

0CW10-M04300EN

PREFACE

- 1.This Parts Catalog carries all parts incorporated in YANMAR Model 3TNV84T-GKL engine manufactured since June, 2005.
- 2.Each illustration corresponds to the parts list on the following page.
- 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 you have 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 $\xrightarrow{\text{No}}$ 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 Mark

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

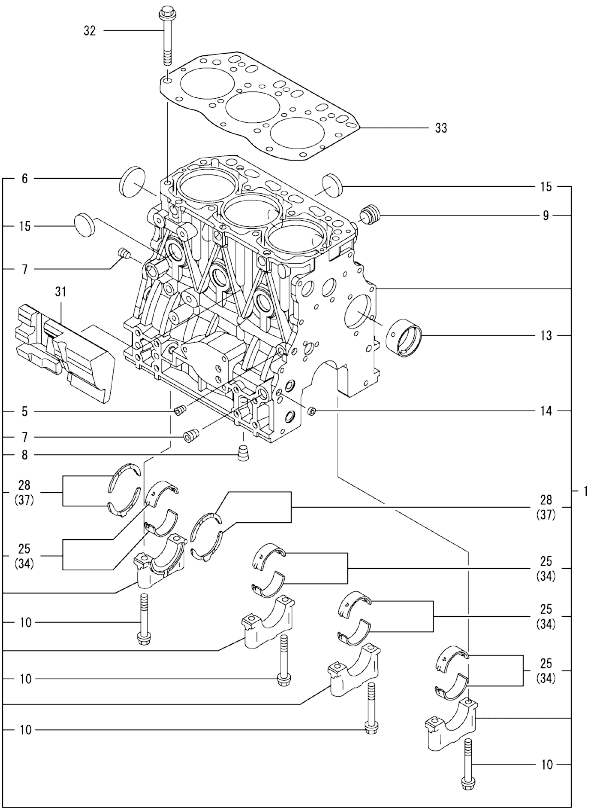
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

Contents

Fig. No.	Fig. Name	Fig. No.	Fig. Name
ENGINE 3TNV84T-GKL			
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.	LUB.OIL SYSTEM		
11.	LUB.OIL LINE		
12.	COOLING WATER SYSTEM		
13.	FUEL INJECTION PUMP		
14.	GOVERNOR		
15.	FUEL INJECTION VALVE		
16.	FUEL LINE		
17.	STARTING MOTOR		
18.	GASKET SET		

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Fig.1. CYLINDER BLOCK

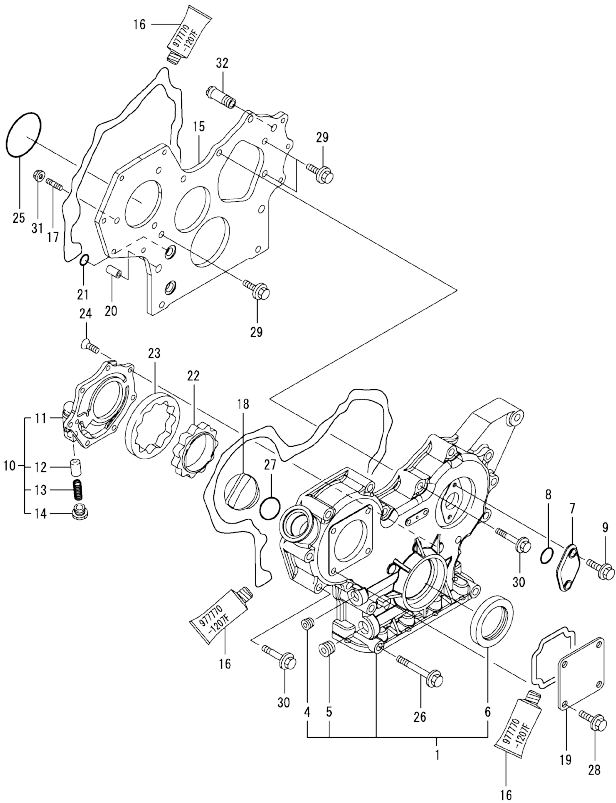


Remarks
(1) UNDER-SIZE(U.S=0.25)PART.
(2) OVER-SIZE(O.S=0.25)PART.
(3) REPAIR PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729006-01560	BLOCK ASSY, CYLINDER	1							
5	2	124060-01050	PLUG, PT1/8	1							
6	2	129001-01250	PLUG, 50	1							
7	2	124160-01910	PLUG, PT1/4	2							
8	2	124160-01910	PLUG, PT1/4	1							
9	2	171051-01921	PLUG, NPTF1	1							
10	2	129150-02020	BOLT, METAL CAP	8							
13	2	129795-02411	BUSH, CAMSHAFT	1							
14	2	27241-120000	PLUG, 12	2							
15	2	27241-300000	PLUG 30	6							
25	2	129001-02930	BEARING, MAIN	4							3
28	2	129150-02930	BEARING, THRUST	2							
31	1	129004-01190	SPACER	1							
32	1	129150-01200	BOLT, HEAD	14							
33	1	129002-01331	GASKET, HEAD	1							
34	1	129150-02870	BEARING, 0.25 US	4							1
37	1	129150-02940	BEARING, THRUST 0.25	1							2

