

OCR10-M45101EN

PREFACE

1. This Parts Catalog carries all parts incorporated in YANMAR Model 3TNE68-SA, G1A, G2A & 3TNE68C-SA, G1A.

2. Parts catalog history

	Parts catalog No.	Published	Note
1st edition	000Y00R4510	May., 1995	Disuse old edition
1st revised	000Y00R4511	Jul., 2002	

3. Model name

Column	Model name	Manufactured	E/#
(A)	3TNE68-SA	1995/4~	10548~
(B)	3TNE68-G1A		
(C)	3TNE68-G2A		
(D)	3TNE68C-SA	1996/2~	00312~
(E)	3TNE68C-G1A		

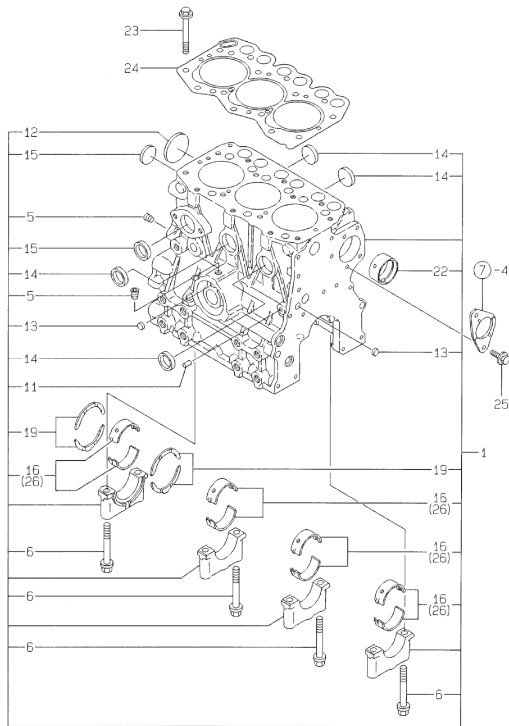
4. Each illustration corresponds to the parts list on the following page.

5. 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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8.	CRANKSHAFT & PISTON		
9.	LUB.OIL SYSTEM		
10.	COOLING WATER SYSTEM		
11.	RADIATOR		
12.	FUEL INJECTION PUMP		
13.	GOVERNOR		
14.	FUEL INJECTION VALVE		
15.	FUEL FILTER		
16.	ENGINE CONTROL DEVICE		
17.	STARTING MOTOR		
18.	GENERATOR		
19.	PANEL		
20.	GASKET SET		
21.	STARTING MOTOR(COLD DISTRICT)		

Fig.1. CYLINDER BLOCK



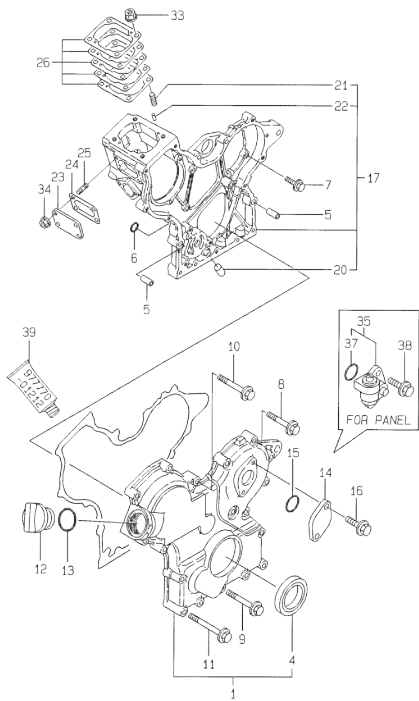
Remarks
(1) UNDER-SIZE(U.S=0.25)PART.

(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719265-01560	BLOCK ASSY, CYLINDER	1	1	1	1	1			
5	2	124060-01050	PLUG, PT1/8	2	2	2	2	2			
6	2	119260-02020	BOLT, METAL CAP	8	8	8	8	8			
11	2	27221-060100	PLUG, 6X10	1	1	1	1	1			
12	2	27231-400000	PLUG 40	1	1	1	1	1			
12-1	2	119265-01250	PLUG, 40	1	1	1	1	1			N
13	2	27241-100000	PLUG, 10	2	2	2	2	2			
14	2	27241-250000	PLUG, 25	4	4	4	4	4			
15	2	27241-300000	PLUG 30	2	2	2	2	2			
16	2	119260-02800	BEARING, MAIN	4	4	4	4	4			
19	2	119260-02930	BEARING, THRUST	2	2	2	2	2			
22	2	119260-02410	BUSH, CAMSHAFT	1	1	1	1	1			
22-1	2	119266-02410	BUSH	1	1	1	1	1			R
23	1	119260-01200	BOLT, HEAD	14	14	14	14	14			
23-1	1	119266-01200	BOLT, HEAD	14	14	14	14	14			N
24	1	119265-01340	GASKET, HEAD	1	1	1	1	1			
24-1	1	119265-01341	GASKET, HEAD	1	1	1	1	1			N
25	1	26106-060122	BOLT, M6X 12 PLATED	2	2	2	2	2			
26	1	719260-02870	BEARING, 0.25 US	4	4	4	4	4			1

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Fig.2. GEAR HOUSING



Remarks
(1) FOR PANEL.
(2) OPTIONAL PART.

OCR10-M45101 Fig.2

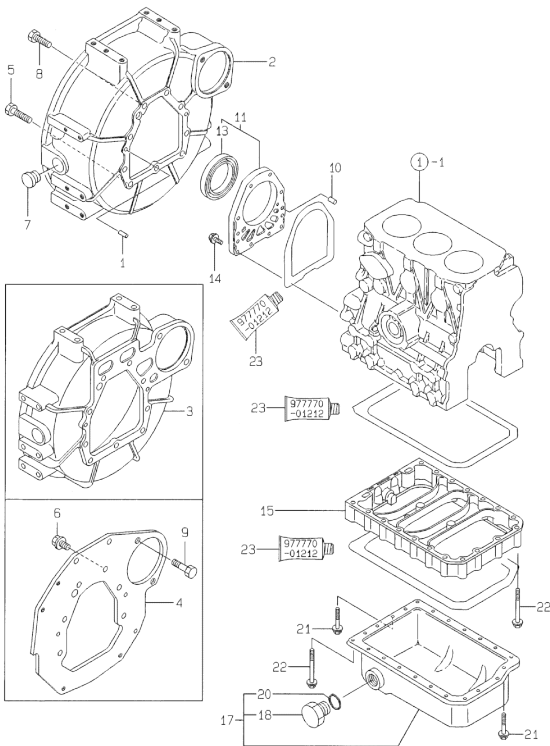
(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-01590	COVER ASSY,GEAR CASE	1	1	1	1	1			
4	2	119620-01800	SEAL, OIL	1	1	1	1	1			
5	1	119660-01911	PIPE, KNOCK	4	4	4	4	4			
6	1	24311-000120	O-RING, 1AP12.0	2	2	2	2	2			
6-1	1	119624-32040	O-RING, P12.0	2	2	2					N
(A=E62542) (B=E62973) (C=E62473)											
7	1	26106-060162	BOLT, M6X 16 PLATED	5	5	5	5	5			
8	1	26106-060302	BOLT, M6X 30 PLATED	5	5	5	5	5			
9	1	26106-060402	BOLT, M6X 40 PLATED	3	3	3	3	3			
10	1	26106-060502	BOLT, M6X 50 PLATED	4	4	4	4	4			
11	1	26106-060652	BOLT, M6X 65 PLATED	6	6	6	6	6			
12	1	124160-01751	COVER, FILLER	1	1	1	1	1			
13	1	24311-000320	O-RING, 1AP32.0	1	1	1	1	1			
14	1	121023-01550	COVER	1	1	1	1	1			
15	1	24341-000240	O-RING, 1AS24.0	1	1	1	1	1			
16	1	26106-060182	BOLT, M6X 18 PLATED	2	2	2	2	2			
16-1	1	26106-060162	BOLT, M6X 16 PLATED	2	2	2	2	2			N
(A=E62542) (B=E62973) (C=E62473) (D=E62542) (E=E62973)											
17	1	119260-01490	CASE ASSY, GEAR	1	1	1	1	1			
20	2	119260-01510	PLUG	1	1	1	1	1			
21	2	121450-01560	STUD, M8X22	4	4	4	4	4			
22	2	22351-040010	PIN, SPRING 4.0X10	2	2	2	2	2			
23	1	119660-01551	COVER	1	1	1	1	1			
24	1	119660-01562	GASKET	1	1	1	1	1			
25	1	119660-01570	STUD, M6X12	4	4	4	4	4			
26	1	119623-01950	SHIM SET, ADJUSTING	1	1	1	1	1			
33	1	194990-22050	NUT, M8	4	4	4	4	4			
34	1	26366-060002	NUT, M6	4	4	4	4	4			
35	1	129150-91400	GEAR	1	1	1	1	1			1
37	2	24341-000240	O-RING, 1AS24.0	1	1	1	1	1			1
38	1	26106-060162	BOLT, M6X 16 PLATED	2	2	2	2	2			1
39	1	977770-01212	GASKET, LIQUID	1	1	1	1	1			W 2
(A=E62542) (B=E62973) (C=E62473) (D=E62542) (E=E62973)											

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.3. FLYWHEEL HOUSING & OIL SUMP



Remarks
(1) OPTIONAL PART.

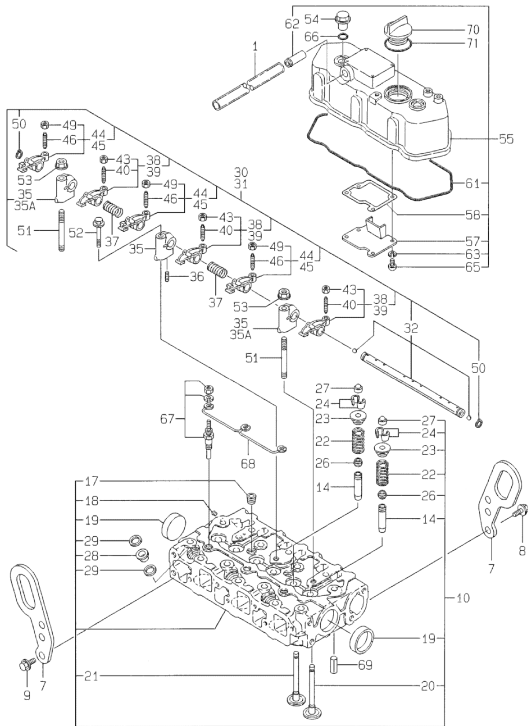
OCR10-M45101 Fig.3

(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(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			
2	1	119280-01600	FLANGE, MOUNTING	1	1	1	1	1			
3	1	119600-01600	HOUSING, FLYWHEEL	1		1	1				
4	1	119621-01611	FLANGE, MOUNTING	1		1	1				
5	1	121120-01620	BOLT, M10X28	3	3	3	3	3			
6	1	26116-100202	BOLT, M10X 20 PLATED	8		8	8				
7	1	119620-01750	CAP	1	1	1	1	1			
8	1	26206-100252	BOLT, M10X 25 PLATED	6	6	6	6	6			
9	1	119620-01621	STUD	2		2	2				
10	1	119620-01620	PIN, M6X10	2	2	2	2	2			
11	1	119660-01640	CASE ASSY, OIL SEAL	1	1	1	1	1			
13	2	124085-02220	SEAL, OIL	1	1	1	1	1			
14	1	26106-060222	BOLT, M6X 22 PLATED	10	10	10	10	10			
15	1	119454-01721	SPACER, OIL SUMP	1	1	1	1	1			
17	1	119260-01770	SUMP ASSY, OIL	1	1	1	1	1			
18	2	121400-01640	PLUG, 16	1	1	1	1	1			
20	2	24311-000180	O-RING, 1AP18.0	1	1	1	1	1			
21	1	26106-060102	BOLT, M6X 10 PLATED	3	3	3	3	3			
22	1	26106-060452	BOLT, M6X 45 PLATED	20	20	20	20	20			
23	1	977770-01212	GASKET, LIQUID	1	1	1	1	1			
(A=E)XXX (B=E)XXX (C=E)XXX (D=E)XXX (E=E)XXX										W	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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Fig.4. CYLINDER HEAD & BONNET



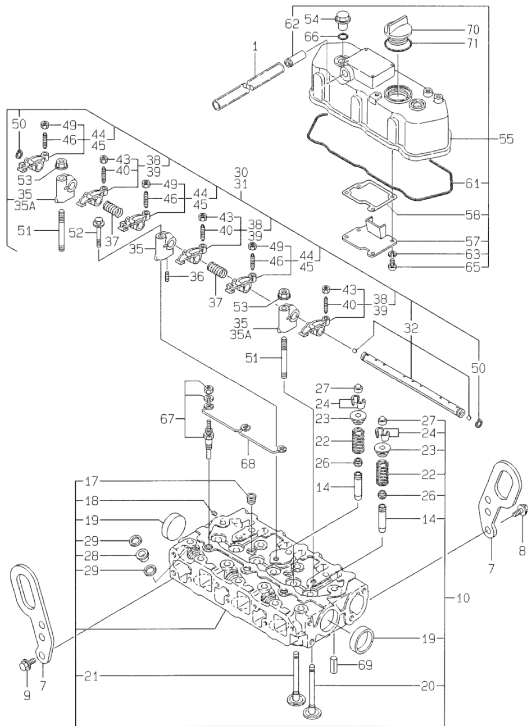
Remarks
(1) REPAIR PART.

