

0CW10-M73300EN

P R E F A C E

1. This parts catalog is the 1st edition of 3TNV88-BKVA for VALPADANA.

Pub.No. : 0CW10-G73300

Published : February, 2012

2. Model name

Engine model	Vehicle	Vehicle made by
3TNV88-BKVA	TRACTOR	VALPADANA

Directions for the Parts Catalog.

1. This Parts Catalog shows both standard and optional parts.
2. Parts may change without prior notice.
3. The following is an example of the Parts Catalog format.

OCF10-G21601 29. FUEL INJECTION PUMP(W/BOOST)

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1			1
1-1	1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1		N	1
		(A=E00185) (B=E00200)									
3	2	26022-060162	SCREW M 6X 16	9	9	9	9	9			
3-1	2	26022-060162	SCREW M 6X 16	4	4	4	4	4		K	
		(A=E00156) (B=E00156) (C=E00156) (D=E00156) (E=E00156)									
4	2	129470-51040	CAMSHAFT	1	1	1	1	1			
5	2	122710-51050	BEARING, ROLLER	2	2	2	2	2			
6	2	129470-51060	RETAINER	1	1	1	1	1			

Remarks

(1) BOOST COMPENSATOR TYPE. OPTIONAL PART, TO E00155, (4JH-DT, 4JH-DTZ)

① Ref. No.

The Ref. No. listed may not be in accordance with the illustration Ref. No.

(Ex.) Illustration No.

List Ref No.

1 1 (Before change) → 1-1 (After change)

For interchangeable symbols N, R and K, illustrations for new parts may be abbreviated.

② Lev. (Level)

Level indication

The numbers below indicate the level of relativity towards the main part.

1 ---- Main parts (Assembly parts)

2 ---- Sub component included in " 1 ".

3 ---- Sub component included in " 2 ".

Note) Parts that are not for sale are partially illustrated but not listed.

③ Interchangeability Symbol

When a part change takes place, one of the following interchangeability symbols is indicated beside the part.

Symbol	Interchangeability	Contents note
N	Old $\xrightarrow{\text{Yes}}$ New $\xrightarrow{\text{No}}$ New	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\xrightarrow{\text{No}}$ New $\xrightarrow{\text{Yes}}$ New	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\xrightarrow{\text{Yes}}$ New $\xrightarrow{\text{Yes}}$ New	New/ Old Parts are both interchangeable.
S	Old $\xrightarrow{\text{No}}$ New $\xrightarrow{\text{No}}$ New	New/ Old Parts are both not interchangeable.
W		Part newly added.
Z		Part discontinued.
F		Not interchangeable by a single part but interchangeable together with related parts.
K		Changes only for used parts quantities.

④ Effective Machine No.

When a part changes, the effective Machine No. will be indicated in the (A)-(F) column.

Product Symbol	Product No.	Product Symbol	Product No.
C	Clutch No. Compressor No.	F	Machine No. (Agricultural Equip.)
D	Drive No.	M	Machine No.
E	Engine No.		

Note 1) A date may follow the symbol. (Ex.) 1996.01

Note 2) "XXXXX" and "ZZZZZ" are for parts that could not be predicted or for engine models that could not be identified.

Note 3) (A=E00185) is the E (Engine Serial Number) for the column (A) model (in this case 4JH-DT) after the parts design change.

⑤ Remarks

Figures or alphabets (symbols) are entered in the remarks column.

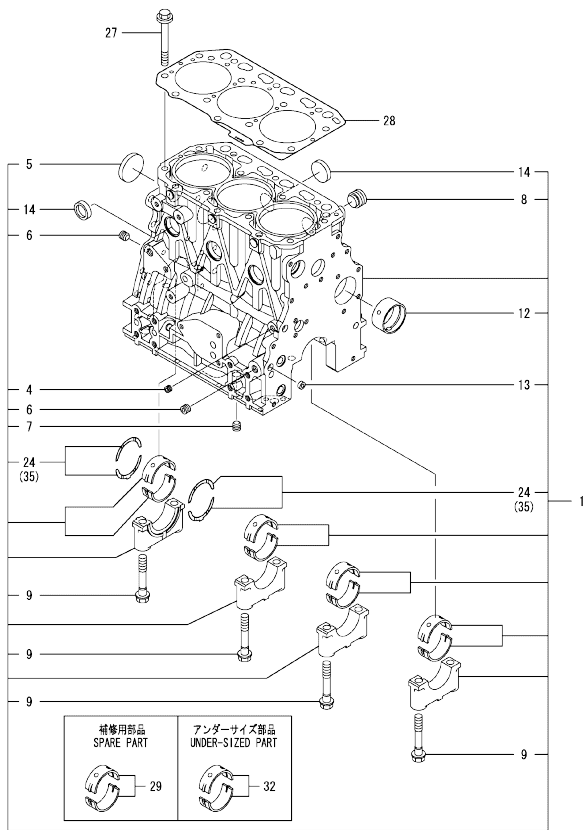
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

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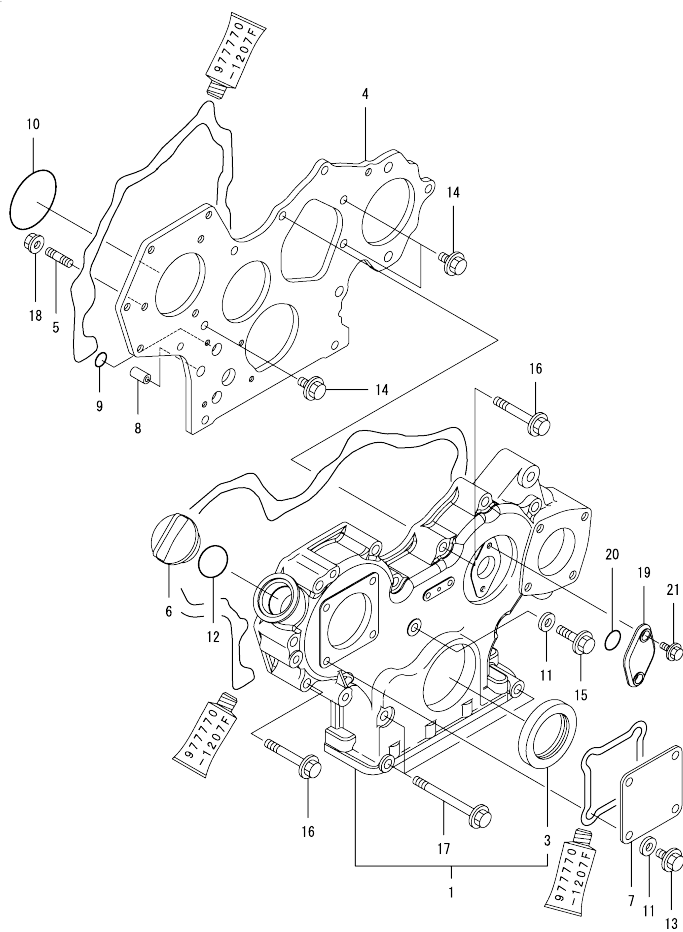
Fig.1. CYLINDER BLOCK



