

0CW10-M84300EN

P R E F A C E

1. This parts catalog is the 1st edition of 3TNV82A-BDMH for Mobile Hydraulic Equipment.

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2. Model name

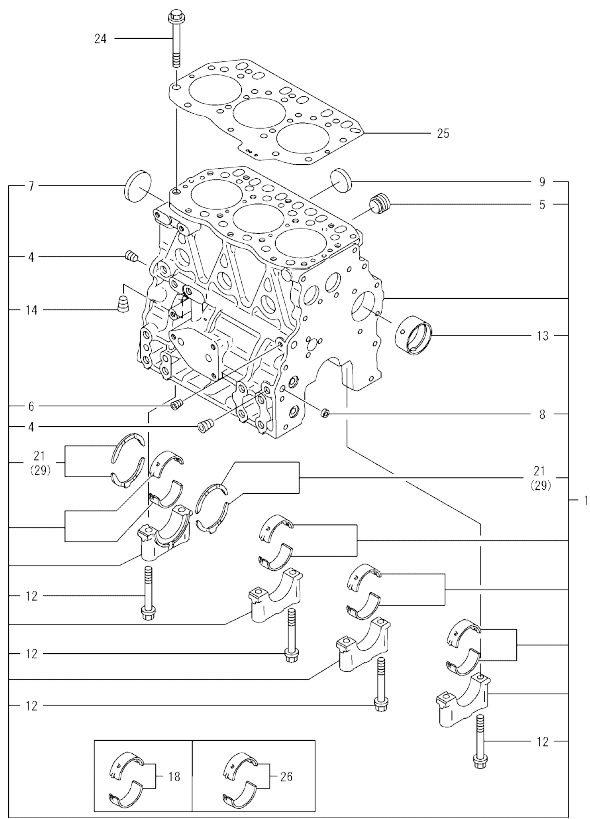
Engine model	Vehicle	Vehicle made by
3TNV82A-BDMH	Portable Power Unit	Mobile Hydraulic Equipment

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0CW10-M84300

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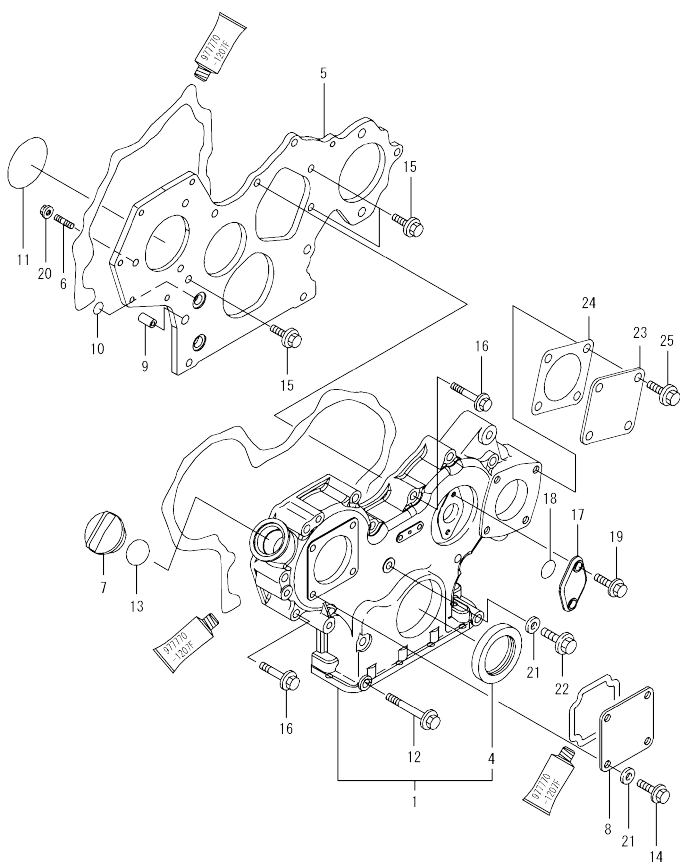
0CW10-M84300 3TNV82A-BDMH
Fig.1. CYLINDER BLOCK



Remarks
(1)Under sized(U.S.=0.25)part.
(2)Over sized(O.S.=0.25)part.
(3)Repair part.

							0CW10-M84300 Fig.1					
							(A)=3TNV82A-BDMH (B)= (C)=					
							(D)= (E)= (F)=					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	Q'ty	I	R
1	1	719802-01560	BLOCK ASSY, CYLINDER	1								
4	2	124160-01910	PLUG, PT1/4	2								
5	2	171051-01921	PLUG, NPTF1	1								
6	2	124060-01050	PLUG, PT1/8	1								
7	2	129001-01250	PLUG, 50	1								
8	2	27241-120000	PLUG, 12	2								
9	2	27241-300000	PLUG 30	6								
12	2	119620-02020	BOLT, METAL CAP	8								
13	2	129795-02412	BUSH, CAMSHAFT	1								
14	2	124160-01910	PLUG, PT1/4	1								
18	2	719810-02981	BEARING, MAIN	4								3
21	2	119810-02931	BEARING, THRUST	1								
24	1	119810-01200	BOLT, HEAD	14								
25	1	119812-01330	GASKET, HEAD	1								
26	1	119810-02871	BEARING, 0.25 US	4								1
29	1	119810-02941	BEARING, THRUST 0.25	2								2

Fig.2. GEAR HOUSING



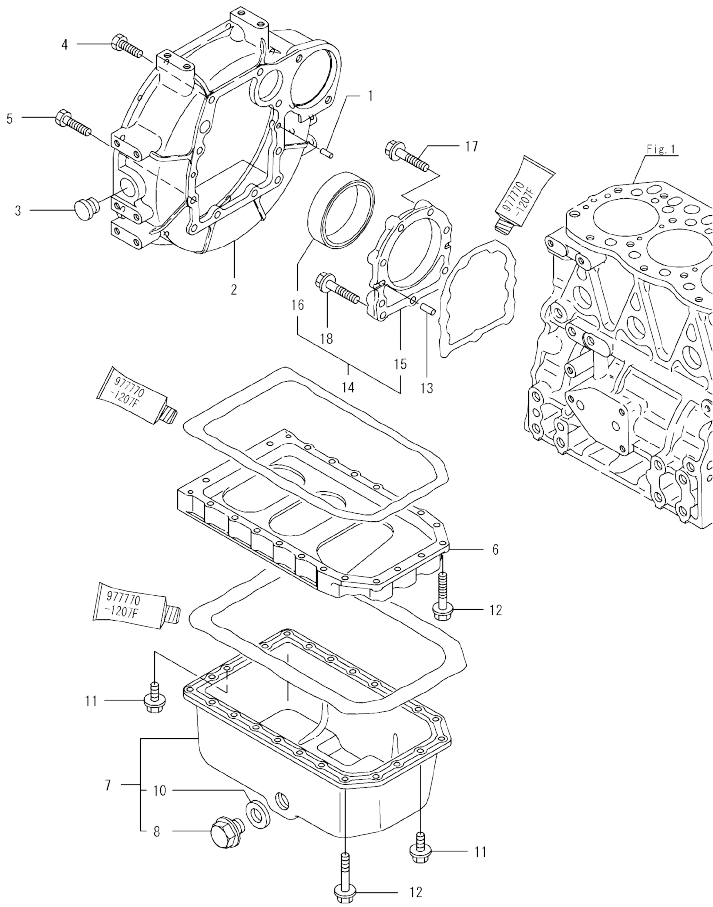
(D)=
(E)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729652-01500	CASE ASSY, GEAR	1							
4	2	119934-01800	SEAL, OIL	1							
5	1	129604-01520	FLANGE, GEAR CASE	1							
6	1	119802-01561	STUD, M8X25	3							
7	1	124160-01751	COVER, FILLER	1							
8	1	124240-01871	COVER	1							
9	1	129795-01950	PIPE, KNOCK L=18	2							
10	1	119609-32040	O-RING, P16	2							
11	1	121850-51960	O-RING	1							
12	1	26106-080852	BOLT, M8X 85 PLATED	3							
13	1	24311-000320	O-RING, 1AP32.0	1							
14	1	26106-080162	BOLT, M8X 16 PLATED	4							
15	1	26106-080162	BOLT, M8X 16 PLATED	3							
16	1	26106-080552	BOLT, M8X 55 PLATED	10							
17	1	121023-01551	COVER	1							
18	1	24341-000240	O-RING, 1AS24.0	1							
19	1	26106-060162	BOLT, M6X 16 PLATED	2							
20	1	26306-080002	NUT, M8	3							
21	1	22190-080002	WASHER, SEAL 6	5							
22	1	26106-080302	BOLT, M8X 30 PLATED	1							
23	1	124240-01871	COVER	1							
24	1	129C26-01890	GASKET, HO-P	1							
25	1	26106-080162	BOLT, M8X 16 PLATED	4							

