

0CW10-M73500EN

P R E F A C E

1. This parts catalog is the 1st edition of 3TNV76-GGEA for EM POWER.

Pub.No. : 0CW10-G73500

Published : February, 2012

2. Model name

Engine model	Vehicle	Vehicle made by
3TNV76-GGEA	GENERATOR	EM POWER

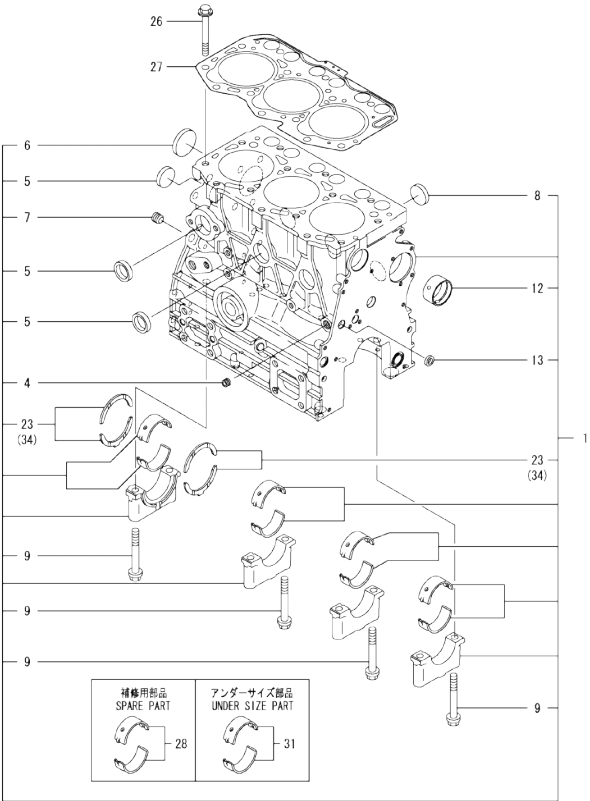
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Fig.1. CYLINDER BLOCK



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

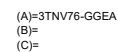
0CW10-M73500 Fig.1

		(A)=3TNV76-GGEA		(D)=		(E)=		(F)=		Q'ty		I R	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)				
1	1	719717-01561	BLOCK ASSY, CYLINDER	1									
4	2	124060-01050	PLUG, PT1/8	1									
5	2	105311-01090	PLUG, 30	4									
6	2	119623-01250	PLUG, 45	1									
7	2	124160-01910	PLUG, PT1/4	1									
8	2	119285-01990	PLUG, 25	3									
9	2	119620-02020	BOLT, METAL CAP	8									
12	2	119717-02411	BUSH, CAMSHAFT	1									
13	2	27241-120000	PLUG, 12	1									
23	2	119717-02930	BEARING, THRUST	2									
26	1	119810-01200	BOLT, HEAD	14									
27	1	119717-01331	GASKET, HEAD	1									
28	1	719717-02901	BEARING, MAIN	4								1	
31	1	719717-02911	BEARING, 0.25 US	4								2	
34	1	119810-02941	BEARING, THRUST 0.25	2								3	

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

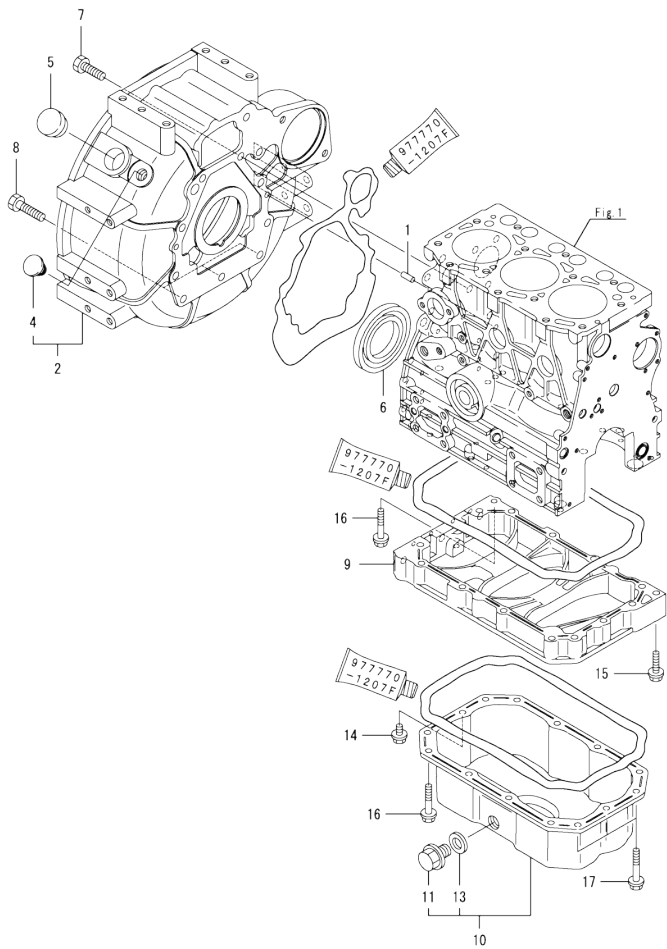
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(E)=



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

0CW10-M73500 3TNV76-GGEA

Fig.3. FLYWHEEL HOUSING & OIL SUMP



0CW10-M73500 Fig.3

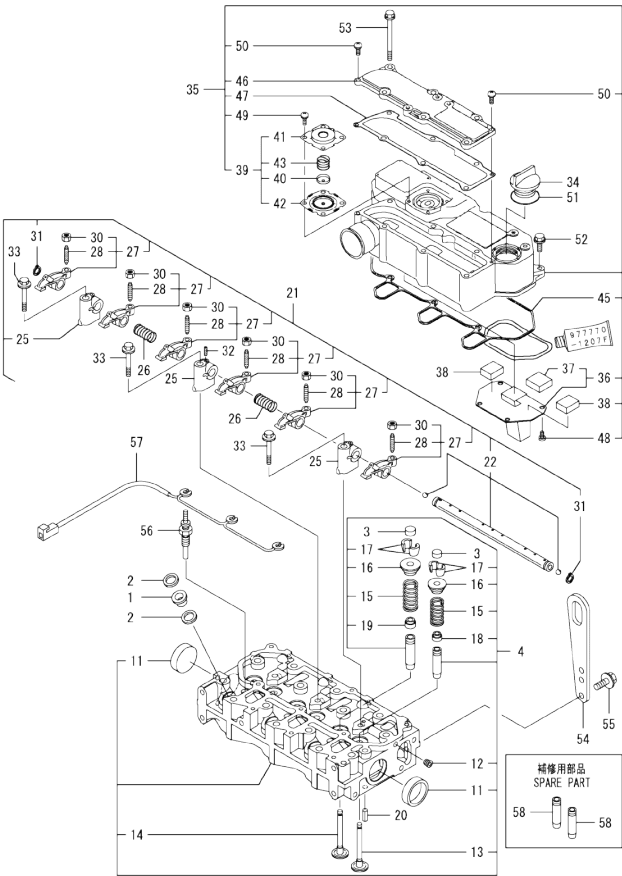
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2							
2	1	119717-01611	HOUSING, FLYWHEEL	1							
4	2	119888-01850	PLUG, RUBBER	1							
5	1	119620-01750	CAP	1							
6	1	124085-02220	SEAL, OIL	1							
7	1	26206-100252	BOLT, M10X 25 PLATED	8							
8	1	26206-100302	BOLT, M10X 30 PLATED	3							
9	1	119717-01720	SPACER, OIL SUMP	1							
10	1	119717-01770	SUMP ASSY, OIL	1							
11	2	105425-01690	PLUG, 16	1							
13	2	22190-160002	WASHER, SEAL 16	1							
14	1	26106-080122	BOLT, M8X 12 PLATED	1							
15	1	26106-080302	BOLT, M8X 30 PLATED	1							
16	1	26106-080452	BOLT, M8X 45 PLATED	11							
17	1	26106-080502	BOLT, M8X 50 PLATED	3							

