

0CD10-M81202EN

P R E F A C E

This parts catalog is the 3rd edition of 3TNV82A-SYB, 3TNV82A-SYBT for KOBELCO CONSTRUCTION MACHINERY CO., LTD..

Published : November, 2015

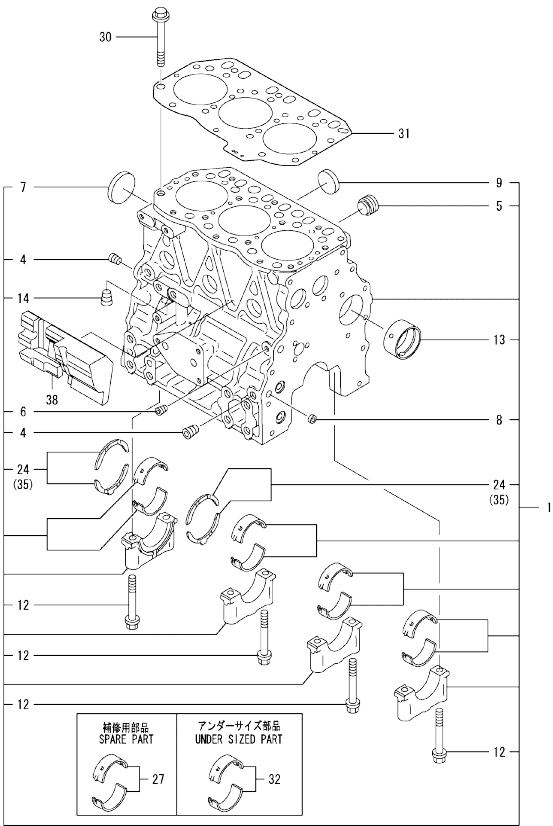
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0CD10-M81202

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Fig. No.	Fig. Name
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Fig.1. CYLINDER BLOCK

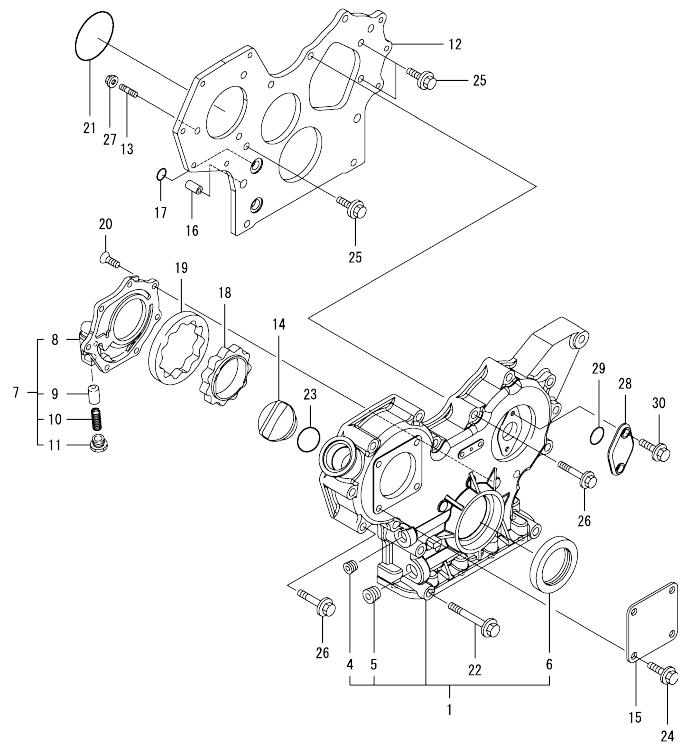


Remarks
(1)Under-sized(U.S.=0.25) parts.
(2)Over-sized(O.S.=0.25) parts.
(3)Spare parts.

OCD10-M81202 Fig.1
(A)=3TNV82A-SYB
(B)=3TNV82A-SYBT
(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	1						
4	2	124160-01910	PLUG, PT1/4	2	2						
5	2	171051-01921	PLUG, NPTF1	1	1						
6	2	124060-01050	PLUG, PT1/8	1	1						
7	2	129001-01250	PLUG, DISH TYPE 50	1	1						
8	2	27241-120000	PLUG, 12	2	2						
9	2	27241-300000	PLUG 30	6	6						
12	2	119620-02020	BOLT, METAL CAP	8	8						
13	2	129795-02411	BUSH, CAMSHAFT	1							
13-1	2	129795-02412	BUSH, CAMSHAFT	1	1					N	
(A=E33736)											
14	2	124160-01910	PLUG, PT1/4	1	1						
24	2	119810-02930	BEARING ASSY, THRUST	1							
24-1	2	119717-02930	BEARING ASSY, THRUST	2	2					N	
(A=E33736)											
27	1	719810-02980	BEARING ASSY, MAIN	4							3
27-1	1	719810-02981	BEARING ASSY, MAIN	4	4					N	3
(A=E33736)											
30	1	119810-01200	BOLT, CYLINDER HEAD	14	14						
31	1	119812-01330	GASKET, HEAD	1	1						
32	1	119810-02870	BEARING ASSY, MAIN	4							1
32-1	1	119810-02871	BEARING ASSY, MAIN	4	4					N	1
(A=E33736)											
35	1	119810-02940	BEARING, THRUST 0.25	2							2
35-1	1	119810-02941	BEARING, THRUST 0.25	2	2					N	2
(A=E33736)											
38	1	119802-01190	SPACER	1	1						