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	729005-01560	BLOCK ASSY, CYLINDER	1							
4	2	124060-01050	PLUG, PT1/8	1							
5	2	129001-01250	PLUG, 50	1							
6	2	124160-01910	PLUG, PT1/4	2							
7	2	124160-01910	PLUG, PT1/4	1							
8	2	171051-01921	PLUG, NPTF1	1							
9	2	129150-02020	BOLT, METAL CAP	8							
12	2	129795-02412	BUSH, CAMSHAFT	1							
13	2	27241-120000	PLUG, 12	2							
14	2	27241-300000	PLUG 30	6							
24	2	129150-02931	BEARING, THRUST	2							
27	1	129150-01200	BOLT, HEAD	14							
28	1	129001-01340	GASKET, HEAD	1							
29	1	129001-02931	BEARING, MAIN	4							1
32	1	129150-02871	BEARING, 0.25 US	4							2
35	1	129150-02941	BEARING, THRUST 0.25	1							3

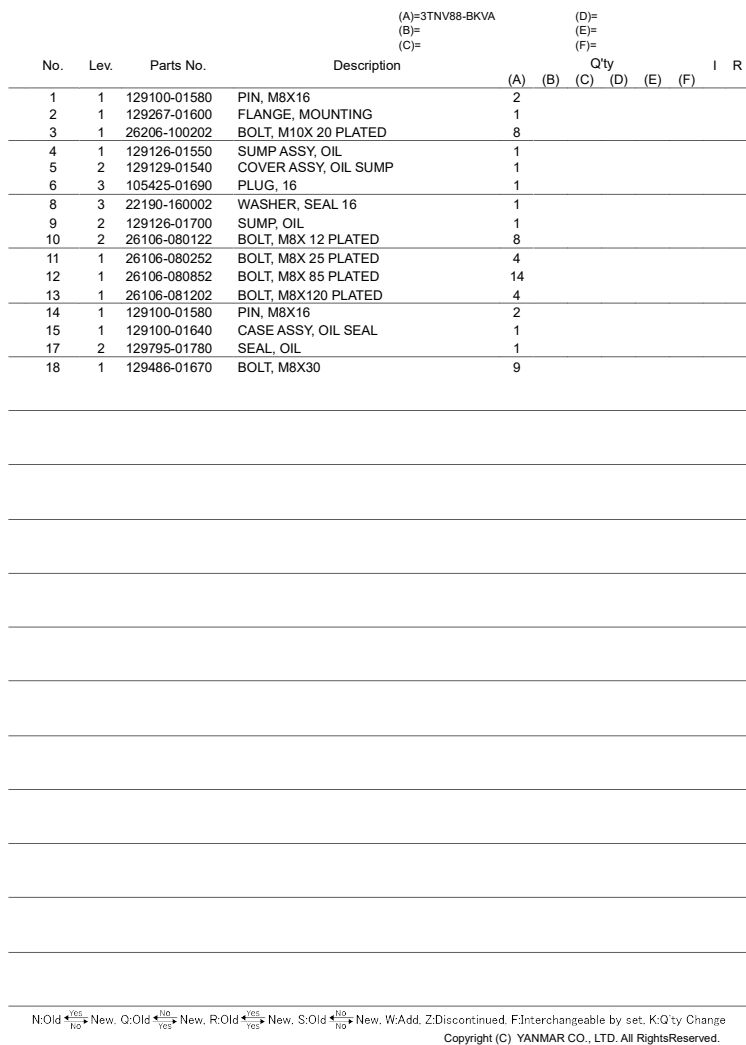
Fig.2. GEAR HOUSING



No.	Lev.	Parts No.	Description	(A)=3TNV88-BKVA (B)= (C)=						Qty	I	R
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	729652-01500	CASE ASSY, GEAR	1								
3	2	119934-01800	SEAL, OIL	1								
4	1	129604-01520	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 6	5								
12	1	24311-000320	O-RING, 1AP32.0	1								
13	1	26106-080162	BOLT, M8X 16 PLATED	4								
14	1	26106-080162	BOLT, M8X 16 PLATED	3								
15	1	26106-080302	BOLT, M8X 30 PLATED	1								
16	1	26106-080552	BOLT, M8X 55 PLATED	10								
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								

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

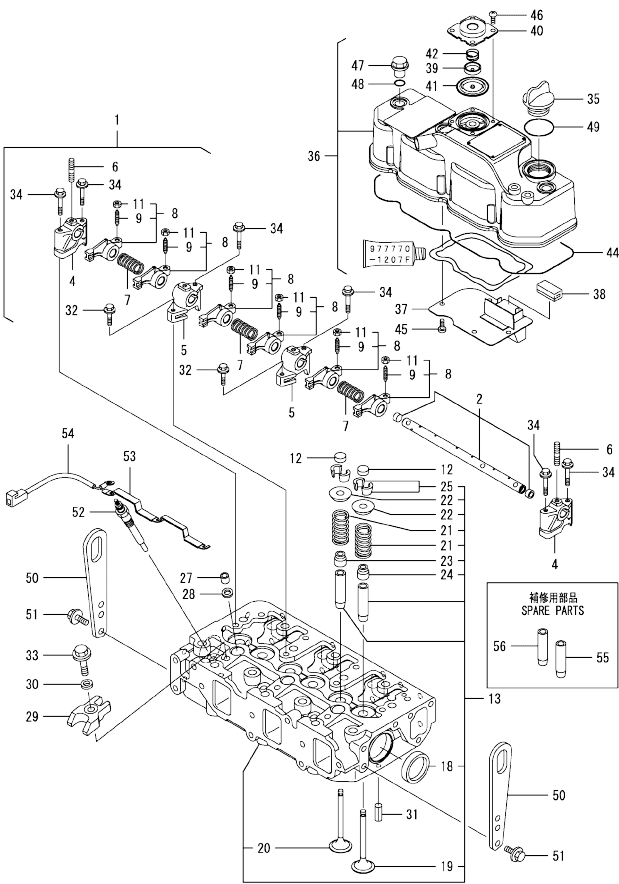
Fig.3. MOUNTING FLANGE & OIL SUMP



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

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Fig.4. CYLINDER HEAD & BONNET

