

0CD50-M00870EN

P R E F A C E

This parts catalog is the 1st edition of 4TNV84T-BMDP for DOOSAN INFRACORE PORTABLE POWER.

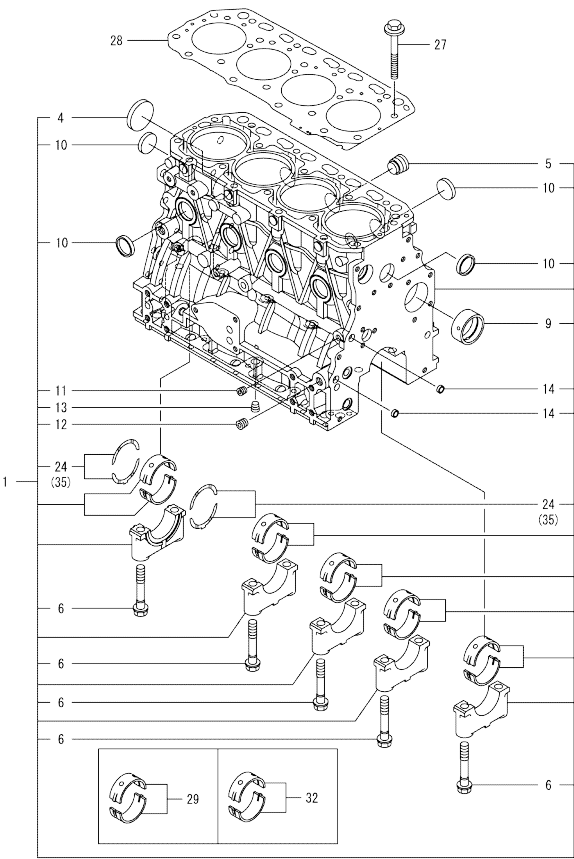
Published : November, 2014

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Fig.1. CYLINDER BLOCK



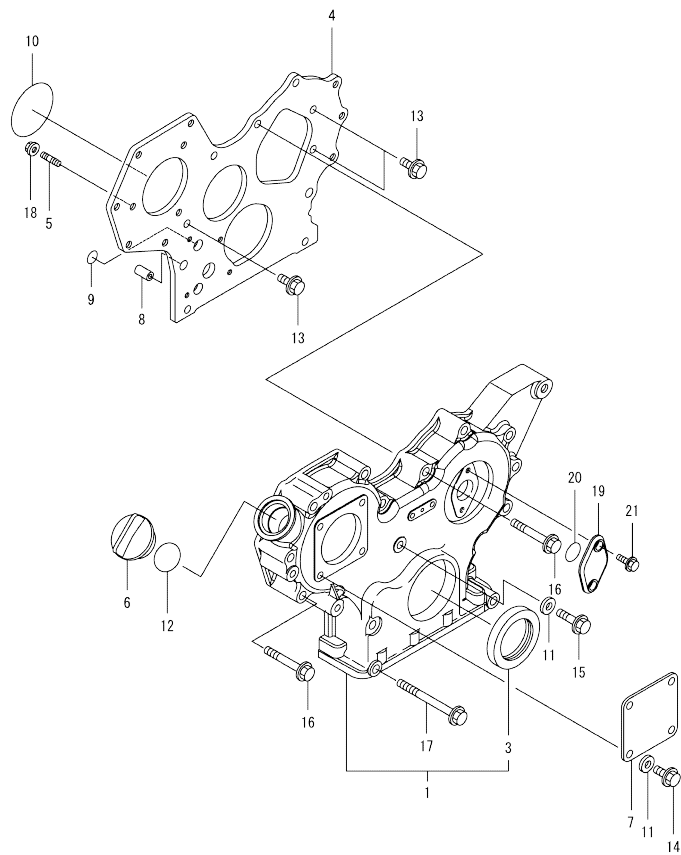
Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

(A)=4TNV84T-8MDP
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729508-01560	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	124160-01910	PLUG, PT1/4	1							
14	2	27241-120000	PLUG, 12	2							
24	2	129150-02931	BEARING, THRUST	2							
27	1	129150-01200	BOLT, HEAD	18							
28	1	129508-01330	GASKET, HEAD	1							
29	1	129001-02931	BEARING, MAIN	5							1
32	1	129150-02871	BEARING, 0.25 US	5							2
35	1	129150-02941	BEARING, THRUST 0.25	1							3

Fig.2. GEAR HOUSING

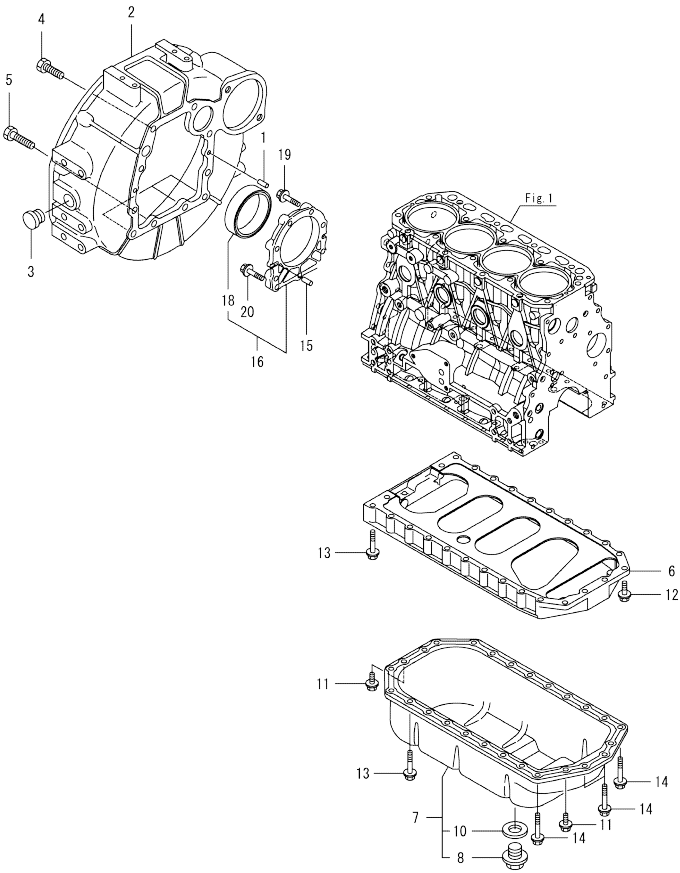


(A)=4TNV84T-8MDP
(B)=
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(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719803-01500	CASE ASSY, GEAR	1							
3	2	119934-01800	SEAL, OIL	1							
4	1	119803-01520	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	121850-51960	O-RING	1							
11	1	22190-080002	WASHER, SEAL 8	5							
12	1	24311-000320	O-RING, 1AP32.0	1							
13	1	26106-080162	BOLT, M8X 16 PLATED	3							
14	1	26106-080162	BOLT, M8X 16 PLATED	4							
15	1	26106-080302	BOLT, M8X 30 PLATED	1							
16	1	26106-080552	BOLT, M8X 55 PLATED	12							
17	1	26106-080852	BOLT, M8X 85 PLATED	3							
18	1	26306-080002	NUT, M8	3							
19	1	121023-01551	COVER	1							
20	1	24341-000240	O-RING, 1AS24.0	1							
21	1	26106-060162	BOLT, M6X 16 PLATED	2							

