

0CD10-M85401EN

PREFACE

1. This parts catalog is the 2nd edition of 3TNV70-QIK for KATO WORKS CO.,LTD.

Pub.No. : 000Y00D8541

Published : November,2006

2.Model name

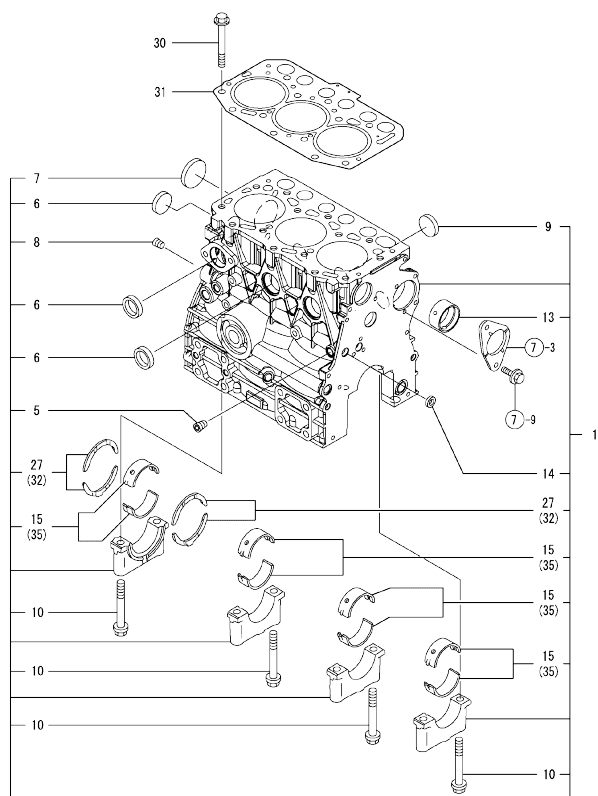
Engine model	Vehicle		Vehicle made by
	Products	Model name	
3TNV70-QIK	Excavator	15NX2	KATO WORKS CO.,LTD.

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0CD10-M85401

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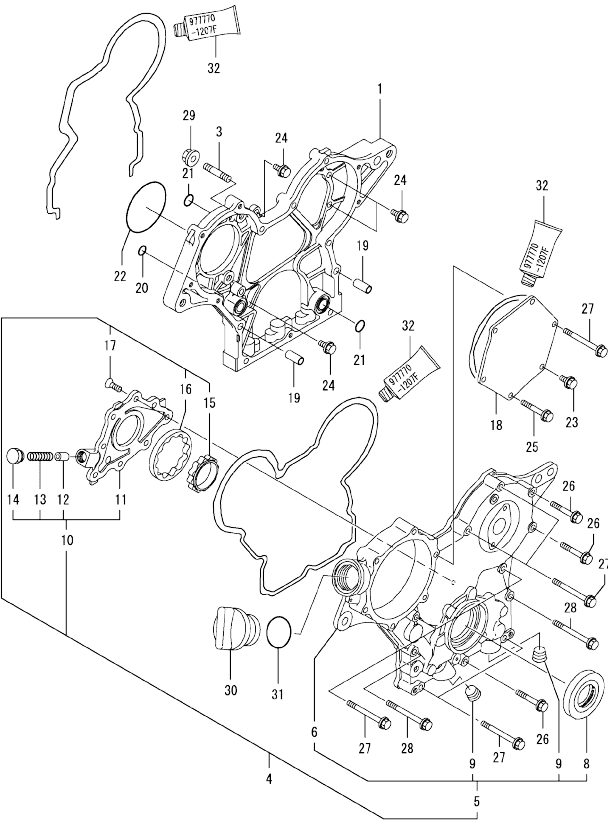
Fig.1. CYLINDER BLOCK



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

[illegible]

OCD10-M85401 3TNV70-QIK
Fig.2. GEAR HOUSING

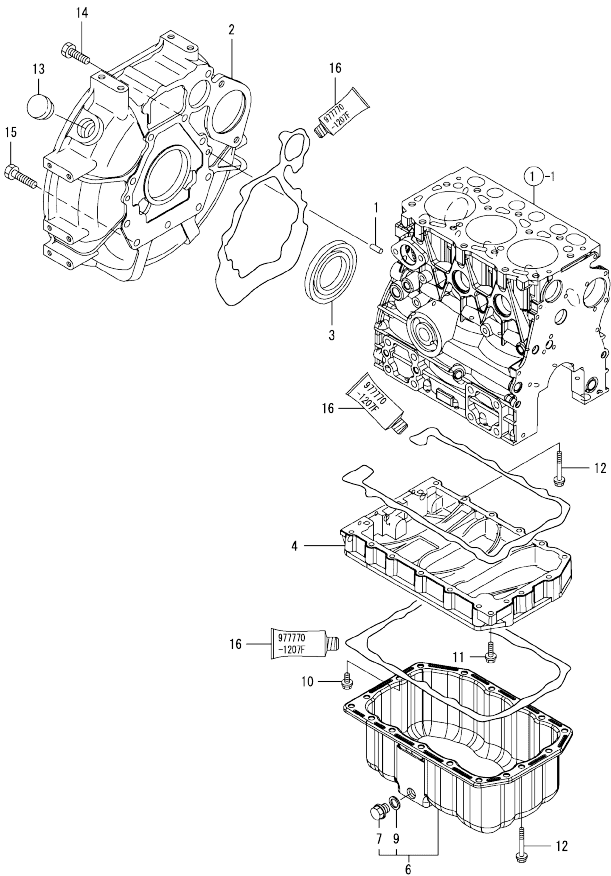


Remarks
(1) OPTIONAL PART.

							OCD10-M85401 Fig.2	
							(A)=3TNV70-QIK	(D)=
							(B)=	(E)=
							(C)=	(F)=
							Q'ty	
							(A)	(B)
							(C)	(D)
							(E)	(F)
							I	
							R	
No.	Lev.	Parts No.	Description					
1	1	119717-01501	CASE, GEAR				1	
3	1	119717-01570	STUD				3	
4	1	119717-01590	COVER ASSY,GEAR CASE				1	
5	2	719717-01500	COVER ASSY,GEAR CASE				1	
6	3	119717-01521	COVER, GEAR CASE				1	
8	3	119620-01800	SEAL, OIL				1	
9	3	23876-030000	PLUG, R03				2	
10	2	119717-32100	COVER ASSY				1	
11	3	119717-32080	COVER				1	
12	3	129900-32130	VALVE, RELIEF				1	
13	3	129001-32320	SPRING				1	
14	3	129001-32330	PLUG				1	
15	2	119717-32110	ROTOR, INNER				1	
16	2	119717-32120	ROTOR, OUTER				1	
17	2	119802-32130	SCREW, M6X16				8	
18	1	119717-01750	COVER				1	
19	1	119660-01911	PIPE, KNOCK				4	
20	1	119624-32040	O-RING, P12.0				1	
21	1	119717-32050	O-RING, P17.0				3	
22	1	121850-51960	O-RING				1	
23	1	26106-060122	BOLT, M6X 12 PLATED				1	
24	1	26106-060162	BOLT, M6X 16 PLATED				4	
25	1	26106-060402	BOLT, M6X 40 PLATED				4	
26	1	26106-060402	BOLT, M6X 40 PLATED				3	
27	1	26106-060602	BOLT, M6X 60 PLATED				7	
28	1	26106-060652	BOLT, M6X 65 PLATED				2	
29	1	26306-080002	NUT, M8				3	
30	1	124160-01751	COVER, FILLER				1	
31	1	24311-000320	O-RING, 1AP32.0				1	
32	1	977770-1207F	GASKET,LIQUID				1	1

0CD10-M85401 3TNV70-QIK

Fig.3. FLYWHEEL HOUSING & OIL SUMP



Remarks
(1) OPTIONAL PART.

