

0CD50-M02940EN

P R E F A C E

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

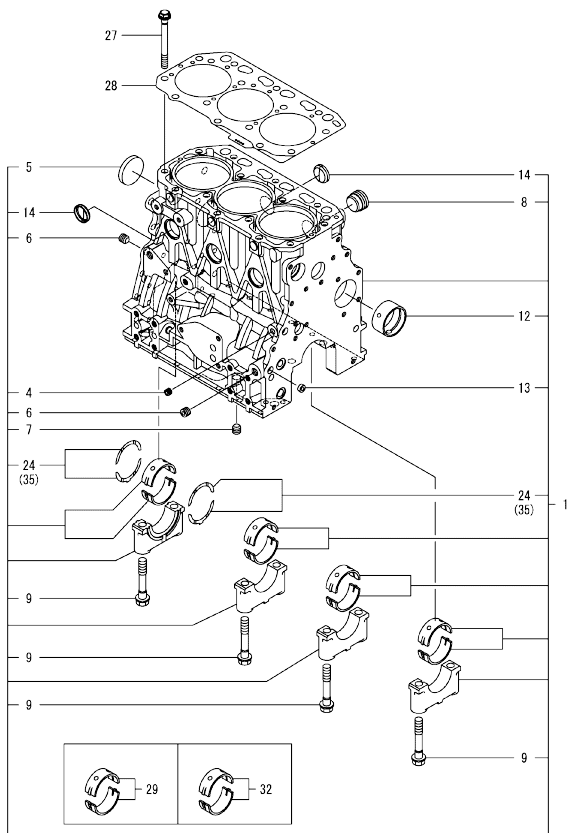
Published : January, 2017

Contents

0CD50-M02940

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		

Fig.1. CYLINDER BLOCK



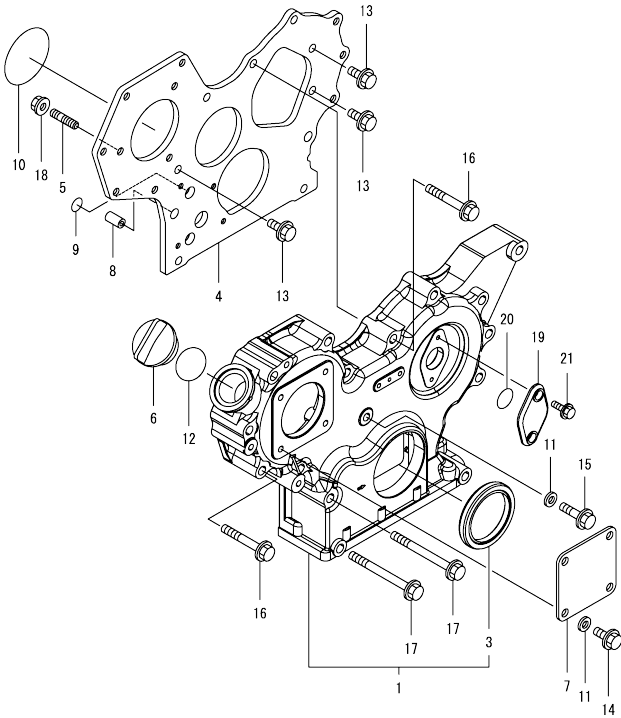
Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

(A)=3TNV88-BDVG
(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	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.2. GEAR HOUSING

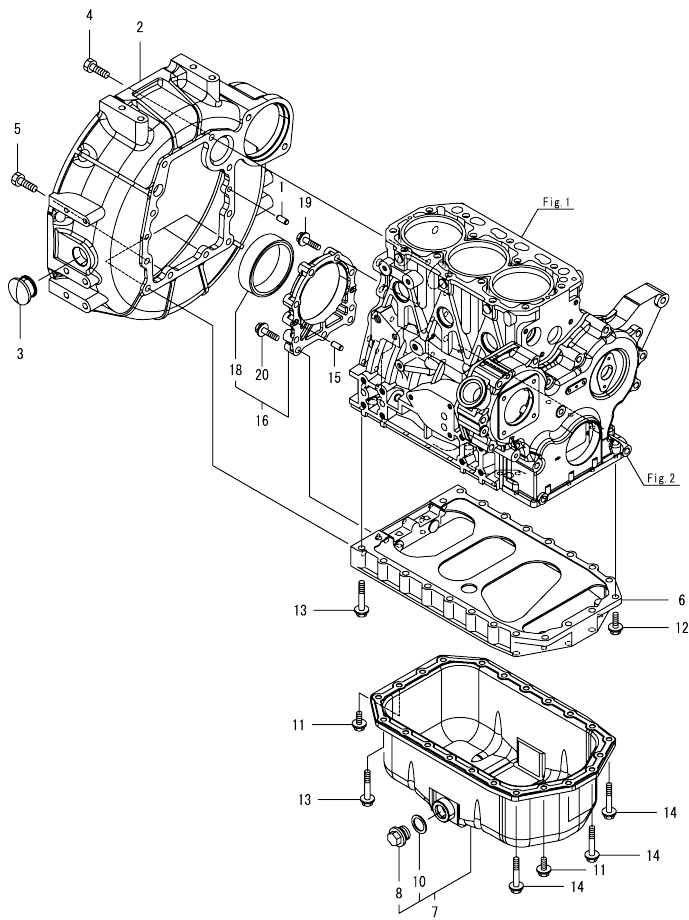


(A)=3TNV88-BDVG
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719803-01500	CASE ASSY, GEAR	1							
3	2	119934-01800	SEAL, OIL	1							
4	1	119803-01520	FLANGE, GEAR CASE	1							
5	1	119802-01561	BOLT, STUD M8X25	3							
6	1	124160-01751	CAP, FILLER	1							
7	1	124240-01871	COVER, PUMP	1							
8	1	129795-01950	PIPE, DOWEL L=18	2							
9	1	119609-32040	O-RING, P16	2							
10	1	121850-51960	O-RING	1							
11	1	22190-080002	WASHER, SEAL 8	5							
12	1	24311-000320	O-RING, 1AP32.0	1							
13	1	26106-080162	BOLT, M8X 16 PLATED	3							
14	1	26106-080162	BOLT, M8X 16 PLATED	4							
15	1	26106-080302	BOLT, M8X 30 PLATED	1							
16	1	26106-080552	BOLT, M8X 55 PLATED	12							
17	1	26106-080852	BOLT, M8X 85 PLATED	3							
18	1	26306-080002	NUT, M8	3							
19	1	121023-01551	COVER	1							
20	1	24341-000240	O-RING, 1AS24.0	1							
21	1	26106-060162	BOLT, M6X 16 PLATED	2							

