

0CD11-M12701EN

P R E F A C E

This parts catalog is the 2nd edition of 3TNM68-HDW for DENYO Co., Ltd..

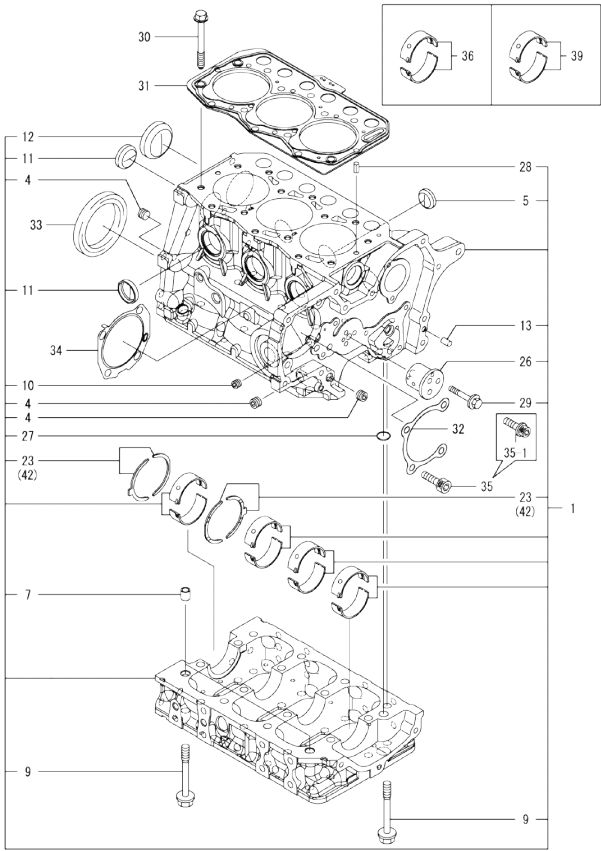
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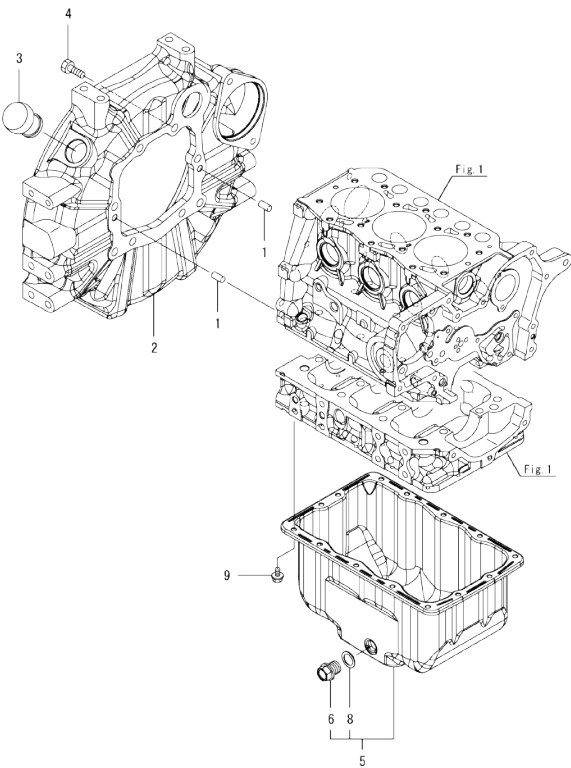
Fig.1. CYLINDER BLOCK



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119127-01560	BLOCK ASSY, CYLINDER	1							
4	2	124060-01050	PLUG, PT1/8	3							
5	2	119125-01970	PLUG, 25	3							
7	2	119125-01960	PIPE, KNOCK L=12	2							
9	2	119125-02061	BOLT, METAL CAP	16							
10	2	23876-005000	PLUG, R005	1							
11	2	27241-300000	PLUG 30	4							
12	2	27241-450000	PLUG, 45	1							
13	2	119620-01620	PIN, PARALLEL M6X10	2							
23	2	119125-02930	METAL ASSY, THRUST	2							
26	2	119125-25050	SHAFT, IDLE GEAR	1							
27	2	129900-32040	O-RING, P14	1							
28	2	22351-060012	PIN, SPRING 6.0X12	2							
29	2	26106-060402	BOLT, M6X 40 PLATED	3							
30	1	119266-01200	BOLT, CYLINDER HEAD	14							
31	1	119125-01330	GASKET, HEAD	1							
32	1	119125-01790	GASKET, PUMP	1							
33	1	119734-02220	SEAL, OIL WHEEL SIDE	1							
34	1	119125-51800	GASKET, FUEL PUMP	1							
35	1	26450-080252	BOLT, M8X 25	4							
35-1	1	119125-01800	BOLT, FLANGE M8X25	4						N	
(A=E002392)											
36	1	119125-02900	METAL ASSY, MAIN	4							1
39	1	119125-02910	METAL ASSY, MAIN .25	4							2
42	1	119125-02940	METAL ASSY, 0.25 OS	2							3

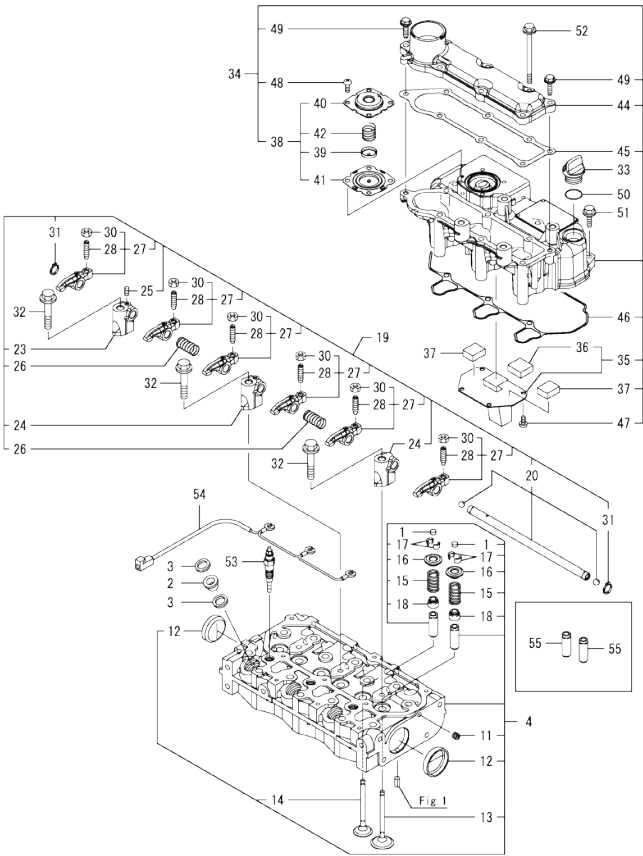
Fig.3. FLYWHEEL HOUSING & OIL SUMP



Remarks
(1)Fig.14 No.1-1 interchangeable by set.

