

0CD11-M04401EN

P R E F A C E

This parts catalog is the 2nd edition of 3TNV88-GDGUS for DENYO Co., Ltd..

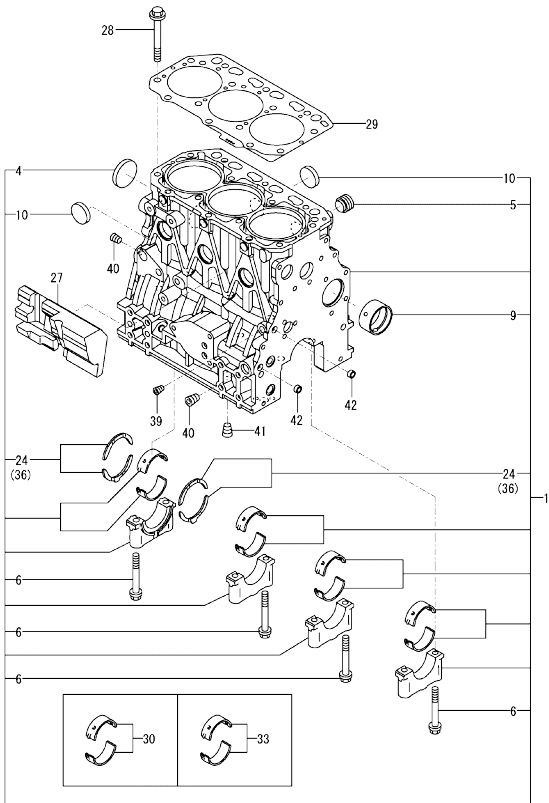
Published : March, 2020

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0CD11-M04401

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Fig.1. CYLINDER BLOCK



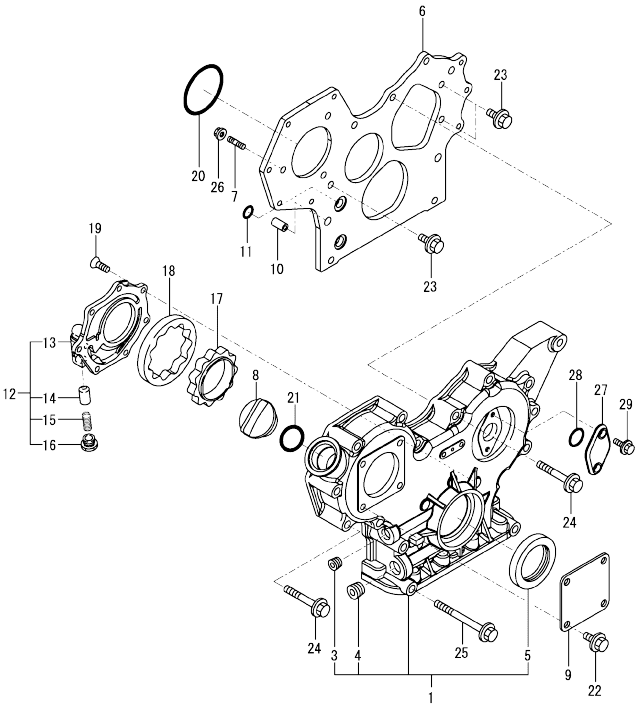
Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

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

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

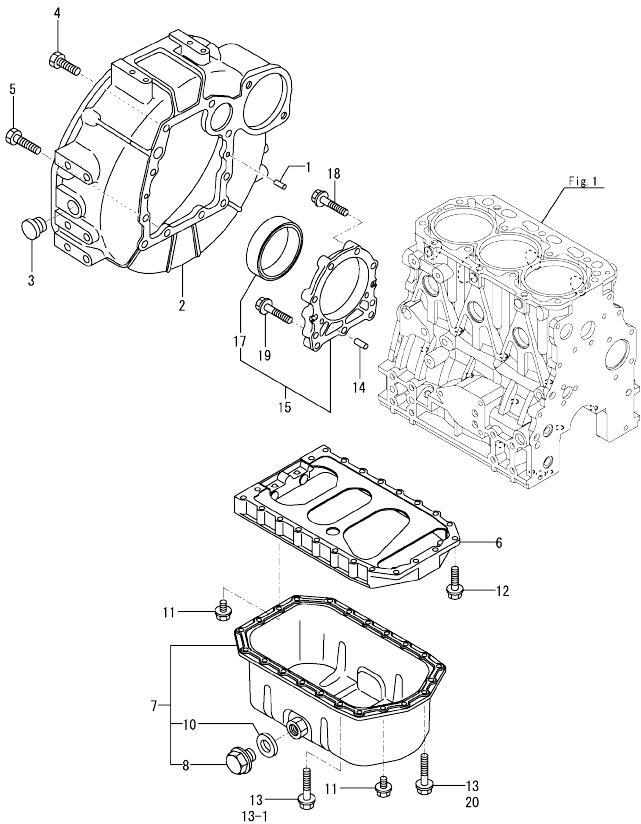
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729005-01560	BLOCK ASSY, CYLINDER	1							
4	2	129001-01250	PLUG, 50	1							
5	2	171051-01921	PLUG, NPTF1	1							
6	2	129150-02020	BOLT, METAL CAP	8							
9	2	129795-02412	BUSH, CAMSHAFT	1							
10	2	27241-300000	PLUG 30	6							
24	2	129150-02931	METAL ASSY, THRUST	2							
27	1	129004-01190	SPACER	1							
28	1	129150-01200	BOLT, CYLINDER HEAD	14							
29	1	129001-01340	GASKET, HEAD	1							
30	1	129001-02931	METAL ASSY, MAIN	4							1
33	1	129150-02871	METAL ASSY, MAIN .25	4							2
36	1	129150-02941	METAL ASSY, 0.25 OS	1							3
39	1	124060-01050	PLUG, PT1/8	1							
40	1	124160-01910	PLUG, PT1/4	2							
41	1	124160-01910	PLUG, PT1/4	1							
42	1	27241-120000	PLUG, 12	2							

OCD11-M04401 ENGINE
Fig.2. GEAR HOUSING



OCD11-M04401 Fig.2											
				(A)=3TNV88-GDGUS			(D)=				
				(B)=			(E)=				
				(C)=			(F)=				
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719802-01500	CASE ASSY, GEAR	1							
3	2	23876-030000	PLUG, R03	1							
4	2	23876-040000	PLUG, R04	1							
5	2	119934-01800	SEAL, OIL	1							
6	1	119802-01520	FLANGE, GEAR CASE	1							
7	1	119802-01561	STUD, M8X25	3							
8	1	124160-01751	CAP, FILLER	1							
9	1	124240-01871	COVER, HYDRAULIC PUMP	1							
10	1	129795-01950	PIPE, KNOCK L=18	2							
11	1	119609-32040	O-RING, P16	4							
12	1	119802-32100	COVER ASSY, PUMP	1							
13	2	119802-32070	COVER, OIL PUMP	1							
14	2	129900-32130	VALVE, RELIEF	1							
15	2	129418-32320	SPRING	1							
16	2	129001-32330	PLUG	1							
17	1	119802-32111	ROTOR, INNER	1							
18	1	119802-32120	ROTOR, OUTER	1							
19	1	119802-32130	SCREW, M6X16	7							
20	1	121850-51960	O-RING, FUEL PUMP	1							
21	1	24311-000320	O-RING, 1AP32.0	1							
22	1	26106-080162	BOLT, M8X 16 PLATED	4							
23	1	26106-080162	BOLT, M8X 16 PLATED	3							
24	1	26106-080552	BOLT, M8X 55 PLATED	12							
25	1	26106-080852	BOLT, M8X 85 PLATED	3							
26	1	26306-080002	NUT, M8	3							
27	1	121023-01551	COVER, TACHOMETER	1							
28	1	24341-000240	O-RING, 1AS24.0	1							
29	1	26106-060162	BOLT, M6X 16 PLATED	2							

