

0CD10-M61001EN

PREFACE

1. This parts catalog is the 2nd edition of 3TNE84-IKA for KATO WORKS CO.,LTD.

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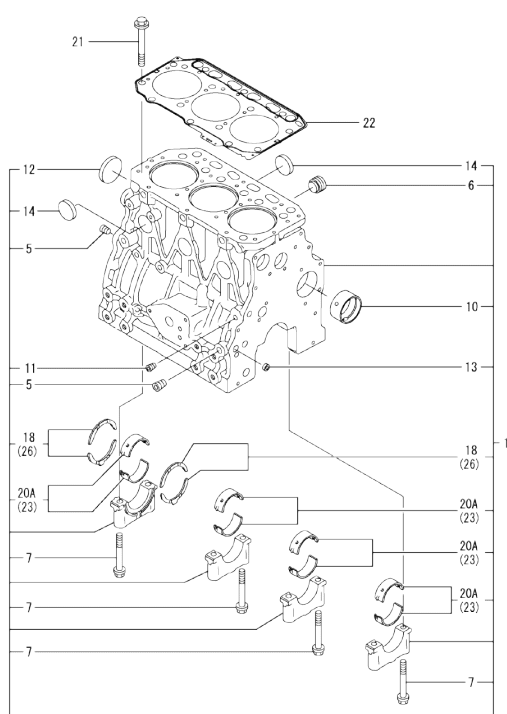
2. Model name

Engine model	Vehicle		Vehicle made by
	Products	Model name	
3TNE84-IKA	Excavator	40Z	KATO WORKS CO.,LTD.

Contents

0CD10-M61001

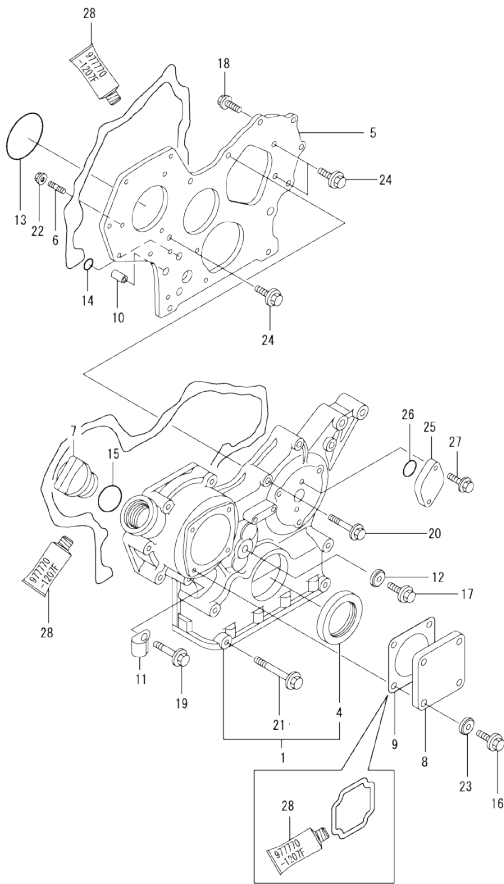
Fig. No.	Fig. Name	Fig. No.	Fig. Name
ENGINE SECTION			
1.	CYLINDER BLOCK		
2.	GEAR HOUSING		
3.	FLYWHEEL HOUSING & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	SUCTION MANIFOLD & AIR CLEANER		
6.	EXHAUST MANIFOLD & SILENCER		
7.	CAMSHAFT & DRIVING GEAR		
8.	CRANKSHAFT & PISTON		
9.	LUB.OIL SYSTEM		
10.	COOLING WATER SYSTEM		
11.	FUEL INJECTION PUMP		
12.	GOVERNOR		
13.	FUEL INJECTION VALVE		
14.	FUEL LINE		
15.	STARTING MOTOR		
16.	GENERATOR		
17.	GASKET SET		



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

				0CD10-M61001 Fig.1							
				(A)=3TNE84-1KA (B)= (C)=		(D)= (E)= (F)=					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729002-01560	BLOCK ASSY, CYLINDER	1							
5	2	124160-01910	PLUG, PT1/4	3							
6	2	171051-01921	PLUG, NPTF1	1							
7	2	129150-02020	BOLT, METAL CAP	8							
10	2	129795-02411	BUSH, CAMSHAFT	1							
10-1	2	129795-02412	BUSH, CAMSHAFT	1							N
(A=E65066)											
11	2	23871-010000	PLUG, R01	1							
11-1	2	23876-010000	PLUG, R01	1							N
(A=E46035)											
12	2	27231-500000	PLUG 50	1							
12-1	2	129001-01250	PLUG, 50	1							N
(A=E51786)											
13	2	27241-120000	PLUG, 12	2							
14	2	27241-300000	PLUG 30	6							
18	2	129150-02930	BEARING, THRUST	2							
18-1	2	129150-02931	BEARING, THRUST	2							N
(A=E65066)											
20A	2	129001-02930	BEARING, MAIN	4							3
20A-1	2	129001-02931	BEARING, MAIN	4							N 3
(A=E65066)											
21	1	129150-01200	BOLT, HEAD	14							
22	1	129002-01331	GASKET, HEAD	1							
23	1	129150-02870	BEARING, 0.25 US	4							1
23-1	1	129150-02871	BEARING, 0.25 US	4							N 1
(A=E65066)											
26	1	129150-02940	BEARING, THRUST 0.25	2							2
26-1	1	129150-02941	BEARING, THRUST 0.25	2							N 2
(A=E65066)											

OCD10-M61001 ENGINE SECTION
Fig.2. GEAR HOUSING

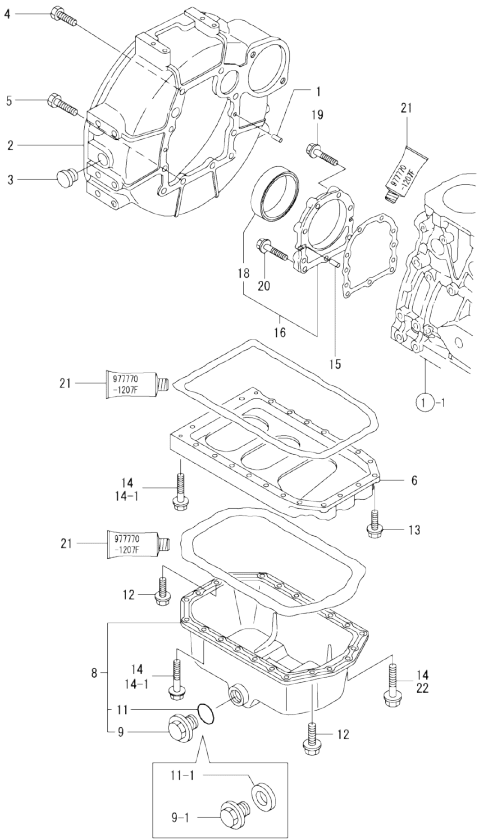


Remarks
(1) OPTIONAL PART.

OCD10-M61001 Fig.2

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719810-01500	CASE ASSY, GEAR	1							
4	2	129795-01800	SEAL, OIL	1							
5	1	129400-01520	FLANGE, GEAR CASE	1							
6	1	121450-01560	STUD, M8X22	3							
7	1	124160-01751	COVER, FILLER	1							
8	1	124240-01871	COVER	1							
9	1	124240-01883	GASKET	1							Z
(A=EXXXXX)											
10	1	129795-01950	PIPE, KNOCK L=18	2							
11	1	129150-03100	RETAINER, PIPE	1							
12	1	22190-080002	WASHER, SEAL 6	1							
13	1	121850-51960	O-RING	1							
14	1	24311-000160	O-RING, 1AP16.0	2							
14-1	1	119609-32040	O-RING, P16	2							R
(A=E65066)											
15	1	24311-000320	O-RING, 1AP32.0	1							
16	1	26106-080122	BOLT, M8X 12 PLATED	4							
17	1	26106-080162	BOLT, M8X 16 PLATED	1							
18	1	26106-080202	BOLT, M8X 20 PLATED	2							
19	1	26106-080452	BOLT, M8X 45 PLATED	6							
20	1	26106-080552	BOLT, M8X 55 PLATED	3							
21	1	26106-080852	BOLT, M8X 85 PLATED	4							
21-1	1	129001-91841	BOLT, M8X85	4							R
(A=E55422)											
22	1	26366-080002	NUT, M8	3							
22-1	1	26306-080002	NUT, M8	3							N
(A=E64367)											
23	1	22190-080002	WASHER, SEAL 6	4							
24	1	26106-080162	BOLT, M8X 16 PLATED	3							
25	1	121023-01550	COVER	1							
25-1	1	121023-01551	COVER	1							R
(A=E65066)											
26	1	24341-000240	O-RING, 1AS24.0	1							
27	1	26106-060122	BOLT, M6X 12 PLATED	2							
27-1	1	26106-060162	BOLT, M6X 16 PLATED	2							N
(A=EXXXXX)											
28	1	977770-1207F	GASKET,LIQUID	1							1

Fig.3. FLYWHEEL HOUSING & OIL SUMP



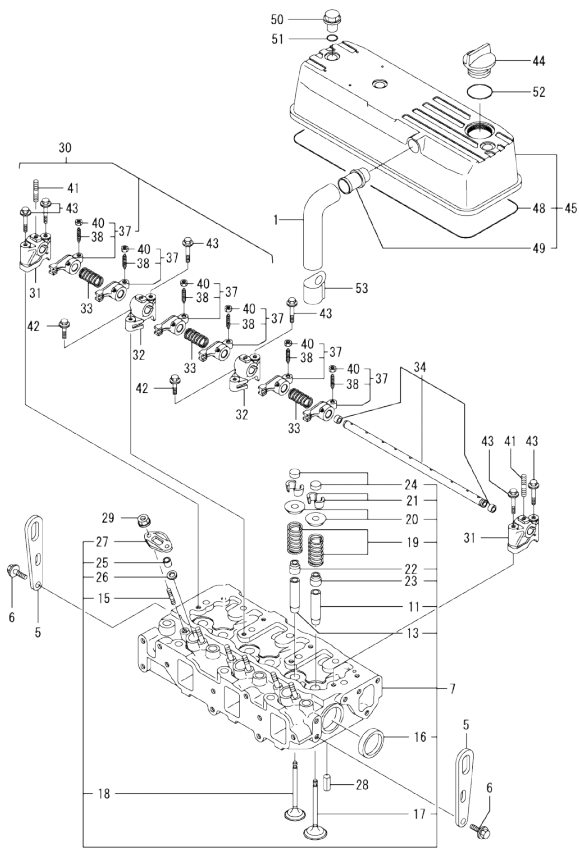
Remarks
(1) OPTIONAL PART.

