

0CD50-M00970EN

P R E F A C E

1. This parts catalog is the 1st edition of 3TNV80F-SNFK for FURUKAWA UNIC CORPORATION.

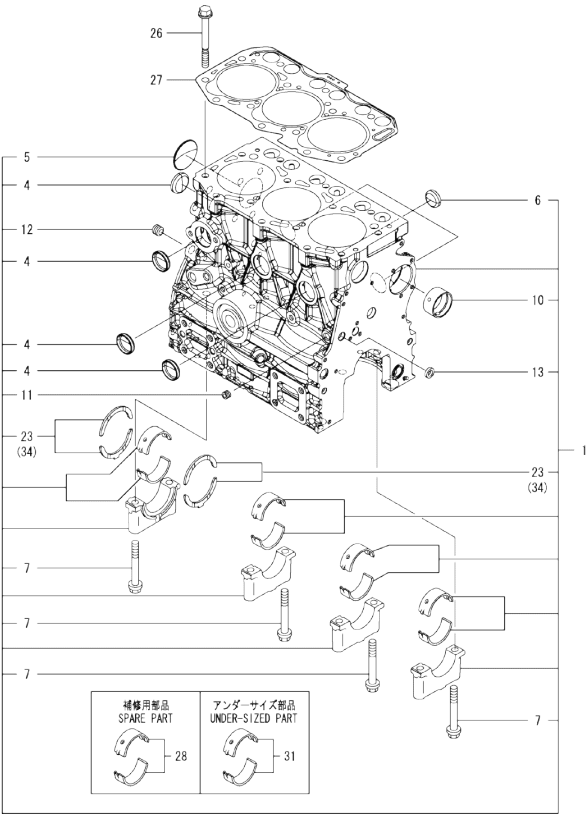
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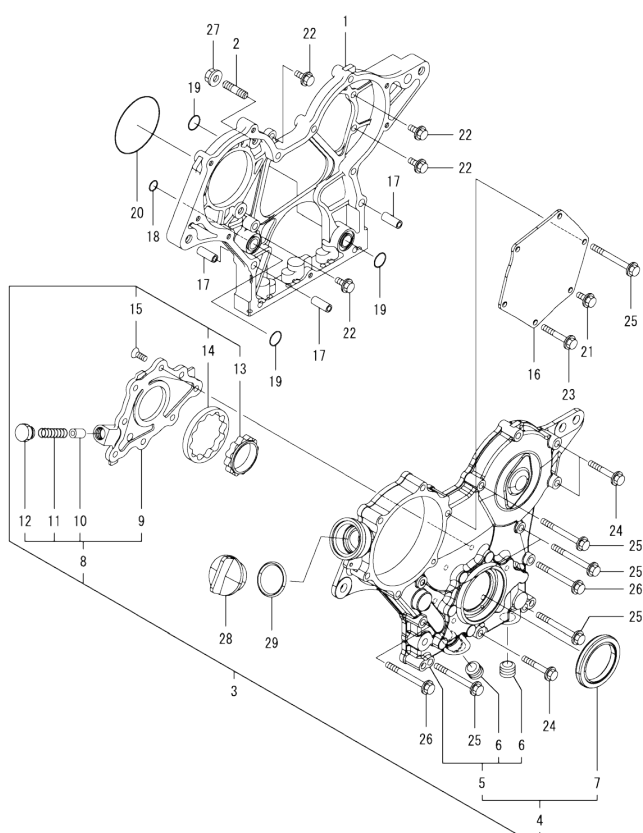
Fig. No.	Fig. Name	Fig. No.	Fig. Name
3TNV80F-SNFK			
1.	CYLINDER BLOCK		
2.	GEAR HOUSING		
3.	FLYWHEEL HOUSING & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	AIR CLEANER		
6.	EXHAUST MANIFOLD & SILENCER		
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15.	STARTER MOTOR		
16.	GENERATOR		
17.	GASKET SET		

OCD50-M00970 3TNV80F-SNFK
Fig.1. CYLINDER BLOCK



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

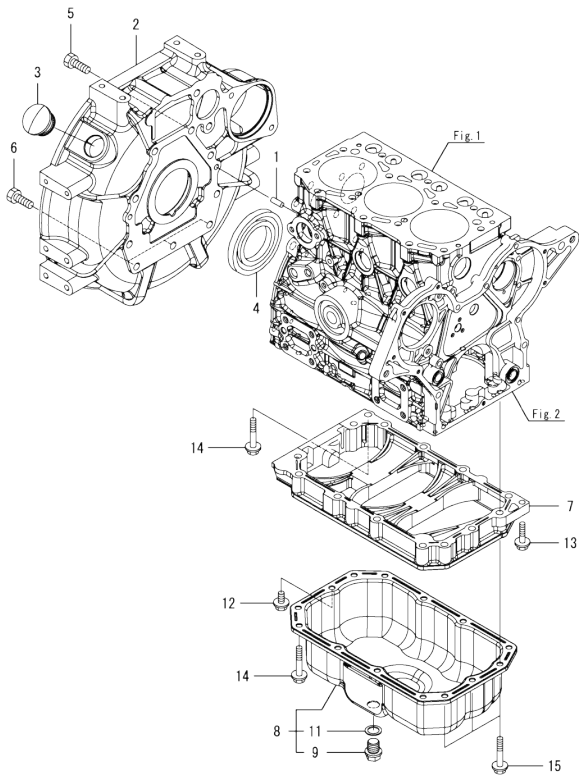
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							(B)=			(E)=	
							(C)=			(F)=	
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119E00-01560	BLOCK ASSY, CYLINDER	1							
4	2	105311-01090	PLUG, 30	4							
5	2	119623-01250	PLUG, 45	1							
6	2	119285-01990	PLUG, 25	3							
7	2	119620-02020	BOLT, METAL CAP	8							
10	2	119717-02411	BUSH, CAMSHAFT	1							
11	2	124060-01050	PLUG, PT1/8	1							
12	2	124160-01910	PLUG, PT1/4	1							
13	2	27241-120000	PLUG, 12	1							
23	2	119717-02930	BEARING, THRUST	2							
26	1	119810-01200	BOLT, HEAD	14							
27	1	119E10-01330	GASKET SET, 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