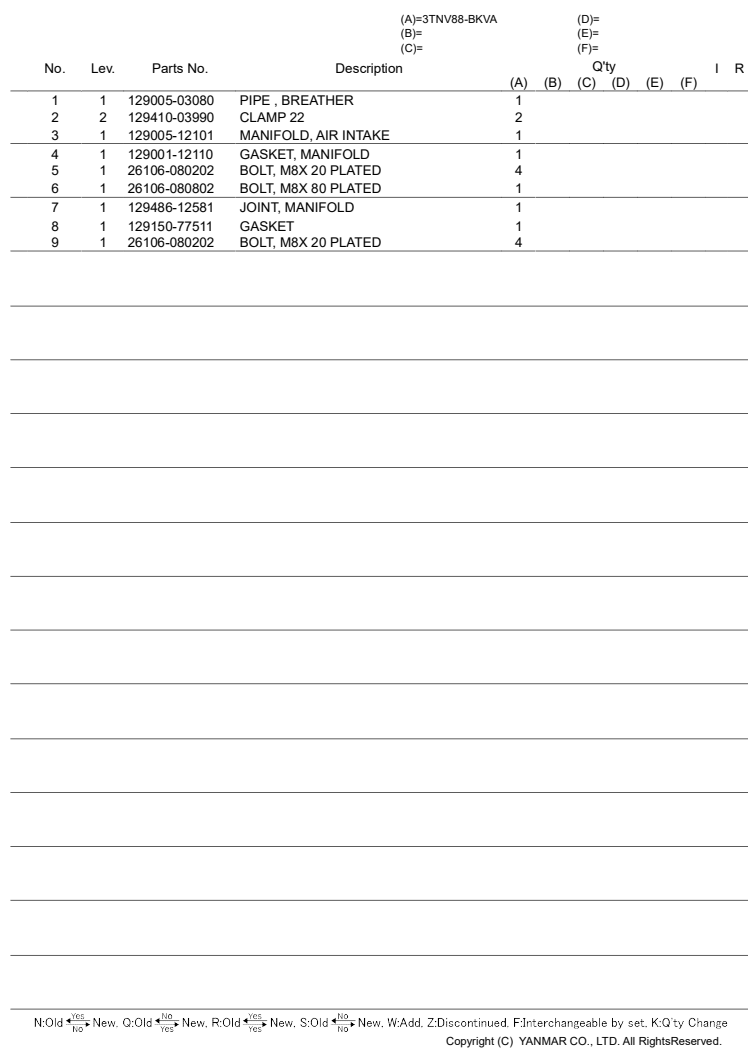


Remarks
(1)Spare part.

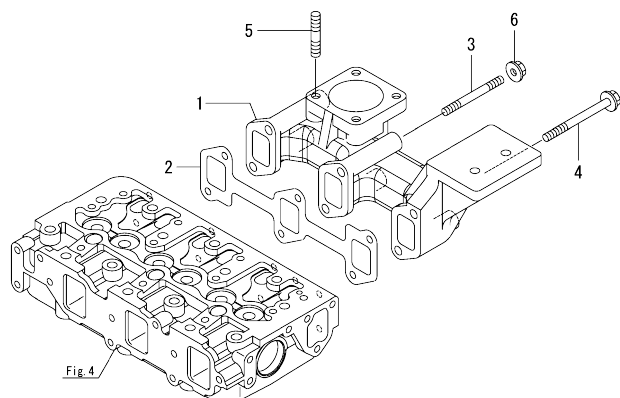
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-11241	SHAFT ASSY, ROCKER	1							
2	2	129004-11251	SHAFT, ROCKER ARM	1							
4	2	119802-11260	SUPPORT, ROCKER ARM	2							
5	2	119802-11270	SUPPORT, ROCKER ARM	2							
6	2	119802-11280	STUD	3							
7	2	129150-11280	SPRING	3							
8	2	129004-11650	ARM, ROCKER	6							
9	3	129150-11230	SCREW, VALVE ADJUST	6							
11	3	129150-11750	NUT, M8	6							
12	1	129150-11370	CAP, VALVE	6							
13	1	129008-11700	HEAD ASSY, CYLINDER	1							
18	2	27241-400000	PLUG, 40	2							
19	2	129005-11100	VALVE, INTAKE	3							
20	2	129100-11112	VALVE, EXHAUST	3							
21	2	129795-11120	SPRING, VALVE	6							
22	2	129795-11180	RETAINER, SPRING	6							
23	2	121400-11340	SEAL, VALVE STEM	3							
24	2	124460-11340	SEAL, VALVE STEM	3							
25	2	27310-080001	COTTER, 8	6							
27	1	119802-11870	PROTECTOR, NOZZLE	3							
28	1	119625-11880	SEAT, NOZZLE	3							
29	1	129004-11900	RETAINER, NOZZLE	3							
30	1	120270-54410	WASHER, INJECTOR	3							
31	1	22351-060012	PIN, SPRING 6.0X12	2							
32	1	26106-080252	BOLT, M8X 25 PLATED	2							
33	1	26106-080352	BOLT, M8X 35 PLATED	3							
34	1	26106-080502	BOLT, M8X 50 PLATED	6							
35	1	124160-01751	COVER, FILLER	1							
36	1	129004-11350	BONNET ASSY, HEAD	1							
37	2	129004-03010	PLATE	1							
38	2	129150-03070	BAFFLE, BREATHER	1							
39	2	119802-03110	PLATE	1							
40	2	119802-03121	COVER, DIAPHRAGM	1							
41	2	119802-03130	DIAPHRAGM	1							
42	2	119802-03141	SPRING, DIAPHRAGM	1							
44	2	129004-11310	GASKET, BONNET	1							
45	2	22857-500100	SCREW, 5X10	4							
46	2	22857-500100	SCREW, 5X10	4							
47	1	124160-11360	KNOB	3							
48	1	24311-000120	O-RING, 1AP12.0	3							
49	1	24311-000320	O-RING, 1AP32.0	1							
50	1	129900-07900	LIFTER	2							
51	1	26106-080162	BOLT, M8X 16 PLATED	4							
52	1	129008-77800	PLUG, GLOW	3							
53	1	129008-77820	CONNECTOR, GLOW PLUG	1							
54	1	119803-77830	HARNES, WIRE	1							
55	1	120130-11860	GUIDE, VALVE	3							1
56	1	129150-11810	GUIDE, VALVE	3							1

N:Old $\frac{NHS}{100}$ New, Q:Old $\frac{HIS}{100}$ New, R:Old $\frac{VHS}{100}$ New, S:Old $\frac{HIS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.5. SUCTION MANIFOLD



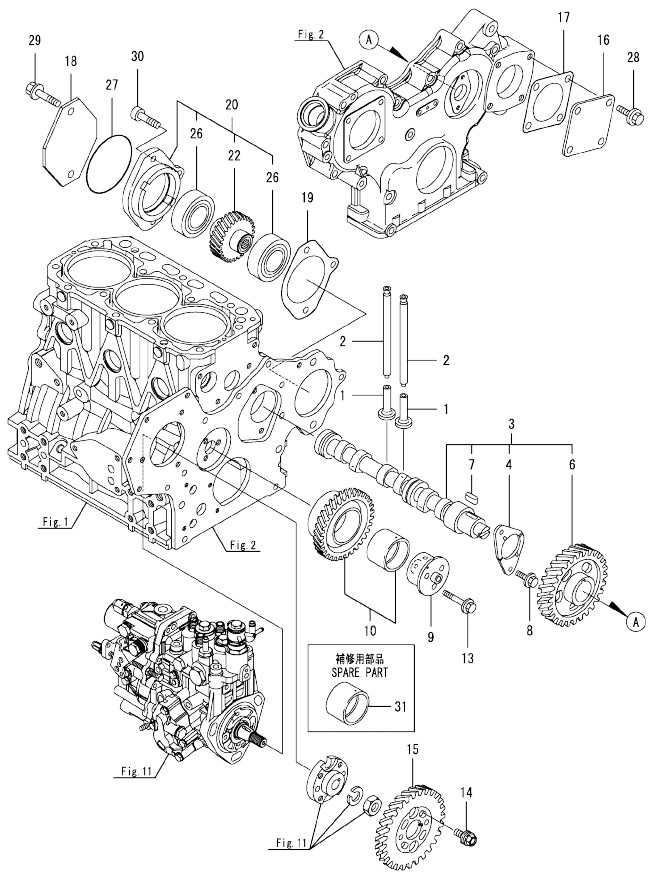
N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change



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Fig.7. CAMSHAFT & DRIVING GEAR



