

0CW10-M04901EN

PREFACE

1. This parts catalog is the 2nd edition of 4TNV94L-PIKA1 for KATO WORKS CO.,LTD.

Pub.No. : 000Y00W0491

Published : November.,2006

2. Model name

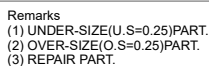
Engine model	Vehicle		Vehicle made by
	Products	Model name	
4TNV94L-PIKA1	Excavator	55N2/60N	KATO WORKS CO.,LTD.

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0CW10-M04901

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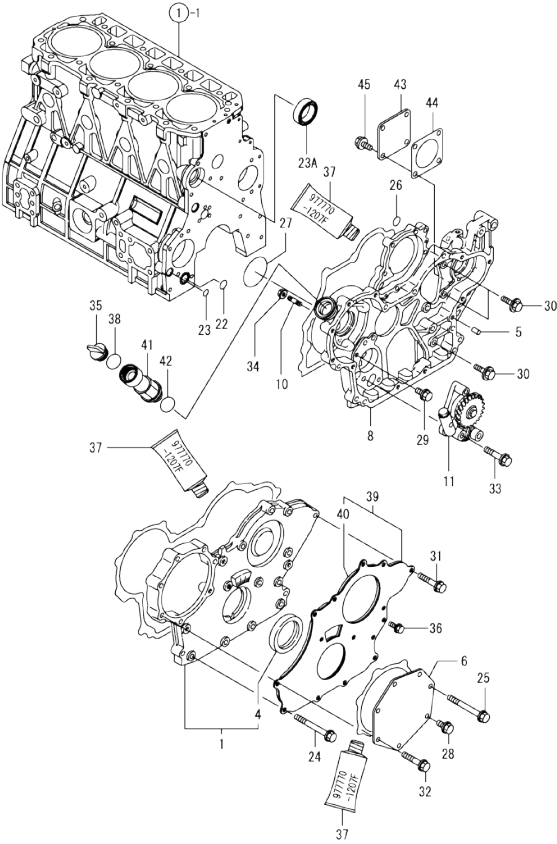
Fig.1. CYLINDER BLOCK



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

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

0CW10-M04901 4TNV94L-PIKA1
Fig.2. GEAR HOUSING

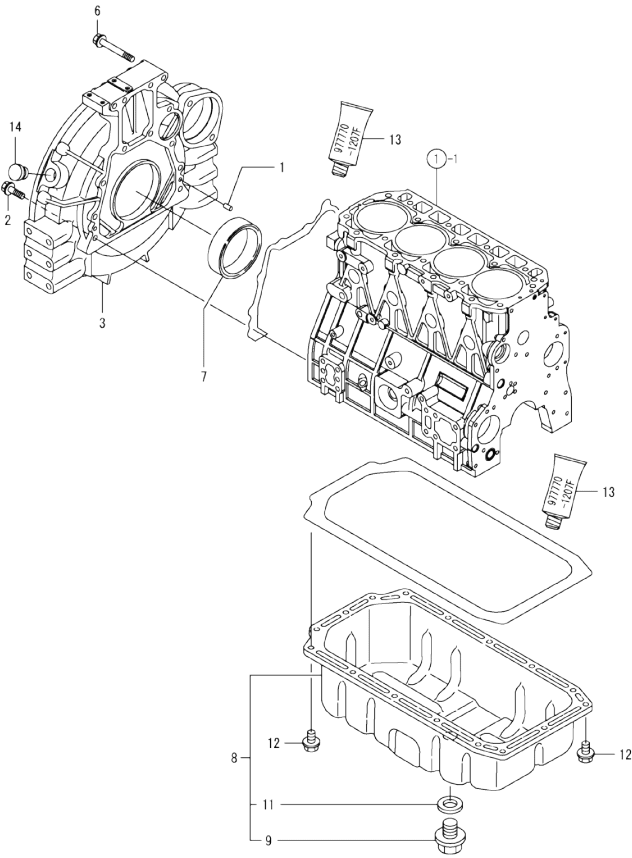


Remarks
(1) OPTIONAL PART.

				0CW10-M04901 Fig.2							
				(A)=4TNV94L-PIKA1							
				(B)=							
				(C)=							
				(D)=							
				(E)=							
				(F)=							
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729907-01559	COVER ASSY,GEAR CASE	1							
4	2	129916-01800	SEAL, OIL	1							
5	1	129100-01580	PIN, PARALLEL 8X16	4							
6	1	129900-01740	COVER	1							
8	1	129907-01500	CASE, GEAR	1							
10	1	26216-100302	STUD, M10X 30	4							
11	1	129900-32001	PUMP ASSY, OIL	1							
22	1	129900-32030	O-RING, P20	1							
23	1	129900-32040	O-RING, P14	1							
23A	1	129927-42140	GASKET, PUMP OUTLET	1							W
(A="2014.09)											
24	1	129001-91810	BOLT, M8X70	6							
25	1	129001-91810	BOLT, M8X70	1							
26	1	24311-000070	O-RING, 1AP7.0	1							
27	1	24351-030750	O-RING, 1A3075	1							
28	1	26106-080162	BOLT, M8X 16 PLATED	1							
29	1	26106-080162	BOLT, M8X 16 PLATED	1							
30	1	26106-080202	BOLT, M8X 20 PLATED	3							
31	1	26106-080402	BOLT, M8X 40 PLATED	5							
32	1	26106-080402	BOLT, M8X 40 PLATED	5							
33	1	26106-080452	BOLT, M8X 45 PLATED	3							
34	1	26306-100002	NUT, M10	4							
35	1	124160-01751	CAP, FILLER	1							
36	1	26106-080162	BOLT, M8X 16 PLATED	3							
37	1	977770-1207F	GASKET,LIQUID	1							1
38	1	24311-000320	O-RING, 1AP32.0	1							
39	1	129900-01850	COVER ASSY,GEAR CASE	1							
40	2	129900-01870	SPONGE, GEAR CASE	1							
41	1	171031-11741	PIPE	1							
42	1	24311-000320	O-RING, 1AP32.0	1							
43	1	124240-01871	COVER, PUMP	1							
44	1	124240-01883	GASKET	1							
45	1	26106-080162	BOLT, M8X 16 PLATED	4							

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Fig.3. FLYWHEEL HOUSING & OIL SUMP



Remarks
(1) OPTIONAL PART.