Fig.3. FLYWHEEL HOUSING & OIL SUMP

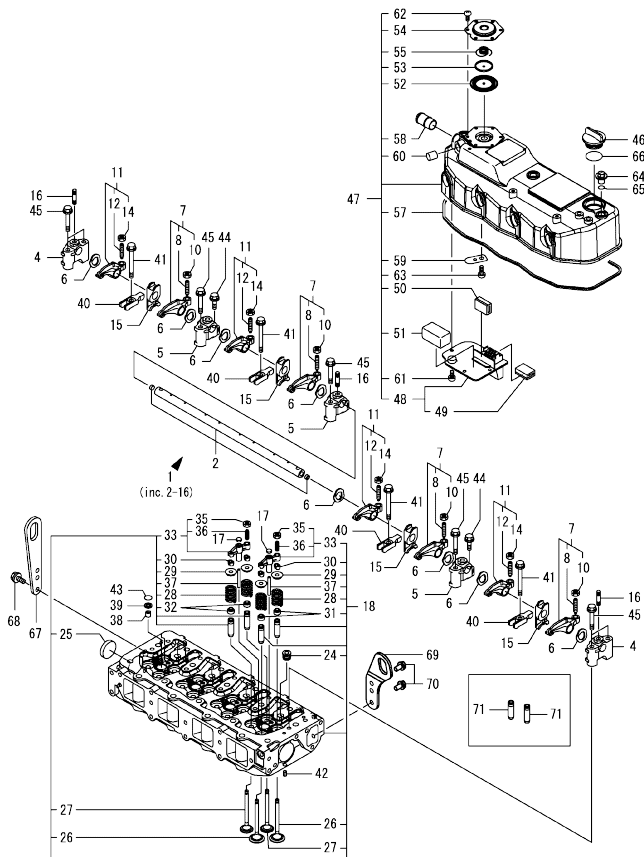


(A)=4TNV84T-8MDP
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, 8X16	2							
2	1	171420-01600	HOUSING, FLYWHEEL	1							
3	1	119620-01750	CAP	1							
4	1	26206-100252	BOLT, M10X 25 PLATED	6							
5	1	26206-100302	BOLT, M10X 30 PLATED	4							
6	1	129400-01730	SPACER, OIL SUMP	1							
7	1	129436-01780	SUMP ASSY, OIL	1							
8	2	119640-01640	PLUG, DRAIN M22	1							
10	2	22190-220002	WASHER, SEAL 22	1							
11	1	26106-080162	BOLT, M8X 16 PLATED	4							
12	1	26106-080252	BOLT, M8X 25 PLATED	2							
13	1	26106-080452	BOLT, M8X 45 PLATED	20							
14	1	26106-080502	BOLT, M8X 50 PLATED	4							
15	1	129100-01580	PIN, 8X16	2							
16	1	129100-01640	CASE ASSY, OIL SEAL	1							
18	2	129795-01780	SEAL, OIL	1							
19	1	129486-01670	BOLT, M8X30	6							
20	1	26106-080352	BOLT, M8X 35 PLATED	3							

Fig.4. CYLINDER HEAD & BONNET



Remarks
(1)Spare parts.

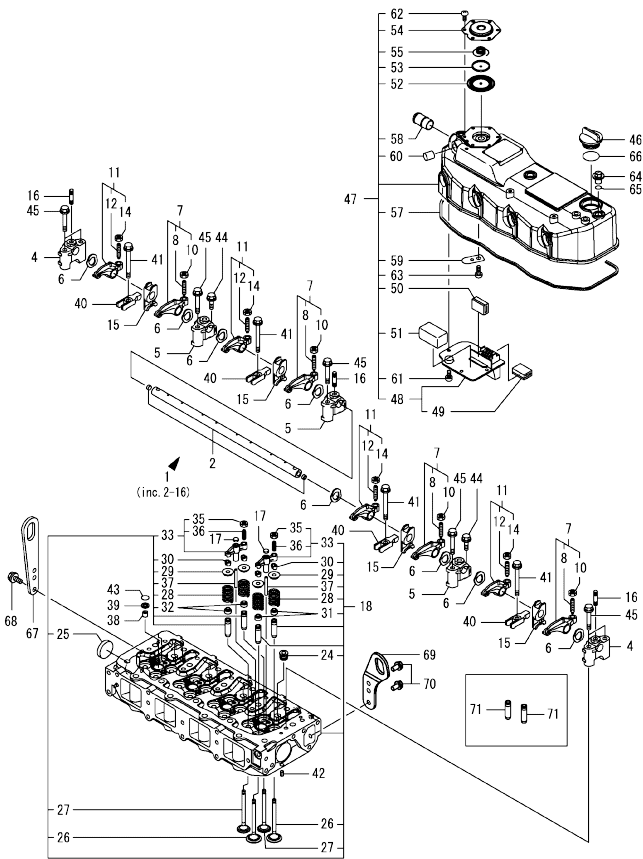
(A)=4TNV84T-BMDP
(B)=
(C)=

(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	129584-11350	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	129001-11340	PIPE , BREATHER	1							
59	2	129009-11340	SPRING	1							
60	2	119640-61400	PLUG	1							
61	2	22857-500100	SCREW, 5X10	4							

N:Old, N:New, Q:Old, Q:New, R:Old, R:New, S:Old, S:New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Fig.4. CYLINDER HEAD & BONNET

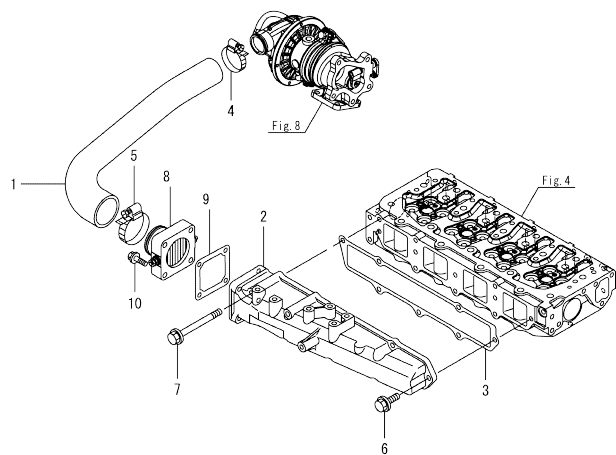


Remarks
(1)Spare parts.

