

0CW10-M72800EN

P R E F A C E

1. This parts catalog is the 1st edition of 3TNV76-SNSE12 for NEUSON.

Pub.No. : 0CW10-G72800

Published : November, 2011

2. Model name

Engine model	Vehicle	Vehicle made by
3TNV76-SNSE12	EXCAVATOR	NEUSON

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.

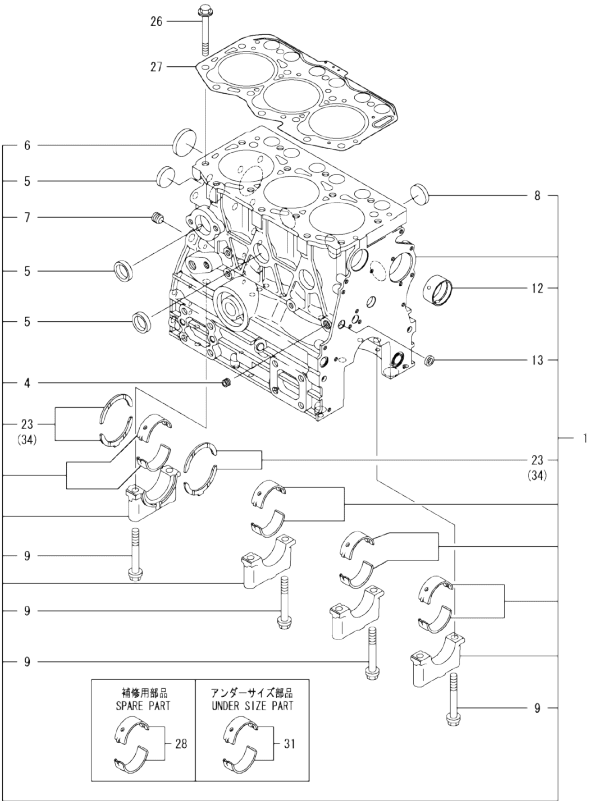
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

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0CW10-M72800

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4.	CYLINDER HEAD & BONNET		
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6.	CAMSHAFT & DRIVING GEAR		
7.	CRANKSHAFT & PISTON		
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9.	COOLING WATER SYSTEM		
10.	FUEL INJECTION PUMP		
11.	GOVERNOR		
12.	FUEL INJECTION VALVE		
13.	FUEL FILTER		
14.	STARTING MOTOR		
15.	GENERATOR		
16.	GASKET SET		

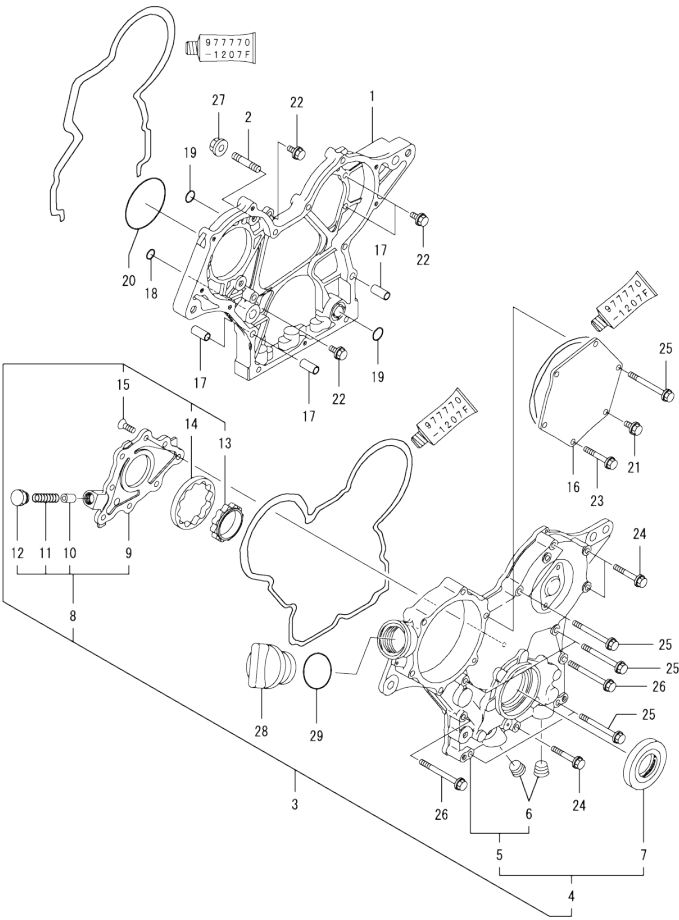
Fig.1. CYLINDER BLOCK



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(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, CUP TYPE 30	4							
6	2	119623-01250	PLUG, DISH TYPE 45	1							
7	2	124160-01910	PLUG, PT1/4	1							
8	2	119285-01990	PLUG, CUP TYPE 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 ASSY, THRUST	2							
26	1	119810-01200	BOLT, CYLINDER HEAD	14							
27	1	119717-01331	GASKET, HEAD	1							
28	1	719717-02901	BEARING ASSY, MAIN	4							1
31	1	719717-02911	BEARING ASSY, MAIN	4							2
34	1	119810-02941	BEARING, THRUST 0.25	2							3

