

0CV10-M85700EN

PREFACE

1.This Parts Catalog carries all parts incorporated in YANMAR Model 2TNE68C-ETR engine manufactured since July,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.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	(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 COMPEMSATOR 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 No	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\xrightarrow{\text{No}}$ New Yes	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\xrightarrow{\text{Yes}}$ New Yes	New/ Old Parts are both interchangeable.
S	Old $\xrightarrow{\text{No}}$ New 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

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

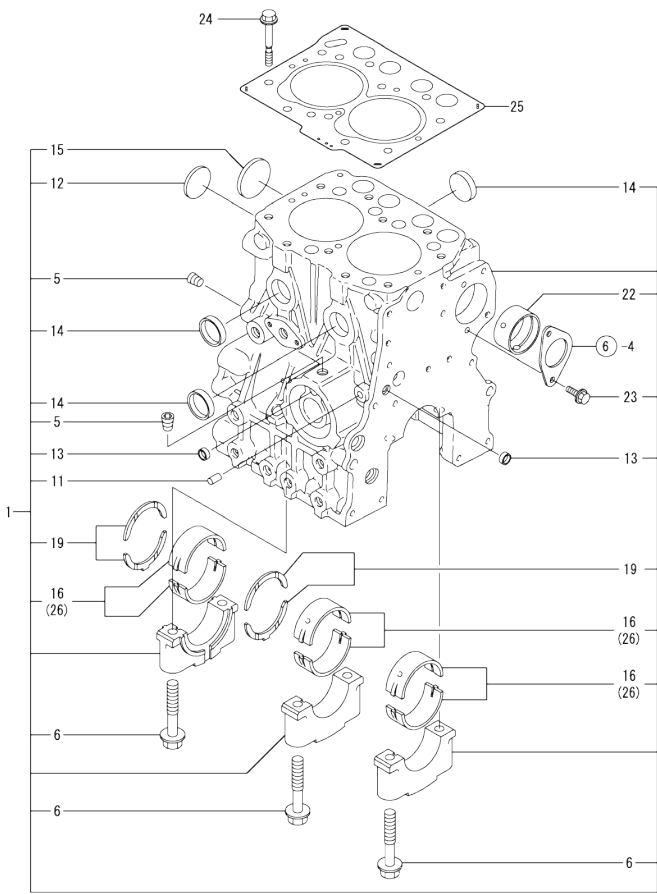
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

Contents

Fig. No.	Fig. Name	Fig. No.	Fig. Name
ENGINE (2TNE68C-ETR)			
1.	CYLINDER BLOCK		
2.	GEAR HOUSING		
3.	MOUNTING FLANGE & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	SUCTION & EXHAUST MANIFOLD		
6.	CAMSHAFT & DRIVING GEAR		
7.	CRANKSHAFT & PISTON		
8.	LUB.OIL SYSTEM		
9.	COOLING WATER SYSTEM		
10.	FUEL INJECTION PUMP		
11.	GOVERNOR		
12.	FUEL INJECTION VALVE		
13.	STARTING MOTOR		
14.	GASKET SET		

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Fig.1. CYLINDER BLOCK



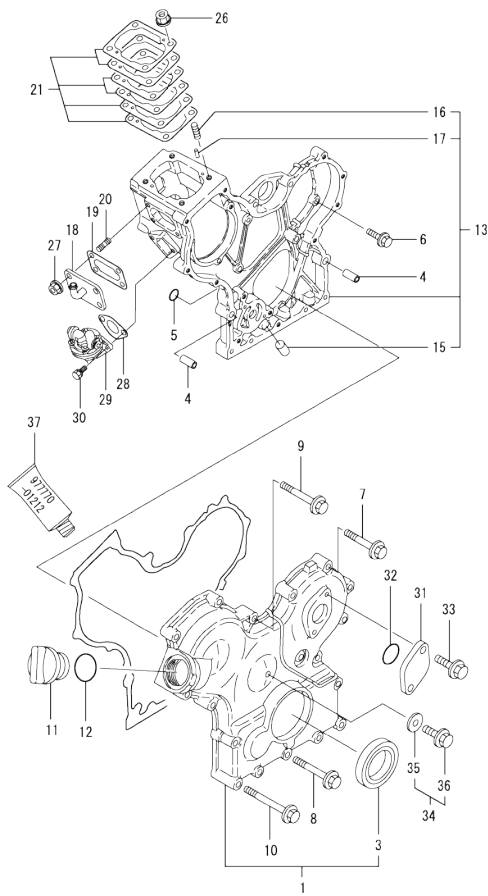
Remarks
(1) UNDER-SIZE(U.S=0.25)PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719325-01560	BLOCK ASSY, CYLINDER	1							
5	2	124060-01050	PLUG, PT1/8	2							
6	2	119260-02020	BOLT, METAL CAP	6							
11	2	27221-060100	PLUG, 6X10	1							
12	2	119265-01250	PLUG, 40	1							
13	2	27241-100000	PLUG, 10	2							
14	2	27241-250000	PLUG, 25	3							
15	2	27241-300000	PLUG 30	1							
16	2	119260-02800	BEARING, MAIN	3							
19	2	119260-02930	BEARING, THRUST	2							
22	2	119266-02410	BUSH	1							
23	2	26106-060122	BOLT, M6X 12 PLATED	2							
24	1	119266-01200	BOLT, HEAD	10							
25	1	119309-01330	GASKET, CYL. HEAD	1							
26	1	719260-02870	BEARING, 0.25 US	3							1

N:Old $\frac{YHS}{100}$ New, Q:Old $\frac{H10}{100}$ New, R:Old $\frac{YHS}{100}$ New, S:Old $\frac{H10}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.2. GEAR HOUSING



