

0CW10-M66800EN

P R E F A C E

1. This parts catalog is the 1st edition of 3TNV88-KIRD for DOOSAN INFRACORE PORTABLE POWER.

Pub.No. : 0CW10-G66800

Published : September, 2010

2. Model name

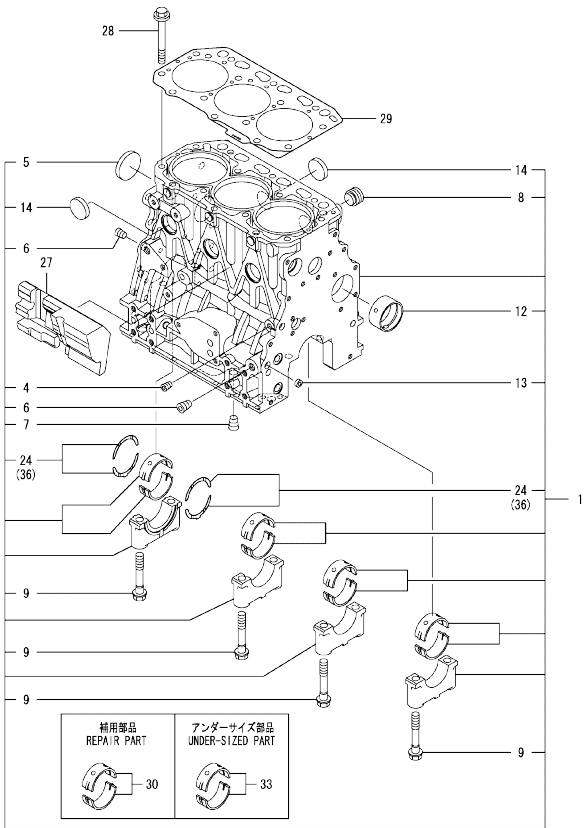
Engine model	Vehicle	Vehicle made by
3TNV88-KIRD	COMPRESSOR	DOOSAN INFRACORE PORTABLE POWER

Contents

0CW10-M66800

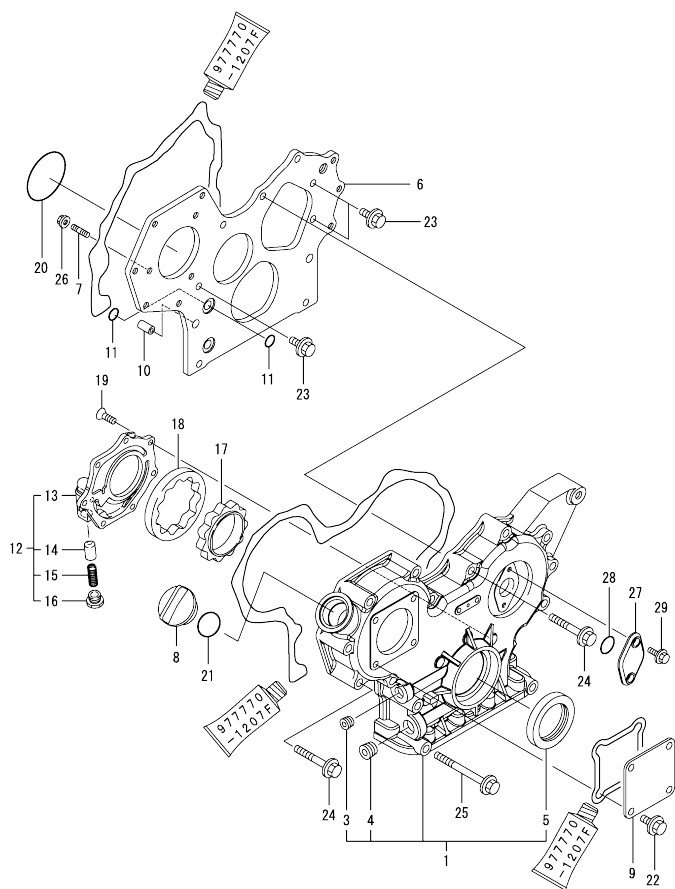
Fig. No.	Fig. Name	Fig. No.	Fig. Name
3TNV88-KIRD			
1.	CYLINDER BLOCK		
2.	GEAR HOUSING		
3.	FLYWHEEL HOUSING & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	SUCTION MANIFOLD		
6.	EXHAUST MANIFOLD		
7.	CAMSHAFT & DRIVING GEAR		
8.	CRANKSHAFT & PISTON		
9.	LUB. OIL SYSTEM		
10.	COOLING WATER SYSTEM		
11.	FUEL INJECTION PUMP		
12.	GOVERNOR		
13.	FUEL INJECTION VALVE		
14.	FUEL LINE		
15.	STARTING MOTOR		
16.	GENERATOR		
17.	GASKET SET		

0CW10-M66800 3TNV88-KIRD
Fig.1. CYLINDER BLOCK



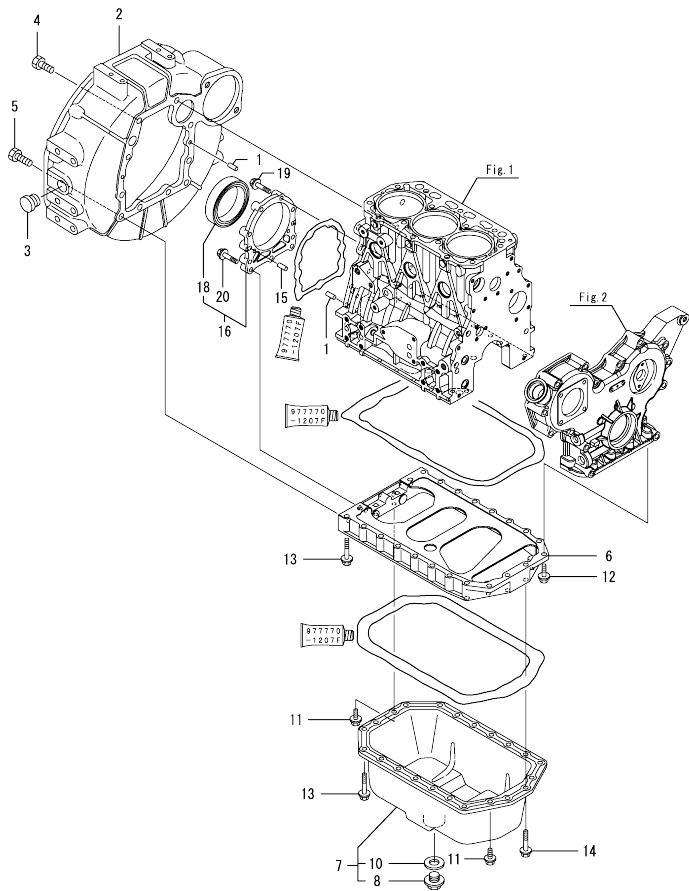
Remarks
(1)Repair part.
(2)Under-sized(U.S.=0.25)part.
(3)Over-sized(O.S.=0.25)part.

							0CW10-M66800 Fig.1							
							(A)=3TNV88-KIRD (D)= (E)= (F)=							
							Q'ty							
No.	Lev.	Parts No.	Description				(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729005-01560	BLOCK ASSY, CYLINDER				1							
4	2	124060-01050	PLUG, PT1/8				1							
5	2	129001-01250	PLUG, 50				1							
6	2	124160-01910	PLUG, PT1/4				2							
7	2	124160-01910	PLUG, PT1/4				1							
8	2	171051-01921	PLUG, NPTF1				1							
9	2	129150-02020	BOLT, METAL CAP				8							
12	2	129795-02412	BUSH, CAMSHAFT				1							
13	2	27241-120000	PLUG, 12				2							
14	2	27241-300000	PLUG 30				6							
24	2	129150-02931	BEARING, THRUST				2							
27	1	129004-01190	SPACER				1							
28	1	129150-01200	BOLT, HEAD				14							
29	1	129001-01340	GASKET, HEAD				1							
30	1	129001-02931	BEARING, MAIN				4							1
33	1	129150-02871	BEARING, 0.25 US				4							2
36	1	129150-02941	BEARING, THRUST 0.25				1							3



