

0CW10-M64500EN

P R E F A C E

1. This parts catalog is the 1st edition of 3TNM68-ALH for JIANGSU LINHAI.

Pub.No. : 0CW10-G64500

Published : June, 2010

2. Model name

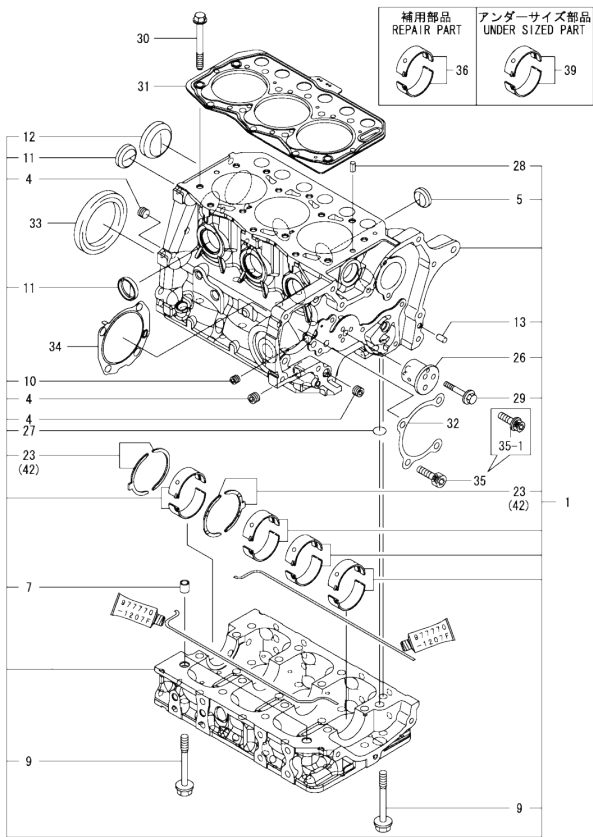
Engine model	Vehicle	Vehicle made by
3TNM68-ALH	UTV	JIANGSU LINHAI

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0CW10-M64500

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Fig.1. CYLINDER BLOCK



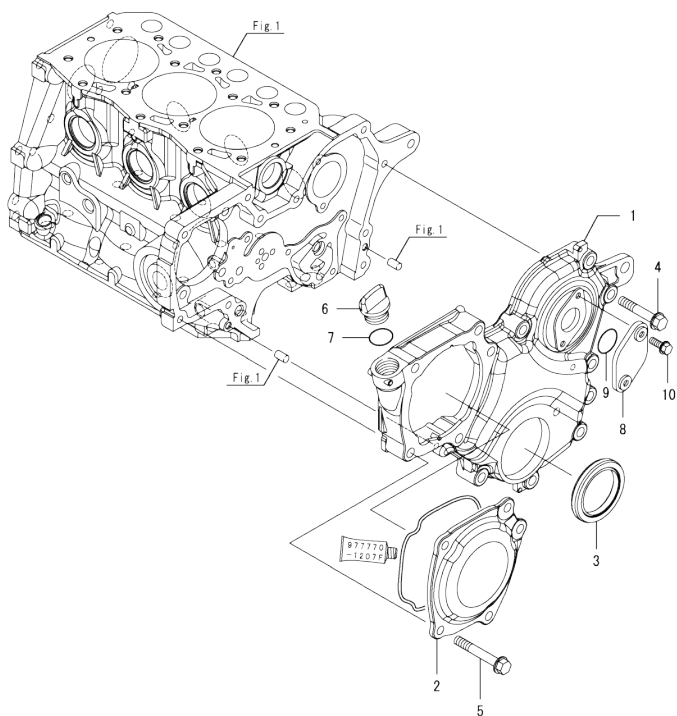
Remarks
(1)Repair parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

(A)=3TNM68-ALH
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119127-01560	BLOCK ASSY, CYLINDER	1							
4	2	124060-01050	PLUG, PT1/8	3							
5	2	119125-01970	PLUG, 25	3							
7	2	119125-01960	PIPE, KNOCK	2							
9	2	119125-02061	BOLT, METAL CAP	16							
10	2	23876-005000	PLUG, R005	1							
11	2	27241-300000	PLUG 30	4							
12	2	27241-450000	PLUG, 45	1							
13	2	119620-01620	PIN, M6X10	2							
23	2	119125-02930	BEARING, THRUST	2							
26	2	119125-25050	SHAFT, IDLE GEAR	1							
27	2	129900-32040	O-RING, P14	1							
28	2	22351-060012	PIN, SPRING 6.0X12	2							
29	2	26106-060402	BOLT, M6X 40 PLATED	3							
30	1	119266-01200	BOLT, HEAD	14							
31	1	119125-01330	GASKET, HEAD	1							
32	1	119125-01790	GASKET	1							
33	1	119734-02220	SEAL, OIL	1							
34	1	119125-51800	GASKET	1							
35	1	26450-080252	BOLT, M8X 25	4							
35-1	1	119125-01800	BOLT	4						N	
(A=EZZZZZ)											
36	1	119125-02900	BEARING, MAIN	4							1
39	1	119125-02910	BEARING, 0.25 US	4							2
42	1	119125-02940	BEARING, THRUST 0.25	2							3

Fig.2. GEAR HOUSING



(A)=3TNM68-ALH
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119125-01540	CASE, GEAR	1							
2	1	119125-01750	COVER	1							
3	1	119717-01800	SEAL, OIL	1							
4	1	26106-080352	BOLT, M8X 35 PLATED	8							
5	1	26106-080452	BOLT, M8X 45 PLATED	5							
6	1	106760-01770	CAP	1							
7	1	24311-000180	O-RING, 1AP18.0	1							
8	1	121023-01551	COVER	1							
9	1	24341-000240	O-RING, 1AS24.0	1							
10	1	26106-060162	BOLT, M6X 16 PLATED	2							

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.3. MOUNTING FLANGE & OIL SUMP



(D)=
(E)=

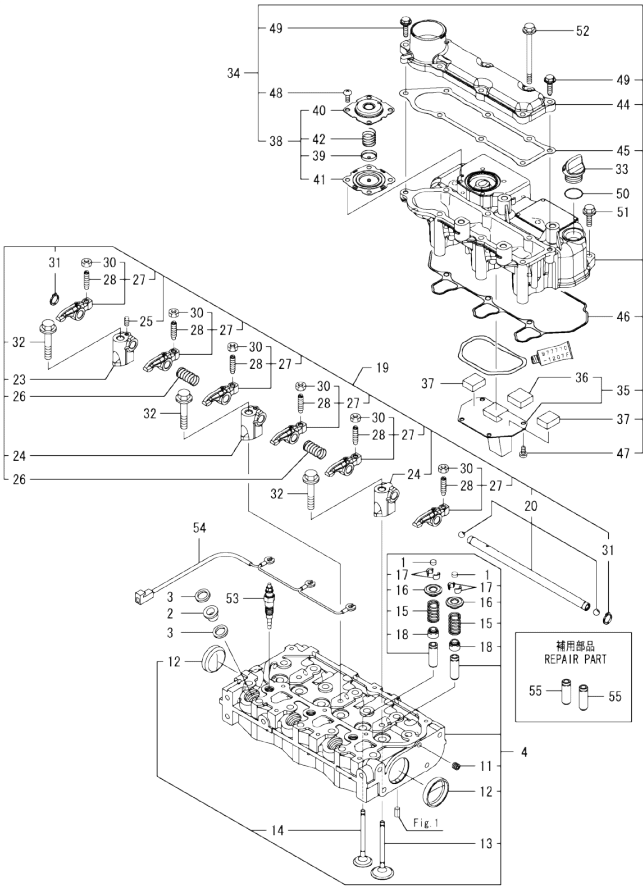
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129100-01580	PIN, M8X16	2							
2	1	119127-01600	FLANGE, MOUNTING	1							
3	1	26206-100202	BOLT, M10X 20 PLATED	8							
4	1	119125-01770	SUMP ASSY, OIL	1							
5	2	105425-01690	PLUG, 16	1							
7	2	22190-160002	WASHER, SEAL 16	1							
8	1	119125-01780	BOLT, M6X10	14							