0CD10-M85401 Fig.3

(A)=3TNV70-QIK
(B)=
(C)=

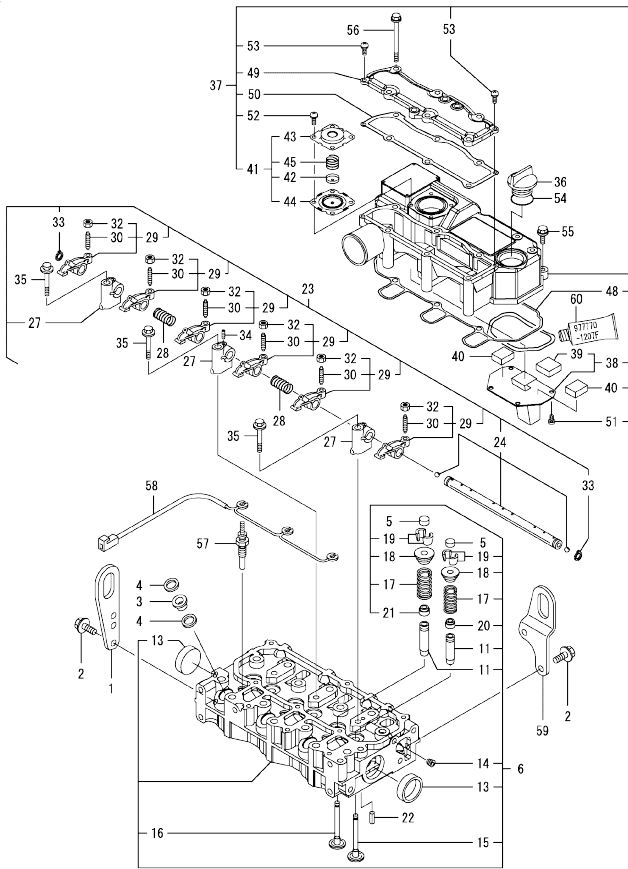
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2							
2	1	119515-01601	HOUSING, FLYWHEEL	1							
3	1	124085-02220	SEAL, OIL	1							
4	1	119515-01720	SPACER, OIL SUMP	1							
6	1	119546-01770	SUMP ASSY, OIL	1							
7	2	105425-01690	PLUG, 16	1							
9	2	22190-160002	WASHER, SEAL 16	1							
10	1	26106-060122	BOLT, M6X 12 PLATED	1							
11	1	26106-060252	BOLT, M6X 25 PLATED	1							
12	1	26106-060452	BOLT, M6X 45 PLATED	17							
13	1	119620-01750	CAP	1							
14	1	26206-100252	BOLT, M10X 25 PLATED	7							
15	1	121120-01620	BOLT, M10X28	3							
16	1	977770-1207F	GASKET,LIQUID	1							1

N:Old $\frac{YBS}{100}$ New, Q:Old $\frac{RIS}{100}$ New, R:Old $\frac{YBS}{100}$ New, S:Old $\frac{RIS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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OCD10-M85401 3TNV70-QIK

Fig.4. CYLINDER HEAD & BONNET

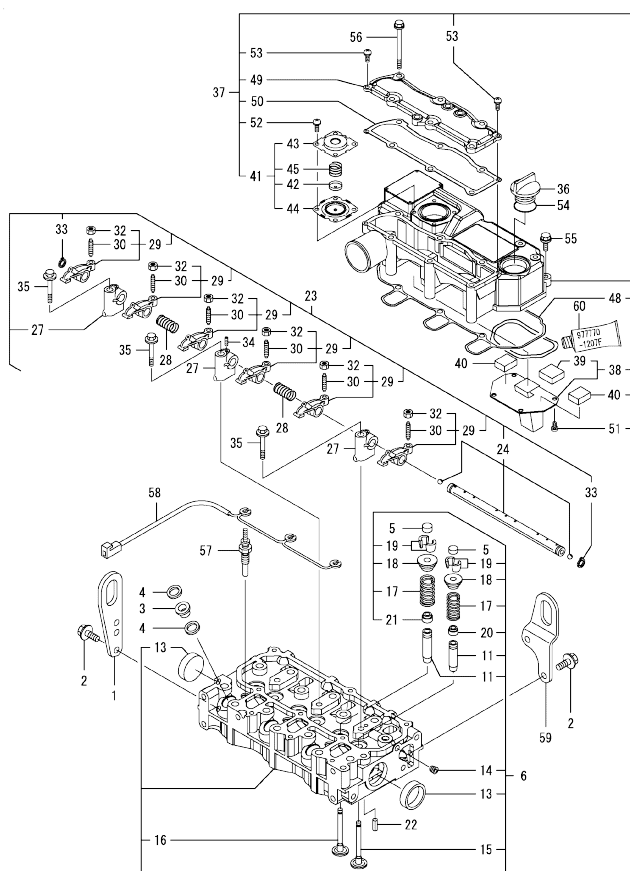


Remarks
(1) REPAIR PART.
(2) OPTIONAL PART.

OCD10-M85401 Fig.4									
(A)=3TNV70-QIK									
(D)=									
(E)=									
(F)=									
Q'ty									
I R									
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	119226-07900	LIFTER	1					
2	1	26106-080162	BOLT, M8X 16 PLATED	4					
3	1	129901-11450	PROTECTOR, NOZZLE	3					
4	1	119600-11460	GASKET, NOZZLE	6					
5	1	105010-11490	CAP, VALVE	6					
6	1	119515-11740	HEAD ASSY, CYLINDER	1					
11	2	119515-11800	GUIDE, VALVE	6					1
13	2	119285-11990	PLUG, 35	2					
14	2	23876-005000	PLUG, R005	1					
15	2	119515-11100	VALVE, INTAKE	3					
15-1	2	119515-11101	VALVE, INTAKE	3					R
(A=E14618)									
16	2	119515-11110	VALVE, EXHAUST	3					
17	2	119717-11131	SPRING, VALVE	6					
18	2	129508-11180	RETAINER, SPRING	6					
19	2	119717-11190	COTTER	12					
20	2	119717-11340	SEAL, VALVE STEM	3					
21	2	119717-11350	SEAL, VALVE STEM	3					
22	1	22351-060012	PIN, SPRING 6.0X12	2					
23	1	119515-11200	SUPPORT ASSY, ARM	1					
24	2	119515-11240	SHAFT ASSY, ROCKER	1					
27	2	119717-11260	SUPPORT, ROCKER ARM	3					
28	2	119515-11280	SPRING	2					
29	2	119717-11650	ARM, ROCKER	6					
30	3	129150-11230	SCREW, VALVE ADJUST	6					
32	3	129150-11750	NUT, M8	6					
33	2	22242-000120	RING, 12	2					
34	2	26979-050162	SCREW, M5X16	1					
35	1	26106-080402	BOLT, M8X 40 PLATED	3					
36	1	124160-01751	COVER, FILLER	1					
37	1	119515-11380	BONNET ASSY, HEAD	1					
38	2	119717-03031	PLATE	1					
39	3	119717-03070	BAFFLE, BREATHER	1					
40	2	119717-03070	BAFFLE, BREATHER	2					
41	2	119802-03100	DIAPHRAGM ASSY	1					
42	3	119802-03110	PLATE	1					
43	3	119802-03121	COVER, DIAPHRAGM	1					
44	3	119802-03131	DIAPHRAGM	1					
45	3	119802-03141	SPRING, DIAPHRAGM	1					
48	2	119515-11310	GASKET, BONNET	1					
49	2	119515-11320	COVER, BONNET	1					
50	2	119515-11330	GASKET	1					
51	2	22857-500100	SCREW, 5X10	4					
52	2	22857-500100	SCREW, 5X10	4					
53	2	22857-500160	SCREW, 5X16	2					
54	1	24311-000320	O-RING, 1AP32.0	1					
55	1	26106-060202	BOLT, M6X 20 PLATED	3					
56	1	26106-060752	BOLT, M6X 75 PLATED	6					
57	1	119717-77800	PLUG, GLOW	3					
58	1	119717-77820	CONNECTOR, GLOW PLUG	1					
59	1	119540-07910	LIFTER	1					

N:Old, New, Q:Old, R:Old, S:Old, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Fig.4. CYLINDER HEAD & BONNET



Remarks
(1) REPAIR PART.
(2) OPTIONAL PART.