Fig.2. GEAR HOUSING

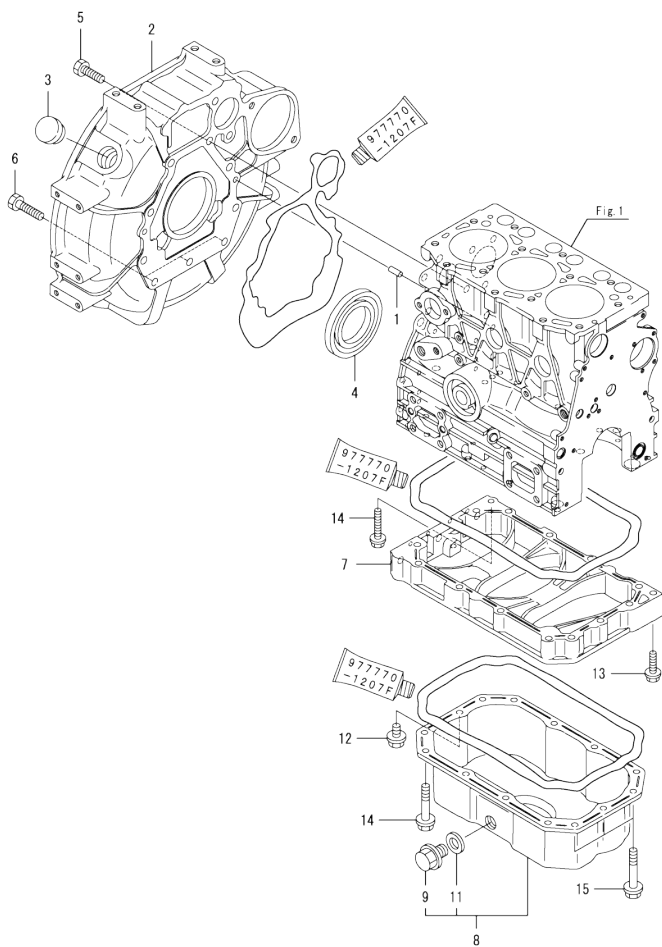


(A)=3TNV76-SNSE12
(B)=
(C)=

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

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	BOLT, STUD	3							
3	1	119734-01590	COVER ASSY,GEAR CASE	1							
4	2	719734-01500	COVER ASSY,GEAR CASE	1							
5	3	119717-01521	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, PUMP	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, PUMP	1							
17	1	119660-01911	PIPE, DOWEL 6X17	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	CAP, FILLER	1							
29	1	243111-000320	O-RING, 1AP32.0	1							

Fig.3. FLYWHEEL HOUSING & OIL SUMP



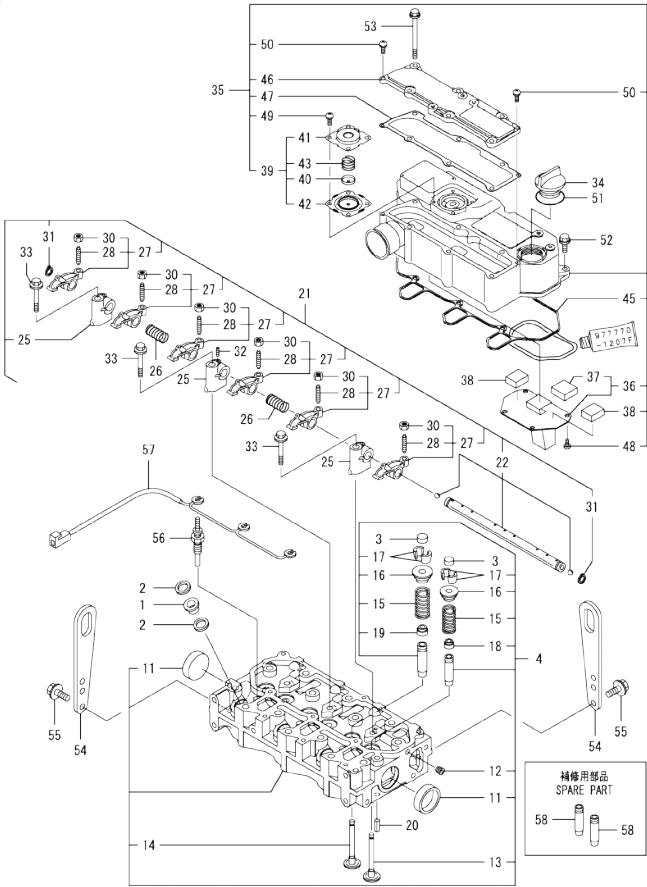
(A)=3TNV76-SNSE12
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129100-01580	PIN, PARALLEL 8X16	2							
2	1	119717-01601	HOUSING, FLYWHEEL	1							
3	1	119620-01750	CAP	1							
4	1	124085-02220	SEAL, OIL	1							
5	1	26206-100252	BOLT, M10X 25 PLATED	8							
6	1	26206-100302	BOLT, M10X 30 PLATED	3							
7	1	119717-01720	SPACER, OIL-PAN	1							
8	1	119717-01770	OIL PAN ASSY	1							
9	2	105425-01690	PLUG, M16	1							
11	2	22190-160002	WASHER, SEAL 16	1							
12	1	26106-080122	BOLT, M8X 12 PLATED	1							
13	1	26106-080302	BOLT, M8X 30 PLATED	1							
14	1	26106-080452	BOLT, M8X 45 PLATED	11							
15	1	26106-080502	BOLT, M8X 50 PLATED	3							

