

0CW10-M22100EN

PREFACE

1. This parts catalog is the 1st edition of 4TNV94L-PDBWK for Doosan Infracore Ltd.

Pub.No. : 000Y00W2210

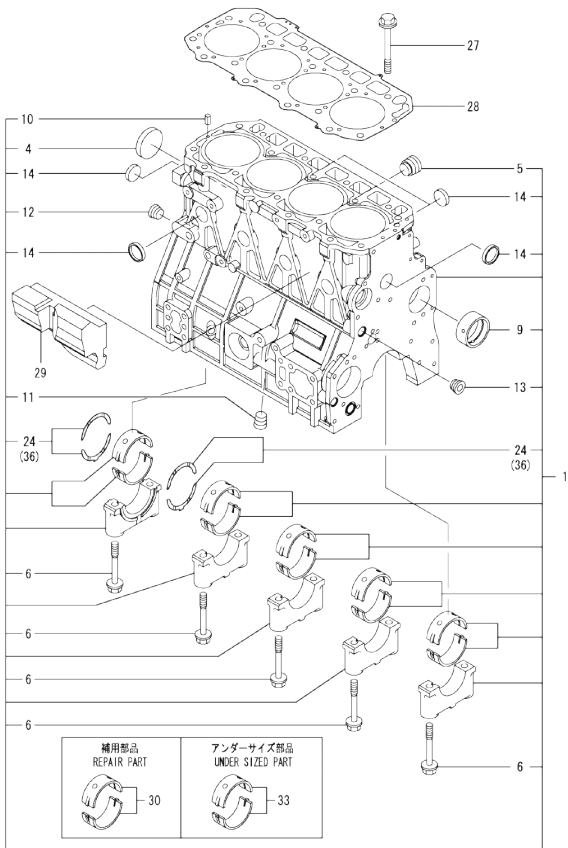
Published : September,2007

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Fig.1. CYLINDER BLOCK

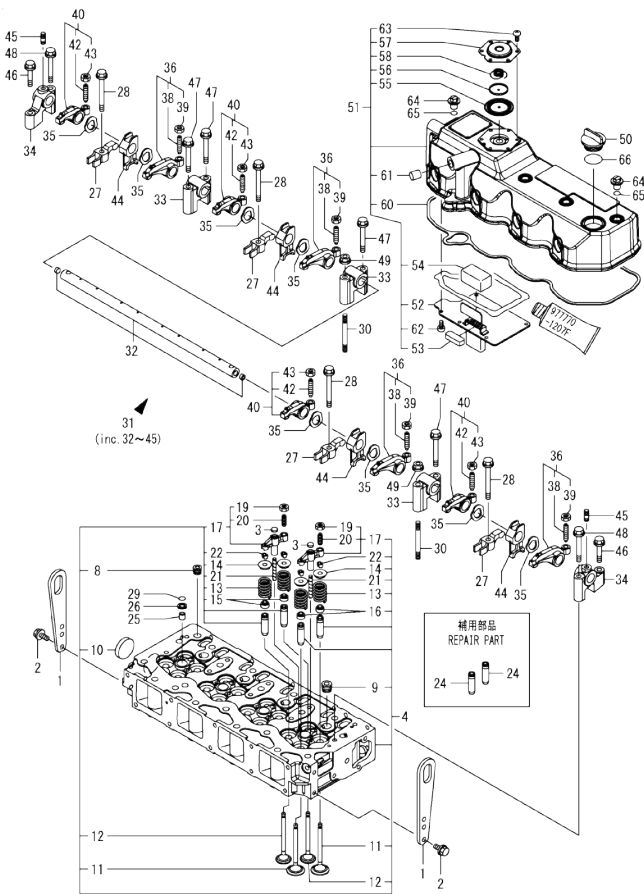


Remarks
(1) REPAIR PART.
(2) UNDER-SIZED(U.S=0.25)PART.
(3) OVER-SIZED(O.S=0.25)PART.

				0CW10-M22100 Fig.1							
				(A)=4TNV94L-PDBWK		(D)=					
				(B)=		(E)=					
				(C)=		(F)=					
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729906-01561	BLOCK ASSY, CYLINDER	1							
4	2	129900-01250	PLUG, DISH TYPE 55	1							
5	2	171051-01921	PLUG, NPTF1	1							
6	2	129900-02020	BOLT, METAL CAP	10							
9	2	129900-02410	BUSH, CAMSHAFT	1							
10	2	22351-060012	PIN, SPRING 6.0X12	2							
11	2	23876-030000	PLUG, R03	1							
12	2	23876-030000	PLUG, R03	1							
13	2	23876-030000	PLUG, R03	1							
14	2	27241-300000	PLUG 30	8							
24	2	129900-02931	BEARING ASSY, THRUST	2							
27	1	129900-01200	BOLT, CYLINDER HEAD	18							
28	1	129906-01340	GASKET, HEAD	1							
28-1	1	129907-01331	GASKET, HEAD	1							N
(A=*2006.06)											
28-2	1	129906-01350	GASKET, HEAD	1							N
(A=*2009.12)											
29	1	129907-01190	SPACER	1							
30	1	729900-02801	BEARING, MAIN	5							1
33	1	129900-02341	BEARING ASSY, MAIN	5							2
36	1	129900-02941	BEARING, THRUST 0.25	2							3

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Fig.4. CYLINDER HEAD & BONNET



Remarks
(1) REPAIR PART.