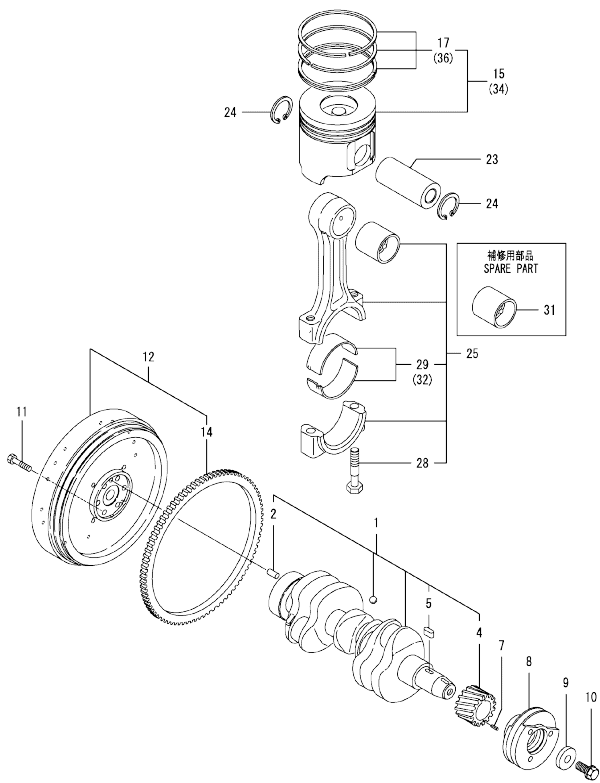
Remarks
(1)Spare part.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	6							
2	1	129150-14400	ROD, PUSH L=178	6							
3	1	129129-14580	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	124240-01883	GASKET	1							
18	1	121023-26071	COVER	1							
19	1	171353-26081	GASKET	1							
20	1	129051-26200	DRIVE ASSY, PUMP	1							
22	2	129051-26210	GEAR ASSY, PUMP	1							
26	2	24105-060064	BEARING, BALL 6006Z	2							
27	1	24321-000850	O-RING, 1AG85.0	1							
28	1	26106-080162	BOLT, M8X 16 PLATED	4							
29	1	26106-100452	BOLT, M10X 45 PLATED	2							
30	1	26450-080282	BOLT, M8X 28	1							
31	1	119802-25071	BUSH, IDLE GEAR	1							1

N:Old $\frac{YBS}{100}$ New, Q:Old $\frac{H0}{100}$ New, R:Old $\frac{YBS}{100}$ New, S:Old $\frac{H0}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.8. CRANKSHAFT & PISTON

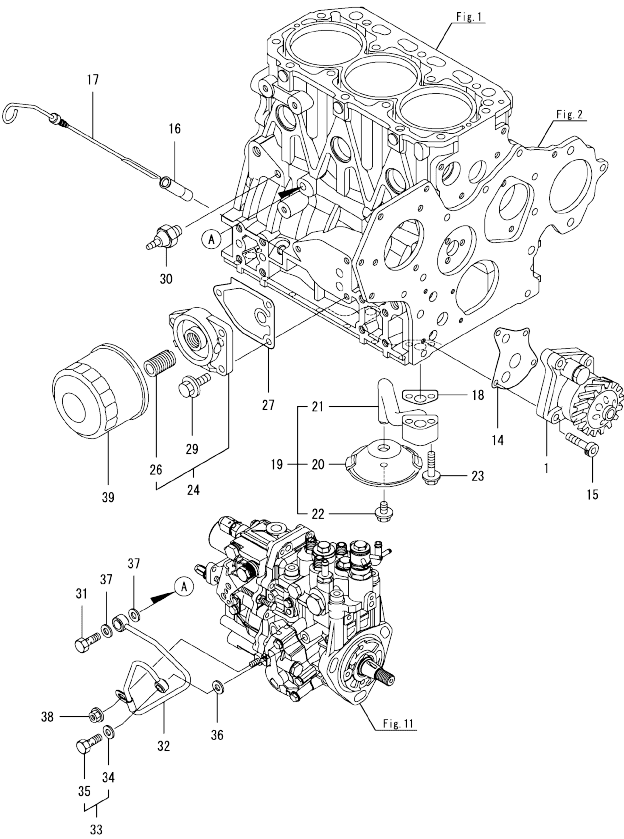


Remarks
(1)Spare part.
(2)Under-sized(U.S.=0.25)part.
(3)Over-sized(O.S.=0.25)part.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129008-21000	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	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	129004-21650	V-PULLEY, 110	1							
9	1	129795-21661	WASHER	1							
10	1	121850-21680	BOLT	1							
11	1	121111-21501	BOLT, FLYWHEEL	6							
12	1	129267-21580	FLYWHEEL ASSY	1							
14	2	119865-21600	GEAR, RING	1							
15	1	129005-22080	PISTON ASSY	3							
17	2	129005-22500	RING SET, PISTON	3							
23	1	129202-22300	PIN, PISTON D26 L70	3							
24	1	22252-000260	RING, 26	6							
25	1	729402-23100	ROD ASSY, CONNECTING	3							
28	2	121550-23200	BOLT, CONNECTING ROD	6							
29	2	129150-23601	BEARING, CRANK PIN	3							
31	1	129100-23910	BEARING, PISTON PIN	3							1
32	1	129150-23611	BEARING, 0.25 US	3							2
34	1	129005-22900	PISTON ASSY, 0.25 OS	3							3
36	2	129005-22950	RING SET, 0.25 OS	3							3