(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	23065-120500	PIPE, 12X 500	1	1	1	1	1			
7	1	119260-07900	LIFTER	2	2	2	2	2			
8	1	26106-080142	BOLT, M8X 14 PLATED	1	1	1	1	1			
9	1	26106-080142	BOLT, M8X 14 PLATED	2	2	2	2	2			
10	1	119265-11700	HEAD ASSY, CYLINDER	1	1	1	1	1			
14	2	119260-11800	GUIDE, VALVE	6	6	6	6	6			1
17	2	23871-020000	PLUG, R02	2	2	2	2	2			
17-1	2	23871-030000	PLUG, R03	2	2	2	2	2			S
(A=E15864) (B=E15735) (C=E23781) (D=E15864) (E=E15735)											
17-2	2	23876-030000	PLUG, R03	2	2	2	2	2			N
(A=E15864) (B=E15735) (C=E23781) (D=E15864) (E=E15735)											
18	2	27221-050080	PLUG, 5X 8	1	1	1	1	1			
19	2	27241-350000	PLUG, 35	2	2	2	2	2			
20	2	119260-11100	VALVE, INTAKE	3	3	3	3	3			
21	2	119260-11110	VALVE, EXHAUST	3	3	3	3	3			
22	2	114250-11120	SPRING, VALVE	6	6	6	6	6			
23	2	114250-11180	RETAINER, SPRING	6	6	6	6	6			
24	2	714250-11570	COTTER ASSY	6	6	6	6	6			
26	2	119260-11340	SEAL, VALVE STEM	6	6	6	6	6			
27	2	119260-11370	CAP, VALVE	6	6	6	6	6			
28	2	119600-11450	PROTECTOR, NOZZLE	3	3	3	3	3			
29	2	119600-11460	GASKET, NOZZLE	6	6	6	6	6			
30	1	119260-11200	SUPPORT ASSY, ARM	1	1	1	1				
31	1	119489-11200	SUPPORT ASSY, ARM		1			1			
32	2	119260-11240	SHAFT ASSY, ROCKER	1	1	1	1	1			
35	2	119260-11260	SUPPORT, ROCKER ARM	3	3	3					
35-1	2	119260-11260	SUPPORT, ROCKER ARM	1	1	1	1	1			K
(A=E15864) (B=E15735) (C=E23781) (D=E15864) (E=E15735)											
35A	2	119265-11260	SUPPORT, ROCKER ARM	2	2	2	2	2			W
(A=E15864) (B=E15735) (C=E23781) (D=E15864) (E=E15735)											
36	2	119260-11270	SCREW	1	1	1	1	1			
37	2	119260-11280	SPRING	2	2	2	2	2			
38	2	719260-11650	ARM ASSY, ROCKER	3		3	3				
39	2	719489-11650	ARM ASSY, ROCKER		3			3			
40	3	105010-11230	SCREW, VALVE ADJUST	3	3	3	3	3			
43	3	26756-060002	NUT, LOCK M6	3	3	3	3	3			
44	2	719260-11660	ARM ASSY, ROCKER	3		3	3				
45	2	719489-11660	ARM ASSY, ROCKER		3			3			
46	3	105010-11230	SCREW, VALVE ADJUST	3	3	3	3	3			
49	3	26756-060002	NUT, LOCK M6	3	3	3	3	3			
50	2	22242-000100	RING, 10	2	2	2	2	2			
51	1	119620-11350	STUD	2	2	2	2	2			
52	1	26106-080452	BOLT, M8X 45 PLATED	1	1	1	1	1			
53	1	26366-080002	NUT, M8	2	2	2	2	2			
53-1	1	26306-080002	NUT, M8	2	2	2	2	2			N
(A=E15864) (B=E15735) (C=E23781) (D=E15864) (E=E15735)											
54	1	124160-11360	KNOB	2	2	2	2	2			
55	1	119260-11330	BONNET ASSY, HEAD	1	1	1	1	1			
57	2	119260-03020	PLATE, SHELTER	1	1	1	1	1			
58	2	119260-03031	GASKET	1	1	1	1	1			
61	2	119260-11310	GASKET, BONNET	1	1	1	1	1			

N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Fig.4. CYLINDER HEAD & BONNET



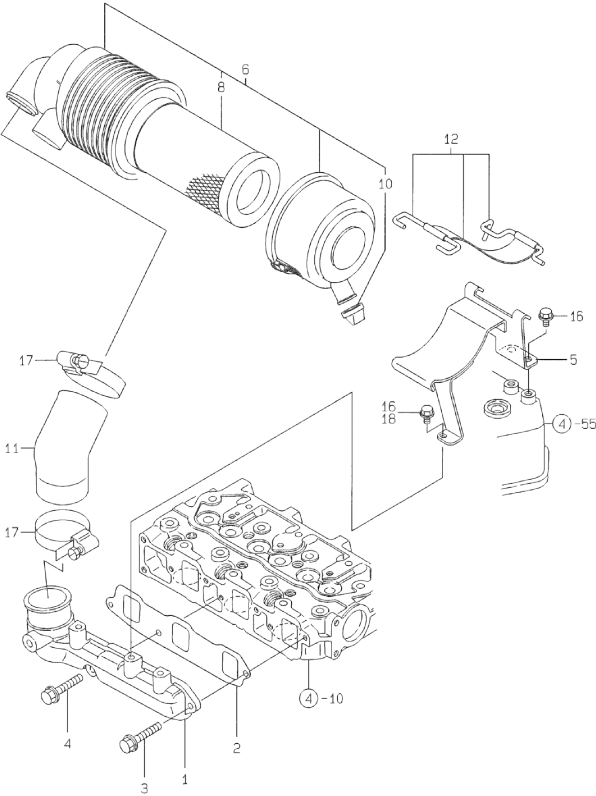
Remarks
(1) REPAIR PART.

(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
62	2	119620-11390	JOINT	1	1	1	1	1			
62-1	2	118400-03060	JOINT, BREATHER	1	1	1	1	1		R	
		(A=E43090) (B=E43760) (C=E43089) (D=E00999) (E=E01001)									
63	2	22217-050000	WASHER, SPRING 5	4	4	4	4	4		Z	
		(A=E33947) (B=E36957) (C=E33946) (D=E00605) (E=E00590)									
65	2	26557-050102	SCREW, M5X10	4	4	4	4	4			
65-1	2	22857-500100	SCREW, 5X10	4	4	4	4	4		R	
		(A=E33947) (B=E36957) (C=E33946) (D=E00605) (E=E00590)									
66	1	24311-000120	O-RING, 1AP12.0	2	2	2	2	2			
67	1	129795-77800	PLUG, GLOW	3	3	3	3	3			
68	1	119620-77820	CONNECTOR, GLOW PLUG	1	1	1	1	1			
69	1	22351-060012	PIN, SPRING 6.0X12	2	2	2	2	2			
70	1	124160-01751	COVER, FILLER	1	1	1	1	1			
71	1	24311-000320	O-RING, 1AP32.0	1	1	1	1	1			

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{YES}{NO}$ New, R:Old $\frac{YES}{NO}$ New, S:Old $\frac{YES}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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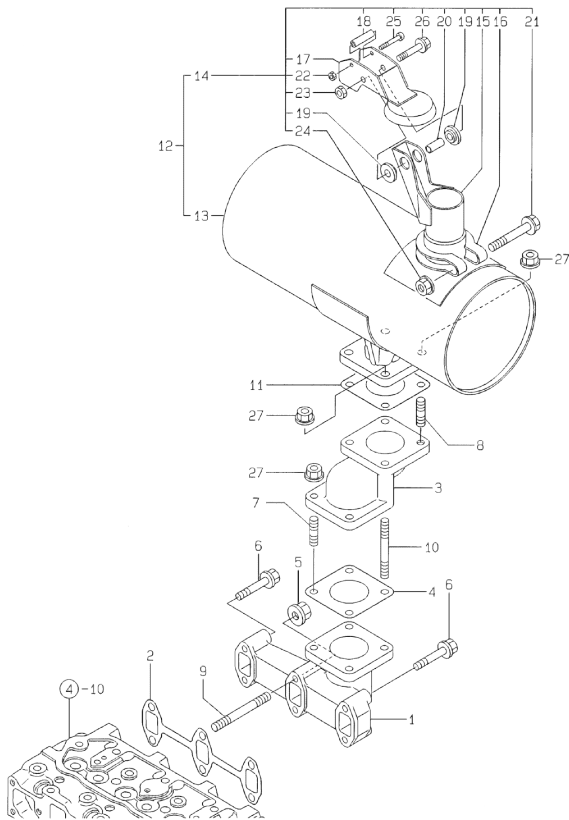
Fig.5. SUCTION MANIFOLD & AIR CLEANER



(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119270-12100	MANIFOLD, AIR INTAKE	1	1	1	1	1			
2	1	119270-12110	GASKET, MANIFOLD	1	1	1	1	1			
3	1	26106-060162	BOLT, M6X 16 PLATED	2	2	2	2	2			
4	1	26106-060282	BOLT, M6X 28 PLATED	1	1	1	1	1			
5	1	119489-12600	SUPPORT, AIR CLEANER	1	1	1	1	1			
6	1	119653-12500	CLEANER ASSY, AIR	1	1	1	1	1			
8	2	119655-12560	ELEMENT	1	1	1	1	1			
10	2	119808-12540	VALVE, UNLOADER	1	1	1	1	1			
11	1	119462-12550	PIPE, AIR INTAKE	1	1	1	1	1			
12	1	119865-12600	BAND ASSY, CLEANER	1	1	1	1	1			
16	1	26106-080122	BOLT, M8X 12 PLATED	3	3	3					
16-1	1	26106-080122	BOLT, M8X 12 PLATED	2	2	2	2	2			K
(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST)											
17	1	23000-054000	CLAMP, 54	2	2	2	2	2			W
(A=EXXX) (B=EXXX) (C=EXXX)											
18	1	26106-060122	BOLT, M6X 12 PLATED	1	1	1	1	1			W
(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST)											