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Fig.2. GEAR HOUSING

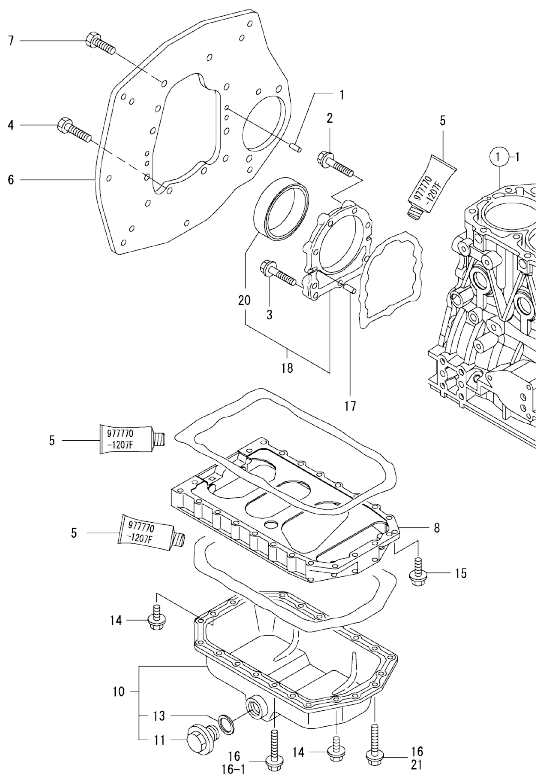


Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719802-01500	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	121023-01550	COVER	1							
8	1	24341-000240	O-RING, 1AS24.0	1							
9	1	26106-060162	BOLT, M6X 16 PLATED	2							
10	1	119802-32100	COVER ASSY	1							
11	2	119802-32070	COVER	1							
12	2	129900-32130	VALVE, RELIEF	1							
13	2	129418-32320	SPRING	1							
14	2	129001-32330	PLUG	1							
15	1	129006-01520	FLANGE, GEAR CASE	1							
16	1	977770-1207F	GASKET, LIQUID	1							1
17	1	119802-01560	STUD, M8X25	3							
18	1	124160-01751	COVER, FILLER	1							
19	1	124240-01871	COVER	1							
20	1	129795-01950	PIPE, KNOCK L=18	2							
21	1	119609-32040	O-RING, P16	4							
22	1	119802-32111	ROTOR, INNER	1							
23	1	119802-32120	ROTOR, OUTER	1							
24	1	119802-32130	SCREW, M6X16	7							
25	1	121850-51960	O-RING	1							
26	1	129001-91841	BOLT, M8X85	3							
27	1	24311-000320	O-RING, 1AP32.0	1							
28	1	26106-080162	BOLT, M8X 16 PLATED	4							
29	1	26106-080162	BOLT, M8X 16 PLATED	3							
30	1	26106-080552	BOLT, M8X 55 PLATED	12							
31	1	26306-080002	NUT, M8	3							
32	1	129122-44480	JOINT	1							

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.3. MOUNTING FLANGE & OIL SUMP

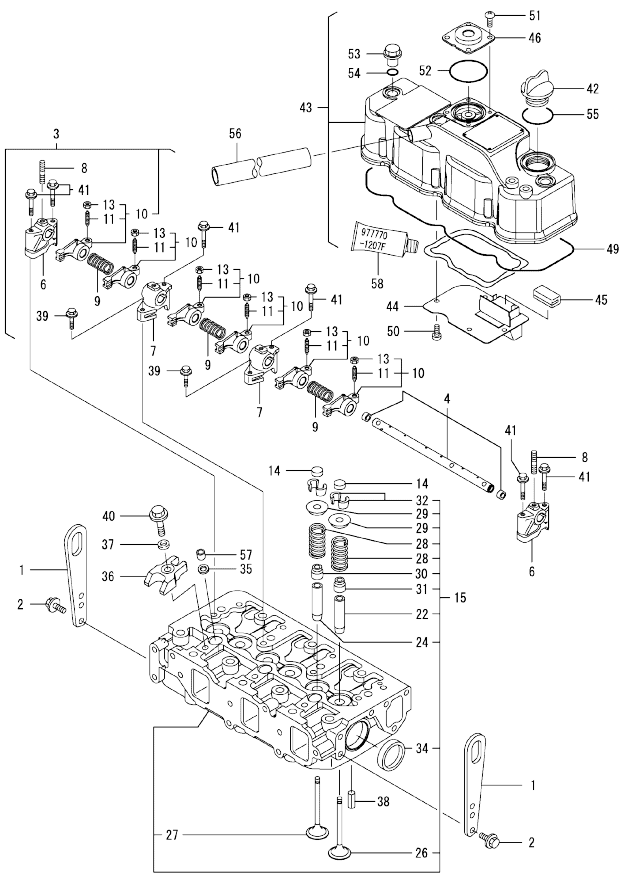


Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2							
2	1	129486-01670	BOLT, M8X30	6							
3	1	26106-080352	BOLT, M8X 35 PLATED	3							
4	1	26206-100252	BOLT, M10X 25 PLATED	4							
5	1	977770-1207F	GASKET,LIQUID	1							1
6	1	129176-01601	FLANGE, MOUNTING	1							
7	1	26206-100202	BOLT, M10X 20 PLATED	6							
8	1	129100-01730	SPACER, OIL SUMP	1							
10	1	129175-01770	SUMP ASSY, OIL	1							
11	2	119640-01640	PLUG, DRAIN M22	1							
13	2	22190-220002	WASHER, SEAL 22	1							
14	1	26106-080162	BOLT, M8X 16 PLATED	4							
15	1	26106-080252	BOLT, M8X 25 PLATED	2							
16	1	26106-080452	BOLT, M8X 45 PLATED	20							
16-1	1	26106-080452	BOLT, M8X 45 PLATED	16							K
(A=FROM 1ST)											
17	1	129100-01580	PIN, M8X16	2							
18	1	129100-01640	CASE ASSY, OIL SEAL	1							
20	2	129795-01780	SEAL, OIL	1							
21	1	26106-080502	BOLT, M8X 50 PLATED	4							W
(A=FROM 1ST)											

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Fig.4. CYLINDER HEAD & BONNET



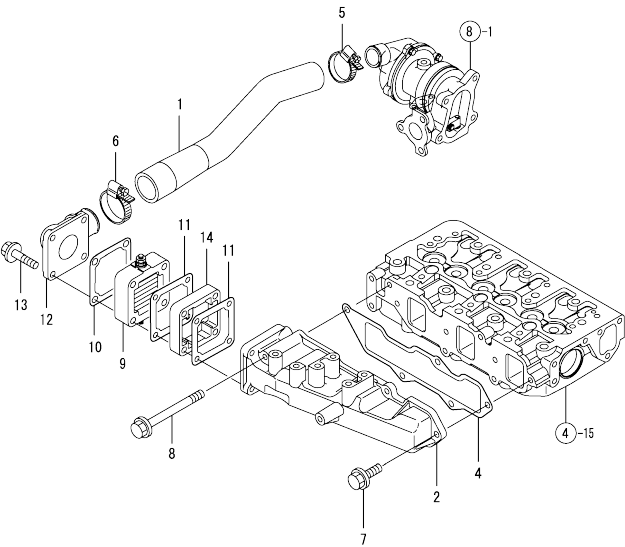
Remarks
(1) REPAIR PART.
(2) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129900-07900	LIFTER	2							
2	1	26106-080162	BOLT, M8X 16 PLATED	4							
3	1	129004-11241	SHAFT ASSY, ROCKER	1							
4	2	129004-11251	SHAFT, ROCKER ARM	1							
6	2	119802-11260	SUPPORT, ROCKER ARM	2							
7	2	119802-11270	SUPPORT, ROCKER ARM	2							
8	2	119802-11280	STUD	3							
9	2	129150-11280	SPRING	3							
10	2	129004-11650	ARM, ROCKER	6							
11	3	129150-11230	SCREW, VALVE ADJUST	6							
13	3	129150-11750	NUT, M8	6							
14	1	129150-11370	CAP, VALVE	6							
15	1	129006-11700	HEAD ASSY, CYLINDER	1							
22	2	120130-11860	GUIDE, VALVE	3							1
24	2	129150-11810	GUIDE, VALVE	3							1
26	2	129004-11101	VALVE, INTAKE	3							
27	2	129100-11130	VALVE, EXHAUST	3							
28	2	129795-11120	SPRING, VALVE	6							
29	2	129795-11180	RETAINER, SPRING	6							
30	2	121400-11340	SEAL, VALVE STEM	3							
31	2	124460-11340	SEAL, VALVE STEM	3							
32	2	27310-080001	COTTER, 8	6							
34	2	27241-400000	PLUG, 40	2							
35	1	119625-11880	SEAT, NOZZLE	3							
36	1	129004-11900	RETAINER, NOZZLE	3							
37	1	120270-54410	WASHER, INJECTOR	3							
38	1	22351-060012	PIN, SPRING 6.0X12	2							
39	1	26106-080252	BOLT, M8X 25 PLATED	2							
40	1	26106-080352	BOLT, M8X 35 PLATED	3							
41	1	26106-080502	BOLT, M8X 50 PLATED	6							
42	1	124160-01751	COVER, FILLER	1							
43	1	129006-11350	BONNET ASSY, HEAD	1							
44	2	129004-03010	PLATE	1							
45	2	129150-03070	BAFFLE, BREATHER	1							
46	2	129006-03120	COVER, DIAPHRAGM	1							
49	2	129004-11310	GASKET, BONNET	1							
50	2	22857-500100	SCREW, 5X10	4							
51	2	22857-500100	SCREW, 5X10	4							
52	2	24341-000400	O-RING, 1AS40.0	1							
53	1	124160-11360	KNOB	3							
54	1	24311-000120	O-RING, 1AP12.0	3							
55	1	24311-000320	O-RING, 1AP32.0	1							
56	1	129150-03090	HOSE, ID16X2T	1							
57	1	119802-11870	PROTECTOR, NOZZLE	3							
58	1	977770-1207F	GASKET, LIQUID	1							2