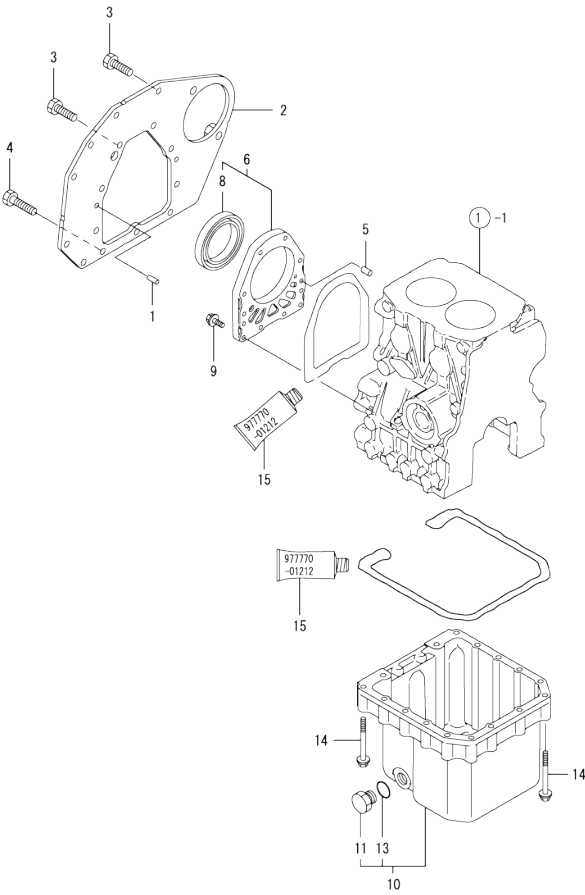
Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119209-01590	COVER ASSY,GEAR CASE	1							
3	2	119620-01800	SEAL, OIL	1							
4	1	119660-01911	PIPE, KNOCK	4							
5	1	24311-000120	O-RING, 1AP12.0	2							
6	1	26106-060162	BOLT, M6X 16 PLATED	5							
7	1	26106-060302	BOLT, M6X 30 PLATED	5							
8	1	26106-060402	BOLT, M6X 40 PLATED	3							
9	1	26106-060502	BOLT, M6X 50 PLATED	4							
10	1	26106-060652	BOLT, M6X 65 PLATED	6							
11	1	124160-01751	COVER, FILLER	1							
12	1	24311-000320	O-RING, 1AP32.0	1							
13	1	119385-01490	CASE ASSY, GEAR	1							
15	2	119260-01510	PLUG	1							
16	2	121450-01560	STUD, M8X22	4							
17	2	22351-040010	PIN, SPRING 4.0X10	2							
18	1	119309-01550	COVER ASSY	1							
19	1	119660-01562	GASKET	1							
20	1	119660-01570	STUD, M6X12	4							
21	1	119305-01950	SHIM SET, ADJUSTING	1							
26	1	194990-22050	NUT, M8	4							
27	1	26366-060002	NUT, M6	4							
28	1	121520-01851	GASKET	1							
29	1	119600-52021	PUMP ASSY, FUEL FEED	1							
30	1	26106-060162	BOLT, M6X 16 PLATED	2							
31	1	121023-01550	COVER	1							
32	1	24341-000240	O-RING, 1AS24.0	1							
33	1	26106-060162	BOLT, M6X 16 PLATED	2							
34	1	119209-01550	BOLT ASSY, M6X16	1							
35	2	22190-060003	SEAL WASER 6	1							
36	2	26106-060162	BOLT, M6X 16 PLATED	1							
37	1	977770-01212	GASKET, LIQUID	1							1

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.3. MOUNTING FLANGE & OIL SUMP

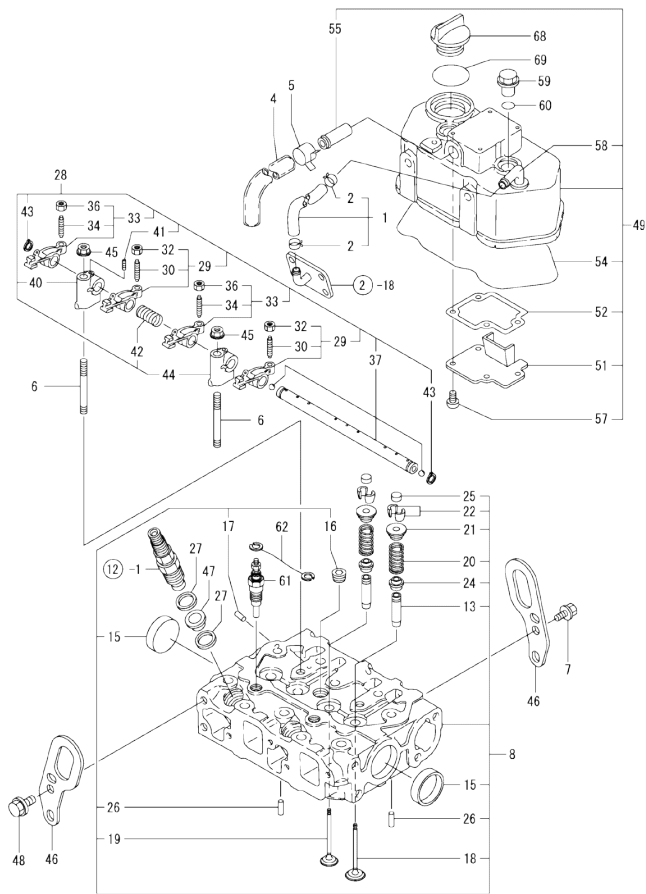


Remarks
(1) OPTIONAL PART.

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{RIS}{YES}$ New, R:Old $\frac{YES}{YES}$ New, S:Old $\frac{RIS}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Qty Change
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Fig.4. CYLINDER HEAD & BONNET