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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0CW10-M84300 3TNV82A-BDMH

Fig.3. FLYWHEEL HOUSING & OIL SUMP



0CW10-M84300 Fig.3

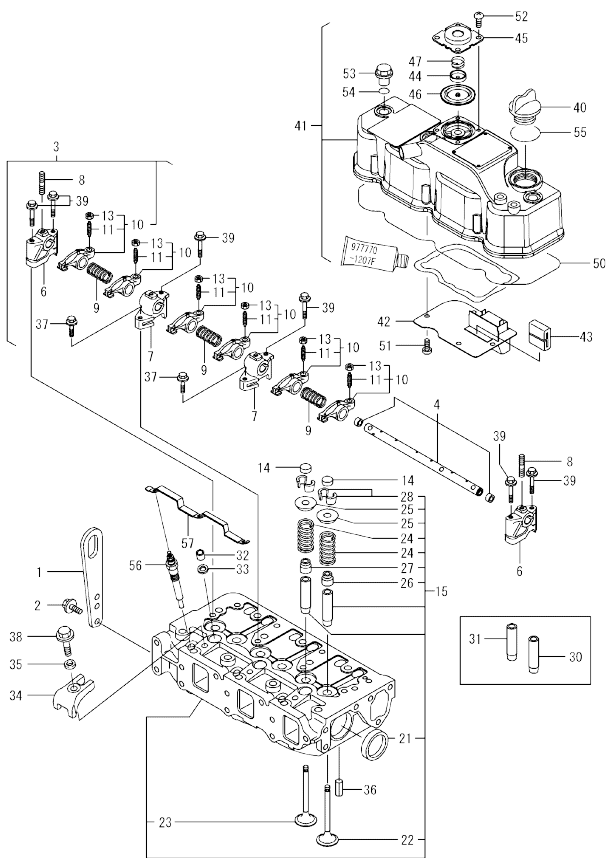
(A)=3TNV82A-BDMH
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2							
2	1	129612-01600	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	119810-01730	SPACER, OIL SUMP	1							
7	1	119810-01770	SUMP ASSY, OIL	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	6							
12	1	26106-080452	BOLT, M8X 45 PLATED	22							
13	1	129100-01580	PIN, M8X16	2							
14	1	129100-01640	CASE ASSY, OIL SEAL	1							
15	2	129150-01650	CASE, OIL SEAL	1							
16	2	129795-01780	SEAL, OIL	1							
17	1	129486-01670	BOLT, M8X30	6							
18	1	26106-080352	BOLT, M8X 35 PLATED	3							

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Fig.4. CYLINDER HEAD & BONNET



Remarks
(1) Repair part.

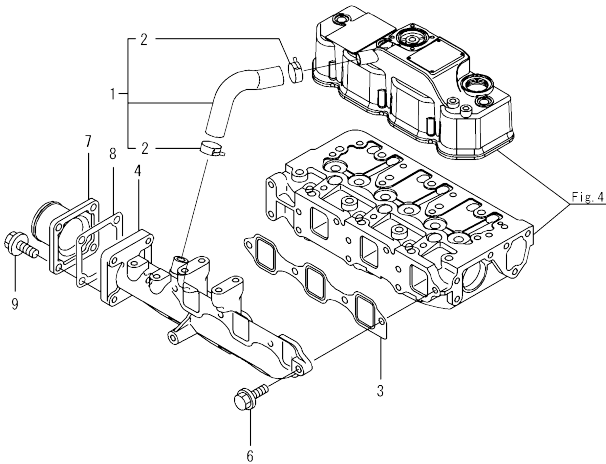
0CW10-M84300 Fig.4

(A)=3TNV82A-BDMH
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129900-07900	LIFTER	1							
2	1	26106-080162	BOLT, M8X 16 PLATED	2							
3	1	119802-11241	SHAFT ASSY, ROCKER	1							
4	2	119802-11251	SHAFT, ROCKER ARM	1							
6	2	119802-11260	SUPPORT, ROCKER ARM	2							
7	2	119802-11270	SUPPORT, ROCKER ARM	2							
8	2	119802-11280	STUD	3							
9	2	129150-11280	SPRING	3							
10	2	119802-11650	ARM, ROCKER	6							
11	3	129150-11230	SCREW, VALVE ADJUST	6							
13	3	129150-11750	NUT, M8	6							
14	1	104211-11370	CAP, VALVE	6							
15	1	119803-11700	HEAD ASSY, CYLINDER	1							
21	2	27241-400000	PLUG, 40	2							
22	2	119802-11100	VALVE, INTAKE	3							
23	2	119802-11110	VALVE, EXHAUST	3							
24	2	119810-11120	SPRING, VALVE	6							
25	2	104211-11180	RETAINER, SPRING	6							
26	2	124160-11340	SEAL, VALVE STEM	3							
27	2	119803-11340	SEAL, VALVE STEM	3							
28	2	27310-070001	COTTER, 7	6							
30	1	124060-11800	GUIDE, VALVE	3							1
31	1	119802-11810	GUIDE, VALVE	3							1
32	1	119802-11870	PROTECTOR, NOZZLE	3							
33	1	119625-11880	SEAT, NOZZLE	3							
34	1	119802-11900	RETAINER, NOZZLE	3							
35	1	120270-54410	WASHER, INJECTOR	3							
36	1	22351-060012	PIN, SPRING 6.0X12	2							
37	1	26106-080252	BOLT, M8X 25 PLATED	2							
38	1	26106-080452	BOLT, M8X 45 PLATED	3							
39	1	26106-080502	BOLT, M8X 50 PLATED	6							
40	1	124160-01751	COVER, FILLER	1							
41	1	119802-11350	BONNET ASSY, HEAD	1							
42	2	119802-03010	PLATE	1							
43	2	129150-03070	BAFFLE, BREATHER	1							
44	2	119802-03110	PLATE	1							
45	2	119802-03121	COVER, DIAPHRAGM	1							
46	2	119802-03130	DIAPHRAGM	1							
47	2	119802-03141	SPRING, DIAPHRAGM	1							
50	2	119802-11310	GASKET, BONNET	1							
51	2	22857-500100	SCREW, 5X10	4							
52	2	22857-500100	SCREW, 5X10	4							
53	1	124160-11360	KNOB	3							
54	1	24311-000120	O-RING, 1AP12.0	3							
55	1	24311-000320	O-RING, 1AP32.0	1							
56	1	129008-77800	PLUG, GLOW	3							
57	1	119803-77821	CONNECTOR, GLOW PLUG	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
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0CW10-M84300 3TNV82A-BDMH
Fig.5. SUCTION MANIFOLD



