

0CW10-M81502EN

P R E F A C E

This parts catalog is the 2nd edition of 3TNM72-BKTP, 3TNM72-BKTP2 for DENYO Co., Ltd..

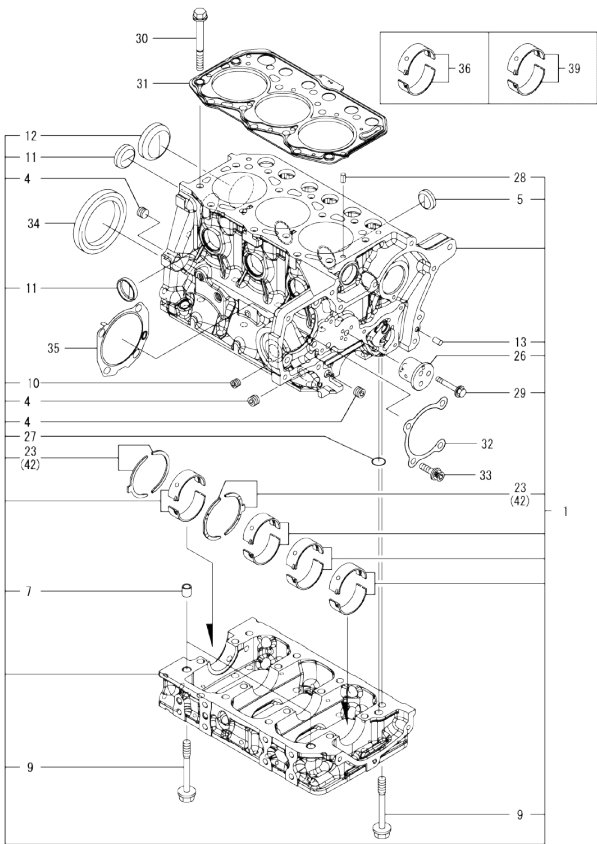
Published : June, 2020

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Fig.1. CYLINDER BLOCK



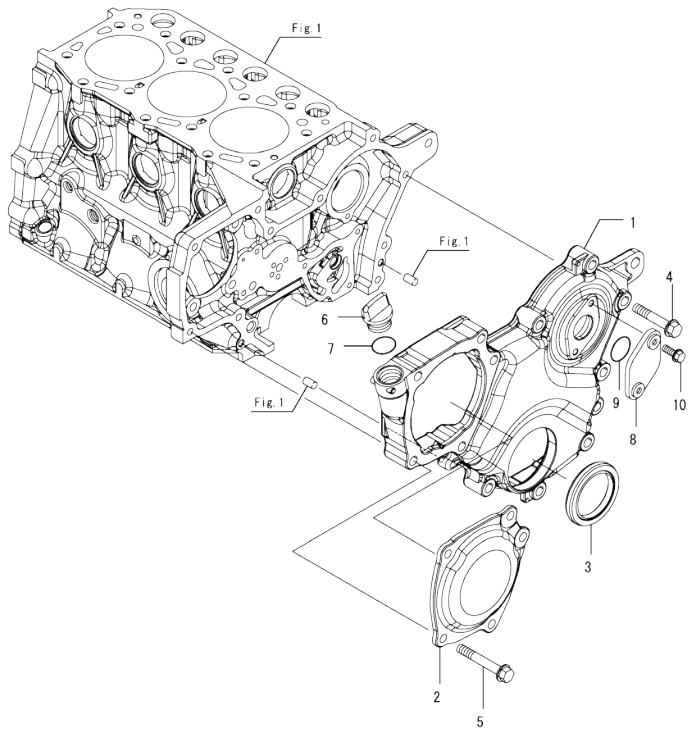
Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

(A)=3TNM72-BKTP
(B)=3TNM72-BKTP2
(C)=

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

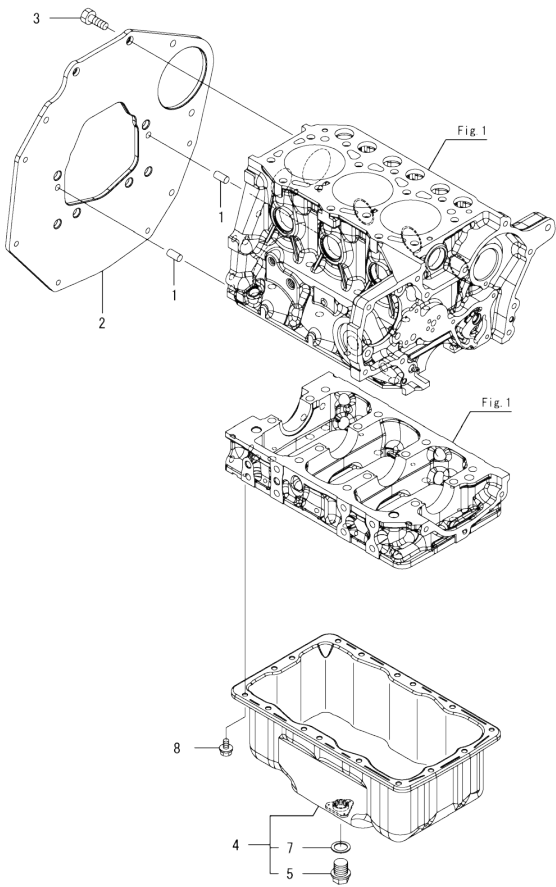
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119027-01560	BLOCK ASSY, CYLINDER	1	1						
4	2	124060-01050	PLUG, PT1/8	3	3						
5	2	119125-01970	PLUG, 25	3	3						
7	2	119125-01960	PIPE, KNOCK L=12	2	2						
9	2	119125-02061	BOLT, METAL CAP	16	16						
10	2	23876-005000	PLUG, R005	1	1						
11	2	27241-300000	PLUG(30	4	4						
12	2	27241-450000	PLUG, 45	1	1						
13	2	119620-01620	PIN, PARALLEL M6X10	2	2						
23	2	119125-02930	METAL ASSY, THRUST	2	2						
26	2	119125-25050	SHAFT, IDLE GEAR	1	1						
27	2	129900-32040	O-RING, P14	1	1						
28	2	22351-060012	PIN, SPRING 6.0X12	2	2						
29	2	26106-060402	BOLT, M6X 40 PLATED	3	3						
30	1	119515-01200	BOLT, CYLINDER HEAD	14	14						
31	1	119025-01332	GASKET, HEAD	1	1						
32	1	119125-01790	GASKET, PUMP	1	1						
33	1	119125-01800	BOLT, FLANGE M8X25	4	4						
34	1	119734-02220	SEAL, OIL WHEEL SIDE	1	1						
35	1	119125-51800	GASKET, FUEL PUMP	1	1						
36	1	119125-02900	METAL ASSY, MAIN	4	4						1
39	1	119125-02910	METAL ASSY, MAIN .25	4	4						2
42	1	119125-02940	METAL ASSY, 0.25 OS	2	2						3

Fig.2. GEAR HOUSING



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119025-01530	CASE, GEAR	1	1						
2	1	119125-01750	COVER, PUMP	1	1						
3	1	119717-01800	SEAL, OIL	1	1						
4	1	26106-080352	BOLT, M8X 35 PLATED	8	8						
5	1	26106-080452	BOLT, M8X 45 PLATED	5	5						
6	1	106760-01770	CAP, OIL SUPPLY	1	1						
7	1	24311-000180	O-RING, 1AP18.0	1	1						
7-1	1	119125-01590	O-RING, C 0190 G	1	1						N
		(A=EZ31335) (B=EZ31335)									
8	1	121023-01551	COVER, TACHOMETER	1	1						
9	1	24341-000240	O-RING, 1AS24.0	1	1						
10	1	26106-060162	BOLT, M6X 16 PLATED	2	2						