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Fig.9. LUB. OIL SYSTEM

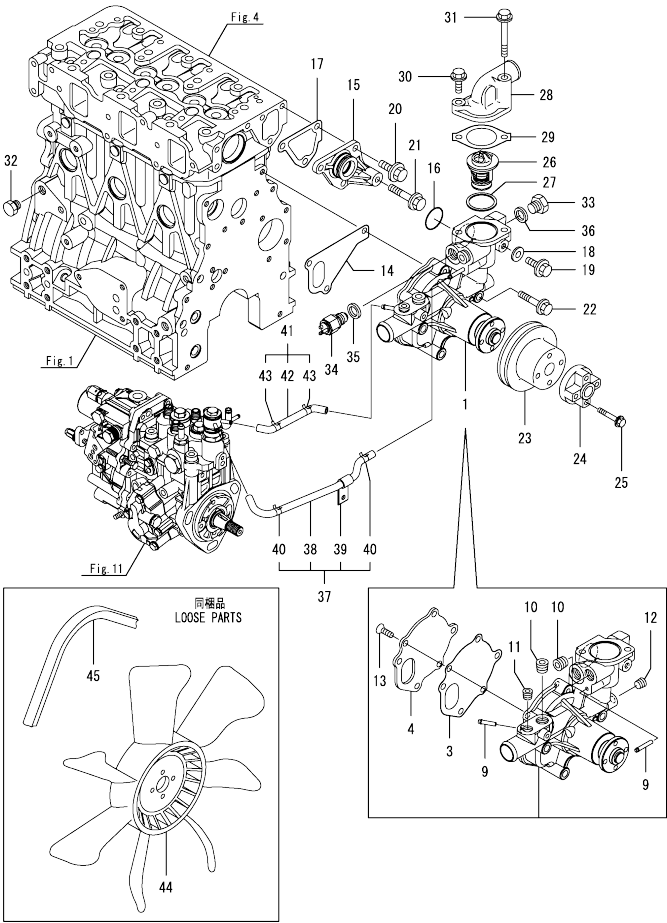


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129001-32001	PUMP ASSY, OIL	1							
14	1	129150-32020	GASKET, PUMP	1							
15	1	26450-060252	BOLT, M6X 25	4							
16	1	121520-34810	GUIDE, DIPSTICK	1							
17	1	129263-34811	DIPSTICK, OIL	1							
18	1	129150-35042	GASKET	1							
19	1	129129-35090	PIPE ASSY, OIL INLET	1							
20	2	129129-35010	PIPE, OIL INLET	1							
21	2	129129-35080	PIPE, OIL INLET	1							
22	2	26106-080122	BOLT, M8X 12 PLATED	1							
23	1	26106-080352	BOLT, M8X 35 PLATED	2							
24	1	119802-35100	BRACKET ASSY, FILTER	1							
26	2	129100-35140	STUD	1							
27	1	129150-35111	GASKET	1							
29	1	26106-080202	BOLT, M8X 20 PLATED	3							
30	1	114250-39450	SWITCH, 0.5KG	1							
31	1	124160-39140	BOLT, PIPE JOINT M10	1							
32	1	119802-39450	PIPE ASSY, OIL	1							
33	1	129005-59830	BOLT ASSY, JOINT M8	1							
34	2	22190-080002	WASHER, SEAL 6	1							
35	2	23857-030000	BOLT, JOINT 3	1							
36	1	22190-080002	WASHER, SEAL 6	1							
37	1	22190-100002	WASHER, SEAL 10	2							
38	1	26366-060002	NUT, M6	1							
39	1	129150-35153	FILTER 80X80L	1							1

Remarks
(1)Spare part.

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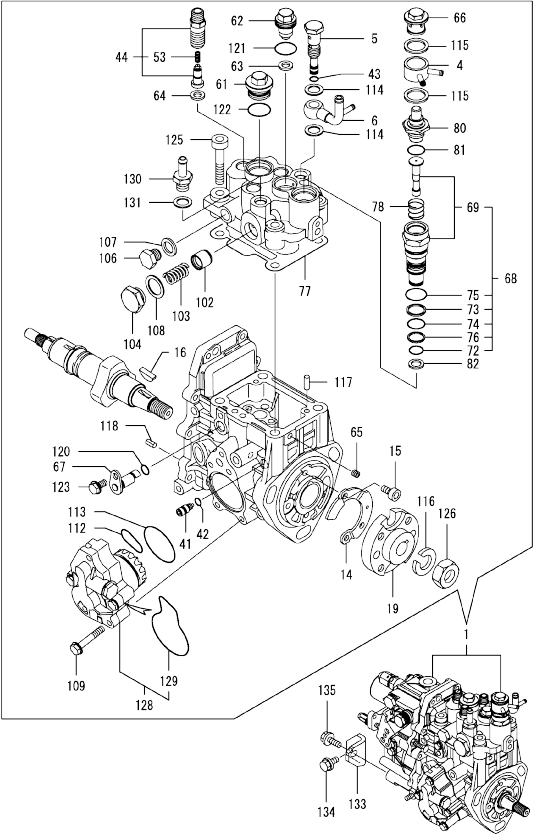
Fig.10. COOLING WATER SYSTEM



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-42001	PUMP ASSY, WATER	1							
3	2	129100-42051	GASKET, WATER PUMP	1							
4	2	129100-42121	PLATE	1							
9	2	119802-49113	JOINT, PIPE	2							
10	2	129916-49740	PLUG, R03	2							
11	2	23875-020000	PLUG, R02	1							
12	2	23876-010000	PLUG, R01	1							
13	2	26577-060142	SCREW M 6X 14	3							
14	1	129486-42021	GASKET, WATER PUMP	1							
15	1	129004-42040	JOINT	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	129403-42380	V-PULLEY, D=110	1							
24	1	171353-44760	SPACER, FAN	1							
25	1	26106-060402	BOLT, M6X 40 PLATED	4							
26	1	129155-49801	THERMOSTAT, 71	1							
27	1	129150-49811	GASKET, THERMOSTAT	1							
28	1	124101-49531	COVER, THERMOSTAT	1							
29	1	129795-49551	GASKET	1							
30	1	26106-080252	BOLT, M8X 25 PLATED	1							
31	1	26106-080652	BOLT, M8X 65 PLATED	1							
32	1	171056-49120	PLUG, DRAIN	1							
33	1	121450-42450	PLUG, M16	1							
34	1	121250-44901	SWITCH, 110	1							
35	1	124465-44950	GASKET, 16	1							
36	1	124465-44950	GASKET, 16	1							
37	1	129004-49610	PIPE ASSY, WATER	1							
38	2	129004-49711	PIPE ASSY, WATER	1							
39	2	119802-49730	RETAINER, PIPE	1							
40	2	124722-59050	CLIP, HOSE 9	2							
41	1	129004-49620	PIPE ASSY, WATER	1							
42	2	129004-49721	PIPE ASSY, WATER	1							
43	2	124722-59050	CLIP, HOSE 9	2							
44	1	121267-44741	FAN, COOLING D=360	1							
45	1	25132-003600	V-BELT, A36	1							

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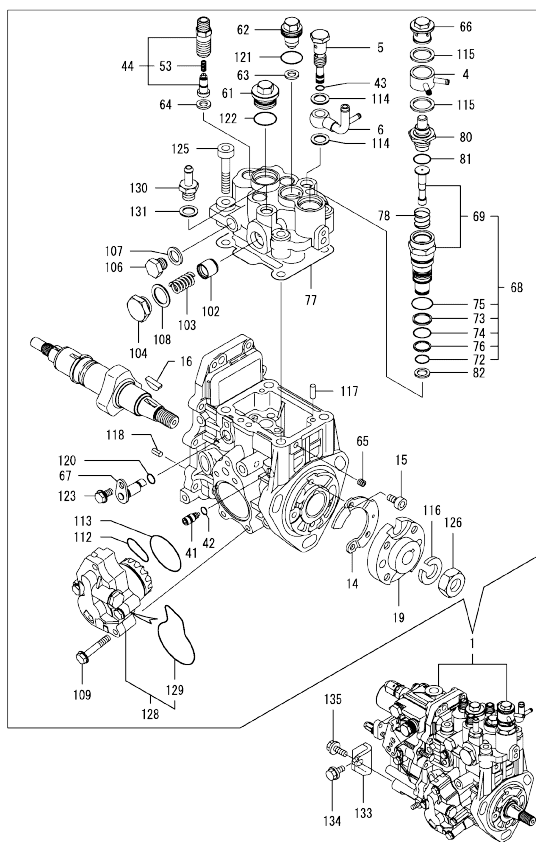
Fig.11. FUEL INJECTION PUMP



