

0CD50-M03920EN

P R E F A C E

This parts catalog is the 1st edition of 3TNV88-BSLG for Shandong Lingong Construction Machinery Co., Ltd.

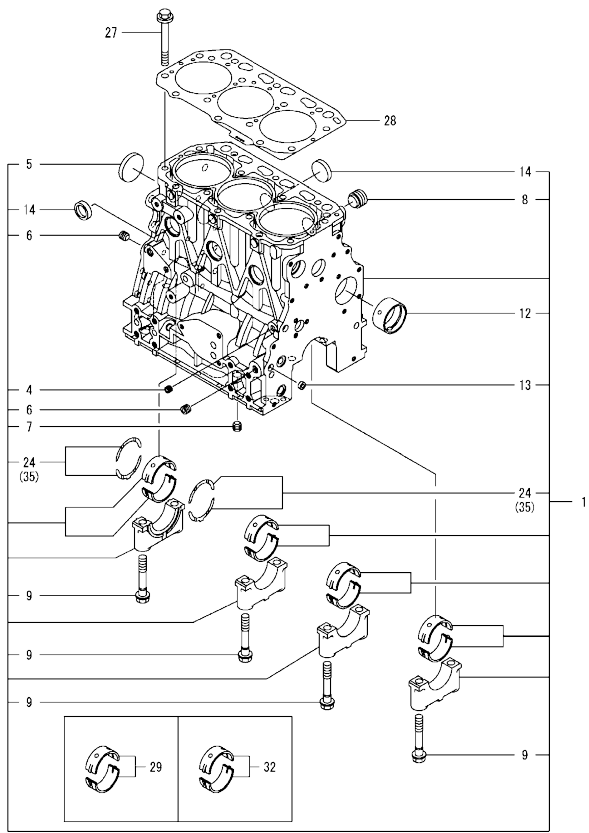
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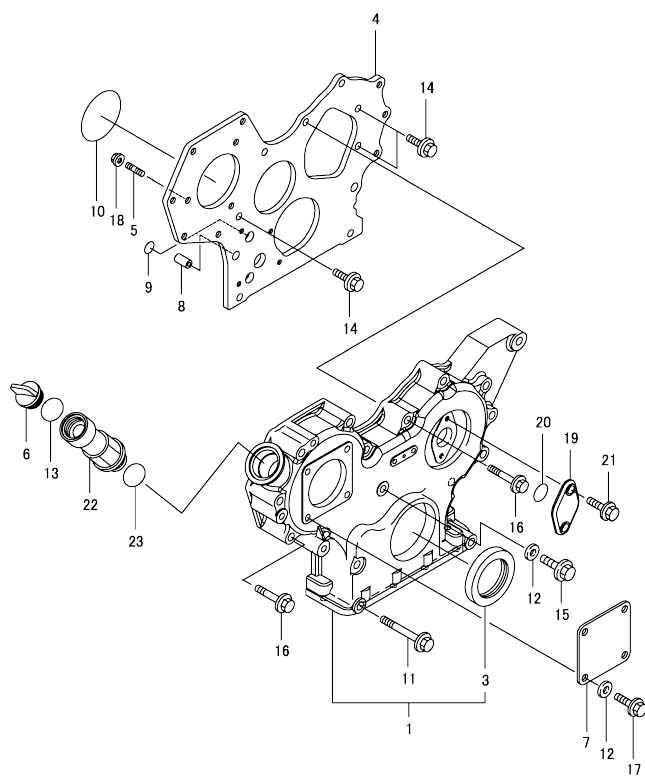
Fig. No.	Fig. Name	Fig. No.	Fig. Name
ENGINE			
1.	CYLINDER BLOCK		
2.	GEAR HOUSING		
3.	FLYWHEEL HOUSING & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	SUCTION MANIFOLD		
6.	EXHAUST MANIFOLD		
7.	CAMSHAFT & DRIVING GEAR		
8.	CRANKSHAFT & PISTON		
9.	LUB. OIL SYSTEM		
10.	COOLING WATER SYSTEM		
11.	FUEL INJECTION PUMP		
12.	GOVERNOR		
13.	FUEL INJECTION VALVE		
14.	FUEL PIPE		
15.	STARTER MOTOR		
16.	GENERATOR		
17.	ACCESSORY		
18.	GASKET SET		

Fig.1. CYLINDER BLOCK



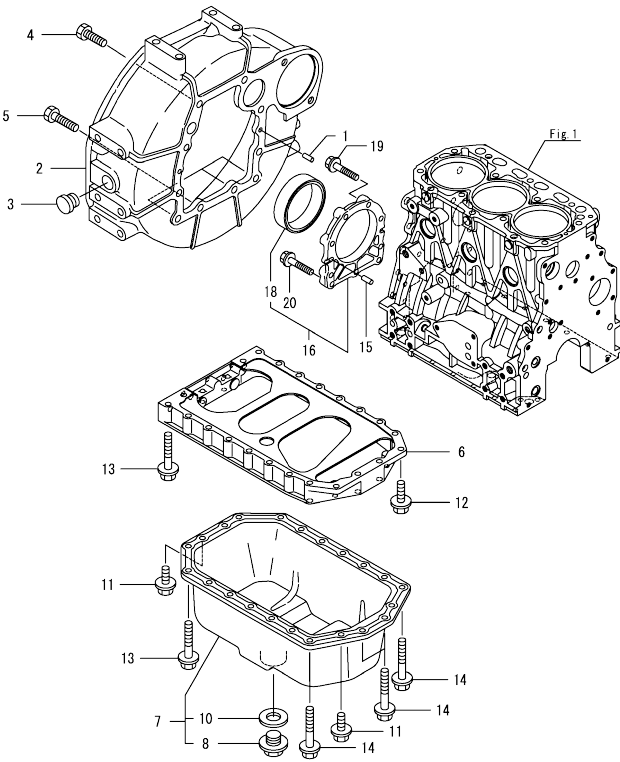
Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

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, 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	METAL ASSY, THRUST	2							
27	1	129150-01200	BOLT, CYLINDER HEAD	14							
28	1	129001-01340	GASKET, HEAD	1							
29	1	129001-02931	METAL ASSY, MAIN	4							1
32	1	129150-02871	METAL ASSY, MAIN .25	4							2
35	1	129150-02941	METAL ASSY, 0.25 OS	1							3



