

0CD50-M01370EN

P R E F A C E

This parts catalog is the 1st edition of 3TNV88-BDPP.

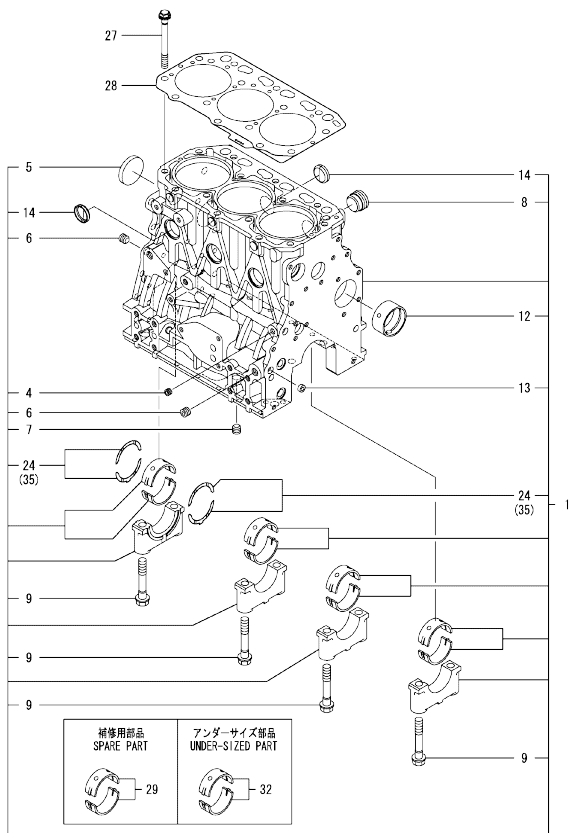
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Fig.1. CYLINDER BLOCK



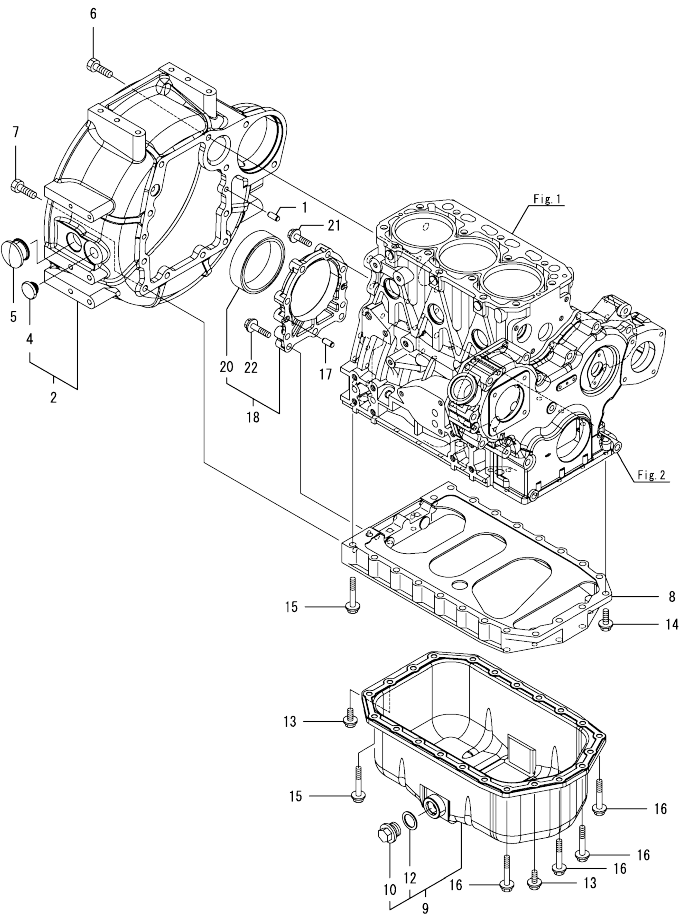
Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

(A)=3TNV88-BDPP
(B)=
(C)=

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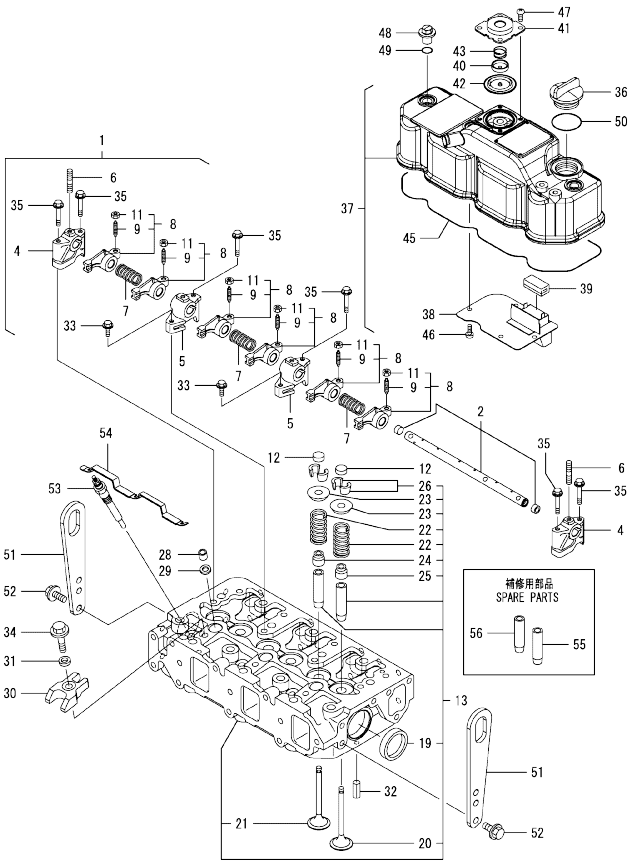
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729005-01560	BLOCK ASSY, CYLINDER	1							
4	2	124060-01050	PLUG, PT1/8	1							
5	2	129001-01250	PLUG, DISH TYPE 50	1							
6	2	124160-01910	PLUG, PT1/4	2							
7	2	124160-01910	PLUG, PT1/4	1							
8	2	171051-01921	PLUG, NPTF1	1							
9	2	129150-02020	BOLT, METAL CAP	8							
12	2	129795-02412	BUSH, CAMSHAFT	1							
13	2	27241-120000	PLUG, 12	2							
14	2	27241-300000	PLUG 30	6							
24	2	129150-02931	BEARING ASSY, THRUST	2							
27	1	129150-01200	BOLT, CYLINDER HEAD	14							
28	1	129001-01340	GASKET, HEAD	1							
29	1	129001-02931	BEARING ASSY, MAIN	4							1
32	1	129150-02871	BEARING ASSY, MAIN	4							2
35	1	129150-02941	BEARING, THRUST 0.25	1							3

Fig.3. FLYWHEEL HOUSING & OIL SUMP



				OCD50-M01370 Fig.3							
				(A)=3TNV88-BDPP			(D)=				
				(B)=			(E)=				
				(C)=			(F)=				
							Q'ty				
							(A) (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	119888-01601	HOUSING, FLYWHEEL	1							
4	2	119888-01850	PLUG, RUBBER	1							
5	1	119620-01750	CAP	1							
6	1	26206-100252	BOLT, M10X 25 PLATED	6							
7	1	26206-100302	BOLT, M10X 30 PLATED	4							
8	1	129100-01730	SPACER, OIL-PAN	1							
9	1	129100-01760	OIL PAN ASSY	1							
10	2	119640-01640	PLUG, DRAIN M22	1							
12	2	22190-220002	WASHER, SEAL 22	1							
13	1	26106-080162	BOLT, M8X 16 PLATED	4							
14	1	26106-080252	BOLT, M8X 25 PLATED	2							
15	1	26106-080452	BOLT, M8X 45 PLATED	16							
16	1	26106-080502	BOLT, M8X 50 PLATED	4							
17	1	129100-01580	PIN, PARALLEL 8X16	2							
18	1	129100-01640	CASE ASSY, OIL SEAL	1							
20	2	129795-01780	SEAL, OIL	1							
21	1	129486-01670	BOLT, M8X30	6							
22	1	26106-080352	BOLT, M8X 35 PLATED	3							

Fig.4. CYLINDER HEAD & BONNET



Remarks
(1)Spare parts.