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.4. CYLINDER HEAD & BONNET



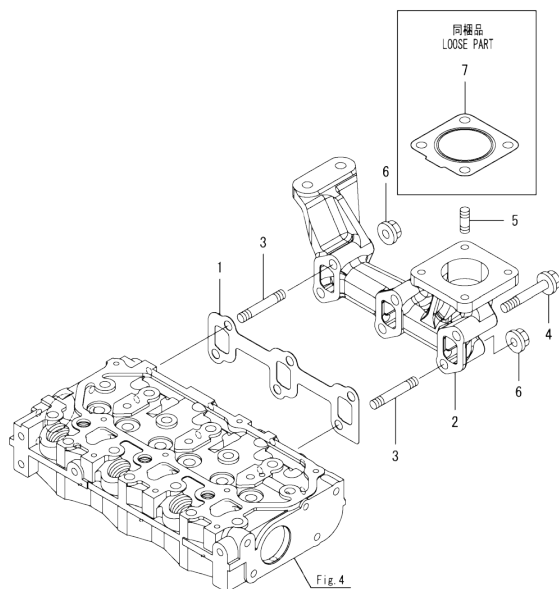
Remarks
(1)Repair parts.

(A)=3TNM68-ALH
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-11370	CAP. VALVE	6							
2	1	129901-11450	PROTECTOR, NOZZLE	3							
3	1	119600-11460	GASKET, NOZZLE	6							
4	1	119125-11740	HEAD ASSY, CYLINDER	1							
11	2	23876-005000	PLUG, R005	1							
12	2	27241-350000	PLUG, 35	2							
13	2	119125-11100	VALVE, INTAKE	3							
14	2	119125-11110	VALVE, EXHAUST	3							
15	2	119125-11130	SPRING, VALVE	6							
16	2	119125-11180	RETAINER, SPRING	6							
17	2	119125-11190	COTTER	12							
18	2	119125-11340	SEAL, VALVE STEM	6							
19	1	119125-11200	SUPPORT ASSY, ARM	1							
20	2	119125-11240	SHAFT ASSY, ROCKER	1							
23	2	119125-11260	SUPPORT, ROCKER ARM	1							
24	2	119125-11270	SUPPORT, ROCKER ARM	2							
25	2	119260-11270	SCREW	1							
26	2	119260-11280	SPRING	2							
27	2	119125-11650	ARM, ROCKER	6							
28	3	105010-11230	SCREW, VALVE ADJUST	6							
30	3	26856-060002	NUT, M6	6							
31	2	22242-000100	RING, 10	2							
32	1	26106-080452	BOLT, M8X 45 PLATED	3							
33	1	106760-01770	CAP	1							
34	1	119125-11380	BONNET ASSY, HEAD	1							
35	2	119717-03031	PLATE	1							
36	3	119717-03070	BAFFLE, BREATHER	1							
37	2	119717-03070	BAFFLE, BREATHER	2							
38	2	119802-03100	DIAPHRAGM ASSY	1							
39	3	119802-03110	PLATE	1							
40	3	119802-03121	COVER, DIAPHRAGM	1							
41	3	119802-03131	DIAPHRAGM	1							
42	3	119802-03141	SPRING, DIAPHRAGM	1							
44	2	119125-11320	COVER, BONNET	1							
45	2	119125-11330	GASKET	1							
46	2	119125-11370	GASKET, BONNET	1							
47	2	22857-500100	SCREW, 5X10	4							
48	2	22857-500100	SCREW, 5X10	4							
49	2	26476-060202	SCREW, TAPPING M6X20	2							
50	1	24311-000180	O-RING, 1AP18.0	1							
51	1	26106-060202	BOLT, M6X 20 PLATED	3							
52	1	26106-060802	BOLT, M6X 80 PLATED	6							
53	1	119125-77800	PLUG, GLOW	3							
54	1	119125-77820	CONNECTOR, GLOW PLUG	1							
55	1	119125-11800	GUIDE, VALVE	6							1

Fig.5. EXHAUST MANIFOLD



(A)=3TNM68-ALH
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119125-13110	GASKET	1							
2	1	119125-13140	MANIFOLD, EXHAUST	1							
3	1	119717-13600	STUD, M8X50	2							
4	1	119802-13620	BOLT, M8X50	4							
5	1	119131-18320	STUD, M8X22	4							
6	1	26306-080002	NUT, M8	2							
7	1	119515-13200	GASKET, SILENCER	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.6. CAMSHAFT & DRIVING GEAR



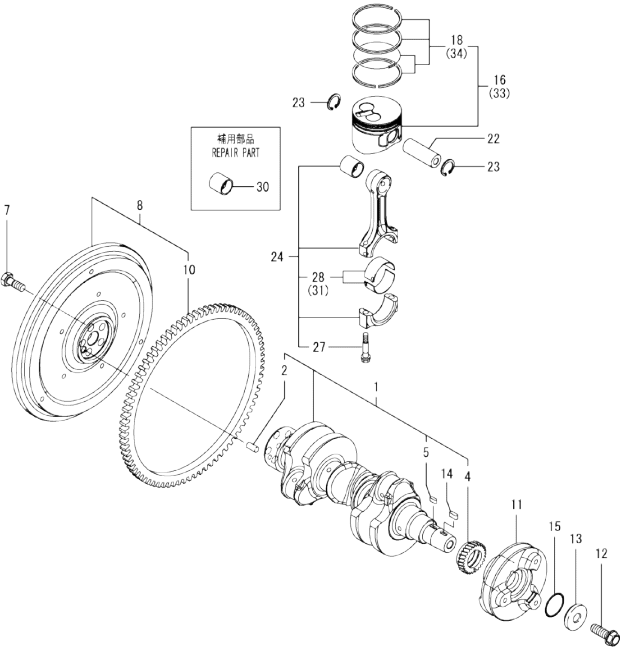
(A)=3TNM68-ALH
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119260-14200	TAPPET	6							
2	1	119260-14400	ROD, PUSH	6							
3	1	119125-14580	CAMSHAFT ASSY	1							
8	1	26106-060122	BOLT, M6X 12 PLATED	2							
9	1	119125-25100	GEAR ASSY, IDLE	1							
12	1	129150-25301	BOLT	4							
13	1	119125-25930	GEAR, PUMP	1							
14	1	119125-25910	BUSH, IDLE GEAR	1							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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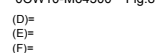
Fig.7. CRANKSHAFT & PISTON