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

Fig.4. CYLINDER HEAD & BONNET



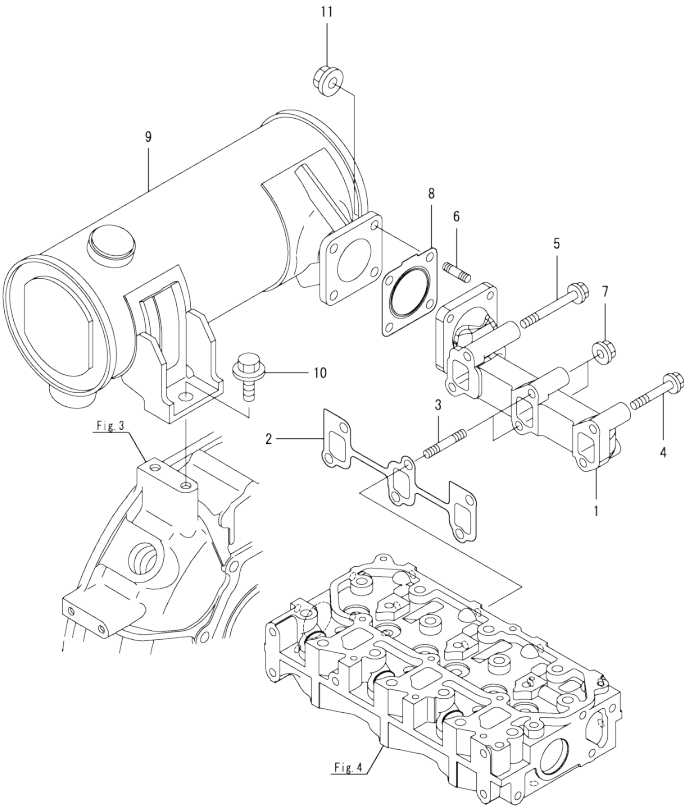
Remarks
(1)Spare part.

(A)=3TNV76-SNSE12
(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, CUP TYPE 35	2							
12	2	23876-005000	PLUG, R005	1							
13	2	119717-11101	VALVE, SUCTION	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, VALVE	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, ROCKER	1							
22	2	119717-11240	SHAFT ASSY, ROCKER	1							
25	2	119717-11260	SUPPORT, ROCKER ARM	3							
26	2	119620-11280	SPRING, ROCKER	2							
27	2	119717-11650	ARM ASSY, 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	CAP, FILLER	1							
35	1	119717-11381	BONNET ASSY, HEAD	1							
36	2	119717-03031	PLATE, BAFFLE	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, DIAPHRAGM	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, ENGINE	2							
55	1	26106-080162	BOLT, M8X 16 PLATED	4							
56	1	119717-77800	PLUG, GLOW	3							
57	1	119717-77820	CONNECTOR, GLOW PLUG	1							
58	1	119717-11800	GUIDE, VALVE	6							1

Fig.5. EXHAUST MANIFOLD & SILENCER



(A)=3TNV76-SNSE12
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119740-13100	MANIFOLD, EXHAUST	1							
2	1	119717-13110	GASKET, EXH.MANIFOLD	1							
3	1	119717-13600	BOLT, STUD M8X50	2							
4	1	119802-13620	BOLT, M8X50	2							
5	1	123900-13620	BOLT, M8X71	2							
6	1	119131-18320	BOLT, STUD M8X22	4							
7	1	26306-080002	NUT, M8	2							
8	1	119515-13200	GASKET, SILENCER	1							
9	1	119740-13500	SILENCER	1							
10	1	26106-100182	BOLT, M10X 18 PLATED	1							
11	1	26306-080002	NUT, M8	4							

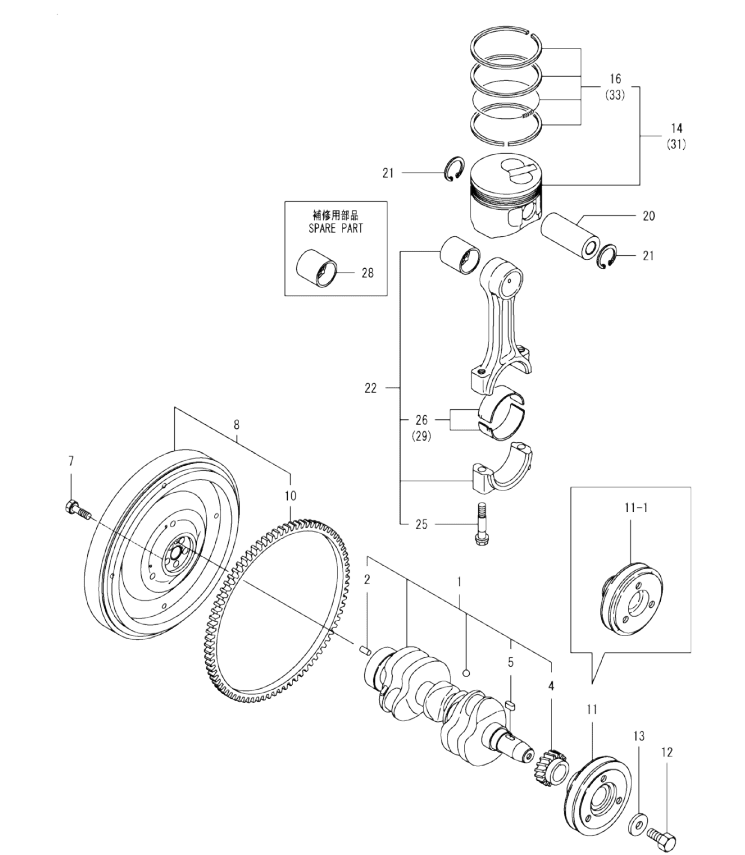
Fig.6. CAMSHAFT & DRIVING GEAR



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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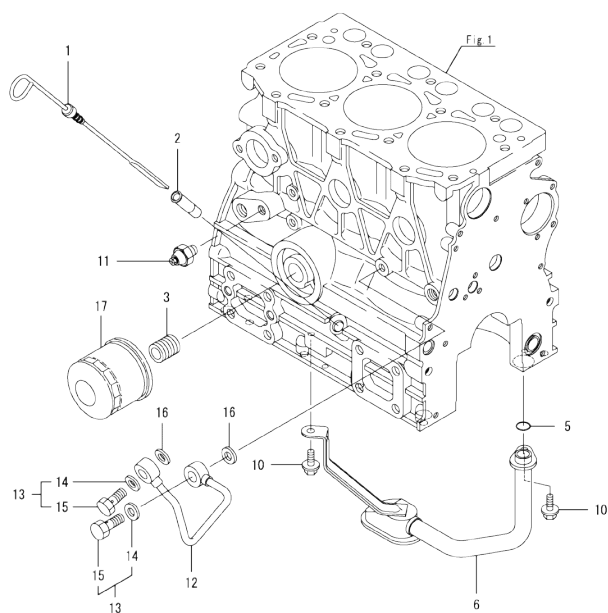
Fig.7. CRANKSHAFT & PISTON