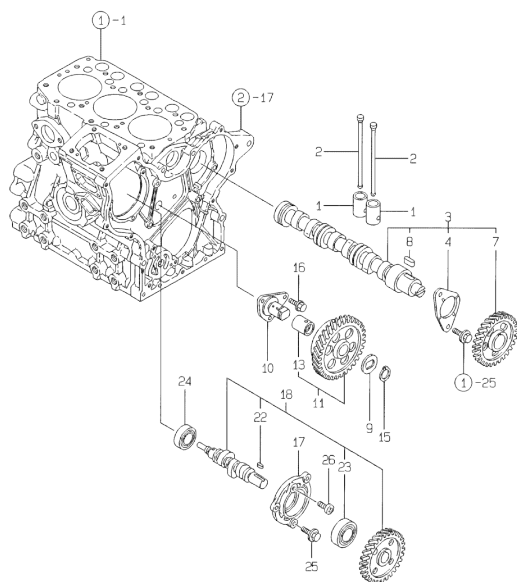
Fig.6. EXHAUST MANIFOLD & SILENCER



(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119253-13100	MANIFOLD, EXHAUST	1	1	1	1	1			
2	1	119260-13110	GASKET	1	1	1	1	1			
3	1	119840-13150	PIPE	1	1	1	1	1			
4	1	121000-13201	GASKET, SILENCER	1	1	1	1	1			
5	1	26366-060002	NUT, M6	2	2	2	2	2			
6	1	26106-060402	BOLT, M6X 40 PLATED	4	4	4	4	4			
7	1	26216-080222	STUD, M8X 22	2	2	2	2	2			
7-1	1	26216-080282	STUD, M8X 28	2	2	2	2	2			N
(A=E44377) (B=E44756) (C=E44758) (D=E63367) (E=E01085)											
8	1	26216-080222	STUD, M8X 22	2	2	2	2	2			
8-1	1	119131-18320	STUD, M8X22	2	2	2	2	2			N
(A=E38118) (B=E38573) (C=E38217) (D=E00792) (E=E00822)											
9	1	26216-060402	STUD, M6X 40	2	2	2	2	2			
10	1	26216-080702	STUD, M8X 70	2	2	2	2	2			
10-1	1	119823-13600	STUD, M8X70	2	2	2	2	2			N
(A=E41025) (B=E39656) (C=E39657) (D=E00804) (E=E00822)											
11	1	121000-13201	GASKET, SILENCER	1	1	1	1	1			
12	1	119620-13501	SILENCER	1	1	1	1	1			
13	2	119620-13510	SILENCER ASSY	1	1	1	1	1			
14	2	119620-13520	PIPE ASSY, TAIL	1	1	1	1	1			
15	3	119620-13560	PIPE, TAIL	1	1	1	1	1			
16	3	124664-13580	CLAMP	1	1	1	1	1			
17	3	119358-13640	CAP, RAIN	1	1	1	1	1			
18	3	121855-13821	SPACER, A	1	1	1	1	1			
19	3	121855-13830	SPACER, B	2	2	2	2	2			
20	3	123500-13840	SPACER, C	1	1	1	1	1			
21	3	26106-080552	BOLT, M8X 55 PLATED	1	1	1	1	1			
22	3	26347-040002	NUT, M4	1	1	1	1	1			
23	3	26347-060002	NUT, M6	1	1	1	1	1			
24	3	26366-080002	NUT, M8	1	1	1	1	1			
24-1	3	26306-080002	NUT, M8	1	1	1	1	1			N
(A=E0000) (B=E0000) (C=E0000) (D=E0000) (E=E0000)											
25	3	26557-040352	SCREW, M4X35	1	1	1	1	1			
26	3	26106-060402	BOLT, M6X 40 PLATED	1	1	1	1	1			
27	1	194990-22050	NUT, M8	6	6	6	6	6			
27-1	1	26306-080002	NUT, M8	6	6	6	6	6			N
(A=E0000) (B=E0000) (C=E0000) (D=E0000) (E=E0000)											

Fig.7. CAMSHAFT & DRIVING GEAR



Remarks
(1) REPAIR PART.

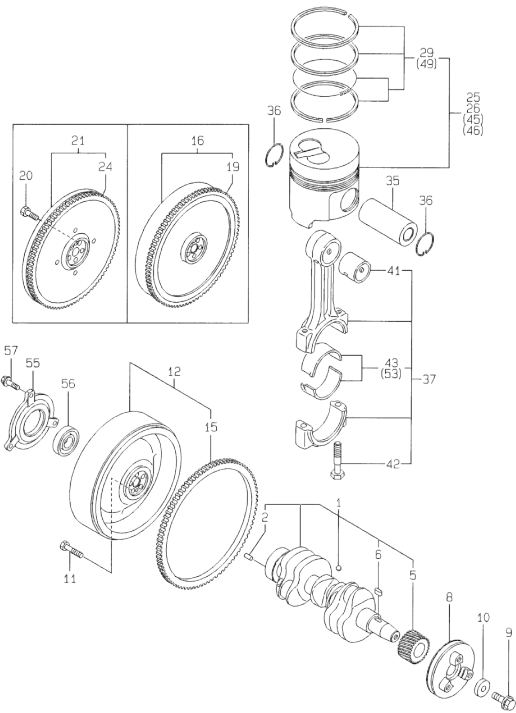
(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A

(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119260-14200	TAPPET	6	6	6	6	6			
2	1	119260-14400	ROD, PUSH	6	6	6	6	6			
3	1	119260-14580	CAMSHAFT ASSY	1	1	1	1	1			
4	2	119620-02450	BEARING, THRUST	1	1	1	1	1			
7	2	119260-14100	GEAR, CAMSHAFT	1	1	1	1	1			
8	2	22512-040120	KEY, 4X 12	1	1	1	1	1			
9	1	119660-25022	RETAINER	1	1	1	1	1			
10	1	119660-25052	SHAFT, IDLE	1	1	1	1	1			
11	1	119260-25100	GEAR ASSY, IDLE	1	1	1	1	1			
13	2	119620-25912	BUSH	1	1	1	1	1			1
15	1	22242-000200	RING, 20	1	1	1	1	1			
16	1	26106-060122	BOLT, M6X 12 PLATED	3	3	3	3	3			
17	1	119660-01821	BEARING, FUEL CAM	1	1	1	1	1			
18	1	119225-14200	CAM ASSY	1	1	1	1	1			
22	2	22512-040120	KEY, 4X 12	1	1	1	1	1			
23	2	24102-063034	BEARING, BALL 6303U	1	1	1	1	1			
24	1	24101-062034	BEARING, BALL 6203	1	1	1	1	1			
25	1	26106-060162	BOLT, M6X 16 PLATED	3	3	3	3	3			
26	1	26587-080102	SCREW, M8X10	1	1	1	1	1			

N:Old $\frac{\text{Yes}}{\text{No}}$ New. Q:Old $\frac{\text{No}}{\text{Yes}}$ New. R:Old $\frac{\text{Yes}}{\text{Yes}}$ New. S:Old $\frac{\text{No}}{\text{No}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

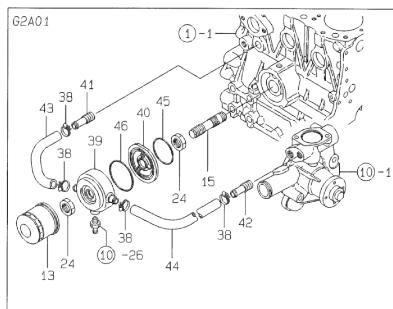
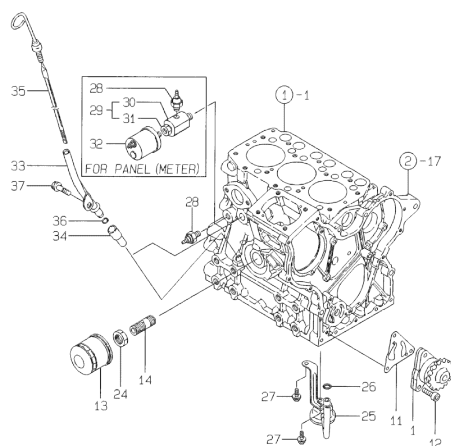
Fig.8. CRANKSHAFT & PISTON



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

(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119265-21700	CRANKSHAFT ASSY	1	1	1	1	1			
2	2	129100-01580	PIN, M8X16	1	1	1	1	1			
5	2	119260-21200	GEAR, CRANKSHAFT	1	1	1	1	1			
6	2	22512-040120	KEY, 4X 12	1	1	1	1	1			
8	1	119260-21650	V-PULLEY	1	1	1	1	1			
9	1	119621-21680	BOLT, FLANGE 12X1.25	1	1	1	1	1			
10	1	119620-21941	WASHER	1	1	1	1	1			
11	1	121111-21501	BOLT, FLYWHEEL	5	5	5	5	5			
12	1	119688-21590	FLYWHEEL ASSY	1	1	1	1	1			
15	2	119865-21600	GEAR, RING	1	1	1	1	1			
16	1	119600-21580	FLYWHEEL ASSY	1	1	1	1	1			
19	2	119865-21600	GEAR, RING	1	1	1	1	1			
20	1	119620-21500	BOLT, FLYWHEEL	5	5	5	5	5			
21	1	119620-21591	FLYWHEEL ASSY	1	1	1	1	1			
24	2	124060-21600	GEAR, RING	1	1	1	1	1			
25	1	119265-22601	PISTON ASSY	3	3	3	3	3			
26	1	119265-22090	PISTON ASSY			3					
29	2	119265-22500	RING SET, PISTON	3	3	3	3	3			
35	1	119265-22300	PIN, PISTON	3	3	3	3	3			
36	1	22252-000200	RING, 20	6	6	6	6	6			
37	1	119265-23100	ROD ASSY, CONNECTING	3	3	3	3	3			
41	2	119260-23910	BEARING, PISTON PIN	3	3	3	3	3			1
42	2	119265-23200	BOLT, CONNECTING ROD	6	6	6	6	6			
43	2	719260-23600	BEARING, CRANK PIN	3	3	3	3	3			
45	1	119265-22930	PISTON ASSY, 0.25 OS	3	3	3	3	3			2
46	1	119265-22900	PISTON ASSY, 0.25 OS			3					2
49	2	119265-22950	RING SET, 0.25 OS	3	3	3	3	3			2
53	1	719260-23610	BEARING ASSY, 0.25	3	3	3	3	3			3
55	1	119888-21450	RETAINER, BEARING	1			1				W
(A=FROM 1ST)											
56	1	24104-062054	BEARING, BALL 6205UU	1			1				
57	1	26106-080222	BOLT, M8X 22 PLATED	3			3				W
(A=FROM 1ST)											



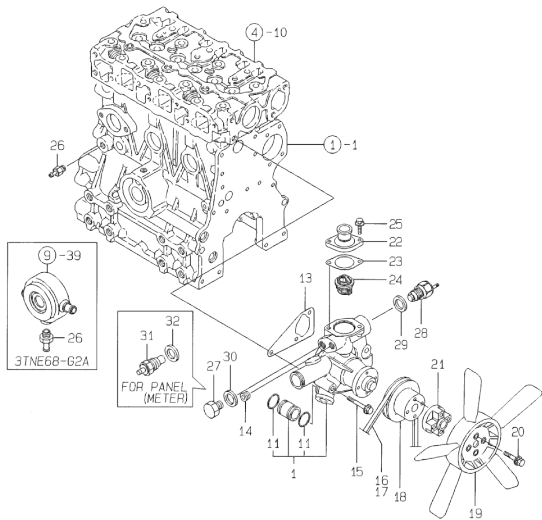
Remarks
(1) FOR PANEL(METER).

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119260-32000	PUMP ASSY, OIL	1	1	1	1	1			
11	1	119660-32020	GASKET, PUMP	1	1	1	1	1			
12	1	26450-060202	BOLT, M6X 20	3	3	3	3	3			
13	1	119305-35150	FILTER, OIL	1	1	1	1	1			
14	1	119225-35300	VALVE ASSY,OIL PRESS	1	1		1	1			
15	1	119265-35300	VALVE ASSY, CONTROL			1					
24	1	129150-35350	NUT	1	1	2	1	1			
25	1	119260-35081	PIPE, OIL INLET	1	1	1	1	1			
26	1	24311-000120	O-RING, 1AP12.0	1	1	1					
26-1	1	24311-000110	O-RING, 1AP11.0	1	1	1	1	1			R
		(A=E00XX) (B=E00XX) (C=E00XX)									
26-2	1	119209-35030	O-RING, P11	1	1	1	1	1			R
		(A=E31086) (B=E33561) (C=E31085) (D=E00605) (E=E00590)									
27	1	26106-060122	BOLT, M6X 12 PLATED	2	2	2	2	2			
28	1	124160-39450	SWITCH, 0.5KG	1	1	1	1	1			
29	1	171375-39600	DAMPER ASSY	1	1	1	1	1			1
29-1	1	171375-39601	DAMPER, 1/8	1	1	1	1	1			R 1
		(A=E21604) (B=E28743) (C=E23781) (D=E00493) (E=E00489)									
30	2	129470-39610	DAMPER	1	1	1	1	1			Z 1
		(A=E21604) (B=E28743) (C=E23781) (D=E00493) (E=E00489)									
31	2	23161-020100	BUSH, R1/4X1/8	1	1	1	1	1			Z 1
		(A=E21604) (B=E28743) (C=E23781) (D=E00493) (E=E00489)									
32	1	144626-91560	SENSOR	1	1	1	1	1			1
33	1	119225-34810	GUIDE, DIPSTICK	1	1	1	1	1			
34	1	119260-34810	GUIDE, DIPSTICK	1	1	1	1	1			
35	1	119620-34822	DIPSTICK, OIL	1	1	1					
35-1	1	119285-34821	DIPSTICK, LUB. OIL	1	1	1	1	1			N
		(A=E15864) (B=E15735) (C=E23781)									
36	1	24311-240100	O-RING, 1AP10A	1	1	1	1	1			
37	1	26106-060102	BOLT, M6X 10 PLATED	1	1	1	1	1			
38	1	171008-03990	CLIP, HOSE 18.5			4					
39	1	119642-33030	COOLER, OIL			1					
40	1	119642-33100	BRACKET, COOLER			1					
41	1	129122-44480	JOINT			1					
42	1	129122-44480	JOINT			1					
43	1	119642-49030	PIPE, WATER			1					
44	1	129403-49050	PIPE, WATER			1					
45	1	24321-000600	O-RING, 1AG60.0			1					
46	1	24321-000700	O-RING, 1AG70.0			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:Qty Change.

