

0CD10-M80501EN

PREFACE

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

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2. Model name

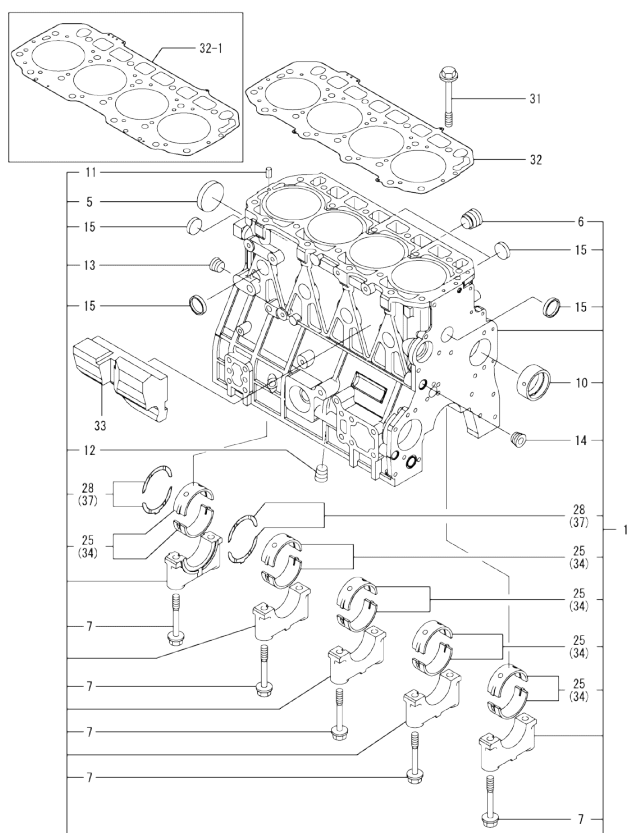
Engine model	Vehicle		Vehicle made by
	Products	Model name	
4TNV94L-PIK	Excavator	65VX	KATO WORKS CO.,LTD.
4TNV94L-PIKA		55N2	

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Fig.1. CYLINDER BLOCK



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

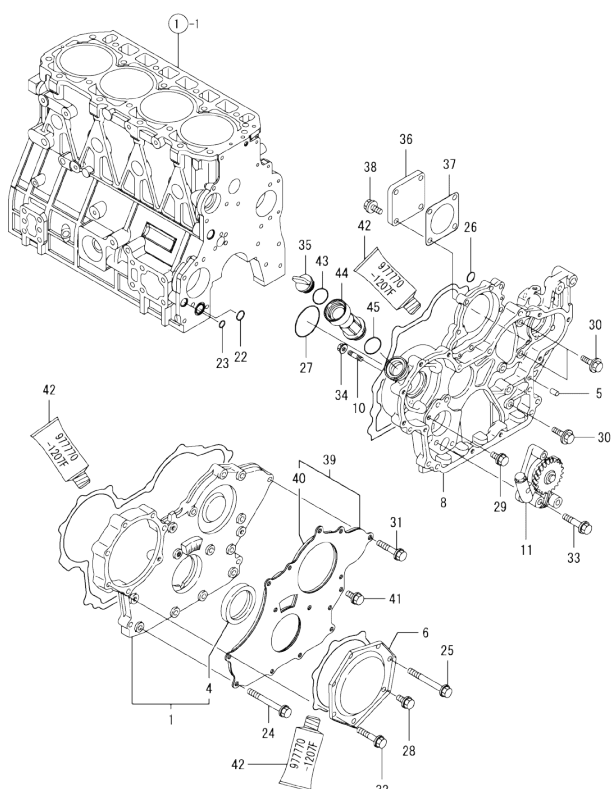
(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729906-01560	BLOCK ASSY, CYLINDER	1	1						
5	2	129900-01250	PLUG, 55	1	1						
6	2	171051-01921	PLUG, NPTF1	1	1						
7	2	129900-02020	BOLT, METAL CAP	10	10						
10	2	129900-02410	BUSH, CAMSHAFT	1	1						
11	2	22351-060012	PIN, SPRING 6.0X12	2	2						
12	2	23876-030000	PLUG, R03	1	1						
13	2	23876-030000	PLUG, R03	1	1						
14	2	23876-030000	PLUG, R03	1	1						
15	2	27241-300000	PLUG 30	8	8						
25	2	729900-02800	BEARING, MAIN	5	5						3
25-1	2	729900-02801	BEARING, MAIN	5	5						N 3
		(A=E25091)	(B=E25093)								
28	2	129900-02930	BEARING, THRUST	2	2						
28-1	2	129900-02931	BEARING, THRUST	2	2						N
		(A=E25091)	(B=E25093)								
31	1	129900-01200	BOLT, HEAD	18	18						
32	1	129906-01340	GASKET, HEAD	1	1						
32-1	1	129906-01350	GASKET, HEAD	1	1						S
		(A="2009.12)	(B="2009.12)								
33	1	129907-01190	SPACER	1	1						
34	1	129900-02340	BEARING, 0.25 US	5	5						1
34-1	1	129900-02341	BEARING, 0.25 US	5	5						N 1
		(A=E25091)	(B=E25093)								
37	1	129900-02940	BEARING, THRUST 0.25	2	2						2
37-1	1	129900-02941	BEARING, THRUST 0.25	2	2						N 2
		(A=E25091)	(B=E25093)								

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.2. GEAR HOUSING

Remarks
(1) OPTIONAL PART.

(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(C)=

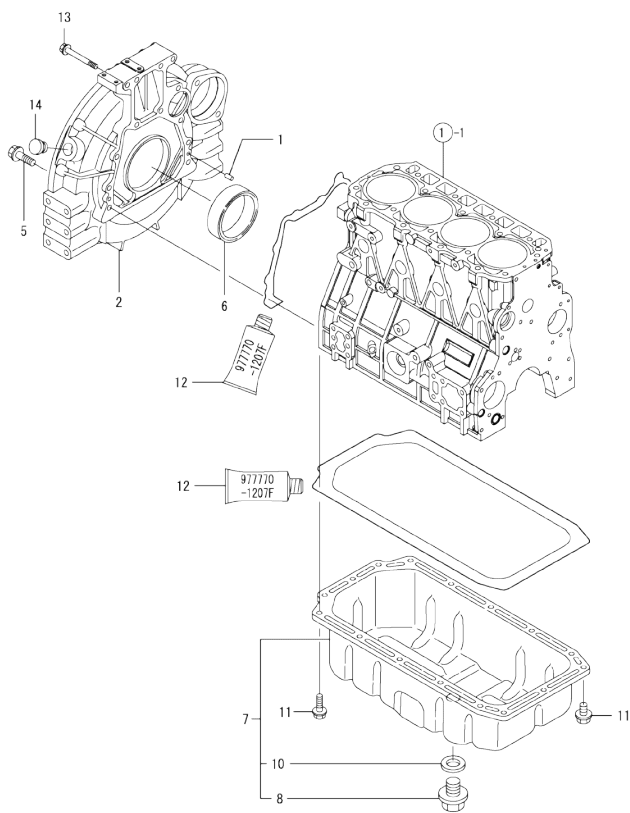
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729907-01550	COVER ASSY,GEAR CASE	1	1						
4	2	129900-01780	SEAL, OIL	1	1						
5	1	129100-01580	PIN, M8X16	4	4						
6	1	129900-01740	COVER	1	1						
8	1	129907-01500	CASE, GEAR	1	1						
10	1	26216-100302	STUD, M10X 30	4	4						
11	1	129900-32001	PUMP ASSY, OIL	1	1						
22	1	129900-32030	O-RING, P20	1	1						
23	1	129900-32040	O-RING, P14	1	1						
24	1	129001-91810	BOLT, M8X70	6	6						
25	1	129001-91810	BOLT, M8X70	1	1						
26	1	24311-000070	O-RING, 1AP7.0	1	1						
27	1	24351-030750	O-RING, 1A3075	1	1						
28	1	26106-080162	BOLT, M8X 16 PLATED	1	1						
29	1	26106-080162	BOLT, M8X 16 PLATED	1	1						
30	1	26106-080202	BOLT, M8X 20 PLATED	3	3						
31	1	26106-080402	BOLT, M8X 40 PLATED	5	5						
32	1	26106-080402	BOLT, M8X 40 PLATED	5	5						
33	1	26106-080452	BOLT, M8X 45 PLATED	3	3						
34	1	26306-100002	NUT, M10	4	4						
35	1	124160-01751	COVER, FILLER	1	1						
36	1	124240-01871	COVER	1	1						
37	1	124240-01883	GASKET	1	1						
38	1	26106-080162	BOLT, M8X 16 PLATED	4	4						
39	1	129900-01850	COVER ASSY,GEAR CASE	1	1						
40	2	129900-01870	SPONGE	1	1						
41	1	26106-080162	BOLT, M8X 16 PLATED	3	3						
42	1	977770-1207F	GASKET,LIQUID	1	1						1
43	1	24311-000320	O-RING, 1AP32.0	1	1						
44	1	171031-11741	PIPE	1	1						
45	1	24311-000320	O-RING, 1AP32.0	1	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

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Fig.3. FLYWHEEL HOUSING & OIL SUMP



Remarks
(1) OPTIONAL PART.

0CD10-M80501 Fig.3

(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(C)=

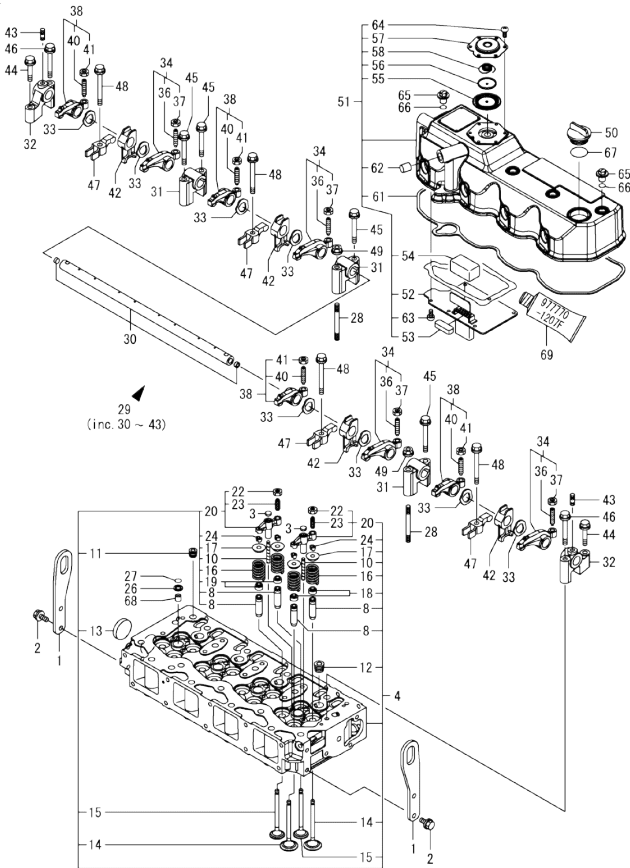
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2	2						
2	1	129953-01620	HOUSING, FLYWHEEL	1	1						
5	1	26206-100352	BOLT, M10X 35 PLATED	9	9						
6	1	124411-01780	SEAL, HTC95X115X12	1	1						
7	1	129916-01710	SUMP ASSY, OIL	1	1						
8	2	119640-01640	PLUG, DRAIN M22	1	1						
10	2	22190-220002	WASHER, SEAL 22	1	1						
11	1	26106-080122	BOLT, M8X 12 PLATED	16	16						
12	1	977770-1207F	GASKET LIQUID	1	1						1
13	1	26206-100702	BOLT, M10X 70 PLATED	4	4						
14	1	119620-01750	CAP	1	1						W
(A=E24174) (B=E23040)											

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) REPAIR PART.
(2) OPTIONAL PART.