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

				0CW10-M72800 Fig.7							
				(A)=3TNV76-SNSE12			(D)=				
				(B)=			(E)=				
				(C)=			(F)=				
							Q'ty				
							I R				
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, PARALLEL 8X16	1							
4	2	119717-21200	GEAR, CRANKSHAFT	1							
5	2	22512-040120	KEY, 4X 12	1							
7	1	119620-21500	BOLT, FLYWHEEL	5							
8	1	119740-21590	FLYWHEEL ASSY	1							
10	2	119865-21600	GEAR, RING Z=116	1							
11	1	119717-21650	V-PULLEY, CRANKSHAFT	1							
11-1	1	119740-21650	V-PULLEY	1							N
(A=EB2559)											
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



Remarks
(1) Spare part.

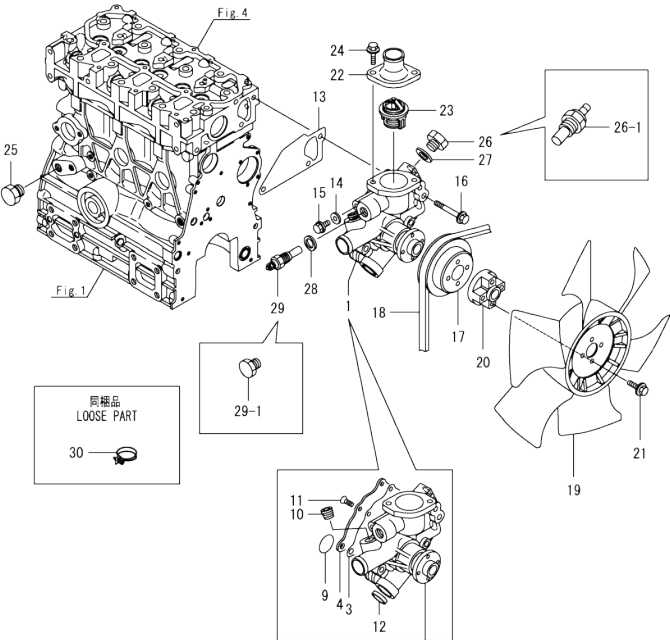
(D)=
(E)=
(F)=

(A)=3TNV76-SNSE12
(B)=
(C)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119717-34801	DIPSTICK	1							
2	1	121520-34810	GUIDE, DIPSTICK	1							
3	1	119717-35140	BOLT, STUD	1							
5	1	119717-32060	O-RING, P15.0	1							
6	1	119717-35080	PIPE ASSY, OIL INLET	1							
10	1	26106-060102	BOLT, M6X 10 PLATED	2							
11	1	121252-39450	SWITCH, HYDRAULIC	1							
12	1	119717-39210	PIPE, OIL	1							
13	1	129005-59830	BOLT ASSY, JOINT M8	2							
14	2	22190-080002	WASHER, SEAL 6	2							
15	2	23857-030000	BOLT, JOINT 3	2							
16	1	22190-080002	WASHER, SEAL 6	2							
17	1	119305-35151	FILTER ASSY, D68XL65	1							

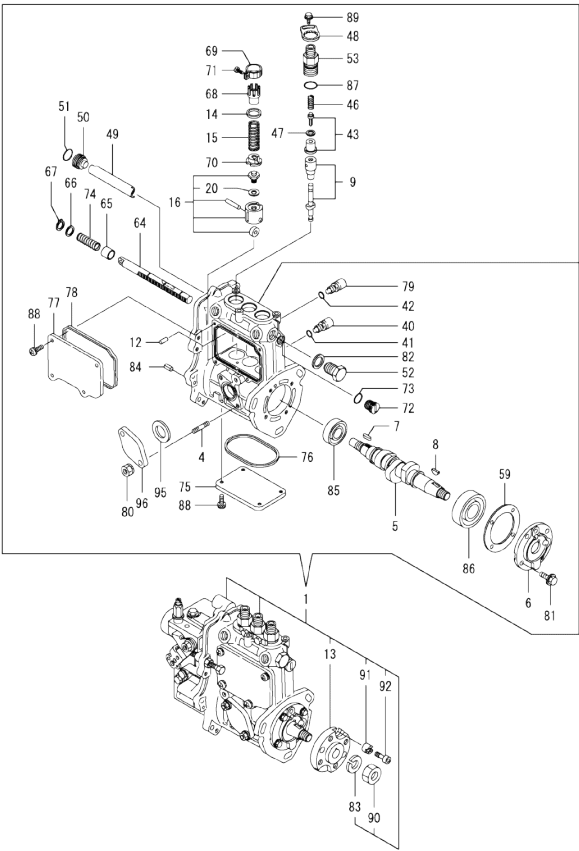
N:Old $\frac{\text{Yes}}{\text{No}}$ New. Q:Old $\frac{\text{No}}{\text{Yes}}$ New. R:Old $\frac{\text{Yes}}{\text{Yes}}$ New. S:Old $\frac{\text{No}}{\text{No}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