OCR10-M45101

Fig.10. COOLING WATER SYSTEM



OCR10-M45101 Fig.10

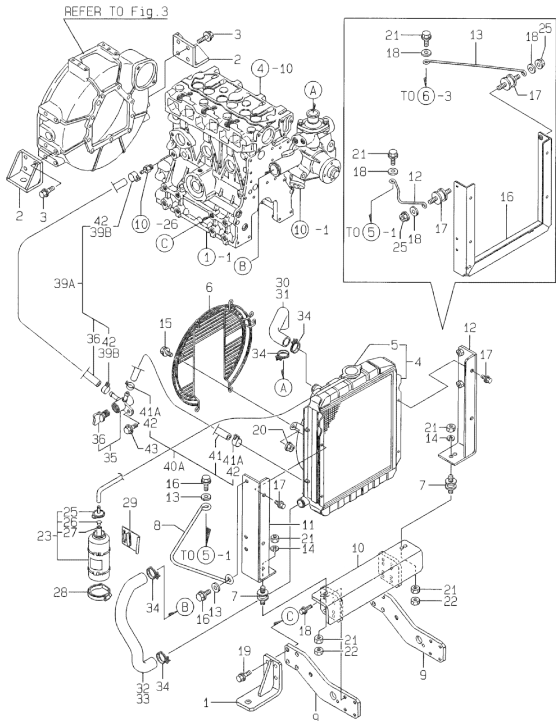
(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119265-42002	PUMP ASSY, WATER	1	1	1	1	1			
11	2	24311-000210	O-RING, 1AP21.0	2	2	2	2	2			
13	1	119260-42020	GASKET, WATER PUMP	1	1	1	1	1			
14	1	171056-49120	PLUG, DRAIN	1	1			1	1		
15	1	26106-080452	BOLT, M8X 45 PLATED	3	3	3	3	3	3		
16	1	104514-42780	V-BELT, HM33	1	1			1	1		
17	1	119256-42290	V-BELT, FM33.5					1			
17-1	1	104514-42780	V-BELT, HM33 (C=E23781)			1					N
18	1	119620-42350	V-PULLEY	1	1	1	1	1	1		
19	1	124700-44740	FAN, COOLING 5X310	1	1	1	1	1	1		
20	1	26014-060352	BOLT, M6X 35	4	4	4	4	4	4		
21	1	121267-44760	SPACER	1	1	1	1	1	1		
22	1	129350-49530	COVER, THERMOSTAT	1	1	1	1	1	1		
23	1	129350-49541	GASKET	1	1	1	1	1	1		
24	1	129350-49800	THERMOSTAT, 71	1	1	1	1	1	1		
25	1	26106-080202	BOLT, M8X 20 PLATED	2	2	2	2	2	2		
26	1	121550-49111	JOINT, PT1/4	1	1	1	1	1	1		
27	1	121450-42450	PLUG, M16	1	1	1	1	1	1		
28	1	121250-44901	SWITCH, 110	1	1	1	1	1	1		
29	1	124465-44950	GASKET, 16	1	1	1	1	1	1		
30	1	124465-44950	GASKET, 16	1	1	1	1	1	1		
31	1	124250-49351	SENSOR	1	1	1	1	1	1		1
32	1	129150-49360	GASKET	1	1	1	1	1	1		1

Remarks
(1) FOR PANEL(METER).

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.11. RADIATOR

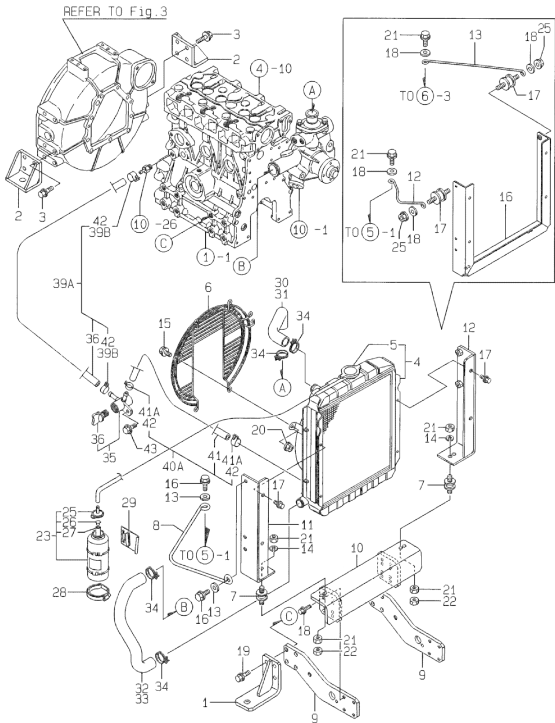


Remarks
(1) LOOSE PART.

(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119288-08100	FOOT	2	2		2	2			
2	1	119888-08110	FOOT	2	2		2	2			
3	1	26106-100202	BOLT, M10X 20 PLATED	8	8		8	8			
4	1	119621-44500	RADIATOR	1	1	1	1	1	1		
5	2	119259-44570	CAP, RADIATOR	1	1	1	1	1	1		
5A	2	X2411365340	SHROUD	1	1	1	1	1	1		W
(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST) (D=FROM 1ST) (E=FROM 1ST)				1	1	1	1	1	1		W
5B	2	129132-44530	HOSE, RUBBER	1	1	1	1	1	1		W
(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST) (D=FROM 1ST) (E=FROM 1ST)				1	1	1	1	1	1		W
5C	2	121250-44590	CLAMP	2	2	2	2	2	2		W
(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST) (D=FROM 1ST) (E=FROM 1ST)				2	2	2	2	2	2		W
5D	2	26014-080162	BOLT, M8X 16	4	4	4	4	4	4		W
(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST) (D=FROM 1ST) (E=FROM 1ST)				4	4	4	4	4	4		W
6	1	119621-44560	GUARD	1	1	1	1	1	1		
7	1	121400-44650	ABSORBER	2	2		2	2	2		
8	1	119265-44940	RETAINER	1	1		1	1	1		
8-1	1	119265-44941	RETAINER	1	1		1	1	1		N
(A=E43439) (B=E43760) (D=E01000) (E=E01001)				1	1		1	1	1		N
9	1	119688-44950	BRACKET	2	2		2	2	2		
10	1	119688-44961	BRACKET, RADIATOR	1	1		1	1	1		
11	1	119688-44971	SUPPORT, RADIATOR	1	1		1	1	1		
11-1	1	119688-44972	SUPPORT, RADIATOR	1	1		1	1	1		N
(A=E43439) (B=E43760) (D=E01000) (E=E01001)				1	1		1	1	1		N
12	1	119688-44981	SUPPORT, RADIATOR	1	1		1	1	1		Z
(A=E43439) (B=E43760) (D=E01000) (E=E01001)				1	1		1	1	1		Z
13	1	22137-080000	WASHER, 8	2	2		2	2	2		
13-1	1	22137-080000	WASHER, 8	4	4		4	4	4		K
(A=E43439) (B=E43760) (D=E01000) (E=E01001)				4	4		4	4	4		K
14	1	22217-100000	WASHER, SPRING 10	2	2		2	2	2		
15	1	26106-080122	BOLT, M8X 12 PLATED	6	6	6	6	6	6		
16	1	26106-080162	BOLT, M8X 16 PLATED	2	2		2	2	2		
17	1	26106-080202	BOLT, M8X 20 PLATED	4	4		4	4	4		
18	1	26106-080252	BOLT, M8X 25 PLATED	8	8		8	8	8		
19	1	26116-100302	BOLT, M10X 30 PLATED	8	8		8	8	8		
20	1	26366-080002	NUT, M8	6	6	6	6	6	6		
20-1	1	26306-080002	NUT, M8	6	6	6	6	6	6		N
(A=E43439) (B=E43760) (D=E01000) (E=E01001)				6	6	6	6	6	6		N
21	1	26716-100002	NUT, M10	4	4		4	4	4		
22	1	26756-100002	NUT, LOCK M10	2	2		2	2	2		
23	1	124450-44510	TANK ASSY, SUB	1	1	1	1	1	1		
25	2	124450-44530	CAP	1	1	1	1	1	1		
26	2	124450-44560	RETAINER	1	1	1	1	1	1		
27	2	23061-070230	PIPE, 7X 230	1	1	1	1	1	1		
28	1	124450-44550	BAND	1	1	1	1	1	1		
29	1	121256-44600	BRACKET, SUB TANK	1	1	1	1	1	1		
30	1	119688-49010	PIPE, WATER	1	1	1	1	1	1		1
31	1	119288-49010	PIPE, WATER	1	1		1	1	1		
32	1	119645-49020	PIPE, WATER	1	1	1	1	1	1		1
33	1	119280-49020	PIPE, WATER	1	1		1	1	1		
34	1	23010-038000	CLAMP, 38	4	4	4	4	4	4		
35	1	129150-49100	COCK ASSY, 3-WAY	1	1	1	1	1	1		

Fig.11. RADIATOR

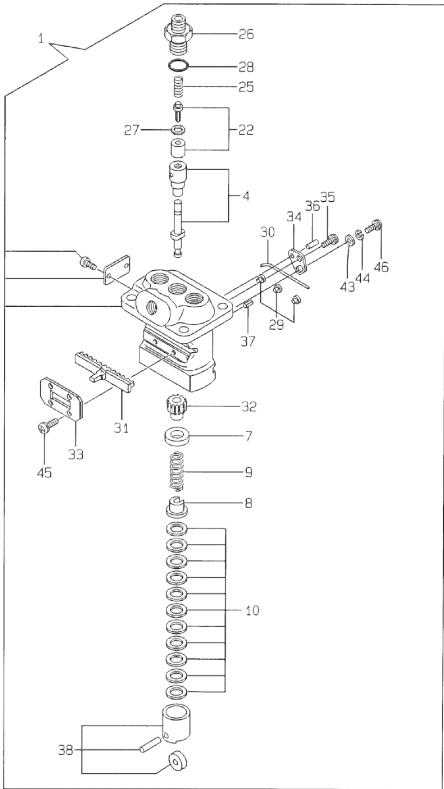


Remarks
(1) LOOSE PART.

(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
36	2	129150-49080	COCK, DRAIN	1	1	1	1	1			
39A	1	129210-49250	PIPE ASSY, DRAIN	1	1		1	1		W	
		(A=E0000) (B=E0000) (D=E0000) (E=E0000)									
39B	2	124766-59050	CLIP, HOSE 12	2	2		2	2		W	
		(A=E0000) (B=E0000) (D=E0000) (E=E0000)									
40	2	121750-49150	PIPE, WATER DRAIN	1	1		1	1			
40A	1	129210-49110	PIPE ASSY, DRAIN	1	1		1	1		W	
		(A=E0000) (B=E0000) (D=E0000) (E=E0000)									
41	2	121023-49150	PIPE, DRAIN L=165	1	1		1	1			
41A	2	124766-59050	CLIP, HOSE 12	2	2		2	2		W	
		(A=E0000) (B=E0000) (D=E0000) (E=E0000)									
42	1	124766-59050	CLIP, HOSE 12	4	4		4	4		Z	
		(A=E0000) (B=E0000) (D=E0000) (E=E0000)									
43	1	26106-080162	BOLT, M8X 16 PLATED	1	1		1	1			
44	1	119265-44950	RETAINER	1	1		1	1		W	
		(A=E43436) (B=E43760) (D=E01000) (E=E01001)									
45	1	26366-060002	NUT, M6	2	2		2	2		W	
		(A=E43436) (B=E43760) (D=E01000) (E=E01001)									
46	1	127694-91050	ABSORBER, SHOCK	2	2		2	2		W	
		(A=E43436) (B=E43760) (D=E01000) (E=E01001)									