Fig.3. FLYWHEEL HOUSING & OIL SUMP

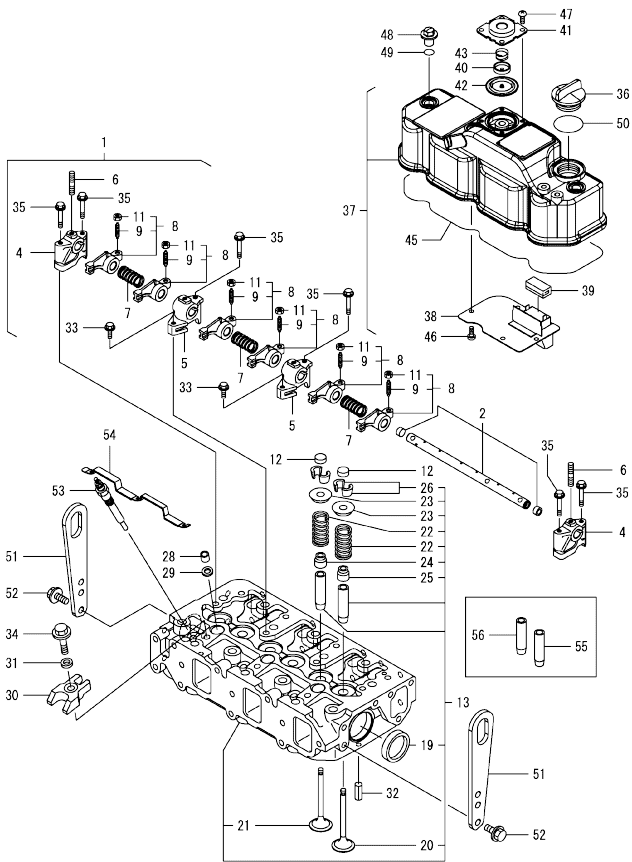


(A)=3TNV88-BDVG
(B)=
(C)=

(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	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	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



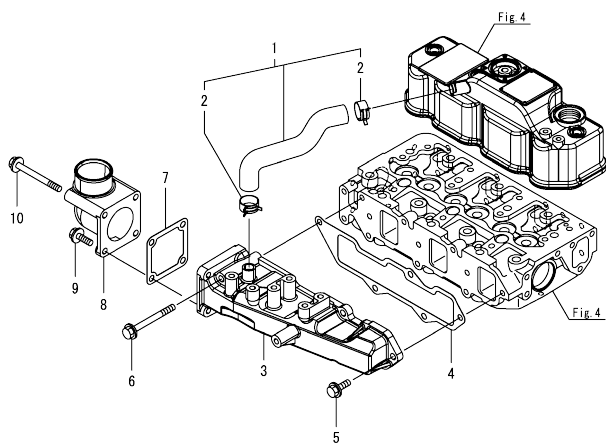
Remarks
(1)Spare parts.

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

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

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



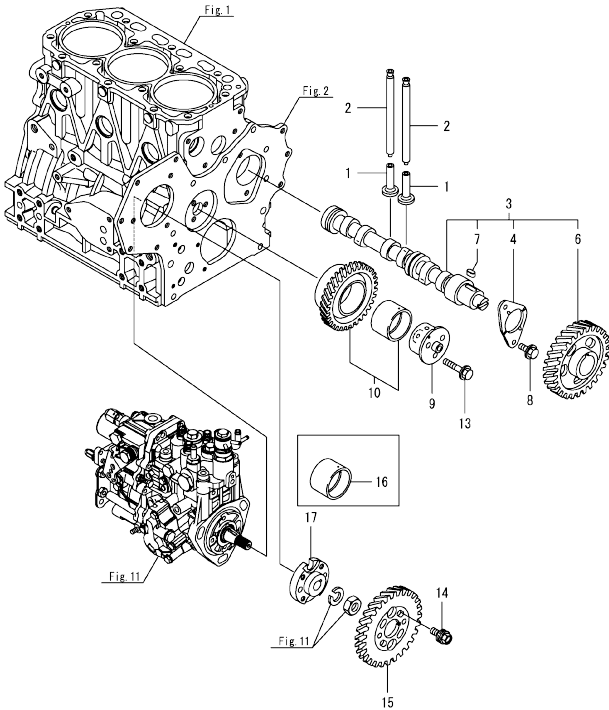
(D)=
(E)=

(F)=

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	129150-77511	GASKET, AIR HEATER	1							
8	1	119803-77520	BEND, AIR HEATER	1							
9	1	26106-080202	BOLT, M8X 20 PLATED	2							
10	1	26106-080802	BOLT, M8X 80 PLATED	2							

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:Q'ty Change

Fig.7. CAMSHAFT & DRIVING GEAR



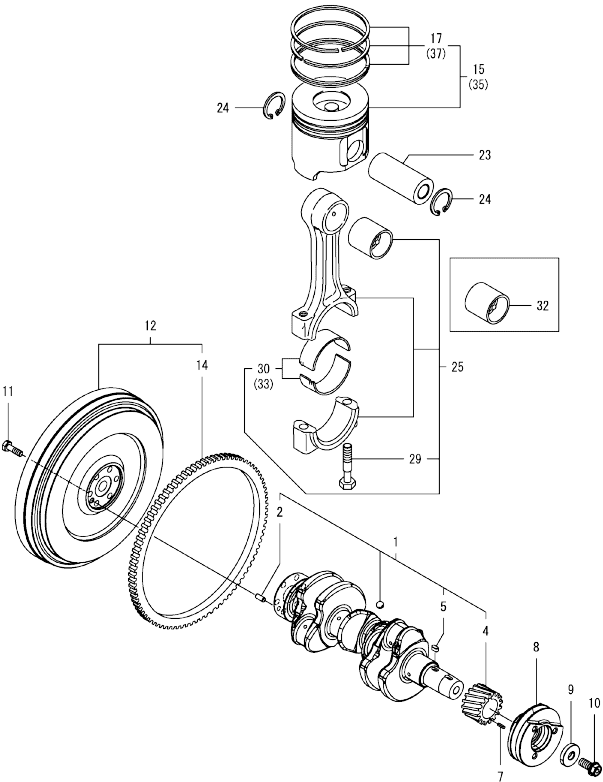
Remarks
(1)Spare parts.