0CW10-M22100 Fig.4

(A)=4TNV94L-PDBWK
(B)=
(C)=

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

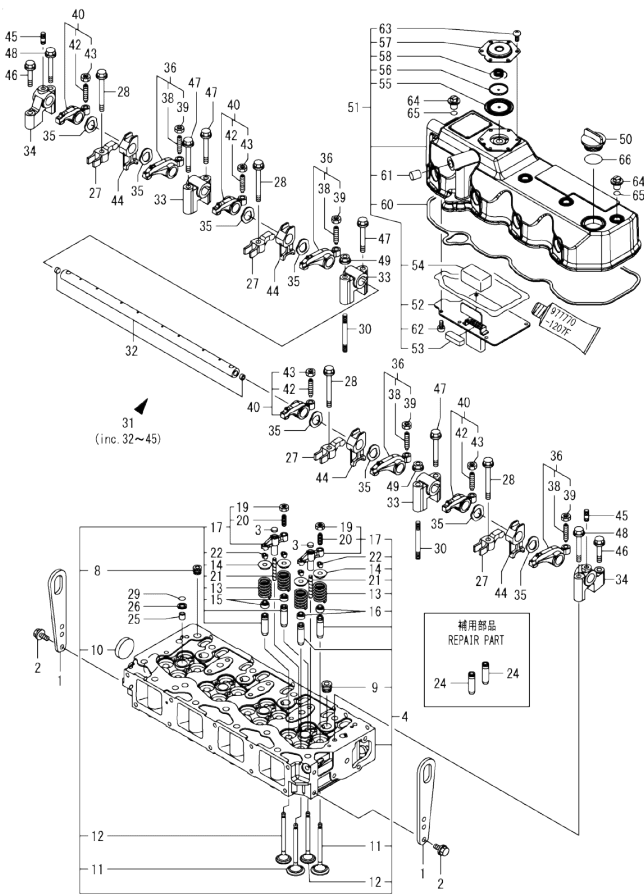
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129900-07900	LIFTER, ENGINE	2							
2	1	26106-080162	BOLT, M8X 16 PLATED	4							
3	1	123907-11550	SEAT, VALVE BRIDGE	8							
4	1	129907-11700	HEAD ASSY, CYLINDER	1							
8	2	23876-020000	PLUG, R02	1							
9	2	23876-030000	PLUG, R03	4							
10	2	27241-400000	PLUG, 40	1							
11	2	129907-11100	VALVE, SUCTION	8							
12	2	129907-11110	VALVE, EXHAUST	8							
13	2	129907-11120	SPRING, VALVE	16							
14	2	119620-11180	RETAINER, SPRING	16							
15	2	119803-11340	SEAL, VALVE STEM	8							
16	2	124160-11340	SEAL, VALVE STEM	8							
17	2	129907-11510	BRIDGE ASSY, VALVE	8							
19	3	129150-11750	NUT, M8	8							
20	3	123907-11830	ADJUSTER	8							
21	2	123907-11820	GUIDE, BRIDGE	8							
22	2	27310-070001	COTTER, 7	16							
24	1	129907-11800	GUIDE, VALVE	16							1
25	1	119802-11870	PROTECTOR, NOZZLE	4							
26	1	119625-11880	SEAT, NOZZLE	4							
27	1	129907-11910	RETAINER, NOZZLE	4							
28	1	129907-11950	BOLT, M8X75	4							
29	1	24311-000120	O-RING, 1AP12.0	4							
30	1	119593-11301	BOLT, STUD M8X80	2							
31	1	129907-11341	SHAFT ASSY, ROCKER	1							
32	2	129907-11250	SHAFT, ROCKER ARM	1							
33	2	129907-11260	SUPPORT, ROCKER ARM	3							
34	2	129907-11270	SUPPORT, ROCKER ARM	2							
35	2	123907-11280	WASHER	8							
36	2	129907-11650	ARM ASSY, ROCKER	4							
38	3	129150-11230	SCREW, VALVE ADJUST	4							
39	3	129150-11750	NUT, M8	4							
40	2	129907-11660	ARM ASSY, ROCKER	4							
42	3	129150-11230	SCREW, VALVE ADJUST	4							
43	3	129150-11750	NUT, M8	4							
44	2	129907-11920	RETAINER, NOZZLE	4							
45	2	26226-080222	STUD, M8X 22	2							
46	1	26106-080402	BOLT, M8X 40 PLATED	2							
47	1	26106-080602	BOLT, M8X 60 PLATED	4							
48	1	26106-080602	BOLT, M8X 60 PLATED	2							
49	1	26306-080002	NUT, M8	2							
50	1	124160-01751	CAP, FILLER	1							
51	1	129907-11321	BONNET ASSY, HEAD	1							
52	2	129907-03011	PLATE, BAFFLE	1							
53	2	129907-03061	BAFFLE, BREATHER	1							
54	2	129907-03070	BAFFLE, BREATHER	1							
55	2	123907-03100	DIAPHRAGM	1							
56	2	123907-03110	PLATE	1							
57	2	123907-03120	PLATE, BREATHER	1							
58	2	123907-03140	SPRING, DIAPHRAGM	1							

N:Old $\xrightarrow{\text{YES}}$ New, Q:Old $\xrightarrow{\text{NO}}$ New, R:Old $\xrightarrow{\text{YES}}$ New, S:Old $\xrightarrow{\text{NO}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++

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0CW10-M22100 4TNV94L-PDBWK

Fig.4. CYLINDER HEAD & BONNET



Remarks
(1) REPAIR PART.

0CW10-M22100 Fig.4

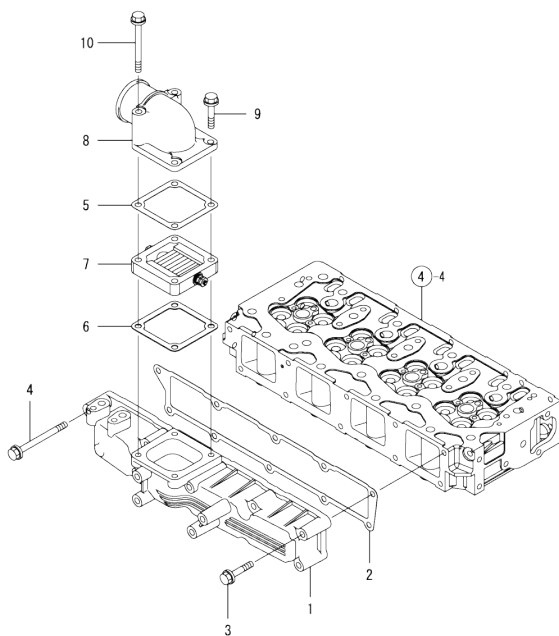
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
60	2	129907-11310	GASKET, BONNET	1							
61	2	119640-61400	PLUG	1							
62	2	22857-500100	SCREW, 5X10	6							
63	2	22857-500100	SCREW, 5X10	6							
64	1	124160-11360	KNOB	4							
65	1	24311-000120	O-RING, 1AP12.0	4							
66	1	24311-000320	O-RING, 1AP32.0	1							

N:Old $\frac{N_{10}}{10}$ New, Q:Old $\frac{Q_{10}}{10}$ New, R:Old $\frac{R_{10}}{10}$ New, S:Old $\frac{S_{10}}{10}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.5. SUCTION MANIFOLD



0CW10-M22100 Fig.5

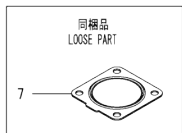
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(B)=
(C)=

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

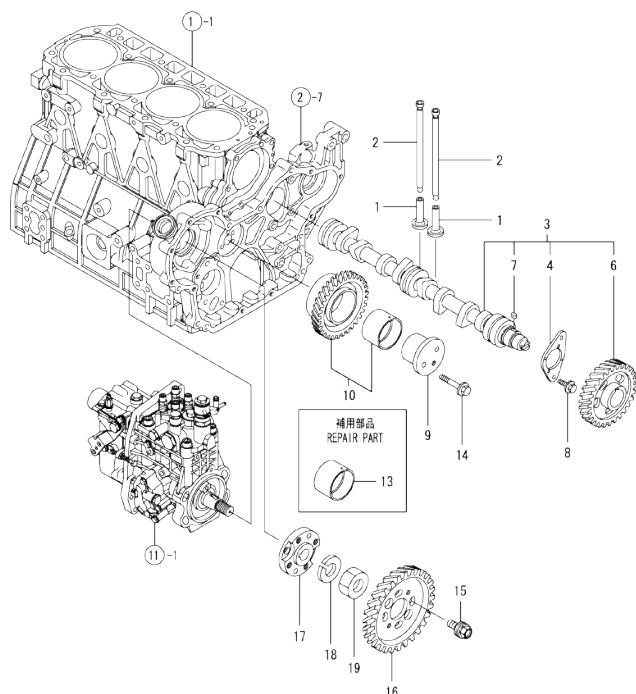
Q'ty

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129907-12100	MANIFOLD, AIR INTAKE	1							
2	1	129907-12110	GASKET, MANIFOLD	1							
3	1	26106-080552	BOLT, M8X 55 PLATED	9							
4	1	26106-080852	BOLT, M8X 85 PLATED	1							
5	1	119129-77020	GASKET	1							
6	1	121850-77021	GASKET, AIR HEATER	1							
7	1	119005-77050	HEATER, AIR	1							
8	1	119129-77520	BEND	1							
9	1	26106-080402	BOLT, M8X 40 PLATED	2							
10	1	26106-080902	BOLT, M8X 90 PLATED	2							

Fig.6. EXHAUST MANIFOLD



				(A)=4TNV94L-PDBWK (B)= (C)=	0CW10-M22100 Fig.6 (D)= (E)= (F)=						
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129900-13200	MANIFOLD, EXHAUST	1							
2	1	129900-13251	GASKET, EXH.MANIFOLD	1							
3	1	123900-13610	BOLT, STUD M8X80	2							
4	1	123900-13630	BOLT, M8X80	6							
5	1	119131-18320	BOLT, STUD M8X22	4							
6	1	26306-080002	NUT, M8	2							
7	1	129930-13201	GASKET, SILENCER	1							



(1) REPAIR PART.