0CW10-M04901 Fig.3

(A)=4TNV94L-PIKA1
(B)=
(C)=

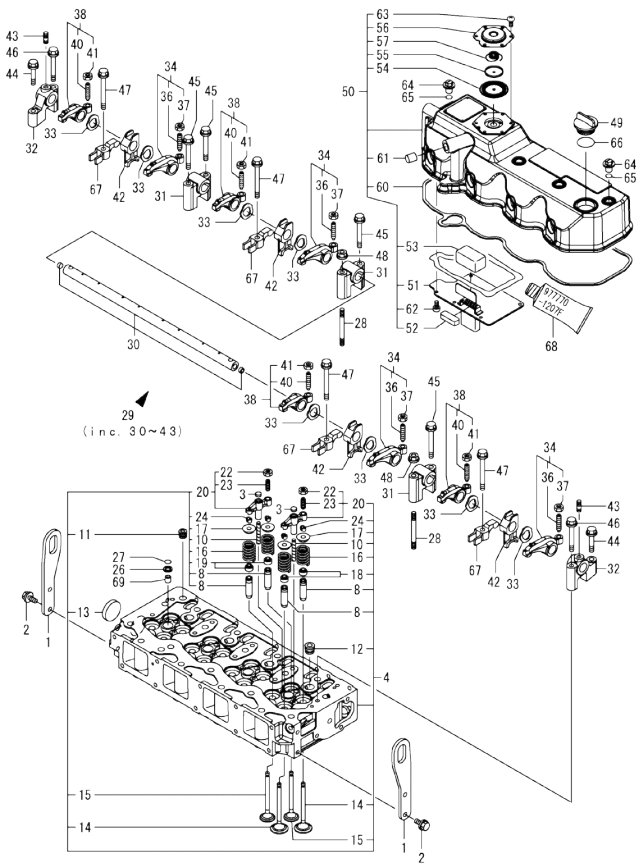
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, PARALLEL 8X16	2							
2	1	26206-100352	BOLT, M10X 35 PLATED	9							
3	1	129953-01620	HOUSING, FLYWHEEL	1							
6	1	26206-100702	BOLT, M10X 70 PLATED	4							
7	1	124411-01780	SEAL, HTC95X115X12	1							
8	1	129916-01710	OIL PAN ASSY	1							
9	2	119640-01640	PLUG, DRAIN M22	1							
11	2	22190-220002	WASHER, SEAL 22	1							
12	1	26106-080122	BOLT, M8X 12 PLATED	16							
13	1	977770-1207F	GASKET,LIQUID	1							1
14	1	119620-01750	CAP	1							W
(A=E23348)											

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{RIS}{YES}$ New, R:Old $\frac{YES}{YES}$ New, S:Old $\frac{RIS}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.4. CYLINDER HEAD & BONNET



Remarks
(1) OPTIONAL PART.
(2) REPAIR PART.

0CW10-M04901 Fig.4

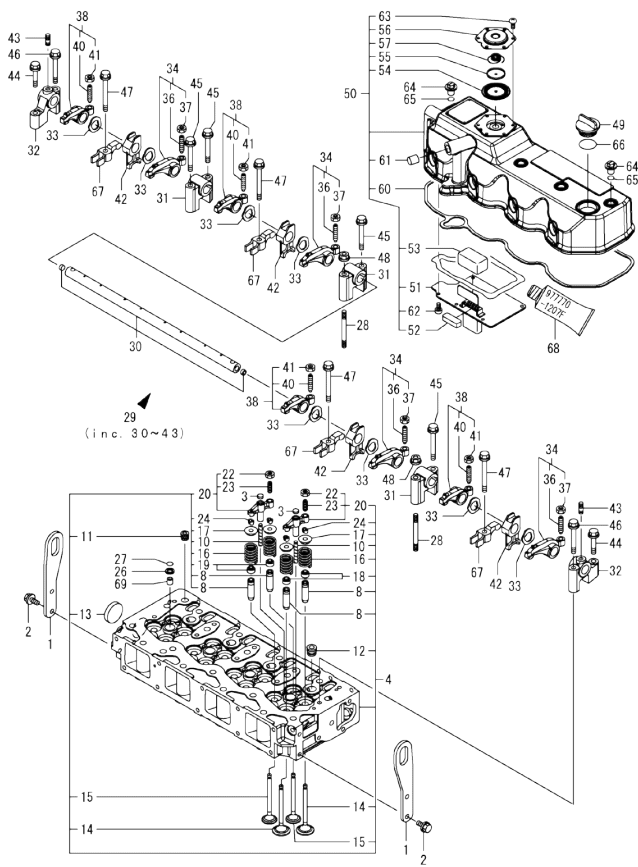
(A)=4TNV94L-PIKA1
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129907-07900	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						2	
8	2	129907-11800	GUIDE, VALVE	16							
10	2	123907-11820	GUIDE, BRIDGE	8							
11	2	23876-020000	PLUG, R02	1							
12	2	23876-030000	PLUG, R03	4							
13	2	27241-400000	PLUG, 40	1							
14	2	129907-11100	VALVE, SUCTION	8							
15	2	129907-11110	VALVE, EXHAUST	8							
16	2	129907-11120	SPRING, VALVE	16							
17	2	119620-11180	RETAINER, SPRING	16							
18	2	124160-11340	SEAL, VALVE STEM	8							
19	2	124950-11340	SEAL, VALVE STEM	8							
19-1	2	119803-11340	SEAL, VALVE STEM	8						N	
(A=E26977)											
20	2	129907-11510	BRIDGE ASSY, VALVE	8							
22	3	129150-11750	NUT, M8	8							
23	3	123907-11830	ADJUSTER	8							
24	2	27310-070001	COTTER, 7	16							
26	1	119625-11880	SEAT, NOZZLE	4							
27	1	24311-000120	O-RING, 1AP12.0	4							
28	1	119593-11301	BOLT, STUD M8X80	2							
29	1	129907-11341	SHAFT ASSY, ROCKER	1							
30	2	129907-11250	SHAFT, ROCKER ARM	1							
31	2	129907-11260	SUPPORT, ROCKER ARM	3							
32	2	129907-11270	SUPPORT, ROCKER ARM	2							
33	2	123907-11280	WASHER	8							
34	2	129907-11650	ARM ASSY, ROCKER	4							
36	3	129150-11230	SCREW, VALVE ADJUST	4							
37	3	129150-11750	NUT, M8	4							
38	2	129907-11660	ARM ASSY, ROCKER	4							
40	3	129150-11230	SCREW, VALVE ADJUST	4							
41	3	129150-11750	NUT, M8	4							
42	2	129907-11920	RETAINER, NOZZLE	4							
43	2	26226-080222	STUD, M8X 22	2							
44	1	26106-080402	BOLT, M8X 40 PLATED	2							
45	1	26106-080602	BOLT, M8X 60 PLATED	4							
46	1	26106-080602	BOLT, M8X 60 PLATED	2							
47	1	129907-11950	BOLT, M8X75	4							
48	1	26306-080002	NUT, M8	2							
49	1	124160-01751	CAP, FILLER	1							
50	1	129907-11320	BONNET ASSY, HEAD	1							
51	2	129907-03011	PLATE, BAFFLE	1							
52	2	129907-03061	BAFFLE, BREATHER	1							
53	2	129907-03070	BAFFLE, BREATHER	1							
54	2	123907-03100	DIAPHRAGM	1							
55	2	123907-03110	PLATE	1							
56	2	123907-03120	PLATE, BREATHER	1							
57	2	123907-03140	SPRING, DIAPHRAGM	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.4. CYLINDER HEAD & BONNET