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729630-01500	CASE ASSY, GEAR	1							
3	2	119934-01800	SEAL, OIL	1							
4	1	119803-01520	FLANGE, GEAR CASE	1							
5	1	119802-01561	STUD, M8X25	3							
6	1	124160-01751	CAP, FILLER	1							
7	1	124240-01871	COVER, HYDRAULIC PUMP	1							
8	1	129795-01950	PIPE, KNOCK L=18	2							
9	1	119609-32040	O-RING, P16	2							
10	1	121850-51960	O-RING, FUEL PUMP	1							
11	1	26106-080852	BOLT, M8X 85 PLATED	3							
12	1	22190-080002	WASHER, SEAL 8	5							
13	1	24311-000320	O-RING, 1AP32.0	1							
14	1	26106-080162	BOLT, M8X 16 PLATED	3							
15	1	26106-080302	BOLT, M8X 30 PLATED	1							
16	1	26106-080552	BOLT, M8X 55 PLATED	12							
17	1	26106-080162	BOLT, M8X 16 PLATED	4							
18	1	26306-080002	NUT, M8	3							
19	1	121023-01551	COVER, TACHOMETER	1							
20	1	24341-000240	O-RING, 1AS24.0	1							
21	1	26106-060162	BOLT, M6X 16 PLATED	2							
22	1	171031-11741	PIPE, FILLER	1							
23	1	24311-000320	O-RING, 1AP32.0	1							

Fig.3. FLYWHEEL HOUSING & OIL SUMP

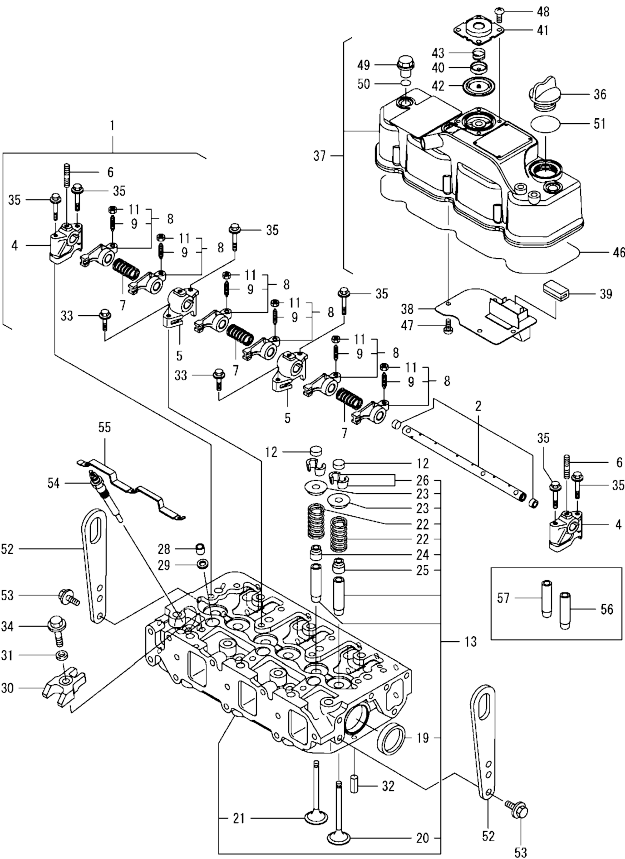


(A)=3TNV88-BSLG
(B)=
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, PARALLEL 8X16	2							
2	1	129612-01600	HOUSING, FLYWHEEL	1							
3	1	119620-01750	CAP, WHEEL COVER	1							
4	1	26206-100252	BOLT, M10X 25 PLATED	6							
5	1	26206-100302	BOLT, M10X 30 PLATED	4							
6	1	129100-01730	SPACER, OIL PAN	1							
7	1	129136-01780	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	16							
14	1	26106-080502	BOLT, M8X 50 PLATED	4							
15	1	129100-01580	PIN, PARALLEL 8X16	2							
16	1	129648-01600	CASE ASSY, OIL SEAL	1							
18	2	129648-01780	SEAL, OIL	1							
19	1	129486-01670	BOLT, M8X30	6							
20	1	26106-080352	BOLT, M8X 35 PLATED	3							

Fig.4. CYLINDER HEAD & BONNET



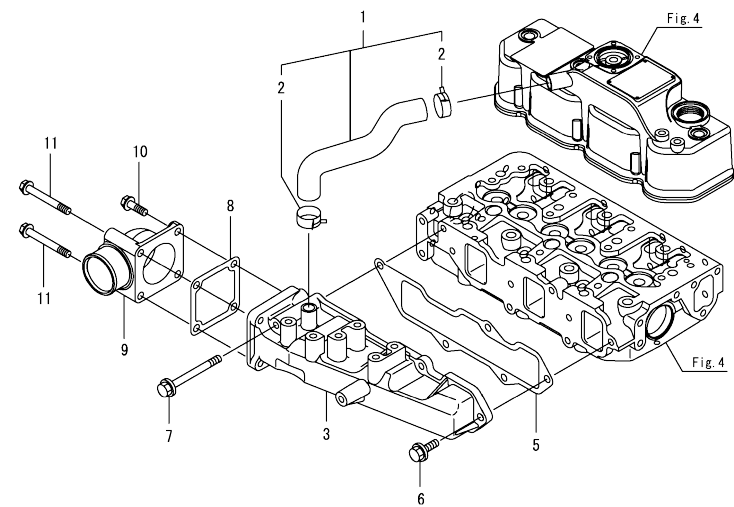
Remarks
(1)Spare parts.

(A)=3TNV88-BSLG
(B)=
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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,SHAFT	3							
8	2	129004-11650	ARM ASSY,ROCKER	6							
9	3	129150-11230	SCREW,VALVE ADJUST	6							
11	3	129150-11750	NUT,M8XP1.0	6							
12	1	129150-11370	CAP,VALVE	6							
13	1	129008-11700	HEAD ASSY,CYLINDER	1							
19	2	27241-400000	PLUG,40	2							
20	2	129005-11100	VALVE,INTAKE	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,BREATHER	1							
43	2	119802-03141	SPRING,DIAPHRAGM	1							
46	2	129004-11310	GASKET,BONNET	1							
47	2	22857-500100	SCREW,5X10	4							
48	2	22857-500100	SCREW,5X10	4							
49	1	124160-11360	KNOB,BONNET	3							
50	1	24311-000120	O-RING,1AP12.0	3							
51	1	24311-000320	O-RING,1AP32.0	1							
52	1	129900-07900	LIFTER,ENGINE	2							
53	1	26106-080162	BOLT,M8X 16 PLATED	4							1
54	1	129008-77800	PLUG,GLOW	3							
55	1	129008-77820	CONNECTOR,GLOW PLUG	1							
56	1	120130-11860	GUIDE,VALVE	3							1
57	1	129150-11810	GUIDE,VALVE	3							1