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119717-01501	CASE, GEAR	1							
2	1	119717-01570	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	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							

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Fig.3. FLYWHEEL HOUSING & OIL SUMP



OCD50-M00970 Fig.3

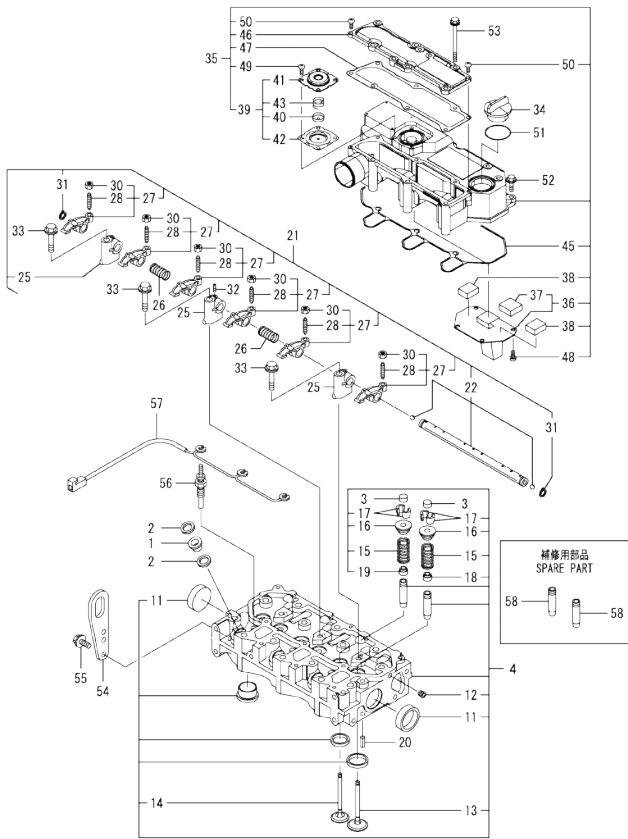
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, 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 SUMP	1							
8	1	119740-01770	SUMP ASSY, OIL	1							
9	2	105425-01690	PLUG, 16	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							

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Fig.4. CYLINDER HEAD & BONNET



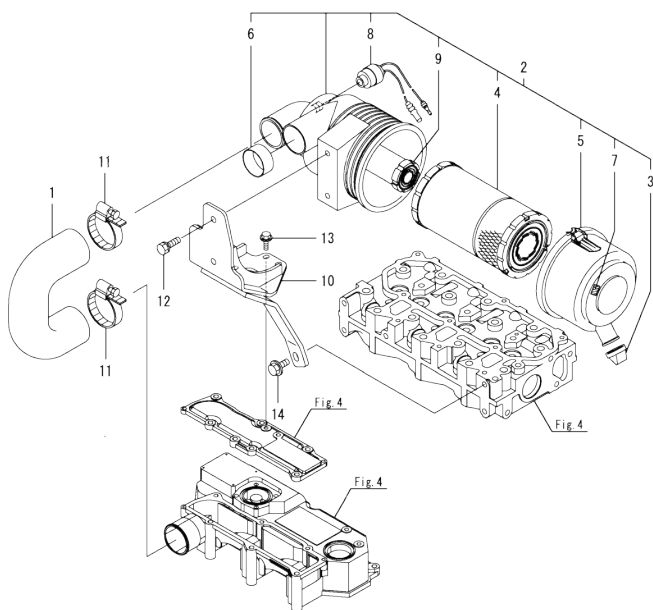
Remarks
(1)Spare parts.

OCD50-M00970 Fig.4

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(E)=
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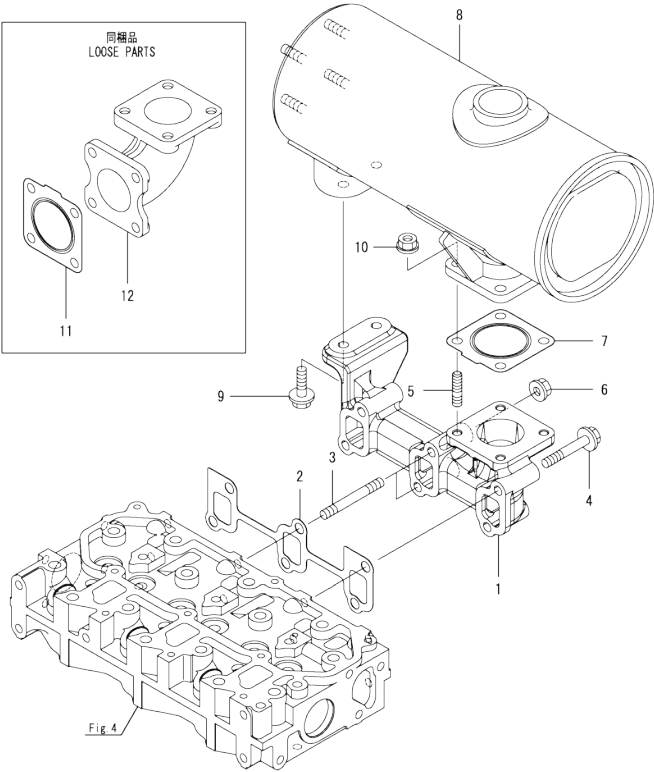
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129901-11450	PROTECTOR, NOZZLE	3							
2	1	119600-11460	GASKET, NOZZLE	6							
3	1	105010-11490	CAP, VALVE	6							
4	1	119E10-11740	HEAD ASSY, CYLINDER	1							
11	2	119285-11990	PLUG, 35	2							
12	2	23876-005000	PLUG, R005	1							
13	2	119E10-11100	VALVE, SUCTION	3							
14	2	119E10-11110	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	119226-07900	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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No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119761-12020	PIPE, AIR INTAKE	1							
2	1	119540-12510	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	119140-12680	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							
15	1	119632-12211	PIPE, AIR INTAKE	1							
16	1	23000-060000	CLAMP, 60	2							

