

0CW10-M76700EN

P R E F A C E

1. This parts catalog is the 1st edition of 3TNV76-GMF for MOSA.

Pub.No. : 0CW10-G76700

Published : October, 2012

2. Model name

Engine model	Vehicle	Vehicle made by
3TNV76-GMF	GENERATOR	MOSA

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

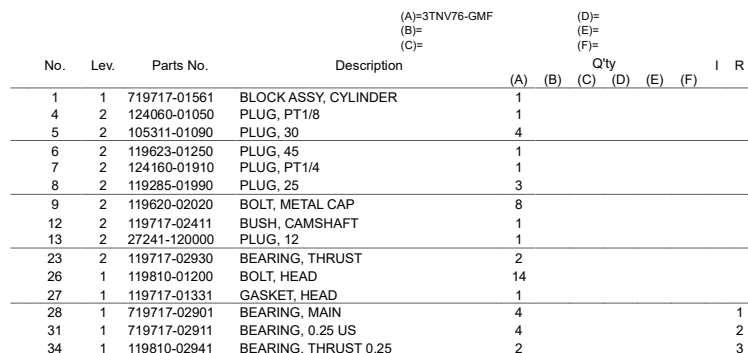
Figures or alphabets (symbols) are entered in the remarks column.

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
3TNV76-GMF			
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4.	CYLINDER HEAD & BONNET		
5.	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.	FUEL LINE		
14.	STARTING MOTOR		
15.	GENERATOR		
16.	GASKET SET		

Fig.1. CYLINDER BLOCK

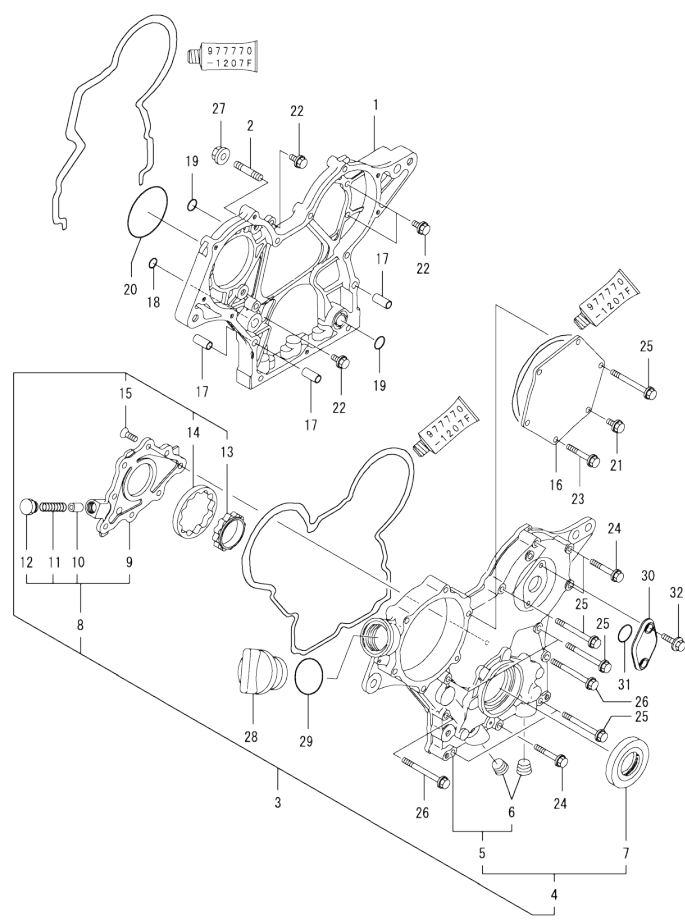


Remarks
(1) Spare part.
(2) Under-sized (U.S.=0.25) part.
(3) Over-sized (O.S.=0.25) part.

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

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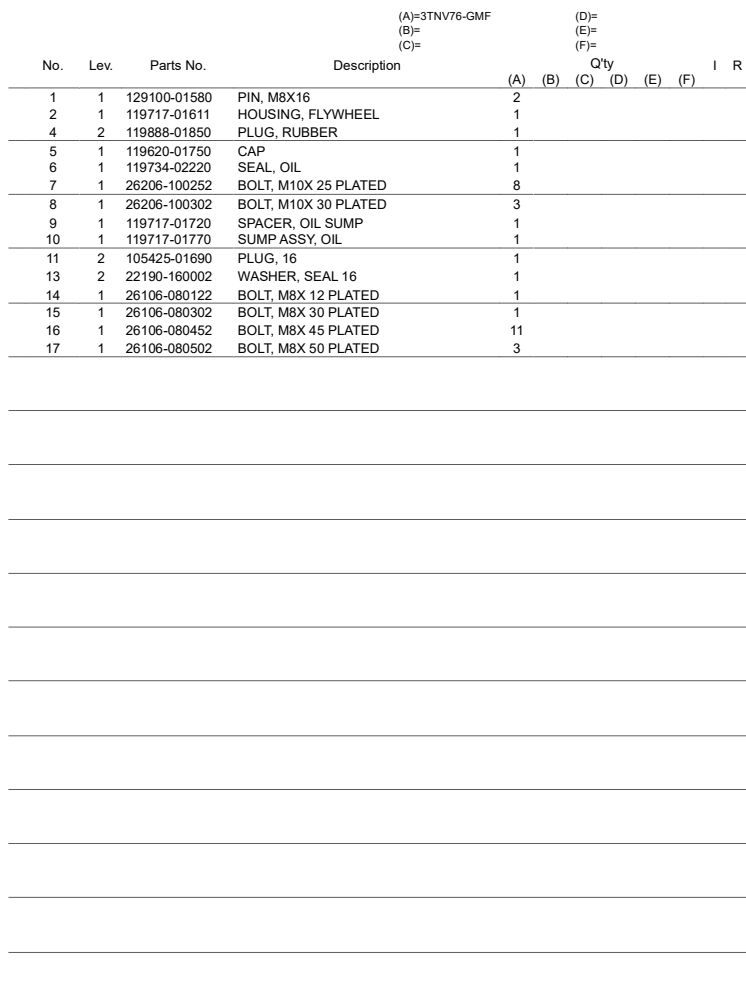
Fig.2. GEAR HOUSING