(A)=3TNV88-BDPP
(B)=
(C)=

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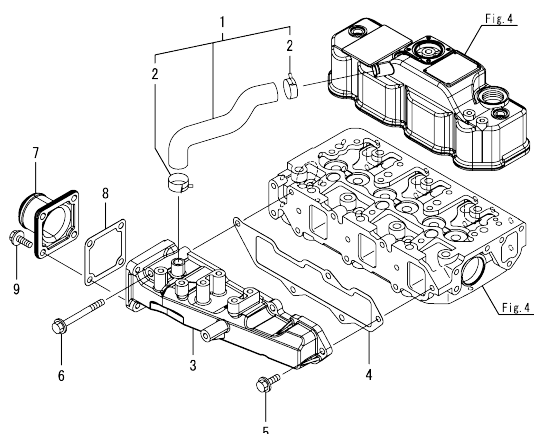
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-11241	SHAFT ASSY, ROCKER	1							
2	2	129004-11251	SHAFT, ROCKER ARM	1							
4	2	119802-11260	SUPPORT, ROCKER ARM	2							
5	2	119802-11270	SUPPORT, ROCKER ARM	2							
6	2	119802-11280	BOLT, STUD	3							
7	2	129150-11280	SPRING, ROCKER	3							
8	2	129004-11650	ARM ASSY, ROCKER	6							
9	3	129150-11230	SCREW, VALVE ADJUST	6							
11	3	129150-11750	NUT, M8	6							
12	1	129150-11370	CAP, VALVE	6							
13	1	129008-11710	HEAD ASSY, CYLINDER	1							
19	2	27241-400000	PLUG, 40	2							
20	2	129005-11100	VALVE, SUCTION	3							
21	2	129100-11112	VALVE, EXHAUST	3							
22	2	129795-11120	SPRING, VALVE	6							
23	2	129795-11180	RETAINER, SPRING	6							
24	2	121400-11340	SEAL, VALVE STEM	3							
25	2	124460-11340	SEAL, VALVE STEM	3							
26	2	27310-080001	COTTER, 8	6							
28	1	119802-11870	PROTECTOR, NOZZLE	3							
29	1	119625-11880	SEAT, NOZZLE	3							
30	1	129004-11900	RETAINER, NOZZLE	3							
31	1	120270-54410	WASHER, INJECTOR	3							
32	1	22351-060012	PIN, SPRING 6.0X12	2							
33	1	26106-080252	BOLT, M8X 25 PLATED	2							
34	1	26106-080352	BOLT, M8X 35 PLATED	3							
35	1	26106-080502	BOLT, M8X 50 PLATED	6							
36	1	124160-01751	CAP, FILLER	1							
37	1	129004-11350	BONNET ASSY, HEAD	1							
38	2	129004-03010	PLATE, BAFFLE	1							
39	2	129150-03070	BAFFLE, BREATHER	1							
40	2	119802-03110	PLATE, DIAPHRAGM	1							
41	2	119802-03121	COVER, DIAPHRAGM	1							
42	2	119802-03130	DIAPHRAGM	1							
43	2	119802-03141	SPRING, DIAPHRAGM	1							
45	2	129004-11310	GASKET, BONNET	1							
46	2	22857-500100	SCREW, 5X10	4							
47	2	22857-500100	SCREW, 5X10	4							
48	1	124160-11360	KNOB	3							
49	1	24311-000120	O-RING, 1AP12.0	3							
50	1	24311-000320	O-RING, 1AP32.0	1							
51	1	129900-07900	LIFTER, ENGINE	2							
52	1	26106-080162	BOLT, M8X 16 PLATED	4							
53	1	129008-77800	PLUG, GLOW	3							
54	1	129008-77820	CONNECTOR, GLOW PLUG	1							
55	1	120130-11860	GUIDE, VALVE	3							1
56	1	129150-11810	GUIDE, VALVE	3							1

Fig.5. SUCTION MANIFOLD

(D)=
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No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129004-03080	HOSE ASSY. BREATHER	1							
2	2	129410-03990	CLAMP, HOSE 21.5	2							
3	1	129004-12101	MANIFOLD, AIR INTAKE	1							
4	1	129001-12110	GASKET, MANIFOLD	1							
5	1	26106-080202	BOLT, M8X 20 PLATED	4							
6	1	26106-080802	BOLT, M8X 80 PLATED	1							
7	1	129486-12581	JOINT, MANIFOLD	1							
8	1	129150-77511	GASKET, AIR HEATER	1							
9	1	26106-080202	BOLT, M8X 20 PLATED	4							



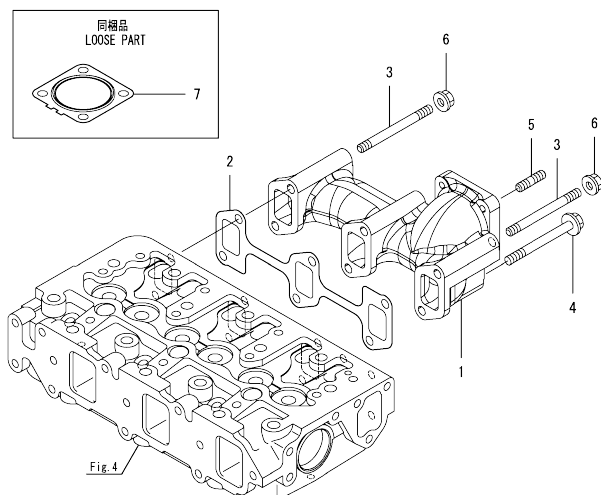
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.6. EXHAUST MANIFOLD

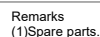
(D)=
(E)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129100-13110	MANIFOLD, EXHAUST	1							
2	1	129150-13110	GASKET, EXH.MANIFOLD	1							
3	1	123900-13610	BOLT, STUD M8X80	2							
4	1	129E00-13640	BOLT, M8X80 10.9T	4							
5	1	119131-18320	BOLT, STUD M8X22	4							
6	1	26306-080002	NUT, M8	2							
7	1	129004-13200	GASKET, SILENCER	1							