Fig.6. EXHAUST MANIFOLD & SILENCER



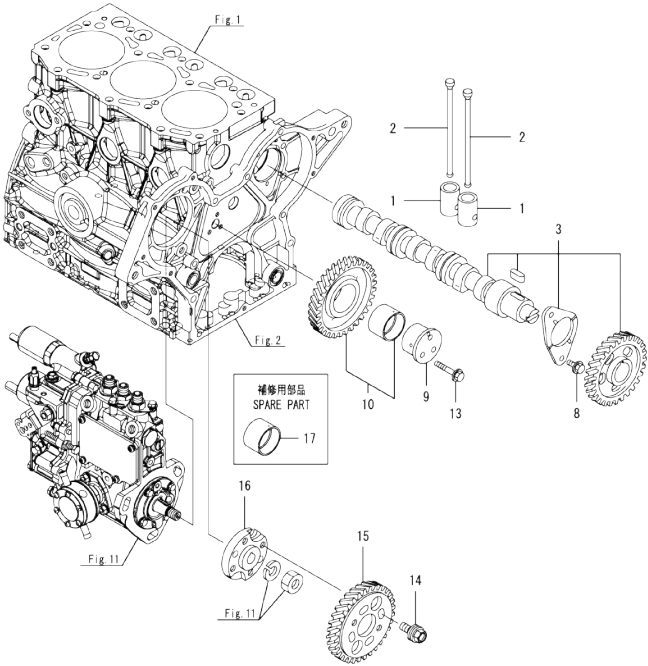
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-13109	MANIFOLD, EXHAUST	1							
2	1	119717-13110	GASKET	1							
3	1	119717-13600	STUD, M8X50	2							
4	1	129E00-13610	BOLT, M8X50 10.9	4							
5	1	119131-18320	STUD, M8X22	4							
6	1	26306-080002	NUT, M8	2							
7	1	119515-13200	GASKET, SILENCER	1							
8	1	119717-13550	SILENCER	1							
9	1	26106-080252	BOLT, M8X 25 PLATED	2							
10	1	26306-080002	NUT, M8	4							
11	1	119515-13200	GASKET, SILENCER	2							
12	1	119620-13550	BEND	1							

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Fig.7. CAMSHAFT & DRIVING GEAR



Remarks
(1)Spare parts.

OCD50-M00970 Fig.7

(A)=3TNV80F-SNFK
(B)=
(C)=

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

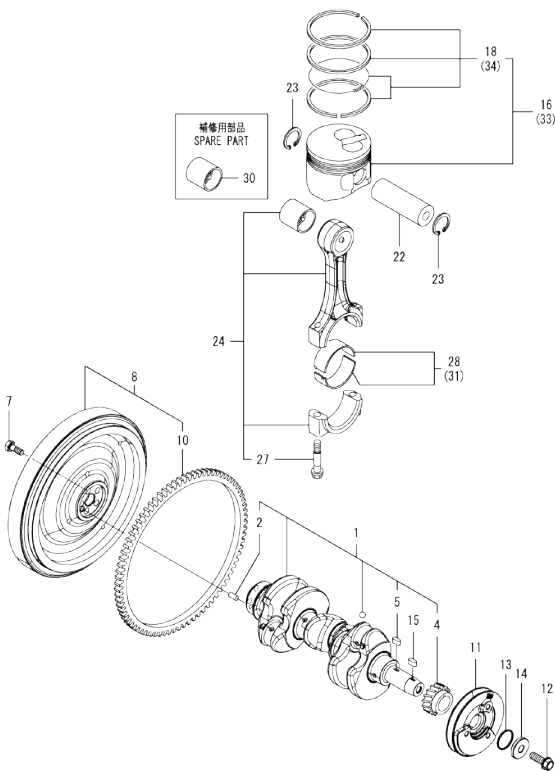
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119620-14200	TAPPET	6							
2	1	119717-14400	ROD, PUSH	6							
3	1	119717-14581	CAMSHAFT ASSY	1							
8	1	26106-060122	BOLT, M6X 12 PLATED	2							
9	1	119717-25050	SHAFT, IDLE	1							
10	1	119717-25101	GEAR ASSY, IDLE	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	119717-51150	FLANGE	1							
17	1	119717-25911	BUSH, IDLE GEAR	1							1

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{R/O}{YES}$ New, R:Old $\frac{YES}{YES}$ New, S:Old $\frac{R/O}{YES}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.8. CRANKSHAFT & PISTON

OCD50-M00970 Fig.8



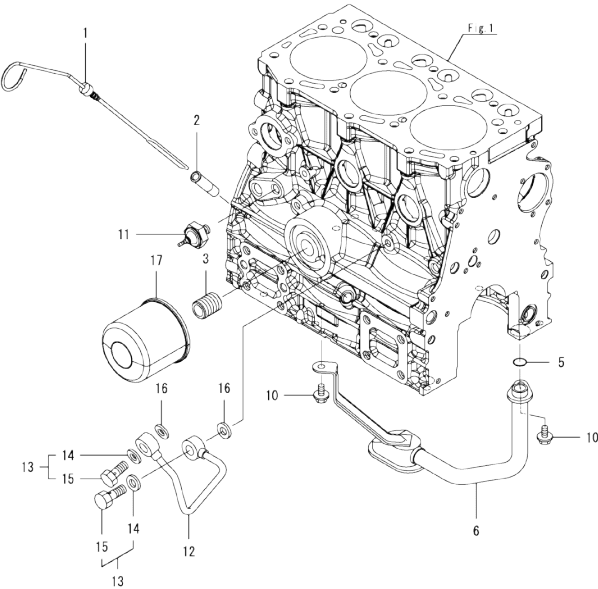
Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