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

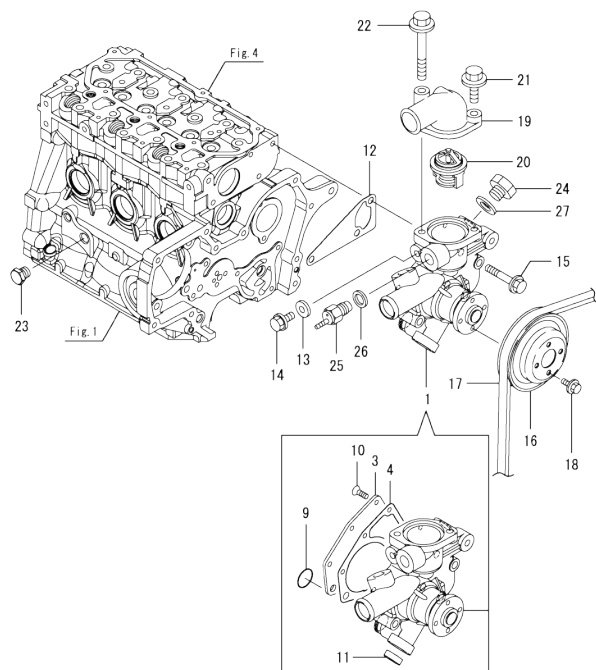
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119125-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
4	2	119125-21200	GEAR, CRANKSHAFT	1							
5	2	22512-040120	KEY, 4X 12	1							
7	1	119620-21500	BOLT, FLYWHEEL	5							
8	1	119127-21590	FLYWHEEL ASSY	1							
10	2	124060-21600	GEAR, RING	1							
11	1	119125-21660	V-PULLEY	1							
12	1	119621-21681	BOLT, FLANGE 12X1.25	1							
13	1	119717-21940	WASHER, 12	1							
14	1	22512-050120	KEY, 5X 12	1							
15	1	24341-000340	O-RING, 1AS34.0	1							
15-1	1	119C10-21930	PACKING, WASHER	1							R
(A=EXXXXX)											
16	1	119125-22080	PISTON ASSY	3							
18	2	119125-22500	RING SET, PISTON	3							
22	1	119125-22300	PIN, PISTON	3							
23	1	22252-000200	RING, 20	6							
24	1	119125-23000	ROD ASSY, CONNECTING	3							
27	2	119717-23200	BOLT, CONNECTING ROD	6							
28	2	119515-23601	BEARING, CRANK PIN	3							
30	1	119260-23910	BEARING, PISTON PIN	3							1
31	1	119515-23611	METAL ASSY, 0.25	3							2
33	1	119125-22900	PISTON ASSY, 0.25 OS	3							3
34	2	119125-22550	RING SET, 0.25 OS	3							3

(A)=3TNM68-ALH
(B)=
(C)=



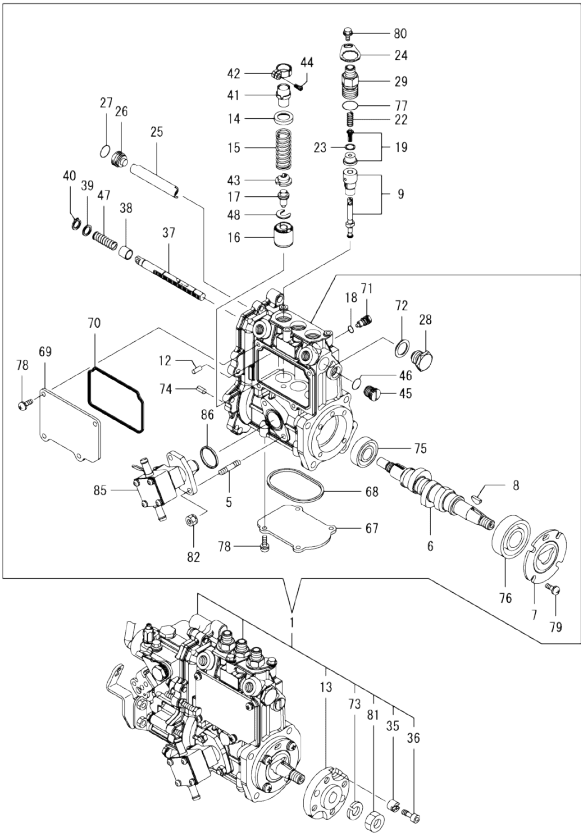
(D)=
(E)=
(F)=

N:Old $\xrightarrow{\text{YES}}$ New. Q:Old $\xrightarrow{\text{NO}}$ New. R:Old $\xrightarrow{\text{YES}}$ New. S:Old $\xrightarrow{\text{NO}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119125-42000	PUMP ASSY, WATER	1							
3	2	119125-42020	COVER	1							
4	2	119125-42030	GASKET, WATER PUMP	1							
9	2	119209-42320	O-RING, P21 EPDM	1							
10	2	26577-060122	SCREW, M6X12	4							
11	2	27241-220000	PLUG, 22	1							
12	1	119260-42021	GASKET, WATER PUMP	1							
13	1	23414-080000	GASKET, 8X1.0	1							
14	1	26106-080122	BOLT, M8X 12 PLATED	1							
15	1	26106-080452	BOLT, M8X 45 PLATED	3							
16	1	119717-42350	V-PULLEY, D=100	1							
17	1	25132-003500	V-BELT, A35	1							
18	1	26106-060122	BOLT, M6X 12 PLATED	4							
19	1	124101-49531	COVER, THERMOSTAT	1							
20	1	119717-49800	THERMOSTAT, 71	1							
21	1	26106-080252	BOLT, M8X 25 PLATED	1							
22	1	26106-080652	BOLT, M8X 65 PLATED	1							
23	1	171056-49120	PLUG, DRAIN	1							
24	1	121450-42450	PLUG, M16	1							
25	1	121250-44901	SWITCH, 110	1							
26	1	124465-44950	GASKET, 16	1							
27	1	124465-44950	GASKET, 16	1							

Fig.10. FUEL INJECTION PUMP



Remarks
(1)Governor(Fig.11) is incorporated in this Fuel Injection Pump(No.1).

