

0CW10-M84400EN

P R E F A C E

1. This parts catalog is the 1st edition of 4TNV84T-ZXKKTF for Tong Yang Moolsan.

Pub. No. : 0CW10-G84400

Published : May, 2013

2. Model name

Engine model	Vehicle	Vehicle made by
4TNV84T-ZXKKTF	TRACTOR	Tong Yang Moolsan

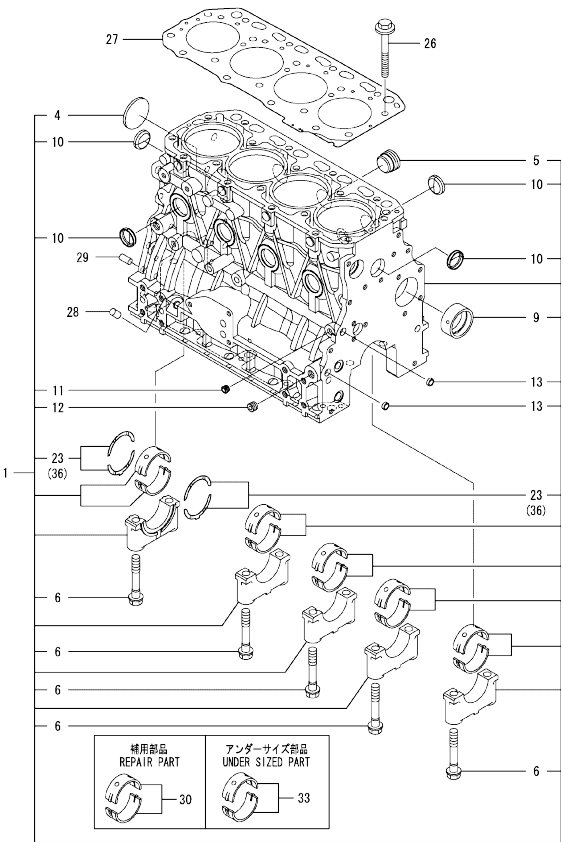
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14.	FUEL INJECTION PUMP
15.	GOVERNOR
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17.	FUEL LINE
18.	GENERATOR
19.	ELECTRONIC CONTROL UNIT (ECU)
20.	GASKET SET

Fig. No.	Fig. Name
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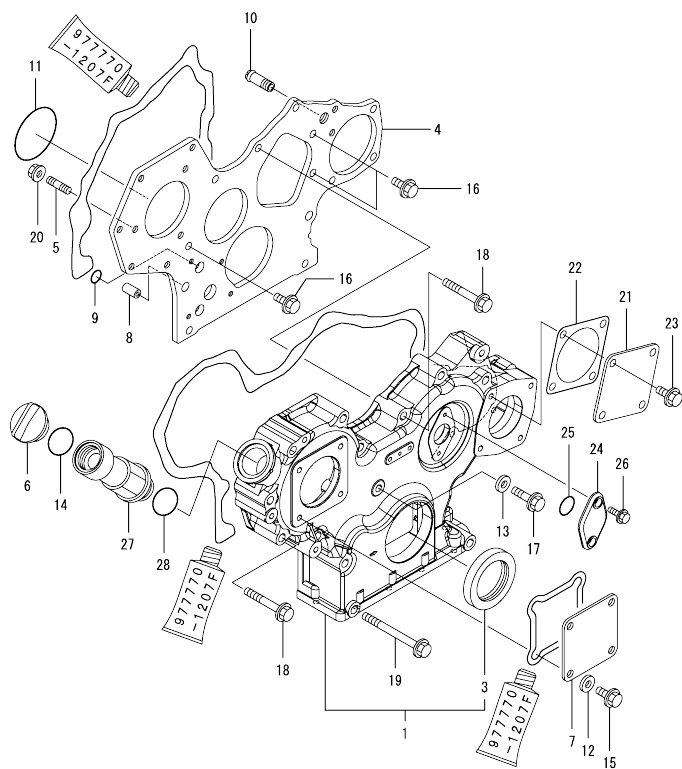
Fig.1. CYLINDER BLOCK



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729508-01570	BLOCK ASSY, CYLINDER	1							
4	2	129001-01250	PLUG, 50	1							
5	2	171051-01921	PLUG, NPTF1	1							
6	2	129150-02020	BOLT, METAL CAP	10							
9	2	129795-02412	BUSH, CAMSHAFT	1							
10	2	27241-300000	PLUG 30	8							
11	2	124060-01050	PLUG, PT1/8	1							
12	2	124160-01910	PLUG, PT1/4	2							
13	2	27241-120000	PLUG, 12	2							
23	2	129150-02931	BEARING, THRUST	2							
26	1	129150-01200	BOLT, HEAD	18							
27	1	129508-01330	GASKET, HEAD	1							
28	1	119309-01810	PLUG	1							
29	1	129100-01580	PIN, M8X16	2							
30	1	129001-02931	BEARING, MAIN	5							1
33	1	129150-02871	BEARING, 0.25 US	5							2
36	1	129150-02941	BEARING, THRUST 0.25	1							3

Fig.2. GEAR HOUSING

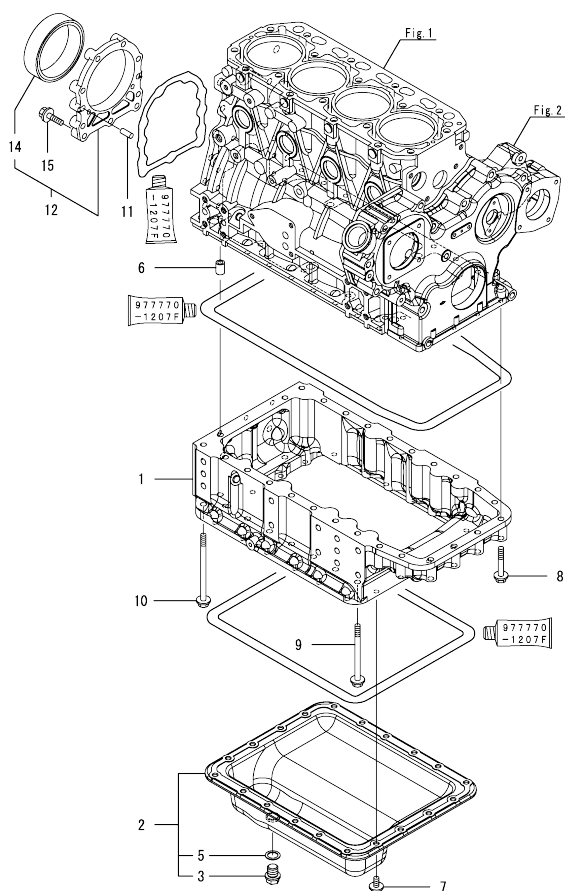


(D)=
(E)=
(F)=

(A)=4TNV84T-ZXKKTF
(B)=
(C)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729008-01500	CASE ASSY, GEAR	1							
3	2	119934-01800	SEAL, OIL	1							
4	1	129009-01530	FLANGE, GEAR CASE	1							
5	1	119802-01561	STUD, M8X25	3							
6	1	124160-01751	COVER, FILLER	1							
7	1	124240-01871	COVER	1							
8	1	129795-01950	PIPE, KNOCK L=18	2							
9	1	119609-32040	O-RING, P16	2							
10	1	129122-44480	JOINT	1							
11	1	121850-51960	O-RING	1							
12	1	22190-080002	WASHER, SEAL 6	4							
13	1	22190-080002	WASHER, SEAL 6	1							
14	1	24311-000320	O-RING, 1AP32.0	1							
15	1	26106-080162	BOLT, M8X 16 PLATED	4							
16	1	26106-080162	BOLT, M8X 16 PLATED	3							
17	1	26106-080302	BOLT, M8X 30 PLATED	1							
18	1	26106-080552	BOLT, M8X 55 PLATED	11							
19	1	26106-080852	BOLT, M8X 85 PLATED	3							
20	1	26306-080002	NUT, M8	3							
21	1	124240-01871	COVER	1							
22	1	129C26-01890	GASKET, HO-P	1							
23	1	26106-080162	BOLT, M8X 16 PLATED	4							
24	1	121023-01551	COVER	1							
25	1	24341-000240	O-RING, 1AS24.0	1							
26	1	26106-060162	BOLT, M6X 16 PLATED	2							
27	1	171031-11741	PIPE	1							
28	1	24311-000320	O-RING, 1AP32.0	1							