0CW10-M73500 3TNV76-GGEA

Fig.4. CYLINDER HEAD & BONNET



Remarks
(1)Spare part.

0CW10-M73500 Fig.4

(A)=3TNV76-GGEA
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129901-11450	PROTECTOR, NOZZLE	3							
2	1	119600-11460	GASKET, NOZZLE	6							
3	1	105010-11490	CAP, VALVE	6							
4	1	119717-11740	HEAD ASSY, CYLINDER	1							
11	2	119285-11990	PLUG, 35	2							
12	2	23876-005000	PLUG, R005	1							
13	2	119717-11101	VALVE, INTAKE	3							
14	2	119717-11110	VALVE, EXHAUST	3							
15	2	119717-11131	SPRING, VALVE	6							
16	2	129508-11180	RETAINER, SPRING	6							
17	2	119717-11190	COTTER	12							
18	2	119717-11340	SEAL, VALVE STEM	3							
19	2	119717-11350	SEAL, VALVE STEM	3							
20	1	22351-060012	PIN, SPRING 6.0X12	2							
21	1	119717-11200	SUPPORT ASSY, ARM	1							
22	2	119717-11240	SHAFT ASSY, ROCKER	1							
25	2	119717-11260	SUPPORT, ROCKER ARM	3							
26	2	119620-11280	SPRING	2							
27	2	119717-11650	ARM, ROCKER	6							
28	3	129150-11230	SCREW, VALVE ADJUST	6							
30	3	129150-11750	NUT, M8	6							
31	2	22242-000120	RING, 12	2							
32	2	26979-050162	SCREW, M5X16	1							
33	1	26106-080402	BOLT, M8X 40 PLATED	3							
34	1	124160-01751	COVER, FILLER	1							
35	1	119717-11381	BONNET ASSY, HEAD	1							
36	2	119717-03031	PLATE	1							
37	3	119717-03070	BAFFLE, BREATHER	1							
38	2	119717-03070	BAFFLE, BREATHER	2							
39	2	119802-03100	DIAPHRAGM ASSY	1							
40	3	119802-03110	PLATE	1							
41	3	119802-03121	COVER, DIAPHRAGM	1							
42	3	119802-03131	DIAPHRAGM	1							
43	3	119802-03141	SPRING, DIAPHRAGM	1							
45	2	119718-11310	GASKET, BONNET	1							
46	2	119717-11320	COVER, BONNET	1							
47	2	119717-11331	GASKET	1							
48	2	22857-500100	SCREW, 5X10	4							
49	2	22857-500100	SCREW, 5X10	4							
50	2	22857-500160	SCREW, 5X16	2							
51	1	24311-000320	O-RING, 1AP32.0	1							
52	1	26106-060202	BOLT, M6X 20 PLATED	3							
53	1	26106-060752	BOLT, M6X 75 PLATED	6							
54	1	129900-07900	LIFTER	1							
55	1	26106-080162	BOLT, M8X 16 PLATED	2							
56	1	119717-77800	PLUG, GLOW	3							
57	1	119717-77820	CONNECTOR, GLOW PLUG	1							
58	1	119717-11800	GUIDE, VALVE	6							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.5. AIR CLEANER

(D)=
(E)=

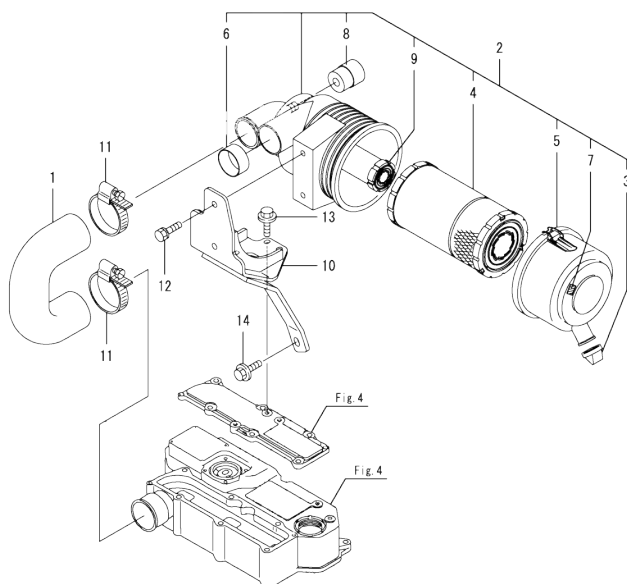
(D)=
(E)=
(F)=

(C)

unusable

CO., L.

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119761-12020	PIPE, AIR INTAKE	1							
2	1	119515-12530	CLEANER ASSY, AIR	1							
3	2	119808-12540	VALVE, UNLOADER	1							
4	2	119655-12560	ELEMENT	1							
5	2	119336-12570	COVER ASSY	1							
6	2	105027-12580	RING	1							
7	2	129612-12650	LABEL, MARKING	1							
8	2	126650-12680	INDICATOR	1							
9	2	119233-12700	ELEMENT	1							
10	1	119761-12540	SUPPORT, AIR CLEANER	1							
11	1	23000-054000	CLAMP, 54	2							
12	1	26013-080222	BOLT, M8X 22	2							
13	1	26106-060142	BOLT, M6X 14 PLATED	3							
14	1	26106-080162	BOLT, M8X 16 PLATED	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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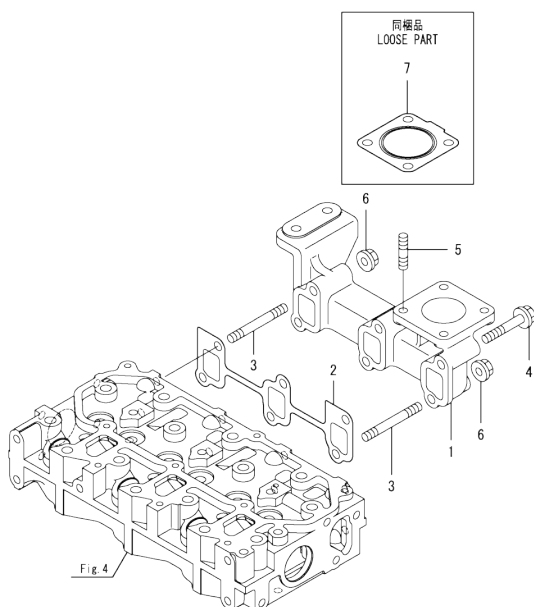
Fig.6. EXHAUST MANIFOLD