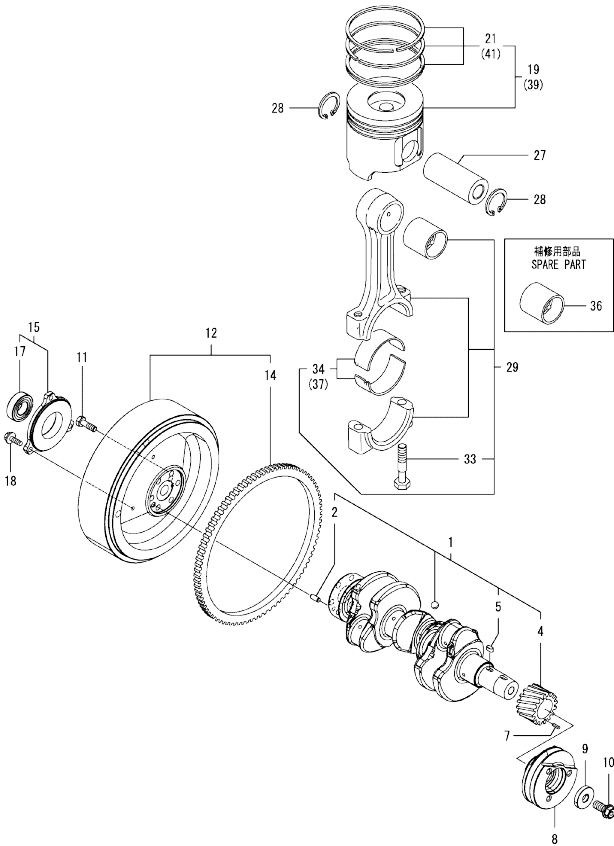
N:Old $\frac{\text{Yes}}{\text{No}}$ New. Q:Old $\frac{\text{No}}{\text{Yes}}$ New. R:Old $\frac{\text{Yes}}{\text{Yes}}$ New. S:Old $\frac{\text{No}}{\text{No}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change



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

OCD50-M01370 3TNV88-BDPP

Fig.8. CRANKSHAFT & PISTON



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

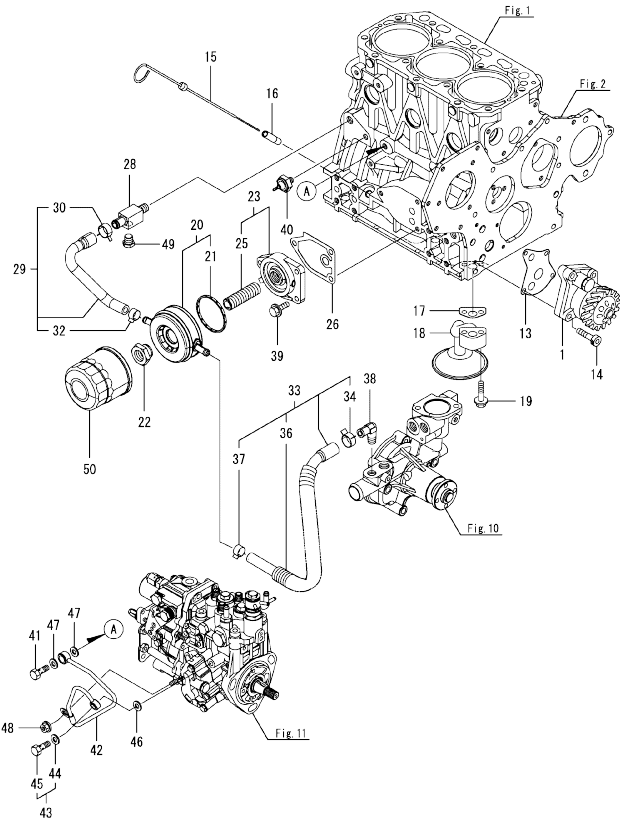
OCD50-M01370 Fig.8

(A)=3TNV88-BDPP
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129008-21000	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, PARALLEL 8X16	1							
4	2	119803-21200	GEAR, CRANKSHAFT	1							
5	2	22512-070140	KEY, 7X 14	1							
7	1	22351-030010	PIN, SPRING 3.0X10	1							
8	1	129004-21650	V-PULLEY, CRANK 110	1							
9	1	129795-21661	WASHER	1							
10	1	121850-21680	BOLT	1							
11	1	121111-21501	BOLT, FLYWHEEL	6							
12	1	129188-21590	FLYWHEEL ASSY	1							
14	2	119865-21600	GEAR, RING Z=116	1							
15	1	119888-21450	RETAINER, BEARING	1							
17	2	24104-062054	BEARING, BALL 6205UU	1							
18	1	26106-080222	BOLT, M8X 22 PLATED	3							
19	1	129005-22080	PISTON ASSY	3							
21	2	129005-22500	RING SET, PISTON	3							
27	1	129202-22300	PIN, PISTON D26 L70	3							
28	1	22252-000260	RING, 26	6							
29	1	729402-23100	ROD ASSY, CONNECTING	3							
33	2	121550-23200	BOLT, CONNECTING ROD	6							
34	2	129150-23601	BEARING, CRANK PIN	3							
36	1	129100-23910	BEARING, PISTON PIN	3							1
37	1	129150-23611	BEARING, 0.25 US	3							2
39	1	129005-22900	PISTON ASSY, 0.25 OS	3							3
41	2	129005-22950	RING SET, 0.25 OS	3							3

Fig.9. LUB. OIL SYSTEM



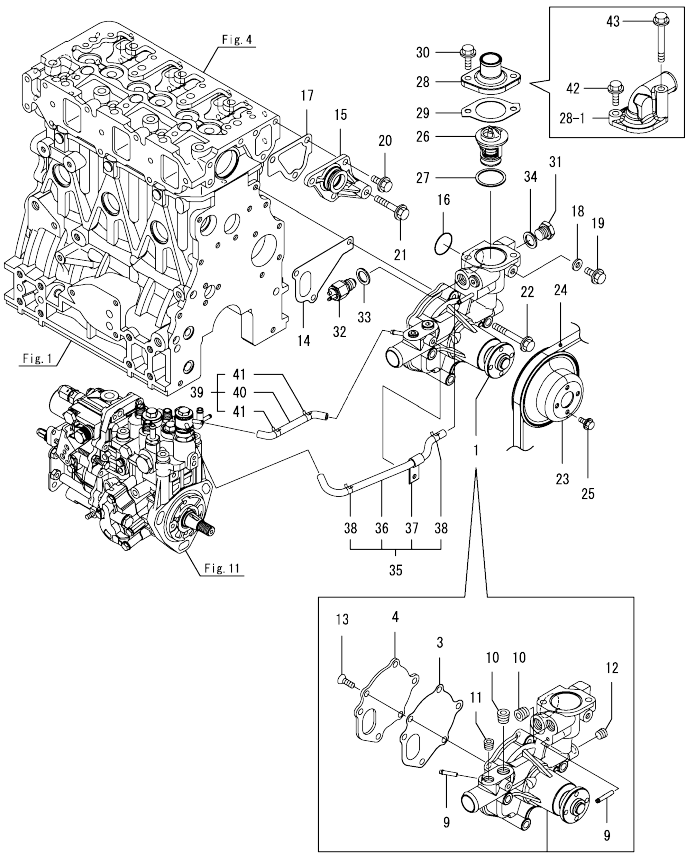
Remarks
(1)Spare parts.