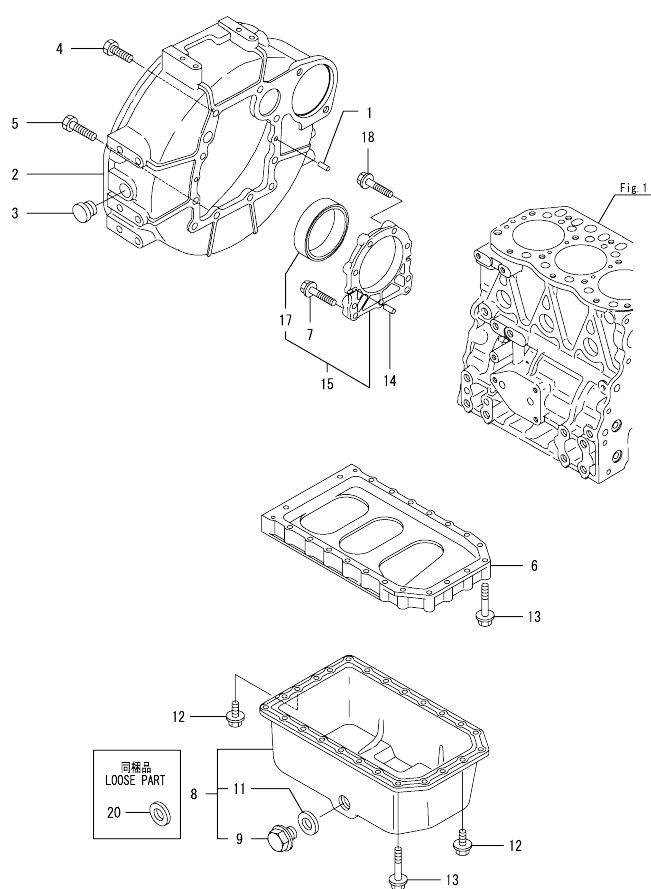
Fig.2. GEAR HOUSING



(A)=3TNV82A-SYB
(B)=3TNV82A-SYBT
(C)=

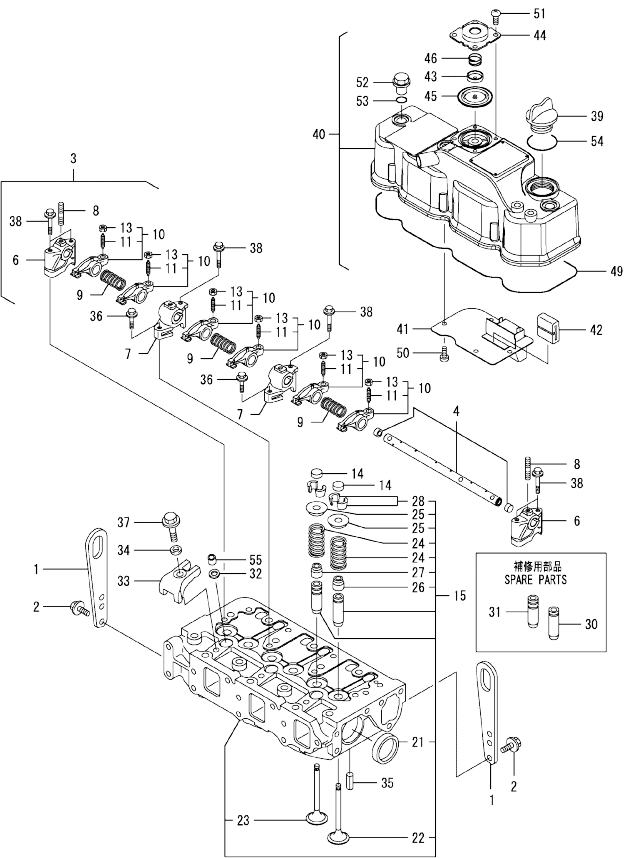
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719802-01500	CASE ASSY, GEAR	1	1						
4	2	23876-030000	PLUG, R03	1	1						
5	2	23876-040000	PLUG, R04	1	1						
6	2	129795-01800	SEAL, OIL	1							
6-1	2	119934-01800	SEAL, OIL	1	1						N
(A=E42820)											
7	1	119802-32100	COVER ASSY	1	1						
8	2	119802-32070	COVER, PUMP	1	1						
9	2	129900-32130	VALVE, RELIEF	1	1						
10	2	129418-32320	SPRING	1	1						
11	2	129001-32330	PLUG	1	1						
12	1	119802-01520	FLANGE, GEAR CASE	1	1						
13	1	119802-01560	BOLT, STUD M8X25	3							
13-1	1	119802-01561	BOLT, STUD M8X25	3	3						R
(A=E23456)											
14	1	124160-01751	CAP, FILLER	1	1						
15	1	124240-01871	COVER, PUMP	1	1						
16	1	129795-01950	PIPE, DOWEL L=18	2	2						
17	1	119609-32040	O-RING, P16	4	4						
18	1	119802-32111	ROTOR, INNER	1	1						
19	1	119802-32120	ROTOR, OUTER	1	1						
20	1	119802-32130	SCREW, M6X16	7	7						
21	1	121850-51960	O-RING	1	1						
22	1	129001-91841	BOLT, M8X87	3							
22-1	1	26106-080852	BOLT, M8X 85 PLATED	3	3						R
(A=E67877)											
23	1	24311-000320	O-RING, 1AP32.0	1	1						
24	1	26106-080162	BOLT, M8X 16 PLATED	4	4						
25	1	26106-080162	BOLT, M8X 16 PLATED	3	3						
26	1	26106-080552	BOLT, M8X 55 PLATED	12	12						
27	1	26306-080002	NUT, M8	3	3						
28	1	121023-01550	COVER	1							
28-1	1	121023-01551	COVER	1	1						R
(A=E26638)											
29	1	24341-000240	O-RING, 1AS24.0	1	1						
30	1	26106-060162	BOLT, M6X 16 PLATED	2	2						

[illegible]

(A=E71083)

Fig.4. CYLINDER HEAD & BONNET



Remarks
(1)Spare parts.

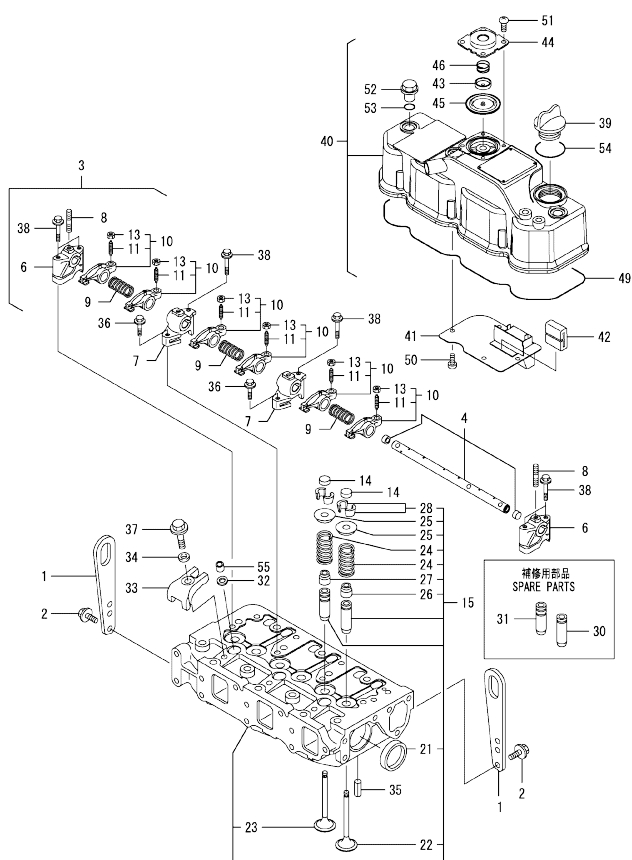
(A)=3TNV82A-SYB
(B)=3TNV82A-SYBT
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129900-07900	LIFTER, ENGINE	2	2						
2	1	26106-080162	BOLT, M8X 16 PLATED	4	4						
3	1	119802-11241	SHAFT ASSY, ROCKER	1	1						
4	2	119802-11251	SHAFT, ROCKER ARM	1	1						
6	2	119802-11260	SUPPORT, ROCKER ARM	2	2						
7	2	119802-11270	SUPPORT, ROCKER ARM	2	2						
8	2	119802-11280	BOLT, STUD	3	3						
9	2	129150-11280	SPRING, ROCKER	3	3						
10	2	119802-11650	ARM ASSY, ROCKER	6	6						
11	3	129150-11230	SCREW, VALVE ADJUST	6	6						
13	3	129150-11750	NUT, M8	6	6						
14	1	104211-11370	CAP, VALVE	6	6						
15	1	119802-11700	HEAD ASSY, CYLINDER	1							
15-1	1	119802-11730	HEAD ASSY, CYLINDER	1	1						N
(A=E91810)											
21	2	27241-400000	PLUG, 40	2	2						
22	2	119802-11100	VALVE, SUCTION	3	3						
23	2	119802-11110	VALVE, EXHAUST	3	3						
24	2	119810-11120	SPRING, VALVE	6	6						
25	2	104211-11180	RETAINER, SPRING	6	6						
26	2	124160-11340	SEAL, VALVE STEM	3	3						
27	2	124950-11340	SEAL, VALVE STEM	3							
27-1	2	119803-11340	SEAL, VALVE STEM	3	3						N
(A=E40843)											
28	2	27310-070001	COTTER, 7	6	6						
30	1	124060-11800	GUIDE, INTAKE VALVE	3	3						1
31	1	119802-11810	GUIDE, VALVE	3	3						1
32	1	119625-11880	SEAT, NOZZLE	3	3						
33	1	119802-11900	RETAINER, NOZZLE	3	3						
34	1	120270-54410	WASHER, INJECTOR	3	3						
35	1	22351-060012	PIN, SPRING 6.0X12	2	2						
36	1	26106-080252	BOLT, M8X 25 PLATED	2	2						
37	1	26106-080452	BOLT, M8X 45 PLATED	3	3						
38	1	26106-080502	BOLT, M8X 50 PLATED	6	6						
39	1	124160-01751	CAP, FILLER	1	1						
40	1	119802-11350	BONNET ASSY, HEAD	1	1						
41	2	119802-03010	PLATE, BAFFLE	1	1						
42	2	129150-03070	BAFFLE, BREATHER	1	1						
43	2	119802-03110	PLATE, DIAPHRAGM	1	1						
44	2	119802-03120	COVER, DIAPHRAGM	1							
44-1	2	119802-03121	COVER, DIAPHRAGM	1	1						N
(A=E08431)											
45	2	119802-03130	DIAPHRAGM	1	1						
46	2	119802-03140	SPRING, DIAPHRAGM	1							
46-1	2	119802-03141	SPRING, DIAPHRAGM	1	1						R
(A=E08431)											
49	2	119802-11310	GASKET, BONNET	1	1						
50	2	22857-500100	SCREW, 5X10	4	4						
51	2	22857-500100	SCREW, 5X10	4	4						
52	1	124160-11360	KNOB	3	3						
53	1	24311-000120	O-RING, 1AP12.0	3	3						

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
++ CONTINUE ++
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Fig.4. CYLINDER HEAD & BONNET



Remarks
(1) Spare parts.