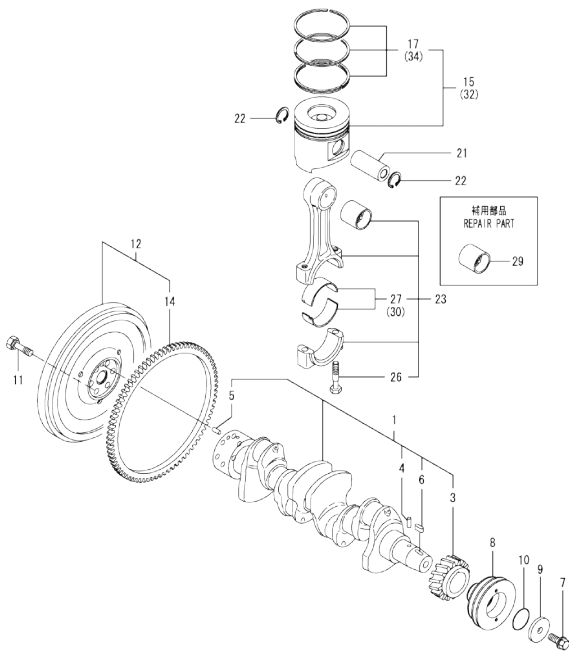
(A)=4TNV94L-PDBWK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	8							
2	1	129907-14400	PUSH-ROD	8							
3	1	129907-14581	CAMSHAFT ASSY	1							
3-1	1	129908-14581	CAMSHAFT ASSY	1							N
		(A=EZZZZZ)									
4	2	129150-02450	BEARING, THRUST	1							
6	2	129900-14100	GEAR, CAMSHAFT	1							
7	2	22512-070140	KEY, 7X 14	1							
8	1	26106-080162	BOLT, M8X 16 PLATED	2							
9	1	123900-25060	SHAFT, IDLE GEAR	1							
10	1	129900-25100	GEAR ASSY, IDLE	1							
13	1	129150-25920	BUSH, IDLE GEAR	1							1
14	1	26106-080552	BOLT, M8X 55 PLATED	3							
15	1	129953-25300	BOLT	4							
16	1	129907-25900	GEAR, PUMP	1							
17	1	158563-51150	FLANGE	1							
18	1	22217-180000	WASHER, SPRING 18	1							
19	1	26776-180002	NUT, LOCK M18	1							

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.8. CRANKSHAFT & PISTON



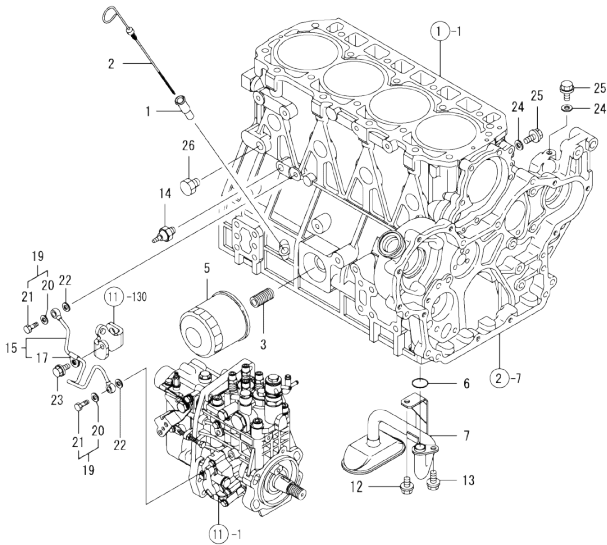
Remarks
(1) Repair part.
(2) Under-sized (U.S.=0.25) part.
(3) Over-sized (O.S.=0.25) part.
(4) Ref. No.15 is interchangeable with a set of Ref. No.15-1 and Fig.1 Ref. No.28-2.

(A)=4TNV94L-PDBWK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129902-21000	CRANKSHAFT ASSY	1							
3	2	129900-21200	GEAR, CRANKSHAFT	1							
4	2	121850-21290	PIN	1							
5	2	121850-21920	PIN, PARALLEL 10X22	1							
6	2	22512-070140	KEY, 7X 14	1							
7	1	129916-21610	BOLT	1							
8	1	129916-21620	V-PULLEY, CRANKSHAFT	1							
9	1	129960-21640	WASHER	1							
10	1	24341-000530	O-RING, 1AS53.0	1							
11	1	121850-21130	BOLT, FLYWHEEL	6							
12	1	129916-21590	FLYWHEEL ASSY	1							
14	2	129900-21600	GEAR, RING	1							
15	1	129906-22080	PISTON ASSY	4							
15-1	1	129906-22090	PISTON ASSY	4						F	4
(A="2009.12)											
17	2	129906-22050	RING SET, PISTON	4							
21	1	120130-22301	PIN, PISTON	4							
22	1	22252-000300	RING, 30	8							
23	1	129900-23001	ROD ASSY, CONNECTING	4							
26	2	129900-23200	BOLT, CONNECTING ROD	8							
27	2	129900-23601	BEARING, CRANK PIN	4							
29	1	129900-23911	BEARING, PISTON PIN	4							1
30	1	129900-23610	BEARING ASSY, 0.25US	4							2
32	1	729906-22900	PISTON ASSY, 0.25 OS	4							3
32-1	1	129906-22900	PISTON ASSY, 0.25 OS	4						R	3
(A=EXXXXX)											
32-2	1	129906-22910	PISTON ASSY, 0.25 OS	4						F	3
(A="2009.12)											
34	2	729906-22950	RING SET, 0.25 OS	4							3
34-1	2	129916-22950	RING SET, 0.25 OS	4						R	3
(A=EXXXXX)											