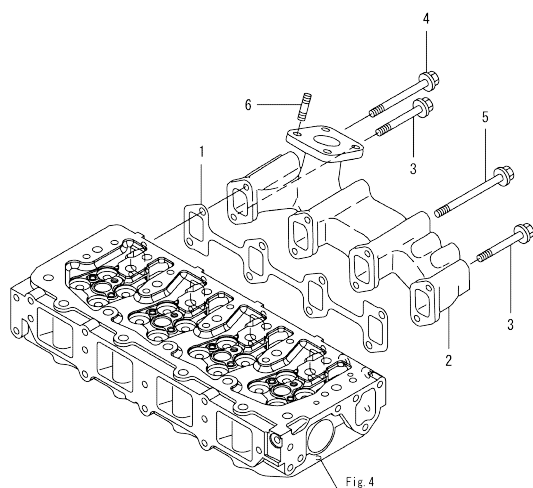
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(B)=
(C)=

(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	22857-500100	SCREW, 5X10	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	26106-080142	BOLT, M8X 14 PLATED	2							
69	1	129486-07930	LIFTER, ENGINE	1							
70	1	26106-080142	BOLT, M8X 14 PLATED	2							
71	1	119717-11800	GUIDE, VALVE	16							1

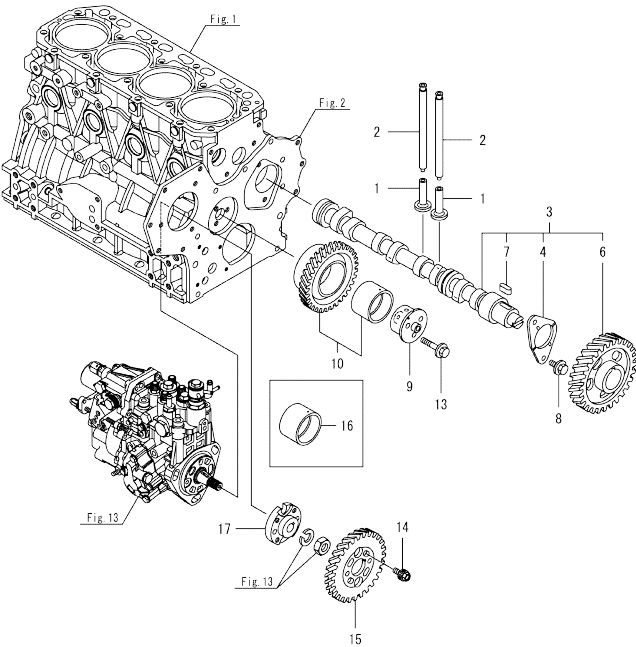


				(A)=4TNV84T-BMDP (B)= (C)=	0CD50-M00870 Fig.5 (D)= (E)= (F)=					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I R
1	1	129584-12060	PIPE, AIR INTAKE	1						
2	1	129508-12101	MANIFOLD, AIR INTAKE	1						
3	1	129508-12110	GASKET, MANIFOLD	1						
4	1	23000-048000	CLAMP, 48	1						
5	1	23000-060000	CLAMP, 60	1						
6	1	26106-080202	BOLT, M8X 20 PLATED	5						
7	1	26106-080802	BOLT, M8X 80 PLATED	2						
8	1	129120-77502	HEATER	1						
9	1	129150-77511	GASKET	1						
10	1	26106-080352	BOLT, M8X 35 PLATED	4						



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129550-13110	GASKET	1							
2	1	129403-13120	MANIFOLD, EXHAUST	1							
3	1	119802-13650	BOLT, M8x65	3							
4	1	119802-13670	BOLT, M8x85	1							
5	1	119802-13820	BOLT, M8x100 9.8T	4							
6	1	119131-18320	STUD, M8x22	4							

Fig.7. CAMSHAFT & DRIVING GEAR

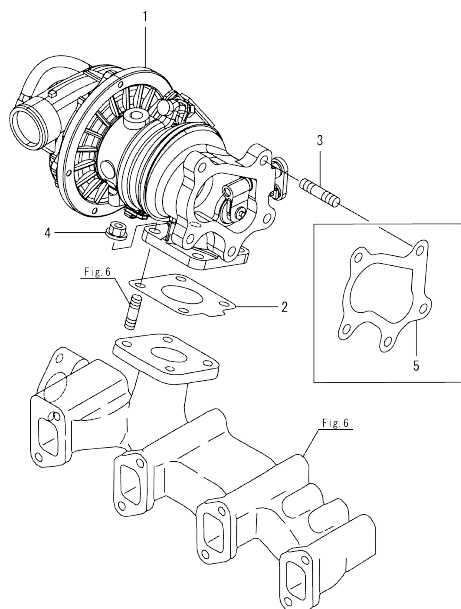


Remarks
(1)Spare parts.

(A)=4TNV84T-8MDP
(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	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	119802-25071	BUSH, IDLE GEAR	1							1
17	1	158552-51151	FLANGE	1							

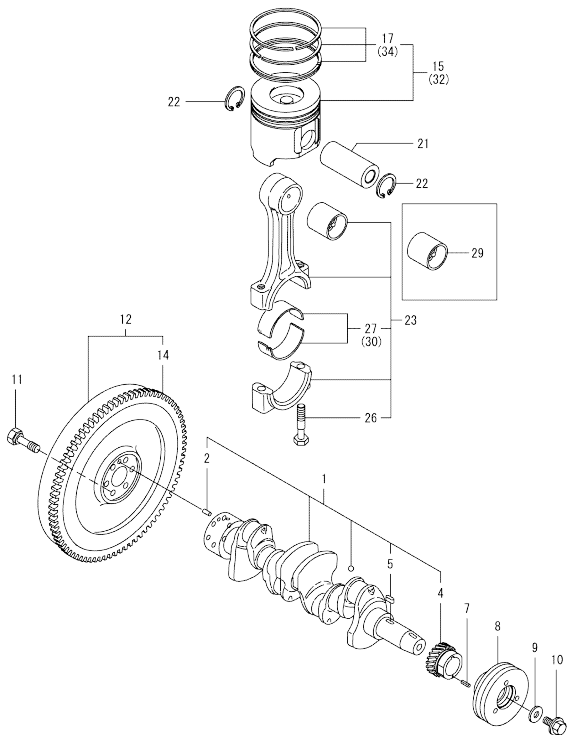


No.	Lev.	Parts No.	Description	(A)=4TNV84T-BMDP		(D)=		(E)=		I	R
				(B)=	(C)=	(C)	(D)	(E)	(F)		
1	1	129508-18010	TURBINE, RHF4			1					
2	1	129508-18080	GASKET			1					
3	1	129418-18320	STUD, M8X20			5					
4	1	26306-080002	NUT, M8			5					
5	1	129508-18090	GASKET			2					1

Remarks
(1) Loose parts.

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

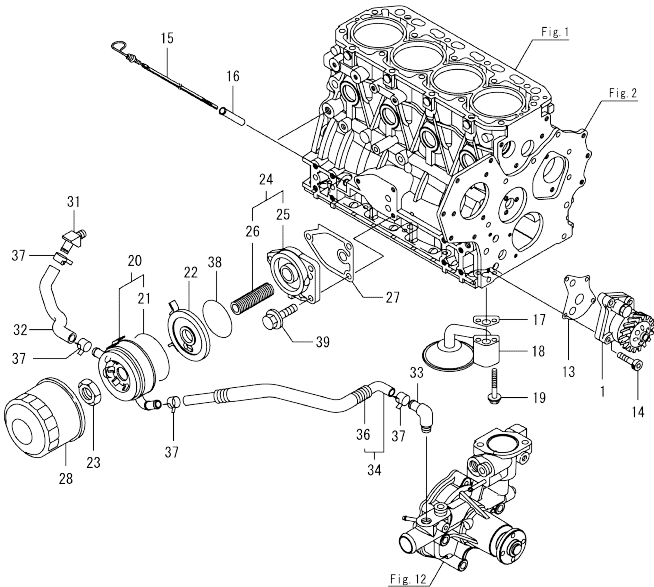
Fig.9. CRANKSHAFT & PISTON



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129509-21000	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, 8X16	1							
4	2	119803-21200	GEAR, CRANKSHAFT	1							
5	2	22512-070140	KEY, 7X 14	1							
7	1	22351-030010	PIN, SPRING 3.0X10	1							
8	1	129536-21650	V-PULLEY, CRANKSHAFT	1							
9	1	129795-21661	WASHER	1							
10	1	121850-21680	BOLT	1							
11	1	121111-21501	BOLT, FLYWHEEL	6							
12	1	171420-21590	FLYWHEEL ASSY	1							
14	2	124550-21600	GEAR, RING	1							
15	1	129508-22080	PISTON ASSY	4							
17	2	129004-22500	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	129100-23910	BEARING, PISTON PIN	4							1
30	1	129150-23611	BEARING, 0.25 US	4							2
32	1	129508-22900	PISTON ASSY, 0.25 OS	4							3
34	2	129004-22950	RING SET, 0.25 OS	4							3