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	119128-01620	HOUSING, FLYWHEEL	1							
2-1	1	119128-01650	HOUSING, FLYWHEEL	1						F	1
(A=E023532)											
3	1	119620-01750	CAP, WHEEL COVER	1							
4	1	26206-100252	BOLT, M10X 25 PLATED	8							
5	1	119125-01760	OIL PAN ASSY	1							
6	2	105425-01690	PLUG, DRAIN M16	1							
8	2	22190-160002	WASHER, SEAL 16	1							
9	1	119125-01780	BOLT, TORX M6X10	14							

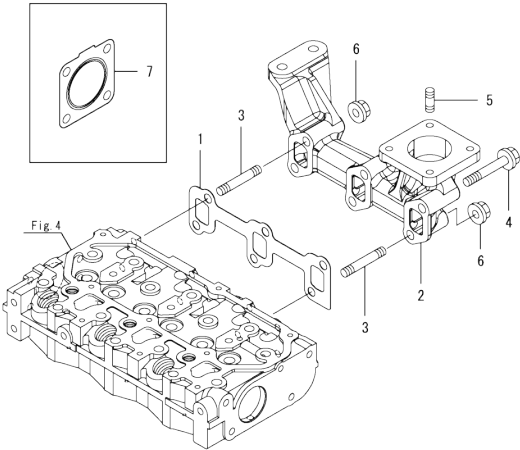
Fig.4. CYLINDER HEAD & BONNET



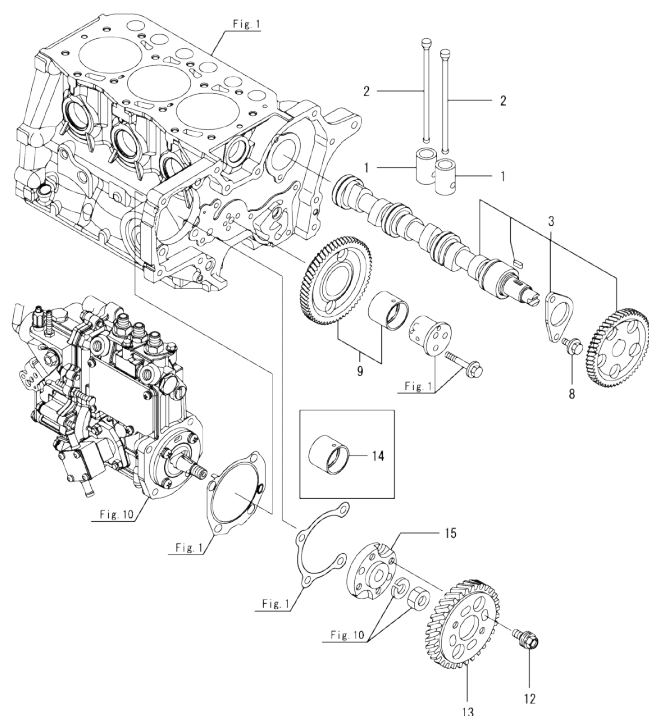
Remarks
(1)Spare parts.

				Description	Q'ty						I	R
No.	Lev.	Parts No.			(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-11370		CAP. VALVE	6							
2	1	129901-11450		PROTECTOR, NOZZLE	3							
3	1	119600-11460		GASKET, NOZZLE	6							
4	1	119125-11740		HEAD ASSY, CYLINDER	1							
11	2	23876-005000		PLUG, R005	1							
12	2	27241-350000		PLUG, 35	2							
13	2	119125-11100		VALVE, INTAKE	3							
14	2	119125-11110		VALVE, EXHAUST	3							
15	2	119125-11130		SPRING, VALVE	6							
16	2	119125-11180		RETAINER, SPRING	6							
17	2	119125-11190		COTTER, VALVE	12							
18	2	119125-11340		SEAL, VALVE STEM	6							
19	1	119125-11200		SUPPORT ASSY, ROCKER	1							
20	2	119125-11240		SHAFT ASSY, ROCKER	1							
23	2	119125-11260		SUPPORT, ROCKER ARM	1							
24	2	119125-11270		SUPPORT, ROCKER ARM	2							
25	2	119260-11270		SCREW	1							
26	2	119260-11280		SPRING, SHAFT	2							
27	2	119125-11650		ARM ASSY, ROCKER	6							
28	3	105010-11230		SCREW, VALVE ADJUST	6							
30	3	26856-060002		NUT, M6	6							
31	2	22242-000100		RING, 10	2							
32	1	26106-080452		BOLT, M8X 45 PLATED	3							
33	1	106760-01770		CAP. OIL SUPPLY	1							
34	1	119125-11380		BONNET ASSY, HEAD	1							
35	2	1191717-03031		PLATE, BAFFLE	1							
36	3	1191717-03070		BAFFLE, BREATHER	1							
37	2	1191717-03070		BAFFLE, BREATHER	2							
38	2	119802-03100		DIAPHRAGM ASSY	1							
39	3	119802-03110		PLATE, DIAPHRAGM	1							
40	3	119802-03121		COVER, DIAPHRAGM	1							
41	3	119802-03131		DIAPHRAGM, BREATHER	1							
42	3	119802-03141		SPRING, DIAPHRAGM	1							
44	2	119125-11320		COVER, BONNET	1							
45	2	119125-11330		GASKET, BONNET	1							
46	2	119125-11370		GASKET, BONNET	1							
47	2	22857-500100		SCREW, 5X10	4							
48	2	22857-500100		SCREW, 5X10	4							
49	2	26476-060202		SCREW, TAPPING M6X20	2							
50	1	24311-000180		O-RING, 1AP18.0	1							
50-1	1	119125-01590		O-RING, C 0190 G	1						N	
(A=E033776)												
51	1	26106-060202		BOLT, M6X 20 PLATED	3							
52	1	26106-060802		BOLT, M6X 80 PLATED	6							
53	1	119125-77800		PLUG, GLOW	3							
54	1	119125-77820		CONNECTOR, GLOW PLUG	1							
55	1	119125-11800		GUIDE, VALVE	6							1

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Fig.5. EXHAUST MANIFOLD



				0CD11-M12701 Fig.5							
				(A)=3TNM68-HDW	(D)=						
				(B)=	(E)=						
				(C)=	(F)=						
				Q'ty					I	R	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119125-13110	GASKET, MANIFOLD	1							
2	1	119125-13140	MANIFOLD, EXHAUST	1							
3	1	119717-13600	STUD, M8X50	2							
4	1	119802-13620	BOLT, M8X50	4							
4-1	1	129E00-13610	BOLT, M8X50 10.9	4						N	
(A=E024554)											
5	1	119131-18320	STUD, M8X22	4							
6	1	26306-080002	NUT, M8	2							
7	1	119515-13200	GASKET, SILENCER	1							1

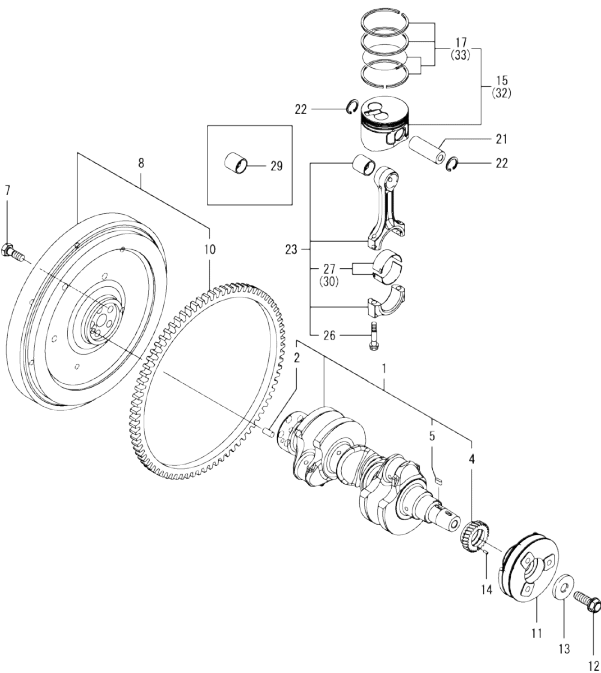


Remarks
(1) Spare parts.