OCD10-M80501 Fig.4

(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(C)=

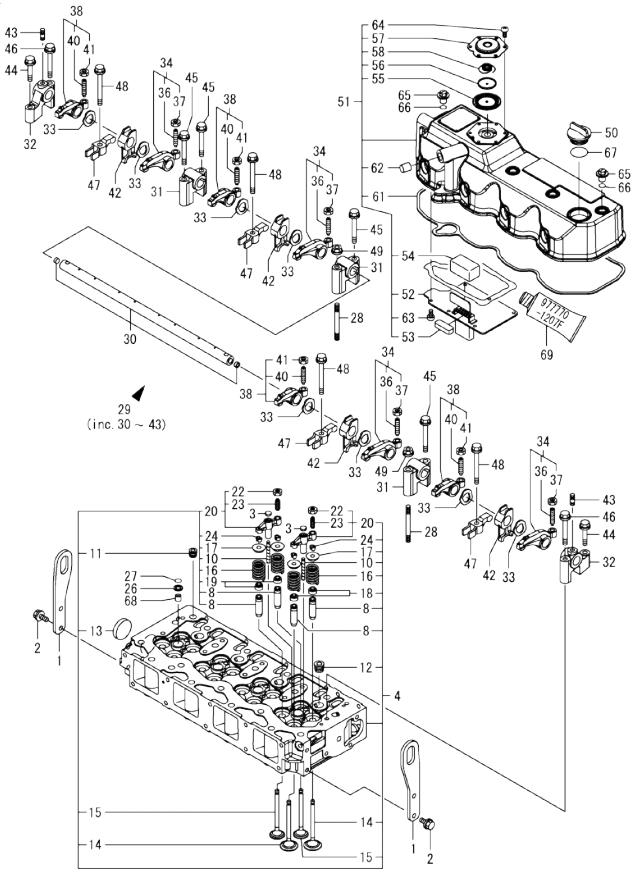
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129907-07900	LIFTER	2	2						
2	1	26106-080162	BOLT, M8X 16 PLATED	4	4						
3	1	123907-11550	SEAT, VALVE BRIDGE	8	8						
4	1	129907-11700	HEAD ASSY, CYLINDER	1	1						1
8	2	129907-11800	GUIDE, VALVE	16	16						
10	2	123907-11820	GUIDE	8	8						
11	2	23876-020000	PLUG, R02	1	1						
12	2	23876-030000	PLUG, R03	4	4						
13	2	27241-400000	PLUG, 40	1	1						
14	2	129907-11100	VALVE, INTAKE	8	8						
15	2	129907-11110	VALVE, EXHAUST	8	8						
16	2	129907-11120	SPRING, VALVE	16	16						
17	2	119620-11180	RETAINER, SPRING	16	16						
18	2	124160-11340	SEAL, VALVE STEM	8	8						
19	2	124950-11340	SEAL, VALVE STEM	8	8						
19-1	2	119803-11340	SEAL, VALVE STEM	8	8						N
(A=E27022) (B=E26896)											
20	2	129907-11510	BRIDGE ASSY, VALVE	8	8						
22	3	129150-11750	NUT, M8	8	8						
23	3	123907-11830	ADJUSTER	8	8						
24	2	27310-070001	COTTER, 7	16	16						
26	1	119625-11880	SEAT, NOZZLE	4	4						
27	1	24311-000120	O-RING, 1AP12.0	4	4						
28	1	119593-11301	STUD, M8X80	2	2						
29	1	129907-11341	SHAFT ASSY, ROCKER	1	1						
30	2	129907-11250	SHAFT, ROCKER ARM	1	1						
31	2	129907-11260	SUPPORT, ROCKER ARM	3	3						
32	2	129907-11270	SUPPORT, ROCKER ARM	2	2						
33	2	123907-11280	WASHER	8	8						
34	2	129907-11650	ARM, ROCKER	4	4						
36	3	129150-11230	SCREW, VALVE ADJUST	4	4						
37	3	129150-11750	NUT, M8	4	4						
38	2	129907-11660	ARM, ROCKER	4	4						
40	3	129150-11230	SCREW, VALVE ADJUST	4	4						
41	3	129150-11750	NUT, M8	4	4						
42	2	129907-11920	RETAINER	4	4						
43	2	26226-080222	STUD, M8X 22	2	2						
44	1	26106-080402	BOLT, M8X 40 PLATED	2	2						
45	1	26106-080602	BOLT, M8X 60 PLATED	4	4						
46	1	26106-080602	BOLT, M8X 60 PLATED	2	2						
47	1	129907-11910	RETAINER, NOZZLE	4	4						
48	1	129907-11950	BOLT, M8X75	4	4						
49	1	26306-080002	NUT, M8	2	2						
50	1	124160-01751	COVER, FILLER	1	1						
51	1	129907-11320	BONNET ASSY, HEAD	1	1						
52	2	129907-03010	PLATE	1	1						
53	2	129907-03060	BAFFLE, BREATHER	1	1						
53-1	2	129907-03061	BAFFLE, BREATHER	1	1						N
(A=E06832) (B=E06833)											
54	2	129907-03070	BAFFLE, BREATHER	1	1						
55	2	123907-03100	DIAPHRAGM	1	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) REPAIR PART.
(2) OPTIONAL PART.

OCD10-M80501 Fig.4

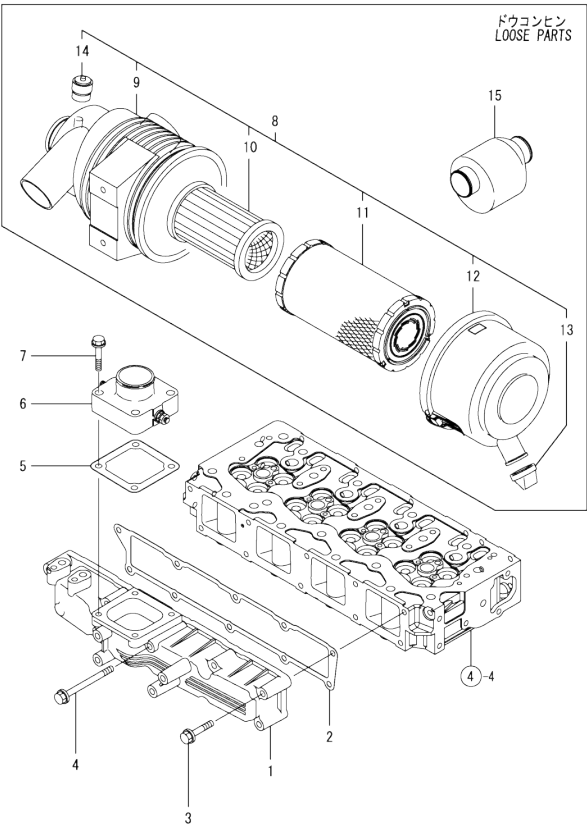
(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
56	2	123907-03110	PLATE	1	1						
57	2	123907-03120	PLATE, BREATHER	1	1						
58	2	123907-03140	SPRING, DIAPHRAGM	1	1						
61	2	129907-11310	GASKET, BONNET	1	1						
62	2	119640-61400	PLUG	1	1						
63	2	22857-500100	SCREW, 5X10	6	6						
64	2	22857-500100	SCREW, 5X10	6	6						
65	1	124160-11360	KNOB	4	4						
66	1	24311-000120	O-RING, 1AP12.0	4	4						
67	1	24311-000320	O-RING, 1AP32.0	1	1						
68	1	119802-11870	PROTECTOR, NOZZLE	4	4						
69	1	977770-1207F	GASKET,LIQUID	1	1						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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Fig.5. SUCTION MANIFOLD & AIR CLEANER



(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(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	1						
2	1	129907-12110	GASKET, MANIFOLD	1	1						
3	1	26106-080552	BOLT, M8X 55 PLATED	9	9						
4	1	26106-080852	BOLT, M8X 85 PLATED	1	1						
5	1	121850-77021	GASKET	1	1						
6	1	129915-77050	HEATER	1	1						
7	1	26106-080352	BOLT, M8X 35 PLATED	4	4						
8	1	129916-12500	CLEANER ASSY, AIR	1	1						
9	2	129916-12510	BODY ASSY	1	1						
10	2	119005-12571	ELEMENT	1	1						
11	2	129062-12560	ELEMENT	1	1						
12	2	129900-12530	COVER ASSY	1	1						
13	2	119808-12540	VALVE, UNLOADER	1	1						
14	2	126650-12680	INDICATOR	1	1						
15	1	119160-12060	SILENCER ASSY	1							