(D)=
(E)=

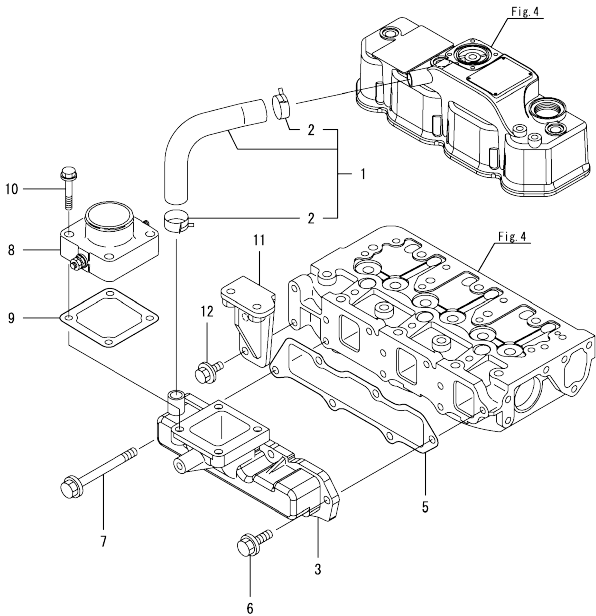
(A)=3TNV82A-SYB
(B)=3TNV82A-SYBT
(C)=

Q'ty	I	R
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No.	Lev.	Parts No.	Description	Qty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
54	1	24311-000320	O-RING, 1AP32.0	1	1					
55	1	119802-11870	PROTECTOR, NOZZLE	3	3					

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

Fig.5. SUCTION MANIFOLD



(A)=3TNV82A-SYB
(B)=3TNV82A-SYBT
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129005-03080	HOSE ASSY, BREATHER	1	1						
2	2	129410-03990	CLAMP, HOSE 21.5	2	2						
3	1	119802-12120	MANIFOLD, AIR INTAKE	1	1						
5	1	119813-12110	GASKET, MANIFOLD	1	1						
6	1	26106-080202	BOLT, M8X 20 PLATED	4	4						
7	1	26106-080802	BOLT, M8X 80 PLATED	2	2						
8	1	129120-77501	HEATER, AIR	1							
8-1	1	129120-77502	HEATER, AIR	1	1						N
(A=E41723)											
9	1	129150-77511	GASKET, AIR HEATER	1	1						
10	1	26106-080352	BOLT, M8X 35 PLATED	4	4						
11	1	119802-55620	BRACKET, FILTER	1	1						
12	1	26106-080162	BOLT, M8X 16 PLATED	2	2						

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119802-13129	MANIFOLD, EXHAUST	1	1						
2	1	119810-13110	GASKET, EXH.MANIFOLD	1	1						
3	1	123900-13630	BOLT, M8X80	4	4						
3-1	1	129E00-13640 (A=EC9446)	BOLT, M8X80 10.9T (B=EC9447)	4	4						N
4	1	119131-18320	BOLT, STUD M8X22	4	4						
5	1	26306-080002	NUT, M8	2	2						
6	1	123900-13610	BOLT, STUD M8X80	2	2						
7	1	129004-13200	GASKET, SUJ FNCFER	1	1						

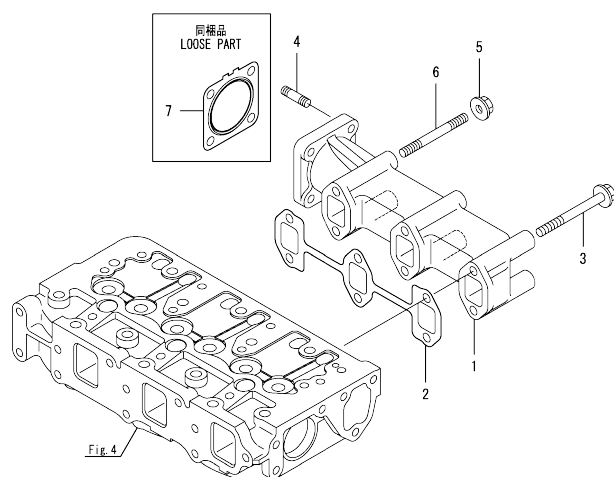
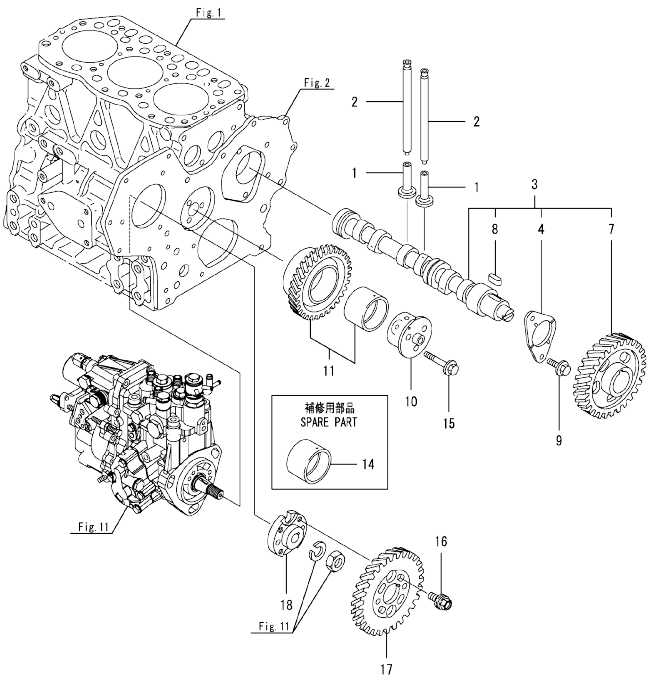


Fig.7. CAMSHAFT & DRIVING GEAR



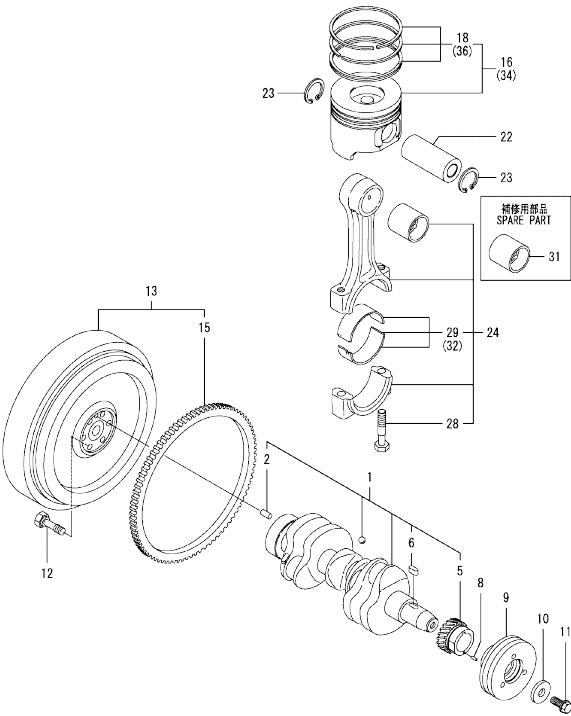
Remarks
(1)Spare parts.

(A)=3TNV82A-SYB
(B)=3TNV82A-SYBT
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	6	6						
2	1	119810-14400	PUSH-ROD	6	6						
3	1	119802-14580	CAMSHAFT ASSY	1	1						
4	2	129150-02450	BEARING, THRUST	1	1						
7	2	129150-14101	GEAR, CAMSHAFT	1	1						
8	2	22512-070140	KEY, 7X 14	1	1						
9	1	26106-080142	BOLT, M8X 14 PLATED	2	2						
10	1	119802-25051	SHAFT, IDLE	1	1						
11	1	119802-25100	GEAR ASSY, IDLE	1							
11-1	1	119802-25101	GEAR ASSY, IDLE	1	1					N	
(A=E33736)											
14	1	119802-25070	BUSH, IDLE GEAR	1							1
14-1	1	119802-25071	BUSH, IDLE GEAR	1	1					N	1
(A=E33736)											
15	1	26106-080402	BOLT, M8X 40 PLATED	3	3						
16	1	129150-25301	BOLT	4	4						
17	1	119802-25901	GEAR, PUMP	1	1						
18	1	158552-51151	FLANGE	1	1						