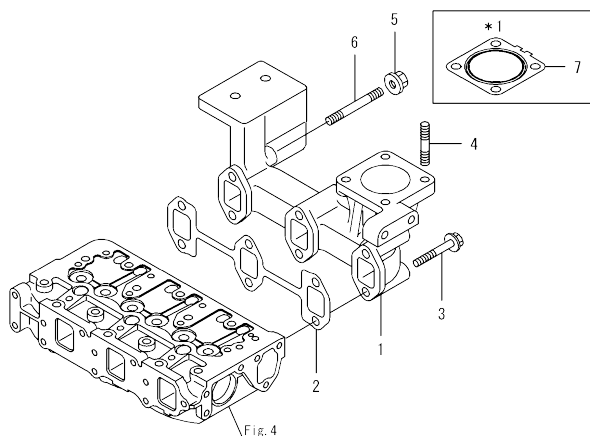
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				(B)=	(D)=						
				(C)=	(E)=						
					(F)=						
					Q'ty						
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119802-03090	PIPE , BREATHER	1							
2	2	129410-03990	CLIP	2							
3	1	119810-12112	GASKET, MANIFOLD	1							
4	1	119802-12130	MANIFOLD, AIR INTAKE	1							
6	1	26106-080252	BOLT, M8X 25 PLATED	4							
7	1	129486-12581	JOINT, MANIFOLD	1							
8	1	129150-77511	GASKET	1							
9	1	26106-080202	BOLT, M8X 20 PLATED	4							

Fig.6. EXHAUST MANIFOLD

(D)=
(E)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119802-13109	MANIFOLD, EXHAUST	1							
2	1	119810-13110	GASKET	1							
3	1	119802-13640	BOLT, M8X60 10.9T	4							
4	1	119131-18320	STUD, M8X22	4							
5	1	26306-080002	NUT, M8	2							
6	1	119802-13740	STUD, M8X60	2							
7	1	129004-13200	GASKET, SILENCER	1							

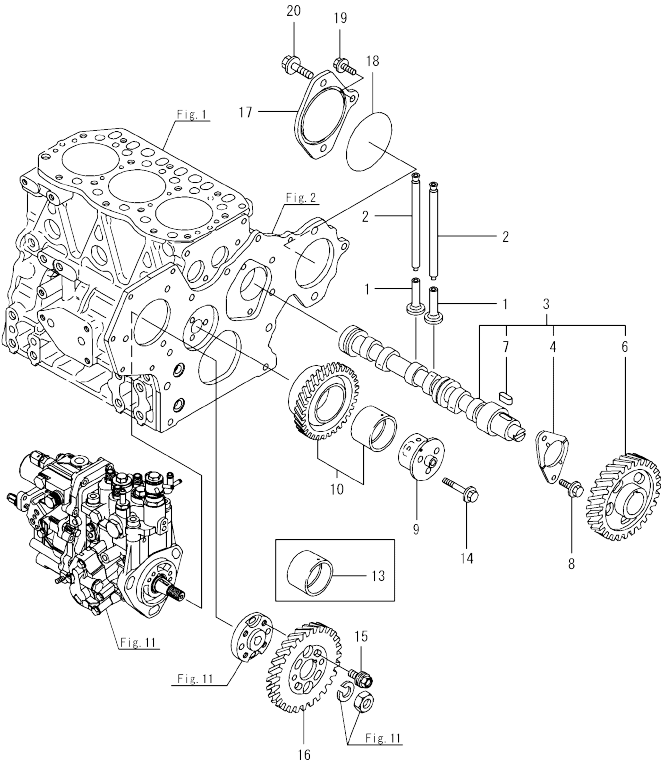


*1.Loose parts.

N:Old $\frac{\text{Yes}}{\text{No}}$ New. Q:Old $\frac{\text{No}}{\text{Yes}}$ New. R:Old $\frac{\text{Yes}}{\text{Yes}}$ New. S:Old $\frac{\text{No}}{\text{No}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

0CW10-M84300 3TNV82A-BDMH

Fig.7. CAMSHAFT & DRIVING GEAR



Remarks
(1)Repair part.

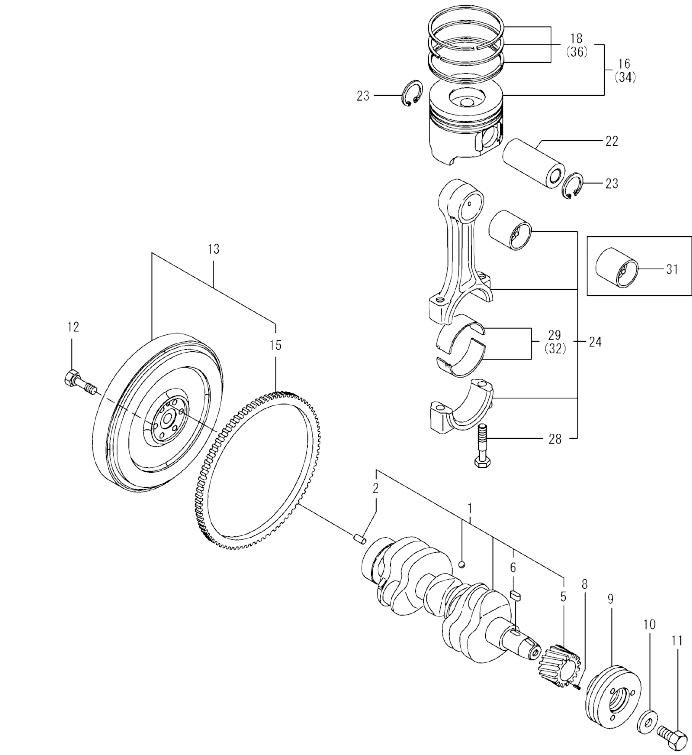
0CW10-M84300 Fig.7

(A)=3TNV82A-BDMH
(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	119810-14400	ROD, PUSH	6							
3	1	119802-14580	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	119802-25071	BUSH, IDLE GEAR	1							1
14	1	26106-080402	BOLT, M8X 40 PLATED	3							
15	1	129150-25301	BOLT	4							
16	1	119802-25901	GEAR, PUMP	1							
17	1	129430-26071	COVER	1							
18	1	24321-000800	O-RING, 1AG80.0	1							
19	1	26106-080252	BOLT, M8X 25 PLATED	1							
20	1	26106-100302	BOLT, M10X 30 PLATED	2							