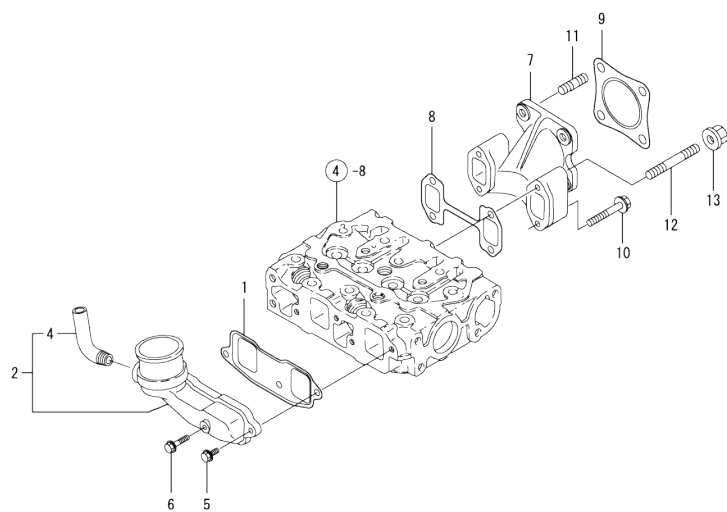


Remarks
(1) REPAIR PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119520-03090	PIPE ASSY	1							
2	2	119520-03990	CLIP, HOSE 10.5	2							
4	1	119285-03140	PIPE , BREATHER	1							
5	1	171008-03990	CLIP, HOSE 18.5	2							
6	1	119620-11350	STUD	2							
7	1	26106-080142	BOLT, M8X 14 PLATED	1							
8	1	719325-11700	HEAD ASSY, CYLINDER	1							
13	2	119260-11800	GUIDE, VALVE	4							1
15	2	27241-350000	PLUG, 35	2							
16	2	23876-020000	PLUG, R02	1							
17	2	27221-050080	PLUG, 5X 8	1							
18	2	119260-11100	VALVE, INTAKE	2							
19	2	119260-11110	VALVE, EXHAUST	2							
20	2	114250-11120	SPRING, VALVE	4							
21	2	114250-11180	RETAINER, SPRING	4							
22	2	27310-055001	COTTER, 5.5	4							
24	2	119260-11340	SEAL, VALVE STEM	4							
25	2	119260-11370	CAP, VALVE	4							
26	2	22351-060012	PIN, SPRING 6.0X12	2							
27	1	119600-11460	GASKET, NOZZLE	4							
28	1	119305-11200	SUPPORT ASSY, ARM	1							
29	2	719260-11650	ARM ASSY, ROCKER	2							
30	3	105010-11230	SCREW, VALVE ADJUST	2							
32	3	26856-060002	NUT, M6	2							
33	2	719260-11660	ARM ASSY, ROCKER	2							
34	3	105010-11230	SCREW, VALVE ADJUST	2							
36	3	26856-060002	NUT, M6	2							
37	2	119305-11240	SHAFT ASSY, ROCKER	1							
40	2	119260-11260	SUPPORT, ROCKER ARM	1							
41	2	119260-11270	SCREW	1							
42	2	119260-11280	SPRING	1							
43	2	22242-000100	RING, 10	2							
44	2	119265-11260	SUPPORT, ROCKER ARM	1							
45	1	26306-080002	NUT, M8	2							
46	1	119260-07900	LIFTER	2							
47	1	119600-11450	PROTECTOR, NOZZLE	2							
48	1	26106-080142	BOLT, M8X 14 PLATED	2							
49	1	119309-11331	BONNET ASSY, HEAD	1							
51	2	119305-03020	PLATE, SHELTER	1							
52	2	119305-03031	GASKET	1							
54	2	124097-11311	GASKET, BONNET	1							
55	2	124097-11390	JOINT	1							
57	2	22857-500100	SCREW, 5X10	4							
58	2	119309-03150	JOINT	1							
59	1	124160-11360	KNOB	2							
60	1	24311-000120	O-RING, 1AP12.0	2							
61	1	129795-77800	PLUG, GLOW	2							
62	1	119305-77820	CONNECTOR, GLOW PLUG	1							
68	1	124160-01751	COVER, FILLER	1							
69	1	24311-000320	O-RING, 1AP32.0	1							

N:Old $\frac{1195}{100}$ New, Q:Old $\frac{119}{100}$ New, R:Old $\frac{1195}{100}$ New, S:Old $\frac{119}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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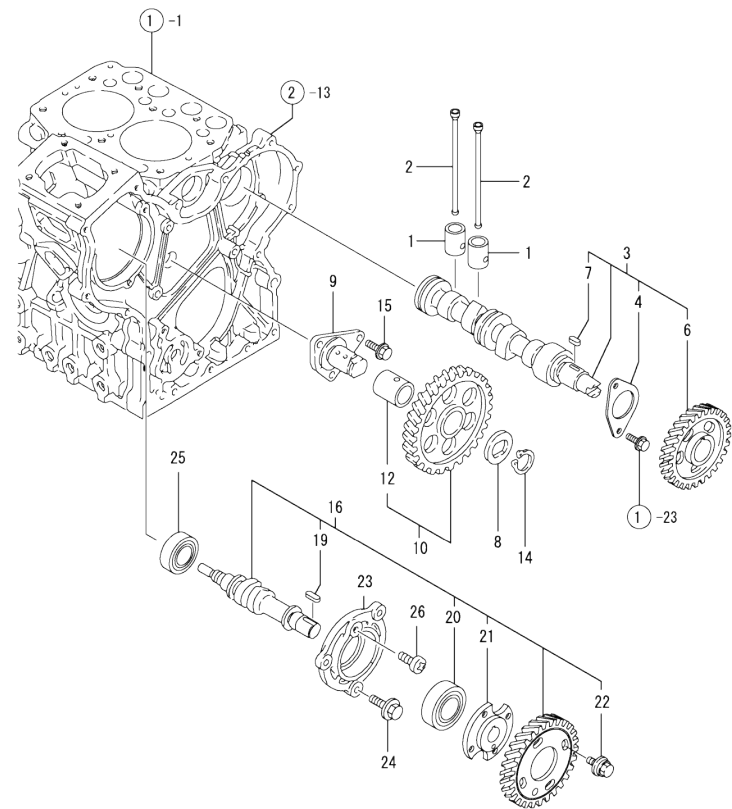
Fig.5. SUCTION & EXHAUST MANIFOLD



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119326-12111	GASKET, MANIFOLD	1							
2	1	119385-12730	MANIFOLD ASSY,INTAKE	1							
4	2	121500-12790	JOINT, PIPE PT 1/4	1							
5	1	26106-060162	BOLT, M6X 16 PLATED	2							
6	1	26106-060282	BOLT, M6X 28 PLATED	1							
7	1	119305-13100	MANIFOLD, EXHAUST	1							
8	1	119305-13110	GASKET	1							
9	1	121000-13201	GASKET, SILENCER	1							
10	1	119265-13840	BOLT, M6X40	2							
11	1	119131-18320	STUD, M8X22	4							
12	1	119265-13810	STUD, M6X40	2							
13	1	119265-13800	NUT, M6	2							

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Fig.6. CAMSHAFT & DRIVING GEAR