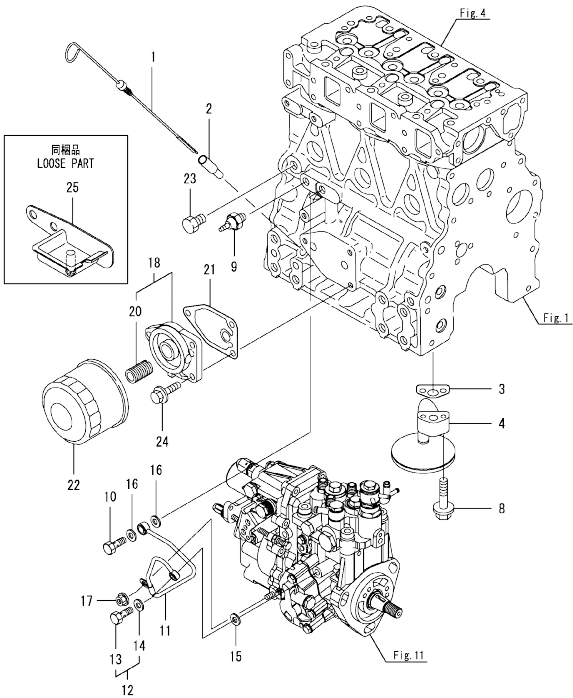
Fig.8. CRANKSHAFT & PISTON



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

										OCD10-M81202 Fig.8	
										(A)=3TNV82A-SYB (B)=3TNV82A-SYBT (C)=	
										(D)= (E)= (F)=	
										Q'ty	
										I R	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119802-21001	CRANKSHAFT ASSY	1							
1-1	1	119802-21002	CRANKSHAFT ASSY	1	1					N	
(A=E07945)											
2	2	129100-01580	PIN, PARALLEL 8X16	1	1						
5	2	119802-21201	GEAR, CRANKSHAFT	1							
5-1	2	119802-21202	GEAR, CRANKSHAFT	1	1					N	
(A=E07945)											
6	2	22512-070140	KEY, 7X 14	1	1						
8	1	22351-030010	PIN, SPRING 3.0X10	1	1						
9	1	119802-21660	V-PULLEY, CRANK 120	1	1						
10	1	129795-21661	WASHER	1	1						
11	1	121850-21680	BOLT	1	1						
12	1	121111-21501	BOLT, FLYWHEEL	6	6						
13	1	129489-21590	FLYWHEEL ASSY	1	1						
15	2	119865-21600	GEAR, RING Z=116	1	1						
16	1	119802-22080	PISTON ASSY	3	3						
18	2	119802-22500	RING SET, PISTON	3	3						
22	1	119813-22300	PIN, PISTON	3	3						
23	1	129792-22400	CIRCLIP, 23	6	6						
24	1	719810-23100	ROD ASSY, CONNECTING	3	3						
28	2	119810-23200	BOLT, CONNECTING ROD	6	6						
29	2	119810-23600	BEARING, CRANK PIN	3							
29-1	2	119810-23601	BEARING, CRANK PIN	3	3					N	
(A=E33736)											
31	1	119810-23910	BEARING, PISTON PIN	3	3					1	
32	1	119810-23610	BEARING, 0.25 US	3						2	
32-1	1	119810-23611	BEARING, 0.25 US	3	3					N 2	
(A=E33736)											
34	1	119802-22900	PISTON ASSY, 0.25 OS	3	3					3	
36	2	119802-22950	RING SET, 0.25 OS	3	3					3	

Fig.9. LUB. OIL SYSTEM



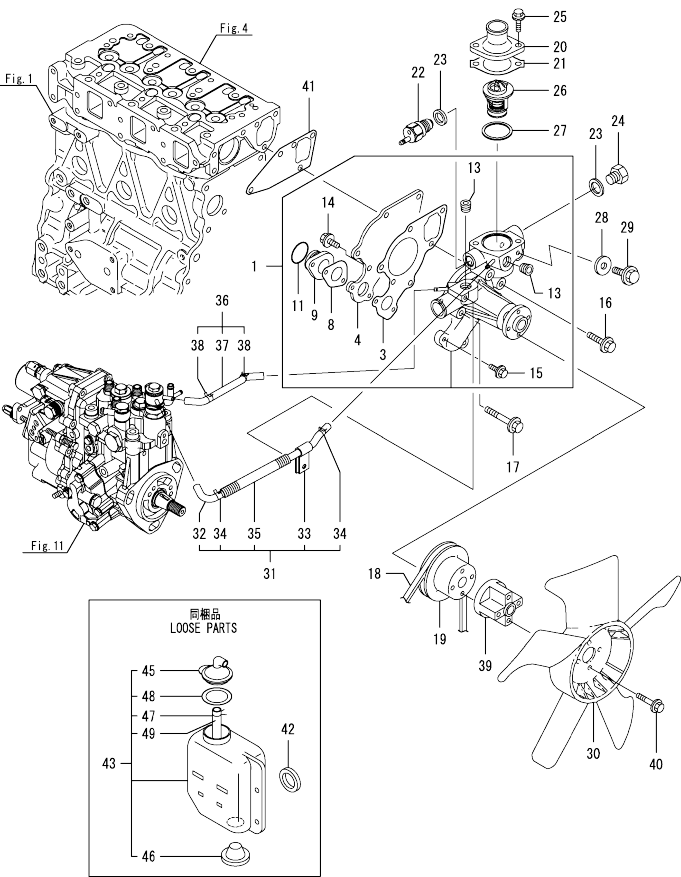
Remarks
(1)Spare parts.

(A)=3TNV82A-SYB
(B)=3TNV82A-SYBT
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119802-34801	DIPSTICK	1							
1-1	1	119802-34802	DIPSTICK	1	1						N
(A=E08633)											
2	1	121520-34810	GUIDE, DIPSTICK	1	1						
3	1	129150-35041	GASKET	1							
3-1	1	129150-35042	GASKET	1	1						N
(A=E08633)											
4	1	119810-35300	PIPE ASSY, OIL INLET	1	1						
8	1	26106-080352	BOLT, M8X 35 PLATED	2	2						
9	1	114250-39450	SWITCH, HYDRAULIC	1	1						
10	1	124160-39140	BOLT, PIPE JOINT M10	1	1						
11	1	119802-39450	PIPE ASSY, OIL	1	1						
12	1	129005-59830	BOLT ASSY, JOINT M8	1	1						
13	2	23857-030000	BOLT, JOINT 3	1	1						
14	2	22190-080002	WASHER, SEAL 8	1	1						
15	1	22190-080002	WASHER, SEAL 8	1	1						
16	1	22190-100002	WASHER, SEAL 10	2	2						
17	1	26366-060002	NUT, M6	1	1						
18	1	119802-35100	BRACKET ASSY, FILTER	1	1						
20	2	129100-35140	BOLT, STUD	1	1						
21	1	129150-35111	GASKET	1	1						
22	1	129150-35153	FILTER ASSY, D80X80L	1	1						1
23	1	171056-49120	PLUG, DRAIN R1/4	1	1						
24	1	26106-080202	BOLT, M8X 20 PLATED	3	3						
25	1	119940-35800	SUMP, OIL	1	1						

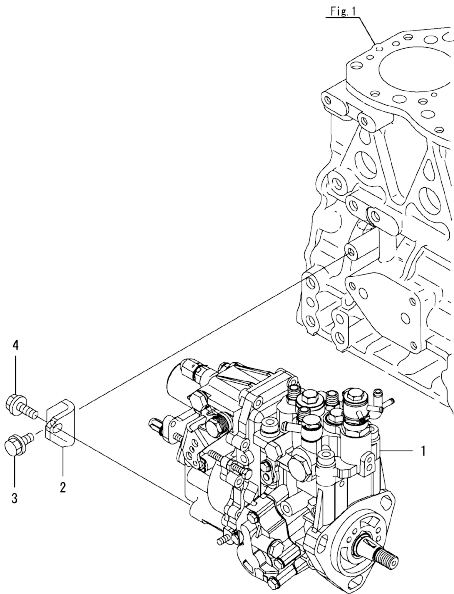
OCD10-M81202 3TNV82A-SYB/3TNV82A-SYBT
Fig.10. COOLING WATER SYSTEM