Fig.3. MOUNTING FLANGE & OIL SUMP

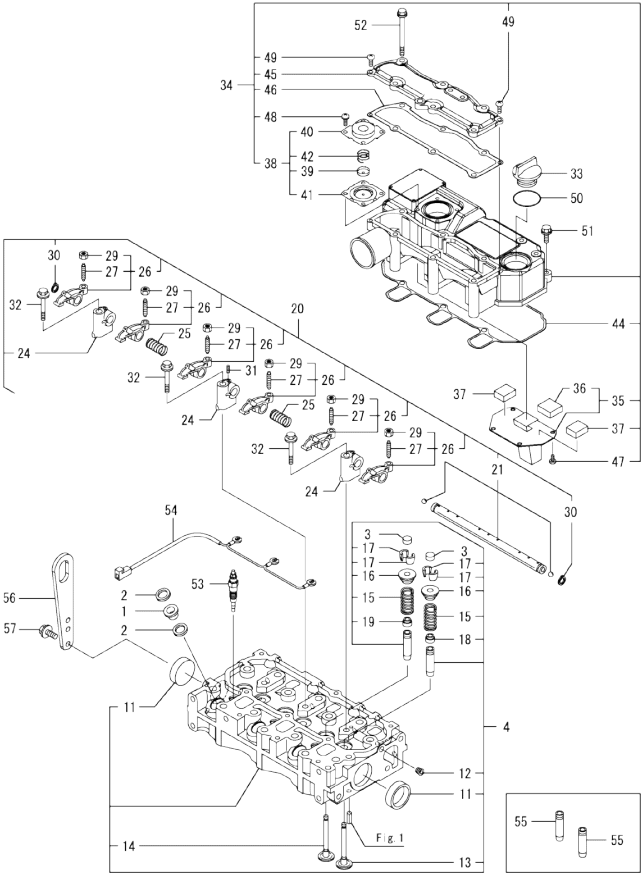


(A)=3TNM72-BKTP
(B)=3TNM72-BKTP2
(C)=

(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						
2	1	119127-01600	FLANGE, MOUNTING	1	1						
3	1	26206-100202	BOLT, M10X 20 PLATED	8	8						
4	1	119034-01770	OIL PAN ASSY	1	1						
5	2	105425-01690	PLUG, DRAIN M16	1	1						
7	2	22190-160002	WASHER, SEAL 16	1	1						
8	1	119125-01780	BOLT, TORX M6X10	16	16						

Fig.4. CYLINDER HEAD & BONNET



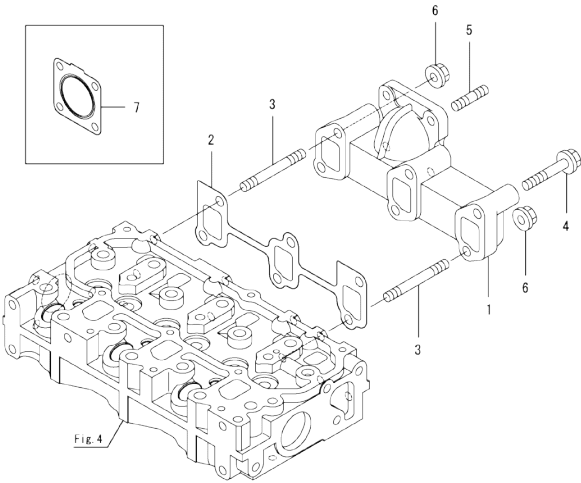
Remarks
(1)Spare parts.

(A)=3TNM72-BKTP
(B)=3TNM72-BKTP2
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129901-11450	PROTECTOR, NOZZLE	3	3						
2	1	119600-11460	GASKET, NOZZLE	6	6						
3	1	105010-11490	CAP, VALVE	6	6						
4	1	119517-11740	HEAD ASSY, CYLINDER	1	1						
11	2	119285-11990	PLUG, 35	2	2						
12	2	23876-005000	PLUG, R005	1	1						
13	2	119515-11101	VALVE, INTAKE	3	3						
14	2	119515-11110	VALVE, EXHAUST	3	3						
15	2	119717-11131	SPRING, VALVE	6	6						
16	2	129508-11180	RETAINER, SPRING	6	6						
17	2	119717-11190	COTTER, VALVE	12	12						
18	2	119717-11340	SEAL, VALVE STEM	3	3						
19	2	119717-11350	SEAL, VALVE STEM	3	3						
20	1	119515-11200	SUPPORT ASSY, ROCKER	1	1						
21	2	119515-11240	SHAFT ASSY, ARM	1	1						
24	2	119717-11260	SUPPORT, ROCKER ARM	3	3						
25	2	119515-11280	SPRING, SHAFT	2	2						
26	2	119717-11650	ARM ASSY, ROCKER INT	6	6						
27	3	129150-11230	SCREW, VALVE ADJUST	6	6						
29	3	129150-11750	NUT, M8XP1.0	6	6						
30	2	22242-000120	RING, 12	2	2						
31	2	26979-050162	SCREW, M5X16	1	1						
32	1	26106-080402	BOLT, M8X 40 PLATED	3	3						
33	1	124160-01751	CAP, FILLER	1	1						
34	1	119515-11380	BONNET ASSY, HEAD	1	1						
35	2	119717-03031	PLATE, BAFFLE	1	1						
36	3	119717-03070	BAFFLE, BREATHER	1	1						
37	2	119717-03070	BAFFLE, BREATHER	2	2						
38	2	119802-03100	DIAPHRAGM ASSY	1	1						
39	3	119802-03110	PLATE, DIAPHRAGM	1	1						
40	3	119802-03121	COVER, DIAPHRAGM	1	1						
41	3	119802-03131	DIAPHRAGM, BREATHER	1	1						
42	3	119802-03141	SPRING, DIAPHRAGM	1	1						
44	2	119515-11310	GASKET, BONNET	1	1						
45	2	119515-11320	COVER, BONNET	1	1						
46	2	119515-11330	GASKET, BONNET COVER	1	1						
47	2	22857-500100	SCREW, 5X10	4	4						
48	2	22857-500100	SCREW, 5X10	4	4						
49	2	22857-500160	SCREW, 5X16	2	2						
50	1	24311-000320	O-RING, 1AP32.0	1	1						
51	1	26106-060202	BOLT, M6X 20 PLATED	3	3						
52	1	26106-060752	BOLT, M6X 75 PLATED	6	6						
53	1	119125-77800	PLUG, GLOW	3	3						
54	1	119125-77820	CONNECTOR, GLOW PLUG	1	1						
55	1	119515-11800	GUIDE, VALVE	6	6						1
56	1	129900-07900	LIFTER, ENGINE	1							Z
(B=EZ27165)											
57	1	26106-080162	BOLT, M8X 16 PLATED	2							Z
(B=EZ27165)											

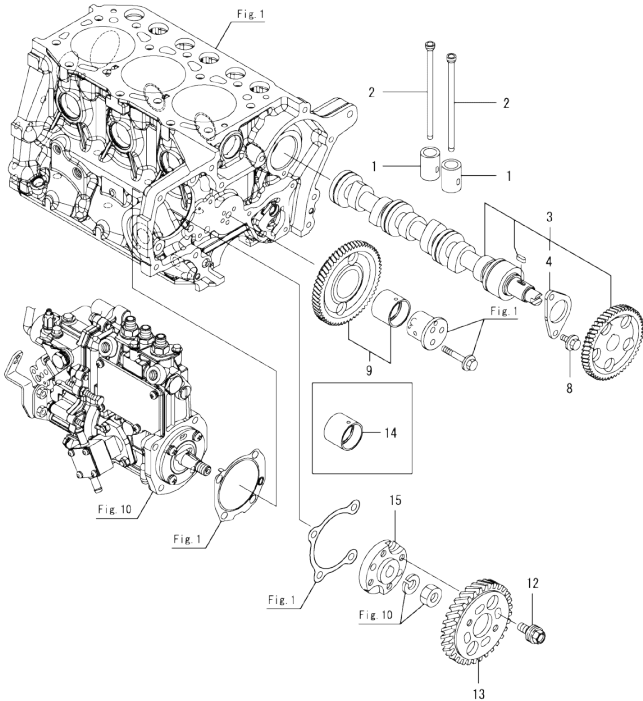
Fig.5. EXHAUST MANIFOLD



Remarks
(1)Loose parts.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119718-13100	MANIFOLD, EXHAUST	1	1						
2	1	119717-13110	GASKET, MANIFOLD	1	1						
3	1	119717-13600	STUD, M8X50	2	2						
4	1	119802-13620	BOLT, M8X50	4							
4-1	1	129E00-13610	BOLT, M8X50 10.9	4	4					N	
(A=E049482)											
5	1	119131-18320	STUD, M8X22	4	4						
6	1	26306-080002	NUT, M8	2	2						
7	1	119515-13200	GASKET, SILENCER	1	1						1