Fig.3. FLYWHEEL HOUSING & OIL SUMP

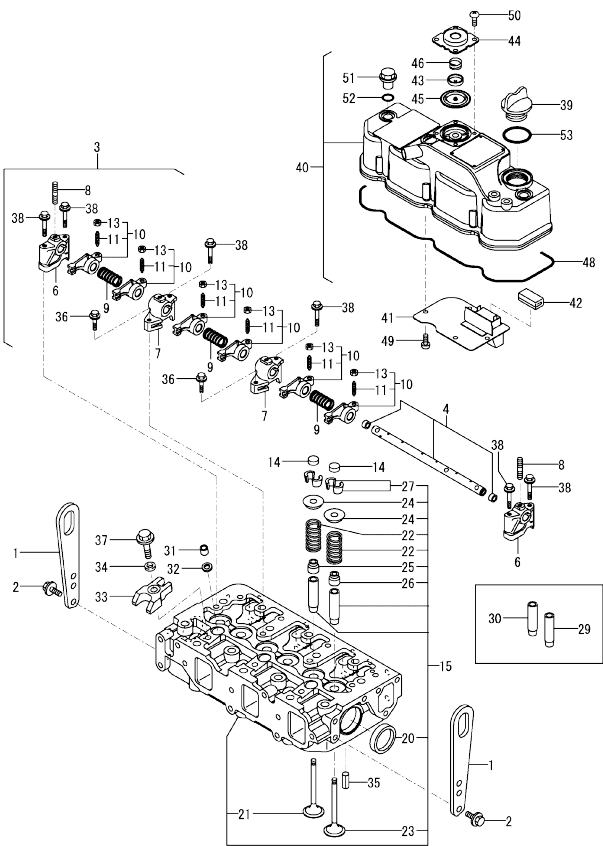


(A)=3TNV88-GDGUS
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, PARALLEL 8X16	2							
2	1	171420-01600	HOUSING, FLYWHEEL	1							
3	1	119620-01750	CAP, WHEEL COVER	1							
4	1	26206-100252	BOLT, M10X 25 PLATED	6							
5	1	26206-100302	BOLT, M10X 30 PLATED	4							
6	1	129100-01730	SPACER, OIL PAN	1							
7	1	129100-01760	OIL PAN ASSY	1							
8	2	119640-01640	PLUG, DRAIN M22	1							
10	2	22190-220002	WASHER, SEAL 22	1							
11	1	26106-080162	BOLT, M8X 16 PLATED	4							
12	1	26106-080252	BOLT, M8X 25 PLATED	2							
13	1	26106-080452	BOLT, M8X 45 PLATED	20							
13-1	1	26106-080452	BOLT, M8X 45 PLATED	16							K
(A=E93260)											
14	1	129100-01580	PIN, PARALLEL 8X16	2							
15	1	129100-01640	CASE ASSY, OIL SEAL	1							
17	2	129795-01780	SEAL, OIL	1							
18	1	129486-01670	BOLT, M8X30	6							
19	1	26106-080352	BOLT, M8X 35 PLATED	3							
20	1	26106-080502	BOLT, M8X 50 PLATED	4							W
(A=E93260)											

Fig.4. CYLINDER HEAD & BONNET

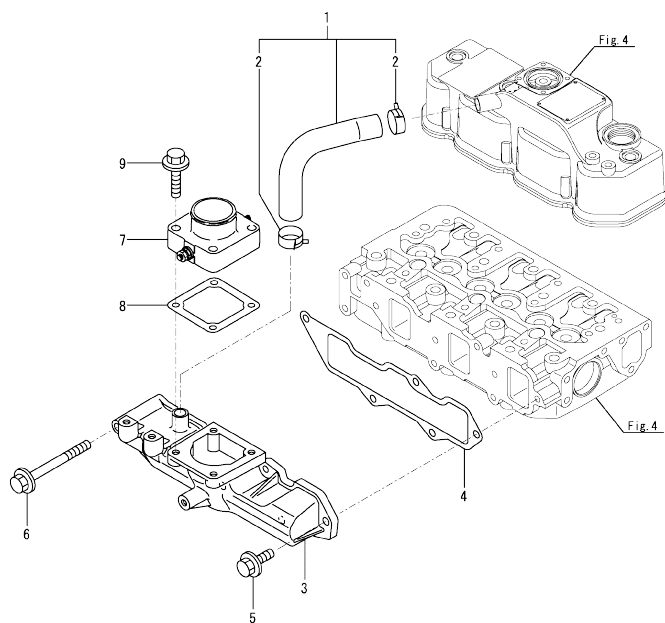


Remarks
(1)Spare parts.

(A)=3TNV88-GDGUS
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129900-07900	LIFTER, ENGINE	2							
2	1	26106-080162	BOLT, M8X 16 PLATED	4							
3	1	129004-11241	SHAFT ASSY, ROCKER	1							
4	2	129004-11251	SHAFT, ROCKER ARM	1							
6	2	119802-11260	SUPPORT, ROCKER ARM	2							
7	2	119802-11270	SUPPORT, ROCKER ARM	2							
8	2	119802-11280	BOLT, STUD	3							
9	2	129150-11280	SPRING, SHAFT	3							
10	2	129004-11650	ARM ASSY, ROCKER	6							
11	3	129150-11230	SCREW, VALVE ADJUST	6							
13	3	129150-11750	NUT, M8XP1.0	6							
14	1	129150-11370	CAP, VALVE	6							
15	1	129004-11700	HEAD ASSY, CYLINDER	1							
20	3	27241-400000	PLUG, 40	2							
21	2	129100-11112	VALVE, EXHAUST	3							
22	2	129795-11120	SPRING, VALVE	6							
23	2	129004-11130	VALVE, INTAKE	3							
24	2	129795-11180	RETAINER, SPRING	6							
25	2	121400-11340	SEAL, VALVE STEM	3							
26	2	124460-11340	SEAL, VALVE STEM	3							
27	2	27310-080001	COTTER, 8	6							
29	1	120130-11860	GUIDE, VALVE	3							1
30	1	129150-11810	GUIDE, VALVE	3							1
31	1	119802-11870	PROTECTOR, NOZZLE	3							
32	1	119625-11880	SEAT, NOZZLE	3							
33	1	129004-11900	RETAINER, NOZZLE	3							
34	1	120270-54410	WASHER, INJECTOR	3							
35	1	22351-060012	PIN, SPRING 6.0X12	2							
36	1	26106-080252	BOLT, M8X 25 PLATED	2							
37	1	26106-080352	BOLT, M8X 35 PLATED	3							
38	1	26106-080502	BOLT, M8X 50 PLATED	6							
39	1	124160-01751	CAP, FILLER	1							
40	1	129004-11350	BONNET ASSY, HEAD	1							
41	2	129004-03010	PLATE, BAFFLE	1							
42	2	129150-03070	BAFFLE, BREATHER	1							
43	2	119802-03110	PLATE, DIAPHRAGM	1							
44	2	119802-03121	COVER, DIAPHRAGM	1							
45	2	119802-03130	DIAPHRAGM, BREATHER	1							
46	2	119802-03141	SPRING, DIAPHRAGM	1							
48	2	129004-11310	GASKET, BONNET	1							
49	2	22857-500100	SCREW, 5X10	4							
50	2	22857-500100	SCREW, 5X10	4							
51	1	124160-11360	KNOB, BONNET	3							
52	1	24311-000120	O-RING, 1AP12.0	3							
53	1	24311-000320	O-RING, 1AP32.0	1							