Fig.6. EXHAUST MANIFOLD & SILENCER

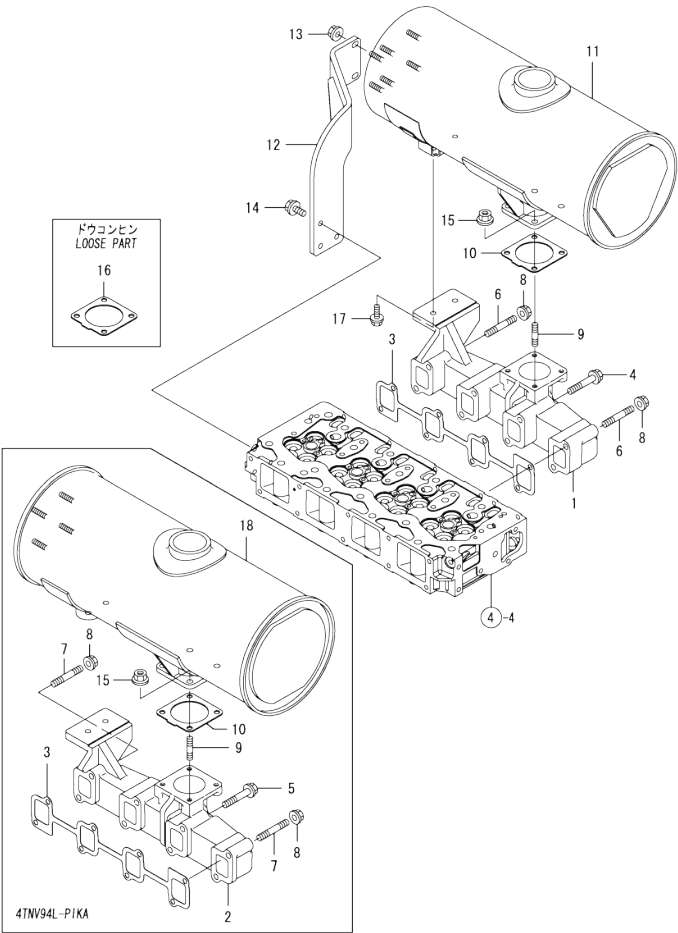
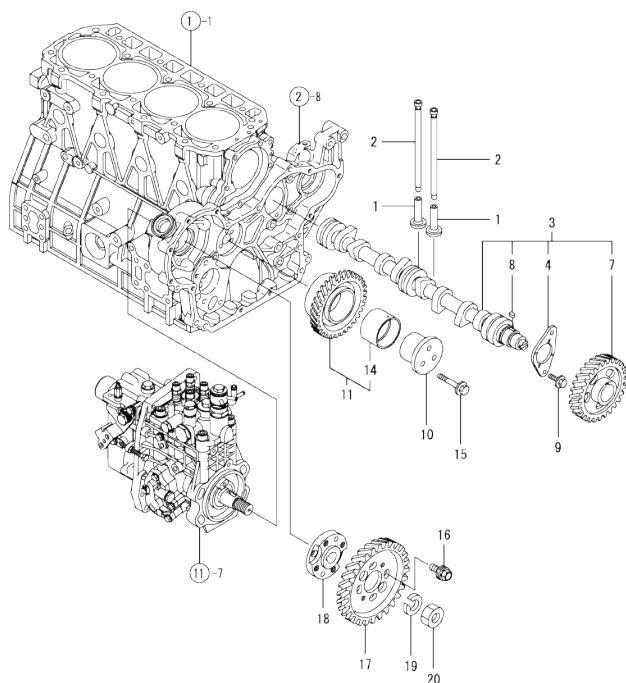


Fig.7. CAMSHAFT & DRIVING GEAR



Remarks
(1) REPAIR PART.

(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(C)=

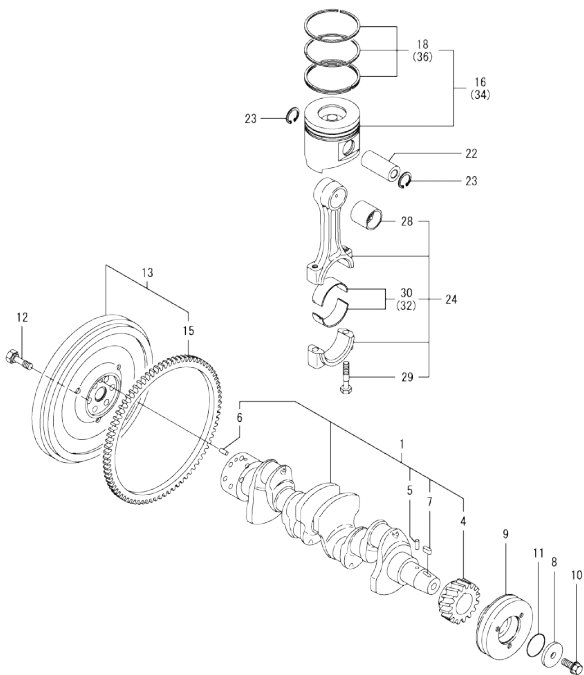
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	8	8						
2	1	129907-14400	ROD, PUSH	8	8						
3	1	129907-14581	CAMSHAFT ASSY	1	1						
3-1	1	129908-14581	CAMSHAFT ASSY	1	1					N	
		(A=EZZZZZ)	(B=EZZZZZ)								
4	2	129150-02450	BEARING, THRUST	1	1						
7	2	129900-14100	GEAR, CAMSHAFT	1	1						
8	2	22512-070140	KEY, 7X 14	1	1						
9	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
10	1	123900-25060	SHAFT, IDLE GEAR	1	1						
11	1	129900-25100	GEAR ASSY, IDLE	1	1						
14	2	129150-25920	BUSH, IDLE GEAR	1	1						1
15	1	26106-080552	BOLT, M8X 55 PLATED	3	3						
16	1	129953-25300	BOLT	4	4						
17	1	123907-25909	GEAR, PUMP	1	1						
17-1	1	129907-25900	GEAR, PUMP	1	1					N	
		(A=E08415)	(B=E07916)								
18	1	158563-51150	FLANGE	1	1						
19	1	22217-180000	WASHER, SPRING 18	1	1						
20	1	26776-180002	NUT, LOCK M18	1	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

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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.16 is interchangeable with a set of Ref. No.16-1 and Fig.1 Ref. No.32-1.

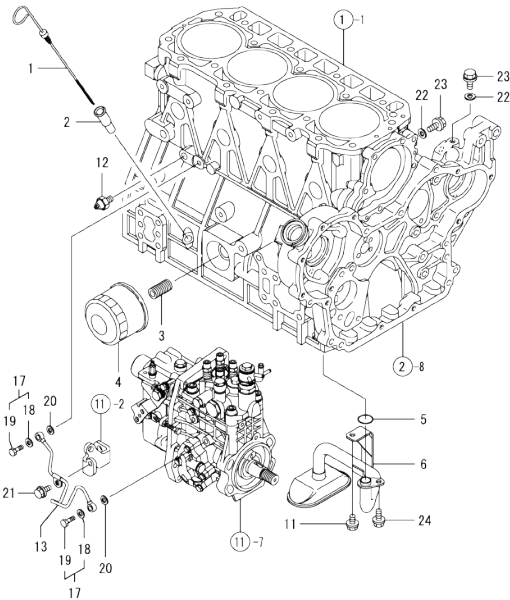
OCD10-M80501 Fig.8

(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(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	1						
4	2	129900-21200	GEAR, CRANKSHAFT	1	1						
5	2	121850-21290	PIN	1	1						
6	2	121850-21920	PIN, M10X22	1	1						
7	2	22512-070140	KEY, 7X 14	1	1						
8	1	129960-21640	WASHER	1	1						
9	1	129907-21650	V-PULLEY, 130	1	1						
10	1	121850-21680	BOLT	1	1						
10-1	1	129916-21610	BOLT	1	1					N	
(A=E27022) (B=E26896)											
11	1	24341-000530	O-RING, 1AS53.0	1	1						
12	1	121850-21130	BOLT, FLYWHEEL	6	6						
13	1	129916-21590	FLYWHEEL ASSY	1	1						
15	2	129900-21600	GEAR, RING	1	1						
16	1	129906-22080	PISTON ASSY	4	4						
16-1	1	129906-22090	PISTON ASSY	4	4					F	4
(A=*2009.12) (B=*2009.12)											
18	2	129906-22050	RING SET, PISTON	4	4						
22	1	120130-22301	PIN, PISTON	4	4						
23	1	22252-000300	RING, 30	8	8						
24	1	129900-23000	ROD ASSY, CONNECTING	4	4						
24-1	1	129900-23001	ROD ASSY, CONNECTING	4	4					N	
(A=E05919) (B=E05409)											
28	2	129900-23910	BEARING, PISTON PIN	4	4						1
28-1	2	129900-23911	BEARING, PISTON PIN	4	4					N	1
(A=E25091) (B=E25093)											
29	2	129900-23200	BOLT, CONNECTING ROD	8	8						
30	2	129900-23600	BEARING, CRANK PIN	4	4						
30-1	2	129900-23601	BEARING, CRANK PIN	4	4					N	
(A=E25091) (B=E25093)											
32	1	129900-23610	BEARING, 0.25 US	4	4						2
32-1	1	129900-23611	BEARING, 0.25 US	4	4					N	2
(A=E25091) (B=E25093)											
34	1	729906-22900	PISTON ASSY, 0.25 OS	4	4						3
34-1	1	129906-22900	PISTON ASSY, 0.25 OS	4	4					R	3
(A=EXXXXX) (B=EXXXXX)											
34-2	1	129906-22910	PISTON ASSY, 0.25 OS	4	4					F	3
(A=*2009.12) (B=*2009.12)											
36	2	729906-22950	RING SET, 0.25 OS	4	4						3
36-1	2	129916-22950	RING SET, 0.25 OS	4	4					R	3
(A=EXXXXX) (B=EXXXXX)											

Fig.9. LUB. OIL SYSTEM



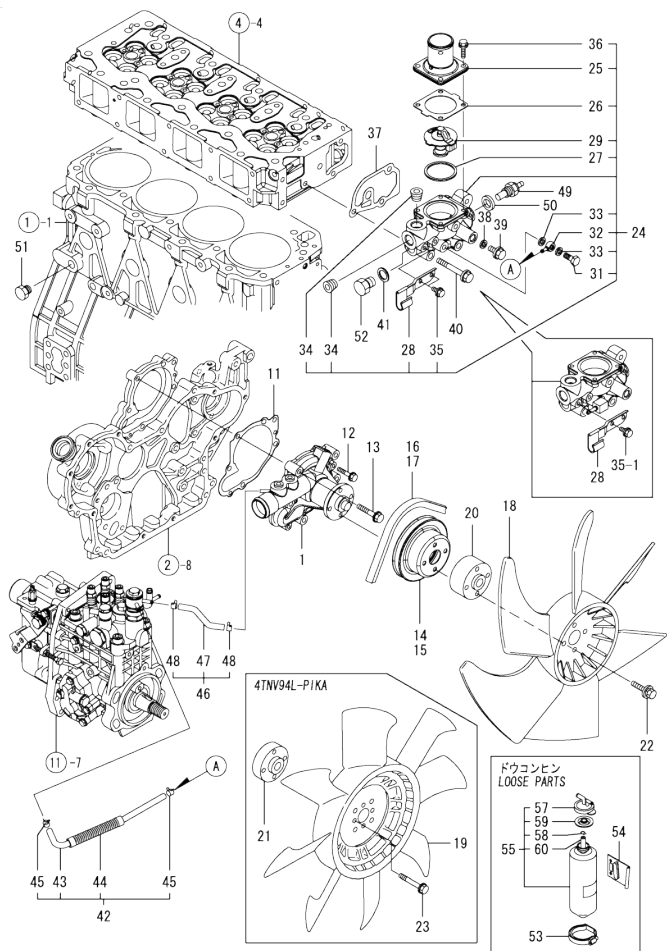
Remarks
(1) REPAIR PART.