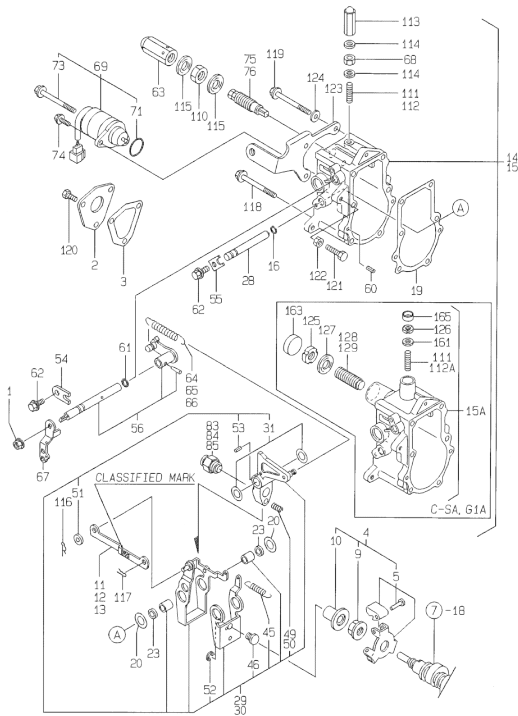
Fig.12. FUEL INJECTION PUMP



(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719225-51100	PUMP ASSY, INJECTION	1	1	1	1	1			
4	2	119225-51100	PLUNGER ASSY	3	3	3	3	3			
7	2	119620-51170	RETAINER, SPRING A	3	3	3	3	3			
8	2	119620-51180	RETAINER, SPRING B	3	3	3	3	3			
9	2	119620-51190	SPRING, PLUNGER	3	3	3	3	3			
10	2	119620-51250	SHIM SET	3	3	3	3	3			
22	2	119225-51300	VALVE ASSY, DELIVERY	3	3	3	3	3			
25	2	105546-51330	SPRING, DELIVERY	3	3	3	3	3			
26	2	119620-51340	HOLDER, DELIVERY	3	3	3	3	3			
27	2	119620-51350	GASKET	3	3	3	3	3			
28	2	119620-51370	O-RING	3	3	3	3	3			
29	2	119620-51450	PIECE	3	3	3	3	3			
30	2	119620-51461	PIN	1	1	1	1	1			
31	2	119660-51500	RACK, CONTROL	1	1	1	1	1			
32	2	119620-51510	PINION	3	3	3	3	3			
33	2	119660-51530	RETAINER, RACK	1	1	1	1	1			
34	2	119620-51650	PLATE	2	2	2	2	2			
35	2	119620-51660	SCREW	2	2	2	2	2			
36	2	119620-51670	PIN	2	2	2	2	2			
37	2	119620-51680	PIN	1	1	1	1	1			
38	2	119620-51700	TAPPET ASSY	3	3	3	3	3			
43	2	22137-040000	WASHER, 4	2	2	2	2	2			
44	2	22217-040000	WASHER, SPRING 4	2	2	2	2	2			
45	2	26022-040082	SCREW, M4X 8	4	4	4	4	4			
46	2	26587-040102	SCREW, M4X10	2	2	2	2	2			

Fig.13. GOVERNOR



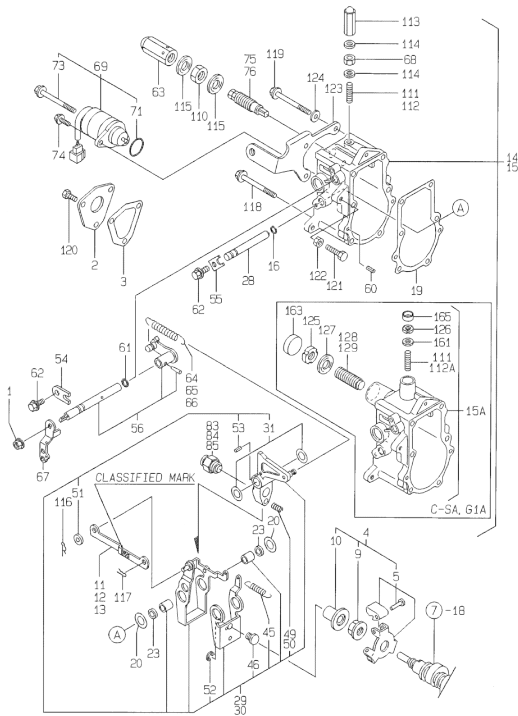
Remarks
(1) SELECTIVE PARTS : CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER.(REF. TO ILLUSTRATION)
(2) REPAIR PART.

(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194990-22050	NUT, M8	1	1	1	1	1	1		
2	1	119660-61060	COVER, GOVERNOR CASE	1	1	1	1	1	1		
3	1	119660-61071	GASKET	1	1	1	1	1	1		
4	1	119600-61100	DRIVE ASSY	1	1	1	1	1	1		
5	2	119600-61200	WEIGHT ASSY,GOVERNOR	1	1	1	1	1	1		
9	2	119660-61300	NUT	1	1	1	1	1	1		
10	2	119660-61341	SLEEVE	1	1	1	1	1	1		
11	1	119660-61121	LINK, NO MARK	1	1	1	1	1	1		1
12	1	119660-61140	LINK, MARK :2	1	1	1	1	1	1		1
13	1	119660-61150	LINK, MARK :3	1	1	1	1	1	1		1
14	1	119632-61200	CASE ASSY, GOVERNOR	1	1						
15	1	119288-61200	CASE ASSY, GOVERNOR			1					
15A	1	119623-61200	CASE ASSY, GOVERNOR					1	1		
16	2	129155-51280	O-RING, S6	1	1	1	1	1	1		
19	2	119660-61052	GASKET	1	1	1	1	1	1		
20	2	119660-61460	SHIM SET	1	1	1	1	1	1		
23	2	129155-61480	SPACER ASSY	2	2	2	2	2	2		
28	2	119660-61491	SHAFT	1	1	1	1	1	1		
29	2	119232-61510	LEVER ASSY, GOVERNOR	1	1			1	1		
30	2	119288-61510	LEVER ASSY, GOVERNOR			1					
31	3	174307-51700	SHIM SET	2	2	2	2	2	2		
45	3	119232-61540	SPRING	1	1	1	1	1	1		
46	3	119600-61541	SHIFTER	1	1	1	1	1	1		
49	3	119660-61651	SPRING, STARTING	1	1			1	1		
50	3	119600-61650	SPRING, STARTING			1					
51	3	22117-040000	WASHER, 4	1	1	1	1	1	1		
52	3	22272-000040	RING, E-4	1	1	1	1	1	1		
53	3	22351-030014	PIN, SPRING 3.0X14	1	1	1	1	1	1		
54	2	119600-61900	RETAINER, SHAFT	1	1	1	1	1	1		
55	2	119660-61901	RETAINER, SHAFT	1	1	1	1	1	1		
56	2	119285-66080	SHAFT ASSY	1	1	1	1	1	1		
60	2	22351-040010	PIN, SPRING 4.0X10	2	2	2	2	2	2		
61	2	24341-000070	O-RING, 1AS7.0	1	1	1	1	1	1		
62	2	26106-060102	BOLT, M6X 10 PLATED	2	2	2	2	2	2		
63	1	129100-61930	NUT, CAP	1	1	1					
64	1	119600-66020	SPRING, REGULATOR	1				1			
65	1	119489-66010	SPRING, REGULATOR		1				1		
66	1	119260-66010	SPRING, REGULATOR			1					
67	1	119621-66051	LEVER, REGULATOR	1	1	1	1	1	1		
68	1	124550-66370	NUT, M6	1	1	1					
69	1	119653-66500	STOPPER ASSY	1	1	1	1	1	1		
71	2	24341-000280	O-RING, 1AS28.0	1	1	1	1	1	1		
73	2	26106-060952	BOLT, M6X 95 PLATED	1	1	1	1	1	1		
74	1	121465-59950	BOLT, M6X16	1	1	1	1	1	1		
75	1	119600-66530	LIMITER ASSY, FUEL	1							
76	1	119629-66510	LIMITER ASSY, FUEL		1	1					
83	1	119654-66700	ANGLEICH ASSY	1				1			
84	1	119610-66700	ANGLEICH ASSY		1				1		
85	1	119260-66720	ANGLEICH ASSY			1					
110	1	26776-120002	NUT, LOCK M12	1	1	1					
111	1	121575-66830	SCREW	1		1			1		

N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Fig.13. GOVERNOR

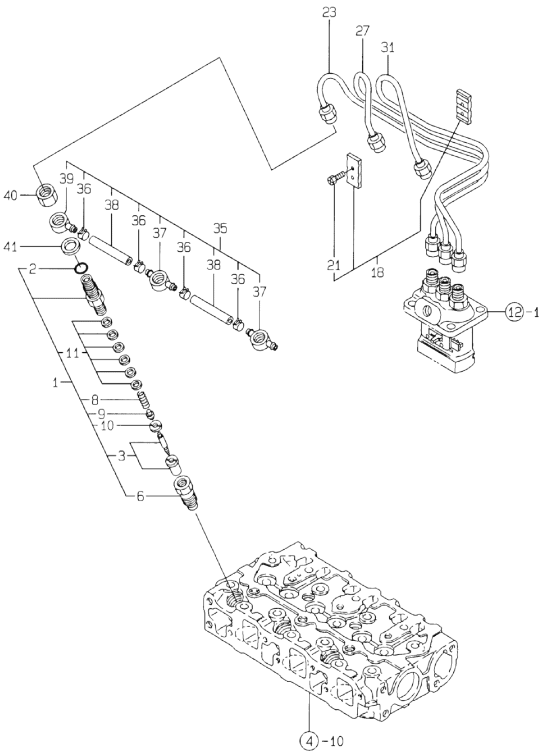


(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
112	1	171002-66830	SCREW		1						
112A	1	119988-61460	BOLT, LIMITER				1				
113	1	119600-66840	NUT, CAP	1	1	1					
114	1	22190-060003	WAHER 6, SEAL	2	2	2					
115	1	22190-120002	WASHER, SEAL 12	2	2	2					
116	1	22360-040000	PIN, SNAP 4	1	1	1	1	1			
117	1	22360-060000	PIN, SNAP 6	1	1	1	1	1			
118	1	26106-060702	BOLT, M6X 70 PLATED	2	2	2	2	2			
119	1	26106-060752	BOLT, M6X 75 PLATED	3	3	3	3	3			
120	1	26116-050102	BOLT, M5X 10 PLATED	3	3	3	3	3			
121	1	26116-060304	BOLT, M6X 30 PLATED	1	1	1	1	1			
122	1	26756-060002	NUT, LOCK M6	1	1	1	1	1			
123	1	119288-55900	BRACKET, FILTER	1	1	1					
123-1	1	119288-55901	BRACKET, FILTER	1	1	1	1	1		N	
(A=E16738) (B=E28743) (C=E23781)											
124	1	22111-060000	WASHER 6	3	3	3	3	3			
125	1	119685-61940	NUT, M12				1	1			
126	1	119685-61950	NUT, M6				1	1			
127	1	22190-120002	WASHER, SEAL 12				1	1			
128	1	119621-66500	LIMITER ASSY, FUEL				1				
129	1	119489-66500	LIMITER ASSY, FUEL					1			
161	2	22190-060003	WAHER 6, SEAL				1	1			
163	1	119621-66610	PLUG, 22				1	1			2
165	1	119621-66710	PLUG, 14				1	1			2

Remarks
(1) SELECTIVE PARTS : CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER.(REF. TO ILLUSTRATION)
(2) REPAIR PART.