(A)=3TNV80F-SNFK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119E10-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, 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	119E40-21590	FLYWHEEL ASSY	1							
10	2	119865-21600	GEAR, RING	1							
11	1	119C40-21650	V-PULLEY, CRANK 120	1							
12	1	119621-21681	BOLT, FLANGE 12X1.25	1							
13	1	119C10-21930	PACKING, WASHER	1							
14	1	119C10-21940	WASHER, V-PULLEY	1							
15	1	22512-040120	KEY, 4X 12	1							
16	1	119E10-22080	PISTON ASSY	3							
18	2	119E10-22500	RING ASSY	3							
22	1	119E10-22300	PIN, PISTON	3							
23	1	22525-000220	RING, 22	6							
24	1	119E10-23000	ROD ASSY, CONNECTING	3							
27	2	119717-23200	BOLT, CONNECTING ROD	6							
28	1	119717-23601	BEARING, CRANK PIN	3							1
30	1	119717-23910	BEARING, PISTON PIN	3							2
31	1	119717-23611	METAL ASSY, 0.25	3							3
33	1	119E10-22900	PISTON ASSY, 0.25 OS	3							3
34	2	119E10-22550	RING ASSY, 0.25	3							3

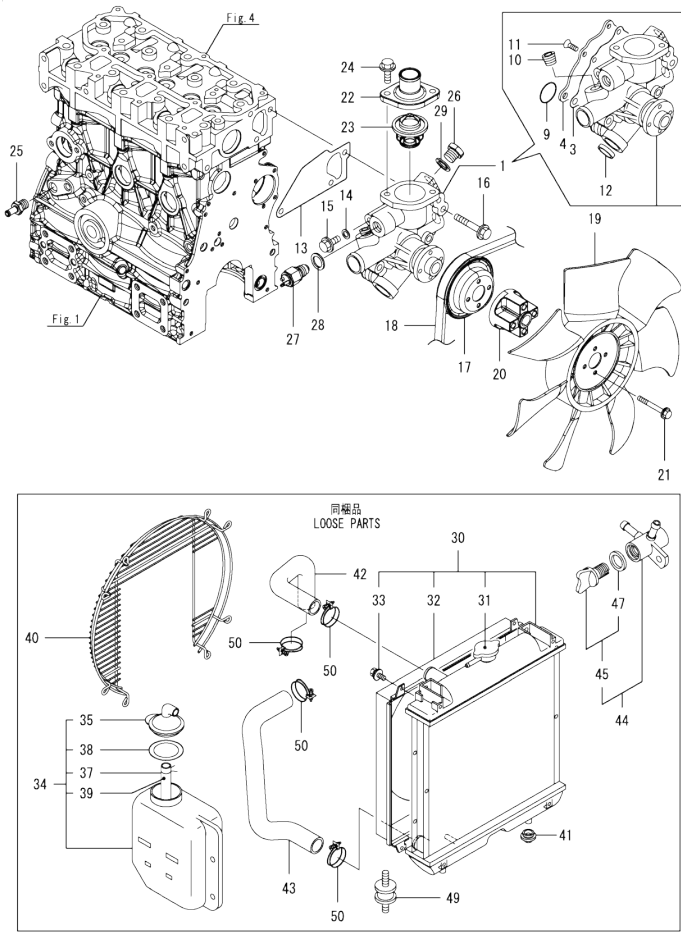
OCD50-M00970 3TNV80F-SNFK
Fig.9. LUB. OIL SYSTEM



Remarks
(1)Spare parts.

										OCD50-M00970		Fig.9	
										(A)=3TNV80F-SNFK		(D)=	
										(B)=		(E)=	
										(C)=		(F)=	
										Q'ty			
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R		
1	1	119740-34801	DIPSTICK, OIL	1									
2	1	121520-34810	GUIDE, DIPSTICK	1									
3	1	119717-35140	BOLT	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	114250-39450	SWITCH, 0.5KG	1									
12	1	119717-39210	PIPE, OIL	1									
13	1	129005-59830	BOLT ASSY, JOINT M8	2									
14	2	22190-080002	WASHER, SEAL 8	2									
15	2	23857-030000	BOLT, JOINT 3	2									
16	1	22190-080002	WASHER, SEAL 8	2									
17	1	119305-35151	FILTER ASSY, D68XL65	1							1		

Fig.10. 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	119740-42350	V-PULLEY, D=90	1							
18	1	25132-003600	V-BELT, A36	1							
19	1	119626-44741	FAN, COOLING D=320X7	1							
20	1	129030-44760	SPACER, FAN L38.5	1							
21	1	26106-060502	BOLT, M6X 50 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	121550-49111	JOINT, PT1/4	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	129004-44500	RADIATOR ASSY	1							
31	2	129107-44590	CAP, RADIATOR	1							
32	2	119802-44600	SHROUD	1							
33	2	26014-060122	BOLT, M6X 12	4							
34	1	121468-44520	TANK ASSY, SUB	1							
35	2	121450-44531	CAP	1							
37	2	124450-44560	RETAINER	1							
38	2	121470-44581	GASKET	1							
39	2	23065-070130	PIPE, 7X 130	1							
40	1	119802-44570	GUARD	1							
41	1	119255-44660	ABSORBER	2							
42	1	119802-49010	PIPE, WATER	1							
43	1	119940-49020	PIPE, WATER	1							
44	1	129150-49100	COCK ASSY, 3-WAY	1							
45	2	129150-49080	COCK, DRAIN	1							
47	3	119629-49080	GASKET	1							
49	1	127694-91050	ABSORBER, SHOCK	2							
50	1	23010-035000	CLAMP, 35	4							

