 45 PLATED	4							
20	BOLT, M8X 45 PLATED	5							
21	BOLT, M8X 50 PLATED	1							
22	BOLT, M8X 70 PLATED	5							
23	BOLT, M8X 80 PLATED	3							
24	BOLT, M10X 22 PLATED	2							
25	NUT, M10	4							
26	COVER, FILLER	1							
27	O-RING, 1AP32.0	1							
28	COVER	1							
29	O-RING, 1AS24.0	1							
30	BOLT, M6X 16 PLATED	2							

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

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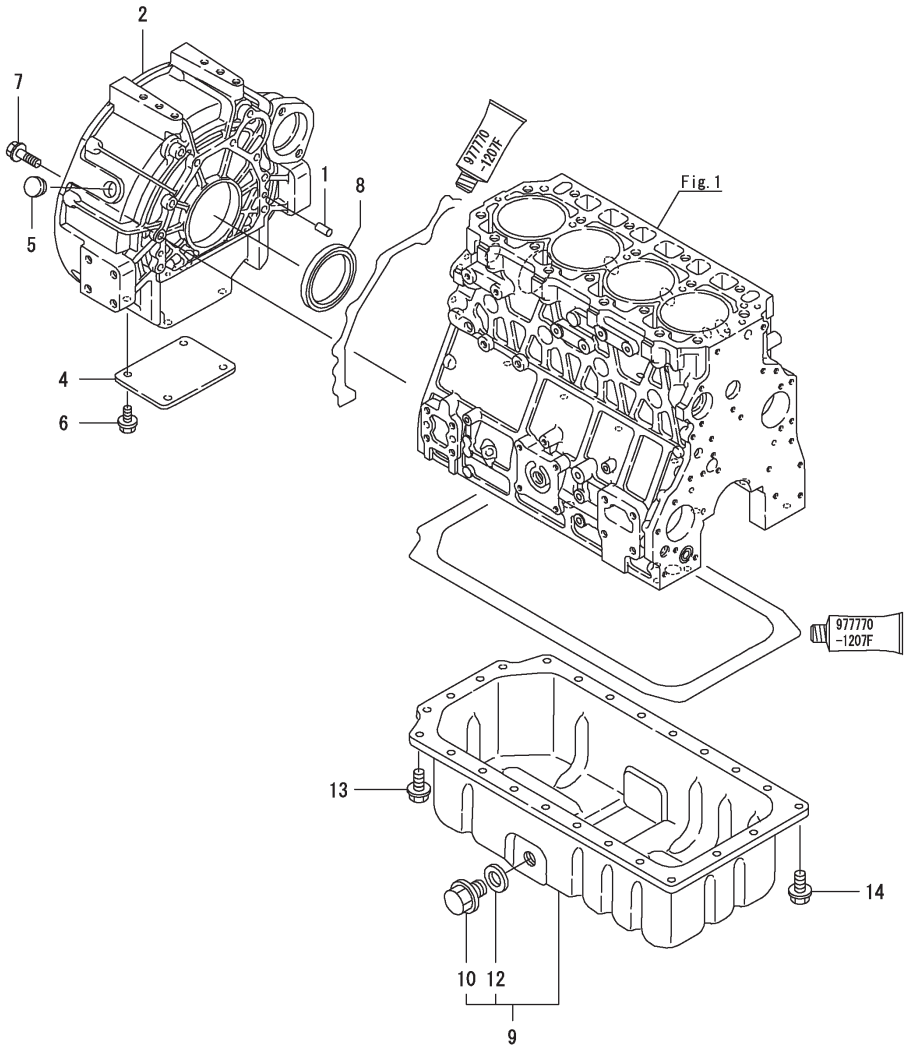
Fig.3. FLYWHEEL HOUSING & OIL SUMP

(A)=4TNV106T-GGEHC
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	PIN, M8X16	2							
2	HOUSING, FLYWHEEL	1							
4	COVER	1							
5	CAP	1							
6	BOLT, M8X 16 PLATED	4							
7	BOLT, M10X 35 PLATED	10							
8	SEAL, OIL	1							
9	SUMP ASSY, OIL	1							
10	PLUG, DRAIN M22	1							
12	WASHER, SEAL 22	1							
13	BOLT, M8X 12 PLATED	22							
14	BOLT, M8X 16 PLATED	4							

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

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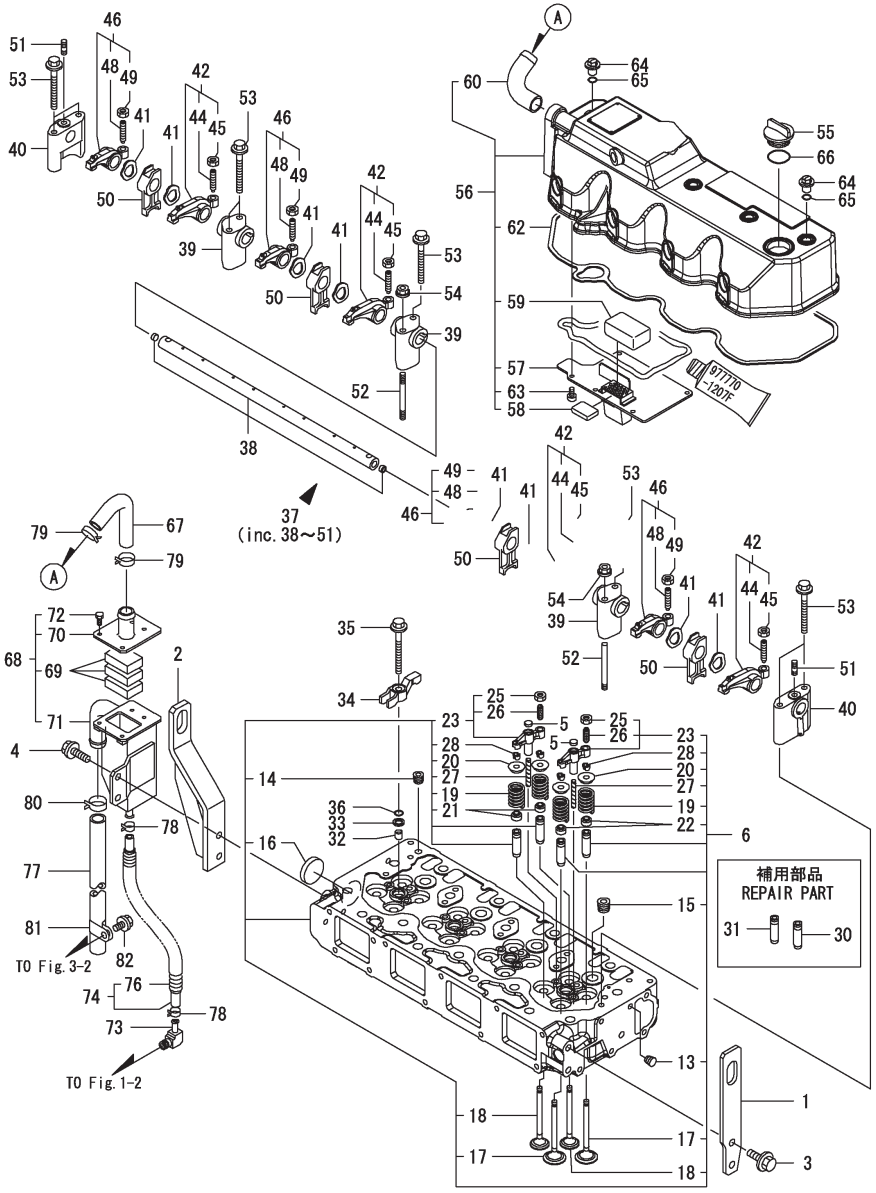
Fig.4. CYLINDER HEAD & BONNET

(A)=4TNV106T-GGEHC
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	LIFTER	1							
2	LIFTER	1							
3	BOLT, M10X 20 PLATED	2							
4	BOLT, M10X 25 PLATED	2							
5	SEAT, VALVE BRIDGE	8							
6	HEAD ASSY, CYLINDER	1							
13	PLUG, R005	1							
14	PLUG, R02	1							
15	PLUG, R03	4							
16	PLUG, 40	1							
17	VALVE, INTAKE	8							
18	VALVE, EXHAUST	8							
19	SPRING, VALVE	16							
20	RETAINER, SPRING	16							
21	SEAL, VALVE STEM	8							
22	SEAL, VALVE STEM	8							
23	BRIDGE ASSY, VALVE	8							
25	NUT, M8	8							
26	ADJUSTER	8							
27	GUIDE	8							
28	COTTER, 7	16							
30	GUIDE, VALVE	8							1
31	GUIDE, VALVE	8							1
32	PROTECTOR, NOZZLE	4							
33	SEAT, NOZZLE	4							
34	RETAINER, NOZZLE	4							
35	BOLT, M8X80	4							
36	O-RING, 1AP12.0	4							
37	SUPPORT ASSY, ARM	1							
38	SHAFT, ROCKER ARM	1							
39	SUPPORT, ROCKER ARM	3							
40	SUPPORT, ROCKER ARM	2							
41	WASHER	8							
42	ARM, ROCKER	4							
44	SCREW, VALVE ADJUST	4							
45	NUT, M8	4							
46	ARM, ROCKER	4							
48	SCREW, VALVE ADJUST	4							
49	NUT, M8	4							
50	RETAINER	4							
51	STUD, M8X 30	2							
52	STUD, M8X95	2							
53	BOLT, M8X 75 PLATED	8							
54	NUT, M8	2							
55	COVER, FILLER	1							
56	BONNET ASSY, HEAD	1							
57	PLATE	1							
58	BAFFLE, BREATHER	1							
59	BAFFLE, BREATHER	1							
60	JOINT	1							
62	GASKET, BONNET	1							

Remarks
(1)Repair part.