(A)=3TNV88-BDVG
(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	PUSH-ROD, L=178	6							
3	1	129129-14580	CAMSHAFT ASSY	1							
4	2	129150-02450	BEARING, 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	1							
10	1	119802-25101	GEAR ASSY, IDLE	1							
13	1	26106-080402	BOLT, M8X 40 PLATED	3							
14	1	129150-25301	BOLT	4							
15	1	119802-25901	GEAR, PUMP	1							
16	1	119802-25071	BUSH, IDLE GEAR	1							1
17	1	158552-51151	FLANGE	1							

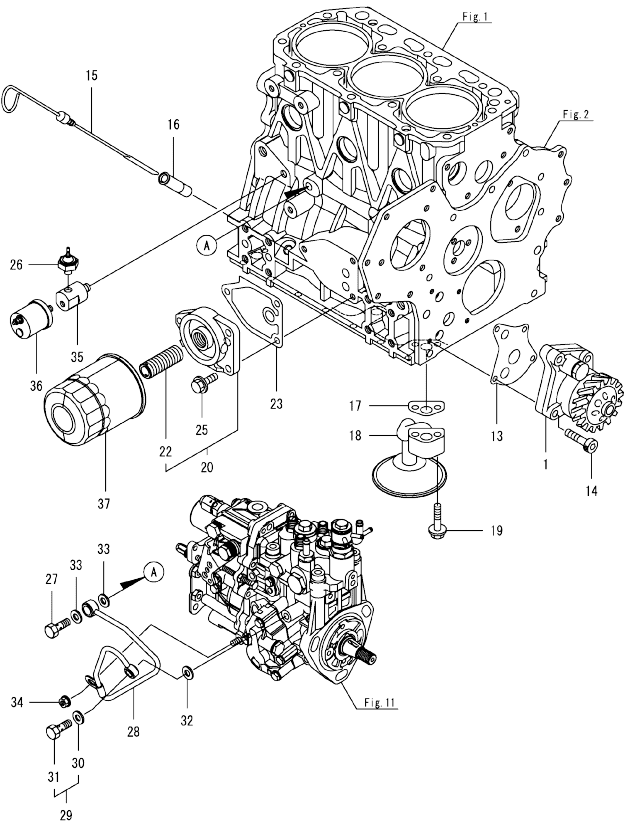
Fig.8. CRANKSHAFT & PISTON



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	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	171340-21590	FLYWHEEL ASSY	1							
14	2	124550-21600	GEAR, RING Z=127	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	BEARING, CRANK PIN	3							
32	1	129100-23910	BEARING, PISTON PIN	3							1
33	1	129150-23611	BEARING, 0.25 US	3							2
35	1	129005-22900	PISTON ASSY, 0.25 OS	3							3
37	2	129005-22950	RING SET, 0.25 OS	3							3

Fig.9. LUB. OIL SYSTEM



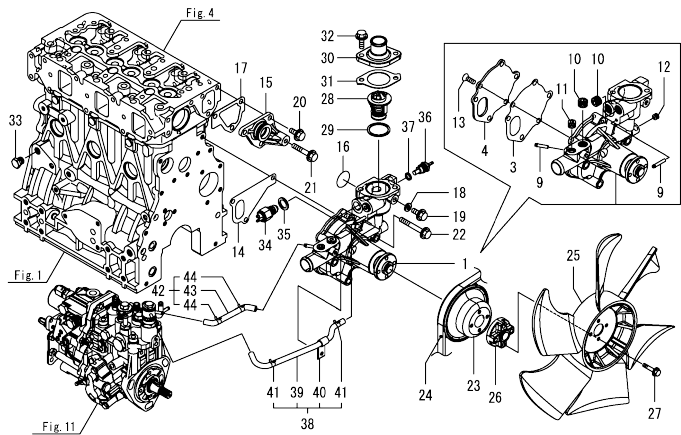
Remarks
(1)Spare parts.

(A)=3TNV88-BDVG
(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	119802-35100	BRACKET ASSY, FILTER	1							
22	2	129100-35140	BOLT, STUD	1							
23	1	129150-35111	GASKET	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	171375-39601	DAMPER, 1/8	1							
36	1	119773-91501	SENSOR, PRESSURE	1							
37	1	119005-35170	FILTER, D80X100	1							1

Fig.10. COOLING WATER SYSTEM

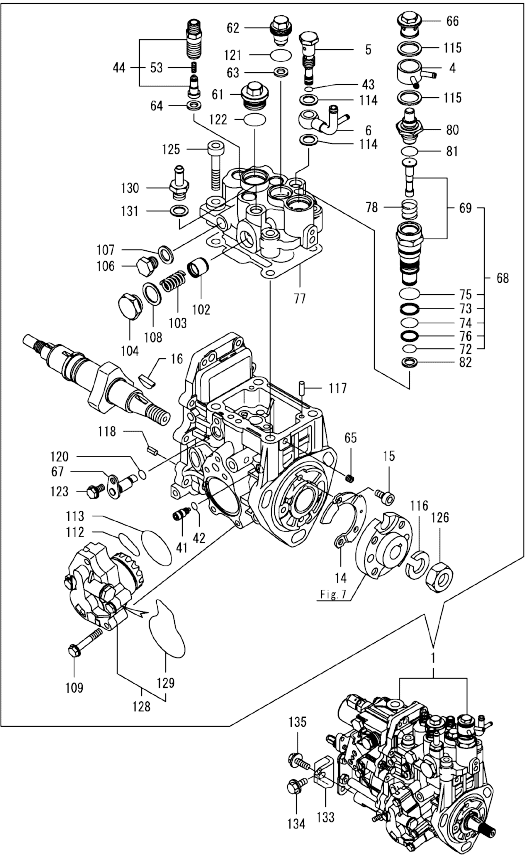


(A)=3TNV88-BDVG
(B)=
(C)=

(D)=
(E)=
(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	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, D=110	1							
24	1	129612-42330	V-BELT, A37.5	1							
25	1	129030-44740	FAN, COOLING D360XUG	1							
26	1	121267-44760	SPACER, FAN	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	129350-49530	COVER, THERMOSTAT	1							
31	1	129795-49551	GASKET	1							
32	1	26106-080222	BOLT, M8X 22 PLATED	2							
33	1	171056-49120	PLUG, DRAIN R1/4	1							
34	1	121250-44901	SWITCH, THERMO 110	1							
35	1	124465-44950	GASKET, 16	1							
36	1	124250-49351	SENSOR, WATER TEMP.	1							
37	1	129150-49360	GASKET	1							
38	1	129004-49610	HOSE ASSY, WATER	1							
39	2	129004-49711	HOSE, WATER	1							
40	2	119802-49730	RETAINER, PIPE	1							
41	2	124722-59050	CLAMP, HOSE 9	2							
42	1	129004-49620	HOSE ASSY, WATER	1							
43	2	129004-49721	HOSE, WATER	1							
44	2	124722-59050	CLAMP, HOSE 9	2							