(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129953-34830	DIPSTICK, OIL	1	1						
2	1	121520-34810	GUIDE, DIPSTICK	1	1						
3	1	119000-35140	BOLT, FILTER	1	1						
4	1	129150-35153	FILTER 80X80L	1	1						1
5	1	129900-32030	O-RING, P20	1	1						
6	1	129953-35000	PIPE ASSY, OIL INLET	1	1						
11	1	26106-080122	BOLT, M8X 12 PLATED	1	1						
12	1	121252-39450	SWITCH, 0.5KG	1	1						
13	1	129907-39061	PIPE ASSY, OIL	1	1						
17	1	129005-59830	BOLT ASSY, JOINT M8	2	2						
18	2	22190-080002	WASHER, SEAL 6	2	2						
19	2	23857-030000	BOLT, JOINT 3	2	2						
20	1	22190-080002	WASHER, SEAL 6	2	2						
21	1	26106-080122	BOLT, M8X 12 PLATED	1	1						
22	1	22190-080002	WASHER, SEAL 6	2	2						
23	1	26106-080122	BOLT, M8X 12 PLATED	2	2						
24	1	26106-080162	BOLT, M8X 16 PLATED	1	1						

OCD10-M80501 4TNV94L-PIK,PIKA
Fig.10. COOLING WATER SYSTEM



OCD10-M80501 Fig.10

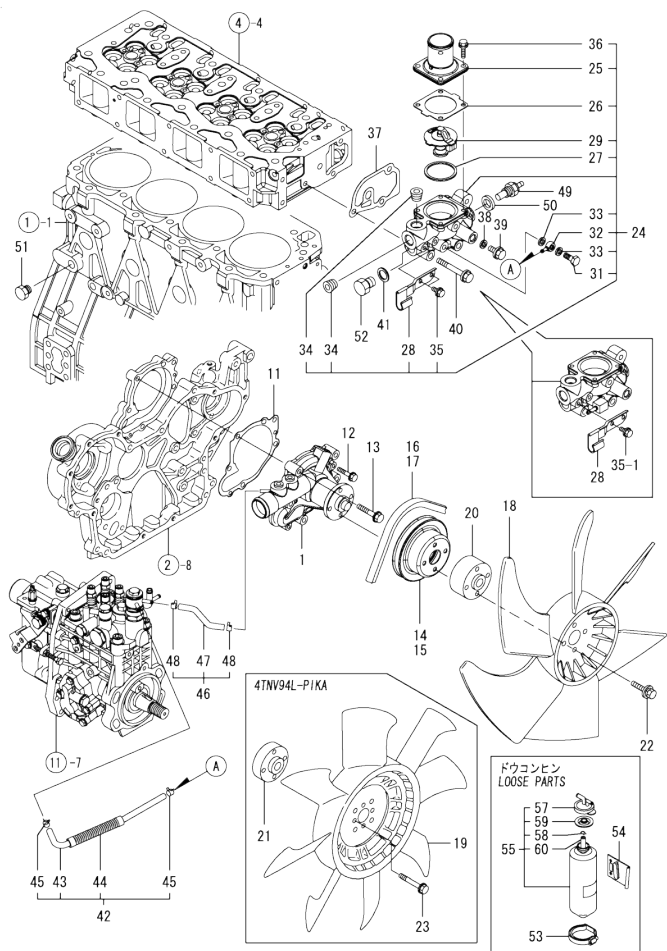
(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(C)=

(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	1						
11	1	129900-42020	GASKET, WATER PUMP	1	1						
12	1	26106-060302	BOLT, M6X 30 PLATED	2	2						
13	1	26106-080552	BOLT, M8X 55 PLATED	5	5						
14	1	129930-42450	V-PULLEY	1							
15	1	129900-42461	V-PULLEY		1						
16	1	25132-004150	V-BELT, A41.5	1							
17	1	25132-004100	V-BELT, A41		1						
18	1	129916-44740	FAN, COOLING D=430	1							
19	1	119130-44740	FAN, COOLING D=410		1						
20	1	119005-44761	SPACER, FAN	1							
21	1	119130-44760	SPACER, FAN		1						
22	1	26106-080452	BOLT, M8X 45 PLATED	4							
23	1	26106-080302	BOLT, M8X 30 PLATED		4						
24	1	129907-49800	CASE ASSY,THERMOSTAT	1	1						
25	2	129916-49530	COVER, THERMOSTAT	1	1						
26	2	121850-49540	GASKET, THERMOSTAT	1	1						
27	2	121850-49550	GASKET, THERMOSTAT	1	1						
28	2	129907-49730	RETAINER, PIPE	1	1						
29	2	121850-49810	THERMOSTAT, 71	1	1						
31	2	105582-59150	BOLT, PIPE JOINT	1	1						Z
(A=E05919) (B=E05409)											
32	2	23387-040800	JOINT, HOSE 4-8	1	1						Z
(A=E05919) (B=E05409)											
33	2	23414-080000	GASKET, 8X1.0	2	2						Z
(A=E05919) (B=E05409)											
34	2	23875-030000	PLUG, R03	2	2						
35	2	26106-060122	BOLT, M6X 12 PLATED	2	2						K
35-1	2	26106-060122	BOLT, M6X 12 PLATED	1	1						
(A=E05919) (B=E05409)											
36	2	26106-060202	BOLT, M6X 20 PLATED	4	4						
37	1	129900-49870	GASKET	1	1						
38	1	23414-080000	GASKET, 8X1.0	1	1						
39	1	26106-080122	BOLT, M8X 12 PLATED	1	1						
40	1	26106-080602	BOLT, M8X 60 PLATED	3	3						
41	1	124465-44950	GASKET, 16	1	1						
42	1	129907-49610	HOSE ASSY, WATER	1	1						
43	2	129907-49710	PIPE ASSY, WATER	1	1						
44	2	129907-49750	TUBE, CORRUGATED	1	1						
45	2	124722-59050	CLIP, HOSE 9	2	2						
46	1	129907-49620	HOSE ASSY, WATER	1	1						
47	2	129907-49720	PIPE ASSY, WATER	1	1						
48	2	124722-59050	CLIP, HOSE 9	2	2						
49	1	171056-49351	SENSOR	1	1						
50	1	129150-49360	GASKET	1	1						
51	1	171056-49120	PLUG, DRAIN	1	1						
52	1	121450-42450	PLUG, M16	1	1						
53	1	124450-44550	BAND	1	1						
54	1	121256-44600	BRACKET, SUB TANK	1	1						
55	1	171064-44510	TANK ASSY, SUB	1	1						
57	2	121450-44531	CAP	1	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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OCD10-M80501 4TNV94L-PIK,PIKA
Fig.10. COOLING WATER SYSTEM



OCD10-M80501 Fig.10

(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(C)=

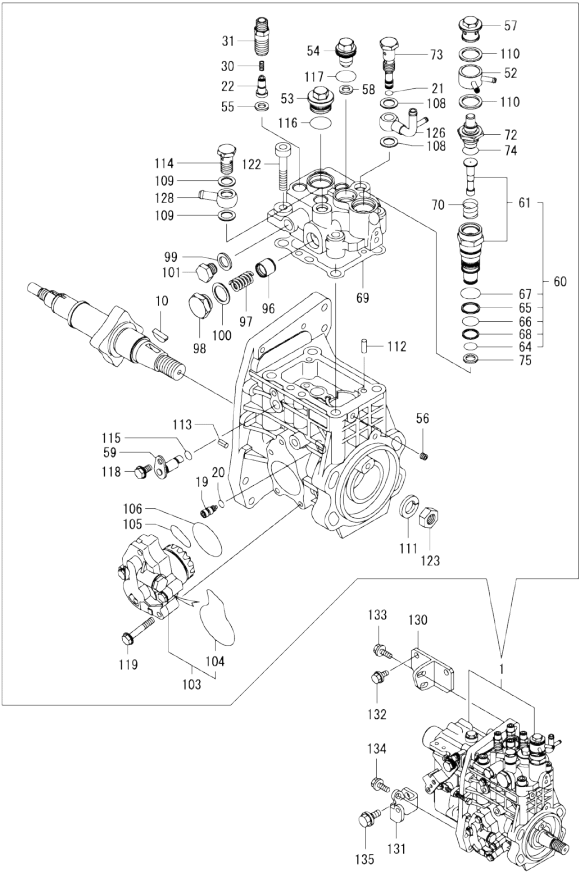
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
58	2	124450-44560	RETAINER	1	1						
59	2	121470-44581	GASKET	1	1						
60	2	23065-070225	HOSE 7X 225	1	1						

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{HIS}{YES}$ New, R:Old $\frac{YES}{YES}$ New, S:Old $\frac{HIS}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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OCD10-M80501 4TNV94L-PIK,PIKA

Fig.11. FUEL INJECTION PUMP



Remarks
(1) REFER TO FIG.18 & 19 FOR INNER PARTS.

OCD10-M80501 Fig.11

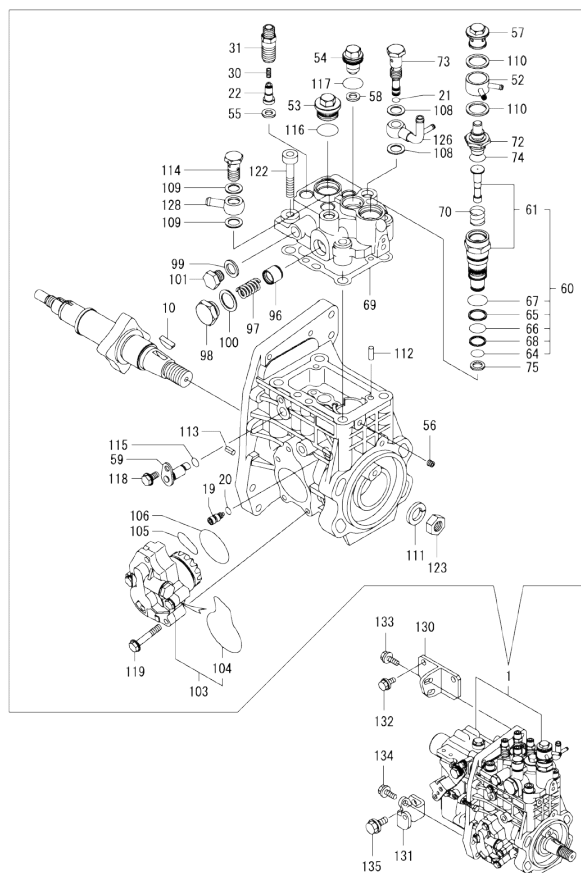
(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(C)=

