

0CV10-M89700EN

PREFACE

1.This Parts Catalog carries all parts incorporated in YANMAR Model 4TNV84T-KVA engine manufactured since December,2003.

2.Each illustration corresponds to the parts list on the followingpage.

3.When ordering parts,clearly write down the engine model and serial number,as well as the name and number of each part in your order sheet. This will help insure reliable delivery of the parts youhave ordered.

Directions for the Parts Catalog.

- 1.The parts stipulated in this Parts Catalog are not necessarily standard equipped 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)

1

REF.

2

LEV.

PARTS NO.

DESCRIPTION

(A)=4JH-DT
(B)=4JH-DTZ
(C)=4JH-DTZP

(D)=4JH-DTZA
(E)=4JH-DTZY
(F)=

Q'TY

(A) (B) (C) (D) (E) (F)

3

I

5

R

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 Mark

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 No $\xrightarrow{\text{No}}$	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\xrightarrow{\text{No}}$ New Yes $\xrightarrow{\text{Yes}}$	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\xrightarrow{\text{Yes}}$ New Yes $\xrightarrow{\text{Yes}}$	New/ Old Parts are both interchangeable.
S	Old $\xrightarrow{\text{No}}$ New No $\xrightarrow{\text{No}}$	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 Mark

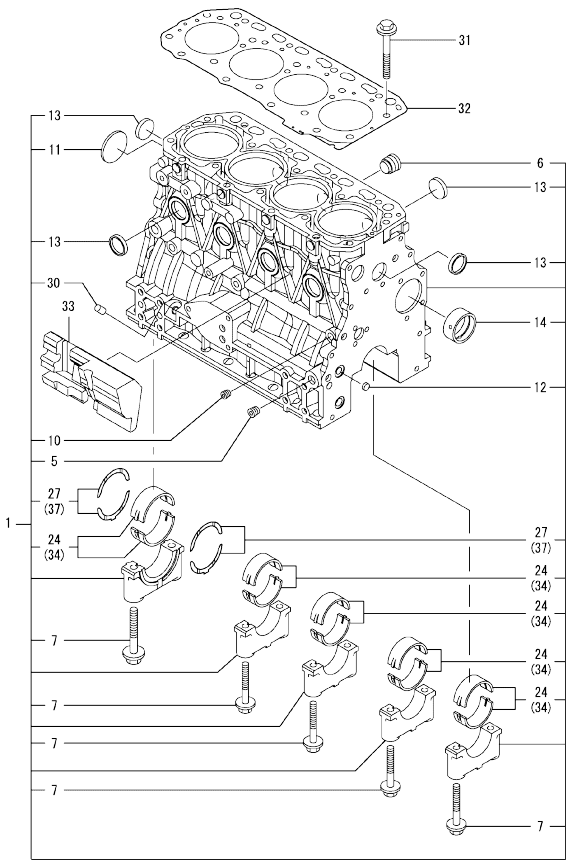
Figures or alphabets (symbols) are entered in the remarks column.

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

Contents

Fig. No.	Fig. Name	Fig. No.	Fig. Name
ENGINE SECTION (4TNV84T-KVA)			
1.	CYLINDER BLOCK		
2.	GEAR HOUSING		
3.	MOUNTING FLANGE & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	SUCTION MANIFOLD		
6.	EXHAUST MANIFOLD		
7.	CAMSHAFT & DRIVING GEAR		
8.	TURBINE		
9.	CRANKSHAFT & PISTON		
10.	BALANCER		
11.	LUB. OIL SYSTEM		
12.	LUB. OIL LINE		
13.	COOLING WATER SYSTEM		
14.	FUEL INJECTION PUMP		
15.	FUEL INJECTION VALVE		
16.	FUEL LINE		
17.	STARTING MOTOR		
18.	GENERATOR		
19.	GASKET SET		
20.	FUEL INJECTION PUMP(INNER PARTS)		
21.	GOVERNOR (INNER PARTS)		

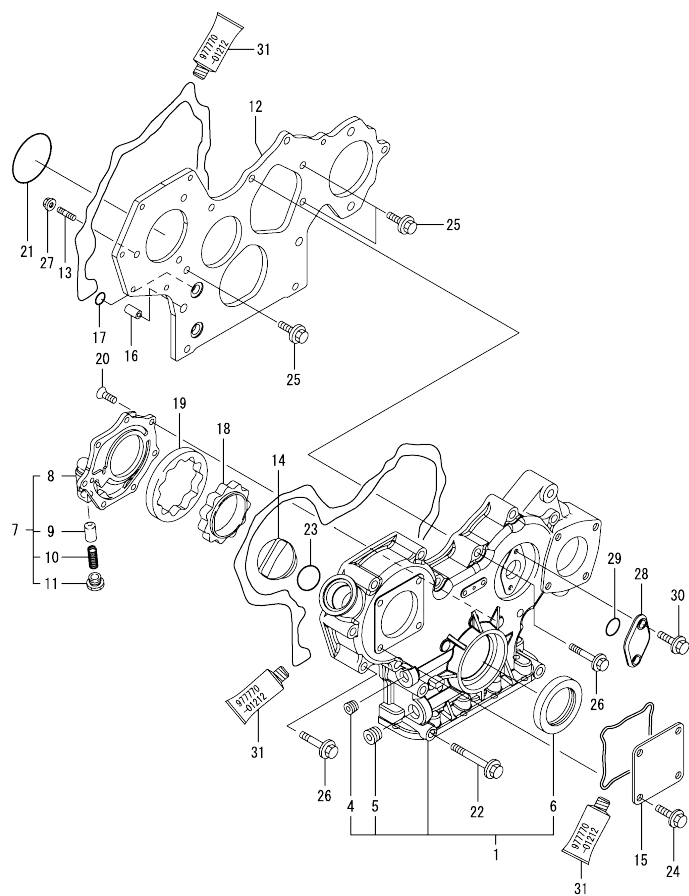
Fig.1. CYLINDER BLOCK



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729564-01560	BLOCK ASSY, CYLINDER	1							
5	2	124160-01910	PLUG, PT1/4	2							
6	2	171051-01921	PLUG, NPTF1	1							
7	2	129150-02020	BOLT, METAL CAP	10							
10	2	124060-01050	PLUG, PT1/8	1							
11	2	129001-01250	PLUG, 50	1							
12	2	27241-120000	PLUG, 12	2							
13	2	27241-300000	PLUG 30	8							
14	2	129795-02411	BUSH, CAMSHAFT	1							
24	2	129001-02930	BEARING, MAIN	5							3
27	2	129150-02930	BEARING, THRUST	2							
30	2	119309-01810	PLUG	1							
31	1	129150-01200	BOLT, HEAD	18							
32	1	129508-01330	GASKET, HEAD	1							
33	1	129004-01190	SPACER	1							
34	1	129150-02870	BEARING, 0.25 US	5							1
37	1	129150-02940	BEARING, THRUST 0.25	1							2

Fig.2. GEAR HOUSING



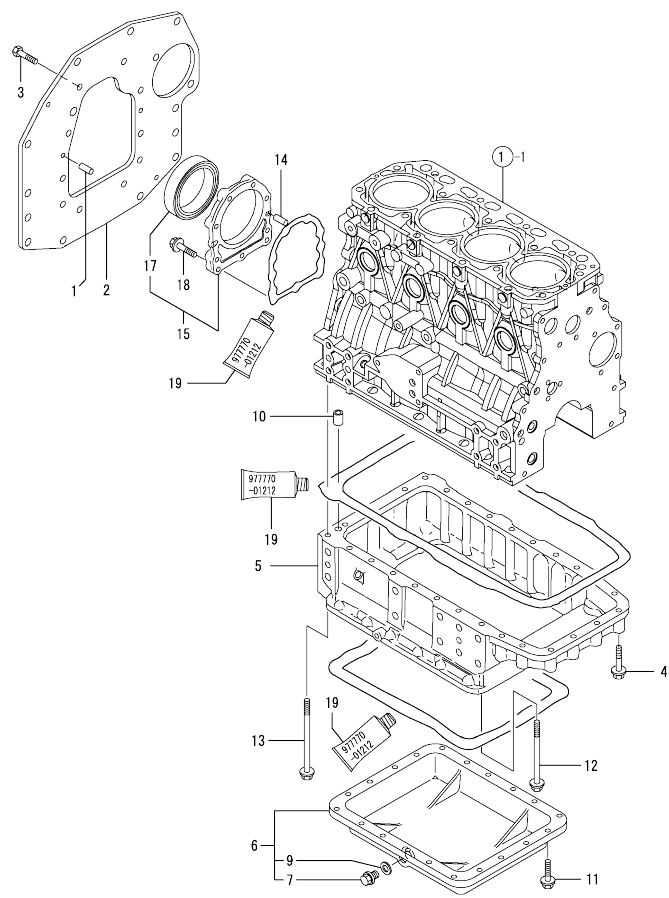
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729508-01520	CASE ASSY, GEAR	1							
4	2	23876-030000	PLUG, R03	1							
5	2	23876-040000	PLUG, R04	1							
6	2	129795-01800	SEAL, OIL	1							
7	1	119802-32100	COVER ASSY	1							
8	2	119802-32070	COVER	1							
9	2	129900-32130	VALVE, RELIEF	1							
10	2	129418-32320	SPRING	1							
11	2	129001-32330	PLUG	1							
12	1	129005-01520	FLANGE, GEAR CASE	1							
13	1	119802-01560	STUD, M8X25	3							
14	1	124160-01751	COVER, FILLER	1							
15	1	124240-01871	COVER	1							
16	1	129795-01950	PIPE, KNOCK L=18	2							
17	1	119609-32040	O-RING, P16	4							
18	1	129508-32111	ROTOR, INNER	1							
19	1	129508-32120	ROTOR, OUTER	1							
20	1	119802-32130	SCREW, M6X16	7							
21	1	121850-51960	O-RING	1							
22	1	129001-91841	BOLT, M8X85	3							
23	1	24311-000320	O-RING, 1AP32.0	1							
24	1	26106-080162	BOLT, M8X 16 PLATED	4							
25	1	26106-080162	BOLT, M8X 16 PLATED	3							
26	1	26106-080552	BOLT, M8X 55 PLATED	11							
27	1	26306-080002	NUT, M8	3							
28	1	121023-01550	COVER	1							
29	1	24341-000240	O-RING, 1AS24.0	1							
30	1	26106-060162	BOLT, M6X 16 PLATED	2							
31	1	977770-01212	GASKET, LIQUID	1							