N:Old ⇄(Yes/No) New, Q:Old ⇄(No/Yes) New, R:Old ⇄(Yes/Yes) New, S:Old ⇄(No/No) New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

++ CONTINUE ++

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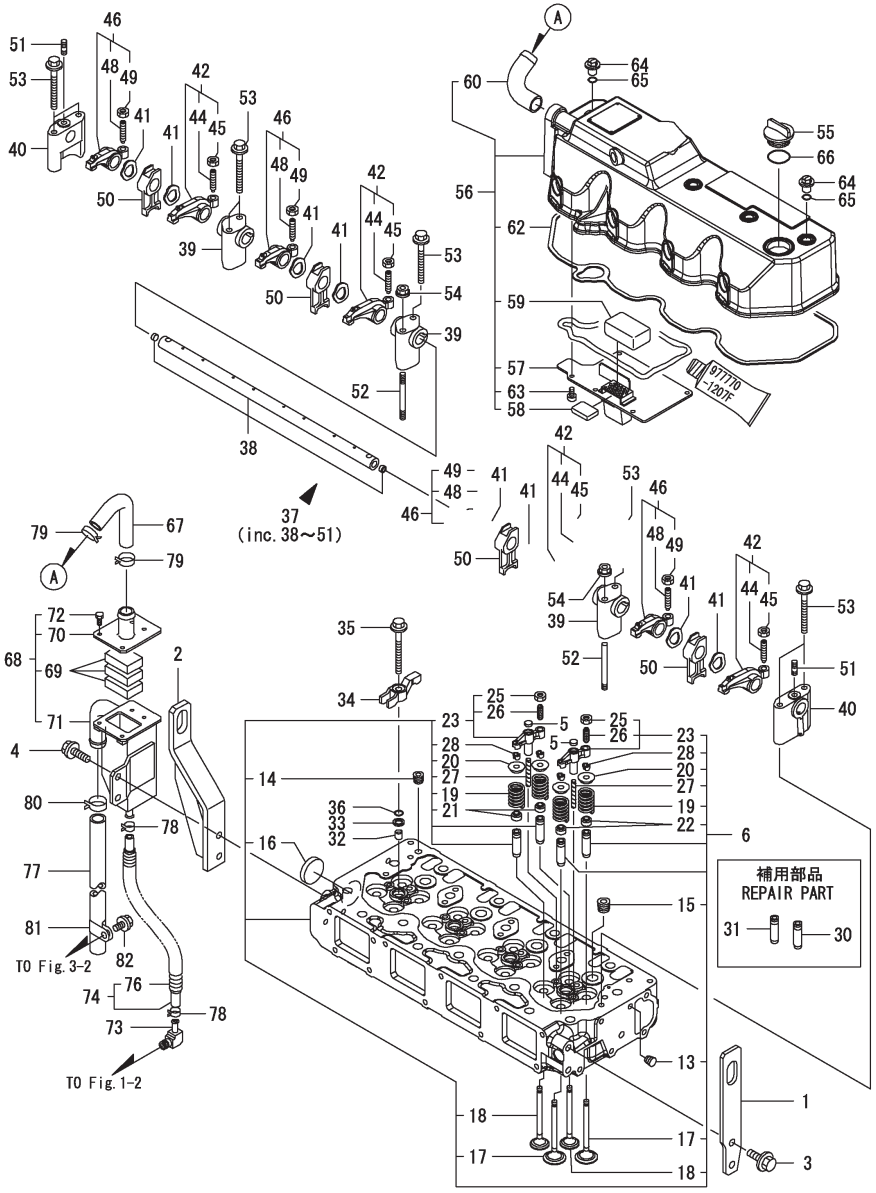
Fig.4. CYLINDER HEAD & BONNET

(A)=4TNV106T-GGEHC
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
63	SCREW, 5X10	6							
64	KNOB	4							
65	O-RING, 1AP12.0	4							
66	O-RING, 1AP32.0	1							
67	HOSE, BREATHER	1							
68	BREATHER ASSY	1							
69	FILTER	3							
70	COVER, BREATHER	1							
71	BREATHER	1							
72	BOLT, M5X 10 PLATED	4							
73	ELBOW, PT3/8-10	1							
74	HOSE ASSY, RETURN	1							
76	TUBE, CORRUGATED	1							
77	HOSE	1							
78	CLAMP, 19	2							
79	CLAMP, 35	2							
80	CLAMP, 35	1							
81	CLAMP, A35X12	1							
82	BOLT, M12X 20 PLATED	1							

Remarks
(1)Repair part.

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

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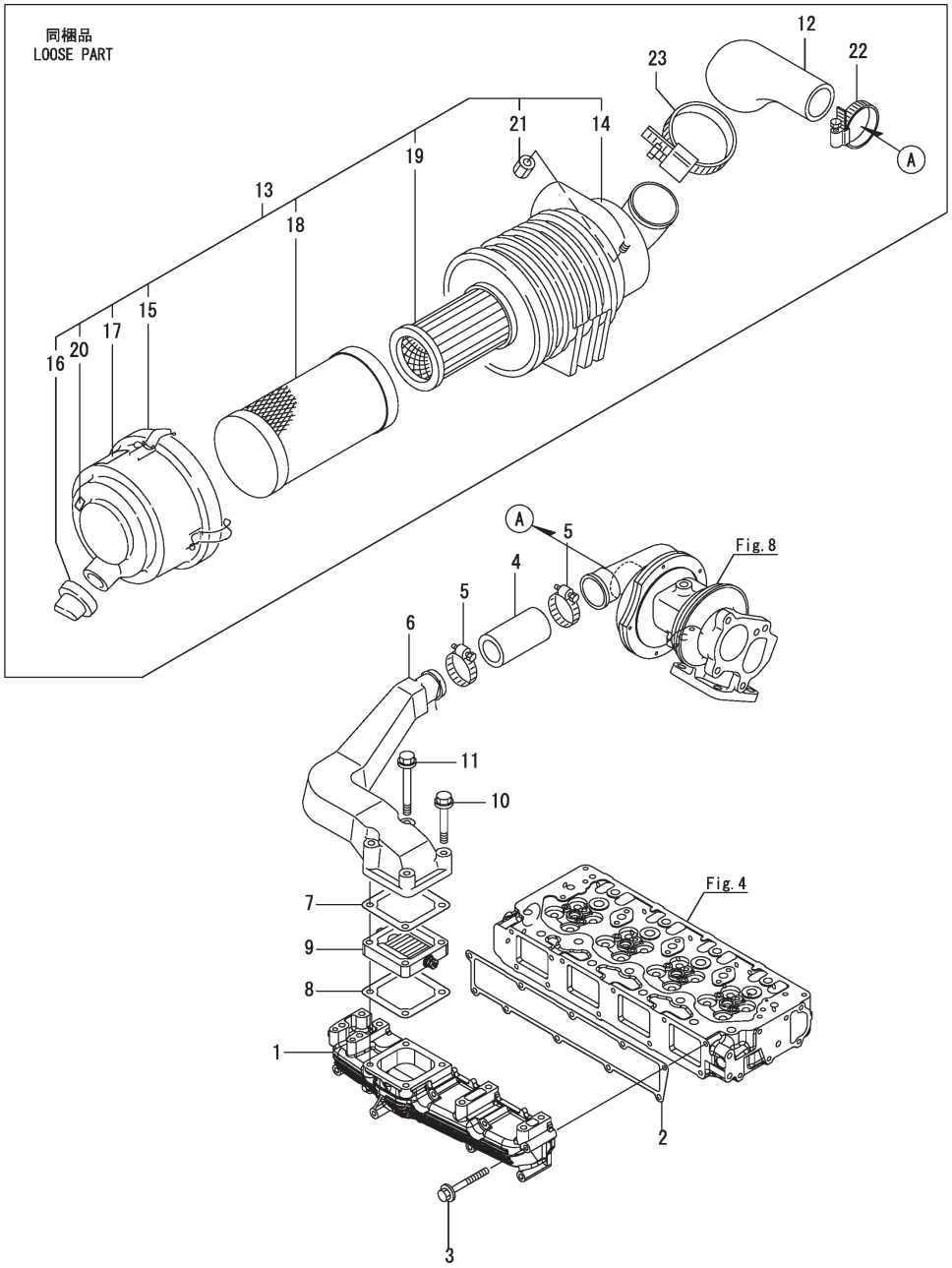
Fig.5. SUCTION MANIFOLD

(A)=4TNV106T-GGEHC (D)=
(B)= (E)=
(C)= (F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	MANIFOLD, AIR INTAKE	1							
2	GASKET, MANIFOLD	1							
3	BOLT, M8X 70 PLATED	10							
4	JOINT, RUBBER	1							
5	CLAMP, 54	2							
6	BEND, INTAKE	1							
7	GASKET	1							
8	GASKET	1							
9	HEATER	1							
10	BOLT, M10X 75 PLATED	2							
11	BOLT, M10X 95 PLATED	2							
12	PIPE, AIR INTAKE	1							
13	CLEANER ASSY, AIR	1							
14	BODY	1							
15	COVER	1							
16	VALVE	1							
17	LABEL, CAUTION	1							
18	ELEMENT	1							
19	ELEMENT	1							
20	LABEL, MARKING	1							
21	INDICATOR	1							
22	CLAMP, 70	1							
23	CLAMP, 115	1							