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

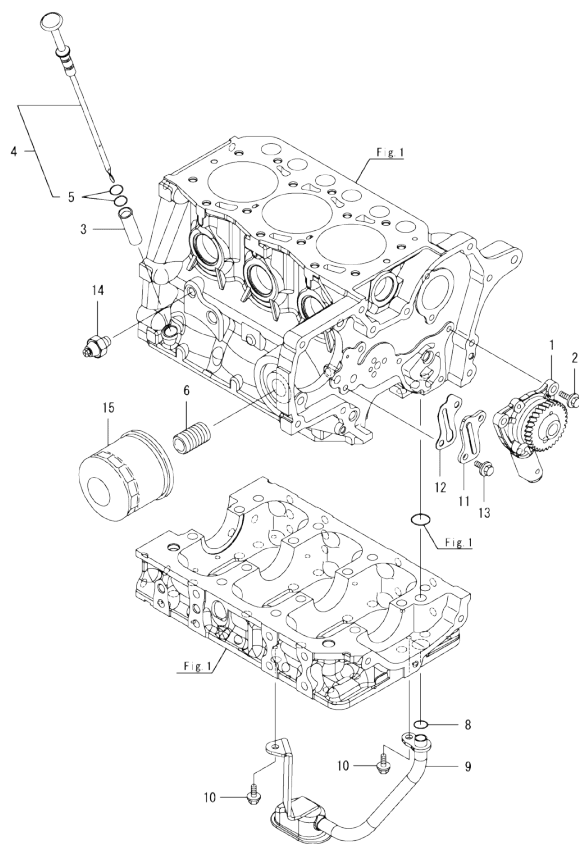
No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-14200	TAPPET	6							
2	1	119260-14400	ROD, PUSH	6							
3	1	119125-14580	CAMSHAFT ASSY	1							
8	1	26106-060122	BOLT, M6X 12 PLATED	2							
9	1	119125-25100	GEAR ASSY, IDLE	1							
12	1	129150-25301	BOLT, INJECTION PUMP	4							
13	1	119125-25930	GEAR, PUMP	1							
14	1	119125-25910	BUSH, IDLE GEAR	1							1
15	1	1191717-51150	FLANGE, CAMSHAFT	1							

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Fig.7. CRANKSHAFT & PISTON



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

										0CD11-M12701 Fig.7	
										(A)=3TNM68-HDW	(D)=
										(B)=	(E)=
										(C)=	(F)=
										Q'ty	
										(A)	(B)
										(C)	(D)
										(E)	(F)
										I	
										R	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119125-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, PARALLEL 8X16	1							
4	2	119125-21200	GEAR, CRANKSHAFT	1							
5	2	22512-040120	KEY, 4X 12	1							
7	1	121111-21501	BOLT, FLYWHEEL	5							
8	1	119128-21540	FLYWHEEL ASSY	1							
10	2	119865-21600	GEAR, RING Z=116	1							
11	1	119125-21650	V-PULLEY, CRANKSHAFT	1							
12	1	119621-21681	BOLT, FLANGE 12X1.25	1							
13	1	119620-21941	WASHER, 12	1							
14	1	22351-030010	PIN, SPRING 3.0X10	1							
15	1	119125-22080	PISTON ASSY	3							
17	2	119125-22500	RING SET, PISTON	3							
21	1	119125-22300	PIN, PISTON	3							
22	1	22252-000200	RING, 20	6							
23	1	119125-23000	ROD ASSY, CONNECTING	3							
26	2	119717-23200	BOLT, CONNECTING ROD	6							
27	2	119515-23601	METAL ASSY,CRANK PIN	3							
29	1	119260-23910	METAL, PISTON PIN	3							1
30	1	119515-23611	METAL ASSY, PIN .25	3							2
32	1	119125-22900	PISTON ASSY, 0.25 OS	3							3
33	2	119125-22550	RING SET, PISTON .25	3							3

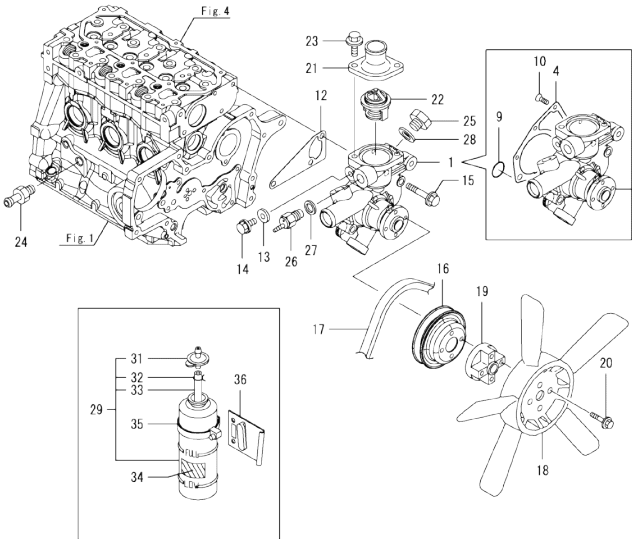


Remarks
(1) Spare parts.

					(A)=3TNM68-HDW (B)= (C)=	(D)= (E)= (F)=					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119125-32000	PUMP ASSY, OIL	1							
2	1	26106-060142	BOLT, M6X 14 PLATED	3							
3	1	119125-34810	GUIDE, DIPSTICK	1							
4	1	119125-34820	DIPSTICK, OIL	1							
5	2	119125-34900	O-RING	2							
6	1	119717-35140	STUD	1							
8	1	119209-35030	O-RING, P11	1							
9	1	119128-35080	PIPE ASSY, OIL INLET	1							
10	1	26106-060102	BOLT, M6X 10 PLATED	2							
11	1	119125-39200	COVER, OIL	1							
12	1	119125-39220	GASKET, OIL PIPE	1							
13	1	26106-060102	BOLT, M6X 10 PLATED	2							
14	1	121252-39450	SWITCH, HYDRAULIC	1							
15	1	119305-35151	FILTER ASSY, D68XL65	1							1

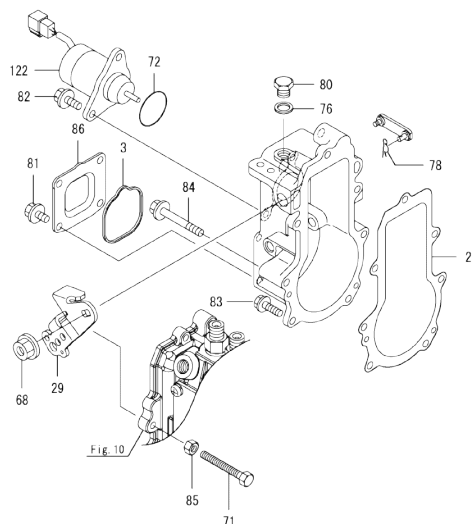
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.9. COOLING WATER SYSTEM