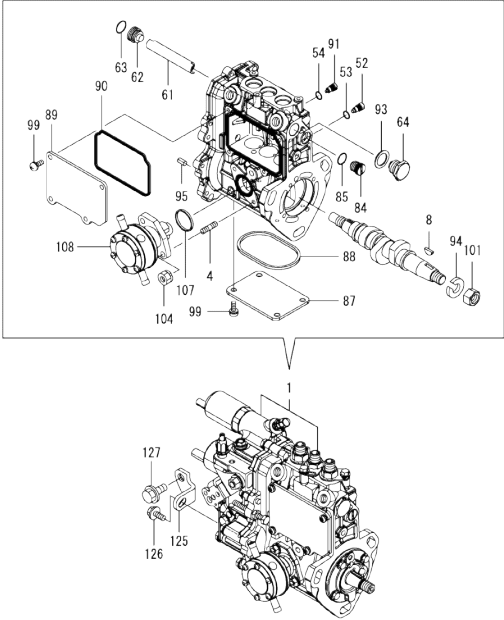
OCD50-M00970 3TNV80F-SNFK

Fig.11. FUEL INJECTION PUMP

OCD50-M00970 Fig.11

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(C)=

(D)=
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(F)=

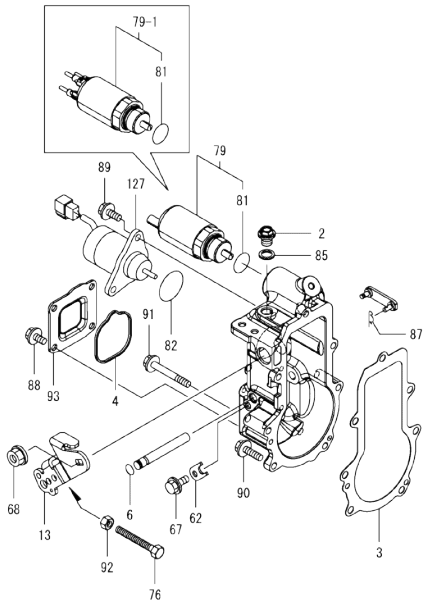


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719E40-51380	FIE ASSY	1							1
4	2	129155-51020	STUD	2							
8	2	122710-51090	KEY, FEATHER	1							
52	2	158600-51270	STOPPER, TAPPET	3							
53	2	129155-51280	O-RING, S6	3							
54	2	129155-51280	O-RING, S6	1							
61	2	129155-51400	PROTECTOR	1							
62	2	158600-51410	PLUG, DEFLIFTER M12	1							
63	2	119717-51420	O-RING	1							
64	2	158600-51420	PLUG, DEFLIFTER M16	1							
84	2	158600-51570	PLUG, RACK	1							
85	2	129155-51580	O-RING	1							
87	2	129155-51701	COVER, PUMP BOTTOM	1							
88	2	119717-51711	GASKET, PUMP	1							
89	2	119717-51750	COVER, BODY SIDE	1							
90	2	119717-51761	GASKET, PUMP COVER	1							
91	2	158600-51790	STOPPER, RACK	1							
93	2	22190-160002	WASHER, SEAL 16	1							
94	2	22217-120000	WASHER, SPRING 12	1							
95	2	22351-050010	PIN, SPRING 5.0X10	2							
99	2	26022-050122	SCREW, M5X12	8							
101	2	26716-120002	NUT, M12	1							
104	2	119717-51860	NUT, M6	2							
107	2	129155-52051	GASKET, PUMP COVER	1							
108	2	129100-52101	PUMP ASSY, FUEL FEED	1							
125	1	119C10-51250	SUPPORT, FUEL PUMP	1							
125-1	1	119E10-51250	SUPPORT	1							N
(A=E17573)											
126	1	26106-060142	BOLT, M6X 14 PLATED	1							
126-1	1	26106-060162	BOLT, M6X 16 PLATED	1							N
(A=E17573)											
127	1	26106-080142	BOLT, M8X 14 PLATED	1							
127-1	1	26106-080162	BOLT, M8X 16 PLATED	1							N
(A=E17573)											

Remarks

(1)Governor(Fig.12) is incorporated in this Fuel Injection Pump(No.1).

Fig.12. GOVERNOR



(A)=3TNV80F-SNFK
(B)=
(C)=

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

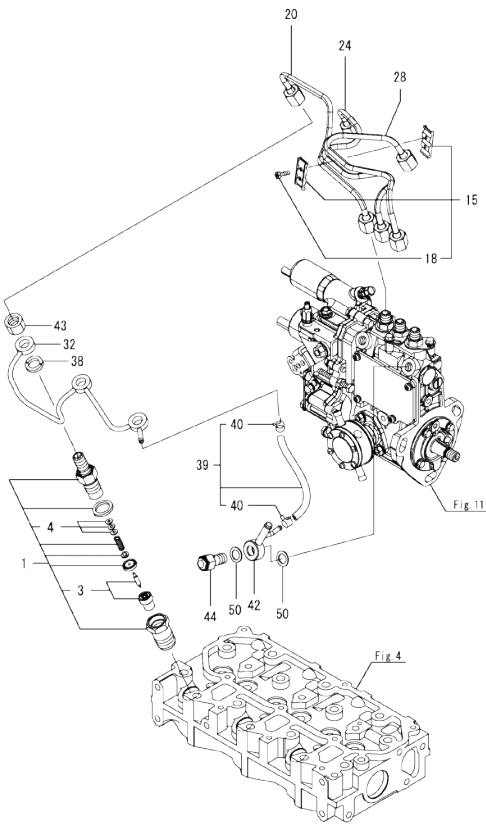
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119717-51930	PLUG, M10	1							
3	2	119717-61050	GASKET, CASE	1							
4	2	119717-61070	GASKET, COVER	1							
6	2	129155-51280	O-RING, S6	1							
13	2	119515-61440	LEVER, CONTROL	1							
62	2	119660-61901	STOPPER, SHAFT	1							
67	2	26106-060102	BOLT, M6X 10 PLATED	1							
68	2	26366-080002	NUT, M8	1							
76	2	129155-61460	BOLT, IDLE LIMIT	1							
79	2	119C00-61900	SOLENOID, CONTROL	1							
79-1	2	119C00-61901	SOLENOID, POWER CONT	1							R
(A=E40284)											
81	3	24357-240200	PACKING, 24020	1							
82	2	158552-61900	O-RING	1							
85	2	22190-100002	WASHER, SEAL 10	1							
87	2	22372-040000	PIN, SNAP 4	1							
88	2	26106-060102	BOLT, M6X 10 PLATED	4							
89	2	26106-060142	BOLT, M6X 14 PLATED	2							
90	2	26106-060202	BOLT, M6X 20 PLATED	4							
91	2	26106-060452	BOLT, M6X 45 PLATED	3							
92	2	26756-060002	NUT, LOCK M6	1							
93	2	119717-61060	COVER, GOVERNOR CASE	1							
127	2	119233-77932	SOLENOID, STOP	1							