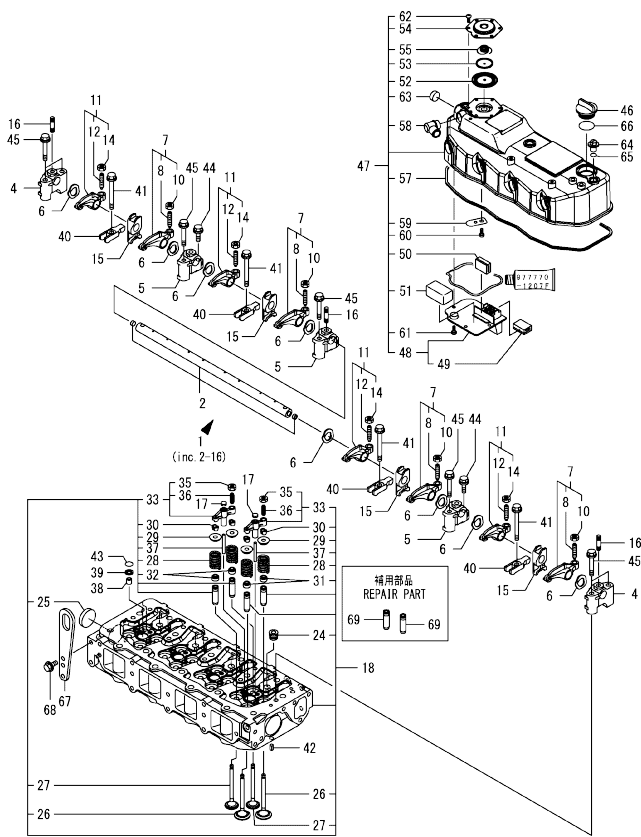
N:Old ^{YES}/_{NO} New. Q:Old ^{NO}/_{YES} New. R:Old ^{YES}/_{YES} New. S:Old ^{NO}/_{NO} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129550-01702	SUMP, OIL	1							
2	1	729429-01721	SUMP ASSY, OIL	1							
3	2	105425-01690	PLUG, 16	1							
5	2	22190-160002	WASHER, SEAL 16	1							
6	1	129555-01750	PIPE, KNOCK 14X18	1							
7	1	26106-080122	BOLT, M8X 12 PLATED	20							
8	1	26106-080502	BOLT, M8X 50 PLATED	8							
9	1	26106-081002	BOLT, M8X100 PLATED	14							
10	1	26106-081202	BOLT, M8X120 PLATED	4							
11	1	129100-01580	PIN, M8X16	2							
12	1	129100-01640	CASE ASSY, OIL SEAL	1							
14	2	129795-01780	SEAL, OIL	1							
15	1	129486-01670	BOLT, M8X30	9							

0CW10-M84400 4TNV84T-ZXKKTF

Fig.4. CYLINDER HEAD & BONNET



Remarks
(1)Spare part.

0CW10-M84400 Fig.4

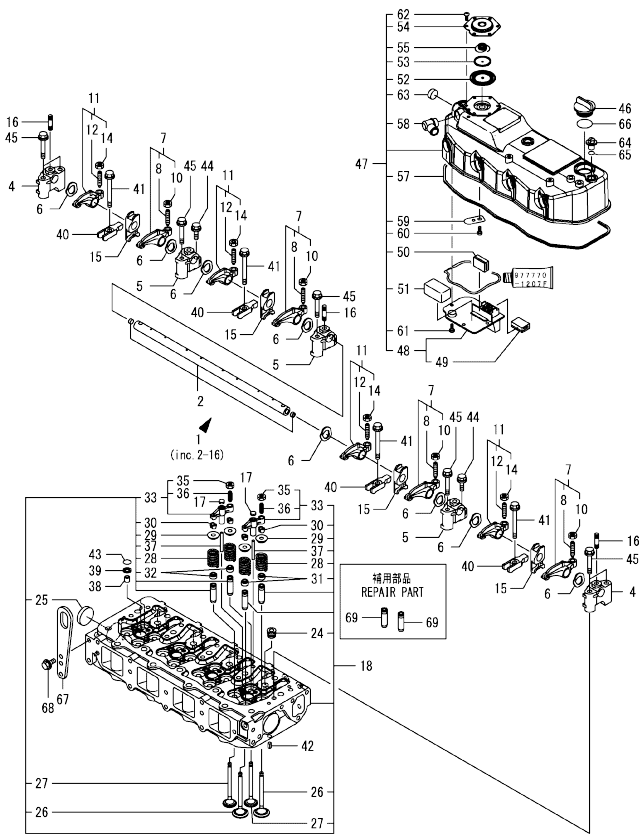
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129508-11241	SHAFT ASSY, ROCKER	1							
2	2	129508-11250	SHAFT, ROCKER ARM	1							
4	2	129508-11260	SUPPORT, ROCKER ARM	2							
5	2	129508-11270	SUPPORT, ROCKER ARM	3							
6	2	129508-11280	WASHER	8							
7	2	129508-11650	ARM, ROCKER	4							
8	3	129150-11230	SCREW, VALVE ADJUST	4							
10	3	129150-11750	NUT, M8	4							
11	2	129508-11660	ARM, ROCKER	4							
12	3	129150-11230	SCREW, VALVE ADJUST	4							
14	3	129150-11750	NUT, M8	4							
15	2	129508-11920	RETAINER	4							
16	2	26226-080352	STUD, M8X 35	3							
17	1	123907-11550	SEAT, VALVE BRIDGE	8							
18	1	129509-11700	HEAD ASSY, CYLINDER	1							
24	2	23876-020000	PLUG, R02	4							
25	2	27241-400000	PLUG, 40	2							
26	2	129508-11100	VALVE, INTAKE	8							
27	2	129508-11110	VALVE, EXHAUST	8							
28	2	129508-11130	SPRING, VALVE	16							
29	2	129508-11180	RETAINER, SPRING	16							
30	2	119717-11190	COTTER	32							
31	2	119717-11340	SEAL, VALVE STEM	8							
32	2	119717-11350	SEAL, VALVE STEM	8							
33	2	129672-11510	BRIDGE ASSY, VALVE	8							
35	3	129150-11750	NUT, M8	8							
36	3	123907-11830	ADJUSTER	8							
37	2	129508-11820	GUIDE	8							
38	1	119802-11870	PROTECTOR, NOZZLE	4							
39	1	119625-11880	SEAT, NOZZLE	4							
40	1	129508-11900	RETAINER, NOZZLE	4							
41	1	129907-11950	BOLT, M8X75	4							
42	1	22351-060012	PIN, SPRING 6.0X12	2							
43	1	24311-000120	O-RING, 1AP12.0	4							
44	1	26106-080252	BOLT, M8X 25 PLATED	3							
45	1	26106-080502	BOLT, M8X 50 PLATED	7							
46	1	124160-01751	COVER, FILLER	1							
47	1	129558-11350	BONNET ASSY, HEAD	1							
48	2	129508-03010	PLATE	1							
49	3	119802-03070	BAFFLE, BREATHER	1							
50	2	129150-03070	BAFFLE, BREATHER	1							
51	2	129907-03070	BAFFLE, BREATHER	1							
52	2	123907-03100	DIAPHRAGM	1							
53	2	123907-03110	PLATE	1							
54	2	123907-03120	PLATE, BREATHER	1							
55	2	123907-03140	SPRING, DIAPHRAGM	1							
57	2	129508-11310	GASKET, BONNET	1							
58	2	119100-11330	ELBOW	1							
59	2	129009-11340	SPRING	1							
60	2	22857-500100	SCREW, 5X10	1							
61	2	22857-500100	SCREW, 5X10	4							

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.4. CYLINDER HEAD & BONNET



Remarks
(1)Spare part.