(A)=3TNE84-IKA
(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	171301-01600	HOUSING, FLYWHEEL	1							
2-1	1	129612-01600	HOUSING, FLYWHEEL	1							R
(A=E36113)											
3	1	119620-01750	CAP	1							
4	1	26206-100252	BOLT, M10X 25 PLATED	6							
5	1	26206-100302	BOLT, M10X 30 PLATED	4							
6	1	129100-01730	SPACER, OIL SUMP	1							
8	1	129100-01760	SUMP ASSY, OIL	1							
9	2	171301-01640	PLUG, 22	1							
9-1	2	119640-01640	PLUG, DRAIN M22	1							S
(A=E65066)											
11	2	24341-000250	O-RING, 1AS25.0	1							
11-1	2	22190-220002	WASHER, SEAL 22	1							S
(A=E65066)											
12	1	26106-080162	BOLT, M8X 16 PLATED	4							
13	1	26106-080252	BOLT, M8X 25 PLATED	2							
14	1	26106-080452	BOLT, M8X 45 PLATED	20							
14-1	1	26106-080452	BOLT, M8X 45 PLATED	16							K
(A=FROM 1ST)											
15	1	129100-01580	PIN, M8X16	2							
16	1	129100-01640	CASE ASSY, OIL SEAL	1							
18	2	129795-01780	SEAL, OIL	1							
19	1	129486-01670	BOLT, M8X30	6							
20	1	26106-080352	BOLT, M8X 35 PLATED	3							
21	1	977770-1207F	GASKET LIQUID	1							1
22	1	26106-080502	BOLT, M8X 50 PLATED	4							W
(A=FROM 1ST)											

Fig.4. CYLINDER HEAD & BONNET

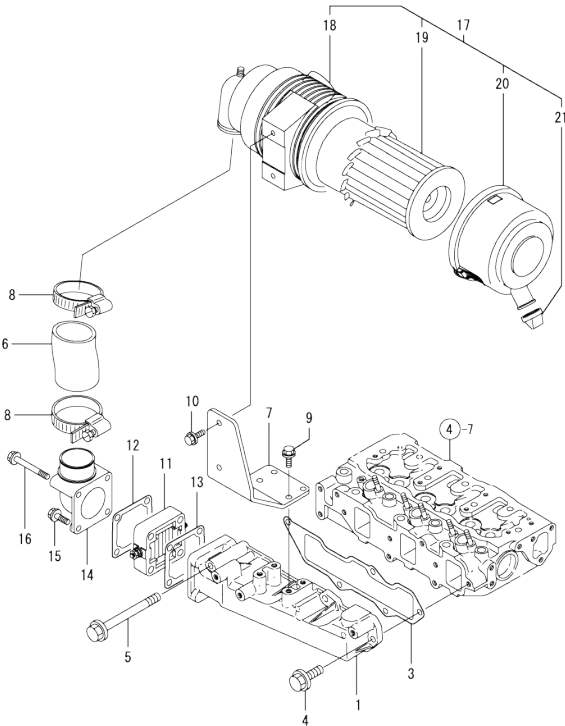


Remarks
(1) REPAIR PART.

(A)=3TNE84-IKA
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129410-03090	PIPE , BREATHER	1							
5	1	124736-07900	LIFTER	2							
6	1	26106-080142	BOLT, M8X 14 PLATED	4							
7	1	129001-11700	HEAD ASSY, CYLINDER	1							
11	2	120130-11860	GUIDE, VALVE	3							1
13	2	129150-11810	GUIDE, VALVE	3							1
15	2	26216-060202	STUD, M6X 20	6							
16	2	27241-400000	PLUG, 40	2							
17	2	129100-11100	VALVE, INTAKE	3							
18	2	129100-11110	VALVE, EXHAUST	3							
18-1	2	129100-11112	VALVE, EXHAUST	3							R
(A=E65066)											
19	2	129795-11120	SPRING, VALVE	6							
20	2	129795-11180	RETAINER, SPRING	6							
21	2	27310-080001	COTTER, 8	6							
22	2	121400-11340	SEAL, VALVE STEM	3							
23	2	124460-11340	SEAL, VALVE STEM	3							
24	2	129150-11370	CAP, VALVE	6							
25	2	119625-11871	PROTECTOR, NOZZLE	3							
25-1	2	119625-11870	PROTECTOR, NOZZLE	3							N
(A=E65066)											
26	2	119625-11880	SEAT, NOZZLE	3							
27	2	119625-11900	RETAINER, NOZZLE	3							
28	1	22351-060012	PIN, SPRING 6.0X12	2							
29	1	26366-060002	NUT, M6	6							
30	1	129155-11241	SHAFT ASSY, ROCKER	1							
31	2	129155-11260	SUPPORT, ROCKER ARM	2							
32	2	129155-11270	SUPPORT, ROCKER ARM	2							
33	2	129150-11280	SPRING	3							
34	2	129150-11290	SHAFT, ROCKER ARM	1							
37	2	729402-11650	ARM ASSY, ROCKER	6							
38	3	129150-11230	SCREW, VALVE ADJUST	6							
40	3	129150-11750	NUT, M8	6							
41	2	26226-080182	STUD, M8X 18	3							
41-1	2	119802-11280	STUD	3							R
(A=E65066)											
42	1	26106-080252	BOLT, M8X 25 PLATED	2							
43	1	26106-080502	BOLT, M8X 50 PLATED	6							
44	1	124160-01751	COVER, FILLER	1							
45	1	129001-11350	BONNET ASSY, HEAD	1							
45-1	1	129001-11351	BONNET ASSY, HEAD	1							N
(A=E51766)											
48	2	129001-11310	GASKET, BONNET	1							
49	2	129001-11340	PIPE , BREATHER	1							
50	1	124160-11360	KNOB	3							
51	1	24311-000120	O-RING, 1AP12.0	3							
52	1	24311-000320	O-RING, 1AP32.0	1							
53	1	129150-03100	RETAINER, PIPE	1							

Fig.5. SUCTION MANIFOLD & AIR CLEANER

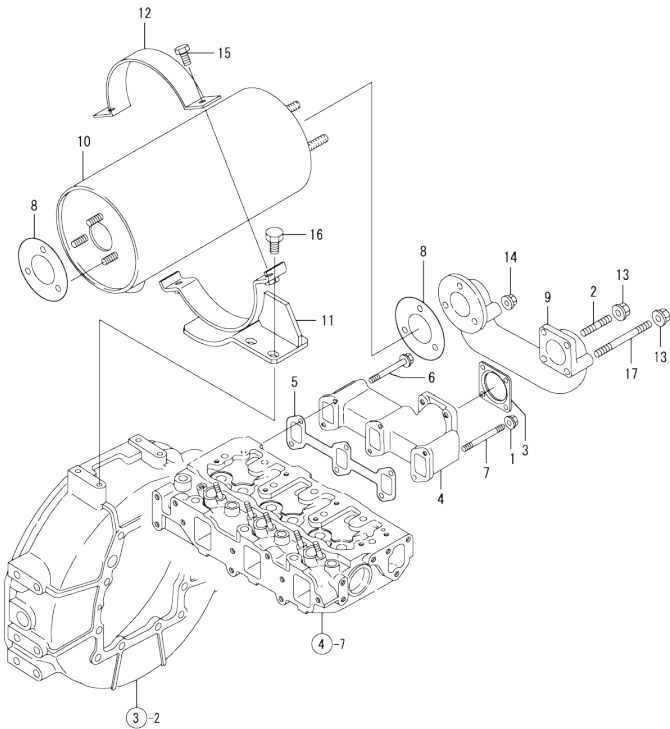


(A)=3TNE84-IKA
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129001-12100	MANIFOLD, AIR INTAKE	1							
3	1	129001-12110	GASKET, MANIFOLD	1							
4	1	26106-080202	BOLT, M8X 20 PLATED	4							
5	1	26106-080802	BOLT, M8X 80 PLATED	1							
6	1	119910-12210	PIPE, AIR INTAKE	1							
7	1	119910-12560	BRACKET, AIR CLEANER	1							
8	1	23000-060000	CLAMP, 60	2							
9	1	26106-080182	BOLT, M8X 18 PLATED	4							
9-1	1	26013-080222	BOLT, M8X 22	4							R
10	1	26106-080182	BOLT, M8X 18 PLATED	2							
10-1	1	26013-080222	BOLT, M8X 22	2							R
11	1	129100-77500	HEATER, AIR 12V	1							
11-1	1	129100-77501	HEATER	1							N
12	1	129100-77510	GASKET, AIR HEATER	1							
13	1	129150-77511	GASKET	1							
14	1	171340-77520	BEND	1							
15	1	26106-080402	BOLT, M8X 40 PLATED	2							
16	1	26106-080802	BOLT, M8X 80 PLATED	2							
17	1	129211-12540	CLEANER ASSY, AIR	1							
18	2	129211-12590	BODY	1							
19	2	119808-12520	ELEMENT	1							
20	2	119866-12540	COVER ASSY	1							
21	2	119808-12540	VALVE, UNLOADER	1							

Fig.6. EXHAUST MANIFOLD & SILENCER

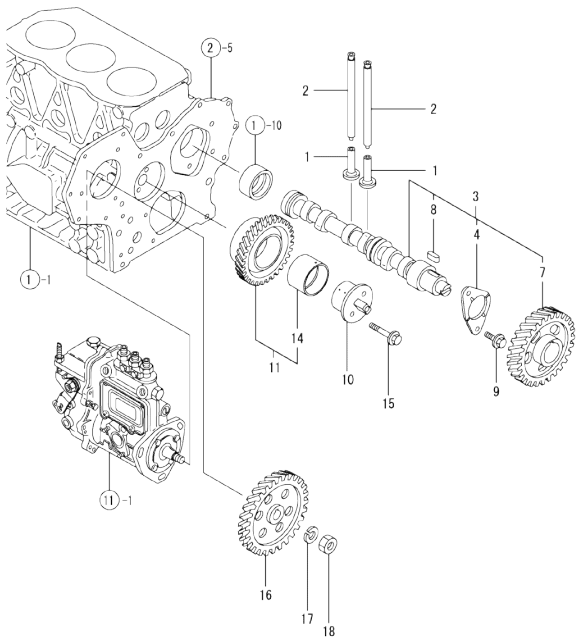


(A)=3TNE84-IKA
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194990-22050	NUT, M8	2							
1-1	1	26306-080002	NUT, M8	2							N
(A=E64367)											
2	1	26216-080222	STUD, M8X 22	2							
2-1	1	119131-18320	STUD, M8X22	2							N
(A=E37160)											
3	1	124701-11911	GASKET, SILENCER	1							
4	1	129100-13110	MANIFOLD, EXHAUST	1							
5	1	129150-13110	GASKET	1							
6	1	26106-080802	BOLT, M8X 80 PLATED	4							
6-1	1	123900-13630	BOLT, M8X80	4							N
(A=E65066)											
7	1	26216-080802	STUD, M8X 80	2							
7-1	1	123900-13610	STUD, M8X80	2							N
(A=E65066)											
8	1	103954-13201	GASKET, SILENCER	2							
9	1	129130-13560	PIPE	1							
10	1	129136-13520	SILENCER	1							
11	1	129211-13600	STAY, SILENCER	2							
12	1	129211-13610	BAND, SILENCER	2							
13	1	194990-22050	NUT, M8	4							
13-1	1	26306-080002	NUT, M8	4							N
(A=E64367)											
14	1	194990-22060	NUT W/WASHER 10	3							
14-1	1	26306-100002	NUT, M10	3							N
(A=E64367)											
15	1	26106-080352	BOLT, M8X 35 PLATED	4							
16	1	26106-100202	BOLT, M10X 20 PLATED	4							
16-1	1	26106-100162	BOLT, M10X 16 PLATED	4							N
(A=E29979)											
17	1	26216-080652	STUD, M8X 65	2							
17-1	1	119802-13750	STUD, M8X65	2							N
(A=E65066)											

Fig.7. CAMSHAFT & DRIVING GEAR



Remarks
(1) REPAIR PART.