(A)=3TNV88-BDPP
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129001-32002	PUMP ASSY, OIL	1							
13	1	129150-32020	GASKET, PUMP	1							
14	1	26450-060252	BOLT, M6X 25	4							
15	1	129004-34802	DIPSTICK	1							
16	1	121520-34810	GUIDE, DIPSTICK	1							
17	1	129150-35042	GASKET	1							
18	1	129100-35301	PIPE ASSY, OIL INLET	1							
19	1	26106-080352	BOLT, M8X 35 PLATED	2							
20	1	129508-33031	COOLER ASSY, OIL	1							
21	2	129508-33060	PACKING, OIL COOLER	1							
22	1	129417-33111	NUT, OIL COOLER	1							
23	1	129006-35100	BRACKET ASSY, FILTER	1							
25	2	129417-35150	BOLT, STUD M20X67	1							
26	1	129150-35111	GASKET	1							
28	1	129006-44480	JOINT	1							
29	1	129508-49030	HOSE ASSY, WATER	1							
30	2	171008-03990	CLAMP, HOSE 18.5	1							
32	2	23080-015000	CLAMP, 15	1							
33	1	129006-49040	HOSE ASSY, WATER	1							
34	2	171008-03990	CLAMP, HOSE 18.5	1							
36	2	129642-49180	TUBE, CORRUGATED 19	1							
37	2	23080-015000	CLAMP, 15	1							
38	1	129103-49301	ELBOW, PT1/4	1							
39	1	26106-080202	BOLT, M8X 20 PLATED	3							
40	1	114250-39450	SWITCH, HYDRAULIC	1							
41	1	124160-39140	BOLT, PIPE JOINT M10	1							
42	1	119802-39450	PIPE ASSY, OIL	1							
43	1	129005-59830	BOLT ASSY, JOINT M8	1							
44	2	22190-080002	WASHER, SEAL 8	1							
45	2	23857-030000	BOLT, JOINT 3	1							
46	1	22190-080002	WASHER, SEAL 8	1							
47	1	22190-100002	WASHER, SEAL 10	2							
48	1	26366-060002	NUT, M6	1							
49	1	171056-49120	PLUG, DRAIN R1/4	1							
50	1	129150-35153	FILTER ASSY, D80X80L	1							1

Fig.10. COOLING WATER SYSTEM

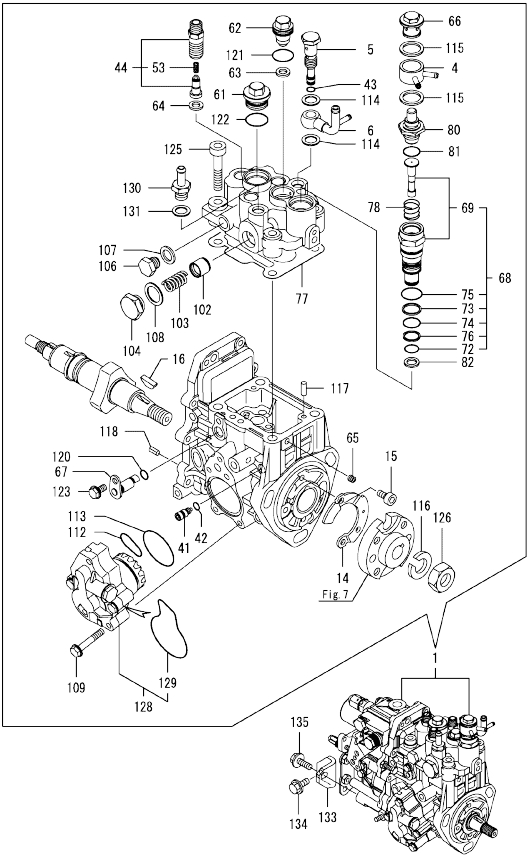


(A)=3TNV88-BDPP
(B)=
(C)=

(D)=
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(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-42001	PUMP ASSY, WATER	1							
3	2	129100-42051	GASKET, WATER PUMP	1							
4	2	129100-42121	PLATE, PUMP	1							
9	2	119802-49113	JOINT, PIPE	2							
10	2	129916-49740	PLUG, R3/8	2							
11	2	23875-020000	PLUG, R02	1							
12	2	23876-010000	PLUG, R01	1							
13	2	26577-060142	SCREW M 6X 14	3							
14	1	129486-42021	GASKET, WATER PUMP	1							
15	1	129004-42040	JOINT, WATER PIPE	1							
16	1	129486-42140	O-RING, G30	1							
17	1	124395-49840	GASKET, THERMOSTAT	1							
18	1	23414-080000	GASKET, 8X1.0	1							
19	1	26106-080122	BOLT, M8X 12 PLATED	1							
20	1	26106-080162	BOLT, M8X 16 PLATED	3							
21	1	26106-080452	BOLT, M8X 45 PLATED	1							
22	1	26106-080602	BOLT, M8X 60 PLATED	3							
23	1	129403-42380	V-PULLEY, PUMP	1							
24	1	25152-003600	V-BELT, A36	1							
25	1	26106-060122	BOLT, M6X 12 PLATED	4							
26	1	129155-49801	THERMOSTAT, 71C	1							
27	1	129150-49811	GASKET, THERMOSTAT	1							
28	1	129350-49530	COVER, THERMOSTAT	1							
28-1	1	124101-49531	COVER, THERMOSTAT	1							S
(A=EU5753)											
29	1	129795-49551	GASKET, COVER	1							
30	1	26106-080222	BOLT, M8X 22 PLATED	2							Z
(A=EU5753)											
31	1	121450-42450	PLUG, M16	1							
32	1	121250-44901	SWITCH, TEMPERATURE	1							
33	1	124465-44950	GASKET, 16	1							
34	1	124465-44950	GASKET, 16	1							
35	1	129004-49610	HOSE ASSY, WATER A	1							
36	2	129004-49711	HOSE, WATER A	1							
37	2	119802-49730	RETAINER, PIPE	1							
38	2	124722-59050	CLAMP, HOSE 9	2							
39	1	129004-49620	HOSE ASSY, WATER B	1							
40	2	129004-49721	HOSE, WATER B	1							
41	2	124722-59050	CLAMP, HOSE 9	2							
42	1	26106-080282	BOLT, M8X 28 PLATED	1							W
(A=EU5753)											
43	1	26106-080652	BOLT, M8X 65 PLATED	1							W
(A=EU5753)											

Fig.11. FUEL INJECTION PUMP



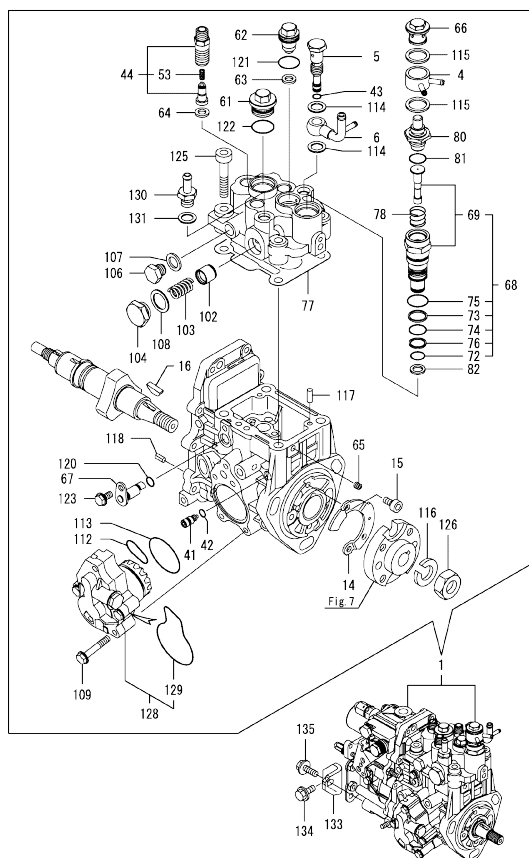
Remarks
(1)Governor(Fig.12) is incorporated in this Fuel Injection Pump(No.1).