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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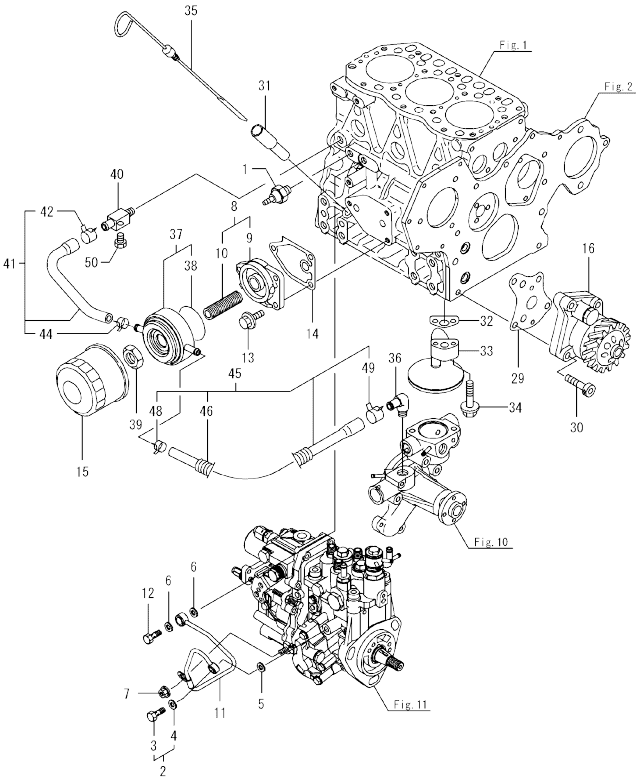
0CW10-M84300 3TNV82A-BDMH
Fig.8. CRANKSHAFT & PISTON



Remarks
(1)Repair part.
(2)Under sized(U.S.=0.25)part.
(3)Over sized(O.S.=0.25)part.

				0CW10-M84300		Fig.8					
				(A)=3TNV82A-BDMH		(D)=					
				(B)=		(E)=					
				(C)=		(F)=					
				Q'ty		I					
				(A)		(B)					
				(C)		(D)					
				(E)		(F)					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119803-21000	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
5	2	119803-21200	GEAR, CRANKSHAFT	1							
6	2	22512-070140	KEY, 7X 14	1							
8	1	22351-030010	PIN, SPRING 3.0X10	1							
9	1	119802-21650	V-PULLEY, 110	1							
10	1	129795-21661	WASHER	1							
11	1	121850-21680	BOLT	1							
12	1	121111-21501	BOLT, FLYWHEEL	6							
13	1	171420-21580	FLYWHEEL ASSY	1							
15	2	119865-21600	GEAR, RING	1							
16	1	119803-22080	PISTON ASSY	3							
18	2	119802-22500	RING SET, PISTON	3							
22	1	119813-22300	PIN, PISTON	3							
23	1	129792-22400	CIRCLIP, 23	6							
24	1	719810-23100	ROD ASSY, CONNECTING	3							
28	2	119810-23200	BOLT, CONNECTING ROD	6							
29	2	119810-23601	BEARING, CRANK PIN	3							
31	1	119810-23910	BEARING, PISTON PIN	3							1
32	1	119810-23611	BEARING, 0.25 US	3							2
34	1	719803-22900	PISTON ASSY, 0.25 OS	3							3
36	2	719802-22950	RING SET, 0.25 OS	3							3

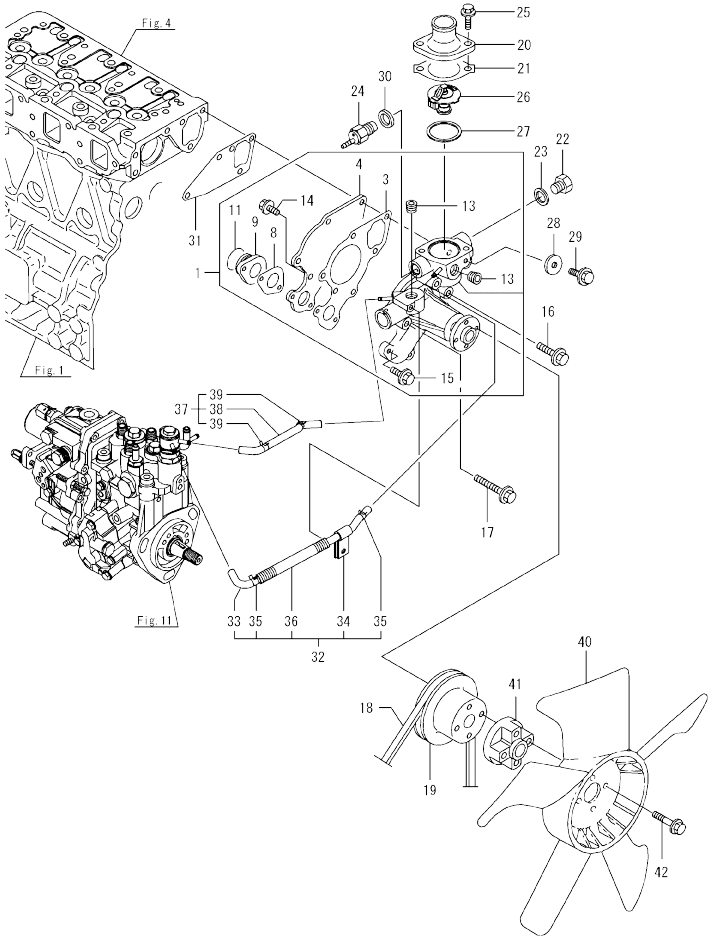
0CW10-M84300 3TNV82A-BDMH
Fig.9. LUB.OIL SYSTEM



Remarks
(1)Repair part.

										0CW10-M84300 Fig.9	
										(A)=3TNV82A-BDMH	
										(D)=	
										(E)=	
										(F)=	
										Q'ty	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	114250-39450	SWITCH, 0.5KG	1							
2	1	129005-59830	BOLT ASSY, JOINT M8	1							
3	2	23857-030000	BOLT, JOINT 3	1							
4	2	22190-080002	WASHER, SEAL 6	1							
5	1	22190-080002	WASHER, SEAL 6	1							
6	1	22190-100002	WASHER, SEAL 10	2							
7	1	26366-060002	NUT, M6	1							
8	1	129006-35100	BRACKET ASSY, FILTER	1							
9	2	119802-35110	BRACKET, FILTER	1							
10	2	129417-35150	STUD, L=67	1							
11	1	119802-39450	PIPE ASSY, OIL	1							
12	1	124160-39140	BOLT, PIPE JOINT M10	1							
13	1	26106-080202	BOLT, M8X 20 PLATED	3							
14	1	129150-35111	GASKET	1							
15	1	129150-35153	FILTER	1							1
16	1	129001-32001	PUMP ASSY, OIL	1							
29	1	129150-32020	GASKET, PUMP	1							
30	1	26450-060252	BOLT, M6X 25	4							
31	1	121520-34810	GUIDE, DIPSTICK	1							
32	1	129150-35042	GASKET	1							
33	1	119810-35300	PIPE ASSY, OIL INLET	1							
34	1	26106-080352	BOLT, M8X 35 PLATED	2							
35	1	119802-34802	DIPSTICK, OIL	1							
36	1	119944-49300	ELBOW, PT3/8	1							
37	1	129508-33010	COOLER ASSY, OIL	1							
38	2	129508-33050	O-RING	1							
39	1	129417-33111	NUT, OIL COOLER	1							
40	1	129006-44480	JOINT	1							
41	1	129508-49030	PIPE ASSY, WATER	1							
42	2	171008-03990	CLIP, HOSE 18.5	1							
44	2	23080-015000	CLAMP, 15	1							
45	1	129508-49040	PIPE ASSY, WATER	1							
46	2	119940-59130	TUBE, CORRUGATED	1							
48	2	23080-015000	CLAMP, 15	1							
49	2	171008-03990	CLIP, HOSE 18.5	1							
50	1	171056-49120	PLUG, DRAIN	1							