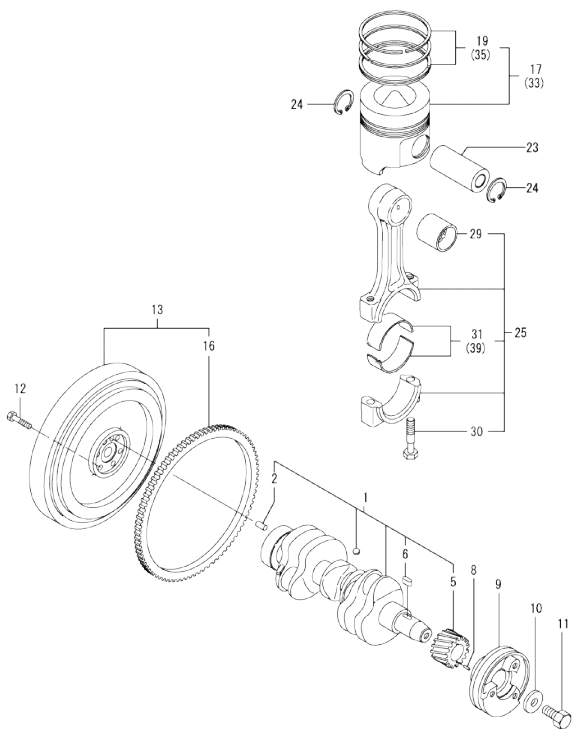
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	6							
2	1	129150-14400	ROD, PUSH L=178	6							
3	1	129129-14580	CAMSHAFT ASSY	1							
4	2	129150-02450	BEARING, THRUST	1							
7	2	129150-14101	GEAR, CAMSHAFT	1							
8	2	22512-070140	KEY, 7X 14	1							
9	1	26106-080142	BOLT, M8X 14 PLATED	2							
10	1	129100-25061	SHAFT, IDLE	1							
11	1	129150-25101	GEAR ASSY, IDLE	1							
14	2	129150-25920	BUSH, IDLE GEAR	1							1
15	1	26106-080452	BOLT, M8X 45 PLATED	2							
16	1	129150-25900	GEAR, PUMP	1							
17	1	22217-120000	WASHER, SPRING 12	1							
18	1	26716-120002	NUT, M12	1							

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{RIS}{YES}$ New, R:Old $\frac{YES}{YES}$ New, S:Old $\frac{RIS}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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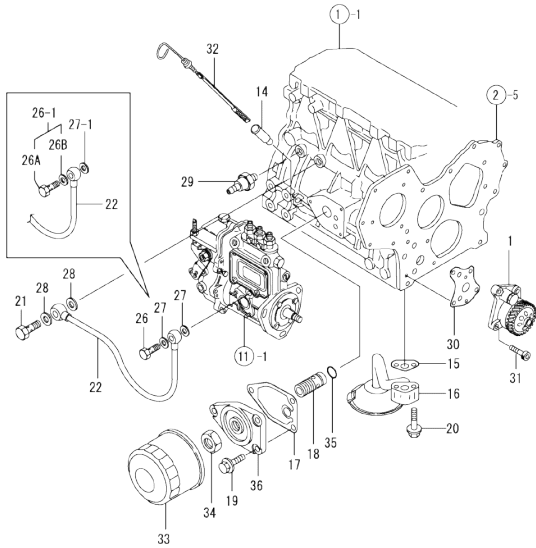
OCD10-M61001 ENGINE SECTION
Fig.8. CRANKSHAFT & PISTON



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

										OCD10-M61001		Fig.8	
										(A)=3TNE84-IKA		(D)=	
										(B)=		(E)=	
										(C)=		(F)=	
										Q'ty		I	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)			R	
1	1	129001-21000	CRANKSHAFT ASSY	1									
1-1	1	129001-21100	CRANKSHAFT ASSY	1								N	
(A=E56257)													
2	2	129100-01580	PIN, M8X16	1									
5	2	129150-21200	GEAR, CRANKSHAFT	1									
6	2	22512-070140	KEY, 7X 14	1									
8	1	22351-040010	PIN, SPRING 4.0X10	1									
9	1	171340-21650	V-PULLEY	1									
10	1	129795-21661	WASHER	1									
11	1	121850-21680	BOLT	1									
12	1	121111-21501	BOLT, FLYWHEEL	6									
13	1	129211-21590	FLYWHEEL ASSY	1									
16	2	119865-21600	GEAR, RING	1									
17	1	129002-22081	PISTON ASSY	3									
19	2	129002-22500	RING SET, PISTON	3									
23	1	129202-22300	PIN, PISTON D26 L70	3									
24	1	22252-000260	RING, 26	6									
25	1	729402-23100	ROD ASSY, CONNECTING	3									
29	2	129100-23910	BEARING, PISTON PIN	3								1	
30	2	121550-23200	BOLT, CONNECTING ROD	6									
31	2	129150-23600	BEARING, CRANK PIN	3									
31-1	2	129150-23601	BEARING, CRANK PIN	3								N	
(A=E65066)													
33	1	129002-22901	PISTON ASSY, 0.25 OS	3								2	
35	2	129002-22950	RING SET, 0.25 OS	3								2	
39	1	129150-23610	BEARING, 0.25 US	3								3	
39-1	1	129150-23611	BEARING, 0.25 US	3								N 3	
(A=E65066)													

OCD10-M61001 ENGINE SECTION
Fig.9. LUB.OIL SYSTEM



Remarks
(1) REPAIR PART.

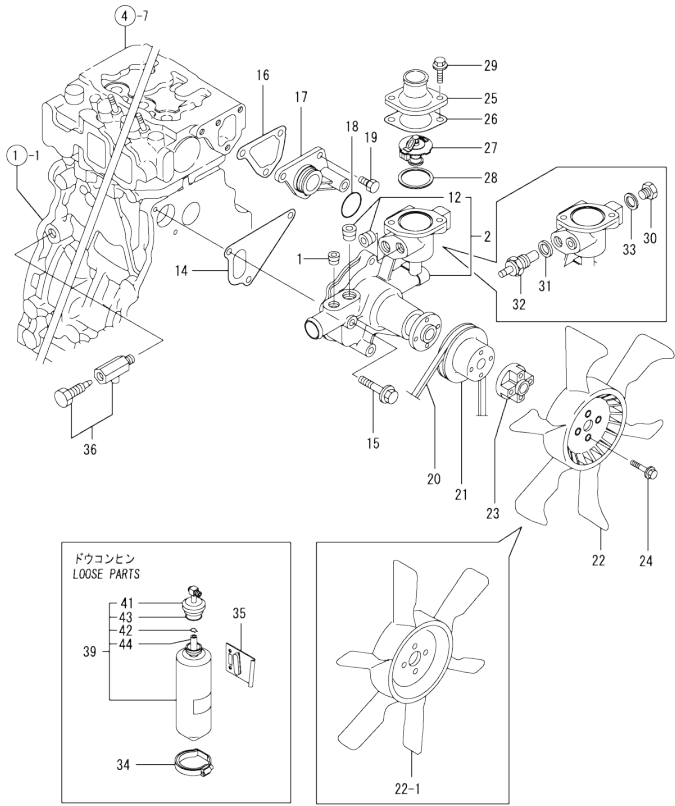
OCD10-M61001 Fig.9

(A)=3TNE84-IKA
(B)=
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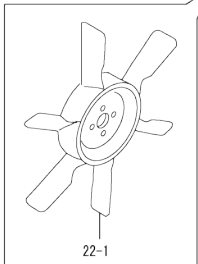
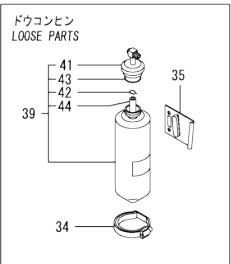
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129001-32001	PUMP ASSY, OIL	1							
14	1	121520-34810	GUIDE, DIPSTICK	1							
15	1	129150-35041	GASKET	1							
15-1	1	129150-35042	GASKET	1							N
(A=E65066)											
16	1	129100-35301	PIPE ASSY, OIL INLET	1							
17	1	129150-35111	GASKET	1							
18	1	129001-35300	BOLT, FILTER	1							
19	1	26106-080202	BOLT, M8X 20 PLATED	3							
20	1	26106-080352	BOLT, M8X 35 PLATED	2							
21	1	124160-39140	BOLT, PIPE JOINT M10	1							
22	1	129150-39450	PIPE ASSY, OIL	1							
26	1	124550-59820	BOLT, PIPE JOINT M8	1							
26-1	1	124550-59830	BOLT ASSY, JOINT M8	1							N
(A=E42681)											
26A	2	124550-59820	BOLT, PIPE JOINT M8	1							W
(A=E42681)											
26B	2	22190-080002	WASHER, SEAL 6	1							W
(A=E42681)											
27	1	23414-080000	GASKET, 8X1.0	2							
27-1	1	23414-080000	GASKET, 8X1.0	1							K
(A=E42681)											
27-2	1	22190-080002	WASHER, SEAL 6	1							N
(A=E49927)											
28	1	23414-100000	GASKET, 10X1.0	2							
28-1	1	22190-100002	WASHER, SEAL 10	2							N
(A=E49927)											
29	1	121252-39450	SWITCH, 0.5KG	1							
30	1	129150-32020	GASKET, PUMP	1							
31	1	26450-060252	BOLT, M6X 25	4							
32	1	171420-34820	DIPSTICK, OIL	1							
33	1	129150-35153	FILTER 80X80L	1							1
34	1	129150-35350	NUT	1							
35	1	24311-000160	O-RING, 1AP16.0	1							
36	1	129150-35101	BRACKET, STRAINER	1							