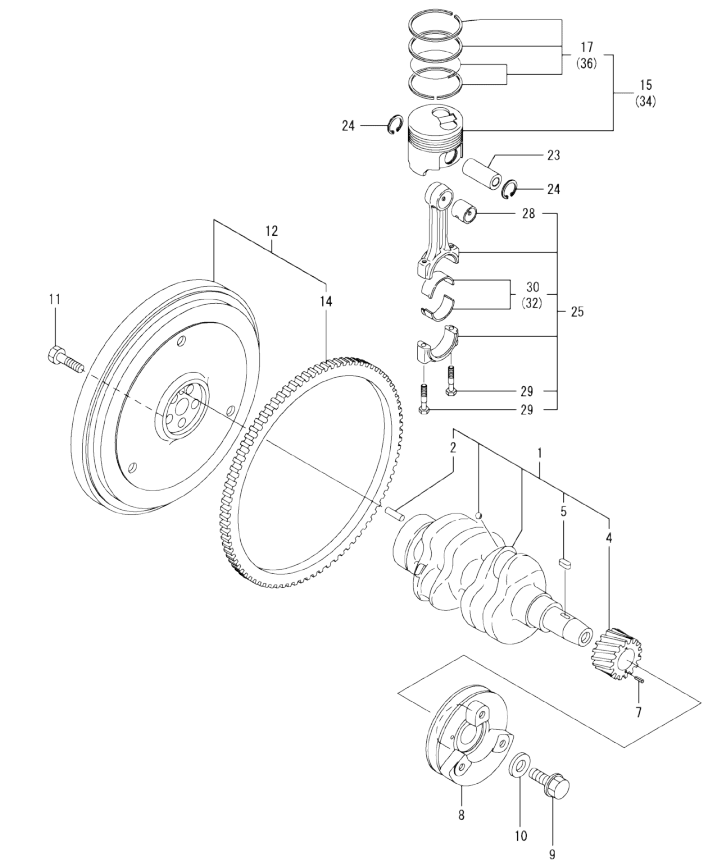
Remarks
(1) REPAIR PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-14200	TAPPET	4							
2	1	119260-14400	ROD, PUSH	4							
3	1	119305-14580	CAMSHAFT ASSY	1							
4	2	119620-02450	BEARING, THRUST	1							
6	2	119260-14100	GEAR, CAMSHAFT	1							
7	2	22512-040120	KEY, 4X 12	1							
8	1	119660-25022	RETAINER	1							
9	1	119660-25052	SHAFT, IDLE	1							
10	1	119260-25100	GEAR ASSY, IDLE	1							
12	2	119620-25912	BUSH	1							1
14	1	22242-000200	RING, 20	1							
15	1	26106-060122	BOLT, M6X 12 PLATED	3							
16	1	119305-14210	CAM ASSY	1							
19	2	22512-040120	KEY, 4X 12	1							
20	2	24102-063034	BEARING, BALL 6303U	1							
21	2	119660-25920	FLANGE	1							
22	2	119660-25930	BOLT	4							
23	1	119660-01821	BEARING, FUEL CAM	1							
24	1	26106-060162	BOLT, M6X 16 PLATED	3							
25	1	24101-062034	BEARING, BALL 6203	1							
26	1	26587-080102	SCREW, M8X10	1							

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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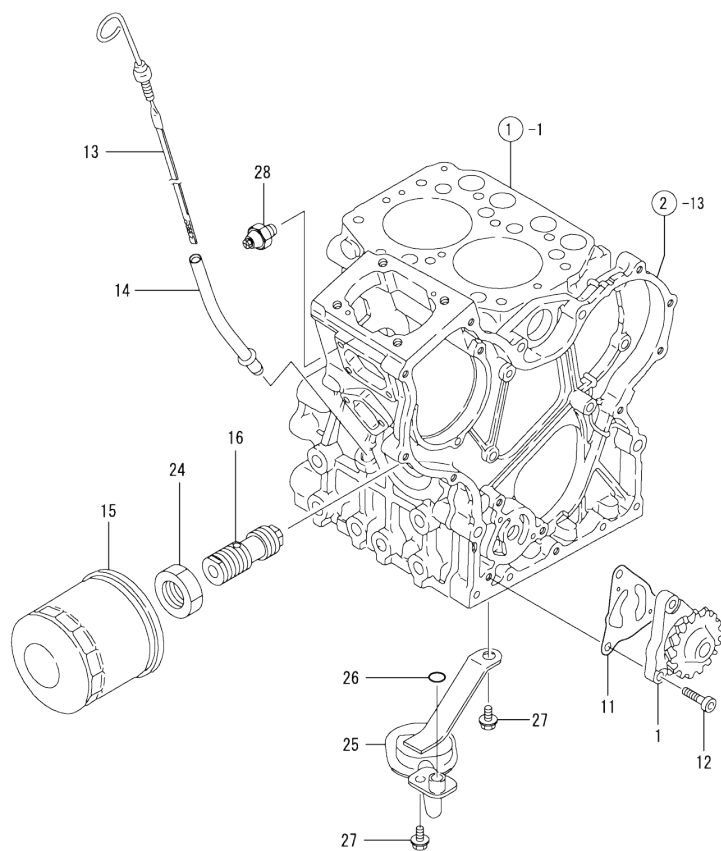
Fig.7. CRANKSHAFT & PISTON



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	119309-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
4	2	119260-21200	GEAR, CRANKSHAFT	1							
5	2	22512-040120	KEY, 4X 12	1							
7	1	22351-030012	PIN, SPRING 3.0X12	1							
8	1	119309-21650	V-PULLEY	1							
9	1	119621-21680	BOLT, FLANGE 12X1.25	1							
10	1	119620-21941	WASHER	1							
11	1	119620-21500	BOLT, FLYWHEEL	5							
12	1	119385-21592	FLYWHEEL ASSY	1							
14	2	124060-21600	GEAR, RING	1							
15	1	119265-22090	PISTON ASSY	2							
17	2	119265-22500	RING SET, PISTON	2							
23	1	119265-22300	PIN, PISTON	2							
24	1	22252-000200	RING, 20	4							
25	1	119265-23100	ROD ASSY, CONNECTING	2							
28	2	119260-23910	BEARING, PISTON PIN	2							1
29	2	119265-23200	BOLT, CONNECTING ROD	4							
30	2	719260-23600	BEARING, CRANK PIN	2							
32	1	719260-23610	BEARING ASSY, 0.25	2							2
34	1	119265-22900	PISTON ASSY, 0.25 OS	2							3
36	2	119265-22950	RING SET, 0.25 OS	2							3

