

OCR10-M56300EN

PREFACE

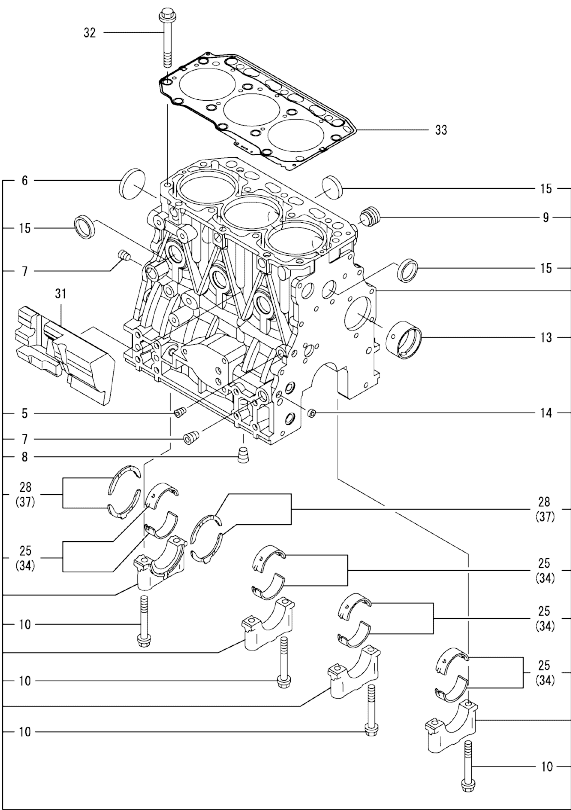
- 1.This Parts Catalog carries all parts incorporated in YANMAR Model 3TNV84T-KSA, 3TNV84T-KSA2,3TNV84T-KSA3 and 3TNV84T-GGE engine manufactured since January, 2004.
- 2.Each illustration corresponds to the parts list on the following page.
- 3.When ordering parts,clearly write down the engine model and serial number,as well as the name and number of each part in your order sheet. This will help insure reliable delivery of the parts you have ordered.

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0CR10-M56300

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Fig.1. CYLINDER BLOCK



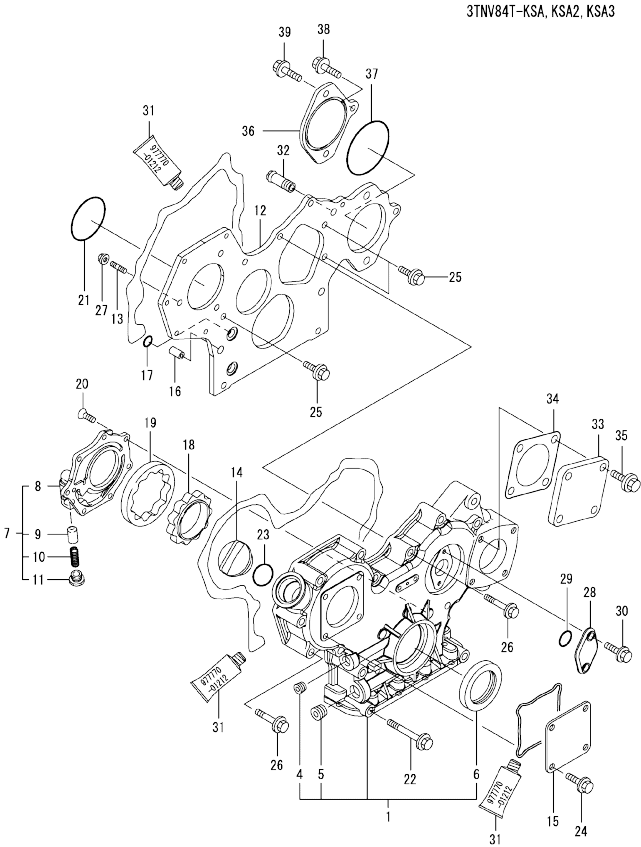
Remarks
(1)Under-sized(U.S.=0.25) parts.
(2)Over-sized(O.S.=0.25) parts.
(3)Repair parts.

(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3

(D)=3TNV84T-GGE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729006-01560	BLOCK ASSY, CYLINDER	1	1	1	1				
5	2	124060-01050	PLUG, PT1/8	1	1	1	1				
6	2	129001-01250	PLUG, 50	1	1	1	1				
7	2	124160-01910	PLUG, PT1/4	2	2	2	2				
8	2	124160-01910	PLUG, PT1/4	1	1	1	1				
9	2	171051-01921	PLUG, NPTF1	1	1	1	1				
10	2	129150-02020	BOLT, METAL CAP	8	8	8	8				
13	2	129795-02411	BUSH, CAMSHAFT	1	1	1	1				
14	2	27241-120000	PLUG, 12	2	2	2	2				
15	2	27241-300000	PLUG 30	6	6	6	6				
25	2	129001-02930	BEARING, MAIN	4	4	4	4				3
28	2	129150-02930	BEARING, THRUST	2	2	2	2				
31	1	129004-01190	SPACER	1	1	1	1				
32	1	129150-01200	BOLT, HEAD	14	14	14	14				
33	1	129002-01331	GASKET, HEAD	1	1	1	1				
34	1	129150-02870	BEARING, 0.25 US	4	4	4	4				1
37	1	129150-02940	BEARING, THRUST 0.25	1	1	1	1				2

Fig.2. GEAR HOUSING



3TNV84T-KSA, KSA2, KSA3

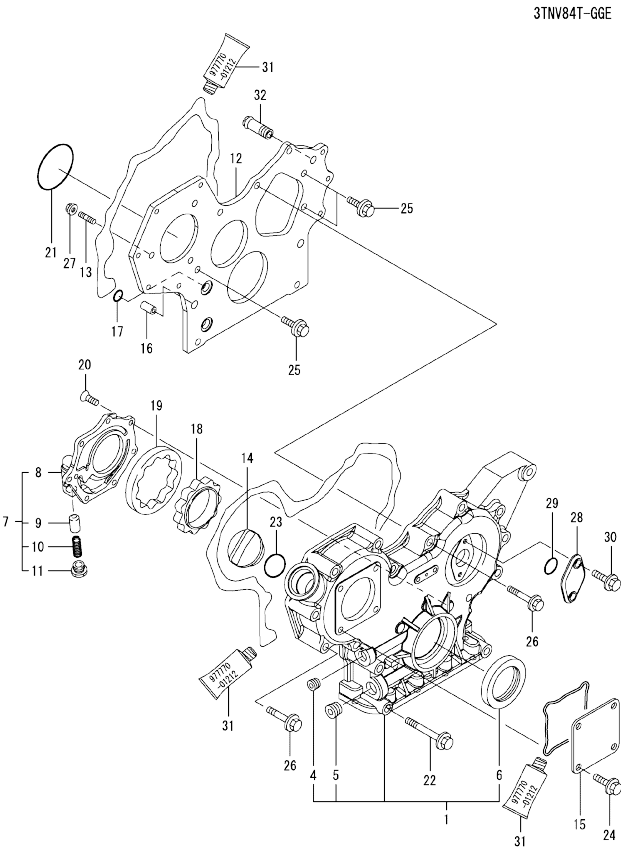
(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3

(D)=3TNV84T-GGE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729005-01500	CASE ASSY, GEAR	1	1	1					
4	2	23876-030000	PLUG, R03	1	1	1					
5	2	23876-040000	PLUG, R04	1	1	1					
6	2	129795-01800	SEAL, OIL	1	1	1					
7	1	119802-32100	COVER ASSY	1	1	1					
8	2	119802-32070	COVER	1	1	1					
9	2	129900-32130	VALVE, RELIEF	1	1	1					
10	2	129418-32320	SPRING	1	1	1					
11	2	129001-32330	PLUG	1	1	1					
12	1	129006-01540	FLANGE, GEAR CASE	1	1	1					
13	1	119802-01560	STUD, M8X25	3	3	3					
14	1	124160-01751	COVER, FILLER	1	1	1					
15	1	124240-01871	COVER	1	1	1					
16	1	129795-01950	PIPE, KNOCK L=18	2	2	2					
17	1	119609-32040	O-RING, P16	4	4	4					
18	1	119802-32111	ROTOR, INNER	1	1	1					
19	1	119802-32120	ROTOR, OUTER	1	1	1					
20	1	119802-32130	SCREW, M6X16	7	7	7					
21	1	121850-51960	O-RING	1	1	1					
22	1	129001-91841	BOLT, M8X85	3	3	3					
23	1	24311-000320	O-RING, 1AP32.0	1	1	1					
24	1	26106-080162	BOLT, M8X 16 PLATED	4	4	4					
25	1	26106-080162	BOLT, M8X 16 PLATED	3	3	3					
26	1	26106-080552	BOLT, M8X 55 PLATED	11	11	11					
27	1	26306-080002	NUT, M8	3	3	3					
28	1	121023-01550	COVER	1	1	1					
29	1	24341-000240	O-RING, 1AS24.0	1	1	1					
30	1	26106-060162	BOLT, M6X 16 PLATED	2	2	2					
31	1	977770-01212	GASKET, LIQUID	1	1	1					1
32	1	129122-44480	JOINT	1	1	1					
33	1	124240-01871	COVER	1	1	1					
34	1	124240-01883	GASKET	1	1	1					
35	1	26106-080162	BOLT, M8X 16 PLATED	4	4	4					
36	1	129430-26070	COVER	1	1	1					
37	1	24321-000800	O-RING, 1AG80.0	1	1	1					
38	1	26106-080252	BOLT, M8X 25 PLATED	1	1	1					
39	1	26106-100302	BOLT, M10X 30 PLATED	2	2	2					

Remarks
(1)Optional parts.

Fig.3. GEAR HOUSING



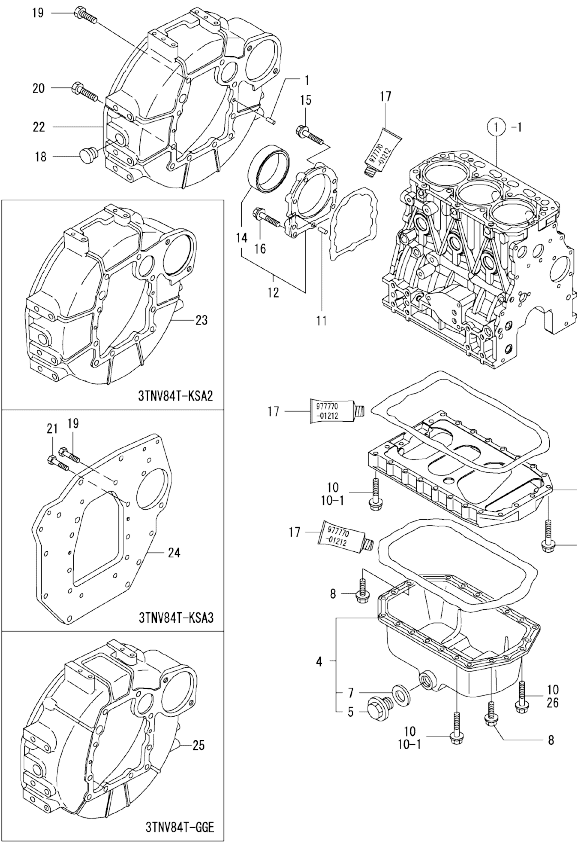
Remarks
(1)Optional parts.