(D)=
(E)=

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

(C) (1)

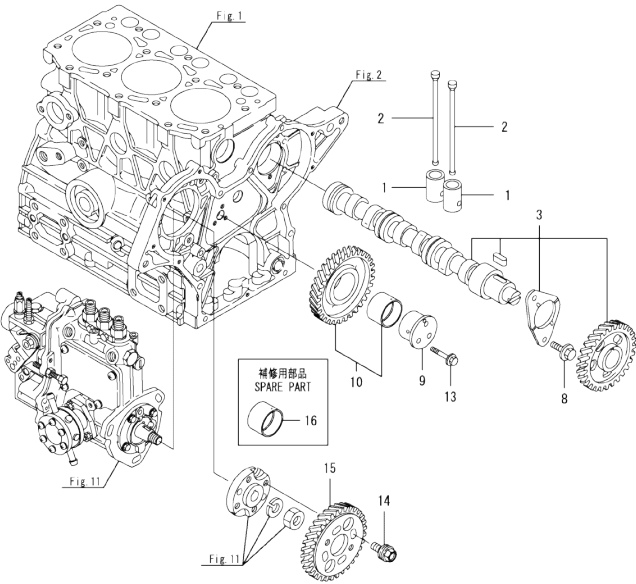
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119717-13109	MANIFOLD, EXHAUST	1							
2	1	119717-13110	GASKET	1							
3	1	119717-13600	STUD, M8X50	2							
4	1	119802-13620	BOLT, M8X50	4							
5	1	119131-18320	STUD, M8X22	4							
6	1	26306-080002	NUT, M8	2							
7	1	119515-13200	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.7. CAMSHAFT & DRIVING GEAR



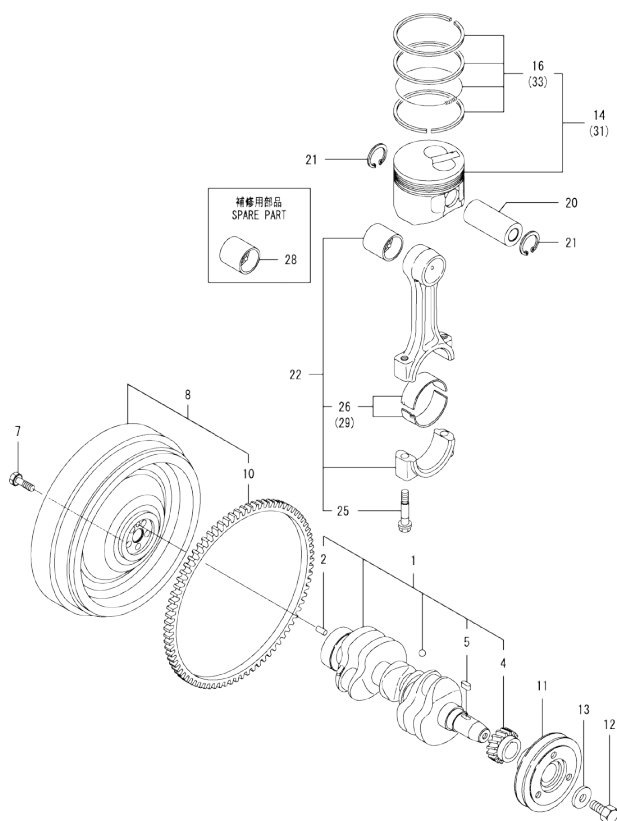
Remarks
(1)Spare part.

(A)=3TNV76-GGEA
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119620-14200	TAPPET	6							
2	1	119717-14400	ROD, PUSH	6							
3	1	119717-14581	CAMSHAFT ASSY	1							
8	1	26106-060122	BOLT, M6X 12 PLATED	2							
9	1	119717-25050	SHAFT, IDLE	1							
10	1	119717-25101	GEAR ASSY, IDLE	1							
13	1	26106-060352	BOLT, M6X 35 PLATED	3							
14	1	129150-25301	BOLT	4							
15	1	119717-25930	GEAR, PUMP	1							
16	1	119717-25911	BUSH, IDLE GEAR	1							1

Fig.8. CRANKSHAFT & PISTON



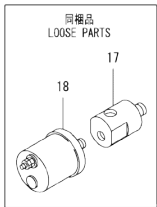
(1) Spare part.
(2) Under-sized (U.S.=0.25) part.
(3) Over-sized (O.S.=0.25) part.

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

No.	Lev.	Parts No.	Description	(A)=3TNV76-GGEA						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
4	2	119717-21200	GEAR, CRANKSHAFT	1							
5	2	22512-040120	KEY, 4X 12	1							
7	1	121111-21501	BOLT, FLYWHEEL	5							
8	1	119746-21570	FLYWHEEL ASSY	1							
10	2	119865-21600	GEAR, RING	1							
11	1	119717-21650	V-PULLEY	1							
12	1	119621-21681	BOLT, FLANGE 12X1.25	1							
13	1	119620-21941	WASHER	1							
14	1	119717-22080	PISTON ASSY	3							
16	2	119717-22500	RING SET, PISTON	3							
20	1	119717-22300	PIN, PISTON	3							
21	1	22252-000220	RING, 22	6							
22	1	119717-23000	ROD ASSY, CONNECTING	3							
25	2	119717-23200	BOLT, CONNECTING ROD	6							
26	2	119717-23601	BEARING, CRANK PIN	3							
28	1	119717-23910	BEARING, PISTON PIN	3							
29	1	119717-23611	METAL ASSY, 0.25	3							1
31	1	119717-22090	PISTON ASSY, 0.25 OS	3							3
33	2	119717-22550	RING SET, 0.25 OS	3							

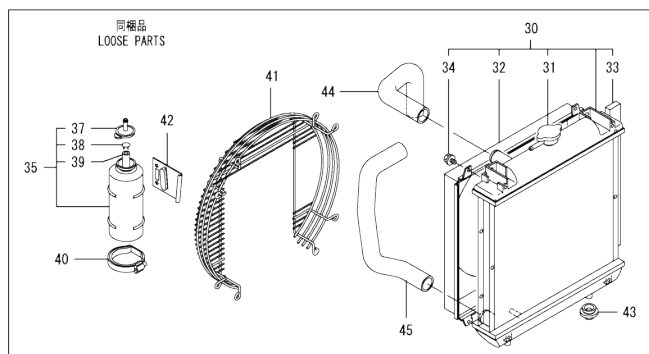
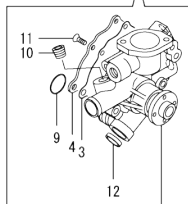
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Fig.9. LUB. OIL SYSTEM