N:Old $\frac{YBS}{100}$ New, Q:Old $\frac{H10}{100}$ New, R:Old $\frac{YBS}{100}$ New, S:Old $\frac{H10}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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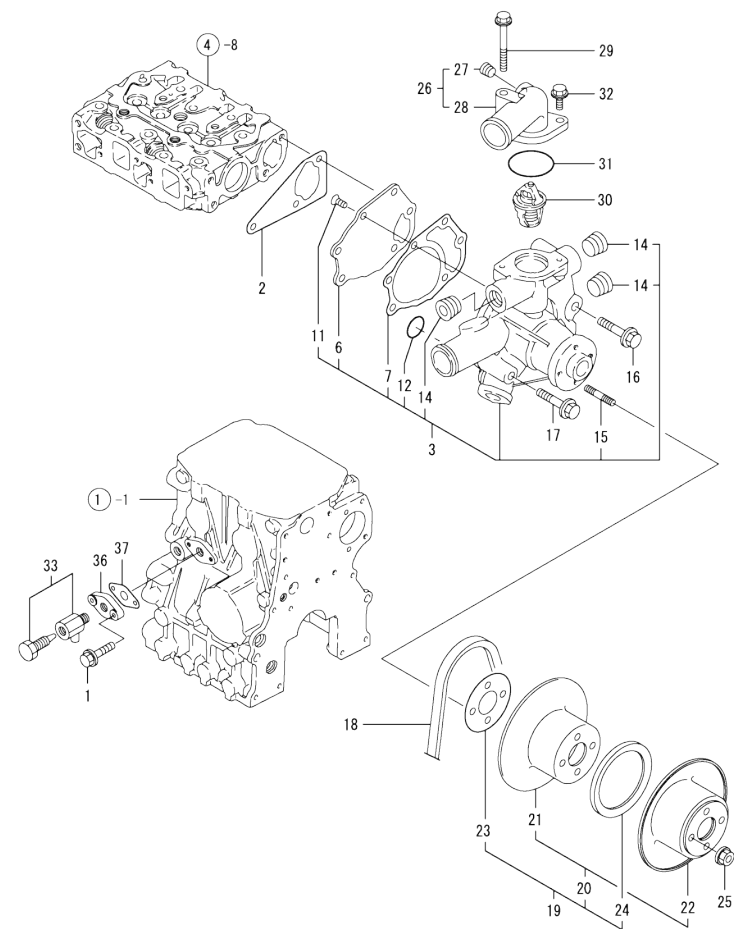
No.	Lev.	Parts No.	Description	(A)=2TNE68C-ETR			(D)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-32000	PUMP ASSY, OIL	1							
11	1	119660-32020	GASKET, PUMP	1							
12	1	26450-060202	BOLT, M6X 20	3							
13	1	119325-34830	DIPSTICK, OIL	1							
14	1	119325-34890	GUIDE, DIPSTICK	1							
15	1	119305-35150	FILTER, OIL	1							
16	1	119225-35300	VALVE ASSY	1							
24	1	129150-35350	NUT	1							
25	1	119325-35080	PIPE ASSY, OIL INLET	1							
26	1	119209-35030	O-RING, P11	1							
27	1	26106-060122	BOLT, M6X 12 PLATED	2							
28	1	121252-39450	SWITCH, 0.5KG	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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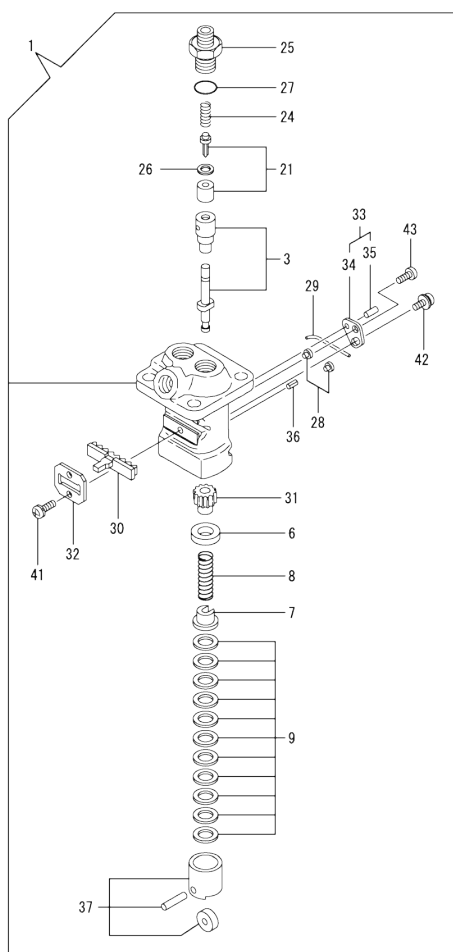
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Fig.9. COOLING WATER SYSTEM



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26106-060252	BOLT, M6X 25 PLATED	2							
2	1	119260-42021	GASKET, WATER PUMP	1							
3	1	119209-42003	PUMP ASSY, WATER	1							
6	2	119285-42120	PLATE	1							
7	2	119285-42051	GASKET, WATER PUMP	1							
11	2	26577-060122	SCREW, M6X12	3							
12	2	119209-42320	O-RING, P21 EPDM	1							
14	2	124085-11691	PLUG, NPT3/8	3							
15	2	26216-060202	STUD, M6X 20	4							
16	1	26106-080402	BOLT, M8X 40 PLATED	1							
17	1	26106-080452	BOLT, M8X 45 PLATED	2							
18	1	25152-002700	V-BELT, A27	1							
19	1	119285-42300	V-PULLEY	1							
20	2	124085-42300	V-PULLEY SET	1							
21	3	124085-42350	V-PULLEY, A	1							
22	3	124085-42360	V-PULLEY, B	1							
23	2	124085-42370	SHIM	4							
24	2	124085-42380	SPACER	1							
25	1	26366-060002	NUT, M6	4							
26	1	119209-49520	COVER, THERMOSTAT	1							
27	2	119285-01730	PLUG, NPT1/8	1							
28	2	119209-49531	COVER, THERMOSTAT	1							
29	1	26106-060552	BOLT, M6X 55 PLATED	1							
30	1	119260-49801	THERMOSTAT, 71	1							
31	1	119209-42140	O-RING, G 35	1							
32	1	26106-060182	BOLT, M6X 18 PLATED	1							
33	1	119620-49290	COCK ASSY, 1/4	1							
36	1	119385-49310	FLANGE	1							
37	1	119385-49331	GASKET	1							

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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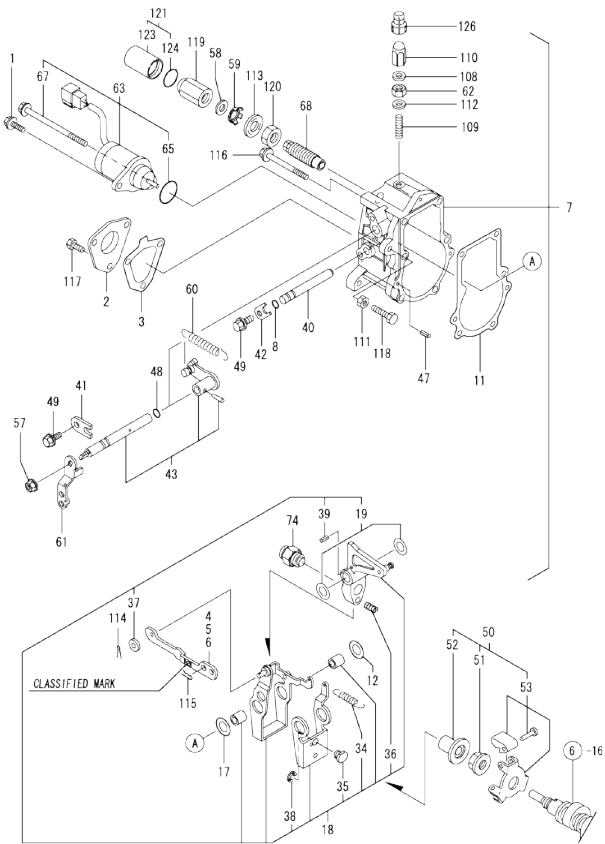
				(A)=2TNE68C-ETR							(D)=			
				(B)=							(E)=			
				(C)=							(F)=			
No.	Lev.	Parts No.	Description	Qty									I	R
				(A)	(B)	(C)	(D)	(E)	(F)					
1	1	719305-51100	PUMP ASSY, INJECTION	1										
3	2	119225-51100	PLUNGER ASSY	2										
6	2	119620-51170	RETAINER, SPRING A	2										
7	2	119620-51180	RETAINER, SPRING B	2										
8	2	119620-51190	SPRING, PLUNGER	2										
9	2	119620-51250	SHIM SET	2										
21	2	119225-51300	VALVE ASSY, DELIVERY	2										
24	2	105546-51330	SPRING, DELIVERY	2										
25	2	119620-51340	HOLDER, DELIVERY	2										
26	2	119620-51350	GASKET	2										
27	2	119620-51370	O-RING	2										
28	2	119620-51450	PIECE	2										
29	2	174307-51460	PIN, LOCK	1										
30	2	119305-51500	RACK, CONTROL	1										
31	2	119620-51510	PINION	2										
32	2	119305-51530	RETAINER, RACK	1										
33	2	119620-51640	PLATE ASSY, ADJUST	1										
34	3	119620-51650	PLATE	1										
35	3	119620-51670	PIN	1										
36	2	119620-51680	PIN	1										
37	2	119620-51700	TAPPET ASSY	2										
41	2	26022-040082	SCREW, MAX 8	2										
42	2	26033-040102	SCREW, MAX10	1										
43	2	119620-51660	SCREW	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.11. GOVERNOR