Fig.6. CAMSHAFT & DRIVING GEAR



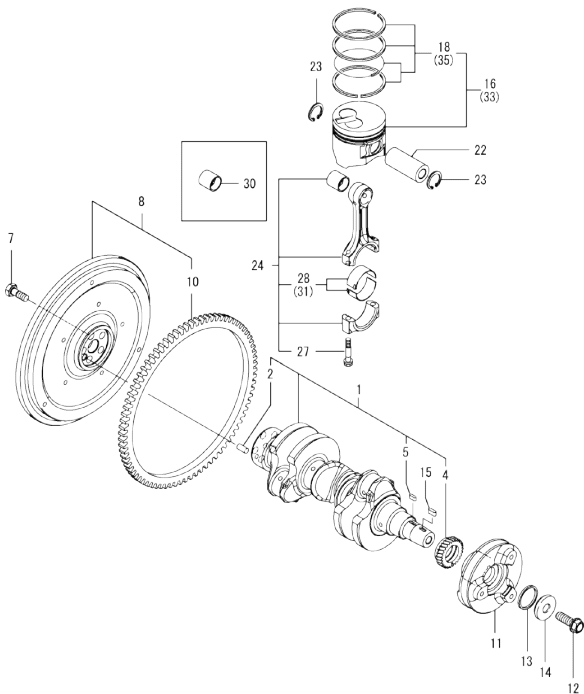
(A)=3TNM72-BKTP
(B)=3TNM72-BKTP2
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119620-14200	TAPPET	6	6						
2	1	119515-14400	ROD, PUSH	6	6						
3	1	119025-14580	CAMSHAFT ASSY	1	1						
4	2	119620-02450	METAL, CAMSHAFT	1	1						
8	1	26106-060122	BOLT, M6X 12 PLATED	2	2						
9	1	119025-25100	GEAR ASSY, IDLE	1	1						
12	1	129150-25301	BOLT, INJECTION PUMP	4	4						
13	1	119125-25930	GEAR, PUMP	1	1						
14	1	119125-25910	BUSH, IDLE GEAR	1	1						1
15	1	119717-51150	FLANGE, CAMSHAFT	1	1						

Remarks
(1)Spare parts.

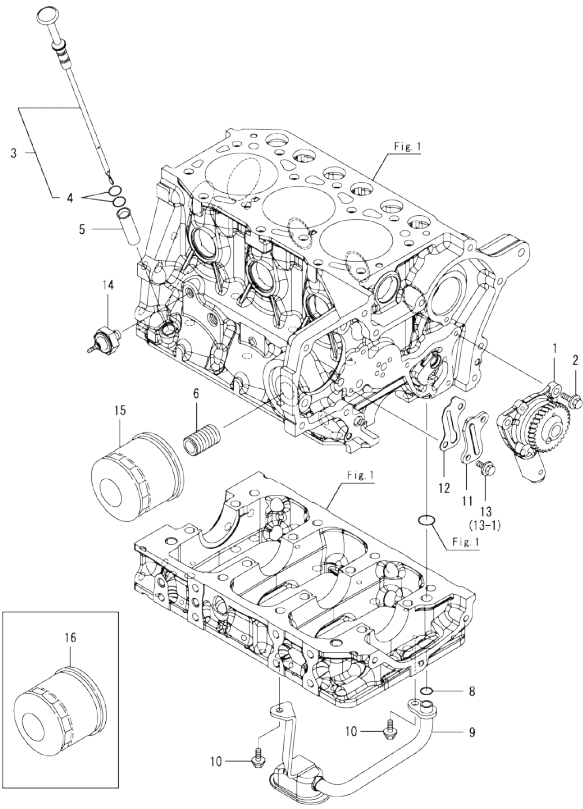
0CW10-M81502 ENGINE
Fig.7. CRANKSHAFT & PISTON



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

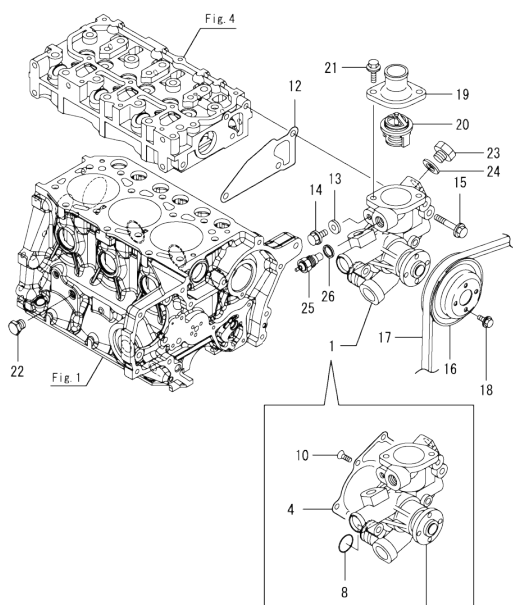
										0CW10-M81502 Fig.7	
										(A)=3TNM72-BKTP (B)=3TNM72-BKTP2 (C)=	
										(D)= (E)= (F)=	
										Q'ty	
										(C) (D) (E) (F)	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119025-21700	CRANKSHAFT ASSY	1	1						
2	2	129100-01580	PIN, PARALLEL 8X16	1	1						
4	2	119125-21200	GEAR, CRANKSHAFT	1	1						
5	2	22512-040120	KEY, 4X 12	1	1						
7	1	119620-21500	BOLT, FLYWHEEL	5	5						
8	1	119127-21590	FLYWHEEL ASSY	1	1						
10	2	124060-21600	GEAR, RING Z=105	1	1						
11	1	119125-21660	V-PULLEY, CRANKSHAFT	1	1						
12	1	119621-21681	BOLT, FLANGE 12X1.25	1	1						
13	1	119C10-21930	GASKET, WASHER	1	1						
13-1	1	119C10-21931	PACKING, WASHER	1	1					N	
(A=EZZ27165) (B=EZZ27165)											
14	1	119C10-21940	WASHER, V-PULLEY	1	1						
15	1	22512-050120	KEY, 5X 12	1	1						
16	1	119517-22090	PISTON ASSY	3	3						
18	2	119517-22500	RING SET, PISTON	3	3						
22	1	119515-22300	PIN, PISTON	3	3						
23	1	22252-000220	RING, 22	6	6						
24	1	119515-23000	ROD ASSY, CONNECTING	3	3						
24-1	1	119515-23001	ROD ASSY, CONNECTING	3	3					N	
(A=EZZ27165) (B=EZZ27165)											
27	2	119717-23200	BOLT, CONNECTING ROD	6	6						
28	2	119515-23601	METAL ASSY,CRANK PIN	3	3						
30	1	119717-23910	METAL, PISTON PIN	3	3						1
30-1	1	119717-23911	BUSH, PISTON PIN	3	3					N	1
(A=EZZ27165) (B=EZZ27165)											
31	1	119515-23611	METAL ASSY, PIN .25	3	3						2
33	1	119025-22900	PISTON ASSY	3	3						3
35	2	119609-22950	RING SET, PISTON .25	3	3						3