Fig.9. LUB. OIL SYSTEM



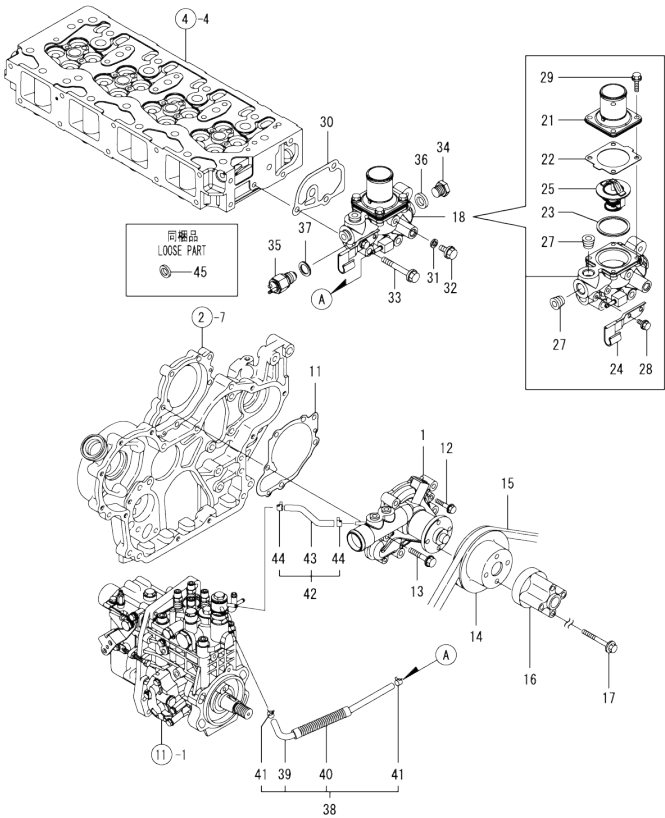
Remarks
(1) REPAIR PART.

(A)=4TNV94L-PDBWK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121520-34810	GUIDE, DIPSTICK	1							
2	1	129906-34851	DIPSTICK	1							
3	1	119000-35140	BOLT, STUD FILTER	1							
5	1	119005-35151	FILTER, D80X100	1							1
6	1	129900-32030	O-RING, P20	1							
7	1	129953-35000	PIPE ASSY, OIL INLET	1							
12	1	26106-080122	BOLT, M8X 12 PLATED	1							
13	1	26106-080162	BOLT, M8X 16 PLATED	1							
14	1	114250-39450	SWITCH, HYDRAULIC	1							
15	1	129907-39061	PIPE ASSY, OIL	1							
17	2	123907-39500	RETAINER, PIPE	1							
19	1	129005-59830	BOLT ASSY, JOINT M8	2							
20	2	22190-080002	WASHER, SEAL 6	2							
21	2	23857-030000	BOLT, JOINT 3	2							
22	1	22190-080002	WASHER, SEAL 6	2							
23	1	26106-080122	BOLT, M8X 12 PLATED	1							
24	1	22190-080002	WASHER, SEAL 6	2							
25	1	26106-080122	BOLT, M8X 12 PLATED	2							
26	1	171056-49120	PLUG, DRAIN R1/4	1							

Fig.10. COOLING WATER SYSTEM



(A)=4TNV94L-PDBWK
(B)=
(C)=

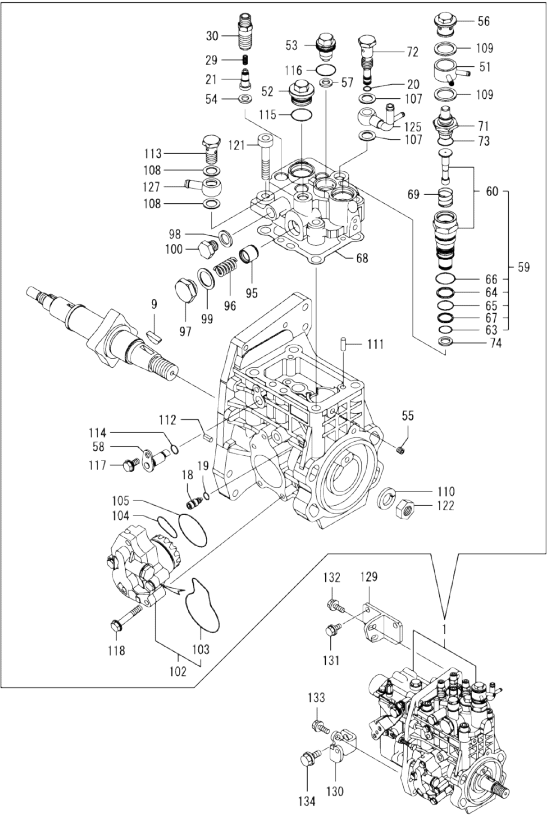
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129907-42000	PUMP ASSY, WATER	1							
11	1	129900-42020	GASKET, WATER PUMP	1							
12	1	26106-060302	BOLT, M6X 30 PLATED	2							
13	1	26106-080552	BOLT, M8X 55 PLATED	5							
14	1	129916-42410	V-PULLEY, PUMP	1							
14-1	1	129906-42421	V-PULLEY, PUMP	1							N
(A=EG2851)											
15	1	25153-004500	V-BELT, B45	1							
16	1	119117-44760	SPACER, FAN	1							
17	1	26106-080802	BOLT, M8X 80 PLATED	4							
18	1	129946-49810	CASE ASSY,THERMOSTAT	1							
21	2	129916-49530	COVER, THERMOSTAT	1							
22	2	121850-49540	GASKET, THERMOSTAT	1							
23	2	121850-49550	GASKET, THERMOSTAT	1							
24	2	129907-49730	RETAINER, PIPE	1							
25	2	121850-49800	THERMOSTAT, 82C	1							
27	2	23875-030000	PLUG, R03	2							
28	2	26106-060122	BOLT, M6X 12 PLATED	1							
29	2	26106-060202	BOLT, M6X 20 PLATED	4							
30	1	129900-49870	GASKET, THERMOSTAT	1							
31	1	23414-080000	GASKET, 8X1.0	1							
32	1	26106-080122	BOLT, M8X 12 PLATED	1							
33	1	26106-080602	BOLT, M8X 60 PLATED	3							
34	1	121450-42450	PLUG, M16	1							
35	1	121250-44901	SWITCH, THERMO 110	1							
36	1	124465-44950	GASKET, 16	1							
37	1	124465-44950	GASKET, 16	1							
38	1	129907-49610	HOSE ASSY, WATER	1							
39	2	129907-49710	HOSE, WATER	1							
40	2	129907-49750	TUBE, CORRUGATED	1							
41	2	124722-59050	CLAMP, HOSE 9	2							
42	1	129907-49620	HOSE ASSY, WATER	1							
43	2	129907-49720	HOSE, WATER	1							
44	2	124722-59050	CLAMP, HOSE 9	2							
45	1	129150-49360	GASKET	1							Z
(A=FROM 1ST)											