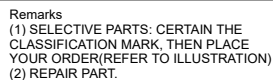


Remarks
(1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER(REFER TO ILLUSTRATION)
(2) REPAIR PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121465-59950	BOLT, M6X16	1							
2	1	119660-61060	COVER, GOVERNOR CASE	1							
3	1	119660-61071	GASKET	1							
4	1	119660-61122	LINK, NO MARK	1						1	
5	1	119660-61141	LINK, MARK A	1						1	
6	1	119660-61151	LINK, MARK :B	1						1	
7	1	119632-61200	CASE ASSY, GOVERNOR	1							
8	2	129155-51280	O-RING, S6	1							
11	2	119660-61053	GASKET	1							
12	2	119632-61500	SHIM SET	1							
17	2	129156-61500	SHIM, T=0.5	1							
18	2	119232-61510	LEVER ASSY, GOVERNOR	1							
19	3	174307-51700	SHIM SET	2							
34	3	119232-61540	SPRING	1							
35	3	119600-61541	SHIFTER	1							
36	3	119660-61651	SPRING, STARTING	1							
37	3	22117-040000	WASHER, 4	1							
38	3	22272-000040	RING, E- 4	1							
39	3	22351-030014	PIN, SPRING 3.0X14	1							
40	2	119660-61590	SHAFT	1							
41	2	119600-61900	RETAINER, SHAFT	1							
42	2	119660-61901	RETAINER, SHAFT	1							
43	2	119285-66080	SHAFT ASSY	1							
47	2	22351-040010	PIN, SPRING 4.0X10	2							
48	2	24341-000070	O-RING, 1AS7.0	1							
49	2	26106-060102	BOLT, M6X 10 PLATED	2							
50	1	119600-61300	DRIVE ASSY	1							
51	2	119660-61300	NUT	1							
52	2	119660-61341	SLEEVE	1							
53	2	119600-61400	WEIGHT ASSY,GOVERNOR	1							
57	1	194990-22050	NUT, M8	4							
58	1	23414-120016	GASKET, 12X1.0	1							
59	1	129209-61970	PLATE	1							
60	1	119600-66020	SPRING, REGULATOR	1							
61	1	119621-66051	LEVER, REGULATOR	1							
62	1	124550-66370	NUT, M6	1							
63	1	119653-66500	STOPPER ASSY	1							
65	2	24341-000280	O-RING, 1AS28.0	1							
67	2	119620-01530	BOLT	1							
68	1	119600-66530	LIMITER ASSY, FUEL	1							
74	1	119610-66700	ANGLEICH ASSY	1							
108	1	119285-66620	GASKET	1							
109	1	121575-66800	SCREW	1							
110	1	119285-66600	NUT, CAP M6	1							
111	1	26756-060002	NUT, LOCK M6	1							
112	1	22190-060003	SEAL WASER 6	2							
113	1	22190-120002	WASHER, SEAL 12	2							
114	1	22360-040000	PIN, SNAP 4	1							
115	1	22360-060000	PIN, SNAP 6	1							
116	1	26106-060702	BOLT, M6X 70 PLATED	5							
117	1	26116-050102	BOLT, MSX 10 PLATED	3							

N:Old, New, Q:Old, R:Old, S:Old, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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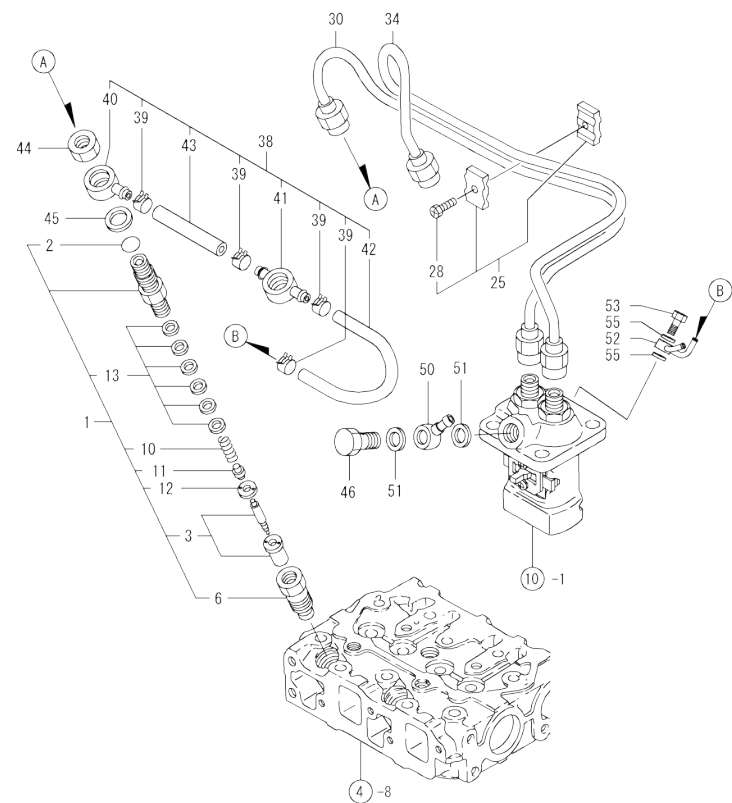
Fig.11. GOVERNOR

[illegible]