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

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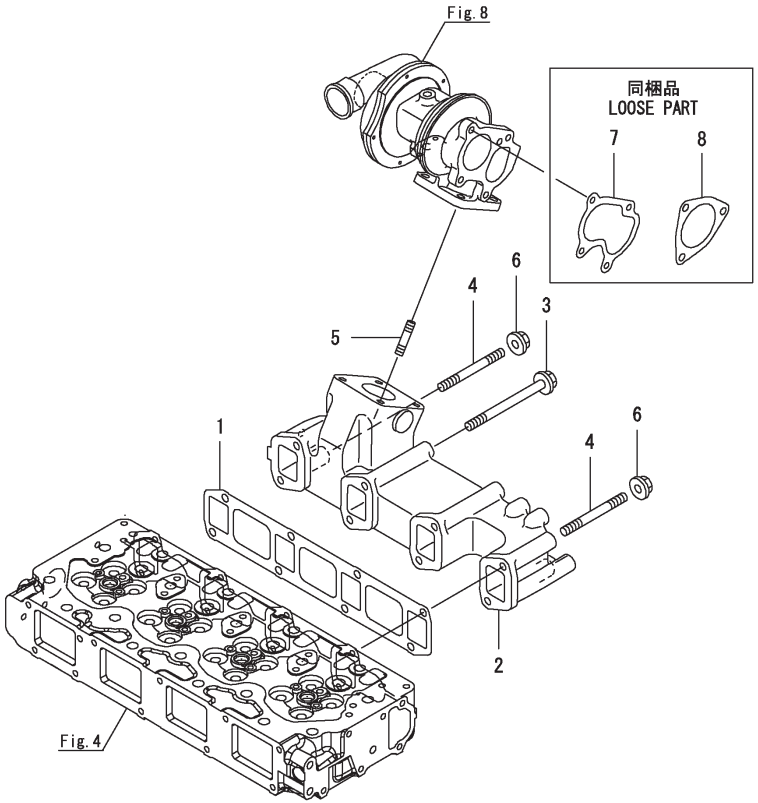
Fig.6. EXHAUST MANIFOLD

(A)=4TNV106T-GGEHC
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	GASKET	1							
2	MANIFOLD, EXHAUST	1							
3	BOLT, M10X105 10.9	6							
4	STUD, M10X85	2							
5	STUD, M8X20	4							
6	NUT, M10	2							
7	GASKET	1							
8	GASKET	1							

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

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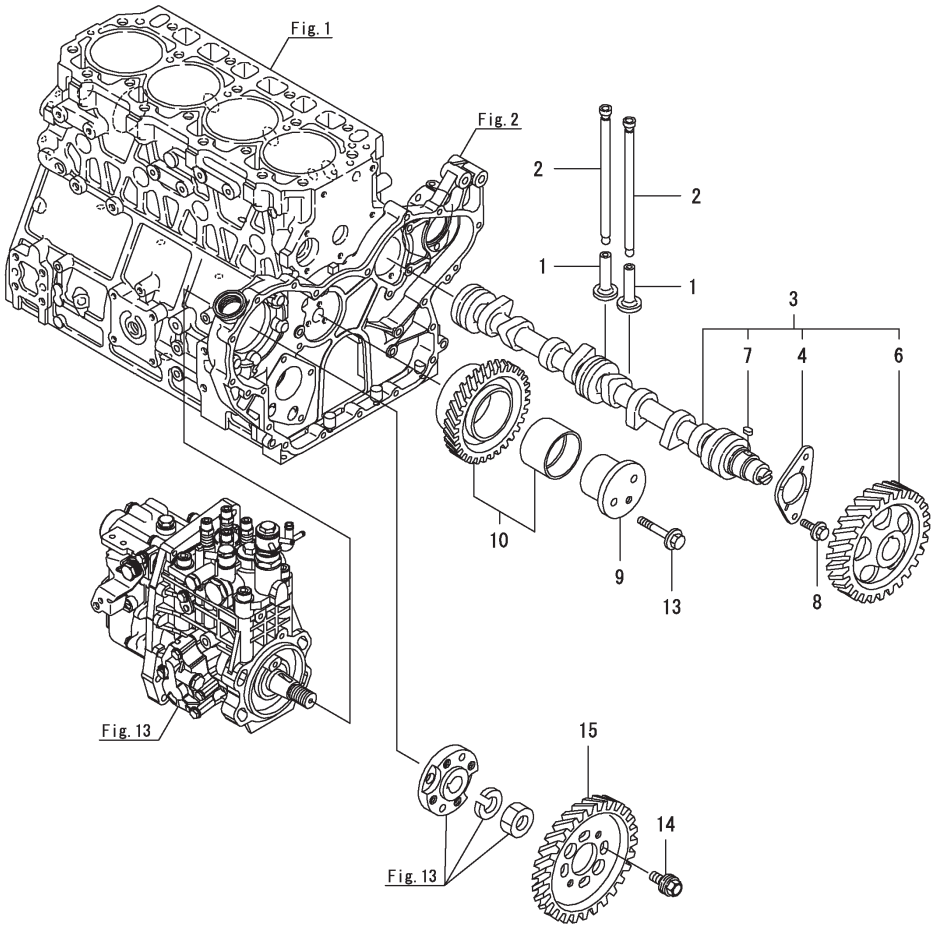
Fig.7. CAMSHAFT & DRIVING GEAR

(A)=4TNV106T-GGEHC
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	TAPPET	8							
2	ROD, PUSH	8							
3	CAMSHAFT ASSY	1							
4	BEARING, THRUST	1							
6	GEAR, CAMSHAFT	1							
7	KEY, 7X 14	1							
8	BOLT, M8X 14 PLATED	2							
9	SHAFT, IDLE GEAR	1							
10	GEAR ASSY, IDLE	1							
13	BOLT, M8X 55 PLATED	3							
14	BOLT	4							
15	GEAR, PUMP	1							

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

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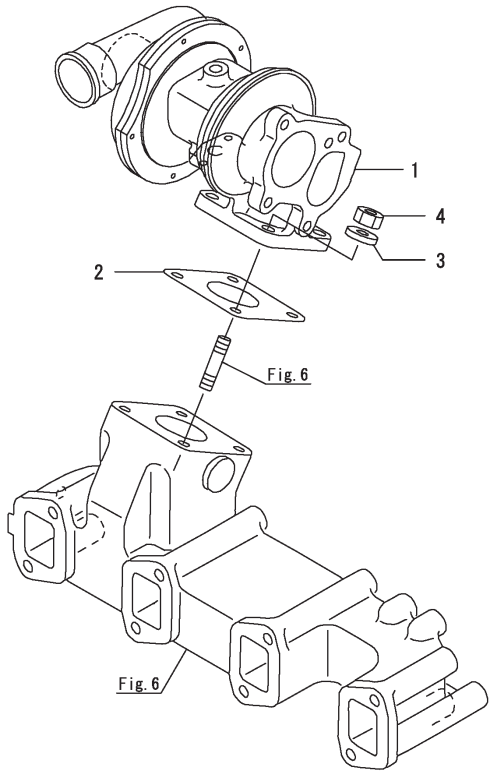
Fig.8. TURBINE



(A)=4TNV106T-GGEHC (D)=
(B)= (E)=
(C)= (F)=

No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	TURBINE, RHF5	1							
2	GASKET	1							
3	WASHER, 8	4							
4	NUT, M8	4							

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

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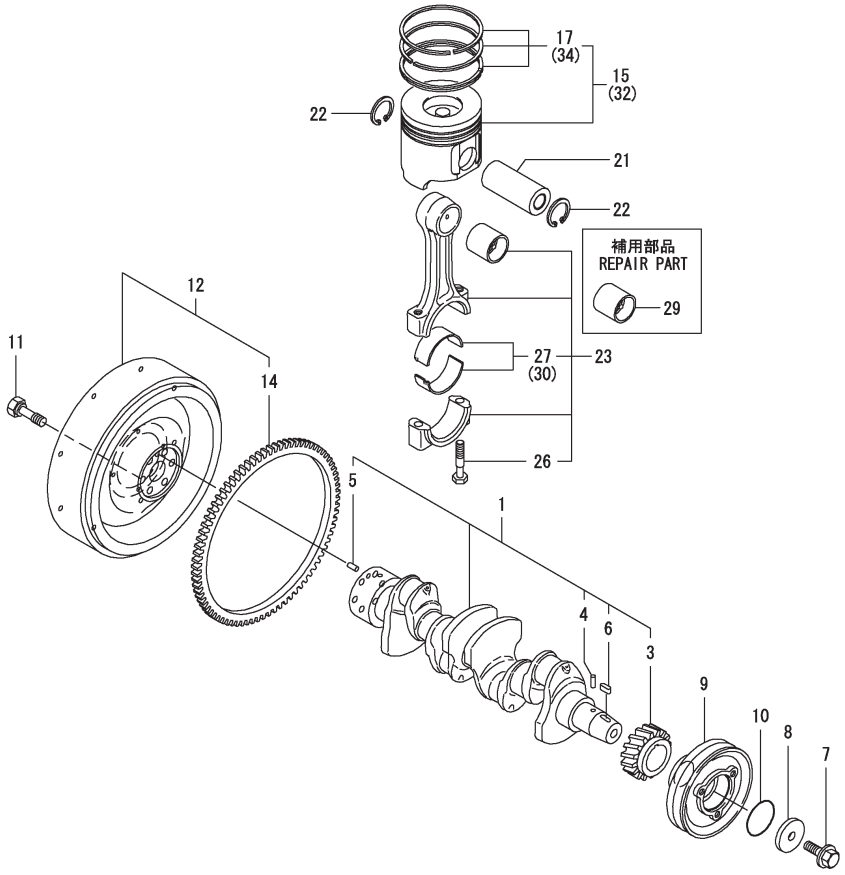
Fig.9. CRANKSHAFT & PISTON

(A)=4TNV106T-GGEHC (D)=
(B)= (E)=
(C)= (F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	CRANKSHAFT ASSY	1							
3	GEAR, CRANKSHAFT	1							
4	PIN	1							
5	PIN, M10X22	1							
6	KEY, 7X 14	1							
7	BOLT	1							
8	WASHER	1							
9	V-PULLEY, 150	1							
10	O-RING, 1AS53.0	1							
11	BOLT, FLYWHEEL	6							
12	FLYWHEEL ASSY	1							
14	GEAR, RING Z=129	1							
15	PISTON ASSY	4							
17	RING SET, PISTON	4							
21	PIN, PISTON	4							
22	RING, 37	8							
23	ROD ASSY, CONNECTING	4							
26	BOLT, CONNECTING ROD	8							
27	BEARING, CRANK PIN	4							
29	BEARING, PISTON PIN	4							1
30	BEARING, 0.25 US	4							2
32	PISTON ASSY, 0.25 OS	4							3
34	RING SET, 0.25 OS	4							3

Remarks
(1)Repair part.
(2)Under sized(U.S.=0.25)part.
(3)Over sized(O.S.=0.25)part.