Fig.11. FUEL INJECTION PUMP

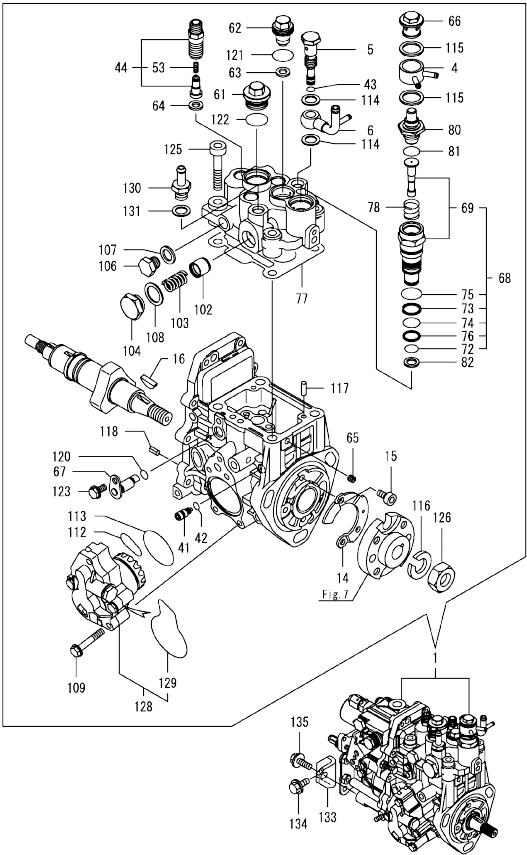


Remarks
(1)Governor(Fig.12) is incorporated in this Fuel Injection Pump(No.1).

										OCD50-M02940 Fig.11	
										(A)=3TNV88-BDVG	
										(D)=	
										(E)=	
										(F)=	
										Q'ty	
										I R	
No.	Lev.	Parts No.	Description	(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, N:New, O:Old, O:New, R:Old, R:New, S:Old, S:New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
Copyright (C) 2017 YANMAR CO., LTD. All Rights Reserved.

Fig.11. FUEL INJECTION PUMP



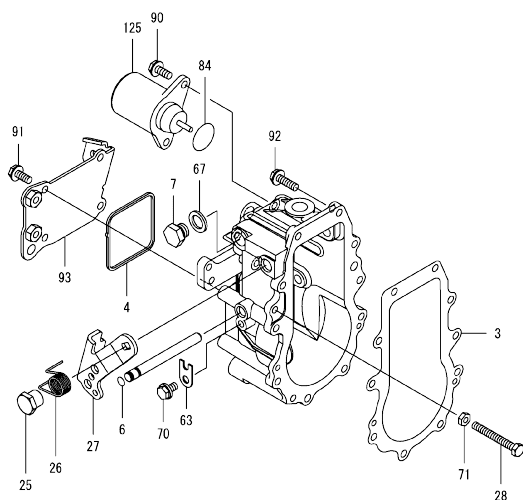
Remarks
(1)Governor(Fig.12) is incorporated in this Fuel Injection Pump(No.1).

(A)=3TNV88-BDVG
(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	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							

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
Copyright (C) 2017 YANMAR CO., LTD. All Rights Reserved.



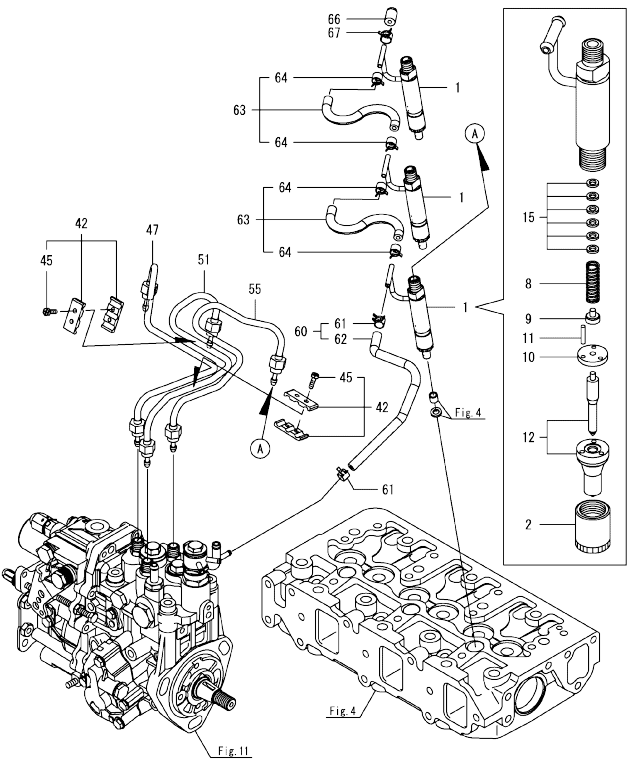
No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	2	158553-61050	GASKET	1							
4	2	158553-61070	GASKET	1							
6	2	129155-51280	O-RING, S6	1							
7	2	158553-51930	PLUG, M12	1							
25	2	129255-61410	NUT, M8	1							
26	2	119807-61420	SPRING, RETURN	1							
27	2	158552-61441	LEVER, REGULATOR	1							
28	2	129155-61461	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	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							