Remarks
(1) OPTIONAL PART.
(2) REPAIR PART.

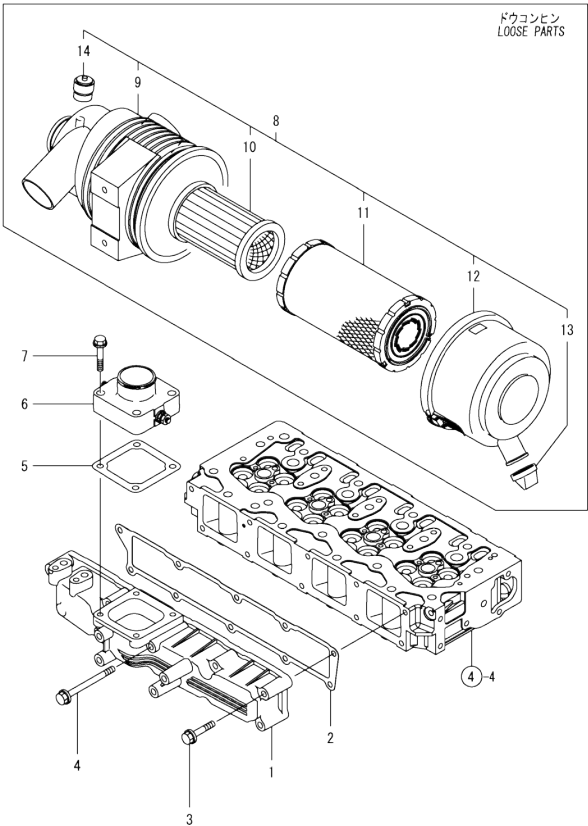
(A)=4TNV94L-PIKA1
(B)=
(C)=

(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							
67	1	129907-11910	RETAINER, NOZZLE	4							
68	1	977770-1207F	GASKET, LIQUID	1							1
69	1	119802-11870	PROTECTOR, NOZZLE	4							

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Fig.5. SUCTION MANIFOLD & AIR CLEANER



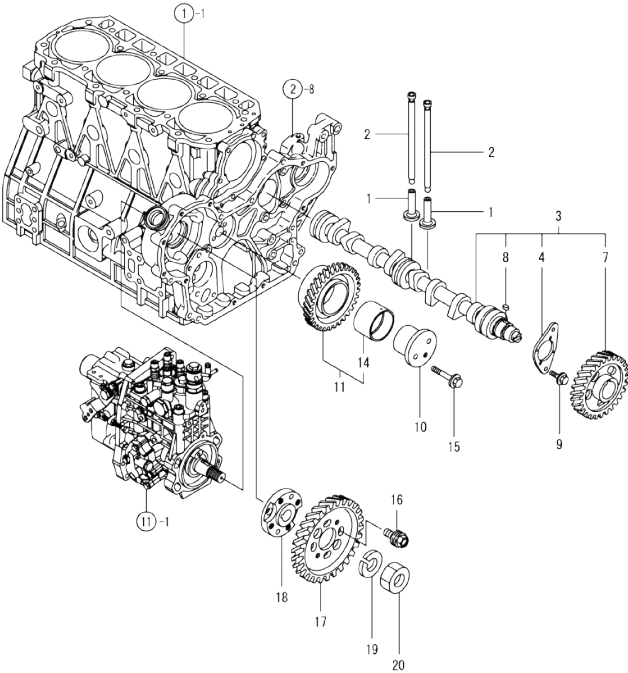
0CW10-M04901 Fig.5

(A)=4TNV94L-PIKA1
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
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	121850-77021	GASKET, AIR HEATER	1							
6	1	129915-77050	HEATER, AIR 12V	1							
7	1	26106-080352	BOLT, M8X 35 PLATED	4							
8	1	129916-12500	AIR CLEANER ASSY	1							
9	2	129916-12510	BODY ASSY	1							
10	2	119005-12571	ELEMENT, INNER	1							
11	2	129062-12560	ELEMENT	1							
12	2	129900-12530	COVER ASSY	1							
13	2	119808-12540	VALVE, UNLOAD	1							
14	2	126650-12680	INDICATOR	1							

Fig.7. CAMSHAFT & DRIVING GEAR



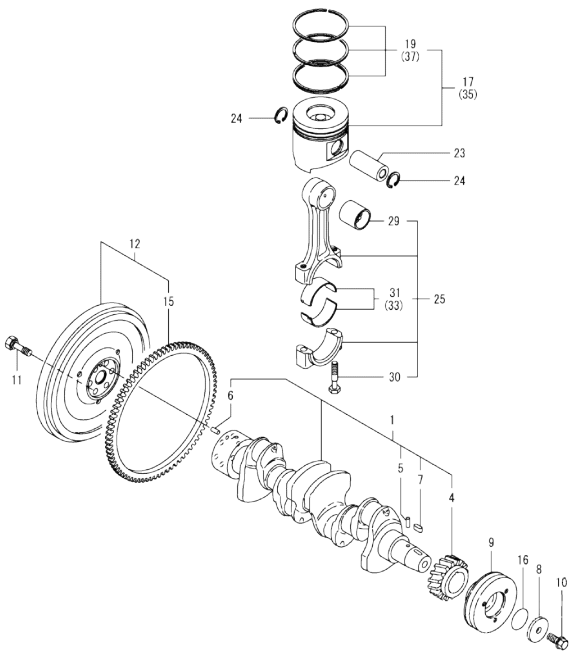
Remarks
(1) REPAIR PART.