(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						1
10	2	144626-51090	KEY, 5X19	1	1						
19	2	158600-51270	STOPPER, TAPPET	1	1						
20	2	158563-51281	O-RING, 4D S6	1	1						
21	2	158563-51281	O-RING, 4D S6	1	1						
22	2	158560-51300	VALVE ASSY, DELIVERY	4	4						
30	2	158563-51330	SPRING, DELIVERY	4	4						
31	2	129907-51340	HOLDER, DELIVERY	4	4						
52	2	158553-51551	JOINT	1	1						
53	2	158601-51550	PLUG	1	1						
54	2	129907-51560	PLUG, BARREL	1	1						
55	2	158552-51570	GASKET	4	4						
56	2	158557-51570	PLUG	1	1						
57	2	158601-51570	PLUG	1	1						
58	2	129906-51580	GASKET	1	1						
59	2	158552-51580	LIFTER	1	1						
60	2	119802-51590	TIMER SET	1	1						
61	3	119802-51600	TIMER ASSY	1	1						
64	3	158553-51670	O-RING, 1011	1	1						
65	3	119802-51680	RING, BACK UP	1	1						
66	3	119802-51690	O-RING	1	1						
67	3	24356-010200	O-RING, 4D1020	1	1						
68	3	24372-000150	RING, BACK UP T2P15	1	1						
69	2	158560-51600	GASKET	1	1						
70	2	158553-51630	SPRING, TIMER	1	1						
72	2	158553-51640	ELEMENT	1	1						
73	2	158601-51650	JOINT, OVER FLOW	1	1						
74	2	158553-51660	O-RING, P14	1	1						
75	2	158553-51680	GASKET	1	1						
96	2	158601-51770	PISTON	1	1						
97	2	158552-51781	SPRING	1	1						
98	2	158601-51790	PLUG	1	1						
99	2	22190-120002	WASHER, SEAL 12	1	1						
100	2	22190-180002	WASHER, SEAL 18	1	1						
101	2	23887-120002	PLUG, 12	1	1						
103	2	158552-52100	PUMP ASSY, FUEL FEED	1	1						
104	3	158552-52500	O-RING	1	1						
105	2	158552-52310	O-RING	1	1						
106	2	158552-52400	O-RING, 4E S42	1	1						
108	2	22190-120002	WASHER, SEAL 12	2	2						
109	2	22190-120002	WASHER, SEAL 12	2	2						
110	2	22190-180002	WASHER, SEAL 18	2	2						
111	2	22217-180000	WASHER, SPRING 18	1	1						
112	2	22312-050140	PIN, PARALLEL M5X14	2	2						
113	2	22351-050010	PIN, SPRING 5.0X10	2	2						
114	2	23857-060000	BOLT, JOINT 6	1	1						
115	2	24311-000070	O-RING, 1AP7.0	1	1						
116	2	24356-010200	O-RING, 4D1020	1	1						
117	2	24356-020210	O-RING, 4D2021	1	1						
118	2	26106-060102	BOLT, M6X 10 PLATED	1	1						
119	2	26106-060352	BOLT, M6X 35 PLATED	4	4						

N:Old *¹⁰⁰/₁₀₀* New, O:Old *¹⁰⁰/₁₀₀* New, R:Old *¹⁰⁰/₁₀₀* New, S:Old *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) REFER TO FIG.18 & 19 FOR INNER PARTS.

(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(C)=

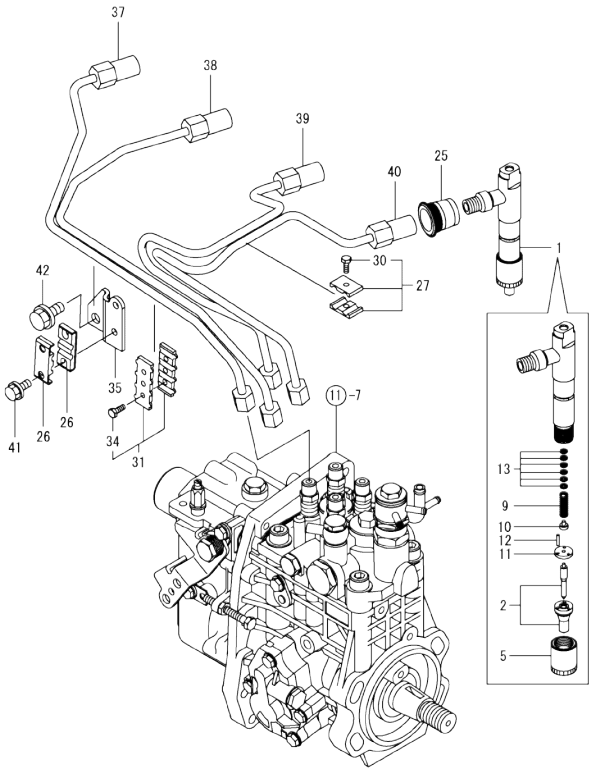
(D)=
(E)=
(F)=

 $Q^{\#}$

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
122	2	26450-100452	BOLT, M10X 45	4	4						
123	2	26776-180002	NUT, LOCK M18	1	1						
126	2	158552-51670	JOINT, OVER FLOW	1	1						
128	2	129916-59020	JOINT, PIPE 12	1	1						
130	1	129907-01950	RETAINER	1	1						
131	1	129907-01960	RETAINER	1	1						
132	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
133	1	26106-080222	BOLT, M8X 22 PLATED	2	2						
134	1	26106-080222	BOLT, M8X 22 PLATED	1	1						
135	1	26106-100202	BOLT, M10X 20 PLATED	1	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

Fig.12. FUEL INJECTION VALVE

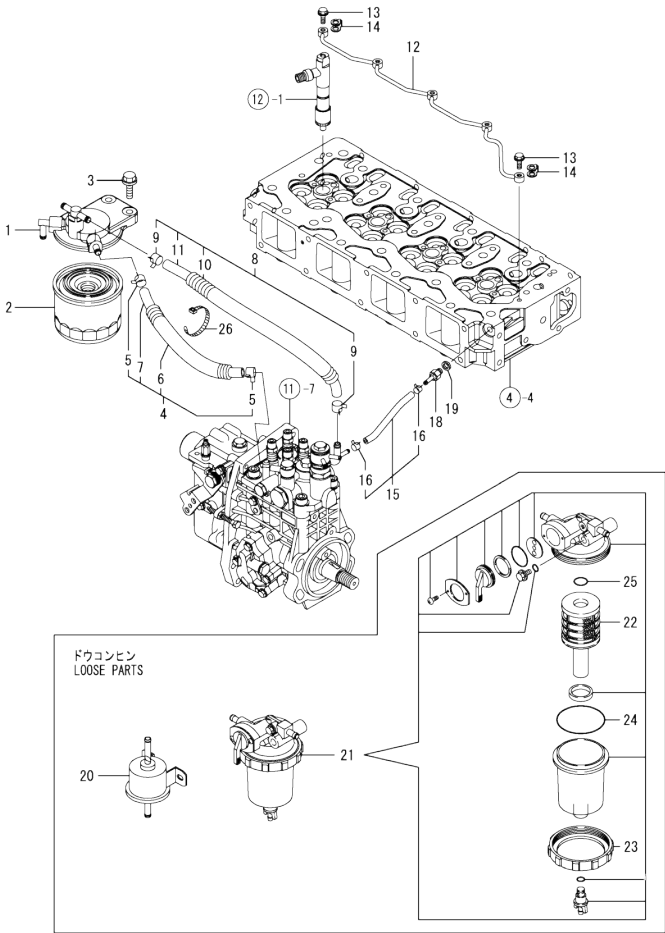


(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729906-53100	VALVE ASSY,INJECTION	4	4						
2	2	129906-53000	VALVE ASSY,INJECTION	4	4						
5	2	114250-53080	NUT, NOZZLE D16.95	4	4						
9	2	114250-53120	SPRING, NOZZLE	4	4						
10	2	114250-53130	SEAT, SPRING	4	4						
11	2	114250-53140	PLATE	4	4						
12	2	114250-53210	PIN	8	8						
13	2	114250-53400	SHIM SET	4	4						
25	1	123907-11601	SEAL	4	4						
26	1	122780-59100	RETAINER	2	2						
27	1	119305-59120	RETAINER, PIPE	1	1						
30	2	129150-59131	BOLT, M4X14	1	1						
31	1	129550-59120	RETAINER, PIPE	1	1						
34	2	129150-59131	BOLT, M4X14	2	2						
35	1	129907-59710	SUPPORT	1	1						
37	1	129907-59810	PIPE ASSY, INJECTION	1	1						
38	1	129907-59820	PIPE ASSY, INJECTION	1	1						
39	1	129907-59830	PIPE ASSY, INJECTION	1	1						
40	1	129907-59840	PIPE ASSY, INJECTION	1	1						
41	1	26106-060162	BOLT, M6X 16 PLATED	2	2						
42	1	26106-080182	BOLT, M8X 18 PLATED	1	1						