No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty (C)	(D)	(E)	(F)	I	R
1	1	729233-01500	CASE ASSY, GEAR	1							
3	2	23876-030000	PLUG, R03	1							
4	2	23876-040000	PLUG, R04	1							
5	2	119934-01800	SEAL, OIL	1							
6	1	119802-01520	FLANGE, GEAR CASE	1							
7	1	119802-01561	STUD, M8X25	3							
8	1	124160-01751	COVER, FILLER	1							
9	1	124240-01871	COVER	1							
10	1	129795-01950	PIPE, KNOCK L=18	2							
11	1	119609-32040	O-RING, P16	4							
12	1	119802-32100	COVER ASSY	1							
13	2	119802-32070	COVER	1							
14	2	129900-32130	VALVE, RELIEF	1							
15	2	129418-32320	SPRING	1							
16	2	129001-32330	PLUG	1							
17	1	119802-32111	ROTOR, INNER	1							
18	1	119802-32120	ROTOR, OUTER	1							
19	1	119802-32130	SCREW, M6X16	7							
20	1	121850-51960	O-RING	1							
21	1	24311-000320	O-RING, 1AP32.0	1							
22	1	26106-080162	BOLT, M8X 16 PLATED	4							
23	1	26106-080162	BOLT, M8X 16 PLATED	3							
24	1	26106-080552	BOLT, M8X 55 PLATED	12							
25	1	26106-080852	BOLT, M8X 85 PLATED	3							
26	1	26306-080002	NUT, M8	3							
27	1	121023-01551	COVER	1							
28	1	24341-000240	O-RING, 1AS24.0	1							
29	1	26106-060162	BOLT, M6X 16 PLATED	2							

Fig.3. FLYWHEEL HOUSING & OIL SUMP

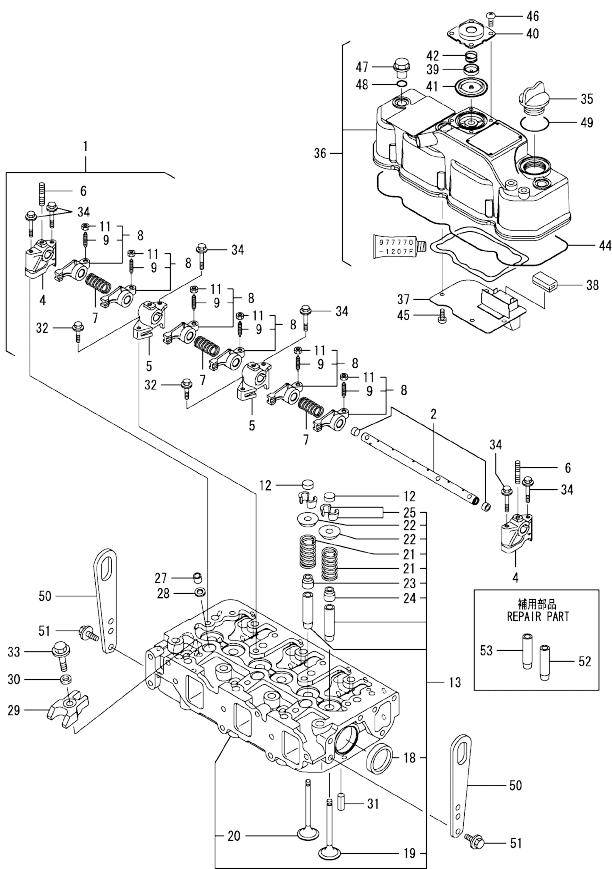


(A)=3TNV88-KIRD
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2							
2	1	171420-01600	HOUSING, FLYWHEEL	1							
3	1	119620-01750	CAP	1							
4	1	26206-100252	BOLT, M10X 25 PLATED	6							
5	1	26206-100302	BOLT, M10X 30 PLATED	4							
6	1	129100-01730	SPACER, OIL SUMP	1							
7	1	129136-01780	SUMP ASSY, OIL	1							
8	2	119640-01640	PLUG, DRAIN M22	1							
10	2	22190-220002	WASHER, SEAL 22	1							
11	1	26106-080162	BOLT, M8X 16 PLATED	4							
12	1	26106-080252	BOLT, M8X 25 PLATED	2							
13	1	26106-080452	BOLT, M8X 45 PLATED	16							
14	1	26106-080502	BOLT, M8X 50 PLATED	4							
15	1	129100-01580	PIN, M8X16	2							
16	1	129100-01640	CASE ASSY, OIL SEAL	1							
18	2	129795-01780	SEAL, OIL	1							
19	1	129486-01670	BOLT, M8X30	6							
20	1	26106-080352	BOLT, M8X 35 PLATED	3							

Fig.4. CYLINDER HEAD & BONNET



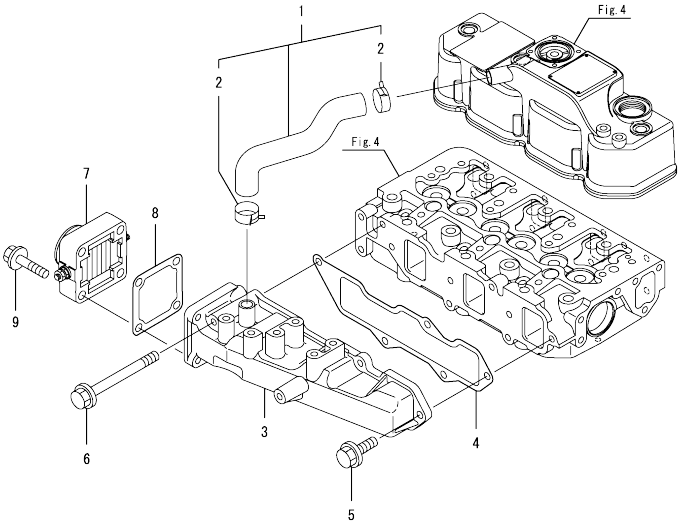
Remarks
(1)Repair part.

(A)=3TNV88-KIRD
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-11241	SHAFT ASSY,ROCKER	1							
2	2	129004-11251	SHAFT,ROCKER ARM	1							
4	2	119802-11260	SUPPORT,ROCKER ARM	2							
5	2	119802-11270	SUPPORT,ROCKER ARM	2							
6	2	119802-11280	STUD	3							
7	2	129150-11280	SPRING	3							
8	2	129004-11650	ARM,ROCKER	6							
9	3	129150-11230	SCREW, VALVE ADJUST	6							
11	3	129150-11750	NUT, M8	6							
12	1	129150-11370	CAP, VALVE	6							
13	1	129005-11700	HEAD ASSY, CYLINDER	1							
18	2	27241-400000	PLUG, 40	2							
19	2	129005-11100	VALVE, INTAKE	3							
20	2	129100-11112	VALVE, EXHAUST	3							
21	2	129795-11120	SPRING, VALVE	6							
22	2	129795-11180	RETAINER, SPRING	6							
23	2	121400-11340	SEAL, VALVE STEM	3							
24	2	124460-11340	SEAL, VALVE STEM	3							
25	2	27310-080001	COTTER, 8	6							
27	1	119802-11870	PROTECTOR, NOZZLE	3							
28	1	119625-11880	SEAT, NOZZLE	3							
29	1	129004-11900	RETAINER, NOZZLE	3							
30	1	120270-54410	WASHER, INJECTOR	3							
31	1	22351-060012	PIN, SPRING 6.0X12	2							
32	1	26106-080252	BOLT, M8X 25 PLATED	2							
33	1	26106-080352	BOLT, M8X 35 PLATED	3							
34	1	26106-080502	BOLT, M8X 50 PLATED	6							
35	1	124160-01751	COVER, FILLER	1							
36	1	129004-11350	BONNET ASSY, HEAD	1							
37	2	129004-03010	PLATE	1							
38	2	129150-03070	BAFFLE, BREATHER	1							
39	2	119802-03110	PLATE	1							
40	2	119802-03121	COVER, DIAPHRAGM	1							
41	2	119802-03130	DIAPHRAGM	1							
42	2	119802-03141	SPRING, DIAPHRAGM	1							
44	2	129004-11310	GASKET, BONNET	1							
45	2	22857-500100	SCREW, 5X10	4							
46	2	22857-500100	SCREW, 5X10	4							
47	1	124160-11360	KNOB	3							
48	1	24311-000120	O-RING, 1AP12.0	3							
49	1	24311-000320	O-RING, 1AP32.0	1							
50	1	129900-07900	LIFTER	2							
51	1	26106-080162	BOLT, M8X 16 PLATED	4							
52	1	120130-11860	GUIDE, VALVE	3							1
53	1	129150-11810	GUIDE, VALVE	3							1