Fig.9. COOLING WATER SYSTEM



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-42002	PUMP ASSY, WATER	1							
1-1	1	119717-42003	PUMP ASSY, CW	1							R
(A=ER3731)											
3	2	119717-42031	GASKET	1							
4	2	119717-42041	COVER	1							
9	2	119717-42320	O-RING, P26	1							
10	2	129916-49740	PLUG, R3/8	1							
11	2	26577-060122	SCREW, M6X12	4							
12	2	27241-250000	PLUG, 25	1							
12-1	2	119717-42050	PLUG, 25	1							R
(A=ER3731)											
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	119515-42350	V-PULLEY, D=110	1							
18	1	25132-003600	V-BELT, A36	1							
19	1	129030-44740	FAN, COOLING D360XUG	1							
20	1	121267-44760	SPACER, FAN	1							
21	1	26106-060302	BOLT, M6X 30 PLATED	4							
22	1	129350-49530	COVER, THERMOSTAT	1							
23	1	119718-49800	THERMOSTAT, 82	1							
24	1	26106-080202	BOLT, M8X 20 PLATED	2							
25	1	171056-49120	PLUG, DRAIN R1/4	1							
26	1	121450-42450	PLUG, M16	1							
26-1	1	124250-49351	SENSOR, WATER TEMP.	1							S
(A=EA8143)											
27	1	124465-44950	GASKET, 16	1							
28	1	129150-49360	GASKET	1							
29	1	129242-49450	SENSOR, WATER TEMP.	1							
29-1	1	121450-42450	PLUG, M16	1							S
(A=EA8143)											
30	1	23010-038000	CLAMP, 38	4							

Fig.10. FUEL INJECTION PUMP

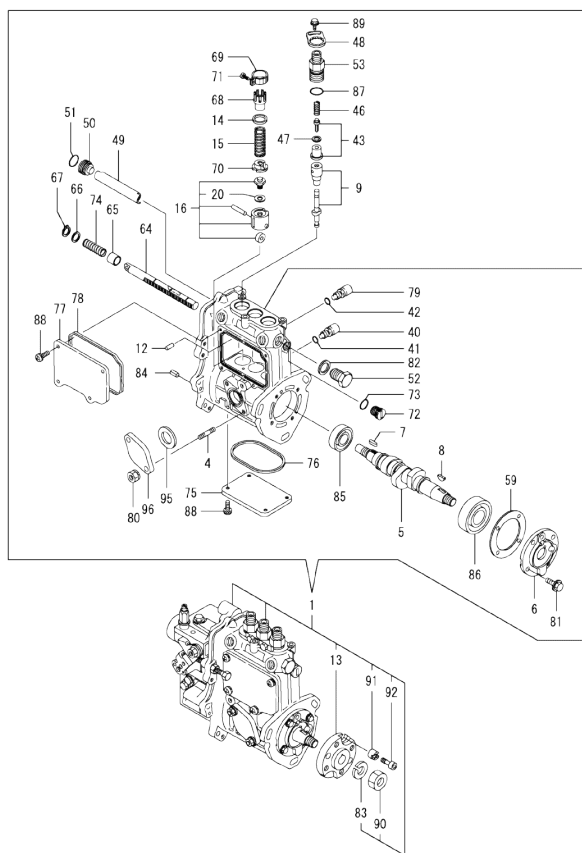


Remarks
(1)Governor(Fig.11)is incorporated in this Fuel Injection Pump (Ref.1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719740-51300	FIE ASSY	1							1
4	2	129155-51020	BOLT, STUD	2							
5	2	119717-51030	CAMSHAFT	1							
6	2	119717-51060	SUPPORT, CAMSHAFT	1							
7	2	119717-51070	FEATHER KEY,PARALLEL	1							
8	2	122710-51090	FEATHER KEY,WOODRUFF	1							
9	2	119740-51100	PLUNGER ASSY, FUEL	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, PINION	3							
72	2	158600-51570	PLUG, RACK	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	STOPPER, RACK	1							
80	2	119717-51860	NUT, M6	2							
81	2	119125-51900	BOLT, COLLAR M6 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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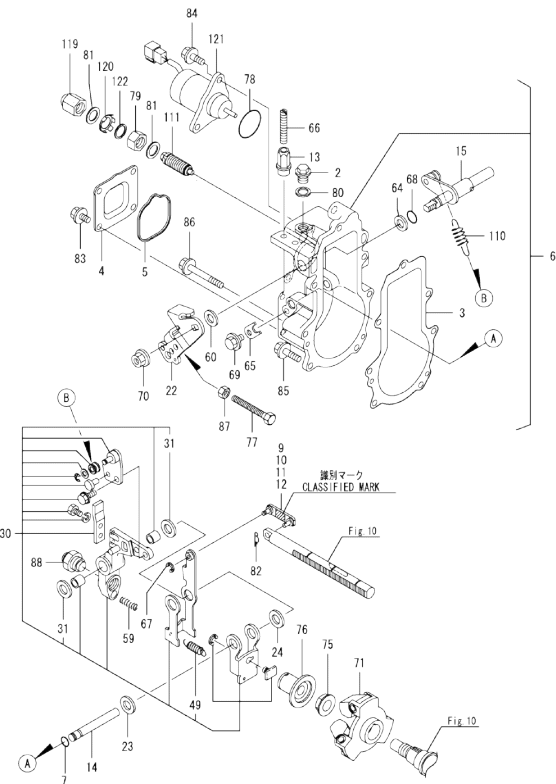
Fig.10. FUEL INJECTION PUMP



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

[illegible]