Fig.5. SUCTION MANIFOLD



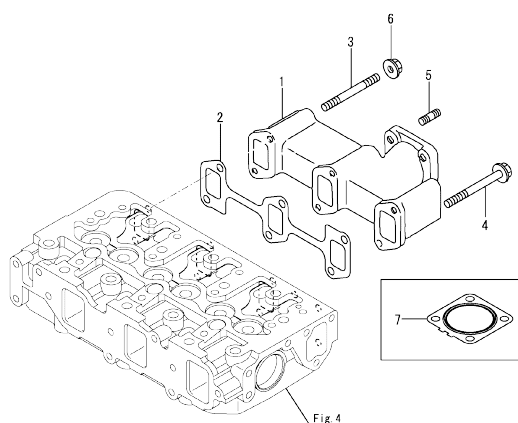
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129005-03080	HOSE ASSY, BREATHER	1							
2	2	129410-03990	CLAMP, HOSE 21.5	2							
3	1	129005-12101	MANIFOLD, 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	129120-77502	HEATER, AIR	1							
8	1	129150-77511	GASKET, AIR HEATER	1							
9	1	26106-080352	BOLT, M8X 35 PLATED	4							

N:Old ^{Yes}/_{No} New. Q:Old ^{No}/_{Yes} New. R:Old ^{Yes}/_{Yes} New. S:Old ^{No}/_{No} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

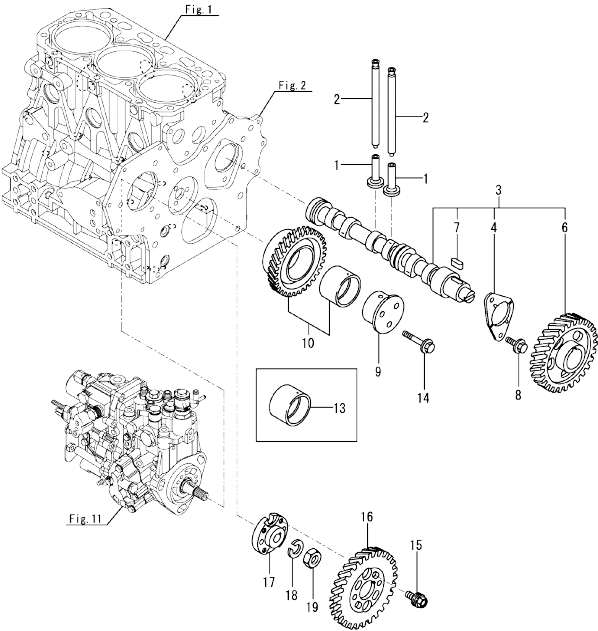
Fig.6. EXHAUST MANIFOLD



Remarks
(1) Loose parts.

				(A)=3TNV88-GDGUS (B)= (C)=	0CD11-M04401 Fig.6 (D)= (E)= (F)=						I	R
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)			
1	1	129100-13110	MANIFOLD, EXHAUST	1								
2	1	129150-13110	GASKET, MANIFOLD	1								
3	1	123900-13610	STUD, M8X80	2								
4	1	123900-13630	BOLT, M8X80	4								
4-1	1	129E00-13640	BOLT, M8X80 10.9T	4						N		
(A=ES3892)												
5	1	119131-18320	STUD, M8X22	4								
6	1	26306-080002	NUT, M8	2								
7	1	129004-13200	GASKET, SILENCER	1							1	

Fig.7. CAMSHAFT & DRIVING GEAR

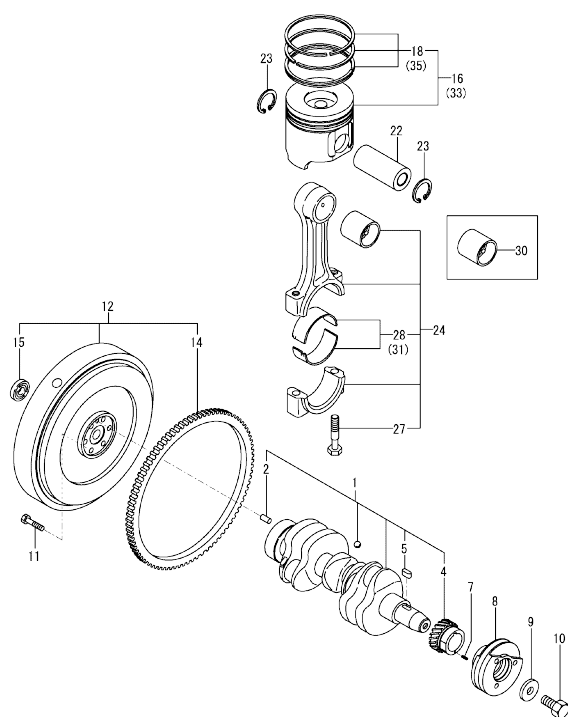


(A)=3TNV88-GDGUS
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	6							
2	1	129150-14400	ROD, PUSH L=178	6							
3	1	129004-14580	CAMSHAFT ASSY	1							
4	2	129150-02450	METAL, THRUST	1							
6	2	129150-14101	GEAR, CAMSHAFT	1							
7	2	22512-070140	KEY, 7X 14	1							
8	1	26106-080142	BOLT, M8X 14 PLATED	2							
9	1	119802-25051	SHAFT, IDLE GEAR	1							
10	1	119802-25101	GEAR ASSY, IDLE	1							
13	1	119802-25071	BUSH, IDLE GEAR	1							1
14	1	26106-080402	BOLT, M8X 40 PLATED	3							
15	1	129150-25301	BOLT, INJECTION PUMP	4							
16	1	119802-25901	GEAR, PUMP	1							
17	1	158552-51151	FLANGE, CAMSHAFT	1							
18	1	22217-140000	WASHER, SPRING 14	1							
19	1	26776-140002	NUT, LOCK M14	1							

Remarks
(1)Spare parts.