										OCD10-M81202		Fig.10							
										(A)=3TNV82A-SYB (B)=3TNV82A-SYBT (C)=		(D)= (E)= (F)=							
No.	Lev.	Parts No.	Description							Q'ty						I	R		
										(A)	(B)	(C)	(D)	(E)	(F)				
1	1	119802-42000	PUMP ASSY, WATER							1									
1-1	1	119802-42001	PUMP ASSY, WATER							1	1							N	
(A=E45290)																			
3	2	119810-42051	GASKET, WATER PUMP							1	1								
4	2	119810-42120	PLATE, PUMP							1	1								
8	2	119810-42281	GASKET, WATER PUMP							1	1								
9	2	119810-42290	PIPE, PUMP							1	1								
11	2	129054-42320	O-RING							1	1								
13	2	23876-030000	PLUG, R03							2	2								
14	2	26106-060142	BOLT, M6X 14 PLATED							2	2								
15	2	26106-060202	BOLT, M6X 20 PLATED							2	2								
16	1	26106-080352	BOLT, M8X 35 PLATED							1	1								
17	1	26106-080552	BOLT, M8X 55 PLATED							3	3								
18	1	129612-42380	V-BELT, A38.5							1	1								
19	1	129556-42350	V-PULLEY, 96							1	1								
20	1	129350-49530	COVER, THERMOSTAT							1	1								
21	1	129795-49551	GASKET							1	1								
22	1	121250-44901	SWITCH, THERMO 110							1	1								
23	1	124465-44950	GASKET, 16							2	2								
24	1	121450-42450	PLUG, M16							1	1								
25	1	26106-080222	BOLT, M8X 22 PLATED							2	2								
26	1	129155-49801	THERMOSTAT, 71C							1	1								
27	1	129150-49811	GASKET, THERMOSTAT							1	1								
28	1	23414-080000	GASKET, 8X1.0							1	1								
29	1	26106-080122	BOLT, M8X 12 PLATED							1	1								
30	1	119265-44740	FAN, D=310X5F							1	1								
31	1	119802-49610	HOSE ASSY, WATER							1	1								
32	2	119802-49711	HOSE ASSY, WATER							1	1								
33	2	119802-49730	RETAINER, PIPE							1	1								
34	2	124722-59050	CLAMP, HOSE 9							2	2								
35	2	119802-59320	TUBE, CORRUGATED							1	1								
36	1	119802-49620	HOSE ASSY, WATER							1	1								
37	2	119802-49721	HOSE ASSY, WATER							1	1								
38	2	124722-59050	CLAMP, HOSE 9							2	2								
39	1	171353-44760	SPACER, FAN							1	1								
40	1	26106-060402	BOLT, M6X 40 PLATED							4	4								
41	1	129486-42050	GASKET, WATER PUMP							1	1								
42	1	129150-49360	GASKET							1	1								
43	1	121468-44510	TANK ASSY, SUB							1									
43-1	1	121468-44520	TANK ASSY, SUB							1	1								R
(A=E46118)																			
45	2	121450-44531	CAP							1	1								
46	2	121468-44540	PLUG							1									Z
(A=E46118)																			
47	2	124450-44560	CLAMP, HOSE							1	1								
48	2	121470-44581	GASKET							1	1								
49	2	23065-070130	PIPE, 7X 130							1	1								

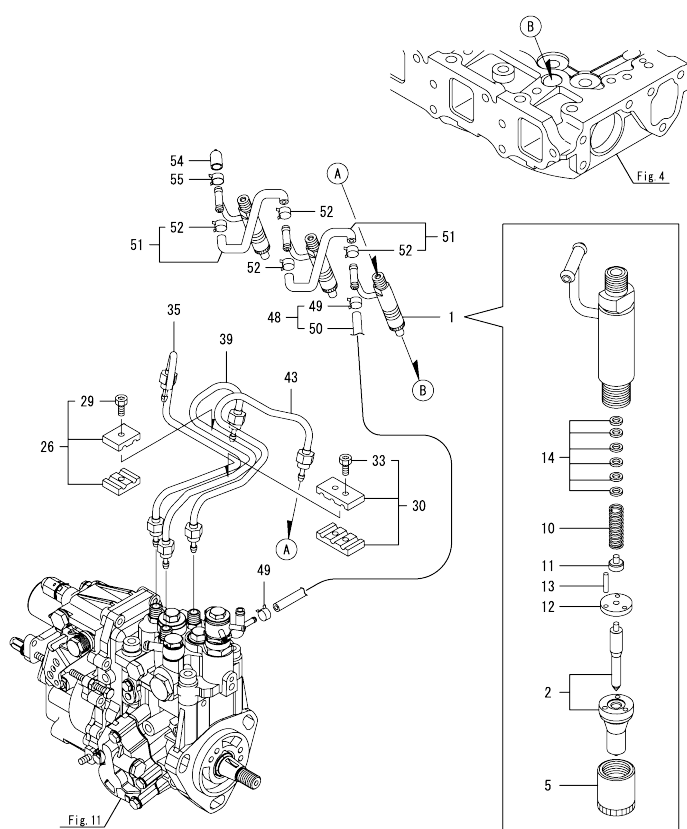
N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.11. FUEL INJECTION PUMP



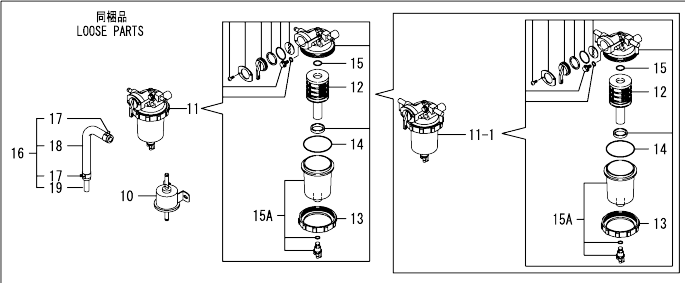
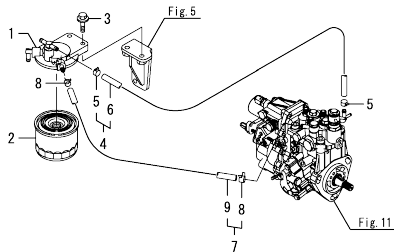
Remarks
(1)Inner parts are shown in Fig.17 & 18.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719940-51340	FIE ASSY	1	1						1
2	1	119802-51250	RETAINER, PUMP	1	1						
3	1	26106-080162	BOLT, M8X 16 PLATED	1	1						
4	1	26106-080202	BOLT, M8X 20 PLATED	1	1						



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729646-53100	FUEL INJECTOR ASSY	3	3						
2	2	129646-53000	NOZZLE ASSY, F.I.	3	3						
5	2	114250-53080	NUT, NOZZLE	3	3						
10	2	114250-53120	SPRING, NOZZLE	3	3						
11	2	114250-53130	SEAT, SPRING	3	3						
12	2	114250-53140	SPACER	3	3						
13	2	114250-53210	PIN	6	6						
14	2	114250-53400	SHIM SET	3							
14-1	2	119803-53400	SHIM SET	3	3						R
(A=E54056)											
26	1	119305-59120	RETAINER, PIPE	1	1						
29	2	129150-59131	BOLT, M4X14	1	1						
30	1	129150-59120	RETAINER, PIPE	1	1						
33	2	129150-59131	BOLT, M4X14	2	2						
35	1	119802-59810	PIPE ASSY, INJECTION	1	1						
39	1	119802-59820	PIPE ASSY, INJECTION	1	1						
43	1	119802-59830	PIPE ASSY, INJECTION	1	1						
48	1	119802-59550	HOSE ASSY, RETURN	1	1						
49	2	124722-59050	CLAMP, HOSE 9	2	2						
50	2	119802-59560	HOSE, FUEL RETURN	1	1						
51	1	129486-59551	HOSE ASSY, RETURN	2	2						
52	2	124722-59050	CLAMP, HOSE 9	4	4						
54	1	119593-59580	CAP	1							
54-1	1	119593-59581	CAP	1	1						R
(A=E28983)											
55	1	124060-77680	CLAMP, HOSE 10	1	1						