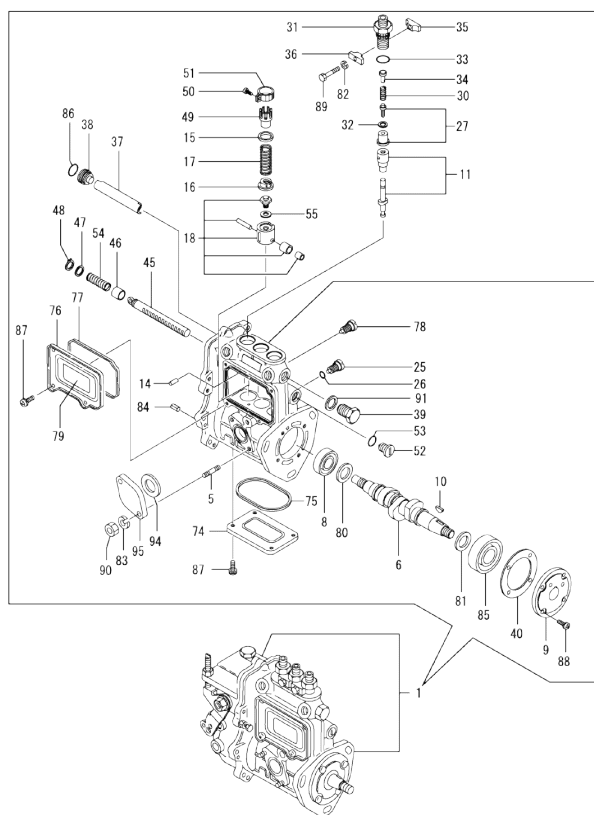
Fig.10. COOLING WATER SYSTEM



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121850-11860 (A=E48736)	PLUG, PT1/4	1						Z	
2	1	129001-42002	PUMP ASSY, WATER	1							
2-1	1	129001-42003 (A=E48736)	PUMP ASSY, WATER	1						N	
2-2	1	129001-42004	PUMP ASSY, WATER	1						N	
12	2	23871-030000 (A=E65066)	PLUG, R03	2							
12-1	2	129916-49740	PLUG, R03	2						N	
14	1	129100-42020	GASKET, WATER PUMP	1							
14-1	1	129486-42021	GASKET, WATER PUMP	1						N	
15	1	26106-080602 (A=E48736)	BOLT, M8X 60 PLATED	3							
16	1	129100-49840	GASKET	1							
16-1	1	124395-49840 (A=E65066)	GASKET	1						R	
17	1	129001-42040	JOINT	1							
18	1	24321-000300	O-RING, 1AG30.0	1							
18-1	1	129486-42140 (A=E48736)	O-RING, G30	1						N	
19	1	26106-080162	BOLT, M8X 16 PLATED	3							
20	1	25132-003900	V-BELT, A39	1							
20-1	1	119831-42290	V-BELT, A37.5	1						S	
21	1	129403-42380 (A=E28484)	V-PULLEY, D=110	1							
21-1	1	129155-42350	V-PULLEY	1						S	
22	1	129612-44700 (A=E28484)	FAN, COOLING	1							
22-1	1	171340-44740	FAN, COOLING D335XNF	1						S	
23	1	121267-44760	SPACER	1							
24	1	26014-060302	BOLT, M6X 30	4							
25	1	129350-49560	COVER, THERMOSTAT	1							
26	1	129795-49551	GASKET	1							
27	1	129155-49800	THERMOSTAT, 71	1							
27-1	1	129155-49801 (A=E65066)	THERMOSTAT, 71	1						N	
28	1	129150-49811	GASKET, THERMOSTAT	1							
29	1	26106-080202	BOLT, M8X 20 PLATED	2							
30	1	121450-42450	PLUG, M16	1							
31	1	124465-44950	GASKET, 16	1							
32	1	171056-49351	SENSOR	1							
33	1	129150-49360	GASKET	1							
34	1	124450-44550	BAND	1							
35	1	121256-44600	BRACKET, SUB TANK	1							
36	1	119620-49290	COCK ASSY, 1/4	1							
39	1	171064-44510	TANK ASSY, SUB	1							
41	2	121450-44531	CAP	1							
42	2	124450-44560	RETAINER	1							
43	2	121470-44581	GASKET	1							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
44	2	23065-070225	HOSE 7X 225	1							



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

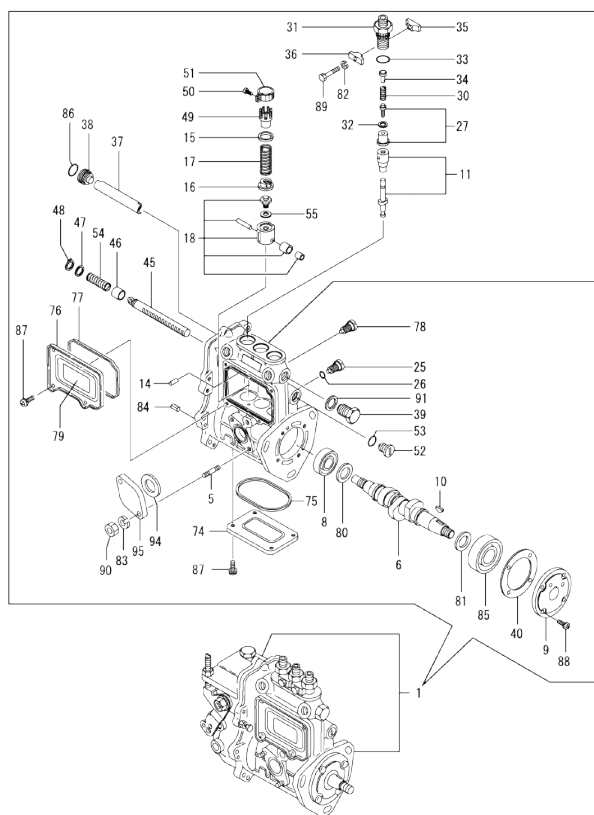
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729216-51380	PUMP ASSY, INJECTION	1							1
5	2	129155-51020	STUD	2							
6	2	119810-51040	CAMSHAFT	1							
8	2	129155-51050	BEARING, 17BM001D	1							
8-1	2	129155-51051	BEARING	1							R
(A=E65066)											
9	2	129155-51060	SUPPORT, CAMSHAFT	1							
10	2	122710-51090	KEY	1							
11	2	129506-51100	PLUNGER ASSY	3							
14	2	129155-51140	PIN	3							
15	2	174307-51170	RETAINER, SPRING A	3							
16	2	129155-51180	RETAINER, SPRING	3							
17	2	124950-51190	SPRING, PLUNGER	3							
18	2	129155-51200	TAPPET ASSY	3							
25	2	129155-51270	STOPPER, TAPPET	3							
26	2	129155-51280	O-RING, S6	3							
27	2	129450-51300	VALVE ASSY, DELIVERY	3							
30	2	129155-51320	SPRING, DELIVERY	3							
31	2	129155-51340	RETAINER	3							
32	2	124550-51350	GASKET, DELIVERY	3							
33	2	124550-51370	O-RING	3							
33-1	2	24316-000150	O-RING, 4DP15.0	3							N
(A=E65066)											
34	2	129155-51370	STOPPER, VALVE	3							
35	2	129155-51380	STOPPER	2							
36	2	129155-51390	STOPPER	2							
37	2	129155-51400	DEFLECTOR	1							
38	2	129155-51410	BOLT	1							
39	2	129155-51420	PLUG, M16	1							
40	2	129155-51450	SHIM SET, ADJUSTING	1							
45	2	129155-51500	RACK, CONTROL	1							
45-1	2	119717-51500	RACK, CONTROL	1							R
(A=E65066)											
46	2	129155-51521	BUSH, RACK	1							
47	2	129155-51530	SPACER	1							
48	2	129155-51540	CIRCLIP	1							
49	2	129155-51550	PINION, CONTROL	3							
50	2	122117-51560	SCREW	3							
50-1	2	129100-51570	SCREW	3							N
(A=E62823)											
51	2	174307-51560	PINION	3							
51-1	2	129100-51560	PINION	3							N
(A=E62823)											
52	2	129155-51570	PLUG, M12	1							
53	2	129155-51580	O-RING	1							
54	2	129155-51591	SPRING, RACK	1							
55	2	129155-51600	SHIM SET, ADJUSTING	3							
74	2	129155-51700	COVER	1							
74-1	2	129155-51701	COVER	1							N
(A=E53844)											
75	2	129155-51710	GASKET	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

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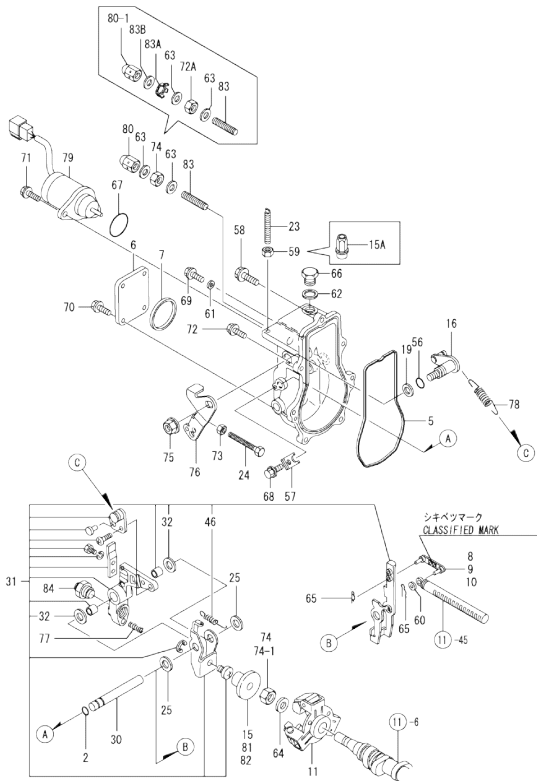


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
75-1	2	129155-51711 (A=E60382)	GASKET	1							N
76	2	129155-51750	COVER	1							
76-1	2	129155-51751 (A=E53844)	COVER	1							N
77	2	129155-51760	GASKET	1							
77-1	2	129155-51761 (A=EXXXXXX)	GASKET	1							N
78	2	129155-51790	STOOPER, RACK	1							
79	2	129156-51910	LABEL, CAUTION	1							
80	2	129155-51930	SPACER, T=3.25	1							
81	2	129155-51940	SPACER, T=1.5	1							
82	2	22217-050000	WASHER, SPRING 5	2							
83	2	22217-060000	WASHER, SPRING 6	2							
84	2	22351-050010	PIN, SPRING 5.0X10	2							
85	2	24101-063034	BEARING, BALL 6303	1							
86	2	24341-000160	O-RING, 1AS16.0	1							
86-1	2	119717-51420	O-RING	1							N
87	2	26022-050102 (A=E65066)	SCREW, M5X10	8							
87-1	2	26022-050122	SCREW, M5X12	8							N
88	2	26022-060162 (A=E53844)	SCREW, M6X16	4							
89	2	26116-050302	BOLT, M5X 30 PLATED	2							
90	2	26716-060002	NUT, M6	2							
91	2	22190-160002	WASHER, SEAL 16	1							
94	2	129155-52050	GASKET	1							
94-1	2	129155-52051 (A=EXXXXXX)	GASKET	1							N
95	2	129100-52200	COVER	1							