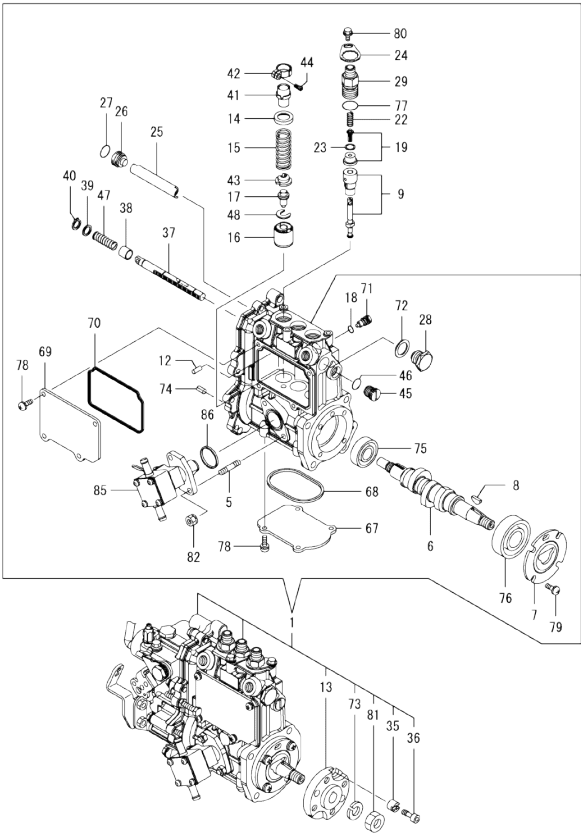
										0CW10-M64500 Fig.10	
										(A)=3TNM68-ALH (D)= (E)= (F)=	
										Q'ty	
										(A) (B) (C) (D) (E) (F)	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719127-51340	PUMP ASSY, INJECTION	1							1
5	2	129155-51020	STUD	2							
6	2	119125-51030	CAMSHAFT	1							
7	2	119125-51060	RETAINER, BEARING	1							
8	2	122710-51090	KEY	1							
9	2	119125-51100	PLUNGER ASSY	3							
12	2	129155-51140	PIN	3							
13	2	119717-51150	FLANGE	1							
14	2	158600-51170	RETAINER, SPRING	3							
15	2	119717-51190	SPRING, PLUNGER	3							
16	2	119125-51241	TAPPET	3							
17	2	119125-51250	GUIDE, TAPPET	3							
18	2	129155-51280	O-RING, S6	1							
19	2	119125-51300	VALVE ASSY, DELIVERY	3							
22	2	128990-51330	SPRING, DELIVERY	3							
23	2	124550-51350	GASKET, DELIVERY	3							
24	2	118400-51370	LOCKING	3							
25	2	129155-51400	DEFLECTOR	1							
26	2	158600-51410	PLUG, DEFLECTOR	1							
27	2	119717-51420	O-RING	1							
28	2	158600-51420	PLUG, DEFLECTOR	1							
29	2	158600-51442	VALVE ASSY, DELIVERY	3							
35	2	119125-51480	COLLAR	1							
36	2	119125-51490	BOLT	1							
37	2	119717-51500	RACK, CONTROL	1							
38	2	129155-51521	BUSH, RACK	1							
39	2	129155-51530	SPACER	1							
40	2	129155-51540	CIRCLIP	1							
41	2	129155-51550	PINION, CONTROL	3							
42	2	129100-51560	PINION	3							
43	2	119717-51570	RETAINER, SPRING	3							
44	2	129100-51570	SCREW	3							
45	2	158600-51570	PLUG	1							
46	2	129155-51580	O-RING	1							
47	2	129155-51591	SPRING, RACK	1							
48	2	129155-51600	SHIM SET, ADJUSTING	3							
67	2	119125-51700	COVER	1							
68	2	119717-51711	GASKET	1							
69	2	119717-51750	COVER	1							
70	2	119717-51761	GASKET	1							
71	2	158600-51790	STOOPER, RACK	1							
72	2	22190-160002	WASHER, SEAL 16	1							
73	2	22217-120000	WASHER, SPRING 12	1							
74	2	22351-050010	PIN, SPRING 5.0X10	2							
75	2	24101-060034	BEARING, BALL 6003	1							
76	2	24101-063034	BEARING, BALL 6303	1							
77	2	24316-000150	O-RING, 4DP15.0	3							
78	2	26022-050122	SCREW, M5X12	8							
79	2	26022-060162	SCREW, M6X16	4							
80	2	26106-050102	BOLT, M5X 10 PLATED	3							
81	2	26716-120002	NUT, M12	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

++ CONTINUE ++

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Fig.10. FUEL INJECTION PUMP

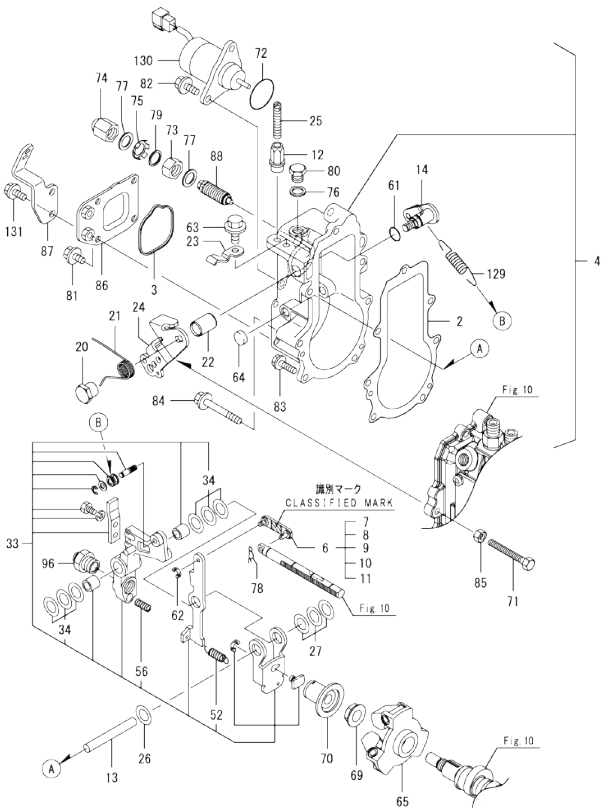


Remarks
(1)Governor(Fig.11) is incorporated in this Fuel Injection Pump(No.1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
82	2	119717-51860	NUT, M6	2							
85	2	119125-52000	PUMP ASSY, FUEL FEED	1							
86	2	129155-52051	GASKET	1							

N:Old $\frac{Y10}{10}$ New, Q:Old $\frac{H10}{10}$ New, R:Old $\frac{Y10}{10}$ New, S:Old $\frac{H10}{10}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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0CW10-M64500 ENGINE
Fig.11. GOVERNOR

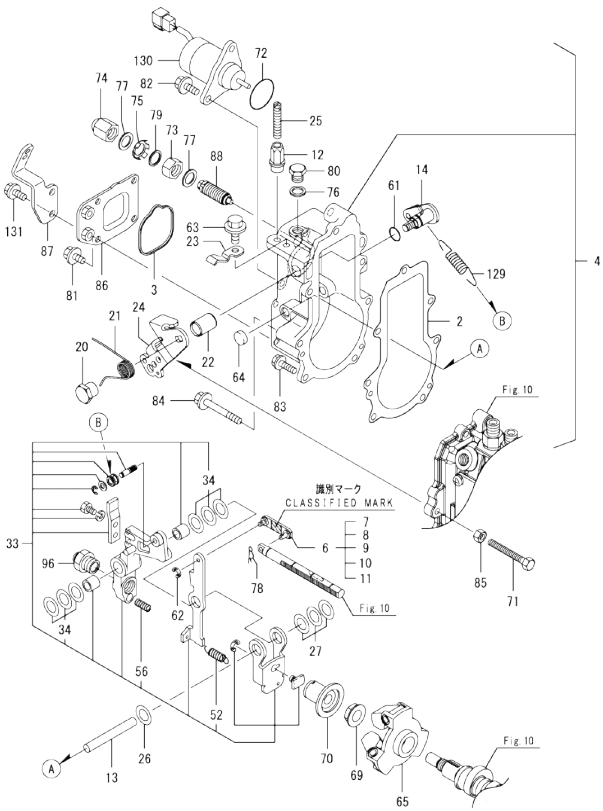


Remarks
* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.10).
(1)Selective parts.
Certain the classification mark, then place your order(Refer to illustration).