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

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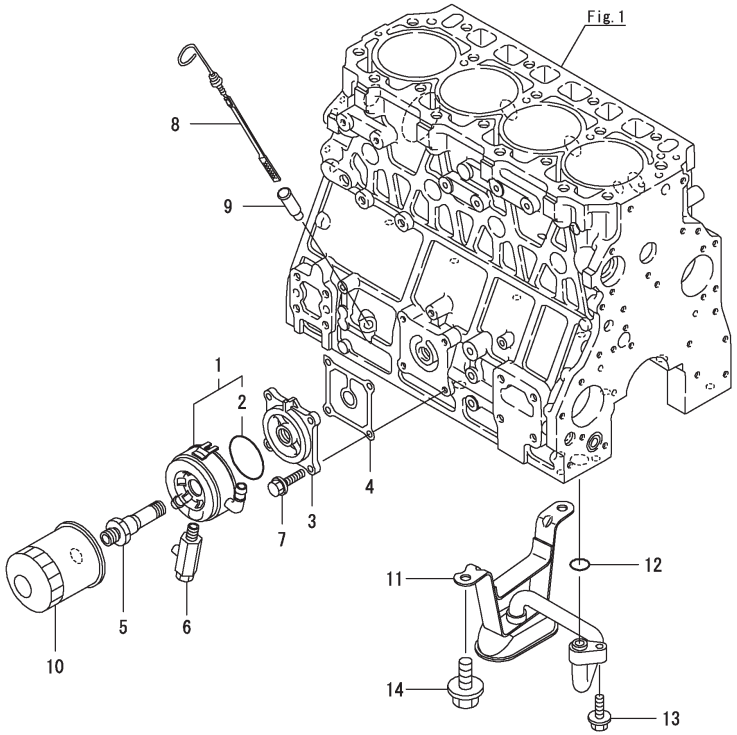
Fig.10. LUB.OIL SYSTEM

(A)=4TNV106T-GGEHC
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	COOLER ASSY, OIL	1							
2	O-RING	1							
3	BRACKET ASSY, COOLER	1							
4	GASKET	1							
5	BOLT, COOLER	1							
6	COCK ASSY, 1/4	1							
7	BOLT, M8X 20 PLATED	4							
8	DIPSTICK, OIL	1							
9	GUIDE, DIPSTICK	1							
10	FILTER, D80X100	1							1
11	PIPE ASSY, OIL INLET	1							
12	O-RING, 4CP18.0	1							
13	BOLT, M8X 30 PLATED	1							
14	BOLT, M12X 16 PLATED	2							

Remarks
(1)Repair part.

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

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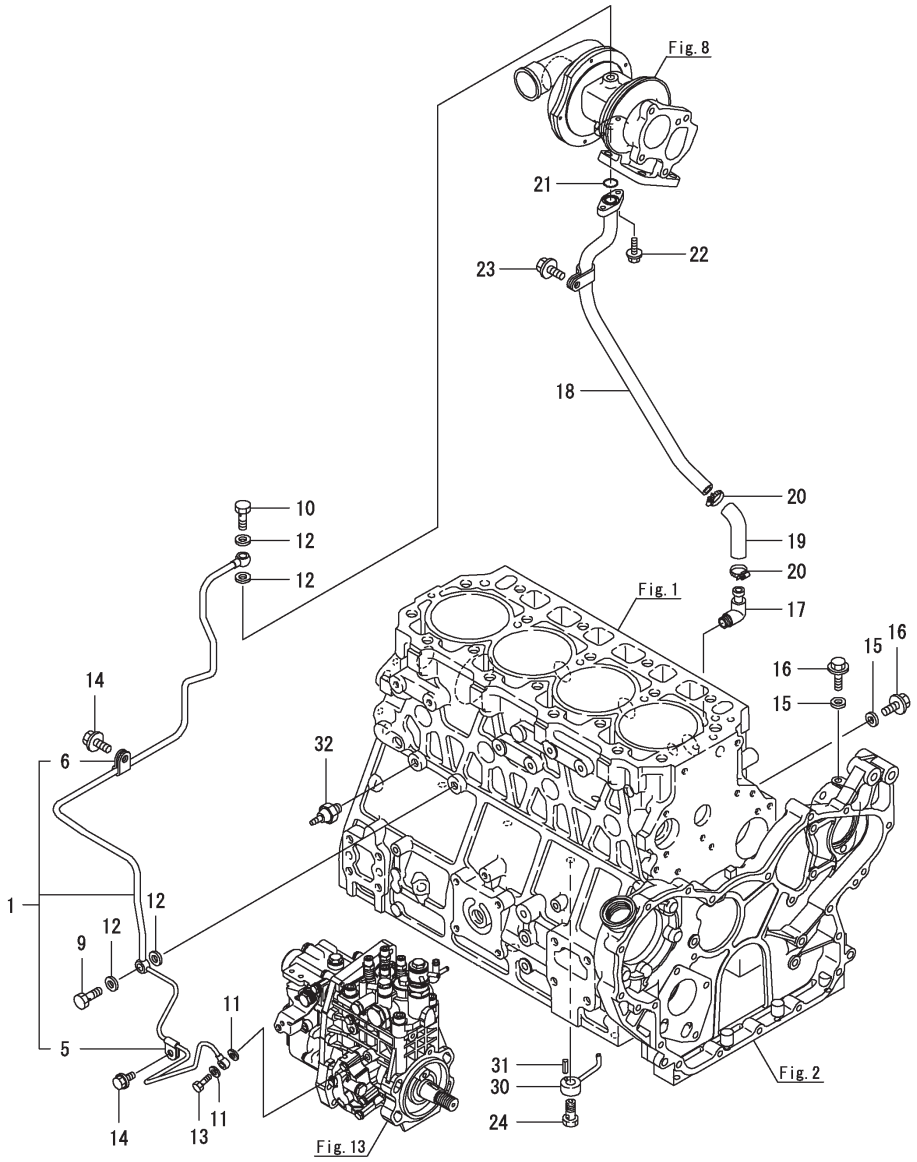
Fig.11. LUB.OIL LINE

(A)=4TNV106T-GGEHC
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	PIPE ASSY, OIL	1							
5	RETAINER	1							
6	RETAINER	1							
9	BOLT, PIPE JOINT M10	1							
10	BOLT, JOINT M10X1.5	1							
11	GASKET, 8X1.0	2							
12	GASKET, 10X1.0	4							
13	BOLT, JOINT 3	1							
14	BOLT, M8X 12 PLATED	2							
15	WASHER, SEAL 6	2							
16	BOLT, M8X 12 PLATED	2							
17	ELBOW, PT3/8	1							
18	PIPE, OIL	1							
19	HOSE	1							
20	CLAMP, 25	2							
21	O-RING, 4DP18.0	1							
22	BOLT, M6X 16 PLATED	2							
23	BOLT, M8X 14 PLATED	1							
24	VALVE ASSY, CHECK	4							
30	NOZZLE	4							
31	PIN, SPRING 3.0X10	4							
32	SWITCH, 0.5KG	1							

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

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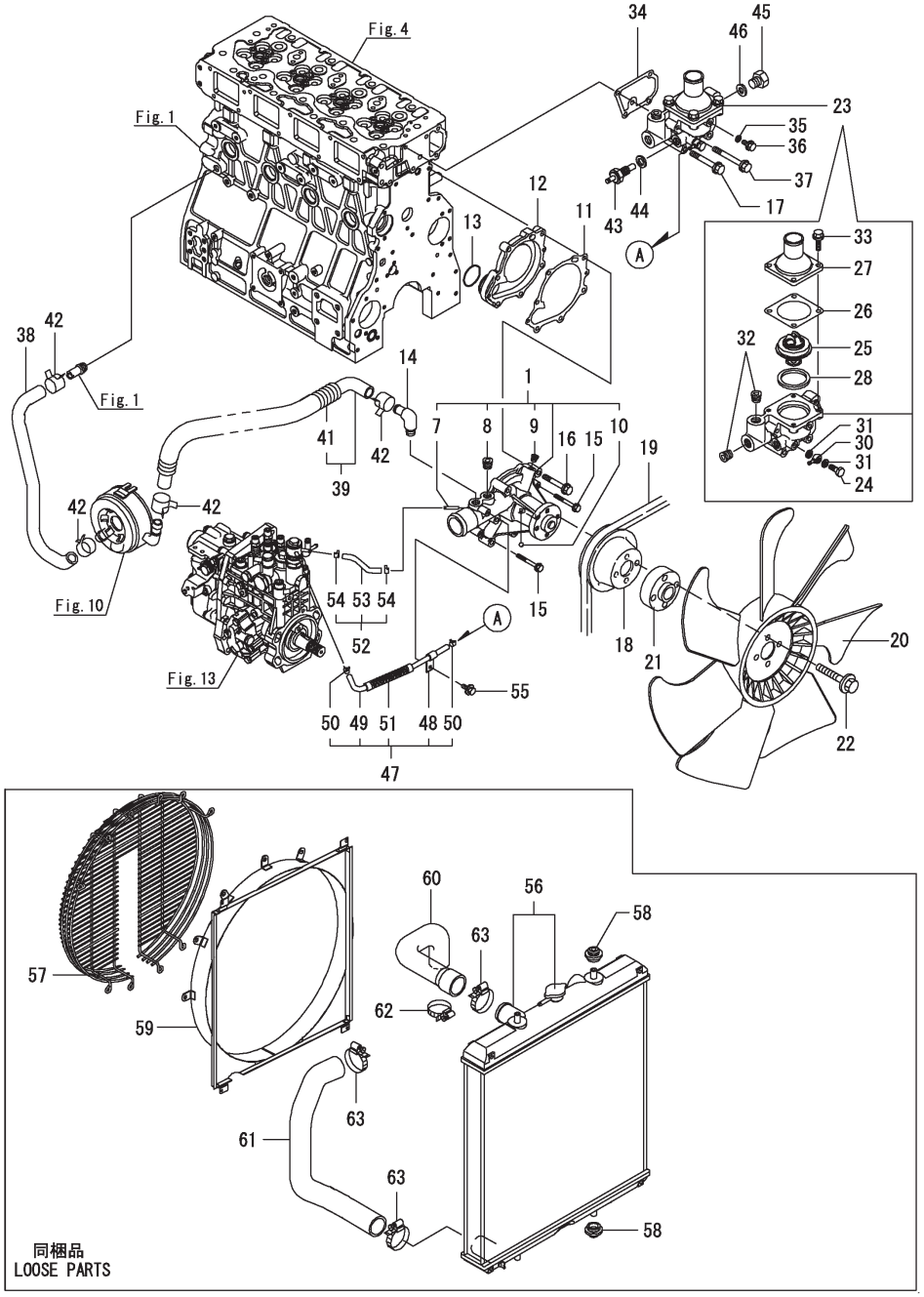
Fig.12. COOLING WATER SYSTEM