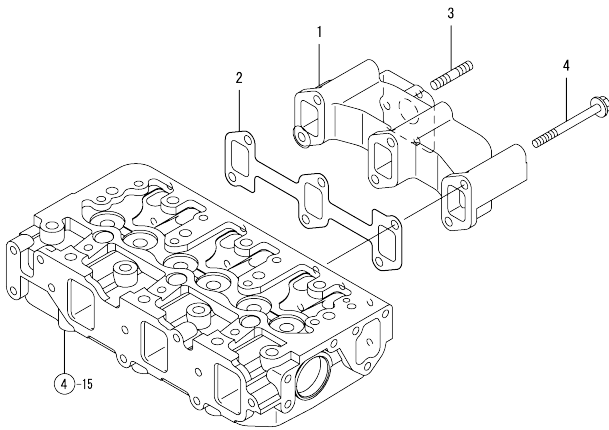
N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.5. SUCTION MANIFOLD



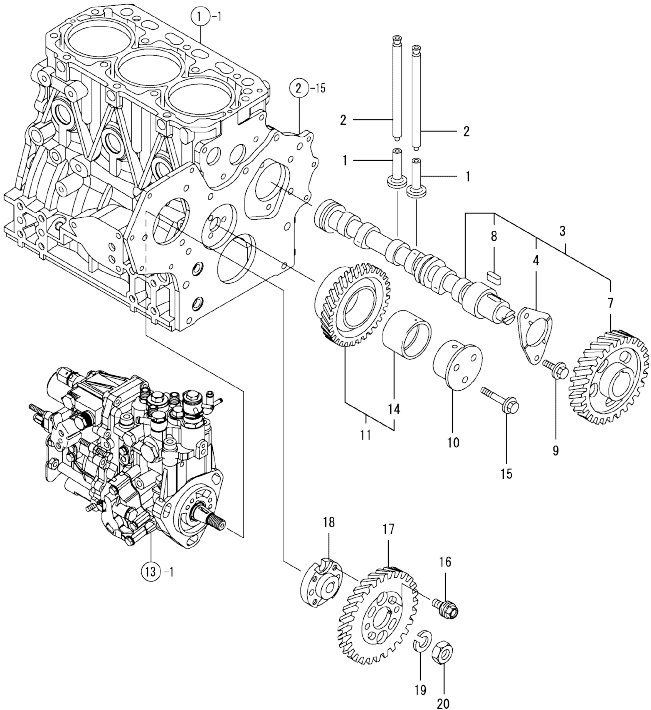
No.	Lev.	Parts No.	Description	(A)=3TNV84T-GKL (B)= (C)= (D)= (E)= (F)= Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129649-12080	PIPE, AIR INTAKE	1							
2	1	129006-12100	MANIFOLD, AIR INTAKE	1							
4	1	129001-12110	GASKET, MANIFOLD	1							
5	1	23000-041000	CLAMP, 41	1							
6	1	23000-060000	CLAMP, 60	1							
7	1	26106-080202	BOLT, M8X 20 PLATED	4							
8	1	26106-080802	BOLT, M8X 80 PLATED	1							
9	1	129100-77500	HEATER, AIR 12V	1							
10	1	129100-77510	GASKET, AIR HEATER	1							
11	1	129150-77511	GASKET	2							
12	1	129044-77520	BEND, AIR HEATER	1							
13	1	26106-080602	BOLT, M8X 60 PLATED	4							
14	1	129170-12580	SPACER	1							



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129046-13100	MANIFOLD, EXHAUST	1							
2	1	129150-13110	GASKET	1							
3	1	119131-18320	STUD, M8X22	3							
4	1	123900-13630	BOLT, M8X80	6							

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Fig.7. CAMSHAFT & DRIVING GEAR

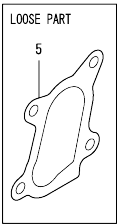


Remarks
(1) REPAIR PART.

