

0CW10-M57500EN

P R E F A C E

1. This parts catalog is the 1st edition of 3TNV82A-BDCB for CUB CADET.

Pub.No. : 0CW10-G57500

Published : November, 2009

2. Model name

Engine model	Vehicle	Vehicle made by
3TNV82A-BDCB	MOWER	CUB CADET

Directions for the Parts Catalog.

1. This Parts Catalog shows both standard and optional parts.
2. Parts may change without prior notice.
3. The following is an example of the Parts Catalog format.

OCF10-G21601 29. FUEL INJECTION PUMP(W/BOOST)									
REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)
1	1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1	
1-1	1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1	N
		(A=E00185) (B=E00200)							
3	2	26022-060162	SCREW M 6X 16	9	9	9	9	9	
3-1	2	26022-060162	SCREW M 6X 16	4	4	4	4	4	K
		(A=E00156) (B=E00156) (C=E00156) (D=E00156) (E=E00156)							
4	2	129470-51040	CAMSHAFT	1	1	1	1	1	
5	2	122710-51050	BEARING, ROLLER	2	2	2	2	2	
6	2	129470-51060	RETAINER	1	1	1	1	1	

Remarks

(1) BOOST COMPENSATOR TYPE. OPTIONAL PART, TO E00155,(4JH-DT, 4JH-DTZ

① Ref. No.

The Ref. No. listed may not be in accordance with the illustration Ref. No.

(Ex.) Illustration No.

List Ref No.

1 1 (Before change) → 1-1 (After change)

For interchangeable symbols N, R and K, illustrations for new parts may be abbreviated.

② Lev. (Level)

Level indication

The numbers below indicate the level of relativity towards the main part.

1 ---- Main parts (Assembly parts)

2 ---- Sub component included in " 1 ".

3 ---- Sub component included in " 2 ".

Note) Parts that are not for sale are partially illustrated but not listed.

③ Interchangeability Symbol

When a part change takes place, one of the following interchangeability symbols is indicated beside the part.

Symbol	Interchangeability	Contents note
N	Old $\xrightarrow{\text{Yes}}$ New No	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\xrightarrow{\text{No}}$ New Yes	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\xrightarrow{\text{Yes}}$ New Yes	New/ Old Parts are both interchangeable.
S	Old $\xrightarrow{\text{No}}$ New No	New/ Old Parts are both not interchangeable.
W		Part newly added.
Z		Part discontinued.
F		Not interchangeable by a single part but interchangeable together with related parts.
K		Changes only for used parts quantities.

④ Effective Machine No.

When a part changes, the effective Machine No. will be indicated in the (A)-(F) column.

Product Symbol	Product No.	Product Symbol	Product No.
C	Clutch No. Compressor No.	F	Machine No. (Agricultural Equip.)
D	Drive No.	M	Machine No.
E	Engine No.		

Note 1) A date may follow the symbol. (Ex.) 1996.01

Note 2) "XXXXX" and "ZZZZZ" are for parts that could not be predicted or for engine models that could not be identified.

Note 3) (A=E00185) is the E (Engine Serial Number) for the column (A) model (in this case 4JH-DT) after the parts design change.

⑤ Remarks

Figures or alphabets (symbols) are entered in the remarks column.

The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

Contents

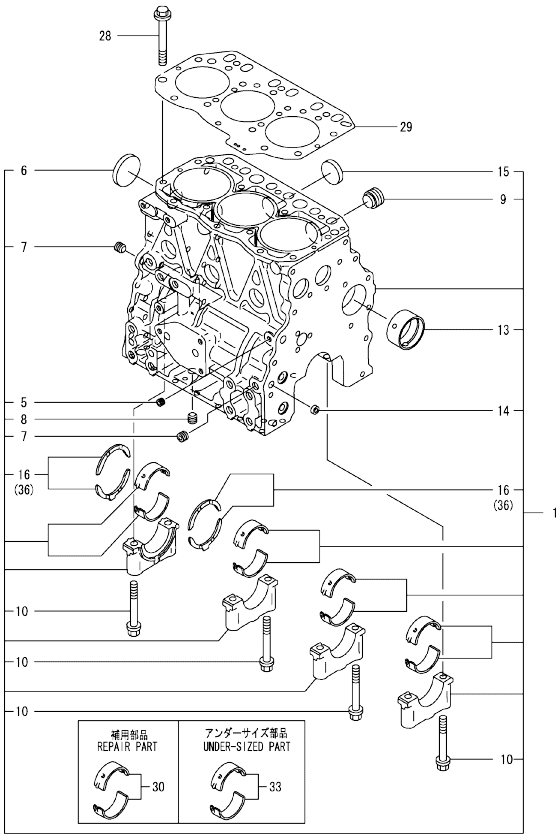
0CW10-M57500

Fig. No. Fig. Name
ENGINE SECTION(3TNV82A-BDCB)]

- 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. HYDRAULIC PUMP
- 9. CRANKSHAFT & PISTON
- 10. LUB.OIL SYSTEM
- 11. COOLING WATER SYSTEM
- 12. FUEL INJECTION PUMP
- 13. GOVERNOR
- 14. FUEL INJECTION VALVE
- 15. STARTING MOTOR
- 16. GENERATOR
- 17. GASKET SET