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

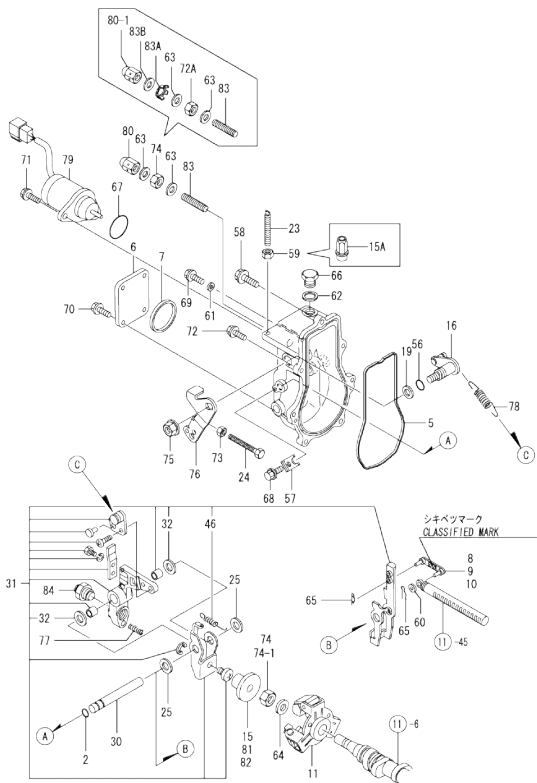


Remarks
(1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER. (REF. TO ILLUSTRATION).
(2) SELECTIVE PART.
* THIS FIGURE (GOVERNOR ASSY) IS INCORPORATED IN THE FUEL INJECTION PUMP ASSY (FIG. 11).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	129155-61280	O-RING, S6	1							
5	2	129052-61050	GASKET	1							
5-1	2	129052-61051	GASKET	1						N	
6	2	129052-61060	COVER, GOVERNOR CASE	1							
7	2	129052-61070	GASKET	1							
7-1	2	129052-61071	GASKET	1						N	
8	2	129155-61120	LINK, L=30 MARK 0	1							1
9	2	129155-61130	LINK, L=31 MARK 1	1							1
10	2	129155-61140	LINK, L=30.5 MARK 05	1							1
11	2	129155-61201	WEIGHT ASSY, GOVERNOR	1							
11-1	2	129155-61202	WEIGHT ASSY, GOVERNOR	1							R
15	2	129155-61341	SLEEVE	1							2
15A	2	129209-61370	NUT, M6	1							W
16	2	129100-61400	SHAFT ASSY	1							
19	2	129155-61430	SPACER	1							
23	2	129155-61450	BOLT, LIMITER	1							
24	2	129155-61460	BOLT, IDLE	1							
25	2	129155-61480	SPACER ASSY	2							
30	2	129052-61390	SHAFT	1							
31	2	129052-61500	LEVER ASSY, GOVERNOR	1							
31-1	2	119908-61501	LEVER ASSY, GOVERNOR	1						N	
32	3	174307-51700	SHIM SET	2							
46	3	129052-61540	SPRING, SET	1							
46-1	3	129486-61540	SPRING, SET	1						N	
56	2	129155-61830	O-RING, S10	1							
57	2	119660-61901	RETAINER, SHAFT	1							
58	2	129155-61950	BOLT	1							
59	2	124550-66370	NUT, M6	1							Z
60	2	22117-040000	WASHER, 4	1							
61	2	22190-060002	WASHER, SEAL 6	1							
61-1	2	22190-060003	SEAL WASER 6	1						N	
62	2	22190-100002	WASHER, SEAL 10	1							
63	2	22190-120002	WASHER, SEAL 12	2							
64	2	22287-120000	WASHER, 12	1							
65	2	22372-040000	PIN, SNAP 4	2							
66	2	23887-100002	PLUG, 10	1							
67	2	24341-000280	O-RING, 1AS28.0	1							
67-1	2	158552-61900	O-RING	1						N	
68	2	26106-060102	BOLT, M6X 10 PLATED	1							
69	2	26106-060102	BOLT, M6X 10 PLATED	1							
70	2	26106-060102	BOLT, M6X 10 PLATED	4							
71	2	26106-060142	BOLT, M6X 14 PLATED	2							

N:Old, $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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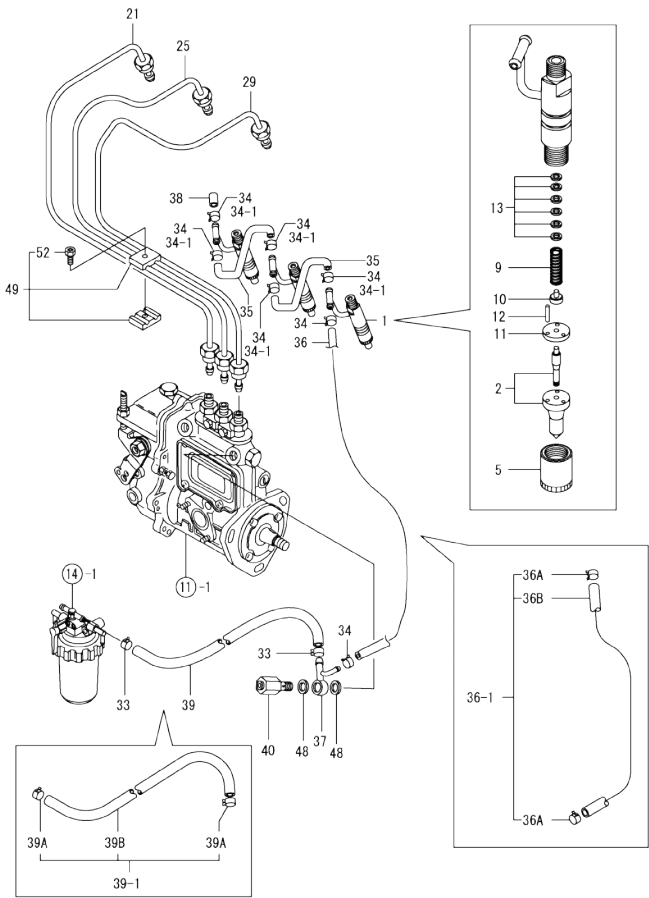
Fig.12. GOVERNOR



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
72	2	26106-060202	BOLT, M6X 20 PLATED	6							
72A	2	26736-120002	NUT, M12	1							W
(A=E65038)											
73	2	26756-060002	NUT, LOCK M6	1							
74	2	26776-120002	NUT, LOCK M12	2							
74-1	2	26776-120002	NUT, LOCK M12	1							K
(A=E65038)											
75	2	26366-080002	NUT, M8	1							
76	2	129100-61440	LEVER, CONTROL	1							
77	2	129100-61650	SPRING, CONTROLLER	1							
78	2	171353-61710	SPRING, GOVERNOR	1							
79	2	119233-77931	SOLENOID, STOP	1							
79-1	2	119233-77932	SOLENOID, STOP	1							N
(A=E64367)											
80	2	26687-120002	NUT, CAP M12	1							
80-1	2	129209-61930	NUT, CAP	1							S
(A=E65066)											
81	2	129155-61350	SLEEVE, L=24.9	1							2
82	2	129155-61360	SLEEVE, L=25.2	1							2
83	2	129155-61470	BOLT, CONTROL	1							
83A	2	129209-61970	PLATE	1							W
(A=E65066)											
83B	2	23414-120016	GASKET, 12X1.0	1							W
(A=E65066)											
84	2	171353-61550	ANGLEICH ASSY	1							

Fig.13. FUEL INJECTION VALVE



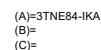
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729503-53100	VALVE ASSY,INJECTION	3							
2	2	129503-53000	VALVE ASSY,INJECTION	3							
5	2	114250-53080	NUT, NOZZLE D16.95	3							
9	2	114250-53120	SPRING, NOZZLE	3							
10	2	114250-53130	SEAT, SPRING	3							
11	2	114250-53140	PLATE	3							
12	2	114250-53210	PIN	6							
13	2	114250-53400	SHIM SET	3							
21	1	129001-59910	PIPE ASSY, INJECTION	1							
25	1	129001-59920	PIPE ASSY, INJECTION	1							
29	1	129001-59930	PIPE ASSY, INJECTION	1							
33	1	124766-59050	CLIP, HOSE 12	2						Z	
(A=E40159)											
34	1	124066-59100	CLIP, HOSE 8	7							
34-1	1	124066-59100	CLIP, HOSE 8	5						K	
(A=E48736)											
35	1	121250-59550	PIPE, FUEL D8X120	2							
36	1	119840-59560	PIPE, FUEL RETURN	1							
36-1	1	119840-59500	PIPE ASSY, RETURN	1						N	
(A=E48736)											
36A	2	124066-59100	CLIP, HOSE 8	2						W	
(A=E48736)											
36B	2	119840-59560	PIPE, FUEL RETURN	1						W	
(A=E48736)											
37	1	119840-59570	JOINT	1							
38	1	129150-59580	CAP	1							
39	1	129255-59580	PIPE, FUEL	1							
39-1	1	129210-59130	PIPE ASSY, FUEL	1						N	
(A=E40159)											
39A	2	124766-59050	CLIP, HOSE 12	2						W	
(A=E40159)											
39B	2	105025-59750	PIPE, FUEL	1						W	
(A=E40159)											
40	1	129100-59951	VALVE ASSY, CHECK	1							
40-1	1	119813-59950	VALVE ASSY, CHECK	1						N	
(A=E65066)											
48	1	23414-120000	GASKET, 12X1.0	2							
48-1	1	22190-120002	WASHER, SEAL 12	2						N	
(A=E48736)											
49	1	119305-59120	RETAINER, PIPE	2							
52	2	129150-59131	BOLT, M4X14	2							