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:Qty Change

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Fig.3. MOUNTING FLANGE & OIL SUMP



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2							
2	1	129657-01600	FLANGE, MOUNTING	1							
3	1	26206-100202	BOLT, M10X 20 PLATED	10							
4	1	26106-080502	BOLT, M8X 50 PLATED	8							
5	1	129550-01702	SUMP, OIL	1							
6	1	129657-01730	COVER ASSY, OIL SUMP	1							
7	2	105425-01690	PLUG, 16	1							
9	2	22190-160002	WASHER, SEAL 16	1							
10	1	129555-01750	PIPE, KNOCK 14X18	1							
11	1	26106-080252	BOLT, M8X 25 PLATED	20							
12	1	129001-91870	BOLT, M8X100	14							
13	1	129001-91910	BOLT, M8X120	4							
14	1	129100-01580	PIN, M8X16	2							
15	1	129100-01640	CASE ASSY, OIL SEAL	1							
17	2	129795-01780	SEAL, OIL	1							
18	1	129486-01670	BOLT, M8X30	9							
19	1	977770-01212	GASKET, LIQUID	1							1

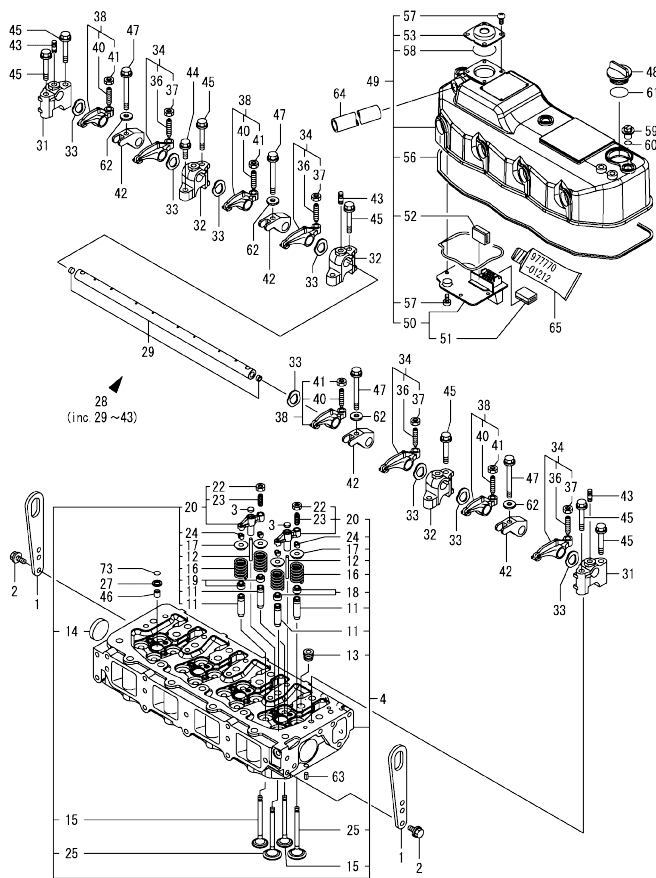
Remarks

(1) OPTIONAL PART.

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.4. CYLINDER HEAD & BONNET



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129900-07900	LIFTER	2							
2	1	26106-080142	BOLT, M8X 14 PLATED	4							
3	1	129508-11840	SEAT, VALVE BRIDGE	8							
4	1	129508-11700	HEAD ASSY, CYLINDER	1							1
11	2	119717-11800	GUIDE, VALVE	16							
12	2	129508-11820	GUIDE	8							
13	2	23876-020000	PLUG, R02	4							
14	2	27241-400000	PLUG, 40	2							
15	2	129508-11110	VALVE, EXHAUST	8							
16	2	129508-11130	SPRING, VALVE	16							
17	2	129508-11180	RETAINER, SPRING	16							
18	2	119717-11340	SEAL, VALVE STEM	8							
19	2	119717-11350	SEAL, VALVE STEM	8							
20	2	129508-11800	BRIDGE ASSY, VALVE	8							
22	3	129150-11750	NUT, M8	8							
23	3	123907-11830	ADJUSTER	8							
24	2	119717-11190	COTTER	32							
25	2	129508-11100	VALVE, INTAKE	8							
27	1	119625-11880	SEAT, NOZZLE	4							
28	1	129508-11240	SHAFT ASSY, ROCKER	1							
29	2	129508-11250	SHAFT, ROCKER ARM	1							
31	2	129508-11260	SUPPORT, ROCKER ARM	2							
32	2	129508-11270	SUPPORT, ROCKER ARM	3							
33	2	129508-11280	WASHER	8							
34	2	129508-11650	ARM, ROCKER	4							
36	3	129150-11230	SCREW, VALVE ADJUST	4							
37	3	129150-11750	NUT, M8	4							
38	2	129508-11660	ARM, ROCKER	4							
40	3	129150-11230	SCREW, VALVE ADJUST	4							
41	3	129150-11750	NUT, M8	4							
42	2	129508-11909	RETAINER, NOZZLE	4							
43	2	26226-080352	STUD, M8X 35	3							
44	1	26106-080252	BOLT, M8X 25 PLATED	3							
45	1	26106-080502	BOLT, M8X 50 PLATED	7							
46	1	119802-11870	PROTECTOR, NOZZLE	4							
47	1	26106-080752	BOLT, M8X 75 PLATED	4							
48	1	124160-01751	COVER, FILLER	1							
49	1	129508-11350	BONNET ASSY, HEAD	1							
50	2	129508-03010	PLATE	1							
51	3	119802-03070	BAFFLE, BREATHER	1							
52	2	129150-03070	BAFFLE, BREATHER	1							
53	2	129006-03120	COVER, DIAPHRAGM	1							
56	2	129508-11310	GASKET, BONNET	1							
57	2	22857-500100	SCREW, 5X10	8							
58	2	24341-000400	O-RING, 1AS40.0	1							
59	1	124160-11360	KNOB	3							
60	1	24311-000120	O-RING, 1AP12.0	3							
61	1	24311-000320	O-RING, 1AP32.0	1							
62	1	127616-11920	WASHER	4							
63	1	22351-060012	PIN, SPRING 6.0X12	2							
64	1	129150-03090	HOSE, ID16X2T	1							

N:Old, New, Q:Old, New, R:Old, New, S:Old, New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++

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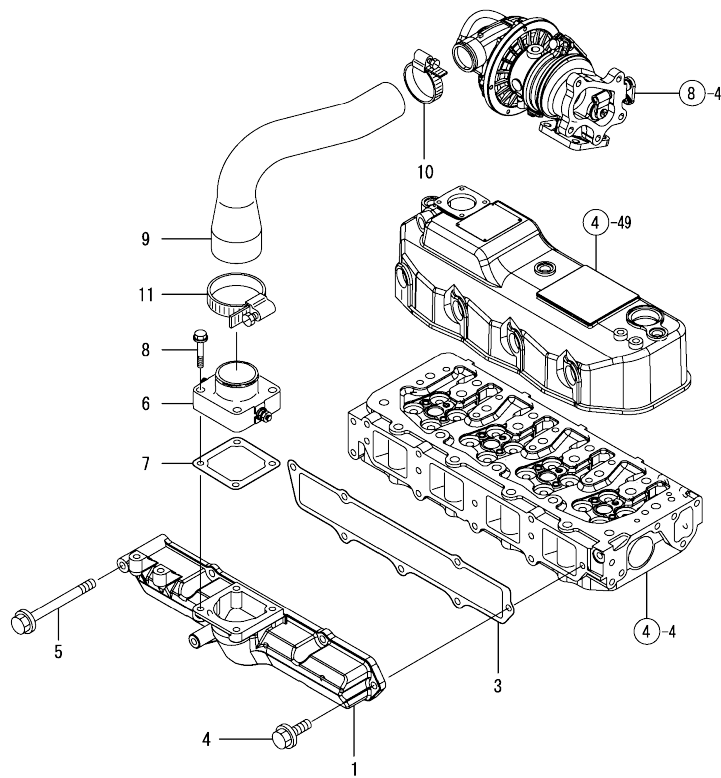
Fig.4. CYLINDER HEAD & BONNET



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

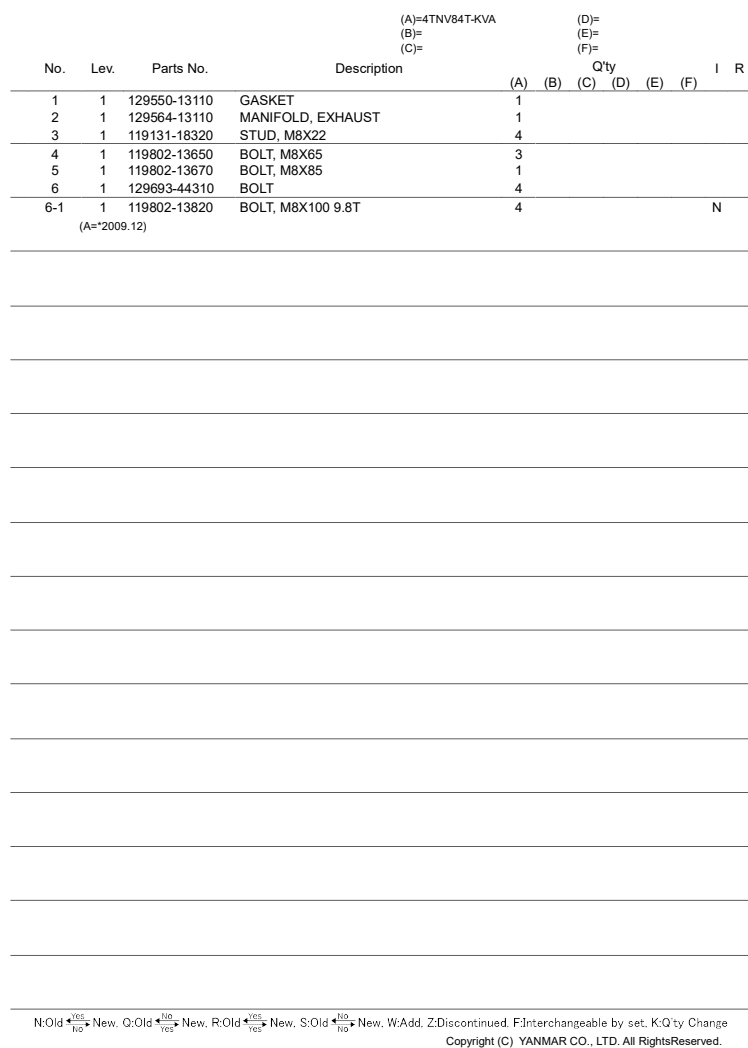
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Fig.5. SUCTION MANIFOLD