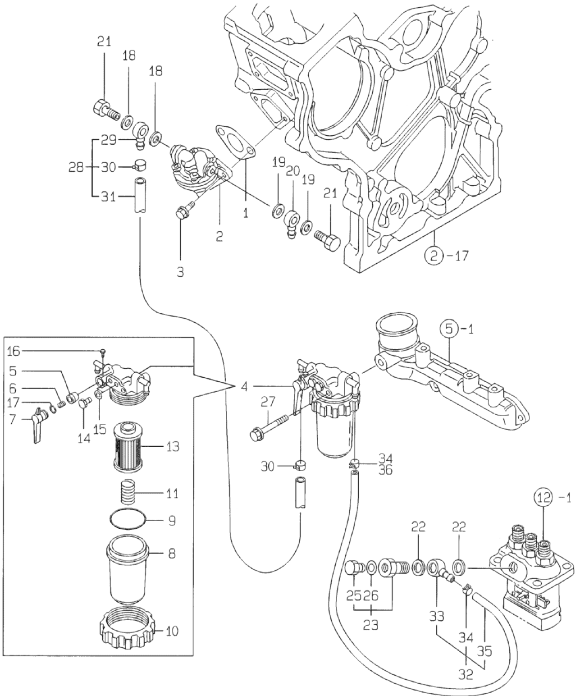
Fig.14. FUEL INJECTION VALVE



(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

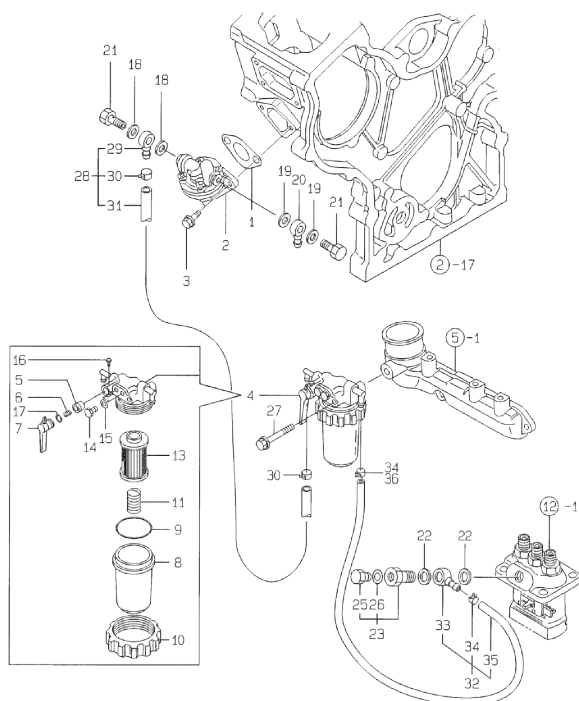
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719620-53700	VALVE ASSY,INJECTION	3	3	3	3	3			
2	2	129155-51580	O-RING	3	3	3					
2-1	2	129155-61830	O-RING, S10	3	3	3	3	3		N	
3	2	119620-53000	VALVE ASSY,INJECTION	3	3	3	3	3			
6	2	119620-53080	NUT, NOZZLE	3	3	3	3	3			
8	2	119620-53120	SPRING, NOZZLE	3	3	3	3	3			
9	2	114250-53130	SEAT, SPRING	3	3	3	3	3			
10	2	119620-53140	SPACER, VALVE STOP	3	3	3	3	3			
11	2	114250-53400	SHIM SET	3	3	3	3	3			
18	1	129150-59120	RETAINER, PIPE	1	1	1	1	1			
21	2	129150-59131	BOLT, M4X14	2	2	2	2	2			
23	1	119225-59810	PIPE ASSY, INJECTION	1	1	1	1	1			
23-1	1	119209-59810	PIPE ASSY, INJECTION	1	1	1	1	1		N	
27	1	119260-59820	PIPE ASSY, INJECTION	1	1	1	1	1			
27-1	1	119209-59820	PIPE ASSY, INJECTION	1	1	1	1	1		N	
31	1	119260-59830	PIPE ASSY, INJECTION	1	1	1	1	1			
31-1	1	119209-59830	PIPE ASSY, INJECTION	1	1	1	1	1		N	
35	1	119260-59540	PIPE ASSY, RETURN	1	1	1	1	1			
36	2	124066-59100	CLIP, HOSE 8	4	4	4	4	4			
37	2	119260-59530	JOINT	2	2	2	2	2			
38	2	119260-59550	PIPE, FUEL	2	2	2	2	2			
39	2	119260-59520	JOINT	1	1	1	1	1			
40	1	119620-59700	NUT, NOZZLE	3	3	3	3	3			
41	1	23414-140000	GASKET, 14X1.0	3	3	3	3	3			

Fig.15. FUEL FILTER



(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121520-01851	GASKET	1	1	1	1	1			
2	1	119600-52021	PUMP ASSY, FUEL FEED	1	1	1	1	1			
3	1	26106-060162	BOLT, M6X 16 PLATED	2	2	2	2	2			
4	1	171059-55600	FILTER ASSY, FUEL	1	1	1	1	1			
5	2	104200-55321	VALVE, TAPER	1	1	1	1	1			
6	2	104200-55330	SPRING, VALVE	1	1	1	1	1			
7	2	104200-55341	HANDLE	1	1	1	1	1			
8	2	121254-55510	COVER	1	1	1	1	1			
9	2	102103-55520	O-RING	1	1	1	1	1			
10	2	110250-55610	RING, RETAINING	1	1	1	1	1			
11	2	121250-55620	SPRING	1	1	1	1	1			
13	2	124550-55700	FILTER, FUEL L=90	1	1	1	1	1			
14	2	101720-55750	PLUG, 6	2	2	2	2	2			
15	2	23418-060000	GASKET, 6X1.0	2	2	2	2	2			
16	2	104200-55750	SCREW, M4	1	1	1	1	1			
17	2	24311-240100	O-RING, 1AP10A	1	1	1	1	1			
18	1	22190-080002	WASHER, SEAL 6	2	2	2	2	2			
19	1	22190-080002	WASHER, SEAL 6	2	2	2	2	2			
20	1	104264-59030	JOINT, PIPE 8	1	1	1	1	1			
21	1	105582-59150	BOLT, PIPE JOINT	2	2	2	2	2			
22	1	104200-59170	GASKET, 12	2	2	2	2	2			
23	1	103854-59191	BOLT ASSY, JOINT M12	1	1	1	1	1			
25	2	124060-59380	PLUG, 6	1	1	1	1	1			
26	2	22190-060002	WASHER, SEAL 6	1	1	1	1	1			
27	1	26014-080702	BOLT, M8X 70	1	1	1	1	1			
28	1	119260-59020	PIPE ASSY, D12XL400	1	1	1	1	1			
29	2	104264-59030	JOINT, PIPE 8	1	1	1	1	1			
30	2	124766-59050	CLIP, HOSE 12	2	2	2	2	2			
31	2	121236-59080	PIPE, FUEL D12X400	1	1	1	1	1			
31-1	2	121024-59090	PIPE, FUEL D12X450	1	1	1	1	1			N
(A=E10627) (B=E10548) (C=E23781)											
32	1	119260-59030	PIPE, FUEL	1	1	1					
32-1	1	119260-59031	PIPE, FUEL	1	1	1					N
(A=E10627) (B=E10548) (C=E23781)											
32-2	1	124160-59011	PIPE ASSY, FUEL	1	1	1	1	1			N
(A=E10627) (B=E10548) (C=E23781)											
32-3	1	119621-59010	PIPE ASSY, FUEL	1	1	1					N
(A=E63287) (B=E62973) (C=E62685)											
33	2	101304-59020	JOINT, PIPE 12	1	1	1	1	1			
34	2	124766-59050	CLIP, HOSE 12	2	2	2					
34-1	2	124766-59050	CLIP, HOSE 12	1	1	1	1	1			K
(A=E10627) (B=E10548) (C=E23781)											
34-2	2	124766-59050	CLIP, HOSE 12	2	2	2					K
(A=E63287) (B=E62973) (C=E62685)											
35	2	105990-59560	PIPE, FUEL	1	1	1					
35-1	2	124767-59080	PIPE, FUEL	1	1	1					N
(A=E10627) (B=E10548) (C=E23781)											
35-2	2	124160-59080	PIPE, FUEL D12X220	1	1	1	1	1			N
(A=E10627) (B=E10548) (C=E23781)											
35-3	2	121024-59090	PIPE, FUEL D12X450	1	1	1					N
(A=E63287) (B=E62973) (C=E62685)											

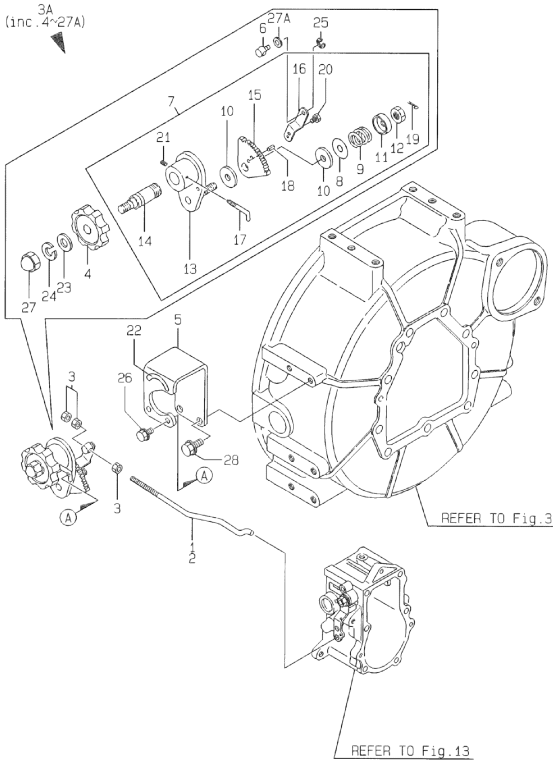


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
36	1	124766-59050	CLIP, HOSE 12 (A=E10627) (B=E10548) (C=E23781)	1	1	1	1	1		W	
36-1	1	124766-59050	CLIP, HOSE 12 (A=E63287) (B=E62973) (C=E62685)	1	1	1				Z	

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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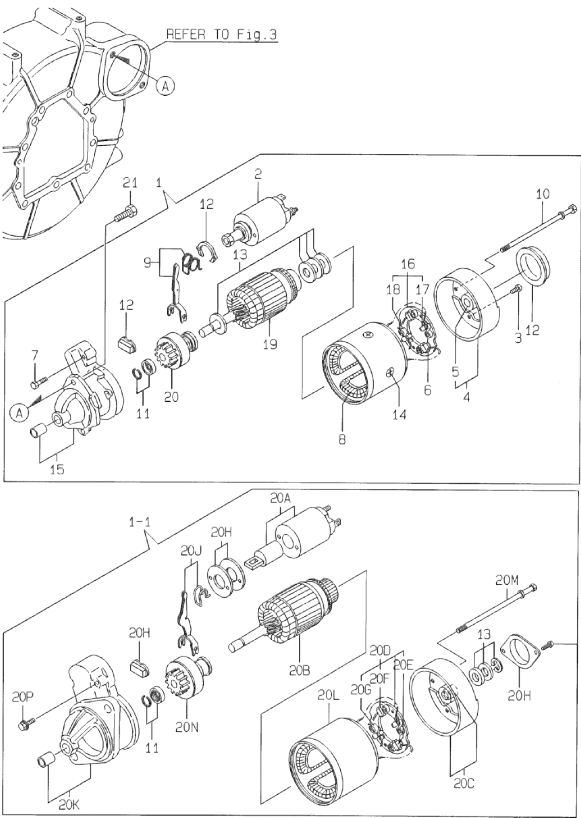
Fig.16. ENGINE CONTROL DEVICE



(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119288-66120	LINK, ENGINE CONTROL	1	1			1	1		
2	1	119288-66160	LINK, ENGINE CONTROL			1					
3	1	26756-050002	NUT, LOCK M5	3	3	3	3	3			
3A	1	119888-66160	CONTROLLER ASSY	1	1	1	1	1			W
		(A=E44002) (B=E43760) (C=E43871) (D=E01001) (E=E01005)									
4	2	126650-66020	HANDLE, REGULATOR	1	1	1	1	1			
5	2	119888-66110	BRACKET	1	1	1	1	1			
6	2	119888-66130	PIVOT	1	1	1	1	1			
7	2	171048-67010	CONTROLLER ASSY	1	1	1	1	1			
8	3	171102-66080	WASHER	1	1	1	1	1			
9	3	104200-66820	SPRING	1	1	1	1	1			
10	3	104200-66830	PLATE, FRICTION	2	2	2	2	2			
11	3	104200-66850	WASHER	1	1	1	1	1			
12	3	104200-66860	NUT	1	1	1	1	1			
13	3	171085-67100	BRACKET	1	1	1	1	1			
14	3	171085-67110	SHAFT, DRIVE	1	1	1	1	1			
15	3	171085-67120	GEAR	1	1	1	1	1			
16	3	171048-67130	LEVER	1	1	1	1	1			
17	3	171048-67140	STOPPER	1	1	1	1	1			
18	3	22351-020006	PIN, SPRING 2.0X 6	1	1	1	1	1			
19	3	22411-200150	COTTER PIN 2.0X15	1	1	1	1	1			
20	3	26116-060082	BOLT, M6X 8 PLATED	1	1	1	1	1			
21	3	26921-050122	SCREW, M5X12	1	1	1	1	1			
22	2	170064-67210	LABEL, HANDLE	1	1	1	1	1			
23	2	22117-100000	WASHER, 10	1	1	1	1	1			
24	2	22217-100000	WASHER, SPRING 10	1	1	1	1	1			
25	2	22272-000050	RING, E- 5	1	1	1	1	1			
26	2	26106-060102	BOLT, M6X 10 PLATED	2	2	2	2	2			
27	2	26657-100002	NUT, CAP M10	1	1	1	1	1			
27A	2	22137-100000	WASHER, 10	1	1	1	1	1			W
		(A=E0000) (B=E0000) (C=E0000) (D=E0000) (E=E0000)									
28	1	26106-080162	BOLT, M8X 16 PLATED	2	2	2	2	2			