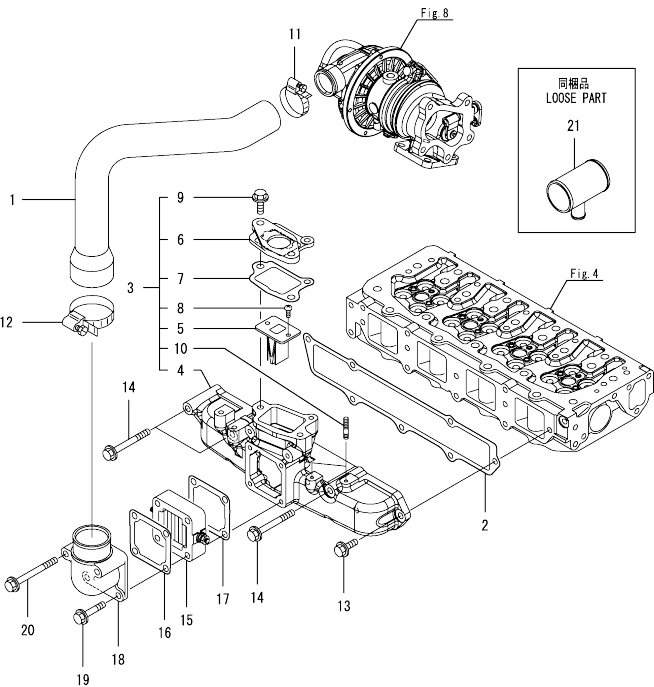
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
62	2	22857-500100	SCREW, 5X10	6							
63	2	27241-180000	PLUG, 18	1							
64	1	124160-11360	KNOB	3							
65	1	24311-000120	O-RING, 1AP12.0	3							
66	1	24311-000320	O-RING, 1AP32.0	1							
67	1	129900-07900	LIFTER	1							
68	1	26106-080162	BOLT, M8X 16 PLATED	2							
69	1	119717-11800	GUIDE, VALVE	16							1

0CW10-M84400 4TNV84T-ZXKKTf

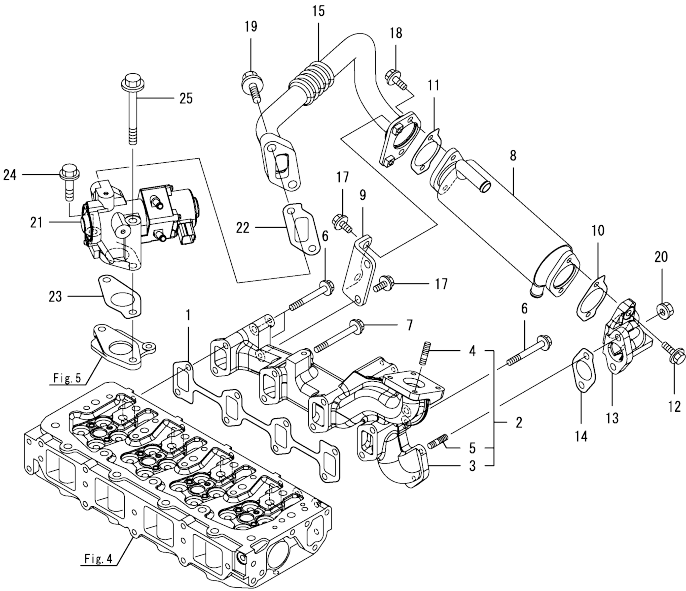
Fig.5. SUCTION MANIFOLD



							0CW10-M84400 Fig.5						
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							(D)=						
							(E)=						
							(F)=						
							Q'ty						
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R		
1	1	129558-12070	PIPE, AIR INTAKE	1									
2	1	129508-12110	GASKET, MANIFOLD	1									
3	1	129558-12160	MANIFOLD ASSY,INTAKE	1									
4	2	129558-12110	MANIFOLD, AIR INTAKE	1									
5	2	129509-13700	VALVE	1									
6	2	129509-13710	SPACER	1									
7	2	129509-13720	GASKET	1									
8	2	22857-500160	SCREW, 5X16	2									
9	2	26106-080202	BOLT, M8X 20 PLATED	1									
10	2	26216-060252	STUD, M6X 25	2									
11	1	23000-054000	CLAMP, 54	1									
12	1	23000-070000	CLAMP, 70	1									
13	1	26106-080202	BOLT, M8X 20 PLATED	4									
14	1	26106-080702	BOLT, M8X 70 PLATED	3									
15	1	129100-77501	HEATER	1									
16	1	129100-77510	GASKET	1									
17	1	129150-77511	GASKET	1									
18	1	171340-77520	BEND	1									
19	1	26106-080402	BOLT, M8X 40 PLATED	2									
20	1	26106-080802	BOLT, M8X 80 PLATED	2									
21	1	129509-03050	JOINT, BREATHER	1									

0CW10-M84400 4TNV84T-ZXKKTf

Fig.6. EXHAUST MANIFOLD



										0CW10-M84400		Fig.6			
										(A)=4TNV84T-ZXKKTf		(D)=			
										(B)=		(E)=			
										(C)=		(F)=			
										Q'ty		I		R	
No.	Lev.	Parts No.	Description							(A)	(B)	(C)	(D)	(E)	(F)
1	1	129550-13110	GASKET							1					
2	1	129558-13160	MANIFOLD ASSY							1					
3	2	129558-13110	MANIFOLD, EXHAUST							1					
4	2	129418-18320	STUD, M8X20							4					
5	2	129418-18320	STUD, M8X20							2					
6	1	119802-13650	BOLT, M8X65							3					
7	1	119802-13660	BOLT, M8X75 10.9T							5					
8	1	129509-13400	COOLER, EGR							1					
9	1	129558-13410	STAY							1					
10	1	129928-13410	GASKET							1					
11	1	129928-13410	GASKET							1					
12	1	119802-13790	BOLT, M8X25 10.9T							2					
13	1	129928-13800	PIPE							1					
14	1	129927-13810	GASKET							1					
15	1	129558-13840	PIPE ASSY							1					
17	1	26106-080162	BOLT, M8X 16 PLATED							4					
18	1	26106-080202	BOLT, M8X 20 PLATED							2					
19	1	26106-100302	BOLT, M10X 30 PLATED							2					
20	1	26306-080002	NUT, M8							2					
21	1	129927-13900	VALVE							1					
22	1	129927-13910	GASKET							1					
23	1	129927-13920	GASKET							1					
24	1	26106-100402	BOLT, M10X 40 PLATED							1					
25	1	26106-101052	BOLT, M10X105 PLATED							1					