							Q'ty						I R	
							(A)	(B)	(C)	(D)	(E)	(F)		
No.	Lev.	Parts No.	Description											
2	2	119717-61050	GASKET				1							
3	2	119717-61070	GASKET				1							
4	2	119027-61100	CASE ASSY, GOVERNOR				1							
6	3	119125-61110	LINK ASSY				1							
7	4	119125-61120	LINK, MARK 93				1							
8	4	119125-61130	LINK, MARK 98				1							
9	4	119125-61140	LINK, MARK 88				1							
10	4	119125-61150	LINK, MARK 00				1							
11	4	119125-61160	LINK, MARK 03				1							
12	3	129209-61370	NUT, M6				1							
13	3	119125-61390	SHAFT				1							
14	3	119125-61401	SHAFT ASSY				1							
20	3	129255-61410	NUT, LOCK				1							
21	3	119534-61420	SPRING				1							
22	3	119125-61430	BUSH				1							
23	3	119534-61430	RETAINER				1							
24	3	119515-61440	LEVER, CONTROL				1							
25	3	129155-61450	BOLT, LIMITER				1							
26	3	129156-61460	SHIM, T=0.6				1							
27	3	129155-61480	SPACER ASSY				1							
33	3	119125-61501	LEVER ASSY, GOVERNOR				1							
34	4	174307-51700	SHIM SET				2							
52	4	129486-61540	SPRING, SET				1							
56	4	129100-61650	SPRING, CONTROLLER				1							
61	3	129155-61830	O-RING, S10				1							
62	3	22272-000030	RING, E- 3				1							
63	3	26106-060102	BOLT, M6X 10 PLATED				1							
64	3	27260-120000	PLUG, 12				1							
65	2	119125-61201	WEIGHT ASSY,GOVERNOR				1							
69	2	129008-61301	NUT				1							
70	2	129155-61341	SLEEVE				1							
71	2	129155-61460	BOLT, IDLE				1							
72	2	158552-61900	O-RING				1							
73	2	129209-61920	NUT, ARB				1							
74	2	129209-61930	NUT, CAP				1							
75	2	129209-61970	PLATE				1							
76	2	22190-100002	WASHER, SEAL 10				1							
77	2	22190-120002	WASHER, SEAL 12				2							
78	2	22372-040000	PIN, SNAP 4				1							
79	2	23414-120016	GASKET, 12X1.0				1							
80	2	23887-100002	PLUG, 10				1							
81	2	26106-060102	BOLT, M6X 10 PLATED				4							
82	2	26106-060142	BOLT, M6X 14 PLATED				2							
83	2	26106-060202	BOLT, M6X 20 PLATED				4							
84	2	26106-060452	BOLT, M6X 45 PLATED				3							
85	2	26756-060002	NUT, LOCK M6				1							
86	2	119761-61060	COVER, GOVERNOR CASE				1							
87	2	119761-61080	SUPPORT, WIRE				1							
88	2	119125-61450	LIMITER ASSY, FUEL				1							
96	2	119515-61560	ANGLEICH ASSY				1							
129	2	119527-61700	SPRING, GOVERNOR				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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0CW10-M64500 ENGINE
Fig.11. GOVERNOR



Remarks
* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.10).
(1) Selective parts.
Certain the classification mark, then place your order(Refer to illustration).

0CW10-M64500 Fig.11

(A)=3TNM68-ALH

(D)=

(B)=

(E)=

(C)=

(F)=

Q'ty

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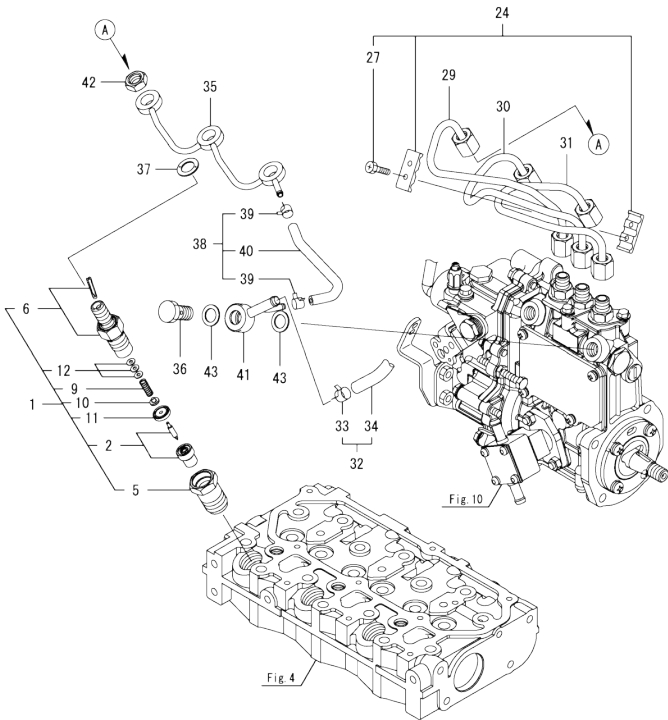
R

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
130	2	119653-77950	SOLENOID, STOP	1					
131	2	26106-060102	BOLT, M6X 10 PLATED	2					

N:Old ☐ YES ☐ NO New. Q:Old ☐ YES ☐ NO New. R:Old ☐ YES ☐ NO New. S:Old ☐ YES ☐ NO New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

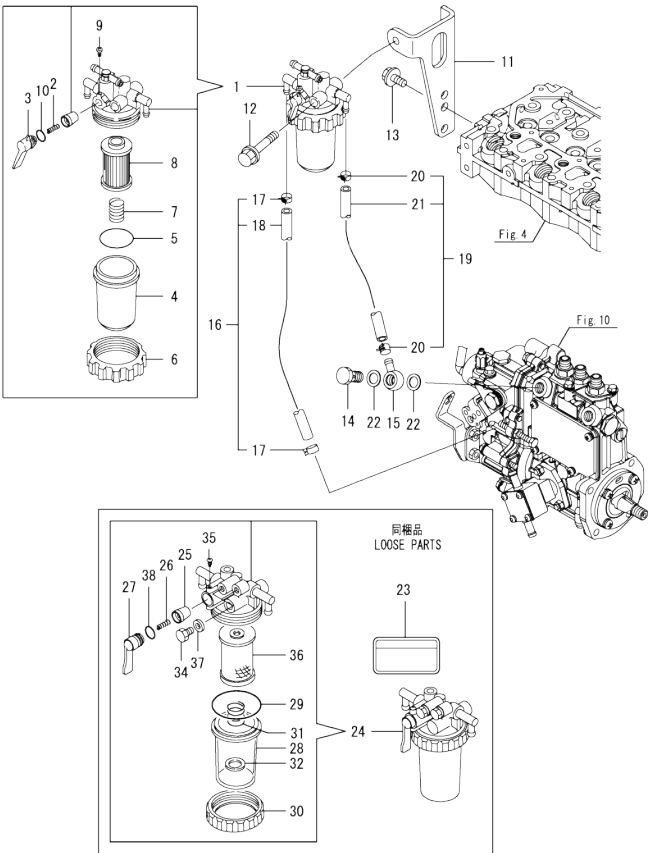
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Fig.12. FUEL INJECTION VALVE