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	129004-14580	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	26106-080142	BOLT, M8X 14 PLATED	2							
10	1	119802-25051	SHAFT, IDLE	1							
11	1	119802-25100	GEAR ASSY, IDLE	1							
14	2	119802-25070	BUSH, IDLE GEAR	1							1
15	1	26106-080402	BOLT, M8X 40 PLATED	3							
16	1	129150-25301	BOLT	4							
17	1	119802-25901	GEAR, PUMP	1							
18	1	158552-51151	FLANGE	1							
19	1	22217-140000	WASHER, SPRING 14	1							
20	1	26776-140002	NUT, LOCK M14	1							

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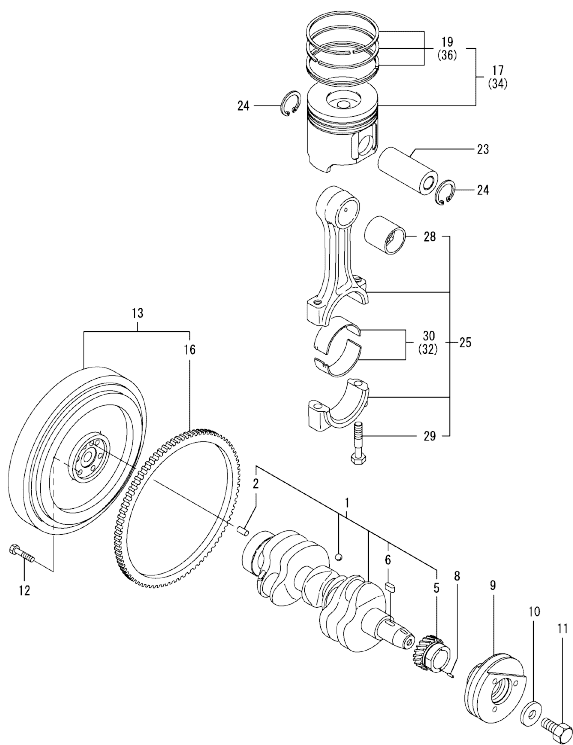
Fig.8. TURBINE

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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



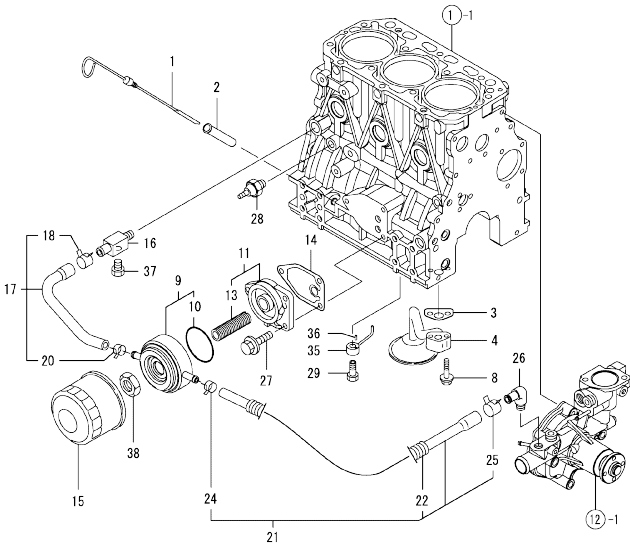
Remarks
(1) REPAIR PART.
(2) UNDER-SIZE(U.S=0.25)PART.
(3) OVER-SIZE(O.S=0.25)PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-21002	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
5	2	119802-21202	GEAR, CRANKSHAFT	1							
6	2	22512-070140	KEY, 7X 14	1							
8	1	22351-030010	PIN, SPRING 3.0X10	1							
9	1	129005-21650	V-PULLEY, 120	1							
10	1	129795-21661	WASHER	1							
11	1	121850-21680	BOLT	1							
12	1	121111-21501	BOLT, FLYWHEEL	6							
13	1	129189-21570	FLYWHEEL ASSY	1							
16	2	124550-21600	GEAR, RING	1							
17	1	129007-22080	PISTON ASSY	3							
19	2	129007-22500	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	129100-23910	BEARING, PISTON PIN	3							1
29	2	121550-23200	BOLT, CONNECTING ROD	6							
30	2	129150-23600	BEARING, CRANK PIN	3							
32	1	129150-23610	BEARING, 0.25 US	3							2
34	1	129007-22900	PISTON ASSY, 0.25 OS	3							3
36	2	129007-22950	RING SET, 0.25 OS	3							3

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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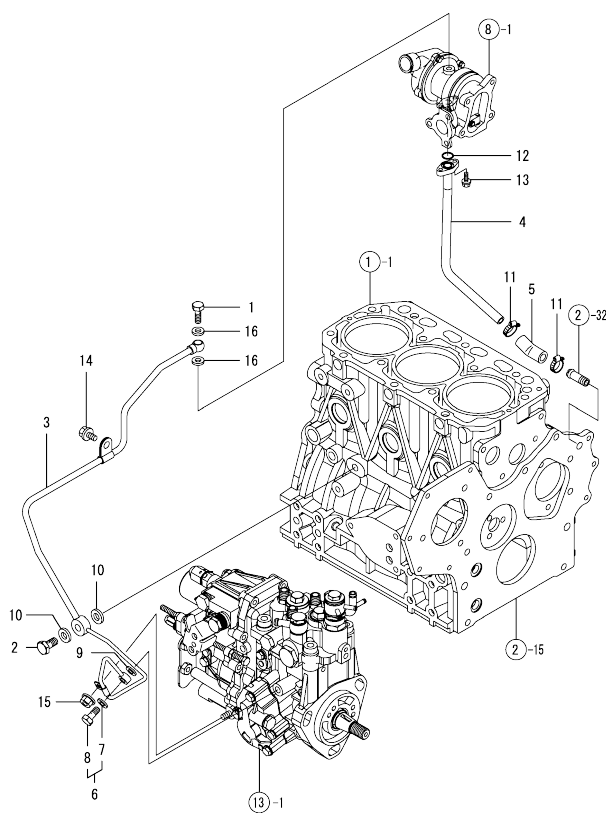
Fig.10. LUB.OIL SYSTEM



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129005-34802	DIPSTICK, OIL	1							
2	1	121520-34810	GUIDE, DIPSTICK	1							
3	1	129150-35042	GASKET	1							
4	1	129150-35091	PIPE ASSY, OIL INLET	1							
8	1	26106-080352	BOLT, M8X 35 PLATED	2							
9	1	129508-33010	COOLER ASSY, OIL	1							
10	2	129508-33050	O-RING	1							
11	1	129006-35100	BRACKET ASSY, FILTER	1							
13	2	129417-35150	STUD, L=67	1							
14	1	129150-35111	GASKET	1							
15	1	129150-35153	FILTER 80X80L	1							1
16	1	129006-44480	JOINT	1							
17	1	129508-49030	PIPE ASSY, WATER	1							
18	2	171008-03990	CLIP, HOSE 18.5	1							
20	2	23080-015000	CLAMP, 15	1							
21	1	129006-49040	PIPE ASSY, WATER	1							
22	2	129642-49180	TUBE, CORRUGATED	1							
24	2	23080-015000	CLAMP, 15	1							
25	2	23080-018000	CLAMP, 18	1							
26	1	129103-49301	ELBOW, PT1/4	1							
27	1	26106-080202	BOLT, M8X 20 PLATED	3							
28	1	114250-39450	SWITCH, 0.5KG	1							
29	1	129792-39410	VALVE ASSY, CHECK	3							
35	1	129553-39650	NOZZLE	3							
36	1	22351-030010	PIN, SPRING 3.0X10	3							
37	1	171056-49120	PLUG, DRAIN	1							
38	1	129417-33110	NUT	1							

Remarks
(1) REPAIR PART.