Remarks

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

OCD50-M00970 3TNV80F-SNFK

Fig.13. FUEL INJECTION VALVE



Remarks
(1)Spare parts.

OCD50-M00970 Fig.13

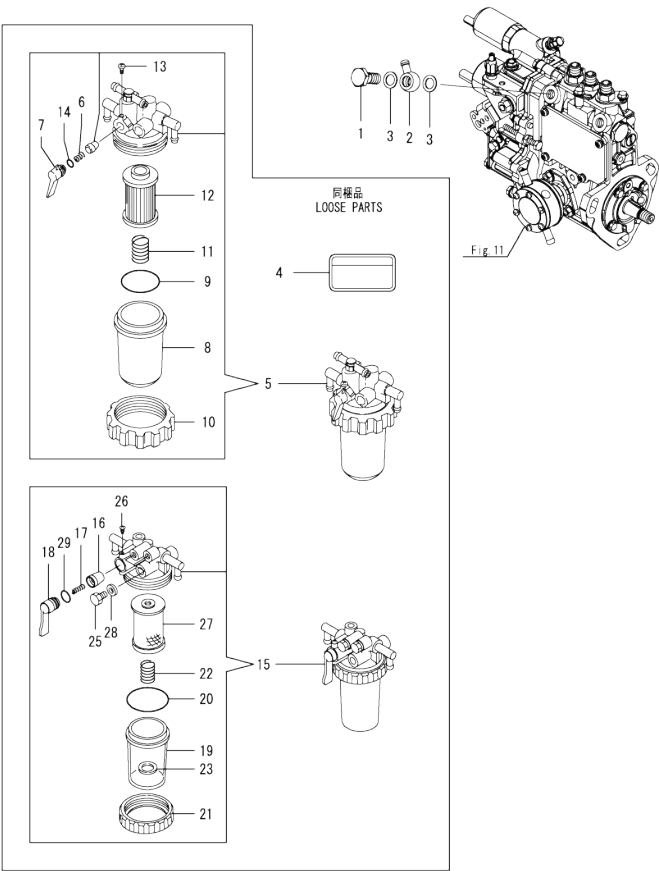
(A)=3TNV80F-SNFK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119C10-53000	NOZZLE ASSY, F.I.	3							
3	2	119C10-53010	NOZZLE ASSY	3							
4	2	129901-53800	SHIM SET, ADJUSTING	3							1
15	1	129150-59120	RETAINER, PIPE	1							
18	2	129150-59131	BOLT, M4X14	2							
20	1	119E10-59810	PIPE ASSY,INJ.NO1	1							
24	1	119E10-59820	PIPE ASSY,INJ.NO2	1							
28	1	119E10-59830	PIPE ASSY,INJ.NO3	1							
32	1	119717-59510	PIPE ASSY, RETURN	1							
38	1	129901-59560	GASKET	3							
39	1	119540-59570	PIPE ASSY, RETURN	1							
40	2	124066-59100	CLIP, 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							

N:Old $\frac{N_{Old}}{N_{New}}$ New, Q:Old $\frac{Q_{Old}}{Q_{New}}$ New, R:Old $\frac{R_{Old}}{R_{New}}$ New, S:Old $\frac{S_{Old}}{S_{New}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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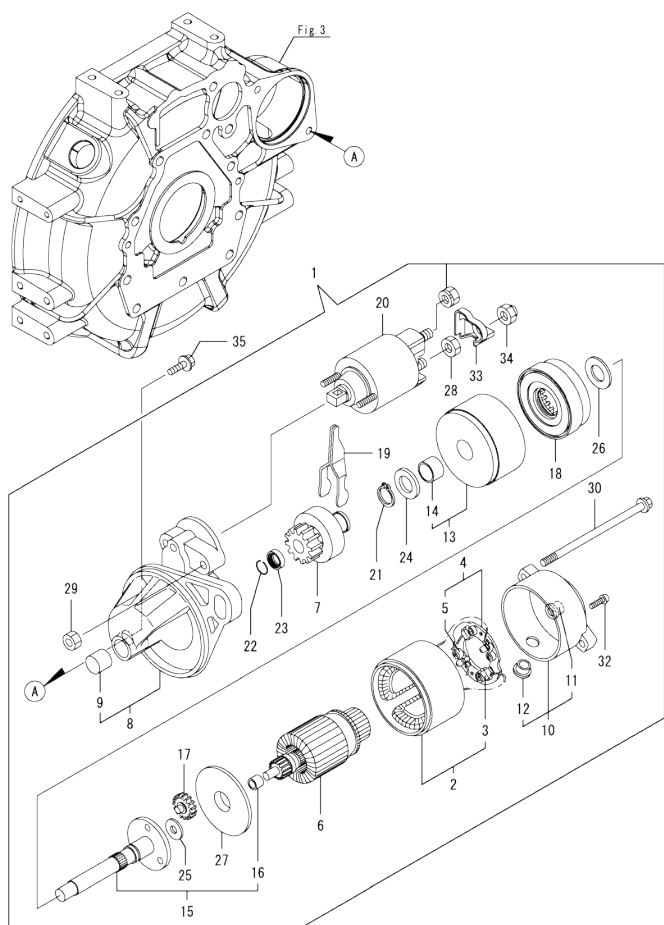
Fig.14. FUEL FILTER