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

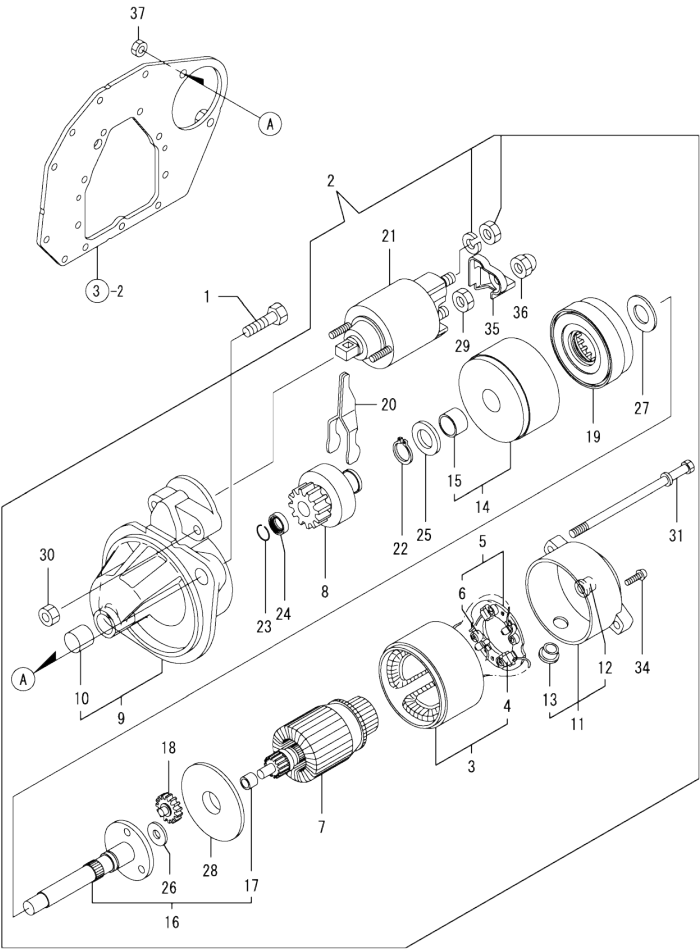
OCV10-M85700

Fig.12. FUEL INJECTION VALVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719255-53100	VALVE ASSY,INJECTION	2							
2	2	129155-61830	O-RING, S10	2							
3	2	119620-53000	VALVE ASSY,INJECTION	2							
6	2	119620-53080	NUT, NOZZLE	2							
10	2	119620-53120	SPRING, NOZZLE	2							
11	2	114250-53130	SEAT, SPRING	2							
12	2	119620-53140	SPACER, VALVE STOP	2							
13	2	114250-53400	SHIM SET	2							
25	1	119305-59120	RETAINER, PIPE	1							
28	2	129150-59131	BOLT, M4X14	1							
30	1	119309-59810	PIPE ASSY, INJECTION	1							
34	1	119309-59820	PIPE ASSY, INJECTION	1							
38	1	119309-59540	PIPE ASSY, RETURN	1							
39	2	124066-59100	CLIP, HOSE 8	4							
40	2	119260-59520	JOINT	1							
41	2	119260-59530	JOINT	1							
42	2	129350-59550	PIPE, FUEL D8X90	1							
43	2	105025-59550	PIPE, FUEL RETURN	1							
44	1	119620-59700	NUT, NOZZLE	2							
45	1	22190-140002	WASHER, SEAL 14	2							
46	1	105340-59190	BOLT ASSY, JOINT	1							
50	1	119285-59850	JOINT, PIPE 12	1							
51	1	22190-120002	WASHER, SEAL 12	2							
52	1	119309-59570	JOINT	1							
53	1	119266-59580	BOLT, PIPE JOINT M8	1							
55	1	22190-080002	WASHER, SEAL 6	2							

Fig.13. STARTING MOTOR

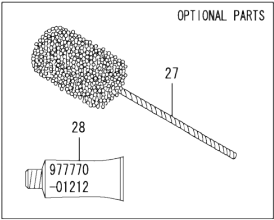
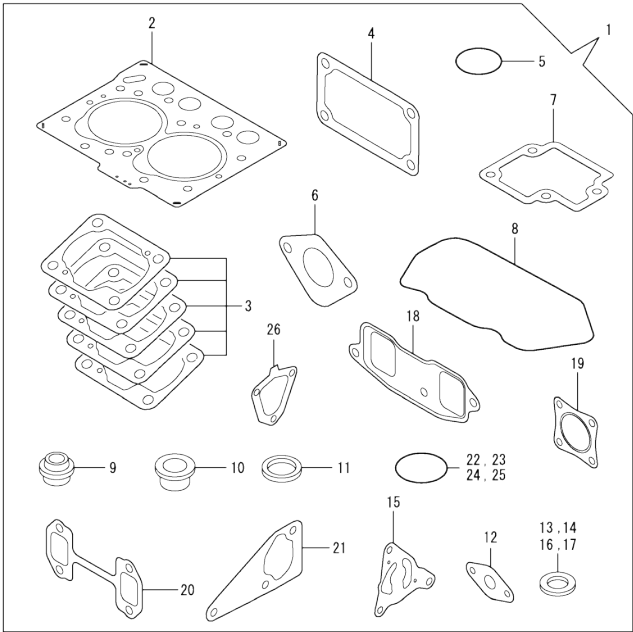


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26156-120302	BOLT, M12X 30 PLATED	2							
2	1	124520-77012	STARTER, P1.0	1							
3	2	X0281007680	YOKE ASSY	1							
4	3	X0280996180	STARTER KIT	2							
5	2	X0285105190	HOLDER ASSY	1							
6	3	X0285205030	SPRING	4							
7	2	X0282005871	ARMATURE ASSY	1							
8	2	X0283009160	CLUTCH ASSY	1							
9	2	X2284008090	HOUSING ASSY	1							
10	3	X9491050100	BEARING, NEEDLE	1							
11	2	X0285005770	FRAME ASSY	1							
12	3	X9491040990	BEARING	1							
13	3	X0280626010	COVER	1							
14	2	X0284105010	BEARING ASSY	1							
15	3	X9491034330	BEARING	1							
16	2	X0286105050	SHAFT ASSY	1							
17	3	X9491034320	BEARING	1							
18	2	X0286305010	GEAR	3							
19	2	X0286355010	GEAR	1							
20	2	X0287405140	LEVER	1							
21	2	X0534007800	SWITCH ASSY	1							
22	2	X9055715000	RING	1							
23	2	X9490721360	RING	1							
24	2	X0280210331	NUT	1							
25	2	X9490138110	WASHER	1							
26	2	X9490138090	WASHER	1							
27	2	X9490138100	WASHER	1							
28	2	X0284525010	PLATE	1							
29	2	X9490562360	NUT	1							
30	2	X9490560750	NUT	2							
31	2	X9490423520	BOLT, THROUGH	2							
34	2	X9490065670	SCREW, M4X6	2							
35	2	X0280335360	COVER, TERMINAL	1							
36	2	X1289510130	NUT	1							
37	1	119285-77050	NUT	1							