Remarks

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

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:Q'ty Change

Fig.13. FUEL INJECTION VALVE



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

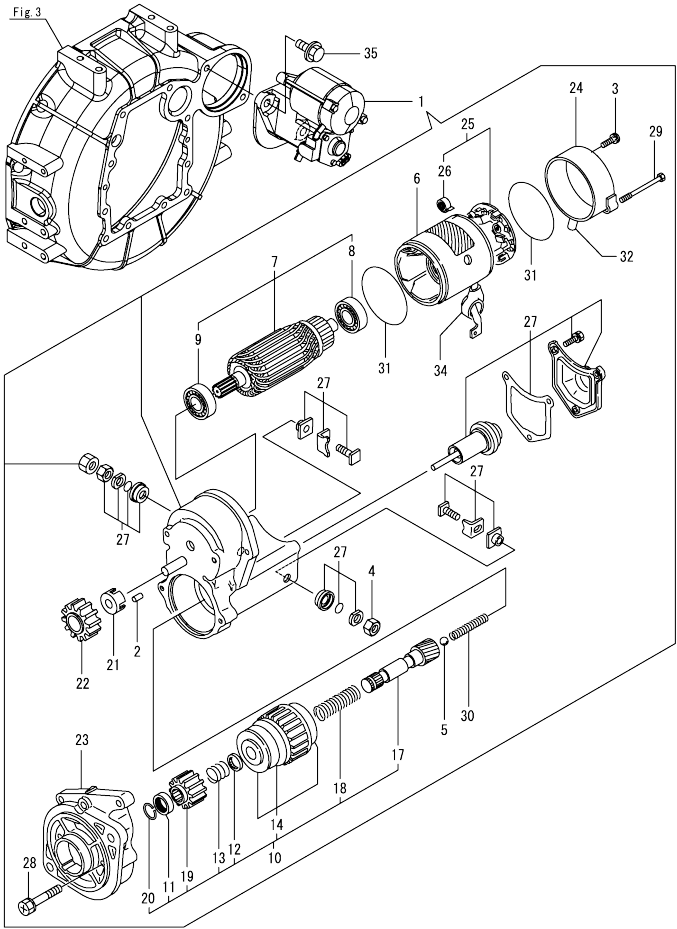
(D)=
(E)=
(F)=

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							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	1							
67	1	124060-77680	CLAMP, HOSE 10	1							

Remarks
(1)Spare parts.

[illegible]

Fig.15. STARTER MOTOR

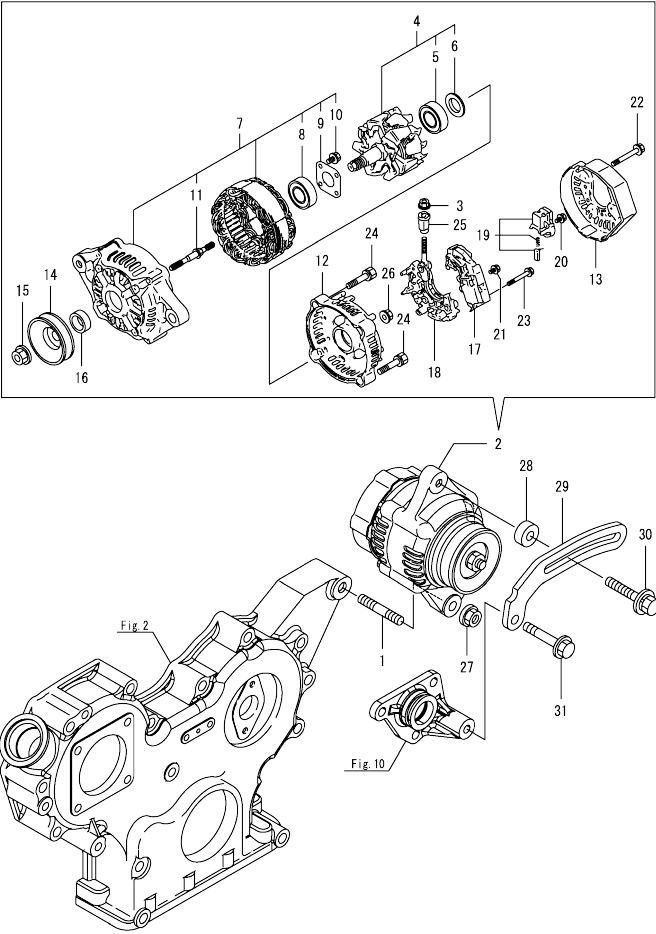


(A)=3TNV88-BDVG
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129129-77010	STARTER ASSY	1							
2	2	X0283060061	ROLLER	5							
3	2	129129-77460	SCREW	2							
4	2	X9490561370	NUT	1							
5	2	X9491200240	BALL, STEEL	1							
6	2	129129-77210	YOKE ASSY	1							
7	2	129129-77220	ARMATURE ASSY	1							
8	3	129129-77230	BEARING, BALL	1							
9	3	129129-77240	BEARING, BALL	1							
10	2	129129-77250	STARTER ASSY	1							
11	3	X0280210230	NUT	1							
12	3	X0283270140	RETAINER	1							
13	3	X9491703371	SPRING	1							
14	3	129129-77390	CLUTCH ASSY	1							
17	3	129129-77400	SHAFT, STATER	1							
18	3	129129-77410	SPRING	1							
19	3	129129-77420	PINION, STARTER	1							
20	3	129129-77430	RING, SNAP	1							
21	2	129129-77260	RETAINER	1							
22	2	129129-77270	PINION	1							
23	2	129129-77280	HOUSING, STARTOR	1							
24	2	129129-77290	COVER	1							
25	2	129129-77300	HOLDER ASSY	1							
26	3	X9491730461	SPRING	4							
27	2	129129-77310	SWITCH ASSY, MAGNET	1							
28	2	129129-77320	BOLT	2							
29	2	129129-77330	BOLT	2							
30	2	129129-77340	SPRING	1							
31	2	129129-77350	O-RING	2							
32	2	129129-77362	COVER	1							
34	2	129129-77380	CAP	1							
35	1	26106-120252	BOLT, M12X 25 PLATED	2							