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Fig.5. SUCTION MANIFOLD



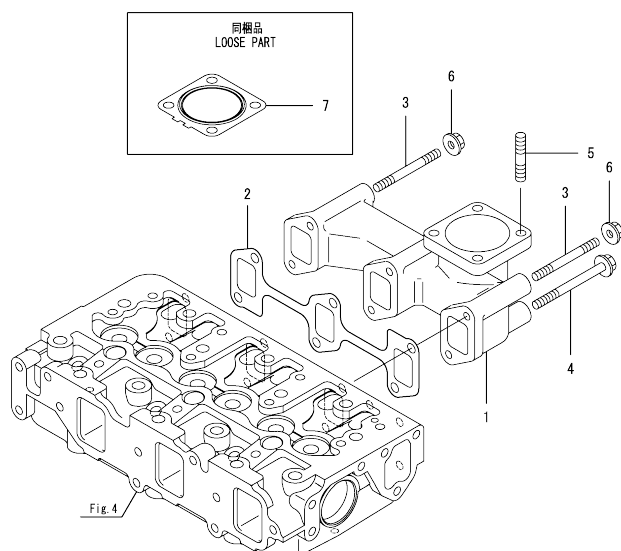
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				(A)=3TNV88-KIRD				(D)=			
				(B)=				(E)=			
				(C)=				(F)=			
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-03080	PIPE , BREATHER	1							
2	2	129410-03990	CLIP	2							
3	1	129004-12101	MANIFOLD, AIR INTAKE	1							
4	1	129001-12110	GASKET, MANIFOLD	1							
5	1	26106-080202	BOLT, M8X 20 PLATED	4							
6	1	26106-080802	BOLT, M8X 80 PLATED	1							
7	1	129120-77502	HEATER	1							
8	1	129150-77511	GASKET	1							
9	1	26106-080352	BOLT, M8X 35 PLATED	4							

Fig.6. EXHAUST MANIFOLD

(D)=
(E)=

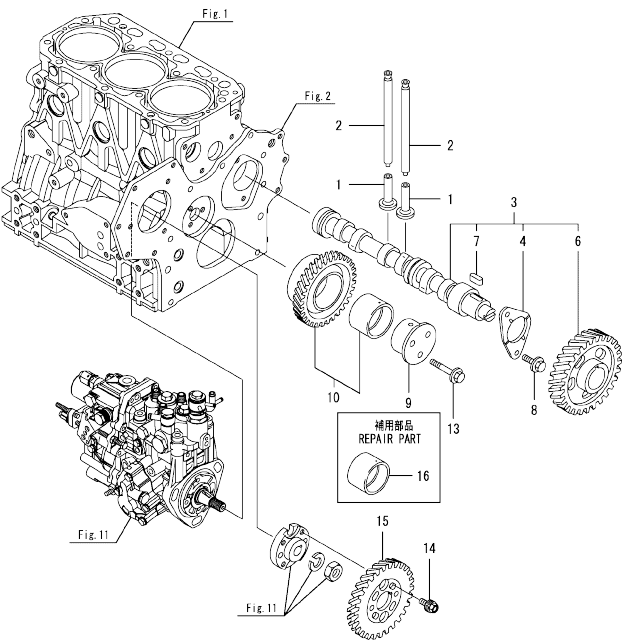
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	171350-13100	MANIFOLD, EXHAUST	1							
2	1	129150-13110	GASKET	1							
3	1	123900-13610	STUD, M8X80	2							
4	1	123900-13630	BOLT, M8X80	4							
5	1	119131-18320	STUD, M8X22	4							
6	1	26306-080002	NUT, M8	2							
7	1	129004-13200	GASKET, SILENCER	1							



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

Fig.7. CAMSHAFT & DRIVING GEAR



Remarks
(1)Repair part.

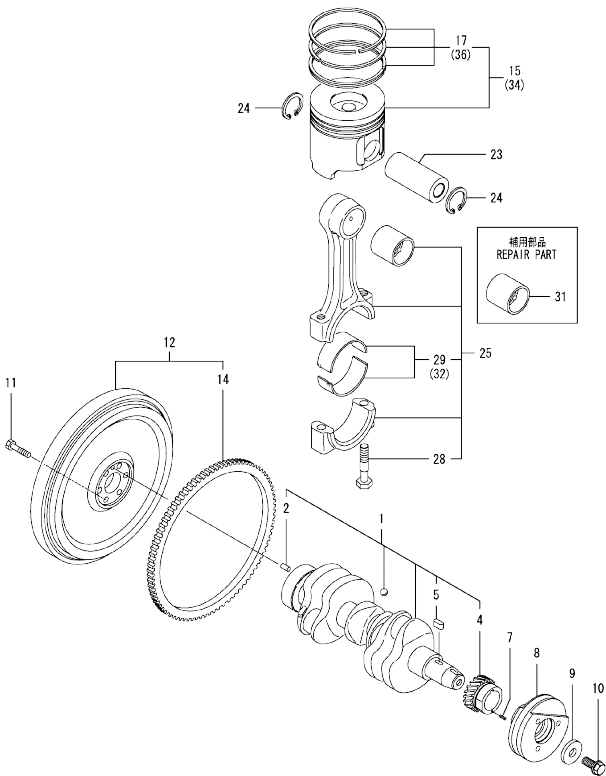
(A)=3TNV88-KIRD
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	6							
2	1	129150-14400	ROD, PUSH L=178	6							
3	1	129129-14580	CAMSHAFT ASSY	1							
4	2	129150-02450	BEARING, THRUST	1							
6	2	129150-14101	GEAR, CAMSHAFT	1							
7	2	22512-070140	KEY, 7X 14	1							
8	1	26106-080142	BOLT, M8X 14 PLATED	2							
9	1	119802-25051	SHAFT, IDLE	1							
10	1	119802-25101	GEAR ASSY, IDLE	1							
13	1	26106-080402	BOLT, M8X 40 PLATED	3							
14	1	129150-25301	BOLT	4							
15	1	119802-25901	GEAR, PUMP	1							
16	1	119802-25071	BUSH, IDLE GEAR	1							1

0CW10-M66800 3TNV88-KIRD

Fig.8. CRANKSHAFT & PISTON

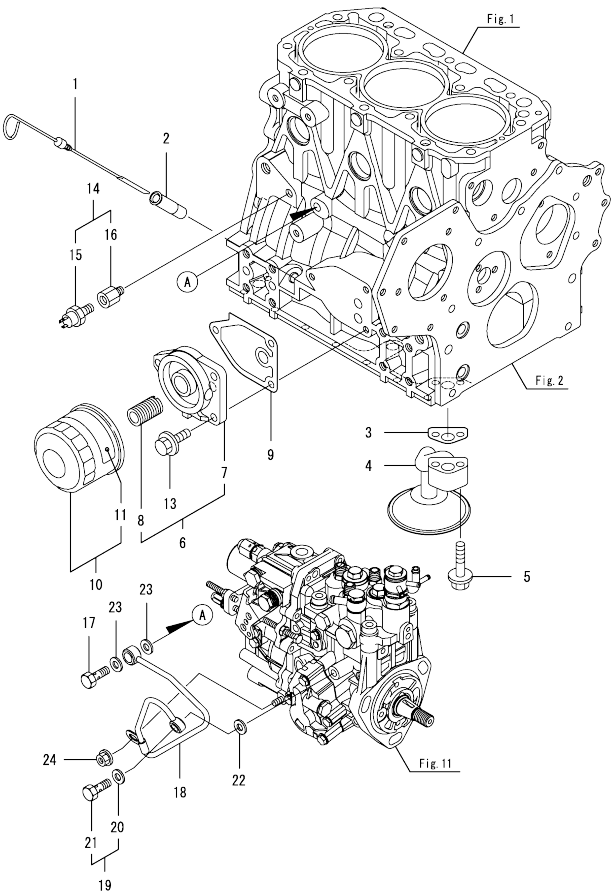


Remarks
(1)Repair part.
(2)Under-sized(U.S.=0.25)part.
(3)Over-sized(O.S.=0.25)part.