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-01501	CASE, GEAR	1							
2	1	119717-01570	STUD	3							
3	1	119734-01580	CASE ASSY, GEAR	1							
4	2	719734-01510	CASE ASSY, GEAR	1							
5	3	119744-01521	COVER, GEAR CASE	1							
6	4	23876-030000	PLUG, R03	2							
7	3	119717-01800	SEAL, OIL	1							
8	2	119717-32100	COVER ASSY	1							
9	3	119717-32080	COVER	1							
10	3	129900-32130	VALVE, RELIEF	1							
11	3	129001-32320	SPRING	1							
12	3	129001-32330	PLUG	1							
13	2	119717-32110	ROTOR, INNER	1							
14	2	119717-32120	ROTOR, OUTER	1							
15	2	119802-32130	SCREW, M6X16	8							
16	1	119717-01750	COVER	1							
17	1	119660-01911	PIPE, KNOCK	4							
18	1	119624-32040	O-RING, P12.0	1							
19	1	119717-32050	O-RING, P17.0	3							
20	1	121850-51960	O-RING	1							
21	1	26106-060122	BOLT, M6X 12 PLATED	1							
22	1	26106-060162	BOLT, M6X 16 PLATED	4							
23	1	26106-060402	BOLT, M6X 40 PLATED	4							
24	1	26106-060402	BOLT, M6X 40 PLATED	3							
25	1	26106-060602	BOLT, M6X 60 PLATED	7							
26	1	26106-060652	BOLT, M6X 65 PLATED	2							
27	1	26306-080002	NUT, M8	3							
28	1	124160-01751	COVER, FILLER	1							
29	1	24311-000320	O-RING, 1AP32.0	1							
30	1	121023-01551	COVER	1							
31	1	24341-000240	O-RING, 1AS24.0	1							
32	1	26106-060162	BOLT, M6X 16 PLATED	2							

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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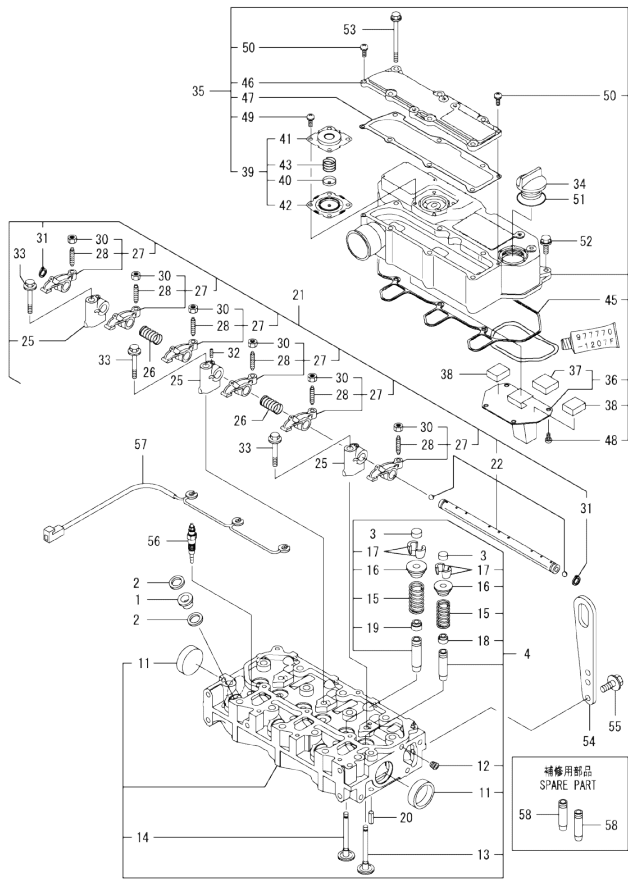
Fig.3. FLYWHEEL HOUSING & OIL SUMP



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

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Fig.4. CYLINDER HEAD & BONNET

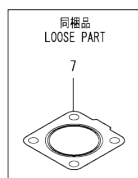


Remarks
(1)Spare part.