Fig. No. Fig. Name

Fig.1. CYLINDER BLOCK

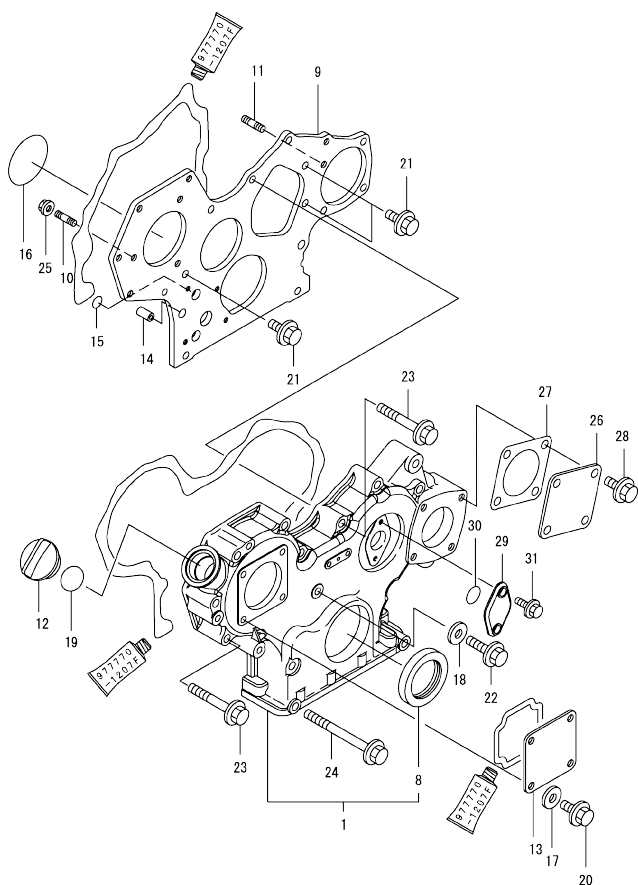


(A)=3TNV82A-BDCB
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719802-01560	BLOCK ASSY, CYLINDER	1							
5	2	124060-01050	PLUG, PT1/8	1							
6	2	129001-01250	PLUG, 50	1							
7	2	124160-01910	PLUG, PT1/4	2							
8	2	124160-01910	PLUG, PT1/4	1							
9	2	171051-01921	PLUG, NPTF1	1							
10	2	119620-02020	BOLT, METAL CAP	8							
13	2	129795-02412	BUSH, CAMSHAFT	1							
14	2	27241-120000	PLUG, 12	2							
15	2	27241-300000	PLUG 30	6							
16	2	119717-02930	BEARING, THRUST	2							
28	1	119810-01200	BOLT, HEAD	14							
29	1	119812-01330	GASKET, HEAD	1							
30	1	719810-02981	BEARING, MAIN	4							1
33	1	119810-02871	BEARING, 0.25 US	4							2
36	1	119810-02941	BEARING, THRUST 0.25	2							3

Remarks
(1) REPAIR PART.
(2) UNDER-SIZED (U.S.=0.25) PART.
(3) OVER-SIZED (O.S.=0.25) PART.



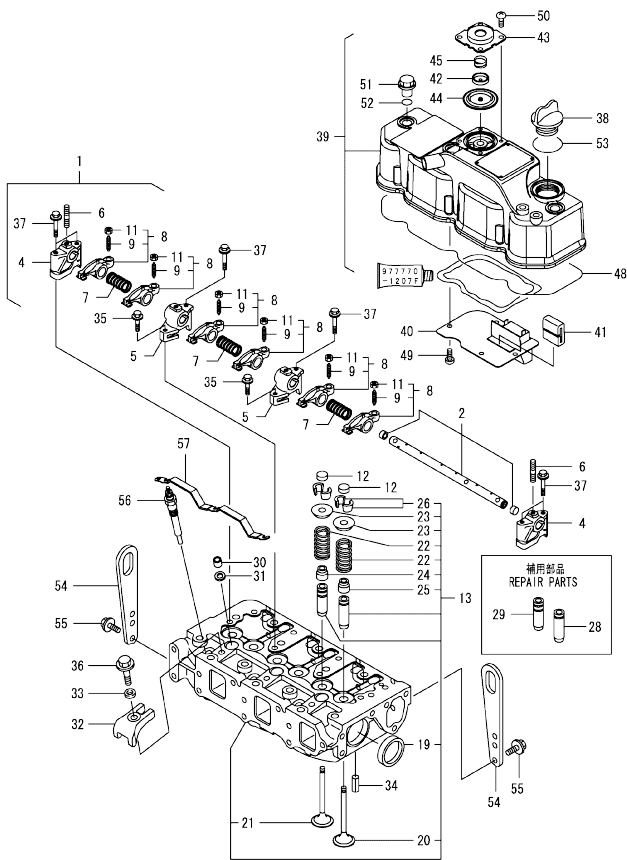
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729008-01500	CASE ASSY, GEAR	1							
8	2	119934-01800	SEAL, OIL	1							
9	1	129008-01520	FLANGE, GEAR CASE	1							
10	1	119802-01561	STUD, M8X25	3							
11	1	129150-01580	STUD, M8X30	1							
12	1	124160-01751	COVER, FILLER	1							
13	1	124240-01871	COVER	1							
14	1	129795-01950	PIPE, KNOCK L=18	2							
15	1	119609-32040	O-RING, P16	2							
16	1	121850-51960	O-RING	1							
17	1	22190-080002	WASHER, SEAL 6	4							
18	1	22190-080002	WASHER, SEAL 6	1							
19	1	24311-000320	O-RING, 1AP32.0	1							
20	1	26106-080162	BOLT, M8X 16 PLATED	4							
21	1	26106-080162	BOLT, M8X 16 PLATED	3							
22	1	26106-080302	BOLT, M8X 30 PLATED	1							
23	1	26106-080552	BOLT, M8X 55 PLATED	10							
24	1	26106-080852	BOLT, M8X 85 PLATED	3							
25	1	26306-080002	NUT, M8	3							
26	1	124240-01871	COVER	1							
27	1	124240-01883	GASKET	1							
28	1	26106-080162	BOLT, M8X 16 PLATED	4							
29	1	121023-01551	COVER	1							
30	1	24341-000240	O-RING, 1AS24.0	1							
31	1	26106-060162	BOLT, M6X 16 PLATED	2							



N:Old $\xrightarrow[\text{no}]{\text{yes}}$ New, Q:Old $\xrightarrow[\text{yes}]{\text{no}}$ New, R:Old $\xrightarrow[\text{yes}]{\text{no}}$ New, S:Old $\xrightarrow[\text{no}]{\text{yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

Fig.4. CYLINDER HEAD & BONNET



Remarks
(1) REPAIR PART.