(A)=4TNV94L-PIKA1
(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							
7	2	129900-14100	GEAR, CAMSHAFT	1							
8	2	22512-070140	KEY, 7X 14	1							
9	1	26106-080162	BOLT, M8X 16 PLATED	2							
10	1	123900-25060	SHAFT, IDLE GEAR	1							
11	1	129900-25100	GEAR ASSY, IDLE	1							
14	2	129150-25920	BUSH, IDLE GEAR	1							1
15	1	26106-080552	BOLT, M8X 55 PLATED	3							
16	1	129953-25300	BOLT	4							
17	1	129907-25900	GEAR, PUMP	1							
18	1	158563-51150	FLANGE	1							
19	1	22217-180000	WASHER, SPRING 18	1							
20	1	26776-180002	NUT, LOCK M18	1							

Fig.8. CRANKSHAFT & PISTON

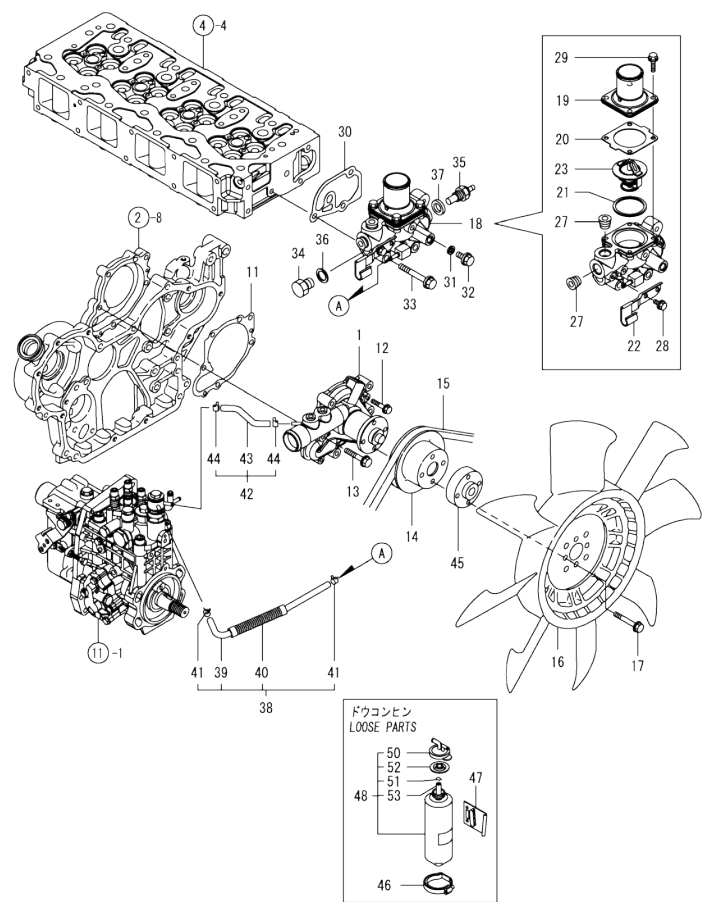


Remarks
(1) Repair part.
(2) Under-sized (U.S.=0.25) part.
(3) Over-sized (O.S.=0.25) part.
(4) Ref. No.17 is interchangeable with a set of Ref. No.17-1 and Fig.1 Ref. No.32-2.

										0CW10-M04901 Fig.8	
										(A)=4TNV94L-PIKA1	
										(D)=	
										(E)=	
										(F)=	
										Q'ty	
										(A) (B) (C) (D) (E) (F)	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129902-21000	CRANKSHAFT ASSY	1							
4	2	129900-21200	GEAR, CRANKSHAFT	1							
5	2	121850-21290	PIN	1							
6	2	121850-21920	PIN, PARALLEL 10X22	1							
7	2	22512-070140	KEY, 7X 14	1							
8	1	129960-21640	WASHER	1							
9	1	129907-21650	V-PULLEY, CRANK 130	1							
10	1	121850-21680	BOLT	1							
10-1	1	129916-21610	BOLT	1						N	
(A=E26977)											
11	1	121850-21130	BOLT, FLYWHEEL	6							
12	1	129916-21590	FLYWHEEL ASSY	1							
15	2	129900-21600	GEAR, RING	1							
16	1	24341-000530	O-RING, 1AS53.0	1							
17	1	129906-22080	PISTON ASSY	4							
17-1	1	129906-22090	PISTON ASSY	4						F	4
(A=*2009.12)											
19	2	129906-22050	RING SET, PISTON	4							
23	1	120130-22301	PIN, PISTON	4							
24	1	22252-000300	RING, 30	8							
25	1	129900-23001	ROD ASSY, CONNECTING	4							
29	2	129900-23911	BEARING, PISTON PIN	4							1
30	2	129900-23200	BOLT, CONNECTING ROD	8							
31	2	129900-23600	BEARING, CRANK PIN	4							
31-1	2	129900-23601	BEARING, CRANK PIN	4						N	
(A=E25405)											
33	1	129900-23610	BEARING ASSY, 0.25US	4							2
33-1	1	129900-23611	BEARING ASSY, 0.25US	4						N	2
(A=E25405)											
35	1	729906-22900	PISTON ASSY, 0.25 OS	4							3
35-1	1	129906-22900	PISTON ASSY, 0.25 OS	4						R	3
(A=EXXXXX)											
35-2	1	129906-22910	PISTON ASSY, 0.25 OS	4						F	3
(A=*2009.12)											
37	2	729906-22950	RING SET, 0.25 OS	4							3
37-1	2	129916-22950	RING SET, 0.25 OS	4						R	3
(A=EXXXXX)											

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Fig.10. COOLING WATER SYSTEM