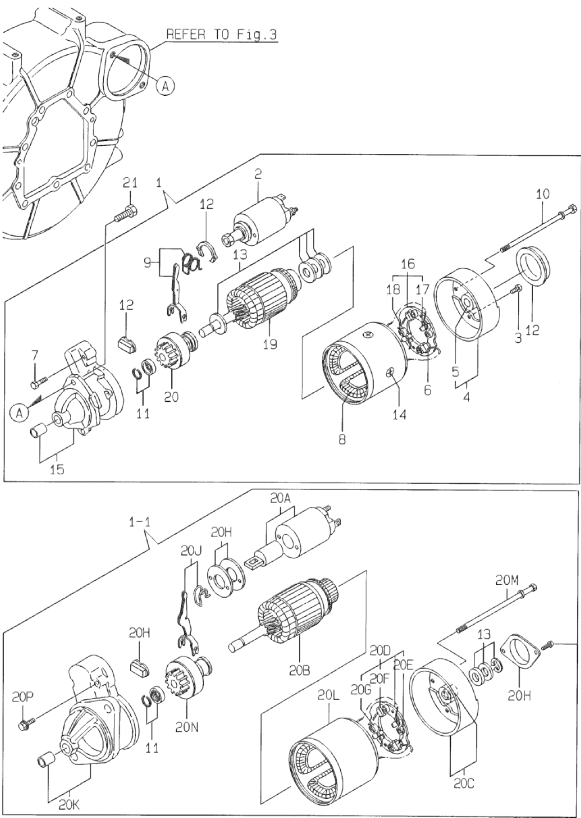
Fig.17. STARTING MOTOR



										OCR10-M45101 Fig.17	
										(A)=3TNE68-SA (B)=3TNE68-G1A (C)=3TNE68-G2A	
										(D)=3TNE68C-SA (E)=3TNE68C-G1A (F)=	
										Q'ty	
										(A)	(B)
										(C)	(D)
										(E)	(F)
										I R	
No.	Lev.	Parts No.	Description								
1	1	119631-77010	STARTER							1	1
1-1	1	119631-77011	STARTING MOTOR							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
2	2	X2114275070	SWITCH, MAGNETIC							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
3	2	X2114283500	SCREW SET							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
4	2	X2114430010	COVER ASSY, REAR							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
5	3	X2114535200	METAL, STARTER							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
6	2	X2114531200	BRUSH (+)							2	2
		(A=E15331)	(B=E15351)	(C=E23781)							
7	2	X2114586700	BOLT M6X 37							2	2
		(A=E15331)	(B=E15351)	(C=E23781)							
8	2	X2114631090	COIL ASSY, FIELD							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
9	2	X2114660130	LEVER KIT, SHIFT							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
10	2	X2114680050	BOLT, THROUGH							2	2
		(A=E15331)	(B=E15351)	(C=E23781)							
11	2	X2114715500	STOPPER SET, PINION							1	1
12	2	X2114780060	COVER ASSY, DUST							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
13	2	X2114811000	WASHER KIT, THRUST							1	1
14	2	X2114821500	SCREW SET							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
15	2	X2114966130	CASE ASSY, GEAR							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
16	2	X2114990010	HOLDER ASSY, BRUSH							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
17	3	X2114831300	BRUSH (-)							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
18	3	X2114931400	SPRING, BRUSH							3	3
		(A=E15331)	(B=E15351)	(C=E23781)							
19	2	124190-77110	ARMATURE, (NON-ASB.)							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
20	2	124190-77760	PINION ASSY							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
20A	2	X2114275010	SWITCH ASSY, MAGNET							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
20B	2	114371-77110	ARMATURE							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
20C	2	114371-77140	COVER ASSY, REAR							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
20D	2	114371-77160	HOLDER ASSY, BRUSH							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							
20E	3	114371-79040	BRUSH (-)							2	2
		(A=E15331)	(B=E15351)	(C=E23781)							
20F	3	114371-79050	BRUSH (+)							1	1
		(A=E15331)	(B=E15351)	(C=E23781)							

N:Old $\frac{N_{Old}}{100}$ New, Q:Old $\frac{Q_{Old}}{100}$ New, R:Old $\frac{R_{Old}}{100}$ New, S:Old $\frac{S_{Old}}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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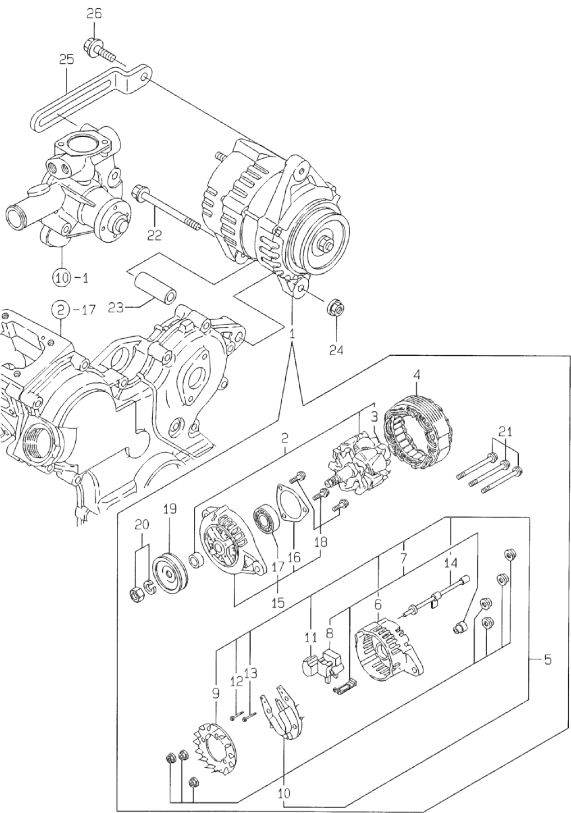
Fig.17. STARTING MOTOR



(A)=3TNE68-SA
(D)=3TNE68C-SA
(B)=3TNE68-G1A
(E)=3TNE68C-G1A
(C)=3TNE68-G2A
(F)=

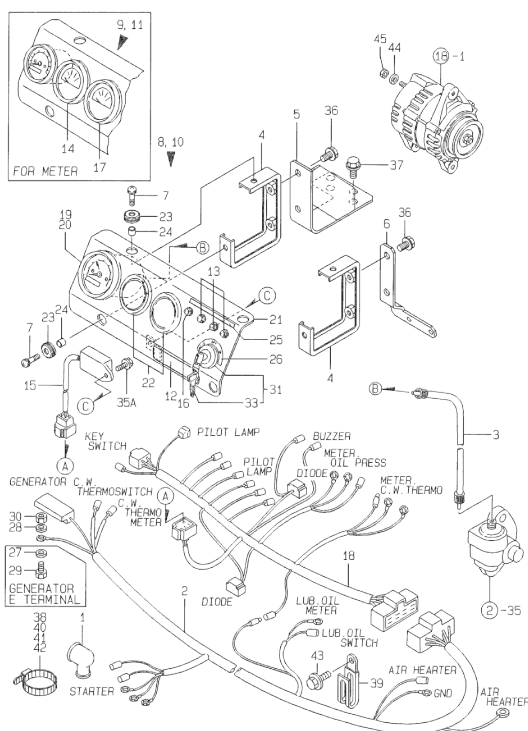
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
20G	3	114371-79060	SPRING, BRUSH	4	4	4	4	4		W	
		(A=E15331) (B=E15351) (C=E23781)									
20H	2	114371-77170	COVER KIT, DUST	1	1	1	1	1		W	
20J	2	114371-77180	LEVER KIT, SHIFT	1	1	1	1	1		W	
		(A=E15331) (B=E15351) (C=E23781)									
20K	2	119631-77651	CASE ASSY, GEAR	1	1	1	1	1		W	
		(A=E15331) (B=E15351) (C=E23781)									
20L	2	124097-77710	YOKE ASSY	1	1	1	1	1		W	
		(A=E15331) (B=E15351) (C=E23781)									
20M	2	124195-77770	BOLT, THROUGH	2	2	2	2	2		W	
		(A=E15331) (B=E15351) (C=E23781)									
20N	2	119631-77780	PINION ASSY	1	1	1	1	1		W	
		(A=E15331) (B=E15351) (C=E23781)									
20P	2	114371-79070	BOLT M 6X 37	2	2	2	2	2		W	
		(A=E15331) (B=E15351) (C=E23781)									
21	1	26116-120252	BOLT, M12X 25 PLATED	2	2	2	2	2			

Fig.18. GENERATOR



(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119836-77200	GENERATOR	1	1	1	1	1	1		
2	2	119836-77700	ROTOR ASSY	1	1	1	1	1	1		
3	3	119836-77850	BALL BEARING	1	1	1	1	1	1		
4	2	119836-77710	STATOR ASSY	1	1	1	1	1	1		
5	2	119836-77721	COVER ASSY, REAR	1	1	1	1	1	1		
6	3	119836-77730	COVER, REAR	1	1	1	1	1	1		
7	3	119836-77741	BRUSH ASSY,REGULATOR	1	1	1	1	1	1		
8	4	119836-77750	BRUSH ASSY	1	1	1	1	1	1		
9	3	119836-77760	GUIDE, FAN SIDE	1	1	1	1	1	1		
10	3	119836-77770	DIODE ASSY	1	1	1	1	1	1		
11	3	119836-77780	CONDENSER	1	1	1	1	1	1		
12	3	119836-77871	BOLT (1)	1	1	1	1	1	1		
13	3	119836-77880	BOLT (2)	1	1	1	1	1	1		
14	3	119836-77890	WIRE ASSY, LEAD	1	1	1	1	1	1		
15	2	119836-77790	COVER ASSY, FRONT	1	1	1	1	1	1		
16	3	119836-77800	RETAINER, BEARING	1	1	1	1	1	1		
17	3	119836-77840	BALL BEARING	1	1	1	1	1	1		
18	3	119836-77860	SCREW KID	1	1	1	1	1	1		
19	2	119836-77810	PULLEY	1	1	1	1	1	1		
20	2	119836-77820	NUT ASSY, PULLEY	1	1	1	1	1	1		
21	2	119836-77830	BOLT, THROUGH	1	1	1	1	1	1		
22	1	26106-081052	BOLT, M8X105 PLATED	1	1	1	1	1	1		
23	1	129150-77340	SPACER	1	1	1	1	1	1		
24	1	26366-080002	NUT, M8	1	1	1	1	1	1		
24-1	1	26306-080002	NUT, M8	1	1	1	1	1	1		N
		(A=E-XXX) (B=E-XXX) (C=E-XXX) (D=E-XXX) (E=E-XXX)									
25	1	119225-77330	ADJUSTER	1	1	1	1	1	1		
26	1	26106-080182	BOLT, M8X 18 PLATED	1	1	1	1	1	1		

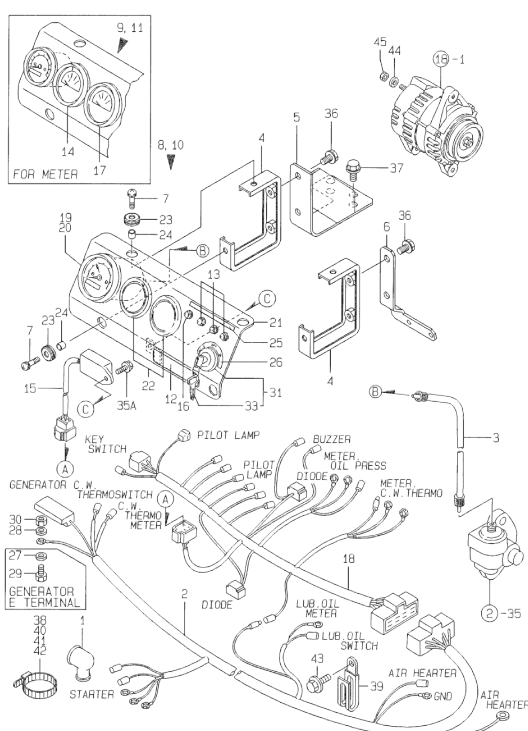


Remarks
(1) WITH C.W.THERMOMETER(REF.NO.14,
P/# 171010-77850) & PRESSURE
GAUGE(REF.NO.17,P/# 171090-91010).