Fig.8. LUB. OIL SYSTEM

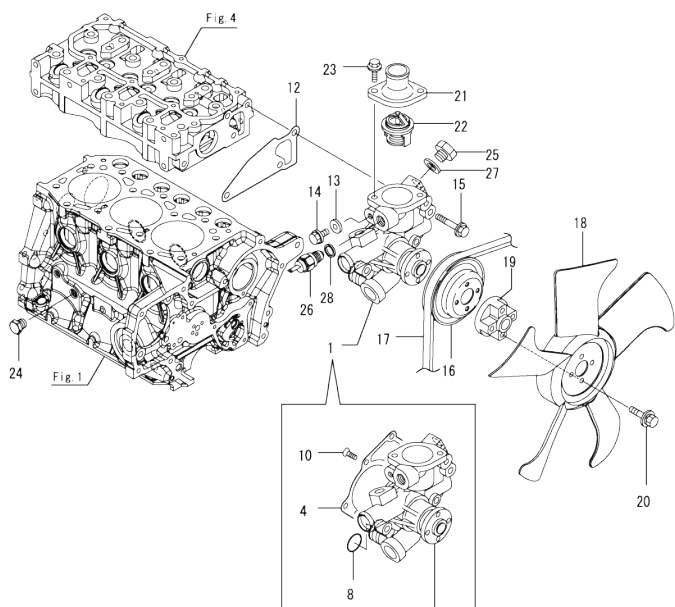


Remarks
(1)Spare parts.
(2)Loose parts.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119125-32000	PUMP ASSY, OIL	1	1						
2	1	26106-060142	BOLT, M6X 14 PLATED	3	3						
3	1	119025-34800	DIPSTICK, OIL	1	1						
4	2	119125-34900	O-RING	2	2						
5	1	119125-34810	GUIDE, DIPSTICK	1	1						
6	1	119717-35140	STUD	1	1						
8	1	119209-35030	O-RING, P11	1	1						
9	1	119025-35080	PIPE ASSY, OIL INLET	1	1						
10	1	26106-060102	BOLT, M6X 10 PLATED	2	2						
11	1	119125-39200	COVER, OIL	1	1						
12	1	119125-39220	GASKET, OIL PIPE	1	1						
13	1	26106-060102	BOLT, M6X 10 PLATED	2							
13-1	1	26106-060122	BOLT, M6X 12 PLATED	2	2					S	
(A=E038531)											
14	1	114250-39450	SWITCH, HYDRAULIC	1	1						
15	1	119305-35151	FILTER ASSY, D68XL65	1	1						1
16	1	119305-35151	FILTER ASSY, D68XL65	1	1						2

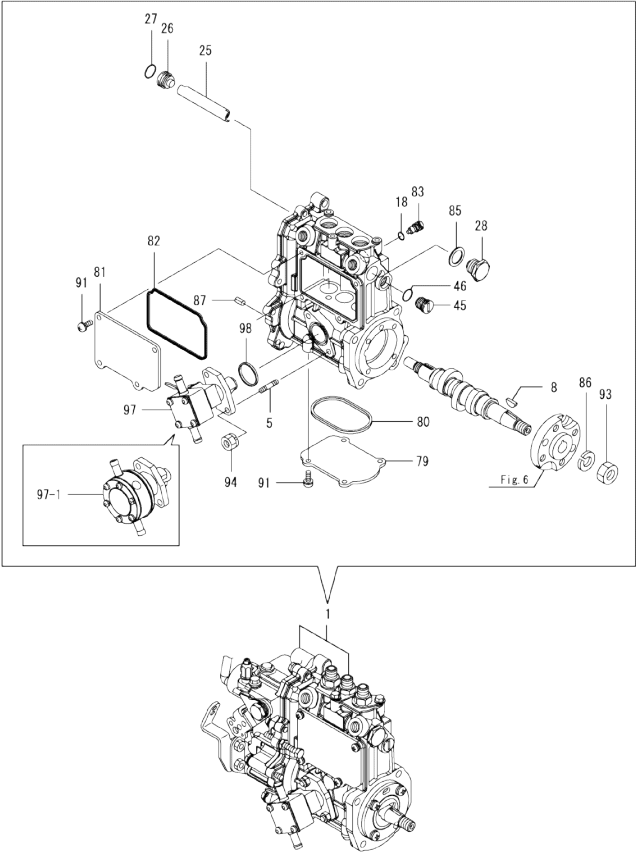


				(A)=3TNM72-BKTP (B)=3TNM72-BKTP2 (C)=	(D)= (E)= (F)=					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I R
1	1	119025-42000	PUMP ASSY, WATER	1						
1-1		119025-42001	PUMP ASSY, CW	1						N
(A=EZZ27165)										
4	2	119025-42030	GASKET, WATER PUMP	1						
8	2	119685-42281	O-RING	1						
10	2	26577-060122	SCREW, M6X12	5						
12	1	119515-42020	GASKET, WATER PUMP	1						
13	1	23414-080000	GASKET, 8X1.0	1						
14	1	26106-080122	BOLT, M8X 12 PLATED	1						
15	1	26106-080452	BOLT, M8X 45 PLATED	3						
16	1	119717-42350	V-PULLEY, PUMP D=100	1						
17	1	171001-42290	V-BELT, A35.5	1						
18	1	26106-060122	BOLT, M6X 12 PLATED	4						
19	1	129350-49530	COVER, THERMOSTAT	1						
20	1	119717-49800	THERMOSTAT, 71C	1						
21	1	26106-080202	BOLT, M8X 20 PLATED	2						
22	1	171056-49120	PLUG, DRAIN R1/4	1						
23	1	121450-42450	PLUG, M16	1						
24	1	124465-44950	GASKET, 16	1						
25	1	124250-49351	SENSOR, WATER TEMP.	1						
26	1	129150-49360	GASKET, 10	1						



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119025-42000	PUMP ASSY, WATER		1						
1-1	1	119025-42001	PUMP ASSY, CW		1						N
		(B=EZZ27165)									
4	2	119025-42030	GASKET, WATER PUMP		1						
8	2	119685-42281	O-RING		1						
10	2	26577-060122	SCREW, M6X12		5						
12	1	119515-42020	GASKET, WATER PUMP		1						
13	1	23414-080000	GASKET, 8X1.0		1						
14	1	26106-080122	BOLT, M8X 12 PLATED		1						
15	1	26106-080452	BOLT, M8X 45 PLATED		3						
16	1	119717-42350	V-PULLEY, PUMP D=100		1						
17	1	119740-42370	V-BELT, A35.5		1						
18	1	119258-44740	FAN, COOLING D=300		1						
19	1	121267-44760	SPACER, FAN 18MM		1						
20	1	26106-060302	BOLT, M6X 30 PLATED		4						
21	1	129350-49530	COVER, THERMOSTAT		1						
22	1	119717-49800	THERMOSTAT, 71C		1						
23	1	26106-080202	BOLT, M8X 20 PLATED		2						
24	1	171056-49120	PLUG, DRAIN R1/4		1						
25	1	121450-42450	PLUG, M16		1						
26	1	121250-44901	SWITCH, TEMPERATURE		1						
27	1	124465-44950	GASKET, 16		1						
28	1	124465-44950	GASKET, 16		1						