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129508-12120	MANIFOLD, AIR INTAKE	1							
1-1	1	129508-12121	MANIFOLD,INTAKE	1							R
(A=EZZZZZ)											
3	1	129508-12110	GASKET, MANIFOLD	1							
4	1	26106-080202	BOLT, M8X 20 PLATED	6							
5	1	26106-080802	BOLT, M8X 80 PLATED	1							
6	1	129120-77501	HEATER	1							
7	1	129150-77511	GASKET	1							
8	1	26106-080352	BOLT, M8X 35 PLATED	4							
9	1	129564-12080	PIPE, AIR INTAKE	1							
10	1	23000-048000	CLAMP, 48	1							
11	1	23000-060000	CLAMP, 60	1							

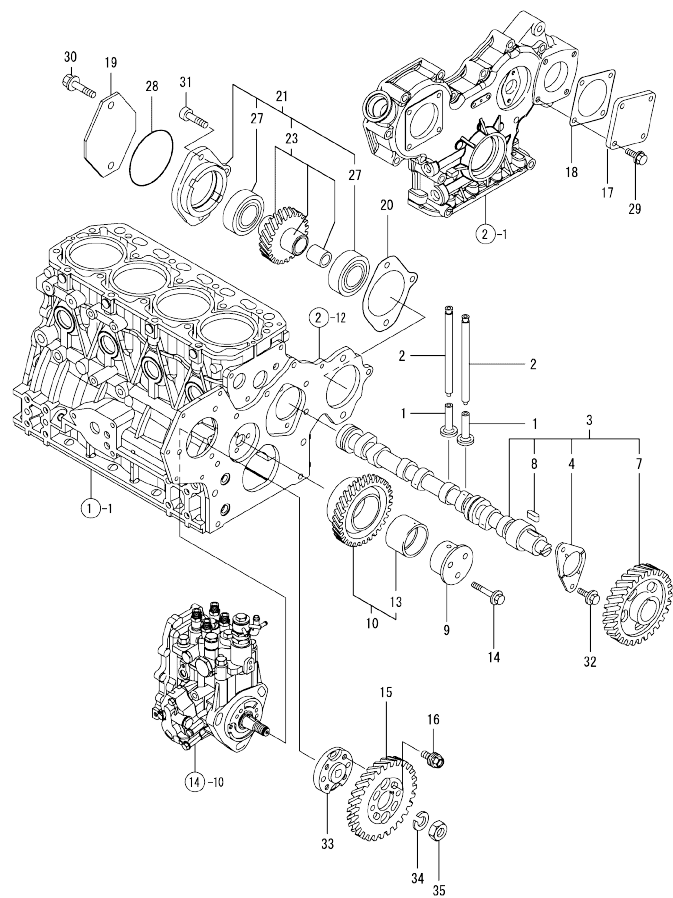
Fig.6. EXHAUST MANIFOLD



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:Qty Change

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Fig.7. CAMSHAFT & DRIVING GEAR



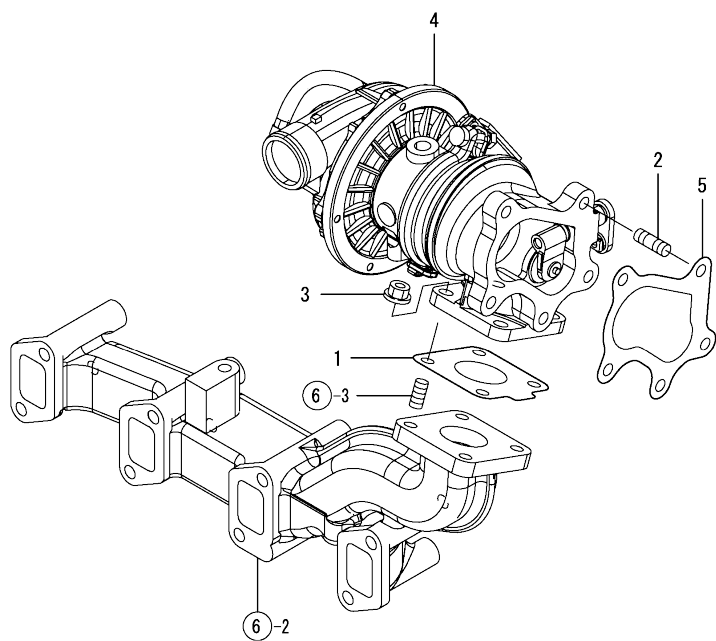
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	8							
2	1	129150-14400	ROD, PUSH L=178	8							
3	1	129508-14580	CAMSHAFT ASSY	1							
4	2	129150-02450	BEARING, THRUST	1							
7	2	129150-14101	GEAR, CAMSHAFT	1							
8	2	22512-070140	KEY, 7X 14	1							
9	1	119802-25051	SHAFT, IDLE	1							
10	1	119802-25100	GEAR ASSY, IDLE	1							
13	2	119802-25070	BUSH, IDLE GEAR	1							1
14	1	26106-080402	BOLT, M8X 40 PLATED	3							
15	1	119802-25901	GEAR, PUMP	1							
16	1	129150-25301	BOLT	4							
17	1	124240-01871	COVER	1							
18	1	124240-01883	GASKET	1							
19	1	121023-26070	COVER	1							
20	1	171353-26081	GASKET	1							
21	1	129051-26200	DRIVE ASSY, PUMP	1							
23	2	129051-26210	GEAR ASSY, PUMP	1							
27	2	24105-060064	BEARING, BALL 6006Z	2							
28	1	24321-000850	O-RING, 1AG85.0	1							
29	1	26106-080162	BOLT, M8X 16 PLATED	4							
30	1	26106-100452	BOLT, M10X 45 PLATED	2							
31	1	26450-080282	BOLT, M8X 28	1							
32	1	26106-080142	BOLT, M8X 14 PLATED	2							
33	1	158552-51151	FLANGE	1							
34	1	22217-140000	WASHER, SPRING 14	1							
35	1	26776-140002	NUT, LOCK M14	1							

Remarks

(1) REPAIR PART.

N:Old $\frac{NHS}{100}$ New, Q:Old $\frac{HQ}{100}$ New, R:Old $\frac{RHS}{100}$ New, S:Old $\frac{HS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.8. TURBINE

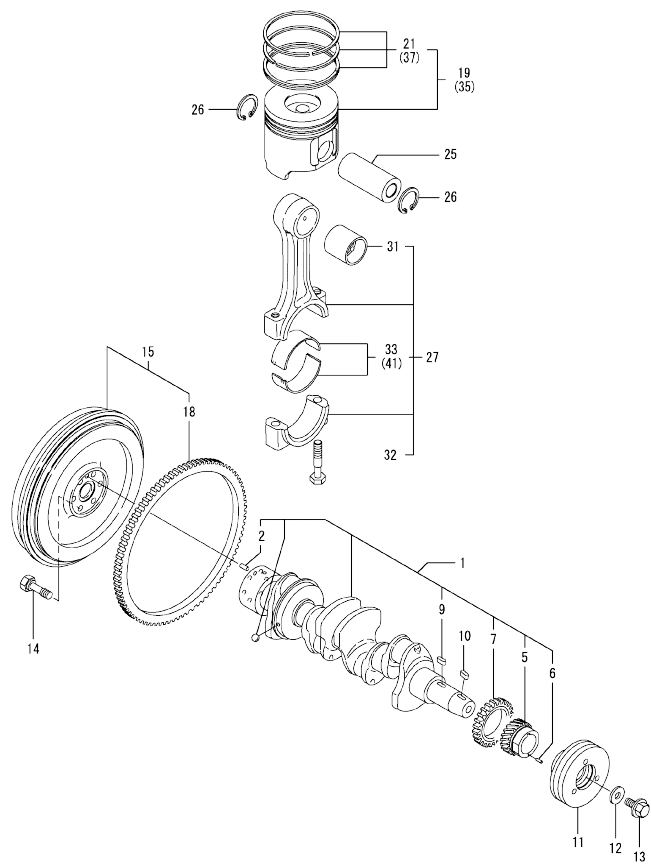


				(A)=4TNV84T-KVA (B)= (C)=	(D)= (E)= (F)=						I	R
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty (D)	(E)	(F)			
1	1	129508-18080	GASKET	1								
2	1	129418-18320	STUD, M8X20	5								
3	1	26306-080002	NUT, M8	5								
4	1	129508-18010	TURBINE, RHF4	1								
5	1	129508-18090	GASKET	1								

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:Qty Change

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Fig.9. CRANKSHAFT & PISTON



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129564-21001	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
5	2	119802-21201	GEAR, CRANKSHAFT	1							
6	2	121850-21290	PIN	1							
7	2	129400-28121	GEAR, BALANCER	1							
9	2	22512-070140	KEY, 7X 14	1							
10	1	22512-070140	KEY, 7X 14	1							
11	1	119802-21650	V-PULLEY, 110	1							
12	1	129795-21661	WASHER	1							
13	1	121850-21680	BOLT	1							
14	1	121111-21501	BOLT, FLYWHEEL	6							
15	1	129457-21560	FLYWHEEL ASSY	1							
18	2	119865-21600	GEAR, RING	1							
19	1	129508-22080	PISTON ASSY	4							
21	2	129004-22500	RING SET, PISTON	4							
25	1	129202-22300	PIN, PISTON D26 L70	4							
26	1	22252-000260	RING, 26	8							
27	1	729402-23100	ROD ASSY, CONNECTING	4							
31	2	129100-23910	BEARING, PISTON PIN	4							1
32	2	121550-23200	BOLT, CONNECTING ROD	8							
33	2	129150-23600	BEARING, CRANK PIN	4							
35	1	129508-22900	PISTON ASSY, 0.25 OS	4							2
37	2	129004-22950	RING SET, 0.25 OS	4							2
41	1	129150-23610	BEARING, 0.25 US	4							3