0CW10-M22100 4TNV94L-PDBWK

Fig.11. FUEL INJECTION PUMP

0CW10-M22100 Fig.11

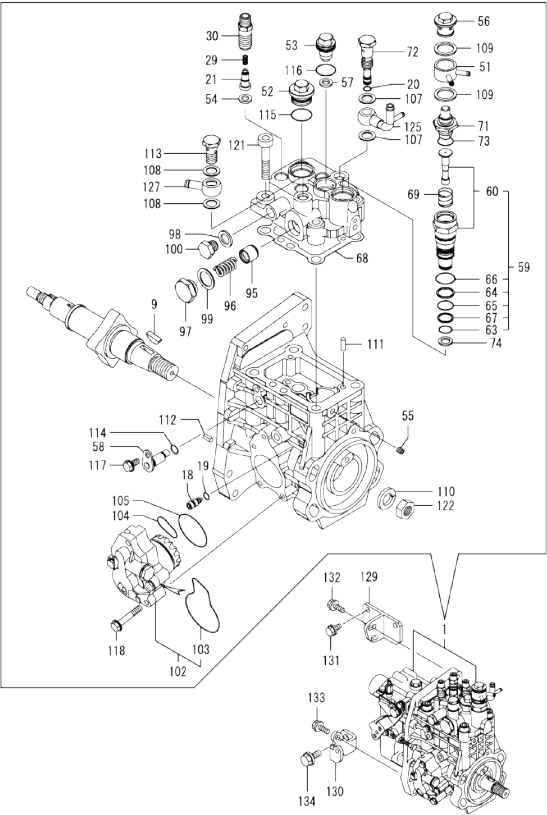


Remarks
(1) GOVERNOR ASSY(FIG.12) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP.(REF.NO.1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729906-51312	PUMP ASSY, INJECTION	1							1
9	2	144626-51090	FEATHER KEY, 5X19	1							
18	2	158600-51270	STOPPER, TAPPET	1							
19	2	158563-51281	O-RING, 4D S6	1							
20	2	158563-51281	O-RING, 4D S6	1							
21	2	158560-51300	VALVE ASSY, DELIVERY	4							
29	2	158563-51330	SPRING, DELIVERY	4							
30	2	129907-51340	HOLDER, DELIVERY	4							
51	2	158553-51551	JOINT, COOLING WATER	1							
52	2	158601-51550	PLUG, M22	1							
53	2	129907-51560	PLUG, M16	1							
54	2	158552-51570	GASKET, PLUG	4							
55	2	158557-51570	PLUG, RACK	1							
56	2	158601-51570	PLUG	1							
57	2	129906-51580	GASKET, PLUG	1							
58	2	158552-51580	LIFTER, LINK	1							
59	2	119802-51590	TIMER ASSY	1							
60	3	119802-51600	TIMER ASSY	1							
63	3	158553-51670	O-RING	1							
64	3	119802-51680	RING, BACKUP	1							
65	3	119802-51690	O-RING	1							
66	3	24356-010200	O-RING, 4D1020	1							
67	3	24372-000150	RING, BACK UP T2P15	1							
68	2	158560-51600	GASKET	1							
69	2	158553-51630	SPRING, TIMER	1							
71	2	158553-51640	THERMOELEMENT	1							
72	2	158601-51650	JOINT, OVER FLOW	1							
73	2	158553-51660	O-RING, P14	1							
74	2	158553-51680	GASKET, TIMER	1							
95	3	158601-51770	PISTON, ACCUMULATOR	1							
96	3	158552-51781	SPRING, ACCUMULATOR	1							
97	3	158601-51790	PLUG	1							
98	3	22190-120002	WASHER, SEAL 12	1							
99	3	22190-180002	WASHER, SEAL 18	1							
100	3	23887-120002	PLUG, 12	1							
102	2	158552-52100	PUMP ASSY, FUEL FEED	1							
103	3	158552-52500	O-RING	1							
104	2	158552-52310	O-RING	1							
105	2	158552-52400	O-RING, 4E S42	1							
107	2	22190-120002	WASHER, SEAL 12	2							
108	2	22190-120002	WASHER, SEAL 12	2							
109	2	22190-180002	WASHER, SEAL 18	2							
110	2	22217-180000	WASHER, SPRING 18	1							
111	2	22312-050140	PIN, PARALLEL M5X14	2							
112	2	22351-050010	PIN, SPRING 5.0X10	2							
113	2	23857-060000	BOLT, JOINT 6	1							
114	2	24311-000070	O-RING, 1AP7.0	1							
115	2	24356-010200	O-RING, 4D1020	1							
116	2	24356-020210	O-RING, 4D2021	1							
117	2	26106-060102	BOLT, M6X 10 PLATED	1							
118	2	26106-060352	BOLT, M6X 35 PLATED	4							

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



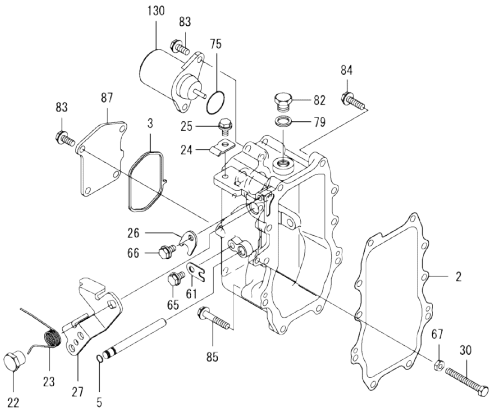
(A)=4TNV94L-PDBWK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
121	2	26450-100452	BOLT, M10X 45	4							
122	2	26776-180002	NUT, LOCK M18	1							
125	2	158552-51670	JOINT, OVER FLOW	1							
127	2	129916-59020	JOINT, PIPE 12	1							
129	1	129907-01950	RETAINER, PUMP	1							
130	1	129907-01960	RETAINER, PUMP	1							
131	1	26106-080162	BOLT, M8X 16 PLATED	2							
132	1	26106-080222	BOLT, M8X 22 PLATED	2							
133	1	26106-080222	BOLT, M8X 22 PLATED	1							
134	1	26106-100202	BOLT, M10X 20 PLATED	1							

Remarks
(1) GOVERNOR ASSY(FIG.12) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP.(REF.NO.1).

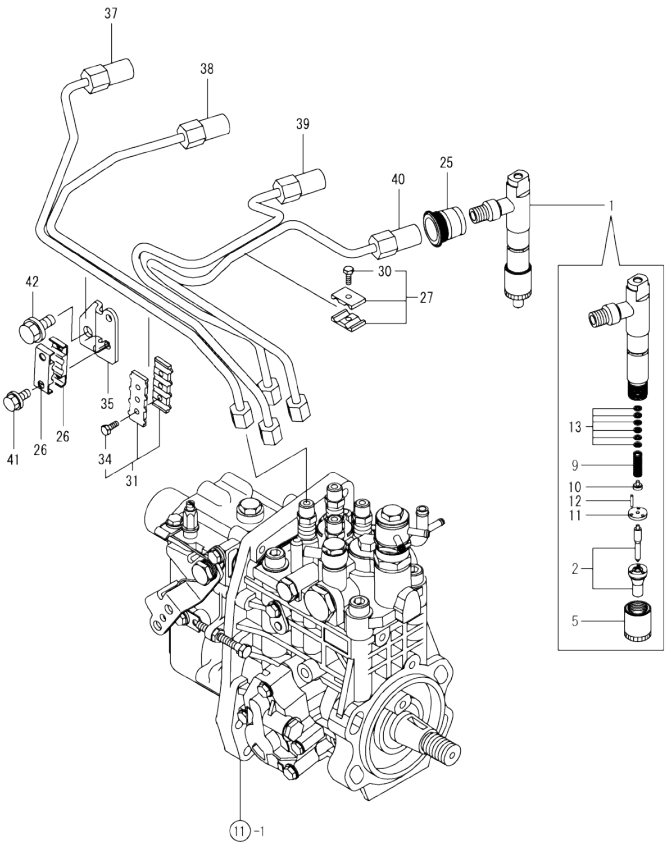
Fig.12. GOVERNOR



Remarks
* THIS FIGURE(GOVERNOR ASSY)IS
INCORPORATED IN THE FUEL INJECTION
PUMP ASSY(FIG.11).