0CW10-M66800 Fig.8

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-21002	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
4	2	119802-21202	GEAR, CRANKSHAFT	1							
5	2	22512-070140	KEY, 7X 14	1							
7	1	22351-030010	PIN, SPRING 3.0X10	1							
8	1	129004-21650	V-PULLEY, 110	1							
9	1	129795-21661	WASHER	1							
10	1	121850-21680	BOLT	1							
11	1	121111-21501	BOLT, FLYWHEEL	6							
12	1	129005-21560	FLYWHEEL ASSY	1							
14	2	124550-21600	GEAR, RING	1							
15	1	129005-22080	PISTON ASSY	3							
17	2	129005-22500	RING SET, PISTON	3							
23	1	129202-22300	PIN, PISTON D26 L70	3							
24	1	22252-000260	RING, 26	6							
25	1	729402-23100	ROD ASSY, CONNECTING	3							
28	2	121550-23200	BOLT, CONNECTING ROD	6							
29	2	129150-23601	BEARING, CRANK PIN	3							
31	1	129100-23910	BEARING, PISTON PIN	3							1
32	1	129150-23611	BEARING, 0.25 US	3							2
34	1	129005-22900	PISTON ASSY, 0.25 OS	3							3
36	2	129005-22950	RING SET, 0.25 OS	3							3

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Fig.9. LUB. OIL SYSTEM

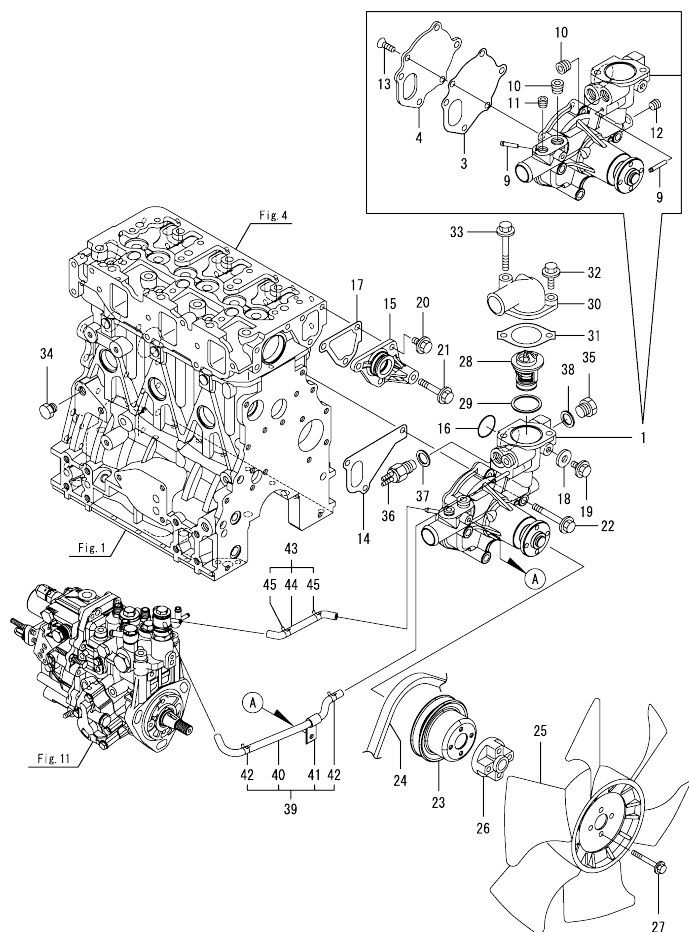


0CW10-M66800 Fig.9

(A)=3TNV88-KIRD
(B)=
(C)=

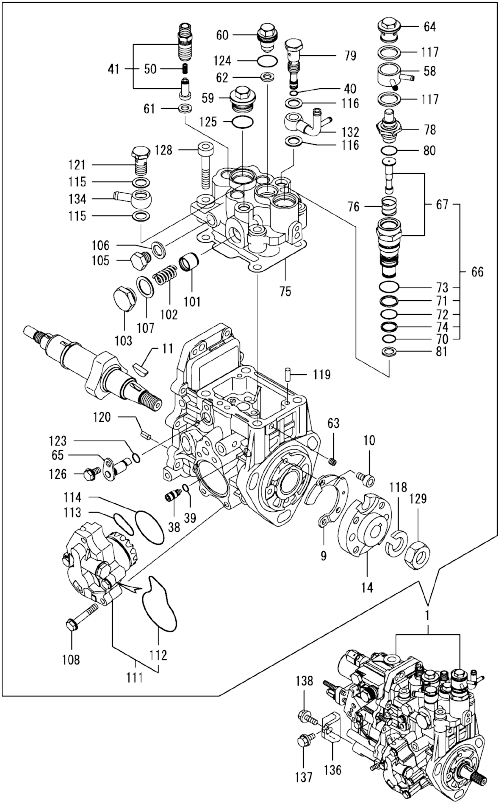
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-34802	DIPSTICK, OIL	1							
2	1	121520-34810	GUIDE, DIPSTICK	1							
3	1	129150-35042	GASKET	1							
4	1	129100-35301	PIPE ASSY, OIL INLET	1							
5	1	26106-080352	BOLT, M8X 35 PLATED	2							
6	1	119802-35100	BRACKET ASSY, FILTER	1							
7	2	119802-35110	BRACKET, FILTER	1							
8	2	129100-35140	STUD	1							
9	1	129150-35111	GASKET	1							
10	1	119802-35170	FILTER, 80X80L ASSY	1							
11	2	119802-07080	LABEL, L/O FILTER	1							
13	1	26106-080202	BOLT, M8X 20 PLATED	3							
14	1	119940-39470	SWITCH	1							
15	2	119802-39460	SWITCH	1							
16	2	119285-39610	ADAPTER	1							
17	1	124160-39140	BOLT, PIPE JOINT M10	1							
18	1	119802-39450	PIPE ASSY, OIL	1							
19	1	129005-59830	BOLT ASSY, JOINT M8	1							
20	2	22190-080002	WASHER, SEAL 6	1							
21	2	23857-030000	BOLT, JOINT 3	1							
22	1	22190-080002	WASHER, SEAL 6	1							
23	1	22190-100002	WASHER, SEAL 10	2							
24	1	26366-060002	NUT, M6	1							



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-42001	PUMP ASSY, WATER	1							
3	2	129100-42051	GASKET, WATER PUMP	1							
4	2	129100-42121	PLATE	1							
9	2	119802-49113	JOINT, PIPE	2							
10	2	129916-49740	PLUG, R03	2							
11	2	23875-020000	PLUG, R02	1							
12	2	23876-010000	PLUG, R01	1							
13	2	26577-060142	SCREW M 6X 14	3							
14	1	129486-42021	GASKET, WATER PUMP	1							
15	1	129004-42040	JOINT	1							
16	1	129486-42140	O-RING, G30	1							
17	1	124395-49840	GASKET	1							
18	1	23414-080000	GASKET, 8X1.0	1							
19	1	26106-080122	BOLT, M8X 12 PLATED	1							
20	1	26106-080162	BOLT, M8X 16 PLATED	3							
21	1	26106-080452	BOLT, M8X 45 PLATED	1							
22	1	26106-080602	BOLT, M8X 60 PLATED	3							
23	1	129155-42350	V-PULLEY	1							
24	1	119831-42290	V-BELT, A37.5	1							
25	1	129612-44700	FAN, COOLING	1							
26	1	129030-44760	SPACER, FAN L38.5	1							
27	1	26106-060502	BOLT, M6X 50 PLATED	4							
28	1	129155-49801	THERMOSTAT, 71	1							
29	1	129150-49811	GASKET, THERMOSTAT	1							
30	1	124101-49531	COVER, THERMOSTAT	1							
31	1	129795-49551	GASKET	1							
32	1	26106-080252	BOLT, M8X 25 PLATED	1							
33	1	26106-080652	BOLT, M8X 65 PLATED	1							
34	1	171056-49120	PLUG, DRAIN	1							
35	1	121450-42450	PLUG, M16	1							
36	1	119843-44900	SWITCH, 110	1							
37	1	124465-44950	GASKET, 16	1							
38	1	124465-44950	GASKET, 16	1							
39	1	129004-49610	PIPE ASSY, WATER	1							
40	2	129004-49711	PIPE ASSY, WATER	1							
41	2	119802-49730	RETAINER, PIPE	1							
42	2	124722-59050	CLIP, HOSE 9	2							
43	1	129004-49620	PIPE ASSY, WATER	1							
44	2	129004-49721	PIPE ASSY, WATER	1							
45	2	124722-59050	CLIP, HOSE 9	2							