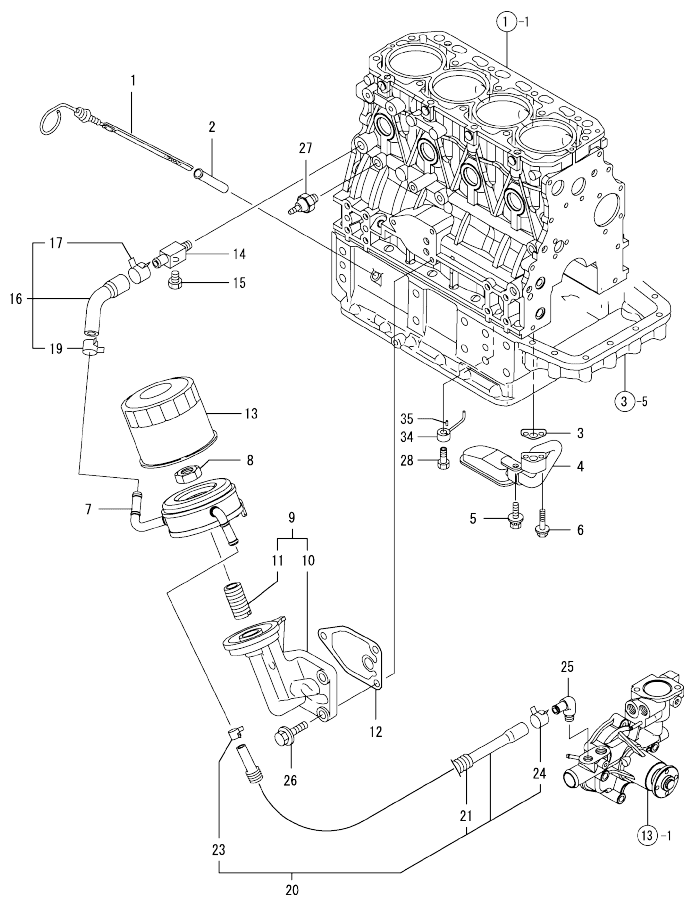
N:Old $\frac{N_{Old}}{N_{New}}$ New, Q:Old $\frac{Q_{Old}}{Q_{New}}$ New, R:Old $\frac{R_{Old}}{R_{New}}$ New, S:Old $\frac{S_{Old}}{S_{New}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.10. BALANCER



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

Fig.11. LUB. OIL SYSTEM

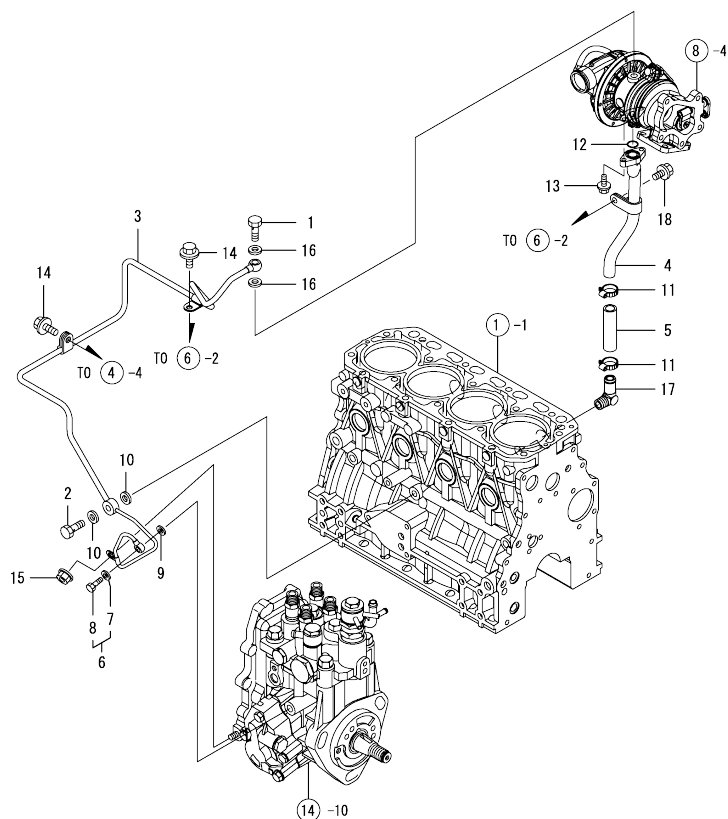


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129457-34800	DIPSTICK, OIL	1							
2	1	121520-34810	GUIDE, DIPSTICK	1							
3	1	129150-35041	GASKET	1							
4	1	129657-35090	PIPE ASSY, OIL INLET	1							
5	1	26014-080162	BOLT, M8X 16	1							
6	1	26106-080352	BOLT, M8X 35 PLATED	2							
7	1	129657-33010	COOLER ASSY, OIL	1							
8	1	129417-33110	NUT	1							
9	1	129564-35200	BRACKET ASSY, FILTER	1							
10	2	129657-35110	BRACKET ASSY, FILTER	1							
11	2	129417-35150	STUD, L=67	1							
12	1	129150-35111	GASKET	1							
13	1	129150-35153	FILTER 80X80L	1							1
14	1	129006-44480	JOINT	1							
15	1	171056-49120	PLUG, DRAIN	1							
16	1	129657-49010	PIPE ASSY, WATER	1							
17	2	171008-03990	CLIP, HOSE 18.5	1							
19	2	23080-015000	CLAMP, 15	1							
20	1	129657-49020	PIPE ASSY, WATER	1							
21	2	129657-49180	TUBE, CORRUGATED	1							
23	2	23080-015000	CLAMP, 15	1							
24	2	23080-018000	CLAMP, 18	1							
25	1	129103-49301	ELBOW, PT1/4	1							
26	1	26106-080202	BOLT, M8X 20 PLATED	3							
27	1	114250-39450	SWITCH, 0.5KG	1							
28	1	129792-39410	VALVE ASSY, CHECK	4							
34	1	129553-39650	NOZZLE	4							
35	1	22351-030010	PIN, SPRING 3.0X10	4							

Remarks

(1) REPAIR PART.

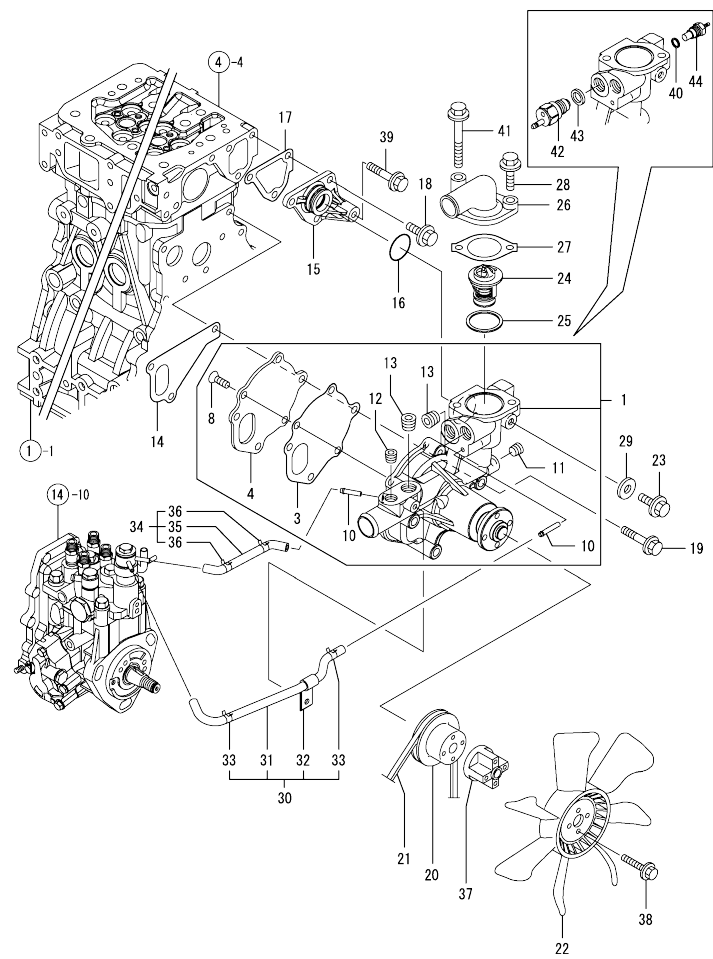
N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{YES}{NO}$ New, R:Old $\frac{YES}{NO}$ New, S:Old $\frac{YES}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121252-39150	BOLT, JOINT M10X1.5	1							
2	1	124160-39140	BOLT, PIPE JOINT M10	1							
3	1	129564-39460	PIPE ASSY, OIL	1							
4	1	129564-39610	PIPE, OIL	1							
5	1	129403-39610	JOINT, RUBBER	1							
6	1	129005-59830	BOLT ASSY, JOINT M8	1							
7	2	22190-080002	WASHER, SEAL 6	1							
8	2	23857-030000	BOLT, JOINT 3	1							
9	1	22190-080002	WASHER, SEAL 6	1							
10	1	22190-100002	WASHER, SEAL 10	2							
11	1	23000-025000	CLAMP, 25	2							
12	1	24314-000160	O-RING, 4CP16.0	1							
13	1	26106-060162	BOLT, M&X 16 PLATED	2							
14	1	26106-080122	BOLT, M&X 12 PLATED	2							
15	1	26366-060002	NUT, M6	1							
16	1	23414-100000	GASKET, 10X1.0	2							
17	1	124070-13300	ELBOW, PT3/8	1							
18	1	26106-080122	BOLT, M&X 12 PLATED	1							

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Fig.13. COOLING WATER SYSTEM