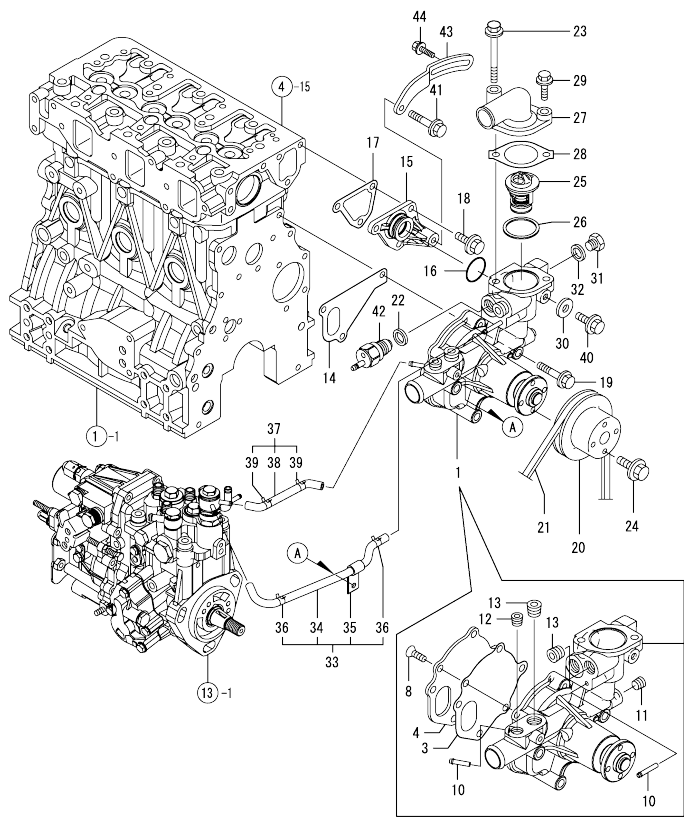
N:Old $\frac{NBS}{100}$ New, Q:Old $\frac{HQ}{100}$ New, R:Old $\frac{RBS}{100}$ New, S:Old $\frac{HS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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				(A)=3TNV84T-GKL (B)= (C)=					(D)= (E)= (F)=				
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty (D)	(E)	(F)	I	R		
1	1	105010-39140	BOLT, PIPE JOINT	1									
2	1	124160-39140	BOLT, PIPE JOINT M10	1									
3	1	129044-39400	PIPE ASSY, OIL	1									
4	1	129046-39600	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	23000-022000	CLAMP, 22	2									
12	1	24316-000160	O-RING, 4DP16.0	1									
13	1	26106-060162	BOLT, M6X 16 PLATED	2									
14	1	26106-080122	BOLT, M8X 12 PLATED	1									
15	1	26366-060002	NUT, M6	1									
16	1	23414-080000	GASKET, 8X1.0	2									

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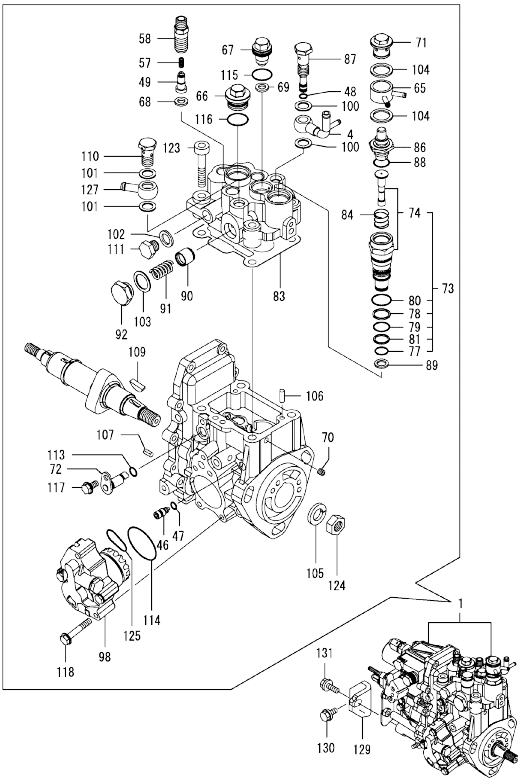
Fig.12. COOLING WATER SYSTEM



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							
8	2	121850-42410	SCREW	3							
10	2	119802-49113	JOINT, PIPE	2							
11	2	23876-010000	PLUG, R01	1							
12	2	23876-020000	PLUG, R02	1							
13	2	129916-49740	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	129403-42380	V-PULLEY, D=110	1							
21	1	25132-003900	V-BELT, A39	1							
22	1	124465-44950	GASKET, 16	1							
23	1	26106-080652	BOLT, M8X 65 PLATED	1							
24	1	26106-060122	BOLT, M6X 12 PLATED	4							
25	1	129457-49801	THERMOSTAT, 82	1							
26	1	129150-49811	GASKET, THERMOSTAT	1							
27	1	124101-49531	COVER, THERMOSTAT	1							
28	1	129795-49551	GASKET	1							
29	1	26106-080252	BOLT, M8X 25 PLATED	1							
30	1	23414-080000	GASKET, 8X1.0	1							
31	1	121450-42450	PLUG, M16	1							
32	1	124465-44950	GASKET, 16	1							
33	1	129004-49610	PIPE ASSY, WATER	1							
34	2	129004-49711	PIPE ASSY, WATER	1							
35	2	119802-49730	RETAINER, PIPE	1							
36	2	124722-59050	CLIP, HOSE 9	2							
37	1	129004-49620	PIPE ASSY, WATER	1							
38	2	129004-49721	PIPE ASSY, WATER	1							
39	2	124722-59050	CLIP, HOSE 9	2							
40	1	26106-080122	BOLT, M8X 12 PLATED	1							
41	1	26106-080452	BOLT, M8X 45 PLATED	1							
42	1	121250-44901	SWITCH, 110	1							
43	1	119802-77320	ADJUSTER	1							
44	1	119810-77340	BOLT, ADJUSTER	1							