Fig.11. FUEL INJECTION PUMP

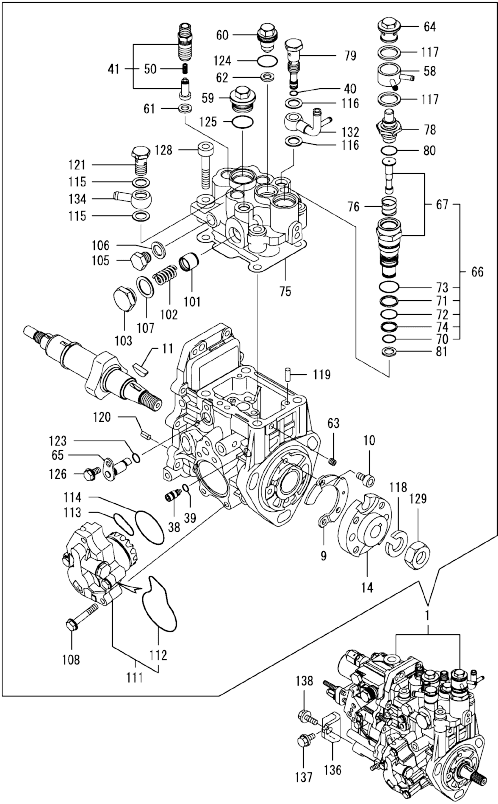


Remarks
(1)Governor(Fig.12)is incorporated in this Fuel Injection Pump (Ref.1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729242-51490	INJECTION PUMP ASSY	1							1
9	2	129008-51900	COVER, GEAR CASE	1							
10	2	129008-51920	BOLT, M6X10	2							
11	2	119802-51090	KEY, 4X16	1							
14	2	158552-51151	FLANGE	1							
38	2	158600-51270	STOPPER, TAPPET	1							
39	2	158563-51281	O-RING, 4D S6	1							
40	2	158563-51281	O-RING, 4D S6	1							
41	2	129509-51390	VALVE ASSY, DELIVERY	3							
50	3	158563-51330	SPRING, DELIVERY	3							
58	2	158553-51551	JOINT	1							
59	2	158601-51550	PLUG	1							
60	2	119802-51560	PLUG, BARREL	1							
61	2	158552-51571	GASKET	3							
62	2	158552-51571	GASKET	1							
63	2	158557-51570	PLUG	1							
64	2	158601-51570	PLUG	1							
65	2	158552-51580	LIFTER	1							
66	2	119802-51590	TIMER SET	1							
67	3	119802-51600	TIMER ASSY	1							
70	3	158553-51670	O-RING, 1011	1							
71	3	119802-51680	RING, BACK UP	1							
72	3	119802-51690	O-RING	1							
73	3	24356-190200	O-RING, 4D19020	1							
74	3	24372-000150	RING, BACK UP T2P15	1							
75	2	158552-51600	GASKET	1							
76	2	158553-51630	SPRING, TIMER	1							
78	2	158553-51640	ELEMENT	1							
79	2	158601-51650	JOINT, OVER FLOW	1							
80	2	158553-51660	O-RING, P14	1							
81	2	158553-51680	GASKET	1							
101	2	158601-51770	PISTON	1							
102	2	158552-51781	SPRING	1							
103	2	158601-51790	PLUG	1							
105	2	158553-51930	PLUG, M12	1							
106	2	22190-120002	WASHER, SEAL 12	1							
107	2	22190-180002	WASHER, SEAL 18	1							
108	2	158553-51770	BOLT	4							
111	2	158552-52100	PUMP ASSY, FUEL FEED	1							
112	3	158552-52500	O-RING	1							
113	2	158552-52311	O-RING	1							
114	2	158552-52400	O-RING, 4E S42	1							
115	2	22190-120002	WASHER, SEAL 12	2							
116	2	22190-120002	WASHER, SEAL 12	2							
117	2	22190-180002	WASHER, SEAL 18	2							
118	2	22217-140000	WASHER, SPRING 14	1							
119	2	22312-050140	PIN, PARALLEL M5X14	2							
120	2	22351-050010	PIN, SPRING 5.0X10	2							
121	2	23857-060000	BOLT, JOINT 6	1							
123	2	24311-000070	O-RING, 1AP7.0	1							
124	2	24356-190180	O-RING, 4D19018	1							

N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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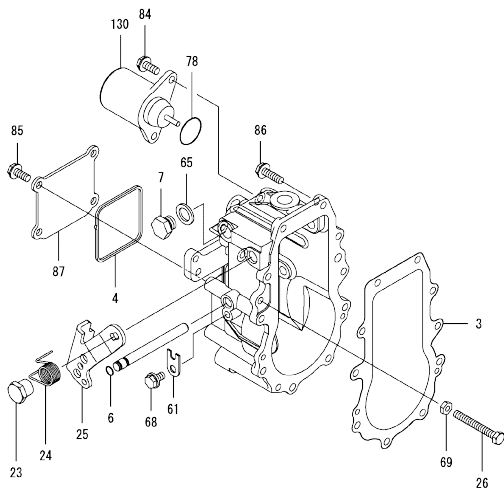
Fig.11. FUEL INJECTION PUMP



Remarks
(1)Governor(Fig.12)is incorporated in this Fuel Injection Pump (Ref.1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
125	2	24356-190200	O-RING, 4D19020	1							
126	2	26106-060102	BOLT, M6X 10 PLATED	1							
128	2	26450-080452	BOLT, M8X 45	4							
129	2	26776-140002	NUT, LOCK M14	1							
132	2	158552-51670	JOINT, OVER FLOW	1							
134	2	129916-59020	JOINT, PIPE 12	1							
136	1	119802-51250	RETAINER, PUMP	1							
137	1	26106-080162	BOLT, M8X 16 PLATED	1							
138	1	26106-080202	BOLT, M8X 20 PLATED	1							

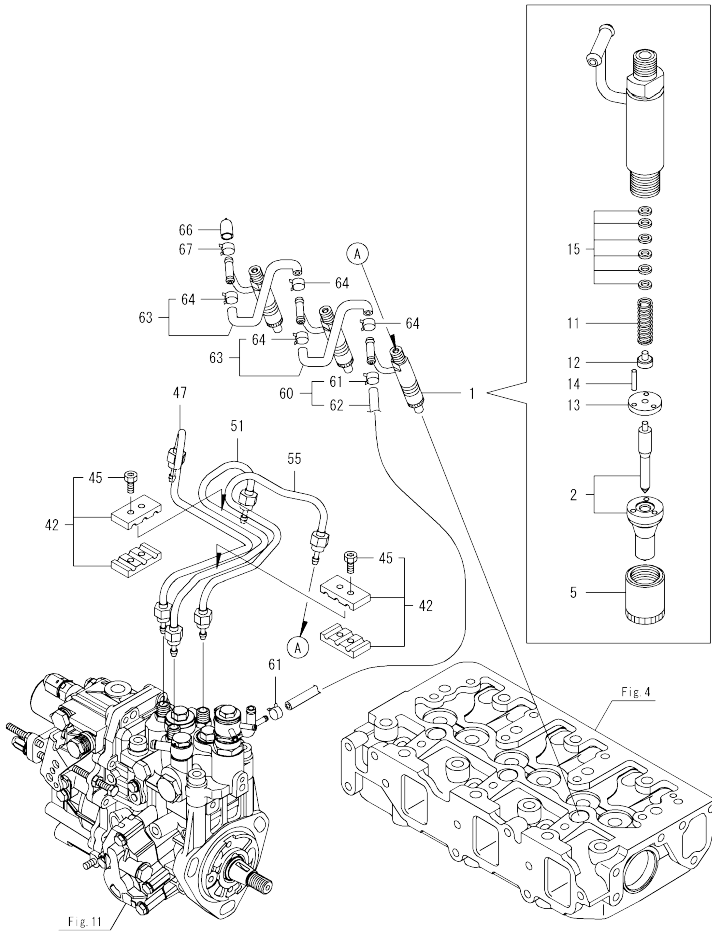
0CW10-M66800 3TNV88-KIRD
Fig.12. GOVERNOR



Remarks
*This figure(Governor)is incorporated
in the Fuel Injection Pump (Fig.11).