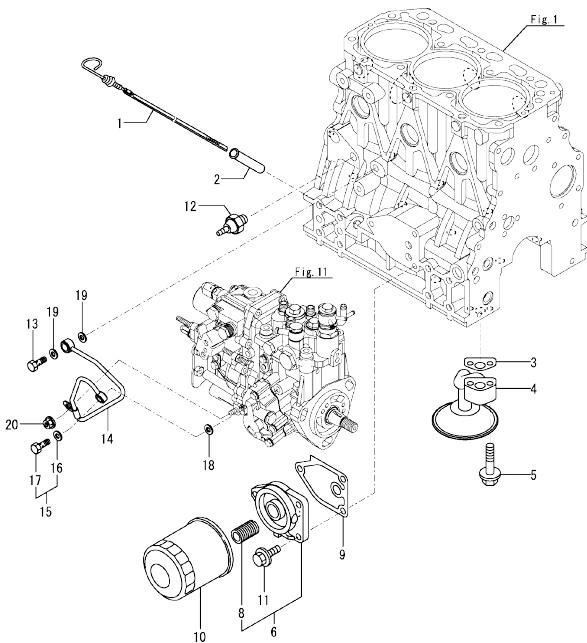


Remarks
(1) Spare parts.
(2) Under-sized (U.S.=0.25) parts.
(3) Over-sized (O.S.=0.25) parts.

				0CD11-M04401		Fig.8					
				(A)=3TNV88-GDGUS		(D)=					
				(B)=		(E)=					
				(C)=		(F)=					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129004-21002	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, PARALLEL 8X16	1							
4	2	119802-21202	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, CRANKSHAFT	1							
9	1	129795-21661	WASHER, 14	1							
10	1	121850-21680	BOLT, V-PULLEY	1							
11	1	121111-21501	BOLT, FLYWHEEL	6							
12	1	129116-21590	FLYWHEEL ASSY	1							
14	2	124550-21600	GEAR, RING Z=127	1							
15	2	24107-060034	BEARING, BALL 6003ZZ	1							
16	1	129005-22080	PISTON ASSY	3							
18	2	129005-22500	RING SET, PISTON	3							
22	1	129202-22300	PIN, PISTON D26 L70	3							
23	1	22252-000260	RING, 26	6							
24	1	729402-23100	ROD ASSY, CONNECTING	3							
27	2	121550-23200	BOLT, CONNECTING ROD	6							
28	2	129150-23601	METAL ASSY,CRANK PIN	3							
30	1	129100-23910	METAL, PISTON PIN	3							1
31	1	129150-23611	METAL, CRANK PIN .25	3							2
33	1	129005-22900	PISTON ASSY, 0.25 OS	3							3
35	2	129005-22950	RING SET, PISTON .25	3							3

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.9. LUB. OIL SYSTEM



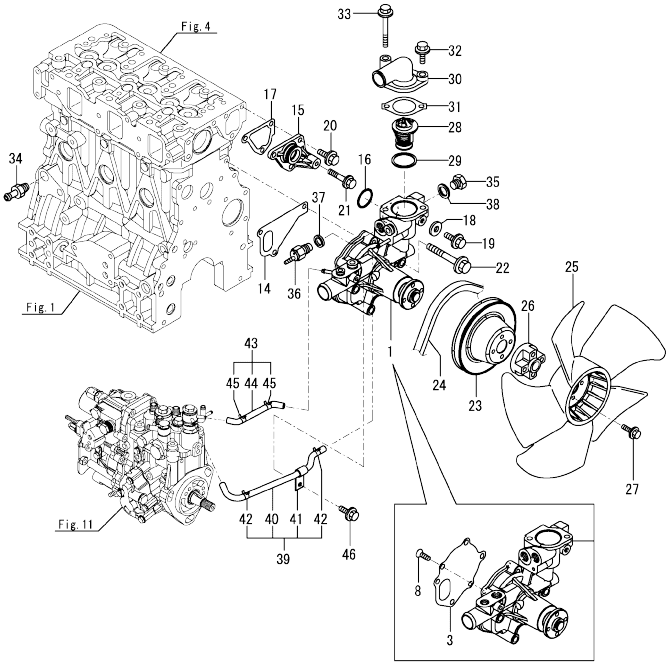
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(C)=

(D)=
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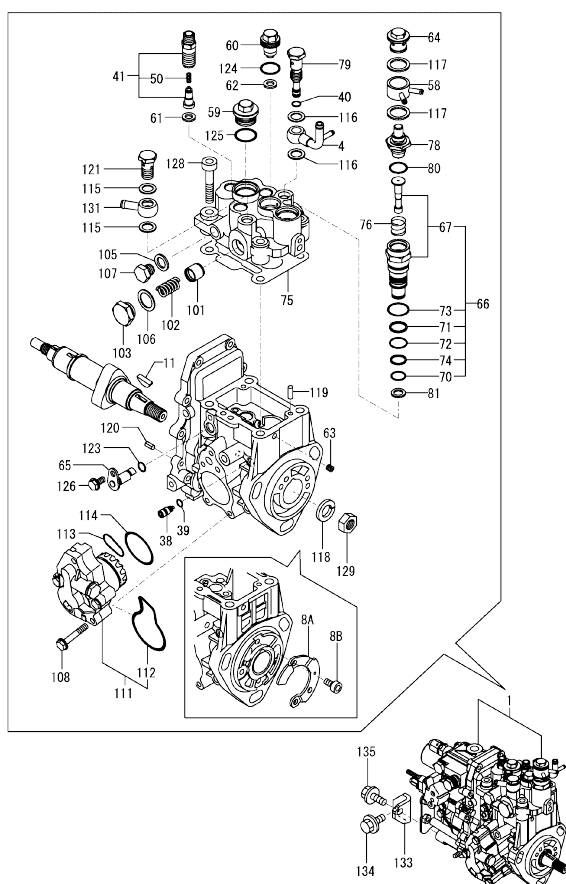
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-34802	DIPSTICK, OIL	1							
2	1	121520-34810	GUIDE, DIPSTICK	1							
3	1	129150-35042	GASKET, INLET PIPE	1							
4	1	129100-35301	PIPE ASSY, OIL INLET	1							
5	1	26106-080352	BOLT, M8X 35 PLATED	2							
6	1	119802-35100	BRACKET ASSY, FILTER	1							
8	2	129100-35140	STUD	1							
9	1	129150-35111	GASKET, BRACKET	1							
10	1	129150-35153	FILTER ASSY, D80X80L	1							1
11	1	26106-080202	BOLT, M8X 20 PLATED	3							
12	1	114250-39450	SWITCH, HYDRAULIC	1							
13	1	124160-39140	BOLT, PIPE JOINT M10	1							
14	1	119802-39450	PIPE ASSY, OIL	1							
15	1	129005-59830	BOLT ASSY, JOINT M8	1							
16	2	22190-080002	WASHER, SEAL 8	1							
17	2	23857-030000	BOLT, JOINT 3	1							
18	1	22190-080002	WASHER, SEAL 8	1							
19	1	22190-100002	WASHER, SEAL 10	2							
20	1	26366-060002	NUT, M6	1							

Remarks
(1)Spare parts.