Fig.7. CAMSHAFT & DRIVING GEAR



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

(A)=4TNV84T-ZXKKTF
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129150-14200	TAPPET	8							
2	1	129150-14400	ROD, PUSH L=178	8							
3	1	129508-14580	CAMSHAFT ASSY	1							
4	2	129150-02450	BEARING, THRUST	1							
6	2	129150-14101	GEAR, CAMSHAFT	1							
7	2	22512-070140	KEY, 7X 14	1							
8	1	26106-080142	BOLT, M8X 14 PLATED	2							
9	1	119803-25050	SHAFT, IDLE	1							
10	1	119802-25101	GEAR ASSY, IDLE	1							
13	1	26106-080402	BOLT, M8X 40 PLATED	3							
14	1	129150-25301	BOLT	4							
15	1	119802-25901	GEAR, PUMP	1							
16	1	124240-01871	COVER	1							
17	1	129150-01881	GASKET	1							
18	1	129C26-01890	GASKET, HO-P	1							
19	1	129555-26000	DRIVE ASSY, PUMP	1							
20	2	129150-26050	BRACKET, PUMP	1							
24	2	24105-060064	BEARING, BALL 6006Z	2							
25	1	26106-080302	BOLT, M8X 30 PLATED	3							
26	1	26306-080002	NUT, M8	1							
27	1	119802-25071	BUSH, IDLE GEAR	1							

Fig.8. TURBINE



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

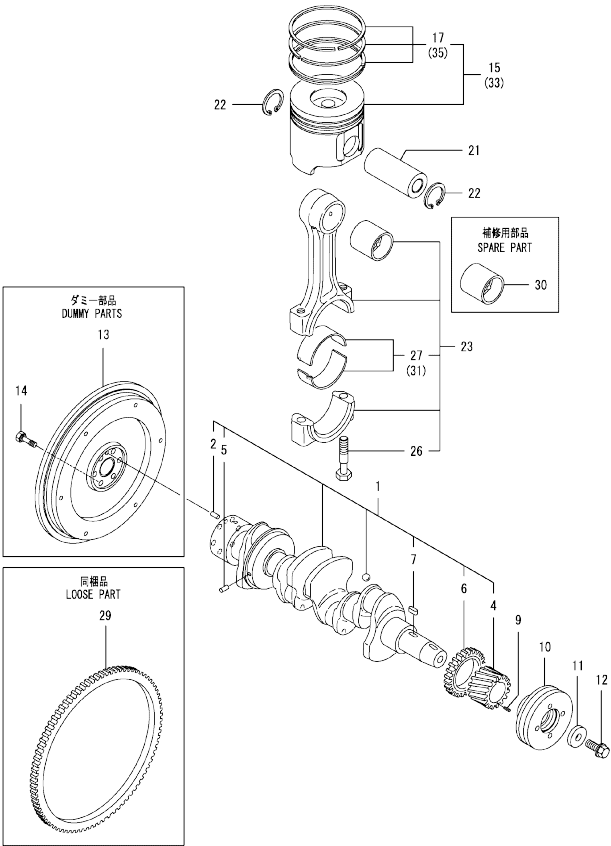
(A)=4TNV84T-ZXKKTF
(B)=
(C)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129508-18010	TURBINE, RHF4	1							
2	1	129508-18080	GASKET	1							
3	1	26306-080002	NUT, M8	4							
4	1	129508-18090	GASKET	1							

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.9. CRANKSHAFT & PISTON



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

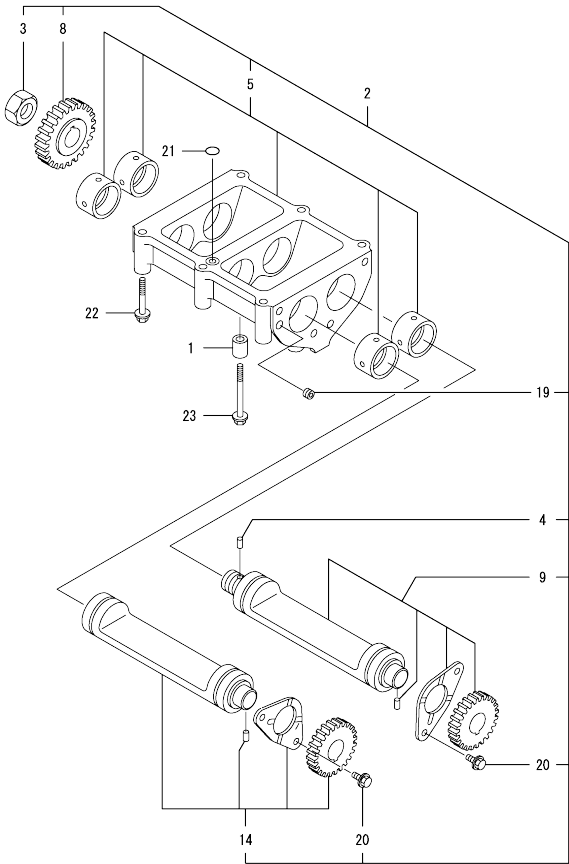
0CW10-M84400 Fig.9

(A)=4TNV84T-ZXKKTF
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129558-21000	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
4	2	119803-21200	GEAR, CRANKSHAFT	1							
5	2	121850-21290	PIN	1							
6	2	129400-28121	GEAR, BALANCER	1							
7	2	22512-070140	KEY, 7X 14	1							
9	1	22351-030010	PIN, SPRING 3.0X10	1							
10	1	119852-21650	V-PULLEY, 120	1							
11	1	129795-21661	WASHER	1							
12	1	121850-21680	BOLT	1							
13	1	129659-21410	FLYWHEEL	1							
14	1	121111-21501	BOLT, FLYWHEEL	6							
15	1	129509-22080	PISTON ASSY	4							
17	2	129509-22500	RING SET, PISTON	4							
21	1	129202-22300	PIN, PISTON D26 L70	4							
22	1	22252-000260	RING, 26	8							
23	1	729402-23100	ROD ASSY, CONNECTING	4							
26	2	121550-23200	BOLT, CONNECTING ROD	8							
27	2	129150-23601	BEARING, CRANK PIN	4							
29	1	124550-21600	GEAR, RING	1							
30	1	129100-23910	BEARING, PISTON PIN	4							1
31	1	129150-23611	BEARING, 0.25 US	4							2
33	1	129509-22900	PISTON W/RING 0.25OS	1							3
35	2	129509-22950	RING SET, 0.25 OS	1							3

Fig.10. BALANCER



(A)=4TNV84T-ZXKKTf
(B)=
(C)=

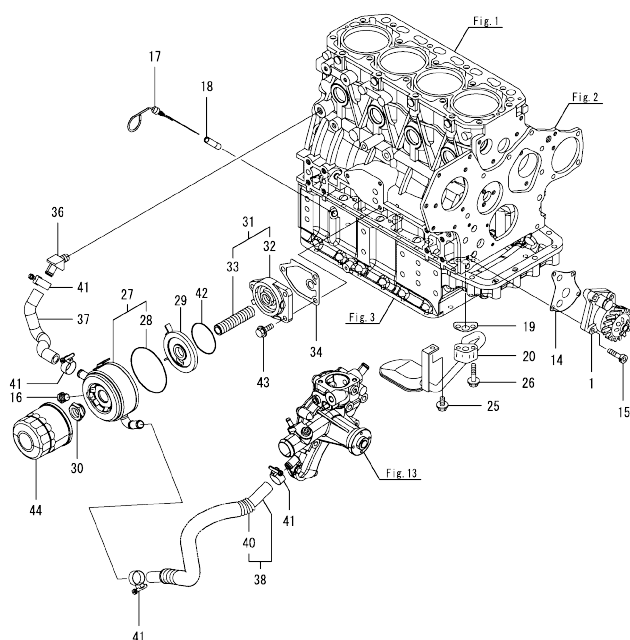
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129795-01960	PIPE, KNOCK	2							
2	1	129457-28000	BALANCER ASSY	1							
3	2	128170-14150	NUT	1							
4	2	121850-21290	PIN	1							
5	2	129457-28011	CASE ASSY, BALANCER	1							
8	2	129400-28150	GEAR, BALANCER	1							
9	2	729490-28510	SHAFT ASSY, BALANCER	1							
14	2	729490-28520	SHAFT ASSY, BALANCER	1							
19	2	23876-005000	PLUG, R005	1							
20	2	26106-080142	BOLT, M8X 14 PLATED	4							
21	1	24311-000140	O-RING, 1AP14.0	1							
22	1	26106-080602	BOLT, M8X 60 PLATED	4							
23	1	26106-080802	BOLT, M8X 80 PLATED	2							