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	119717-77801	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. EXHAUST MANIFOLD



				(A)=3TNV76-GMF (B)= (C)=	(D)= (E)= (F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
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, M6X22	4							
6	1	26306-080002	NUT, M8	2							
7	1	119515-13200	GASKET, SILENCER	1							

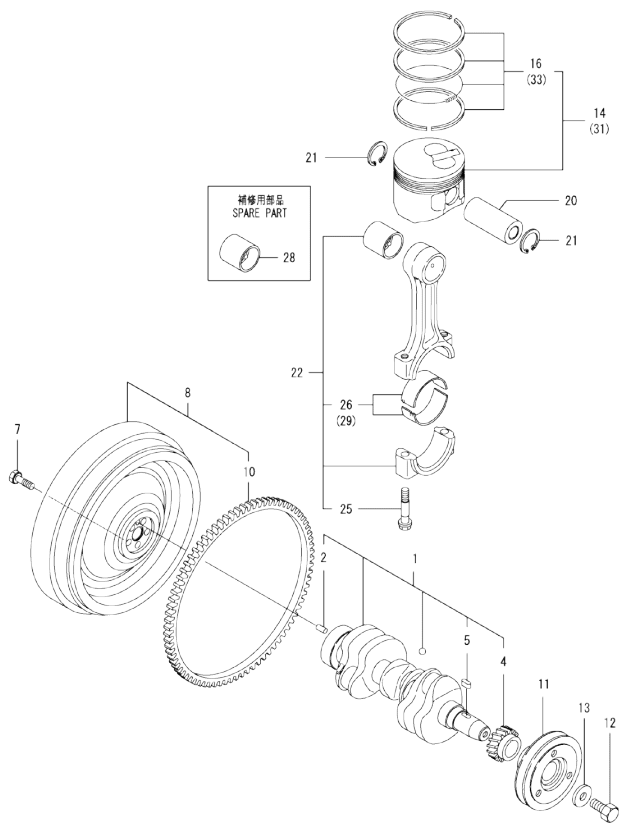
Fig.6. CAMSHAFT & DRIVING GEAR



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

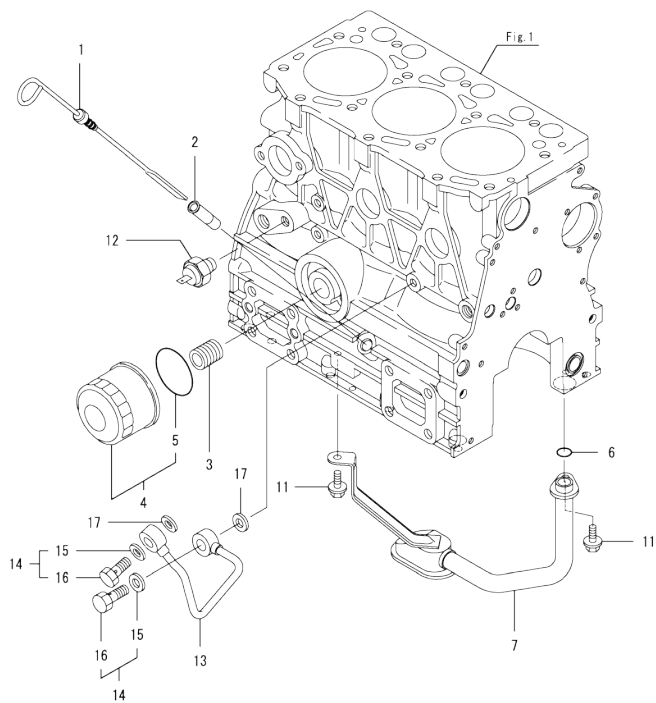
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Fig.7. CRANKSHAFT & PISTON



No.	Lev.	Parts No.	Description	Q'ty						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							1
29	1	119717-23611	METAL ASSY, 0.25	3							2
31	1	119717-22090	PISTON ASSY, 0.25 OS	3							3
33	2	119717-22550	RING SET, 0.25 OS	3							3

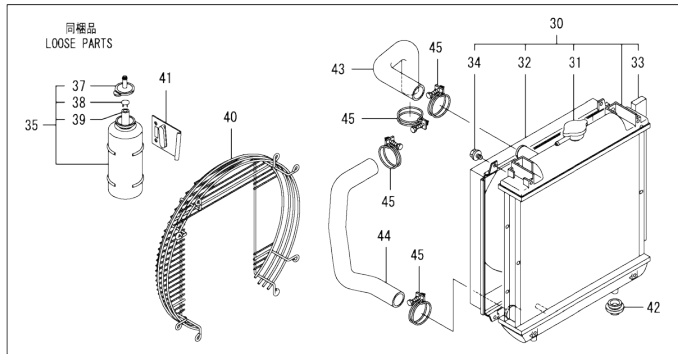
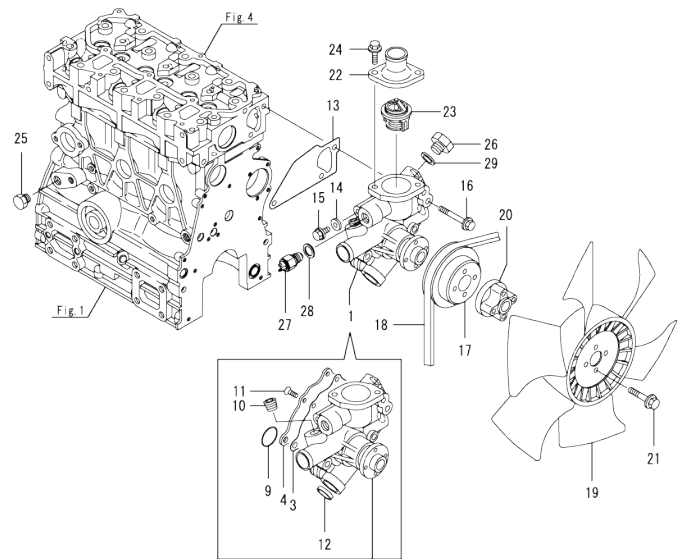
Fig.8. LUB.OIL SYSTEM