Fig.10. COOLING WATER SYSTEM



OCD11-M04401 Fig.10									
(A)=3TNV88-GDGUS (D)= (E)= (F)=									
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	129004-42001	PUMP ASSY, WATER	1					
1-1	1	129004-42002	PUMP ASSY, CW	1					N
(A=E146848)									
3	2	129100-42051	GASKET, WATER PUMP	1					
8	2	121850-42410	SCREW	3					
8-1	2	26577-060142	SCREW M 6X 14	3					N
(A=ED0663)									
8-2	2	129150-42290	SCREW, FLAT M6X15	3					N
(A=E146848)									
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	129120-42350	V-PULLEY, PUMP	1					
23-1	1	129120-42351	V-PULLEY, PUMP	1					N
(A=EG8404)									
24	1	129612-42380	V-BELT, A38.5	1					
25	1	119415-44740	FAN, COOLING D=260VC	1					
26	1	121267-44760	SPACER, FAN 18MM	1					
27	1	26106-060302	BOLT, M6X 30 PLATED	4					
28	1	129155-49801	THERMOSTAT, 71C	1					
29	1	129150-49811	GASKET, THERMOSTAT	1					
30	1	124101-49531	COVER, THERMOSTAT	1					
31	1	129795-49551	GASKET, COVER	1					
32	1	26106-080252	BOLT, M8X 25 PLATED	1					
32-1	1	26106-080282	BOLT, M8X 28 PLATED	1					N
(A=*2016.08)									
33	1	26106-080652	BOLT, M8X 65 PLATED	1					
34	1	121550-49111	JOINT, PT1/4	1					
35	1	121450-42450	PLUG, M16	1					
36	1	121250-44901	SWITCH, TEMPERATURE	1					
37	1	124465-44950	GASKET, 16	1					
38	1	124465-44950	GASKET, 16	1					
39	1	129004-49610	HOSE ASSY, WATER A	1					
40	2	129004-49711	HOSE, WATER A	1					
41	2	119802-49730	RETAINER, PIPE	1					
42	2	124722-59050	CLAMP, HOSE 9	2					
43	1	129004-49620	HOSE ASSY, WATER B	1					
44	2	129004-49721	HOSE, WATER B	1					
45	2	124722-59050	CLAMP, HOSE 9	2					
46	1	26106-060122	BOLT, M6X 12 PLATED	1					W
(A=E93260)									

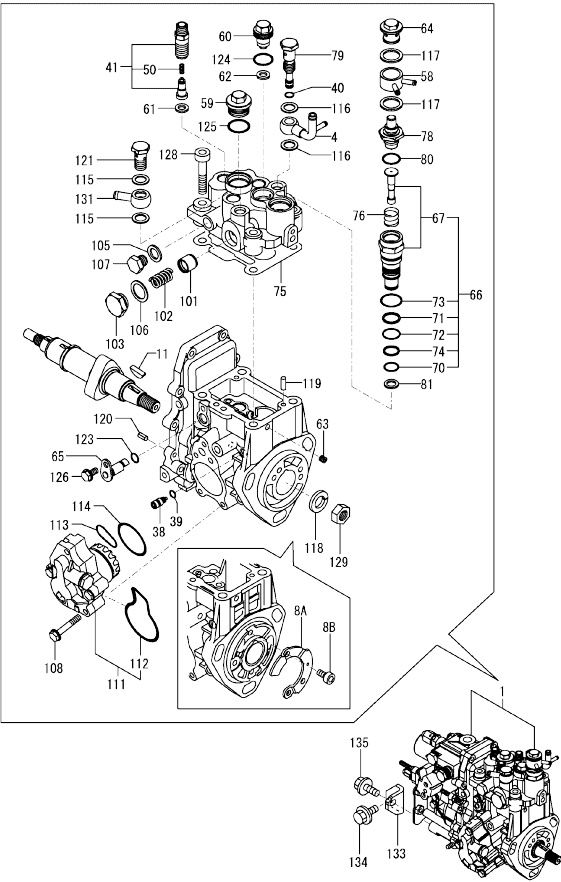


No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729247-51310	PUMP ASSY, INJECTION	1							
4	2	158552-51670	JOINT, OVERFLOW	1							
8A	2	129008-51900	COVER, PUMP	1							W
8B	2	129008-51920	BOLT, M6X10	2							W
11	2	119802-51090	KEY, FEATHER 4X16	1							
38	2	158600-51270	STOPPER, TAPPET	1							
39	2	158563-51281	O-RING, 4D S6	1							
40	2	158563-51281	O-RING, 4D S6	1							
41	2	129509-51390	VALVE ASSY, DELIVERY	3							
50	3	158563-51330	SPRING, DELIVERY	3							
58	2	158553-51551	JOINT, COOLING WATER	1							
59	2	158601-51550	PLUG, M22	1							
60	2	119802-51560	PLUG, BARREL M14	1							
61	2	158552-51571	GASKET, BARREL PLUG	3							
62	2	158552-51571	GASKET, BARREL PLUG	1							
63	2	158557-51570	PLUG, RACK	1							
64	2	158601-51570	PLUG	1							
65	2	158552-51580	LIFTER, LINK	1							
66	2	119802-51590	TIMER ASSY	1							
67	3	119802-51600	TIMER ASSY	1							
70	3	158553-51670	O-RING, PUMP TIMER	1							
71	3	119802-51680	RING, BACKUP	1							
72	3	119802-51690	O-RING, 1016	1							
73	3	24356-010200	O-RING, 4D1020	1							
73-1	3	24356-190200	O-RING, 4D19020	1							R
74	3	24372-000150	RING, BACK UP T2P15	1							
75	2	158552-51600	GASKET, HEAD	1							
76	2	158553-51630	SPRING, TIMER	1							
78	2	158553-51640	ELEMENT, THERMOSTAT	1							
79	2	158601-51650	JOINT, OVERFLOW	1							
80	2	158553-51660	O-RING, P14	1							
81	2	158553-51680	GASKET, TIMER	1							
101	2	158601-51770	PISTON, ACCUMULATOR	1							
102	2	158552-51781	SPRING, ACCUMULATOR	1							
103	2	158601-51790	PLUG, ACCUMULATOR	1							
105	2	22190-120002	WASHER, SEAL 12	1							
106	2	22190-180002	WASHER, SEAL 18	1							
107	2	23887-120002	PLUG, 12	1							
107-1	2	158553-51930	PLUG, M12	1							R
108	2	158553-51770	BOLT	4							
111	2	158552-52100	PUMP ASSY, FUEL FEED	1							
112	3	158552-52500	O-RING, PUMP INNER	1							
113	2	158552-52310	O-RING, FEED PUMP	1							
113-1	2	158552-52311	O-RING, FEED PUMP	1							R
114	2	158552-52400	O-RING, 4E S42	1							
115	2	22190-120002	WASHER, SEAL 12	2							

N:Old +_{YES} New, Q:Old +_{YES} New, R:Old +_{YES} New, S:Old +_{NO} New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Qty Change
++ CONTINUE ++
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Remarks
(1)Governor(Fig.12) is incorporated in this Fuel Injection Pump(No.1).

Fig.11. FUEL INJECTION PUMP

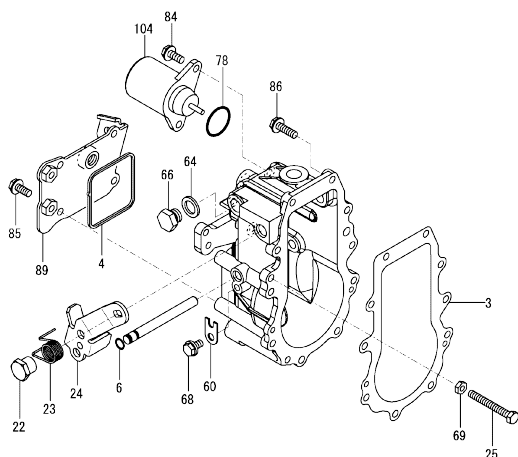


Remarks
(1)Governor(Fig.12) is incorporated in this Fuel Injection Pump(No.1).