Remarks
(1)Loose parts.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119125-42000	PUMP ASSY, WATER	1							
1-1	1	119125-42001	PUMP ASSY, CW	1							N
(A=E032536)											
4	2	119125-42030	GASKET, WATER PUMP	1							
9	2	119209-42320	O-RING, P21 EPDM	1							
10	2	26577-060122	SCREW, M6X12	4							
12	1	119260-42021	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	119740-42350	V-PULLEY, PUMP D=90	1							
17	1	119128-42310	V-BELT, A34	1							
18	1	121023-44740	FAN, COOLING D=290 L	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	121550-49111	JOINT, PT1/4	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							
29	1	124450-44510	TANK ASSY, SUB	1							1
31	2	124450-44530	CAP, SUB TANK	1							1
32	2	124450-44560	CLAMP, PIPE	1							1
33	2	23061-070230	PIPE, 7X 230	1							1
34	1	121470-44540	LABEL, SUB TANK	1							1
35	1	124450-44550	BAND, SUB TANK	1							1
36	1	121256-44600	BRACKET, SUB TANK	1							1



Remarks

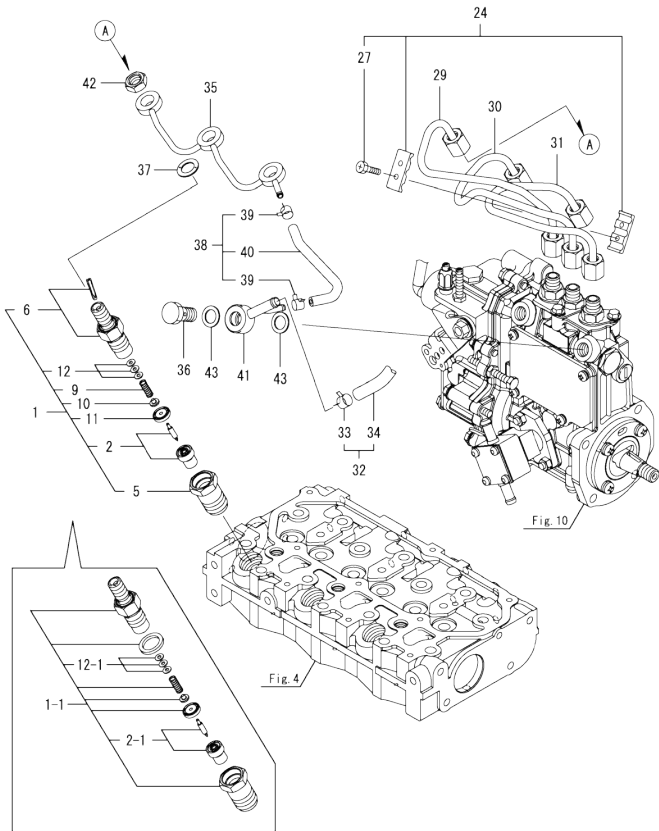
* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.10).

(A)=3TNM68-HDW
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
2	2	119717-61050	GASKET, CASE	1							
3	2	119717-61070	GASKET, COVER	1							
29	3	119515-61440	LEVER, CONTROL	1							
68	3	26366-080002	NUT, M8	1							
71	2	129155-61460	BOLT, IDLE LIMIT	1							
71-1	2	129155-61461	BOLT, IDLE LIMIT	1							N
(A=E030357)											
72	2	158552-61900	O-RING	1							
76	2	22190-100002	WASHER, SEAL 10	1							
78	2	22372-040000	PIN, SNAP 4	1							
80	2	23887-100002	PLUG, 10	1							
80-1	2	119717-51930	PLUG, M10	1							R
(A=E003363)											
81	2	26106-060102	BOLT, M6X 10 PLATED	4							
82	2	26106-060142	BOLT, M6X 14 PLATED	2							
83	2	26106-060202	BOLT, M6X 20 PLATED	4							
84	2	26106-060452	BOLT, M6X 45 PLATED	3							
85	2	26756-060002	NUT, LOCK M6	1							
85-1	2	119740-61470	NUT	1							N
(A=E029306)											
86	2	119717-61060	COVER, GOVERNOR CASE	1							
122	2	119233-77932	SOLENOID, STOP	1							

Fig.12. FUEL INJECTION VALVE

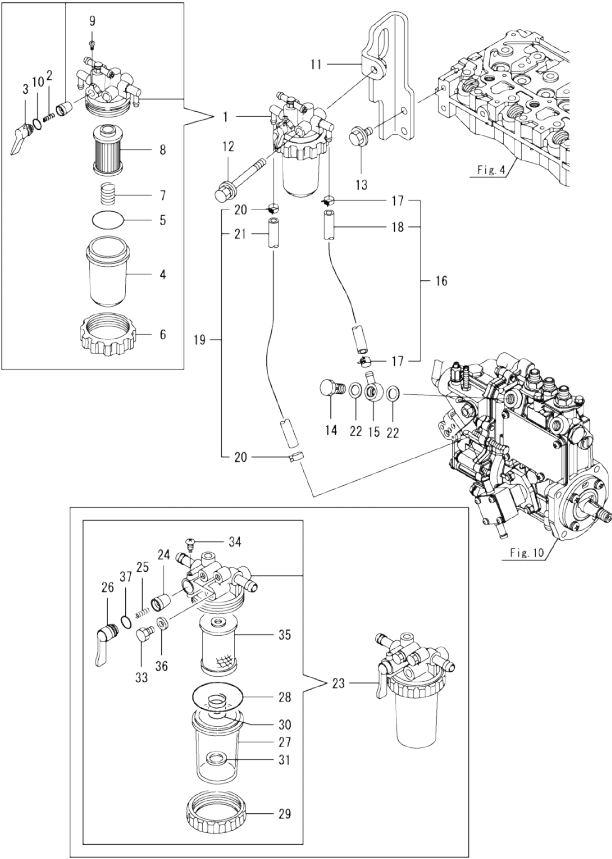


(A)=3TNM68-HDW
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719125-53100	VALVE ASSY,INJECTION	3							
1-1	1	119515-53001	VALVE ASSY,INJECTION	3							R
(A=E011552)											
2	2	119125-53001	VALVE ASSY,INJECTION	3							
2-1	2	119515-53010	VALVE ASSY,INJECTION	3							S
(A=E011552)											
5	2	119125-53080	NUT, NOZZLE	3							Z
(A=E011552)											
6	2	119125-53100	HOLDER ASSY, NOZZLE	3							
9	2	119125-53120	SPRING, NOZZLE	3							Z
(A=E011552)											
10	2	119125-53130	SEAT, SPRING	3							Z
(A=E011552)											
11	2	119125-53140	SPACER, VALVE STOP	3							Z
(A=E011552)											
12	2	114250-53400	SHIM SET	3							
12-1	2	129901-53800	SHIM SET, ADJUSTING	3							S
(A=E011552)											
24	1	129150-59120	RETAINER, PIPE	1							
27	2	129150-59131	BOLT, M4X14	2							
29	1	119125-59810	PIPE, INJECTION NO.1	1							
30	1	119125-59820	PIPE, INJECTION NO.2	1							
31	1	119125-59830	PIPE, INJECTION NO.3	1							
32	1	129210-59120	HOSE ASSY, FUEL L330	1							
33	2	124766-59050	CLAMP, HOSE 11.5	2							
34	2	129211-59510	HOSE, FUELL=330	1							
35	1	119125-59540	PIPE ASSY, RETURN	1							
36	1	119125-59560	BOLT, PIPE JOINT	1							
37	1	129901-59560	GASKET, FUEL RETURN	3							
38	1	119125-59570	HOSE ASSY, RETURN	1							
39	2	124066-59100	CLAMP, HOSE 8	2							
40	2	119000-59550	HOSE, FUEL RETURN	1							
41	1	119840-59570	JOINT, OVERFLOW	1							
42	1	119620-59700	NUT, NOZZLE RETURN	3							
43	1	22190-120002	WASHER, SEAL 12	2							