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-34801	DIPSTICK, OIL	1							
2	1	121520-34810	GUIDE, DIPSTICK	1							
3	1	119717-35140	BOLT	1							
4	1	119660-35150	FILTER, LUB. OIL	1							
5	2	124450-35110	O-RING	1							
6	1	119717-32060	O-RING, P15.0	1							
7	1	119717-35080	PIPE ASSY, OIL INLET	1							
11	1	26106-060102	BOLT, M6X 10 PLATED	2							
12	1	119761-39450	SWITCH, 0.5KG	1							
13	1	119717-39210	PIPE, OIL	1							
14	1	129005-59830	BOLT ASSY, JOINT M8	2							
15	2	22190-080002	WASHER, SEAL 6	2							
16	2	23857-030000	BOLT, JOINT 3	2							
17	1	22190-080002	WASHER, SEAL 6	2							

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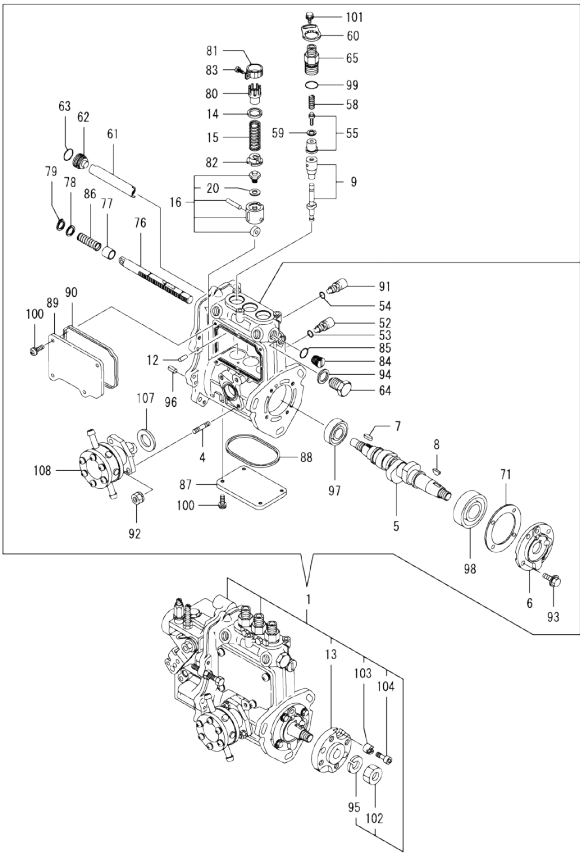
Fig.9. COOLING WATER SYSTEM



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119E10-42000	PUMP ASSY, WATER	1							
3	2	119717-42031	GASKET	1							
4	2	119717-42041	COVER	1							
9	2	119C10-42320	O-RING, 2028	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	121450-42450	PLUG, M16	1							
27	1	121250-44901	SWITCH, 110	1							
28	1	124465-44950	GASKET, 16	1							
29	1	124465-44950	GASKET, 16	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	119802-44560	GUARD	1							
41	1	121256-44600	BRACKET, SUB TANK	1							
42	1	119255-44660	ABSORBER	2							
43	1	119802-49010	PIPE, WATER	1							
44	1	119802-49020	PIPE, WATER	1							
45	1	23010-038000	CLAMP, 38	4							

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Fig.10. FUEL INJECTION PUMP



Remarks

(1)Governor(Fig.11)is incorporated in this Fuel Injection Pump (Ref.1).