OCD50-M03920 ENGINE
Fig.5. SUCTION MANIFOLD



OCD50-M03920 Fig.5

(A)=3TNV88-BSLG

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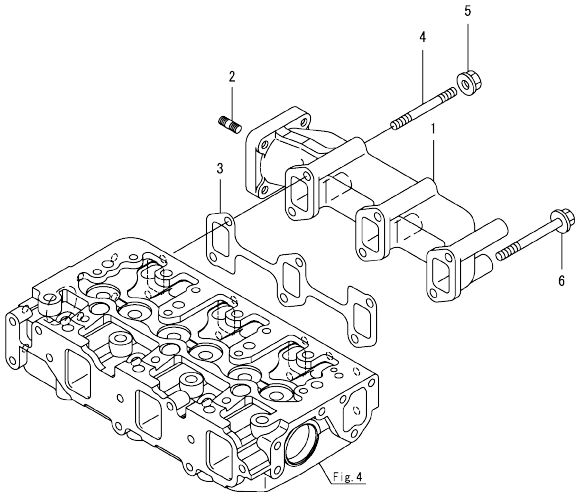
(F)=

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No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	129004-03080	HOSE ASSY, BREATHER	1					
2	2	129410-03990	CLAMP, HOSE 21.5	2					
3	1	129004-12101	MANIFOLD, INTAKE	1					
5	1	129001-12110	GASKET, MANIFOLD	1					
6	1	26106-080202	BOLT, M8X 20 PLATED	4					
7	1	26106-080802	BOLT, M8X 80 PLATED	1					
8	1	129150-77511	GASKET, AIR HEATER	1					
9	1	171340-77520	BEND, AIR HEATER	1					
10	1	26106-080252	BOLT, M8X 25 PLATED	2					
11	1	26106-080652	BOLT, M8X 65 PLATED	2					

Fig.6. EXHAUST MANIFOLD

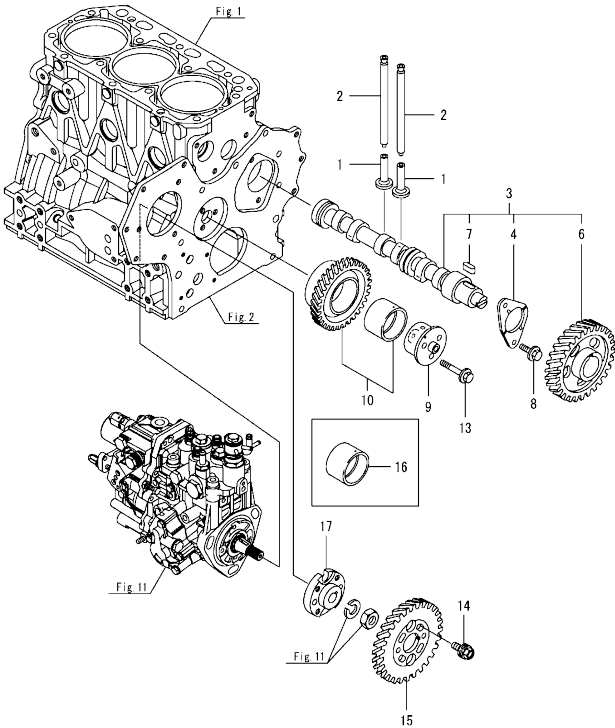


(A)=3TNV88-BSLG
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-13129	MANIFOLD, EXHAUST	1							
2	1	119131-18320	STUD, M8X22	4							
3	1	129150-13110	GASKET, MANIFOLD	1							
4	1	123900-13610	STUD, M8X80	2							
5	1	26306-080002	NUT, M8	2							
6	1	129E00-13640	BOLT, M8X80 10.9T	4							

Fig.7. CAMSHAFT & DRIVING GEAR



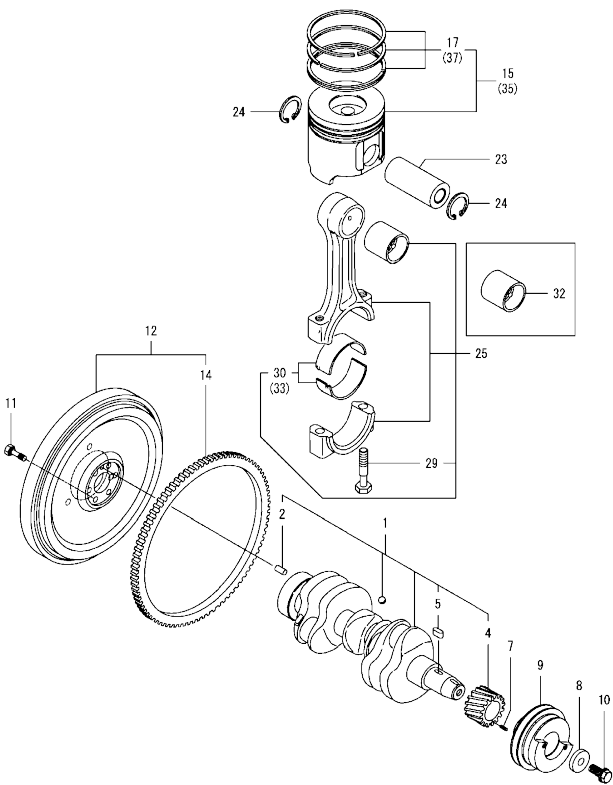
(A)=3TNV88-BSLG
(B)=
(C)=

(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	129129-14580	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	119803-25050	SHAFT, IDLE GEAR	1							
10	1	119802-25101	GEAR ASSY, IDLE	1							
13	1	26106-080402	BOLT, M8X 40 PLATED	3							
14	1	129150-25301	BOLT, INJECTION PUMP	4							
15	1	119802-25901	GEAR, PUMP	1							
16	1	119802-25071	BUSH, IDLE GEAR	1							1
17	1	158552-51151	FLANGE, CAMSHAFT	1							

Remarks
(1)Spare parts.