OCD11-M12701 ENGINE
Fig.13. FUEL PIPE



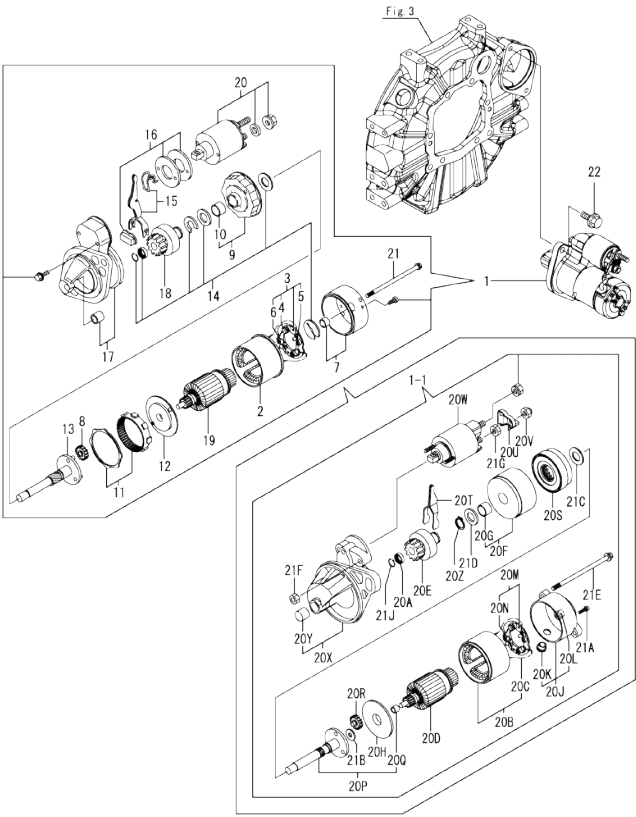
OCD11-M12701 Fig.13

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119833-55620	FILTER ASSY, FUEL	1							
1-1	1	119833-55621	FILTER ASSY, FUEL	1							N
(A=E013134)											
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	119128-55651	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	129210-59030	HOSE ASSY, FUEL L150	1							
16-1	1	129210-59250	PIPE ASSY, FO L=140	1							N
(A=E018614)											
17	2	124766-59050	CLAMP, HOSE 11.5	2							
18	2	129150-59511	HOSE, FUEL	1							
18-1	2	119128-59510	PIPE, FO	1							N
(A=E018614)											
19	1	129210-59120	HOSE ASSY, FUEL L330	1							
20	2	124766-59050	CLAMP, HOSE 11.5	2							
21	2	129211-59510	HOSE, FUEL L=330	1							
22	1	22190-120002	WASHER, SEAL 12	2							1
23	1	121257-55700	SEPARATOR ASSY, WATER	1							1
24	2	104200-55321	VALVE, TAPER	1							1
25	2	104200-55330	SPRING, FUEL VALVE	1							1
26	2	104200-55341	HANDLE, COCK	1							1
27	2	124064-55510	CUP, FUEL STARINER	1							1
28	2	102103-55520	O-RING, FILTER	1							1
29	2	110250-55610	RING, CUP RETAINING	1							1
30	2	121257-55720	SPRING, ELEMENT	1							1
31	2	121257-55731	FLOAT	1							1
33	2	101720-55750	PLUG, HEXAGON M6	2							1
34	2	104200-55750	SCREW, M4	1							1
35	2	171081-55910	FILTER, FUEL 100M	1							1
36	2	23418-060000	GASKET, 6X1.0	2							1
37	2	24311-240100	O-RING, 1AP10A	1							1

Remarks
(1)Loose parts.

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



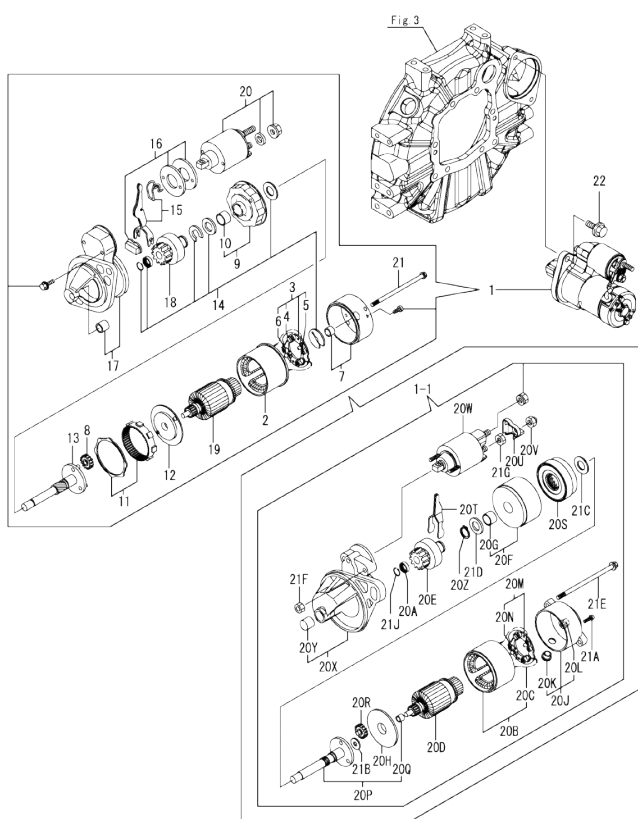
Remarks
(1)Interchangeable by simultaneous replacement with Fig.3 No.2-1.

										0CD11-M12701 Fig.14	
										(A)=3TNM68-HDW (D)= (E)= (F)=	
										Q'ty	
										(A) (B) (C) (D) (E) (F)	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119125-77010	STARTER ASSY, 1.2KW	1							
1-1	1	119515-77010 (A=E023532)	STARTER, P1.0	1						F	1
2	2	129698-77110 (A=E023532)	YOKE ASSY	1						Z	
3	2	129698-77120 (A=E023532)	HOLDER ASSY, BRUSH	1						Z	
4	3	129698-77130 (A=E023532)	BRUSH	2						Z	
5	3	129698-77140 (A=E023532)	BRUSH SET	1						Z	
6	3	129698-77150 (A=E023532)	SPRING, BRUSH	4						Z	
7	2	129698-77161 (A=E023532)	COVER ASSY, STARTER	1						Z	
8	2	119125-77170 (A=E023532)	GEAR, PLANETARY	3						Z	
9	2	129698-77180 (A=E023532)	BRACKET, CENTER P	1						Z	
10	3	129698-77190 (A=E023532)	BRACKET, CENTER	1						Z	
11	2	119125-77200 (A=E023532)	GEAR, INTERNAL	1						Z	
12	2	119125-77210 (A=E023532)	BRACKET, CENTER A	1						Z	
13	2	119125-77230 (A=E023532)	SHAFT, PINION	1						Z	
14	2	129698-77250 (A=E023532)	WASHER SET	1						Z	
15	2	119125-77270 (A=E023532)	LEVER SET, SHIFT	1						Z	
16	2	119125-77280 (A=E023532)	COVER KIT, DUST	1						Z	
17	2	119125-77520 (A=E023532)	CASE ASSY, GEAR	1						Z	
18	2	119125-77660 (A=E023532)	PINION ASSY	1						Z	
19	2	119125-77710 (A=E023532)	ARMATURE ASSY	1						Z	
20	2	119125-77760 (A=E023532)	SWITCH ASSY, MAGNET	1						Z	
20A	2	X0280210331 (A=E023532)	NUT	1						W	
20B	2	X0281007680 (A=E023532)	YOKE ASSY	1						W	
20C	3	X0280996180 (A=E023532)	STARTER KIT	2						W	
20D	2	X0282005871 (A=E023532)	ARMATURE ASSY	1						W	
20E	2	X0283006960 (A=E023532)	CLUTCH	1						W	