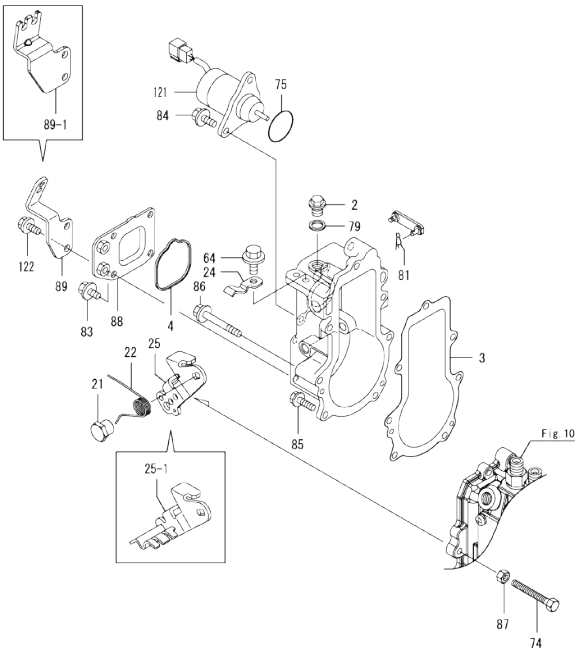
Fig.10. FUEL INJECTION PUMP



Remarks
(1)Governor(Fig.11) is incorporated in this Fuel Injection Pump(No.1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719027-51360	PUMP ASSY, INJECTION	1	1						1
1-1	1	719025-51350	FIE ASSY		1					N	1
(B=EZ27165)											
5	2	129155-51020	STUD		2	2					
8	2	122710-51090	KEY, FEATHER		1	1					
18	2	129155-51280	O-RING, S6		1	1					
25	2	129155-51400	PROTECTOR		1	1					
26	2	158600-51410	PLUG, DEFLIFTER M12		1	1					
27	2	119717-51420	O-RING		1	1					
28	2	158600-51420	PLUG, DEFLIFTER M16		1	1					
45	2	158600-51570	PLUG, RACK		1	1					
46	2	129155-51580	O-RING		1	1					
79	2	119125-51700	COVER, PUMP BOTTOM		1	1					
80	2	119717-51711	GASKET, PUMP		1	1					
81	2	119717-51750	COVER, BODY SIDE		1	1					
82	2	119717-51761	GASKET, PUMP COVER		1	1					
83	2	158600-51790	STOPPER, RACK		1	1					
85	2	22190-160002	WASHER, SEAL 16		1	1					
86	2	22217-120000	WASHER, SPRING 12		1	1					
87	2	22351-050010	PIN, SPRING 5.0X10		2	2					
91	2	26022-050122	SCREW, M5X12		8	8					
93	2	26716-120002	NUT, M12		1	1					
94	2	119717-51860	NUT, M6		2	2					
97	2	119125-52000	PUMP ASSY, FUEL FEED		1	1					
97-1	2	129100-52101	PUMP ASSY, FUEL FEED		1	1					R
(A=EZ35644) (B=EZ35644)											
98	2	129155-52051	GASKET, PUMP COVER		1	1					

0CW10-M81502 ENGINE
Fig.11. GOVERNOR

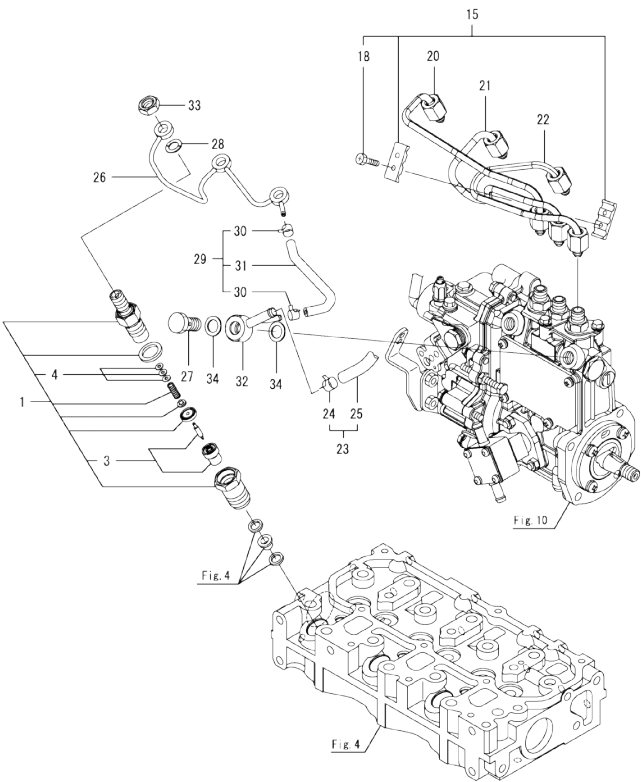


0CW10-M81502 Fig.11

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119717-51930	PLUG, M10	1	1						
3	2	119717-61050	GASKET, CASE	1	1						
4	2	119717-61070	GASKET, COVER	1	1						
21	2	129255-61410	NUT, CONTROL LEVER	1	1						
22	2	119534-61420	SPRING, LEVER	1	1						
24	2	119534-61430	RETAINER	1	1						
25	2	119515-61440	LEVER, CONTROL	1	1						
25-1	2	119527-61440	LEVER ASSY,REGULATOR		1					F	1
(B=EZZ27165)											
64	2	26106-060102	BOLT, M6X 10 PLATED	1	1						
74	2	129155-61460	BOLT, IDLE LIMIT	1							
74-1	2	129155-61461	BOLT, IDLE LIMIT	1	1					N	
(A=EZZ27165)											
75	2	158552-61900	O-RING	1	1						
79	2	22190-100002	WASHER, SEAL 10	1	1						
81	2	22372-040000	PIN, SNAP 4	1	1						
83	2	26106-060102	BOLT, M6X 10 PLATED	4	4						
84	2	26106-060142	BOLT, M6X 14 PLATED	2	2						
85	2	26106-060202	BOLT, M6X 20 PLATED	4	4						
86	2	26106-060452	BOLT, M6X 45 PLATED	3	3						
87	2	26756-060002	NUT, LOCK M6	1	1						
87-1	2	119740-61470	NUT	1	1					N	
(A=EZZ27165) (B=EZZ27165)											
88	2	119761-61060	COVER, GOVERNOR CASE	1	1						
89	2	119761-61080	SUPPORT, WIRE	1	1						
89-1	2	119734-61080	SUPPORT, WIRE		1					F	1
(B=EZZ27165)											
121	2	119653-77950	SOLENOID, STOP	1							
121-1	2	129630-77910	SOLENOID, STOP	1	1					N	
(A=EZ11946)											
122	2	26106-060102	BOLT, M6X 10 PLATED	2	2						

Remarks
* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.10).
(1)No.25 & 89 are interchangeable with a set of No.25-1 & 89-1.

Fig.12. FUEL INJECTION VALVE



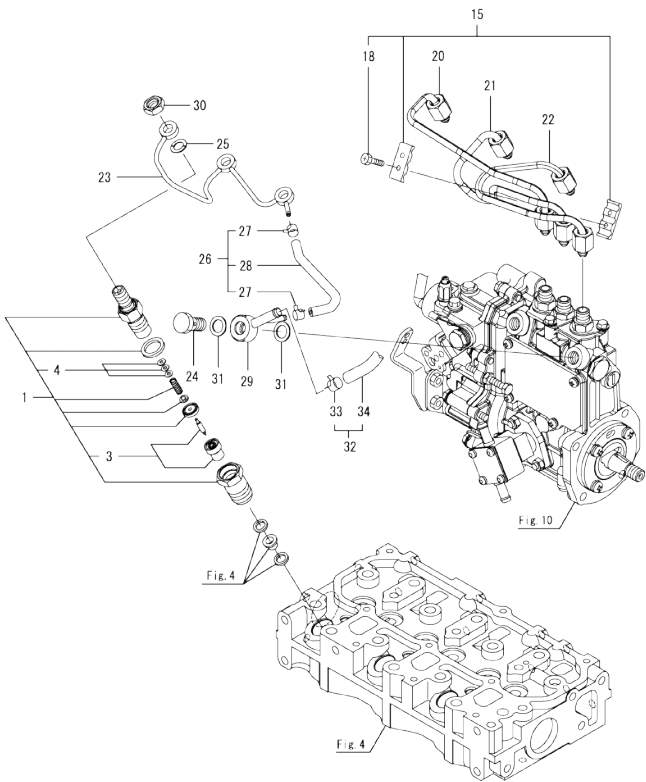
Remarks
(1)Spare parts.