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119802-11241	SHAFT ASSY, ROCKER	1							
2	2	119802-11251	SHAFT, ROCKER ARM	1							
4	2	119802-11260	SUPPORT, ROCKER ARM	2							
5	2	119802-11270	SUPPORT, ROCKER ARM	2							
6	2	119802-11280	STUD	3							
7	2	129150-11280	SPRING	3							
8	2	119802-11650	ARM, ROCKER	6							
9	3	129150-11230	SCREW, VALVE ADJUST	6							
11	3	129150-11750	NUT, M8	6							
12	1	104211-11370	CAP, VALVE	6							
13	1	119803-11700	HEAD ASSY, CYLINDER	1							
19	2	27241-400000	PLUG, 40	2							
20	2	119802-11100	VALVE, INTAKE	3							
21	2	119802-11110	VALVE, EXHAUST	3							
22	2	119810-11120	SPRING, VALVE	6							
23	2	104211-11180	RETAINER, SPRING	6							
24	2	119803-11340	SEAL, VALVE STEM	3							
25	2	124160-11340	SEAL, VALVE STEM	3							
26	2	27310-070001	COTTER, 7	6							
28	1	124060-11800	GUIDE, VALVE	3							1
29	1	119802-11810	GUIDE, VALVE	3							1
30	1	119802-11870	PROTECTOR, NOZZLE	3							
31	1	119625-11880	SEAT, NOZZLE	3							
32	1	119802-11900	RETAINER, NOZZLE	3							
33	1	120270-54410	WASHER, INJECTOR	3							
34	1	22351-060012	PIN, SPRING 6.0X12	2							
35	1	26106-080252	BOLT, M8X 25 PLATED	2							
36	1	26106-080452	BOLT, M8X 45 PLATED	3							
37	1	26106-080502	BOLT, M8X 50 PLATED	6							
38	1	124160-01751	COVER, FILLER	1							
39	1	119802-11350	BONNET ASSY, HEAD	1							
40	2	119802-03010	PLATE	1							
41	2	129150-03070	BAFFLE, BREATHER	1							
42	2	119802-03110	PLATE	1							
43	2	119802-03121	COVER, DIAPHRAGM	1							
44	2	119802-03130	DIAPHRAGM	1							
45	2	119802-03141	SPRING, DIAPHRAGM	1							
48	2	119802-11310	GASKET, BONNET	1							
49	2	22857-500100	SCREW, 5X10	4							
50	2	22857-500100	SCREW, 5X10	4							
51	1	124160-11360	KNOB	3							
52	1	24311-000120	O-RING, 1AP12.0	3							
53	1	24311-000320	O-RING, 1AP32.0	1							
54	1	129900-07900	LIFTER	2							
55	1	26106-080162	BOLT, M8X 16 PLATED	4							
56	1	129008-77800	PLUG, GLOW	3							
57	1	119803-77821	CONNECTOR, GLOW PLUG	1							

Fig.5. SUCTION MANIFOLD

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119802-03090	PIPE , BREATHER	1							
2	2	129410-03990	CLIP	2							
3	1	119810-12112	GASKET, MANIFOLD	1							
4	1	119803-12140	MANIFOLD, AIR INTAKE	1							
5	1	119802-55620	BRACKET, FILTER	1							
6	1	26106-080162	BOLT, M8X 16 PLATED	2							
7	1	26106-080252	BOLT, M8X 25 PLATED	4							
8	1	129150-77511	GASKET	1							
9	1	171340-77520	BEND	1							
10	1	26106-080252	BOLT, M8X 25 PLATED	2							
11	1	26106-080652	BOLT, M8X 65 PLATED	2							

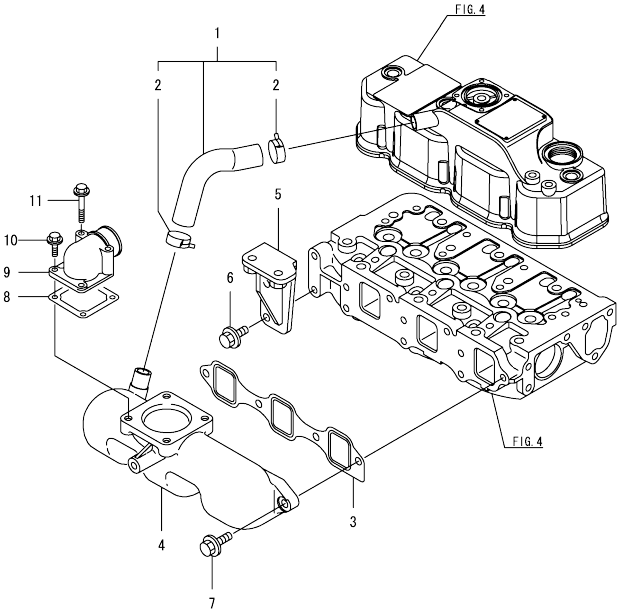
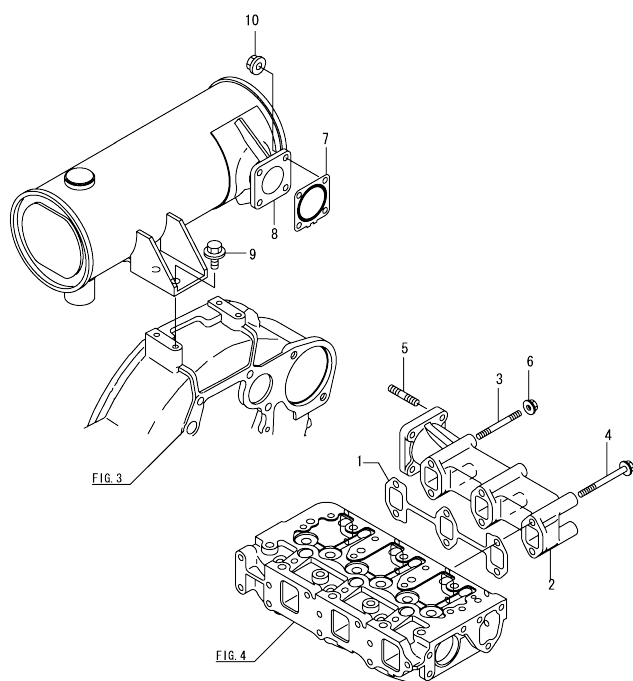