N:Old $\frac{NHS}{100}$ New, Q:Old $\frac{HQ}{100}$ New, R:Old $\frac{RHS}{100}$ New, S:Old $\frac{SHS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

++ CONTINUE ++

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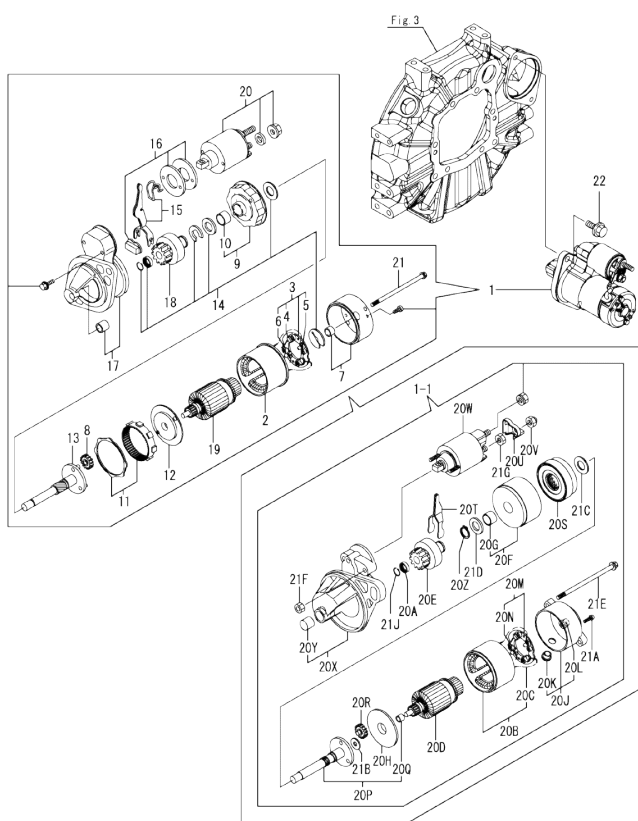


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
20F	2	X0284105040 (A=E023532)	BEARING ASSY, SUB	1						W	
20G	3	X9491034330	BEARING	1						W	
20H	2	X0284525010 (A=E023532)	PLATE	1						W	
20J	2	X0285007030 (A=E023532)	FRAME ASSY	1						W	
20K	3	X0280626010	COVER	1						W	
20L	3	X9491040990 (A=E023532)	BEARING	1						W	
20M	2	X0285105190 (A=E023532)	HOLDER ASSY	1						W	
20N	3	X0285205030	SPRING	4						W	
20P	2	X0286105010 (A=E023532)	SHAFT ASSY, SUB	1						W	
20Q	3	X9491034320 (A=E023532)	BEARING	1						W	
20R	2	X0286305010 (A=E023532)	GEAR	3						W	
20S	2	X0286355010 (A=E023532)	GEAR	1						W	
20T	2	X0287405140 (A=E023532)	LEVER	1						W	
20U	2	X1280330020 (A=E023532)	COVER, TERMINAL	1						W	
20V	2	X1289510130 (A=E023532)	NUT	1						W	
20W	2	X2534000090 (A=E023532)	SWITCH ASSY	1						W	
20X	2	X4284001590 (A=E023532)	HOUSING ASSY	1						W	
20Y	3	X9491050100 (A=E023532)	BEARING, NEEDLE	1						W	
20Z	2	X9055715000 (A=E023532)	RING	1						W	
21	2	124195-77770	BOLT, THROUGH	2						Z	
21A	2	X9490065670 (A=E023532)	SCREW, M4X6	2						W	
21B	2	X9490138090 (A=E023532)	WASHER	1						W	
21C	2	X9490138100 (A=E023532)	WASHER	1						W	
21D	2	X9490138110 (A=E023532)	WASHER	1						W	
21E	2	X9490423520 (A=E023532)	BOLT, THROUGH	2						W	
21F	2	X9490560750	NUT	2						W	

Remarks

(1) Interchangeable by simultaneous replacement with Fig.3 No.2-1.

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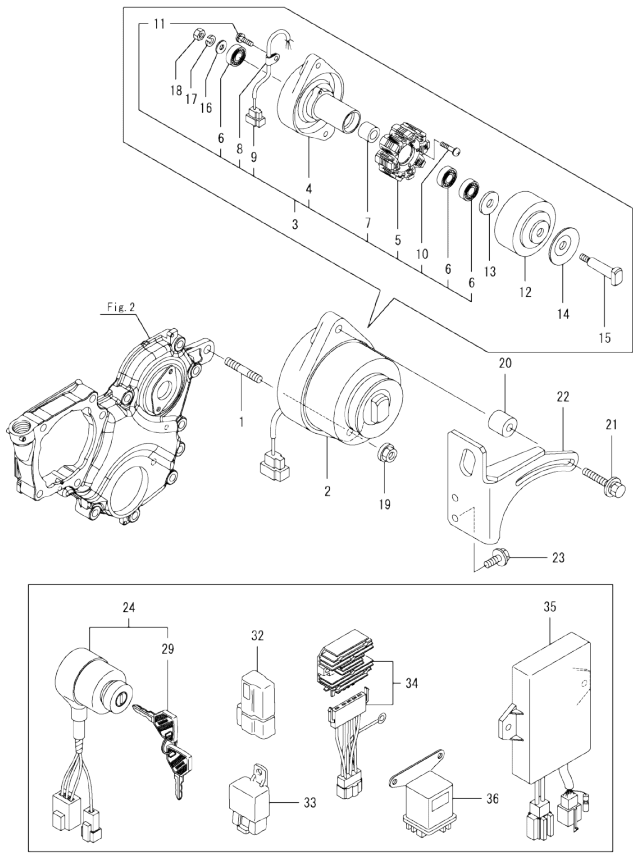
Remarks

(1) Interchangeable by simultaneous replacement with Fig.3 No.2-1.