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

(A)=3TNV70-QIK
(B)=
(C)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
60	1	977770-1207F	GASKET.LIQUID	1							2

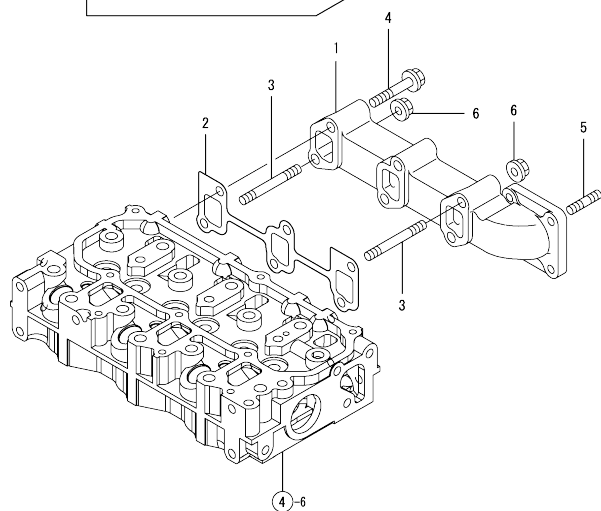
N:Old ^{Yes}/_{No} New. Q:Old ^{No}/_{Yes} New. R:Old ^{Yes}/_{Yes} New. S:Old ^{No}/_{No} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

Fig.5. AIR CLEANER

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

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

Fig.6. EXHAUST MANIFOLD & SILENCER



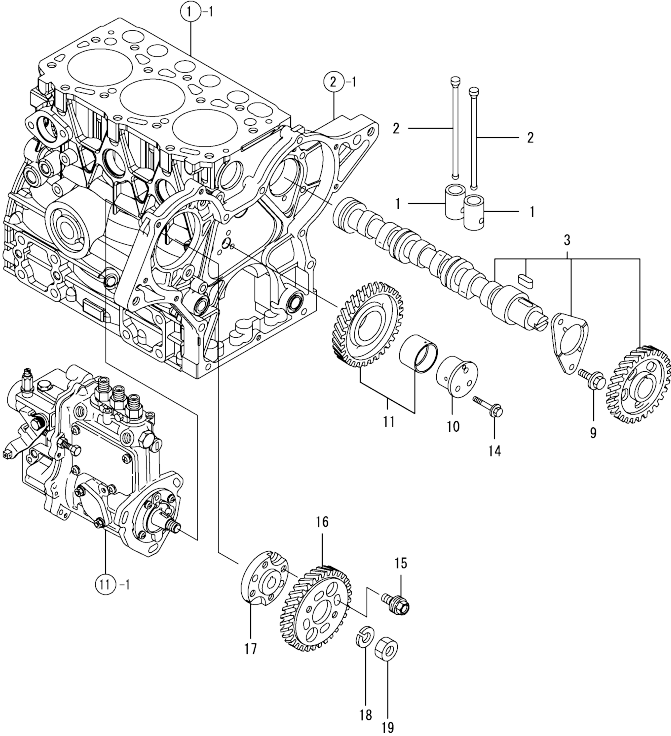
(A)=3TNV70-QIK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119540-13100	MANIFOLD, EXHAUST	1							
2	1	119717-13110	GASKET	1							
3	1	119717-13600	STUD, M8X50	2							
4	1	119802-13620	BOLT, M8X50	4							
5	1	119131-18320	STUD, M8X22	4							
6	1	26306-080002	NUT, M8	2							
7	1	119515-13200	GASKET, SILENCER	3							
8	1	119515-13530	SILENCER	1							

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.7. CAMSHAFT & DRIVING GEAR



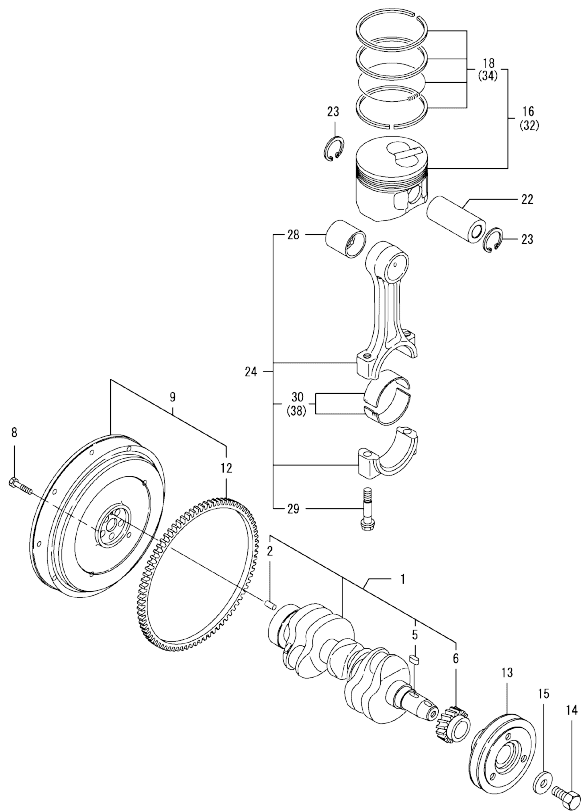
(A)=3TNV70-QIK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119620-14200	TAPPET	6							
2	1	119515-14400	ROD, PUSH	6							
3	1	119515-14580	CAMSHAFT ASSY	1							
3-1	1	119515-14581	CAMSHAFT ASSY	1							R
(A=E09275)											
9	1	26106-060122	BOLT, M6X 12 PLATED	2							
10	1	119717-25050	SHAFT, IDLE	1							
11	1	119717-25100	GEAR ASSY, IDLE	1							
11-1	1	119717-25101	GEAR ASSY, IDLE	1							N
(A=E09945)											
14	1	26106-060352	BOLT, M6X 35 PLATED	3							
15	1	129150-25301	BOLT	4							
16	1	119717-25930	GEAR, PUMP	1							
17	1	119717-51150	FLANGE	1							
18	1	22217-120000	WASHER, SPRING 12	1							
19	1	26716-120002	NUT, M12	1							