Fig.10. LUB. OIL SYSTEM

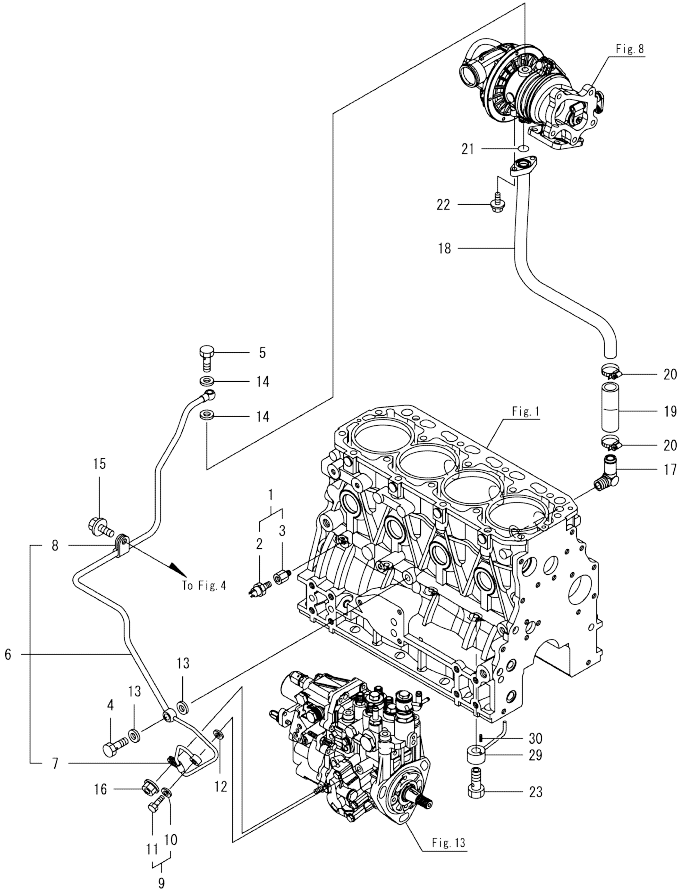


(A)=4TNV84T-8MDP
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129418-32000	PUMP ASSY, OIL	1							
13	1	129150-32020	GASKET, PUMP	1							
14	1	26450-060252	BOLT, M6X 25	4							
15	1	129004-34802	DIPSTICK, OIL	1							
16	1	121520-34810	GUIDE, DIPSTICK	1							
17	1	129150-35042	GASKET	1							
18	1	129436-35070	PIPE ASSY	1							
19	1	26106-080552	BOLT, M8X 55 PLATED	2							
20	1	123962-33010	COOLER ASSY, OIL	1							
21	2	123912-33050	O-RING	1							
22	1	129648-33100	BRACKET, COOLER	1							
23	1	129417-33111	NUT, OIL COOLER	1							
24	1	129648-35100	BRACKET ASSY, FILTER	1							
25	2	119802-35110	BRACKET, FILTER	1							
26	2	129648-35150	STUD	1							
27	1	129150-35111	GASKET	1							
28	1	119802-35170	FILTER, 80X80L ASSY	1							
31	1	129648-44400	JOINT, PT1/4	1							
32	1	129648-49040	PIPE, WATER	1							
33	1	129103-49301	ELBOW, PT1/4	1							
34	1	123910-49600	PIPE, WATER	1							
36	2	123910-49610	TUBE, CORRUGATED	1							
37	1	23000-025000	CLAMP, 25	4							
38	1	24321-000600	O-RING, 1AG60.0	1							
39	1	26106-080202	BOLT, M8X 20 PLATED	3							

Fig.11. LUB. OIL PIPE



(A)=4TNV84T-8MDP
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119940-39470	SWITCH	1							
2	2	119802-39460	SWITCH	1							
3	2	119285-39610	ADAPTER	1							
4	1	124160-39140	BOLT, PIPE JOINT M10	1							
5	1	121252-39150	BOLT, PIPE JOINT M10	1							
6	1	129508-39450	PIPE ASSY, OIL	1							
7	2	119802-39500	RETAINER, PIPE	1							
8	2	124223-39900	RETAINER	1							
9	1	129005-59830	BOLT ASSY, JOINT M8	1							
10	2	22190-080002	WASHER, SEAL 8	1							
11	2	23857-030000	BOLT, JOINT 3	1							
12	2	22190-080002	WASHER, SEAL 8	1							
13	1	22190-100002	WASHER, SEAL 10	2							
14	1	23414-100000	GASKET, 10X1.0	2							
15	1	26106-080122	BOLT, M8X 12 PLATED	1							
16	1	26366-060002	NUT, M6	1							
17	1	124070-13300	ELBOW, PT3/8	1							
18	1	129508-39600	PIPE, OIL	1							
19	1	123901-39820	HOSE	1							
20	1	23000-025000	CLAMP, 25	2							
21	1	24316-000160	O-RING, 4DP16.0	1							
22	1	26106-060162	BOLT, M6X 16 PLATED	2							
23	1	129792-39410	VALVE ASSY, CHECK	4							
29	1	129553-39650	NOZZLE	4							
30	1	22351-030010	PIN, SPRING 3.0X10	4							

Fig.12. COOLING WATER SYSTEM

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129486-42021	GASKET, WATER PUMP	1							
2	1	129004-42040	JOINT	1							
3	1	129536-42050	PUMP ASSY, WATER	1							
5	2	129100-42051	GASKET, WATER PUMP	1							
6	2	129100-42121	PLATE	1							
10	2	26577-060152	SCREW, M6X15	3							
12	2	119802-49113	JOINT, PIPE	2							
13	2	129916-49740	PLUG, R03	2							
14	2	23876-010000	PLUG, R01	1							
15	2	23875-020000	PLUG, R02	1							
16	1	129486-42140	O-RING, G30	1							
17	1	124395-49840	GASKET	1							
18	1	23414-080000	GASKET, 8X1.0	1							
19	1	26106-080122	BOLT, M8X 12 PLATED	1							
20	1	26106-080162	BOLT, M8X 16 PLATED	3							
21	1	26106-080452	BOLT, M8X 45 PLATED	1							
22	1	26106-080602	BOLT, M8X 60 PLATED	3							
23	1	129536-42350	V-PULLEY, C.W.PUMP B	1							
24	1	129950-77280	V-BELT, B38.5	1							
25	1	129916-44740	FAN, COOLING D=430	1							
26	1	129601-44770	SPACER, FAN	1							
27	1	26106-060552	BOLT, M6X 55 PLATED	4							
28	1	26106-080162	BOLT, M8X 16 PLATED	4							
29	1	129155-49801	THERMOSTAT, 71	1							
30	1	129150-49811	GASKET, THERMOSTAT	1							
31	1	129350-49530-1	COVER, THERMOSTAT	1							
32	1	129795-49551	GASKET	1							
33	1	26106-080222	BOLT, M8X 22 PLATED	2							
35	1	121450-42450	PLUG, M16	1							
36	1	119843-44900	SWITCH, 110	1							
37	1	124465-44950	GASKET, 16	1							
38	1	124465-44950	GASKET, 16	1							
39	1	129004-49610	PIPE ASSY, WATER	1							
40	2	129004-49711	PIPE ASSY, WATER	1							
41	2	119802-49730	RETAINER, PIPE	1							
42	2	124722-59050	CLIP, HOSE 9	2							
43	1	129004-49620	PIPE ASSY, WATER	1							
44	2	129004-49721	PIPE ASSY, WATER	1							
45	2	124722-59050	CLIP, HOSE 9	2							