				(A)=3TNM68-HDW (B)= (C)=	0CD11-M12701 Fig.14 (D)= (E)= (F)=					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I R
21G	2	(A=E023532) X9490562360	NUT	1						W
21J	2	(A=E023532) X9490721360	RING	1						W
22	1	(A=E023532) 26106-100252	BOLT. M10X 25 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:Qty Change

0CD11-M12701 ENGINE
Fig.15. GENERATOR

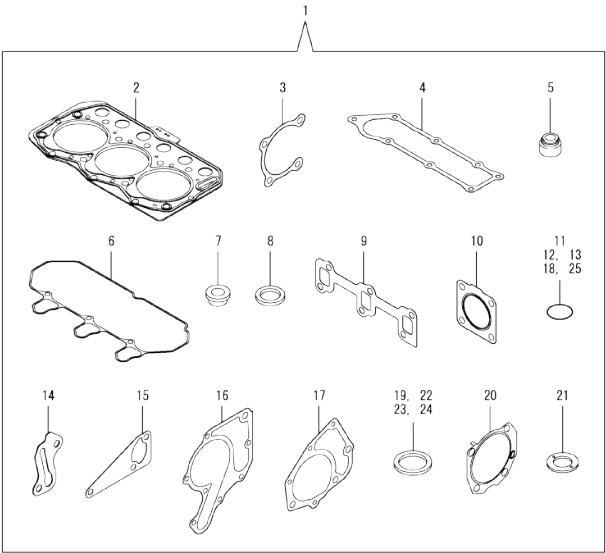


Remarks
(1)Loose parts.

0CD11-M12701 Fig.15

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129795-01900	BOLT, M10X30	1							
2	1	171301-77201	DYNAMO ASSY, 15A	1							
3	2	XM08137	PLATE ASSY	1							
4	3	X2A07073KA	PLATE	1							
5	3	X4A07023KB	STATOR ASSY	1							
6	3	24104-062010	BEARING, 6201UUC3	3							
7	3	XM329830000	COLLAR	1							
8	3	XM069000000	CLAMP	1							
9	3	X417878	COUPLER	1							
10	3	XYSPS402400	SCREW	2							
11	3	XYSPS400800	SCREW	1							
12	2	X3A08877KA	FLYWHEEL	1							
13	2	XM67935	WASHER	1							
14	2	XM721740000	PULLEY	1							
15	2	X4A07403K01	SHAFT	1							
16	2	XM860250000	WASHER, 10	1							
17	2	XM219230000	WASHER, SPRING	1							
18	2	XM863720000	NUT	1							
19	1	26306-100002	NUT, M10	1							
20	1	124732-77340	SPACER, ADJUSTER	1							
21	1	129972-77341	BOLT, ADJUSTER L=50	1							
22	1	119128-77480	ADJUSTER, BELT	1							
23	1	26106-080162	BOLT, M8X 16 PLATED	2							
24	1	194940-52110	SWITCH, STARTING	1							1
24-1	1	194940-52111	SWITCH ASSY, STARTER	1						N	1
(A=2018.09)											
24-2	1	129902-77500	SWITCH ASSY, STARTER	1						N	1
(A=E033806)											
29	2	198360-52160	KEY ASSY, SPARE	1							1
32	1	119643-66900	DIODE	2							1
33	1	119247-77100	RELAY, POWER SN2213	1							1
34	1	119865-77701	LIMITER, CURRENT 20A	1							1
35	1	119546-77800	RELAY, EMERGENCY	1							1
35-1	1	119128-77800	CONTROLLER ASSY	1						N	1
(A=E017299)											
35-2	1	119128-77801	CONTROLLER ASSY	1						R	1
(A=E019952)											
36	1	119650-77910	RELAY ASSY, GLOW	1							1
36-1	1	119650-77911	RELAY ASSY, GLOW	1						N	1
(A=E003812)											

Fig.16. GASKET SET



Remarks
(1)Optional parts.

(A)=3TNM68-HDW
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119125-92600	GASKET SET	1							1
2	2	119125-01330	GASKET, HEAD	1							
3	2	119125-01790	GASKET, PUMP	1							
4	2	119125-11330	GASKET, BONNET	1							
5	2	119125-11340	SEAL, VALVE STEM	6							
6	2	119125-11370	GASKET, BONNET	1							
7	2	129901-11450	PROTECTOR, NOZZLE	3							
8	2	119600-11460	GASKET, NOZZLE	6							
9	2	119125-13110	GASKET, MANIFOLD	1							
10	2	119515-13200	GASKET, SILENCER	1							
11	2	129900-32040	O-RING, P14	1							
12	2	119125-34900	O-RING	1							
13	2	119209-35030	O-RING, P11	1							
14	2	119125-39220	GASKET, OIL PIPE	1							
15	2	119260-42021	GASKET, WATER PUMP	1							
16	2	119275-42020	GASKET, WATER PUMP	1							
17	2	119125-42030	GASKET, WATER PUMP	1							
18	2	119209-42320	O-RING, P21 EPDM	1							
19	2	124465-44950	GASKET, 16	1							
20	2	119125-51800	GASKET, FUEL PUMP	1							
21	2	129901-59560	GASKET, FUEL RETURN	3							
22	2	22190-120002	WASHER, SEAL 12	5							
23	2	22190-160002	WASHER, SEAL 16	1							
24	2	23414-080000	GASKET, 8X1.0	1							
25	2	24311-000180	O-RING, 1AP18.0	2							

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Parts No.	Fig. No.	Ref. No.
101304-59020	13	15
101720-55750	13	33
102103-55520	13	5
	28	
103854-39140	13	14
104200-55321	13	24
104200-55330	13	2
	25	
104200-55341	13	26
104200-55750	13	9
	34	
105010-11230	4	28
105425-01690	3	6
106760-01770	2	6
	4	33
110250-55610	13	6
	29	
114250-53400	12	12
119000-59550	12	40
119125-01330	1	31
	16	2
119125-01500	2	1 -1
119125-01540	2	1
119125-01590	2	7 -1
	4	50 -1
119125-01750	2	2
119125-01760	3	5
119125-01780	3	9
119125-01790	1	32
	16	3
119125-01800	1	35 -1
119125-01960	1	7
119125-01970	1	5
119125-02061	1	9
119125-02900	1	36
119125-02910	1	39
119125-02930	1	23
119125-02940	1	42
119125-11100	4	13
119125-11110	4	14
119125-11130	4	15
119125-11180	4	16
119125-11190	4	17
119125-11200	4	19
119125-11240	4	20
119125-11260	4	23
119125-11270	4	24
119125-11320	4	44
119125-11330	4	45
	16	4

Parts No.	Fig. No.	Ref. No.
119125-11340	4	18
	16	5
119125-11370	4	46
	16	6
119125-11380	4	34
119125-11650	4	27
119125-11740	4	4
119125-11800	4	55
119125-13110	5	1
	16	9
119125-13140	5	2
119125-14580	6	3
119125-21200	7	4
119125-21650	7	11
119125-21700	7	1
119125-22080	7	15
119125-22300	7	21
119125-22500	7	17
119125-22550	7	33
119125-22900	7	32
119125-23000	7	23
119125-25050	1	26
119125-25100	6	9
119125-25910	6	14
119125-25930	6	13
119125-32000	8	1
119125-34810	8	3
119125-34820	8	4
119125-34900	8	5
	16	12
119125-39200	8	11
119125-39220	8	12
	16	14
119125-42000	9	1
119125-42001	9	1 -1
119125-42030	9	4
	16	17
119125-51700	10	67
119125-51800	1	34
	16	20
119125-52000	10	85
119125-53001	12	2
119125-53080	12	5
119125-53100	12	6
119125-53120	12	9
119125-53130	12	10
119125-53140	12	11
119125-59540	12	35
119125-59560	12	36
119125-59570	12	38