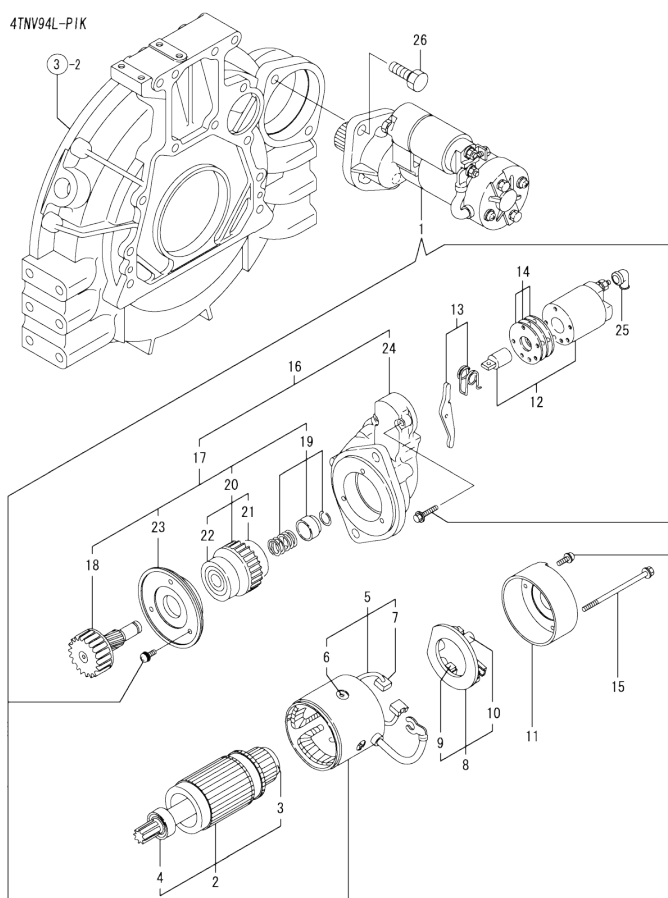
Fig.13. FUEL LINE



(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(C)=

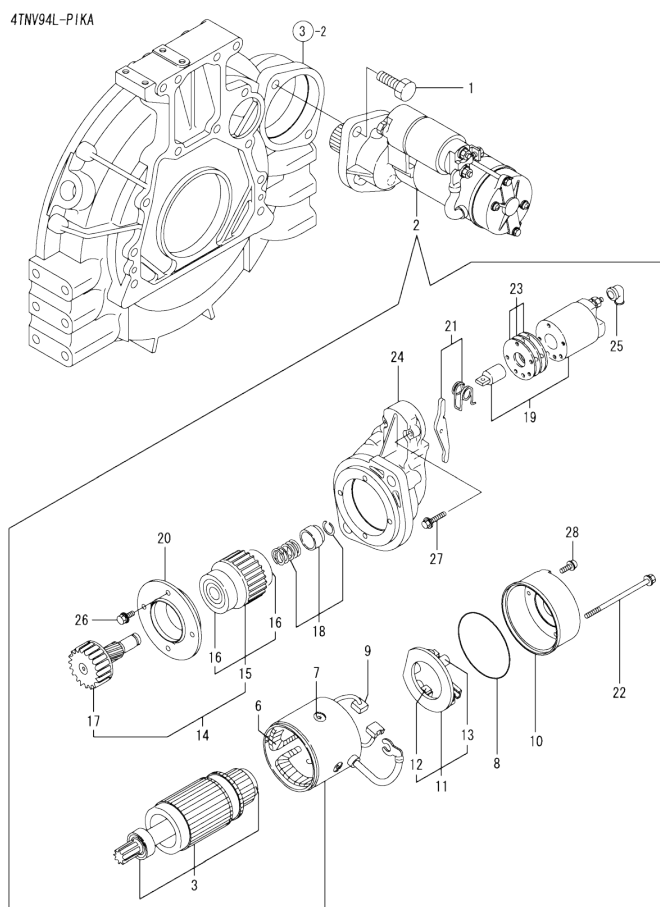
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-55610	BRACKET, FILTER	1	1						
1-1	1	129004-55611	BRACKET, FILTER	1	1						R
(A=E10449) (B=E10875)											
1-2	1	129004-55612	BRACKET, FILTER	1	1						R
(A=E24174) (B=E23040)											
2	1	119802-55800	FILTER, FUEL	1	1						
2-1	1	119802-55801	FILTER, FUEL	1	1						R
(A=E25091) (B=E25093)											
3	1	26106-080302	BOLT, M8X 30 PLATED	2	2						
4	1	129457-59010	PIPE ASSY, FUEL	1	1						
5	2	124766-59050	CLIP, HOSE 12	2	2						
6	2	129957-59120	TUBE, CORRUGATED	1	1						
7	2	105025-59750	PIPE, FUEL	1	1						
8	1	129981-59010	PIPE ASSY, FUEL	1	1						
9	2	124766-59050	CLIP, HOSE 12	2	2						
10	2	129950-59221	TUBE, CORRUGATED	1	1						
11	2	129980-59510	PIPE, FUEL	1	1						
12	1	129907-59140	PIPE ASSY, RETURN	1	1						
13	1	123907-59540	BOLT, PIPE JOINT M6	5	5						
14	1	123907-59550	GASKET	5	5						
15	1	129486-59551	PIPE ASSY, RETURN	1	1						
16	2	124722-59050	CLIP, HOSE 9	2	2						
18	1	123907-59560	JOINT	1	1						
19	1	22190-080002	WASHER, SEAL 6	1	1						
20	1	119225-52102	PUMP ASSY, FUEL FEED	1	1						
21	1	119802-55700	SEPARATOR ASSY	1	1						
22	2	119802-55710	ELEMENT	1	1						
23	2	129100-55690	RING, RETAINING	1	1						
24	2	24321-000650	O-RING, 1AG65.0	1	1						
25	2	24311-000160	O-RING, 1AP16.0	1	1						
26	1	121750-59890	BAND, 140	1	1						



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129900-77010	STARTER(2.3KW	1							
2	2	129900-77400	ARMATURE ASSY	1							
3	3	X2114155110	BEARING, BALL	1							
4	3	X2114255110	BEARING, BALL	1							
5	2	129900-77440	COIL ASSY, FIELD	1							
6	3	171008-77450	SCREW	4							
7	3	129900-77450	BRUSH (+)	2							
8	2	129900-77480	HOLDER ASSY, BRASH	1							
9	3	129900-77450	BRUSH (+)	2							
10	3	X2130631300	SPRING, BRUSH	4							
11	2	129900-77460	COVER, REAR	1							
12	2	129900-77591	SWITCH ASSY,MAGNETIC	1							
13	2	129900-77620	SHIFT LEVER SET	1							
14	2	129900-77650	COVER ASSY, DUST	1							
15	2	129900-77640	BOLT, THROUGH	2							
16	2	129900-77700	GEAR CASE ASY	1							
17	3	129900-77510	PINION ASSY	1							
18	4	129900-77540	SHAFT, PINION	1							
19	4	129900-77550	STOPPER SET	1							
20	4	129900-77520	CLUTCH ASSY	1							
21	4	171008-77730	BALL BEARING (3)	1							
22	4	171008-77740	BALL BEARING (4)	1							
23	4	129900-77610	RETAINER, BEARING	1							
24	3	129900-77710	HOUSING, GEARS	1							
25	2	171008-77750	COVER, M TERMINAL	1							
26	1	26116-120302	BOLT, M12X 30 PLATED	2							

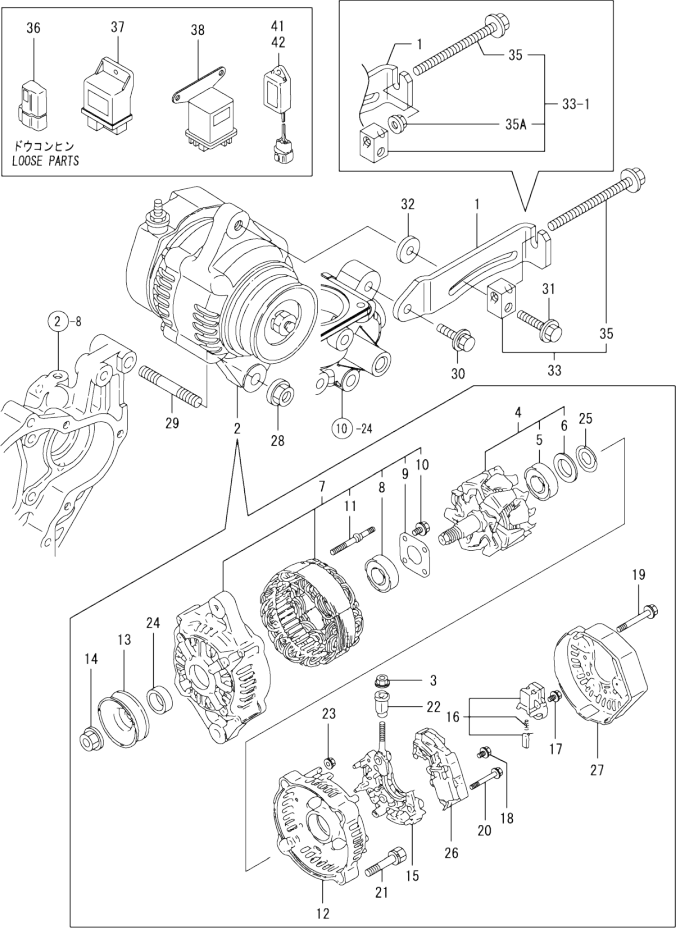
N:Old ^{YES}/_{NO} New. Q:Old ^{NO}/_{YES} New. R:Old ^{YES}/_{YES} New. S:Old ^{NO}/_{NO} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	26116-120302	BOLT, M12X 30 PLATED		2						
2	1	129940-77010	STARTER 12V,3KW		1						
3	2	129940-77100	ARMATURE ASSY		1						
6	2	129940-77130	COIL ASSY, FIELD		1						
7	2	129940-77140	SCREW, POLE CORE SET		4						
8	2	129940-77150	O-RING		1						
9	2	129940-77160	BRUSH (+)		2						
10	2	129940-77170	COVER, REAR		1						
11	2	129940-77180	HOLDER, BRUSH		1						
12	3	129940-77200	BRUSH (-)		2						
13	3	129940-77190	SPRING, BRUSH		1						
14	2	123900-77510	PINION ASSY		1						
15	3	123900-77520	CLUTCH ASSY		1						
16	4	X2240610100	BALL BEARING (3		2						
17	3	123900-77540	SHAFT, PINION		1						
18	2	119131-77550	STOPPER KIT, PINION		1						
19	2	129940-77210	SWITCH ASSY,MAGNETIC		1						
20	2	129940-77230	RETAINER, BEARING		1						
21	2	129940-77240	SHIFT LEVER SET		1						
22	2	129940-77260	THROUGHT BOLT		2						
23	2	129940-77250	COVER ASSY, DUST		1						
24	2	129940-77220	HOUSING, GEARS		1						
25	2	121254-77810	COVER, TERMINAL		1						
26	2	129940-77270	BOLT M6X 20		4						
27	2	114371-79070	BOLT M 6X 37		2						
28	2	129940-77280	SCREW M4X 10		2						