Fig.14. FUEL LINE

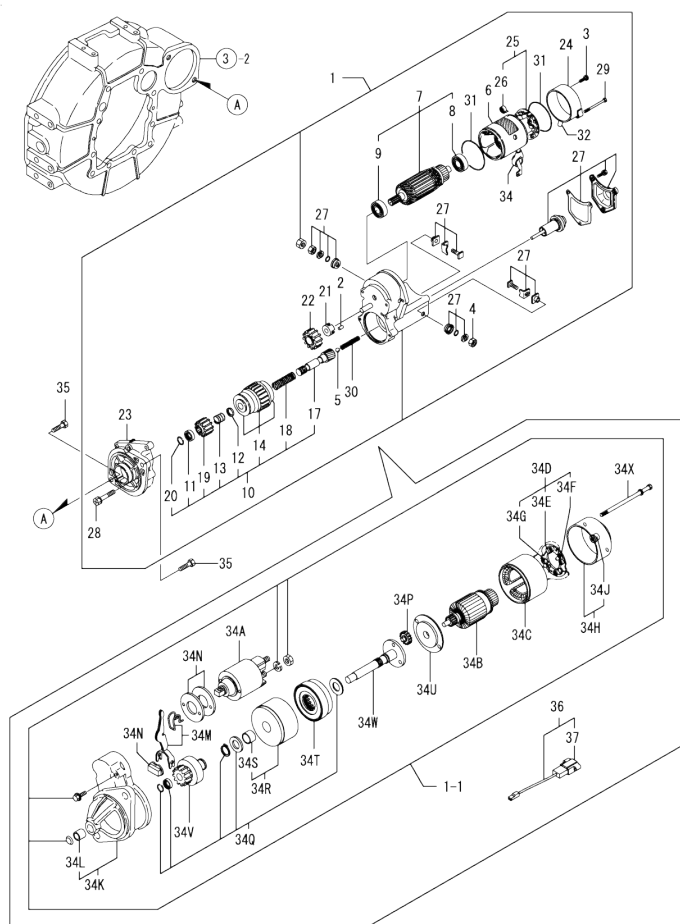
(A)=3TNE84-IKA
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129052-55620	FILTER ASSY, FUEL	1							
2	2	104200-55321	VALVE, TAPER	1							
3	2	104200-55330	SPRING, VALVE	1							
4	2	129100-55650	ELEMENT	1							
6	2	129100-55670	LEVER	1							
7	2	129100-55680	CUP, STRAINER	1							
8	2	129100-55690	RING, RETAINING	1							
9	2	129100-55700	SPRING	1							
10	2	104200-55750	SCREW, M4	1							
11	2	24311-000160	O-RING, 1AP16.0	1							
12	2	24311-240100	O-RING, 1AP10A	1							
13	2	24321-000650	O-RING, 1AG65.0	1							
14	1	26014-080702	BOLT, M8X 70	1							
15	1	103854-39140	BOLT, PIPE JOINT	1							
16	1	101304-59020	JOINT, PIPE 12	1							
17	1	124766-59050	CLIP, HOSE 12	2							Z
(A=E40159)											
18	1	22190-120002	WASHER, SEAL 12	2							
19	1	129115-59510	PIPE, FUEL	1							
19-1	1	129210-59040	PIPE ASSY, FUEL	1							N
(A=E40159)											
19A	2	124766-59050	CLIP, HOSE 12	2							W
(A=E40159)											
19B	2	129555-59510	PIPE, D13/7.5X180	1							W
(A=E40159)											
20	1	129255-59580	PIPE, FUEL	1							Z
(A=EXXXXX)											
21	1	129335-55700	SEPARATOR ASSY, WATER	1							
22	2	104200-55321	VALVE, TAPER	1							
23	2	104200-55330	SPRING, VALVE	1							
24	2	104200-55341	HANDLE	1							
25	2	124064-55510	COVER	1							
26	2	102103-55520	O-RING	1							
27	2	110250-55610	RING, RETAINING	1							
28	2	121257-55720	SPRING	1							
29	2	121257-55731	FLOAT	1							
31	2	101720-55750	PLUG, 6	2							
32	2	104200-55750	SCREW, M4	1							
33	2	171081-55910	SCREEN	1							
34	2	23418-060000	GASKET, 6X1.0	2							
35	2	24311-240100	O-RING, 1AP10A	1							
36	1	119225-52102	PUMP ASSY, FUEL FEED	1							
37	1	124766-59050	CLIP, HOSE 12	2							Z
(A=EXXXXX)											

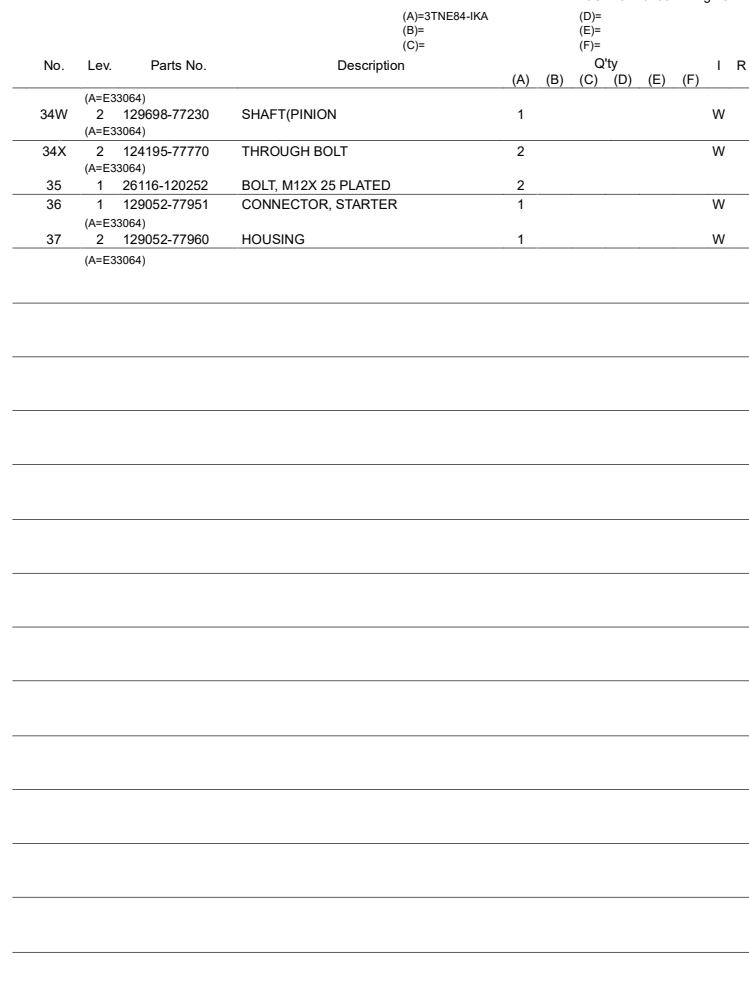


N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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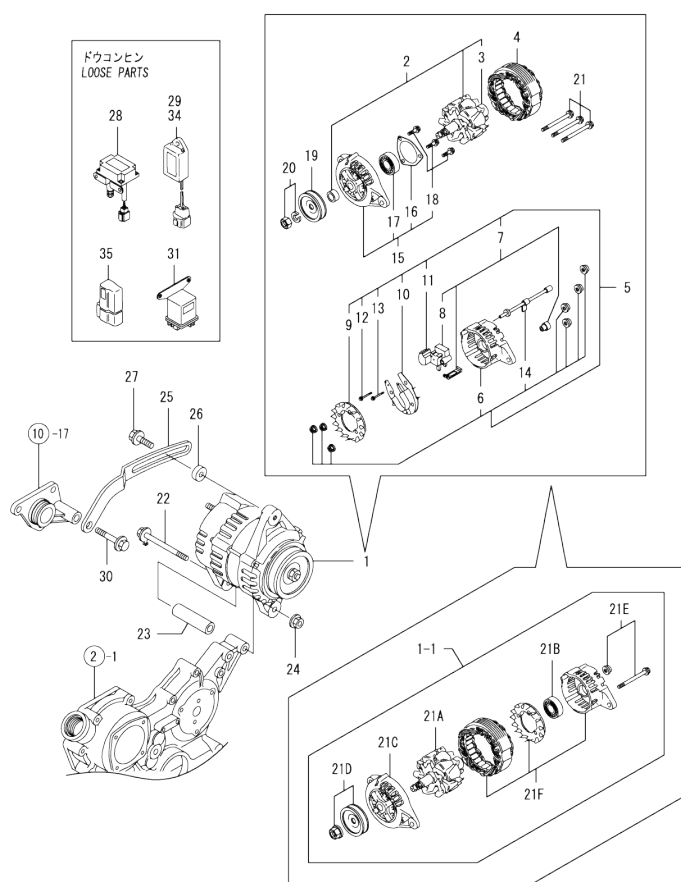
No.	Lev.	Parts No.	Description	(A)=3TNE84-IKA			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
28	2	129129-77320 (A=E33064)	BOLT	2						Z	
29	2	129407-77330 (A=E33064)	BOLT	2						Z	
30	2	129129-77340 (A=E33064)	SPRING	1						Z	
31	2	129129-77350 (A=E33064)	O-RING	2						Z	
32	2	129129-77361 (A=E33064)	BUSH	1						Z	
34	2	129129-77380 (A=E33064)	CAP	1						Z	
34A	2	129698-77020 (A=E33064)	MAGNETIC SWITCH ASSY	1						W	
34B	2	129698-77101 (A=E33064)	ARMATURE ASSY	1						W	
34C	2	129608-77110 (A=E33064)	YOKE ASSY	1						W	
34D	2	129698-77120 (A=E33064)	HOLDER ASSY, BRUSH	1						W	
34E	3	129698-77140 (A=E33064)	BRUSH(+) SET	1						W	
34F	3	129698-77130 (A=E33064)	BRUSH (-)	2						W	
34G	3	129698-77150 (A=E33064)	SPRING, BRUSH	4						W	
34H	2	129698-77161 (A=E33064)	COVER ASSY	1						W	
34J	3	129698-77170 (A=E33064)	BEARING	1						W	
34K	2	129698-77260 (A=E33064)	HOUSING ASSY, GEARS	1						W	
34L	3	X2114535200 (A=E33064)	METAL, STARTER	1						W	
34M	2	129698-77270 (A=E33064)	LEVER SET, SHIFT	1						W	
34N	2	129698-77280 (A=E33064)	COVER KIT	1						W	
34P	2	129698-77240 (A=E33064)	GEAR	3						W	
34Q	2	129698-77250 (A=E33064)	WASHER SET	1						W	
34R	2	129698-77180 (A=E33064)	BRACKET	1						W	
34S	3	129698-77190 (A=E33064)	BRACKET	1						W	
34T	2	129698-77200 (A=E33064)	GEAR, INTERNAL	1						W	
34U	2	129698-77210 (A=E33064)	BRACKET	1						W	
34V	2	129698-77220	PINION ASSY	1						W	