Fig.6. EXHAUST MANIFOLD

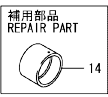
(D)=
(E)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119810-13110	GASKET	1							
2	1	119802-13129	MANIFOLD, EXHAUST	1							
3	1	123900-13610	STUD, M8X80	2							
4	1	123900-13630	BOLT, M8X80	4							
5	1	119131-18320	STUD, M8X22	4							
6	1	26306-080002	NUT, M8	2							
7	1	129004-13200	GASKET, SILENCER	1							
8	1	129240-13500	SILENCER	1							
9	1	26106-100202	BOLT, M10X 20 PLATED	2							
10	1	26306-080002	NUT, M8	4							



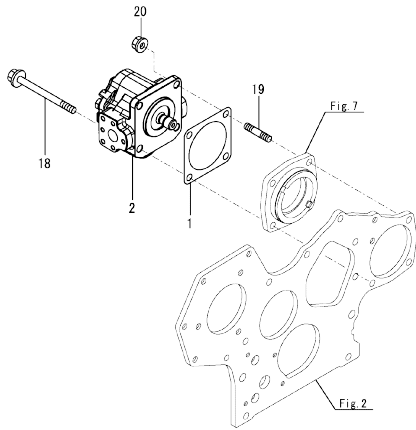
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Remarks
(1) REPAIR PART.

N:Old ☒ New, Q:Old ☐ New, R:Old ☒ New, S:Old ☐ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Qty Change

Fig.8. HYDRAULIC PUMP



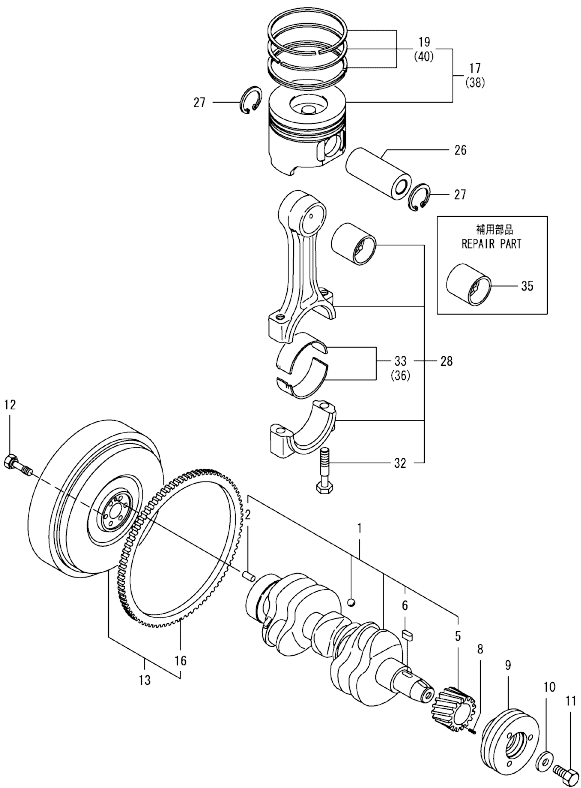
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124240-01883	GASKET	1							
2	1	119462-26020	PUMP ASSY, HYDRAULIC	1							1
18	1	26106-080952	BOLT, M8X 95 PLATED	2							
19	1	26216-080402	STUD, M8X 40	1							
20	1	26306-080002	NUT, M8	2							

Remarks
(1)Order a pump assembly since the inner parts cannot be supplied separately.

Fig.9. CRANKSHAFT & PISTON



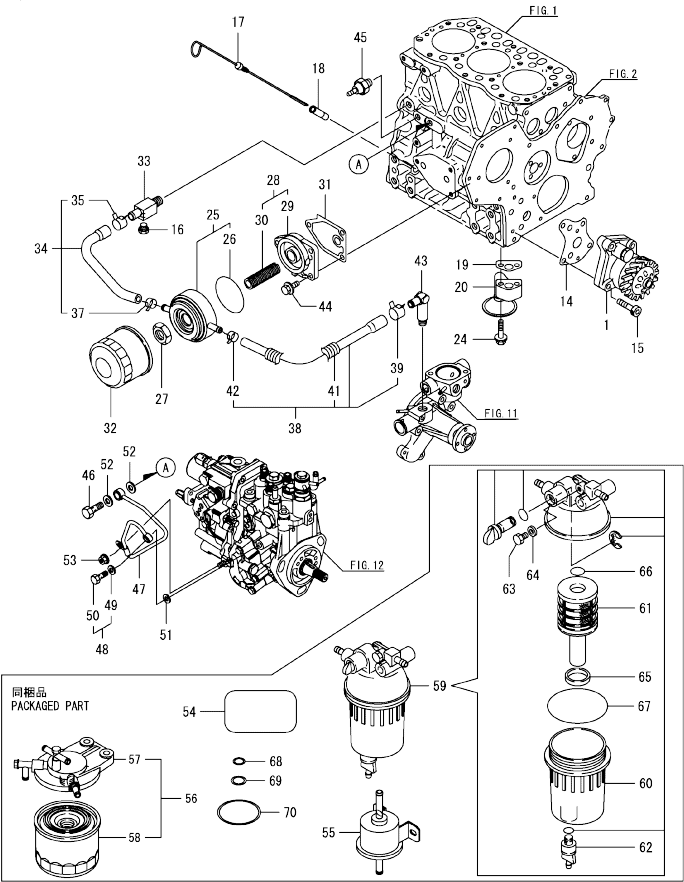
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
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							
16	2	119865-21600	GEAR, RING	1							
17	1	119803-22080	PISTON ASSY	3							
19	2	119802-22500	RING SET, PISTON	3							
26	1	119813-22300	PIN, PISTON	3							
27	1	129792-22400	CIRCLIP, 23	6							
28	1	719810-23100	ROD ASSY, CONNECTING	3							
32	2	119810-23200	BOLT, CONNECTING ROD	6							
33	2	119810-23601	BEARING, CRANK PIN	3							
35	1	119810-23910	BEARING, PISTON PIN	3							1
36	1	119810-23611	BEARING, 0.25 US	3							2
38	1	719803-22900	PISTON ASSY, 0.25 OS	3							3
40	2	119802-22950	RING SET, 0.25 OS	3							3

Remarks
(1) REPAIR PART.
(2) UNDER-SIZED (U.S.=0.25) PART.
(3) OVER-SIZED (O.S.=0.25) PART.