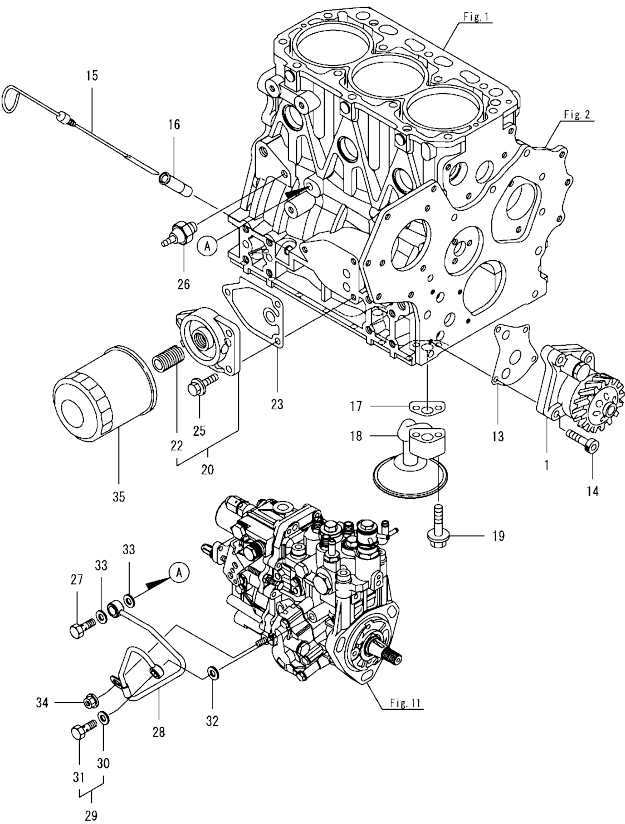
Fig.8. CRANKSHAFT & PISTON



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

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	129795-21661	WASHER, 14	1							
9	1	129054-21671	V-PULLEY, CRANKSHAFT	1							
10	1	121850-21680	BOLT, V-PULLEY	1							
11	1	121111-21501	BOLT, FLYWHEEL	6							
12	1	129128-21590	FLYWHEEL ASSY	1							
14	2	119865-21600	GEAR, RING Z=116	1							
15	1	129005-22080	PISTON ASSY	3							
17	2	129005-22500	RING SET, PISTON	3							
23	1	129202-22300	PIN, PISTON D26 L70	3							
24	1	22252-000260	RING, 26	6							
25	1	729402-23100	ROD ASSY, CONNECTING	3							
29	2	121550-23200	BOLT, CONNECTING ROD	6							
30	2	129150-23601	METAL ASSY,CRANK PIN	3							
32	1	129100-23910	METAL, PISTON PIN	3							1
33	1	129150-23611	METAL, CRANK PIN .25	3							2
35	1	129005-22900	PISTON ASSY, 0.25 OS	3							3
37	2	129005-22950	RING SET, PISTON .25	3							3

Fig.9. LUB. OIL SYSTEM



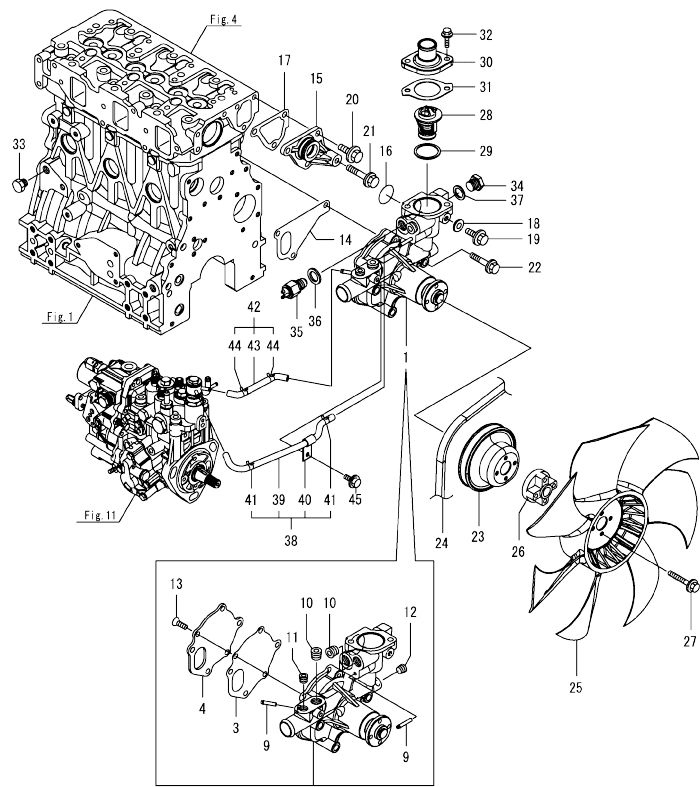
Remarks
(1)Spare parts.

(A)=3TNV88-BSLG
(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, OIL	1							
16	1	121520-34810	GUIDE, DIPSTICK	1							
17	1	129150-35042	GASKET, INLET PIPE	1							
18	1	129100-35301	PIPE ASSY, OIL INLET	1							
19	1	26106-080352	BOLT, M8X 35 PLATED	2							
20	1	119802-35100	BRACKET ASSY, FILTER	1							
22	2	129100-35140	STUD	1							
23	1	129150-35111	GASKET, BRACKET	1							
25	1	26106-080202	BOLT, M8X 20 PLATED	3							
26	1	114250-39450	SWITCH, HYDRAULIC	1							
27	1	124160-39140	BOLT, PIPE JOINT M10	1							
28	1	119802-39450	PIPE ASSY, OIL	1							
29	1	129005-59830	BOLT ASSY, JOINT M8	1							
30	2	22190-080002	WASHER, SEAL 8	1							
31	2	23857-030000	BOLT, JOINT 3	1							
32	1	22190-080002	WASHER, SEAL 8	1							
33	1	22190-100002	WASHER, SEAL 10	2							
34	1	26366-060002	NUT, M6	1							
35	1	119005-35151	FILTER, OIL D80X100	1							1

Fig.10. COOLING WATER SYSTEM

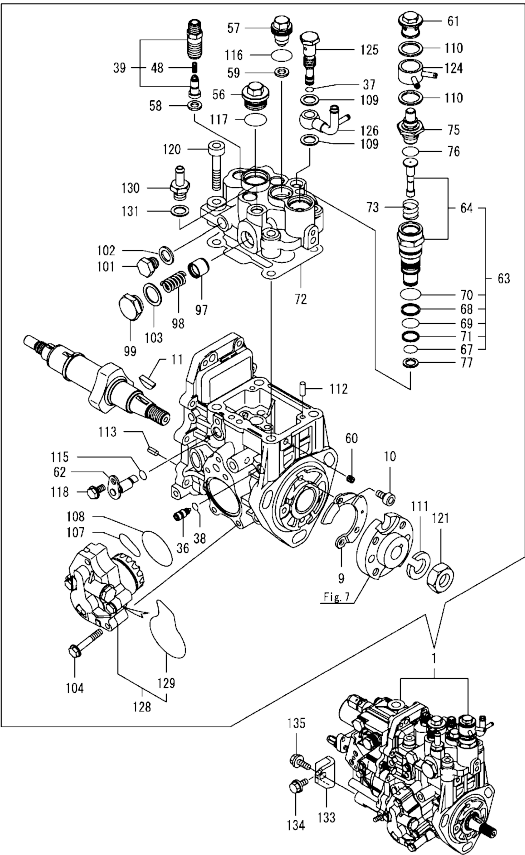


(A)=3TNV88-BSLG
(B)=
(C)=

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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	129044-42290	V-BELT, A38.5	1							
25	1	129655-44740	FAN, COOLING D=380	1							
26	1	171353-44760	SPACER, FAN 25MM	1							
27	1	26106-060402	BOLT, M6X 40 PLATED	4							
28	1	129155-49801	THERMOSTAT, 71C	1							
29	1	129150-49811	GASKET, THERMOSTAT	1							
30	1	129350-49530	COVER, THERMOSTAT	1							
31	1	129795-49551	GASKET, COVER	1							
32	1	26106-080222	BOLT, M8X 22 PLATED	2							
33	1	171056-49120	PLUG, DRAIN R1/4	1							
34	1	121450-42450	PLUG, M16	1							
35	1	121250-44901	SWITCH, TEMPERATURE	1							
36	1	124465-44950	GASKET, 16	1							
37	1	124465-44950	GASKET, 16	1							
38	1	129004-49610	HOSE ASSY, WATER A	1							
39	2	129004-49711	HOSE, WATER A	1							
40	2	119802-49730	RETAINER, PIPE	1							
41	2	124722-59050	CLAMP, HOSE 9	2							
42	1	129004-49620	HOSE ASSY, WATER B	1							
43	2	129004-49721	HOSE, WATER B	1							
44	2	124722-59050	CLAMP, HOSE 9	2							
45	1	26106-060122	BOLT, M6X 12 PLATED	1							