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
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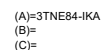
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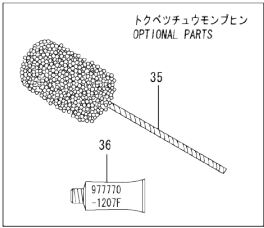
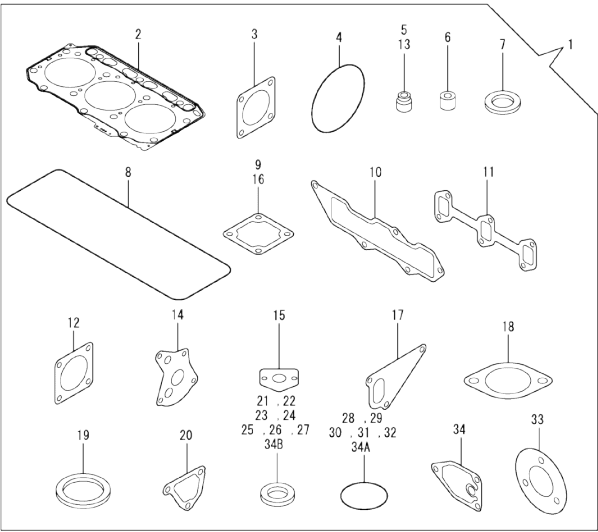
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119836-77200	GENERATOR	1							
1-1	1	119836-77201 (A=E40471)	GENERATOR (AC)	1							R
2	2	119836-77700 (A=E40471)	ROTOR ASSY	1							Z
3	3	119836-77850 (A=E40471)	BALL BEARING	1							Z
4	2	119836-77710 (A=E40471)	STATOR ASSY	1							Z
5	2	119836-77721 (A=E40471)	COVER ASSY, REAR	1							Z
6	3	119836-77730 (A=E40471)	COVER, REAR	1							Z
7	3	119836-77741 (A=E40471)	BRUSH ASSY,REGULATOR	1							Z
8	4	119836-77750 (A=E40471)	BRUSH ASSY	1							Z
9	3	119836-77760 (A=E40471)	GUIDE, FAN SIDE	1							Z
10	3	119836-77770 (A=E40471)	DIODE ASSY	1							Z
11	3	119836-77780 (A=E40471)	CONDENSER	1							Z
12	3	119836-77871 (A=E40471)	BOLT (1)	1							Z
13	3	119836-77880 (A=E40471)	BOLT (2)	1							Z
14	3	119836-77890 (A=E40471)	WIRE ASSY, LEAD	1							Z
15	2	119836-77790 (A=E40471)	COVER ASSY, FRONT	1							Z
16	3	119836-77800 (A=E40471)	RETAINER, BEARING	1							Z
17	3	119836-77840 (A=E40471)	BALL BEARING	1							Z
18	3	119836-77860 (A=E40471)	SCREW KID	1							Z
19	2	119836-77810 (A=E40471)	PULLEY	1							Z
20	2	119836-77820 (A=E40471)	NUT ASSY, PULLEY	1							Z
21	2	119836-77830 (A=E40471)	BOLT, THROUGH	1							Z
21A	2	129612-77700 (A=E40471)	ROTOR ASSY	1							W
21B	2	129612-77710 (A=E40471)	BEARING, BALL	1							W
21C	2	129612-77730 (A=E40471)	BRACKET ASSY, FILTER	1							W
21D	2	129612-77740 (A=E40471)	PULLEY	1							W

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
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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.17. GASKET SET



Remarks
(1) OPTIONAL PARTS.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729002-92630	GASKET SET	1							1
1-1	1	729002-92631	GASKET SET	1						N	1
(A=E65066)											
2	2	129002-01331	GASKET, HEAD	1							
3	2	124240-01883	GASKET	1							
4	2	121850-51960	O-RING	1							
5	2	124460-11340	SEAL, VALVE STEM	3							
6	2	119625-11871	PROTECTOR, NOZZLE	3							
6-1	2	119625-11870	PROTECTOR, NOZZLE	3							R
(A=E65066)											
7	2	119625-11880	SEAT, NOZZLE	3							
8	2	129001-11310	GASKET, BONNET	1							
9	2	129150-77511	GASKET	1							
10	2	129001-12110	GASKET, MANIFOLD	1							
11	2	129150-13110	GASKET	1							
12	2	124701-11911	GASKET, SILENCER	1							
13	2	121400-11340	SEAL, VALVE STEM	3							
14	2	129150-32020	GASKET, PUMP	1							
15	2	129150-35041	GASKET	1							
15-1	2	129150-35042	GASKET	1							N
(A=E65066)											
16	2	129100-77510	GASKET, AIR HEATER	1							
17	2	129100-42020	GASKET, WATER PUMP	1							
17-1	2	129486-42021	GASKET, WATER PUMP	1							N
(A=E48736)											
18	2	129795-49551	GASKET	1							
19	2	129150-49811	GASKET, THERMOSTAT	1							
20	2	129100-49840	GASKET	1							
20-1	2	124395-49840	GASKET	1							R
(A=E65066)											
21	2	129155-52050	GASKET	1							
22	2	22190-080002	WASHER, SEAL 6	5							
23	2	23414-080000	GASKET, 8X1.0	2							
23-1	2	22190-080002	WASHER, SEAL 6	2							N
(A=E49927)											
24	2	23414-100000	GASKET, 10X1.0	2							
24-1	2	22190-100002	WASHER, SEAL 10	2							N
(A=E49927)											
25	2	23414-120000	GASKET, 12X1.0	2							
25-1	2	22190-120002	WASHER, SEAL 12	3							N
(A=E48736)											
26	2	124465-44950	GASKET, 16	1							
27	2	129150-49360	GASKET	1							
28	2	24311-000120	O-RING, 1AP12.0	3							
29	2	24311-000160	O-RING, 1AP16.0	3							
30	2	24311-000320	O-RING, 1AP32.0	2							
31	2	24341-000240	O-RING, 1AS24.0	1							
32	2	24321-000300	O-RING, 1AG30.0	1							
33	2	103954-13201	GASKET, SILENCER	2							
34	2	129150-35111	GASKET	1							
34A	2	119609-32040	O-RING, P16	2							W

N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	14	16
101720-55750	14	31
102103-55520	14	26
103854-39140	14	15
103954-13201	6	8
	17	33
104200-55321	14	2
	22	
104200-55330	14	3
	23	
104200-55341	14	24
104200-55750	14	10
	32	
105025-59750	13	39 B
106500-44810	16	26
110250-55610	14	27
114250-53080	13	5
114250-53120	13	9
114250-53130	13	10
114250-53140	13	11
114250-53210	13	12
114250-53400	13	13
119131-18320	6	2 -1
119225-52102	14	36
119233-77931	12	79
119233-77932	12	79 -1
119305-59120	13	49
119609-32040	2	14 -1
	17	34 A
119620-01750	3	3
119620-49290	10	36
119625-11870	4	25 -1
	17	6 -1
119625-11871	4	25
	17	6
119625-11880	4	26
	17	7
119625-11900	4	27
119632-77920	16	29
119640-01640	3	9 -1
119643-66900	16	35
119650-77910	16	31
119660-61901	12	57
119717-51420	11	86 -1
119717-51500	11	45 -1
119802-11280	4	41 -1
119802-13750	6	17 -1
119808-12520	5	19
119808-12540	5	21
119810-51040	11	6

Parts No.	Fig. No.	Ref. No.
119810-77340	16	27 -1
119813-59950	13	40 -1
119820-77340	16	23
119831-42290	10	20 -1
119836-77200	16	1
119836-77201	16	1 -1
119836-77700	16	2
119836-77710	16	4
119836-77721	16	5
119836-77730	16	6
119836-77741	16	7
119836-77750	16	8
119836-77760	16	9
119836-77770	16	10
119836-77780	16	11
119836-77790	16	15
119836-77800	16	16
119836-77810	16	19
119836-77820	16	20
119836-77830	16	21
119836-77840	16	17
119836-77850	16	3
119836-77860	16	18
119836-77871	16	12
119836-77880	16	13
119836-77890	16	14
119836-77920	16	21 F
119840-59500	13	36 -1
119840-59560	13	36
		36 B
119840-59570	13	37
119865-21600	8	16
119866-12540	5	20
119908-61501	12	31 -1
119910-12210	5	6
119910-12560	5	7
120130-11860	4	11
121023-01550	2	25
121023-01551	2	25 -1
121111-21501	8	12
121250-59550	13	35
121252-39450	9	29
121256-44600	10	35
121257-55720	14	28
121257-55731	14	29
121267-44760	10	23
121400-11340	4	22
	17	13
121450-01560	2	6
121450-42450	10	30

Parts No.	Fig. No.	Ref. No.
121450-44531	10	41
121470-44581	10	43
121520-34810	9	14
121550-23200	8	30
121850-11860	10	1
121850-21680	8	11
121850-51960	2	13
	17	4
122117-51560	11	50
122710-51090	11	10
123900-13610	6	7 -1
123900-13630	6	6 -1
124064-55510	14	25
124066-59100	13	34
		34 -1
		36 A
124160-01751	2	7
	4	44
124160-01910	1	5
124160-11360	4	50
124160-39140	9	21
124195-77770	15	34 X
124240-01871	2	8
124240-01883	2	9
	17	3
124395-49840	10	16 -1
	17	20 -1
124450-44550	10	34
124450-44560	10	42
124460-11340	4	23
	17	5
124465-44950	10	31
	17	26
124550-51350	11	32
124550-51370	11	33
124550-59820	9	26
		26 A
124550-59830	9	26 -1
124550-66370	12	59
124701-11911	6	3
	17	12
124736-07900	4	5
124766-59050	13	33
		39 A
	14	17
		19 A
		37
124950-51190	11	17
128300-77920	16	34
129001-01250	1	12 -1

Parts No.	Fig. No.	Ref. No.
129001-02930	1	20 A
129001-02931	1	20 A-1
129001-11310	4	48
	17	8
129001-11340	4	49
129001-11350	4	45
129001-11351	4	45 -1
129001-11700	4	7
129001-12100	5	1
129001-12110	5	3
	17	10
129001-21000	8	1
129001-21100	8	1 -1
129001-32001	9	1
129001-35300	9	18
129001-42002	10	2
129001-42003	10	2 -1
129001-42004	10	2 -2
129001-42040	10	17
129001-59910	13	21
129001-59920	13	25
129001-59930	13	29
129001-91841	2	21 -1
129002-01331	1	22
	17	2
129002-22081	8	17
129002-22500	8	19
129002-22901	8	33
129002-22950	8	35
129052-55620	14	1
129052-61050	12	5
129052-61051	12	5 -1
129052-61060	12	6
129052-61070	12	7
129052-61071	12	7 -1
129052-61390	12	30
129052-61500	12	31
129052-61540	12	46
129052-77951	15	36
129052-77960	15	37
129100-01580	3	1
		15
	8	2
129100-01640	3	16
129100-01730	3	6
129100-01760	3	8
129100-11100	4	17
129100-11110	4	18
129100-11112	4	18 -1
129100-13110	6	4