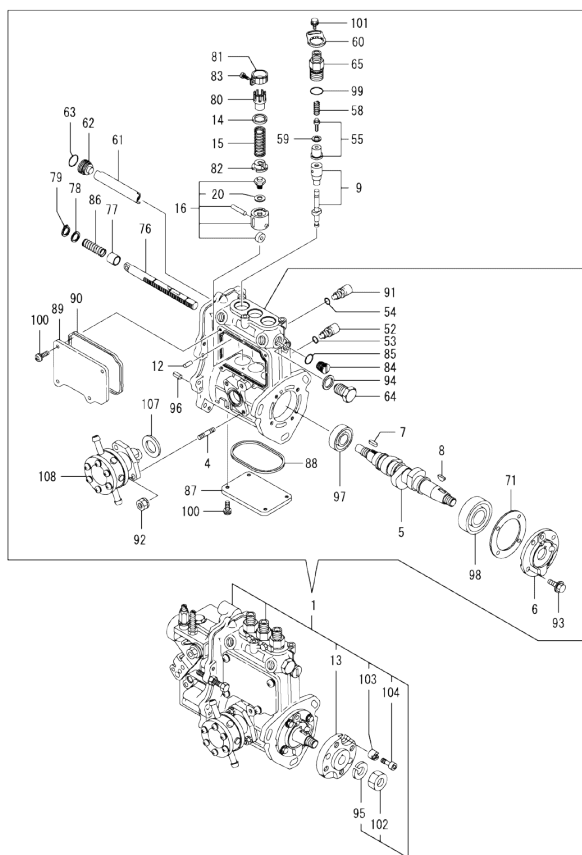
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719746-51350	PUMP ASSY, INJECTION	1							1
4	2	129155-51020	STUD	2							
5	2	119717-51030	CAMSHAFT	1							
6	2	119717-51060	SUPPORT, CAMSHAFT	1							
7	2	119717-51070	KEY	1							
8	2	122710-51090	KEY	1							
9	2	119717-51100	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							
52	2	158600-51270	STOPPER, TAPPET	3							
53	2	129155-51280	O-RING, S6	3							
54	2	129155-51280	O-RING, S6	1							
55	2	119717-51300	VALVE ASSY, DELIVERY	3							
58	2	119717-51330	SPRING, DELIVERY	3							
59	2	124550-51350	GASKET, DELIVERY	3							
60	2	119125-51370	RETAINER	3							
61	2	129155-51400	DEFLECTOR	1							
62	2	158600-51410	PLUG, DEFLECTOR	1							
63	2	119717-51420	O-RING	1							
64	2	158600-51420	PLUG, DEFLECTOR	1							
65	2	158600-51442	VALVE ASSY, DELIVERY	3							
71	2	129155-51450	SHIM SET, ADJUSTING	1							
76	2	119717-51500	RACK, CONTROL	1							
77	2	119025-51520	BUSH, RACK	1							
78	2	129155-51530	SPACER	1							
79	2	129155-51540	CIRCLIP	1							
80	2	129155-51550	PINION, CONTROL	3							
81	2	129100-51560	PINION	3							
82	2	119717-51570	RETAINER, SPRING	3							
83	2	129100-51570	SCREW	3							
84	2	158600-51570	PLUG	1							
85	2	129155-51580	O-RING	1							
86	2	129155-51591	SPRING, RACK	1							
87	2	129155-51701	COVER	1							
88	2	119717-51711	GASKET	1							
89	2	119717-51750	COVER	1							
90	2	119717-51761	GASKET	1							
91	2	158600-51790	STOOPER, RACK	1							
92	2	119717-51860	NUT, M6	2							
93	2	119125-51900	BOLT, 6 X 14	4							
94	2	22190-160002	WASHER, SEAL 16	1							
95	2	22217-120000	WASHER, SPRING 12	1							
96	2	22351-050010	PIN, SPRING 5.0X10	2							
97	2	24101-060034	BEARING, BALL 6003	1							
98	2	24101-063034	BEARING, BALL 6303	1							
99	2	24316-000150	O-RING, 4DP15.0	3							
100	2	26022-050122	SCREW, M5X12	8							

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

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Fig.10. FUEL INJECTION PUMP



Remarks

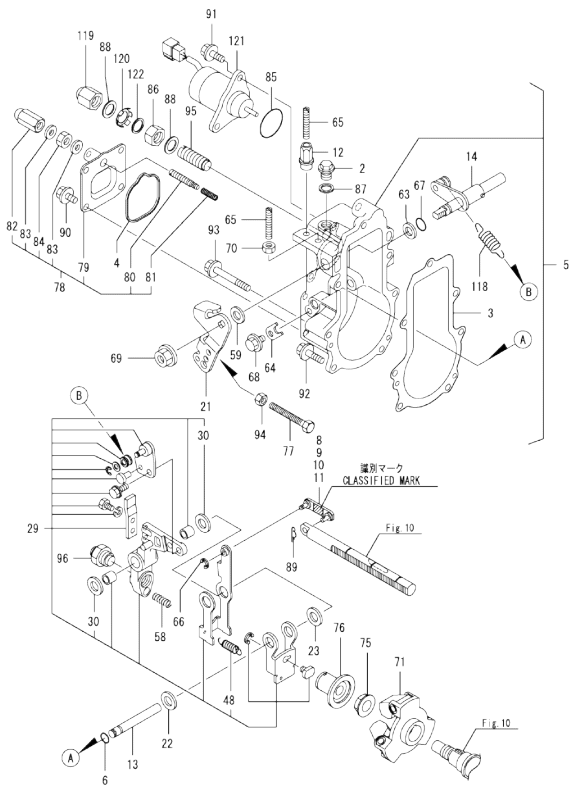
Remarks
(1) Governor (Fig. 11) is incorporated in this Fuel Injection Pump (Ref. 1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
101	2	26106-050102	BOLT, M5X 10 PLATED	3							
102	2	26716-120002	NUT, M12	1							
103	2	119717-51481	COLLAR, FIC FIX	1							
104	2	119717-51491	BOLT, FIXATION	1							
107	2	129155-52051	GASKET	1							
108	2	129100-52101	PUMP ASSY, FUEL FEED	1							

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

0CW10-M76700

Fig.11. GOVERNOR

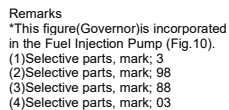


Remarks
*This figure(Governor)is incorporated
in the Fuel Injection Pump (Fig.10).
(1)Selective parts, mark; 3
(2)Selective parts, mark; 98
(3)Selective parts, mark; 88
(4)Selective parts, mark; 03