OCD10-M85401 3TNV70-QIK

Fig.8. CRANKSHAFT & PISTON



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

OCD10-M85401 Fig.8

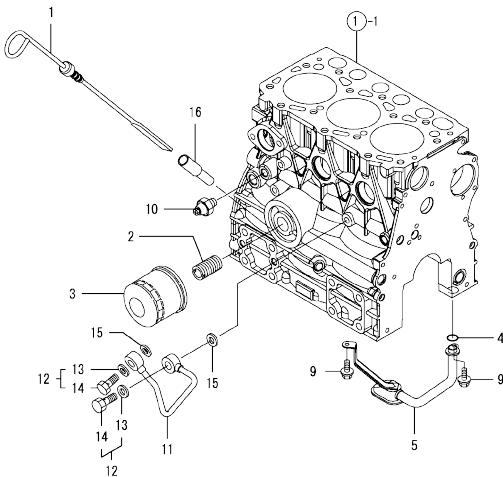
(A)=3TNV70-QIK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
5	2	22512-040120	KEY, 4X 12	1							
6	2	119717-21200	GEAR, CRANKSHAFT	1							
8	1	119620-21500	BOLT, FLYWHEEL	5							
9	1	119515-21580	FLYWHEEL ASSY	1							
12	2	124950-21600	GEAR, RING	1							
13	1	119717-21650	V-PULLEY	1							
14	1	119621-21680	BOLT, FLANGE 12X1.25	1							
15	1	119620-21941	WASHER	1							
16	1	119515-22080	PISTON ASSY	3							
18	2	119515-22500	RING SET, PISTON	3							
22	1	119515-22300	PIN, PISTON	3							
23	1	22252-000220	RING, 22	6							
24	1	119515-23000	ROD ASSY, CONNECTING	3							
28	2	119717-23910	BEARING, PISTON PIN	3							2
29	2	119717-23200	BOLT, CONNECTING ROD	6							
30	2	119515-23600	BEARING, CRANK PIN	3							
30-1	2	119515-23601	BEARING, CRANK PIN	3							N
(A=E09945)											
31-1	3	119515-23301	BEARING, CRANK PIN	6							N
(A=E09945)											
32	1	119515-22900	PISTON ASSY, 0.25 OS	3							1
34	2	119515-22550	RING SET, 0.25 OS	3							1
38	1	119515-23610	METAL ASSY, 0.25	3							3
38-1	1	119515-23611	METAL ASSY, 0.25	3							N 3
(A=E09945)											

OCD10-M85401 3TNV70-QIK

Fig.9. LUB.OIL SYSTEM



Remarks
(1) REPAIR PART.

OCD10-M85401 Fig.9

(A)=3TNV70-QIK
(B)=
(C)=

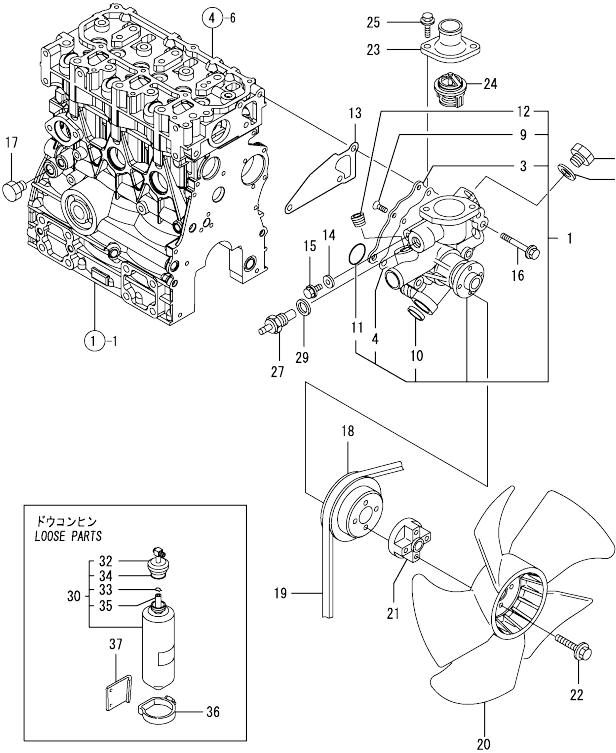
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119546-34801	DIPSTICK, OIL	1							
2	1	129100-35140	STUD	1							
3	1	119305-35151	FILTER ASSY, D68XL65	1							1
4	1	119717-32060	O-RING, P15.0	1							
5	1	119546-35080	PIPE ASSY, OIL INLET	1							
9	1	26106-060102	BOLT, M6X 10 PLATED	2							
10	1	121252-39450	SWITCH, 0.5KG	1							
11	1	119717-39210	PIPE, OIL	1							
12	1	129005-59830	BOLT ASSY, JOINT M8	2							
13	2	22190-080002	WASHER, SEAL 6	2							
14	2	23857-030000	BOLT, JOINT 3	2							
15	1	22190-080002	WASHER, SEAL 6	2							
16	1	121520-34810	GUIDE, DIPSTICK	1							

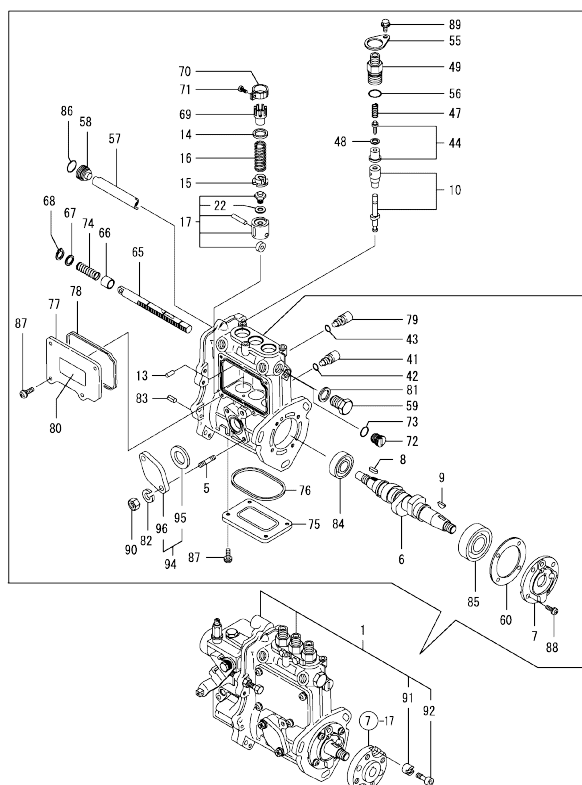
N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{R/O}{YES}$ New, R:Old $\frac{YES}{YES}$ New, S:Old $\frac{R/O}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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OCD10-M85401 3TNV70-QIK

Fig.10. COOLING WATER SYSTEM



										OCD10-M85401 Fig.10	
										(A)=3TNV70-QIK	(D)=
										(B)=	(E)=
										(C)=	(F)=
										Q'ty	
										(A)	(B)
										(C)	(D)
										(E)	(F)
										I	
										R	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119540-42000	PUMP ASSY, WATER	1							
1-1	1	119C10-42000	PUMP ASSY, WATER	1						N	
(A=E/ 85890)											
1-2	1	119C10-42001	PUMP ASSY, CW	1						N	
(A=EL4288)											
3	2	119515-42041	COVER	1							
4	2	119717-42031	GASKET	1							
9	2	26577-060122	SCREW, M6X12	4							
10	2	27241-250000	PLUG, 25	1							
10-1	2	119717-42050	PLUG, 25	1						N	
(A=EL4288)											
11	2	119717-42320	O-RING, P26	1							
11-1	2	119C10-42320	O-RING, 2028	1						S	
(A=E/ 85890)											
12	2	129916-49740	PLUG, R3/8	1							
13	1	119515-42020	GASKET, WATER PUMP	1							
14	1	23414-080000	GASKET, 8X1.0	1							
15	1	26106-080122	BOLT, M8X 12 PLATED	1							
16	1	26106-080502	BOLT, M8X 50 PLATED	3							
17	1	171056-49120	PLUG, DRAIN R1/4	1							
18	1	119740-42350	V-PULLEY, D=90	1							
19	1	121522-42290	V-BELT, A34.5	1							
20	1	119233-44740	FAN, D=290XUH	1							
21	1	121267-44760	SPACER, FAN	1							
22	1	26106-060302	BOLT, M6X 30 PLATED	4							
23	1	129350-49530	COVER, THERMOSTAT	1							
24	1	119717-49800	THERMOSTAT, 71C	1							
25	1	26106-080202	BOLT, M8X 20 PLATED	2							
26	1	121450-42450	PLUG, M16	1							
27	1	171056-49351	SENSOR, WATER TEMP.	1							
28	1	124465-44950	GASKET, 16	1							
29	1	129150-49360	GASKET	1							
30	1	171064-44510	TANK ASSY, SUB	1							
32	2	121450-44531	CAP	1							
33	2	124450-44560	CLAMP, HOSE	1							
34	2	121470-44581	GASKET	1							
35	2	23065-070225	HOSE 7X 225	1							
36	1	124450-44550	BAND, SUB-TANK	1							
37	1	121256-44600	BRACKET, SUB TANK	1							