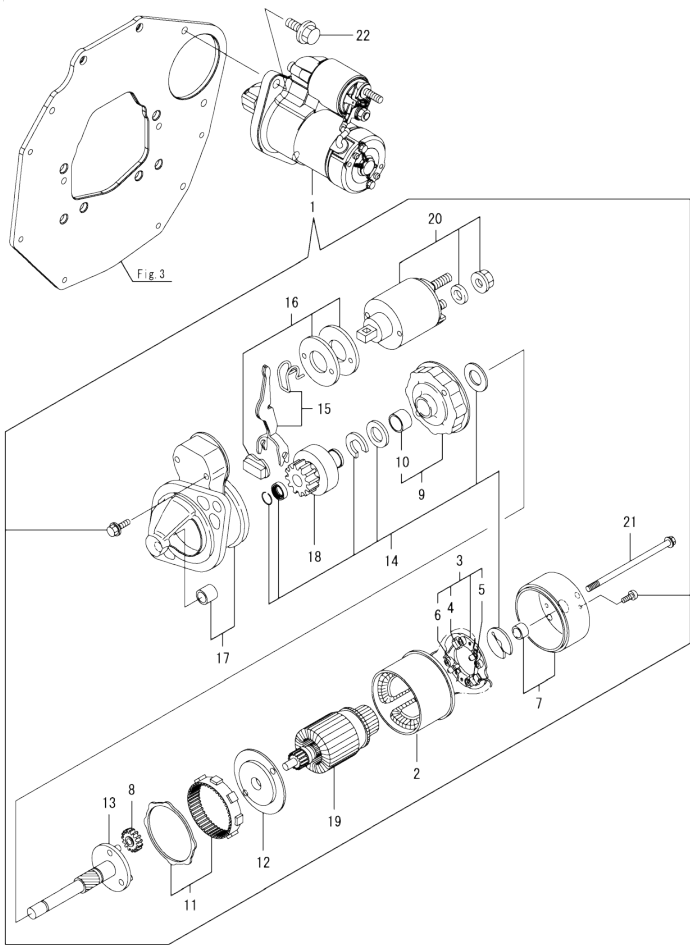
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719125-53100	VALVE ASSY,INJECTION	3							
2	2	119125-53001	VALVE ASSY,INJECTION	3							
5	2	119125-53080	NUT, NOZZLE	3							
6	2	119125-53100	HOLDER ASSY, NOZZLE	3							
9	2	119125-53120	SPRING, NOZZLE	3							
10	2	119125-53130	SEAT, SPRING	3							
11	2	119125-53140	SPACER, VALVE STOP	3							
12	2	114250-53400	SHIM SET	3							
24	1	129150-59120	RETAINER, PIPE	1							
27	2	129150-59131	BOLT, M4X14	2							
29	1	119125-59810	PIPE, FUEL INJECTION	1							
30	1	119125-59820	PIPE, FUEL INJECTION	1							
31	1	119125-59830	PIPE, FUEL INJECTION	1							
32	1	129210-59140	PIPE ASSY, FUEL	1							
33	2	124766-59050	CLIP, HOSE 12	2							
34	2	105230-59510	PIPE, FUEL	1							
35	1	119125-59540	PIPE ASSY, RETURN	1							
36	1	119125-59560	BOLT, PIPE JOINT	1							
37	1	129901-59560	GASKET	3							
38	1	119125-59570	PIPE ASSY, RETURN	1							
39	2	124066-59100	CLIP, HOSE 8	2							
40	2	119000-59550	PIPE, FUEL RETURN	1							
41	1	119840-59570	JOINT	1							
42	1	119620-59700	NUT, NOZZLE	3							
43	1	22190-120002	WASHER, SEAL 12	2							

Fig.13. FUEL PIPING



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119833-55620	FILTER ASSY, FUEL	1							
2	2	104200-55330	SPRING, VALVE	1							
3	2	119810-55340	LEVER	1							
4	2	121254-55510	COVER	1							
5	2	102103-55520	O-RING	1							
6	2	110250-55610	RING, RETAINING	1							
7	2	121250-55620	SPRING	1							
8	2	119810-55650	ELEMENT	1							
9	2	104200-55750	SCREW, M4	1							
10	2	24311-240100	O-RING, 1AP10A	1							
11	1	119125-55650	BRACKET	1							
12	1	26014-080702	BOLT, M8X 70	1							
13	1	26106-080162	BOLT, M8X 16 PLATED	2							
14	1	103854-39140	BOLT, PIPE JOINT	1							
15	1	101304-59020	JOINT, PIPE 12	1							
16	1	129210-59140	PIPE ASSY, FUEL	1							
17	2	124766-59050	CLIP, HOSE 12	2							
18	2	105230-59510	PIPE, FUEL	1							
19	1	129210-59230	PIPE ASSY, FUEL	1							
20	2	124766-59050	CLIP, HOSE 12	2							
21	2	129555-59511	PIPE, FUEL	1							
22	1	22190-120002	WASHER, SEAL 12	2							
23	1	114110-07760	LABEL, FUEL CAUTION	1							
24	1	129335-55700	SEPARATOR ASSY, WATER	1							
25	2	104200-55321	VALVE, TAPER	1							
26	2	104200-55330	SPRING, VALVE	1							
27	2	104200-55341	HANDLE	1							
28	2	124064-55510	COVER	1							
29	2	102103-55520	O-RING	1							
30	2	110250-55610	RING, RETAINING	1							
31	2	121257-55720	SPRING	1							
32	2	121257-55731	FLOAT	1							
34	2	101720-55750	PLUG, 6	2							
35	2	104200-55750	SCREW, M4	1							
36	2	171081-55910	SCREEN	1							
37	2	23418-060000	GASKET, 6X1.0	2							
38	2	24311-240100	O-RING, 1AP10A	1							