Fig.10. COOLING WATER SYSTEM



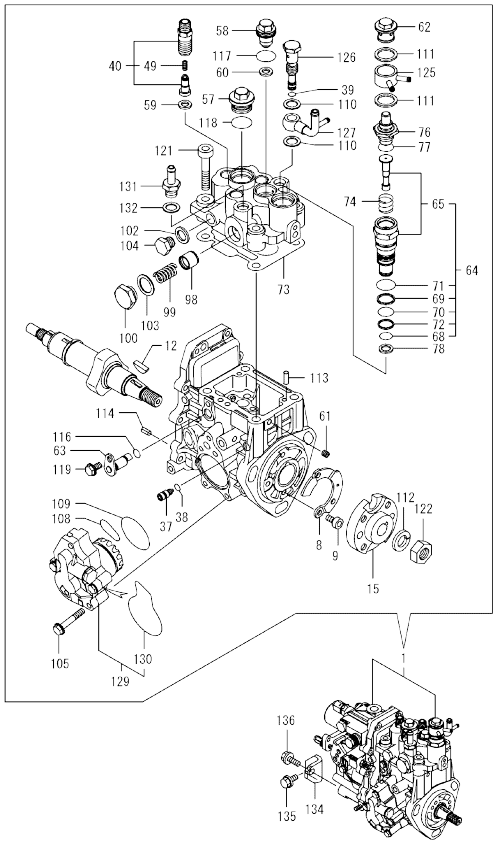
(A)=3TNV82A-BDMH
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119802-42001	PUMP ASSY, WATER	1							
3	2	119810-42051	GASKET, WATER PUMP	1							
4	2	119810-42120	PLATE	1							
8	2	119810-42281	GASKET, WATER PUMP	1							
9	2	119810-42290	PIPE	1							
11	2	129054-42320	O-RING	1							
13	2	23876-030000	PLUG, R03	2							
14	2	26106-060142	BOLT, M6X 14 PLATED	2							
15	2	26106-060202	BOLT, M6X 20 PLATED	2							
16	1	26106-080352	BOLT, M8X 35 PLATED	1							
17	1	26106-080552	BOLT, M8X 55 PLATED	3							
18	1	25132-003700	V-BELT, A37	1							
19	1	129403-42380	V-PULLEY, D=110	1							
20	1	129350-49530	COVER, THERMOSTAT	1							
21	1	129795-49551	GASKET	1							
22	1	121450-42450	PLUG, M16	1							
23	1	124465-44950	GASKET, 16	1							
24	1	121250-44901	SWITCH, 110	1							
25	1	26106-080222	BOLT, M8X 22 PLATED	2							
26	1	129155-49801	THERMOSTAT, 71	1							
27	1	129150-49811	GASKET, THERMOSTAT	1							
28	1	23414-080000	GASKET, 8X1.0	1							
29	1	26106-080122	BOLT, M8X 12 PLATED	1							
30	1	124465-44950	GASKET, 16	1							
31	1	129486-42050	GASKET, WATER PUMP	1							
32	1	119802-49610	PIPE ASSY, WATER	1							
33	2	119802-49711	PIPE ASSY, WATER	1							
34	2	119802-49730	RETAINER, PIPE	1							
35	2	124722-59050	CLIP, HOSE 9	2							
36	2	119802-59320	TUBE, CORRUGATED	1							
37	1	119802-49620	PIPE ASSY, WATER	1							
38	2	119802-49721	PIPE ASSY, WATER	1							
39	2	124722-59050	CLIP, HOSE 9	2							
40	1	129335-44740	FAN, COOLING D335	1							
41	1	121267-44760	SPACER	1							
42	1	26106-060302	BOLT, M6X 30 PLATED	4							

0CW10-M84300 3TNV82A-BDMH

Fig.11. FUEL INJECTION PUMP



Remarks
(1)Governor(Fig.12)is incorporated in this Fuel Injection Pump (Ref.1).