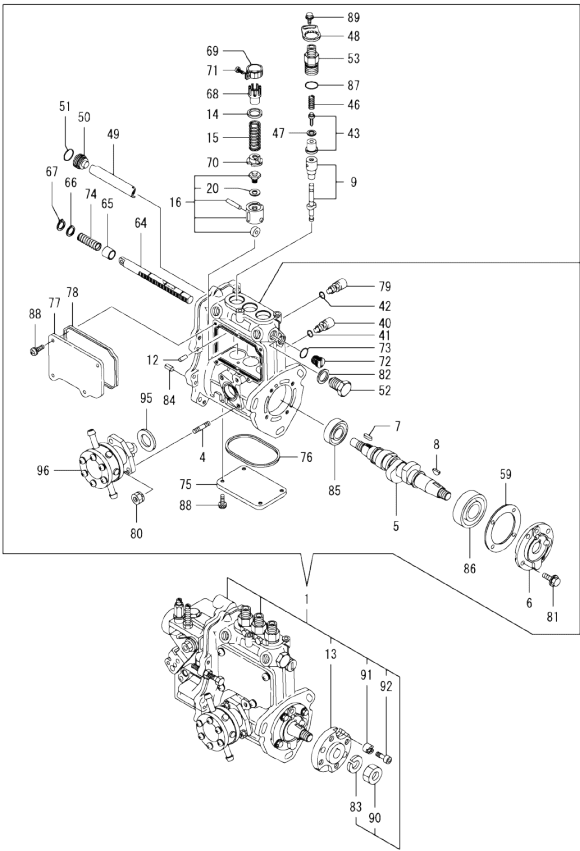
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No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119E10-42000	PUMP ASSY, WATER	1							
3	2	119717-42031	GASKET	1							
4	2	119717-42041	COVER	1							
9	2	119C10-42320	O-RING, 208	1							
10	2	129916-49740	PLUG, R03	1							
11	2	26577-060122	SCREW, M6X12	4							
12	2	27241-250000	PLUG, 25	1							
13	1	119717-42020	GASKET, WATER PUMP	1							
14	1	23414-080000	GASKET, 8X1.0	1							
15	1	26106-080122	BOLT, M8X 12 PLATED	1							
16	1	26106-080502	BOLT, M8X 50 PLATED	3							
17	1	119717-42350	V-PULLEY, D=100	1							
18	1	25132-003600	V-BELT, A36	1							
19	1	171340-44740	FAN, COOLING D335XNF	1							
20	1	129457-44760	SPACER, FAN	1							
21	1	26106-060452	BOLT, M6X 45 PLATED	4							
22	1	129350-49530	COVER, THERMOSTAT	1							
23	1	119717-49800	THERMOSTAT, 71	1							
24	1	26106-080202	BOLT, M8X 20 PLATED	2							
25	1	171056-49120	PLUG, DRAIN	1							
26	1	121250-44901	SWITCH, 110	1							
27	1	124465-44950	GASKET, 16	1							
28	1	124250-49351	SENSOR	1							
29	1	129150-49360	GASKET	1							
30	1	119802-44500	RADIATOR ASSY	1							
31	2	129107-44590	CAP, RADIATOR	1							
32	2	119802-44600	SHROUD	1							
33	2	119515-44610	GASKET	2							
34	2	26014-060122	BOLT, M6X 12	4							
35	1	124450-44510	TANK ASSY, SUB	1							
37	2	124450-44530	CAP	1							
38	2	124450-44560	RETAINER	1							
39	2	23061-070230	PIPE, 7X 230	1							
40	1	124450-44550	BAND	1							
41	1	119802-44560	GUARD	1							
42	1	121256-44600	BRACKET, SUB TANK	1							
43	1	119255-44660	ABSORBER	2							
44	1	119802-49010	PIPE, WATER	1							
45	1	119802-49020	PIPE, WATER	1							

Fig.11. FUEL INJECTION PUMP



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

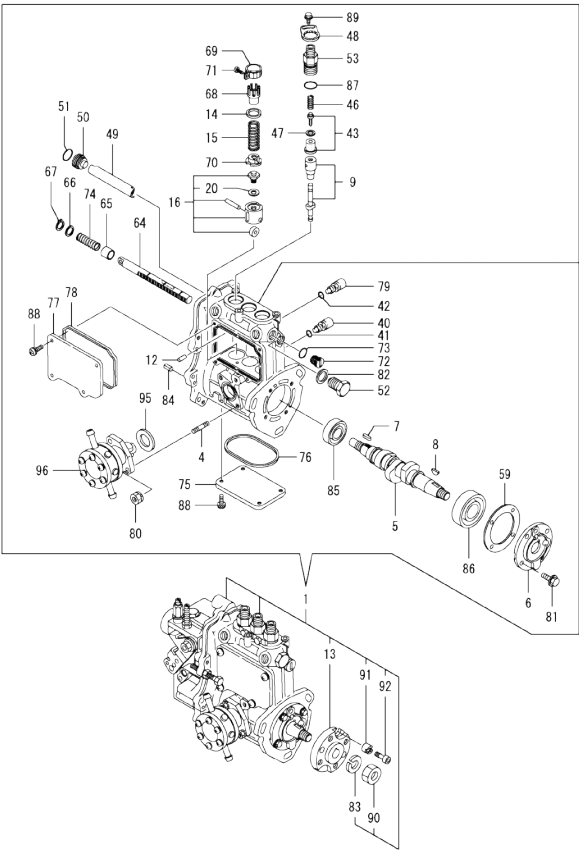
(A)=3TNV76-GGEA
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719746-51350	PUMP ASSY, INJECTION	1							1
4	2	129155-51020	STUD		2						
5	2	119717-51030	CAMSHAFT	1							
6	2	119717-51060	SUPPORT, CAMSHAFT	1							
7	2	119717-51070	KEY	1							
8	2	122710-51090	KEY	1							
9	2	119717-51100	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	119717-51200	TAPPET ASSY	3							
20	3	129155-51600	SHIM SET, ADJUSTING	3							
40	2	158600-51270	STOPPER, TAPPET	3							
41	2	129155-51280	O-RING, S6	3							
42	2	129155-51280	O-RING, S6	1							
43	2	119717-51300	VALVE ASSY, DELIVERY	3							
46	2	119717-51330	SPRING, DELIVERY	3							
47	2	124550-51350	GASKET, DELIVERY	3							
48	2	119125-51370	RETAINER	3							
49	2	129155-51400	DEFLECTOR	1							
50	2	158600-51410	PLUG, DEFLECTOR	1							
51	2	119717-51420	O-RING	1							
52	2	158600-51420	PLUG, DEFLECTOR	1							
53	2	158600-51442	VALVE ASSY, DELIVERY	3							
59	2	129155-51450	SHIM SET, ADJUSTING	1							
64	2	119717-51500	RACK, CONTROL	1							
65	2	119025-51520	BUSH, RACK	1							
66	2	129155-51530	SPACER	1							
67	2	129155-51540	CIRCLIP	1							
68	2	129155-51550	PINION, CONTROL	3							
69	2	129100-51560	PINION	3							
70	2	119717-51570	RETAINER, SPRING	3							
71	2	129100-51570	SCREW	3							
72	2	158600-51570	PLUG	1							
73	2	129155-51580	O-RING	1							
74	2	129155-51591	SPRING, RACK	1							
75	2	129155-51701	COVER	1							
76	2	119717-51711	GASKET	1							
77	2	119717-51750	COVER	1							
78	2	119717-51761	GASKET	1							
79	2	158600-51790	STOOPER, RACK	1							
80	2	119717-51860	NUT, M6	2							
81	2	119125-51900	BOLT, 6 X 14	4							
82	2	22190-160002	WASHER, SEAL 16	1							
83	2	22217-120000	WASHER, SPRING 12	1							
84	2	22351-050010	PIN, SPRING 5.0X10	2							
85	2	24101-060034	BEARING, BALL 6003	1							
86	2	24101-063034	BEARING, BALL 6303	1							
87	2	24316-000150	O-RING, 4DP15.0	3							
88	2	26022-050122	SCREW, M5X12	8							