0CW10-M04901 Fig.10

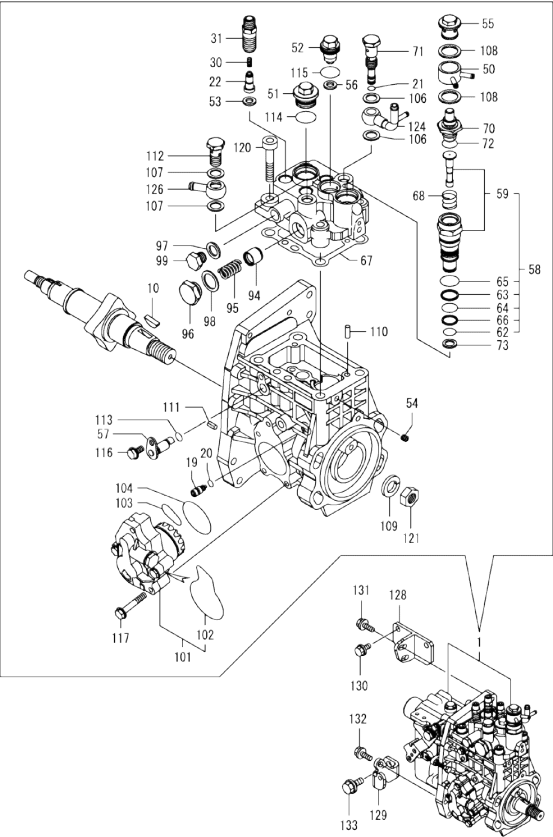
(A)=4TNV94L-PIKA1
(B)=
(C)=

(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	129900-42461	V-PULLEY, C.W.PUMP	1							
15	1	25132-004100	V-BELT, A41	1							
16	1	119130-44740	FAN, COOLING D=410	1							
17	1	26106-080302	BOLT, M8X 30 PLATED	4							
18	1	129907-49800	CASE ASSY,THERMOSTAT	1							
19	2	129916-49530	COVER, THERMOSTAT	1							
20	2	121850-49540	GASKET, THERMOSTAT	1							
21	2	121850-49550	GASKET, THERMOSTAT	1							
22	2	129907-49730	RETAINER, PIPE	1							
23	2	121850-49810	THERMOSTAT, 71C	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	171056-49351	SENSOR, WATER TEMP.	1							
36	1	124465-44950	GASKET, 16	1							
37	1	129150-49360	GASKET	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	119130-44760	SPACER, FAN	1							
46	1	124450-44550	BAND, SUB-TANK	1							
47	1	121256-44600	BRACKET, SUB TANK	1							
48	1	171064-44510	TANK ASSY, SUB	1							
50	2	121450-44531	CAP	1							
51	2	124450-44560	CLAMP, HOSE	1							
52	2	121470-44581	GASKET	1							
53	2	23065-070225	HOSE 7X 225	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
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Fig.11. FUEL INJECTION PUMP



Remarks
(1) GOVERNOR ASSY(FIG.12) IS
INCORPORATED IN THIS FOP.CMP
(REF.NO.1).

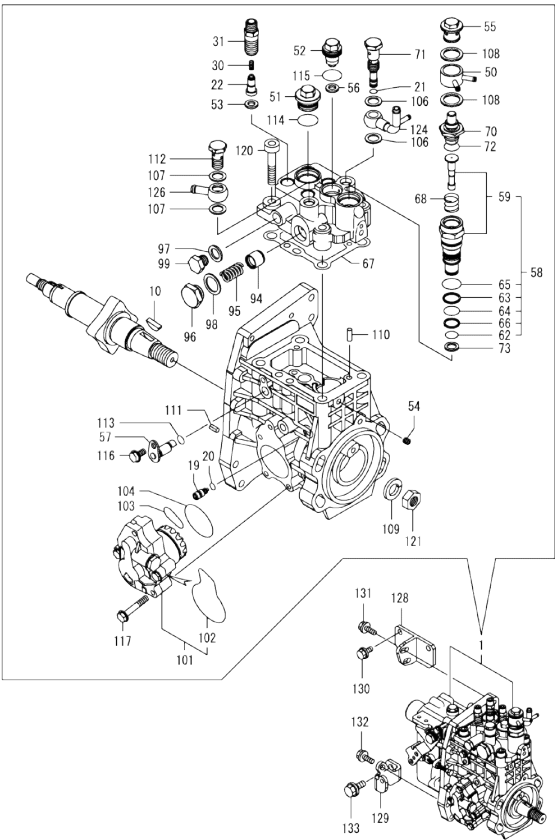
(A)=4TNV94L-PIKA1
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729932-51330	PUMP ASSY, INJECTION	1							1
10	2	144626-51090	FEATHER KEY, 5X19	1							
19	2	158600-51270	STOPPER, TAPPET	1							
20	2	158563-51281	O-RING, 4D S6	1							
21	2	158563-51281	O-RING, 4D S6	1							
22	2	158560-51300	VALVE ASSY, DELIVERY	4							
30	2	158563-51330	SPRING, DELIVERY	4							
31	2	129907-51340	HOLDER, DELIVERY	4							
50	2	158553-51551	JOINT, COOLING WATER	1							
51	2	158601-51550	PLUG, M22	1							
52	2	129907-51560	PLUG, M16	1							
53	2	158552-51570	GASKET, PLUG	4							
54	2	158557-51570	PLUG, RACK	1							
55	2	158601-51570	PLUG	1							
56	2	129906-51580	GASKET, PLUG	1							
57	2	158552-51580	LIFTER, LINK	1							
58	2	119802-51590	TIMER ASSY	1							
59	3	119802-51600	TIMER ASSY	1							
62	3	158553-51670	O-RING	1							
63	3	119802-51680	RING, BACKUP	1							
64	3	119802-51690	O-RING	1							
65	3	24356-010200	O-RING, 4D1020	1							
66	3	24372-000150	RING, BACK UP T2P15	1							
67	2	158560-51600	GASKET	1							
68	2	158553-51630	SPRING, TIMER	1							
70	2	158553-51640	THERMOELEMENT	1							
71	2	158601-51650	JOINT, OVER FLOW	1							
72	2	158553-51660	O-RING, P14	1							
73	2	158553-51680	GASKET, TIMER	1							
94	2	158601-51770	PISTON, ACCUMULATOR	1							
95	2	158552-51780	SPRING, ACCUMULATOR	1							
95-1	2	158552-51781	SPRING, ACCUMULATOR	1							N
(A=EXXXXX)											
96	2	158601-51790	PLUG	1							
97	2	22190-120002	WASHER, SEAL 12	1							
98	2	22190-180002	WASHER, SEAL 18	1							
99	2	23887-120002	PLUG, 12	1							
101	2	158552-52100	PUMP ASSY, FUEL FEED	1							
102	3	158552-52500	O-RING	1							
103	2	158552-52310	O-RING	1							
104	2	158552-52400	O-RING, 4E S42	1							
106	2	22190-120002	WASHER, SEAL 12	2							
107	2	22190-120002	WASHER, SEAL 12	2							
108	2	22190-180002	WASHER, SEAL 18	2							
109	2	22217-180000	WASHER, SPRING 18	1							
110	2	22312-050140	PIN, PARALLEL M5X14	2							
111	2	22351-050010	PIN, SPRING 5.0X10	2							
112	2	23857-060000	BOLT, JOINT 6	1							
113	2	24311-000070	O-RING, 1AP7.0	1							
114	2	24356-010200	O-RING, 4D1020	1							
115	2	24356-020210	O-RING, 4D2021	1							