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
116	2	22190-120002	WASHER, SEAL 12	2							
117	2	22190-180002	WASHER, SEAL 18	2							
118	2	22217-140000	WASHER, SPRING 14	1							
119	2	22312-050140	PIN, PARALLEL 5X14	2							
120	2	22351-050010	PIN, SPRING 5.0X10	2							
121	2	23857-060000	BOLT, JOINT 6	1							
123	2	24311-000070	O-RING, 1AP7.0	1							
124	2	24356-010180	O-RING, 4D1018	1							
124-1	2	24356-190180	O-RING, 4D19018	1							R
(A="2010.01)											
125	2	24356-010200	O-RING, 4D1020	1							
125-1	2	24356-190200	O-RING, 4D19020	1							R
(A="2010.01)											
126	2	26106-060102	BOLT, M6X 10 PLATED	1							
128	2	26450-080452	BOLT, M8X 45	4							
129	2	26776-140002	NUT, LOCK M14	1							
131	2	129916-59020	JOINT, PIPE 12	1							
133	1	119802-51250	RETAINER, FUEL PUMP	1							
134	1	26106-080162	BOLT, M8X 16 PLATED	1							
135	1	26106-080202	BOLT, M8X 20 PLATED	1							



(D)=
(E)=

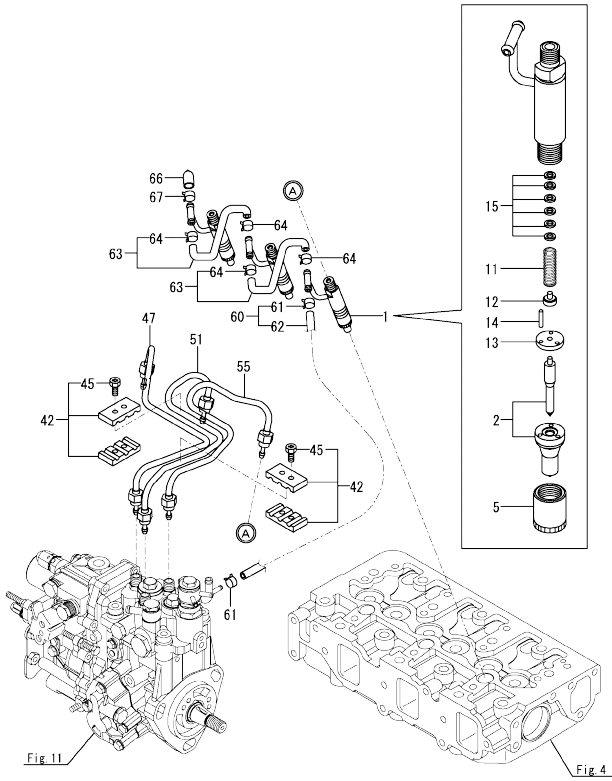
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Qty (D)	(E)	(F)	I	R
3	2	158553-61050	GASKET, CASE	1							
4	2	158553-61070	GASKET, CASE	1							
6	2	129155-51280	O-RING, S6	1							
22	2	129255-61410	NUT, CONTROL LEVER	1							
23	2	119807-61420	SPRING, RETURN	1							
24	2	129246-61441	LEVER, REGULATOR	1							
25	2	129155-61460	BOLT, IDLE LIMIT	1							
25-1	2	129155-61461 (A=E15449)	BOLT, IDLE LIMIT	1							N
60	2	119660-61901	STOPPER, SHAFT	1							
64	2	22190-120000	WASHER, SEAL 12	1							
64-1	2	22190-120002 (A="2009.01)	WASHER, SEAL 12	1							N
66	2	23887-120002	PLUG, 12	1							
66-1	2	158553-51930 (A=ED0663)	PLUG, M12	1							R
68	2	26106-060102	BOLT, M6X 10 PLATED	1							
69	2	26756-060002	NUT, LOCK M6	1							
69-1	2	119740-61470 (A=E115449)	NUT	1							N
78	2	158552-61900	O-RING	1							
84	2	26106-060142	BOLT, M6X 14 PLATED	2							
84-1	2	26106-060122 (A="2018.08)	BOLT, M6X 12 PLATED	2							R
85	2	26106-060142	BOLT, M6X 14 PLATED	4							
85-1	2	26106-060122 (A="2018.08)	BOLT, M6X 12 PLATED	4							R
86	2	26106-060202	BOLT, M6X 20 PLATED	10							
89	2	129246-61061	COVER, GOVERNOR CASE	1							
104	2	119233-77932	SOLENOID, STOP	1							

Remarks

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

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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Fig.13. FUEL INJECTION VALVE

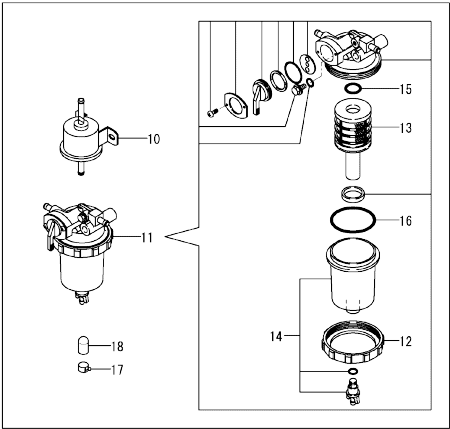
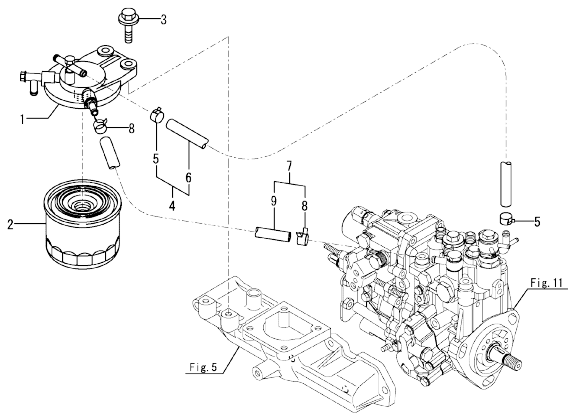


(A)=3TNV88-GDGUS
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729246-53101	VALVE ASSY,INJECTION	3							
2	2	129246-53001	VALVE ASSY,INJECTION	3							
5	2	114250-53080	NUT, NOZZLE	3							
11	2	114250-53120	SPRING, NOZZLE	3							
12	2	114250-53130	SEAT, SPRING	3							
13	2	114250-53140	SPACER, VALVE STOP	3							
14	2	114250-53210	PIN, POSITIONING	6							
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, RETURN PIPE	1							
67	1	124060-77680	CLAMP, HOSE 10	1							