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.11. FUEL INJECTION PUMP



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

(A)=3TNV76-GGEA
(B)=
(C)=

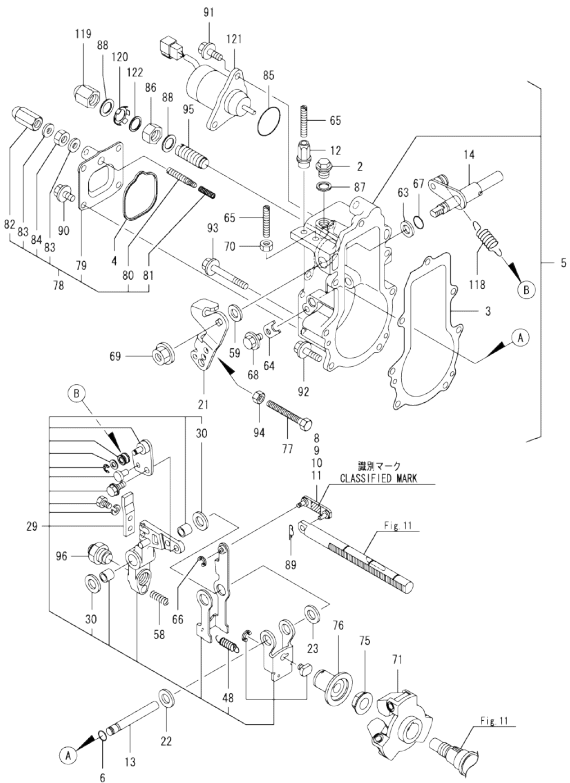
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
89	2	26106-050102	BOLT, M5X 10 PLATED	3							
90	2	26716-120002	NUT, M12	1							
91	2	119717-51480	COLLAR	1							
92	2	119717-51490	BOLT	1							
95	2	129155-52051	GASKET	1							
96	2	129100-52101	PUMP ASSY, FUEL FEED	1							

Fig.12. GOVERNOR

(A)=3TNV76-GGEA
(B)=
(C)=

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

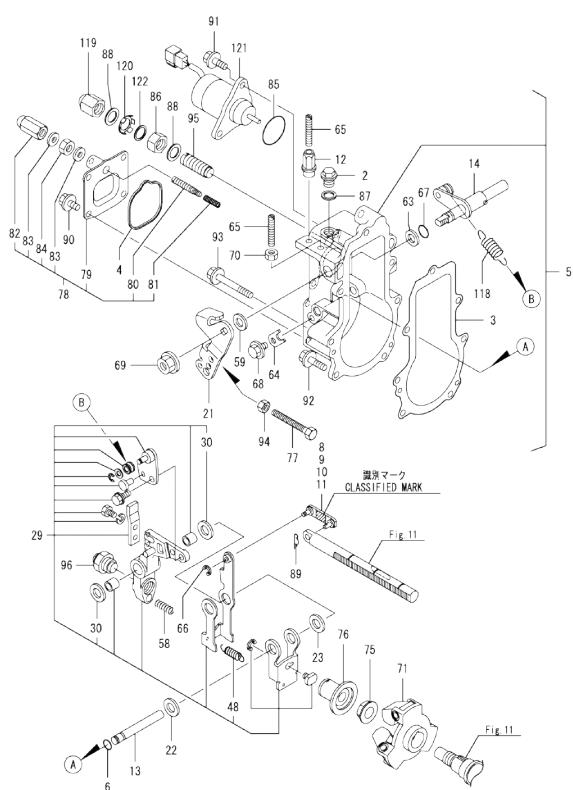


Remarks
*This figure(Governor)is incorporated
in the Fuel Injection Pump (Fig.11).
(1)Selective parts, mark: 3
(2)Selective parts, mark: 98
(3)Selective parts, mark: 88
(4)Selective parts, mark: 03

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119717-51930	PLUG,M10	1							
3	2	119717-61050	GASKET	1							
4	2	119717-61070	GASKET	1							
5	2	119746-61100	CASE ASSY, GOVERNOR	1							
6	3	129155-61280	O-RING, S6	1							
8	3	119717-61120	LINK, MARK :3	1							1
9	3	119717-61130	LINK, MARK 98	1							2
10	3	119717-61140	LINK, MARK 88	1							3
11	3	119717-61150	LINK, MARK 03	1							4
12	3	129209-61370	NUT, M6	1							
13	3	129052-61390	SHAFT	1							
14	3	119717-61400	SHAFT ASSY	1							
21	3	119746-61440	LEVER, CONTROL	1							
22	3	129156-61460	SHIM, T=0.6	1							
23	3	129155-61480	SPACER ASSY	1							
29	3	119746-61500	LEVER ASSY, GOVERNOR	1							
30	4	174307-51700	SHIM SET	2							
48	4	129486-61540	SPRING, SET	1							
58	3	129486-61650	SPRING, STARTING	1							
59	3	158552-61700	SHIM SET	1							
63	3	158552-61710	SHIM, T=1.0	1							
64	3	119660-61901	RETAINER, SHAFT	1							
65	3	121575-66830	SCREW	2							
66	3	22272-000030	RING, E- 3	1							
67	3	24341-000070	O-RING, 1AS7.0	1							
68	3	26106-060102	BOLT, M6X 10 PLATED	1							
69	3	26366-080002	NUT, M8	1							
70	3	26756-060002	NUT, LOCK M6	1							
71	2	119717-61201	WEIGHT ASSY,GOVERNOR	1							
75	2	129008-61301	NUT	1							
76	2	129155-61341	SLEEVE	1							
77	2	129155-61460	BOLT, IDLE	1							
78	2	119746-61600	COVER ASSY	1							
79	3	119746-61060	COVER, GOVERNOR CASE	1							
80	3	119645-61070	SCREW	1							
81	3	119746-61080	SPRING	1							
82	3	119600-66840	NUT, CAP	1							
83	3	22190-060003	SEAL WASER 6	2							
84	3	26756-060002	NUT, LOCK M6	1							
85	2	158552-61900	O-RING	1							
86	2	129209-61920	NUT, ARB	1							
87	2	22190-100002	WASHER, SEAL 10	1							
88	2	22190-120002	WASHER, SEAL 12	2							
89	2	22372-040000	PIN, SNAP 4	1							
90	2	26106-060102	BOLT, M6X 10 PLATED	4							
91	2	26106-060142	BOLT, M6X 14 PLATED	2							
92	2	26106-060202	BOLT, M6X 20 PLATED	4							
93	2	26106-060452	BOLT, M6X 45 PLATED	3							
94	2	26756-060002	NUT, LOCK M6	1							
95	2	120323-61470	BOLT, CONTROL	1							
96	2	119746-61550	ANGLEICH ASSY	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.12. GOVERNOR