(A)=4TNV106T-GGEHC (D)=
(B)= (E)=
(C)= (F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	PUMP ASSY, WATER	1							
7	JOINT, PIPE	1							
8	PLUG, R03	1							
9	PLUG, R02	1							
10	BALL, STEEL 1/4	1							
11	GASKET, WATER PUMP	1							
12	CASE, WATER PUMP	1							
13	O-RING, P40	1							
14	ELBOW, R3/8	1							
15	BOLT, M6X 50 PLATED	2							
16	BOLT, M8X 55 PLATED	4							
17	BOLT, M8X 70 PLATED	2							
18	V-PULLEY, B 130	1							
19	V-BELT, B48H	1							
20	FAN, COOLING	1							
21	SPACER, FAN	1							
22	BOLT, M10X 45 PLATED	4							
23	CASE ASSY,THERMOSTAT	1							
24	BOLT, PIPE JOINT	1							
25	THERMOSTAT, 71	1							
26	GASKET	1							
27	COVER, THERMOSTAT	1							
28	GASKET	1							
30	JOINT, HOSE 4-8	1							
31	GASKET, 8X1.0	2							
32	PLUG, R03	2							
33	BOLT, M8X 25 PLATED	4							
34	GASKET	1							
35	GASKET, 8X1.0	1							
36	BOLT, M8X 12 PLATED	1							
37	BOLT, M8X 60 PLATED	4							
38	PIPE, WATER	1							
39	PIPE, WATER	1							
41	TUBE, CORRUGATED	1							
42	CLAMP, 25	4							
43	SWITCH, 110	1							
44	GASKET, 16	1							
45	PLUG, M16	1							
46	GASKET, 16	1							
47	PIPE ASSY, WATER	1							
48	RETAINER, PIPE	1							
49	PIPE, WATER	1							
50	CLIP, HOSE 9	2							
51	TUBE, CORRUGATED	1							
52	PIPE ASSY, WATER	1							
53	PIPE, WATER	1							
54	CLIP, HOSE 9	2							
55	BOLT, M6X 12 PLATED	1							
56	RADIATOR	1							
57	GUARD	1							
58	ABSORBER	4							

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

++ CONTINUE ++

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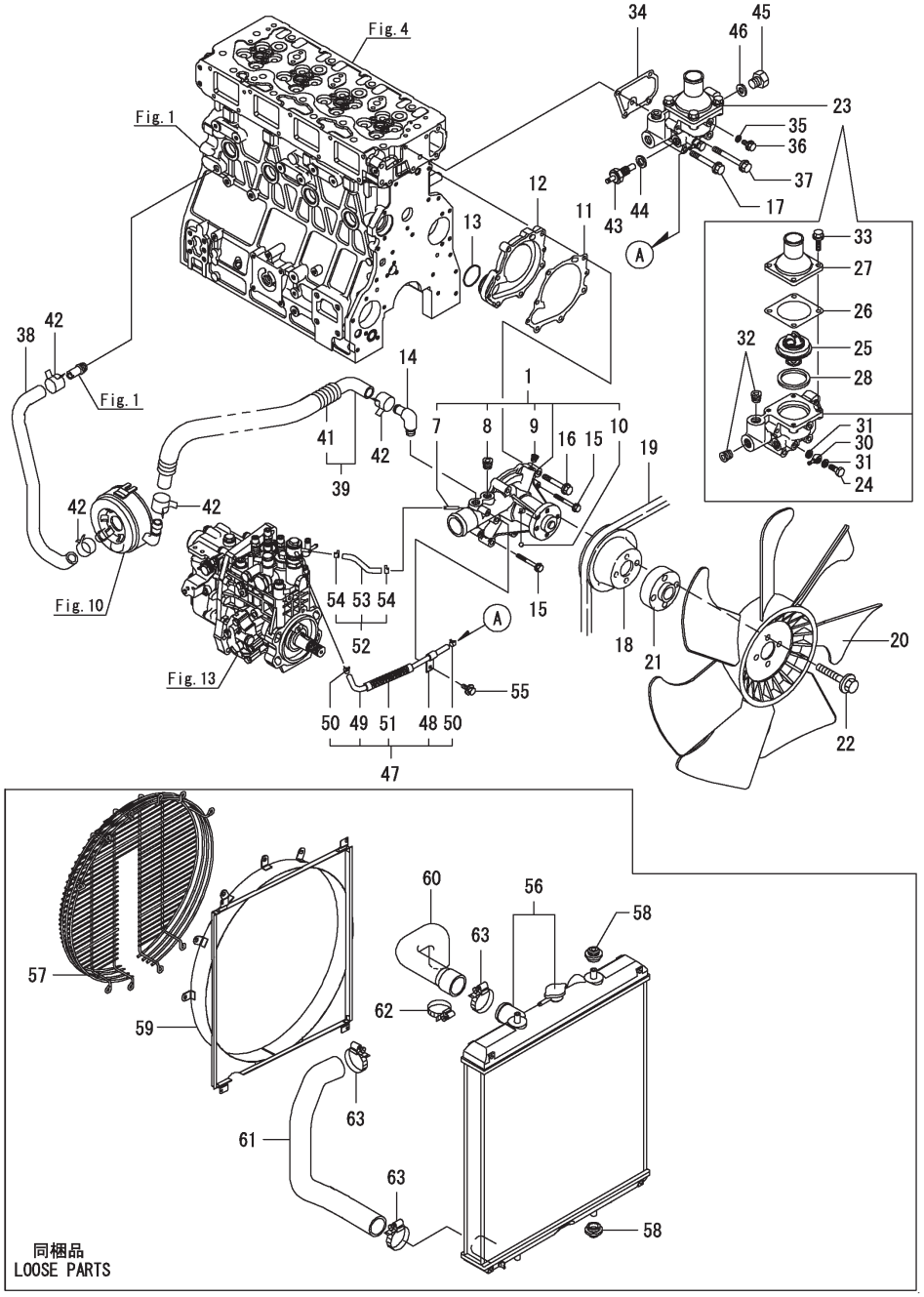
Fig.12. COOLING WATER SYSTEM

(A)=4TNV106T-GGEHC
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
59	SHROUD	1							
60	PIPE, WATER	1							
61	PIPE, WATER	1							
62	CLAMP, 48	1							
63	CLAMP, 60	3							

N:Old ⇄ New (Yes/No), Q:Old ⇄ New (No/Yes), R:Old ⇄ New (Yes/Yes), S:Old ⇄ New (No/No), W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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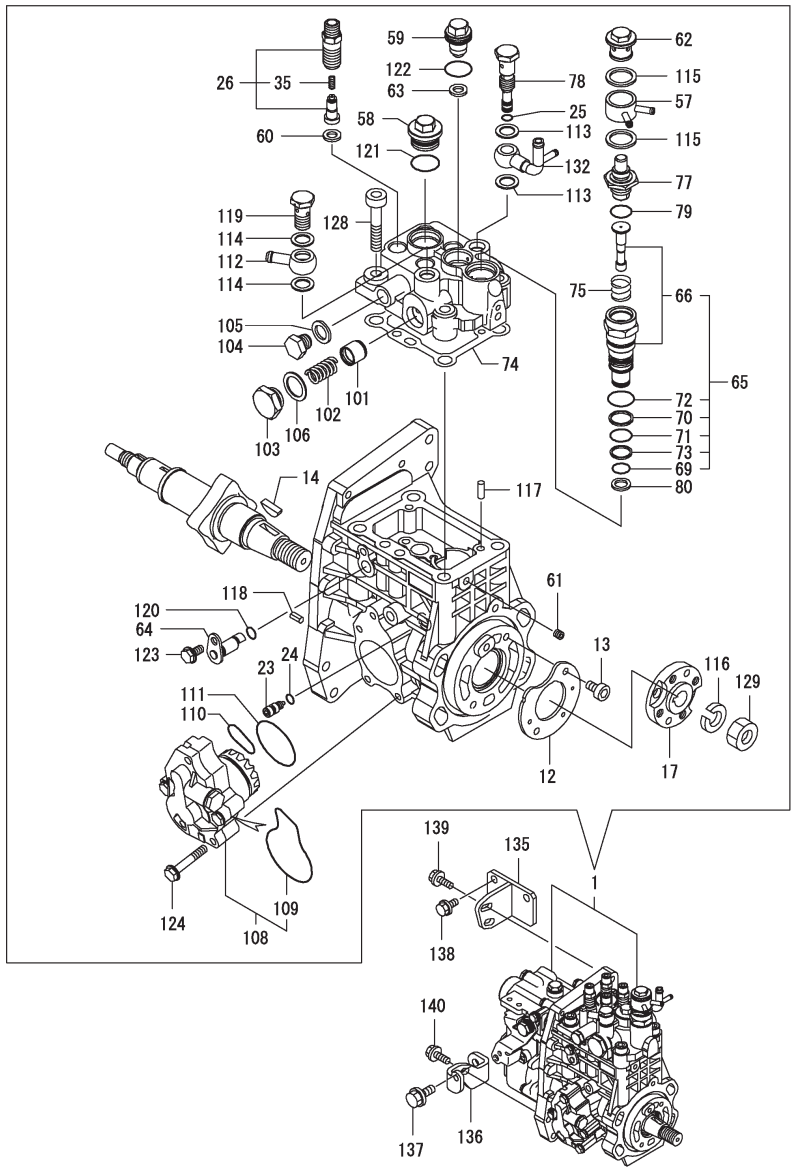
Fig.13. FUEL INJECTION PUMP

(A)=4TNV106T-GGEHC
(B)=
(C)=
(D)=
(E)=
(F)=



Remarks
(1)Governor(Fig.14) is incorporated in the fuel injection pump assy (Ref.No.1).