Parts No.	Fig. No.	Ref. No.
119125-59810	12	29
119125-59820	12	30
119125-59830	12	31
119125-77010	14	1
119125-77170	14	8
119125-77200	14	11
119125-77210	14	12
119125-77230	14	13
119125-77270	14	15
119125-77280	14	16
119125-77520	14	17
119125-77660	14	18
119125-77710	14	19
119125-77760	14	20
119125-77800	4	53
119125-77820	4	54
119125-92600	16	1
119127-01560	1	1
119128-01620	3	2
119128-01650	3	2 -1
119128-21540	7	8
119128-35080	8	9
119128-42310	9	17
119128-55651	13	11
119128-59510	13	18 -1
119128-77480	15	22
119128-77800	15	35 -1
119128-77801	15	35 -2
119131-18320	5	5
119209-35030	8	8
	16	13
119209-42320	9	9
	16	18
119233-77932	11	122
119247-77100	15	33
119260-11270	4	25
119260-11280	4	26
119260-11370	4	1
119260-14200	6	1
119260-14400	6	2
119260-23910	7	29
119260-42021	9	12
	16	15
119266-01200	1	30
119275-42020	16	16
119305-35151	8	15
119515-13200	5	7
	16	10
119515-23601	7	27
119515-23611	7	30

Parts No.	Fig. No.	Ref. No.
119515-53001	12	1 -1
119515-53010	12	2 -1
119515-61440	11	29
119515-77010	14	1 -1
119546-77800	15	35
119600-11460	4	3
	16	8
119620-01620	1	13
119620-01750	3	3
119620-21941	7	13
119620-59700	12	42
119621-21681	7	12
119643-66900	15	32
119650-77910	15	36
119650-77911	15	36 -1
119717-01800	2	3
119717-03031	4	35
119717-03070	4	36
		37
119717-13600	5	3
119717-23200	7	26
119717-35140	8	6
119717-49800	9	22
119717-51150	6	15
119717-51420	10	27
119717-51711	10	68
119717-51750	10	69
119717-51761	10	70
119717-51860	10	82
119717-51930	11	80 -1
119717-61050	11	2
119717-61060	11	86
119717-61070	11	3
119734-02220	1	33
119740-42350	9	16
119740-61470	11	85 -1
119802-03100	4	38
119802-03110	4	39
119802-03121	4	40
119802-03131	4	41
119802-03141	4	42
119802-13620	5	4
119810-55340	13	3
119810-55650	13	8
119833-55620	13	1
119833-55621	13	1 -1
119840-59570	12	41
119865-21600	7	10
119865-77701	15	34
121023-01551	2	8

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Parts No.	Fig. No.	Ref. No.
121023-44740	9	18
121111-21501	7	7
121250-44901	9	26
121250-55620	13	7
121252-39450	8	14
121254-55510	13	4
121256-44600	9	36
121257-55700	13	23
121257-55720	13	30
121257-55731	13	31
121267-44760	9	19
121450-42450	9	25
121470-44540	9	34
121550-49111	9	24
122710-51090	10	8
124060-01050	1	4
124064-55510	13	27
124066-59100	12	39
124195-77770	14	21
124450-44510	9	29
124450-44530	9	31
124450-44550	9	35
124450-44560	9	32
124465-44950	9	27
	28	
	16	19
124732-77340	15	20
124766-59050	12	33
	13	17
	20	
129100-01580	3	1
	7	2
129150-25301	6	12
129150-59120	12	24
129150-59131	12	27
129150-59511	13	18
129155-51020	10	5
129155-51280	10	18
129155-51400	10	25
129155-51580	10	46
129155-52051	10	86
129155-61460	11	71
129155-61461	11	71 -1
129210-59030	13	16
129210-59120	12	32
	13	19
129210-59250	13	16 -1
129211-59510	12	34
	13	21
129350-49530	9	21

Parts No.	Fig. No.	Ref. No.
129698-77110	14	2
129698-77120	14	3
129698-77130	14	4
129698-77140	14	5
129698-77150	14	6
129698-77161	14	7
129698-77180	14	9
129698-77190	14	10
129698-77250	14	14
129795-01900	15	1
129900-32040	1	27
	16	11
129901-11450	4	2
	16	7
129901-53800	12	12 -1
129901-59560	12	37
	16	21
129902-77500	15	24 -2
129972-77341	15	21
129E00-13610	5	4 -1
158552-61900	11	72
158600-51410	10	26
158600-51420	10	28
158600-51570	10	45
158600-51790	10	71
171081-55910	13	35
171301-77201	15	2
194940-52110	15	24
194940-52111	15	24 -1
198360-52160	15	29
22190-100002	11	76
22190-120002	12	43
	13	22
	16	22
22190-160002	3	8
	10	72
	16	23
22217-120000	10	73
22242-000100	4	31
22252-000200	7	22
22351-030010	7	14
22351-050010	10	74
22351-060012	1	28
22372-040000	11	78
22512-040120	7	5
22857-500100	4	47
		48
23061-070230	9	33
23414-080000	9	13
	16	24

Parts No.	Fig. No.	Ref. No.
23418-060000	13	36
23876-005000	1	10
	4	11
23887-100002	11	80
24104-062010	15	6
24311-000180	2	7
	4	50
	16	25
24311-240100	13	10
		37
24341-000240	2	9
26014-080702	13	12
26022-050122	10	78
26106-060102	8	10
		13
	11	81
26106-060122	6	8
26106-060142	8	2
	11	82
26106-060162	2	10
26106-060202	4	51
	11	83
26106-060302	9	20
26106-060402	1	29
26106-060452	11	84
26106-060802	4	52
26106-080122	9	14
26106-080162	13	13
	15	23
26106-080202	9	23
26106-080352	2	4
26106-080452	2	5
	4	32
	9	15
26106-100252	14	22
26206-100252	3	4
26306-080002	5	6
26306-100002	15	19
26366-080002	11	68
26450-080252	1	35
26476-060202	4	49
26577-060122	9	10
26716-120002	10	81
26756-060002	11	85
26856-060002	4	30
27241-300000	1	11
27241-350000	4	12
27241-450000	1	12
719125-53100	12	1
719128-51330	10	1

Parts No.	Fig. No.	Ref. No.
X0280210331	14	20 A
X0280626010	14	20 K
X0280996180	14	20 C
X0281007680	14	20 B
X0282005871	14	20 D
X0283006960	14	20 E
X0284105040	14	20 F
X0284525010	14	20 H
X0285007030	14	20 J
X0285105190	14	20 M
X0285205030	14	20 N
X0286105010	14	20 P
X0286305010	14	20 R
X0286355010	14	20 S
X0287405140	14	20 T
X1280330020	14	20 U
X1289510130	14	20 V
X2534000090	14	20 W
X2A07073KA	15	4
X3A08877KA	15	12
X417878	15	9
X4284001590	14	20 X
X4A07023KB	15	5
X4A07403K01	15	15
X9055715000	14	20 Z
X9490065670	14	21 A
X9490138090	14	21 B
X9490138100	14	21 C
X9490138110	14	21 D
X9490423520	14	21 E
X9490560750	14	21 F
X9490562360	14	21 G
X9490721360	14	21 J
X9491034320	14	20 Q
X9491034330	14	20 G
X9491040990	14	20 L
X9491050100	14	20 Y
XM069000000	15	8
XM08137	15	3
XM219230000	15	17
XM329830000	15	7
XM67935	15	13
XM721740000	15	14
XM860250000	15	16
XM863720000	15	18
XYSPS400800	15	11
XYSPS402400	15	10