Fig.13. FUEL PIPE

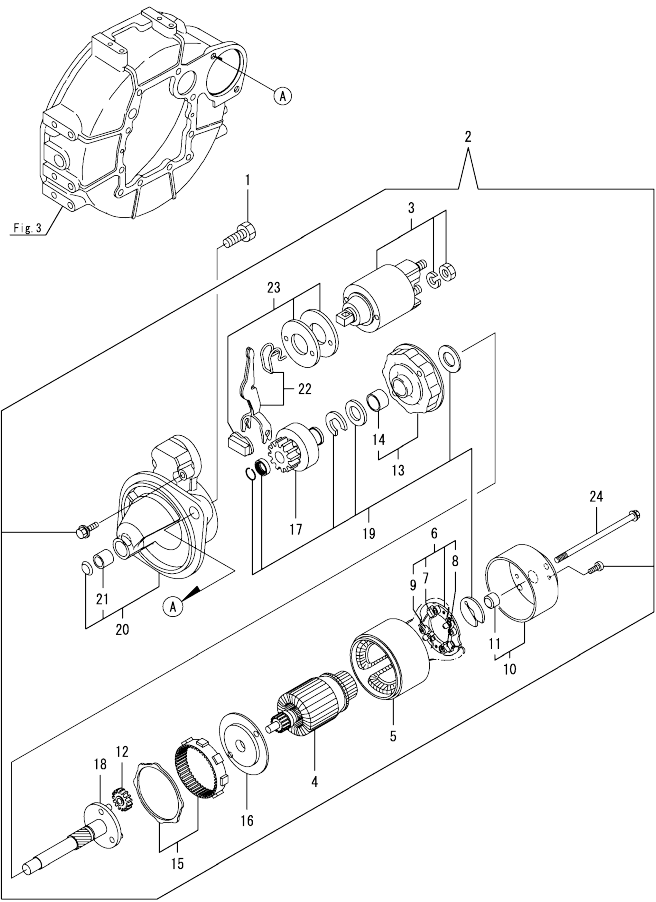


(A)=3TNV82A-SYB
(B)=3TNV82A-SYBT
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-55610	BRACKET, FILTER	1							
1-1	1	129004-55611 (A=E22463)	BRACKET, FILTER	1							R
1-2	1	129004-55612 (A=E33152)	BRACKET, FILTER	1	1						R
2	1	119802-55800	FILTER, FUEL	1							
2-1	1	119802-55801 (A=E34373)	FILTER, FUEL	1	1						R
3	1	26106-080302	BOLT, M8X 30 PLATED	2	2						
4	1	129210-59060	HOSE ASSY, FUEL L240	1	1						
5	2	124766-59050	CLAMP, HOSE 11.5	2	2						
6	2	171051-59050	HOSE, FUEL L=240	1	1						
7	1	129210-59120	HOSE ASSY, FUEL	1	1						
8	2	124766-59050	CLAMP, HOSE 11.5	2	2						
9	2	129211-59510	HOSE, FUEL L=330	1	1						
10	1	129612-52100	PUMP, FUEL FEED	1	1						
11	1	119802-55700	SEPARATOR ASSY,WATER	1							
11-1	1	129906-55700	SEPARATOR ASSY,WATER	1							S
11-2	1	129906-55711 (A=E52623) (A=E88472)	SEPARATOR ASSY,WATER	1	1						N
12	2	119802-55710	ELEMENT	1	1						
13	2	129100-55690	RING, CUP RETAINING	1	1						
14	2	24321-000650	O-RING, 1AG65.0	1	1						
15	2	24311-000160	O-RING, 1AP16.0	1	1						
15A	2	119802-55730	CUP ASSY, SEPARATOR	1	1						
16	1	119840-59601	BEND	1							Z
17	2	124766-59050 (A=E52623) (A=E52623)	CLAMP, HOSE 11.5	2							Z
18	2	119840-59611 (A=E52623)	BEND	1							Z
19	2	119840-59621 (A=E52623)	JOINT	1							Z

Fig.14. STARTER MOTOR

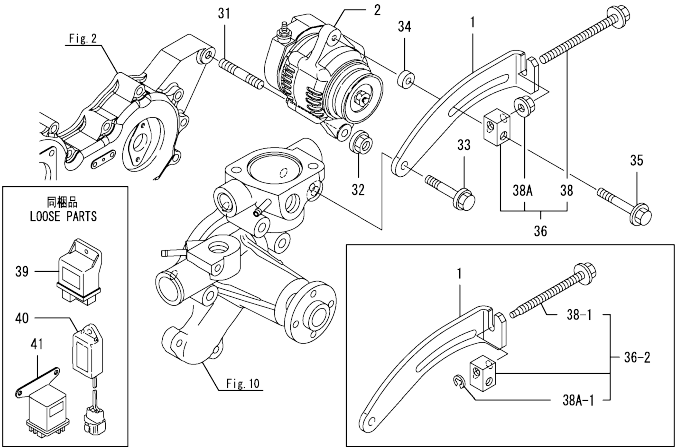
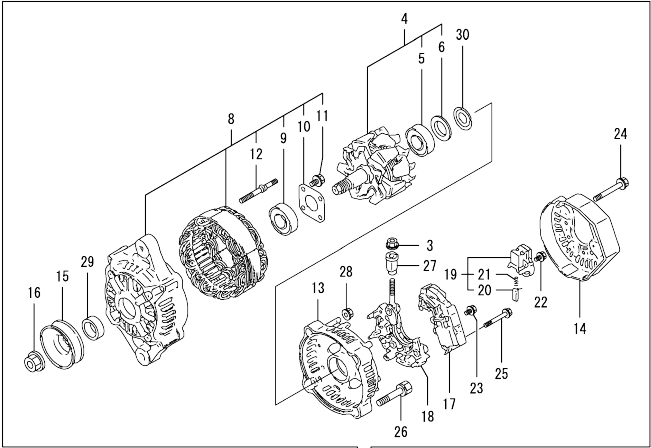


(A)=3TNV82A-SYB
(B)=3TNV82A-SYBT
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26116-120252	BOLT, M12X 25 PLATED	2							
1-1	1	26106-120252	BOLT, M12X 25 PLATED	2	2						R
(A=E82380)											
2	1	129242-77010	STARTER ASSY	1	1						
3	2	129698-77020	SWITCH ASSY, MAGNET	1	1						
4	2	129242-77100	ARMATURE ASSY	1	1						
5	2	129242-77110	YOKE ASSY	1	1						
6	2	129242-77120	HOLDER ASSY, BRUSH	1	1						
7	3	129242-77130	BRUSH	2	2						
8	3	129242-77140	BRUSH SET	1	1						
9	3	129242-77150	SPRING, BRUSH	4	4						
10	2	129242-77160	COVER ASSY	1	1						
11	3	129242-77170	BEARING, COVER	1	1						
12	2	118400-77170	GEAR, PLANETARY	3	3						
13	2	129242-77180	BRACKET, CENTER	1	1						
14	3	129698-77190	BRACKET, CENTER	1	1						
15	2	129698-77200	GEAR, INTERNAL	1	1						
16	2	129242-77210	BRACKET, CENTER	1	1						
17	2	129698-77220	PINION ASSY	1	1						
18	2	129698-77230	SHAFT, PINION	1	1						
19	2	129698-77250	WASHER SET	1	1						
20	2	129242-77260	CASE ASSY, GEAR	1	1						
21	3	X2114535200	BEARING, STARTER	1	1						
22	2	129242-77270	LEVER SET	1	1						
23	2	129242-77280	COVER KIT, DUST	1	1						
24	2	124195-77770	BOLT, THROUGH	2	2						