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Fig.13. FUEL INJECTION PUMP

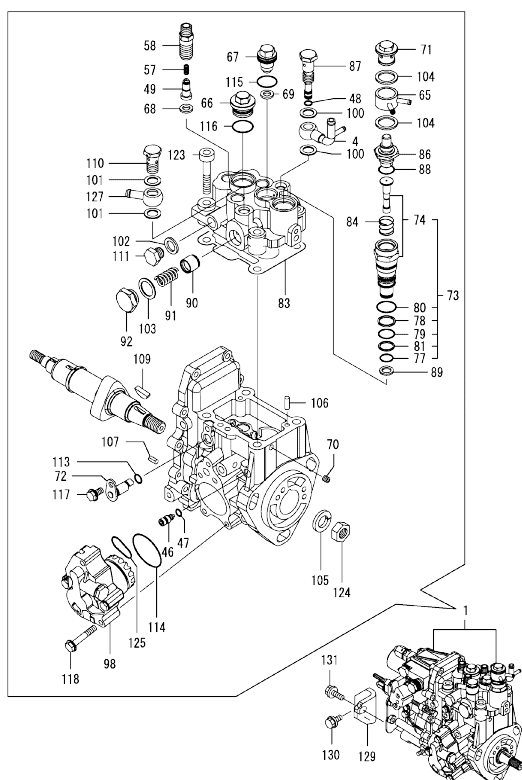


Remarks
(1) GOVERNOR ASSY(FIG.14) IS
INCORPORATED IN THIS FOP.CMP
(REF.NO.1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729046-51390	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	3							
57	2	158563-51330	SPRING, DELIVERY	3							
58	2	158601-51340	HOLDER, DELIVERY	3							
65	2	158553-51551	JOINT	1							
66	2	158601-51550	PLUG	1							
67	2	119802-51560	PLUG, BARREL	1							
68	2	158552-51570	GASKET	3							
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							
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							
123	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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Fig.13. FUEL INJECTION PUMP



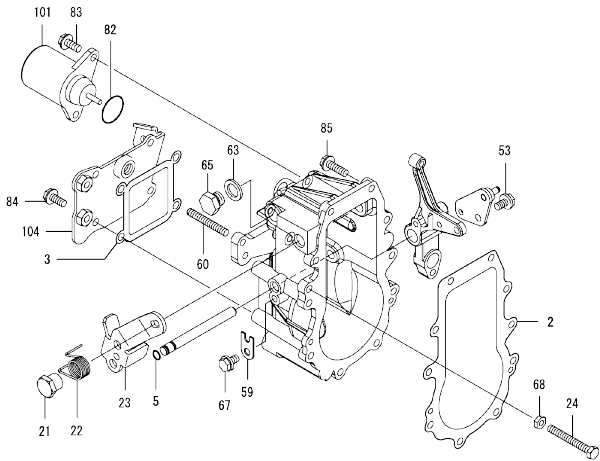
Remarks
(1) GOVERNOR ASSY(FIG.14) IS
INCORPORATED IN THIS FOP.CMP
(REF.NO.1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
124	2	26776-140002	NUT, LOCK M14	1							
125	2	158552-52310	O-RING	1							
127	2	129916-59020	JOINT, PIPE 12	1							
129	1	119802-51250	RETAINER, PUMP	1							
130	1	26106-080162	BOLT, M8X 16 PLATED	1							
131	1	26106-080202	BOLT, M8X 20 PLATED	1							

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:Qty Change

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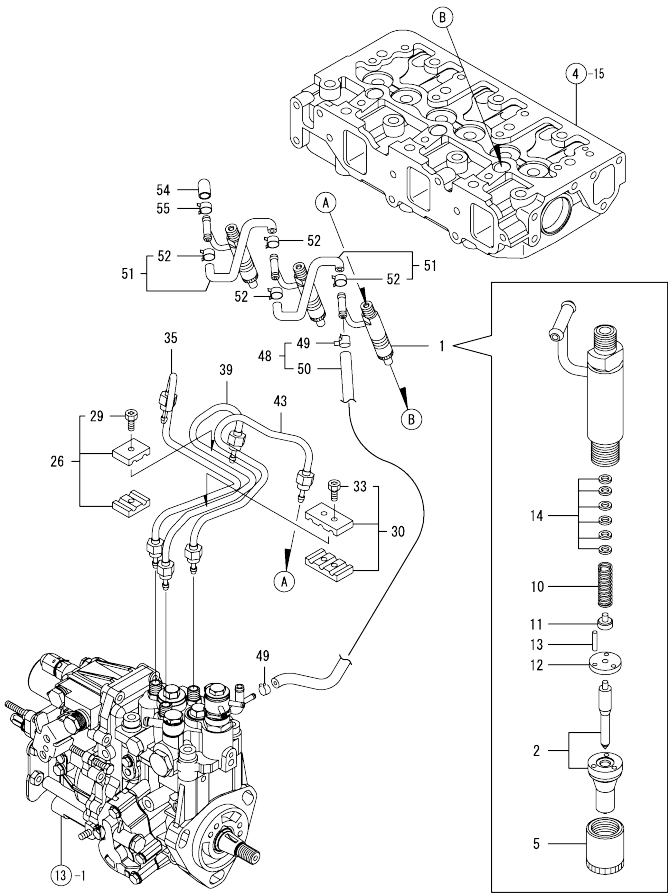
Fig.14. GOVERNOR



Remarks
* THIS FIGURE(GOVERNOR ASSY)IS
INCORPORATED IN THE FUEL INJECTION
PUMP ASSY(FIG.13).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	158553-61050	GASKET	1							
3	2	158553-61070	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	129246-61441	LEVER, REGULATOR	1							
24	2	129155-61460	BOLT, IDLE	1							
53	2	26106-060102	BOLT, M6X 10 PLATED	1							
59	2	119660-61901	RETAINER, SHAFT	1							
60	2	171002-66830	SCREW	1							
63	2	22190-120000	WASHER, SEAL 12	1							
65	2	23887-120002	PLUG, 12	1							
67	2	26106-060102	BOLT, M6X 10 PLATED	1							
68	2	26756-060002	NUT, LOCK M6	1							
82	2	24341-000280	O-RING, 1AS28.0	1							
82-1	2	158552-61900	O-RING	1							N
(A=EXXXXX)											
83	2	26106-060142	BOLT, M6X 14 PLATED	2							
84	2	26106-060142	BOLT, M6X 14 PLATED	4							
85	2	26106-060202	BOLT, M6X 20 PLATED	10							
101	2	119653-77950	SOLENOID, STOP	1							
104	2	129246-61061	COVER, GOVERNOR CASE	1							