No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	PUMP ASSY, INJECTION	1							1
12	COVER	1							
13	BOLT, M6X10	2							
14	KEY, 5X19	1							
17	FLANGE	1							
23	STOPPER, TAPPET	1							
24	O-RING, 4D S6	1							
25	O-RING, 4D S6	1							
26	VALVE ASSY, DELIVERY	4							
35	SPRING, DELIVERY	4							
57	JOINT	1							
58	PLUG	1							
59	PLUG, BARREL	1							
60	GASKET	4							
61	PLUG	1							
62	PLUG	1							
63	GASKET	1							
64	LIFTER	1							
65	TIMER SET	1							
66	TIMER ASSY	1							
69	O-RING, 1011	1							
70	RING, BACK UP	1							
71	O-RING	1							
72	O-RING, 4D19020	1							
73	RING, BACK UP T2P15	1							
74	GASKET	1							
75	SPRING, TIMER	1							
77	ELEMENT	1							
78	JOINT, OVER FLOW	1							
79	O-RING, P14	1							
80	GASKET	1							
101	PISTON	1							
102	SPRING	1							
103	PLUG	1							
104	PLUG, M12	1							
105	WASHER, SEAL 12	1							
106	WASHER, SEAL 18	1							
108	PUMP ASSY, FUEL FEED	1							
109	O-RING	1							
110	O-RING	1							
111	O-RING, 4E S42	1							
112	JOINT, PIPE 12	1							
113	WASHER, SEAL 12	2							
114	WASHER, SEAL 12	2							
115	WASHER, SEAL 18	2							
116	WASHER, SPRING 18	1							
117	PIN, PARALLEL M5X14	2							
118	PIN, SPRING 5.0X10	2							
119	BOLT, JOINT 6	1							
120	O-RING, 1AP7.0	1							
121	O-RING, 4D19020	1							

N:Old ⇄(Yes/No) New, Q:Old ⇄(No/Yes) New, R:Old ⇄(Yes/Yes) New, S:Old ⇄(No/No) New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

++ CONTINUE ++

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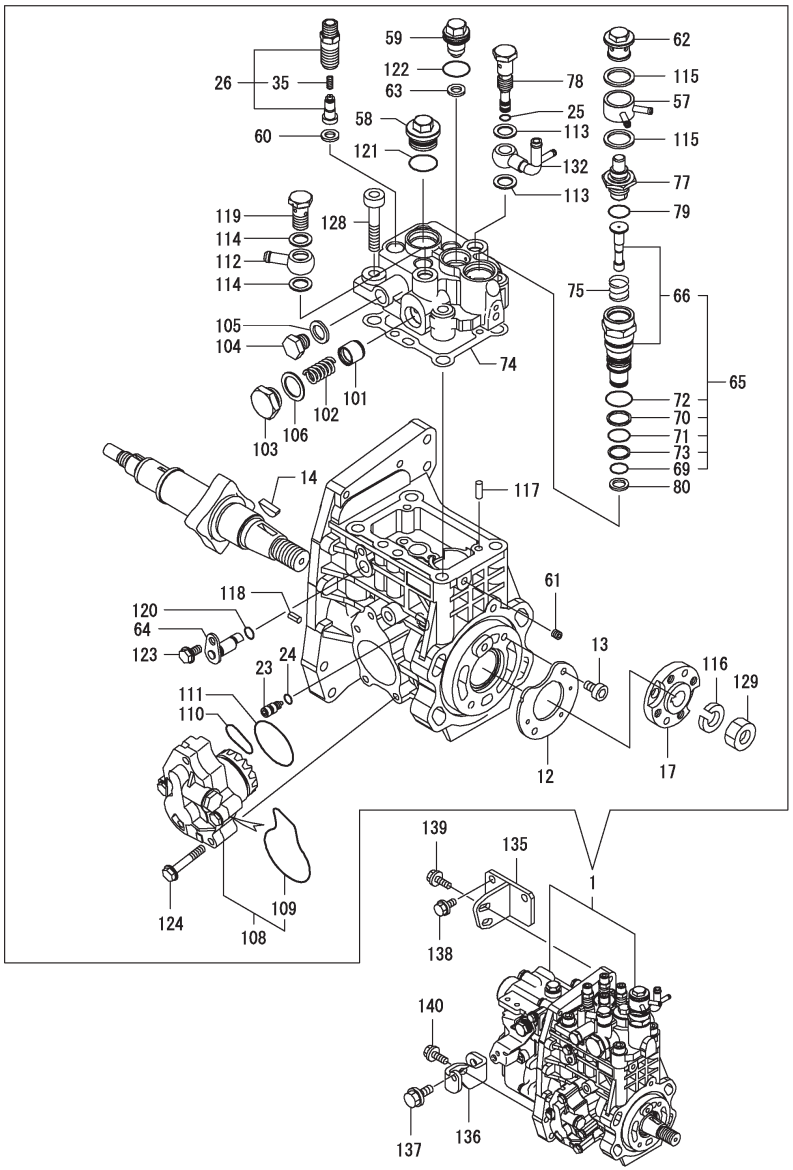
Fig.13. FUEL INJECTION PUMP

(A)=4TNV106T-GGEHC
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
122	O-RING, 4D24021	1							
123	BOLT, M6X 10 PLATED	1							
124	BOLT, M6X 35 PLATED	4							
128	BOLT, M10X 45	4							
129	NUT, LOCK M18	1							
132	JOINT, OVER FLOW	1							
135	RETAINER	1							
136	RETAINER	1							
137	BOLT, M8X 16 PLATED	2							
138	BOLT, M8X 20 PLATED	2							
139	BOLT, M8X 20 PLATED	1							
140	BOLT, M10X 16 PLATED	1							

Remarks
(1)Governor(Fig.14) is incorporated in the fuel injection pump assy (Ref.No.1).

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

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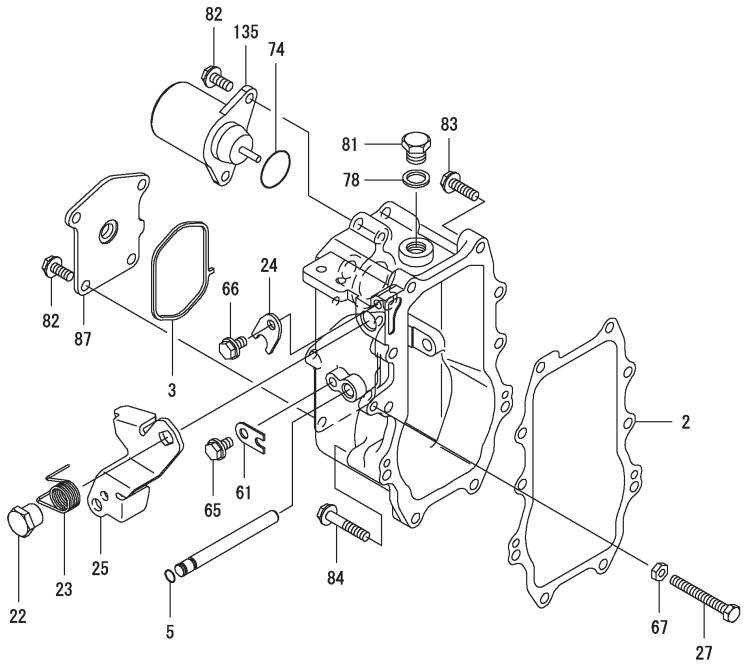
Fig.14. GOVERNOR

(A)=4TNV106T-GGEHC
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
2	GASKET	1							
3	GASKET	1							
5	O-RING, S6	1							
22	NUT, LOCK	1							
23	SPRING, RETURN	1							
24	RETAINER, SHAFT	1							
25	LEVER, REGULATOR	1							
27	BOLT, IDLE	1							
61	RETAINER, SHAFT	1							
65	BOLT, M6X 10 PLATED	1							
66	BOLT, M6X 10 PLATED	1							
67	NUT, LOCK M6	1							
74	O-RING	1							
78	WASHER, SEAL 16	1							
81	PLUG, 16	1							
82	BOLT, M6X 14 PLATED	6							
83	BOLT, M6X 25 PLATED	8							
84	BOLT, M6X 40 PLATED	2							
87	COVER, GOVERNOR CASE	1							
135	SOLENOID, STOP	1							

Remarks
* This figure(governor) is incorporated in the fuel injection pump(Fig.13).