Fig.11. LUB. OIL SYSTEM

(D)=
(E)=

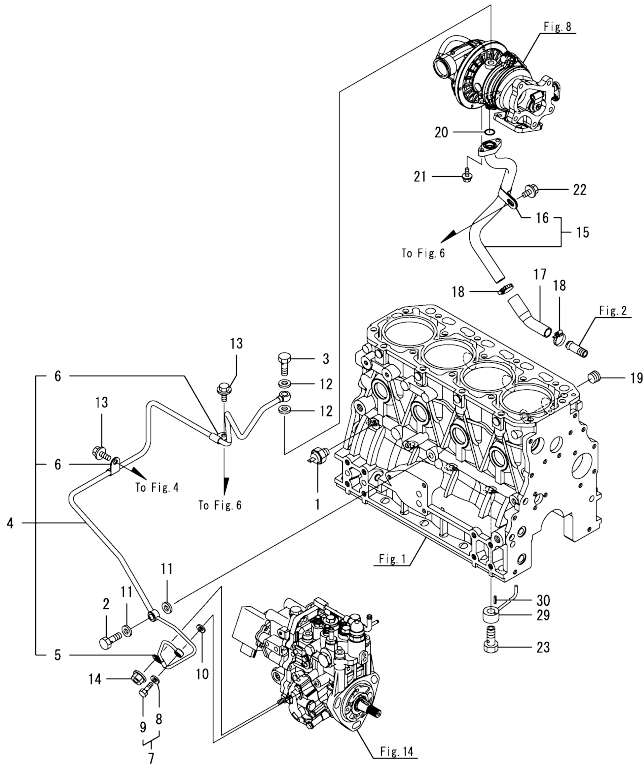
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(E)=
(F)=



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.12. LUB. OIL LINE

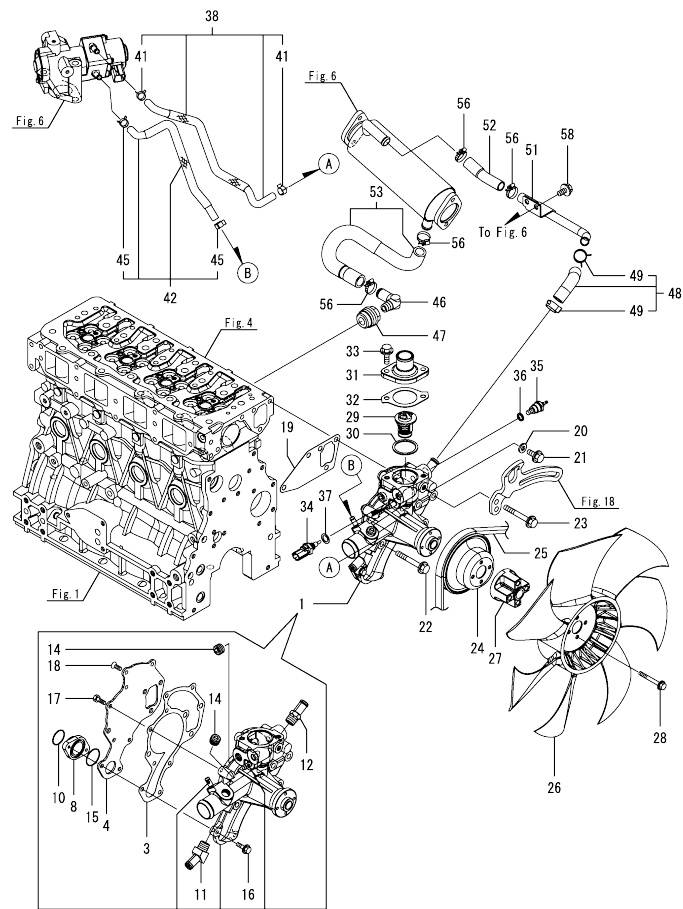


(A)=4TNV84T-ZXKKTF
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119761-39450	SWITCH, 0.5KG	1							
2	1	124160-39140	BOLT, PIPE JOINT M10	1							
3	1	121252-39150	BOLT, JOINT M10X1.5	1							
4	1	129558-39460	PIPE ASSY, OIL	1							
5	2	119802-39500	RETAINER, PIPE	1							
6	2	124223-39900	RETAINER	2							
7	1	129005-59830	BOLT ASSY, JOINT M8	1							
8	2	22190-080002	WASHER, SEAL 6	1							
9	2	23857-030000	BOLT, JOINT 3	1							
10	1	22190-080002	WASHER, SEAL 6	1							
11	1	22190-100002	WASHER, SEAL 10	2							
12	1	23414-100000	GASKET, 10X1.0	2							
13	1	26106-080122	BOLT, M8X 12 PLATED	2							
14	1	26366-060002	NUT, M6	1							
15	1	129558-39670	PIPE, OIL	1							
16	2	123910-39850	RETAINER	1							
17	1	129558-39800	HOSE	1							
18	1	23000-025000	CLAMP, 25	2							
19	1	23876-030000	PLUG, R03	1							
20	1	24316-000160	O-RING, 4DP16.0	1							
21	1	26106-060162	BOLT, M6X 16 PLATED	2							
22	1	26106-080122	BOLT, M8X 12 PLATED	1							
23	1	129792-39410	VALVE ASSY, CHECK	4							
29	1	129553-39650	NOZZLE	4							
30	1	22351-030010	PIN, SPRING 3.0X10	4							

Fig.13. COOLING WATER SYSTEM



(A)=4TNV84T-ZXKKTF
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129558-42000	PUMP ASSY, WATER	1							
3	2	129150-42059	GASKET	1							
4	2	129263-42120	PLATE	1							
8	2	129150-42301	FLANGE	1							
10	2	129054-42320	O-RING	1							
11	2	129055-49300	ELBOW, R3/8	1							
12	2	129963-49300	JOINT, D14	1							
14	2	129916-49740	PLUG, R03	2							
15	2	24358-240310	O-RING, 524031	1							
16	2	26106-060202	BOLT, M6X 20 PLATED	2							
17	2	26116-060162	BOLT, M6X 16 PLATED	3							
18	2	26577-060162	SCREW, M6X16	3							
19	1	129486-42050	GASKET, WATER PUMP	1							
20	1	23414-080000	GASKET, 8X1.0	1							
21	1	26106-080122	BOLT, M8X 12 PLATED	1							
22	1	26106-080552	BOLT, M8X 55 PLATED	3							
23	1	26106-080602	BOLT, M8X 60 PLATED	1							
24	1	129403-42380	V-PULLEY, D=110	1							
25	1	129052-42290	V-BELT, A40.5	1							
26	1	129655-44740	FAN, COOLING D380	1							
27	1	129030-44760	SPACER, FAN L38.5	1							
28	1	26106-060502	BOLT, M6X 50 PLATED	4							
29	1	129155-49801	THERMOSTAT, 71	1							
30	1	129150-49811	GASKET, THERMOSTAT	1							
31	1	129350-49530	COVER, THERMOSTAT	1							
32	1	129795-49551	GASKET	1							
33	1	26106-080222	BOLT, M8X 22 PLATED	2							
34	1	129927-44900	SENSOR	1							
35	1	124250-49351	SENSOR	1							
36	1	129150-49360	GASKET	1							
37	1	22190-120002	WASHER, SEAL 12	1							
38	1	129558-49610	HOSE ASSY, EGR-V IN	1							
41	2	23080-012000	CLAMP, 12	2							
42	1	129558-49620	HOSE ASSY, EGR-V OUT	1							
45	2	23080-012000	CLAMP, 12	2							
46	1	124070-13300	ELBOW, PT3/8	1							
47	1	129973-49110	JOINT	1							
48	1	129558-49690	HOSE ASSY, WATER	1							
49	2	171008-03990	CLIP, HOSE 18.5	2							
51	1	129558-49700	PIPE, WATER EGR-C OUT	1							
52	1	129558-49750	HOSE, WATER	1							
53	1	129558-49810	PIPE, WATER	1							
56	1	23000-022000	CLAMP, 22	4							
58	1	26106-080122	BOLT, M8X 12 PLATED	2							