Fig.16. GENERATOR

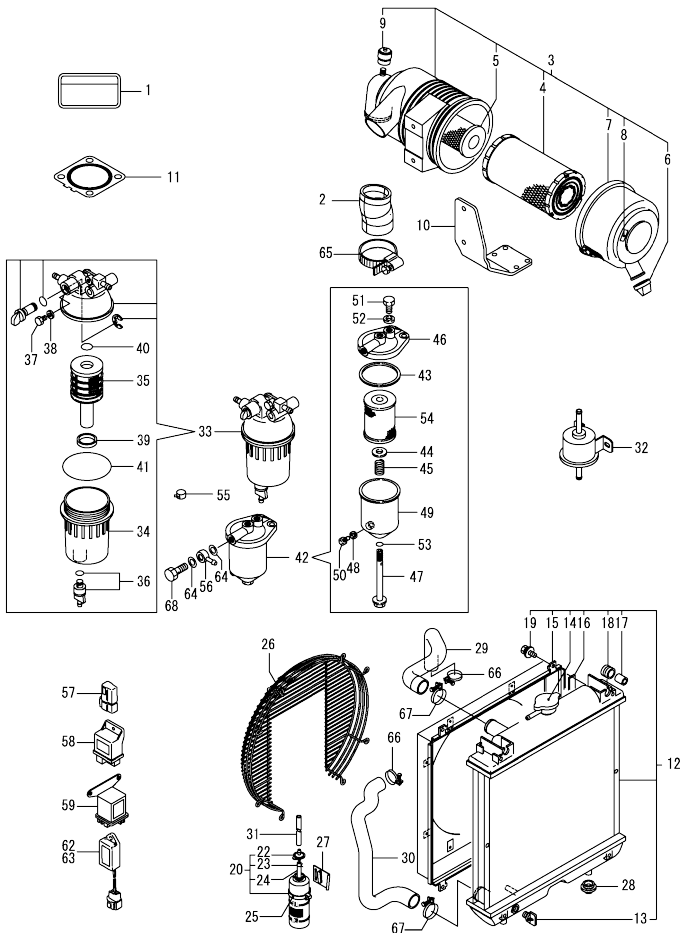


(A)=3TNV88-BDVG
(B)=
(C)=

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

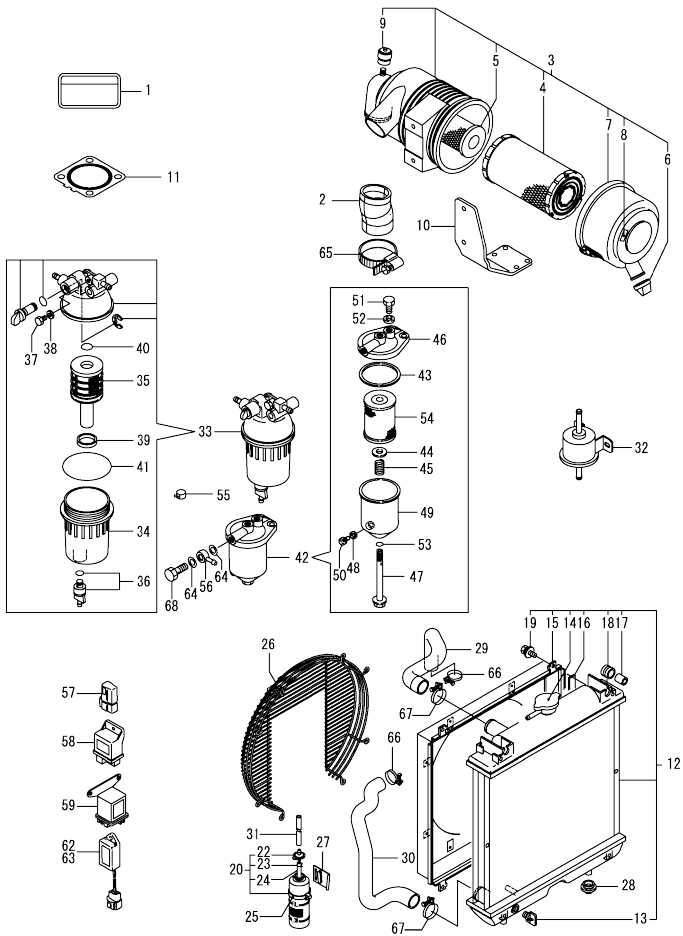
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129795-01900	BOLT, STUD M10X33	1							
2	1	119626-77210	ALTERNATOR, 12V-55A	1							
3	2	X9490561001	NUT	1							
4	2	129052-77380	ROTOR ASSY	1							
5	3	123501-79240	BEARING, BALL	1							
6	3	119620-79250	COVER, BEARING	1							
7	2	129052-77422	FRAME ASSY	1							
8	3	119620-79200	BEARING, BALL	1							
9	3	119620-79210	RETAINER	1							
10	3	119620-79220	SCREW	4							
11	3	119620-79230	BOLT, STUD	2							
12	2	128401-77440	FRAME	1							
13	2	119626-77450	COVER	1							
14	2	119620-77461	PULLEY, GENERATOR	1							
15	2	119620-77471	NUT	1							
16	2	119620-77490	COLLAR	1							
17	2	129423-77710	REGULATOR ASSY	1							
18	2	129052-79260	HOLDER	1							
19	2	129052-79270	HOLDER, BRUSH	1							
20	2	119620-79290	SCREW	6							
21	2	119620-79300	SCREW	1							
22	2	119620-79310	BOLT	3							
23	2	119620-79320	SCREW	2							
24	2	119620-79330	BOLT	2							
25	2	119620-79340	BUSH, INSULATION	1							
26	2	119620-79350	NUT	2							
27	1	26306-100002	NUT, M10	1							
28	1	119940-77270	SPACER	1							
29	1	119940-77330	ADJUSTER, BELT	1							
30	1	129972-77341	BOLT, ADJUST L=50	1							
31	1	26106-080452	BOLT, M8X 45 PLATED	1							