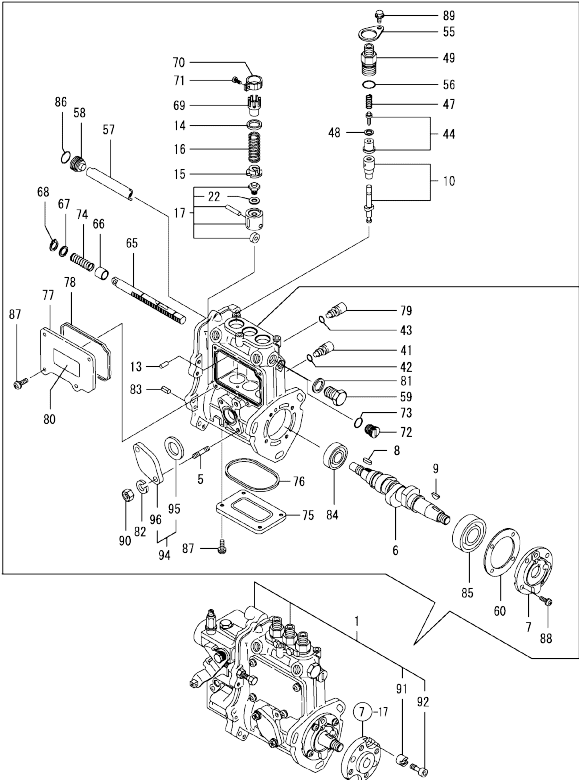
Remarks
(1) GOVERNOR ASSY(FIG.12) IS
INCORPORATED IN THIS FOP.CMP
(REF.NO.1).

				(A)=3TNV70-QIK (B)= (C)=							(D)= (E)= (F)=		
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R		
1	1	719540-51370	PUMP ASSY, INJECTION	1							1		
2	2	129155-51020	STUD	2									
6	2	191717-51030	CAMSHAFT	1									
7	2	191717-51060	SUPPORT, CAMSHAFT	1									
8	2	191717-51070	KEY	1									
9	2	122710-51090	KEY	1									
10	2	119515-51100	PLUNGER ASSY	3									
13	2	129155-51140	PIN	3									
14	2	158600-51170	RETAINER, SPRING	3									
15	2	191717-51180	RETAINER, SPRING	3									
15-1	2	191717-51570	RETAINER, SPRING	3							R		
(A=E06342)													
16	2	119717-51190	SPRING, PLUNGER	3									
17	2	191717-51200	TAPPET ASSY	3									
22	3	129155-51600	SHIM SET, ADJUSTING	3									
41	2	158600-51270	STOPPER, TAPPET	3									
42	2	129155-51280	O-RING, S6	3									
43	2	129155-51280	O-RING, S6	1									
44	2	191717-51300	VALVE ASSY, DELIVERY	3									
47	2	191717-51330	SPRING, DELIVERY	3									
48	2	124550-51350	GASKET, DELIVERY	3									
49	2	158600-51441	VALVE ASSY, DELIVERY	3									
49-1	2	158600-51442	VALVE ASSY, DELIVERY	3							N		
(A=E04698)													
55	2	118400-51370	LOCKING	3									
56	2	24316-000150	O-RING, 4DP15.0	3									
57	2	129155-51400	DEFLECTOR	1									
58	2	158600-51410	PLUG, DEFLECTOR	1									
59	2	158600-51420	PLUG, DEFLECTOR	1									
60	2	129155-51450	SHIM SET, ADJUSTING	1									
65	2	191717-51500	RACK, CONTROL	1									
66	2	129155-51521	BUSH, RACK	1									
67	2	129155-51530	SPACER	1									
68	2	129155-51540	CIRCLIP	1									
69	2	129155-51550	PINION, CONTROL	3									
70	2	129100-51560	PINION	3									
71	2	129100-51570	SCREW	3									
72	2	158600-51570	PLUG	1									
73	2	129155-51580	O-RING	1									
74	2	129155-51591	SPRING, RACK	1									
75	2	129155-51701	COVER	1									
76	2	191717-51710	GASKET	1									
76-1	2	191717-51711	GASKET	1							N		
(A=E09275)													
77	2	191717-51750	COVER	1									
78	2	191717-51760	GASKET	1									
78-1	2	191717-51761	GASKET	1							N		
(A=E09275)													
79	2	158600-51790	STOOPER, RACK	1									
80	2	129156-51910	LABEL, CAUTION	1							Z		
(A=E09275)													

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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OCD10-M85401 3TNV70-QIK

Fig.11. FUEL INJECTION PUMP



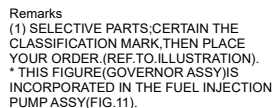
Remarks
(1) GOVERNOR ASSY(FIG.12) IS
INCORPORATED IN THIS FOP.CMP
(REF.NO.1).

OCD10-M85401 Fig.11

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
81	2	22190-160002	WASHER, SEAL 16	1							
82	2	22217-060000	WASHER, SPRING 6	2							
83	2	22351-050010	PIN, SPRING 5.0X10	2							
84	2	24101-060034	BEARING, BALL 6003	1							
85	2	24101-063034	BEARING, BALL 6303	1							
86	2	119717-51420	O-RING	1							
87	2	26022-050122	SCREW, M5X12	8							
88	2	26022-060162	SCREW, M6X16	4							
89	2	26106-050102	BOLT, M5X 10 PLATED	3							
90	2	26716-060002	NUT, M6	2							
91	2	119717-51480	COLLAR	1							
92	2	119717-51490	BOLT	1							
94	2	129255-52000	COVER ASSY	1							
95	3	129155-52051	GASKET	1							
96	3	129100-52200	COVER	1							

N:Old $\frac{Y10}{10}$ New, Q:Old $\frac{R10}{10}$ New, R:Old $\frac{Y10}{10}$ New, S:Old $\frac{R10}{10}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.12. GOVERNOR



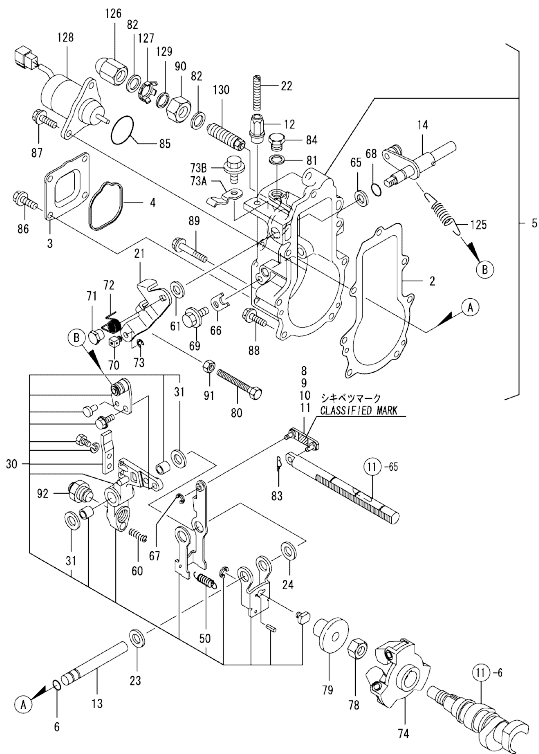
(D)=
(E)=
(F)=

N:Old $\xrightarrow{\text{Yes}}$ New, Q:Old $\xrightarrow{\text{No}}$ New, R:Old $\xrightarrow{\text{Yes}}$ New, S:Old $\xrightarrow{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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OCD10-M85401 3TNV70-QIK

Fig.12. GOVERNOR



Remarks
(1) SELECTIVE PARTS:CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER.(REF TO ILLUSTRATION).
* THIS FIGURE(GOVERNOR ASSY)IS INCORPORATED IN THE FUEL INJECTION PUMP ASSY(FIG.11).