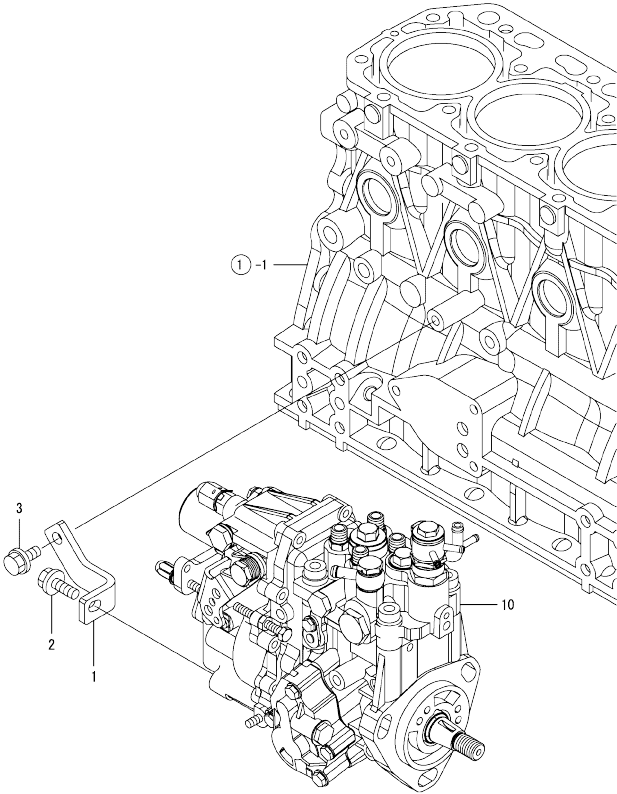
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129508-42000	PUMP ASSY, WATER	1							
3	2	129100-42051	GASKET, WATER PUMP	1							
4	2	129100-42121	PLATE	1							
8	2	26577-060152	SCREW, M6X15	3							
10	2	119802-49112	PIPE, WATER	2							
11	2	23876-010000	PLUG, R01	1							
12	2	23876-020000	PLUG, R02	1							
13	2	23876-030000	PLUG, R03	2							
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	26106-080162	BOLT, M8X 16 PLATED	3							
19	1	26106-080602	BOLT, M8X 60 PLATED	3							
20	1	129155-42350	V-PULLEY	1							
21	1	25152-003600	V-BELT, A36	1							
22	1	121267-44741	FAN, COOLING D=360	1							
23	1	26106-080122	BOLT, M8X 12 PLATED	1							
24	1	129457-49801	THERMOSTAT, 82	1							
25	1	129150-49811	GASKET, THERMOSTAT	1							
26	1	124101-49531	COVER, THERMOSTAT	1							
27	1	129795-49551	GASKET	1							
28	1	26106-080252	BOLT, M8X 25 PLATED	1							
29	1	23414-080000	GASKET, 8X1.0	1							
30	1	129004-49610	PIPE ASSY, WATER	1							
31	2	129004-49711	PIPE ASSY, WATER	1							
32	2	119802-49730	RETAINER, PIPE	1							
33	2	124722-59050	CLIP, HOSE 9	2							
34	1	129004-49620	PIPE ASSY, WATER	1							
35	2	129004-49721	PIPE ASSY, WATER	1							
36	2	124722-59050	CLIP, HOSE 9	2							
37	1	171353-44760	SPACER, FAN	1							
38	1	26106-060352	BOLT, M6X 35 PLATED	4							
39	1	26106-080452	BOLT, M8X 45 PLATED	1							
40	1	129150-49360	GASKET	1							
41	1	26106-080652	BOLT, M8X 65 PLATED	1							
42	1	121250-44901	SWITCH, 110	1							
43	1	124465-44950	GASKET, 16	1							
44	1	124250-49351	SENSOR	1							

N:Old $\frac{NBS}{100}$ New, Q:Old $\frac{HIS}{100}$ New, R:Old $\frac{NBS}{100}$ New, S:Old $\frac{HIS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.14. FUEL INJECTION PUMP

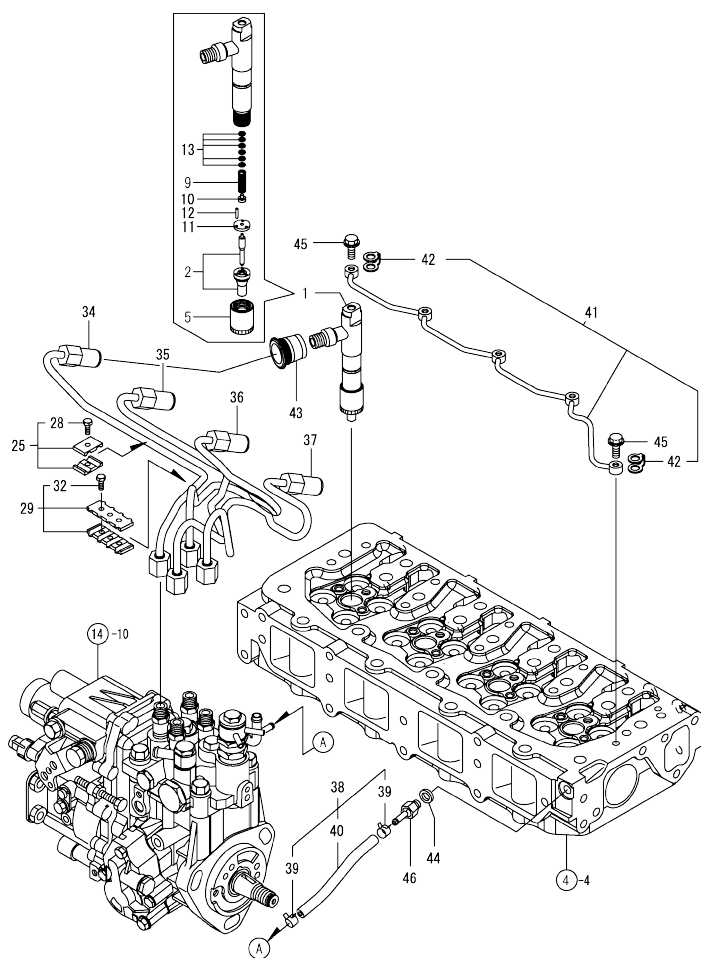
図号 No. 000Y00V8670-1
更新年月 : 2005. 02
REVISED Feb. 2005



Remarks
(1) REFER TO FI.20 & 21 FOR INNER PARTS.

				(A)=4TNV84T-KVA (B)= (C)=	(D)= (E)= (F)=						
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty (D)	(E)	(F)	I	R
1	1	129508-51250	RETAINER, PUMP	1							
2	1	26106-080202	BOLT, M8X 20 PLATED	1							
3	1	26106-080302	BOLT, M8X 30 PLATED	1							
10	1	729564-51300	PUMP ASSY, INJECTION	1							1

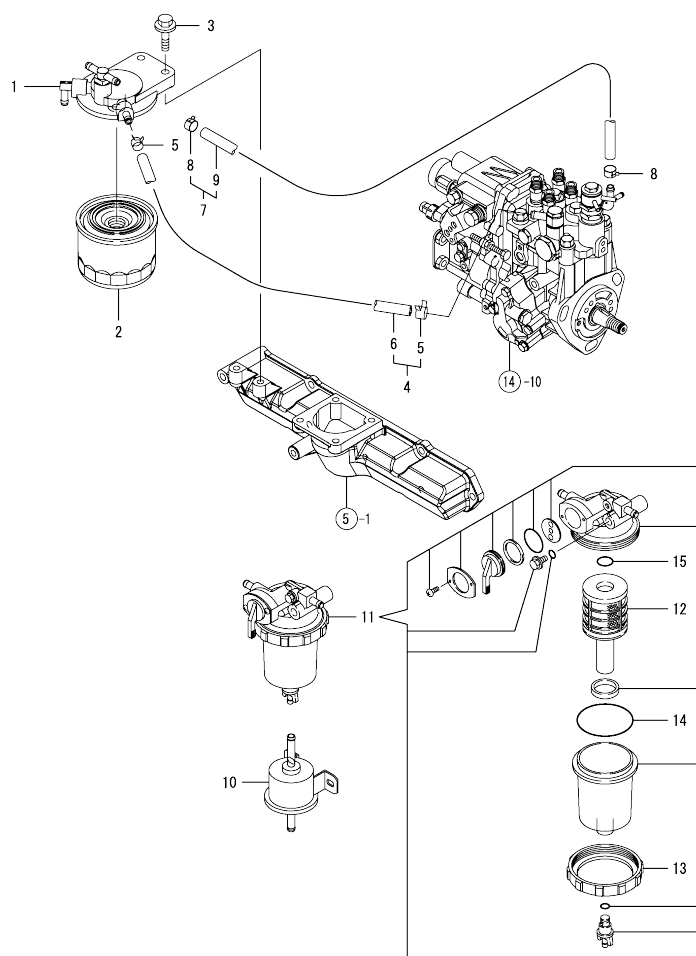
N:Old $\frac{Y00}{100}$ New, Q:Old $\frac{R0}{100}$ New, R:Old $\frac{Y00}{100}$ New, S:Old $\frac{R0}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	729508-53100	VALVE ASSY,INJECTION	4						
2	2	129508-53000	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	114250-53400	SHIM SET	4						
25	1	119305-59120	RETAINER, PIPE	2						
28	2	129150-59131	BOLT, M4X14	2						
29	1	129550-59120	RETAINER, PIPE	1						
32	2	129150-59131	BOLT, M4X14	2						
34	1	129508-59910	PIPE ASSY, INJECTION	1						
35	1	129508-59920	PIPE ASSY, INJECTION	1						
36	1	129508-59930	PIPE ASSY, INJECTION	1						
37	1	129508-59940	PIPE ASSY, INJECTION	1						
38	1	129508-59570	PIPE ASSY, RETURN	1						
39	2	124722-59050	CLIP, HOSE 9	2						
40	2	129508-59510	PIPE, FUEL RETURN	1						
41	1	129508-59550	PIPE ASSY, RETURN	1						
42	2	123907-59550	GASKET	5						
43	1	123907-11601	SEAL	4						
44	1	22190-080002	WASHER, SEAL 6	1						
45	1	123907-59540	BOLT, PIPE JOINT M6	5						
46	1	123907-59560	JOINT	1						