(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3

(D)=3TNV84T-GGE
(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				
4	2	23876-030000	PLUG, R03				1				
5	2	23876-040000	PLUG, R04				1				
6	2	129795-01800	SEAL, OIL				1				
7	1	119802-32100	COVER ASSY				1				
8	2	119802-32070	COVER				1				
9	2	129900-32130	VALVE, RELIEF				1				
10	2	129418-32320	SPRING				1				
11	2	129001-32330	PLUG				1				
12	1	129006-01520	FLANGE, GEAR CASE				1				
13	1	119802-01560	STUD, M8X25				3				
14	1	124160-01751	COVER, FILLER				1				
15	1	124240-01871	COVER				1				
16	1	129795-01950	PIPE, KNOCK L=18				2				
17	1	119609-32040	O-RING, P16				4				
18	1	119802-32111	ROTOR, INNER				1				
19	1	119802-32120	ROTOR, OUTER				1				
20	1	119802-32130	SCREW, M6X16				7				
21	1	121850-51960	O-RING				1				
22	1	129001-91841	BOLT, M8X85				3				
23	1	24311-000320	O-RING, 1AP32.0				1				
24	1	26106-080162	BOLT, M8X 16 PLATED				4				
25	1	26106-080162	BOLT, M8X 16 PLATED				3				
26	1	26106-080552	BOLT, M8X 55 PLATED				12				
27	1	26306-080002	NUT, M8				3				
28	1	121023-01550	COVER				1				
29	1	24341-000240	O-RING, 1AS24.0				1				
30	1	26106-060162	BOLT, M6X 16 PLATED				2				
31	1	977770-01212	GASKET, LIQUID				1				1
32	1	129122-44480	JOINT				1				

Fig.4. FLYWHEEL HOUSING & OIL SUMP

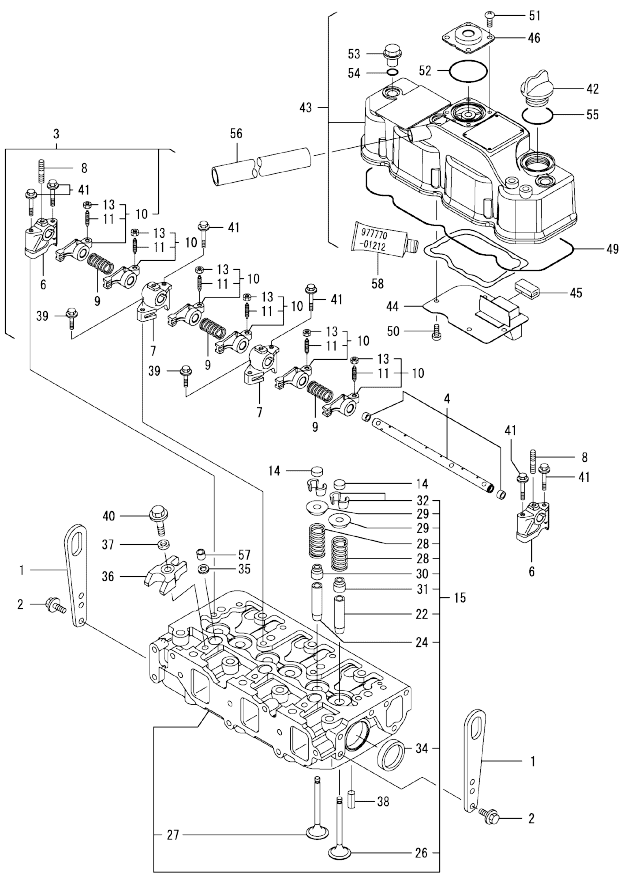


Remarks
(1)Optional parts.

(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3
(D)=3TNV84T-GGE
(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	2	2				
2	1	129100-01730	SPACER, OIL SUMP	1	1	1	1				
4	1	129100-01760	SUMP ASSY, OIL	1	1	1	1				
5	2	119640-01640	PLUG, DRAIN M22	1	1	1	1				
7	2	22190-220002	WASHER, SEAL 22	1	1	1	1				
8	1	26106-080162	BOLT, M8X 16 PLATED	4	4	4	4				
9	1	26106-080252	BOLT, M8X 25 PLATED	2	2	2	2				
10	1	26106-080452	BOLT, M8X 45 PLATED	20	20	20	20				
10-1	1	26106-080452	BOLT, M8X 45 PLATED	16	16	16	16			K	
(A)=FROM 1ST (B)=FROM 1ST (C)=FROM 1ST (D)=FROM 1ST											
11	1	129100-01580	PIN, M8X16	2	2	2	2				
12	1	129100-01640	CASE ASSY, OIL SEAL	1	1	1	1				
14	2	129795-01780	SEAL, OIL	1	1	1	1				
15	1	129486-01670	BOLT, M8X30	6	6	6	6				
16	1	26106-080352	BOLT, M8X 35 PLATED	3	3	3	3				
17	1	977770-01212	GASKET, LIQUID	1	1	1	1				1
18	1	119620-01750	CAP	1	1	1	1				
19	1	26206-100252	BOLT, M10X 25 PLATED	6	6	2	6				
20	1	26206-100302	BOLT, M10X 30 PLATED	4	4		4				
21	1	26206-100202	BOLT, M10X 20 PLATED			6					
22	1	119888-01600	HOUSING, FLYWHEEL	1							
23	1	129612-01600	HOUSING, FLYWHEEL		1						
24	1	129129-01600	FLANGE, MOUNTING			1					
25	1	171420-01600	HOUSING, FLYWHEEL				1				
26	1	26106-080502	BOLT, M8X 50 PLATED	4	4	4	4				W
(A)=FROM 1ST (B)=FROM 1ST (C)=FROM 1ST (D)=FROM 1ST											

Fig.5. CYLINDER HEAD & BONNET

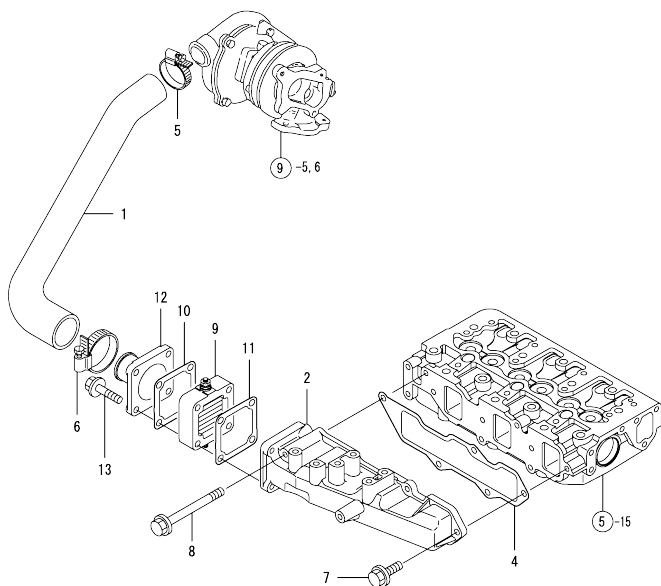


Remarks
(1)Repair parts.
(2)Optional parts.

(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3
(D)=3TNV84T-GGE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129900-07900	LIFTER	2	2	2	2				
2	1	26106-080142	BOLT, M8X 14 PLATED	4	4	4	4				
3	1	129004-11241	SHAFT ASSY, ROCKER	1	1	1	1				
4	2	129004-11251	SHAFT, ROCKER ARM	1	1	1	1				
6	2	119802-11260	SUPPORT, ROCKER ARM	2	2	2	2				
7	2	119802-11270	SUPPORT, ROCKER ARM	2	2	2	2				
8	2	119802-11280	STUD	3	3	3	3				
9	2	129150-11280	SPRING	3	3	3	3				
10	2	129004-11650	ARM, ROCKER	6	6	6	6				
11	3	129150-11230	SCREW, VALVE ADJUST	6	6	6	6				
13	3	129150-11750	NUT, M8	6	6	6	6				
14	1	129150-11370	CAP, VALVE	6	6	6	6				
15	1	129006-11700	HEAD ASSY, CYLINDER	1	1	1	1				
22	2	120130-11860	GUIDE, VALVE	3	3	3	3				1
24	2	129150-11810	GUIDE, VALVE	3	3	3	3				1
26	2	129004-11100	VALVE, INTAKE	3	3	3	3				
27	2	129100-11130	VALVE, EXHAUST	3	3	3	3				
28	2	129795-11120	SPRING, VALVE	6	6	6	6				
29	2	129795-11180	RETAINER, SPRING	6	6	6	6				
30	2	121400-11340	SEAL, VALVE STEM	3	3	3	3				
31	2	124460-11340	SEAL, VALVE STEM	3	3	3	3				
32	2	27310-080001	COTTER, 8	6	6	6	6				
34	2	27241-400000	PLUG, 40	2	2	2	2				
35	1	119625-11880	SEAT, NOZZLE	3	3	3	3				
36	1	129004-11900	RETAINER, NOZZLE	3	3	3	3				
37	1	120270-54410	WASHER, INJECTOR	3	3	3	3				
38	1	22351-060012	PIN, SPRING 6.0X12	2	2	2	2				
39	1	26106-080252	BOLT, M8X 25 PLATED	2	2	2	2				
40	1	26106-080352	BOLT, M8X 35 PLATED	3	3	3	3				
41	1	26106-080502	BOLT, M8X 50 PLATED	6	6	6	6				
42	1	124160-01751	COVER, FILLER	1	1	1	1				
43	1	129006-11350	BONNET ASSY, HEAD	1	1	1	1				
44	2	129004-03010	PLATE	1	1	1	1				
45	2	129150-03070	BAFFLE, BREATHER	1	1	1	1				
46	2	129006-03120	COVER, DIAPHRAGM	1	1	1	1				
49	2	129004-11310	GASKET, BONNET	1	1	1	1				
50	2	22857-500100	SCREW, 5X10	4	4	4	4				
51	2	22857-500100	SCREW, 5X10	4	4	4	4				
52	2	24341-000400	O-RING, 1AS40.0	1	1	1	1				
53	1	124160-11360	KNOB	3	3	3	3				
54	1	24311-000120	O-RING, 1AP12.0	3	3	3	3				
55	1	24311-000320	O-RING, 1AP32.0	1	1	1	1				
56	1	129150-03090	HOSE, ID16X2T	1	1	1	1				
57	1	119802-11870	PROTECTOR, NOZZLE	3	3	3	3				
58	1	977770-01212	GASKET, LIQUID	1	1	1	1				2