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

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Fig.15. FUEL INJECTION VALVE

(A)=4TNV106T-GGEHC
(B)=
(C)=
(D)=
(E)=
(F)=

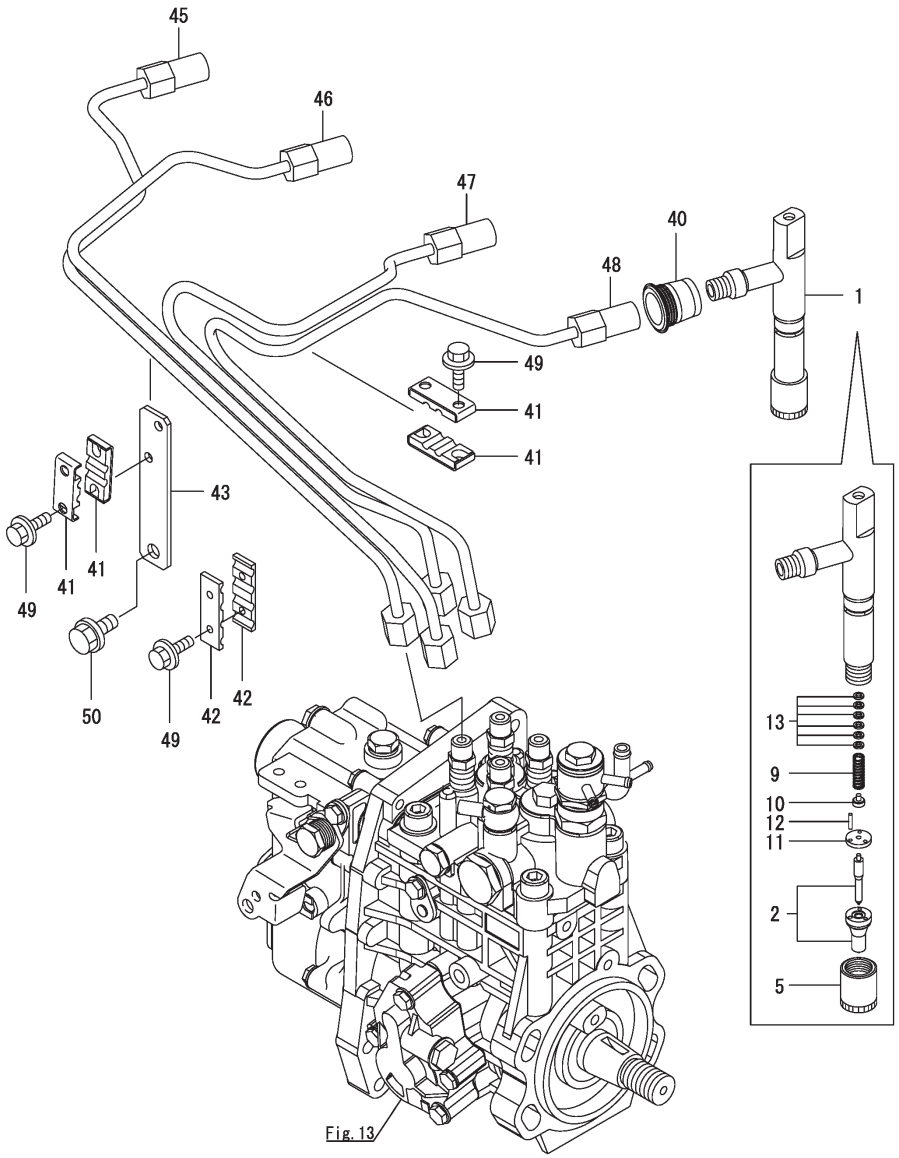

Fig. 13

No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	VALVE ASSY,INJECTION	4							
2	VALVE ASSY,INJECTION	4							
5	NUT, NOZZLE D16.95	4							
9	SPRING, NOZZLE	4							
10	SEAT, SPRING	4							
11	PLATE	4							
12	PIN	8							
13	SHIM SET	4							
40	SEAL	4							
41	RETAINER	4							
42	RETAINER, PIPE	2							
43	SUPPORT	1							
45	PIPE ASSY, INJECTION	1							
46	PIPE ASSY, INJECTION	1							
47	PIPE ASSY, INJECTION	1							
48	PIPE ASSY, INJECTION	1							
49	BOLT, M6X 20 PLATED	6							
50	BOLT, M8X 20 PLATED	1							

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

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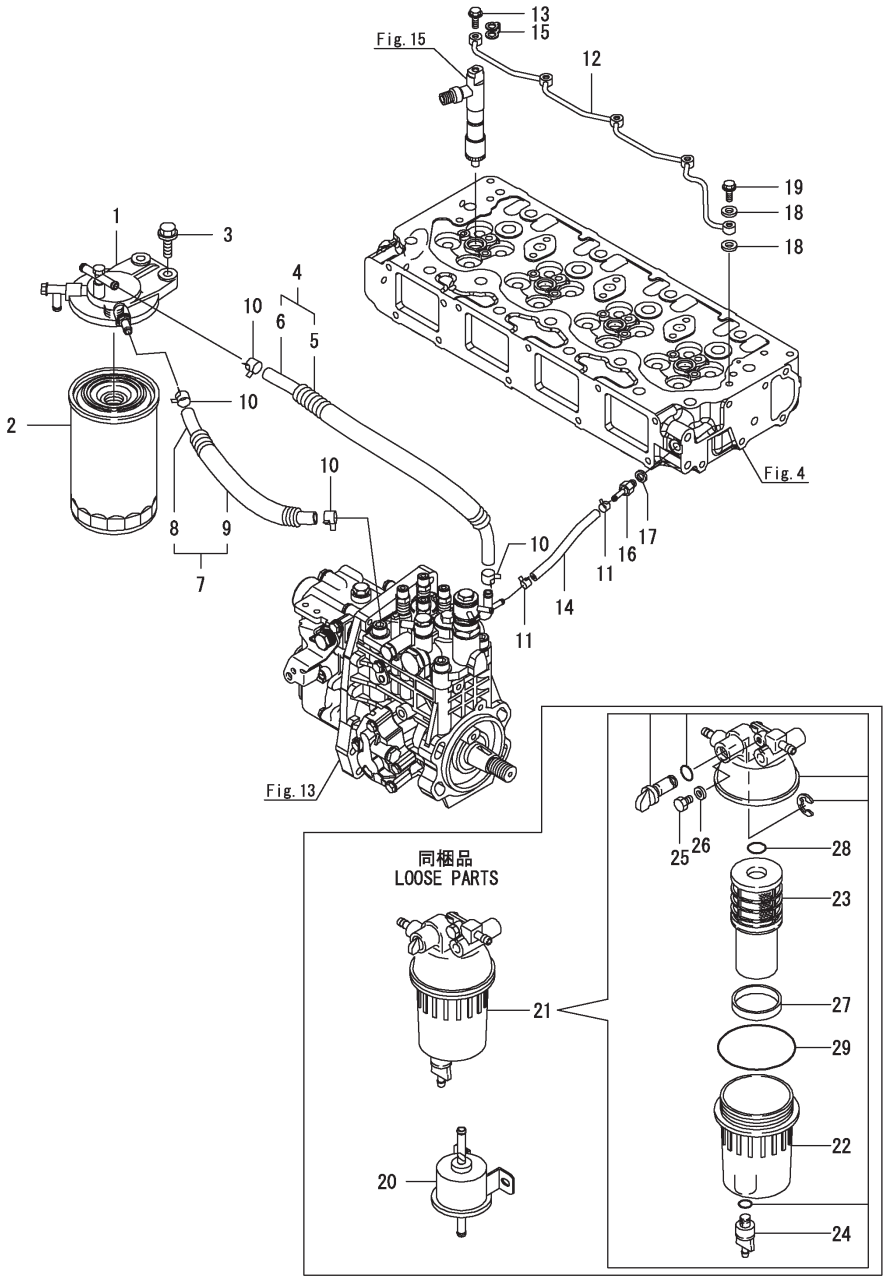
Fig.16. FUEL LINE

(A)=4TNV106T-GGEHC
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	BRACKET, FILTER	1							
2	FILTER, FUEL	1							
3	BOLT, M8X 30 PLATED	2							
4	PIPE, FUEL	1							
5	TUBE, CORRUGATED	1							
6	PIPE, FUEL D13X500	1							
7	PIPE ASSY, FUEL	1							
8	PIPE, FUEL D13X400	1							
9	TUBE, CORRUGATED	1							
10	CLAMP, 13	4							
11	CLIP, HOSE 8	2							
12	PIPE ASSY, RETURN	1							
13	BOLT, PIPE JOINT M6	4							
14	PIPE, FUEL RETURN	1							
15	GASKET	4							
16	JOINT	1							
17	WASHER, SEAL 6	1							
18	GASKET, 8X1.0	2							
19	BOLT, JOINT 3	1							
20	PUMP ASSY, FUEL FEED	1							
21	SEPARATOR ASSY	1							
22	CUP	1							
23	ELEMENT	1							
24	PLUG, DRAIN	1							
25	VALVE, AIR VENT	1							
26	GASKET	1							
27	FLOAT	1							
28	O-RING, 1AP16.0	1							
29	O-RING, 1AG75.0	1							

N:Old ⇔ New (Yes / No), Q:Old ⇔ New (No / Yes), R:Old ⇔ New (Yes / Yes), S:Old ⇔ New (No / No), W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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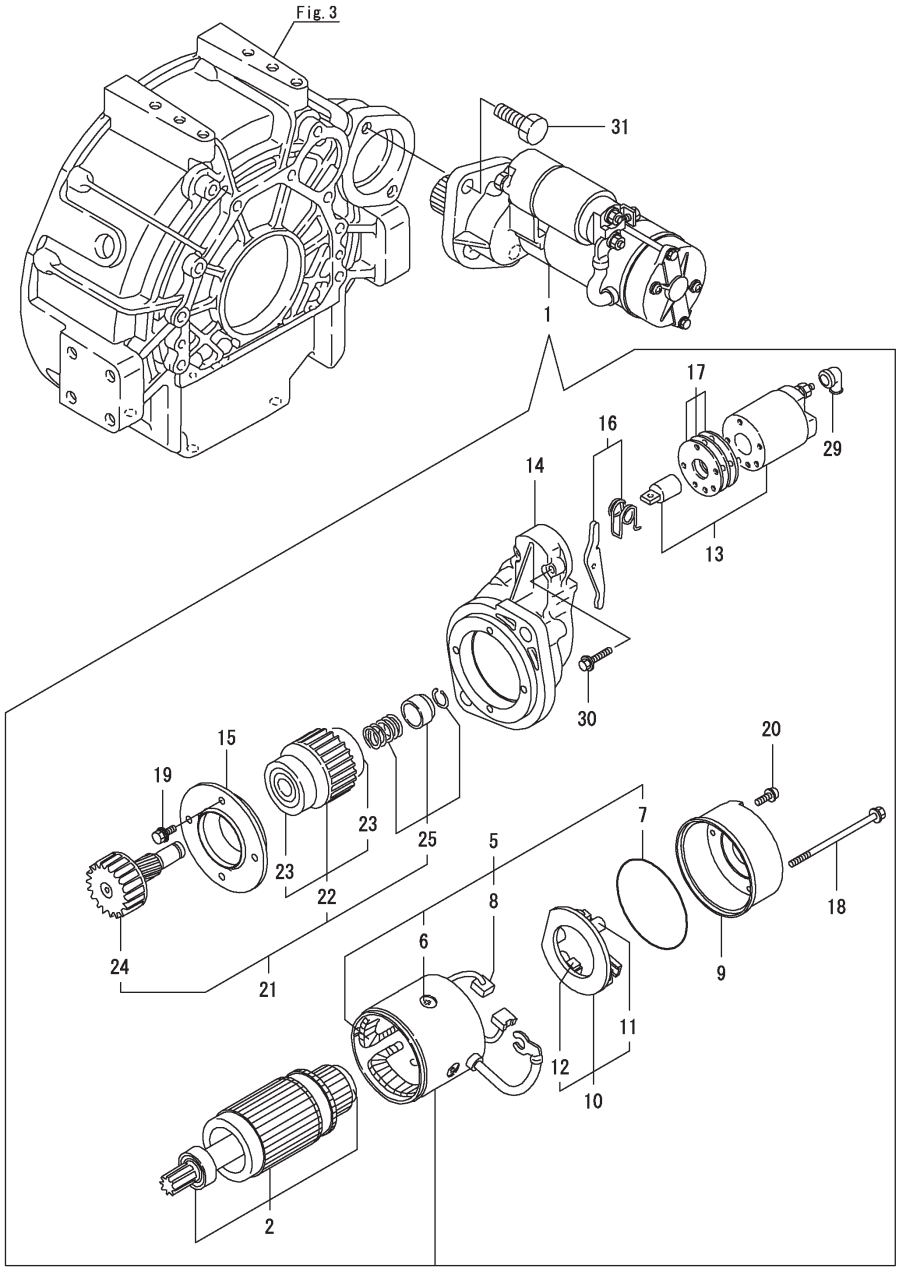
Fig.17. STARTING MOTOR