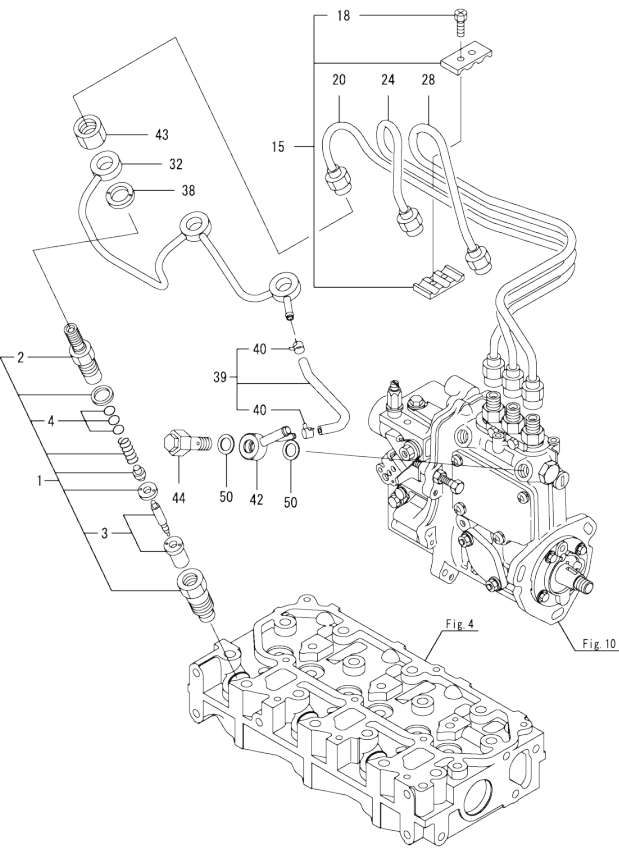
Fig.11. GOVERNOR



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	119717-61060	COVER, GOVERNOR CASE	1							
5	2	119717-61070	GASKET	1							
6	2	119717-61100	CASE ASSY, GOVERNOR	1							
7	3	129155-51280	O-RING, S6	1							
9	3	119717-61120	LINK, MARK :3	1							1
10	3	119717-61130	LINK, MARK 98	1							2
11	3	119717-61140	LINK, MARK 88	1							3
12	3	119717-61150	LINK, MARK 03	1							4
13	3	129209-61370	NUT, ARB M6	1							
14	3	129052-61390	SHAFT,GOVERNOR LEVER	1							
15	3	119717-61400	SHAFT ASSY	1							
22	3	119515-61440	LEVER, CONTROL	1							
23	3	129156-61460	SHIM, T=0.6	1							
24	3	129155-61480	SHIM ASSY	1							
30	3	119717-61500	LEVER ASSY, GOVERNOR	1							
31	4	174307-51700	SHIM SET, PLUNGER	2							
49	4	129486-61540	SPRING, GOV.LEVER	1							
59	3	129100-61650	SPRING, FUEL LIMITER	1							
60	3	158552-61700	SHIM SET	1							
64	3	158552-61710	SHIM, T=1.0	1							
65	3	119660-61901	STOPPER, SHAFT	1							
66	3	121575-66830	SCREW, ADJUSTING	1							
67	3	22272-000030	RING, E- 3	1							
68	3	24341-000070	O-RING, 1AS7.0	1							
69	3	26106-060102	BOLT, M6X 10 PLATED	1							
70	3	26366-080002	NUT, M8	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, LIMITING	1							
78	2	158552-61900	O-RING	1							
79	2	129209-61920	NUT, ARB	1							
80	2	22190-100002	WASHER, SEAL 10	1							
81	2	22190-120002	WASHER, SEAL 12	2							
82	2	22372-040000	PIN, SNAP 4	1							
83	2	26106-060102	BOLT, M6X 10 PLATED	4							
84	2	26106-060142	BOLT, M6X 14 PLATED	2							
85	2	26106-060202	BOLT, M6X 20 PLATED	4							
86	2	26106-060452	BOLT, M6X 45 PLATED	3							
87	2	26756-060002	NUT, LOCK M6	1							
88	2	119740-61550	ANGLEICH ASSY	1							
110	2	171353-61700	SPRING, GOVERNOR	1							
111	2	158601-61790	LIMITER ASSY, FUEL	1							
119	2	129209-61930	NUT, CAP	1							
120	2	129209-61970	PLATE	1							
121	2	119233-77932	SOLENOID, STOP	1							
122	2	23414-120016	GASKET, 12X1.0	1							

Fig.12. FUEL INJECTION VALVE

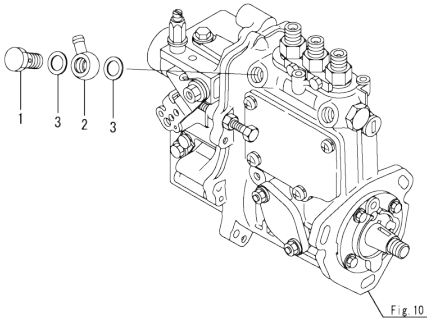


(A)=3TNV76-SNSE12
(B)=
(C)=

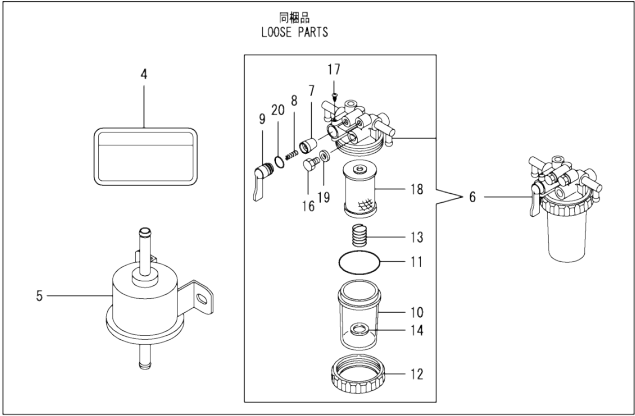
(D)=
(E)=
(F)=

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	NOZZLE ASSY, F.I.	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	119717-59510	PIPE ASSY, RETURN	1							
38	1	129901-59560	GASKET	3							
39	1	119540-59570	HOSE ASSY, RETURN	1							
40	2	124066-59100	CLAMP, HOSE 8	2							
42	1	119840-59570	JOINT	1							
43	1	119620-59700	NUT, NOZZLE	3							
44	1	119813-59950	VALVE ASSY, CHECK	1							
50	1	22190-120002	WASHER, SEAL 12	2							