Fig.6. SUCTION MANIFOLD

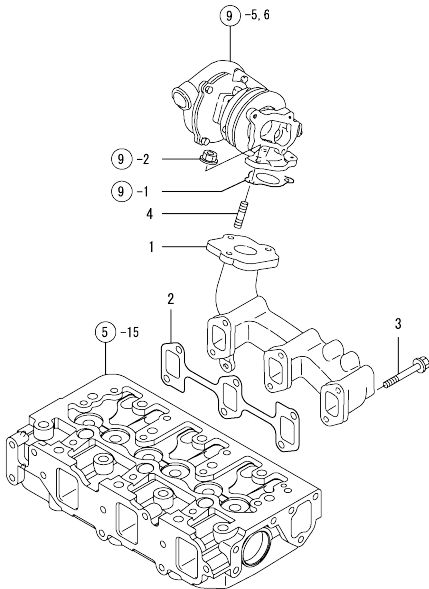


(D)=3TNV84T-GGE
(E)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129006-12060	PIPE, AIR INTAKE	1	1	1	1				
2	1	129006-12100	MANIFOLD, AIR INTAKE	1	1	1	1				
4	1	129001-12110	GASKET, MANIFOLD	1	1	1	1				
5	1	23000-041000	CLAMP, 41	1	1	1	1				
6	1	23000-060000	CLAMP, 60	1	1	1	1				
7	1	26106-080202	BOLT, M8X 20 PLATED	4	4	4	4				
8	1	26106-080802	BOLT, M8X 80 PLATED	1	1	1	1				
9	1	129100-77500	HEATER, AIR 12V	1	1	1	1				
10	1	129100-77510	GASKET	1	1	1	1				
11	1	129150-77511	GASKET	1	1	1	1				
12	1	129165-77520	BEND, AIR HEATER	1	1	1	1				
13	1	26106-080402	BOLT, M8X 40 PLATED	4	4	4	4				

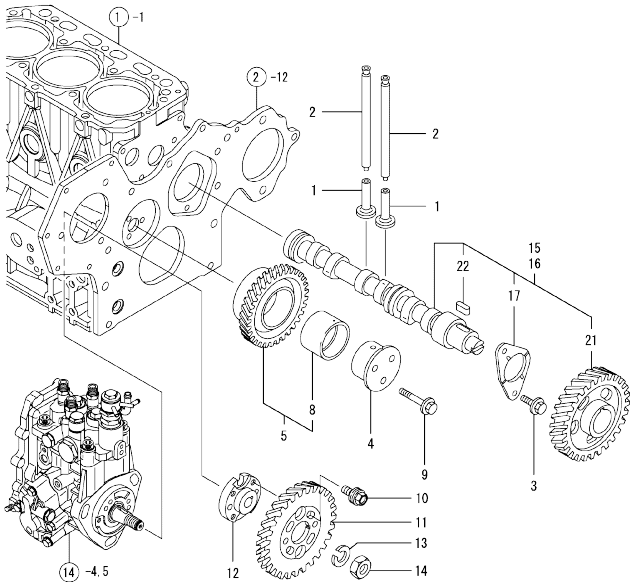
N:Old ^{Yes}/_{No} New. Q:Old ^{No}/_{Yes} New. R:Old ^{Yes}/_{Yes} New. S:Old ^{No}/_{No} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

0CR10-M56300 ENGINE
Fig.7. EXHAUST MANIFOLD



				(A)=3TNV84T-KSA (B)=3TNV84T-KSA2 (C)=3TNV84T-KSA3	0CR10-M56300 Fig.7 (D)=3TNV84T-GGE (E)= (F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129139-13100	MANIFOLD, EXHAUST	1	1	1	1				
2	1	129150-13110	GASKET	1	1	1	1				
3	1	123900-13630	BOLT, M8X80	6	6	6	6				
4	1	119131-18320	STUD, M8X22	3	3	3	3				

Fig.8. CAMSHAFT & DRIVING GEAR

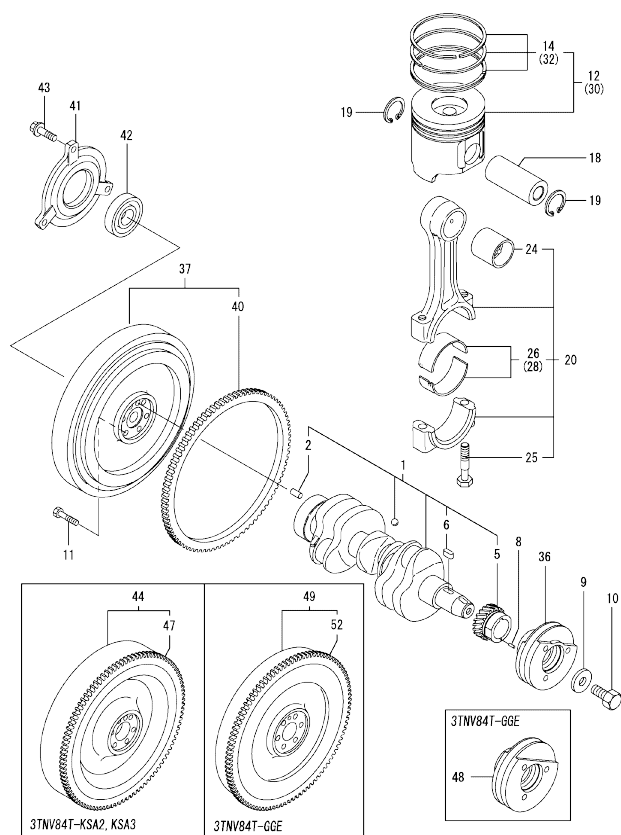


(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3

(D)=3TNV84T-GGE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	6	6	6	6				
2	1	129150-14400	ROD, PUSH L=178	6	6	6	6				
3	1	26106-080142	BOLT, M8X 14 PLATED	2	2	2	2				
4	1	119802-25051	SHAFT, IDLE	1	1	1	1				
5	1	119802-25100	GEAR ASSY, IDLE	1	1	1	1				
8	2	119802-25070	BUSH, IDLE GEAR	1	1	1	1				1
9	1	26106-080402	BOLT, M8X 40 PLATED	3	3	3	3				
10	1	129150-25301	BOLT	4	4	4	4				
11	1	119802-25901	GEAR, PUMP	1	1	1	1				
12	1	158552-51151	FLANGE	1	1	1	1				
13	1	22217-140000	WASHER, SPRING 14	1	1	1	1				
14	1	26776-140002	NUT, LOCK M14	1	1	1	1				
15	1	129129-14580	CAMSHAFT ASSY	1	1	1	1				
16	1	129004-14580	CAMSHAFT ASSY								
17	2	129150-02450	BEARING, THRUST	1	1	1	1				
21	2	129150-14101	GEAR, CAMSHAFT	1	1	1	1				
22	2	22512-070140	KEY, 7X 14	1	1	1	1				

Remarks
(1)Repair parts.



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

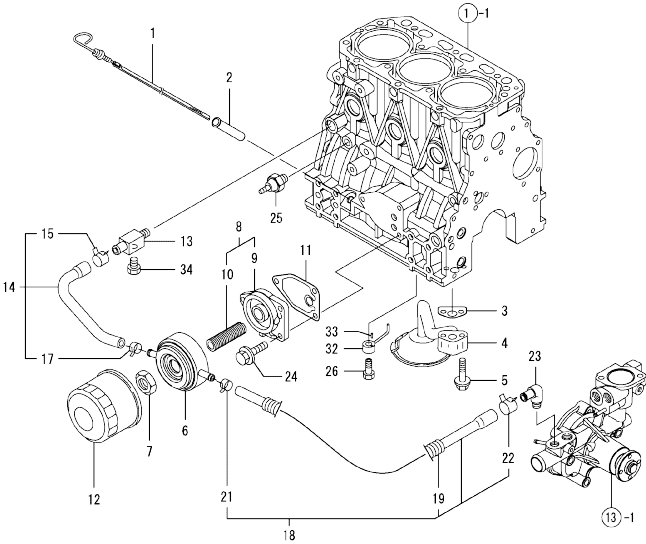
(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3

(D)=3TNV84T-GGE
(E)=
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129004-21002	CRANKSHAFT ASSY	1	1	1	1				
2	2	129100-01580	PIN, M8X16	1	1	1	1				
5	2	119802-21202	GEAR, CRANKSHAFT	1	1	1	1				
6	2	22512-070140	KEY, 7X 14	1	1	1	1				
8	1	12351-030010	PIN, SPRING 3.0X10	1	1	1	1				
9	1	129795-21661	WASHER	1	1	1	1				
10	1	121850-21680	BOLT	1	1	1	1				
11	1	121111-21501	BOLT, FLYWHEEL	6	6	6	6				
12	1	129004-22080	PISTON ASSY	3	3	3	3				
12-1	1	129007-22080	PISTON ASSY	3	3	3	3			N	
		(A=E15495) (B=E15496) (C=E14832) (D=E13108)									
14	2	129004-22500	RING SET, PISTON	3	3	3	3				
14-1	2	129007-22500	RING SET, PISTON	3	3	3	3			N	
		(A=E15495) (B=E15496) (C=E14832) (D=E13108)									
18	1	129202-22300	PIN, PISTON D26 L70	3	3	3	3				
19	1	22252-000260	RING, 26	6	6	6	6				
20	1	729402-23100	ROD ASSY, CONNECTING	3	3	3	3				
24	2	129100-23910	BEARING, PISTON PIN	3	3	3	3				1
25	2	121550-23200	BOLT, CONNECTING ROD	6	6	6	6				
26	2	129150-23600	BEARING, CRANK PIN	3	3	3	3				
28	1	129150-23610	BEARING, 0.25 US	3	3	3	3				2
30	1	129004-22900	PISTON ASSY, 0.25 OS	3	3	3	3				3
30-1	1	129007-22900	PISTON ASSY, 0.25 OS	3	3	3	3			N	3
		(A=E15495) (B=E15496) (C=E14832) (D=E13108)									
32	2	129004-22950	RING SET, 0.25 OS	3	3	3	3				3
32-1	2	129007-22950	RING SET, 0.25 OS	3	3	3	3			N	3
		(A=E15495) (B=E15496) (C=E14832) (D=E13108)									
36	1	129004-21650	V-PULLEY, 110	1	1	1					
37	1	129188-21590	FLYWHEEL ASSY	1							
40	2	119865-21600	GEAR, RING	1							
41	1	119888-21450	RETAINER, BEARING	1							
42	1	24104-062054	BEARING, BALL 6205UU	1							
43	1	26106-080222	BOLT, M8X 22 PLATED	3							
44	1	171340-21580	FLYWHEEL ASSY		1	1					
47	2	119865-21600	GEAR, RING		1	1					
48	1	129005-21650	V-PULLEY, 120					1			
49	1	171340-21590	FLYWHEEL ASSY					1			
52	2	124550-21600	GEAR, RING					1			