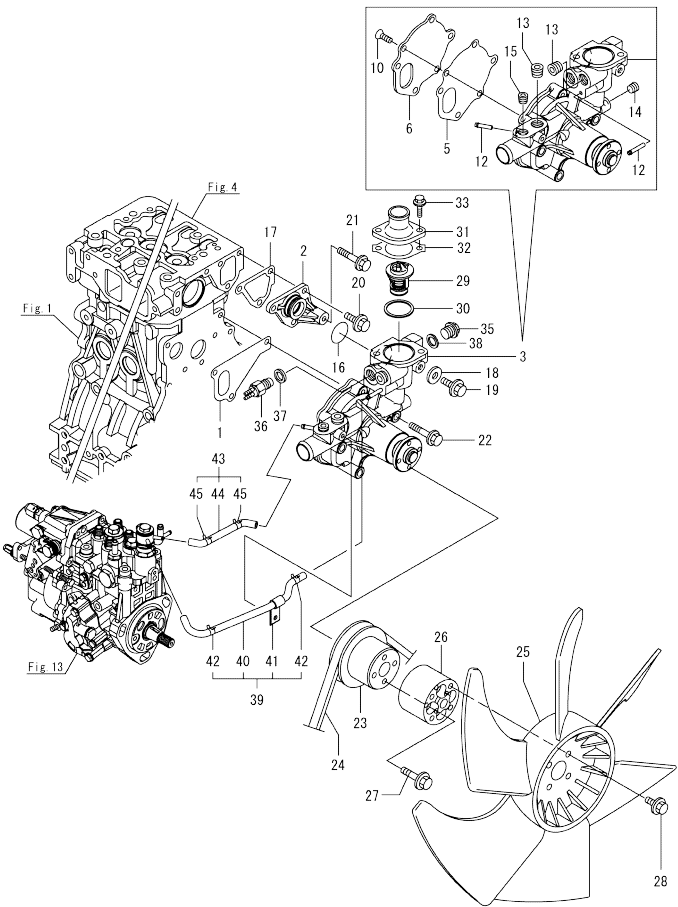
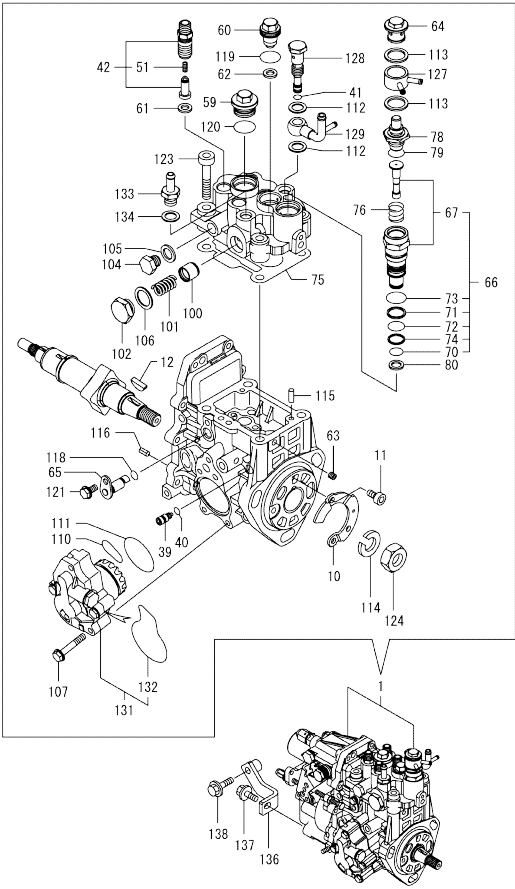


Fig.13. FUEL INJECTION PUMP



Remarks
(1)Governor(Fig.14) is incorporated in this Fuel Injection Pump(No.1).

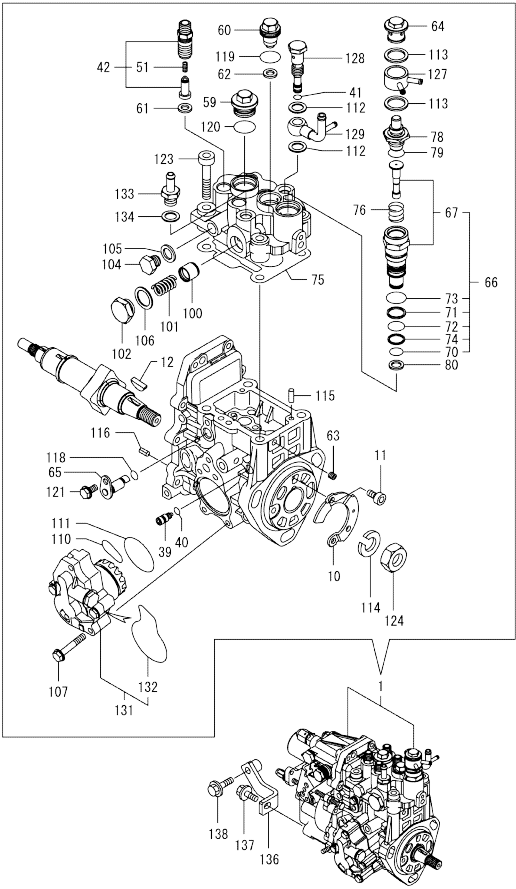
(A)=4TNV84T-8MDP
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729588-51300	PUMP ASSY, INJECTION	1							1
10	2	129008-51900	COVER, GEAR CASE	1							
11	2	129008-51920	BOLT, M6X10	2							
12	2	119802-51090	KEY, 4X16	1							
39	2	158600-51270	STOPPER, TAPPET	1							
40	2	158563-51281	O-RING, 4D S6	1							
41	2	158563-51281	O-RING, 4D S6	1							
42	2	129509-51390	VALVE ASSY, DELIVERY	4							
51	3	158563-51330	SPRING, DELIVERY	4							
59	2	158601-51550	PLUG	1							
60	2	119802-51560	PLUG, BARREL	1							
61	2	158552-51571	GASKET	4							
62	2	158552-51571	GASKET	1							
63	2	158557-51570	PLUG	1							
64	2	158601-51570	PLUG	1							
65	2	158552-51580	LIFTER	1							
66	2	119802-51590	TIMER SET	1							
67	3	119802-51600	TIMER ASSY	1							
70	3	158553-51670	O-RING, 1011	1							
71	3	119802-51680	RING, BACK UP	1							
72	3	119802-51690	O-RING	1							
73	3	24356-190200	O-RING, 4D19020	1							
74	3	24372-000150	RING, BACK UP T2P15	1							
75	2	158552-51600	GASKET	1							
76	2	158553-51630	SPRING, TIMER	1							
78	2	158553-51640	ELEMENT	1							
79	2	158553-51660	O-RING, P14	1							
80	2	158553-51680	GASKET	1							
100	2	158601-51770	PISTON	1							
101	2	158552-51781	SPRING	1							
102	2	158601-51790	PLUG	1							
104	2	158553-51930	PLUG, M12	1							
105	2	22190-120002	WASHER, SEAL 12	1							
106	2	22190-180002	WASHER, SEAL 18	1							
107	2	158553-51770	BOLT	4							
110	2	158552-52311	O-RING	1							
111	2	158552-52400	O-RING, 4E S42	1							
112	2	22190-120002	WASHER, SEAL 12	2							
113	2	22190-180002	WASHER, SEAL 18	2							
114	2	22217-140000	WASHER, SPRING 14	1							
115	2	22312-050140	PIN, PARALLEL 5X14	2							
116	2	22351-050010	PIN, SPRING 5.0X10	2							
118	2	24311-000070	O-RING, 1AP7.0	1							
119	2	24356-190180	O-RING, 4D19018	1							
120	2	24356-190200	O-RING, 4D19020	1							
121	2	26106-060102	BOLT, M6X 10 PLATED	1							
123	2	26450-080452	BOLT, M8X 45	4							
124	2	26776-140002	NUT, LOCK M14	1							
127	2	158553-51551	JOINT	1							
128	2	158601-51650	JOINT, OVER FLOW	1							
129	2	158552-51670	JOINT, OVER FLOW	1							