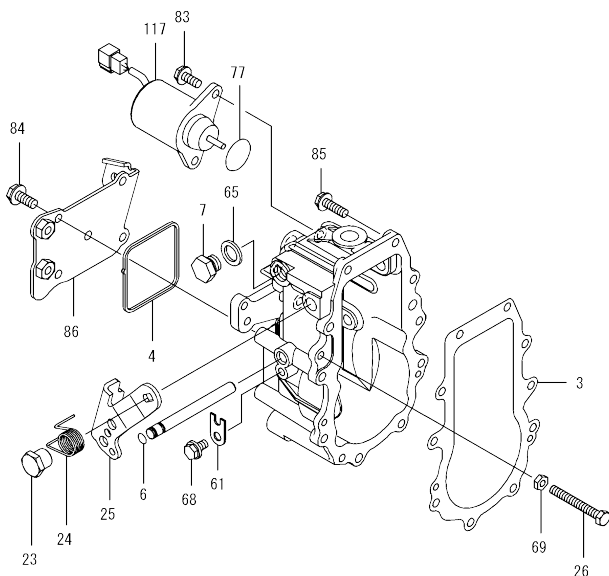
0CW10-M84300 Fig.11

(A)=3TNV82A-BDMH
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719933-51301	PUMP ASSY, INJECTION	1							1
8	4	129008-51900	COVER, GEAR CASE	1							
9	4	129008-51920	BOLT, M6X10	2							
12	2	119802-51090	KEY, 4X16	1							
15	2	158552-51151	FLANGE	1							
37	2	158600-51270	STOPPER, TAPPET	1							
38	2	158563-51281	O-RING, 4D S6	1							
39	2	158563-51281	O-RING, 4D S6	1							
40	2	129008-51390	VALVE ASSY, DELIVERY	3							
49	3	158563-51330	SPRING, DELIVERY	3							
57	2	158601-51550	PLUG	1							
58	2	119802-51560	PLUG, BARREL	1							
59	2	158552-51571	GASKET	3							
60	2	158552-51571	GASKET	1							
61	2	158557-51570	PLUG	1							
62	2	158601-51570	PLUG	1							
63	2	158552-51580	LIFTER	1							
64	2	119802-51590	TIMER SET	1							
65	3	119802-51600	TIMER ASSY	1							
68	3	158553-51670	O-RING, 1011	1							
69	3	119802-51680	RING, BACK UP	1							
70	3	119802-51690	O-RING	1							
71	3	24356-190200	O-RING, 4D19020	1							
72	3	24372-000150	RING, BACK UP T2P15	1							
73	2	158552-51600	GASKET	1							
74	2	158553-51630	SPRING, TIMER	1							
76	2	158553-51650	ELEMENT	1							
77	2	158553-51660	O-RING, P14	1							
78	2	158553-51680	GASKET	1							
98	2	158601-51770	PISTON	1							
99	2	158552-51781	SPRING	1							
100	2	158601-51790	PLUG	1							
102	2	22190-120002	WASHER, SEAL 12	1							
103	2	22190-180002	WASHER, SEAL 18	1							
104	2	158553-51930	PLUG, M12	1							
105	2	158553-51770	BOLT	4							
108	2	158552-52311	O-RING	1							
109	2	158552-52400	O-RING, 4E S42	1							
110	2	22190-120002	WASHER, SEAL 12	2							
111	2	22190-180002	WASHER, SEAL 18	2							
112	2	22217-140000	WASHER, SPRING 14	1							
113	2	22312-050140	PIN, PARALLEL M5X14	2							
114	2	22351-050010	PIN, SPRING 5.0X10	2							
116	2	24311-000070	O-RING, 1AP7.0	1							
117	2	24356-190180	O-RING, 4D19018	1							
118	2	24356-190200	O-RING, 4D19020	1							
119	2	26106-060102	BOLT, M6X 10 PLATED	1							
121	2	26450-080452	BOLT, M8X 45	4							
122	2	26776-140002	NUT, LOCK M14	1							
125	2	158553-51551	JOINT	1							
126	2	158601-51650	JOINT, OVER FLOW	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
++ CONTINUE ++
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				(A)=3TNV82A-BDMH (B)= (C)=	(D)= (E)= (F)=	Q'ty		I	R
No.	Lev.	Parts No.	Description	(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					
23	2	129255-61410	NUT, LOCK	1					
24	2	119807-61420	SPRING, RETURN	1					
25	2	158552-61441	LEVER, REGULATOR	1					
26	2	129155-61460	BOLT, IDLE	1					
61	2	119660-61901	RETAINER, SHAFT	1					
65	2	22190-120002	WASHER, SEAL 12	1					
68	2	26106-060102	BOLT, M6X 10 PLATED	1					
69	2	26756-060002	NUT, LOCK M6	1					
77	2	158552-61900	O-RING	1					
83	2	26106-060142	BOLT, M6X 14 PLATED	2					
84	2	26106-060142	BOLT, M6X 14 PLATED	4					
85	2	26106-060202	BOLT, M6X 20 PLATED	10					
86	2	158552-61061	COVER, GOVERNOR CASE	1					
117	2	119653-77950	SOLENOID, STOP	1					

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

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:Qty Change

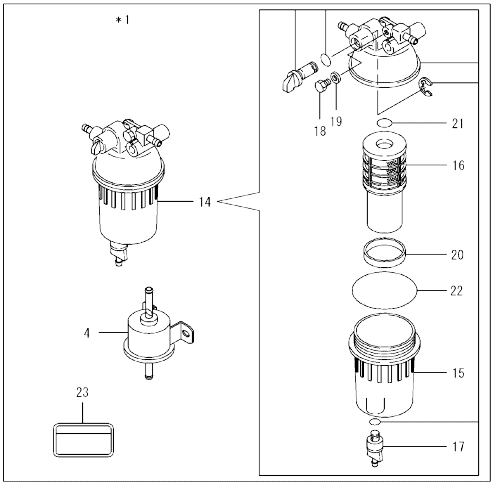
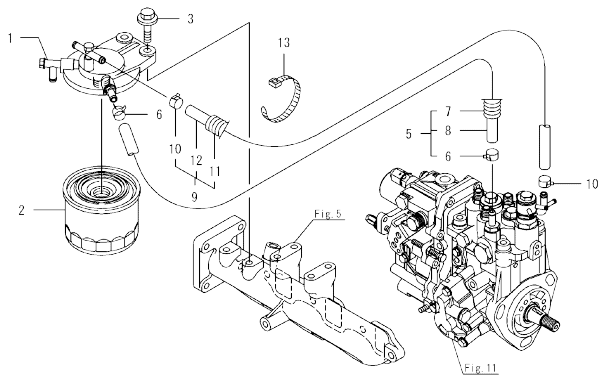
Fig.13. FUEL INJECTION VALVE

(A)=3TNV82A-BDMH
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729008-53100	VALVE ASSY,INJECTION	3							
2	2	129008-53000	VALVE ASSY,INJECTION	3							
5	2	114250-53080	NUT, NOZZLE D16.95	3							
11	2	114250-53120	SPRING, NOZZLE	3							
12	2	114250-53130	SEAT, SPRING	3							
13	2	114250-53140	PLATE	3							
14	2	114250-53210	PIN	6							
15	2	119803-53400	SHIM SET	3							
42	1	119305-59120	RETAINER, PIPE	1							
45	2	129150-59131	BOLT, M4X14	1							
46	1	129150-59120	RETAINER, PIPE	1							
49	2	129150-59131	BOLT, M4X14	2							
51	1	119802-59960	PIPE ASSY, INJECTION	1							
52	1	119802-59970	PIPE ASSY, INJECTION	1							
53	1	119802-59980	PIPE ASSY, INJECTION	1							
55	1	119593-59581	CAP	1							
56	1	124060-77680	CLIP, HOSE 10	1							
57	1	119802-59550	PIPE ASSY, RETURN	1							
58	2	124722-59050	CLIP, HOSE 9	2							
59	2	119802-59560	PIPE, FUEL RETURN	1							
60	1	129486-59551	PIPE ASSY, RETURN	2							
61	2	124722-59050	CLIP, HOSE 9	4							

Fig.14. FUEL LINE



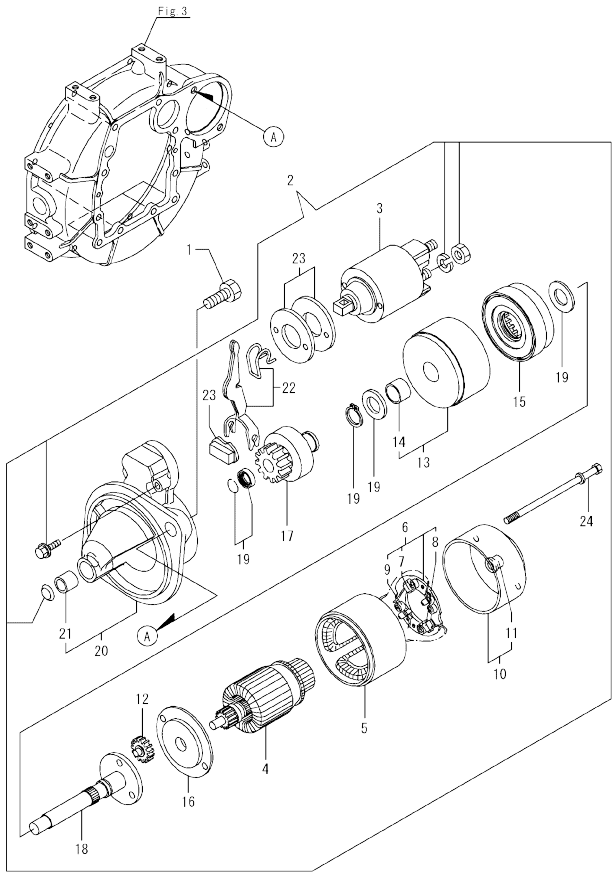
Remarks
*1.Loose parts.