(A)=4TNV106T-GGEHC
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	STARTER	1							
2	ARMATURE ASSY	1							
5	COIL ASSY, FIELD	1							
6	SCREW	4							
7	O-RING	1							
8	BRUSH	2							
9	COVER	1							
10	HOLDER ASSY, BRUSH	1							
11	SPRING	1							
12	BRUSH	2							
13	SWITCH ASSY	1							
14	CASE, GEAR	1							
15	RETAINER	1							
16	LEVER SET	1							
17	COVER ASSY, DUST	1							
18	BOLT, THROUGH	2							
19	BOLT	4							
20	SCREW	2							
21	PINION ASSY	1							
22	CLUTCH ASSY	1							
23	BEARING, BALL	2							
24	SHAFT	1							
25	STOPPER KIT	1							
29	COVER, TERMINAL	1							
30	BOLT	2							
31	BOLT, M12X 25 PLATED	2							

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

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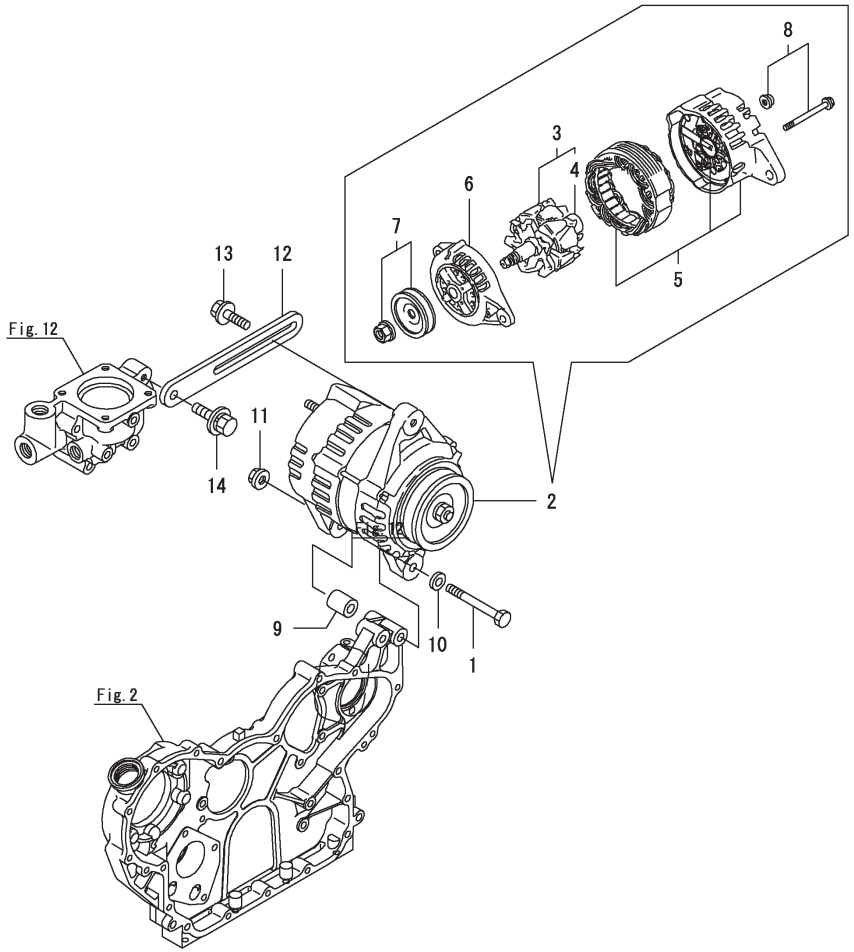
Fig.18. GENERATOR

(A)=4TNV106T-GGEHC (D)=
(B)= (E)=
(C)= (F)=



No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	BOLT, M10X120	1							
2	ALTERNATOR	1							
3	ROTOR ASSY	1							
4	BEARING, BALL	1							
5	BRACKET ASSY	1							
6	BRACKET ASSY	1							
7	PULLEY	1							
8	SCREW KIT	1							
9	PIECE, DISTANCE	1							
10	WASHER, 10	1							
11	NUT, M10	1							
12	ADJUSTER	1							
13	BOLT, ADJUSTER	1							
14	BOLT, M8X25	1							

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

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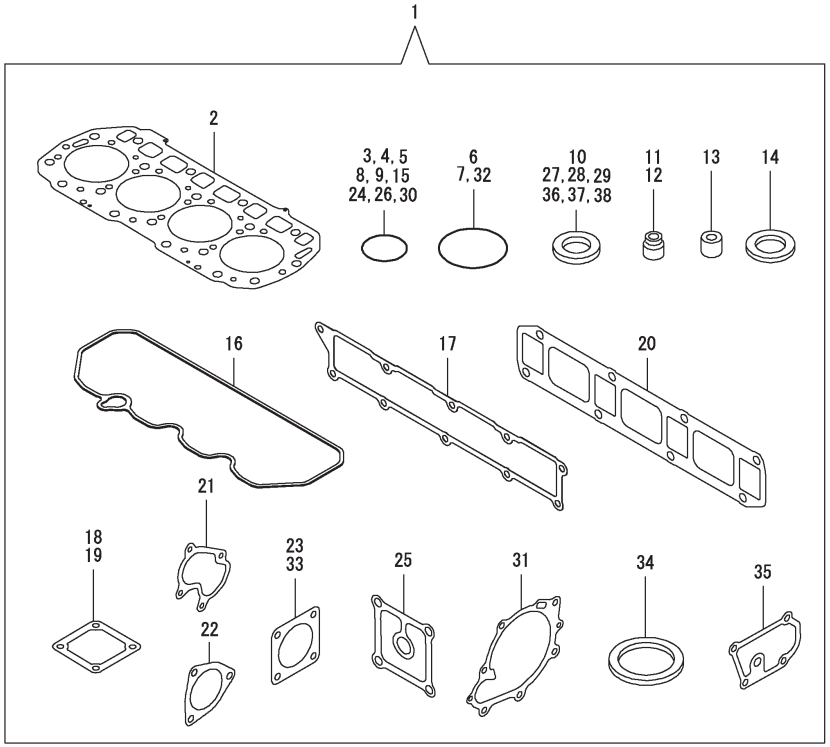
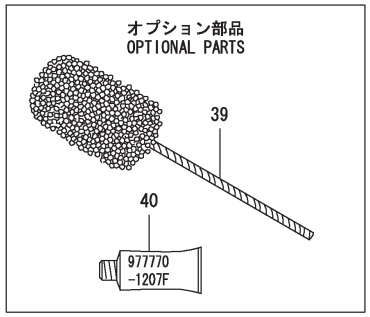
Fig.19. GASKET SET

(A)=4TNV106T-GGEHC
(B)=
(C)=
(D)=
(E)=
(F)=





No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	GASKET SET	1							1
2	GASKET, HEAD	1							
3	O-RING, P20	1							
4	O-RING, P14	1							
5	O-RING, 1AP11.0	1							
6	O-RING, 1AG85.0	1							
7	O-RING, 1A3075	1							
8	O-RING, 1AP32.0	2							
9	O-RING, 1AS24.0	1							
10	WASHER, SEAL 22	1							
11	SEAL, VALVE STEM	8							
12	SEAL, VALVE STEM	8							
13	PROTECTOR, NOZZLE	4							
14	SEAT, NOZZLE	4							
15	O-RING, 1AP12.0	8							
16	GASKET, BONNET	1							
17	GASKET, MANIFOLD	1							
18	GASKET	1							
19	GASKET	1							
20	GASKET	1							
21	GASKET	1							
22	GASKET	1							
23	GASKET	1							
24	O-RING, 1AS53.0	1							
25	GASKET	1							
26	O-RING, 4CP18.0	1							
27	GASKET, 8X1.0	7							
28	GASKET, 10X1.0	4							
29	WASHER, SEAL 6	3							
30	O-RING, 4DP18.0	1							
31	GASKET, WATER PUMP	1							
32	O-RING, P40	1							
33	GASKET	1							
34	GASKET	1							
35	GASKET	1							
36	GASKET, 16	1							
37	GASKET	1							
38	GASKET	4							
39	HONE	1							1
40	GASKET.LIQUID	1							1

Remarks
(1)Optional Part.

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

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