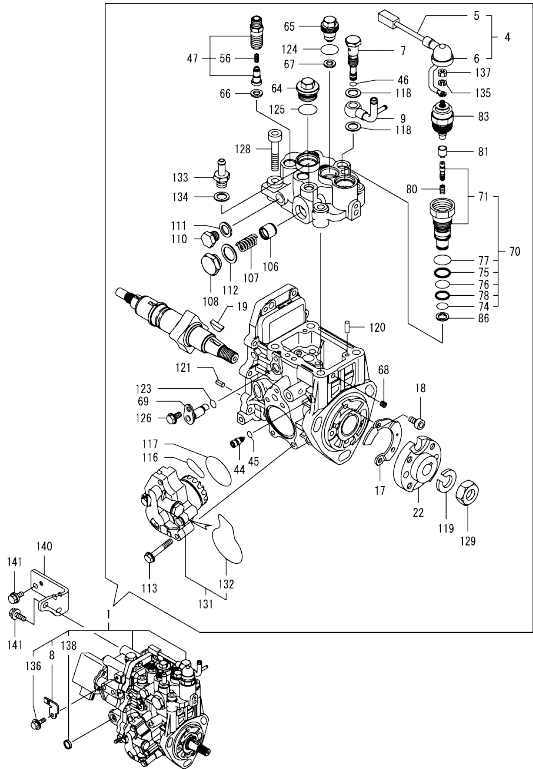
0CW10-M84400 4TNV84T-ZXKKTF

Fig.14. FUEL INJECTION PUMP

0CW10-M84400 Fig.14

(A)=4TNV84T-ZXKKTF
(B)=
(C)=

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



Remarks
(1)Governor(Fig.15)is incorporated in this Fuel Injection Pump (Ref.1).
(1)Eco Pump
Make sure to update the engines ECU information when replacing the Eco Pump.
Failing to do so will result in engine malfunction.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729558-51300	PUMP ASSY, INJECTION	1							1
4	2	129927-51650	HARNESS ASSY, WIRE	1							
5	3	129927-51660	HARNESS	1							
6	3	129263-77941	CAP, RUBBER	1							
7	2	158601-51650	JOINT, OVER FLOW	1							
8	2	129927-51670	BRACKET	1							
9	2	158552-51670	JOINT, OVER FLOW	1							
17	2	129008-51900	COVER, PUMP	1							
18	2	129008-51920	BOLT, SOCKET M6X10	2							
19	2	119802-51090	FEATHER KEY, 4X16	1							
22	2	158552-51151	FLANGE	1							
44	2	158600-51270	STOPPER, TAPPET	1							
45	2	158563-51281	O-RING, 4D S6	1							
46	2	158563-51281	O-RING, 4D S6	1							
47	2	129008-51390	VALVE ASSY, DELIVERY	4							
56	3	158563-51330	SPRING, DELIVERY	4							
64	2	158601-51550	PLUG, M22	1							
65	2	119802-51560	PLUG, M14	1							
66	2	158552-51571	GASKET, PLUG	4							
67	2	158552-51571	GASKET, PLUG	1							
68	2	158557-51570	PLUG, RACK	1							
69	2	158552-51580	LIFTER, LINK	1							
70	2	129657-51590	TIMER ASSY	1							
71	3	129657-51600	TIMER ASSY	1							
74	3	158553-51670	O-RING	1							
75	3	119802-51680	RING, BACKUP	1							
76	3	119802-51690	O-RING	1							
77	3	24356-190200	O-RING, 4D19020	1							
78	3	24372-000150	RING, BACK UP T2P15	1							
80	2	119852-51630	SPRING, TIMER	1							
81	2	119852-51640	CAP, TIMER	1							
83	2	119852-51650	VALVE ASSY, SOLENOID	1							
86	2	158553-51680	GASKET, TIMER	1							
106	2	158601-51770	PISTON, ACCUMULATOR	1							
107	2	158552-51781	SPRING, ACCUMULATOR	1							
108	2	158601-51790	PLUG	1							
110	2	158553-51930	PLUG, M12	1							
111	2	22190-120002	WASHER, SEAL 12	1							
112	2	22190-180002	WASHER, SEAL 18	1							
113	2	158553-51770	BOLT	4							
116	2	158552-52311	O-RING	1							
117	2	158552-52400	O-RING, 4E S42	1							
118	2	22190-120002	WASHER, SEAL 12	2							
119	2	22217-140000	WASHER, SPRING 14	1							
120	2	22312-050140	PIN, PARALLEL M5X14	2							
121	2	22351-050010	PIN, SPRING 5.0X10	2							
123	2	24311-000070	O-RING, 1AP7.0	1							
124	2	24356-190180	O-RING, 4D19018	1							
125	2	24356-190200	O-RING, 4D19020	1							
126	2	26106-060102	BOLT, M6X 10 PLATED	1							
128	2	26450-080452	BOLT, M8X 45	4							

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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0CW10-M84400 4TNV84T-ZXKKTf

Fig.14. FUEL INJECTION PUMP

0CW10-M84400 Fig.14

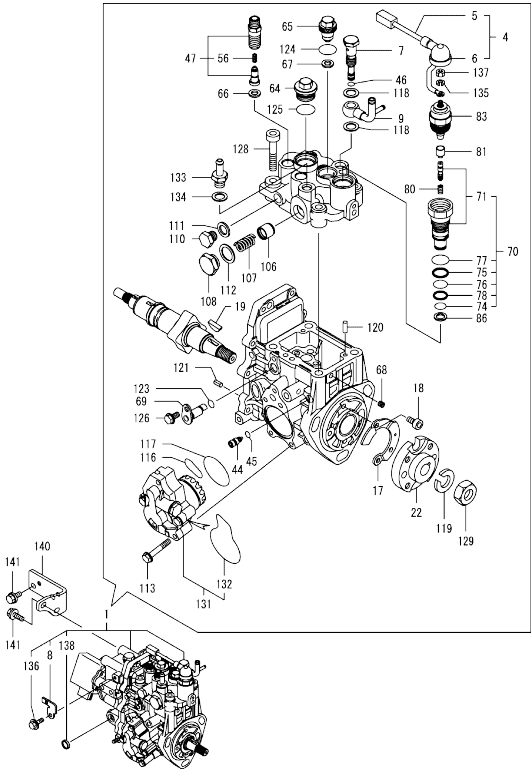
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(B)=
(C)=

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

Q'ty

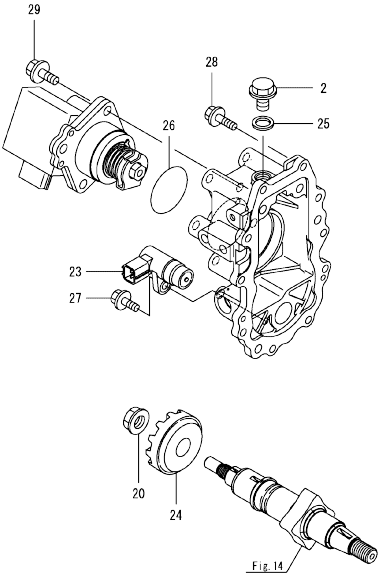
I R

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
129	2	26776-140002	NUT, LOCK M14	1							
131	2	158552-52100	PUMP ASSY, FUEL FEED	1							
132	3	158552-52500	O-RING	1							
133	2	119934-59910	JOINT, PIPE	1							
134	2	22190-120002	WASHER, SEAL 12	1							
135	2	22217-050000	WASHER, SPRING 5	1							
136	2	26106-060142	BOLT, M6X 14 PLATED	1							
137	2	26716-050002	NUT, M5	1							
138	2	27241-160000	PLUG, 16	1							
140	1	129263-51251	RETAINER, PUMP	1							
141	1	26106-080162	BOLT, M8X 16 PLATED	4							



Remarks
(1)Governor(Fig.15)is incorporated in this Fuel Injection Pump (Ref.1).
(1)Eco Pump
Make sure to update the engines ECU information when replacing the Eco Pump.
Failing to do so will result in engine malfunction.