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

- (1) Selective parts, mark; 3
(2) Selective parts, mark; 98
(3) Selective parts, mark; 88
(4) Selective parts, mark; 03

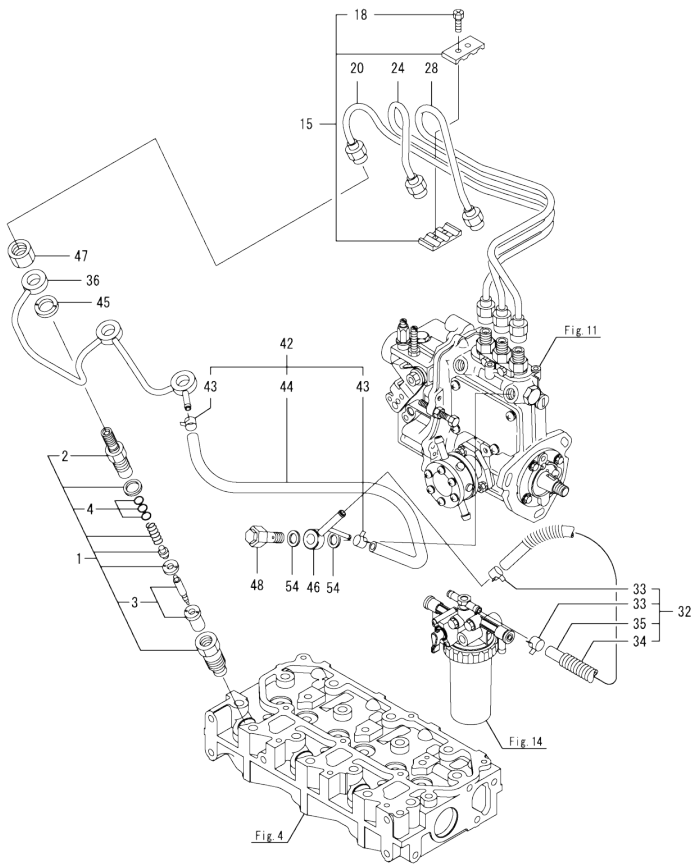
(A)=3TNV76-GGEA
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
118	2	119746-61700	SPRING, GOVERNOR	1							
119	2	129209-61930	NUT, CAP	1							
120	2	129209-61970	PLATE	1							
121	2	119653-77950	SOLENOID, STOP	1							
122	2	23414-120016	GASKET, 12X1.0	1							

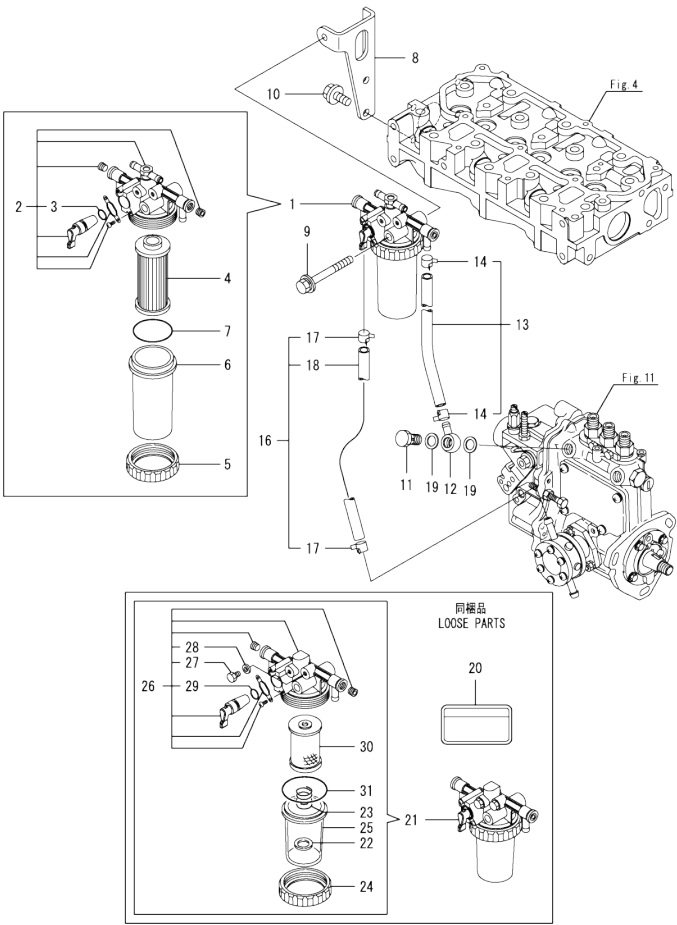
N:Old $\frac{\text{Yes}}{\text{No}}$ New. Q:Old $\frac{\text{No}}{\text{Yes}}$ New. R:Old $\frac{\text{Yes}}{\text{Yes}}$ New. S:Old $\frac{\text{No}}{\text{No}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

0CW10-M73500 3TNV76-GGEA
Fig.13. FUEL INJECTION VALVE



													0CW10-M73500		Fig.13					
													(A)=3TNV76-GGEA		(D)=					
													(B)=		(E)=					
													(C)=		(F)=					
													Q'ty							
No.	Lev.	Parts No.	Description										(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119717-53001	VALVE ASSY,INJECTION										3							
2	2	118200-53010	HOLDER, NOZZLE										3							
3	2	119717-53010	VALVE ASSY,INJECTION										3							
4	2	129901-53800	SHIM SET, ADJUSTING										3							
15	1	129150-59120	RETAINER, PIPE										1							
18	2	129150-59131	BOLT, M4X14										2							
20	1	119717-59810	PIPE ASSY, INJECTION										1							
24	1	119717-59820	PIPE ASSY, INJECTION										1							
28	1	119717-59830	PIPE ASSY, INJECTION										1							
32	1	129956-59010	PIPE ASSY, FUEL										1							
33	2	124766-59050	CLIP, HOSE 12										2							
34	2	129957-59101	TUBE, CORRUGATED										1							
35	2	105225-59511	PIPE, FUEL										1							
36	1	119717-59510	PIPE ASSY, RETURN										1							
42	1	119744-59560	PIPE ASSY, RETURN										1							
43	2	124066-59100	CLIP, HOSE 8										2							
44	2	119744-59570	PIPE, FUEL RETURN										1							
45	1	129901-59560	GASKET										3							
46	1	119740-59590	JOINT, OVER FLOW										1							
47	1	119620-59700	NUT, NOZZLE										3							
48	1	119813-59950	VALVE ASSY, CHECK										1							
54	1	22190-120002	WASHER, SEAL 12										2							