Parts No. Index

Parts No.	Fig. No.	Ref. No.
129100-23910	8	29
129100-25061	7	10
129100-35301	9	16
129100-42020	10	14
	17	17
129100-49840	10	16
	17	20
129100-51560	11	51 -1
129100-51570	11	50 -1
129100-52200	11	95
129100-55650	14	4
129100-55670	14	6
129100-55680	14	7
129100-55690	14	8
129100-55700	14	9
129100-59951	13	40
129100-61400	12	16
129100-61440	12	76
129100-61650	12	77
129100-77500	5	11
129100-77501	5	11 -1
129100-77510	5	12
	17	16
129115-59510	14	19
129129-14580	7	3
129129-77230	15	8
129129-77240	15	9
129129-77260	15	21
129129-77270	15	22
129129-77290	15	24
129129-77320	15	28
129129-77340	15	30
129129-77350	15	31
129129-77361	15	32
129129-77380	15	34
129129-77400	15	17
129129-77410	15	18
129129-77420	15	19
129129-77430	15	20
129130-13560	6	9
129136-13520	6	10
129136-77101	16	28
129136-77250	16	22
129136-77251	16	22 -1
129150-01200	1	21
129150-02020	1	7
129150-02450	7	4
129150-02870	1	23
129150-02871	1	23 -1
129150-02930	1	18

Parts No.	Fig. No.	Ref. No.
129150-02931	1	18 -1
129150-02940	1	26
129150-02941	1	26 -1
129150-03100	2	11
	4	53
129150-11230	4	38
129150-11280	4	33
129150-11290	4	34
129150-11370	4	24
129150-11750	4	40
129150-11810	4	13
129150-13110	6	5
	17	11
129150-14101	7	7
129150-14200	7	1
129150-14400	7	2
129150-21200	8	5
129150-23600	8	31
129150-23601	8	31 -1
129150-23610	8	39
129150-23611	8	39 -1
129150-25101	7	11
129150-25900	7	16
129150-25920	7	14
129150-32020	9	30
	17	14
129150-35041	9	15
	17	15
129150-35042	9	15 -1
	17	15 -1
129150-35101	9	36
129150-35111	9	17
	17	34
129150-35153	9	33
129150-35350	9	34
129150-39450	9	22
129150-49360	10	33
	17	27
129150-49811	10	28
	17	19
129150-59131	13	52
129150-59580	13	38
129150-77511	5	13
	17	9
129155-11241	4	30
129155-11260	4	31
129155-11270	4	32
129155-42350	10	21 -1
129155-49800	10	27
129155-49801	10	27 -1

Parts No.	Fig. No.	Ref. No.
129155-51020	11	5
129155-51050	11	8
129155-51051	11	8 -1
129155-51060	11	9
129155-51140	11	14
129155-51180	11	16
129155-51200	11	18
129155-51270	11	25
129155-51280	11	26
	12	2
129155-51320	11	30
129155-51340	11	31
129155-51370	11	34
129155-51380	11	35
129155-51390	11	36
129155-51400	11	37
129155-51410	11	38
129155-51420	11	39
129155-51450	11	40
129155-51500	11	45
129155-51521	11	46
129155-51530	11	47
129155-51540	11	48
129155-51550	11	49
129155-51570	11	52
129155-51580	11	53
129155-51591	11	54
129155-51600	11	55
129155-51700	11	74
129155-51701	11	74 -1
129155-51710	11	75
129155-51711	11	75 -1
129155-51750	11	76
129155-51751	11	76 -1
129155-51760	11	77
129155-51761	11	77 -1
129155-51790	11	78
129155-51930	11	80
129155-51940	11	81
129155-52050	11	94
	17	21
129155-52051	11	94 -1
129155-61120	12	8
129155-61130	12	9
129155-61140	12	10
129155-61201	12	11
129155-61202	12	11 -1
129155-61341	12	15
129155-61350	12	81
129155-61360	12	82

Parts No.	Fig. No.	Ref. No.
129155-61430	12	19
129155-61450	12	23
129155-61460	12	24
129155-61470	12	83
129155-61480	12	25
129155-61830	12	56
129155-61950	12	58
129156-51910	11	79
129202-22300	8	23
129209-61370	12	15 A
129209-61930	12	80 -1
129209-61970	12	83 A
129210-59040	14	19 -1
129210-59130	13	39 -1
129211-12540	5	17
129211-12590	5	18
129211-13600	6	11
129211-13610	6	12
129211-21590	8	13
129211-77330	16	25
129211-77920	16	29 -1
129255-59580	13	39
	14	20
129335-55700	14	21
129350-49560	10	25
129400-01520	2	5
129400-92420	17	35
129403-42380	10	21
129407-77010	15	1
129407-77210	15	6
129407-77220	15	7
129407-77250	15	10
129407-77280	15	23
129407-77300	15	25
129407-77310	15	27
129407-77330	15	29
129407-77390	15	14
129407-77410	15	13
129410-03090	4	1
129450-51300	11	27
129486-01670	3	19
129486-42021	10	14 -1
	17	17 -1
129486-42140	10	18 -1
129486-61540	12	46 -1
129503-53000	13	2
129506-51100	11	11
129555-59510	14	19 B
129608-77010	15	1 -1
129608-77110	15	34 C

Parts No. Index

Parts No.	Fig. No.	Ref. No.
129612-01600	3	2 -1
129612-44700	10	22
129612-77260	16	24 -1
129612-77700	16	21 A
129612-77710	16	21 B
129612-77730	16	21 C
129612-77740	16	21 D
129612-77750	16	21 E
129698-77020	15	34 A
129698-77101	15	34 B
129698-77120	15	34 D
129698-77130	15	34 F
129698-77140	15	34 E
129698-77150	15	34 G
129698-77161	15	34 H
129698-77170	15	34 J
129698-77180	15	34 R
129698-77190	15	34 S
129698-77200	15	34 T
129698-77210	15	34 U
129698-77220	15	34 V
129698-77230	15	34 W
129698-77240	15	34 P
129698-77250	15	34 Q
129698-77260	15	34 K
129698-77270	15	34 M
129698-77280	15	34 N
129795-01780	3	18
129795-01800	2	4
129795-01950	2	10
129795-02411	1	10
129795-02412	1	10 -1
129795-11120	4	19
129795-11180	4	20
129795-21661	8	10
129795-49551	10	26
	17	18
129916-49740	10	12 -1
158552-61900	12	67 -1
171051-01921	1	6
171056-49351	10	32
171064-44510	10	39
171081-55910	14	33
171301-01600	3	2
171301-01640	3	9
171340-21650	8	9
171340-44740	10	22 -1
171340-77520	5	14
171353-61550	12	84
171353-61710	12	78

Parts No.	Fig. No.	Ref. No.
171420-34820	9	32
174307-51170	11	15
174307-51560	11	51
174307-51700	12	32
194990-22050	6	1
		13
194990-22060	6	14
22117-040000	12	60
22190-060002	12	61
22190-060003	12	61 -1
22190-080002	2	12
		23
	9	26 B
		27 -2
	17	22
		23 -1
22190-100002	9	28 -1
	12	62
	17	24 -1
22190-120002	12	63
	13	48 -1
	14	18
	17	25 -1
22190-160002	11	91
22190-220002	3	11 -1
	17	34 B
22217-050000	11	82
22217-060000	11	83
22217-120000	7	17
22252-000260	8	24
22287-120000	12	64
22351-040010	8	8
22351-050010	11	84
22351-060012	4	28
22372-040000	12	65
22512-070140	7	8
	8	6
23000-060000	5	8
23065-070225	10	44
23414-080000	9	27
		27 -1
	17	23
23414-100000	9	28
	17	24
23414-120000	13	48
	17	25
23414-120016	12	83 B
23418-060000	14	34
23871-010000	1	11
23871-030000	10	12

Parts No.	Fig. No.	Ref. No.
23876-010000	1	11 -1
23887-100002	12	66
24101-063034	11	85
24311-000120	4	51
	17	28
24311-000160	2	14
	9	35
	14	11
	17	29
24311-000320	2	15
	4	52
	17	30
24311-240100	14	12
		35
24316-000150	11	33 -1
24321-000300	10	18
	17	32
24321-000650	14	13
24341-000160	11	86
24341-000240	2	26
	17	31
24341-000250	3	11
24341-000280	12	67
25132-003900	10	20
26013-080222	5	9 -1
		10 -1
26014-060302	10	24
26014-080352	16	27
26014-080702	14	14
26022-050102	11	87
26022-050122	11	87 -1
26022-060162	11	88
26106-060102	12	68
		69
		70
26106-060122	2	27
26106-060142	12	71
26106-060162	2	27 -1
26106-060202	12	72
26106-080122	2	16
26106-080142	4	6
	7	9
26106-080162	2	17
		24
	3	12
	10	19
26106-080182	5	9
		10
26106-080202	2	18
	5	4

Parts No.	Fig. No.	Ref. No.
26106-080202	9	19
	10	29
26106-080252	3	13
	4	42
26106-080352	3	20
	6	15
	9	20
26106-080402	5	15
26106-080452	2	19
	3	14
		14 -1
	7	15
	16	30 -1
26106-080502	3	22
	4	43
	16	30
26106-080552	2	20
26106-080602	10	15
26106-080802	5	5
		16
	6	6
26106-080852	2	21
26106-100162	6	16 -1
26106-100202	6	16
26116-050302	11	89
26116-120252	15	35
26206-100252	3	4
26206-100302	3	5
26216-060202	4	15
26216-080222	6	2
26216-080652	6	17
26216-080802	6	7
26226-080182	4	41
26306-080002	2	22 -1
	6	1 -1
		13 -1
26306-100002	6	14 -1
26366-060002	4	29
26366-080002	2	22
	12	75
	16	24
26450-060252	9	31
26687-120002	12	80
26716-060002	11	90
26716-120002	7	18
26736-120002	12	72 A
26756-060002	12	73
26776-120002	12	74
		74 -1
27231-500000	1	12

Parts No. Index

Parts No.	Fig. No.	Ref. No.
27241-120000	1	13
27241-300000	1	14
27241-400000	4	16
27310-080001	4	21
719810-01500	2	1
729002-01560	1	1
729002-92630	17	1
729002-92631	17	1 -1
729216-51380	11	1
729402-11650	4	37
729402-23100	8	25
729503-53100	13	1
977770-1207F	2	28
	3	21
	17	36
X0280210230	15	11
X0283060061	15	2
X0283270140	15	12
X0289030010	15	3
X2114535200	15	34 L
X9490561370	15	4
X9491200240	15	5
X9491730461	15	26

Parts No.	Fig. No.	Ref. No.
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Parts No.	Fig. No.	Ref. No.
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Parts No.	Fig. No.	Ref. No.
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