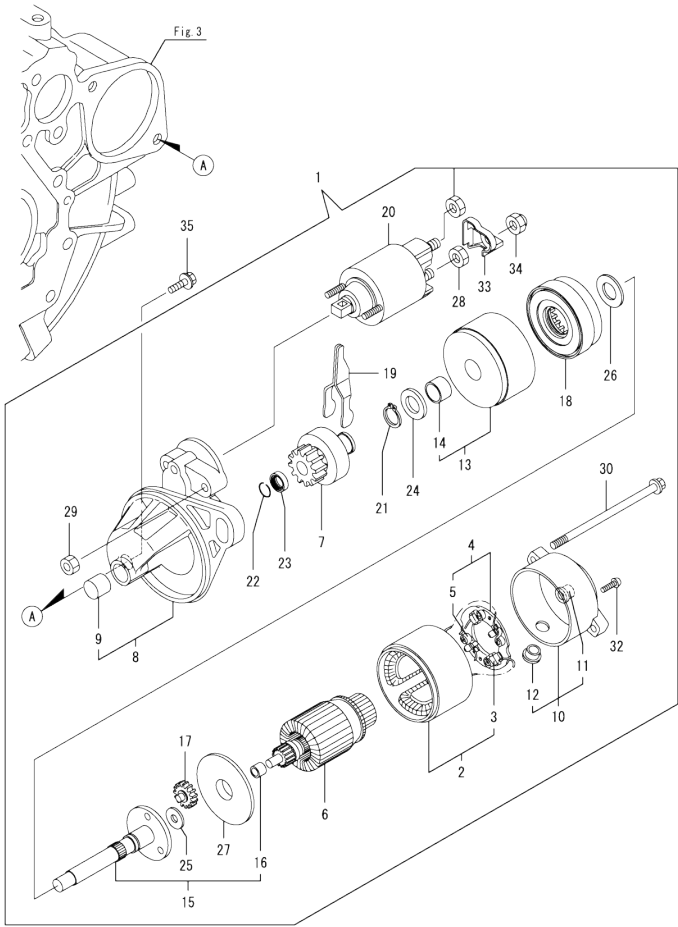
0CW10-M72800 3TNV76-SNSE12
Fig.13. FUEL FILTER



										0CW10-M72800 Fig.13	
										(A)=3TNV76-SNSE12 (D)=	
										(B)= (E)=	
										(C)= (F)=	
										Q'ty	
										(A) (B) (C) (D) (E) (F)	
No.	Lev.	Parts No.	Description								
1	1	103854-39140	BOLT, PIPE JOINT							1	
2	1	101304-59020	JOINT, PIPE 12							1	
3	1	22190-120002	WASHER, SEAL 12							2	
4	1	114110-07761	LABEL, FUEL OIL CAUT							1	
5	1	119225-52102	PUMP, FUEL FEED							1	
6	1	129335-55701	SEPARATOR ASSY,WATER							1	
7	2	104200-55321	VALVE, TAPER							1	
8	2	104200-55330	SPRING, FUEL VALVE							1	
9	2	104200-55341	HANDLE, COCK							1	
10	2	124064-55510	CUP, FUEL STARINER							1	
11	2	102103-55520	O-RING							1	
12	2	110250-55610	RING, CUP RETAINING							1	
13	2	121257-55720	SPRING, FILTER							1	
14	2	121257-55731	FLOAT							1	
16	2	101720-55750	PLUG, HEXAGON M6							2	
17	2	104200-55750	SCREW, PAN M4							1	
18	2	171081-55910	FILTER, FUEL							1	
19	2	23418-060000	GASKET, 6X1.0							2	
20	2	24311-240100	O-RING, 1AP10A							1	



0CW10-M72800 3TNV76-SNSE12
Fig.14. STARTING MOTOR



			(A)=3TNV76-SNSE12	0CW10-M72800 Fig.14							
			(B)=	(D)=							
			(C)=	(E)=							
				(F)=							
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-77010	STARTER ASSY	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							

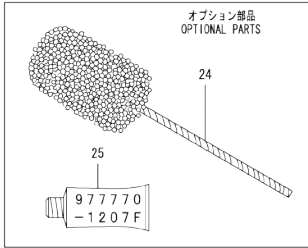
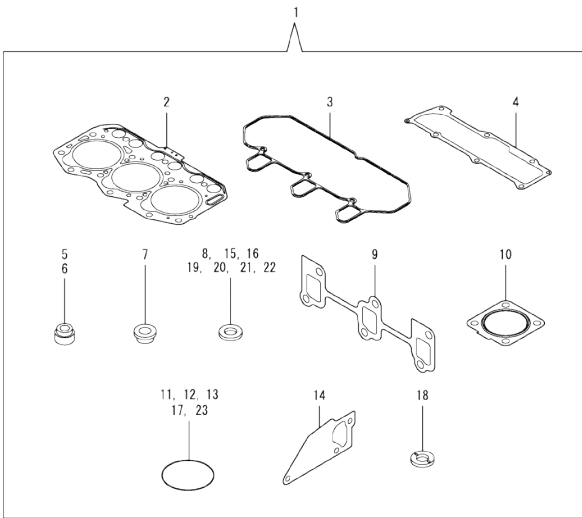
Fig.15. GENERATOR