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							

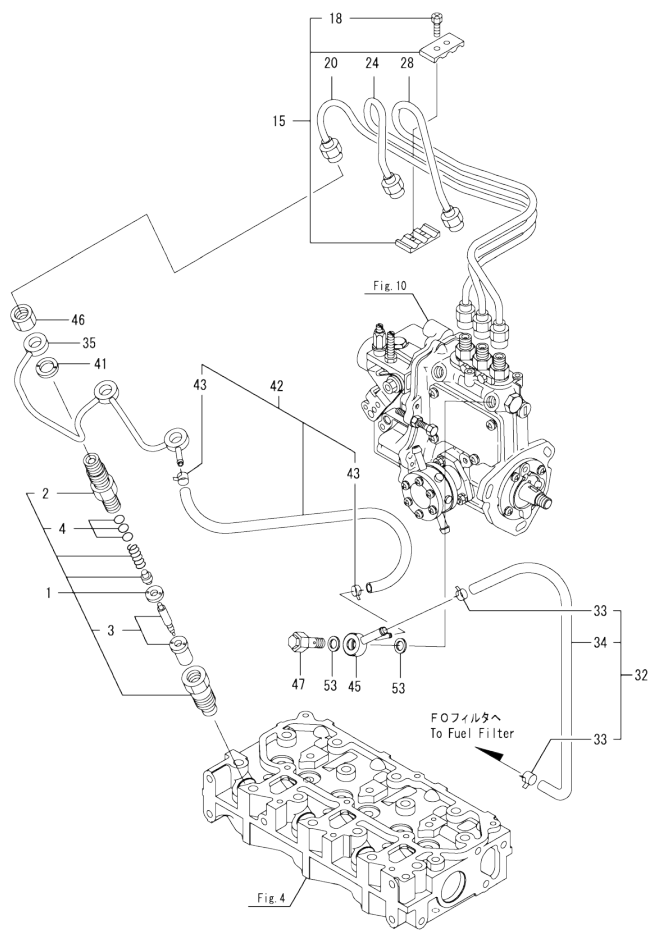
N:Old, New, Q:Old, New, R:Old, New, S:Old, New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.11. GOVERNOR

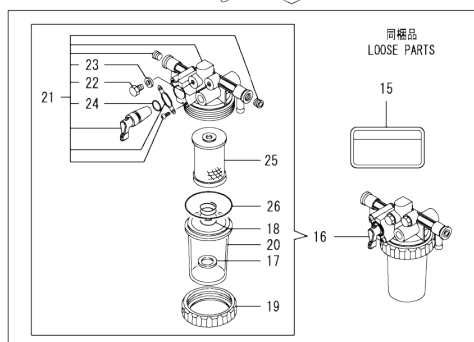


N:Old $\xleftrightarrow[\text{f/d}]{\text{h/e}}$ New, Q:Old $\xleftrightarrow[\text{v/c}]{\text{h/a}}$ New, R:Old $\xleftrightarrow[\text{v/c}]{\text{h/e}}$ New, S:Old $\xleftrightarrow[\text{f/g}]{\text{h/a}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.12. FUEL INJECTION VALVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	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	129210-59170	PIPE ASSY, FUEL	1							
33	2	124766-59050	CLIP, HOSE 12	2							
34	2	105225-59511	PIPE, FUEL	1							
35	1	119717-59510	PIPE ASSY, RETURN	1							
41	1	129901-59560	GASKET	3							
42	1	119540-59570	PIPE ASSY, RETURN	1							
43	2	124066-59100	CLIP, HOSE 8	2							
45	1	119840-59570	JOINT	1							
46	1	119620-59700	NUT, NOZZLE	3							
47	1	119813-59950	VALVE ASSY, CHECK	1							
53	1	22190-120002	WASHER, SEAL 12	2							