Fig.10. LUB.OIL SYSTEM



Remarks
(1) REPAIR PART.

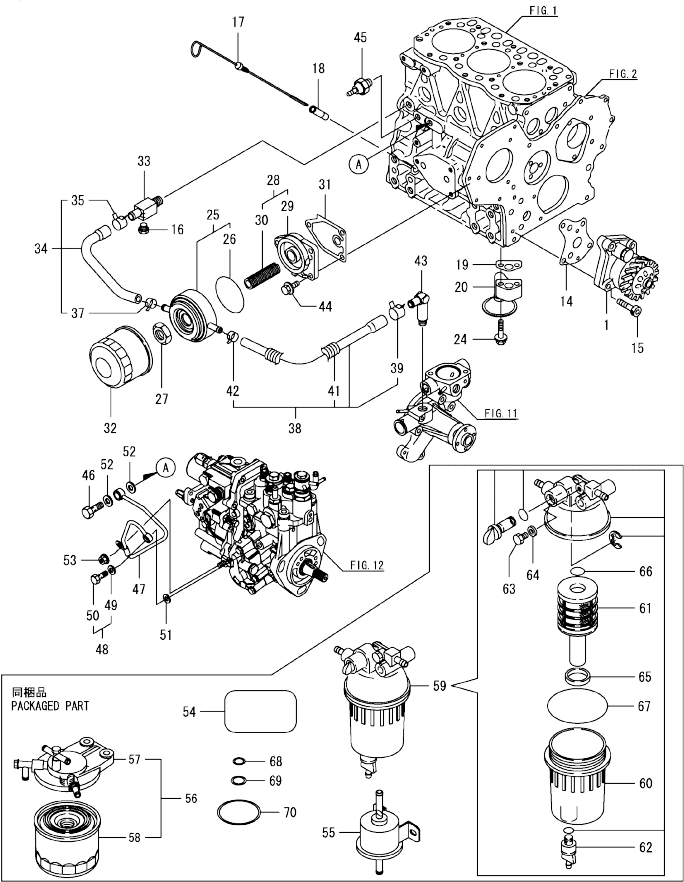
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129001-32001	PUMP ASSY, OIL	1							
14	1	129150-32020	GASKET, PUMP	1							
15	1	26450-060252	BOLT, M6X 25	4							
16	1	171056-49120	PLUG, DRAIN	1							
17	1	119802-34802	DIPSTICK, OIL	1							
18	1	121520-34810	GUIDE, DIPSTICK	1							
19	1	129150-35042	GASKET	1							
20	1	119810-35300	PIPE ASSY, OIL INLET	1							
24	1	26106-080352	BOLT, M8X 35 PLATED	2							
25	1	129508-33010	COOLER ASSY, OIL	1							
26	2	129508-33050	O-RING	1							
27	1	129417-33110	NUT	1							
28	1	129006-35100	BRACKET ASSY, FILTER	1							
29	2	119802-35110	BRACKET, FILTER	1							
30	2	129417-35150	STUD, L=67	1							
31	1	129150-35111	GASKET	1							
32	1	129150-35153	FILTER	1							1
33	1	129006-44480	JOINT	1							
34	1	129508-49030	PIPE ASSY, WATER	1							
35	2	171008-03990	CLIP, HOSE 18.5	1							
37	2	23080-015000	CLAMP, 15	1							
38	1	129508-49040	PIPE ASSY, WATER	1							
39	2	171008-03990	CLIP, HOSE 18.5	1							
41	2	119940-59130	TUBE, CORRUGATED	1							
42	2	23080-015000	CLAMP, 15	1							
43	1	119944-49300	ELBOW, PT3/8	1							
44	1	26106-080202	BOLT, M8X 20 PLATED	3							
45	1	114250-39450	SWITCH, 0.5KG	1							
46	1	124160-39140	BOLT, PIPE JOINT M10	1							
47	1	119802-39450	PIPE ASSY, OIL	1							
48	1	129005-59830	BOLT ASSY, JOINT M8	1							
49	2	22190-080002	WASHER, SEAL 6	1							
50	2	23857-030000	BOLT, JOINT 3	1							
51	1	22190-080002	WASHER, SEAL 6	1							
52	1	22190-100002	WASHER, SEAL 10	2							
53	1	26366-060002	NUT, M6	1							
54	1	114110-07760	LABEL, FUEL CAUTION	1							
55	1	119225-52102	PUMP ASSY, FUEL FEED	1							
56	1	129940-55601	FILTER ASSY, FUEL	1							
57	2	129004-55612	BRACKET, FILTER	1							
58	2	119802-55801	FILTER, FUEL	1							
59	1	129242-55700	SEPARATOR ASSY	1							
60	2	129242-55720	CUP	1							
61	2	129242-55730	ELEMENT	1							
62	2	129242-55740	PLUG, DRAIN	1							
63	2	129242-55750	VALVE, AIR VENT	1							
64	2	129242-55760	GASKET	1							
65	2	129242-55770	FLOAT	1							
66	2	24311-000160	O-RING, 1AP16.0	1							
67	2	24321-000750	O-RING, 1AG75.0	1							
68	1	24316-000070	O-RING, 4DP7.0	1							

N:Old $\frac{New}{Old}$ New, Q:Old $\frac{New}{Old}$ New, R:Old $\frac{New}{Old}$ New, S:Old $\frac{New}{Old}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Fig.10. LUB.OIL SYSTEM