OCD10-M85401 Fig.12

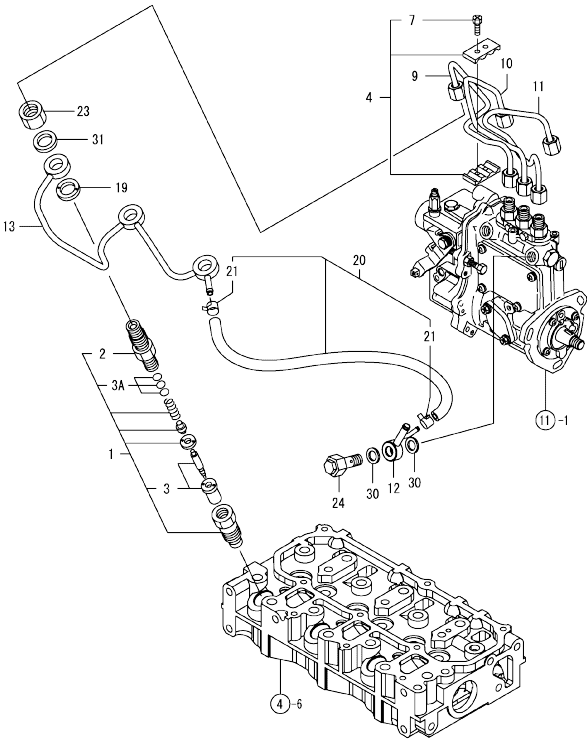
(A)=3TNV70-QIK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
90	2	26736-120002	NUT, M12	1							
91	2	26756-060002	NUT, LOCK M6	1							
92	2	119740-61550	ANGLEICH ASSY	1							
125	2	171353-61700	SPRING, GOVERNOR	1							
126	2	129209-61930	NUT, CAP	1							
127	2	129209-61970	PLATE	1							
128	2	119233-77932	SOLENOID, STOP	1							
129	2	23414-120016	GASKET, 12X1.0	1							
130	2	158601-61790	LIMITER ASSY, FUEL	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.13. FUEL INJECTION VALVE



Remarks
(1) REPAIR PART.

(A)=3TNV70-QIK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-53001	VALVE ASSY,INJECTION	3							
2	2	118200-53010	HOLDER, NOZZLE	3							
3	2	119515-53010	VALVE ASSY,INJECTION	3							
3A	2	129901-53800	SHIM SET, ADJUSTING	3						W	1
(A=FROM 1ST)											
4	1	129150-59120	RETAINER, PIPE	1							
7	2	129150-59131	BOLT, M4X14	2							
9	1	119546-59810	PIPE ASSY, INJECTION	1							
10	1	119546-59820	PIPE ASSY, INJECTION	1							
11	1	119546-59830	PIPE ASSY, INJECTION	1							
12	1	119840-59570	JOINT	1							
13	1	119515-59540	PIPE ASSY, RETURN	1							
19	1	129901-59560	GASKET	3							
20	1	119540-59570	PIPE ASSY, RETURN	1							
21	2	124066-59100	CLIP, HOSE 8	2							
23	1	119620-59700	NUT, NOZZLE	3							
24	1	119813-59950	VALVE ASSY, CHECK	1							
30	1	22190-120002	WASHER, SEAL 12	2							
31	1	22190-120002	WASHER, SEAL 12	3						W	
(A=FROM 1ST)											

Fig.14. FUEL LINE

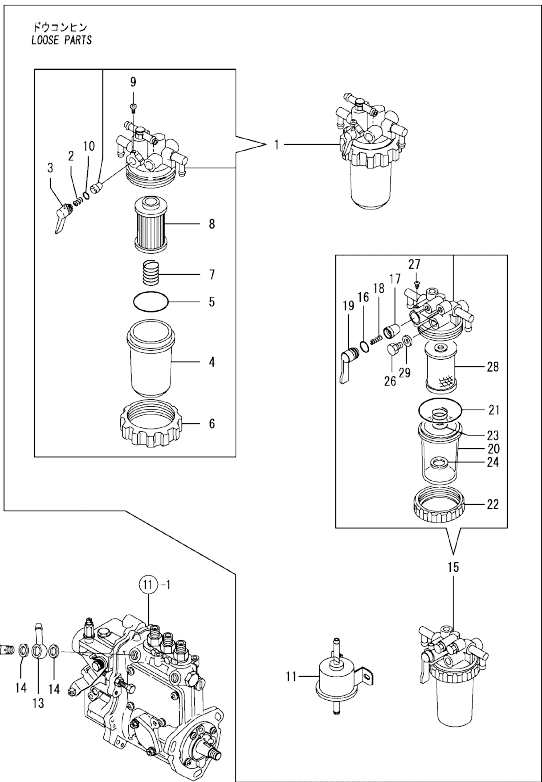
(A)=3TNV70-QIK
(B)=
(C)=

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

Q'ty

I R

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119833-55620	FILTER ASSY, FUEL	1							
2	2	104200-55330	SPRING, VALVE	1							
3	2	119810-55340	LEVER	1							
4	2	121254-55510	COVER	1							
5	2	102103-55520	O-RING	1							
6	2	110250-55610	RING, RETAINING	1							
7	2	121250-55620	SPRING	1							
8	2	119810-55650	ELEMENT	1							
9	2	104200-55750	SCREW, M4	1							
10	2	24311-240100	O-RING, 1AP10A	1							
11	1	119225-52102	PUMP ASSY, FUEL FEED	1							
12	1	103854-39140	BOLT, PIPE JOINT	1							
13	1	101304-59020	JOINT, PIPE 12	1							
14	1	22190-120002	WASHER, SEAL 12	2							
15	1	129335-55700	SEPARATOR ASSY,WATER	1							
16	2	24311-240100	O-RING, 1AP10A	1							
17	2	104200-55321	VALVE, TAPER	1							
18	2	104200-55330	SPRING, VALVE	1							
19	2	104200-55341	HANDLE	1							
20	2	124064-55510	COVER	1							
21	2	102103-55520	O-RING	1							
22	2	110250-55610	RING, RETAINING	1							
23	2	121257-55720	SPRING	1							
24	2	121257-55731	FLOAT	1							
26	2	101720-55750	PLUG, 6	2							
27	2	104200-55750	SCREW, M4	1							
28	2	171081-55910	SCREEN	1							
29	2	23418-060000	GASKET, 6X1.0	2							



Remarks
*This item is applicable to
[(A)=EXXXX-1] or previous
machines. Refer to Fig.19.