Fig.14. FUEL LINE

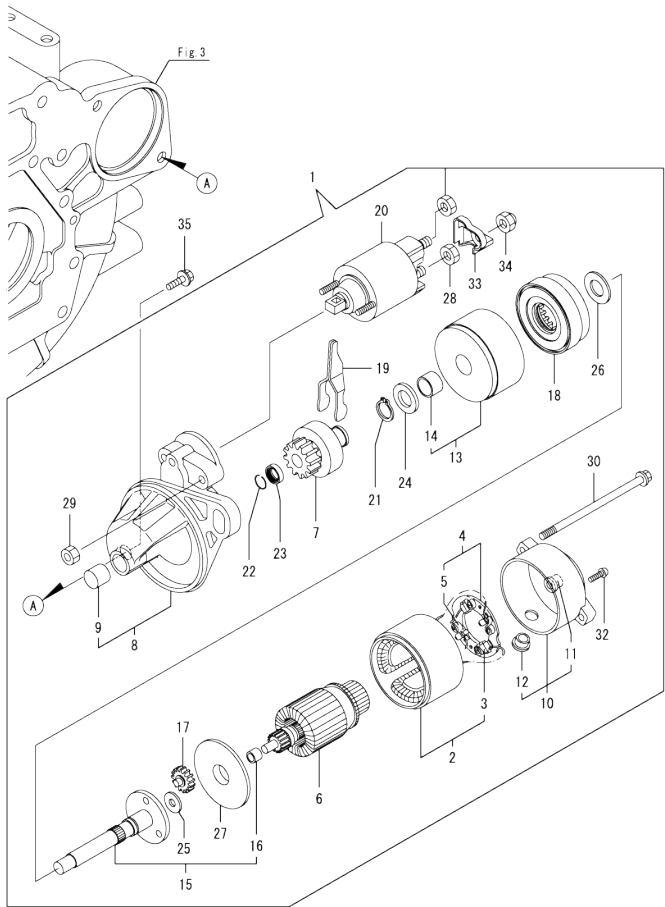


(A)=3TNV76-GGEA
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119833-55630	FILTER ASSY, FUEL	1							
2	2	119833-55640	BODY ASSY, FILTER	1							
3	3	24311-000110	O-RING, 1AP11.0	1							
4	2	119833-55650	ELEMENT, FUEL	1							
5	2	119833-55660	RING, RETAINING	1							
6	2	119833-55670	BOWL, STRAINER	1							
7	2	24311-000440	O-RING, 1AP44.0	1							
8	1	119717-55650	BRACKET, FILTER	1							
9	1	26014-080702	BOLT, M8X 70	1							
10	1	26106-080162	BOLT, M8X 16 PLATED	2							
11	1	103854-39140	BOLT, PIPE JOINT	1							
12	1	101304-59020	JOINT, PIPE 12	1							
13	1	129210-59080	PIPE ASSY, FUEL	1							
14	2	124766-59050	CLIP, HOSE 12	2							
16	1	129210-59170	PIPE ASSY, FUEL	1							
17	2	124766-59050	CLIP, HOSE 12	2							
18	2	105225-59511	PIPE, FUEL	1							
19	1	22190-120002	WASHER, SEAL 12	2							
20	1	114110-07761	LABEL, FUEL OIL CAUT	1							
21	1	129335-55750	SEPARATOR ASSY, WATER	1							
22	2	129053-55640	FLOAT	1							
23	2	129053-55650	SPRING, SCREEN	1							
24	2	119833-55660	RING, RETAINING	1							
25	2	129335-55740	CUP	1							
26	2	129335-55770	BODY ASSY	1							
27	3	129242-55750	VALVE, AIR VENT	2							
28	3	129242-55760	GASKET	2							
29	3	24311-000110	O-RING, 1AP11.0	1							
30	2	129335-55780	ELEMENT ASSY	1							
31	2	24311-000440	O-RING, 1AP44.0	1							

0CW10-M73500 3TNV76-GGEA
Fig.15. STARTING MOTOR

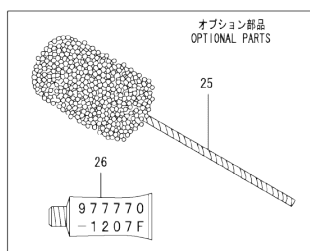
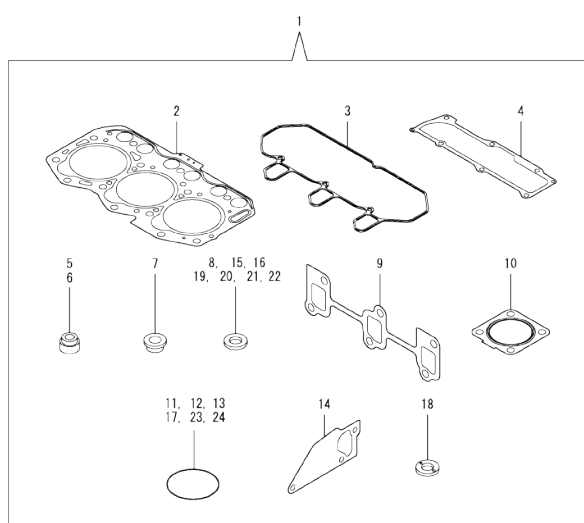


										0CW10-M73500 Fig.15	
										(A)=3TNV76-GGEA	
										(D)=	
										(E)=	
										(F)=	
										Q'ty	
										I R	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-77010	STARTER, P1.1	1							
2	2	X0281007750	YOKE ASSY	1							
3	3	X0280996180	STARTER KIT	2							
4	2	X0285105190	HOLDER ASSY	1							
5	3	X0285205030	SPRING	4							
6	2	X0282005991	ARMATURE ASSY	1							
7	2	X0283006960	CLUTCH ASSY	1							
8	2	X4284001590	HOUSING ASSY,STARTER	1							
9	3	X9491050100	BEARING, NEEDLE	1							
10	2	X0285007030	FRAME ASSY.	1							
11	3	X9491040990	BEARING	1							
12	3	X0280626010	COVER	1							
13	2	X0284105040	BEARING ASSY	1							
14	3	X9491034330	BEARING	1							
15	2	X0286105010	SHAFT ASSY	1							
16	3	X9491034320	BEARING	1							
17	2	X0286305010	GEAR	3							
18	2	X0286355010	GEAR	1							
19	2	X0287405140	LEVER	1							
20	2	X0534007800	SWITCH ASSY	1							
21	2	X9055715000	RING	1							
22	2	X9490721360	RING	1							
23	2	X0280210331	NUT	1							
24	2	X9490138110	WASHER	1							
25	2	X9490138090	WASHER	1							
26	2	X9490138100	WASHER	1							
27	2	X0284525010	PLATE	1							
28	2	X9490562360	NUT	1							
29	2	X9490560750	NUT	2							
30	2	X9490423420	BOLT, THROUGH	2							
32	2	X9490065670	SCREW, M4X6	2							
33	2	X0280335350	COVER, TERMINAL	1							
34	2	X1289510130	NUT	1							
35	1	26106-100252	BOLT, M10X 25 PLATED	2							