N:Old $\frac{100}{100}$ New, O: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.13. FUEL INJECTION PUMP



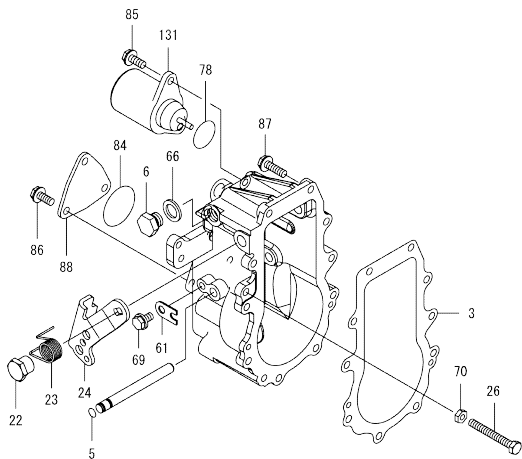
Remarks
(1)Governor(Fig.14) is incorporated in this Fuel Injection Pump(No.1).

(A)=4TNV84T-8MDP
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
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							
136	1	129508-51250	RETAINER, PUMP	1							
137	1	26106-080202	BOLT, M8X 20 PLATED	1							
138	1	26106-080302	BOLT, M8X 30 PLATED	1							

OCD50-M00870 ENGINE
Fig.14. GOVERNOR



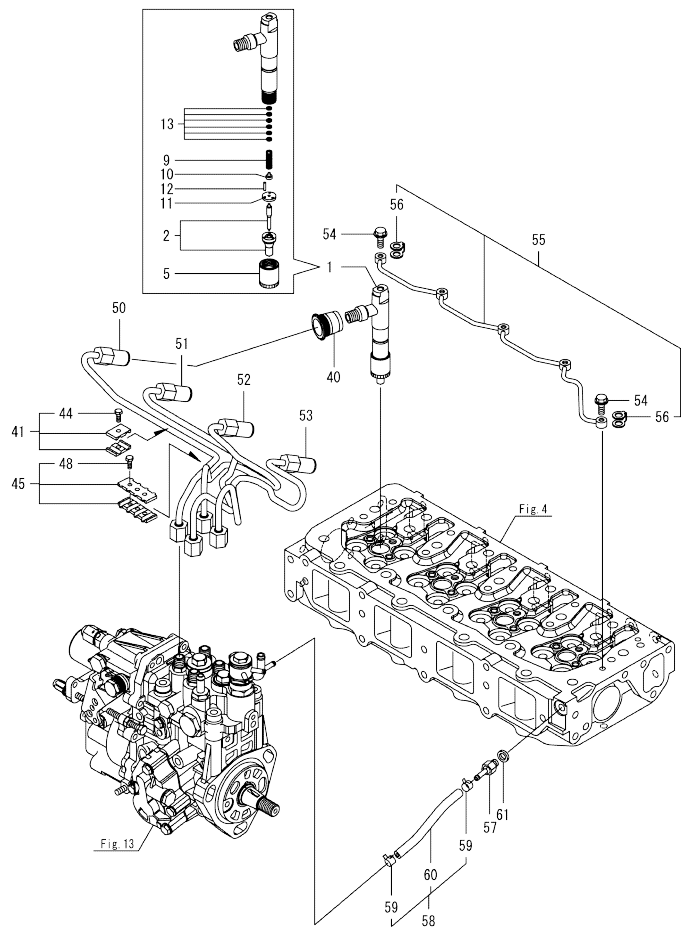
Remarks
* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.13).

				(A)=4TNV84T-BMDP	OCD50-M00870 Fig.14						
				(B)=	(D)=						
				(C)=	(E)=						
					(F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	2	158553-61050	GASKET	1							
5	2	129155-51280	O-RING, S6	1							
6	2	158553-51930	PLUG, M12	1							
22	2	129255-61410	NUT, LOCK	1							
23	2	119807-61420	SPRING, RETURN	1							
24	2	158552-61441	LEVER, REGULATOR	1							
26	2	129155-61460	BOLT, IDLE	1							
61	2	119660-61901	RETAINER, SHAFT	1							
66	2	22190-120002	WASHER, SEAL 12	1							
69	2	26106-060102	BOLT, M6X 10 PLATED	1							
70	2	26756-060002	NUT, LOCK M6	1							
78	2	158552-61900	O-RING	1							
84	2	24341-000360	O-RING, 1AS36.0	1							
85	2	26106-060142	BOLT, M6X 14 PLATED	2							
86	2	26106-060142	BOLT, M6X 14 PLATED	3							
87	2	26106-060202	BOLT, M6X 20 PLATED	10							
88	2	158563-61060	COVER, GOVERNOR CASE	1							
131	2	119653-77950	SOLENOID, STOP	1							

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

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Fig.15. FUEL INJECTION VALVE

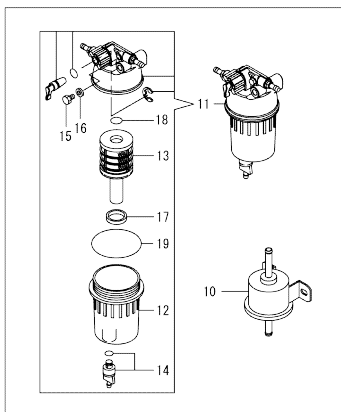


(A)=4TNV84T-8MDP
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729530-53100	VALVE ASSY,INJECTION	4							
2	2	129937-53000	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	2							
44	2	129150-59131	BOLT, M4X14	2							
45	1	129550-59120	RETAINER, PIPE	1							
48	2	129150-59131	BOLT, M4X14	2							
50	1	129508-59910	PIPE ASSY, INJECTION	1							
51	1	129508-59920	PIPE ASSY, INJECTION	1							
52	1	129508-59930	PIPE ASSY, INJECTION	1							
53	1	129508-59940	PIPE ASSY, INJECTION	1							
54	1	123907-59540	BOLT, PIPE JOINT M6	5							
55	1	129508-59550	PIPE ASSY, RETURN	1							
56	2	123907-59550	GASKET	5							
57	1	123907-59560	JOINT	1							
58	1	129508-59570	PIPE ASSY, RETURN	1							
59	2	124722-59050	CLIP, HOSE 9	2							
60	2	129508-59510	PIPE, FUEL RETURN	1							
61	1	22190-080002	WASHER, SEAL 8	1							

Fig.16. LUB. OIL PIPE



Remarks
(1) Loose parts.