										0CW10-M66800				Fig.12	
										(A)=3TNV88-KIRD				(D)=	
										(B)=				(E)=	
										(C)=				(F)=	
No.	Lev.	Parts No.	Description	Q'ty					I	R					
				(A)	(B)	(C)	(D)	(E)			(F)				
3	2	158553-61050	GASKET	1											
4	2	158553-61070	GASKET	1											
6	2	129155-51280	O-RING, S6	1											
7	2	158553-51930	PLUG, M12	1											
23	2	129255-61410	NUT, LOCK	1											
24	2	119807-61420	SPRING, RETURN	1											
25	2	158552-61441	LEVER, REGULATOR	1											
26	2	129155-61460	BOLT, IDLE	1											
61	2	119660-61901	RETAINER, SHAFT	1											
65	2	22190-120002	WASHER, SEAL 12	1											
68	2	26106-060102	BOLT, M6X 10 PLATED	1											
69	2	26756-060002	NUT, LOCK M6	1											
78	2	158552-61900	O-RING	1											
84	2	26106-060142	BOLT, M6X 14 PLATED	2											
85	2	26106-060142	BOLT, M6X 14 PLATED	4											
86	2	26106-060202	BOLT, M6X 20 PLATED	10											
87	2	129642-61060	COVER, GOVERNOR CASE	1											
130	2	119653-77950	SOLENOID, STOP	1											

Fig.13. FUEL INJECTION VALVE



(A)=3TNV88-KIRD
(B)=
(C)=

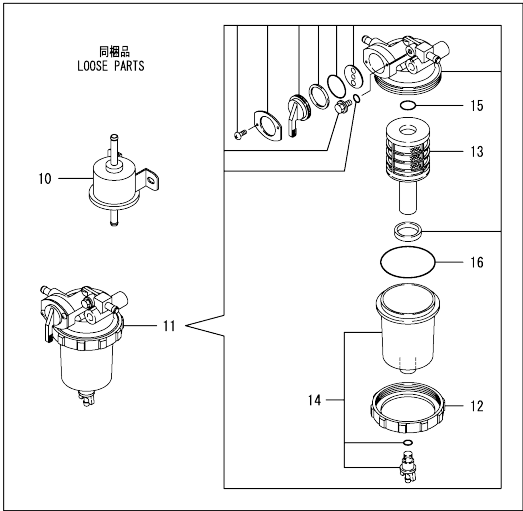
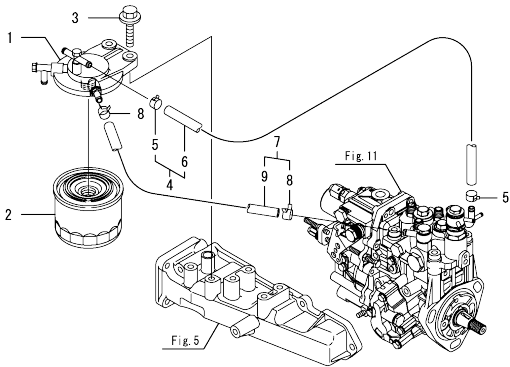
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729005-53101	VALVE ASSY,INJECTION	3							
2	2	129005-53001	VALVE ASSY,INJECTION	3							
5	2	114250-53080	NUT, NOZZLE D16.95	3							
11	2	114250-53120	SPRING, NOZZLE	3							
12	2	114250-53130	SEAT, SPRING	3							
13	2	114250-53140	PLATE	3							
14	2	114250-53210	PIN	6							
15	2	119803-53400	SHIM SET	3							
42	1	129150-59120	RETAINER, PIPE	2							
45	2	129150-59131	BOLT, M4X14	4							
47	1	129004-59811	PIPE ASSY, INJECTION	1							
51	1	129004-59821	PIPE ASSY, INJECTION	1							
55	1	129004-59831	PIPE ASSY, INJECTION	1							
60	1	119802-59550	PIPE ASSY, RETURN	1							
61	2	124722-59050	CLIP, HOSE 9	2							
62	2	119802-59560	PIPE, FUEL RETURN	1							
63	1	129486-59551	PIPE ASSY, RETURN	2							
64	2	124722-59050	CLIP, HOSE 9	4							
66	1	119593-59581	CAP	1							
67	1	124060-77680	CLIP, HOSE 10	1							

Fig.14. FUEL LINE

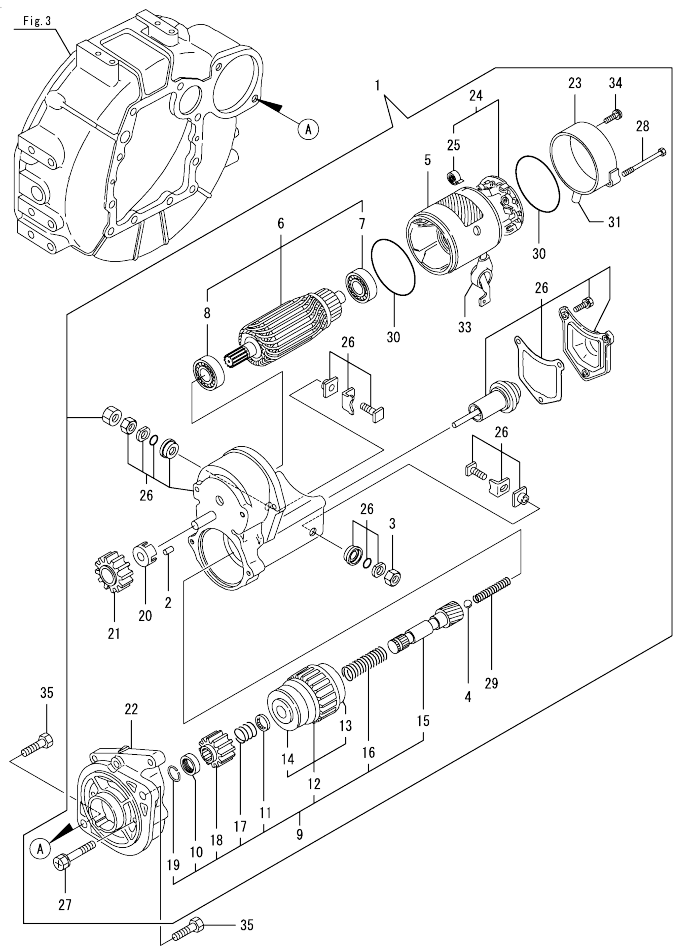
(A)=3TNV88-KIRD
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-55612	BRACKET, FILTER	1							
2	1	119802-55840	FILTER, FUEL OIL	1							
3	1	26106-080302	BOLT, M8X 30 PLATED	2							
4	1	129210-59100	PIPE ASSY, FUEL	1							
5	2	124766-59050	CLIP, HOSE 12	2							
6	2	105025-59580	PIPE, FUEL	1							
7	1	129210-59230	PIPE ASSY, FUEL	1							
8	2	124766-59050	CLIP, HOSE 12	2							
9	2	129555-59511	PIPE, FUEL	1							
10	1	119225-52102	PUMP ASSY, FUEL FEED	1							
11	1	119802-55700	SEPARATOR ASSY	1							
12	2	129100-55690	RING, RETAINING	1							
13	2	119802-55710	ELEMENT	1							
14	2	119802-55730	CUP ASSY	1							
15	2	24311-000160	O-RING, 1AP16.0	1							
16	2	24321-000650	O-RING, 1AG65.0	1							