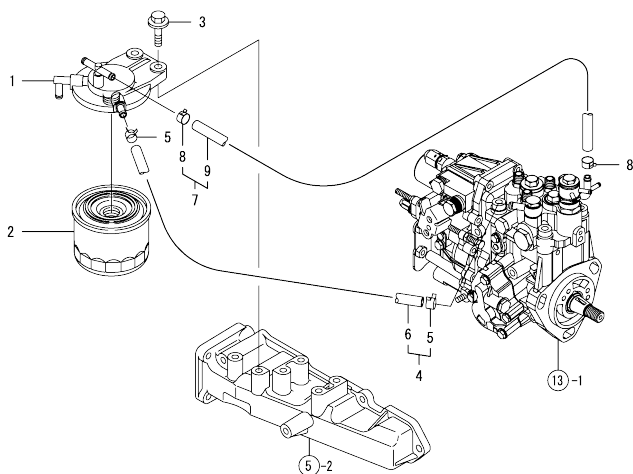
Fig.15. FUEL INJECTION VALVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729046-53100	VALVE ASSY,INJECTION	3							
2	2	129046-53000	VALVE ASSY,INJECTION	3							
5	2	114250-53080	NUT, NOZZLE D16.95	3							
10	2	114250-53120	SPRING, NOZZLE	3							
11	2	114250-53130	SEAT, SPRING	3							
12	2	114250-53140	PLATE	3							
13	2	114250-53210	PIN	6							
14	2	114250-53400	SHIM SET	3							
26	1	119305-59120	RETAINER, PIPE	1							
29	2	129150-59131	BOLT, M4X14	1							
30	1	129150-59120	RETAINER, PIPE	1							
33	2	129150-59131	BOLT, M4X14	2							
35	1	129004-59810	PIPE ASSY, INJECTION	1							
39	1	129004-59820	PIPE ASSY, INJECTION	1							
43	1	129004-59830	PIPE ASSY, INJECTION	1							
48	1	119802-59550	PIPE ASSY, RETURN	1							
49	2	124722-59050	CLIP, HOSE 9	2							
50	2	119802-59560	PIPE, FUEL RETURN	1							
51	1	129486-59551	PIPE ASSY, RETURN	2							
52	2	124722-59050	CLIP, HOSE 9	4							
54	1	119593-59580	CAP	1							
55	1	124060-77680	CLIP, HOSE 10	1							

N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.16. FUEL LINE



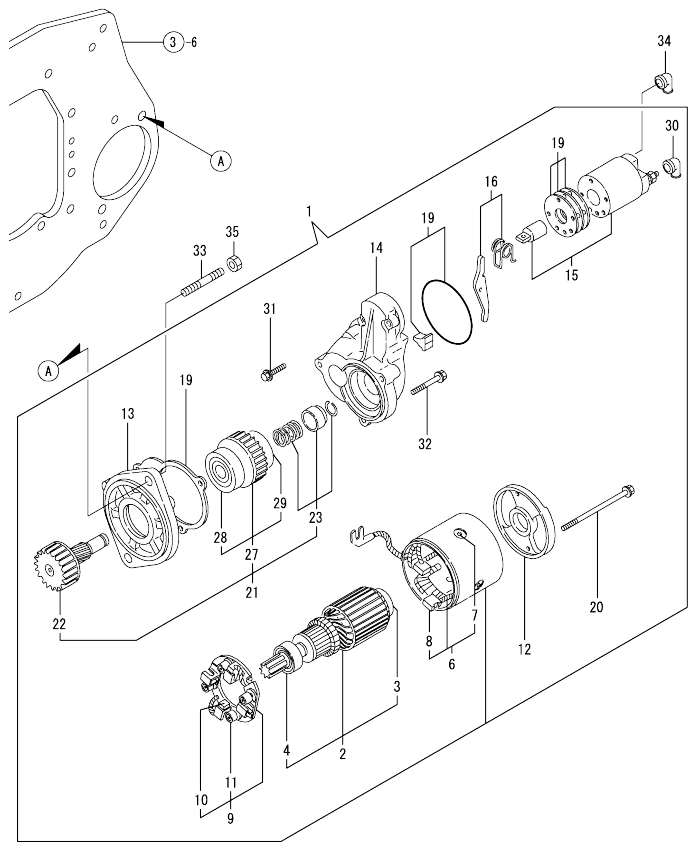
				(A)=3TNV84T-GKL	(D)=					I	R
				(B)=	(E)=						
				(C)=	(F)=						
No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty			(E)	(F)	
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-55611	BRACKET, FILTER	1							
2	1	119802-55800	FILTER, FUEL	1							
3	1	26106-080302	BOLT, M8X 30 PLATED	2							
4	1	129210-59100	PIPE ASSY, FUEL	1							
5	2	124766-59050	CLIP, HOSE 12	2							
6	2	105025-59580	PIPE, FUEL	1							
7	1	129210-59230	PIPE ASSY, FUEL	1							
8	2	124766-59050	CLIP, HOSE 12	2							
9	2	129555-59511	PIPE, FUEL	1							

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

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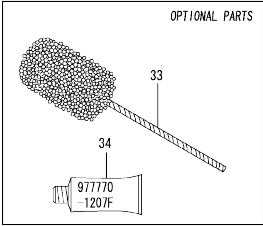
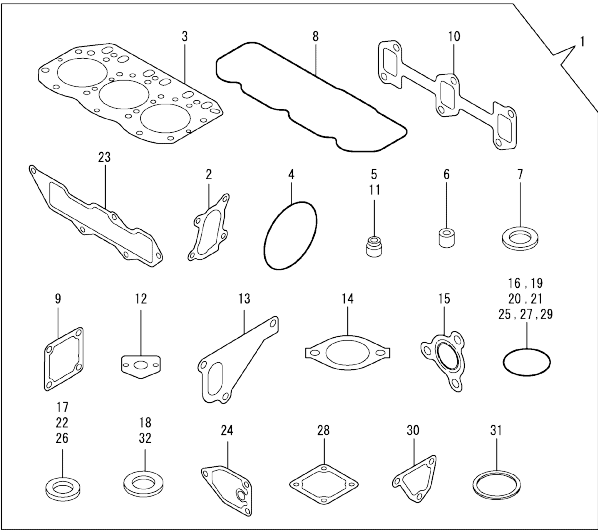
Fig.17. STARTING MOTOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171008-77010	STARTER, S114-483	1							
2	2	171008-77400	ARMATURE ASSY	1							
3	3	X2130350900	BALL BEARING	1							
4	3	X2114255110	BEARING, BALL	1							
6	2	171008-77440	COIL ASSY, FIELD	1							
7	3	171008-77450	SCREW	4							
8	3	171008-77460	BRUSH (+)	2							
9	2	171008-77470	HOLDER ASSY, BRUSH	1							
10	3	171008-77480	BRUSH (-)	2							
11	3	171008-77490	SPRING, BRUSH	4							
12	2	171008-77500	COVER, REAR	1							
13	2	171008-77510	HOUSING ASSY, GEAR	1							
14	2	171008-77520	HOUSING, CENTER	1							
15	2	171008-77531	MAGNETIC SWITCH ASSY	1							
16	2	171008-77540	LEVER SET, SHIFT	1							
19	2	171008-77571	COVER KIT, DUST	1							
20	2	171008-77640	BOLT, THROUGH	2							
21	2	171008-77650	PINION ASSY	1							
22	3	171008-77660	SHAFT, PINION	1							
23	3	171008-77670	STOPPER SET, PINION	1							
27	3	X2114555500	CLUTCH ASSY	1							
28	4	X2114955020	BALL BEARING	1							
29	4	X2240410100	BEARING, BALL	1							
30	2	171008-77750	COVER, M TERMINAL	1							
31	2	26106-060322	BOLT, M6X 32 PLATED	2							
32	2	26106-060402	BOLT, M6X 40 PLATED	3							
33	1	124450-01610	STUD	2							
34	1	124550-77030	COVER, TERMINAL	1							
35	1	26716-120002	NUT, M12	2							