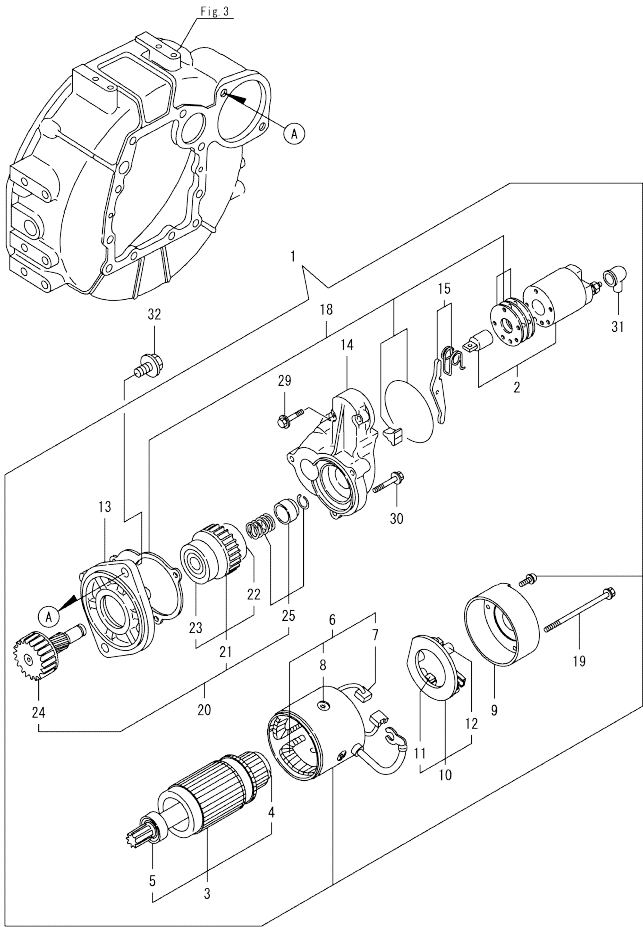
(A)=4TNV84T-BMDP
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129004-55612	BRACKET, FILTER	1							
2	1	119802-55840	FILTER, FUEL OIL	1							
3	1	26106-080302	BOLT, M8X 30 PLATED	2							
4	1	129210-59110	PIPE ASSY, FUEL	1							
5	2	124766-59050	CLIP, HOSE 11.5	2							
6	2	105025-59560	PIPE, FUEL	1							
7	1	129210-59160	PIPE ASSY, FUEL	1							
8	2	124766-59050	CLIP, HOSE 11.5	2							
9	2	129612-59520	PIPE, FUEL	1							
10	1	119225-52102	PUMP ASSY, FUEL FEED	1							1
11	1	129242-55711	SEPARATOR ASSY	1							1
12	2	129242-55720	CUP	1							1
13	2	129242-55730	ELEMENT	1							1
14	2	129242-55740	PLUG, DRAIN	1							1
15	2	129242-55750	VALVE, AIR VENT	1							1
16	2	129242-55760	GASKET	1							1
17	2	129242-55770	FLOAT	1							1
18	2	24311-000160	O-RING, 1AP16.0	1							1
19	2	24321-000750	O-RING, 1AG75.0	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:Qty Change

Fig.17. STARTER MOTOR



(A)=4TNV84T-8MDP
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129136-77011	STARTER	1							
2	2	129136-77310	SWITCH ASSY	1							
3	2	129900-77400	ARMATURE ASSY	1							
4	3	X2130350900	BEARING, BALL	1							
5	3	X2114255110	BEARING, BALL	1							
6	2	129900-77440	COIL ASSY, FIELD	1							
7	3	129900-77450	BRUSH	2							
8	3	171008-77450	SCREW	4							
9	2	129900-77460	COVER	1							
10	2	129900-77480	HOLDER ASSY, BRUSH	1							
11	3	129900-77450	BRUSH	2							
12	3	129400-77490	SPRING	4							
13	2	171008-77510	CASE, GEAR	1							
14	2	129136-77520	HOUSING	1							
15	2	171008-77540	LEVER SET	1							
18	2	129400-77571	COVER ASSY, DUST	1							
19	2	129900-77640	BOLT, THROUGH	2							
20	2	171008-77650	PINION ASSY	1							
21	3	X2114555500	CLUTCH ASSY	1							
22	4	X2114955020	BEARING, BALL	1							
23	4	X2240410100	BEARING, BALL	1							
24	3	171008-77660	SHAFT	1							
25	3	171008-77670	STOPPER SET	1							
29	2	26106-060322	BOLT, M6X 32 PLATED	2							
30	2	26106-060402	BOLT, M6X 40 PLATED	3							
31	2	171008-77750	COVER	1							
32	1	26106-120252	BOLT, M12X 25 PLATED	2							