(A)=3TNV88-BDPP
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729285-51400	PUMP ASSY, INJECTION	1							1
4	2	158553-51551	JOINT, COOLING WATER	1							
5	2	158601-51650	JOINT, OVER FLOW	1							
6	2	158552-51670	JOINT, OVER FLOW	1							
14	2	129008-51900	COVER, PUMP	1							
15	2	129008-51920	BOLT, SOCKET M6X10	2							
16	2	119802-51090	FEATHER KEY, 4X16	1							
41	2	158600-51270	STOPPER, TAPPET	1							
42	2	158563-51281	O-RING, 4D S6	1							
43	2	158563-51281	O-RING, 4D S6	1							
44	2	129008-51390	VALVE ASSY, DELIVERY	3							
53	3	158563-51330	SPRING, DELIVERY	3							
61	2	158601-51550	PLUG, M22	1							
62	2	119802-51560	PLUG, M14	1							
63	2	158552-51571	GASKET, PLUG	1							
64	2	158552-51571	GASKET, PLUG	3							
65	2	158557-51570	PLUG, RACK	1							
66	2	158601-51570	PLUG	1							
67	2	158552-51580	LIFTER, LINK	1							
68	2	119802-51590	TIMER ASSY	1							
69	3	119802-51600	TIMER ASSY	1							
72	3	158553-51670	O-RING	1							
73	3	119802-51680	RING, BACKUP	1							
74	3	119802-51690	O-RING	1							
75	3	24356-190200	O-RING, 4D19020	1							
76	3	24372-000150	RING, BACK UP T2P15	1							
77	2	158552-51600	GASKET	1							
78	2	158553-51630	SPRING, TIMER	1							
80	2	158553-51650	THERMOELEMENT	1							
81	2	158553-51660	O-RING, P14	1							
82	2	158553-51680	GASKET, TIMER	1							
102	2	158601-51770	PISTON, ACCUMULATOR	1							
103	2	158552-51781	SPRING, ACCUMULATOR	1							
104	2	158601-51790	PLUG	1							
106	2	158553-51930	PLUG, M12	1							
107	2	22190-120002	WASHER, SEAL 12	1							
108	2	22190-180002	WASHER, SEAL 18	1							
109	2	158553-51770	BOLT	4							
112	2	158552-52311	O-RING	1							
113	2	158552-52400	O-RING, 4E S42	1							
114	2	22190-120002	WASHER, SEAL 12	2							
115	2	22190-180002	WASHER, SEAL 18	2							
116	2	22217-140000	WASHER, SPRING 14	1							
117	2	22312-050140	PIN, PARALLEL 5X14	2							
118	2	22351-050010	PIN, SPRING 5.0X10	2							
120	2	24311-000070	O-RING, 1AP7.0	1							
121	2	24356-190180	O-RING, 4D19018	1							
122	2	24356-190200	O-RING, 4D19020	1							
123	2	26106-060102	BOLT, M6X 10 PLATED	1							
125	2	26450-080452	BOLT, M8X 45	4							
126	2	26776-140002	NUT, LOCK M14	1							

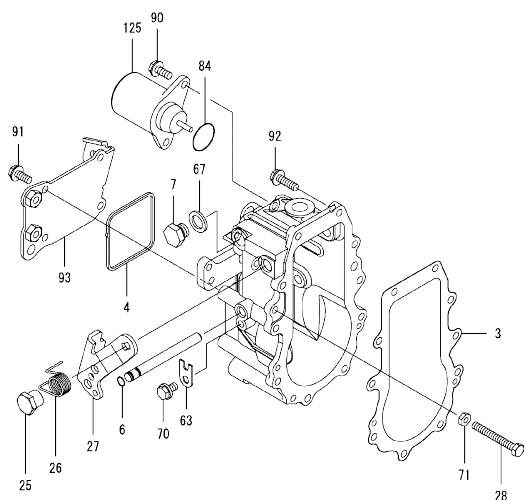
N:Old $\frac{100}{100}$ New, O:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
128	2	158552-52100	PUMP ASSY, FUEL FEED	1							
129	3	158552-52500	O-RING	1							
130	2	119934-59910	JOINT, PIPE	1							
131	2	22190-120002	WASHER, SEAL 12	1							
133	1	119802-51250	RETAINER, PUMP	1							
134	1	26106-080162	BOLT, M8X 16 PLATED	1							
135	1	26106-080202	BOLT, M8X 20 PLATED	1							

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



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	2	158553-61050	GASKET	1							
4	2	158553-61070	GASKET	1							
6	2	129155-51280	O-RING, S6	1							
7	2	158553-51930	PLUG, M12	1							
25	2	129255-61410	NUT, M8	1							
26	2	119807-61420	SPRING, RETURN	1							
27	2	158552-61441	LEVER, REGULATOR	1							
28	2	129155-61460	BOLT, LIMITING	1							
63	2	119660-61901	STOPPER, SHAFT	1							
67	2	22190-120002	WASHER, SEAL 12	1							
70	2	26106-060102	BOLT, M6X 10 PLATED	1							
71	2	26756-060002	NUT, LOCK M6	1							
84	2	158552-61900	O-RING	1							
90	2	26106-060142	BOLT, M6X 14 PLATED	2							
91	2	26106-060142	BOLT, M6X 14 PLATED	4							
92	2	26106-060202	BOLT, M6X 20 PLATED	10							
93	2	158552-61061	COVER, GOVERNOR CASE	1							
125	2	119653-77950	SOLENOID, STOP	1							

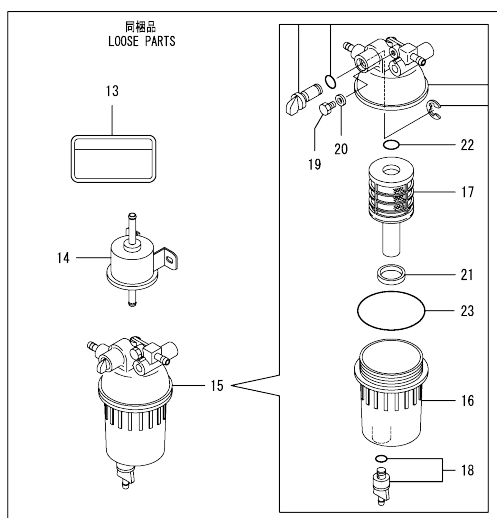
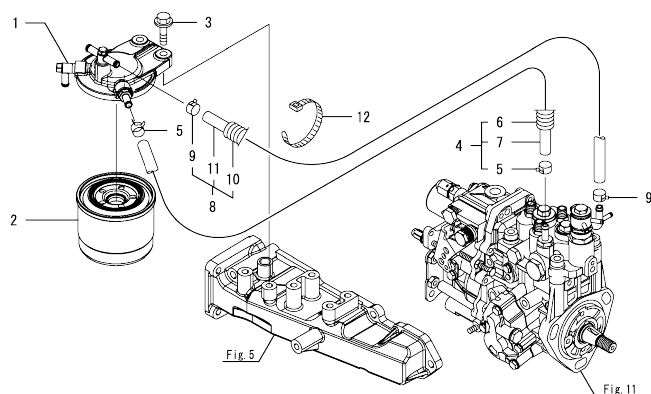
N:Old $\xrightarrow{\text{Yes}} \text{New}$, Q:Old $\xrightarrow{\text{No}} \text{New}$, R:Old $\xrightarrow{\text{Yes}} \text{New}$, S:Old $\xrightarrow{\text{No}} \text{New}$, W:Add, Z:Discontinued, F:Interchangeable by set, K:Qty Change