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



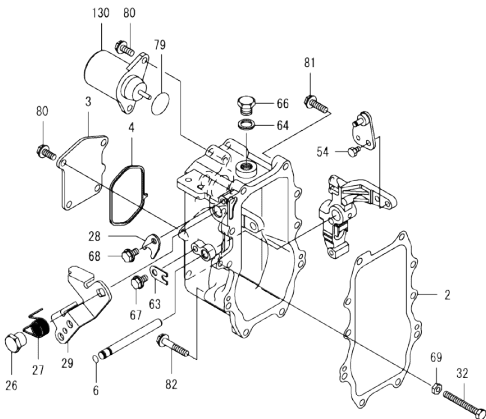
Remarks
(1) GOVERNOR ASSY(FIG.12) IS
INCORPORATED IN THIS FOP.CMP
(REF.NO.1).

(A)=4TNV94L-PIKA1
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
116	2	26106-060102	BOLT, M6X 10 PLATED	1							
117	2	26106-060352	BOLT, M6X 35 PLATED	4							
120	2	26450-100452	BOLT, M10X 45	4							
121	2	26776-180002	NUT, LOCK M18	1							
124	2	158552-51670	JOINT, OVER FLOW	1							
126	2	129916-59020	JOINT, PIPE 12	1							
128	1	129907-01950	RETAINER, PUMP	1							
129	1	129907-01960	RETAINER, PUMP	1							
130	1	26106-080162	BOLT, M8X 16 PLATED	2							
131	1	26106-080222	BOLT, M8X 22 PLATED	2							
132	1	26106-080222	BOLT, M8X 22 PLATED	1							
133	1	26106-100202	BOLT, M10X 20 PLATED	1							

0CW10-M04901 4TNV94L-PIKA1

Fig.12. GOVERNOR



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

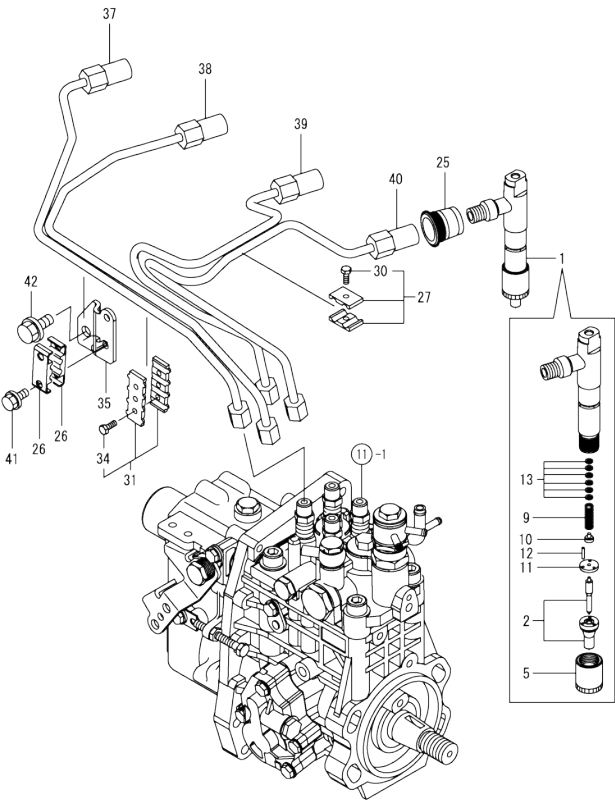
0CW10-M04901 Fig.12

(A)=4TNV94L-PIKA1
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	158560-61050	GASKET	1							
3	2	158560-61061	COVER, GOVERNOR CASE	1							
4	2	158560-61071	GASKET	1							
6	2	129155-51280	O-RING, S6	1							
26	2	129255-61410	NUT, M8	1							
27	2	119807-61420	SPRING, RETURN	1							
28	2	158560-61430	STOPPER, SHAFT	1							
29	2	158560-61441	LEVER, REGULATOR	1							
29-1	2	158560-61442	LEVER, REGULATOR	1							N
(A=FROM 1ST.)											
32	2	129155-61460	BOLT, LIMITING	1							
54	2	26116-060102	BOLT, M6X 10 PLATED	1							
63	2	119660-61901	STOPPER, SHAFT	1							
64	2	22190-160002	WASHER, SEAL 16	1							
66	2	23887-160002	PLUG, 16	1							
67	2	26106-060102	BOLT, M6X 10 PLATED	1							
68	2	26106-060102	BOLT, M6X 10 PLATED	1							
69	2	26756-060002	NUT, LOCK M6	1							
79	2	24341-000280	O-RING, 1AS28.0	1							
79-1	2	158552-61900	O-RING	1							N
(A=E22267)											
80	2	26106-060142	BOLT, M6X 14 PLATED	6							
81	2	26106-060252	BOLT, M6X 25 PLATED	8							
82	2	26106-060402	BOLT, M6X 40 PLATED	2							
130	2	119233-77932	SOLENOID, STOP	1							