Fig.14. STARTING MOTOR

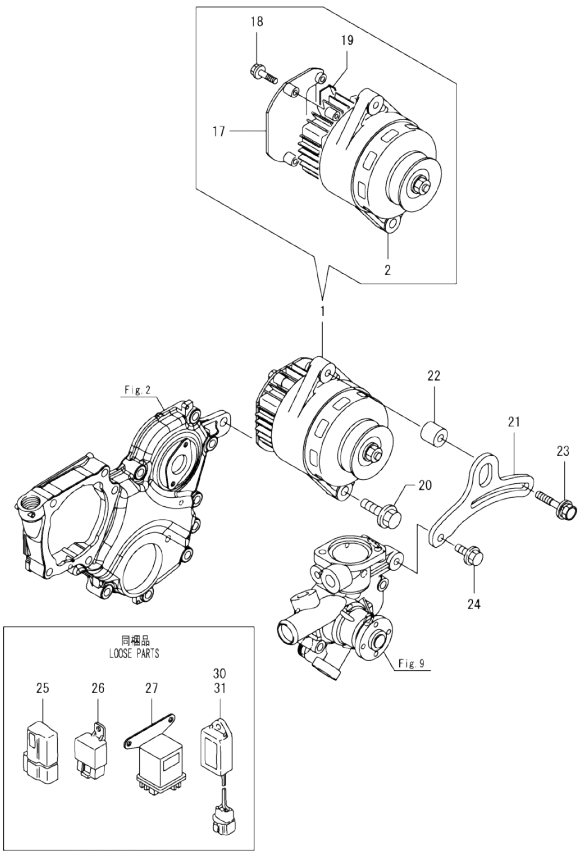


(A)=3TNM68-ALH
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119125-77010	STARTER ASSY, 1.2KW	1							
2	2	129698-77110	YOKE ASSY	1							
3	2	129698-77120	HOLDER ASSY, BRUSH	1							
4	3	129698-77130	BRUSH	2							
5	3	129698-77140	BRUSH SET	1							
6	3	129698-77150	SPRING, BRUSH	4							
7	2	129698-77161	COVER ASSY	1							
8	2	119125-77170	GEAR	3							
9	2	129698-77180	BRACKET	1							
10	3	129698-77190	BRACKET	1							
11	2	119125-77200	GEAR, INTERNAL	1							
12	2	119125-77210	BRACKET	1							
13	2	119125-77230	SHAFT, PINION	1							
14	2	129698-77250	WASHER SET	1							
15	2	119125-77270	LEVER SET, SHIFT	1							
16	2	119125-77280	COVER ASSY	1							
17	2	119125-77520	CASE ASSY, GEAR	1							
18	2	119125-77660	PINION ASSY	1							
19	2	119125-77710	ARMATURE ASSY	1							
20	2	119125-77760	SWITCH ASSY	1							
21	2	124195-77770	BOLT, THROUGH	2							
22	1	26106-100252	BOLT, M10X 25 PLATED	2							

Fig.15. GENERATOR

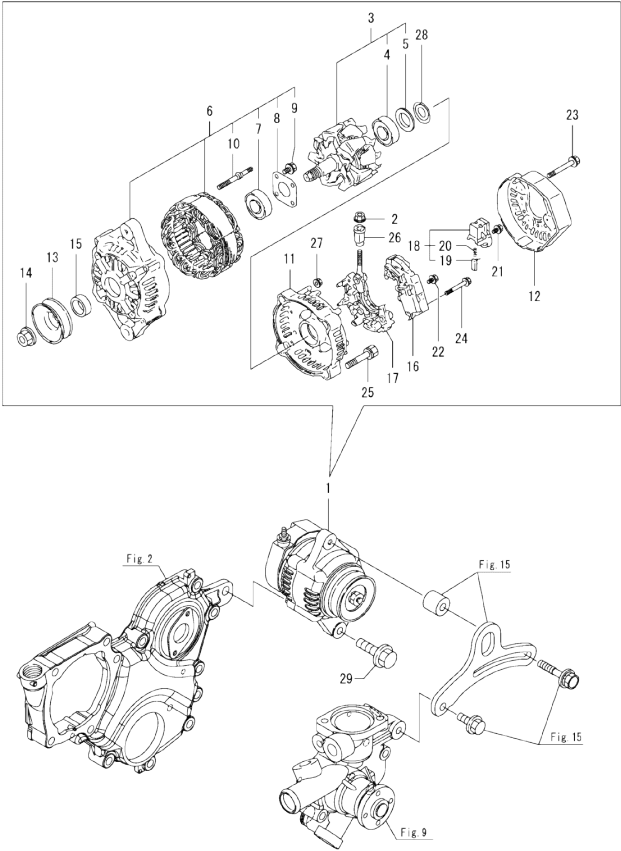


Remarks
* This item is applicable to [(A)=EZZZZZ-1] or previous machines(Refer to Fig.18)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119128-77200	GENERATOR, 12V-40A	1							
2	2	119128-77220	GENERATOR ASSY	1							
17	2	119128-77370	COVER	1							
18	2	119128-77380	BOLT, FLANGE	4							
19	2	119128-77390	COVER	1							
20	1	26106-100402	BOLT, M10X 40 PLATED	1							
21	1	119125-77320	ADJUSTER	1							
22	1	124732-77340	SPACER	1							
23	1	129972-77341	BOLT, ADJUSTER L=50	1							
24	1	26106-080202	BOLT, M8X 20 PLATED	1							
25	1	119643-66900	DIODE	1							
26	1	119247-77100	RELAY, SAFETY	1							
27	1	119650-77910	RELAY ASSY, GLOW	1							
30	1	129155-77925	TIMER	1							
31	1	129211-77920	TIMER	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.17. (15A)GENERATOR



(A)=3TNM68-ALH
(B)=
(C)=

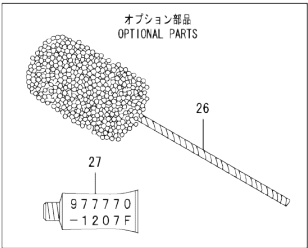
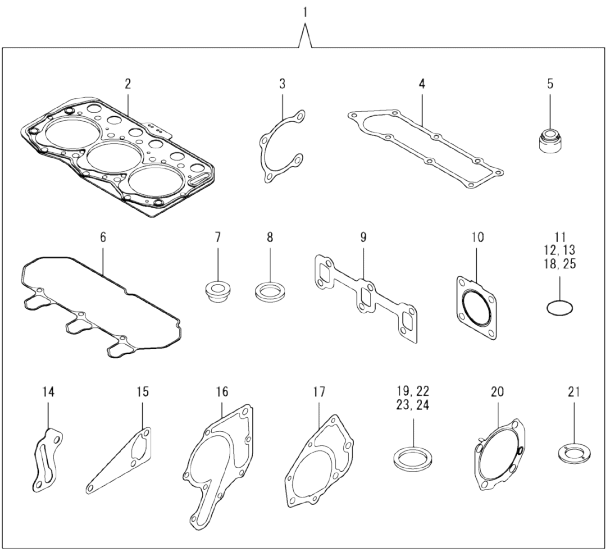
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129423-77200	GENERATOR, 12V-40A	1							
2	2	X9490561001	NUT	1							
3	2	119620-77380	ROTOR ASSY	1							
4	3	123501-79240	BEARING, BALL	1							
5	3	119620-79250	COVER	1							
6	2	119620-77421	FRAME ASSY, DRIVE	1							
7	3	119620-79200	BEARING, BALL	1							
8	3	119620-79210	PLATE, RETAINER	1							
9	3	119620-79220	SCREW	4							
10	3	119620-79230	STUD	2							
11	2	119620-77440	FRAME ASSY	1							
12	2	129240-79300	COVER	1							
13	2	119620-77461	PULLEY	1							
14	2	119620-77471	NUT	1							
15	2	119620-77490	COLLAR	1							
16	2	129423-77710	REGULATOR ASSY	1							
17	2	119620-79260	HOLDER	1							
18	2	129052-79270	HOLDER, BRUSH	1							
19	3	119620-77480	BRUSH ASSY	2							
20	3	119620-79280	SPRING	2							
21	2	119620-79290	SCREW	6							
22	2	119620-79300	SCREW	1							
23	2	119620-79310	BOLT	3							
24	2	119620-79320	SCREW	2							
25	2	119620-79330	BOLT	2							
26	2	119620-79340	BUSH, INSULATION	1							
27	2	119620-79350	NUT	2							
28	2	119620-79360	WASHER, THRUST	1							
29	1	26106-100402	BOLT, M10X 40 PLATED	1							