Fig.17. ACCESSORY



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	114110-07761	LABEL, FUEL OIL CAUT	1							
2	1	119910-12210	HOSE, AIR INTAKE	1							
3	1	119802-12530	CLEANER ASSY, AIR	1							
4	2	119808-12520	ELEMENT, OUTER	1							
5	2	129051-12530	ELEMENT, INNER	1							
6	2	119808-12540	VALVE, UNLOAD	1							
7	2	119866-12541	COVER ASSY	1							
8	2	129612-12650	LABEL, MARKING	1							
9	2	126650-12680	INDICATOR	1							
10	1	119802-12560	BRACKET, CLEANER	1							
11	1	129004-13200	GASKET, SILENCER	1							
12	1	129044-44500	RADIATOR ASSY	1							
13	2	129508-44550	COCK ASSY	1							
14	2	129107-44590	CAP, RADIATOR	1							
15	2	129044-44600	SHROUD	1							
16	2	129601-44610	GASKET	2							
17	2	118400-44670	COLLAR	2							
18	2	118400-44720	MOUNT, RUBBER	2							
19	2	26014-060122	BOLT, M6X 12	4							
20	1	124450-44510	TANK ASSY, SUB	1							
22	2	124450-44530	CAP, SUB-TANK	1							
23	2	124450-44560	CLAMP, HOSE	1							
24	2	23061-070230	PIPE, 7X 230	1							
25	1	124450-44550	BAND, SUB-TANK	1							
26	1	129601-44560	GUARD, FAN	1							
27	1	121256-44600	BRACKET, SUB TANK	1							
28	1	119255-44660	RUBBER, RADIATOR	2							
29	1	129602-49010	HOSE, WATER	1							
30	1	129612-49040	HOSE, WATER	1							
31	1	170004-49160	PIPE ASSY, DRAIN	1							
32	1	119225-52102	PUMP, FUEL FEED	1							
33	1	129242-55701	SEPARATOR ASSY, WATER	1							
34	2	129242-55720	CUP, SEPARATOR	1							
35	2	129242-55730	ELEMENT, FUEL	1							
36	2	129242-55740	PLUG, DRAIN	1							
37	2	129242-55750	VALVE, AIR VENT	1							
38	2	129242-55760	GASKET, PLUG	1							
39	2	129242-55770	FLOAT	1							
40	2	24311-000160	O-RING, 1AP16.0	1							
41	2	24321-000750	O-RING, 1AG75.0	1							
42	1	129065-55750	SEPARATOR ASSY, WATER	1							
43	2	123325-35140	GASKET	1							
44	2	123325-35160	WASHER	1							
45	2	129065-55170	SPRING, FILTER	1							
46	2	129495-55610	BODY, STRAINER	1							
47	2	129495-55620	BOLT	1							
48	2	123672-55760	GASKET	1							
49	2	129065-55760	CASE, SEPARATOR	1							
50	2	129065-55770	PLUG, DRAIN M8	1							
51	2	129065-55800	PLUG, M14	1							
52	2	123678-55890	GASKET, PLUG	1							

OCD50-M02940 ENGINE
Fig.17. ACCESSORY



OCD50-M02940 Fig.17

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
53	2	24311-000120	O-RING, 1AP12.0	1							
54	2	41650-550800	ELEMENT,FUEL OIL	1							
55	1	124766-59050	CLAMP, HOSE 11.5	2							
56	1	121855-59880	JOINT, PIPE	2							
57	1	119643-66900	DIODE	1							
58	1	119802-77200	RELAY, SAFETY	1							
59	1	119650-77911	RELAY ASSY, GLOW	2							
62	1	128300-77920	TIMER	1							
63	1	129211-77920	TIMER	1							
64	1	22190-140002	WASHER, SEAL 14	4							
65	1	23000-060000	CLAMP, 60	2							
66	1	23010-038000	CLAMP, 38	2							
67	1	23010-044000	CLAMP, 44	2							
68	1	23857-080000	BOLT, JOINT 8	2							

N:Old $\frac{N_{Old}}{100}$ New, Q:Old $\frac{Q_{Old}}{100}$ New, R:Old $\frac{R_{Old}}{100}$ New, S:Old $\frac{S_{Old}}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
Copyright (C) 2017 YANMAR CO., LTD. All Rights Reserved.

Parts No. Index

Parts No.	Fig. No.	Ref. No.
105025-59750	14	9
114110-07761	17	1
114250-39450	9	26
114250-53080	13	2
114250-53120	13	8
114250-53130	13	9
114250-53140	13	10
114250-53210	13	11
118400-44670	17	17
118400-44720	17	18
119005-35170	9	37
119131-18320	6	5
119225-52102	17	32
119255-44660	17	28
119593-59581	13	66
119609-32040	2	9
119620-01750	3	3
119620-77461	16	14
119620-77471	16	15
119620-77490	16	16
119620-79200	16	8
119620-79210	16	9
119620-79220	16	10
119620-79230	16	11
119620-79250	16	6
119620-79290	16	20
119620-79300	16	21
119620-79310	16	22
119620-79320	16	23
119620-79330	16	24
119620-79340	16	25
119620-79350	16	26
119625-11880	4	29
119626-77210	16	2
119626-77450	16	13
119640-01640	3	8
119643-66900	17	57
119650-77911	17	59
119653-77950	12	125
119660-61901	12	63
119773-91501	9	36
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
119802-11280	4	6
119802-11870	4	28

Parts No.	Fig. No.	Ref. No.
119802-12530	17	3
119802-12560	17	10
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	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
119802-59550	13	60
119802-59560	13	62
119802-77200	17	58
119803-01520	2	4
119803-21200	8	4
119803-25050	7	9
119803-53400	13	15
119803-77520	5	8
119807-61420	12	26
119808-12520	17	4
119808-12540	17	6
119866-12541	17	7
119910-12210	17	2
119934-01800	2	3
119934-59910	11	130
119940-55690	14	2
119940-77270	16	28
119940-77330	16	29
120130-11860	4	55
120270-54410	4	31
121023-01551	2	19
121111-21501	8	11
121250-44901	10	34
121256-44600	17	27
121267-44760	10	26
121400-11340	4	24
121520-34810	9	16
121550-23200	8	29
121750-59890	14	14
121850-21680	8	10
121850-51960	2	10
121855-59880	17	56
123325-35140	17	43
123325-35160	17	44

Parts No.	Fig. No.	Ref. No.
123501-79240	16	5
123672-55760	17	48
123678-55890	17	52
123900-13610	6	3
124060-01050	1	4
124060-77680	13	67
124160-01751	2	6
	4	36
124160-01910	1	6
		7
124160-11360	4	48
124160-39140	9	27
124240-01871	2	7
124250-49351	10	36
124395-49840	10	17
124450-44510	17	20
124450-44530	17	22
124450-44550	17	25
124450-44560	17	23
124460-11340	4	25
124465-44950	10	35
124550-21600	8	14
124722-59050	10	41
		44
	13	61
		64
124766-59050	14	7
		11
	17	55
126650-12680	17	9
128300-77920	17	62
128401-77440	16	12
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
129004-13109	6	1
129004-13200	17	11
129004-21650	8	8
129004-34802	9	15