(A)=3TNM72-BKTP
(B)=3TNM72-BKTP2
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-53001	VALVE ASSY,INJECTION	3							
3	2	119515-53010	VALVE ASSY,INJECTION	3							
4	2	129901-53800	SHIM SET, ADJUSTING	3							1
15	1	129150-59120	RETAINER, PIPE	1							
18	2	129150-59131	BOLT, M4X14	2							
20	1	119025-59810	PIPE, INJECTION NO.1	1							
21	1	119025-59820	PIPE, INJECTION NO.2	1							
22	1	119025-59830	PIPE, INJECTION NO.3	1							
23	1	129210-59140	HOSE ASSY, FUEL L380	1							
24	2	124766-59050	CLAMP, HOSE 11.5	2							
25	2	105230-59510	HOSE, FUEL	1							
26	1	119515-59540	PIPE ASSY, RETURN	1							
27	1	119125-59560	BOLT, PIPE JOINT	1							
28	1	129901-59560	GASKET, FUEL RETURN	3							
29	1	119125-59570	HOSE ASSY, RETURN	1							
30	2	124066-59100	CLAMP, HOSE 8	2							
31	2	119000-59550	HOSE, FUEL RETURN	1							
32	1	119840-59570	JOINT, OVERFLOW	1							
33	1	119620-59700	NUT, NOZZLE RETURN	3							
34	1	22190-120002	WASHER, SEAL 12	2							

Fig.18. FUEL INJECTION VALVE



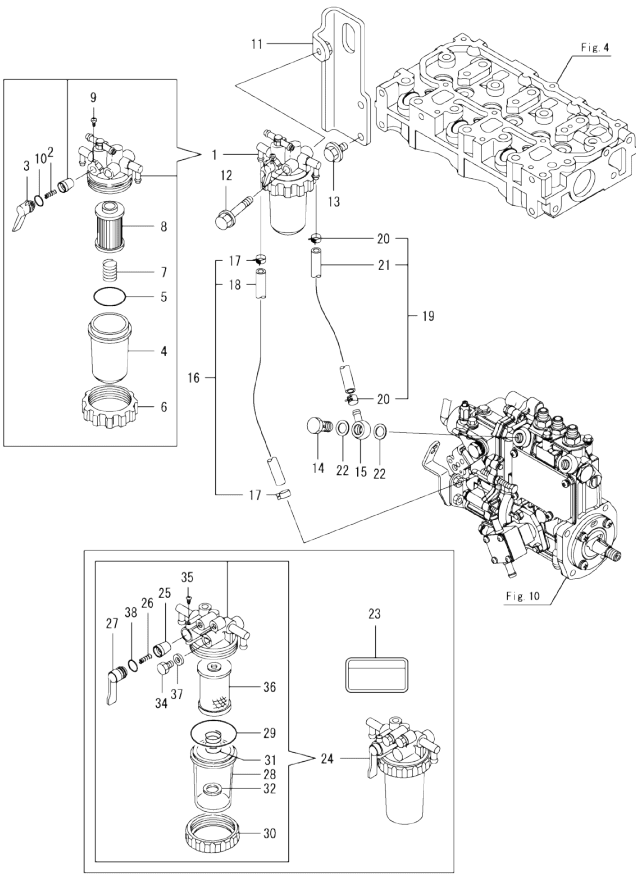
(A)=3TNM72-BKTP
(B)=3TNM72-BKTP2
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-53001	VALVE ASSY,INJECTION		3						
3	2	119515-53010	VALVE ASSY,INJECTION		3						
4	2	129901-53800	SHIM SET, ADJUSTING		3						1
15	1	129150-59120	RETAINER, PIPE		1						
18	2	129150-59131	BOLT, M4X14		2						
20	1	119025-59810	PIPE, INJECTION NO.1		1						
21	1	119025-59820	PIPE, INJECTION NO.2		1						
22	1	119025-59830	PIPE, INJECTION NO.3		1						
23	1	119515-59540	PIPE ASSY, RETURN		1						
24	1	119125-59560	BOLT, PIPE JOINT		1						
25	1	129901-59560	GASKET, FUEL RETURN		3						
26	1	119125-59570	HOSE ASSY, RETURN		1						
27	2	124066-59100	CLAMP, HOSE 8		2						
28	2	119000-59550	HOSE, FUEL RETURN		1						
29	1	119840-59570	JOINT, OVERFLOW		1						
30	1	119620-59700	NUT, NOZZLE RETURN		3						
31	1	22190-120002	WASHER, SEAL 12		2						
32	1	129210-59150	HOSE ASSY, FUEL L400		1						W
(B=EZZ27165)											
33	2	124766-59050	CLAMP, HOSE 11.5		2						W
(B=EZZ27165)											
34	2	105025-59530	HOSE, FUEL D13X400		1						W
(B=EZZ27165)											

Remarks
(1)Spare parts.

0CW10-M81502 ENGINE
Fig.13. FUEL PIPE



Remarks
(1)Loose parts.

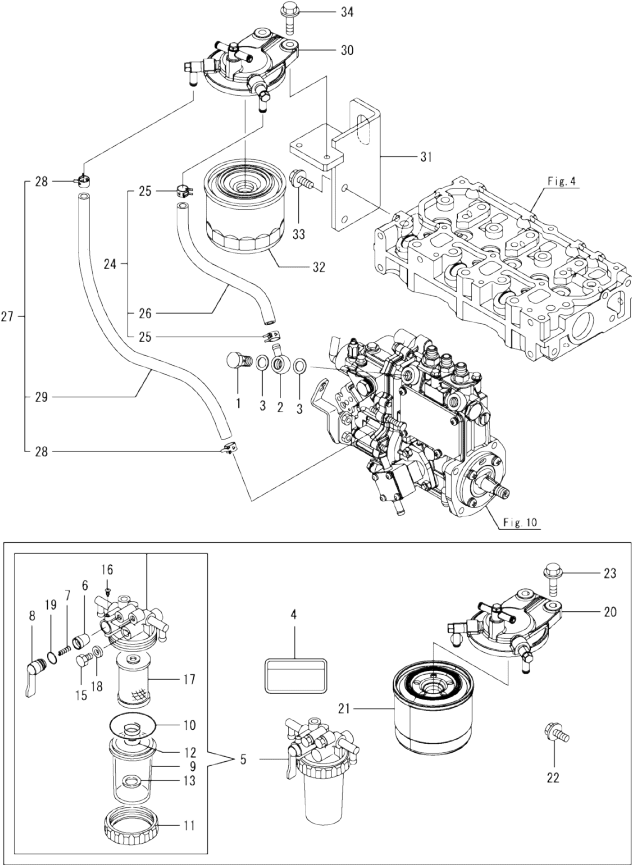
0CW10-M81502 Fig.13

(A)=3TNM72-BKTP
(B)=3TNM72-BKTP2
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119833-55621	FILTER ASSY, FUEL	1							
2	2	104200-55330	SPRING, FUEL VALVE	1							
3	2	119810-55340	LEVER, FUEL	1							
4	2	121254-55510	CUP, FUEL STARINER	1							
5	2	102103-55520	O-RING, FILTER	1							
6	2	110250-55610	RING, CUP RETAINING	1							
7	2	121250-55620	SPRING, ELEMENT	1							
8	2	119810-55650	ELEMENT, FUEL FILTER	1							
9	2	104200-55750	SCREW, M4	1							
10	2	24311-240100	O-RING, 1AP10A	1							
11	1	119028-55650	BRACKET, FILTER	1							
12	1	26014-080702	BOLT, M8X 70	1							
13	1	26106-080162	BOLT, M8X 16 PLATED	2							
14	1	103854-39140	BOLT, PIPE JOINT	1							
15	1	101304-59020	JOINT, PIPE 12	1							
16	1	129210-59140	HOSE ASSY, FUEL L380	1							
16-1	1	129210-59170	HOSE ASSY, FUEL L440	1							N
(A=E038531)											
17	2	124766-59050	CLAMP, HOSE 11.5	2							
18	2	105230-59510	HOSE, FUEL	1							
18-1	2	105225-59511	HOSE, FUEL	1							N
(A=E038531)											
19	1	129210-59230	HOSE ASSY, FUEL L205	1							
20	2	124766-59050	CLAMP, HOSE 11.5	2							
21	2	129555-59511	HOSE, FUEL	1							
22	1	22190-120002	WASHER, SEAL 12	2							
23	1	114110-07761	LABEL, FUEL CAUTION	1							1
24	1	129335-55701	SEPARATOR ASSY,WATER	1							1
25	2	104200-55321	VALVE, TAPER	1							1
26	2	104200-55330	SPRING, FUEL VALVE	1							1
27	2	104200-55341	HANDLE, COCK	1							1
28	2	124064-55510	CUP, FUEL STARINER	1							1
29	2	102103-55520	O-RING, FILTER	1							1
30	2	110250-55610	RING, CUP RETAINING	1							1
31	2	121257-55720	SPRING, ELEMENT	1							1
32	2	121257-55731	FLOAT	1							1
34	2	101720-55750	PLUG, HEXAGON M6	2							1
35	2	104200-55750	SCREW, M4	1							1
36	2	171081-55910	FILTER, FUEL 100M	1							1
37	2	23418-060000	GASKET, 6X1.0	2							1
38	2	24311-240100	O-RING, 1AP10A	1							1

0CW10-M81502 ENGINE
Fig.19. FUEL PIPE



Remarks
(1)Loose parts.