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

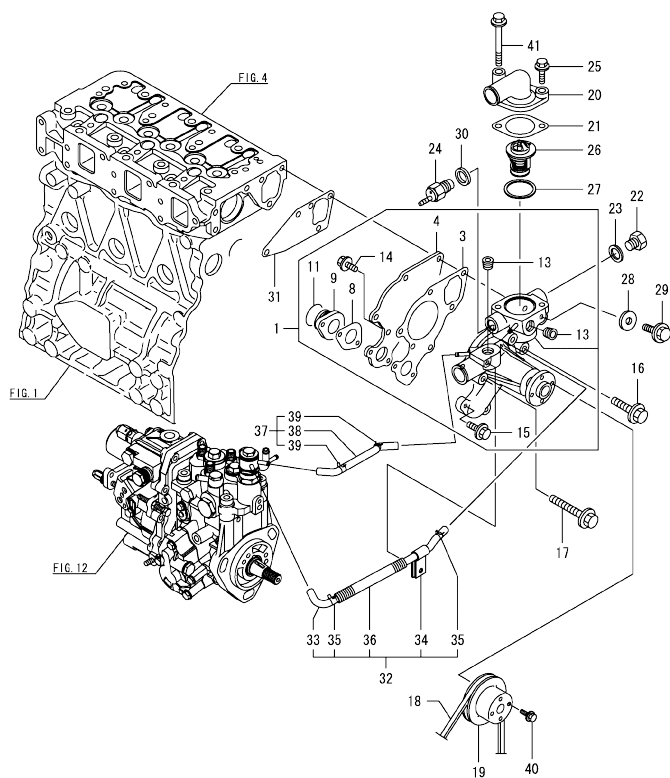
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
69	1	24316-000160	O-RING, 4DP16.0	1							
70	1	24326-000750	O-RING, 4DG75.0	1							

Remarks
(1) REPAIR PART.

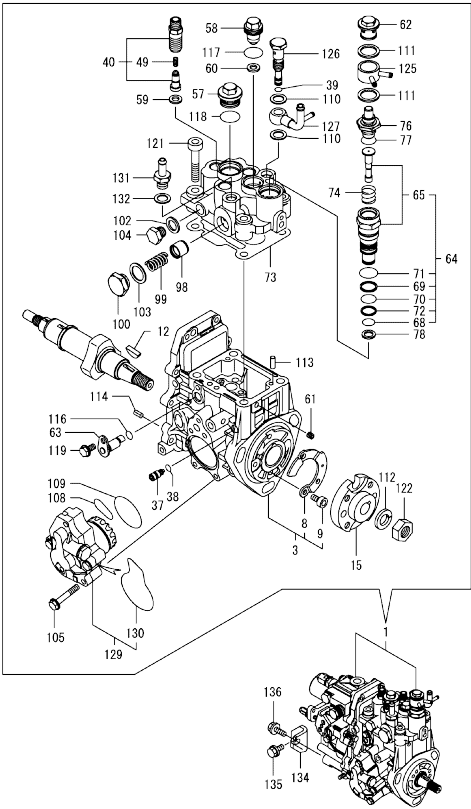
N:Old $\frac{New}{Old}$ New, Q:Old $\frac{New}{Old}$ New, R:Old $\frac{New}{Old}$ New, S:Old $\frac{New}{Old}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.11. COOLING WATER SYSTEM



										0CW10-M57500 Fig.11	
										(A)=3TNV82A-BDCB	
										(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	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	119865-42290	V-BELT, A36.5	1							
19	1	129155-42350	V-PULLEY	1							
20	1	124101-49531	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	26106-080252	BOLT, M8X 25 PLATED	1							
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	26106-060122	BOLT, M6X 12 PLATED	4							
41	1	26106-080652	BOLT, M8X 65 PLATED	1							

Fig.12. FUEL INJECTION PUMP



Remarks
(1) GOVERNOR ASSY (FIG.13) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP (REF.NO.1).

										0CW10-M57500 Fig.12	
										(A)=3TNV82A-BDCB	
										(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	719980-51391	PUMP ASSY, INJECTION	1							1
3	3	158552-51080	BODY ASSY, PUMP	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							

N:Old
New

Q:Old
New

R:Old
New

S:Old
New

W:Add

Z:Discontinued

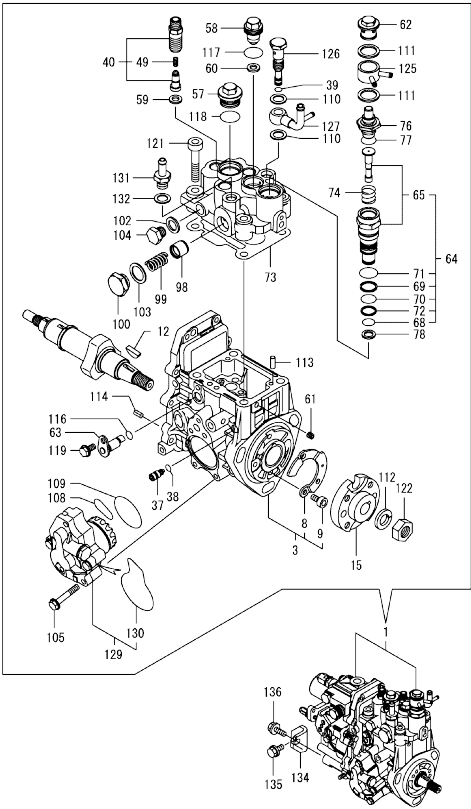
F:Interchangeable by set

K:Q'ty Change

++ CONTINUE ++

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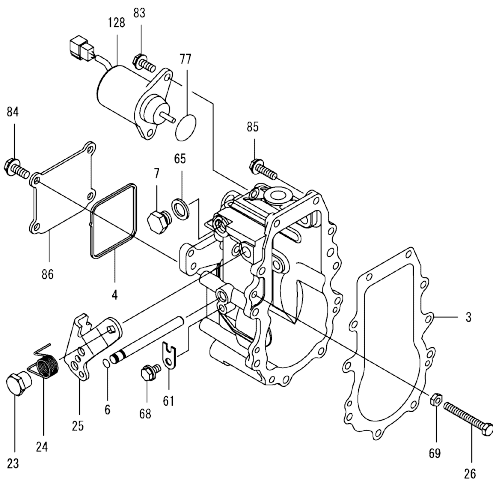
Fig.12. FUEL INJECTION PUMP



Remarks
(1) GOVERNOR ASSY (FIG.13) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP (REF.NO.1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
126	2	158601-51650	JOINT, OVER FLOW	1							
127	2	158552-51670	JOINT, OVER FLOW	1							
129	2	158552-52100	PUMP ASSY, FUEL FEED	1							
130	3	158552-52500	O-RING	1							
131	2	119934-59910	JOINT, PIPE	1							
132	2	22190-120002	WASHER, SEAL 12	1							
134	1	119802-51250	RETAINER, PUMP	1							
135	1	26106-080162	BOLT, M8X 16 PLATED	1							
136	1	26106-080202	BOLT, M8X 20 PLATED	1							

Fig.13. GOVERNOR



Remarks
* THIS FIGURE (GOVERNOR ASSY) IS
INCORPORATED IN THE FUEL INJECTION
PUMP ASSY (FIG.12).