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.11. LUB. OIL SYSTEM



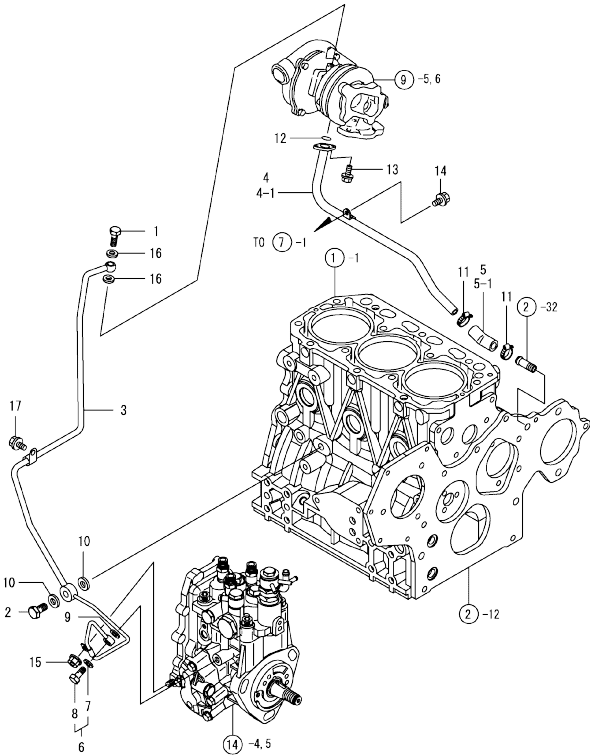
Remarks
(1)Repair parts.

(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3

(D)=3TNV84T-GGE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-34801	DIPSTICK, OIL	1	1	1	1				
2	1	121520-34810	GUIDE, DIPSTICK	1	1	1	1				
3	1	129150-35041	GASKET	1	1	1	1				
4	1	129100-35301	PIPE ASSY, OIL INLET	1	1	1	1				
5	1	26106-080352	BOLT, M8X 35 PLATED	2	2	2	2				
6	1	129508-33010	COOLER ASSY, OIL	1	1	1	1				
7	1	129417-33110	NUT	1	1	1	1				
8	1	129006-35100	BRACKET ASSY, FILTER	1	1	1	1				
9	2	119802-35110	BRACKET, FILTER	1	1	1	1				
10	2	129417-35150	STUD, L=67	1	1	1	1				
11	1	129150-35111	GASKET	1	1	1	1				
12	1	129150-35170	FILTER,LO	1	1	1	1				1
13	1	129006-44480	JOINT	1	1	1	1				
14	1	129508-49030	PIPE ASSY, WATER	1	1	1	1				
15	2	171008-03990	CLIP, HOSE 18.5	1	1	1	1				
17	2	23080-015000	CLAMP, 15	1	1	1	1				
18	1	129006-49040	PIPE ASSY, WATER	1	1	1	1				
19	2	123951-03330	TUBE, CORRUGATED	1	1	1	1				
21	2	23080-015000	CLAMP, 15	1	1	1	1				
22	2	23080-018000	CLAMP, 18	1	1	1	1				
23	1	129103-49301	ELBOW, PT1/4	1	1	1	1				
24	1	26106-080202	BOLT, M8X 20 PLATED	3	3	3	3				
25	1	114250-39450	SWITCH, 0.5KG	1	1	1	1				
26	1	129792-39410	VALVE ASSY, CHECK	3	3	3	3				
32	1	129553-39650	NOZZLE	3	3	3	3				
33	1	22351-030010	PIN, SPRING 3.0X10	3	3	3	3				
34	1	171056-49120	PLUG, DRAIN	1	1	1	1				

Fig.12. LUB. OIL PIPING



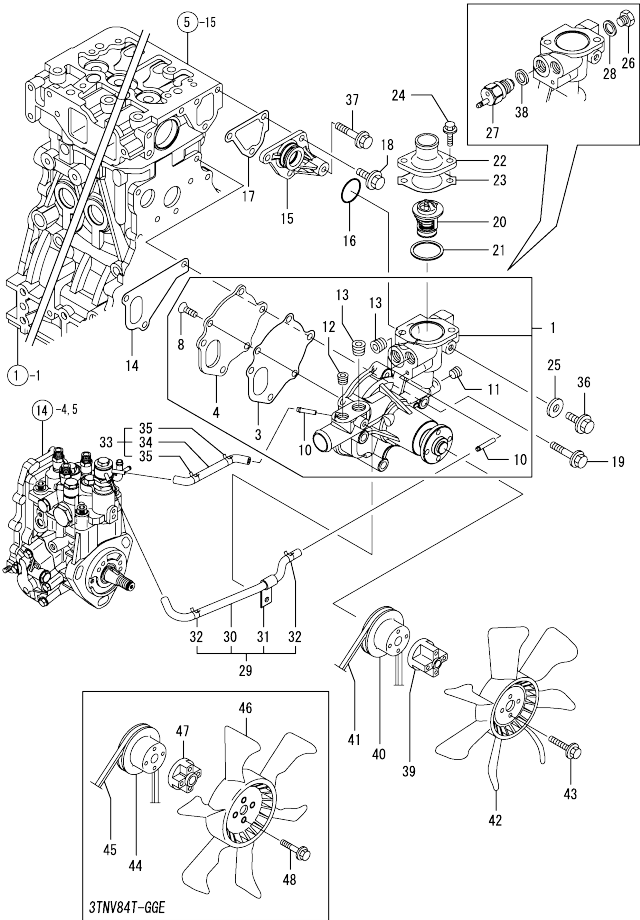
Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.No.5-1.

(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3

(D)=3TNV84T-GGE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	105010-39140	BOLT, PIPE JOINT	1	1	1	1				
2	1	124160-39140	BOLT, PIPE JOINT M10	1	1	1	1				
3	1	129006-39450	PIPE ASSY, OIL	1	1	1	1				
4	1	129139-39601	PIPE, OIL	1	1	1	1				
4-1	1	129139-39610	PIPE, LUB.RETURN	1	1	1	1			F	1
(A=E34640) (B=*2007.06.) (C=*2007.06.) (D=E35204)											
5	1	129403-39610	JOINT, RUBBER	1	1	1	1				
5-1	1	129044-39610	JOINT, RUBBER	1	1	1	1			S	
(A=E34640) (B=*2007.06.) (C=*2007.06.) (D=E35204)											
6	1	129005-59830	BOLT ASSY, JOINT M8	1	1	1	1				
7	2	22190-080002	WASHER, SEAL 6	1	1	1	1				
8	2	23857-030000	BOLT, JOINT 3	1	1	1	1				
9	1	22190-080002	WASHER, SEAL 6	1	1	1	1				
10	1	22190-100002	WASHER, SEAL 10	2	2	2	2				
11	1	23000-022000	CLAMP, 22	2	2	2	2				
12	1	24314-000160	O-RING, 4CP16.0	1	1	1	1				
13	1	26106-060162	BOLT, M6X 16 PLATED	2	2	2	2				
14	1	26106-080122	BOLT, M8X 12 PLATED	1	1	1	1				
15	1	26366-060002	NUT, M6	1	1	1	1				
16	1	23414-080000	GASKET, 8X1.0	2	2	2	2				
17	1	26106-080122	BOLT, M8X 12 PLATED	1	1	1	1				

Fig.13. COOLING WATER SYSTEM



(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3

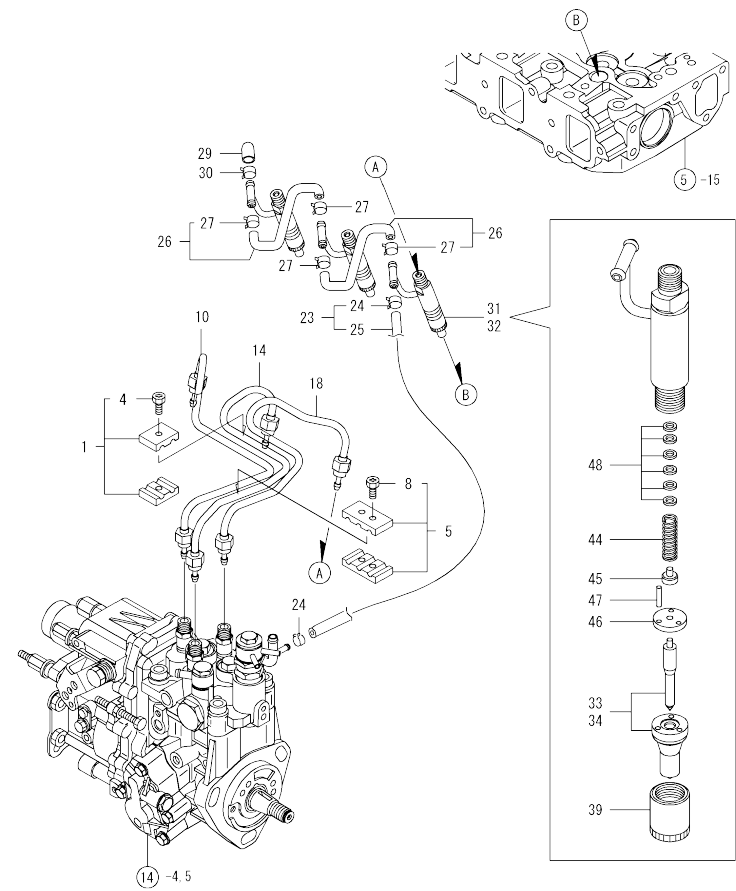
(D)=3TNV84T-GGE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-42001	PUMP ASSY, WATER	1	1	1	1				
3	2	129100-42051	GASKET, WATER PUMP	1	1	1	1				
4	2	129100-42121	PLATE	1	1	1	1				
8	2	121850-42410	SCREW	3	3	3	3				
10	2	119802-49113	JOINT, PIPE	2	2	2	2				
11	2	23876-010000	PLUG, R01	1	1	1	1				
12	2	23876-020000	PLUG, R02	1	1	1	1				
13	2	129916-49740	PLUG, R03	2	2	2	2				
14	1	129486-42021	GASKET, WATER PUMP	1	1	1	1				
15	1	129004-42040	JOINT	1	1	1	1				
16	1	129486-42140	O-RING, G30	1	1	1	1				
17	1	124395-49840	GASKET	1	1	1	1				
18	1	26106-080162	BOLT, M8X 16 PLATED	3	3	3	3				
19	1	26106-080602	BOLT, M8X 60 PLATED	3	3	3	3				
20	1	129155-49801	THERMOSTAT, 71	1	1	1	1				
21	1	129150-49811	GASKET, THERMOSTAT	1	1	1	1				
22	1	129350-49530	COVER, THERMOSTAT	1	1	1	1				
23	1	129795-49551	GASKET	1	1	1	1				
24	1	26106-080222	BOLT, M8X 22 PLATED	2	2	2	2				
25	1	23414-080000	GASKET, 8X1.0	1	1	1	1				
26	1	121450-42450	PLUG, M16	1	1	1	1				
27	1	121250-44901	SWITCH, 110	1	1	1	1				
28	1	124465-44950	GASKET, 16	1	1	1	1				
29	1	129004-49610	PIPE ASSY, WATER	1	1	1	1				
30	2	129004-49711	PIPE ASSY, WATER	1	1	1	1				
31	2	119802-49730	RETAINER, PIPE	1	1	1	1				
32	2	124722-59050	CLIP, HOSE 9	2	2	2	2				
33	1	129004-49620	PIPE ASSY, WATER	1	1	1	1				
34	2	129004-49721	PIPE ASSY, WATER	1	1	1	1				
35	2	124722-59050	CLIP, HOSE 9	2	2	2	2				
36	1	26106-080122	BOLT, M8X 12 PLATED	1	1	1	1				
37	1	26106-080452	BOLT, M8X 45 PLATED	1	1	1	1				
38	1	124465-44950	GASKET, 16	1	1	1	1				
39	1	171353-44760	SPACER, FAN	1	1	1	1				
40	1	129403-42380	V-PULLEY, D=110	1	1	1	1				
41	1	119865-42290	V-BELT, A36.5	1	1	1	1				
41-1	1	25152-003600	V-BELT, A36	1	1	1	1				
(A)=EXXXXX (B)=EXXXXX (C)=EXXXXX											
42	1	121267-44741	FAN, COOLING D=360	1	1	1	1				
43	1	26106-060402	BOLT, M6X 40 PLATED	4	4	4	4				
44	1	129155-42350	V-PULLEY							1	
45	1	119831-42290	V-BELT, A37.5							1	
46	1	129030-44740	FAN, COOLING D360XUG							1	
47	1	121267-44760	SPACER							1	
48	1	26106-060302	BOLT, M6X 30 PLATED							4	