0CW10-M81502 Fig.19

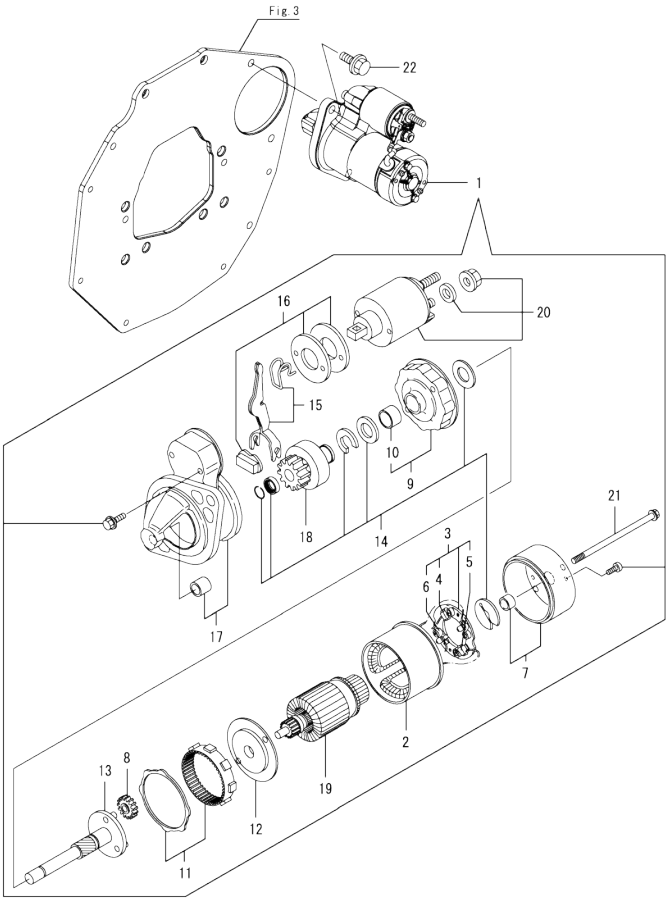
(A)=3TNM72-BKTP
(B)=3TNM72-BKTP2
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	103854-39140	BOLT, PIPE JOINT		1						
2	1	101304-59020	JOINT, PIPE 12		1						
3	1	22190-120002	WASHER, SEAL 12		2						
4	1	114110-07761	LABEL, FUEL CAUTION		1						1
5	1	129335-55701	SEPARATOR ASSY,WATER		1						1
6	2	104200-55321	VALVE, TAPER		1						1
7	2	104200-55330	SPRING, FUEL VALVE		1						1
8	2	104200-55341	HANDLE, COCK		1						1
9	2	124064-55510	CUP, FUEL STARINER		1						1
10	2	102103-55520	O-RING, FILTER		1						1
11	2	110250-55610	RING, CUP RETAINING		1						1
12	2	121257-55720	SPRING, ELEMENT		1						1
13	2	121257-55731	FLOAT		1						1
15	2	101720-55750	PLUG, HEXAGON M6		2						1
16	2	104200-55750	SCREW, M4		1						1
17	2	171081-55910	FILTER, FUEL 100M		1						1
18	2	23418-060000	GASKET, 6X1.0		2						1
19	2	24311-240100	O-RING, 1AP10A		1						1
20	1	119934-55611	BRACKET, FILTER		1					Z	1
(B=EZ27165)											
21	1	119802-55801	FILTER, FUEL		1					Z	1
(B=EZ27165)											
22	1	26106-080162	BOLT, M8X 16 PLATED		2						1
23	1	26106-080302	BOLT, M8X 30 PLATED		2						1
24	1	129210-59050	HOSE ASSY, FUEL L220		1						W
(B=EZ27165)											
25	2	124766-59050	CLAMP, HOSE 11.5		2						W
(B=EZ27165)											
26	2	105312-59510	HOSE, FUEL		1						W
(B=EZ27165)											
27	1	129210-59170	HOSE ASSY, FUEL L440		1						W
(B=EZ27165)											
28	2	124766-59050	CLAMP, HOSE 11.5		2						W
(B=EZ27165)											
29	2	105225-59511	HOSE, FUEL		1						W
(B=EZ27165)											
30	1	119934-55611	BRACKET, FILTER		1						W
(B=EZ27165)											
31	1	119025-55650	BRACKET, FO FILTER		1						W
(B=EZ27165)											
32	1	119802-55801	FILTER, FUEL		1						W
(B=EZ27165)											
33	1	26106-080202	BOLT, M8X 20 PLATED		2						W
(B=EZ27165)											
34	1	26106-080302	BOLT, M8X 30 PLATED		2						W
(B=EZ27165)											

N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.14. STARTER MOTOR

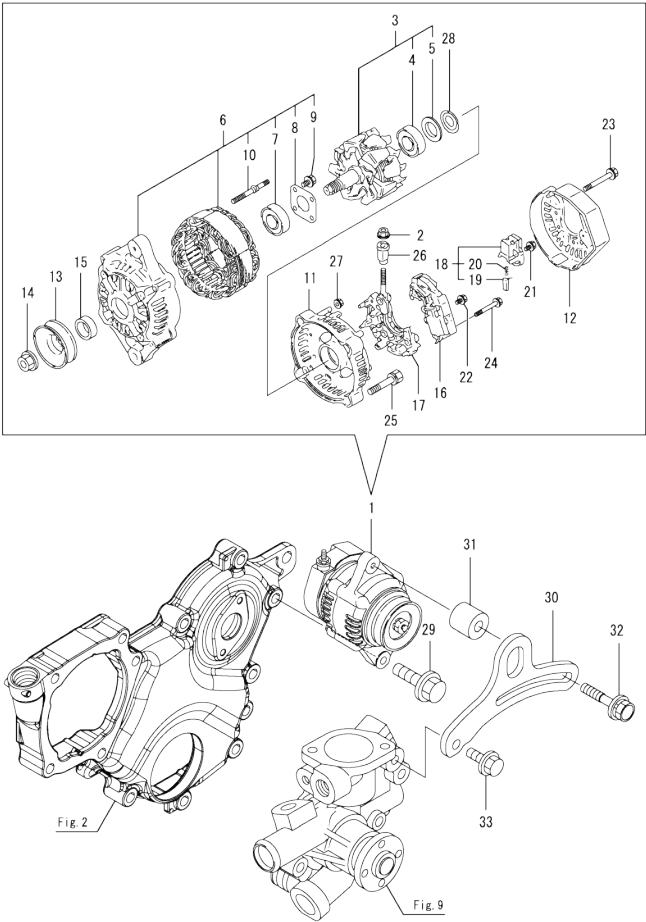


(A)=3TNM72-BKTP
(B)=3TNM72-BKTP2
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119125-77010	STARTER ASSY, 1.2KW	1	1						
2	2	129698-77110	YOKE ASSY	1	1						
3	2	129698-77120	HOLDER ASSY, BRUSH	1	1						
4	3	129698-77130	BRUSH	2	2						
5	3	129698-77140	BRUSH SET	1	1						
6	3	129698-77150	SPRING, BRUSH	4	4						
7	2	129698-77161	COVER ASSY, STARTER	1	1						
8	2	119125-77170	GEAR, PLANETARY	3	3						
9	2	129698-77180	BRACKET, CENTER P	1	1						
10	3	129698-77190	BRACKET, CENTER	1	1						
11	2	119125-77200	GEAR, INTERNAL	1	1						
12	2	119125-77210	BRACKET, CENTER A	1	1						
13	2	119125-77230	SHAFT, PINION	1	1						
14	2	129698-77250	WASHER SET	1	1						
15	2	119125-77270	LEVER SET, SHIFT	1	1						
16	2	119125-77280	COVER KIT, DUST	1	1						
17	2	119125-77520	CASE ASSY, GEAR	1	1						
18	2	119125-77660	PINION ASSY	1	1						
19	2	119125-77710	ARMATURE ASSY	1	1						
20	2	119125-77760	SWITCH ASSY, MAGNET	1	1						
21	2	124195-77770	BOLT, THROUGH	2	2						
22	1	26106-100252	BOLT, M10X 25 PLATED	2	2						