(A)=3TNV80F-SNFK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
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	119833-55621	FILTER ASSY, FUEL	1							
6	2	104200-55330	SPRING, VALVE	1							
7	2	119810-55340	LEVER	1							
8	2	121254-55510	COVER	1							
9	2	102103-55520	O-RING	1							
10	2	110250-55610	RING, RETAINING	1							
11	2	121250-55620	SPRING	1							
12	2	119810-55650	ELEMENT	1							
13	2	104200-55750	SCREW, M4	1							
14	2	24311-240100	O-RING, 1AP10A	1							
15	1	129335-55701	SEPARATOR ASSY,WATER	1							
16	2	104200-55321	VALVE, TAPER	1							
17	2	104200-55330	SPRING, VALVE	1							
18	2	104200-55341	HANDLE	1							
19	2	124064-55510	COVER	1							
20	2	102103-55520	O-RING	1							
21	2	110250-55610	RING, RETAINING	1							
22	2	121257-55720	SPRING	1							
23	2	121257-55731	FLOAT	1							
25	2	101720-55750	PLUG, 6	2							
26	2	104200-55750	SCREW, M4	1							
27	2	171081-55910	SCREEN	1							
28	2	23418-060000	GASKET, 6X1.0	2							
29	2	24311-240100	O-RING, 1AP10A	1							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-77010	STARTER, P.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	X2534000090	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	X1280330020	COVER, TERMINAL	1							
34	2	X1289510130	NUT	1							
35	1	26106-100252	BOLT, M10X 25 PLATED	2							

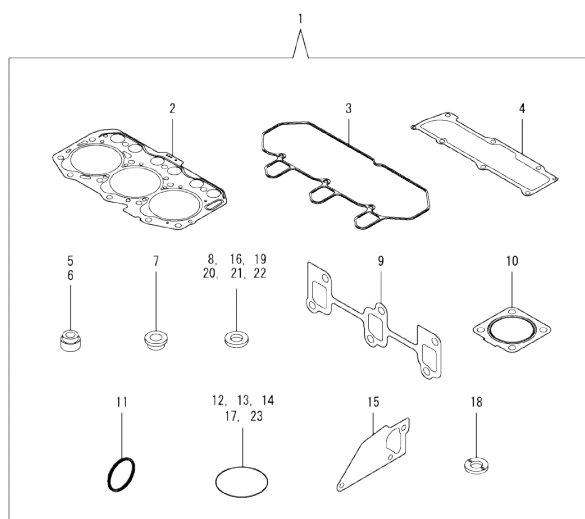
Fig.16. GENERATOR

(A)=3TNV80F-SNFK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129423-77200	GENERATOR, 12V-40A	1							
2	2	X9490561001	NUT	1							
3	2	119620-77380	ROTOR ASSY	1							
4	3	123501-79240	BEARING, BALL	1							
5	3	119620-79250	COVER	1							
6	2	119620-77421	FRAME ASSY, DRIVE	1							
7	3	119620-79200	BEARING, BALL	1							
8	3	119620-79210	PLATE, RETAINER	1							
9	3	119620-79220	SCREW	4							
10	3	119620-79230	STUD	2							
11	2	119620-77440	FRAME ASSY	1							
12	2	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	119230-77330	ADJUSTER	1							
31	1	124732-77340	SPACER	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	119802-77200	RELAY, SAFETY	1							
36	1	119C10-77600	DRIVER	1							
37	1	119650-77911	RELAY ASSY, GLOW	2							
40	1	129155-77925	TIMER	1							
41	1	129211-77920	TIMER	1							

Fig.17. GASKET SET



Remarks

Remarks
(1)Optional parts.

0CD50-M00970 Fig.17

(A)=3TNV80F-SNFK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119E40-92610	GASKET KIT	1							1
2	2	119E10-01330	GASKET SET, 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	119C10-21930	PACKING, WASHER	1							
12	2	119624-32040	O-RING, P12.0	1							
13	2	119717-32050	O-RING, P17.0	3							
14	2	119717-32060	O-RING, P15.0	1							
15	2	119717-42020	GASKET, WATER PUMP	1							
16	2	124465-44950	GASKET, 16	2							
17	2	121850-51960	O-RING	1							
18	2	129901-59560	GASKET	3							
19	2	22190-080002	WASHER, SEAL 8	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							

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:Qty Change
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103854-39140	14	1
104200-55321	14	16
104200-55330	14	6
		17
104200-55341	14	18
104200-55750	14	13
		26
105010-11490	4	3
105027-12580	5	6
105311-01090	1	4
105425-01690	3	9
110250-55610	14	10
		21
114110-07761	14	4
114250-39450	9	11
119131-18320	6	5
119140-12680	5	8
119226-07900	4	54
119230-77330	16	30
119233-12700	5	9
119233-77932	12	127
119255-44660	10	41
119285-01990	1	6
119285-11990	4	11
119305-35151	9	17
119336-12570	5	5
119515-13200	6	7
		11
	17	10
119515-61440	12	13
119540-12510	5	2
119540-59570	13	39
119600-11460	4	2
	17	8
119620-01750	3	3
119620-02020	1	7
119620-11280	4	26
119620-13550	6	12
119620-14200	7	1
119620-21500	8	7
119620-59700	13	43
119620-77380	16	3
119620-77421	16	6
119620-77440	16	11
119620-77461	16	12
119620-77471	16	13