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:Qty Change

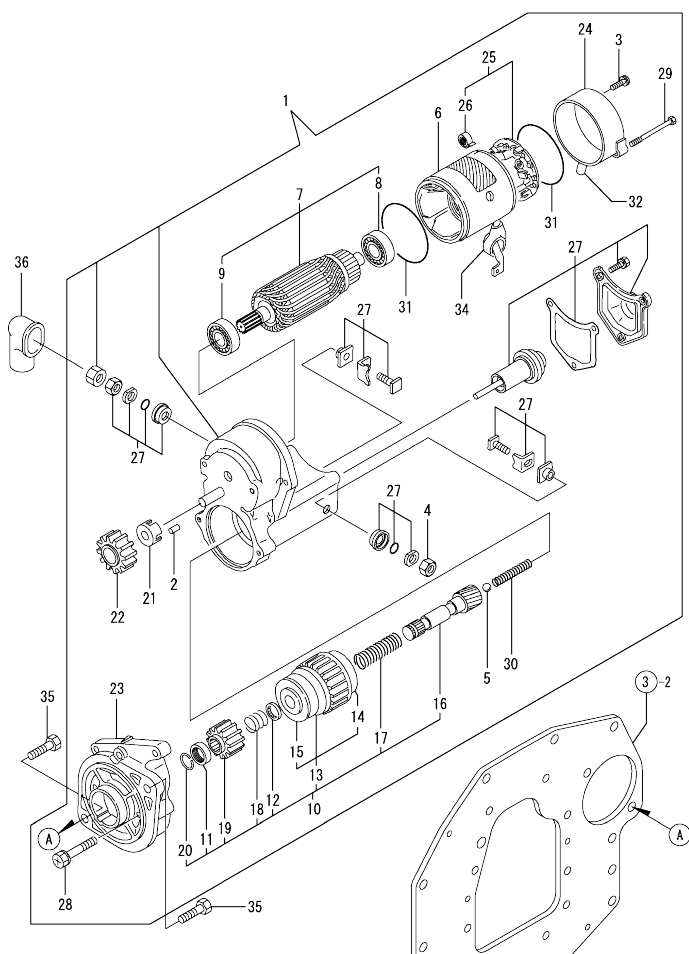
Fig.16. FUEL LINE



				(A)=4TNV84T-KVA (B)= (C)=				(D)= (E)= (F)=					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	Q'ty		I	R
1	1	129004-55610	BRACKET, FILTER	1									
2	1	119802-55800	FILTER, FUEL	1									
3	1	26106-080302	BOLT, M&X 30 PLATED	2									
4	1	129210-59110	PIPE ASSY, FUEL	1									
5	2	124766-59050	CLIP, HOSE 12	2									
6	2	105025-59560	PIPE, FUEL	1									
7	1	129210-59160	PIPE ASSY, FUEL	1									
8	2	124766-59050	CLIP, HOSE 12	2									
9	2	129612-59520	PIPE, FUEL	1									
10	1	119225-52102	PUMP ASSY, FUEL FEED	1									
11	1	119802-55700	SEPARATOR ASSY	1									
12	2	119802-55710	ELEMENT	1									
13	2	129100-55690	RING, RETAINING	1									
14	2	24321-000650	O-RING, 1AG65.0	1									
15	2	24311-000160	O-RING, 1AP16.0	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

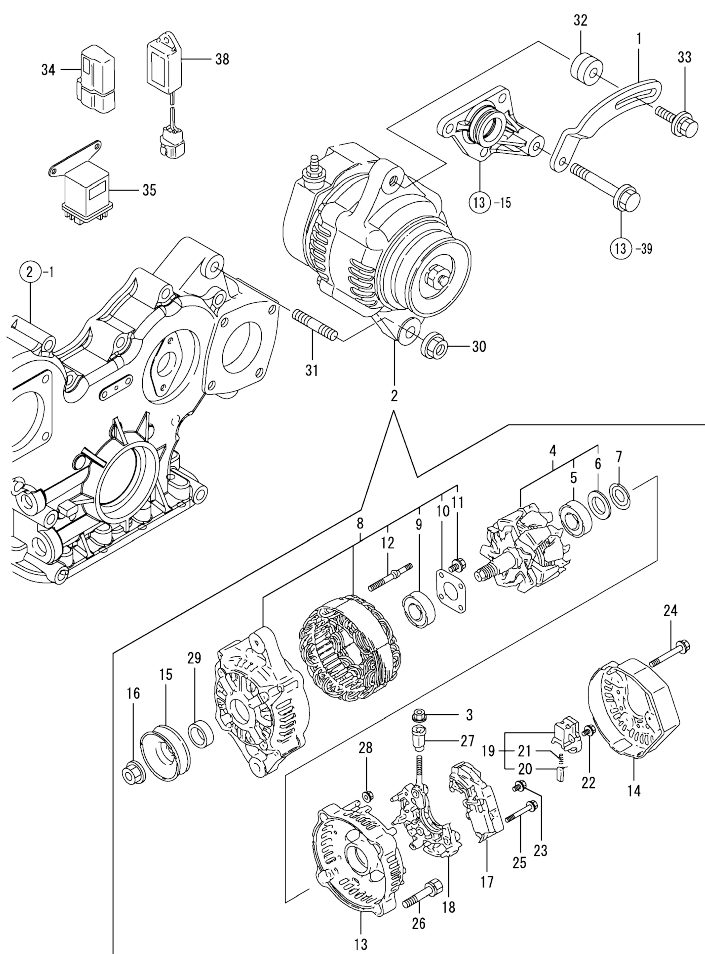
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129407-77010	STARTER, RA1.4	1							
2	2	X0283060061	ROLLER	5							
3	2	129129-77460	SCREW	2							
4	2	X9490561370	NUT	1							
5	2	X9491200240	BALL	1							
6	2	129407-77210	YOKE ASSY	1							
7	2	129407-77220	ARMATURE ASSY	1							
8	3	129129-77230	BEARING	1							
9	3	129129-77240	BEARING	1							
10	2	129407-77250	STARTER	1							
11	3	X0280210230	NUT	1							
12	3	X0283270140	RETAINER	1							
13	3	129407-77390	CLUTCH ASSY	1							
14	4	129129-77440	BEARING	1							
15	4	129129-77450	BEARING	1							
16	3	129129-77400	SHAFT	1							
17	3	129129-77410	SPRING, COIL	1							
18	3	X9491703371	SPRING, COIL	1							
19	3	129129-77420	PINION	1							
20	3	129129-77430	RING	1							
21	2	129129-77260	RETAINER	1							
22	2	129129-77270	PINION	1							
23	2	129407-77280	HOUSING	1							
24	2	129407-77290	FRAME	1							
25	2	129407-77300	HOLDER ASSY	1							
26	3	X9491730461	SPRING	4							
27	2	129407-77310	SWITCH ASSY	1							
28	2	129129-77320	BOLT	2							
29	2	129407-77330	BOLT	2							
30	2	129129-77340	SPRING	1							
31	2	129129-77350	O-RING	2							
32	2	129129-77362	COVER	1							
34	2	129129-77380	CAP	1							
35	1	26116-120252	BOLT, M12X 25 PLATED	2							
36	1	124550-77030	COVER, TERMINAL	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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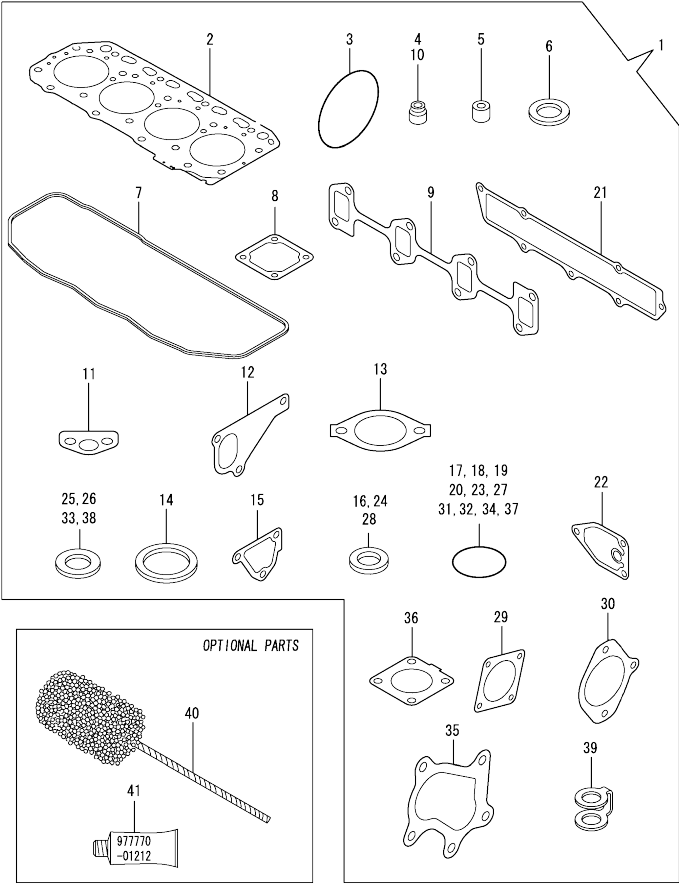


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129051-77330	ADJUSTER	1							
2	1	129423-77200	GENERATOR, 12V-40A	1							
3	2	X9490561001	NUT	1							
4	2	119620-77380	ROTOR ASSY	1							
5	3	123501-79240	BEARING, BALL	1							
6	3	119620-79250	COVER, BEARING	1							
7	2	119620-79360	WASHER, THRUST	1							
8	2	119620-77421	FRAME ASSY, DRIVE	1							
9	3	119620-79200	BALL BEARING	1							
10	3	119620-79210	PLATE	1							
11	3	119620-79220	SCREW	4							
12	3	119620-79230	BOLT, STUD	2							
13	2	119620-77440	FLAME ASSY, REAR	1							
14	2	129240-79300	COVER	1							
15	2	119620-77461	PULLEY	1							
16	2	119620-77471	NUT	1							
17	2	129423-77710	REGULATOR ASSY	1							
18	2	119620-79260	HOLDER	1							
19	2	119152-79270	HOLDER, BRUSH	1							
20	3	119620-77480	BRUSH ASSY	2							
21	3	119620-79280	SPRING	2							
22	2	119620-79290	SCREW	1							
23	2	119620-79300	SCREW	1							
24	2	119620-79310	BOLT	3							
25	2	119620-79320	SCREW W/WASHER	2							
26	2	119620-79330	BOLT	2							
27	2	119620-79340	INSULATION BUSH	1							
28	2	119620-79350	NUT	2							
29	2	119620-77490	COLLAR	1							
30	1	26306-100002	NUT, M10	1							
31	1	129795-01900	STUD	1							
32	1	129657-77340	SPACER	1							
33	1	26014-080502	BOLT, M8X 50	1							
34	1	119643-66900	DIODE	1							
35	1	119650-77910	RELAY ASSY, GLOW	1							
38	1	129211-77920	TIMER	1							