Fig.13. FUEL INJECTION VALVE

(A)=3TNV88-BDPP
(B)=
(C)=

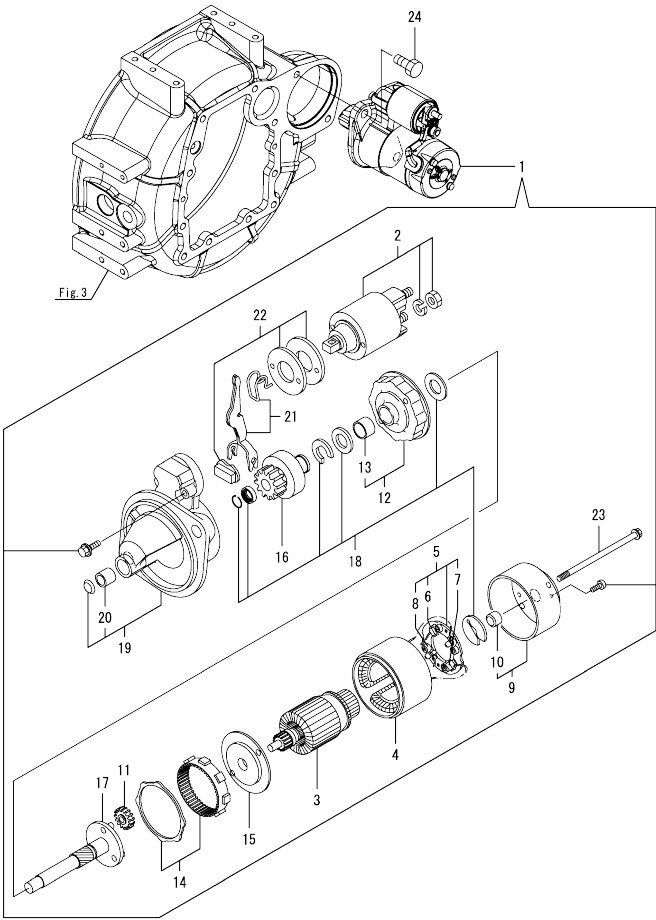
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729604-53400	VALVE ASSY, INJECTION	3							
2	2	114250-53080	NUT, NOZZLE	3							
8	2	114250-53120	SPRING, NOZZLE	3							
9	2	114250-53130	SEAT, SPRING	3							
10	2	114250-53140	SPACER	3							
11	2	114250-53210	PIN	6							
12	2	129604-53300	NOZZLE ASSY, F.I.	3							
15	2	119803-53400	SHIM SET	3							
42	1	129150-59120	RETAINER, PIPE	2							
45	2	129150-59131	BOLT, M4X14	4							
47	1	129004-59811	PIPE ASSY, INJECTION	1							
51	1	129004-59821	PIPE ASSY, INJECTION	1							
55	1	129004-59831	PIPE ASSY, INJECTION	1							
60	1	119802-59550	HOSE ASSY, RETURN	1							
61	2	124722-59050	CLAMP, HOSE 9	2							
62	2	119802-59560	HOSE, FUEL RETURN	1							
63	1	129486-59551	HOSE ASSY, RETURN	2							
64	2	124722-59050	CLAMP, HOSE 9	4							
66	1	119593-59581	CAP	1							
67	1	124060-77680	CLAMP, HOSE 10	1							



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-55612	BRACKET, FILTER	1							
2	1	119802-55801	FILTER, FUEL	1							
3	1	26106-080302	BOLT, M8X 30 PLATED	2							
4	1	129044-59010	HOSE ASSY, D13XL220	1							
5	2	124766-59050	CLAMP, HOSE 11.5	2							
6	2	129044-59100	TUBE, CORRUGATED 15	1							
7	2	129044-59510	HOSE, FUEL L=220	1							
8	1	129950-59311	HOSE ASSY, FUEL	1							
9	2	124766-59050	CLAMP, HOSE 11.5	2							
10	2	129961-59110	TUBE, CORRUGATED 15	1							
11	2	105025-59580	HOSE, FUEL	1							
12	1	121750-59890	BAND, NYLON	1							
13	1	114110-07761	LABEL, FUEL OIL CAUT	1							
14	1	119225-52102	PUMP, FUEL FEED	1							
15	1	129242-55701	SEPARATOR ASSY, WATER	1							
16	2	129242-55720	CUP, SEPARATOR	1							
17	2	129242-55730	ELEMENT, FUEL	1							
18	2	129242-55740	PLUG, DRAIN	1							
19	2	129242-55750	VALVE, AIR VENT	1							
20	2	129242-55760	GASKET, PLUG	1							
21	2	129242-55770	FLOAT	1							
22	2	24311-000160	O-RING, 1AP16.0	1							
23	2	24321-000750	O-RING, 1AG75.0	1							