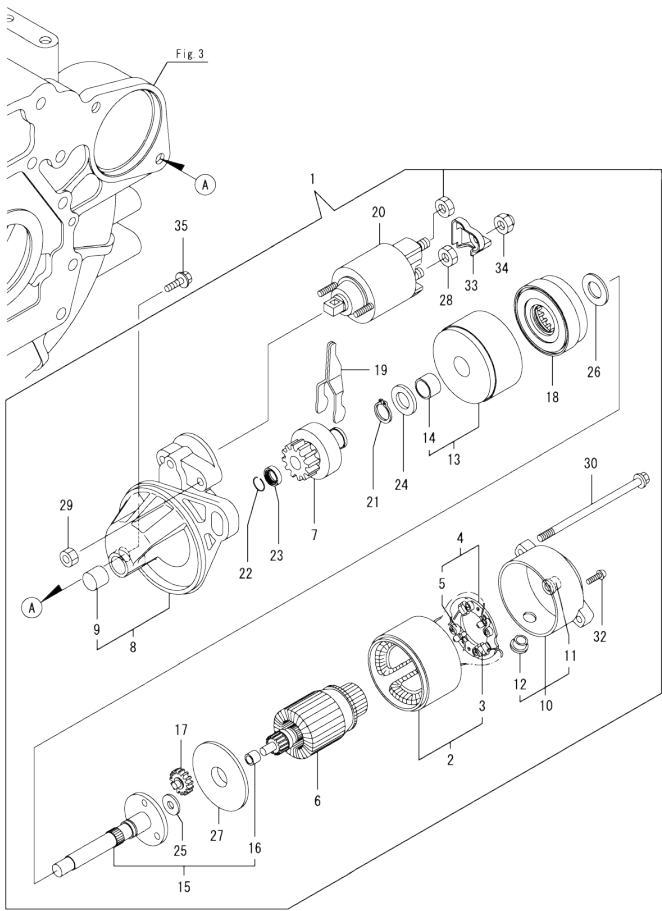


No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119934-55611	BRACKET, FILTER	1							
2	1	119540-55651	BRACKET, FILTER	1							
3	1	119802-55801	FILTER, FUEL	1							
4	1	26106-080222	BOLT, M8X 22 PLATED	2							
5	1	26106-080252	BOLT, M8X 25 PLATED	2							
6	1	103854-39140	BOLT, PIPE JOINT	1							
7	1	101304-59020	JOINT, PIPE 12	1							
8	1	129210-59080	PIPE ASSY, FUEL	1							
9	2	124766-59050	CLIP, HOSE 12	2							
11	1	129210-59170	PIPE ASSY, FUEL	1							
12	2	124766-59050	CLIP, HOSE 12	2							
13	2	105225-59511	PIPE, FUEL	1							
14	1	22190-120002	WASHER, SEAL 12	2							
15	1	114110-07761	LABEL, FUEL OIL CAUT	1							
16	1	129335-55750	SEPARATOR ASSY,WATER	1							
17	2	129053-55640	FLOAT	1							
18	2	129053-55650	SPRING, SCREEN	1							
19	2	119833-55660	RING, RETAINING	1							
20	2	129335-55740	CUP	1							
21	2	129335-55770	BODY ASSY	1							
22	3	129242-55750	VALVE, AIR VENT	1							
23	3	129242-55760	GASKET	1							
24	3	24311-000110	O-RING, 1AP11.0	1							
25	2	129335-55780	ELEMENT ASSY	1							
26	2	24311-000440	O-RING, 1AP44.0	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:Qty Change

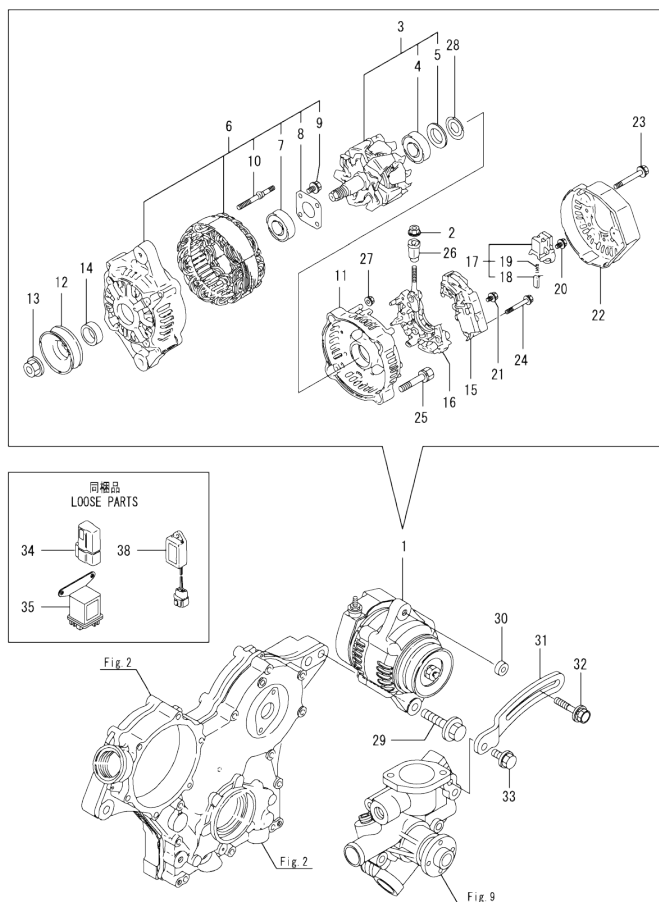
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Fig.14. STARTING MOTOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(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	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							

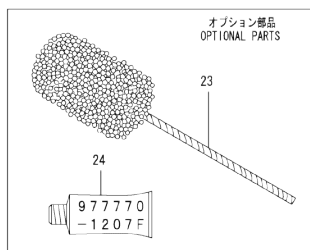
N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{YES}{NO}$ New, R:Old $\frac{YES}{NO}$ New, S:Old $\frac{YES}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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				(A)=3TNV76-GMF					(D)=				
				(B)=					(E)=				
				(C)=					(F)=				
No.	Lev.	Parts No.	Description	Qty								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	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									

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

Fig.16. GASKET SET



(1) Optional parts.