0CR10-M45101 Fig.19										
				(A)=3TNE68-SA (B)=3TNE68-G1A (C)=3TNE68-G2A	(D)=3TNE68C-SA (E)=3TNE68C-G1A (F)=					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I R
1	1	124550-77030	COVER, TERMINAL	1	1	1	1	1		
2	1	119888-91021	HARNESS (A), WIRE	1	1	1				
2-1	1	119888-91022	HARNESS, WIRE	1	1	1	1	1		N
(A=E12794) (B=E13133) (C=E23781)										
3	1	124701-91140	CABLE, L=985	1	1	1	1	1		
4	1	119888-91120	SUPPORT	2	2	2	2	2		
5	1	119288-91130	BRACKET, PANEL	1	1	1	1	1		
6	1	119288-91140	SUPPORT	1	1	1	1	1		
7	1	26033-060202	SCREW M 6X 20	4	4	4	4	4		
8	1	119888-91101	PANEL ASSY	1			1	1		
9	1	119888-91201	PANEL ASSY	1		1	1			1
10	1	119888-91301	PANEL ASSY, INSTRUM		1			1		
11	1	119888-91311	PANEL ASSY		1			1		1
12	2	104507-07190	LABEL, YANMAR	1	1	1	1	1		
13	2	124732-77720	LAMP, CHARGING	3	3	3	3	3		
14	2	171010-77850	THERMOSTAT	1	1	1	1	1		
15	2	128300-77920	TIMER	1	1	1	1	1		
16	2	124559-77971	LAMP, PILOT	1	1	1	1	1		
17	2	171090-91010	GAUGE	1	1	1	1	1		1
18	2	119888-91031	HARNESS, WIRE	1	1	1	1	1		
19	2	171080-91100	TACHOMETER	1		1	1			
20	2	171082-91100	TACHOMETER		1			1		
21	2	119888-91110	BODY, PANEL	1	1	1	1	1		
22	2	124770-91220	COVER	2	2	2	2	2		
23	2	121400-91520	ABSORBER	4	4	4	4	4		
24	2	121400-91530	SPACER	4	4	4	4	4		
25	2	119888-91610	LABEL, CW & OIL LAMP	1	1	1	1	1		
26	2	119888-91620	LABEL, KEY SWITCH	1	1	1	1	1		
27	2	122117-050000	WASHER, 5	1		1				Z
(A=EXXX) (C=EXXX)										
28	2	122117-050000	WASHER, 5	1		1				Z
(A=EXXX) (C=EXXX)										
29	2	26116-050102	BOLT, M5X 10 PLATED	1		1				Z
(A=EXXX) (C=EXXX)										
30	2	26716-050002	NUT, M5	1		1				Z
(A=EXXX) (C=EXXX)										
31	2	933110-00100	SWITCH ASSY, STARTER	1	1	1	1	1		
33	3	933110-00301	KEY ASSY	1	1	1	1	1		
35A	2	26106-060102	BOLT, M6X 10 PLATED	1	1	1	1	1		W
(A=EXXX) (B=EXXX) (C=EXXX)										
36	1	26106-080122	BOLT, M8X 12 PLATED	4	4	4	4	4		
37	1	26106-100502	BOLT, M10X 50 PLATED	2	2	2	2	2		
38	1	121750-59890	BAND, 140	1	1	1	1	1		
39	1	194180-51640	CLAMP, HARNESS	1	1	1	1	1		
40	1	121750-59890	BAND, 140	1	1		1	1		
41	1	121750-59890	BAND, 140			1				
42	1	121750-59890	BAND, 140	1	1		1	1		
43	1	26106-100122	BOLT, M10X 12 PLATED	1	1	1	1	1		W
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX) (E=EXXX)										
44	1	122117-050000	WASHER, 5	1	1	1	1	1		W
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX) (E=EXXX)										

N:Old $\xrightarrow{\text{Yes/No}}$ New, Q:Old $\xrightarrow{\text{No/Yes}}$ New, R:Old $\xrightarrow{\text{Yes/Yes}}$ New, S:Old $\xrightarrow{\text{No/No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.19. PANEL



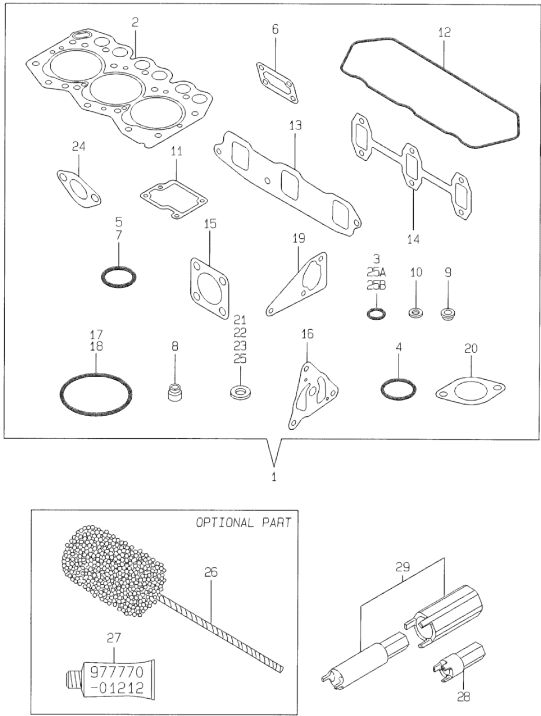
Remarks
(1) WITH C.W.THERMOMETER(REF.NO.14,
P/# 171010-77850) & PRESSURE
GAUGE(REF.NO.17,P/# 171090-91010).

(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
45	1	26716-050002	NUT, M5	1	1	1	1	1	1	W
	(A=FXXX)	(B=FXXX)	(C=FXXX)	(D=FXXX)	(E=FXXX)					

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:Qty Change

Fig.20. GASKET SET

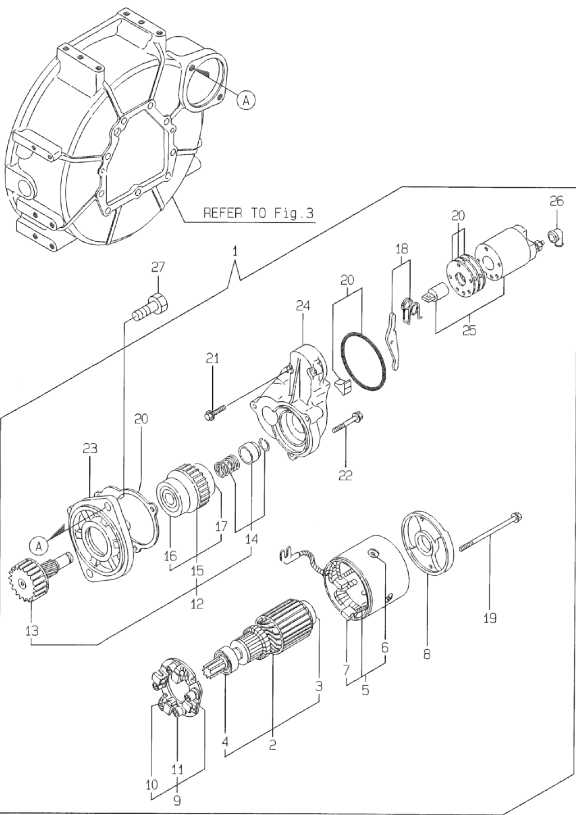


Remarks
(1) OPTIONAL PART.

(A)=3TNE68-SA
(B)=3TNE68-G1A
(C)=3TNE68-G2A
(D)=3TNE68C-SA
(E)=3TNE68C-G1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719265-92611	GASKET SET	1	1	1					1
1-1	1	719265-92612	GASKET SET	1	1	1	1	1		N	1
		(A=E0000) (B=E0000) (C=E0000)									
2	2	119265-01340	GASKET, HEAD	1	1	1	1	1			
2-1	2	119265-01341	GASKET, HEAD	1	1	1	1	1			N
		(A=E21604) (B=E28743) (C=E23781) (D=E00493) (E=E00492)									
3	2	24311-000120	O-RING, 1AP12.0	5	5	5					
3-1	2	24311-000120	O-RING, 1AP12.0	2	2	2	2	2			K
		(A=E0000) (B=E0000) (C=E0000)									
4	2	24311-000320	O-RING, 1AP32.0	2	2	2	2	2			
5	2	24341-000240	O-RING, 1AS24.0	1	1	1	1	1			
6	2	119660-01562	GASKET	1	1	1	1	1			
7	2	24311-000180	O-RING, 1AP18.0	1	1	1	1	1			
8	2	119260-11340	SEAL, VALVE STEM	6	6	6	6	6			
9	2	119600-11450	PROTECTOR, NOZZLE	3	3	3	3	3			
10	2	119600-11460	GASKET, NOZZLE	6	6	6	6	6			
11	2	119260-03031	GASKET	1	1	1	1	1			
12	2	119260-11310	GASKET, BONNET	1	1	1	1	1			
13	2	119270-12110	GASKET, MANIFOLD	1	1	1	1	1			
14	2	119260-13110	GASKET	1	1	1	1	1			
15	2	121000-13201	GASKET, SILENCER	2	2	2	2	2			
16	2	119660-32020	GASKET, PUMP	1	1	1	1	1			
17	2	24321-000600	O-RING, 1AG60.0	1	1	1	1	1			
18	2	24321-000700	O-RING, 1AG70.0	1	1	1	1	1			
19	2	119260-42020	GASKET, WATER PUMP	1	1	1	1	1			
20	2	129350-49541	GASKET	1	1	1	1	1			
21	2	124465-44950	GASKET, 16	2	2	2	2	2			
22	2	22190-080002	WASHER, SEAL 6	4	4	4	4	4			
23	2	23414-140000	GASKET, 14X1.0	3	3	3	3	3			
24	2	121520-01851	GASKET	1	1	1	1	1			
25	2	104200-59170	GASKET, 12	2	2	2	2	2			
25A	2	119624-32040	O-RING, P12.0	2	2	2	2	2			W
		(A=E62542) (B=E62973) (C=E62473) (D=E01001) (E=E01088)									
25B	2	24311-000110	O-RING, 1AP11.0	1	1	1	1	1			W
		(A=E0000) (B=E0000) (C=E0000)									
25B-1	2	119209-35030	O-RING, P11	1	1	1	1	1			R
		(A=E31086) (B=E33561) (C=E31085) (D=E00605) (E=E00590)									
26	1	129400-92400	FLEX HORN	1	1	1	1	1			1
27	1	977770-01212	GASKET, LIQUID	1	1	1	1	1			1
28	1	119621-99100	TOOL, CARB IDLE							1	
29	1	119621-99400	BOX, TOOL							1	

Fig.21. STARTING MOTOR(COLD DISTRICT)



										OCR10-M45101 Fig.21	
										(A)=3TNE68-SA (B)=3TNE68-G1A01 (C)=3TNE68-G2A01	
										(D)=3TNE68C(E)SA (E)=3TNE68C(E)G1 (F)=	
										Q'ty	
										(A) (B) (C) (D) (E) (F)	
No.	Lev.	Parts No.	Description								
1	1	119256-77010	MOTOR ASSY, STARTING							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
2	2	X211461005	ARMATURE							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
3	3	X2130350900	BALL BEARING							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
4	3	X211425511	BALL BEARING							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
5	2	X211442003	COIL ASSY, FIELD							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
6	3	X21143215	SCREW, CORE							4	4
		(A=E15331) (B=E15351) (C=E23781)								4	4
7	3	X211469002	BRUSH (+)							2	2
		(A=E15331) (B=E15351) (C=E23781)								2	2
8	2	X211483003	COVER							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
9	2	X211439001	HOLDER ASSY, BRUSH							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
10	3	X211459002	BRUSH (-)							2	2
		(A=E15331) (B=E15351) (C=E23781)								2	2
11	3	X21147314	SPRING, BRUSH							4	4
		(A=E15331) (B=E15351) (C=E23781)								4	4
12	2	X211465505	CLUTCH ASSY, PINION							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
13	3	X211465504	SHAFT, PINION							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
14	3	X211429006	STOPPER SET							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
15	3	X211455500	CLUTCH ASSY							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
16	4	X211495502	BEARING, BALL							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
17	4	X224041010	BEARING, BALL							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
18	2	X211476012	LEVER							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
19	2	X211468005	BOLT, THROUGH							2	2
		(A=E15331) (B=E15351) (C=E23781)								2	2
20	2	171008-77571	DUST COVER,(NON-ASB.							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
21	2	X21145866	BOLT							2	2
		(A=E15331) (B=E15351) (C=E23781)								2	2
22	2	X21142867	BOLT							3	3
		(A=E15331) (B=E15351) (C=E23781)								3	3
23	2	X2114765040	CASE ASSY, GEAR							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
24	2	X2114145010	CENTER HOUSING							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
25	2	171008-77531	MAGNETIC SWITCH ASSY							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1
26	2	X21142742	COVER (A), RUBBER							1	1
		(A=E15331) (B=E15351) (C=E23781)								1	1

N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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[illegible]

N:Old $\frac{\text{Yes}}{\text{No}}$ New. Q:Old $\frac{\text{No}}{\text{Yes}}$ New. R:Old $\frac{\text{Yes}}{\text{Yes}}$ New. S:Old $\frac{\text{No}}{\text{No}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

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