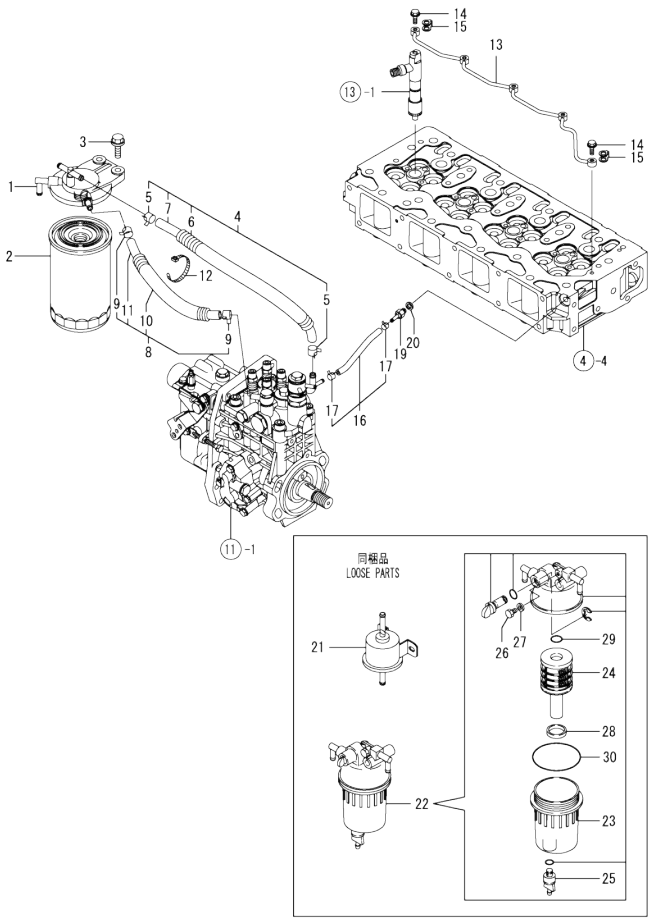
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	158560-61050	GASKET	1							
3	2	158560-61071	GASKET	1							
5	2	129155-51280	O-RING, S6	1							
22	2	129255-61410	NUT, M8	1							
23	2	123944-61420	SPRING, LEVER	1							
24	2	123944-61430	RETAINER	1							
25	2	26106-060102	BOLT, M6X 10 PLATED	1							
26	2	158560-61430	STOPPER, SHAFT	1							
27	2	158560-61442	LEVER, REGULATOR	1							
30	2	129155-61460	BOLT, LIMITING	1							
61	2	119660-61901	STOPPER, SHAFT	1							
65	2	26106-060102	BOLT, M6X 10 PLATED	1							
66	2	26106-060102	BOLT, M6X 10 PLATED	1							
67	2	26756-060002	NUT, LOCK M6	1							
75	2	158552-61900	O-RING	1							
79	2	22190-160002	WASHER, SEAL 16	1							
82	2	23887-160002	PLUG, 16	1							
83	2	26106-060142	BOLT, M6X 14 PLATED	6							
84	2	26106-060252	BOLT, M6X 25 PLATED	8							
85	2	26106-060402	BOLT, M6X 40 PLATED	2							
87	2	158560-61061	COVER, GOVERNOR CASE	1							
130	2	119233-77932	SOLENOID, STOP	1							

Fig.13. FUEL INJECTION VALVE

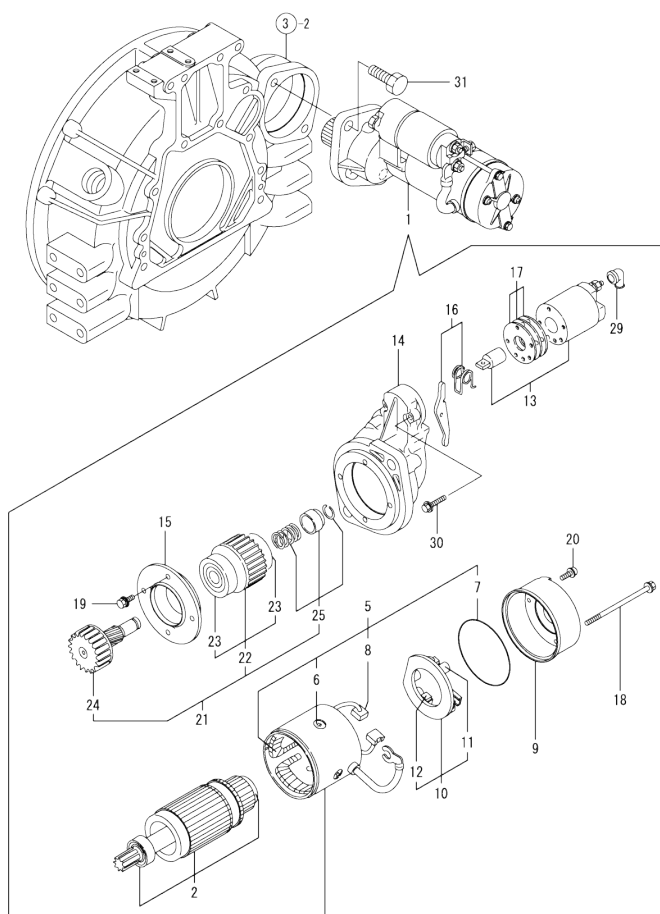


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729906-53100	FUEL INJECTOR ASSY	4							
2	2	129906-53000	NOZZLE ASSY, F.I.	4							
5	2	114250-53080	NUT, NOZZLE	4							
9	2	114250-53120	SPRING, NOZZLE	4							
10	2	114250-53130	SEAT, SPRING	4							
11	2	114250-53140	SPACER	4							
12	2	114250-53210	PIN	8							
13	2	114250-53400	SHIM SET	4							
25	1	123907-11601	SEAL, PIPE	4							
26	1	122780-59100	RETAINER	2							
27	1	119305-59120	RETAINER, PIPE	1							
30	2	129150-59131	BOLT, M4X14	1							
31	1	129550-59120	RETAINER, PIPE	1							
34	2	129150-59131	BOLT, M4X14	2							
35	1	129907-59710	SUPPORT	1							
37	1	129907-59810	PIPE ASSY, INJECTION	1							
38	1	129907-59820	PIPE ASSY, INJECTION	1							
39	1	129907-59830	PIPE ASSY, INJECTION	1							
40	1	129907-59840	PIPE ASSY, INJECTION	1							
41	1	26106-060162	BOLT, M6X 16 PLATED	2							
42	1	26106-080182	BOLT, M8X 18 PLATED	1							