Fig.15. GENERATOR

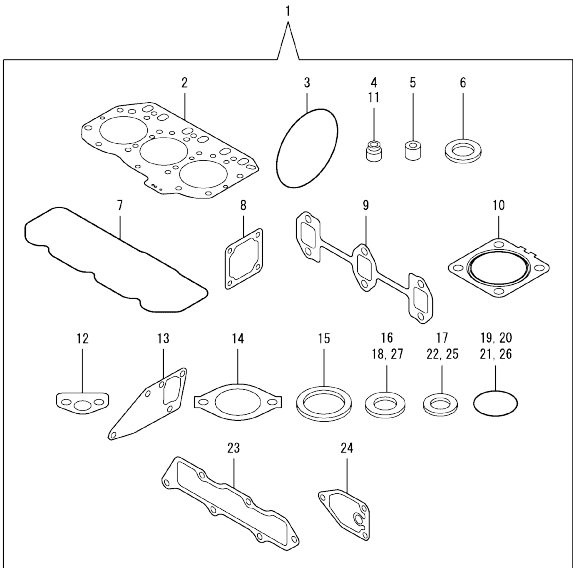


(A)=3TNV82A-SYB
(B)=3TNV82A-SYBT
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119940-77310	ADJUSTER, BELT	1	1						
2	1	129423-77200	GENERATOR ASSY, 40A	1	1						
3	2	X9490561001	NUT	1	1						
4	2	119620-77380	ROTOR ASSY	1	1						
5	3	123501-79240	BEARING, BALL	1	1						
6	3	119620-79250	COVER, BEARING	1	1						
8	2	119620-77421	FRAME ASSY, GENERATOR	1	1						
9	3	119620-79200	BEARING, BALL	1	1						
10	3	119620-79210	RETAINER	1	1						
11	3	119620-79220	SCREW	4	4						
12	3	119620-79230	BOLT, STUD	2	2						
13	2	119620-77440	FRAME ASSY	1	1						
14	2	129240-79300	COVER	1	1						
15	2	119620-77461	PULLEY, GENERATOR	1	1						
16	2	119620-77471	NUT	1	1						
17	2	129423-77710	REGULATOR ASSY	1	1						
18	2	119620-79260	HOLDER	1	1						
19	2	129052-79270	HOLDER, BRUSH	1	1						
20	3	119620-77480	BRUSH	2	2						
21	3	119620-79280	SPRING	2	2						
22	2	119620-79290	SCREW	6	6						
23	2	119620-79300	SCREW	1	1						
24	2	119620-79310	BOLT	3	3						
25	2	119620-79320	SCREW	2	2						
26	2	119620-79330	BOLT	2	2						
27	2	119620-79340	BUSH, INSULATION	1	1						
28	2	119620-79350	NUT	2	2						
29	2	119620-77490	COLLAR	1	1						
30	2	119620-79360	WASHER, THRUST	1	1						
31	1	129795-01900	BOLT, STUD M10X33	1	1						
32	1	26306-100002	NUT, M10	1	1						
33	1	26106-080452	BOLT, M8X 45 PLATED	1	1						
34	1	119940-77270	SPACER	1	1						
35	1	26106-080502	BOLT, M8X 50 PLATED	1							
35-1	1	26106-080552	BOLT, M8X 55 PLATED	1	1						N
(A=E13023)											
36	1	119624-77350	BLOCK, ADJUSTER	1							
36-1	1	119624-77351	BLOCK ASSY, ADJUSTER	1							N
(A=E13023)											
36-2	1	129630-77350	BLOCK ASSY, ADJUSTER	1	1						N
(A=E72370)											
38	2	26106-081004	BOLT, M8X100 PLATED	1							
38-1	2	129630-77380	BOLT, M8X100	1	1						S
(A=E72370)											
38A	2	26306-080002	NUT, M8	1							W
(A=E30416)											
38A-1	2	22272-000050	RING, E- 5	1	1						S
(A=E72370)											
39	1	119802-77200	RELAY, SAFETY	1	1						
40	1	129211-77920	TIMER	1	1						
41	1	119650-77910	RELAY ASSY, GLOW	1							W

Fig.16. GASKET SET



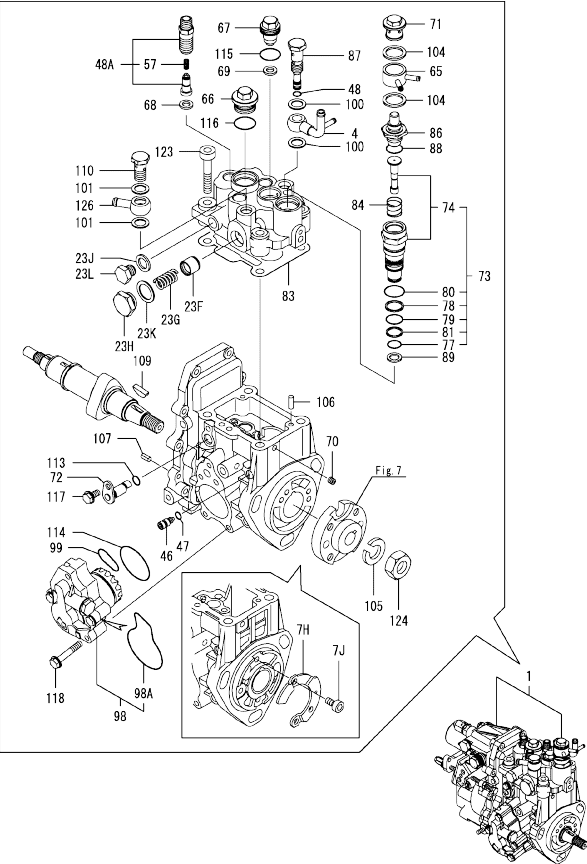
(A)=3TNV82A-SYB
(B)=3TNV82A-SYBT
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719802-92620	GASKET SET	1							1
1-1	1	719802-92621	GASKET SET	1	1					N	1
(A=E06293)											
2	2	119812-01330	GASKET, HEAD	1	1						
3	2	121850-51960	O-RING	1	1						
4	2	124950-11340	SEAL, VALVE STEM	3							
4-1	2	119803-11340	SEAL, VALVE STEM	3	3					N	
(A=E40843)											
5	2	119802-11870	PROTECTOR, NOZZLE	3	3						
6	2	119625-11880	SEAT, NOZZLE	3	3						
7	2	119802-11310	GASKET, BONNET	1	1						
8	2	129150-77511	GASKET, AIR HEATER	1	1						
9	2	119810-13110	GASKET, EXH.MANIFOLD	1	1						
10	2	129004-13200	GASKET, SILENCER	1	1						
11	2	124160-11340	SEAL, VALVE STEM	3	3						
12	2	129150-35041	GASKET	1							
12-1	2	129150-35042	GASKET	1	1					N	
(A=E08633)											
13	2	129486-42050	GASKET, WATER PUMP	1	1						
14	2	129795-49551	GASKET	1	1						
15	2	129150-49811	GASKET, THERMOSTAT	1	1						
16	2	129150-49360	GASKET	1	1						
17	2	22190-080002	WASHER, SEAL 8	2	2						
18	2	124465-44950	GASKET, 16	2	2						
19	2	24311-000120	O-RING, 1AP12.0	3	3						
20	2	24311-000320	O-RING, 1AP32.0	2	2						
21	2	24341-000240	O-RING, 1AS24.0	1	1						
22	2	22190-100002	WASHER, SEAL 10	2	2						
23	2	119813-12110	GASKET, MANIFOLD	1	1						
24	2	129150-35111	GASKET	1	1						
25	2	22190-220002	WASHER, SEAL 22	1							
25-1	2	22190-220002	WASHER, SEAL 22	2	2					K	
(A=E06293)											
26	2	119609-32040	O-RING, P16	4	4						
27	2	23414-080000	GASKET, 8X1.0	1	1						

Remarks
(1)Optional parts.

Fig.17. FUEL INJECTION PUMP(INNER PARTS)



Remarks
(1)Governor(Fig.18) is incorporated in this Fuel Injection Pump(No.1).