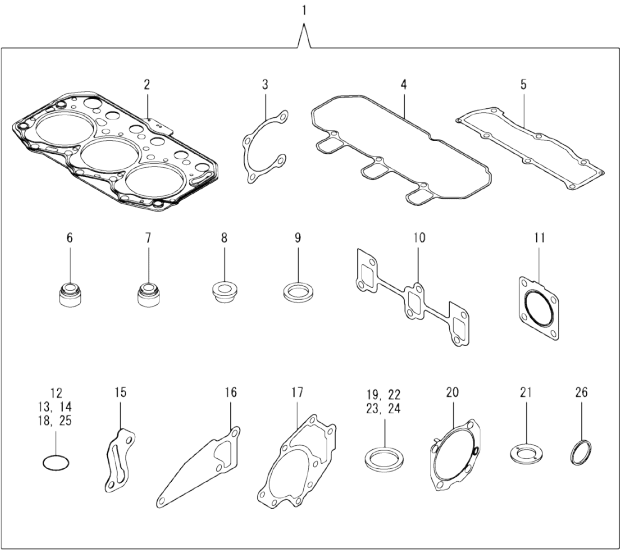
0CW10-M81502 ENGINE
Fig.15. GENERATOR



0CW10-M81502 Fig.15

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129423-77200	GENERATOR, 12V-40A	1							
1-1	1	129423-77210	ALTERNATOR, 12V-40A	1	1					N	
(A=EZ12769)											
2	2	X9490561001	NUT	1	1						
2-1	2	129240-79310	NUT	1	1					N	
(A=EZ31335) (B=EZ31335)											
3	2	119620-77380	ROTOR ASSY	1	1						
4	3	123501-79240	BEARING, BALL	1	1						
5	3	119620-79250	COVER, BEARING	1	1						
6	2	119620-77421	FRAME ASSY, DRIVE	1	1						
7	3	119620-79200	BEARING, BALL	1	1						
8	3	119620-79210	PLATE, RETAINER	1	1						
9	3	119620-79220	SCREW	4	4						
10	3	119620-79230	STUD	2	2						
11	2	119620-77440	FRAME ASSY, REAR	1	1						
12	2	129240-79300	COVER	1	1						
13	2	119620-77461	PULLEY, GENERATOR	1	1						
14	2	119620-77471	NUT	1	1						
15	2	119620-77490	COLLAR	1	1						
16	2	129423-77710	REGULATOR ASSY	1	1						
16-1	2	129423-77720	REGULATOR ASSY	1	1					N	
(A=EZ12769)											
16-2	2	129423-77730	REGULATOR ASSY	1	1					N	
(A=EZ31335) (B=EZ31335)											
17	2	119620-79260	HOLDER ASSY	1	1						
18	2	129052-79270	HOLDER ASSY, BRUSH	1	1						
19	3	119620-77480	BRUSH ASSY, SUB	2	2						
20	3	119620-79280	SPRING	2	2						
21	2	119620-79290	SCREW	6	6						
22	2	119620-79300	SCREW	1	1						
23	2	119620-79310	BOLT	3	3						
24	2	119620-79320	SCREW, W/WASHER	2	2						
25	2	119620-79330	BOLT	2	2						
26	2	119620-79340	BUSH, INSULATION	1	1						
27	2	119620-79350	NUT	2	2						
28	2	119620-79360	WASHER, THRUST	1	1						
29	1	26106-100402	BOLT, M10X 40 PLATED	1	1						
30	1	119125-77320	ADJUSTER, BELT	1	1						
31	1	124732-77340	SPACER, ADJUSTER	1	1						
32	1	129972-77341	BOLT, ADJUSTER L=50	1	1						
33	1	26106-080202	BOLT, M8X 20 PLATED	1	1						

Fig.16. GASKET SET



Remarks
(1)Optional parts.

(A)=3TNM72-BKTP
(B)=3TNM72-BKTP2
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119025-92600	GASKET SET	1	1						1
1-1	1	119025-92601	GASKET SET	1	1					N	1
(A=E026090) (B=EZ12039)											
2	2	119025-01332	GASKET, HEAD	1	1						
3	2	119125-01790	GASKET, PUMP	1	1						
4	2	119515-11310	GASKET, BONNET	1	1						
5	2	119515-11330	GASKET, BONNET COVER	1	1						
6	2	119717-11340	SEAL, VALVE STEM	3	3						
7	2	119717-11350	SEAL, VALVE STEM	3	3						
8	2	129901-11450	PROTECTOR, NOZZLE	3	3						
9	2	119600-11460	GASKET, NOZZLE	6	6						
10	2	119717-13110	GASKET, MANIFOLD	1	1						
11	2	119515-13200	GASKET, SILENCER	1	1						
12	2	129900-32040	O-RING, P14	1	1						
13	2	119125-34900	O-RING	1	1						
14	2	119209-35030	O-RING, P11	1	1						
15	2	119125-39220	GASKET, OIL PIPE	1	1						
16	2	119515-42020	GASKET, WATER PUMP	1	1						
17	2	119025-42030	GASKET, WATER PUMP	1	1						
18	2	119209-42320	O-RING, P21 EPDM	1	1						
19	2	124465-44950	GASKET, 16	1	1						
20	2	119125-51800	GASKET, FUEL PUMP	1	1						
21	2	129901-59560	GASKET, FUEL RETURN	3	3						
22	2	22190-120002	WASHER, SEAL 12	5	5						
23	2	22190-160002	WASHER, SEAL 16	1	1						
24	2	23414-080000	GASKET, 8X1.0	1	1						
25	2	24311-000180	O-RING, 1AP18.0	2	2						
26	2	119C10-21930	GASKET, WASHER	1	1						W
(A=E026090) (B=EZ12039)											
26-1	2	119C10-21931	PACKING, WASHER	1	1						N
(A=EZZ7165) (B=EZZ7165)											

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	13	15
	19	2
101720-55750	13	34
	19	15
102103-55520	13	5
	29	
	19	10
103854-39140	13	14
	19	1
104200-55321	13	25
	19	6
104200-55330	13	2
	26	
	19	7
104200-55341	13	27
	19	8
104200-55750	13	9
	35	
	19	16
105010-11490	4	3
105025-59530	18	34
105225-59511	13	18 -1
	19	29
105230-59510	12	25
	13	18
105312-59510	19	26
105425-01690	3	5
106760-01770	2	6
110250-55610	13	6
	30	
	19	11
114110-07761	13	23
	19	4
114250-39450	8	14
119000-59550	12	31
	18	28
119025-01332	1	31
	16	2
119025-01530	2	1
119025-14580	6	3
119025-21700	7	1
119025-22900	7	33
119025-25100	6	9
119025-34800	8	3
119025-35080	8	9
119025-42000	9	1
	17	1
119025-42001	9	1 -1
	17	1 -1
119025-42030	9	4

Parts No.	Fig. No.	Ref. No.
119025-42030	16	17
	17	4
119025-55650	19	31
119025-59810	12	20
	18	20
119025-59820	12	21
	18	21
119025-59830	12	22
	18	22
119025-92600	16	1
119025-92601	16	1 -1
119027-01560	1	1
119028-55650	13	11
119034-01770	3	4
119125-01590	2	7 -1
119125-01750	2	2
119125-01780	3	8
119125-01790	1	32
	16	3
119125-01800	1	33
119125-01960	1	7
119125-01970	1	5
119125-02061	1	9
119125-02900	1	36
119125-02910	1	39
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