Fig.15. GOVERNOR



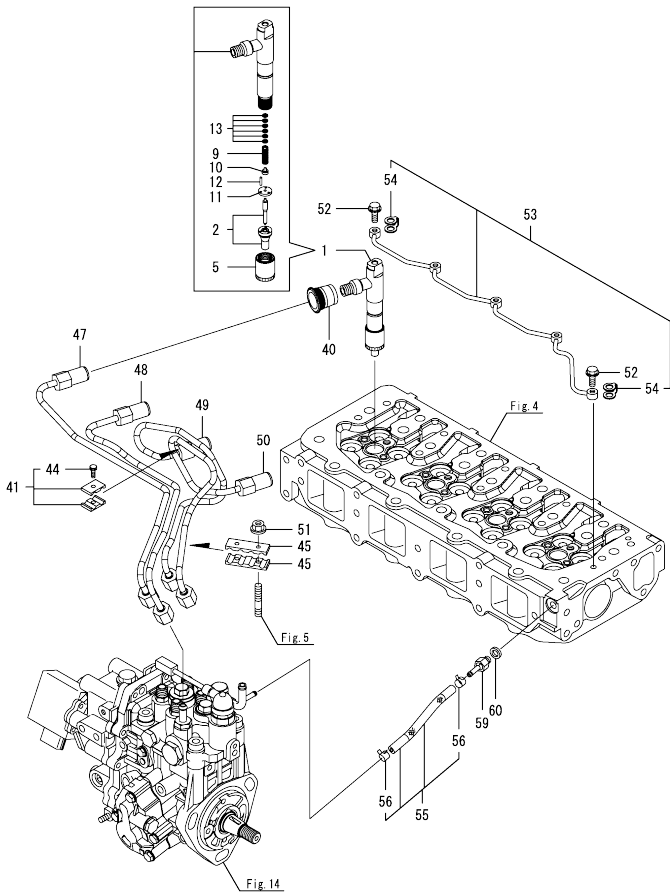
Remarks
*This figure(Governor)is incorporated
in the Fuel Injection Pump (Fig.14).

(A)=4TNV84T-ZXKKTF
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	158553-51930	PLUG, M12	1							
20	2	129008-61301	NUT	1							
23	2	158557-61720	SENSOR	1							
24	2	158553-61780	GEAR, SENSOR	1							
25	2	22190-120002	WASHER, SEAL 12	1							
26	2	24341-000480	O-RING, 1AS48.0	1							
27	2	26106-060162	BOLT, M6X 16 PLATED	1							
28	2	26106-060202	BOLT, M6X 20 PLATED	10							
29	2	26106-080252	BOLT, M8X 25 PLATED	3							

Fig.16. FUEL INJECTION VALVE

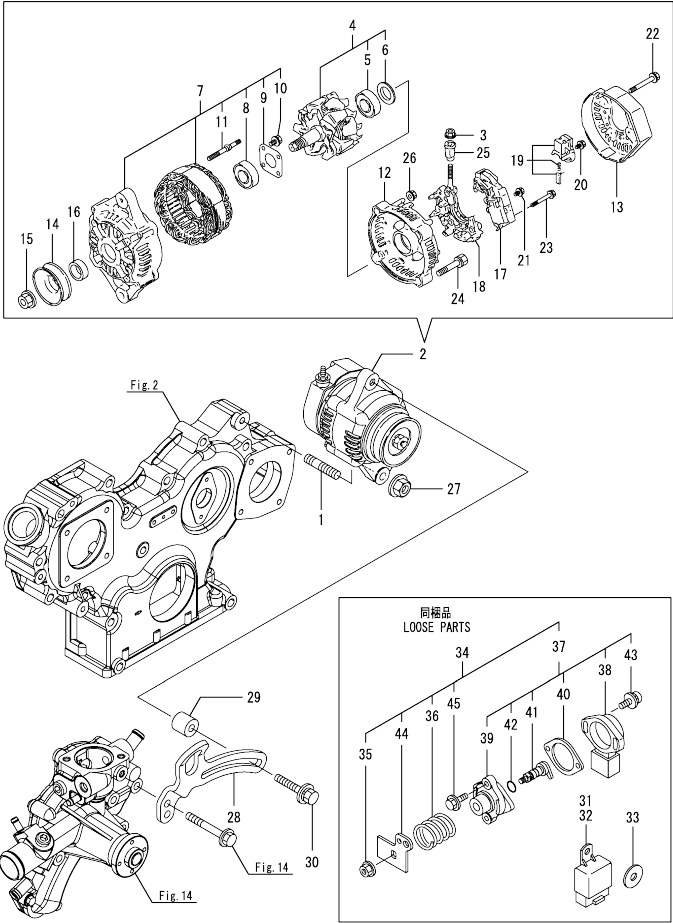


(A)=4TNV84T-ZXKKTf
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729530-53200	VALVE ASSY,INJECTION	4							
2	2	129530-53000	VALVE ASSY,INJECTION	4							
5	2	114250-53080	NUT, NOZZLE D16.95	4							
9	2	114250-53120	SPRING, NOZZLE	4							
10	2	114250-53130	SEAT, SPRING	4							
11	2	114250-53140	PLATE	4							
12	2	114250-53210	PIN	8							
13	2	119803-53400	SHIM SET	4							
40	1	123907-11601	SEAL	4							
41	1	119305-59120	RETAINER, PIPE	1							
44	2	129150-59131	BOLT, M4X14	1							
45	1	123472-59120	RETAINER, PIPE	2							
47	1	129558-59810	PIPE ASSY, INJECTION	1							
48	1	129558-59820	PIPE ASSY, INJECTION	1							
49	1	129558-59831	PIPE ASSY, INJECTION	1							
50	1	129558-59841	PIPE ASSY, INJECTION	1							
51	1	26366-060002	NUT, M6	2							
52	1	123907-59540	BOLT, PIPE JOINT M6	5							
53	1	129508-59550	PIPE ASSY, RETURN	1							
54	2	123907-59550	GASKET	5							
55	1	129509-59550	PIPE ASSY, FUEL	1							
56	2	124722-59050	CLIP, HOSE 9	2							
59	1	123907-59560	JOINT	1							
60	1	22190-080002	WASHER, SEAL 6	1							