(A)=3TNV76-SNSE12
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119626-77210	ALTERNATOR, 12V-55A	1							
1-1	1	119626-77220	ALTERNATOR, 12V-55A	1							N
(A=EL7706)											
2	2	X9490561001	NUT	1							
3	2	129052-77380	ROTOR ASSY	1							
4	3	123501-79240	BEARING, BALL	1							
5	3	119620-79250	COVER, BEARING	1							
6	2	129052-77422	FRAME ASSY	1							
7	3	119620-79200	BEARING, BALL	1							
8	3	119620-79210	RETAINER	1							
9	3	119620-79220	SCREW	4							
10	3	119620-79230	BOLT, STUD	2							
11	2	128401-77440	COVER	1							
12	2	119626-77450	FRAME	1							
13	2	119620-77461	PULLEY, GENERATOR	1							
14	2	119620-77471	NUT	1							
15	2	119620-77490	COLLAR	1							
16	2	119626-77710	REGULATOR ASSY	1							
16-1	2	129423-77720	REGULATOR ASSY	1							N
(A=EL7706)											
17	2	129052-79260	HOLDER	1							
18	2	129052-79270	HOLDER, BRUSH	1							
19	2	119620-79290	SCREW	6							
20	2	119620-79300	SCREW	1							
21	2	119620-79310	BOLT	3							
22	2	119620-79320	SCREW	2							
23	2	119620-79330	BOLT	2							
24	2	119620-79340	BUSH, INSULATION	1							
25	2	119620-79350	NUT	2							
26	1	26106-100452	BOLT, M10X 45 PLATED	1							
27	1	119940-77270	SPACER	1							
28	1	119717-77340	ADJUSTER, BELT	1							
29	1	129972-77341	BOLT, ADJUST L=50	1							
30	1	26106-080202	BOLT, M8X 20 PLATED	1							
31	1	119643-66900	DIODE	1							
32	1	129211-77920	TIMER	1							

Fig.16. GASKET SET



Remarks
(1)Optional parts.

(A)=3TNV76-SNSE12
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719734-92600	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, EXH.MANIFOLD	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	1	129400-92420	HONE, FLEX	1							1
25	1	977770-1207F	GASKET,LIQUID	1							1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	13	2
101720-55750	13	16
102103-55520	13	11
103854-39140	13	1
104200-55321	13	7
104200-55330	13	8
104200-55341	13	9
104200-55750	13	17
105010-11490	4	3
105311-01090	1	5
105425-01690	3	9
110250-55610	13	12
114110-07761	13	4
118200-53010	12	2
119025-51520	10	65
119125-51370	10	48
119125-51900	10	81
119131-18320	5	6
119225-52102	13	5
119233-77932	11	121
119285-01990	1	8
119285-11990	4	11
119305-35151	8	17
119515-13200	5	8
	16	10
119515-42350	9	17
119515-61440	11	22
119540-59570	12	39
119600-11460	4	2
	16	8
119620-01750	3	3
119620-02020	1	9
119620-11280	4	26
119620-14200	6	1
119620-21500	7	7
119620-21941	7	13
119620-59700	12	43
119620-77461	15	13
119620-77471	15	14
119620-77490	15	15
119620-79200	15	7
119620-79210	15	8
119620-79220	15	9
119620-79230	15	10
119620-79250	15	5
119620-79290	15	19
119620-79300	15	20
119620-79310	15	21
119620-79320	15	22
119620-79330	15	23

Parts No.	Fig. No.	Ref. No.
119620-79340	15	24
119620-79350	15	25
119621-21681	7	12
119623-01250	1	6
119624-32040	2	18
	16	11
119626-77210	15	1
119626-77220	15	1 -1
119626-77450	15	12
119626-77710	15	16
119643-66900	15	31
119660-01911	2	17
119660-61901	11	65
119717-01331	1	27
	16	2
119717-01501	2	1
119717-01521	2	5
119717-01570	2	2
119717-01601	3	2
119717-01720	3	7
119717-01750	2	16
119717-01770	3	8
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
	16	4
119717-11340	4	18
	16	5
119717-11350	4	19
	16	6
119717-11381	4	35
119717-11650	4	27
119717-11740	4	4
119717-11800	4	58
119717-13110	5	2
	16	9
119717-13600	5	3
119717-14400	6	2

Parts No.	Fig. No.	Ref. No.
119717-14581	6	3
119717-21200	7	4
119717-21650	7	11
119717-21700	7	1
119717-22080	7	14
119717-22090	7	31
119717-22300	7	20
119717-22500	7	16
119717-22550	7	33
119717-23000	7	22
119717-23200	7	25
119717-23601	7	26
119717-23611	7	29
119717-23910	7	28
119717-25050	6	9
119717-25101	6	10
119717-25911	6	16
119717-25930	6	15
119717-32050	2	19
	16	12
119717-32060	8	5
	16	13
119717-32080	2	9
119717-32100	2	8
119717-32110	2	13
119717-32120	2	14
119717-34801	8	1
119717-35080	8	6
119717-35140	8	3
119717-39210	8	12
119717-42002	9	1
119717-42003	9	1 -1
119717-42020	9	13
	16	14
119717-42031	9	3
119717-42041	9	4
119717-42050	9	12 -1
119717-42320	9	9
119717-51030	10	5
119717-51060	10	6
119717-51070	10	7
119717-51150	10	13
119717-51190	10	15
119717-51200	10	16
119717-51300	10	43
119717-51330	10	46
119717-51420	10	51
119717-51480	10	91
119717-51490	10	92
119717-51500	10	64

Parts No.	Fig. No.	Ref. No.
119717-51570	10	70
119717-51711	10	76
119717-51750	10	77
119717-51761	10	78
119717-51860	10	80
119717-51930	11	2
119717-53001	12	1
119717-53010	12	3
119717-59510	12	32
119717-59810	12	20
119717-59820	12	24
119717-59830	12	28
119717-61050	11	3
119717-61060	11	4
119717-61070	11	5
119717-61100	11	6
119717-61120	11	9
119717-61130	11	10
119717-61140	11	11
119717-61150	11	12
119717-61201	11	71
119717-61400	11	15
119717-61500	11	30
119717-77010	14	1
119717-77340	15	28
119717-77800	4	56
119717-77820	4	57
119718-11310	4	45
	16	3
119718-49800	9	23
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