OCD10-M85401 3TNV70-QiK

Fig.18. (14A)FUEL LINE

OCD10-M85401 Fig.18

(A)=3TNV70-QiK
(B)=
(C)=

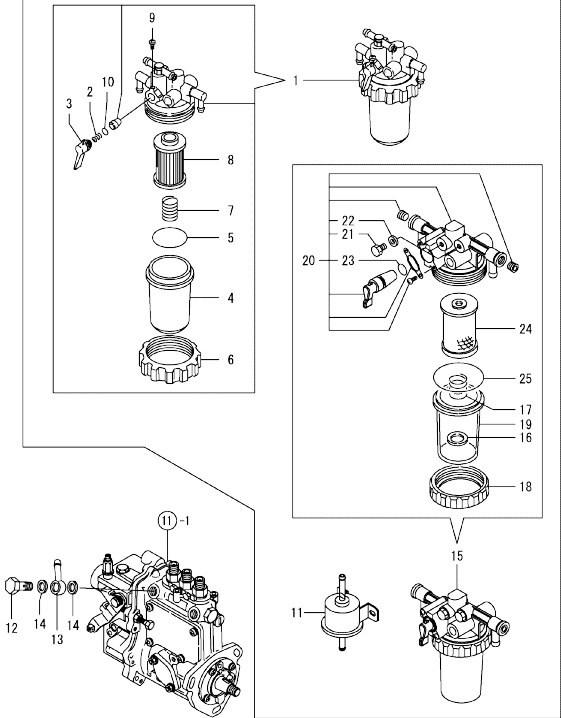
(D)=
(E)=
(F)=

Q'ty

I R

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119833-55620	FILTER ASSY, FUEL	1							
2	2	104200-55330	SPRING, VALVE	1							
3	2	119810-55340	LEVER	1							
4	2	121254-55510	COVER	1							
5	2	102103-55520	O-RING	1							
6	2	110250-55610	RING, RETAINING	1							
7	2	121250-55620	SPRING	1							
8	2	119810-55650	ELEMENT	1							
9	2	104200-55750	SCREW, M4	1							
10	2	24311-240100	O-RING, 1AP10A	1							
11	1	119225-52102	PUMP ASSY, FUEL FEED	1							
12	1	103854-39140	BOLT, PIPE JOINT	1							
13	1	101304-59020	JOINT, PIPE 12	1							
14	1	22190-120002	WASHER, SEAL 12	2							
15	1	129335-55750	SEPARATOR ASSY,WATER	1							
16	2	129053-55640	FLOAT	1							
17	2	129053-55650	SPRING, SCREEN	1							
18	2	119833-55660	RING, RETAINING	1							
19	2	129335-55740	CUP	1							
20	2	129335-55770	BODY ASSY	1							
21	3	129242-55750	VALVE, AIR VENT	2							
22	3	129242-55760	GASKET	2							
23	3	24311-000110	O-RING, 1AP11.0	1							
24	2	129335-55780	ELEMENT ASSY	1							
25	2	24311-000440	O-RING, 1AP44.0	1							

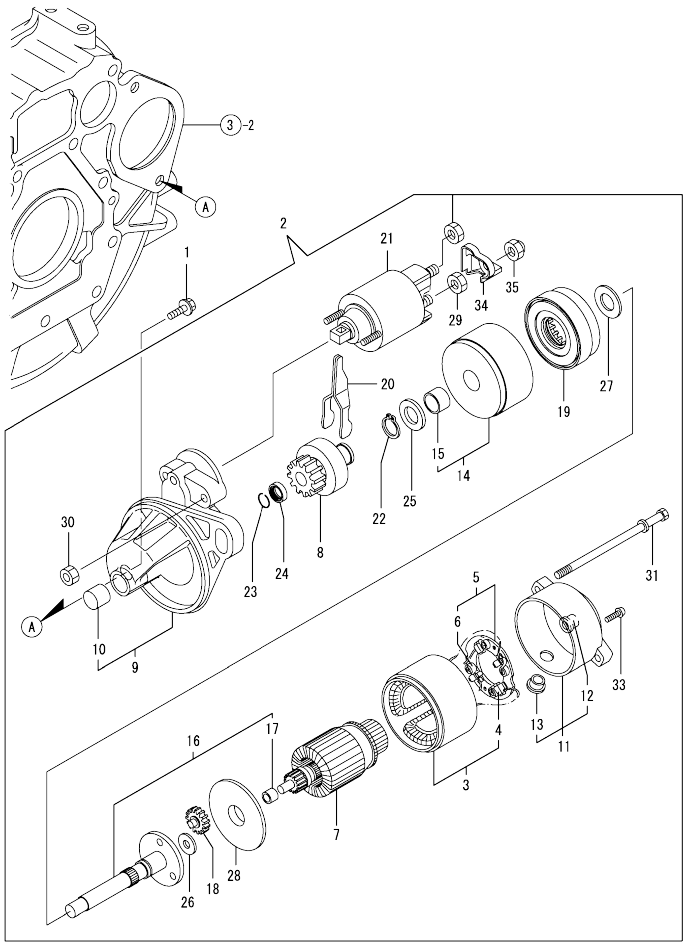
ドウコンビン
LOOSE PARTS



Remarks
*This item is applicable to
[(A)=EXXXXX] or following
machines. Refer to Fig.14.

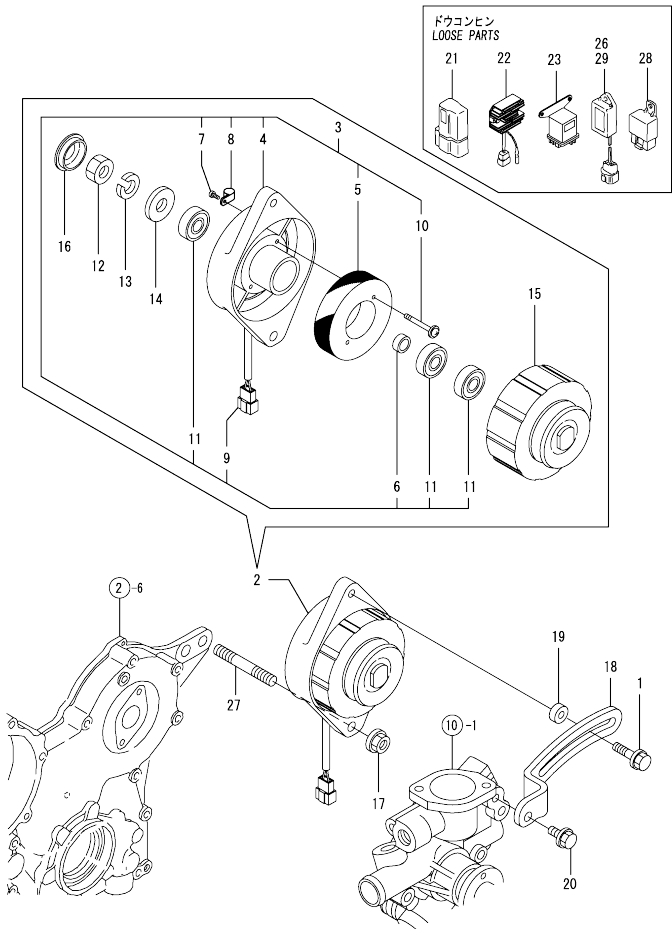
N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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OCD10-M85401 3TNV70-QiK
Fig.15. STARTING MOTOR