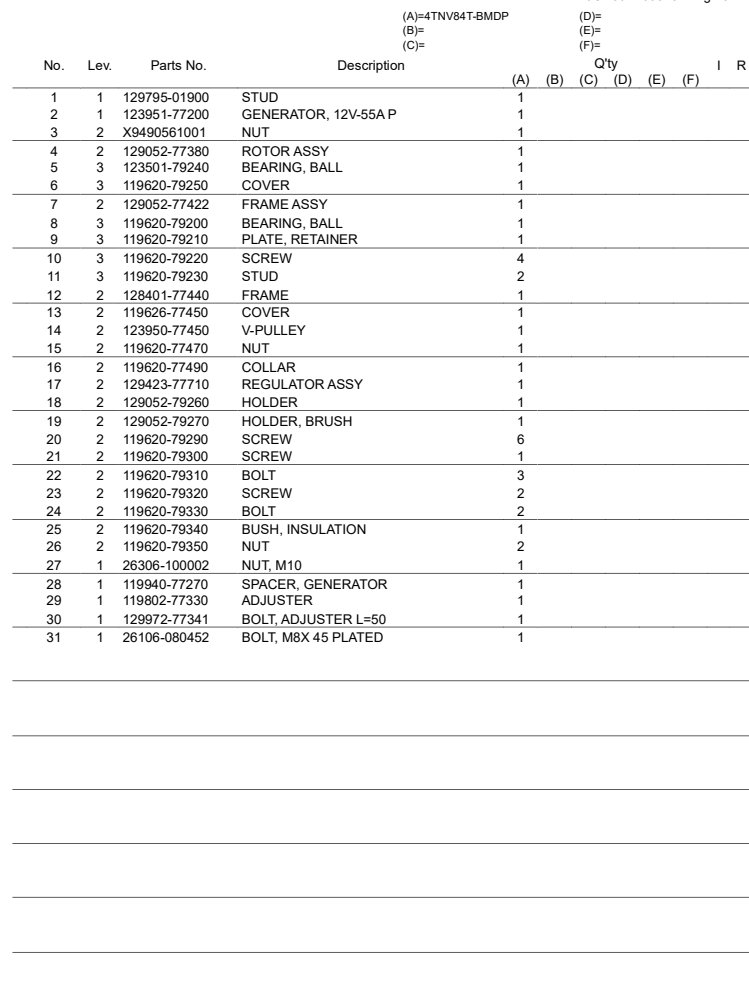
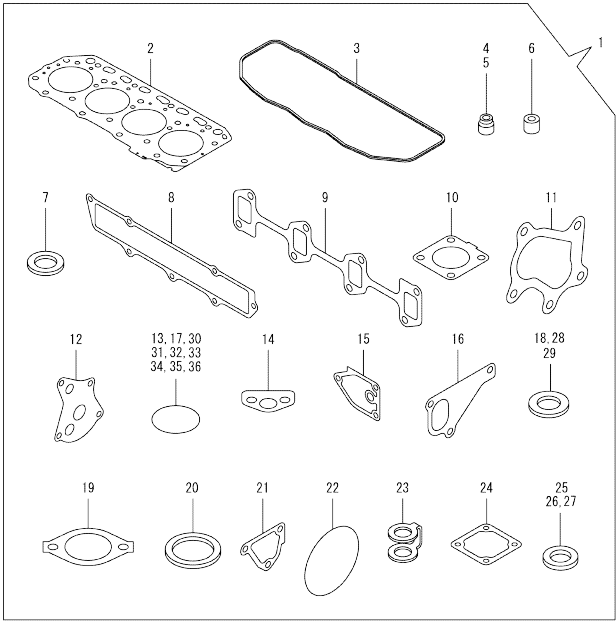


Fig.19. GASKET SET



(A)=4TNV84T-8MDP
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129536-92040	PACKING	1							1
2	2	129508-01330	GASKET, HEAD	1							
3	2	129508-11310	GASKET, BONNET	1							
4	2	119717-11340	SEAL, VALVE STEM	8							
5	2	119717-11350	SEAL, VALVE STEM	8							
6	2	119802-11870	PROTECTOR, NOZZLE	4							
7	2	119625-11880	SEAT, NOZZLE	4							
8	2	129508-12110	GASKET, MANIFOLD	1							
9	2	129550-13110	GASKET	1							
10	2	129508-18080	GASKET	1							
11	2	129508-18090	GASKET	1							
12	2	129150-32020	GASKET, PUMP	1							
13	2	119609-32040	O-RING, P16	2							
14	2	129150-35042	GASKET	1							
15	2	129150-35111	GASKET	1							
16	2	129486-42021	GASKET, WATER PUMP	1							
17	2	129486-42140	O-RING, G30	1							
18	2	124465-44950	GASKET, 16	2							
19	2	129795-49551	GASKET	1							
20	2	129150-49811	GASKET, THERMOSTAT	1							
21	2	124395-49840	GASKET	1							
22	2	121850-51960	O-RING	1							
23	2	123907-59550	GASKET	5							
24	2	129150-77511	GASKET	1							
25	2	22190-080002	WASHER, SEAL 8	8							
26	2	22190-100002	WASHER, SEAL 10	2							
27	2	22190-220002	WASHER, SEAL 22	1							
28	2	23414-080000	GASKET, 8X1.0	1							
29	2	23414-100000	GASKET, 10X1.0	2							
30	2	24311-000120	O-RING, 1AP12.0	7							
31	2	24311-000300	O-RING, 1AP30.0	1							
32	2	24311-000320	O-RING, 1AP32.0	3							
33	2	24316-000160	O-RING, 4DP16.0	1							
34	2	24316-240100	O-RING, 4DP10A	1							
35	2	24321-000600	O-RING, 1AG60.0	1							
36	2	24341-000240	O-RING, 1AS24.0	1							

Remarks
(1)Optional parts.

Parts No. Index

Parts No.	Fig. No.	Ref. No.
105025-59560	16	6
114250-53080	15	5
114250-53120	15	9
114250-53130	15	10
114250-53140	15	11
114250-53210	15	12
119131-18320	6	6
119225-52102	16	10
119285-39610	11	3
119305-59120	15	41
119609-32040	2	9
	19	13
119620-01750	3	3
119620-77470	18	15
119620-77490	18	16
119620-79200	18	8
119620-79210	18	9
119620-79220	18	10
119620-79230	18	11
119620-79250	18	6
119620-79290	18	20
119620-79300	18	21
119620-79310	18	22
119620-79320	18	23
119620-79330	18	24
119620-79340	18	25
119620-79350	18	26
119625-11880	4	39
	19	7
119626-77450	18	13
119640-01640	3	8
119640-61400	4	60
119653-77950	14	131
119660-61901	14	61
119717-11190	4	30
119717-11340	4	31
	19	4
119717-11350	4	32
	19	5
119717-11800	4	71
119802-01561	2	5
119802-03070	4	49
119802-11870	4	38
	19	6
119802-13650	6	3
119802-13670	6	4
119802-13820	6	5
119802-25071	7	16
119802-25101	7	10
119802-25901	7	15

Parts No.	Fig. No.	Ref. No.
119802-35110	10	25
119802-35170	10	28
119802-39460	11	2
119802-39500	11	7
119802-49113	12	12
119802-49730	12	41
119802-51090	13	12
119802-51560	13	60
119802-51590	13	66
119802-51600	13	67
119802-51680	13	71
119802-51690	13	72
119802-55840	16	2
119802-77330	18	29
119803-01520	2	4
119803-21200	9	4
119803-25050	7	9
119803-53400	15	13
119807-61420	14	23
119843-44900	12	36
119934-01800	2	3
119934-59910	13	133
119940-39470	11	1
119940-77270	18	28
121023-01551	2	19
121111-21501	9	11
121252-39150	11	5
121450-42450	12	35
121520-34810	10	16
121550-23200	9	26
121850-21680	9	10
121850-51960	2	10
	19	22
123501-79240	18	5
123901-39820	11	19
123907-03100	4	52
123907-03110	4	53
123907-03120	4	54
123907-03140	4	55
123907-11550	4	17
123907-11601	15	40
123907-11830	4	36
123907-59540	15	54
123907-59550	15	56
	19	23
123907-59560	15	57
123910-49600	10	34
123910-49610	10	36
123912-33050	10	21
123950-77450	18	14

Parts No.	Fig. No.	Ref. No.
123951-77200	18	2
123962-33010	10	20
124060-01050	1	11
124070-13300	11	17
124160-01751	2	6
	4	46
124160-01910	1	12
		13
124160-11360	4	64
124160-39140	11	4
124223-39900	11	8
124240-01871	2	7
124395-49840	12	17
	19	21
124465-44950	12	37
		38
	19	18
124550-21600	9	14
124722-59050	12	42
		45
	15	59
124766-59050	16	5
		8
128401-77440	18	12
129001-01250	1	4
129001-02931	1	29
129001-11340	4	58
129004-22500	9	17
129004-22950	9	34
129004-34802	10	15
129004-42040	12	2
129004-49610	12	39
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