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.14. GASKET SET



Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719325-92660	GASKET SET	1							1
2	2	119309-01330	GASKET, CYL. HEAD	1							
3	2	119305-01950	SHIM SET, ADJUSTING	1							
4	2	119660-01562	GASKET	1							
5	2	24311-000320	O-RING, 1AP32.0	2							
6	2	121520-01851	GASKET	1							
7	2	119305-03031	GASKET	1							
8	2	124097-11311	GASKET, BONNET	1							
9	2	119260-11340	SEAL, VALVE STEM	4							
10	2	119600-11450	PROTECTOR, NOZZLE	2							
11	2	119600-11460	GASKET, NOZZLE	4							
12	2	119385-49331	GASKET	1							
13	2	22190-060003	SEAL WASER 6	1							
14	2	22190-120002	WASHER, SEAL 12	2							
15	2	119660-32020	GASKET, PUMP	1							
16	2	22190-080002	WASHER, SEAL 6	2							
17	2	22190-140002	WASHER, SEAL 14	2							
18	2	119326-12111	GASKET, MANIFOLD	1							
19	2	121000-13201	GASKET, SILENCER	1							
20	2	119305-13110	GASKET	1							
21	2	119260-42021	GASKET, WATER PUMP	1							
22	2	119209-42140	O-RING, G 35	1							
23	2	24311-000120	O-RING, 1AP12.0	4							
24	2	24341-000240	O-RING, 1AS24.0	1							
25	2	119209-35030	O-RING, P11	1							
26	2	119660-61071	GASKET	1							
27	1	129400-92400	HONE	1							1
28	1	977770-01212	GASKET, LIQUID	1							1

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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		34	119265-01250	1	12	119309-21650	7	8	119620-51640	10	33
105025-59550	12	43	119265-11260	4	44	119309-21700	7	1	119620-51650	10	34
105340-59190	12	46	119265-13800	5	13	119309-59540	12	38	119620-51660	10	43
105546-51330	10	24	119265-13810	5	12	119309-59570	12	52	119620-51670	10	35
114250-11120	4	20	119265-13840	5	10	119309-59810	12	30	119620-51680	10	36
114250-11180	4	21	119265-22090	7	15	119309-59820	12	34	119620-51700	10	37
114250-53130	12	11	119265-22300	7	23	119325-01770	3	10	119620-53000	12	3
114250-53400	12	13	119265-22500	7	17	119325-34830	8	13	119620-53080	12	6
119131-18320	5	11	119265-22900	7	34	119325-34890	8	14	119620-53120	12	10
119209-01550	2	34	119265-22950	7	36	119325-35080	8	25	119620-53140	12	12
119209-01590	2	1	119265-23100	7	25	119326-12111	5	1	119620-59700	12	44
119209-35030	8	26	119265-23200	7	29		14	18	119621-21680	7	9
	14	25	119266-01200	1	24	119385-01490	2	13	119621-66051	11	61
119209-42003	9	3	119266-02410	1	22	119385-12730	5	2	119632-61200	11	7
119209-42140	9	31	119266-59580	12	53	119385-21592	7	12	119632-61500	11	12
	14	22	119266-61460	11	118	119385-49310	9	36	119653-66500	11	63
119209-42320	9	12	119285-01601	3	2	119385-49331	9	37	119660-01562	2	19
119209-49520	9	26	119285-01730	9	27		14	12		14	4
119209-49531	9	28	119285-03140	4	4	119520-03090	4	1	119660-01570	2	20
119225-35300	8	16	119285-42051	9	7	119520-03990	4	2	119660-01640	3	6
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119225-51300	10	21	119285-42300	9	19		14	10	119660-01911	2	4
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119260-02020	1	6	119285-66620	11	108	119600-61300	11	50	119660-25930	6	22
119260-02800	1	16	119285-66650	11	126	119600-61400	11	53	119660-32020	8	11
119260-02930	1	19	119285-77050	13	37	119600-61541	11	35		14	15
119260-07900	4	46	119305-01950	2	21	119600-61900	11	41	119660-61053	11	11
119260-11100	4	18		14	3	119600-66020	11	60	119660-61060	11	2
119260-11110	4	19	119305-03020	4	51	119600-66530	11	68	119660-61071	11	3
119260-11260	4	40	119305-03031	4	52	119610-66700	11	74		14	26
119260-11270	4	41		14	7	119620-01530	11	67	119660-61122	11	4
119260-11280	4	42	119305-11200	4	28	119620-01620	3	5	119660-61141	11	5
119260-11340	4	24	119305-11240	4	37	119620-01800	2	3	119660-61151	11	6
	14	9	119305-13100	5	7	119620-02450	6	4	119660-61300	11	51
119260-11370	4	25	119305-13110	5	8	119620-11350	4	6	119660-61341	11	52
119260-11800	4	13		14	20	119620-21500	7	11	119660-61590	11	40
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119260-14200	6	1	119305-14580	6	3	119620-25912	6	12	119660-61901	11	42
119260-14400	6	2	119305-35150	8	15	119620-49290	9	33	121000-13201	5	9
119260-21200	7	4	119305-51500	10	30	119620-51170	10	6		14	19
119260-23910	7	28	119305-51530	10	32	119620-51180	10	7	121023-01550	2	31
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26306-080002	4	45
26366-060002	2	27
	9	25
26450-060202	8	12
26577-060122	9	11
26587-080102	6	26
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26756-060002	11	111
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27221-050080	4	17
27221-060100	1	11
27241-100000	1	13
27241-250000	1	14
27241-300000	1	15
27241-350000	4	15
27310-055001	4	22
719255-53100	12	1
719260-02870	1	26
719260-11650	4	29
719260-11660	4	33
719260-23600	7	30
719260-23610	7	32
719305-51100	10	1
719325-01560	1	1
719325-11700	4	8
719325-92660	14	1
977770-01212	2	37
	3	15
	14	28
X0280210331	13	24
X0280335360	13	35
X0280626010	13	13
X0280996180	13	4
X0281007680	13	3
X0282005871	13	7

Parts No.	Fig. No.	Ref. No.
X0283009160	13	8
X0284105010	13	14
X0284525010	13	28
X0285005770	13	11
X0285105190	13	5
X0285205030	13	6
X0286105050	13	16
X0286305010	13	18
X0286355010	13	19
X0287405140	13	20
X0534007800	13	21
X1289510130	13	36
X2284008090	13	9
X9055715000	13	22
X9490065670	13	34
X9490138090	13	26
X9490138100	13	27
X9490138110	13	25
X9490423520	13	31
X9490560750	13	30
X9490562360	13	29
X9490721360	13	23
X9491034320	13	17
X9491034330	13	15
X9491040990	13	12
X9491050100	13	10