[illegible]

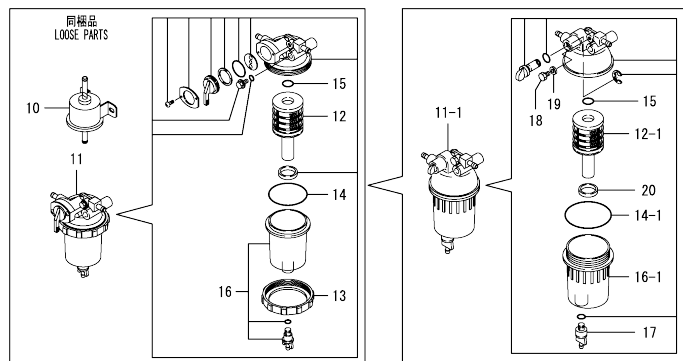
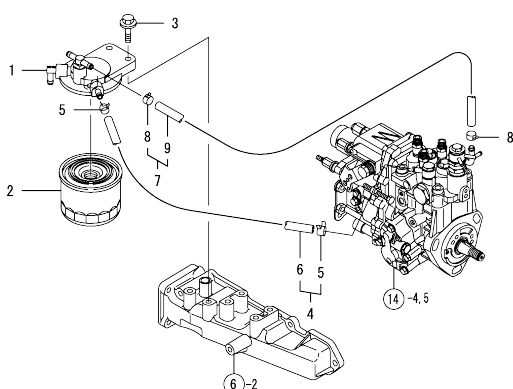
N:Old $\xrightarrow{\text{Yes}} \text{New. Q:Old} \xrightarrow{\text{No}} \text{New. R:Old} \xrightarrow{\text{Yes}} \text{New. S:Old} \xrightarrow{\text{No}} \text{New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change}$
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Fig.15. FUEL INJECTION VALVE



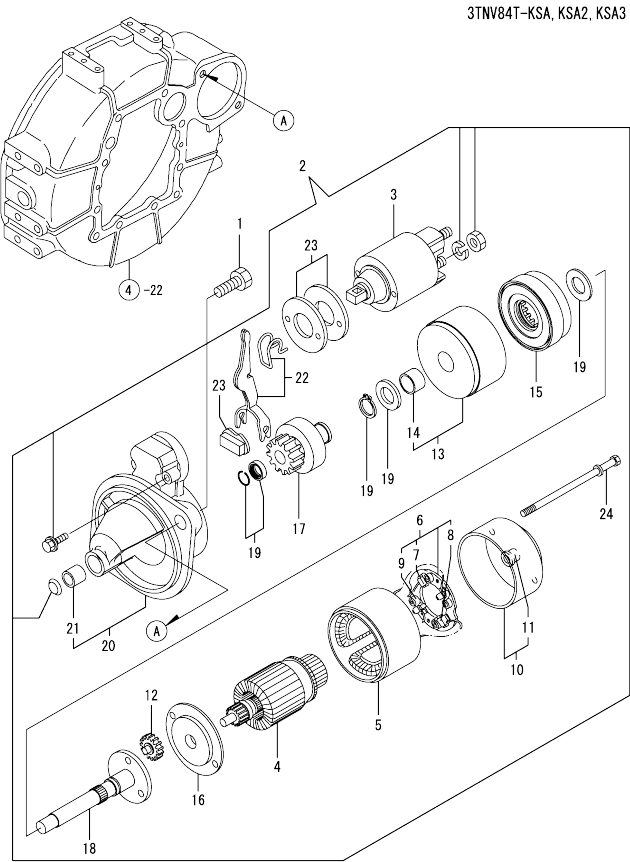
(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3
(D)=3TNV84T-GGE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119305-59120	RETAINER, PIPE	1	1	1	1				
4	2	129150-59131	BOLT, M4X14	1	1	1	1				
5	1	129150-59120	RETAINER, PIPE	1	1	1	1				
8	2	129150-59131	BOLT, M4X14	2	2	2	2				
10	1	129004-59810	PIPE ASSY, INJECTION	1	1	1	1				
14	1	129004-59820	PIPE ASSY, INJECTION	1	1	1	1				
18	1	129004-59830	PIPE ASSY, INJECTION	1	1	1	1				
23	1	119802-59550	PIPE ASSY, RETURN	1	1	1	1				
24	2	124722-59050	CLIP, HOSE 9	2	2	2	2				
25	2	119802-59560	PIPE, FUEL RETURN	1	1	1	1				
26	1	129486-59551	PIPE ASSY, RETURN	2	2	2	2				
27	2	124722-59050	CLIP, HOSE 9	4	4	4	4				
29	1	119593-59580	CAP	1	1	1	1				
30	1	124060-77680	CLIP, HOSE 10	1	1	1	1				
31	1	729005-53101	VALVE ASSY,INJECTION	3	3	3					
32	1	729046-53100	VALVE ASSY,INJECTION				3				
33	2	129005-53001	VALVE ASSY,INJECTION	3	3	3					
34	2	129046-53000	VALVE ASSY,INJECTION				3				
39	2	114250-53080	NUT, NOZZLE D16.95	3	3	3	3				
44	2	114250-53120	SPRING, NOZZLE	3	3	3	3				
45	2	114250-53130	SEAT, SPRING	3	3	3	3				
46	2	114250-53140	PLATE	3	3	3	3				
47	2	114250-53210	PIN	6	6	6	6				
48	2	114250-53400	SHIM SET	3	3	3	3				



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129004-55610	BRACKET, FILTER	1	1	1	1	1			
2	1	119802-55800	FILTER, FUEL	1	1	1	1				
3	1	26106-080302	BOLT, M8X 30 PLATED	2	2	2	2	2			
4	1	129210-59100	PIPE ASSY, FUEL	1	1	1	1	1			
5	2	124766-59050	CLIP, HOSE 12	2	2	2	2	2			
6	2	105025-59580	PIPE, FUEL	1	1	1	1	1			
7	1	129210-59230	PIPE ASSY, FUEL	1	1	1	1	1			
8	2	124766-59050	CLIP, HOSE 12	2	2	2	2	2			
9	2	129555-59511	PIPE, FUEL	1	1	1	1	1			
10	1	119225-52102	PUMP ASSY, FUEL FEED	1	1	1	1	1			
11	1	119802-55700	SEPARATOR ASSY	1	1	1	1	1			
11-1	1	129242-55700	SEPARATOR ASSY	1	1	1	1	1			N
	(A="2008.08.)	(B="2008.08.)	(C="2008.08.)	(D="2008.08.)							
12	2	119802-55710	ELEMENT	1	1	1	1	1			
12-1	2	129242-55730	ELEMENT	1	1	1	1	1			S
	(A="2008.08.)	(B="2008.08.)	(C="2008.08.)	(D="2008.08.)							
13	2	129100-55690	RING, RETAINING	1	1	1	1	1			Z
	(A="2008.08.)	(B="2008.08.)	(C="2008.08.)	(D="2008.08.)							
14	2	24321-000650	O-RING, 1AG65.0	1	1	1	1	1			
14-1	2	24321-000750	O-RING, 1AG75.0	1	1	1	1	1			S
	(A="2008.08.)	(B="2008.08.)	(C="2008.08.)	(D="2008.08.)							
15	2	24311-000160	O-RING, 1AP16.0	1	1	1	1	1			
16	2	119802-55730	CUP ASSY	1	1	1	1	1			W
	(A=FROM 1ST)	(B=FROM 1ST)	(C=FROM 1ST)	(D=FROM 1ST)							
16-1	2	129242-55720	CUP	1	1	1	1	1			S
	(A="2008.08.)	(B="2008.08.)	(C="2008.08.)	(D="2008.08.)							
17	2	129242-55740	PLUG, DRAIN	1	1	1	1	1			W
	(A="2008.08.)	(B="2008.08.)	(C="2008.08.)	(D="2008.08.)							
18	2	129242-55750	VALVE, AIR VENT	1	1	1	1	1			W
	(A="2008.08.)	(B="2008.08.)	(C="2008.08.)	(D="2008.08.)							
19	2	129242-55760	GASKET	1	1	1	1	1			W
	(A="2008.08.)	(B="2008.08.)	(C="2008.08.)	(D="2008.08.)							
20	2	129242-55770	FLOAT	1	1	1	1	1			W
	(A="2008.08.)	(B="2008.08.)	(C="2008.08.)	(D="2008.08.)							