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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Parts No.	Fig. No.	Ref. No.	Parts No.	Fig. No.	Ref. No.	Parts No.	Fig. No.	Ref. No.	Parts No.	Fig. No.	Ref. No.
101304-59020	13	7	119620-79350	15	27	119717-14581	6	3	119717-51711	10	88
103854-39140	13	6	119620-79360	15	28	119717-21200	7	4	119717-51750	10	89
105010-11490	4	3	119621-21681	7	12	119717-21650	7	11	119717-51761	10	90
105225-59511	12	34	119623-01250	1	6	119717-21700	7	1	119717-51860	10	92
	13	13	119624-32040	2	18	119717-22080	7	14	119717-51930	11	2
105311-01090	1	5		16	11	119717-22090	7	31	119717-53001	12	1
105425-01690	3	11	119643-66900	15	34	119717-22300	7	20	119717-53010	12	3
114110-07761	13	15	119645-61070	11	80	119717-22500	7	16	119717-59510	12	35
118200-53010	12	2	119650-77911	15	35	119717-22550	7	33	119717-59810	12	20
119025-51520	10	77	119653-77950	11	121	119717-23000	7	22	119717-59820	12	24
119125-51370	10	60	119660-01911	2	17	119717-23200	7	25	119717-59830	12	28
119125-51900	10	93	119660-35150	8	4	119717-23601	7	26	119717-61050	11	3
119131-18320	5	5	119660-61901	11	64	119717-23611	7	29	119717-61070	11	4
119255-44660	9	42	119717-01331	1	27	119717-23910	7	28	119717-61120	11	8
119285-01990	1	8		16	2	119717-25050	6	9	119717-61130	11	9
119285-11990	4	11	119717-01501	2	1	119717-25101	6	10	119717-61140	11	10
119515-13200	5	7	119717-01570	2	2	119717-25911	6	16	119717-61150	11	11
	16	10	119717-01611	3	2	119717-25930	6	15	119717-61201	11	71
119515-44610	9	33	119717-01720	3	9	119717-32050	2	19	119717-61400	11	14
119540-55651	13	2	119717-01750	2	16		16	12	119717-77010	14	1
119540-59570	12	42	119717-01770	3	10	119717-32060	8	6	119717-77340	15	31
119600-11460	4	2	119717-01800	2	7		16	13	119717-77801	4	56
	16	8	119717-02411	1	12	119717-32080	2	9	119717-77820	4	57
119600-66840	11	82	119717-02930	1	23	119717-32100	2	8	119718-11310	4	45
119620-01750	3	5	119717-03031	4	36	119717-32110	2	13		16	3
119620-02020	1	9	119717-03070	4	37	119717-32120	2	14	119734-01580	2	3
119620-11280	4	26			38	119717-34801	8	1	119734-02220	3	6
119620-14200	6	1	119717-11101	4	13	119717-35080	8	7	119740-92600	16	1
119620-21941	7	13	119717-11110	4	14	119717-35140	8	3	119744-01521	2	5
119620-59700	12	46	119717-11131	4	15	119717-39210	8	13	119746-21570	7	8
119620-77380	15	3	119717-11190	4	17	119717-42020	9	13	119746-61060	11	79
119620-77421	15	6	119717-11200	4	21		16	14	119746-61080	11	81
119620-77440	15	11	119717-11240	4	22	119717-42031	9	3	119746-61100	11	5
119620-77461	15	12	119717-11260	4	25	119717-42041	9	4	119746-61440	11	21
119620-77471	15	13	119717-11320	4	46	119717-42350	9	17	119746-61500	11	29
119620-77480	15	18	119717-11331	4	47	119717-49800	9	23	119746-61550	11	96
119620-77490	15	14		16	4	119717-51030	10	5	119746-61600	11	78
119620-79200	15	7	119717-11340	4	18	119717-51060	10	6	119746-61700	11	118
119620-79210	15	8		16	5	119717-51070	10	7	119761-39450	8	12
119620-79220	15	9	119717-11350	4	19	119717-51100	10	9	119802-03100	4	39
119620-79230	15	10		16	6	119717-51150	10	13	119802-03110	4	40
119620-79250	15	5	119717-11381	4	35	119717-51190	10	15	119802-03121	4	41
119620-79260	15	16	119717-11650	4	27	119717-51200	10	16	119802-03131	4	42
119620-79280	15	19	119717-11740	4	4	119717-51300	10	55	119802-03141	4	43
119620-79290	15	20	119717-11800	4	58	119717-51330	10	58	119802-13620	5	4
119620-79300	15	21	119717-13109	5	1	119717-51420	10	63	119802-32130	2	15
119620-79310	15	23	119717-13110	5	2	119717-51481	10	103	119802-44500	9	30
119620-79320	15	24		16	9	119717-51491	10	104	119802-44560	9	40
119620-79330	15	25	119717-13600	5	3	119717-51500	10	76	119802-44600	9	32
119620-79340	15	26	119717-14400	6	2	119717-51570	10	82	119802-49010	9	43

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119810-02941	1	34
119813-59950	12	47
119833-55660	13	19
119840-59570	12	45
119865-21600	7	10
119888-01850	3	4
119934-55611	13	1
119940-77270	15	30
119C10-42320	9	9
119E10-42000	9	1
120323-61470	11	95
121023-01551	2	30
121111-21501	7	7
121250-44901	9	27
121256-44600	9	41
121450-42450	9	26
121520-34810	8	2
121575-66830	11	65
121850-51960	2	20
	16	16
122710-51090	10	8
123501-79240	15	4
124060-01050	1	4
124066-59100	12	43
124160-01751	2	28
	4	34
124160-01910	1	7
124450-35110	8	5
124450-44510	9	35
124450-44530	9	37
124450-44560	9	38
124465-44950	9	28
		29
	16	15
124550-51350	10	59
124766-59050	12	33
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