Fig.13. FUEL INJECTION VALVE

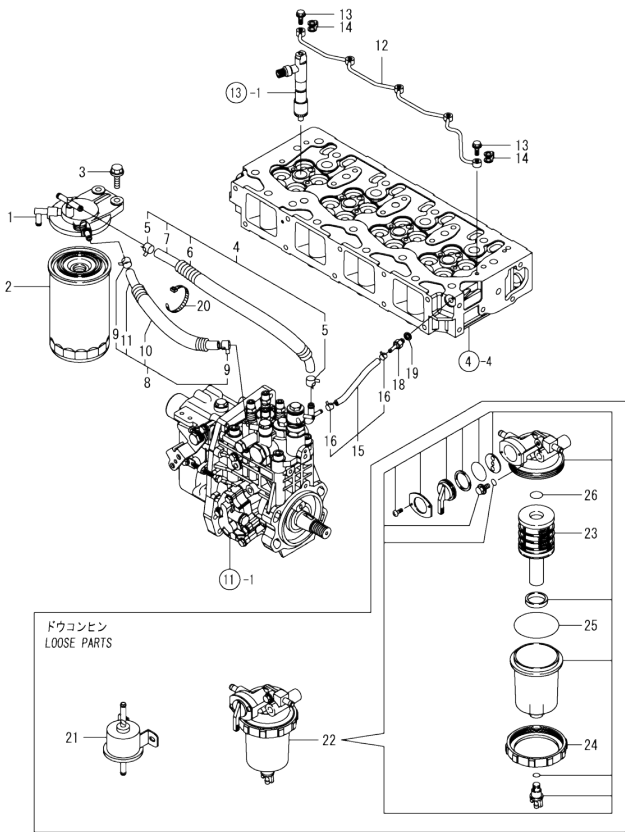


(A)=4TNV94L-PIKA1
(B)=
(C)=

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

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 LINE

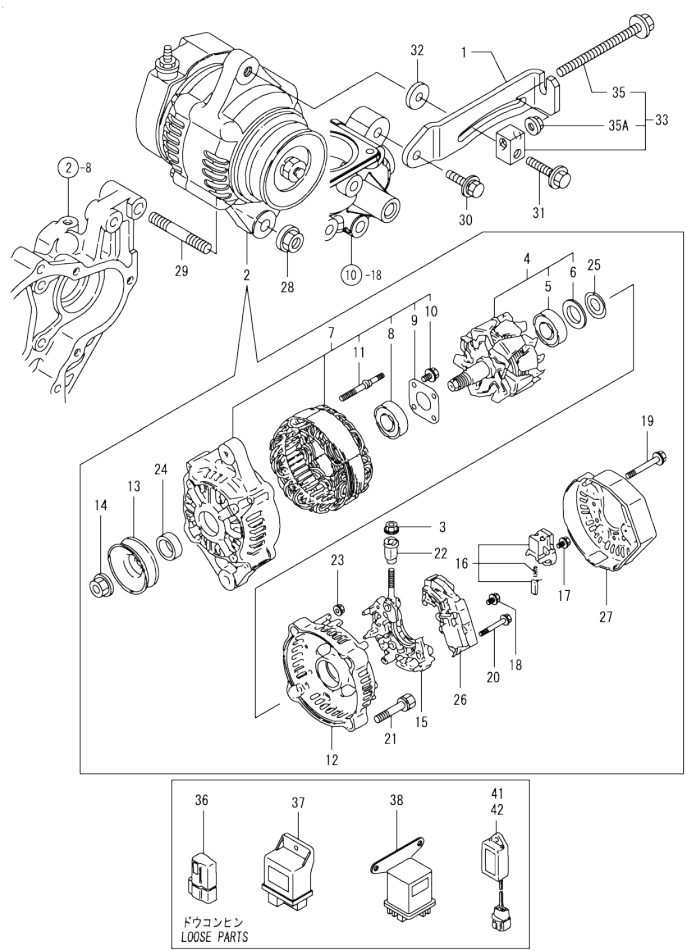


(A)=4TNV94L-PIKA1
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-55611	BRACKET, FILTER	1							
1-1	1	129004-55612	BRACKET, FILTER	1							R
(A=E23348)											
2	1	129907-55800	FILTER, FUEL	1							
2-1	1	129907-55801	FILTER, FUEL	1							R
(A=E25405)											
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	129907-59140	PIPE ASSY, RETURN	1							
13	1	123907-59540	BOLT, PIPE JOINT M6	5							
14	1	123907-59550	GASKET	5							
15	1	129486-59551	HOSE ASSY, RETURN	1							
16	2	124722-59050	CLAMP, HOSE 9	2							
18	1	123907-59560	JOINT, HOSE	1							
19	1	22190-080002	WASHER, SEAL 6	1							
20	1	121750-59890	BAND, NYLON	1							
21	1	119225-52102	PUMP, FUEL FEED	1							
22	1	119802-55700	SEPARATOR ASSY, WATER	1							
23	2	119802-55710	ELEMENT	1							
24	2	129100-55690	RING, CUP RETAINING	1							
25	2	24321-000650	O-RING, 1AG65.0	1							
26	2	24311-000160	O-RING, 1AP16.0	1							