Fig.15. STARTER MOTOR

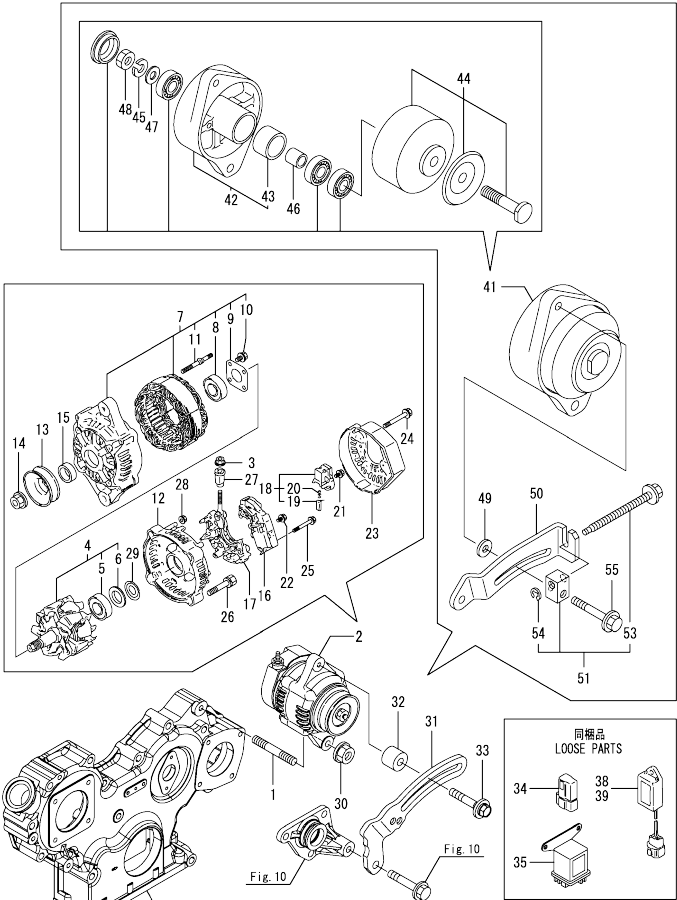


(A)=3TNV88-BDPP
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129242-77010	STARTER ASSY	1							
2	2	129698-77020	SWITCH ASSY, MAGNET	1							
3	2	129242-77100	ARMATURE ASSY	1							
4	2	129242-77110	YOKE ASSY	1							
5	2	129242-77120	HOLDER ASSY, BRUSH	1							
6	3	129242-77130	BRUSH	2							
7	3	129242-77140	BRUSH SET	1							
8	3	129242-77150	SPRING, BRUSH	4							
9	2	129242-77160	COVER ASSY	1							
10	3	129242-77170	BEARING, COVER	1							
11	2	118400-77170	GEAR, PLANETARY	3							
12	2	129242-77180	BRACKET, CENTER	1							
13	3	129698-77190	BRACKET, CENTER	1							
14	2	129698-77200	GEAR, INTERNAL	1							
15	2	129242-77210	BRACKET, CENTER	1							
16	2	129698-77220	PINION ASSY	1							
17	2	129698-77230	SHAFT, PINION	1							
18	2	129698-77250	WASHER SET	1							
19	2	129242-77260	CASE ASSY, GEAR	1							
20	3	X2114535200	BEARING, STARTER	1							
21	2	129242-77270	LEVER SET	1							
22	2	129242-77280	COVER KIT, DUST	1							
23	2	124195-77770	BOLT, THROUGH	2							
24	1	26116-120202	BOLT, M12X 20 PLATED	2							

Fig.16. GENERATOR



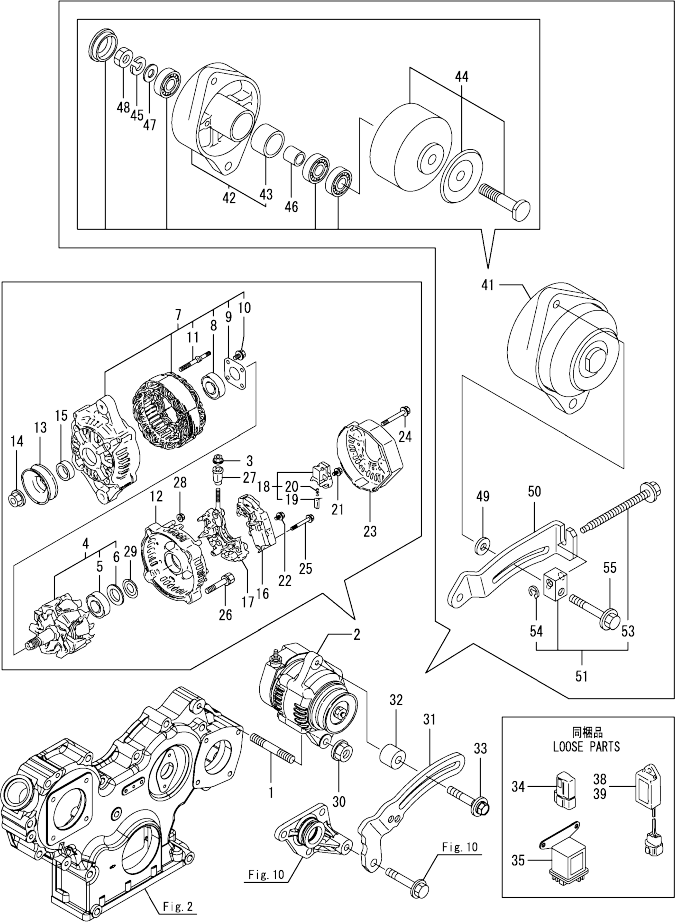
(A)=3TNV88-BDPP
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129795-01900	BOLT, M10X30	1							
2	1	129423-77200	GENERATOR, 12V-40A	1						Z	
		(A=EU5753)									
3	2	X9490561001	NUT	1						Z	
		(A=EU5753)									
4	2	119620-77380	ROTOR ASSY	1						Z	
		(A=EU5753)									
5	3	123501-79240	BEARING, BALL	1						Z	
		(A=EU5753)									
6	3	119620-79250	COVER, BEARING	1						Z	
		(A=EU5753)									
7	2	119620-77421	FRAME ASSY, DRIVE	1						Z	
		(A=EU5753)									
8	3	119620-79200	BEARING, BALL	1						Z	
		(A=EU5753)									
9	3	119620-79210	PLATE, RETAINER	1						Z	
		(A=EU5753)									
10	3	119620-79220	SCREW	4						Z	
		(A=EU5753)									
11	3	119620-79230	STUD	2						Z	
		(A=EU5753)									
12	2	119620-77440	FRAME ASSY, REAR	1						Z	
		(A=EU5753)									
13	2	119620-77461	PULLEY, GENERATOR	1						Z	
		(A=EU5753)									
14	2	119620-77471	NUT	1						Z	
		(A=EU5753)									
15	2	119620-77490	COLLAR	1						Z	
		(A=EU5753)									
16	2	129423-77710	REGULATOR ASSY	1						Z	
		(A=EU5753)									
17	2	119620-79260	HOLDER ASSY	1						Z	
		(A=EU5753)									
18	2	129052-79270	HOLDER ASSY, BRUSH	1						Z	
		(A=EU5753)									
19	3	119620-77480	BRUSH ASSY, SUB	2						Z	
		(A=EU5753)									
20	3	119620-79280	SPRING	2						Z	
		(A=EU5753)									
21	2	119620-79290	SCREW	6						Z	
		(A=EU5753)									
22	2	119620-79300	SCREW	1						Z	
		(A=EU5753)									
23	2	129240-79300	COVER	1						Z	
		(A=EU5753)									
24	2	119620-79310	BOLT	3						Z	
		(A=EU5753)									
25	2	119620-79320	SCREW, WWASHER	2						Z	
		(A=EU5753)									
26	2	119620-79330	BOLT	2						Z	
		(A=EU5753)									

N:Old $\frac{NBS}{100}$ New, Q:Old $\frac{HQ}{100}$ New, R:Old $\frac{RBS}{100}$ New, S:Old $\frac{HS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Fig.16. GENERATOR



(A)=3TNV88-BDPP
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
27	2	119620-79340 (A=EU5753)	BUSH, INSULATION	1							Z
28	2	119620-79350	NUT	2							Z
29	2	119620-79360 (A=EU5753)	WASHER, THRUST	1							Z
30	1	26306-100002	NUT, M10	1							
31	1	129064-77330	ADJUSTER, BELT	1							
32	1	129067-77340	SPACER, ADJUSTER	1							
33	1	129972-77341	BOLT, ADJUSTER L=50	1							
34	1	119643-66900	DIODE	1							
35	1	119650-77911	RELAY ASSY, GLOW	1							
38	1	128300-77920	TIMER, GLOW PLUG	1							
39	1	129211-77920	TIMER, SECTION 1	1							
41	1	129100-44300	PULLEY, TENSION	1							W
42	2	129100-44310 (A=EU5753)	PLATE ASSY	1							W
43	3	129100-44320 (A=EU5753)	PLATE, COIL	1							W
44	2	129100-44330	FLYWHEEL ASSY	1							W
45	2	129188-77200 (A=EU5753)	WASHER, SPRING	1							W
46	2	129118-77230 (A=EU5753)	COLLAR	1							W
47	2	129118-77240	WASHER, 10	1							W
48	2	129118-77250 (A=EU5753)	NUT, HEXAGON	1							W
49	1	106100-55800 (A=EU5753)	WASHER, TANK REAR	1							W
50	1	119823-77310 (A=EU5753)	ADJUSTER, BELT	1							W
51	1	129630-77350 (A=EU5753)	BLOCK ASSY, ADJUSTER	1							W
53	2	129630-77380 (A=EU5753)	BOLT, M8X100	1							W
54	2	22272-000050 (A=EU5753)	RING, E- 5	1							W
55	1	26106-080452 (A=EU5753)	BOLT, M8X 45 PLATED	1							W