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

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Fig.19. GASKET SET



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729408-92960	GASKET SET	1							1
2	2	129508-01330	GASKET, HEAD	1							
3	2	121850-51960	O-RING	1							
4	2	119717-11340	SEAL, VALVE STEM	8							
5	2	119802-11870	PROTECTOR, NOZZLE	4							
6	2	119625-11880	SEAT, NOZZLE	4							
7	2	129508-11310	GASKET, BONNET	1							
8	2	129150-77511	GASKET	1							
9	2	129550-13110	GASKET	1							
10	2	119717-11350	SEAL, VALVE STEM	8							
11	2	129150-35041	GASKET	1							
12	2	129486-42021	GASKET, WATER PUMP	1							
13	2	129795-49551	GASKET	1							
14	2	129150-49811	GASKET, THERMOSTAT	1							
15	2	124395-49840	GASKET	1							
16	2	22190-080002	WASHER, SEAL 6	3							
17	2	24311-000120	O-RING, 1AP12.0	3							
18	2	24311-000320	O-RING, 1AP32.0	2							
19	2	24341-000240	O-RING, 1AS24.0	1							
20	2	129486-42140	O-RING, G30	1							
21	2	129508-12110	GASKET, MANIFOLD	1							
22	2	129150-35111	GASKET	1							
23	2	119609-32040	O-RING, P16	4							
24	2	22190-100002	WASHER, SEAL 10	2							
25	2	23414-080000	GASKET, 8X1.0	1							
26	2	129150-49360	GASKET	1							
27	2	24311-000150	O-RING, 1AP15.0	1							
28	2	22190-160002	WASHER, SEAL 16	1							
29	2	124240-01883	GASKET	1							
30	2	171353-26081	GASKET	1							
31	2	24321-000850	O-RING, 1AG85.0	1							
32	2	24311-000140	O-RING, 1AP14.0	1							
33	2	124465-44950	GASKET, 16	1							
34	2	24341-000400	O-RING, 1AS40.0	1							
35	2	129508-18090	GASKET	1							
36	2	129508-18080	GASKET	1							
37	2	24314-000160	O-RING, 4CP16.0	1							
38	2	23414-100000	GASKET, 10X1.0	2							
39	2	123907-59550	GASKET	5							
40	1	129400-92420	FLEX HORN	1							1
41	1	977770-01212	GASKET, LIQUID	1							1

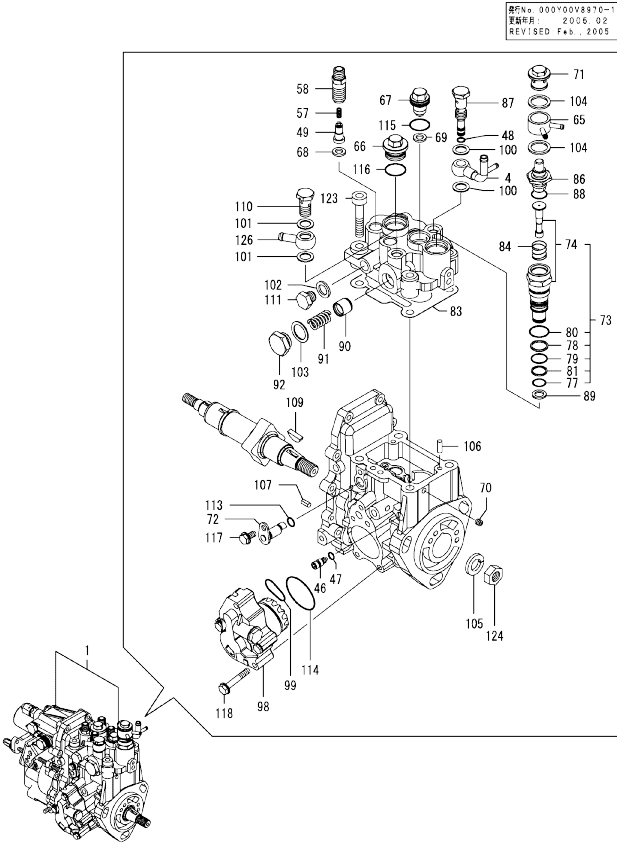
Remarks

(1) OPTIONAL PART.

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.20. FUEL INJECTION PUMP(INNER PARTS)



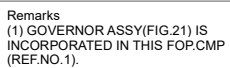
Remarks
(1) GOVERNOR ASSY(FIG.21) IS
INCORPORATED IN THIS FOP.CMP
(REF.NO.1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729564-51300	PUMP ASSY, INJECTION	1							1
4	2	158552-51670	JOINT, OVER FLOW	1							
46	2	158600-51270	STOPPER, TAPPET	1							
47	2	158563-51281	O-RING, 4D S6	1							
48	2	158563-51281	O-RING, 4D S6	1							
49	2	158560-51300	VALVE ASSY, DELIVERY	4							
57	2	158563-51330	SPRING, DELIVERY	4							
58	2	158601-51340	HOLDER, DELIVERY	4							
65	2	158553-51551	JOINT	1							
66	2	158601-51550	PLUG	1							
67	2	119802-51560	PLUG, BARREL	1							
68	2	158552-51570	GASKET	4							
69	2	158552-51570	GASKET	1							
70	2	158557-51570	PLUG	1							
71	2	158601-51570	PLUG	1							
72	2	158552-51580	LIFTER	1							
73	2	119802-51590	TIMER SET	1							
74	3	119802-51600	TIMER ASSY	1							
77	3	158553-51670	O-RING, 1011	1							
78	3	119802-51680	RING, BACK UP	1							
79	3	119802-51690	O-RING	1							
80	3	24356-010200	O-RING, 4D1020	1							
81	3	24372-000150	RING, BACK UP T2P15	1							
83	2	158552-51600	GASKET	1							
84	2	158553-51630	SPRING, TIMER	1							
86	2	158553-51640	ELEMENT	1							
87	2	158601-51650	JOINT, OVER FLOW	1							
88	2	158553-51660	O-RING, P14	1							
89	2	158553-51680	GASKET	1							
90	2	158601-51770	PISTON	1							
91	2	158552-51780	SPRING	1							
92	2	158601-51790	PLUG	1							
98	2	158552-52100	PUMP ASSY, FUEL FEED	1							
99	2	158552-52310	O-RING	1							
100	2	22190-120002	WASHER, SEAL 12	2							
101	2	22190-120002	WASHER, SEAL 12	2							
102	2	22190-120002	WASHER, SEAL 12	1							
103	2	22190-180002	WASHER, SEAL 18	1							
104	2	22190-180002	WASHER, SEAL 18	2							
105	2	22217-140000	WASHER, SPRING 14	1							
106	2	22312-050140	PIN, PARALLEL M5X14	2							
107	2	22351-050010	PIN, SPRING 5.0X10	2							
109	2	119802-51090	KEY, 4X16	1							
110	2	23857-060000	BOLT, JOINT 6	1							
111	2	23887-120002	PLUG, 12	1							
113	2	24311-000070	O-RING, 1AP7.0	1							
114	2	158552-52400	O-RING, 4E S42	1							
115	2	24356-010180	O-RING, 4D1018	1							
116	2	24356-010200	O-RING, 4D1020	1							
117	2	26106-060102	BOLT, M6X 10 PLATED	1							
118	2	158553-51770	BOLT	4							

N:Old $\frac{New}{Old}$ New, O:Old $\frac{New}{Old}$ New, R:Old $\frac{New}{Old}$ New, S:Old $\frac{New}{Old}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++

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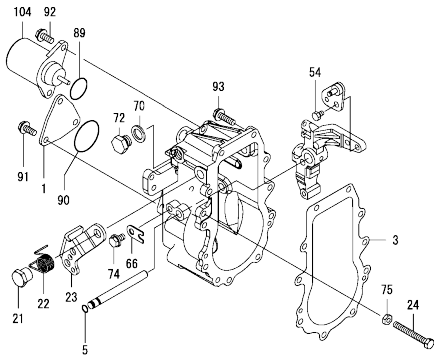
Fig.20. FUEL INJECTION PUMP(INNER PARTS)

[illegible]

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:Qty Change

OCV10-M89700

Fig.21. GOVERNOR (INNER PARTS)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	158563-61060	COVER, GOVERNOR CASE	1							
3	2	158553-61050	GASKET	1							
5	2	129155-61280	O-RING, S6	1							
21	2	129255-61410	NUT, LOCK	1							
22	2	119807-61420	SPRING, RETURN	1							
23	2	158552-61441	LEVER, REGULATOR	1							
24	2	129155-61460	BOLT, IDLE	1							
54	2	26116-060102	BOLT, M6X 10 PLATED	1							
66	2	119660-61901	RETAINER, SHAFT	1							
70	2	22190-120000	WASHER, SEAL 12	1							
72	2	23887-120002	PLUG, 12	1							
74	2	26106-060102	BOLT, M6X 10 PLATED	1							
75	2	26756-060002	NUT, LOCK M6	1							
89	2	24341-000280	O-RING, 1AS28.0	1							
89-1	2	158552-61900	O-RING	1							N
(A=EXXXXX)											
90	2	24341-000360	O-RING, 1AS36.0	1							
91	2	26106-060102	BOLT, M6X 10 PLATED	3							
92	2	26106-060142	BOLT, M6X 14 PLATED	2							
93	2	26106-060202	BOLT, M6X 20 PLATED	10							
104	2	119653-77950	SOLENOID, STOP	1							

Remarks
* THIS FIGURE(GOVERNOR ASSY)IS
INCORPORATED IN THE FUEL INJECTION
PUMP ASSY(FIG.20).