										OCD10-M85401		Fig.15	
										(A)=3TNV70-QiK		(D)=	
										(B)=		(E)=	
										(C)=		(F)=	
										Q'ty		I R	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)				
1	1	26106-100252	BOLT, M10X 25 PLATED	2									
2	1	119717-77010	STARTER, P1.1	1									
3	2	X0281007750	YOKE ASSY	1									
4	3	X0280996180	STARTER KIT	2									
5	2	X0285105190	HOLDER ASSY	1									
6	3	X0285205030	SPRING	4									
7	2	X0282005991	ARMATURE ASSY	1									
8	2	X0283006960	CLUTCH ASSY	1									
9	2	X4284001590	HOUSING ASSY	1									
10	3	X9491050100	BEARING, NEEDLE	1									
11	2	X0285007030	FRAME ASSY	1									
12	3	X9491040990	BEARING	1									
13	3	X0280626010	COVER	1									
14	2	X0284105040	BEARING ASSY	1									
15	3	X9491034330	BEARING	1									
16	2	X0286105010	SHAFT ASSY	1									
17	3	X9491034320	BEARING	1									
18	2	X0286305010	GEAR	3									
19	2	X0286355010	GEAR	1									
20	2	X0287405140	LEVER	1									
21	2	X0534007800	SWITCH ASSY	1									
22	2	X9055715000	RING	1									
23	2	X9490721360	RING	1									
24	2	X0280210331	NUT	1									
25	2	X9490138110	WASHER	1									
26	2	X9490138090	WASHER	1									
27	2	X9490138100	WASHER	1									
28	2	X0284525010	PLATE	1									
29	2	X9490562360	NUT	1									
30	2	X9490560750	NUT	2									
31	2	X9490423420	BOLT, THROUGH	2									
33	2	X9490065670	SCREW, M4X6	2									
34	2	X0280335350	COVER, TERMINAL	1									
35	2	X1289510130	NUT	1									

OCD10-M85401 3TNV70-QIK
Fig.16. GENERATOR



OCD10-M85401 Fig.16

(A)=3TNV70-QIK
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129972-77341	BOLT, ADJUSTER L=50	1							
2	1	119910-77200	DYNAMO ASSY	1							
3	2	X2A10592KA	PLATE ASSY	1							
4	3	X2A07075KB	PLATE, COIL	1							
5	3	X3A02982KC	STATOR ASSY	1							
6	3	X4A10092KA	COLLAR	1							
7	3	XYSPS400800	SCREW	1							
8	3	XM069000000	CLAMP	1							
9	3	XM771860000	COUPLER	1							
10	3	119259-77250	SCREW	2							
11	3	24104-062010	BEARING, 6201UUC3	3							
12	2	XM863720000	NUT	1							
13	2	XM219230000	WASHER	1							
14	2	XM860250000	WASHER	1							
15	2	X3A08863KA	FLYWHEEL ASSY	1							
16	2	XM771870000	CAP	1							
17	1	26306-100002	NUT, M10	1							Z
(A=E09275)											
18	1	119734-77330	ADJUSTER	1							
19	1	119940-77270	SPACER, GENERATOR	1							
20	1	26106-080202	BOLT, M8X 20 PLATED	1							
21	1	119643-66900	DIODE	1							
22	1	119653-77710	LIMITER, CURRENT	1							
23	1	119650-77910	RELAY ASSY, GLOW	1							
26	1	129211-77920	TIMER	1							
27	1	129795-01900	STUD	1							
27-1	1	26106-100452	BOLT, M10X 45 PLATED	1							N
(A=E04151)											
28	1	119247-77100	RELAY, SAFETY	3							
29	1	129155-77925	TIMER	1							

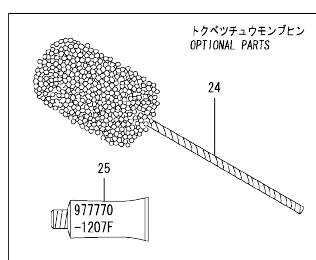
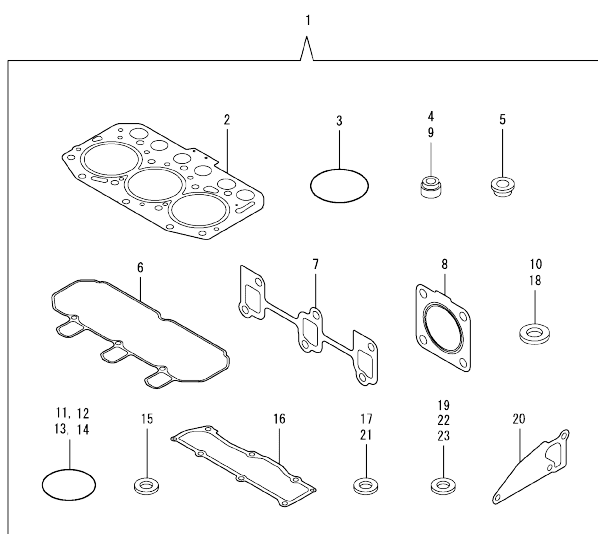
Fig.17. GASKET SET

(D)=
(E)=

(A)=3TNV70-QIK
(B)=
(C)=

(C)

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719515-92640	GASKET SET	1							1
2	2	719515-01330	GASKET, HEAD	1							
3	2	121850-51960	O-RING	1							
4	2	719717-11340	SEAL, VALVE STEM	3							
5	2	129901-11450	PROTECTOR, NOZZLE	3							
6	2	719515-11310	GASKET, BONNET	1							
7	2	719717-13110	GASKET	1							
8	2	719515-13200	GASKET, SILENCER	3							
9	2	719717-11350	SEAL, VALVE STEM	3							
10	2	22190-080002	WASHER, SEAL 6	4							
11	2	24311-000320	O-RING, 1AP32.0	2							
12	2	719717-32060	O-RING, P15.0	1							
13	2	719624-32040	O-RING, P12.0	1							
14	2	719717-32050	O-RING, P17.0	3							
15	2	719600-11460	GASKET, NOZZLE	6							
16	2	719515-11330	GASKET	1							
17	2	22190-160002	WASHER, SEAL 16	1							
18	2	22190-120002	WASHER, SEAL 12	7							
19	2	129901-59560	GASKET	3							
20	2	719515-42020	GASKET, WATER PUMP	1							
21	2	23414-080000	GASKET, 8X1.0	1							
22	2	124465-44950	GASKET, 16	1							
23	2	129150-49360	GASKET	1							
24	1	129400-92410	HONE	1							1
25	1	977770-1207F	GASKET, LIQUID	1							

Remarks
(1) OPTIONAL PART.

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

Parts No.	Fig. No.	Ref. No.
101304-59020	14	13
	18	13
101720-55750	14	26
102103-55520	14	5
	21	
	18	5
103854-39140	14	12
	18	12
104200-55321	14	17
104200-55330	14	2
	18	
	18	2
104200-55341	14	19
104200-55750	14	9
	27	
	18	9
105010-11490	4	5
105027-12580	5	5
105311-01090	1	6
105425-01690	3	7
110250-55610	14	6
	22	
	18	6
118200-53010	13	2
118400-51370	11	55
119131-18320	6	5
119225-52102	14	11
	18	11
119226-07900	4	1
119233-12700	5	8
119233-44740	10	20
119233-77932	12	128
119247-77100	16	28
119259-77250	16	10
119285-01990	1	9
119285-11990	4	13
119305-35151	9	3
119515-01200	1	30
119515-01330	1	31
	17	2
119515-01601	3	2
119515-01720	3	4
119515-11100	4	15
119515-11101	4	15 -1
119515-11110	4	16
119515-11200	4	23
119515-11240	4	24
119515-11280	4	28
119515-11310	4	48
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Parts No.	Fig. No.	Ref. No.
119515-11320	4	49
119515-11330	4	50
	17	16
119515-11380	4	37
119515-11740	4	6
119515-11800	4	11
119515-12520	5	2
119515-12610	5	1
119515-13200	6	7
	17	8
119515-13530	6	8
119515-14400	7	2
119515-14580	7	3
119515-14581	7	3 -1
119515-21580	8	9
119515-21700	8	1
119515-22080	8	16
119515-22300	8	22
119515-22500	8	18
119515-22550	8	34
119515-22900	8	32
119515-23000	8	24
119515-23301	8	31 -1
119515-23600	8	30
119515-23601	8	30 -1
119515-23610	8	38
119515-23611	8	38 -1
119515-42020	10	13
	17	20
119515-42041	10	3
119515-51100	11	10
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119515-53010	13	3
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