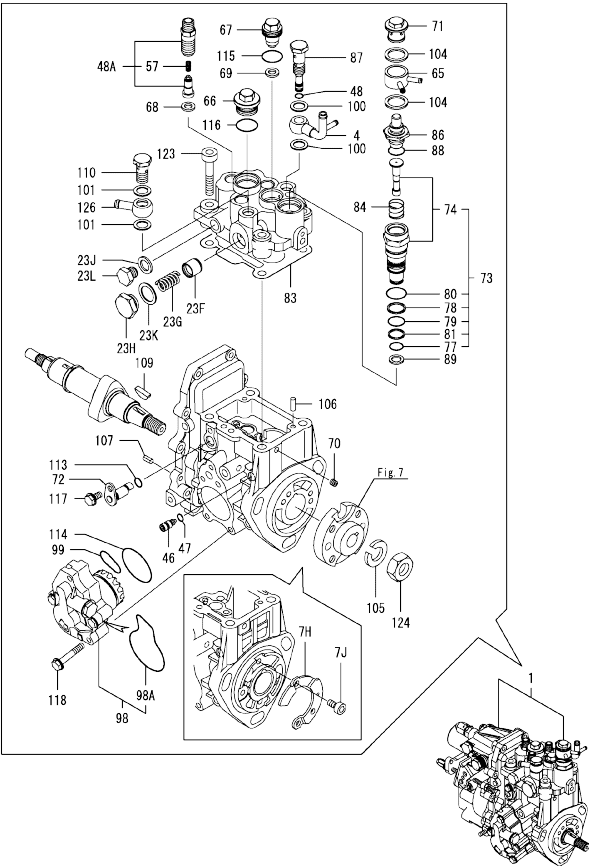
(A)=3TNV82A-SYB
(B)=3TNV82A-SYBT
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719940-51340	FIE ASSY	1	1						1
4	2	158552-51670	JOINT, OVER FLOW	1	1						
7H	2	129008-51900	COVER, PUMP	1	1					W	
(A=E72370)											
7J	2	129008-51920	BOLT, SOCKET M6X10	2	2					W	
(A=E72370)											
23F	2	158601-51770	PISTON, ACCUMLATOR	1	1						
23G	2	158552-51780	SPRING, ACCUMULATOR	1	1						
23G-1	2	158552-51781	SPRING, ACCUMULATOR	1	1					N	
(A=E40251)											
23H	2	158601-51790	PLUG	1	1						
23J	2	22190-120002	WASHER, SEAL 12	1	1						
23K	2	22190-180002	WASHER, SEAL 18	1	1						
23L	2	23887-120002	PLUG, 12	1	1						
23L-1	2	158553-51930	PLUG, M12	1	1					R	
(A=E69576)											
46	2	158600-51270	STOPPER, TAPPET	1	1						
47	2	158563-51281	O-RING, 4D S6	1	1						
48	2	158563-51281	O-RING, 4D S6	1	1						
48A	2	129509-51390	VALVE ASSY, DELIVERY	3	3						
57	3	158563-51330	SPRING, DELIVERY	3	3						
65	2	158553-51551	JOINT, COOLING WATER	1	1						
66	2	158601-51550	PLUG, M22	1	1						
67	2	119802-51560	PLUG, M14	1	1						
68	2	158552-51570	GASKET, PLUG	3	3						
68-1	2	158552-51571	GASKET, PLUG	3	3					R	
(A=E61442)											
69	2	158552-51570	GASKET, PLUG	1	1						
69-1	2	158552-51571	GASKET, PLUG	1	1					R	
(A=E61442)											
70	2	158557-51570	PLUG, RACK	1	1						
71	2	158601-51570	PLUG	1	1						
72	2	158552-51580	LIFTER, LINK	1	1						
73	2	119802-51590	TIMER ASSY	1	1						
74	3	119802-51600	TIMER ASSY	1	1						
77	3	158553-51670	O-RING	1	1						
78	3	119802-51680	RING, BACKUP	1	1						
79	3	119802-51690	O-RING	1	1						
80	3	24356-190200	O-RING, 4D19020	1	1						
81	3	24372-000150	RING, BACK UP T2P15	1	1						
83	2	158552-51600	GASKET	1	1						
84	2	158553-51630	SPRING, TIMER	1	1						
86	2	158553-51640	THERMOELEMENT	1	1						
87	2	158601-51650	JOINT, OVER FLOW	1	1						
88	2	158553-51660	O-RING, P14	1	1						
89	2	158553-51680	GASKET, TIMER	1	1						
98	2	158552-52100	PUMP ASSY, FUEL FEED	1	1						
98A	3	158552-52500	O-RING	1	1						
99	2	158552-52310	O-RING	1	1						
99-1	2	158552-52311	O-RING	1	1					R	
(A=E73475)											

N:Old $\frac{NBS}{100}$ New, O:Old $\frac{HIS}{100}$ New, R:Old $\frac{NBS}{100}$ New, S:Old $\frac{HIS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Fig.17. FUEL INJECTION PUMP(INNER PARTS)



(A)=3TNV82A-SYB
(B)=3TNV82A-SYBT
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
100	2	22190-120002	WASHER, SEAL 12	2	2						
101	2	22190-120002	WASHER, SEAL 12	2	2						
104	2	22190-180002	WASHER, SEAL 18	2	2						
105	2	22217-140000	WASHER, SPRING 14	1	1						
106	2	22312-050140	PIN, PARALLEL 5X14	2	2						
107	2	22351-050010	PIN, SPRING 5.0X10	2	2						
109	2	119802-51090	FEATHER KEY, 4X16	1	1						
110	2	23857-060000	BOLT, JOINT 6	1	1						
113	2	24311-000070	O-RING, 1AP7.0	1	1						
114	2	158552-52400	O-RING, 4E S42	1	1						
115	2	24356-190180	O-RING, 4D19018	1	1						
116	2	24356-190200	O-RING, 4D19020	1	1						
117	2	26106-060102	BOLT, M6X 10 PLATED	1	1						
118	2	158553-51770	BOLT	4	4						
123	2	26450-080452	BOLT, M8X 45	4	4						
124	2	26776-140002	NUT, LOCK M14	1	1						
126	2	129916-59020	JOINT, PIPE 12	1	1						

Remarks

(1)Governor(Fig.18) is incorporated in this Fuel Injection Pump(No.1).

OCD10-M81202 3TNV82A-SYB/3TNV82A-SYBT
Fig.18. GOVERNOR(INNER PARTS)

OCD10-M81202 Fig.18

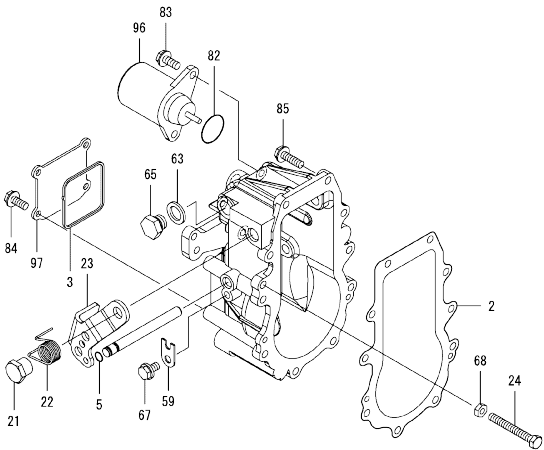
(A)=3TNV82A-SYB
(B)=3TNV82A-SYBT
(C)=

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

Q'ty

I R

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
2	2	158553-61050	GASKET	1	1						
3	2	158553-61070	GASKET	1	1						
5	2	129155-51280	O-RING, S6	1	1						
21	2	129255-61410	NUT, M8	1	1						
22	2	119807-61420	SPRING, RETURN	1	1						
23	2	158552-61441	LEVER, REGULATOR	1	1						
24	2	129155-61460	BOLT, LIMITING	1	1						
59	2	119660-61901	STOPPER, SHAFT	1	1						
63	2	22190-120002	WASHER, SEAL 12	1	1						
65	2	23887-120002	PLUG, 12	1							
65-1	2	158553-51930	PLUG, M12	1	1						R
(A=E69576)											
67	2	26106-060102	BOLT, M6X 10 PLATED	1	1						
68	2	26756-060002	NUT, LOCK M6	1	1						
82	2	24341-000280	O-RING, 1AS28.0	1							
82-1	2	158552-61900	O-RING	1	1						N
(A=E33152)											
83	2	26106-060142	BOLT, M6X 14 PLATED	2	2						
84	2	26106-060142	BOLT, M6X 14 PLATED	4	4						
85	2	26106-060202	BOLT, M6X 20 PLATED	10	10						
96	2	119233-77932	SOLENOID, STOP	1	1						
97	2	129642-61060	COVER, GOVERNOR CASE	1	1						



Remarks
* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.17).

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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114250-53130	12	11
114250-53140	12	12
114250-53210	12	13
114250-53400	12	14
118400-77170	14	12
119131-18320	6	4
119233-77932	18	96
119265-44740	10	30
119305-59120	12	26
119593-59580	12	54
119593-59581	12	54 -1
119609-32040	2	17
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119620-01750	3	3
119620-02020	1	12
119620-77380	15	4
119620-77421	15	8
119620-77440	15	13
119620-77461	15	15
119620-77471	15	16
119620-77480	15	20
119620-77490	15	29
119620-79200	15	9
119620-79210	15	10
119620-79220	15	11
119620-79230	15	12
119620-79250	15	6
119620-79260	15	18
119620-79280	15	21
119620-79290	15	22
119620-79300	15	23
119620-79310	15	24
119620-79320	15	25
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119802-11251	4	4
119802-11260	4	6
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119802-11280	4	8
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119802-11900	4	33
119802-12120	5	3
119802-13129	6	1
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119802-21201	8	5
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119802-25051	7	10
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