No.	Lev.	Parts No.	Description	Q'ty						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							
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	129642-61060	COVER, GOVERNOR CASE	1							
128	2	119653-77950	SOLENOID, STOP	1							

Fig.14. FUEL INJECTION VALVE

(A)=3TNV82A-BDCB
(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							
55	1	119802-59970	PIPE ASSY, INJECTION	1							
59	1	119802-59980	PIPE ASSY, INJECTION	1							
63	1	129268-59551	PIPE ASSY, RETURN	1							
64	2	129237-59120	PROTECTOR,HOSE	1							
66	2	124060-77680	CLIP, HOSE 10	2							
67	1	119593-59581	CAP	1							
68	1	129486-59581	HOSE, FUEL	2							
70	2	124060-77680	CLIP, HOSE 10	4							
71	1	124060-77680	CLIP, HOSE 10	1							

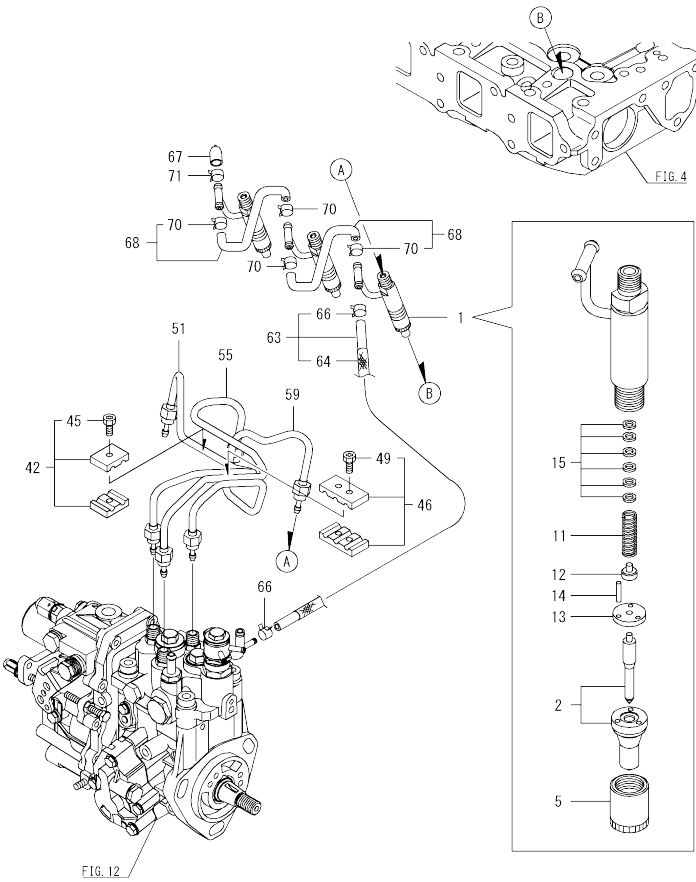
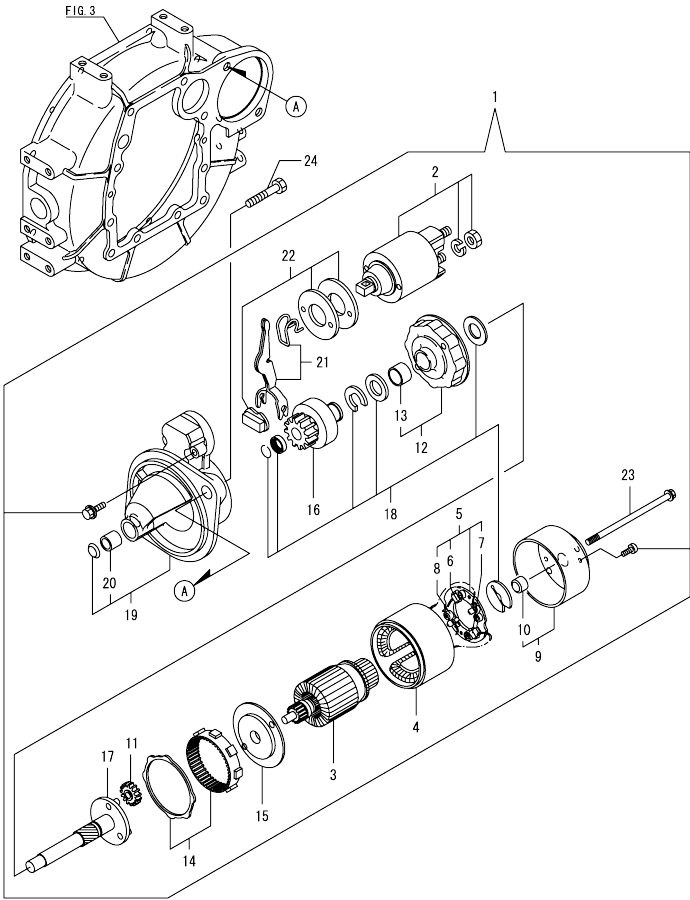