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105025-59580	14	11
106100-55800	16	49
114110-07761	14	13
114250-39450	9	40
114250-53080	13	2
114250-53120	13	8
114250-53130	13	9
114250-53140	13	10
114250-53210	13	11
118400-77170	15	11
119131-18320	6	5
119225-52102	14	14
119593-59581	13	66
119609-32040	2	9
119620-01750	3	5
119620-77380	16	4
119620-77421	16	7
119620-77440	16	12
119620-77461	16	13
119620-77471	16	14
119620-77480	16	19
119620-77490	16	15
119620-79200	16	8
119620-79210	16	9
119620-79220	16	10
119620-79230	16	11
119620-79250	16	6
119620-79260	16	17
119620-79280	16	20
119620-79290	16	21
119620-79300	16	22
119620-79310	16	24
119620-79320	16	25
119620-79330	16	26
119620-79340	16	27
119620-79350	16	28
119620-79360	16	29
119625-11880	4	29
119640-01640	3	10
119643-66900	16	34
119650-77911	16	35
119653-77950	12	125
119660-61901	12	63
119802-01561	2	5
119802-03110	4	40
119802-03121	4	41
119802-03130	4	42
119802-03141	4	43
119802-11260	4	4
119802-11270	4	5

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119802-11280	4	6
119802-11870	4	28
119802-25071	7	20
119802-25101	7	10
119802-25901	7	15
119802-39450	9	42
119802-49113	10	9
119802-49730	10	37
119802-51090	11	16
119802-51250	11	133
119802-51560	11	62
119802-51590	11	68
119802-51600	11	69
119802-51680	11	73
119802-51690	11	74
119802-55801	14	2
119802-59550	13	60
119802-59560	13	62
119803-21200	8	4
119803-25050	7	9
119803-53400	13	15
119807-61420	12	26
119823-77310	16	50
119865-21600	8	14
119888-01601	3	2
119888-01850	3	4
119888-21450	8	15
119934-01800	2	3
119934-59910	11	130
120130-11860	4	55
120270-54410	4	31
121023-01551	2	22
121111-21501	8	11
121250-44901	10	32
121400-11340	4	24
121450-42450	10	31
121520-34810	9	16
121550-23200	8	33
121750-59890	14	12
121850-21680	8	10
121850-51960	2	10
123501-79240	16	5
123900-13610	6	3
124060-01050	1	4
124060-77680	13	67
124101-49531	10	28 -1
124160-01751	2	6
	4	36
124160-01910	1	6
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124160-11360	4	48
124160-39140	9	41
124195-77770	15	23
124240-01871	2	7
		19
124395-49840	10	17
124460-11340	4	25
124465-44950	10	33
		34
124722-59050	10	38
		41
	13	61
		64
124766-59050	14	5
		9
128300-77920	16	38
129001-01250	1	5
129001-01340	1	28
129001-02931	1	29
129001-12110	5	4
129001-32002	9	1
129004-03010	4	38
129004-03080	5	1
129004-11241	4	1
129004-11251	4	2
129004-11310	4	45
129004-11350	4	37
129004-11650	4	8
129004-11900	4	30
129004-12101	5	3
129004-13200	6	7
129004-21650	8	8
129004-34802	9	15
129004-42001	10	1
129004-42040	10	15
129004-49610	10	35
129004-49620	10	39
129004-49711	10	36
129004-49721	10	40
129004-55612	14	1
129004-59811	13	47
129004-59821	13	51
129004-59831	13	55
129005-11100	4	20
129005-22080	8	19
129005-22500	8	21
129005-22900	8	39
129005-22950	8	41
129005-59830	9	43
129006-35100	9	23

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129006-49040	9	33
129008-11710	4	13
129008-21000	8	1
129008-51390	11	44
129008-51900	11	14
129008-51920	11	15
129008-77800	4	53
129008-77820	4	54
129044-59010	14	4
129044-59100	14	6
129044-59510	14	7
129052-79270	16	18
129064-77330	16	31
129067-77340	16	32
129100-01580	3	1
		17
	8	2
129100-01640	3	18
129100-01730	3	8
129100-01760	3	9
129100-11112	4	21
129100-13110	6	1
129100-23910	8	36
129100-35301	9	18
129100-42051	10	3
129100-42121	10	4
129100-44300	16	41
129100-44310	16	42
129100-44320	16	43
129100-44330	16	44
129103-49301	9	38
129118-77230	16	46
129118-77240	16	47
129118-77250	16	48
129129-14580	7	3
129150-01200	1	27
129150-02020	1	9
129150-02450	7	4
129150-02871	1	32
129150-02931	1	24
129150-02941	1	35
129150-03070	4	39
129150-11230	4	9
129150-11280	4	7
129150-11370	4	12
129150-11750	4	11
129150-11810	4	56
129150-13110	6	2
129150-14101	7	6

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129150-14200	7	1
129150-14400	7	2
129150-23601	8	34
129150-23611	8	37
129150-25301	7	14
129150-32020	9	13
129150-35042	9	17
129150-35111	9	26
129150-35153	9	50
129150-49811	10	27
129150-59120	13	42
129150-59131	13	45
129150-77511	5	8
129155-49801	10	26
129155-51280	12	6
129155-61460	12	28
129188-21590	8	12
129188-77200	16	45
129202-22300	8	27
129211-77920	16	39
129240-79300	16	23
129242-55701	14	15
129242-55720	14	16
129242-55730	14	17
129242-55740	14	18
129242-55750	14	19
129242-55760	14	20
129242-55770	14	21
129242-77010	15	1
129242-77100	15	3
129242-77110	15	4
129242-77120	15	5
129242-77130	15	6
129242-77140	15	7
129242-77150	15	8
129242-77160	15	9
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129403-42380	10	23
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129423-77200	16	2
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129486-42140	10	16
129486-59551	13	63
129508-33031	9	20
129508-33060	9	21
129508-49030	9	29
129604-01520	2	4
129604-53300	13	12
129630-77350	16	51
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129642-49180	9	36
129698-77020	15	2
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129698-77250	15	18
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129795-01950	2	8
129795-02412	1	12
129795-11120	4	22
129795-11180	4	23
129795-21661	8	9
129795-49551	10	29
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129E00-13640	6	4
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158552-51580	11	67
158552-51600	11	77
158552-51670	11	6
158552-51781	11	103
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22857-500100	4	46
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24311-000160	14	22
24311-000320	2	12
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24321-000750	14	23
24321-000800	7	17
24341-000240	2	23
24356-190180	11	121
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26106-080802	5	6
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26366-060002	9	48
26450-060252	9	14
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26577-060142	10	13
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27241-120000	1	13
27241-300000	1	14
27241-400000	4	19
27310-080001	4	26
729005-01560	1	1
729285-51400	11	1
729402-23100	8	29
729604-53400	13	1
729652-01500	2	1
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