Remarks
(1)Governor(Fig.12)is incorporated in this Fuel Injection Pump (Ref.1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729269-51430	FIE ASSY	1							1
4	2	158553-51551	JOINT	1							
5	2	158601-51650	JOINT, OVER FLOW	1							
6	2	158552-51670	JOINT, OVER FLOW	1							
14	2	129008-51900	COVER, GEAR CASE	1							
15	2	129008-51920	BOLT, M6X10	2							
16	2	119802-51090	KEY, 4X16	1							
19	2	158552-51151	FLANGE	1							
41	2	158600-51270	STOPPER, TAPPET	1							
42	2	158563-51281	O-RING, 4D S6	1							
43	2	158563-51281	O-RING, 4D S6	1							
44	2	129008-51390	VALVE ASSY, DELIVERY	3							
53	3	158563-51330	SPRING, DELIVERY	3							
61	2	158601-51550	PLUG	1							
62	2	119802-51560	PLUG, BARREL	1							
63	2	158552-51571	GASKET	1							
64	2	158552-51571	GASKET	3							
65	2	158557-51570	PLUG	1							
66	2	158601-51570	PLUG	1							
67	2	158552-51580	LIFTER	1							
68	2	119802-51590	TIMER SET	1							
69	3	119802-51600	TIMER ASSY	1							
72	3	158553-51670	O-RING, 1011	1							
73	3	119802-51680	RING, BACK UP	1							
74	3	119802-51690	O-RING	1							
75	3	24356-190200	O-RING, 4D19020	1							
76	3	24372-000150	RING, BACK UP T2P15	1							
77	2	158552-51600	GASKET	1							
78	2	158553-51630	SPRING, TIMER	1							
80	2	158553-51650	ELEMENT	1							
81	2	158553-51660	O-RING, P14	1							
82	2	158553-51680	GASKET	1							
102	2	158601-51770	PISTON	1							
103	2	158552-51781	SPRING	1							
104	2	158601-51790	PLUG	1							
106	2	158553-51930	PLUG, M12	1							
107	2	22190-120002	WASHER, SEAL 12	1							
108	2	22190-180002	WASHER, SEAL 18	1							
109	2	158553-51770	BOLT	4							
112	2	158552-52311	O-RING	1							
113	2	158552-52400	O-RING, 4E S42	1							
114	2	22190-120002	WASHER, SEAL 12	2							
115	2	22190-180002	WASHER, SEAL 18	2							
116	2	22217-140000	WASHER, SPRING 14	1							
117	2	22312-050140	PIN, PARALLEL M5X14	2							
118	2	22351-050010	PIN, SPRING 5.0X10	2							
120	2	24311-000070	O-RING, 1AP7.0	1							
121	2	24356-190180	O-RING, 4D19018	1							
122	2	24356-190200	O-RING, 4D19020	1							
123	2	26106-060102	BOLT, M6X 10 PLATED	1							
125	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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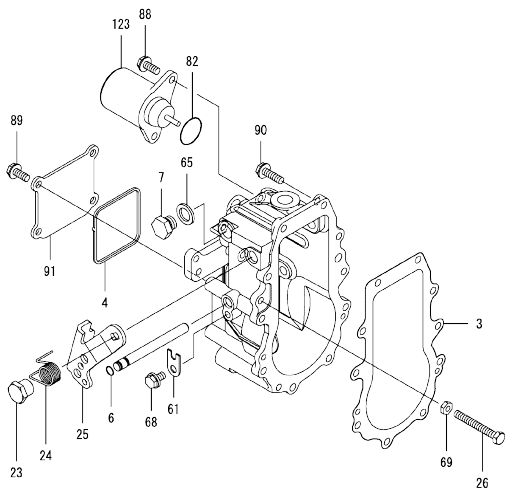
				(A)=3TNV88-BKVA (B)= (C)=	(D)= (E)= (F)=						
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
126	2	26776-140002	NUT, LOCK M14	1							
128	2	158552-52100	PUMP ASSY, FUEL FEED	1							
129	3	158552-52500	O-RING	1							
130	2	119934-59910	JOINT, PIPE	1							
131	2	22190-120002	WASHER, SEAL 12	1							
133	1	119802-51250	RETAINER, PUMP	1							
134	1	26106-080162	BOLT, M8X 16 PLATED	1							
135	1	26106-080202	BOLT, M8X 20 PLATED	1							

Remarks
(1)Governor(Fig.12)is incorporated in this Fuel Injection Pump (Ref.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

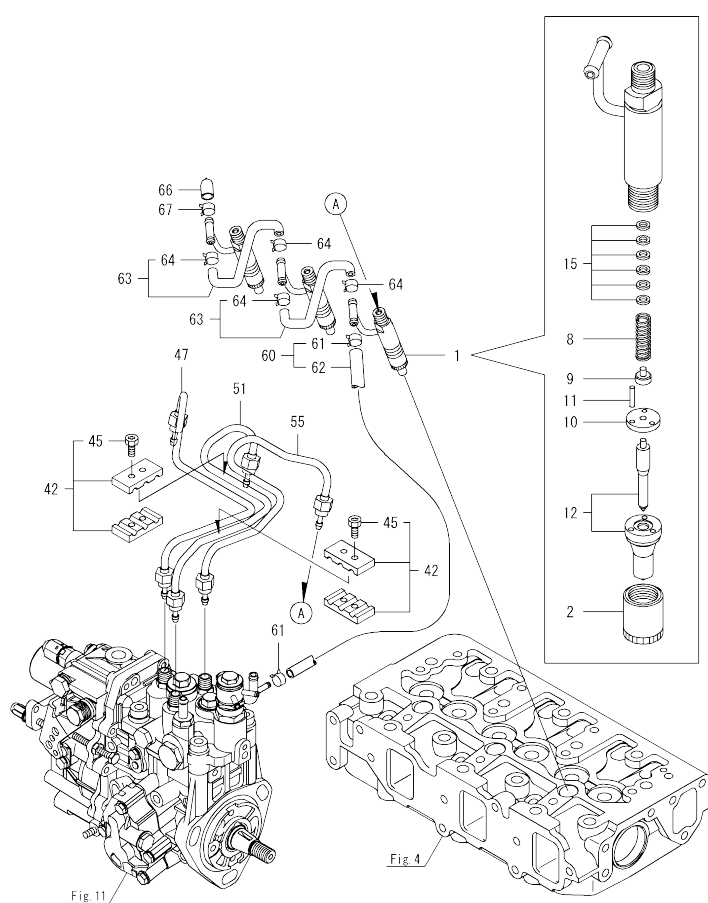
0CW10-M73300

Fig.12. GOVERNOR



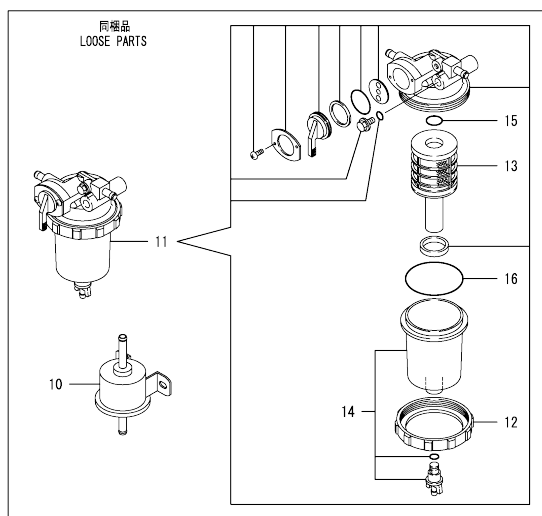
Remarks
*This figure(Governor)is incorporated
in the Fuel Injection Pump (Fig.11).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	2	158553-61050	GASKET	1							
4	2	158553-61070	GASKET	1							
6	2	129155-51280	O-RING, S6	1							
7	2	158553-51930	PLUG, M12	1							
23	2	129255-61410	NUT, LOCK	1							
24	2	119807-61420	SPRING, RETURN	1							
25	2	158552-61441	LEVER, REGULATOR	1							
26	2	129155-61460	BOLT, IDLE	1							
61	2	119660-61901	RETAINER, SHAFT	1							
65	2	22190-120002	WASHER, SEAL 12	1							
68	2	26106-060102	BOLT, M6X 10 PLATED	1							
69	2	26756-060002	NUT, LOCK M6	1							
82	2	158552-61900	O-RING	1							
88	2	26106-060142	BOLT, M6X 14 PLATED	2							
89	2	26106-060142	BOLT, M6X 14 PLATED	4							
90	2	26106-060202	BOLT, M6X 20 PLATED	10							
91	2	129642-61060	COVER, GOVERNOR CASE	1							
123	2	119653-77950	SOLENOID, STOP	1							