Fig.18. GENERATOR



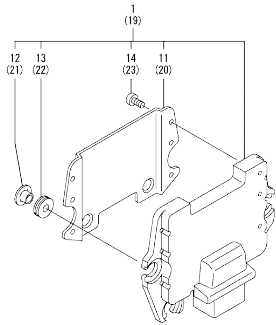
(A)=4TNV84T-ZXKKTF
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129795-01900	STUD	1							
2	1	129961-77200	GENERATOR, 12V-55A	1							
3	2	X9490561001	NUT	1							
4	2	129052-77380	ROTOR ASSY	1							
5	3	123501-79240	BEARING, BALL	1							
6	3	119620-79250	COVER	1							
7	2	129961-77421	FRAME ASSY	1							
8	3	119620-79200	BEARING, BALL	1							
9	3	119620-79210	PLATE, RETAINER	1							
10	3	119620-79220	SCREW	4							
11	3	119620-79230	STUD	2							
12	2	128401-77440	FRAME	1							
13	2	128401-77450	COVER	1							
14	2	119620-77461	PULLEY	1							
15	2	119620-77471	NUT	1							
16	2	119620-77490	COLLAR	1							
17	2	119620-77710	REGULATOR ASSY	1							
18	2	129052-79260	HOLDER	1							
19	2	129052-79270	HOLDER, BRUSH	1							
20	2	119620-79290	SCREW	6							
21	2	119620-79300	SCREW	1							
22	2	119620-79310	BOLT	3							
23	2	119620-79320	SCREW	2							
24	2	119620-79330	BOLT	2							
25	2	119620-79340	BUSH, INSULATION	1							
26	2	119620-79350	NUT	2							
27	1	26306-100002	NUT, M10	1							
28	1	129107-77330	ADJUSTER	1							
29	1	124732-77340	SPACER	1							
30	1	129972-77341	BOLT, ADJUSTER L=50	1							
31	1	198461-52950	RELAY, CA TYPE C	1							
32	1	198461-52950	RELAY, CA TYPE C	1							
33	1	129927-77690	WASHER	3							
34	1	129938-77800	SENSOR ASSY	1							
35	2	194990-22130	NUT, M6	1							
36	2	119060-61990	SPRING, RETURN	1							
37	2	129054-77800	SENSOR ASSY	1							
38	3	185100-50070	BODY	1							
39	3	129054-77811	SUPPORT	1							
40	3	129054-77820	GASKET	1							
41	3	129054-77830	SHAFT ASY	1							
42	3	24311-000070	O-RING, 1AP7.0	1							
43	3	26023-040202	SCREW, M4X20	2							
44	2	129938-77810	LEVER	1							
45	2	26106-060122	BOLT, M6X 12 PLATED	2							

0CW10-M84400 4TNV84T-ZXKKTF

Fig.19. ELECTRONIC CONTROL UNIT (ECU)



Remarks
(1)Eco ECU
This part cannot be ordered.
Replace the part using a Service
ECU with the proper engine
information installed.
(2)Service ECU
If the proper information is not
installed, the engine will not
operate.
To install proper information,
go to an authorized Distributor.

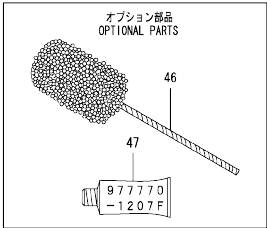
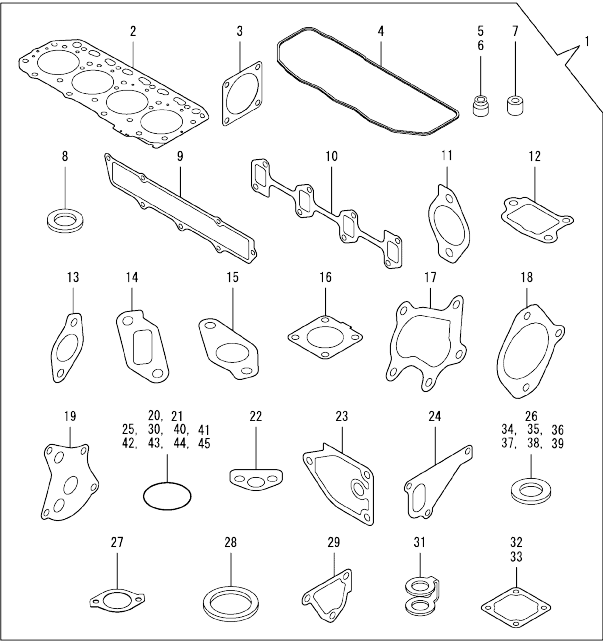
0CW10-M84400 Fig.19

(A)=4TNV84T-ZXKKTF
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129558-75050	ECU ASSY,84T-ZXKKTF	1							1
11	2	129927-77600	SHIELD	1							
12	2	129927-77680	COLLAR	3							
13	2	119578-91351	ABSORBER	3							
14	2	22877-500080	SCREW, 5X 8	6							
19	1	129927-75900	CONTROLLER ASSY, EUC	1							2
20	2	129927-77600	SHIELD	1							
21	2	129927-77680	COLLAR	3							
22	2	119578-91351	ABSORBER	3							
23	2	22877-500080	SCREW, 5X 8	6							

Fig.20. GASKET SET



Remarks
(1)Optional parts.

(A)=4TNV84T-ZXKKTF
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129558-92600	GASKET SET	1							1
2	2	129508-01330	GASKET, HEAD	1							
3	2	124240-01883	GASKET	1							
4	2	129508-11310	GASKET, BONNET	1							
5	2	119717-11340	SEAL, VALVE STEM	8							
6	2	119717-11350	SEAL, VALVE STEM	8							
7	2	119802-11870	PROTECTOR, NOZZLE	4							
8	2	119625-11880	SEAT, NOZZLE	4							
9	2	129508-12110	GASKET, MANIFOLD	1							
10	2	129550-13110	GASKET	1							
11	2	129928-13410	GASKET	2							
12	2	129509-13720	GASKET	1							
13	2	129927-13810	GASKET	1							
14	2	129927-13910	GASKET	1							
15	2	129927-13920	GASKET	1							
16	2	129508-18080	GASKET	1							
17	2	129508-18090	GASKET	1							
18	2	171353-26081	GASKET	1							
19	2	129150-32020	GASKET, PUMP	1							
20	2	119609-32040	O-RING, P16	2							
21	2	129508-33050	O-RING	1							
22	2	129150-35042	GASKET	1							
23	2	129150-35111	GASKET	1							
24	2	129486-42021	GASKET, WATER PUMP	1							
25	2	129486-42140	O-RING, G30	1							
26	2	124465-44950	GASKET, 16	1							
27	2	129795-49551	GASKET	2							
28	2	129150-49811	GASKET, THERMOSTAT	2							
29	2	124395-49840	GASKET	1							
30	2	121850-51960	O-RING	1							
31	2	123907-59550	GASKET	5							
32	2	129100-77510	GASKET	1							
33	2	129150-77511	GASKET	1							
34	2	22190-080002	WASHER, SEAL 6	3							
35	2	22190-100002	WASHER, SEAL 10	2							
36	2	22190-120002	WASHER, SEAL 12	1							
37	2	22190-160002	WASHER, SEAL 16	1							
38	2	23414-080000	GASKET, 8X1.0	1							
39	2	23414-100000	GASKET, 10X1.0	2							
40	2	24311-000120	O-RING, 1AP12.0	7							
41	2	24311-000140	O-RING, 1AP14.0	1							
42	2	24311-000320	O-RING, 1AP32.0	2							
43	2	24316-000160	O-RING, 4DP16.0	1							
44	2	24321-000850	O-RING, 1AG85.0	1							
45	2	24341-000240	O-RING, 1AS24.0	1							
46	1	129400-92420	HONE	1							1
47	1	977770-1207F	GASKET,LIQUID	1							1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
105425-01690	3	3
114110-07761	17	10
114250-53080	16	5
114250-53120	16	9
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123907-11601	16	40
123907-11830	4	36
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129054-42320	13	10
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129100-01640	3	12
129100-23910	9	30
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129508-18010	8	1
129508-18080	8	2
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	20	17
129508-33050	20	21
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