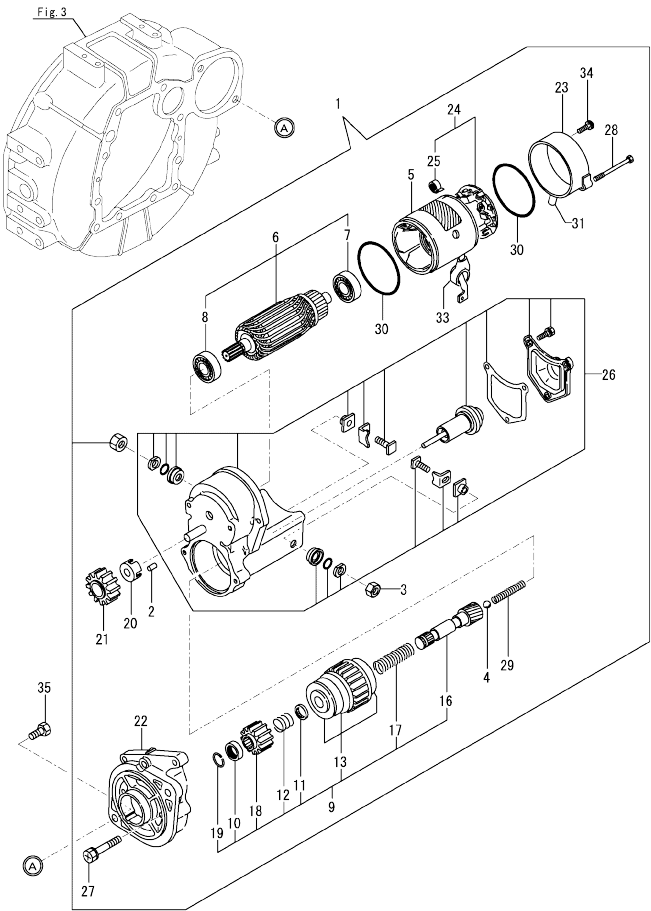
OCD11-M04401 ENGINE
Fig.14. FUEL PIPE



Remarks
(1) Loose parts.

OCD11-M04401 Fig.14									
(A)=3TNV88-GDGUS (D)= (E)= (F)=									
Q'ty									
No.	Lev.	Parts No.	Description	(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	129210-59100	HOSE ASSY, FUEL L300	1					
5	2	124766-59050	CLAMP, HOSE 11.5	2					
6	2	105025-59580	HOSE, FUEL	1					
7	1	129210-59230	HOSE ASSY, FUEL L205	1					
8	2	124766-59050	CLAMP, HOSE 11.5	2					
9	2	129555-59511	HOSE, FUEL	1					
10	1	129612-52100	PUMP, FUEL FEED	1					1
11	1	119802-55700	SEPARATOR ASSY, WATER	1					1
12	2	129100-55690	NUT, RETAINING	1					1
13	2	119802-55710	ELEMENT, FUEL	1					1
14	2	119802-55730	CUP ASSY, SEPARATOR	1					1
15	2	24311-000160	O-RING, 1AP16.0	1					1
16	2	24321-000650	O-RING, 1AG65.0	1					1
17	1	124766-59050	CLAMP, HOSE 11.5	1					1
18	1	129461-59580	CAP, FUEL	1					1

Fig.15. STARTER MOTOR



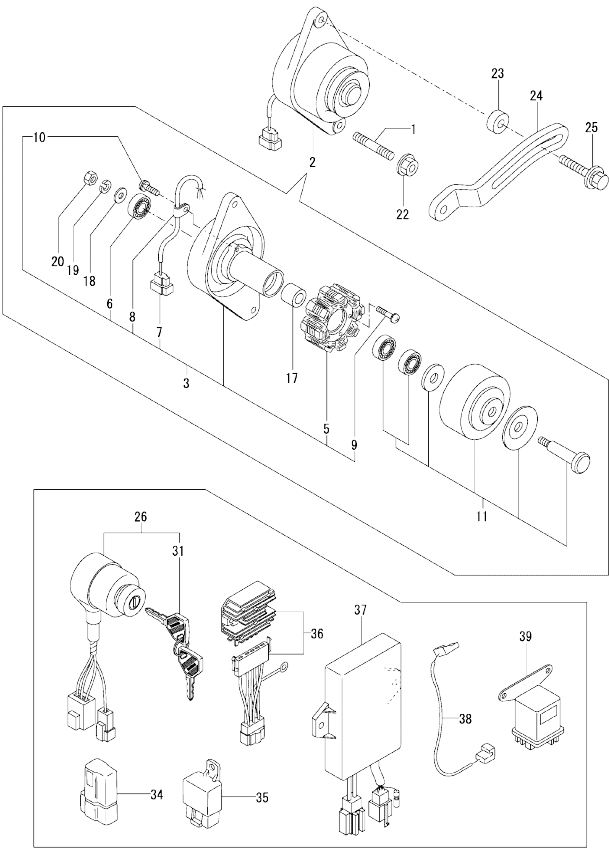
(A)=3TNV88-GDGUS
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129129-77010	STARTER, RA1.2	1							
2	2	X0283060061	ROLLER	5							
3	2	X9490561370	NUT	1							
4	2	X9491200240	BALL, STEEL	1							
5	2	129129-77210	YOKE ASSY	1							
6	2	129129-77220	ARMATURE ASSY	1							
7	3	129129-77230	BEARING, BALL	1							
8	3	129129-77240	BEARING, BALL	1							
9	2	129129-77250	STARTER	1							
10	3	X0280210230	NUT, PINION STOP	1							
11	3	X0283270140	RETAINER, SNAP	1							
12	3	X9491703371	SPRING, COIL	1							
13	3	129129-77390	CLUTCH ASSY, STARTER	1							
16	3	129129-77400	SHAFT, STARTER	1							
17	3	129129-77410	SPRING, COIL	1							
18	3	129129-77420	PINION, STARTER	1							
19	3	129129-77430	RING, SNAP	1							
20	2	129129-77260	RETAINER	1							
21	2	129129-77270	PINION	1							
22	2	129129-77280	HOUSING, STARTOR	1							
23	2	129129-77290	FRAME, STARTER END	1							
24	2	129129-77300	HOLDER ASSY	1							
25	3	X9491730461	SPRING, BRUSH	4							
26	2	129129-77310	SWITCH ASSY, MAGNET	1							
27	2	129129-77320	BOLT, W/WASHER	2							
28	2	129129-77330	BOLT	2							
29	2	129129-77340	SPRING	1							
30	2	129129-77350	O-RING	2							
31	2	129129-77362	COVER	1							
33	2	129129-77380	CAP	1							
34	2	129129-77460	SCREW	2							
35	1	26116-120252	BOLT, M12X 25 PLATED	2							
35-1	1	26106-120252	BOLT, M12X 25 PLATED	2							R

(A)=2011.01)

OCD11-M04401 ENGINE
Fig.16. GENERATOR

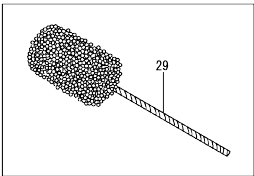
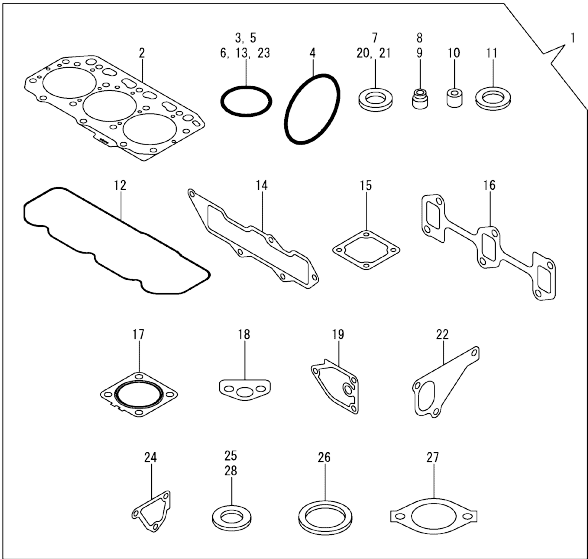


Remarks
(1)Loose parts.