OCR10-M56300 ENGINE
Fig.17. STARTING MOTOR



3TNV84T-KSA, KSA2, KSA3

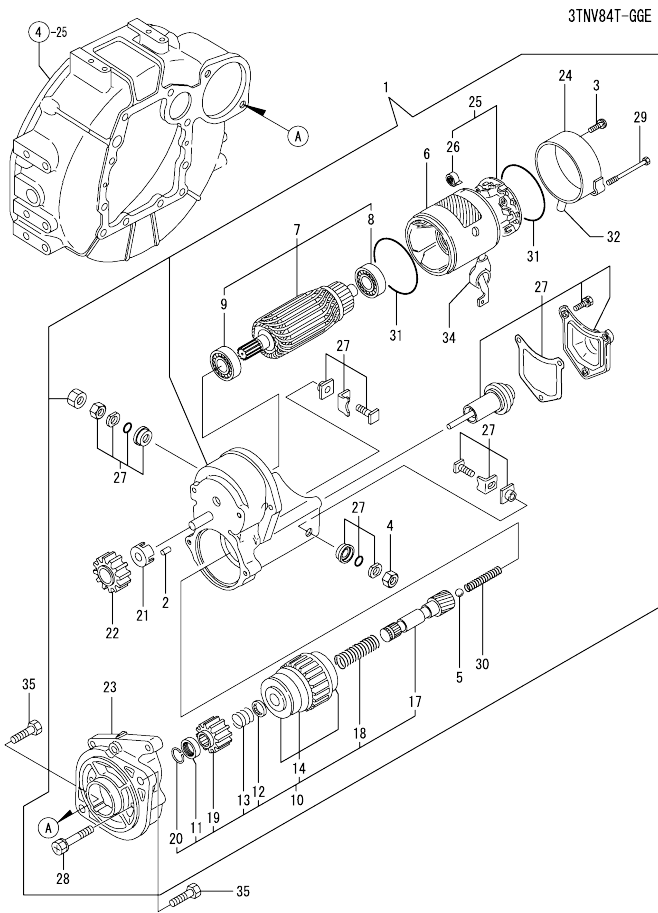
OCR10-M56300 Fig.17

(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3

(D)=3TNV84T-GGE
(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	2					
2	1	129242-77010	STARTER, 1.7	1	1	1					
3	2	129698-77020	SWITCH ASSY	1	1	1					
4	2	129242-77100	ARMATURE ASSY	1	1	1					
5	2	129242-77110	YOKE ASSY	1	1	1					
6	2	129242-77120	HOLDER ASSY, BRUSH	1	1	1					
7	3	129242-77130	BRUSH	2	2	2					
8	3	129242-77140	BRUSH SET	1	1	1					
9	3	129242-77150	SPRING	4	4	4					
10	2	129242-77160	COVER ASSY	1	1	1					
11	3	129242-77170	METAL	1	1	1					
12	2	118400-77170	GEAR	3	3	3					
13	2	129242-77180	BRACKET	1	1	1					
14	3	129698-77190	BRACKET	1	1	1					
15	2	129698-77200	GEAR, INTERNAL	1	1	1					
16	2	129242-77210	BRACKET	1	1	1					
17	2	129698-77220	PINION ASSY	1	1	1					
18	2	129698-77230	SHAFT	1	1	1					
19	2	129698-77250	WASHER SET	1	1	1					
20	2	129242-77260	CASE ASSY	1	1	1					
21	3	X2114535200	METAL, STARTER	1	1	1					
22	2	129242-77270	LEVER SET	1	1	1					
23	2	129242-77280	COVER ASSY, DUST	1	1	1					
24	2	124195-77770	BOLT, THROUGH	2	2	2					

OCR10-M56300 ENGINE
Fig.18. STARTING MOTOR



OCR10-M56300 Fig.18

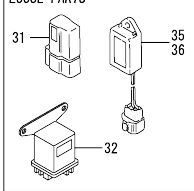
(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3

(D)=3TNV84T-GGE
(E)=
(F)=

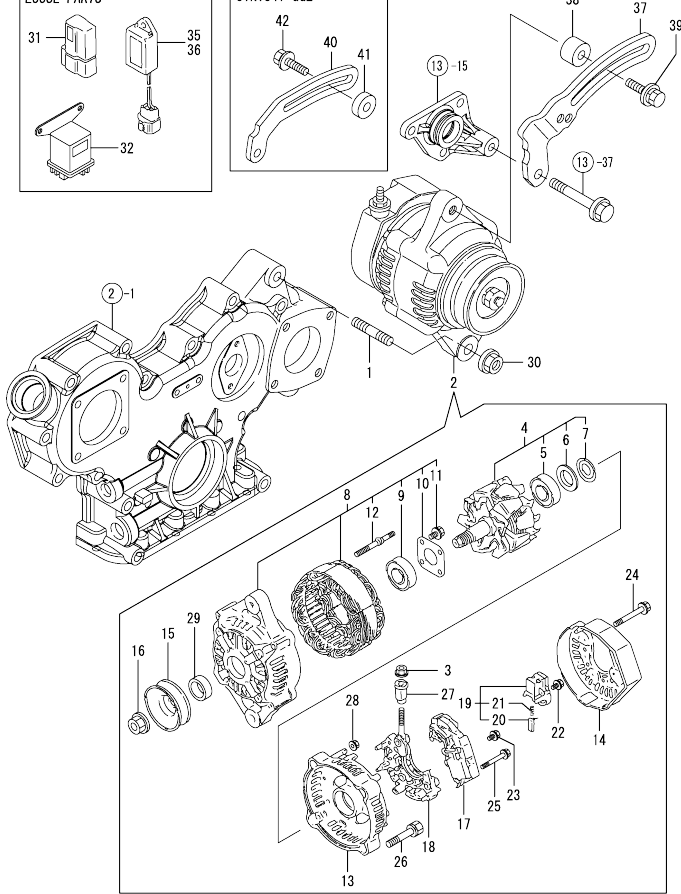
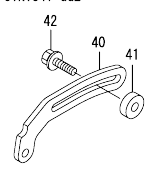
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129129-77010	STARTER ASSY				1				
2	2	X0283060061	ROLLER				5				
3	2	129129-77460	SCREW				2				
4	2	X9490561370	NUT				1				
5	2	X9491200240	BALL				1				
6	2	129129-77210	YOKE ASSY				1				
7	2	129129-77220	ARMATURE ASSY				1				
8	3	129129-77230	BEARING				1				
9	3	129129-77240	BEARING				1				
10	2	129129-77250	STARTER				1				
11	3	X0280210230	NUT				1				
12	3	X0283270140	RETAINER				1				
13	3	X9491703371	SPRING, COIL				1				
14	3	129129-77390	CLUTCH ASSY				1				
17	3	129129-77400	SHAFT				1				
18	3	129129-77410	SPRING, COIL				1				
19	3	129129-77420	PINION, STARTER				1				
20	3	129129-77430	RING				1				
21	2	129129-77260	RETAINER				1				
22	2	129129-77270	PINION				1				
23	2	129129-77280	HOUSING				1				
24	2	129129-77290	FRAME				1				
25	2	129129-77300	HOLDER ASSY				1				
26	3	X9491730461	SPRING				4				
27	2	129129-77310	SWITCH ASSY				1				
28	2	129129-77320	BOLT				2				
29	2	129129-77330	BOLT				2				
30	2	129129-77340	SPRING				1				
31	2	129129-77350	O-RING				2				
32	2	129129-77362	COVER				1				
34	2	129129-77380	CAP				1				
35	1	26116-120252	BOLT, M12X 25 PLATED				2				

Fig.19. GENERATOR

LOOSE PARTS



3TNV84T-GGE

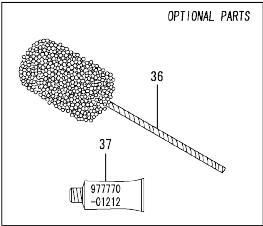
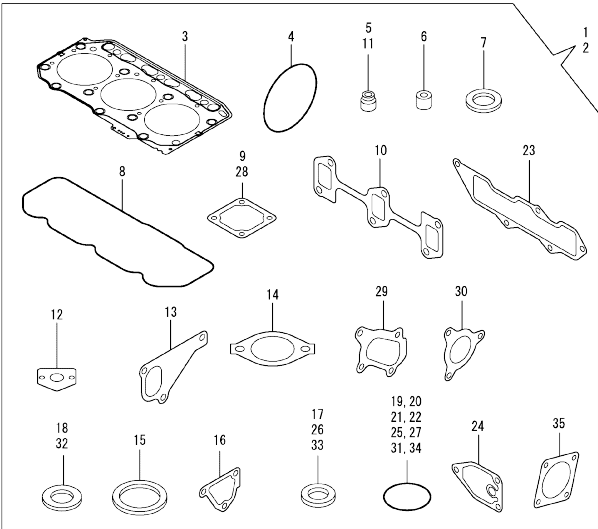


(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3

(D)=3TNV84T-GGE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129795-01900	STUD	1	1	1	1				
2	1	129423-77200	GENERATOR, 12V-40A	1	1	1	1				
3	2	X9490561001	NUT	1	1	1	1				
4	2	119620-77380	ROTOR ASSY	1	1	1	1				
5	3	123501-79240	BEARING, BALL	1	1	1	1				
6	3	119620-79250	COVER	1	1	1	1				
7	3	119620-79360	WASHER, THRUST	1	1	1	1				
8	2	119620-77421	FRAME ASSY, DRIVE	1	1	1	1				
9	3	119620-79200	BEARING, BALL	1	1	1	1				
10	3	119620-79210	PLATE, RETAINER	1	1	1	1				
11	3	119620-79220	SCREW	4	4	4	4				
12	3	119620-79230	STUD	2	2	2	2				
13	2	119620-77440	FRAME ASSY	1	1	1	1				
14	2	129240-79300	COVER	1	1	1	1				
15	2	119620-77461	PULLEY	1	1	1	1				
16	2	119620-77471	NUT	1	1	1	1				
17	2	129423-77710	REGULATOR ASSY	1	1	1	1				
18	2	119620-79260	HOLDER	1	1	1	1				
19	2	119620-79270	HOLDER, BRUSH	1	1	1	1				
20	3	119620-77480	BRUSH ASSY	2	2	2	2				
21	3	119620-79280	SPRING	2	2	2	2				
22	2	119620-79290	SCREW	6	6	6	6				
23	2	119620-79300	SCREW	1	1	1	1				
24	2	119620-79310	BOLT	3	3	3	3				
25	2	119620-79320	SCREW	2	2	2	2				
26	2	119620-79330	BOLT	2	2	2	2				
27	2	119620-79340	BUSH, INSULATION	1	1	1	1				
28	2	119620-79350	NUT	2	2	2	2				
29	2	119620-77490	COLLAR	1	1	1	1				
30	1	26306-100002	NUT, M10	1	1	1	1				
31	1	119643-66900	DIODE	1	1	1	1				
32	1	119650-77910	RELAY ASSY, GLOW	1	1	1	1				
35	1	129211-77920	TIMER	1	1	1	1				
36	1	128300-77920	TIMER	1	1	1	1				
37	1	129064-77330	ADJUSTER	1	1	1	1				
38	1	129067-77340	SPACER	1	1	1	1				
39	1	26014-080452	BOLT, M8X 45	1	1	1	1				
40	1	119940-77330	ADJUSTER							1	
41	1	119940-77270	SPACER, GENERATOR							1	
42	1	119802-77340	BOLT, ADJUSTER							1	