Fig.11. FUEL INJECTION PUMP

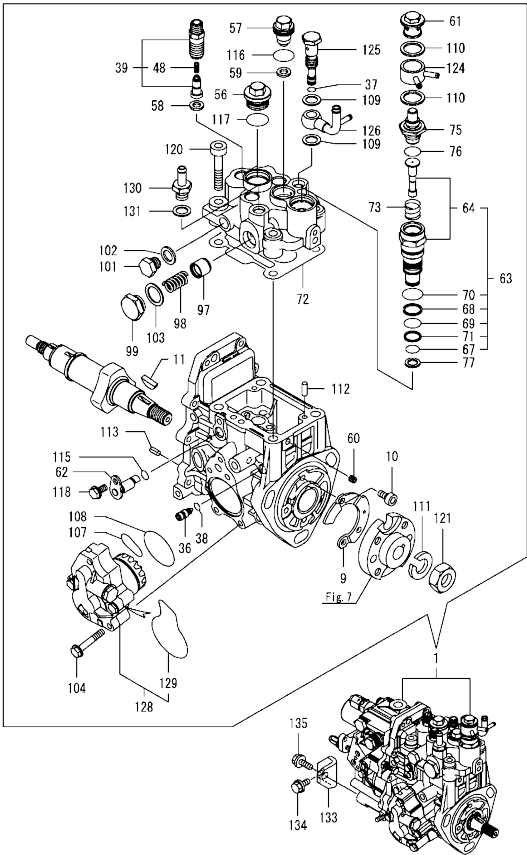


Remarks
(1)Governor(Fig.12) is incorporated in this Fuel Injection Pump(No.1).

										OCD50-M03920 Fig.11	
										(A)=3TNV88-BSLG (D)= (E)= (F)=	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	Q'ty	I R
1	1	729239-51330	FIE ASSY	1							1
9	2	129008-51900	COVER, PUMP	1							
10	2	129008-51920	BOLT, M6X10	2							
11	2	119802-51090	KEY, FEATHER 4X16	1							
36	2	158600-51270	STOPPER, TAPPET	1							
37	2	158563-51281	O-RING, 4D S6	1							
38	2	158563-51281	O-RING, 4D S6	1							
39	2	129008-51390	VALVE ASSY, DELIVERY	3							
48	3	158563-51330	SPRING, DELIVERY	3							
56	2	158601-51550	PLUG, M22	1							
57	2	119802-51560	PLUG, BARREL M14	1							
58	2	158552-51571	GASKET, BARREL PLUG	3							
59	2	158552-51571	GASKET, BARREL PLUG	1							
60	2	158557-51570	PLUG, RACK	1							
61	2	158601-51570	PLUG	1							
62	2	158552-51580	LIFTER, LINK	1							
63	2	119802-51590	TIMER ASSY	1							
64	3	119802-51600	TIMER ASSY	1							
67	3	158553-51670	O-RING, PUMP TIMER	1							
68	3	119802-51680	RING, BACKUP	1							
69	3	119802-51690	O-RING, 1016	1							
70	3	24356-190200	O-RING, 4D19020	1							
71	3	24372-000150	RING, BACK UP T2P15	1							
72	2	158552-51600	GASKET, HEAD	1							
73	2	158553-51630	SPRING, TIMER	1							
75	2	158553-51650	ELEMENT, THERMOSTAT	1							
76	2	158553-51660	O-RING, P14	1							
77	2	158553-51680	GASKET, TIMER	1							
97	2	158601-51770	PISTON, ACCUMULATOR	1							
98	2	158552-51781	SPRING, ACCUMULATOR	1							
99	2	158601-51790	PLUG, ACCUMULATOR	1							
101	2	158553-51930	PLUG, M12	1							
102	2	22190-120002	WASHER, SEAL 12	1							
103	2	22190-180002	WASHER, SEAL 18	1							
104	2	158553-51770	BOLT	4							
107	2	158552-52311	O-RING, FEED PUMP	1							
108	2	158552-52400	O-RING, 4E S42	1							
109	2	22190-120002	WASHER, SEAL 12	2							
110	2	22190-180002	WASHER, SEAL 18	2							
111	2	22217-140000	WASHER, SPRING 14	1							
112	2	22312-050140	PIN, PARALLEL 5X14	2							
113	2	22351-050010	PIN, SPRING 5.0X10	2							
115	2	24311-000070	O-RING, 1AP7.0	1							
116	2	24356-190180	O-RING, 4D19018	1							
117	2	24356-190200	O-RING, 4D19020	1							
118	2	26106-060102	BOLT, M6X 10 PLATED	1							
120	2	26450-080452	BOLT, M8X 45	4							
121	2	26776-140002	NUT, LOCK M14	1							
124	2	158553-51551	JOINT, COOLING WATER	1							
125	2	158601-51650	JOINT, OVERFLOW	1							
126	2	158552-51670	JOINT, OVERFLOW	1							

N:Old $\frac{New}{Old}$ New, Q:Old $\frac{New}{Old}$ New, R:Old $\frac{New}{Old}$ New, S:Old $\frac{New}{Old}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Fig.11. FUEL INJECTION PUMP



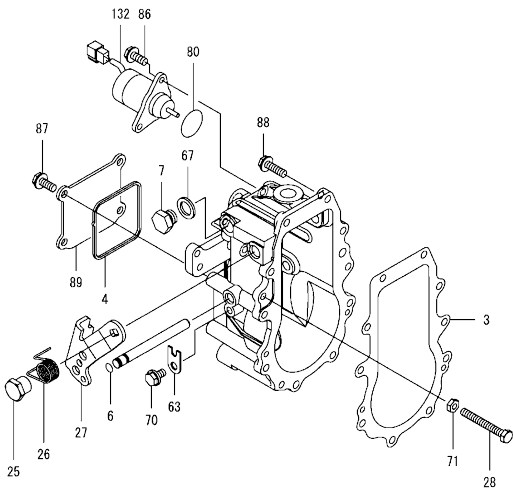
Remarks
(1)Governor(Fig.12) is incorporated in this Fuel Injection Pump(No.1).