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

Fig.16. GENERATOR

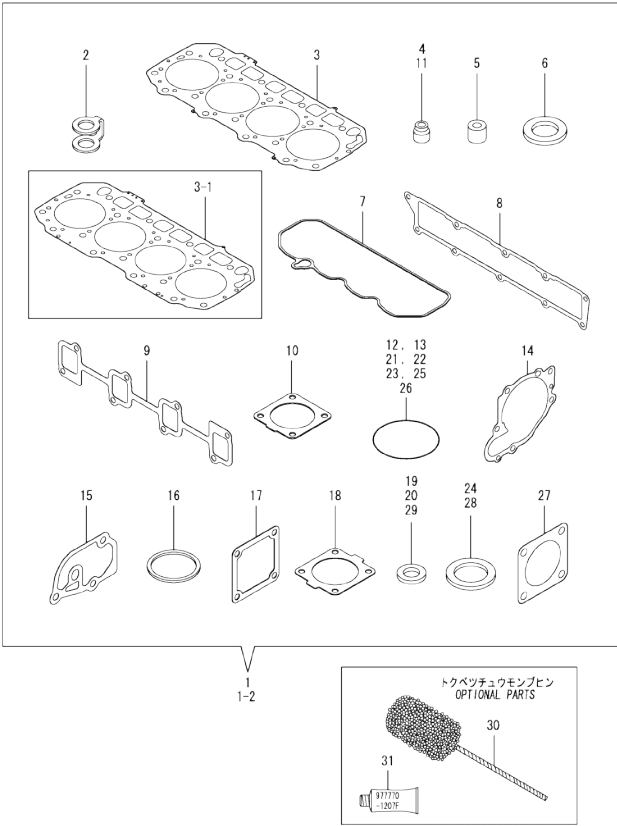


(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129906-77300	ADJUSTER	1	1						
2	1	129240-77200	ALTERNATOR	1	1						
3	2	129240-79310	NUT	1	1						
4	2	119620-77380	ROTOR ASSY	1	1						
5	3	126501-79240	BALL BEARING	1	1						
5-1	3	123501-79240	BEARING, BALL	1	1					N	
(A=E06832) (B=E06833)											
6	3	119620-79250	COVER, BEARING	1	1						
7	2	119620-77421	FRAME ASSY, DRIVE	1	1						
8	3	119620-79200	BALL BEARING	1	1						
9	3	119620-79210	PLATE	1	1						
10	3	119620-79220	SCREW	4	4						
11	3	119620-79230	BOLT, STUD	2	2						
12	2	119620-77440	FLAME ASSY, REAR	1	1						
13	2	119620-77461	PULLEY	1	1						
14	2	119620-77471	NUT	1	1						
15	2	119620-79260	HOLDER	1	1						
16	2	129052-79270	HOLDER, BRUSH	1	1						
17	2	119620-79290	SCREW	6	6						
18	2	119620-79300	SCREW	1	1						
19	2	119620-79310	BOLT	3	3						
20	2	119620-79320	SCREW W/WASHER	2	2						
21	2	119620-79330	BOLT	2	2						
22	2	119620-79340	INSULATION BUSH	1	1						
23	2	119620-79350	NUT	2	2						
24	2	119620-77490	COLLAR	1	1						
25	2	119620-79360	WASHER, THRUST	1	1						
26	2	129240-77710	REGULATOR ASSY	1	1						
27	2	129240-79300	COVER	1	1						
28	1	26306-100002	NUT, M10	1	1						
29	1	129795-01900	STUD	1	1						
30	1	26014-080252	BOLT, M8X 25	1	1						
31	1	26106-080452	BOLT, M8X 45 PLATED	1	1						
31-1	1	26106-080552	BOLT, M8X 55 PLATED	1	1					N	
(A=E06726) (B=E05698)											
32	1	121236-77340	SPACER	1	1						
33	1	119624-77350	BLOCK, ADJUSTER	1	1						
33-1	1	119624-77351	BLOCK ASSY, ADJUSTER	1	1					N	
(A=E06726) (B=E05698)											
35	2	26106-081004	BOLT, M8X100 PLATED	1	1						
35A	2	26306-080002	NUT, M8	1	1					W	
(A=E06726) (B=E05698)											
36	1	119643-66900	DIODE	1	1						
37	1	119802-77200	RELAY, SAFETY	1	1						
38	1	119650-77910	RELAY ASSY, GLOW	1	1						
41	1	128300-77920	TIMER	1	1						
42	1	129211-77920	TIMER	1	1						

Fig.17. GASKET SET



Remarks
(1) OPTIONAL PARTS.

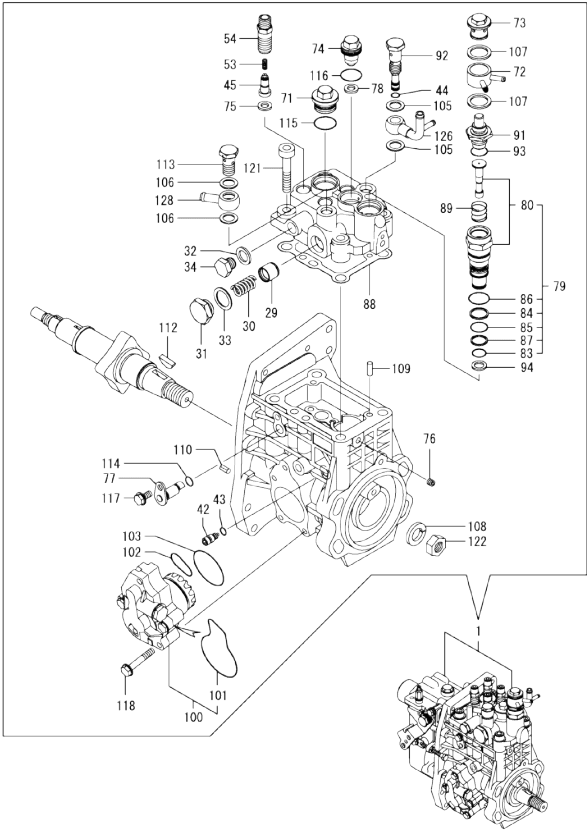
(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729906-92640	GASKET SET	1	1						1
1-1	1	729906-92641	GASKET SET	1	1					N	1
(A=E00000)											
1-2	1	129932-92610	GASKET SET	1	1					S	1
(A="2009.12) (B="2009.12)											
2	2	123907-59550	GASKET	5	5						
3	2	129906-01340	GASKET, HEAD	1	1						
3-1	2	129906-01350	GASKET, HEAD	1	1					S	
(A="2009.12) (B="2009.12)											
4	2	124160-11340	SEAL, VALVE STEM	8	8						
5	2	119802-11870	PROTECTOR, NOZZLE	4	4						
6	2	119625-11880	SEAT, NOZZLE	4	4						
7	2	129907-11310	GASKET, BONNET	1	1						
8	2	129907-12110	GASKET, MANIFOLD	1	1						
9	2	129900-13251	GASKET	1	1						
10	2	129930-13200	GASKET, SILENCER	2	2						
10-1	2	129930-13201	GASKET, SILENCER	2	2					N	
(A=E08415) (B=E07916)											
11	2	124950-11340	SEAL, VALVE STEM	8	8						
11-1	2	119803-11340	SEAL, VALVE STEM	8	8					N	
(A=E27022) (B=E26896)											
12	2	129900-32030	O-RING, P20	2	2						
13	2	129900-32040	O-RING, P14	1	1						
14	2	129900-42020	GASKET, WATER PUMP	1	1						
15	2	129900-49870	GASKET	1	1						
16	2	121850-49550	GASKET, THERMOSTAT	1	1						
17	2	121850-77021	GASKET	1	1						
18	2	121850-49540	GASKET, THERMOSTAT	1	1						
19	2	23414-080000	GASKET, 8X1.0	3	3						
20	2	124465-44950	GASKET, 16	1	1						
21	2	24311-000070	O-RING, 1AP7.0	1	1						
22	2	24311-000120	O-RING, 1AP12.0	8	8						
23	2	24311-000320	O-RING, 1AP32.0	3	3						
24	2	22190-080002	WASHER, SEAL 6	7	7						
25	2	24341-000530	O-RING, 1AS53.0	1	1						
26	2	24351-030750	O-RING, 1A3075	1	1						
27	2	124240-01883	GASKET	1	1						
28	2	22190-220002	WASHER, SEAL 22	1	1						
29	2	129150-49360	GASKET	1	1						
30	1	129400-92440	HONE	1	1						1
31	1	977770-1207F	GASKET, LIQUID	1	1						1

OCD10-M80501 4TNV94L-PIK,PIKA

Fig.18. FUEL INJECTION PUMP(INNER PART



Remarks
(1) GOVERNOR ASSY(FIG.19) IS
INCORPORATED IN THIS FOP.CMP
(REF.NO.1).

OCD10-M80501 Fig.18

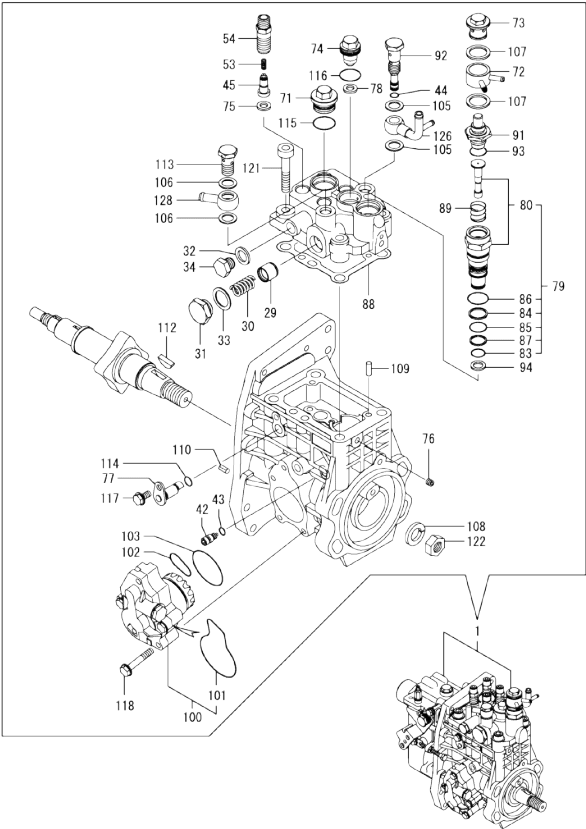
(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(C)=

(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						1
29	2	158601-51770	PISTON	1	1						
30	2	158552-51780	SPRING	1	1						
30-1	2	158552-51781	SPRING	1	1						N
		(A=EXXXXX) (B=EXXXXX)									
31	2	158601-51790	PLUG	1	1						
32	2	22190-120002	WASHER, SEAL 12	1	1						
33	2	22190-180002	WASHER, SEAL 18	1	1						
34	2	23887-120002	PLUG, 12	1	1						
42	2	158600-51270	STOPPER, TAPPET	1	1						
43	2	158563-51281	O-RING, 4D S6	1	1						
44	2	158563-51281	O-RING, 4D S6	1	1						
45	2	158560-51300	VALVE ASSY, DELIVERY	4	4						
53	2	158563-51330	SPRING, DELIVERY	4	4						
54	2	129907-51340	HOLDER, DELIVERY	4	4						
71	2	158601-51550	PLUG	1	1						
72	2	158553-51551	JOINT	1	1						
73	2	158601-51570	PLUG	1	1						
74	2	129907-51560	PLUG, BARREL	1	1						
75	2	158552-51570	GASKET	4	4						
76	2	158557-51570	PLUG	1	1						
77	2	158552-51580	LIFTER	1	1						
78	2	129906-51580	GASKET	1	1						
79	2	119802-51590	TIMER SET	1	1						
80	3	119802-51600	TIMER ASSY	1	1						
83	3	158553-51670	O-RING, 1011	1	1						
84	3	119802-51680	RING, BACK UP	1	1						
85	3	119802-51690	O-RING	1	1						
86	3	24356-010200	O-RING, 4D1020	1	1						
87	3	24372-000150	RING, BACK UP T2P15	1	1						
88	2	158560-51600	GASKET	1	1						
89	2	158553-51630	SPRING, TIMER	1	1						
91	2	158553-51640	ELEMENT	1	1						
92	2	158601-51650	JOINT, OVER FLOW	1	1						
93	2	158553-51660	O-RING, P14	1	1						
94	2	158553-51680	GASKET	1	1						
100	2	158552-52100	PUMP ASSY, FUEL FEED	1	1						
101	3	158552-52500	O-RING	1	1						
102	2	158552-52310	O-RING	1	1						
103	2	158552-52400	O-RING, 4E S42	1	1						
105	2	22190-120002	WASHER, SEAL 12	2	2						
106	2	22190-120002	WASHER, SEAL 12	2	2						
107	2	22190-180002	WASHER, SEAL 18	2	2						
108	2	22217-180000	WASHER, SPRING 18	1	1						
109	2	22312-050140	PIN, PARALLEL M5X14	2	2						
110	2	22351-050010	PIN, SPRING 5.0X10	2	2						
112	2	144626-51090	KEY, 5X19	1	1						
113	2	23857-060000	BOLT, JOINT 6	1	1						
114	2	24311-000070	O-RING, 1AP7.0	1	1						
115	2	24356-010200	O-RING, 4D1020	1	1						
116	2	24356-020210	O-RING, 4D2021	1	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.18. FUEL INJECTION PUMP(INNER PART