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729604-53400	VALVE ASSY,INJECTION	3							
2	2	114250-53080	NUT, NOZZLE D16.95	3							
8	2	114250-53120	SPRING, NOZZLE	3							
9	2	114250-53130	SEAT, SPRING	3							
10	2	114250-53140	PLATE	3							
11	2	114250-53210	PIN	6							
12	2	129604-53300	VALVE ASSY,INJECTION	3							
15	2	119803-53400	SHIM SET	3							
42	1	129150-59120	RETAINER, PIPE	2							
45	2	129150-59131	BOLT, M4X14	4							
47	1	129004-59811	PIPE ASSY, INJECTION	1							
51	1	129004-59821	PIPE ASSY, INJECTION	1							
55	1	129004-59831	PIPE ASSY, INJECTION	1							
60	1	119802-59550	PIPE ASSY, RETURN	1							
61	2	124722-59050	CLIP, HOSE 9	2							
62	2	119802-59560	PIPE, FUEL RETURN	1							
63	1	129486-59551	PIPE ASSY, RETURN	2							
64	2	124722-59050	CLIP, HOSE 9	4							
66	1	119593-59581	CAP	1							
67	1	124060-77680	CLIP, HOSE 10	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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				(A)=3TNV88-BKVA (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	119802-55801	FILTER, FUEL	1							
3	1	26106-080302	BOLT, M8X 30 PLATED	2							
4	1	129210-59050	PIPE ASSY, FUEL	1							
5	2	124766-59050	CLIP, HOSE 12	2							
6	2	105312-59510	PIPE, FUEL	1							
7	1	129210-59100	PIPE ASSY, FUEL	1							
8	2	124766-59050	CLIP, HOSE 12	2							
9	2	105025-59580	PIPE, FUEL	1							
10	1	119225-52102	PUMP ASSY, FUEL FEED	1							
11	1	119802-55700	SEPARATOR ASSY	1							
12	2	129100-55690	RING, RETAINING	1							
13	2	119802-55710	ELEMENT	1							
14	2	119802-55730	CUP ASSY	1							
15	2	24311-000160	O-RING, 1AP16.0	1							
16	2	24321-000650	O-RING, 1AG65.0	1							



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

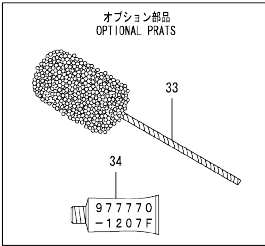
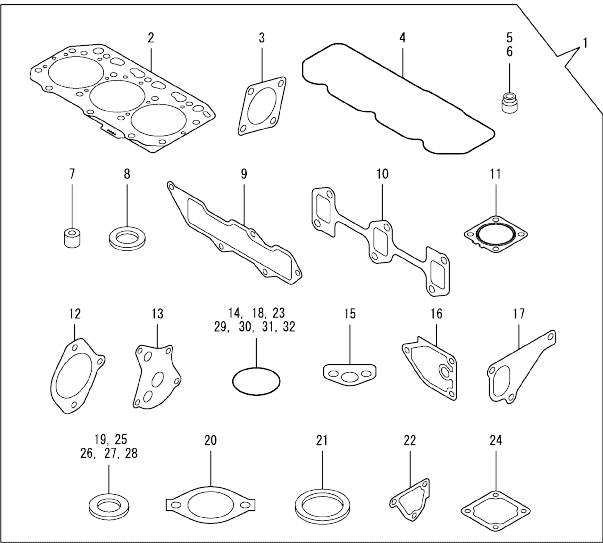
Fig.16. GENERATOR



No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	129051-77330	ADJUSTER	1						
2	1	129795-01900	STUD	1						
3	1	119643-66900	DIODE	1						
4	1	119626-77210	ALTERNATOR, 12V-55A	1						
5	2	X9490561001	NUT	1						
6	2	129052-77380	ROTOR ASSY	1						
7	3	123501-79240	BEARING, BALL	1						
8	3	119620-79250	COVER, BEARING	1						
9	2	129052-77422	FRAME ASSY	1						
10	3	119620-79200	BALL BEARING	1						
11	3	119620-79210	PLATE, RETAINER	1						
12	3	119620-79220	SCREW	4						
13	3	119620-79230	STUD	2						
14	2	128401-77440	FRAME	1						
15	2	119626-77450	COVER, END, RR	1						
16	2	119620-77461	PULLEY	1						
17	2	119620-77471	NUT	1						
18	2	119620-77490	COLLAR	1						
19	2	119626-77710	REGULATOR ASSY	1						
20	2	129052-79260	HOLDER	1						
21	2	129052-79270	HOLDER, BRUSH	1						
22	2	119620-79290	SCREW	6						
23	2	119620-79300	SCREW	1						
24	2	119620-79310	BOLT	3						
25	2	119620-79320	SCREW	2						
26	2	119620-79330	BOLT	2						
27	2	119620-79340	BUSH, INSULATION	1						
28	2	119620-79350	NUT	2						
29	1	129657-77340	SPACER	1						
30	1	129972-77341	BOLT, ADJUSTER L=50	1						
31	1	119650-77911	RELAY ASSY, GLOW	2						
34	1	128300-77920	TIMER	1						
35	1	129211-77920	TIMER	1						
36	1	26306-100002	NUT, M10	1						

0CW10-M73300

Fig.17. GASKET SET



Remarks
(1)Optional parts.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129269-92610	GASKET SET	1							1
2	2	129001-01340	GASKET, HEAD	1							
3	2	124240-01883	GASKET	1							
4	2	129004-11310	GASKET, BONNET	1							
5	2	121400-11340	SEAL, VALVE STEM	3							
6	2	124460-11340	SEAL, VALVE STEM	3							
7	2	119802-11870	PROTECTOR, NOZZLE	3							
8	2	119625-11880	SEAT, NOZZLE	3							
9	2	129001-12110	GASKET, MANIFOLD	1							
10	2	129150-13110	GASKET	1							
11	2	129004-13200	GASKET, SILENCER	1							
12	2	171353-26081	GASKET	1							
13	2	129150-32020	GASKET, PUMP	1							
14	2	119609-32040	O-RING, P16	2							
15	2	129150-35042	GASKET	1							
16	2	129150-35111	GASKET	1							
17	2	129486-42021	GASKET, WATER PUMP	1							
18	2	129486-42140	O-RING, G30	1							
19	2	124465-44950	GASKET, 16	2							
20	2	129795-49551	GASKET	1							
21	2	129150-49811	GASKET, THERMOSTAT	1							
22	2	124395-49840	GASKET	1							
23	2	121850-51960	O-RING	1							
24	2	129150-77511	GASKET	1							
25	2	22190-080002	WASHER, SEAL 6	7							
26	2	22190-100002	WASHER, SEAL 10	2							
27	2	22190-160002	WASHER, SEAL 16	1							
28	2	23414-080000	GASKET, 8X1.0	1							
29	2	24311-000120	O-RING, 1AP12.0	3							
30	2	24311-000320	O-RING, 1AP32.0	2							
31	2	24321-000850	O-RING, 1AG85.0	1							
32	2	24341-000240	O-RING, 1AS24.0	1							
33	1	129400-92430	HONE	1							1
34	1	977770-1207F	GASKET LIQUID	1							1