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

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

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, PUMP INNER	1							
130	2	119934-59910	JOINT, PIPE	1							
131	2	22190-120002	WASHER, SEAL 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							

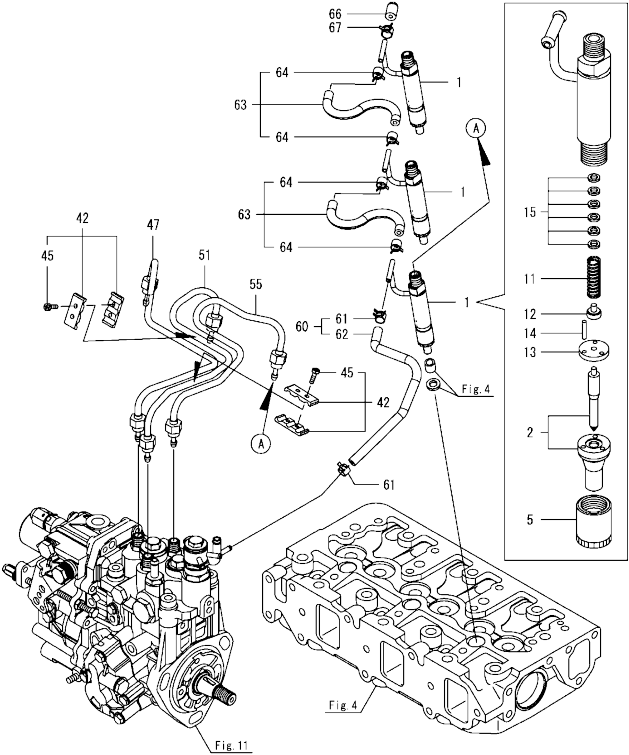
OCD50-M03920 ENGINE
Fig.12. GOVERNOR



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

				OCD50-M03920 Fig.12							
				(A)=3TNV88-BSLG	(D)=						
				(B)=	(E)=						
				(C)=	(F)=						
				Q'ty							
				(A)	(B)	(C)	(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						
7	2	158553-51930	PLUG, M12		1						
25	2	129255-61410	NUT, CONTROL LEVER		1						
26	2	119807-61420	SPRING, RETURN		1						
27	2	158552-61441	LEVER, REGULATOR		1						
28	2	129155-61461	BOLT, IDLE LIMIT		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	119740-61470	NUT		1						
80	2	158552-61900	O-RING		1						
86	2	26106-060142	BOLT, M6X 14 PLATED		2						
87	2	26106-060142	BOLT, M6X 14 PLATED		4						
88	2	26106-060202	BOLT, M6X 20 PLATED		10						
89	2	129642-61060	COVER, GOVERNOR CASE		1						
132	2	129630-77900	SOLENOID, STOP		1						

Fig.13. FUEL INJECTION VALVE



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

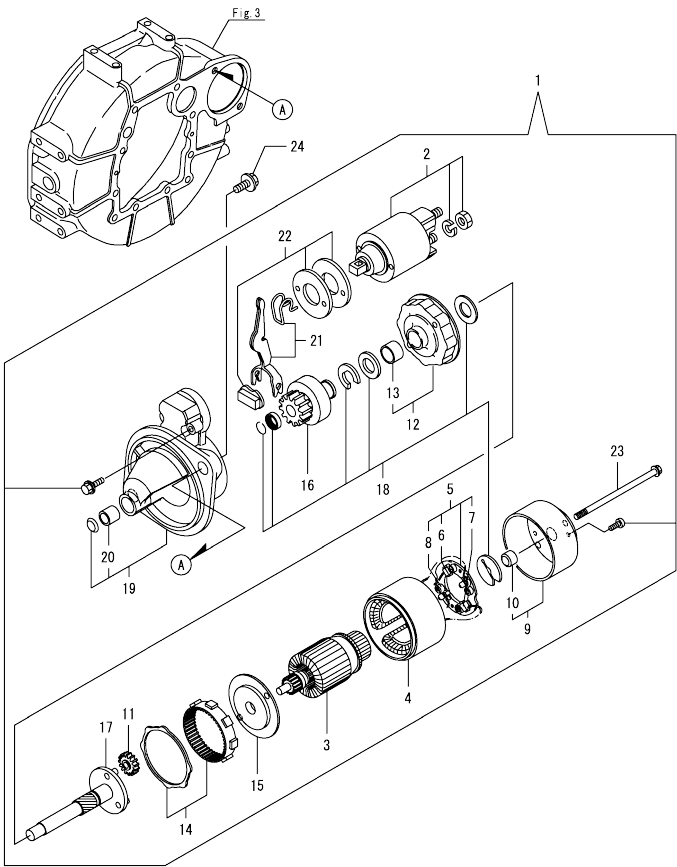
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729236-53100	VALVE ASSY,INJECTION	3							
2	2	129236-53000	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							1
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							

Remarks
(1)Spare parts.

[illegible]