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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
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	5
119624-32040	2	18
	17	12
119626-44741	10	19
119629-49080	10	47
119632-12211	5	15
119643-66900	16	34
119650-77911	16	37
119655-12560	5	4
119660-01911	2	17
119660-61901	12	62
119717-01501	2	1
119717-01521	2	5
119717-01570	2	2
119717-01601	3	2
119717-01720	3	7
119717-01750	2	16
119717-01800	2	7
119717-02411	1	10
119717-02930	1	23
119717-03031	4	36
119717-03070	4	37
		38
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
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119717-11340	4	18

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119717-11340	17	5
119717-11350	4	19
	17	6
119717-11381	4	35
119717-11650	4	27
119717-11800	4	58
119717-13109	6	1
119717-13110	6	2
	17	9
119717-13550	6	8
119717-13600	6	3
119717-14400	7	2
119717-14581	7	3
119717-21200	8	4
119717-23200	8	27
119717-23601	8	28
119717-23611	8	31
119717-23910	8	30
119717-25050	7	9
119717-25101	7	10
119717-25911	7	17
119717-25930	7	15
119717-32050	2	19
	17	13
119717-32060	9	5
	17	14
119717-32080	2	9
119717-32100	2	8
119717-32110	2	13
119717-32120	2	14
119717-35080	9	6
119717-35140	9	3
119717-39210	9	12
119717-42020	10	13
	17	15
119717-42031	10	3
119717-42041	10	4
119717-49800	10	23
119717-51150	7	16
119717-51420	11	63
119717-51711	11	88
119717-51750	11	89
119717-51761	11	90
119717-51860	11	104
119717-51930	12	2
119717-59510	13	32
119717-61050	12	3
119717-61060	12	93
119717-61070	12	4
119717-77010	15	1

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119717-77820	4	57
119718-11310	4	45
	17	3
119734-01590	2	3
119740-01770	3	8
119740-34801	9	1
119740-42350	10	17
119761-12020	5	1
119761-12540	5	10
119802-03100	4	39
119802-03110	4	40
119802-03121	4	41
119802-03131	4	42
119802-03141	4	43
119802-32130	2	15
119802-44570	10	40
119802-44600	10	32
119802-49010	10	42
119802-77200	16	35
119808-12540	5	3
119810-01200	1	26
119810-02941	1	34
119810-55340	14	7
119810-55650	14	12
119813-59950	13	44
119833-55621	14	5
119840-59570	13	42
119865-21600	8	10
119940-49020	10	43
119C00-61900	12	79
119C00-61901	12	79 -1
119C10-21930	8	13
	17	11
119C10-21940	8	14
119C10-42320	10	9
119C10-51250	11	125
119C10-53000	13	1
119C10-53010	13	3
119C10-77600	16	36
119C40-21650	8	11
119E00-01560	1	1
119E10-01330	1	27
	17	2
119E10-11100	4	13
119E10-11110	4	14
119E10-11740	4	4
119E10-21700	8	1
119E10-22080	8	16
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119E10-22550	8	34
119E10-22900	8	33
119E10-23000	8	24
119E10-42000	10	1
119E10-51250	11	125 -1
119E10-59810	13	20
119E10-59820	13	24
119E10-59830	13	28
119E40-21590	8	8
119E40-92610	17	1
121250-44901	10	27
121250-55620	14	11
121254-55510	14	8
121257-55720	14	22
121257-55731	14	23
121450-42450	10	26
121450-44531	10	35
121468-44520	10	34
121470-44581	10	38
121520-34810	9	2
121550-49111	10	25
121850-51960	2	20
	17	17
122710-51090	11	8
123501-79240	16	4
124060-01050	1	11
124064-55510	14	19
124066-59100	13	40
124085-02220	3	4
124160-01751	2	28
	4	34
124160-01910	1	12
124450-44560	10	37
124465-44950	10	28
	29	
	17	16
124732-77340	16	31
127694-91050	10	49
129001-32320	2	11
129001-32330	2	12
129004-44500	10	30
129005-59830	9	13
129030-44760	10	20
129052-79270	16	17
129100-01580	3	1
	8	2
129100-52101	11	108
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129150-49100	10	44
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129423-77200	16	1
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129900-32130	2	10
129901-11450	4	1
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129901-53800	13	4
129901-59560	13	38
	17	18
129916-49740	10	10
129972-77341	16	32
129E00-13610	6	4
158552-61900	12	82
158600-51270	11	52
158600-51410	11	62
158600-51420	11	64
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171081-55910	14	27
22190-080002	9	14
		16
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23876-005000	4	12
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		29
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26013-080222	5	12
26014-060122	10	33
26022-050122	11	99
26106-060102	9	10
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26106-060142	5	13
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	12	89
26106-060162	2	22
	11	126 -1
26106-060202	4	52
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26106-060352	7	13
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26106-060502	10	21
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	10	15
26106-080142	11	127
26106-080162	4	55
	5	14
	11	127 -1
26106-080202	10	24
	16	33
26106-080252	6	9
26106-080302	3	13
26106-080402	4	33
26106-080452	3	14
26106-080502	3	15
	10	16
26106-100252	15	35
26106-100452	16	29
26206-100252	3	5
26206-100302	3	6
26306-080002	2	27
	6	6
		10
26366-080002	12	68
26577-060122	10	11
26716-120002	11	101
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27241-250000	10	12
719717-02901	1	28
719717-02911	1	31
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X0280626010	15	12
X0280996180	15	3
X0281007750	15	2
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X0284105040	15	13
X0284525010	15	27
X0285007030	15	10
X0285105190	15	4
X0285205030	15	5
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