Fig.14. FUEL PIPE

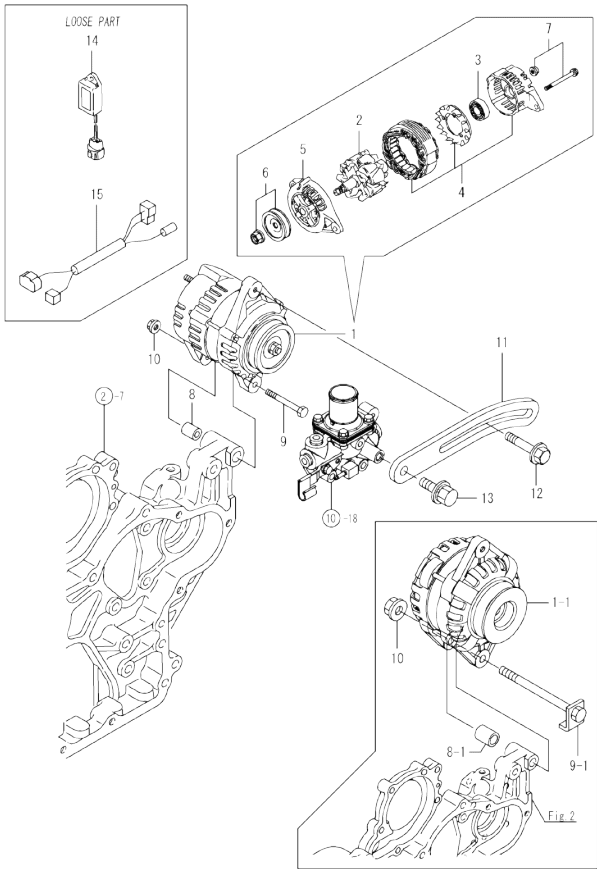


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-55612	BRACKET, FILTER	1							
2	1	129907-55801	FILTER, FUEL	1							
3	1	26106-080302	BOLT, M8X 30 PLATED	2							
4	1	129457-59010	HOSE ASSY, FUEL	1							
5	2	124766-59050	CLAMP, HOSE 11.5	2							
6	2	129957-59120	TUBE, CORRUGATED 15	1							
7	2	105025-59750	HOSE, FUEL	1							
8	1	129981-59010	HOSE ASSY, FUEL	1							
9	2	124766-59050	CLAMP, HOSE 11.5	2							
10	2	129950-59221	TUBE, CORRUGATED 15	1							
11	2	129980-59510	HOSE, FUEL	1							
12	1	121750-59890	BAND, NYLON	1							
13	1	129907-59140	PIPE ASSY, RETURN	1							
14	1	123907-59540	BOLT, PIPE JOINT M6	5							
15	1	123907-59550	GASKET	5							
16	1	129486-59551	HOSE ASSY, RETURN	1							
17	2	124722-59050	CLAMP, HOSE 9	2							
19	1	123907-59560	JOINT, HOSE	1							
20	1	22190-080002	WASHER, SEAL 6	1							
21	1	129612-52100	PUMP, FUEL FEED	1							
22	1	129245-55710	SEPARATOR ASSY,WATER	1							
23	2	129245-55720	CUP ASSY, SEPARATOR	1							
24	2	129242-55730	ELEMENT, FUEL	1							
25	2	129242-55740	PLUG, DRAIN	1							
26	2	129242-55750	VALVE, AIR VENT	1							
27	2	129242-55760	GASKET, PLUG	1							
28	2	129242-55770	FLOAT	1							
29	2	24311-000160	O-RING, 1AP16.0	1							
30	2	24321-000750	O-RING, 1AG75.0	1							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129940-77010	STARTER ASSY	1							
2	2	129940-77100	ARMATURE ASSY	1							
5	2	129940-77130	COIL ASSY, FIELD	1							
6	3	129940-77140	SCREW, CORE SET	4							
7	3	129940-77150	O-RING	1							
8	3	129940-77160	BRUSH	2							
9	2	129940-77170	COVER	1							
10	2	129940-77180	HOLDER ASSY, BRUSH	1							
11	3	129940-77190	SPRING, BRUSH	1							
12	3	129940-77200	BRUSH	2							
13	2	129940-77210	SWITCH ASSY, MAGNET	1							
14	2	129940-77220	CASE, GEAR	1							
15	2	129940-77230	RETAINER, BEARING	1							
16	2	129940-77240	LEVER SET	1							
17	2	129940-77250	COVER KIT, DUST	1							
18	2	129940-77260	BOLT, THROUGH	2							
19	2	129940-77270	BOLT	4							
20	2	129940-77280	SCREW	2							
21	2	123900-77510	PINION ASSY	1							
22	3	123900-77520	CLUTCH ASSY	1							
23	4	X2240610100	BEARING, BALL	2							
24	3	123900-77540	SHAFT, PINION	1							
25	3	119131-77550	STOPPER SET, PINION	1							
29	2	121254-77810	COVER, TERMINAL	1							
30	2	114371-79070	BOLT	2							
31	1	26116-120252	BOLT, M12X 25 PLATED	2							

0CW10-M22100 4TNV94L-PDBWK
Fig.16. GENERATOR



Remarks
(1)Interchangeable by simultaneous replacement with No.1-1, 8-1, 9-1, 15.

0CW10-M22100 Fig.16

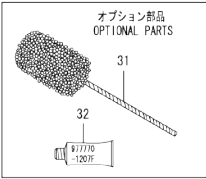
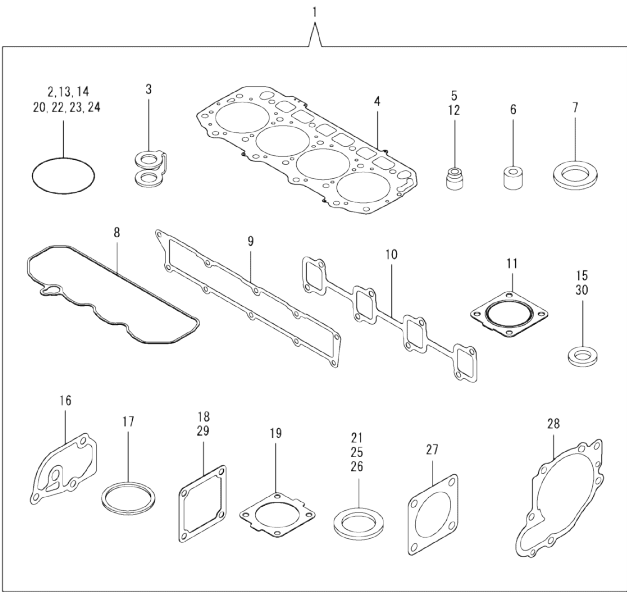
(A)=4TNV94L-PDBWK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	123900-77210	ALTERNATOR, 12V-60A	1							
1-1	1	129908-77210	ALTERNATOR	1						F	1
(A=ED4332)											
2	2	123900-77700	ROTOR ASSY	1						Z	
(A=ED4332)											
3	2	129612-77710	BEARING, BALL	1						Z	
(A=ED4332)											
4	2	123900-77720	BRACKET ASSY	1						Z	
(A=ED4332)											
5	2	123900-77730	BRACKET ASSY	1						Z	
(A=ED4332)											
6	2	123900-77740	PULLEY, GENERATOR	1						Z	
(A=ED4332)											
7	2	123900-77750	SCREW KIT	1						Z	
(A=ED4332)											
8	1	129470-77340	PIECE, DISTANCE	1							
8-1	1	129908-77360	PIECE, DISTANCE	1						F	1
(A=ED4332)											
9	1	26116-101202	BOLT, M10X120 PLATED	1							
9-1	1	129908-77220	BOLT, STOPPER M10	1						F	1
(A=ED4332)											
10	1	26306-100002	NUT, M10	1							
11	1	129916-77300	ADJUSTER, BELT	1							
12	1	119810-77340	BOLT, ADJUST L=30	1							
13	1	26014-080252	BOLT, M8X 25	1							
14	1	129211-77920	TIMER	1							
15	1	129908-77940	HARNESS	1						F	1
(A=ED4332)											

N:Old $\frac{Y10}{10}$ New, Q:Old $\frac{H10}{10}$ New, R:Old $\frac{Y10}{10}$ New, S:Old $\frac{H10}{10}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.17. GASKET SET



Remarks
(1) OPTIONAL PART.