Fig.15. STARTER MOTOR

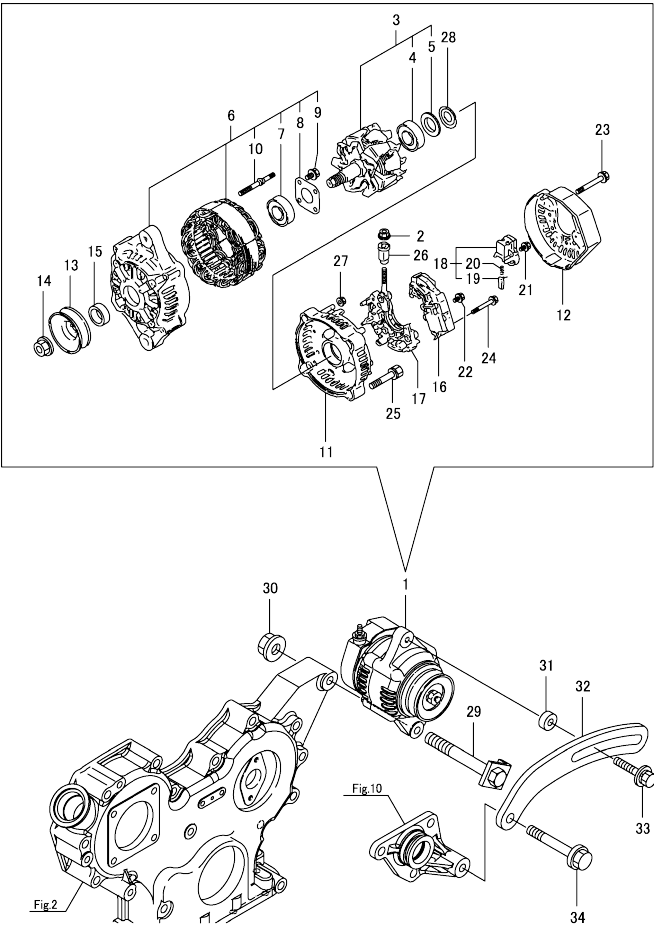


(A)=3TNV88-BSLG
(B)=
(C)=

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

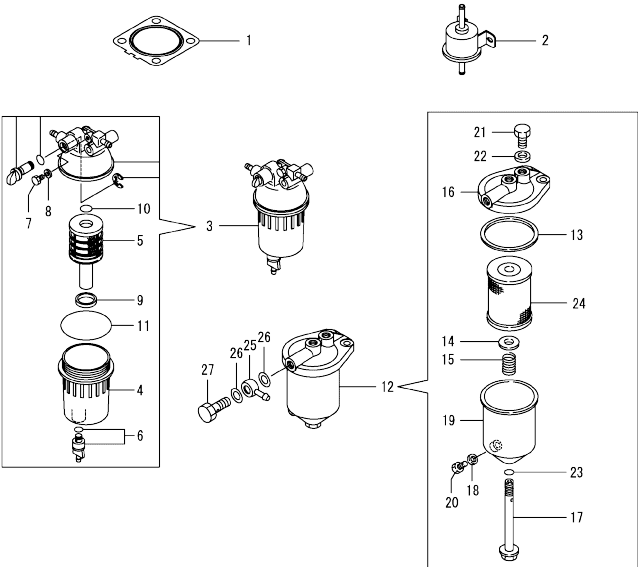
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129242-77010	STARTER, 1.7	1							
2	2	129698-77020	SWITCH ASSY, MAGNET	1							
3	2	129242-77100	ARMATURE ASSY	1							
4	2	129242-77110	YOKE ASSY	1							
5	2	129242-77120	HOLDER ASSY, BRUSH	1							
6	3	129242-77130	BRUSH, -	2							
7	3	129242-77140	BRUSH SET	1							
8	3	129242-77150	SPRING, BRUSH	4							
9	2	129242-77160	COVER ASSY, STARTER	1							
10	3	129242-77170	METAL, REAR COVER	1							
11	2	118400-77170	GEAR, PLANETARY	3							
12	2	129242-77180	BRACKET, CENTER P	1							
13	3	129698-77190	BRACKET, CENTER	1							
14	2	129698-77200	GEAR, INTERNAL	1							
15	2	129242-77210	BRACKET, CENTER A	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	METAL, STARTER	1							
21	2	129242-77270	LEVER SET, SHIFT	1							
22	2	129242-77280	COVER KIT, DUST	1							
23	2	124195-77770	BOLT, THROUGH	2							
24	1	26106-120252	BOLT, M12X 25 PLATED	2							

OCD50-M03920 ENGINE
Fig.16. GENERATOR



										OCD50-M03920		Fig.16	
										(A)=3TNV88-BSLG		(D)=	
										(B)=		(E)=	
										(C)=		(F)=	
No.	Lev.	Parts No.	Description	Q'ty						I	R		
				(A)	(B)	(C)	(D)	(E)	(F)				
1	1	129423-77210	ALTERNATOR, 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, BEARING	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, REAR	1									
12	2	129240-79300	COVER	1									
13	2	119620-77461	PULLEY, GENERATOR	1									
14	2	119620-77471	NUT	1									
15	2	119620-77490	COLLAR	1									
16	2	129423-77720	REGULATOR ASSY	1									
17	2	119620-79260	HOLDER ASSY	1									
18	2	129052-79270	HOLDER ASSY, BRUSH	1									
19	3	119620-77480	BRUSH ASSY, SUB	2									
20	3	119620-79280	SPRING	2									
21	2	119620-79290	SCREW	6									
22	2	119620-79300	SCREW	1									
23	2	119620-79310	BOLT	3									
24	2	119620-79320	SCREW, W/WASHER	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	119740-77251	BOLT, M10X80	1									
30	1	26306-100002	NUT, M10	1									
31	1	119940-77270	SPACER, GENERATOR	1									
32	1	119802-77330	ADJUSTER, BELT	1									
33	1	129972-77341	BOLT, ADJUSTER L=50	1									
34	1	26106-080452	BOLT, M8X 45 PLATED	1									

Fig.17. ACCESSORY

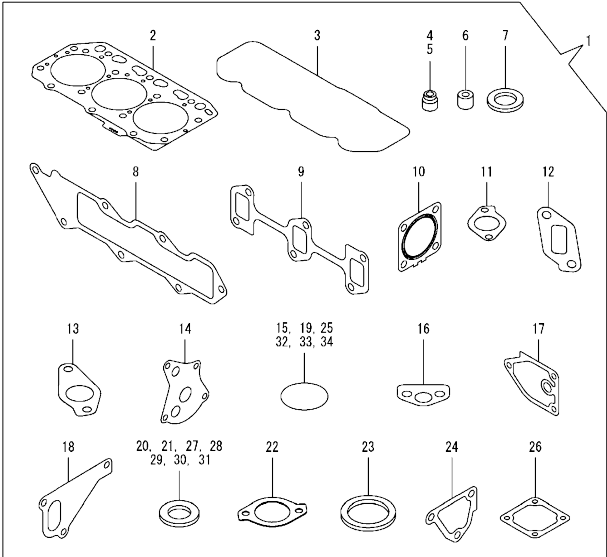


(A)=3TNV88-BSLG
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-13200	GASKET, SILENCER	1							
2	1	129612-52100	PUMP, FUEL FEED	1							
3	1	129242-55701	SEPARATOR ASSY,WATER	1							
4	2	129242-55720	CUP, SEPARATOR	1							
5	2	129242-55730	ELEMENT, FUEL FILTER	1							
6	2	129242-55740	PLUG, DRAIN	1							
7	2	129242-55750	VALVE, AIR VENT	1							
8	2	129242-55760	GASKET, PLUG	1							
9	2	129242-55770	FLOAT	1							
10	2	24311-000160	O-RING, 1AP16.0	1							
11	2	24321-000750	O-RING, 1AG75.0	1							
12	1	129065-55750	SEPARATOR ASSY,WATER	1							
13	2	123325-35140	GASKET, COVER	1							
14	2	123325-35160	SEAT, SPRING	1							
15	2	129065-55170	SPRING, FILTER	1							
16	2	129495-55610	BODY, STRAINER	1							
17	2	129495-55620	BOLT, CENTER	1							
18	2	123672-55760	GASKET	1							
19	2	129065-55760	CASE, SEPARATOR	1							
20	2	129065-55770	PLUG, DRAIN M8	1							
21	2	129065-55800	PLUG, M14	1							
22	2	123678-55890	GASKET, PLUG	1							
23	2	24311-000120	O-RING, 1AP12.0	1							
24	2	41650-550800	ELEMENT, FUEL	1							
25	1	121855-59880	JOINT, FUEL PIPE	2							
26	1	22190-140002	WASHER, SEAL 14	4							
27	1	23857-080000	BOLT, JOINT 8	2							