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Parts No.	Fig. No.	Ref. No.
105025-59560	16	6
105425-01690	3	7
114250-39450	11	27
114250-53080	15	5
114250-53120	15	9
114250-53130	15	10
114250-53140	15	11
114250-53210	15	12
114250-53400	15	13
119131-18320	6	3
119152-79270	18	19
119225-52102	16	10
119305-59120	15	25
119309-01810	1	30
119609-32040	2	17
	19	23
119620-77380	18	4
119620-77421	18	8
119620-77440	18	13
119620-77461	18	15
119620-77471	18	16
119620-77480	18	20
119620-77490	18	29
119620-79200	18	9
119620-79210	18	10
119620-79220	18	11
119620-79230	18	12
119620-79250	18	6
119620-79260	18	18
119620-79280	18	21
119620-79290	18	22
119620-79300	18	23
119620-79310	18	24
119620-79320	18	25
119620-79330	18	26
119620-79340	18	27
119620-79350	18	28
119620-79360	18	7
119625-11880	4	27
	19	6
119643-66900	18	34
119650-77910	18	35
119653-77950	21	104
119660-61901	21	66
119717-11190	4	24
119717-11340	4	18
	19	4
119717-11350	4	19
	19	10
119717-11800	4	11

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119802-01560	2	13
119802-03070	4	51
119802-11870	4	46
	19	5
119802-13650	6	4
119802-13670	6	5
119802-13820	6	6 -1
119802-21201	9	5
119802-21650	9	11
119802-25051	7	9
119802-25070	7	13
119802-25100	7	10
119802-25901	7	15
119802-32070	2	8
119802-32100	2	7
119802-32130	2	20
119802-49112	13	10
119802-49730	13	32
119802-51090	20	109
119802-51560	20	67
119802-51590	20	73
119802-51600	20	74
119802-51680	20	78
119802-51690	20	79
119802-55700	16	11
119802-55710	16	12
119802-55800	16	2
119807-61420	21	22
119865-21600	9	18
121023-01550	2	28
121023-26070	7	19
121111-21501	9	14
121250-44901	13	42
121252-39150	12	1
121267-44741	13	22
121520-34810	11	2
121550-23200	9	32
121850-21290	9	6
	10	16
121850-21680	9	13
121850-51960	2	21
	19	3
123501-79240	18	5
123907-11601	15	43
123907-11830	4	23
123907-59540	15	45
123907-59550	15	42
	19	39
123907-59560	15	46
124060-01050	1	10

Parts No.	Fig. No.	Ref. No.
124070-13300	12	17
124101-49531	13	26
124160-01751	2	14
	4	48
124160-01910	1	5
124160-11360	4	59
124160-39140	12	2
124240-01871	2	15
	7	17
124240-01883	7	18
	19	29
124250-49351	13	44
124395-49840	13	17
	19	15
124465-44950	13	43
	19	33
124550-77030	17	36
124722-59050	13	33
	15	39
124766-59050	16	5
	8	
127616-11920	4	62
128170-14150	10	17
129001-01250	1	11
129001-02930	1	24
129001-32330	2	11
129001-91841	2	22
129001-91870	3	12
129001-91910	3	13
129004-01190	1	33
129004-22500	9	21
129004-22950	9	37
129004-42040	13	15
129004-49610	13	30
129004-49620	13	34
129004-49711	13	31
129004-49721	13	35
129004-55610	16	1
129005-01520	2	12
129005-59830	12	6
129006-03120	4	53
129006-44480	11	14
129051-26200	7	21
129051-26210	7	23
129051-77330	18	1
129100-01580	3	1
	14	
	9	2
129100-01640	3	15

Parts No.	Fig. No.	Ref. No.
129100-23910	9	31
129100-42051	13	3
129100-42121	13	4
129100-55690	16	13
129103-49301	11	25
129120-77501	5	6
129129-77230	17	8
129129-77240	17	9
129129-77260	17	21
129129-77270	17	22
129129-77320	17	28
129129-77340	17	30
129129-77350	17	31
129129-77362	17	32
129129-77380	17	34
129129-77400	17	16
129129-77410	17	17
129129-77420	17	19
129129-77430	17	20
129129-77440	17	14
129129-77450	17	15
129129-77460	17	3
129150-01200	1	31
129150-02020	1	7
129150-02450	7	4
129150-02870	1	34
129150-02930	1	27
129150-02940	1	37
129150-03070	4	52
129150-03090	4	64
129150-11230	4	36
	40	
129150-11750	4	22
	37	
	41	
129150-14101	7	7
129150-14200	7	1
129150-14400	7	2
129150-23600	9	33
129150-23610	9	41
129150-25301	7	16
129150-35041	11	3
	19	11
129150-35111	11	12
	19	22
129150-35153	11	13
129150-49360	13	40
	19	26
129150-49811	13	25
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129150-59131	15	28
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129150-77511	5	7
	19	8
129155-42350	13	20
129155-51280	21	5
129155-61460	21	24
129202-22300	9	25
129210-59110	16	4
129210-59160	16	7
129211-77920	18	38
129240-79300	18	14
129255-61410	21	21
129400-28121	9	7
129400-28150	10	15
129400-92420	19	40
129403-39610	12	5
129407-28240	10	4
129407-77010	17	1
129407-77210	17	6
129407-77220	17	7
129407-77250	17	10
129407-77280	17	23
129407-77290	17	24
129407-77300	17	25
129407-77310	17	27
129407-77330	17	29
129407-77390	17	13
129417-33110	11	8
129417-35150	11	11
129418-18320	8	2
129418-32320	2	10
129423-77200	18	2
129423-77710	18	17
129457-21560	9	15
129457-28000	10	1
129457-28011	10	2
129457-34800	11	1
129457-49801	13	24
129486-01670	3	18
129486-42021	13	14
	19	12
129486-42140	13	16
	19	20
129508-01330	1	32
	19	2
129508-03010	4	50
129508-11100	4	25
129508-11110	4	15
129508-11130	4	16

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129508-11180	4	17
129508-11240	4	28
129508-11250	4	29
129508-11260	4	31
129508-11270	4	32
129508-11280	4	33
129508-11310	4	56
	19	7
129508-11350	4	49
129508-11650	4	34
129508-11660	4	38
129508-11700	4	4
129508-11800	4	20
129508-11820	4	12
129508-11840	4	3
129508-11909	4	42
129508-12110	5	3
	19	21
129508-12120	5	1
129508-12121	5	1 -1
129508-14580	7	3
129508-18010	8	4
129508-18080	8	1
	19	36
129508-18090	8	5
	19	35
129508-22080	9	19
129508-22900	9	35
129508-32111	2	18
129508-32120	2	19
129508-42000	13	1
129508-51250	14	1
129508-53000	15	2
129508-59510	15	40
129508-59550	15	41
129508-59570	15	38
129508-59910	15	34
129508-59920	15	35
129508-59930	15	36
129508-59940	15	37
129550-01702	3	5
129550-13110	6	1
	19	9
129550-59120	15	29
129553-39650	11	34
129555-01750	3	10
129564-12080	5	9
129564-13110	6	2
129564-21001	9	1
129564-35200	11	9

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129564-39460	12	3
129564-39610	12	4
129612-59520	16	9
129657-01600	3	2
129657-01730	3	6
129657-33010	11	7
129657-35090	11	4
129657-35110	11	10
129657-49010	11	16
129657-49020	11	20
129657-49180	11	21
129657-77340	18	32
129693-44310	6	6
129792-39410	11	28
129795-01780	3	17
129795-01800	2	6
129795-01900	18	31
129795-01950	2	16
129795-01960	10	20
129795-02411	1	14
129795-21661	9	12
129795-49551	13	27
	19	13
129900-07900	4	1
129900-32130	2	9
129916-59020	20	126
158552-51151	7	33
158552-51570	20	68
		69
158552-51580	20	72
158552-51600	20	83
158552-51670	20	4
158552-51780	20	91
158552-52100	20	98
158552-52310	20	99
158552-52400	20	114
158552-61441	21	23
158552-61900	21	89 -1
158553-51551	20	65
158553-51630	20	84
158553-51640	20	86
158553-51660	20	88
158553-51670	20	77
158553-51680	20	89
158553-51770	20	118
158553-61050	21	3
158557-51570	20	70
158560-51300	20	49
158563-51281	20	47
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158563-51330	20	57
158563-61060	21	1
158600-51270	20	46
158601-51340	20	58
158601-51550	20	66
158601-51570	20	71
158601-51650	20	87
158601-51770	20	90
158601-51790	20	92
171008-03990	11	17
171051-01921	1	6
171056-49120	11	15
171353-26081	7	20
	19	30
171353-44760	13	37
22190-080002	12	7
		9
	15	44
	19	16
22190-100002	12	10
	19	24
22190-120000	21	70
22190-120002	20	100
		101
		102
22190-160002	3	9
	19	28
22190-180002	20	103
		104
22217-140000	7	34
	20	105
22252-000260	9	26
22312-050140	20	106
22351-030010	11	35
22351-050010	20	107
22351-060012	4	63
22512-070140	7	8
	9	9
		10
22857-500100	4	57
23000-025000	12	11
23000-048000	5	10
23000-060000	5	11
23080-015000	11	19
		23
23080-018000	11	24
23414-080000	13	29
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23414-100000	12	16
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23857-060000	20	110
23876-005000	10	18
23876-010000	13	11
23876-020000	4	13
	13	12
23876-030000	2	4
	13	13
23876-040000	2	5
23887-120002	20	111
	21	72
24105-060064	7	27
24311-000070	20	113
24311-000120	4	60
		73
	19	17
24311-000140	10	21
	19	32
24311-000150	19	27
24311-000160	16	15
24311-000320	2	23
	4	61
	19	18
24314-000160	12	12
	19	37
24321-000650	16	14
24321-000850	7	28
	19	31
24341-000240	2	29
	19	19
24341-000280	21	89
24341-000360	21	90
24341-000400	4	58
	19	34
24356-010180	20	115
24356-010200	20	80
		116
24372-000150	20	81
25152-003600	13	21
26014-080162	11	5
26014-080502	18	33
26106-060102	20	117
	21	74
		91
26106-060142	21	92
26106-060162	2	30
	12	13
26106-060202	21	93
26106-060352	13	38
26106-080122	12	14

Parts No.	Fig. No.	Ref. No.
26106-080122	12	18
	13	23
26106-080142	4	2
	7	32
	10	19
26106-080162	2	24
		25
	7	29
	13	18
26106-080202	5	4
	11	26
	14	2
26106-080252	3	11
	4	44
	13	28
26106-080302	14	3
	16	3
26106-080352	5	8
	11	6
26106-080402	7	14
26106-080452	13	39
26106-080502	3	4
	4	45
26106-080552	2	26
26106-080602	10	22
	13	19
26106-080652	13	41
26106-080752	4	47
26106-080802	5	5
	10	23
26106-100452	7	30
26116-060102	21	54
26116-120252	17	35
26206-100202	3	3
26226-080352	4	43
26306-080002	2	27
	8	3
26306-100002	18	30
26366-060002	12	15
26450-080282	7	31
26450-080452	20	123
26577-060152	13	8
26756-060002	21	75
26776-140002	7	35
	20	124
27241-120000	1	12
27241-300000	1	13
27241-400000	4	14
729402-23100	9	27
729408-92960	19	1

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729490-28510	10	5
729490-28520	10	10
729508-01520	2	1
729508-53100	15	1
729564-01560	1	1
729564-51300	14	10
	20	1
977770-01212	2	31
	3	19
	4	65
	19	41
X0280210230	17	11
X0283060061	17	2
X0283270140	17	12
X9490561001	18	3
X9490561370	17	4
X9491200240	17	5
X9491703371	17	18
X9491730461	17	26

Parts No.	Fig. No.	Ref. No.
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