		(A)=4TNV94L-PDBWK		(D)=		(E)=		(F)=			
		(B)=		(C)=							
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729906-92820	GASKET SET	1							1
1-1	1	129906-92740	GASKET SET	1						N	1
(A=*2009.12)											
2	2	24351-030750	O-RING, 1A3075	1							
3	2	123907-59550	GASKET	5							
4	2	129906-01340	GASKET, HEAD	1							
4-1	2	129906-01350	GASKET, HEAD	1						N	
(A=*2009.12)											
5	2	124160-11340	SEAL, VALVE STEM	8							
6	2	119802-11870	PROTECTOR, NOZZLE	4							
7	2	119625-11880	SEAT, NOZZLE	4							
8	2	129907-11310	GASKET, BONNET	1							
9	2	129907-12110	GASKET, MANIFOLD	1							
10	2	129900-13251	GASKET, EXH.MANIFOLD	1							
11	2	129930-13201	GASKET, SILENCER	2							
12	2	119803-11340	SEAL, VALVE STEM	8							
13	2	129900-32030	O-RING, P20	2							
14	2	129900-32040	O-RING, P14	1							
15	2	124465-44950	GASKET, 16	2							
16	2	129900-49870	GASKET, THERMOSTAT	1							
17	2	121850-49550	GASKET, THERMOSTAT	1							
18	2	121850-77021	GASKET, AIR HEATER	1							
19	2	121850-49540	GASKET, THERMOSTAT	1							
20	2	24341-000530	O-RING, 1AS53.0	1							
21	2	22190-220002	WASHER, SEAL 22	1							
22	2	24311-000070	O-RING, 1AP7.0	1							
23	2	24311-000120	O-RING, 1AP12.0	8							
24	2	24311-000320	O-RING, 1AP32.0	3							
25	2	22190-080002	WASHER, SEAL 6	7							
26	2	23414-080000	GASKET, 8X1.0	1							
27	2	124240-01883	GASKET	1							
28	2	129900-42020	GASKET, WATER PUMP	1							
29	2	119129-77020	GASKET	1							
30	2	129150-49360	GASKET	1						Z	
(A=FROM 1ST)											
31	1	129400-92440	HONE, FLEX	1							1
32	1	977770-1207F	GASKET,LIQUID	1							1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
105025-59750	14	7
114250-39450	9	14
114250-53080	13	5
114250-53120	13	9
114250-53130	13	10
114250-53140	13	11
114250-53210	13	12
114250-53400	13	13
114371-79070	15	30
119000-35140	9	3
119005-35151	9	5
119005-77050	5	7
119117-44760	10	16
119129-77020	5	5
	17	29
119129-77520	5	8
119131-18320	6	5
119131-77550	15	25
119233-77932	12	130
119305-59120	13	27
119593-11301	4	30
119620-01750	3	3
119620-11180	4	14
119625-11880	4	26
	17	7
119640-01640	3	8
119640-61400	4	61
119660-61901	12	61
119802-11870	4	25
	17	6
119802-51590	11	59
119802-51600	11	60
119802-51680	11	64
119802-51690	11	65
119803-11340	4	15
	17	12
119810-77340	16	12
120130-22301	8	21
121250-44901	10	35
121254-77810	15	29
121450-42450	10	34
121520-34810	9	1
121750-59890	14	12
121850-21130	8	11
121850-21290	8	4
121850-21920	8	5
121850-49540	10	22
	17	19
121850-49550	10	23
	17	17

Parts No.	Fig. No.	Ref. No.
121850-49800	10	25
121850-77021	5	6
	17	18
122780-59100	13	26
123900-13610	6	3
123900-13630	6	4
123900-25060	7	9
123900-77210	16	1
123900-77510	15	21
123900-77520	15	22
123900-77540	15	24
123900-77700	16	2
123900-77720	16	4
123900-77730	16	5
123900-77740	16	6
123900-77750	16	7
123907-03100	4	55
123907-03110	4	56
123907-03120	4	57
123907-03140	4	58
123907-11280	4	35
123907-11550	4	3
123907-11601	13	25
123907-11820	4	21
123907-11830	4	20
123907-39500	9	17
123907-59540	14	14
123907-59550	14	15
	17	3
123907-59560	14	19
123944-61420	12	23
123944-61430	12	24
124160-01751	2	23
	4	50
124160-11340	4	16
	17	5
124160-11360	4	64
124240-01871	2	25
124240-01883	2	26
	17	27
124465-44950	10	36
		37
	17	15
124722-59050	10	41
		44
	14	17
124766-59050	14	5
		9
129001-91810	2	12
		13

Parts No.	Fig. No.	Ref. No.
129004-55612	14	1
129005-59830	9	19
129100-01580	2	4
	3	1
129150-02450	7	4
129150-11230	4	38
		42
129150-11750	4	19
		39
		43
129150-14200	7	1
129150-25920	7	13
129150-49360	10	45
	17	30
129150-59131	13	30
		34
129155-51280	12	5
129155-61460	12	30
129211-77920	16	14
129242-55730	14	24
129242-55740	14	25
129242-55750	14	26
129242-55760	14	27
129242-55770	14	28
129245-55710	14	22
129245-55720	14	23
129255-61410	12	22
129400-92440	17	31
129457-59010	14	4
129470-77340	16	8
129486-59551	14	16
129550-59120	13	31
129612-52100	14	21
129612-77710	16	3
129900-01200	1	27
129900-01250	1	4
129900-01850	2	28
129900-01870	2	29
129900-02020	1	6
129900-02341	1	33
129900-02410	1	9
129900-02931	1	24
129900-02941	1	36
129900-07900	4	1
129900-13200	6	1
129900-13251	6	2
	17	10
129900-14100	7	6
129900-21200	8	3
129900-21600	8	14

Parts No.	Fig. No.	Ref. No.
129900-23001	8	23
129900-23200	8	26
129900-23601	8	27
129900-23610	8	30
129900-23911	8	29
129900-25100	7	10
129900-32001	2	8
129900-32030	2	10
	9	6
	17	13
129900-32040	2	11
	17	14
129900-42020	10	11
	17	28
129900-49870	10	30
	17	16
129902-21000	8	1
129906-01340	1	28
	17	4
129906-01350	1	28 -2
	17	4 -1
129906-22050	8	17
129906-22080	8	15
129906-22090	8	15 -1
129906-22900	8	32 -1
129906-22910	8	32 -2
129906-34851	9	2
129906-42421	10	14 -1
129906-51580	11	57
129906-53000	13	2
129906-92740	17	1 -1
129907-01190	1	29
129907-01331	1	28 -1
129907-01500	2	7
129907-01950	11	129
129907-01960	11	130
129907-03011	4	52
129907-03061	4	53
129907-03070	4	54
129907-11100	4	11
129907-11110	4	12
129907-11120	4	13
129907-11250	4	32
129907-11260	4	33
129907-11270	4	34
129907-11310	4	60
	17	8
129907-11321	4	51
129907-11341	4	31
129907-11510	4	17

Parts No. Index

Parts No.	Fig. No.	Ref. No.
129907-11650	4	36
129907-11660	4	40
129907-11700	4	4
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