(A)=3TNV82A-BDMH
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-55612	BRACKET, FILTER	1							
2	1	119802-55801	FILTER, FUEL	1							
3	1	26106-080302	BOLT, M8X 30 PLATED	2							
4	1	119225-52102	PUMP ASSY, FUEL FEED	1							
5	1	129044-59010	PIPE, D13/7.5X220	1							
6	2	124766-59050	CLIP, HOSE 12	2							
7	2	129044-59100	TUBE, CORRUGATED	1							
8	2	129044-59510	PIPE, FUEL 220	1							
9	1	129630-59010	PIPE ASSY, FUEL	1							
10	2	124766-59050	CLIP, HOSE 12	2							
11	2	129961-59110	TUBE, CORRUGATED	1							
12	2	105025-59560	PIPE, FUEL	1							
13	1	121750-59890	BAND, 140	1							
14	1	129242-55701	SEPARATOR ASSY	1							
15	2	129242-55720	CUP	1							
16	2	129242-55730	ELEMENT	1							
17	2	129242-55740	PLUG, DRAIN	1							
18	2	129242-55750	VALVE, AIR VENT	1							
19	2	129242-55760	GASKET	1							
20	2	129242-55770	FLOAT	1							
21	2	24311-000160	O-RING, 1AP16.0	1							
22	2	24321-000750	O-RING, 1AG75.0	1							
23	1	114110-07761	LABEL, FUEL OIL CAUT	1							

0CW10-M84300 3TNV82A-BDMH
Fig.15. STARTING MOTOR



0CW10-M84300 Fig.15

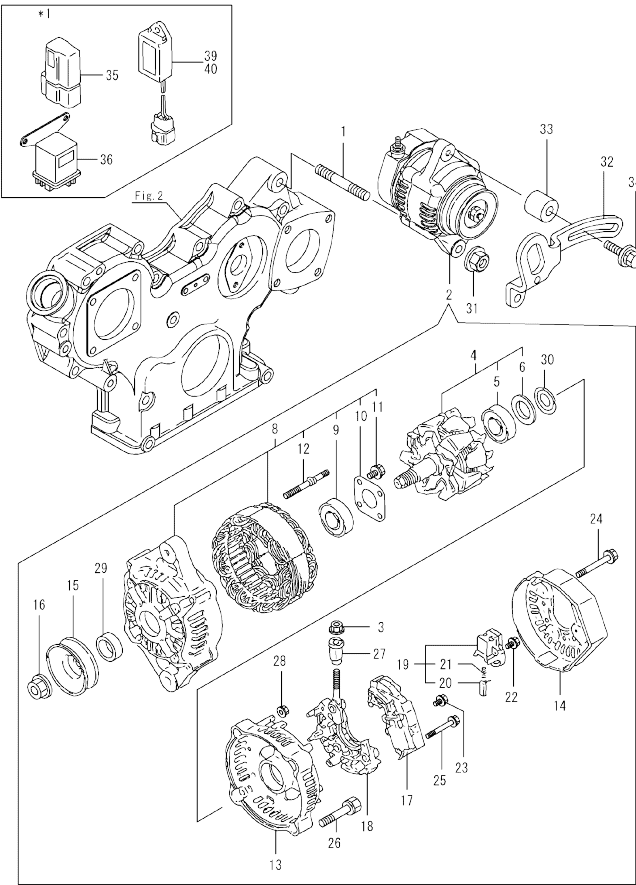
(A)=3TNV82A-BDMH
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26116-120202	BOLT, M12X 20 PLATED	2							
2	1	129242-77010	STARTER	1							
3	2	129698-77020	SWITCH ASSY	1							
4	2	129242-77100	ARMATURE ASSY	1							
5	2	129242-77110	YOKE ASSY	1							
6	2	129242-77120	HOLDER ASSY, BRUSH	1							
7	3	129242-77130	BRUSH	2							
8	3	129242-77140	BRUSH SET	1							
9	3	129242-77150	SPRING	4							
10	2	129242-77160	COVER ASSY	1							
11	3	129242-77170	METAL	1							
12	2	118400-77170	GEAR	3							
13	2	129242-77180	BRACKET	1							
14	3	129698-77190	BRACKET	1							
15	2	129698-77200	GEAR, INTERNAL	1							
16	2	129242-77210	BRACKET	1							
17	2	129698-77220	PINION ASSY	1							
18	2	129698-77230	SHAFT	1							
19	2	129698-77250	WASHER SET	1							
20	2	129242-77260	CASE ASSY	1							
21	3	X2114535200	METAL, STARTER	1							
22	2	129242-77270	LEVER SET	1							
23	2	129242-77280	COVER ASSY, DUST	1							
24	2	124195-77770	BOLT, THROUGH	2							

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.16. GENERATOR



Remarks
*1.Loose parts.

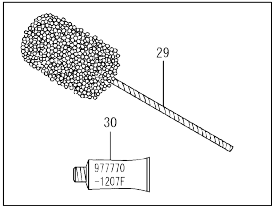
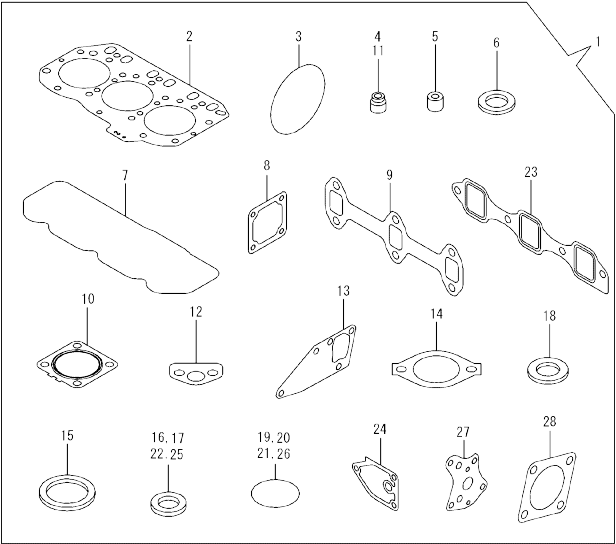
(A)=3TNV82A-BDMH
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129795-01900	STUD	1							
2	1	129423-77200	GENERATOR, 12V-40A	1							
3	2	X9490561001	NUT	1							
4	2	119620-77380	ROTOR ASSY	1							
5	3	123501-79240	BEARING, BALL	1							
6	3	119620-79250	COVER	1							
8	2	119620-77421	FRAME ASSY, DRIVE	1							
9	3	119620-79200	BEARING, BALL	1							
10	3	119620-79210	PLATE, RETAINER	1							
11	3	119620-79220	SCREW	4							
12	3	119620-79230	STUD	2							
13	2	119620-77440	FRAME ASSY	1							
14	2	129240-79300	COVER	1							
15	2	119620-77461	PULLEY	1							
16	2	119620-77471	NUT	1							
17	2	129423-77710	REGULATOR ASSY	1							
18	2	119620-79260	HOLDER	1							
19	2	129052-79270	HOLDER, BRUSH	1							
20	3	119620-77480	BRUSH ASSY	2							
21	3	119620-79280	SPRING	2							
22	2	119620-79290	SCREW	1							
23	2	119620-79300	SCREW	1							
24	2	119620-79310	BOLT	3							
25	2	119620-79320	SCREW	2							
26	2	119620-79330	BOLT	2							
27	2	119620-79340	BUSH, INSULATION	1							
28	2	119620-79350	NUT	2							
29	2	119620-77490	COLLAR	1							
30	2	119620-79360	WASHER, THRUST	1							
31	1	26306-100002	NUT, M10	1							
32	1	119808-77330	ADJUSTER	1							
33	1	124732-77340	SPACER	1							
34	1	129972-77341	BOLT, ADJUSTER L=50	1							
35	1	119643-66900	DIODE	1							
36	1	119650-77911	RELAY ASSY, GLOW	1							
39	1	128300-77920	TIMER	1							
40	1	129211-77920	TIMER	1							