Fig.18. GASKET SET



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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129017-92611	GASKET SET	1							1
2	2	129001-01340	GASKET, HEAD	1							
3	2	129004-11310	GASKET, BONNET	1							
4	2	121400-11340	SEAL, VALVE STEM	3							
5	2	124460-11340	SEAL, VALVE STEM	3							
6	2	119802-11870	PROTECTOR, NOZZLE	3							
7	2	119625-11880	SEAT, NOZZLE	3							
8	2	129017-12110	GASKET, MANIFOLD	1							
9	2	129150-13110	GASKET, MANIFOLD	1							
10	2	129004-13200	GASKET, SILENCER	1							
11	2	129927-13810	GASKET, EGR PIPE	1							
12	2	129927-13910	GASKET, EGR	1							
13	2	129927-13920	GASKET, EGR	1							
14	2	129150-32020	GASKET, PUMP	1							
15	2	119609-32040	O-RING, P16	2							
16	2	129150-35042	GASKET, INLET PIPE	1							
17	2	129150-35111	GASKET, BRACKET	1							
18	2	129486-42021	GASKET, WATER PUMP	1							
19	2	129486-42140	O-RING, G30	1							
20	2	124465-44950	GASKET, 16	1							
21	2	129150-49360	GASKET, 10	1							
22	2	129795-49551	GASKET, COVER	1							
23	2	129150-49811	GASKET, THERMOSTAT	1							
24	2	124395-49840	GASKET, THERMOSTAT	1							
25	2	121850-51960	O-RING, FUEL PUMP	1							
26	2	129150-77511	GASKET, AIR HEATER	1							
27	2	22190-080002	WASHER, SEAL 8	7							
28	2	22190-100002	WASHER, SEAL 10	2							
29	2	22190-120002	WASHER, SEAL 12	1							
30	2	22190-220002	WASHER, SEAL 22	1							
31	2	23414-080000	GASKET, 8X1.0	1							
32	2	24311-000120	O-RING, 1AP12.0	3							
33	2	24311-000320	O-RING, 1AP32.0	3							
34	2	24341-000240	O-RING, 1AS24.0	1							

Remarks
(1)Optional parts.

Parts No. Index

Parts No.	Fig. No.	Ref. No.
105025-59750	14	11
105025-59760	14	8
114250-39450	9	26
114250-53080	13	5
114250-53120	13	11
114250-53130	13	12
114250-53140	13	13
114250-53210	13	14
118400-77170	15	11
119005-35151	9	35
119131-18320	6	2
119593-59581	13	66
119609-32040	2	9
	18	15
119620-01750	3	3
119620-77380	16	3
119620-77421	16	6
119620-77440	16	11
119620-77461	16	13
119620-77471	16	14
119620-77480	16	19
119620-77490	16	15
119620-79200	16	7
119620-79210	16	8
119620-79220	16	9
119620-79230	16	10
119620-79250	16	5
119620-79260	16	17
119620-79280	16	20
119620-79290	16	21
119620-79300	16	22
119620-79310	16	23
119620-79320	16	24
119620-79330	16	25
119620-79340	16	26
119620-79350	16	27
119620-79360	16	28
119625-11880	4	29
	18	7
119640-01640	3	8
119660-61901	12	63
119740-61470	12	71
119740-77251	16	29
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

Parts No.	Fig. No.	Ref. No.
119802-11280	4	6
119802-11870	4	28
	18	6
119802-25071	7	16
119802-25101	7	10
119802-25901	7	15
119802-35100	9	20
119802-39450	9	28
119802-49113	10	9
119802-49730	10	40
119802-51090	11	11
119802-51250	11	133
119802-51560	11	57
119802-51590	11	63
119802-51600	11	64
119802-51680	11	68
119802-51690	11	69
119802-59550	13	60
119802-59560	13	62
119802-77330	16	32
119803-01520	2	4
119803-21200	8	4
119803-25050	7	9
119803-53400	13	15
119807-61420	12	26
119865-21600	8	14
119934-01800	2	3
119934-59910	11	130
119940-55690	14	2
119940-77270	16	31
120130-11860	4	56
120270-54410	4	31
121023-01551	2	19
121111-21501	8	11
121250-44901	10	35
121400-11340	4	24
	18	4
121450-42450	10	34
121520-34810	9	16
121550-23200	8	29
121850-21680	8	10
121850-51960	2	10
	18	25
121855-59880	17	25
123325-35140	17	13
123325-35160	17	14
123501-79240	16	4
123672-55760	17	18
123678-55890	17	22
123900-13610	6	4

Parts No.	Fig. No.	Ref. No.
124060-01050	1	4
124060-77680	13	67
124160-01751	2	6
	4	36
124160-01910	1	6
		7
124160-11360	4	49
124160-39140	9	27
124195-77770	15	23
124240-01871	2	7
124395-49840	10	17
	18	24
124460-11340	4	25
	18	5
124465-44950	10	36
		37
	18	20
124722-59050	10	41
		44
	13	61
		64
124766-59050	14	7
		10
129001-01250	1	5
129001-01340	1	28
	18	2
129001-02931	1	29
129001-12110	5	5
129001-32002	9	1
129004-03010	4	38
129004-03080	5	1
129004-11241	4	1
129004-11251	4	2
129004-11310	4	46
	18	3
129004-11350	4	37
129004-11650	4	8
129004-11900	4	30
129004-12101	5	3
129004-13129	6	1
129004-13200	17	1
	18	10
129004-34802	9	15
129004-42001	10	1
129004-42040	10	15
129004-49610	10	38
129004-49620	10	42
129004-49711	10	39
129004-49721	10	43
129004-55612	14	1

Parts No.	Fig. No.	Ref. No.
129004-59811	13	47
129004-59821	13	51
129004-59831	13	55
129005-11100	4	20
129005-22080	8	15
129005-22500	8	17
129005-22900	8	35
129005-22950	8	37
129005-59830	9	29
129008-11700	4	13
129008-21000	8	1
129008-51390	11	39
129008-51900	11	9
129008-51920	11	10
129008-77800	4	54
129008-77820	4	55
129017-12110	18	8
129017-92611	18	1
129044-42290	10	24
129052-79270	16	18
129054-21671	8	9
129065-55170	17	15
129065-55750	17	12
129065-55760	17	19
129065-55770	17	20
129065-55800	17	21
129100-01580	3	1
		15
	8	2
129100-01730	3	6
129100-11112	4	21
129100-23910	8	32
129100-35140	9	22
129100-35301	9	18
129100-42051	10	3
129100-42121	10	4
129128-21590	8	12
129129-14580	7	3
129136-01780	3	7
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

Parts No. Index

Parts No.	Fig. No.	Ref. No.
129150-11810	4	57
129150-13110	6	3
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129150-14101	7	6
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