Fig.16. GENERATOR

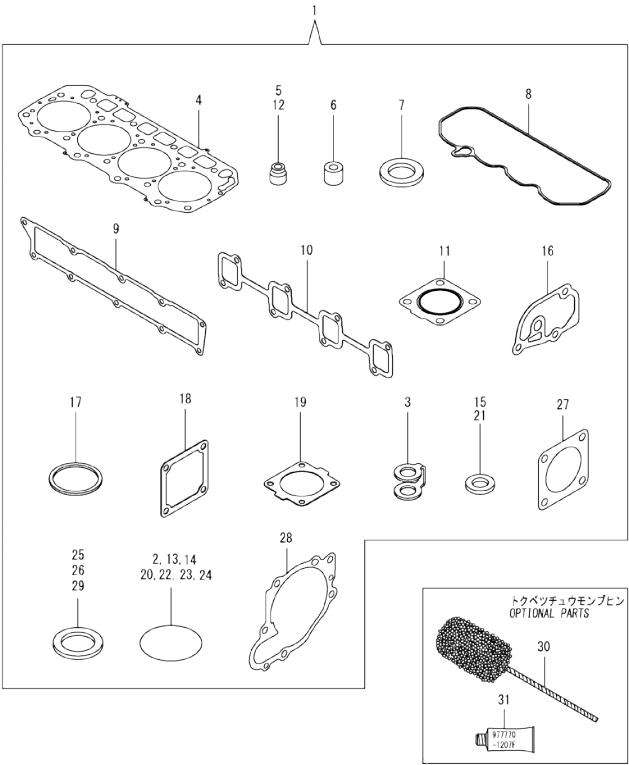


(A)=4TNV94L-PIKA1
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129906-77300	ADJUSTER, BELT	1							
2	1	129240-77200	ALTERNATOR, 12V-40A	1							
3	2	129240-79310	NUT	1							
4	2	119620-77380	ROTOR ASSY	1							
5	3	126501-79240	BALL BEARING	1							
6	3	119620-79250	COVER, BEARING	1							
7	2	119620-77421	FRAME ASSY, GENERATOR	1							
8	3	119620-79200	BEARING, BALL	1							
9	3	119620-79210	RETAINER	1							
10	3	119620-79220	SCREW	4							
11	3	119620-79230	BOLT, STUD	2							
12	2	119620-77440	FRAME ASSY	1							
13	2	119620-77461	PULLEY, GENERATOR	1							
14	2	119620-77471	NUT	1							
15	2	119620-79260	HOLDER	1							
16	2	129052-79270	HOLDER, BRUSH	1							
17	2	119620-79290	SCREW	6							
18	2	119620-79300	SCREW	1							
19	2	119620-79310	BOLT	3							
20	2	119620-79320	SCREW	2							
21	2	119620-79330	BOLT	2							
22	2	119620-79340	BUSH, INSULATION	1							
23	2	119620-79350	NUT	2							
24	2	119620-77490	COLLAR	1							
25	2	119620-79360	WASHER, THRUST	1							
26	2	129240-77710	REGULATOR ASSY	1							
27	2	129240-79300	COVER	1							
28	1	26306-100002	NUT, M10	1							
29	1	129795-01900	BOLT, STUD M10X33	1							
30	1	26014-080252	BOLT, M8X 25	1							
31	1	26106-080552	BOLT, M8X 55 PLATED	1							
32	1	121236-77340	SPACER	1							
33	1	119624-77351	BLOCK ASSY, ADJUSTER	1							
35	2	26106-081004	BOLT, M8X100 PLATED	1							
35A	2	26306-080002	NUT, M8	1							W
(A=FROM 1ST.)											
36	1	119643-66900	DIODE	1							
37	1	119802-77200	RELAY, SAFETY	1							
38	1	119650-77910	RELAY ASSY, GLOW	1							
41	1	128300-77920	TIMER	1							
42	1	129211-77920	TIMER	1							

Fig.17. GASKET SET



Remarks
(1) OPTIONAL PARTS.

(A)=4TNV94L-PIKA1
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729906-92750	GASKET SET	1							1
1-1	1	729906-92751	GASKET SET	1						N	1
(A=E26977)											
1-2	1	129932-92650	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	124950-11340	SEAL, VALVE STEM	8							
12-1	2	119803-11340	SEAL, VALVE STEM	8						N	
(A=E26977)											
13	2	129900-32030	O-RING, P20	2							
14	2	129900-32040	O-RING, P14	1							
15	2	124465-44950	GASKET, 16	1							
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	129150-49360	GASKET	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	22190-220002	WASHER, SEAL 22	1							
30	1	129400-92440	HONE, FLEX	1							1
31	1	977770-1207F	GASKET, LIQUID	1							1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
105025-59750	14	7
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	27
119000-35140	9	3
119005-12571	5	10
119005-35151	9	4
119130-44740	10	16
119130-44760	10	45
119131-18320	6	6
119131-77550	15	18
119225-52102	14	21
119233-77932	12	130
119305-59120	13	27
119593-11301	4	28
119620-01750	3	14
119620-11180	4	17
119620-77380	16	4
119620-77421	16	7
119620-77440	16	12
119620-77461	16	13
119620-77471	16	14
119620-77490	16	24
119620-79200	16	8
119620-79210	16	9
119620-79220	16	10
119620-79230	16	11
119620-79250	16	6
119620-79260	16	15
119620-79290	16	17
119620-79300	16	18
119620-79310	16	19
119620-79320	16	20
119620-79330	16	21
119620-79340	16	22
119620-79350	16	23
119620-79360	16	25
119624-77351	16	33
119625-11880	4	26
	17	7
119640-01640	3	9
119640-61400	4	61
119643-66900	16	36
119650-77910	16	38
119660-61901	12	63
119802-11870	4	69

Parts No.	Fig. No.	Ref. No.
119802-11870	17	6
119802-51590	11	58
119802-51600	11	59
119802-51680	11	63
119802-51690	11	64
119802-55700	14	22
119802-55710	14	23
119802-77200	16	37
119803-11340	4	19 -1
	17	12 -1
119807-61420	12	27
119808-12540	5	13
120130-22301	8	23
121236-77340	16	32
121252-39450	9	12
121254-77810	15	25
121256-44600	10	47
121450-42450	10	34
121450-44531	10	50
121470-44581	10	52
121520-34810	9	2
121750-59890	14	20
121850-21130	8	11
121850-21290	8	5
121850-21680	8	10
121850-21920	8	6
121850-49540	10	20
	17	19
121850-49550	10	21
	17	17
121850-49810	10	23
121850-77021	5	5
	17	18
122780-59100	13	26
123900-13610	6	4
123900-13630	6	3
123900-25060	7	10
123900-77510	15	14
123900-77520	15	15
123900-77540	15	17
123907-03100	4	54
123907-03110	4	55
123907-03120	4	56
123907-03140	4	57
123907-11280	4	33
123907-11550	4	3
123907-11601	13	25
123907-11820	4	10
123907-11830	4	23
123907-39500	9	15

Parts No.	Fig. No.	Ref. No.
123907-59540	14	13
123907-59550	14	14
	17	3
123907-59560	14	18
124160-01751	2	35
	4	49
124160-11340	4	18
	17	5
124160-11360	4	64
124240-01871	2	43
124240-01883	2	44
	17	27
124411-01780	3	7
124450-44550	10	46
124450-44560	10	51
124465-44950	10	36
	17	15
124722-59050	10	41
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	14	16
124766-59050	14	5
	9	9
124950-11340	4	19
	17	12
126501-79240	16	5
126650-12680	5	14
128300-77920	16	41
129001-91810	2	24
	25	25
129004-55611	14	1
129004-55612	14	1 -1
129005-59830	9	17
129052-79270	16	16
129062-12560	5	11
129100-01580	2	5
	3	1
129100-55690	14	24
129150-02450	7	4
129150-11230	4	36
	40	40
129150-11750	4	22
	37	37
	41	41
129150-14200	7	1
129150-25920	7	14
129150-49360	10	37
	17	21
129150-59131	13	30
	34	34
129155-51280	12	6

Parts No.	Fig. No.	Ref. No.
129155-61460	12	32
129211-77920	16	42
129240-77200	16	2
129240-77710	16	26
129240-79300	16	27
129240-79310	16	3
129255-61410	12	26
129400-92440	17	30
129457-59010	14	4
129486-59551	14	15
129550-59120	13	31
129795-01900	16	29
129900-01200	1	31
129900-01250	1	5
129900-01740	2	6
129900-01850	2	39
129900-01870	2	40
129900-02020	1	7
129900-02340	1	34
129900-02341	1	34 -1
129900-02410	1	10
129900-02930	1	28
129900-02931	1	28 -1
129900-02940	1	37
129900-02941	1	37 -1
129900-12530	5	12
129900-13251	6	2
	17	10
129900-14100	7	7
129900-21200	8	4
129900-21600	8	15
129900-23001	8	25
129900-23200	8	30
129900-23600	8	31
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129900-23610	8	33
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