0CW10-M84300 3TNV82A-BDMH

Fig.17. GASKET SET & TOOLS



Remarks
(1)Optional parts.

0CW10-M84300 Fig.17

(A)=3TNV82A-BDMH
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719823-92950	GASKET SET	1							1
2	2	119812-01330	GASKET, HEAD	1							
3	2	121850-51960	O-RING	1							
4	2	119803-11340	SEAL, VALVE STEM	3							
5	2	119802-11870	PROTECTOR, NOZZLE	3							
6	2	119625-11880	SEAT, NOZZLE	3							
7	2	119802-11310	GASKET, BONNET	1							
8	2	129150-77511	GASKET	1							
9	2	119810-13110	GASKET	1							
10	2	129004-13200	GASKET, SILENCER	1							
11	2	124160-11340	SEAL, VALVE STEM	3							
12	2	129150-35042	GASKET	1							
13	2	129486-42050	GASKET, WATER PUMP	1							
14	2	129795-49551	GASKET	1							
15	2	129150-49811	GASKET, THERMOSTAT	1							
16	2	23414-080000	GASKET, 8X1.0	1							
17	2	22190-080002	WASHER, SEAL 6	8							
18	2	124465-44950	GASKET, 16	2							
19	2	24311-000120	O-RING, 1AP12.0	3							
20	2	24311-000320	O-RING, 1AP32.0	2							
21	2	24341-000240	O-RING, 1AS24.0	1							
22	2	22190-100002	WASHER, SEAL 10	2							
23	2	119810-12112	GASKET, MANIFOLD	1							
24	2	129150-35111	GASKET	1							
25	2	22190-220002	WASHER, SEAL 22	1							
26	2	119609-32040	O-RING, P16	2							
27	2	129150-32020	GASKET, PUMP	1							
28	2	124240-01883	GASKET	1							
29	1	129400-92420	HONE	1							1
30	1	977770-1207F	GASKET,LIQUID	1							1

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{YES}{NO}$ New, R:Old $\frac{YES}{NO}$ New, S:Old $\frac{YES}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Parts No. Index

Parts No.	Fig. No.	Ref. No.
104211-11180	4	25
104211-11370	4	14
105025-59560	14	12
114110-07761	14	23
114250-39450	9	1
114250-53080	13	5
114250-53120	13	11
114250-53130	13	12
114250-53140	13	13
114250-53210	13	14
118400-77170	15	12
119131-18320	6	4
119225-52102	14	4
119305-59120	13	42
119593-59581	13	55
119609-32040	2	10
	17	26
119620-01750	3	3
119620-02020	1	12
119620-77380	16	4
119620-77421	16	8
119620-77440	16	13
119620-77461	16	15
119620-77471	16	16
119620-77480	16	20
119620-77490	16	29
119620-79200	16	9
119620-79210	16	10
119620-79220	16	11
119620-79230	16	12
119620-79250	16	6
119620-79260	16	18
119620-79280	16	21
119620-79290	16	22
119620-79300	16	23
119620-79310	16	24
119620-79320	16	25
119620-79330	16	26
119620-79340	16	27
119620-79350	16	28
119620-79360	16	30
119625-11880	4	33
	17	6
119640-01640	3	8
119643-66900	16	35
119650-77911	16	36
119653-77950	12	117
119660-61901	12	61
119802-01561	2	6
119802-03010	4	42

Parts No.	Fig. No.	Ref. No.
119802-03090	5	1
119802-03110	4	44
119802-03121	4	45
119802-03130	4	46
119802-03141	4	47
119802-11100	4	22
119802-11110	4	23
119802-11241	4	3
119802-11251	4	4
119802-11260	4	6
119802-11270	4	7
119802-11280	4	8
119802-11310	4	50
	17	7
119802-11350	4	41
119802-11650	4	10
119802-11810	4	31
119802-11870	4	32
	17	5
119802-11900	4	34
119802-12130	5	4
119802-13109	6	1
119802-13640	6	3
119802-13740	6	6
119802-14580	7	3
119802-21650	8	9
119802-22500	8	18
119802-25071	7	13
119802-25101	7	10
119802-25901	7	16
119802-34802	9	35
119802-35110	9	9
119802-39450	9	11
119802-42001	10	1
119802-49610	10	32
119802-49620	10	37
119802-49711	10	33
119802-49721	10	38
119802-49730	10	34
119802-51090	11	12
119802-51250	11	134
119802-51560	11	58
119802-51590	11	64
119802-51600	11	65
119802-51680	11	69
119802-51690	11	70
119802-55801	14	2
119802-59320	10	36
119802-59550	13	57
119802-59560	13	59

Parts No.	Fig. No.	Ref. No.
119802-59960	13	51
119802-59970	13	52
119802-59980	13	53
119803-11340	4	27
	17	4
119803-11700	4	15
119803-21000	8	1
119803-21200	8	5
119803-22080	8	16
119803-25050	7	9
119803-53400	13	15
119803-77821	4	57
119807-61420	12	24
119808-77330	16	32
119810-01200	1	24
119810-01730	3	6
119810-01770	3	7
119810-02871	1	26
119810-02931	1	21
119810-02941	1	29
119810-11120	4	24
119810-12112	5	3
	17	23
119810-13110	6	2
	17	9
119810-14400	7	2
119810-23200	8	28
119810-23601	8	29
119810-23611	8	32
119810-23910	8	31
119810-35300	9	33
119810-42051	10	3
119810-42120	10	4
119810-42281	10	8
119810-42290	10	9
119812-01330	1	25
	17	2
119813-22300	8	22
119865-21600	8	15
119934-01800	2	4
119934-59910	11	131
119940-59130	9	46
119944-49300	9	36
120270-54410	4	35
121023-01551	2	17
121111-21501	8	12
121250-44901	10	24
121267-44760	10	41
121450-42450	10	22
121520-34810	9	31

Parts No.	Fig. No.	Ref. No.
121750-59890	14	13
121850-21680	8	11
121850-51960	2	11
	17	3
123501-79240	16	5
124060-01050	1	6
124060-11800	4	30
124060-77680	13	56
124160-01751	2	7
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