0CW10-M66800 3TNV88-KIRD
Fig.15. STARTING MOTOR



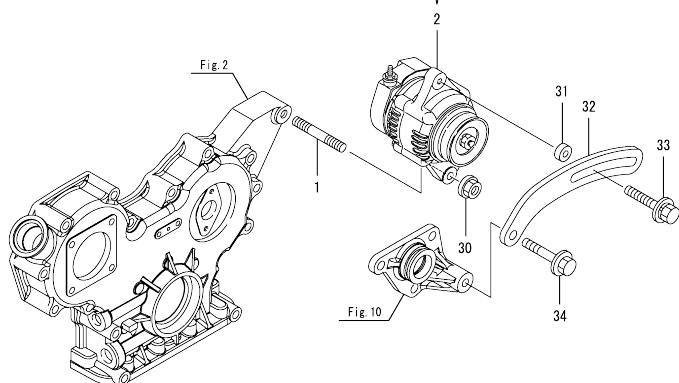
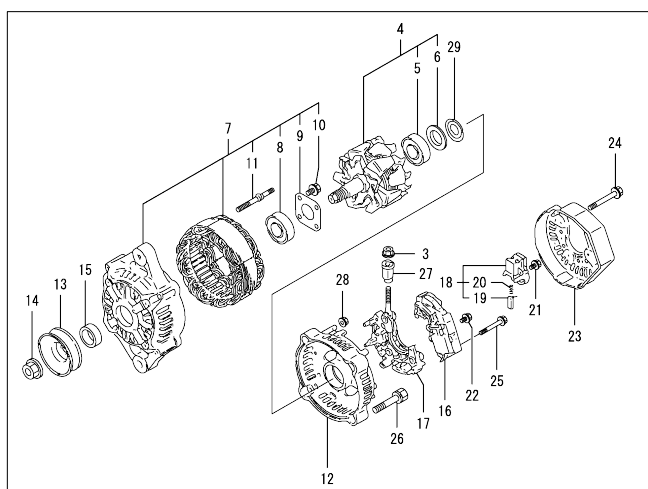
0CW10-M66800 Fig.15

(A)=3TNV88-KIRD
(B)=
(C)=

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

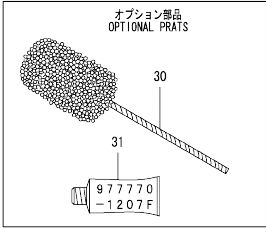
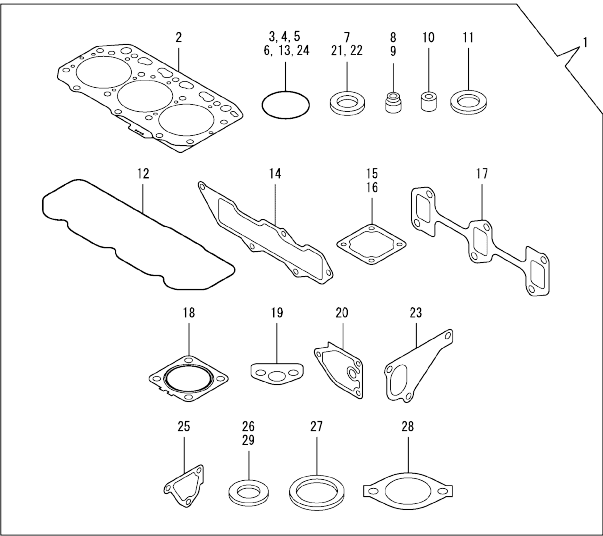
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129407-77010	STARTER, RA1.4	1							
2	2	X0283060061	ROLLER	5							
3	2	X9490561370	NUT	1							
4	2	X9491200240	BALL	1							
5	2	129407-77210	YOKE ASSY	1							
6	2	129407-77220	ARMATURE ASSY	1							
7	3	129129-77230	BEARING	1							
8	3	129129-77240	BEARING	1							
9	2	129407-77250	STARTER	1							
10	3	X0280210230	NUT	1							
11	3	X0283270140	RETAINER	1							
12	3	129407-77390	CLUTCH ASSY	1							
13	4	129129-77440	BEARING, BALL	1							
14	4	129129-77450	BEARING, BALL	1							
15	3	129129-77400	SHAFT	1							
16	3	129129-77410	SPRING, COIL	1							
17	3	X9491703371	SPRING, COIL	1							
18	3	129129-77420	PINION, STARTER	1							
19	3	129129-77430	RING	1							
20	2	129129-77260	RETAINER	1							
21	2	129129-77270	PINION	1							
22	2	129407-77280	HOUSING	1							
23	2	129407-77290	FRAME	1							
24	2	129407-77300	HOLDER ASSY	1							
25	3	X9491730461	SPRING	4							
26	2	129407-77310	SWITCH ASSY	1							
27	2	129129-77320	BOLT	2							
28	2	129407-77330	BOLT	2							
29	2	129129-77340	SPRING	1							
30	2	129129-77350	O-RING	2							
31	2	129129-77362	COVER	1							
33	2	129129-77380	CAP	1							
34	2	129129-77460	SCREW	2							
35	1	26116-120252	BOLT, M12X 25 PLATED	2							

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{YES}{NO}$ New, R:Old $\frac{YES}{NO}$ New, S:Old $\frac{YES}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129795-01900	STUD	1							
2	1	129423-77200	GENERATOR, 12V-40A	1							
3	2	X9490561001	NUT	1							
4	2	119620-77380	ROTOR ASSY	1							
5	3	123501-79240	BEARING, BALL	1							
6	3	119620-79250	COVER	1							
7	2	119620-77421	FRAME ASSY, DRIVE	1							
8	3	119620-79200	BEARING, BALL	1							
9	3	119620-79210	PLATE, RETAINER	1							
10	3	119620-79220	SCREW	4							
11	3	119620-79230	STUD	2							
12	2	119620-77440	FRAME ASSY	1							
13	2	119620-77461	PULLEY	1							
14	2	119620-77471	NUT	1							
15	2	119620-77490	COLLAR	1							
16	2	129423-77710	REGULATOR ASSY	1							
17	2	119620-79260	HOLDER	1							
18	2	129052-79270	HOLDER, BRUSH	1							
19	3	119620-77480	BRUSH ASSY	2							
20	3	119620-79280	SPRING	2							
21	2	119620-79290	SCREW	6							
22	2	119620-79300	SCREW	1							
23	2	129240-79300	COVER	1							
24	2	119620-79310	BOLT	3							
25	2	119620-79320	SCREW	2							
26	2	119620-79330	BOLT	2							
27	2	119620-79340	BUSH, INSULATION	1							
28	2	119620-79350	NUT	2							
29	2	119620-79360	WASHER, THRUST	1							
30	1	26306-100002	NUT, M10	1							
31	1	119940-77270	SPACER, GENERATOR	1							
32	1	119802-77330	ADJUSTER	1							
33	1	129972-77341	BOLT, ADJUSTER L=50	1							
34	1	26106-080452	BOLT, M8X 45 PLATED	1							

Fig.17. GASKET SET



Remarks
(1)Optional parts.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729150-92820	GASKET SET	1							1
2	2	129001-01340	GASKET, HEAD	1							
3	2	119609-32040	O-RING, P16	4							
4	2	121850-51960	O-RING	1							
5	2	24311-000320	O-RING, 1AP32.0	2							
6	2	24341-000240	O-RING, 1AS24.0	1							
7	2	22190-220002	WASHER, SEAL 22	1							
8	2	121400-11340	SEAL, VALVE STEM	3							
9	2	124460-11340	SEAL, VALVE STEM	3							
10	2	119802-11870	PROTECTOR, NOZZLE	3							
11	2	119625-11880	SEAT, NOZZLE	3							
12	2	129004-11310	GASKET, BONNET	1							
13	2	24311-000120	O-RING, 1AP12.0	3							
14	2	129001-12110	GASKET, MANIFOLD	1							
15	2	129100-77510	GASKET	1							
16	2	129150-77511	GASKET	1							
17	2	129150-13110	GASKET	1							
18	2	129004-13200	GASKET, SILENCER	1							
19	2	129150-35042	GASKET	1							
20	2	129150-35111	GASKET	1							
21	2	22190-080002	WASHER, SEAL 6	2							
22	2	22190-100002	WASHER, SEAL 10	2							
23	2	129486-42021	GASKET, WATER PUMP	1							
24	2	129486-42140	O-RING, G30	1							
25	2	124395-49840	GASKET	1							
26	2	23414-080000	GASKET, 8X1.0	1							
27	2	129150-49811	GASKET, THERMOSTAT	1							
28	2	129795-49551	GASKET	1							
29	2	124465-44950	GASKET, 16	2							
30	1	129400-92430	HONE	1							1
31	1	977770-1207F	GASKET,LIQUID	1							1