Parts No.	Fig. No.	Ref. No.
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
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
129008-11710	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
129030-44740	10	25
129044-44500	17	12
129044-44600	17	15
129051-12530	17	5
129052-77380	16	4
129052-77422	16	7
129052-79260	16	18
129052-79270	16	19
129065-55170	17	45
129065-55750	17	42
129065-55760	17	49
129065-55770	17	50
129065-55800	17	51
129100-01580	3	1
		15
	8	2
129100-01730	3	6
129100-01760	3	7
129100-11112	4	21
129100-23910	8	32
129100-35140	9	22
129100-35301	9	18
129100-42051	10	3
129100-42121	10	4
129107-44590	17	14
129129-14580	7	3
129129-77010	15	1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
129129-77210	15	6
129129-77220	15	7
129129-77230	15	8
129129-77240	15	9
129129-77250	15	10
129129-77260	15	21
129129-77270	15	22
129129-77280	15	23
129129-77290	15	24
129129-77300	15	25
129129-77310	15	27
129129-77320	15	28
129129-77330	15	29
129129-77340	15	30
129129-77350	15	31
129129-77362	15	32
129129-77380	15	34
129129-77390	15	14
129129-77400	15	17
129129-77410	15	18
129129-77420	15	19
129129-77430	15	20
129129-77460	15	3
129136-59110	14	12
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
129150-14200	7	1
129150-14400	7	2
129150-23601	8	30
129150-23611	8	33
129150-25301	7	14
129150-32020	9	13
129150-35042	9	17
129150-35111	9	23
129150-49360	10	37
129150-49811	10	29
129150-59120	13	42
129150-59131	13	45

Parts No.	Fig. No.	Ref. No.
129150-77511	5	7
129155-49801	10	28
129155-51280	12	6
129155-61461	12	28
129202-22300	8	23
129211-77920	17	63
129242-55701	17	33
129242-55720	17	34
129242-55730	17	35
129242-55740	17	36
129242-55750	17	37
129242-55760	17	38
129242-55770	17	39
129255-61410	12	25
129350-49530	10	30
129403-42380	10	23
129410-03990	5	2
129423-77710	16	17
129457-59010	14	6
129486-01670	3	19
129486-42021	10	14
129486-42140	10	16
129486-59551	13	63
129495-55610	17	46
129495-55620	17	47
129508-44550	17	13
129601-44560	17	26
129601-44610	17	16
129602-49010	17	29
129604-53300	13	12
129612-12650	17	8
129612-42330	10	24
129612-49040	17	30
129648-01600	3	16
129648-01780	3	18
129795-01900	16	1
129795-01950	2	8
129795-02412	1	12
129795-11120	4	22
129795-11180	4	23
129795-21661	8	9
129795-49551	10	31
129900-07900	4	51
129907-55810	14	3
129916-49740	10	10
129957-59120	14	8
129961-59110	14	13
129961-59310	14	10
129972-77341	16	30
129E00-13640	6	4

Parts No.	Fig. No.	Ref. No.
158552-51151	7	17
158552-51571	11	63
		64
158552-51580	11	67
158552-51600	11	77
158552-51670	11	6
158552-51781	11	103
158552-52100	11	128
158552-52311	11	112
158552-52400	11	113
158552-52500	11	129
158552-61061	12	93
158552-61441	12	27
158552-61900	12	84
158553-51551	11	4
158553-51630	11	78
158553-51650	11	80
158553-51660	11	81
158553-51670	11	72
158553-51680	11	82
158553-51770	11	109
158553-51930	11	106
	12	7
158553-61050	12	3
158553-61070	12	4
158557-51570	11	65
158563-51281	11	42
		43
158563-51330	11	53
158600-51270	11	41
158601-51550	11	61
158601-51570	11	66
158601-51650	11	5
158601-51770	11	102
158601-51790	11	104
170004-49160	17	31
171051-01921	1	8
171056-49120	10	33
171340-21590	8	12
171375-39601	9	35
171420-01600	3	2
22190-080002	2	11
	9	30
		32
22190-100002	9	33
22190-120002	11	107
		114
		131
	12	67
22190-140002	17	64

Parts No.	Fig. No.	Ref. No.
22190-180002	11	108
		115
22190-220002	3	10
22217-140000	11	116
22252-000260	8	24
22312-050140	11	117
22351-030010	8	7
22351-050010	11	118
22351-060012	4	32
22512-070140	7	7
	8	5
22857-500100	4	46
		47
23000-060000	17	65
23010-038000	17	66
23010-044000	17	67
23061-070230	17	24
23414-080000	10	18
23857-030000	9	31
23857-080000	17	68
23875-020000	10	11
23876-010000	10	12
24311-000070	11	120
24311-000120	4	49
	17	53
24311-000160	17	40
24311-000320	2	12
	4	50
24321-000750	17	41
24341-000240	2	20
24356-190180	11	121
24356-190200	11	75
		122
24372-000150	11	76
26014-060122	17	19
26106-060102	11	123
	12	70
26106-060142	12	90
		91
26106-060162	2	21
26106-060202	12	92
26106-060302	10	27
26106-080122	10	19
26106-080142	7	8
26106-080162	2	13
		14
	3	11
	4	52
	10	20
	11	134

Parts No. Index

Parts No.	Fig. No.	Ref. No.
26106-080202	5	5
		9
	9	25
	11	135
26106-080222	10	32
26106-080252	3	12
	4	33
	14	4
26106-080302	2	15
	14	5
26106-080352	3	20
	4	34
	9	19
26106-080402	7	13
26106-080452	3	13
	10	21
	16	31
26106-080502	3	14
	4	35
26106-080552	2	16
26106-080602	10	22
26106-080802	5	6
		10
26106-080852	2	17
26106-120252	15	35
26206-100252	3	4
26206-100302	3	5
26306-080002	2	18
	6	6
26306-100002	16	27
26366-060002	9	34
26450-060252	9	14
26450-080452	11	125
26577-060142	10	13
26756-060002	12	71
26776-140002	11	126
27241-120000	1	13
27241-300000	1	14
27241-400000	4	19
27310-080001	4	26
41650-550800	17	54
719803-01500	2	1
729005-01560	1	1
729285-51400	11	1
729402-23100	8	25
729604-53400	13	1
X0280210230	15	11
X0283060061	15	2
X0283270140	15	12
X9490561001	16	3

Parts No.	Fig. No.	Ref. No.
X9490561370	15	4
X9491200240	15	5
X9491703371	15	13
X9491730461	15	26

Parts No.	Fig. No.	Ref. No.