(A)=3TNV76-GGEA
(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, BEARING	1							
6	2	119620-77421	FRAME ASSY, DRIVE	1							
7	3	119620-79200	BALL BEARING	1							
8	3	119620-79210	PLATE, RETAINER	1							
9	3	119620-79220	SCREW	4							
10	3	119620-79230	STUD	2							
11	2	119620-77440	FLAME ASSY, REAR	1							
12	2	119620-77461	PULLEY	1							
13	2	119620-77471	NUT	1							
14	2	119620-77490	COLLAR	1							
15	2	129423-77710	REGULATOR ASSY	1							
16	2	119620-79260	HOLDER	1							
17	2	129052-79270	HOLDER, BRUSH	1							
18	3	119620-77480	BRUSH ASSY	2							
19	3	119620-79280	SPRING	2							
20	2	119620-79290	SCREW	6							
21	2	119620-79300	SCREW	1							
22	2	129240-79300	COVER	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	26106-100452	BOLT, M10X 45 PLATED	1							
30	1	119940-77270	SPACER, GENERATOR	1							
31	1	119717-77340	ADJUSTER	1							
32	1	129972-77341	BOLT, ADJUSTER L=50	1							
33	1	26106-080202	BOLT, M8X 20 PLATED	1							
34	1	119643-66900	DIODE	1							
35	1	119650-77911	RELAY ASSY, GLOW	1							
38	1	129211-77920	TIMER	1							



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719747-92600	GASKET SET	1							1
2	2	119717-01331	GASKET, HEAD	1							
3	2	119718-11310	GASKET, BONNET	1							
4	2	119717-11331	GASKET	1							
5	2	119717-11340	SEAL, VALVE STEM	3							
6	2	119717-11350	SEAL, VALVE STEM	3							
7	2	129901-11450	PROTECTOR, NOZZLE	3							
8	2	119600-11460	GASKET, NOZZLE	6							
9	2	119717-13110	GASKET	1							
10	2	119515-13200	GASKET, SILENCER	1							
11	2	119624-32040	O-RING, P12.0	1							
12	2	119717-32050	O-RING, P17.0	3							
13	2	119717-32060	O-RING, P15.0	1							
14	2	119717-42020	GASKET, WATER PUMP	1							
15	2	124465-44950	GASKET, 16	1							
16	2	129150-49360	GASKET	1							
17	2	121850-51960	O-RING	1							
18	2	129901-59560	GASKET	3							
19	2	22190-080002	WASHER, SEAL 6	4							
20	2	22190-120002	WASHER, SEAL 12	4							
21	2	22190-160002	WASHER, SEAL 16	1							
22	2	23414-080000	GASKET, 8X1.0	1							
23	2	24311-000320	O-RING, 1AP32.0	2							
24	2	24341-000240	O-RING, 1AS24.0	1							
25	1	129400-92420	HONE	1							1
26	1	977770-1207F	GASKET.LIQUID	1							1

Remarks
(1)Optional parts.

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

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	14	12
103854-39140	14	11
105010-11490	4	3
105027-12580	5	6
105225-59511	13	35
	14	18
105311-01090	1	5
105425-01690	3	11
114110-07761	14	20
114250-39450	9	11
118200-53010	13	2
119025-51520	11	65
119125-51370	11	48
119125-51900	11	81
119131-18320	6	5
119233-12700	5	9
119255-44660	10	43
119285-01990	1	8
119285-11990	4	11
119305-35170	9	19
119336-12570	5	5
119515-12530	5	2
119515-13200	6	7
	17	10
119515-44610	10	33
119600-11460	4	2
	17	8
119600-66840	12	82
119620-01750	3	5
119620-02020	1	9
119620-11280	4	26
119620-14200	7	1
119620-21941	8	13
119620-59700	13	47
119620-77380	16	3
119620-77421	16	6
119620-77440	16	11
119620-77461	16	12
119620-77471	16	13
119620-77480	16	18
119620-77490	16	14
119620-79200	16	7
119620-79210	16	8
119620-79220	16	9
119620-79230	16	10
119620-79250	16	5
119620-79260	16	16
119620-79280	16	19
119620-79290	16	20
119620-79300	16	21

Parts No.	Fig. No.	Ref. No.
119620-79310	16	23
119620-79320	16	24
119620-79330	16	25
119620-79340	16	26
119620-79350	16	27
119620-79360	16	28
119621-21681	8	12
119623-01250	1	6
119624-32040	2	18
	17	11
119643-66900	16	34
119645-61070	12	80
119650-77911	16	35
119653-77950	12	121
119655-12560	5	4
119660-01911	2	17
119660-61901	12	64
119717-01331	1	27
	17	2
119717-01501	2	1
119717-01570	2	2
119717-01611	3	2
119717-01720	3	9
119717-01750	2	16
119717-01770	3	10
119717-01800	2	7
119717-02411	1	12
119717-02930	1	23
119717-03031	4	36
119717-03070	4	37
		38
119717-11101	4	13
119717-11110	4	14
119717-11131	4	15
119717-11190	4	17
119717-11200	4	21
119717-11240	4	22
119717-11260	4	25
119717-11320	4	46
119717-11331	4	47
	17	4
119717-11340	4	18
	17	5
119717-11350	4	19
	17	6
119717-11381	4	35
119717-11650	4	27
119717-11740	4	4
119717-11800	4	58
119717-13109	6	1

Parts No.	Fig. No.	Ref. No.
119717-13110	6	2
	17	9
119717-13600	6	3
119717-14400	7	2
119717-14581	7	3
119717-21200	8	4
119717-21650	8	11
119717-21700	8	1
119717-22080	8	14
119717-22090	8	31
119717-22300	8	20
119717-22500	8	16
119717-22550	8	33
119717-23000	8	22
119717-23200	8	25
119717-23601	8	26
119717-23611	8	29
119717-23910	8	28
119717-25050	7	9
119717-25101	7	10
119717-25911	7	16
119717-25930	7	15
119717-32050	2	19
	17	12
119717-32060	9	5
	17	13
119717-32080	2	9
119717-32100	2	8
119717-32110	2	13
119717-32120	2	14
119717-34801	9	1
119717-35080	9	6
119717-35140	9	3
119717-39210	9	12
119717-42020	10	13
	17	14
119717-42031	10	3
119717-42041	10	4
119717-42350	10	17
119717-49800	10	23
119717-51030	11	5
119717-51060	11	6
119717-51070	11	7
119717-51100	11	9
119717-51150	11	13
119717-51190	11	15
119717-51200	11	16
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