Remarks
* This item is applicable to [(A)=EZZZZZ-1] or previous machines(Refer to Fig.15)

N:Old $\frac{N_{Old}}{100}$ New, Q:Old $\frac{Q_{Old}}{100}$ New, R:Old $\frac{R_{Old}}{100}$ New, S:Old $\frac{S_{Old}}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.16. GASKET SET



Remarks
(1)Optional parts.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119125-92600	GASKET SET	1							1
2	2	119125-01330	GASKET, HEAD	1							
3	2	119125-01790	GASKET	1							
4	2	119125-11330	GASKET	1							
5	2	119125-11340	SEAL, VALVE STEM	6							
6	2	119125-11370	GASKET, BONNET	1							
7	2	129901-11450	PROTECTOR, NOZZLE	3							
8	2	119600-11460	GASKET, NOZZLE	6							
9	2	119125-13110	GASKET	1							
10	2	119515-13200	GASKET, SILENCER	1							
11	2	129900-32040	O-RING, P14	1							
12	2	119125-34900	O-RING	1							
13	2	119209-35030	O-RING, P11	1							
14	2	119125-39220	GASKET	1							
15	2	119260-42021	GASKET, WATER PUMP	1							
16	2	119275-42020	GASKET, WATER PUMP	1							
17	2	119125-42030	GASKET, WATER PUMP	1							
18	2	119209-42320	O-RING, P21 EPDM	1							
19	2	124465-44950	GASKET, 16	1							
20	2	119125-51800	GASKET	1							
21	2	129901-59560	GASKET	3							
22	2	22190-120002	WASHER, SEAL 12	5							
23	2	22190-160002	WASHER, SEAL 16	1							
24	2	23414-080000	GASKET, 8X1.0	1							
25	2	24311-000180	O-RING, 1AP18.0	2							
26	1	129400-92400	HONE	1							1
27	1	977770-1207F	GASKET,LIQUID	1							1

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101304-59020	13	15
101720-55750	13	34
102103-55520	13	5
	29	
103854-39140	13	14
104200-55321	13	25
104200-55330	13	2
	26	
104200-55341	13	27
104200-55750	13	9
	35	
105010-11230	4	28
105230-59510	12	34
	13	18
105425-01690	3	5
106760-01770	2	6
	4	33
110250-55610	13	6
	30	
114110-07760	13	23
114250-39450	8	14
114250-53400	12	12
118400-51370	10	24
119000-59550	12	40
119027-61100	11	4
119125-01330	1	31
	16	2
119125-01540	2	1
119125-01750	2	2
119125-01770	3	4
119125-01780	3	8
119125-01790	1	32
	16	3
119125-01800	1	35 -1
119125-01960	1	7
119125-01970	1	5
119125-02061	1	9
119125-02900	1	36
119125-02910	1	39
119125-02930	1	23
119125-02940	1	42
119125-11100	4	13
119125-11110	4	14
119125-11130	4	15
119125-11180	4	16
119125-11190	4	17
119125-11200	4	19
119125-11240	4	20
119125-11260	4	23
119125-11270	4	24

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119125-11320	4	44
119125-11330	4	45
	16	4
119125-11340	4	18
	16	5
119125-11370	4	46
	16	6
119125-11380	4	34
119125-11650	4	27
119125-11740	4	4
119125-11800	4	55
119125-13110	5	1
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119125-13140	5	2
119125-14580	6	3
119125-21200	7	4
119125-21660	7	11
119125-21700	7	1
119125-22080	7	16
119125-22300	7	22
119125-22500	7	18
119125-22550	7	34
119125-22900	7	33
119125-23000	7	24
119125-25050	1	26
119125-25100	6	9
119125-25910	6	14
119125-25930	6	13
119125-32000	8	1
119125-34800	8	3
119125-34810	8	5
119125-34900	8	4
	16	12
119125-35080	8	9
119125-39200	8	11
119125-39220	8	12
	16	14
119125-42000	9	1
119125-42020	9	3
119125-42030	9	4
	16	17
119125-51030	10	6
119125-51060	10	7
119125-51100	10	9
119125-51241	10	16
119125-51250	10	17
119125-51300	10	19
119125-51480	10	35
119125-51490	10	36
119125-51700	10	67

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119125-51800	1	34
	16	20
119125-52000	10	85
119125-53001	12	2
119125-53080	12	5
119125-53100	12	6
119125-53120	12	9
119125-53130	12	10
119125-53140	12	11
119125-55650	13	11
119125-59540	12	35
119125-59560	12	36
119125-59570	12	38
119125-59810	12	29
119125-59820	12	30
119125-59830	12	31
119125-61110	11	6
119125-61120	11	7
119125-61130	11	8
119125-61140	11	9
119125-61150	11	10
119125-61160	11	11
119125-61201	11	65
119125-61390	11	13
119125-61401	11	14
119125-61430	11	22
119125-61450	11	88
119125-61501	11	33
119125-77010	14	1
119125-77170	14	8
119125-77200	14	11
119125-77210	14	12
119125-77230	14	13
119125-77270	14	15
119125-77280	14	16
119125-77320	15	21
119125-77520	14	17
119125-77660	14	18
119125-77710	14	19
119125-77760	14	20
119125-77800	4	53
119125-77820	4	54
119125-92600	16	1
119127-01560	1	1
119127-01600	3	2
119127-21590	7	8
119127-34830	8	5 -1
119127-34840	8	3 -1
119128-77200	15	1
119128-77220	15	2

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119128-77370	15	17
119128-77380	15	18
119128-77390	15	19
119131-18320	5	5
119209-35030	8	8
	16	13
119209-42320	9	9
	16	18
119247-77100	15	26
119260-11270	4	25
119260-11280	4	26
119260-11370	4	1
119260-14200	6	1
119260-14400	6	2
119260-23910	7	30
119260-42021	9	12
	16	15
119266-01200	1	30
119275-42020	16	16
119305-35151	8	15
119515-13200	5	7
	16	10
119515-23601	7	28
119515-23611	7	31
119515-61440	11	24
119515-61560	11	96
119527-61700	11	129
119534-61420	11	21
119534-61430	11	23
119600-11460	4	3
	16	8
119620-01620	1	13
119620-21500	7	7
119620-59700	12	42
119620-77380	17	3
119620-77421	17	6
119620-77440	17	11
119620-77461	17	13
119620-77471	17	14
119620-77480	17	19
119620-77490	17	15
119620-79200	17	7
119620-79210	17	8
119620-79220	17	9
119620-79230	17	10
119620-79250	17	5
119620-79260	17	17
119620-79280	17	20
119620-79290	17	21
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119620-79320	17	24
119620-79330	17	25
119620-79340	17	26
119620-79350	17	27
119620-79360	17	28
119621-21681	7	12
119643-66900	15	25
119650-77910	15	27
119653-77950	11	130
119717-01800	2	3
119717-03031	4	35
119717-03070	4	36
		37
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119717-61050	11	2
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124060-21600	7	10
124064-55510	13	28
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129155-51140	10	12
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129155-51400	10	25
129155-51521	10	38
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129155-51540	10	40
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129155-51591	10	47
129155-51600	10	48
129155-52051	10	86
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158552-61900	11	72
158600-51170	10	14
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