OCD11-M04401 Fig.16

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129795-01900	BOLT, M10X33	1							
2	1	171301-77201	DYNAMO ASSY, 15A	1							
3	2	XM08137	PLATE ASSY	1							
5	3	XM08180	STATOR SET	1							
6	3	XM27436	BEARING, BALL	1							
7	3	XM17878	COUPLER	1							
8	3	XM36410	CLAMP	1							
9	3	26022-040252	SCREW, M4X25	2							
10	3	XYSPS4008	SCREW	1							
11	2	XM82184	FLYWHEEL ASSY	1							
17	2	106383-44720	SPACER	1							
18	2	106383-44730	WASHER	1							
19	2	22212-100000	SPRING WASHER 10	1							
20	2	26716-100002	NUT, M10	1							
22	1	26306-100002	NUT, M10	1							
23	1	119940-77270	SPACER, GENERATOR	1						Z	
(A=EN9065)											
24	1	129004-77330	ADJUSTER, BELT	1							
24-1	1	129004-77320	ADJUSTER, BELT	1							R
(A=EN9065)											
25	1	129972-77341	BOLT, ADJUSTER L=50	1							
25-1	1	119810-77340	BOLT, ADJUSTER L=30	1							R
(A=EN9065)											
26	1	194940-52110	SWITCH, STARTING	1							1
26-1	1	129902-77500	SWITCH ASSY, STARTER	1						N	1
(A=E160403)											
31	2	198360-52160	KEY ASSY, SPARE	1							1
34	1	119643-66900	DIODE	2							1
35	1	119247-77100	RELAY, POWER SN2213	1							1
36	1	119865-77700	CURRENT LIMITER ASSY	1							1
36-1	1	119865-77701	LIMITER, CURRENT 20A	1						N	1
(A=ED0663)											
37	1	129246-77800	RELAY, EMERGENCY	1							1
37-1	1	129239-77800	CONTROLLER ASSY	1						N	1
(A=EK9963)											
37-2	1	129239-77801	CONTROLLER ASSY	1						R	1
(A=EM6022)											
38	1	119006-77900	CONNECTOR, STARTER	1							1
39	1	119650-77910	RELAY ASSY, GLOW	1							1
39-1	1	119650-77911	RELAY ASSY, GLOW	1						N	1
(A=EF9863)											

Fig.17. GASKET SET



Remarks
(1)Optional parts.

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729005-92900	GASKET SET	1							1
2	2	129001-01340	GASKET, HEAD	1							
3	2	119609-32040	O-RING, P16	4							
4	2	121850-51960	O-RING, FUEL PUMP	1							
5	2	24311-000320	O-RING, 1AP32.0	2							
6	2	24341-000240	O-RING, 1AS24.0	1							
7	2	22190-220002	WASHER, SEAL 22	1							
8	2	121400-11340	SEAL, VALVE STEM	3							
9	2	124460-11340	SEAL, VALVE STEM	3							
10	2	119802-11870	PROTECTOR, NOZZLE	3							
11	2	119625-11880	SEAT, NOZZLE	3							
12	2	129004-11310	GASKET, BONNET	1							
13	2	24311-000120	O-RING, 1AP12.0	3							
14	2	129001-12110	GASKET, MANIFOLD	1							
15	2	129150-77511	GASKET, AIR HEATER	1							
16	2	129150-13110	GASKET, MANIFOLD	1							
17	2	129004-13200	GASKET, SILENCER	1							
18	2	129150-35042	GASKET, INLET PIPE	1							
19	2	129150-35111	GASKET, BRACKET	1							
20	2	22190-080002	WASHER, SEAL 8	2							
21	2	22190-100002	WASHER, SEAL 10	2							
22	2	129486-42021	GASKET, WATER PUMP	1							
23	2	129486-42140	O-RING, G30	1							
24	2	124395-49840	GASKET, THERMOSTAT	1							
25	2	23414-080000	GASKET, 8X1.0	1							
26	2	129150-49811	GASKET, THERMOSTAT	1							
27	2	129795-49551	GASKET, COVER	1							
28	2	124465-44950	GASKET, 16	2							
29	1	129400-92430	HONE, FLEX	1							1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
105025-59580	14	6
106383-44720	16	17
106383-44730	16	18
114250-39450	9	12
114250-53080	13	5
114250-53120	13	11
114250-53130	13	12
114250-53140	13	13
114250-53210	13	14
119006-77900	16	38
119131-18320	6	5
119233-77932	12	104
119247-77100	16	35
119415-44740	10	25
119593-59581	13	66
119609-32040	2	11
	17	3
119620-01750	3	3
119625-11880	4	32
	17	11
119640-01640	3	8
119643-66900	16	34
119650-77910	16	39
119650-77911	16	39 -1
119660-61901	12	60
119740-61470	12	69 -1
119802-01520	2	6
119802-01561	2	7
119802-03110	4	43
119802-03121	4	44
119802-03130	4	45
119802-03141	4	46
119802-11260	4	6
119802-11270	4	7
119802-11280	4	8
119802-11870	4	31
	17	10
119802-21202	8	4
119802-25051	7	9
119802-25071	7	13
119802-25101	7	10
119802-25901	7	16
119802-32070	2	13
119802-32100	2	12
119802-32111	2	17
119802-32120	2	18
119802-32130	2	19
119802-35100	9	6
119802-39450	9	14
119802-49730	10	41

Parts No.	Fig. No.	Ref. No.
119802-51090	11	11
119802-51250	11	133
119802-51560	11	60
119802-51590	11	66
119802-51600	11	67
119802-51680	11	71
119802-51690	11	72
119802-55700	14	11
119802-55710	14	13
119802-55730	14	14
119802-55801	14	2
119802-59550	13	60
119802-59560	13	62
119803-53400	13	15
119807-61420	12	23
119810-77340	16	25 -1
119865-77700	16	36
119865-77701	16	36 -1
119934-01800	2	5
119940-77270	16	23
120130-11860	4	29
120270-54410	4	34
121023-01551	2	27
121111-21501	8	11
121250-44901	10	36
121267-44760	10	26
121400-11340	4	25
	17	8
121450-42450	10	35
121520-34810	9	2
121550-23200	8	27
121550-49111	10	34
121850-21680	8	10
121850-42410	10	8
121850-51960	2	20
	17	4
123900-13610	6	3
123900-13630	6	4
124060-01050	1	39
124060-77680	13	67
124101-49531	10	30
124160-01751	2	8
	4	39
124160-01910	1	40
		41
124160-11360	4	51
124160-39140	9	13
124240-01871	2	9
124395-49840	10	17
	17	24

Parts No.	Fig. No.	Ref. No.
124460-11340	4	26
	17	9
124465-44950	10	37
		38
	17	28
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