Fig.20. GASKET SET

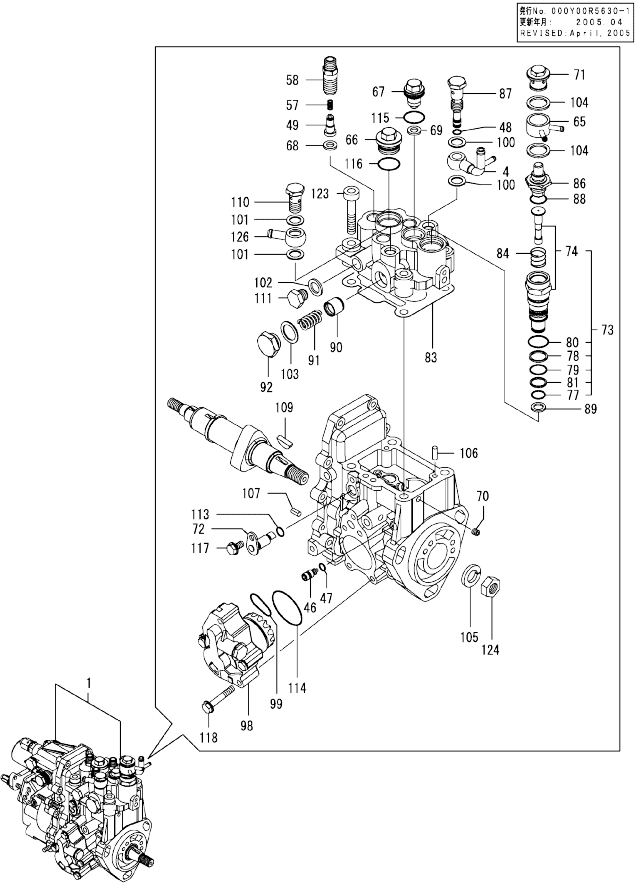


Remarks
(1)Optional parts.

(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3
(D)=3TNV84T-GGE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729246-92730	GASKET SET	1	1	1					1
2	1	729246-92690	GASKET SET				1				1
3	2	129002-01331	GASKET, HEAD	1	1	1	1				
4	2	121850-51960	O-RING	1	1	1	1				
5	2	124460-11340	SEAL, VALVE STEM	3	3	3	3				
6	2	119802-11870	PROTECTOR, NOZZLE	3	3	3	3				
7	2	119625-11880	SEAT, NOZZLE	3	3	3	3				
8	2	129004-11310	GASKET, BONNET	1	1	1	1				
9	2	129150-77511	GASKET	1	1	1	1				
10	2	129150-13110	GASKET	1	1	1	1				
11	2	121400-11340	SEAL, VALVE STEM	3	3	3	3				
12	2	129150-35041	GASKET	1	1	1	1				
13	2	129486-42021	GASKET, WATER PUMP	1	1	1	1				
14	2	129795-49551	GASKET	1	1	1	1				
15	2	129150-49811	GASKET, THERMOSTAT	1	1	1	1				
16	2	124395-49840	GASKET	1	1	1	1				
17	2	22190-080002	WASHER, SEAL 6	2	2	2	2				
18	2	124465-44950	GASKET, 16	2	2	2	2				
19	2	24311-000120	O-RING, 1AP12.0	3	3	3	3				
20	2	24311-000320	O-RING, 1AP32.0	2	2	2	2				
21	2	24341-000240	O-RING, 1AS24.0	1	1	1	1				
22	2	129486-42140	O-RING, G30	1	1	1	1				
23	2	129001-12110	GASKET, MANIFOLD	1	1	1	1				
24	2	129150-35111	GASKET	1	1	1	1				
25	2	119609-32040	O-RING, P16	4	4	4	4				
26	2	22190-100002	WASHER, SEAL 10	2	2	2	2				
27	2	24341-000400	O-RING, 1AS40.0	1	1	1	1				
28	2	129100-77510	GASKET	1	1	1	1				
29	2	129403-18091	GASKET	1	1	1	1				
30	2	129535-18100	GASKET	1	1	1	1				
31	2	24314-000160	O-RING, 4CP16.0	1	1	1	1				
32	2	23414-080000	GASKET, 8X1.0	3	3	3	3				
33	2	22190-220002	WASHER, SEAL 22	1	1	1	1				
34	2	24321-000800	O-RING, 1AG80.0	1	1	1	1				
35	2	124240-01883	GASKET	1	1	1	1				
36	1	129400-92420	HONE	1	1	1	1				1
37	1	977770-01212	GASKET, LIQUID	1	1	1	1				1

Fig.21. FUEL INJECTION PUMP(INNER PARTS)



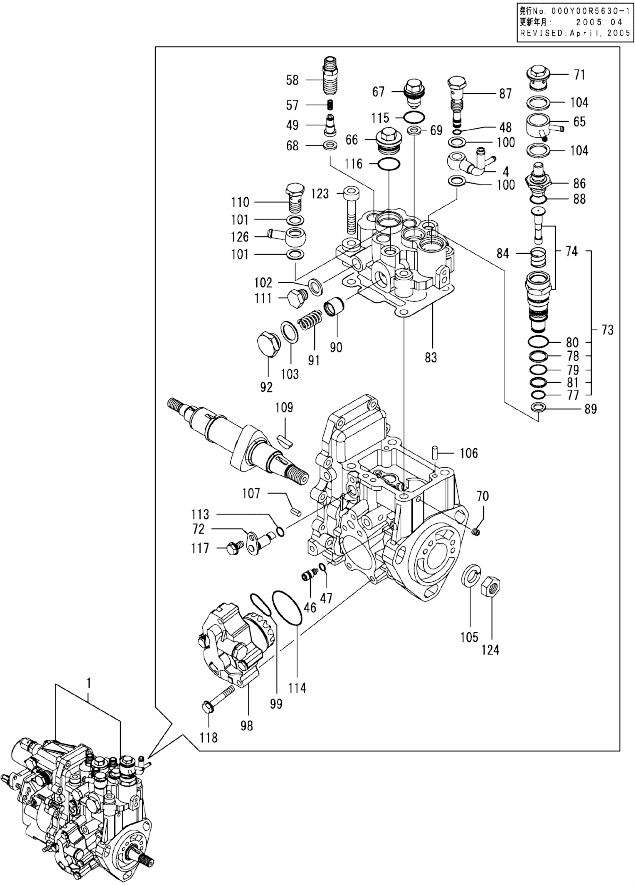
Remarks
(1)Governor(Fig.22) is incorporated in this Fuel Injection Pump(No.1).

(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3
(D)=3TNV84T-GGE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729006-51310	PUMP ASSY, INJECTION	1	1	1					1
4	2	158552-51670	JOINT, OVER FLOW	1	1	1					
46	2	158600-51270	STOPPER, TAPPET	1	1	1					
47	2	158563-51281	O-RING, 4D S6	1	1	1					
48	2	158563-51281	O-RING, 4D S6	1	1	1					
49	2	158560-51300	VALVE ASSY, DELIVERY	3	3	3					
57	2	158563-51330	SPRING, DELIVERY	3	3	3					
58	2	158601-51340	HOLDER, DELIVERY	3	3	3					
65	2	158553-51551	JOINT	1	1	1					
66	2	158601-51550	PLUG	1	1	1					
67	2	119802-51560	PLUG, BARREL	1	1	1					
68	2	158552-51570	GASKET	3	3	3					
69	2	158552-51570	GASKET	1	1	1					
70	2	158557-51570	PLUG	1	1	1					
71	2	158601-51570	PLUG	1	1	1					
72	2	158552-51580	LIFTER	1	1	1					
73	2	119802-51590	TIMER SET	1	1	1					
74	3	119802-51600	TIMER ASSY	1	1	1					
77	3	158553-51670	O-RING, 1011	1	1	1					
78	3	119802-51680	RING, BACK UP	1	1	1					
79	3	119802-51690	O-RING	1	1	1					
80	3	24356-010200	O-RING, 4D1020	1	1	1					
81	3	24372-000150	RING, BACK UP T2P15	1	1	1					
83	2	158552-51600	GASKET	1	1	1					
84	2	158553-51630	SPRING, TIMER	1	1	1					
86	2	158553-51640	ELEMENT	1	1	1					
87	2	158601-51650	JOINT, OVER FLOW	1	1	1					
88	2	158553-51660	O-RING, P14	1	1	1					
89	2	158553-51680	GASKET	1	1	1					
90	2	158601-51770	PISTON	1	1	1					
91	2	158552-51780	SPRING	1	1	1					
92	2	158601-51790	PLUG	1	1	1					
98	2	158552-52100	PUMP ASSY, FUEL FEED	1	1	1					
99	2	158552-52310	O-RING	1	1	1					
100	2	22190-120002	WASHER, SEAL 12	2	2	2					
101	2	22190-120002	WASHER, SEAL 12	2	2	2					
102	2	22190-120002	WASHER, SEAL 12	1	1	1					
103	2	22190-180002	WASHER, SEAL 18	1	1	1					
104	2	22190-180002	WASHER, SEAL 18	2	2	2					
105	2	22217-140000	WASHER, SPRING 14	1	1	1					
106	2	22312-050140	PIN, PARALLEL M5X14	2	2	2					
107	2	22351-050010	PIN, SPRING 5.0X10	2	2	2					
109	2	119802-51090	KEY, 4X16	1	1	1					
110	2	23857-060000	BOLT, JOINT 6	1	1	1					
111	2	23887-120002	PLUG, 12	1	1	1					
113	2	24311-000070	O-RING, 1AP7.0	1	1	1					
114	2	158552-52400	O-RING, 4E S42	1	1	1					
115	2	24356-010180	O-RING, 4D10180	1	1	1					
116	2	24356-010200	O-RING, 4D1020	1	1	1					
117	2	26106-060102	BOLT, M6X 10 PLATED	1	1	1					
118	2	158553-51770	BOLT	4	4	4					

N:Old $\frac{100}{100}$ New, O: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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Fig.21. FUEL INJECTION PUMP(INNER PARTS)



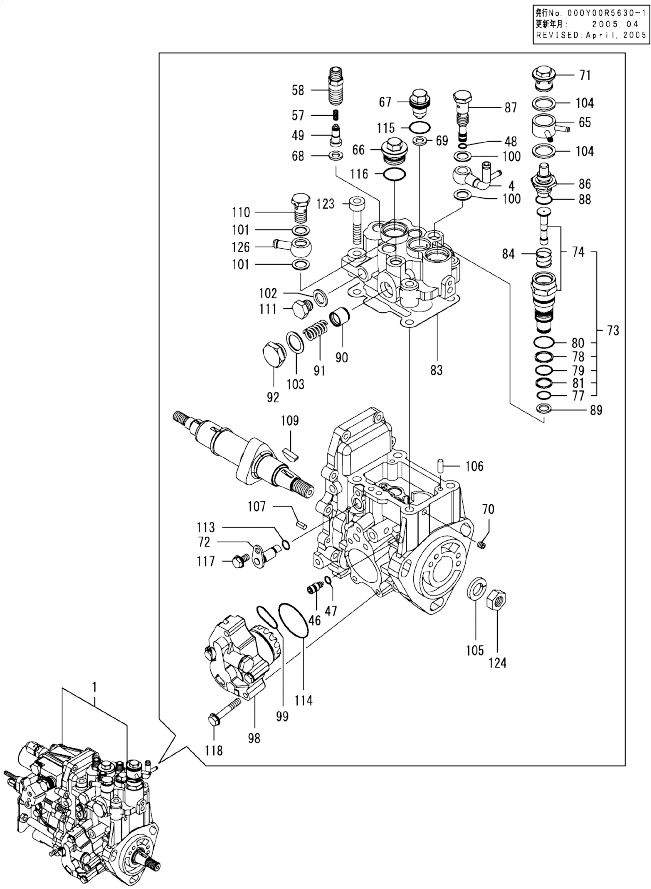
Remarks
(1)Governor(Fig.22) is incorporated in this Fuel Injection Pump(No.1).