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Parts No.	Fig. No.	Ref. No.
105025-59580	14	9
105312-59510	14	6
105425-01690	3	6
114250-39450	9	30
114250-53080	13	2
114250-53120	13	8
114250-53130	13	9
114250-53140	13	10
114250-53210	13	11
119131-18320	6	5
119225-52102	14	10
119593-59581	13	66
119609-32040	2	9
	17	14
119620-77461	16	16
119620-77471	16	17
119620-77490	16	18
119620-79200	16	10
119620-79210	16	11
119620-79220	16	12
119620-79230	16	13
119620-79250	16	8
119620-79290	16	22
119620-79300	16	23
119620-79310	16	24
119620-79320	16	25
119620-79330	16	26
119620-79340	16	27
119620-79350	16	28
119625-11880	4	28
	17	8
119626-77210	16	4
119626-77450	16	15
119626-77710	16	19
119643-66900	16	3
119650-77911	16	31
119653-77950	12	123
119660-61901	12	61
119802-01561	2	5
119802-03110	4	39
119802-03121	4	40
119802-03130	4	41
119802-03141	4	42
119802-11260	4	4
119802-11270	4	5
119802-11280	4	6
119802-11870	4	27
	17	7
119802-25071	7	31
119802-25101	7	10

Parts No.	Fig. No.	Ref. No.
119802-25901	7	15
119802-35100	9	24
119802-39450	9	32
119802-49113	10	9
119802-49730	10	39
119802-51090	11	16
119802-51250	11	133
119802-51560	11	62
119802-51590	11	68
119802-51600	11	69
119802-51680	11	73
119802-51690	11	74
119802-55700	14	11
119802-55710	14	13
119802-55730	14	14
119802-55801	14	2
119802-59550	13	60
119802-59560	13	62
119803-21200	8	4
119803-25050	7	9
119803-53400	13	15
119803-77830	4	54
119807-61420	12	24
119865-21600	8	14
119934-01800	2	3
119934-59910	11	130
120130-11860	4	55
120270-54410	4	30
121023-01551	2	19
121023-26071	7	18
121111-21501	8	11
121250-44901	10	34
121267-44741	10	44
121400-11340	4	23
	17	5
121450-42450	10	33
121520-34810	9	16
121550-23200	8	28
121850-21680	8	10
121850-51960	2	10
	17	23
123501-79240	16	7
123900-13610	6	3
123900-13630	6	4
124060-01050	1	4
124060-77680	13	67
124101-49531	10	28
124160-01751	2	6
	4	35
124160-01910	1	6

Parts No.	Fig. No.	Ref. No.
124160-01910	1	7
124160-11360	4	47
124160-39140	9	31
124240-01871	2	7
	7	16
124240-01883	7	17
	17	3
124395-49840	10	17
	17	22
124460-11340	4	24
	17	6
124465-44950	10	35
	36	
	17	19
124550-77020	15	36
124722-59050	10	40
	43	
	13	61
	64	
124766-59050	14	5
	8	
128300-77920	16	34
128401-77440	16	14
129001-01250	1	5
129001-01340	1	28
	17	2
129001-02931	1	29
129001-12110	5	4
	17	9
129001-32001	9	1
129004-03010	4	37
129004-11241	4	1
129004-11251	4	2
129004-11310	4	44
	17	4
129004-11350	4	36
129004-11650	4	8
129004-11900	4	29
129004-13110	6	1
129004-13200	6	7
	17	11
129004-21650	8	8
129004-42001	10	1
129004-42040	10	15
129004-49610	10	37
129004-49620	10	41
129004-49711	10	38
129004-49721	10	42
129004-55612	14	1
129004-59811	13	47

Parts No.	Fig. No.	Ref. No.
129004-59821	13	51
129004-59831	13	55
129005-03080	5	1
129005-11100	4	19
129005-12101	5	3
129005-22080	8	15
129005-22500	8	17
129005-22900	8	34
129005-22950	8	36
129005-59830	9	33
129008-11700	4	13
129008-21000	8	1
129008-51390	11	44
129008-51900	11	14
129008-51920	11	15
129008-77800	4	52
129008-77820	4	53
129051-26200	7	20
129051-26210	7	22
129051-77330	16	1
129052-77380	16	6
129052-77422	16	9
129052-79260	16	20
129052-79270	16	21
129100-01580	3	1
	8	14
	8	2
129100-01640	3	15
129100-11112	4	20
129100-23910	8	31
129100-35140	9	26
129100-42051	10	3
129100-42121	10	4
129100-55690	14	12
129126-01550	3	4
129126-01700	3	9
129129-01540	3	5
129129-14580	7	3
129129-35010	9	20
129129-35080	9	21
129129-35090	9	19
129129-77010	15	1
129129-77210	15	6
129129-77220	15	7
129129-77230	15	8
129129-77240	15	9
129129-77250	15	10
129129-77260	15	21
129129-77270	15	22
129129-77280	15	23

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Parts No.	Fig. No.	Ref. No.
129129-77290	15	24
129129-77300	15	25
129129-77310	15	27
129129-77320	15	28
129129-77330	15	29
129129-77340	15	30
129129-77350	15	31
129129-77362	15	32
129129-77380	15	34
129129-77390	15	14
129129-77400	15	17
129129-77410	15	18
129129-77420	15	19
129129-77430	15	20
129129-77460	15	3
129150-01200	1	27
129150-02020	1	9
129150-02450	7	4
129150-02871	1	32
129150-02931	1	24
129150-02941	1	35
129150-03070	4	38
129150-11230	4	9
129150-11280	4	7
129150-11370	4	12
129150-11750	4	11
129150-11810	4	56
129150-13110	6	2
	17	10
129150-14101	7	6
129150-14200	7	1
129150-14400	7	2
129150-23601	8	29
129150-23611	8	32
129150-25301	7	14
129150-32020	9	14
	17	13
129150-35042	9	18
	17	15
129150-35111	9	27
	17	16
129150-35153	9	39
129150-49811	10	27
	17	21
129150-59120	13	42
129150-59131	13	45
129150-77511	5	8
	17	24
129155-49801	10	26
129155-51280	12	6

Parts No.	Fig. No.	Ref. No.
129155-61460	12	26
129202-22300	8	23
129210-59050	14	4
129210-59100	14	7
129211-77920	16	35
129255-61410	12	23
129263-34811	9	17
129267-01600	3	2
129267-21580	8	12
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