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105025-59580	14	6
114250-53080	13	5
114250-53120	13	11
114250-53130	13	12
114250-53140	13	13
114250-53210	13	14
119131-18320	6	5
119225-52102	14	10
119285-39610	9	16
119593-59581	13	66
119609-32040	2	11
	17	3
119620-01750	3	3
119620-77380	16	4
119620-77421	16	7
119620-77440	16	12
119620-77461	16	13
119620-77471	16	14
119620-77480	16	19
119620-77490	16	15
119620-79200	16	8
119620-79210	16	9
119620-79220	16	10
119620-79230	16	11
119620-79250	16	6
119620-79260	16	17
119620-79280	16	20
119620-79290	16	21
119620-79300	16	22
119620-79310	16	24
119620-79320	16	25
119620-79330	16	26
119620-79340	16	27
119620-79350	16	28
119620-79360	16	29
119625-11880	4	28
	17	11
119640-01640	3	8
119653-77950	12	130
119660-61901	12	61
119802-01520	2	6
119802-01561	2	7
119802-03110	4	39
119802-03121	4	40
119802-03130	4	41
119802-03141	4	42
119802-07080	9	11
119802-11260	4	4
119802-11270	4	5
119802-11280	4	6

Parts No.	Fig. No.	Ref. No.
119802-11870	4	27
	17	10
119802-21202	8	4
119802-25051	7	9
119802-25071	7	16
119802-25101	7	10
119802-25901	7	15
119802-32070	2	13
119802-32100	2	12
119802-32111	2	17
119802-32120	2	18
119802-32130	2	19
119802-35100	9	6
119802-35110	9	7
119802-35170	9	10
119802-39450	9	18
119802-39460	9	15
119802-49113	10	9
119802-49730	10	41
119802-51090	11	11
119802-51250	11	136
119802-51560	11	60
119802-51590	11	66
119802-51600	11	67
119802-51680	11	71
119802-51690	11	72
119802-55700	14	11
119802-55710	14	13
119802-55730	14	14
119802-55840	14	2
119802-59550	13	60
119802-59560	13	62
119802-77330	16	32
119803-53400	13	15
119807-61420	12	24
119831-42290	10	24
119843-44900	10	36
119934-01800	2	5
119940-39470	9	14
119940-77270	16	31
120130-11860	4	52
120270-54410	4	30
121023-01551	2	27
121111-21501	8	11
121400-11340	4	23
	17	8
121450-42450	10	35
121520-34810	9	2
121550-23200	8	28
121850-21680	8	10

Parts No.	Fig. No.	Ref. No.
121850-51960	2	20
	17	4
123501-79240	16	5
123900-13610	6	3
123900-13630	6	4
124060-01050	1	4
124060-77680	13	67
124101-49531	10	30
124160-01751	2	8
	4	35
124160-01910	1	6
	7	
124160-11360	4	47
124160-39140	9	17
124240-01871	2	9
124395-49840	10	17
	17	25
124460-11340	4	24
	17	9
124465-44950	10	37
	38	
	17	29
124550-21600	8	14
124722-59050	10	42
	45	
	13	61
	64	
124766-59050	14	5
	8	
129001-01250	1	5
129001-01340	1	29
	17	2
129001-02931	1	30
129001-12110	5	4
	17	14
129001-32330	2	16
129004-01190	1	27
129004-03010	4	37
129004-03080	5	1
129004-11241	4	1
129004-11251	4	2
129004-11310	4	44
	17	12
129004-11350	4	36
129004-11650	4	8
129004-11900	4	29
129004-12101	5	3
129004-13200	6	7
	17	18
129004-21002	8	1

Parts No.	Fig. No.	Ref. No.
129004-21650	8	8
129004-34802	9	1
129004-42001	10	1
129004-42040	10	15
129004-49610	10	39
129004-49620	10	43
129004-49711	10	40
129004-49721	10	44
129004-55612	14	1
129004-59811	13	47
129004-59821	13	51
129004-59831	13	55
129005-11100	4	19
129005-11700	4	13
129005-21560	8	12
129005-22080	8	15
129005-22500	8	17
129005-22900	8	34
129005-22950	8	36
129005-53001	13	2
129005-59830	9	19
129008-51900	11	9
129008-51920	11	10
129030-44760	10	26
129052-79270	16	18
129100-01580	3	1
	8	15
	8	2
129100-01640	3	16
129100-01730	3	6
129100-11112	4	20
129100-23910	8	31
129100-35140	9	8
129100-35301	9	4
129100-42051	10	3
129100-42121	10	4
129100-55690	14	12
129100-77510	17	15
129120-77502	5	7
129129-14580	7	3
129129-77230	15	7
129129-77240	15	8
129129-77260	15	20
129129-77270	15	21
129129-77320	15	27
129129-77340	15	29
129129-77350	15	30
129129-77362	15	31
129129-77380	15	33
129129-77400	15	15

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129129-77410	15	16
129129-77420	15	18
129129-77430	15	19
129129-77440	15	13
129129-77450	15	14
129129-77460	15	34
129136-01780	3	7
129150-01200	1	28
129150-02020	1	9
129150-02450	7	4
129150-02871	1	33
129150-02931	1	24
129150-02941	1	36
129150-03070	4	38
129150-11230	4	9
129150-11280	4	7
129150-11370	4	12
129150-11750	4	11
129150-11810	4	53
129150-13110	6	2
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129150-14101	7	6
129150-14200	7	1
129150-14400	7	2
129150-23601	8	29
129150-23611	8	32
129150-25301	7	14
129150-35042	9	3
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129150-35111	9	9
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129150-49811	10	29
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129150-59120	13	42
129150-59131	13	45
129150-77511	5	8
	17	16
129155-42350	10	23
129155-49801	10	28
129155-51280	12	6
129155-61460	12	26
129202-22300	8	23
129210-59100	14	4
129210-59230	14	7
129240-79300	16	23
129255-61410	12	23
129400-92430	17	30
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129407-77210	15	5
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129407-77330	15	28
129407-77390	15	12
129410-03990	5	2
129418-32320	2	15
129423-77200	16	2
129423-77710	16	16
129486-01670	3	19
129486-42021	10	14
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129555-59511	14	9
129612-44700	10	25
129642-61060	12	87
129795-01780	3	18
129795-01900	16	1
129795-01950	2	10
129795-02412	1	12
129795-11120	4	21
129795-11180	4	22
129795-21661	8	9
129795-49551	10	31
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129900-07900	4	50
129900-32130	2	14
129916-49740	10	10
129916-59020	11	134
129972-77341	16	33
158552-51151	11	14
158552-51571	11	61
		62
158552-51580	11	65
158552-51600	11	75
158552-51670	11	132
158552-51781	11	102
158552-52100	11	111
158552-52311	11	113
158552-52400	11	114
158552-52500	11	112
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158557-51570	11	63
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158563-51330	11	50
158600-51270	11	38
158601-51550	11	59
158601-51570	11	64
158601-51650	11	79
158601-51770	11	101
158601-51790	11	103
171051-01921	1	8
171056-49120	10	34
171350-13100	6	1
171420-01600	3	2
22190-080002	9	20
		22
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22190-100002	9	23
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22190-220002	3	10
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22217-140000	11	118
22252-000260	8	24
22312-050140	11	119
22351-030010	8	7
22351-050010	11	120
22351-060012	4	31
22512-070140	7	7
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22857-500100	4	45
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23876-010000	10	12
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23876-040000	2	4
24311-000070	11	123
24311-000120	4	48
	17	13
24311-000160	14	15
24311-000320	2	21
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24321-000650	14	16
24341-000240	2	28
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24356-190180	11	124
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26106-060102	11	126
	12	68
26106-060142	12	84
		85
26106-060162	2	29
26106-060202	12	86
26106-060502	10	27
26106-080122	10	19
26106-080142	7	8
26106-080162	2	22
		23
	3	11
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26106-080202	5	5
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26106-080252	3	12
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26106-080302	14	3
26106-080352	3	20
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26106-080852	2	25
26116-120252	15	35
26206-100252	3	4
26206-100302	3	5
26306-080002	2	26
	6	6
26306-100002	16	30
26366-060002	9	24
26450-080452	11	128
26577-060142	10	13
26756-060002	12	69
26776-140002	11	129
27241-120000	1	13
27241-300000	1	14
27241-400000	4	18
27310-080001	4	25
729005-01560	1	1
729005-53101	13	1
729150-92820	17	1
729233-01500	2	1
729242-51490	11	1
729402-23100	8	25
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X0283060061	15	2
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