(A)=3TNV84T-KSA
(D)=3TNV84T-GGE
(B)=3TNV84T-KSA2
(E)=
(C)=3TNV84T-KSA3
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
123	2	26450-080452	BOLT, M8X 45	4	4	4					
124	2	26776-140002	NUT, LOCK M14	1	1	1					
126	2	129916-59020	JOINT, PIPE 12	1	1	1					

N:Old $\frac{N_{Old}}{N_{New}}$ New, Q:Old $\frac{Q_{Old}}{Q_{New}}$ New, R:Old $\frac{R_{Old}}{R_{New}}$ New, S:Old $\frac{S_{Old}}{S_{New}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.23. FUEL INJECTION PUMP(INNER PARTS)



Remarks
(1)Governor(Fig.24) is incorporated in this Fuel Injection Pump(No.1).

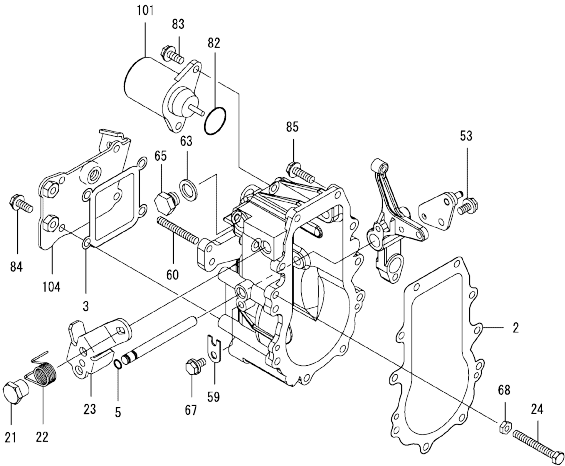
(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3
(D)=3TNV84T-GGE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729046-51390	PUMP ASSY, INJECTION				1				1
4	2	158552-51670	JOINT, OVER FLOW				1				
46	2	158600-51270	STOPPER, TAPPET				1				
47	2	158563-51281	O-RING, 4D S6				1				
48	2	158563-51281	O-RING, 4D S6				1				
49	2	158560-51300	VALVE ASSY, DELIVERY				3				
57	2	158563-51330	SPRING, DELIVERY				3				
58	2	158601-51340	HOLDER, DELIVERY				3				
65	2	158553-51551	JOINT				1				
66	2	158601-51550	PLUG				1				
67	2	119802-51560	PLUG, BARREL				1				
68	2	158552-51570	GASKET				3				
69	2	158552-51570	GASKET				1				
70	2	158557-51570	PLUG				1				
71	2	158601-51570	PLUG				1				
72	2	158552-51580	LIFTER				1				
73	2	119802-51590	TIMER SET				1				
74	3	119802-51600	TIMER ASSY				1				
77	3	158553-51670	O-RING, 1011				1				
78	3	119802-51680	RING, BACK UP				1				
79	3	119802-51690	O-RING				1				
80	3	24356-010200	O-RING, 4D1020				1				
81	3	24372-000150	RING, BACK UP T2P15				1				
83	2	158552-51600	GASKET				1				
84	2	158553-51630	SPRING, TIMER				1				
86	2	158553-51640	ELEMENT				1				
87	2	158601-51650	JOINT, OVER FLOW				1				
88	2	158553-51660	O-RING, P14				1				
89	2	158553-51680	GASKET				1				
90	2	158601-51770	PISTON				1				
91	2	158552-51780	SPRING				1				
92	2	158601-51790	PLUG				1				
98	2	158552-52100	PUMP ASSY, FUEL FEED				1				
99	2	158552-52310	O-RING				1				
100	2	22190-120002	WASHER, SEAL 12				2				
101	2	22190-120002	WASHER, SEAL 12				2				
102	2	22190-120002	WASHER, SEAL 12				1				
103	2	22190-180002	WASHER, SEAL 18				1				
104	2	22190-180002	WASHER, SEAL 18				2				
105	2	22217-140000	WASHER, SPRING 14				1				
106	2	22312-050140	PIN, PARALLEL M5X14				2				
107	2	22351-050010	PIN, SPRING 5.0X10				2				
109	2	119802-51090	KEY, 4X16				1				
110	2	23857-060000	BOLT, JOINT 6				1				
111	2	23887-120002	PLUG, 12				1				
113	2	24311-000070	O-RING, 1AP7.0				1				
114	2	158552-52400	O-RING, 4E S42				1				
115	2	24356-010180	O-RING, 4D1018				1				
116	2	24356-010200	O-RING, 4D1020				1				
117	2	26106-060102	BOLT, M6X 10 PLATED				1				
118	2	158553-51770	BOLT				4				

N:Old $\frac{NBS}{100}$ New, O:Old $\frac{OBS}{100}$ New, R:Old $\frac{RBS}{100}$ New, S:Old $\frac{SBS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Fig.24. GOVERNOR(INNER PARTS)

図号 No. 000Y3DR5630-1
改修年月 2008.04
REVISED April, 2008



(A)=3TNV84T-KSA
(B)=3TNV84T-KSA2
(C)=3TNV84T-KSA3
(D)=3TNV84T-GGE
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	158553-61050	GASKET				1				
3	2	158553-61070	GASKET				1				
5	2	129155-51280	O-RING, S6				1				
21	2	129255-61410	NUT, LOCK				1				
22	2	119807-61420	SPRING, RETURN				1				
23	2	129246-61441	LEVER, REGULATOR				1				
24	2	129155-61460	BOLT, IDLE				1				
53	2	26106-060102	BOLT, M6X 10 PLATED				1				
59	2	119660-61901	RETAINER, SHAFT				1				
60	2	171002-66830	SCREW				1				
63	2	22190-120000	WASHER, SEAL 12				1				
65	2	23887-120002	PLUG, 12				1				
67	2	26106-060102	BOLT, M6X 10 PLATED				1				
68	2	26756-060002	NUT, LOCK M6				1				
82	2	24341-000280	O-RING, 1AS28.0				1				
82-1	2	158552-61900	O-RING				1			N	
			(D=EXXXXX)								
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				
101	2	119653-77950	SOLENOID, STOP				1				
104	2	129246-61061	COVER, GOVERNOR CASE				1				

Remarks

* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.23).

Parts No. Index

Parts No.	Fig. No.	Ref. No.
105010-39140	12	1
105025-59580	16	6
114250-39450	11	25
114250-53080	15	39
114250-53120	15	44
114250-53130	15	45
114250-53140	15	46
114250-53210	15	47
114250-53400	15	48
118400-77170	17	12
119131-18320	7	4
119225-52102	16	10
119305-59120	15	1
119593-59580	15	29
119609-32040	2	17
	3	17
	20	25
119620-01750	4	18
119620-77380	19	4
119620-77421	19	8
119620-77440	19	13
119620-77461	19	15
119620-77471	19	16
119620-77480	19	20
119620-77490	19	29
119620-79200	19	9
119620-79210	19	10
119620-79220	19	11
119620-79230	19	12
119620-79250	19	6
119620-79260	19	18
119620-79270	19	19
119620-79280	19	21
119620-79290	19	22
119620-79300	19	23
119620-79310	19	24
119620-79320	19	25
119620-79330	19	26
119620-79340	19	27
119620-79350	19	28
119620-79360	19	7
119625-11880	5	35
	20	7
119640-01640	4	5
119643-66900	19	31
119650-77910	19	32
119653-77950	22	104
	24	101
119660-61901	22	66
	24	59

Parts No.	Fig. No.	Ref. No.
119802-01560	2	13
	3	13
119802-11260	5	6
119802-11270	5	7
119802-11280	5	8
119802-11870	5	57
	20	6
119802-21202	10	5
119802-25051	8	4
119802-25070	8	8
119802-25100	8	5
119802-25901	8	11
119802-32070	2	8
	3	8
119802-32100	2	7
	3	7
119802-32111	2	18
	3	18
119802-32120	2	19
	3	19
119802-32130	2	20
	3	20
119802-35110	11	9
119802-49113	13	10
119802-49730	13	31
119802-51090	21	109
	23	109
119802-51250	14	1
119802-51560	21	67
	23	67
119802-51590	21	73
	23	73
119802-51600	21	74
	23	74
119802-51680	21	78
	23	78
119802-51690	21	79
	23	79
119802-55700	16	11
119802-55710	16	12
119802-55730	16	16
119802-55800	16	2
119802-59550	15	23
119802-59560	15	25
119802-77340	19	42
119807-61420	22	22
	24	22
119831-42290	13	45
119865-21600	10	40
		47

Parts No.	Fig. No.	Ref. No.
119865-42290	13	41
119888-01600	4	22
119888-21450	10	41
119940-77270	19	41
119940-77330	19	40
120130-11860	5	22
120270-54410	5	37
121023-01550	2	28
	3	28
121111-21501	10	11
121250-44901	13	27
121267-44741	13	42
121267-44760	13	47
121400-11340	5	30
	20	11
121450-42450	13	26
121520-34810	11	2
121550-23200	10	25
121850-21680	10	10
121850-42410	13	8
121850-51960	2	21
	3	21
	20	4
123501-79240	19	5
123900-13630	7	3
123951-03330	11	19
124060-01050	1	5
124060-77680	15	30
124160-01751	2	14
	3	14
	5	42
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