Fig.15. STARTING MOTOR



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

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

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

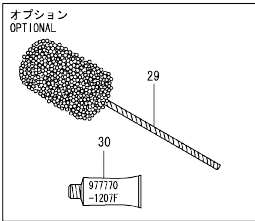
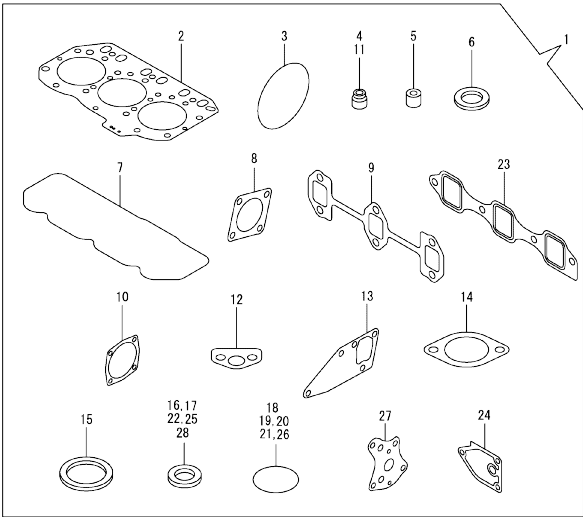
Fig.16. GENERATOR

(A)=3TNV82A-BDCB
(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	119620-77201	GENERATOR, 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							
7	2	119620-79360	WASHER, THRUST	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	119620-77450	COVER	1							
15	2	119620-77461	PULLEY	1							
16	2	119620-77471	NUT	1							
17	2	119620-77490	COLLAR	1							
18	2	119620-77710	REGULATOR ASSY	1							
19	2	119620-79260	HOLDER	1							
20	2	119620-79270	HOLDER, BRUSH	1							
21	3	119620-77480	BRUSH ASSY	2							
22	3	119620-79280	SPRING	2							
23	2	119620-79290	SCREW	6							
24	2	119620-79300	SCREW	1							
25	2	119620-79310	BOLT	3							
26	2	119620-79320	SCREW	2							
27	2	119620-79330	BOLT	2							
28	2	119620-79340	BUSH, INSULATION	1							
29	2	119620-79350	NUT	2							
30	1	26306-100002	NUT, M10	1							
31	1	129064-77330	ADJUSTER	1							
32	1	129067-77340	SPACER	1							
33	1	129972-77341	BOLT, ADJUSTER L=50	1							
34	1	119643-66900	DIODE	1							
35	1	119650-77910	RELAY ASSY, GLOW	1							
38	1	128300-77920	TIMER	1							
39	1	129211-77920	TIMER	1							

Fig.17. GASKET SET



Remarks
(1)OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119936-92600	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	124240-01883	GASKET	2							
9	2	119810-13110	GASKET	1							
10	2	129150-01881	GASKET	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	7							
18	2	24316-240100	O-RING, 4DP10A	1							
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	124465-44950	GASKET, 16	2							
29	1	129400-92420	HONE	1							1
30	1	977770-1207F	GASKET,LIQUID	1							1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
104211-11180	4	23
104211-11370	4	12
114110-07760	10	54
114250-39450	10	45
114250-53080	14	5
114250-53120	14	11
114250-53130	14	12
114250-53140	14	13
114250-53210	14	14
118400-77170	15	11
119131-18320	6	5
119225-52102	10	55
119305-59120	14	42
119462-26020	8	2
119593-59581	14	67
119609-32040	2	15
	17	26
119620-01750	3	3
119620-02020	1	10
119620-77201	16	2
119620-77380	16	4
119620-77421	16	8
119620-77440	16	13
119620-77450	16	14
119620-77461	16	15
119620-77471	16	16
119620-77480	16	21
119620-77490	16	17
119620-77710	16	18
119620-79200	16	9
119620-79210	16	10
119620-79220	16	11
119620-79230	16	12
119620-79250	16	6
119620-79260	16	19
119620-79270	16	20
119620-79280	16	22
119620-79290	16	23
119620-79300	16	24
119620-79310	16	25
119620-79320	16	26
119620-79330	16	27
119620-79340	16	28
119620-79350	16	29
119620-79360	16	7
119625-11880	4	31
	17	6
119640-01640	3	9
119643-66900	16	34
119650-77910	16	35

Parts No.	Fig. No.	Ref. No.
119653-77950	13	128
119660-61901	13	61
119717-02930	1	16
119802-01561	2	10
119802-03010	4	40
119802-03090	5	1
119802-03110	4	42
119802-03121	4	43
119802-03130	4	44
119802-03141	4	45
119802-11100	4	20
119802-11110	4	21
119802-11241	4	1
119802-11251	4	2
119802-11260	4	4
119802-11270	4	5
119802-11280	4	6
119802-11310	4	48
	17	7
119802-11350	4	39
119802-11650	4	8
119802-11810	4	29
119802-11870	4	30
	17	5
119802-11900	4	32
119802-13129	6	2
119802-14580	7	3
119802-21650	9	9
119802-22500	9	19
119802-22950	9	40
119802-25071	7	14
119802-25101	7	11
119802-25901	7	17
119802-34802	10	17
119802-35110	10	29
119802-39450	10	47
119802-42001	11	1
119802-49610	11	32
119802-49620	11	37
119802-49711	11	33
119802-49721	11	38
119802-49730	11	34
119802-51090	12	12
119802-51250	12	134
119802-51560	12	58
119802-51590	12	64
119802-51600	12	65
119802-51680	12	69
119802-51690	12	70
119802-55620	5	5

Parts No.	Fig. No.	Ref. No.
119802-55801	10	58
119802-59320	11	36
119802-59960	14	51
119802-59970	14	55
119802-59980	14	59
119803-11340	4	24
	17	4
119803-11700	4	13
119803-12140	5	4
119803-21000	9	1
119803-21200	9	5
119803-22080	9	17
119803-25050	7	10
119803-53400	14	15
119803-77821	4	57
119807-61420	13	24
119810-01200	1	28
119810-01730	3	6
119810-01770	3	8
119810-02871	1	33
119810-02941	1	36
119810-11120	4	22
119810-12112	5	3
	17	23
119810-13110	6	1
	17	9
119810-14400	7	2
119810-23200	9	32
119810-23601	9	33
119810-23611	9	36
119810-23910	9	35
119810-35300	10	20
119810-42051	11	3
119810-42120	11	4
119810-42281	11	8
119810-42290	11	9
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