(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(C)=

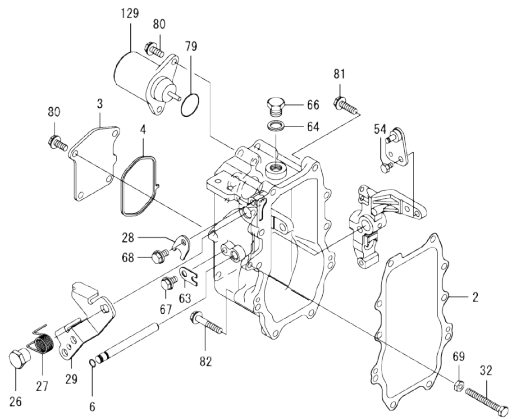
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
117	2	26106-060102	BOLT, M6X 10 PLATED	1	1						
118	2	26106-060352	BOLT, M6X 35 PLATED	4	4						
121	2	26450-100452	BOLT, M10X 45	4	4						
122	2	26776-180002	NUT, LOCK M18	1	1						
126	2	158552-51670	JOINT, OVER FLOW	1	1						
128	2	129916-59020	JOINT, PIPE 12	1	1						

Remarks
(1) GOVERNOR ASSY(FIG.19) IS
INCORPORATED IN THIS FOP.CMP
(REF.NO.1).

OCD10-M80501 4TNV94L-PIK,PIKA

Fig.19. GOVERNOR(INNER PARTS)



Remarks
* THIS FIGURE(GOVERNOR ASSY)IS
INCORPORATED IN THE FUEL INJECTION
PUMP ASSY(FIG.18).

OCD10-M80501 Fig.19

(A)=4TNV94L-PIK
(B)=4TNV94L-PIKA
(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	1						
3	2	158560-61061	COVER, GOVERNOR CASE	1	1						
4	2	158560-61071	GASKET	1	1						
6	2	129155-51280	O-RING, S6	1	1						
26	2	129255-61410	NUT, LOCK	1	1						
27	2	119807-61420	SPRING, RETURN	1	1						
28	2	158560-61430	RETAINER, SHAFT	1	1						
29	2	158560-61442	LEVER, REGULATOR	1	1						
32	2	129155-61460	BOLT, IDLE	1	1						
54	2	26116-060102	BOLT, M6X 10 PLATED	1	1						
63	2	119660-61901	RETAINER, SHAFT	1	1						
64	2	22190-160002	WASHER, SEAL 16	1	1						
66	2	23887-160002	PLUG, 16	1	1						
67	2	26106-060102	BOLT, M6X 10 PLATED	1	1						
68	2	26106-060102	BOLT, M6X 10 PLATED	1	1						
69	2	26756-060002	NUT, LOCK M6	1	1						
79	2	158552-61900	O-RING	1	1						
80	2	26106-060142	BOLT, M6X 14 PLATED	6	6						
81	2	26106-060252	BOLT, M6X 25 PLATED	8	8						
82	2	26106-060402	BOLT, M6X 40 PLATED	2	2						
129	2	119233-77932	SOLENOID, STOP	1	1						

Parts No. Index

Parts No.	Fig. No.	Ref. No.
105025-59750	13	7
105582-59150	10	31
114250-53080	12	5
114250-53120	12	9
114250-53130	12	10
114250-53140	12	11
114250-53210	12	12
114250-53400	12	13
114371-79070	15	27
119000-35140	9	3
119005-12571	5	10
119005-44761	10	20
119130-44740	10	19
119130-44760	10	21
119131-18320	6	9
119131-77550	15	18
119160-12060	5	15
119225-52102	13	20
119233-77932	19	129
119305-59120	12	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
119624-77350	16	33
119624-77351	16	33 -1
119625-11880	4	26
	17	6
119640-01640	3	8
119640-61400	4	62
119643-66900	16	36

Parts No.	Fig. No.	Ref. No.
119650-77910	16	38
119660-61901	19	63
119802-11870	4	68
	17	5
119802-51590	11	60
	18	79
119802-51600	11	61
	18	80
119802-51680	11	65
	18	84
119802-51690	11	66
	18	85
119802-55700	13	21
119802-55710	13	22
119802-55800	13	2
119802-55801	13	2 -1
119802-77200	16	37
119803-11340	4	19 -1
	17	11 -1
119807-61420	19	27
119808-12540	5	13
120130-22301	8	22
121236-77340	16	32
121252-39450	9	12
121254-77810	15	25
121256-44600	10	54
121450-42450	10	52
121450-44531	10	57
121470-44581	10	59
121520-34810	9	2
121750-59890	13	26
121850-21130	8	12
121850-21290	8	5
121850-21680	8	10
121850-21920	8	6
121850-49540	10	26
	17	18
121850-49550	10	27
	17	16
121850-49810	10	29
121850-77021	5	5
	17	17
122780-59100	12	26
123501-79240	16	5 -1
123900-13610	6	7
123900-13630	6	5
123900-13640	6	4
123900-25060	7	10
123900-77510	15	14
123900-77520	15	15

Parts No.	Fig. No.	Ref. No.
123900-77540	15	17
123907-03100	4	55
123907-03110	4	56
123907-03120	4	57
123907-03140	4	58
123907-11280	4	33
123907-11550	4	3
123907-11601	12	25
123907-11820	4	10
123907-11830	4	23
123907-25909	7	17
123907-59540	13	13
123907-59550	13	14
	17	2
123907-59560	13	18
124160-01751	2	35
	4	50
124160-11340	4	18
	17	4
124160-11360	4	65
124240-01871	2	36
124240-01883	2	37
	17	27
124411-01780	3	6
124450-44550	10	53
124450-44560	10	58
124465-44950	10	41
	17	20
124722-59050	10	45
	48	
	13	16
124766-59050	13	5
	9	
124950-11340	4	19
	17	11
126501-79240	16	5
126650-12680	5	14
128300-77920	16	41
129001-91810	2	24
	25	
129004-55610	13	1
129004-55611	13	1 -1
129004-55612	13	1 -2
129005-59830	9	17
129052-79270	16	16
129062-12560	5	11
129100-01580	2	5
	3	1
129100-55690	13	23
129150-02450	7	4

Parts No.	Fig. No.	Ref. No.
129150-11230	4	36
		40
129150-11750	4	22
		37
		41
129150-14200	7	1
129150-25920	7	14
129150-35153	9	4
129150-49360	10	50
	17	29
129150-59131	12	30
		34
129155-51280	19	6
129155-61460	19	32
129211-77920	16	42
129240-77200	16	2
129240-77710	16	26
129240-79300	16	27
129240-79310	16	3
129255-61410	19	26
129263-13220	6	6
129400-92440	17	30
129457-59010	13	4
129486-59551	13	15
129550-59120	12	31
129795-01900	16	29
129900-01200	1	31
129900-01250	1	5
129900-01740	2	6
129900-01780	2	4
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	3
	17	9
129900-14100	7	7
129900-21200	8	4
129900-21600	8	15
129900-23000	8	24
129900-23001	8	24 -1
129900-23200	8	29
129900-23600	8	30

Parts No. Index

Parts No.	Fig. No.	Ref. No.
129900-23601	8	30 -1
129900-23610	8	32
129900-23611	8	32 -1
129900-23910	8	28
129900-23911	8	28 -1
129900-25100	7	11
129900-32001	2	11
129900-32030	2	22
	9	5
	17	12
129900-32040	2	23
	17	13
129900-42020	10	11
	17	14
129900-42461	10	15
129900-49870	10	37
	17	15
129900-77010	14	1
129900-77400	14	2
129900-77440	14	5
129900-77450	14	7
		9
129900-77460	14	11
129900-77480	14	8
129900-77510	14	17
129900-77520	14	20
129900-77540	14	18
129900-77550	14	19
129900-77591	14	12
129900-77610	14	23
129900-77620	14	13
129900-77640	14	15
129900-77650	14	14
129900-77700	14	16
129900-77710	14	24
129902-21000	8	1
129906-01340	1	32
	17	3
129906-01350	1	32 -1
	17	3 -1
129906-22050	8	18
129906-22080	8	16
129906-22090	8	16 -1
129906-22900	8	34 -1
129906-22910	8	34 -2
129906-51580	11	58
	18	78
129906-53000	12	2
129906-77300	16	1
129907-01190	1	33

Parts No.	Fig. No.	Ref. No.
129907-01500	2	8
129907-01950	11	130
129907-01960	11	131
129907-03010	4	52
129907-03060	4	53
129907-03061	4	53 -1
129907-03070	4	54
129907-07900	4	1
129907-11100	4	14
129907-11110	4	15
129907-11120	4	16
129907-11250	4	30
129907-11260	4	31
129907-11270	4	32
129907-11310	4	61
	17	7
129907-11320	4	51
129907-11341	4	29
129907-11510	4	20
129907-11650	4	34
129907-11660	4	38
129907-11700	4	4
129907-11800	4	8
129907-11910	4	47
129907-11920	4	42
129907-11950	4	48
129907-12100	5	1
129907-12110	5	2
	17	8
129907-13200	6	2
129907-13210	6	1
129907-13500	6	18
129907-13510	6	11
129907-13690	6	12
129907-14400	7	2
129907-14581	7	3
129907-21650	8	9
129907-25900	7	17 -1
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