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Fig.18. GASKET SET



Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729246-92850	GASKET SET	1							1
2	2	129403-18091	GASKET	1							
3	2	129002-01331	GASKET, HEAD	1							
4	2	121850-51960	O-RING	1							
5	2	124460-11340	SEAL, VALVE STEM	3							
6	2	119802-11870	PROTECTOR, NOZZLE	3							
7	2	119625-11880	SEAT, NOZZLE	3							
8	2	129004-11310	GASKET, BONNET	1							
9	2	129100-77510	GASKET, AIR HEATER	1							
10	2	129150-13110	GASKET	1							
11	2	121400-11340	SEAL, VALVE STEM	3							
12	2	129150-35042	GASKET	1							
13	2	129486-42021	GASKET, WATER PUMP	1							
14	2	129795-49551	GASKET	1							
15	2	129477-18101	GASKET	1							
16	2	24316-000160	O-RING, 4DP16.0	1							
17	2	22190-080002	WASHER, SEAL 6	2							
18	2	23414-080000	GASKET, 8X1.0	3							
19	2	24311-000120	O-RING, 1AP12.0	3							
20	2	24311-000320	O-RING, 1AP32.0	2							
21	2	24341-000240	O-RING, 1AS24.0	1							
22	2	22190-220002	WASHER, SEAL 22	1							
23	2	129001-12110	GASKET, MANIFOLD	1							
24	2	129150-35111	GASKET	1							
25	2	119609-32040	O-RING, P16	4							
26	2	22190-100002	WASHER, SEAL 10	2							
27	2	24341-000400	O-RING, 1AS40.0	1							
28	2	129150-77511	GASKET	2							
29	2	129486-42140	O-RING, G30	1							
30	2	124395-49840	GASKET	1							
31	2	129150-49811	GASKET, THERMOSTAT	1							
32	2	124465-44950	GASKET, 16	2							
33	1	129400-92420	FLEX HORN	1							1
34	1	977770-1207F	GASKET, LIQUID	1							1

N:Old $\frac{NBS}{100}$ New, Q:Old $\frac{HQ}{100}$ New, R:Old $\frac{RBS}{100}$ New, S:Old $\frac{HS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Parts No. Index

Parts No.	Fig. No.	Ref. No.
105010-39140	11	1
105025-59580	16	6
114250-39450	10	28
114250-53080	15	5
114250-53120	15	10
114250-53130	15	11
114250-53140	15	12
114250-53210	15	13
114250-53400	15	14
119131-18320	6	3
119305-59120	15	26
119593-59580	15	54
119609-32040	2	21
	18	25
119625-11880	4	35
	18	7
119640-01640	3	11
119653-77950	14	101
119660-61901	14	59
119802-01560	2	17
119802-11260	4	6
119802-11270	4	7
119802-11280	4	8
119802-11870	4	57
	18	6
119802-21202	9	5
119802-25051	7	10
119802-25070	7	14
119802-25100	7	11
119802-25901	7	17
119802-32070	2	11
119802-32100	2	10
119802-32111	2	22
119802-32120	2	23
119802-32130	2	24
119802-49113	12	10
119802-49730	12	35
119802-51090	13	109
119802-51250	13	129
119802-51560	13	67
119802-51590	13	73
119802-51600	13	74
119802-51680	13	78
119802-51690	13	79
119802-55800	16	2
119802-59550	15	48
119802-59560	15	50
119802-77320	12	43
119807-61420	14	22
119810-77340	12	44

Parts No.	Fig. No.	Ref. No.
120130-11860	4	22
120270-54410	4	37
121023-01550	2	7
121111-21501	9	12
121250-44901	12	42
121400-11340	4	30
	18	11
121450-42450	12	31
121520-34810	10	2
121550-23200	9	29
121850-21680	9	11
121850-42410	12	8
121850-51960	2	25
	18	4
123900-13630	6	4
124060-01050	1	5
124060-77680	15	55
124101-49531	12	27
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124450-01610	17	33
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124766-59050	16	5
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129001-12110	5	4
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129006-11700	4	15
129006-12100	5	2
129006-35100	10	11
129006-44480	10	16
129006-49040	10	21
129007-22080	9	17
129007-22500	9	19
129007-22900	9	34
129007-22950	9	36
129044-39400	11	3
129044-77520	5	12
129046-13100	6	1
129046-18010	8	1
129046-39600	11	4
129046-53000	15	2
129100-01580	3	1
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	9	2
129100-01640	3	18
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129150-02020	1	10
129150-02450	7	4
129150-02870	1	34
129150-02930	1	28
129150-02940	1	37
129150-03070	4	45
129150-03090	4	56
129150-11230	4	11
129150-11280	4	9
129150-11370	4	14
129150-11750	4	13
129150-11810	4	24
129150-13110	6	2
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129150-14101	7	7
129150-14200	7	1
129150-14400	7	2
129150-23600	9	30
129150-23610	9	32
129150-25301	7	16
129150-35042	10	3
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129150-35091	10	4
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129150-35153	10	15
129150-49811	12	26
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129150-59120	15	30
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129150-77511	5	11
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129170-12580	5	14
129175-01770	3	10
129176-01601	3	6
129189-21570	9	13
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129403-42380	12	20
129417-33110	10	38
129417-35150	10	13
129418-18320	8	4
129418-32320	2	13
129457-49801	12	25
129477-18101	8	2
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129486-42021	12	14
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129486-42140	12	16
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129486-59551	15	51
129508-33010	10	9
129508-33050	10	10
129508-49030	10	17
129553-39650	10	35
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129642-49180	10	22
129649-12080	5	1
129792-39410	10	29
129795-01780	3	20
129795-01800	2	6
129795-01950	2	20
129795-02411	1	13
129795-11120	4	28
129795-11180	4	29
129795-21661	9	10
129795-49551	12	28
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129900-07900	4	1
129900-32130	2	12
129916-49740	12	13
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27241-300000	1	15
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719802-01500	2	1
729006-01560	1	1
729046-51390	13	1
729046-53100	15	1
729246-92850	18	1
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