

0CV10-M68001EN

PREFACE

1. This Parts Catalog carries all parts incorporated in YANMAR Model 3TNE68 - BE engine manufactured since June, 1999 & 3TNE68 - EBE engine manufactured since September, 2000.

2. Parts catalog history

	Parts catalog No.	Published	Remarks
1st edition	000Y00V6800	1999/ 9	Disuse old edition
1st revised	000Y00V6801	2000/10	

3. Model name

Column	Model name	Manufactured	E/#
(A)	3TNE68 - BE	1999/ 6 ~	63844 ~
(B)	3TNE68 - EBE	2000/ 9 ~	69127 ~

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.

Directions for the Parts Catalog.

1. The parts stipulated in this Parts Catalog are not necessarily standard equipped parts.
2. Parts may change without prior notice.
3. The following is an example of the Parts Catalog format.

OCF10-G21601		29. FUEL INJECTION PUMP(W/BOOST)									
REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1			
1-1	1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1		N	1
		(A=E00185) (B=E00200)									
3	2	26022-060162	SCREW M 6X 16	9	9	9	9	9			
3-1	2	26022-060162	SCREW M 6X 16	4	4	4	4	4		K	
		(A=E00156) (B=E00156) (C=E00156) (D=E00156) (E=E00156)									
4	2	129470-51040	CAMSHAFT	1	1	1	1	1			
5	2	122710-51050	BEARING, ROLLER	2	2	2	2	2			
6	2	129470-51060	RETAINER	1	1	1	1	1			

Remarks

(1) BOOST COMPEMSATOR TYPE. OPTIONAL PART, TO E00155,(4JH-DT, 4JH-DTZ

① Ref. No.

The Ref. No. listed may not be in accordance with the illustration Ref. No.

(Ex.) Illustration No.

List Ref No.

1 1 (Before change) → 1-1 (After change)

For interchangeable symbols N, R and K, illustrations for new parts may be abbreviated.

② Lev. (Level)

Level indication

The numbers below indicate the level of relativity towards the main part.

1 ---- Main parts (Assembly parts)

2 ---- Sub component included in " 1 ".

3 ---- Sub component included in " 2 ".

Note) Parts that are not for sale are partially illustrated but not listed.

③ Interchangeability Mark

When a part change takes place, one of the following interchangeability symbols is indicated beside the part.

Symbol	Interchangeability	Contents note
N	Old $\xrightarrow{\text{Yes}}$ New No	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\xrightarrow{\text{No}}$ New Yes	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\xrightarrow{\text{Yes}}$ New Yes	New/ Old Parts are both interchangeable.
S	Old $\xrightarrow{\text{No}}$ New No	New/ Old Parts are both not interchangeable.
W		Part newly added.
Z		Part discontinued.
F		Not interchangeable by a single part but interchangeable together with related parts.
K		Changes only for used parts quantities.

④ Effective Machine No.

When a part changes, the effective Machine No. will be indicated in the (A)-(F) column.

Product Symbol	Product No.	Product Symbol	Product No.
C	Clutch No. Compressor No.	F	Machine No. (Agricultural Equip.)
D	Drive No.	M	Machine No.
E	Engine No.		

Note 1) A date may follow the symbol. (Ex.) 1996.01

Note 2) " XXXXX " and " ZZZZZ " are for parts that could not be predicted or for engine models that could not be identified.

Note 3) (A=E00185) is the E (Engine Serial Number) for the column (A) model (in this case 4JH-DT) after the parts design change.

⑤ Remarks Mark

Figures or alphabets (symbols) are entered in the remarks column.

The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

Contents

Fig. No.	Fig. Name	Fig. No.	Fig. Name
3TNE68-(E)BE			
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4.	CYLINDER HEAD & BONNET		
5.	SUCTION MANIFOLD		
6.	EXHAUST MANIFOLD		
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		

1. CYLINDER BLOCK

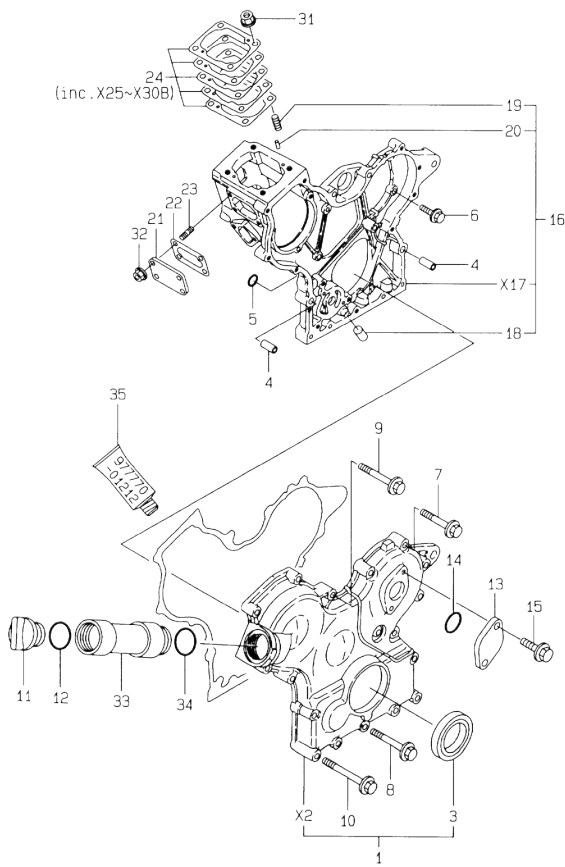


N:Old $\xrightarrow{\text{Yes}} \text{New}$, Q:Old $\xrightarrow{\text{No}} \text{New}$, R:Old $\xrightarrow{\text{Yes}} \text{New}$, S:Old $\xrightarrow{\text{No}} \text{New}$, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.2. GEAR HOUSING

2.GEAR HOUSING



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						
3	2	119620-01800	SEAL, OIL	1	1						
4	1	119660-01911	PIPE, KNOCK	4	4						
5	1	119624-32040	O-RING, P12.0	2	2						
6	1	26106-060162	BOLT, M6X 16 PLATED	5	5						
7	1	26106-060302	BOLT, M6X 30 PLATED	5	5						
8	1	26106-060402	BOLT, M6X 40 PLATED	3	3						
9	1	26106-060502	BOLT, M6X 50 PLATED	4	4						
10	1	26106-060652	BOLT, M6X 65 PLATED	6	6						
11	1	124160-01751	COVER, FILLER	1	1						
12	1	24311-000320	O-RING, 1AP32.0	1	1						
13	1	121023-01550	COVER	1	1						
14	1	24341-000240	O-RING, 1AS24.0	1	1						
15	1	26106-060162	BOLT, M6X 16 PLATED	2	2						
16	1	119260-01490	CASE ASSY, GEAR	1	1						
18	2	119260-01510	PLUG	1	1						
19	2	121450-01560	STUD, M8X22	4	4						
20	2	22351-040010	PIN, SPRING 4.0X10	2	2						
21	1	119660-01551	COVER	1	1						
22	1	119660-01562	GASKET	1	1						
23	1	119660-01570	STUD, M6X12	4	4						
24	1	119623-01950	SHIM SET, ADJUSTING	1	1						
31	1	194990-22050	NUT, M8	4	4						
32	1	26366-060002	NUT, M6	4	4						
33	1	171031-11741	PIPE	1	1						
34	1	24311-000320	O-RING, 1AP32.0	1	1						
35	1	977770-01212	GASKET, LIQUID	1	1						1

Remarks

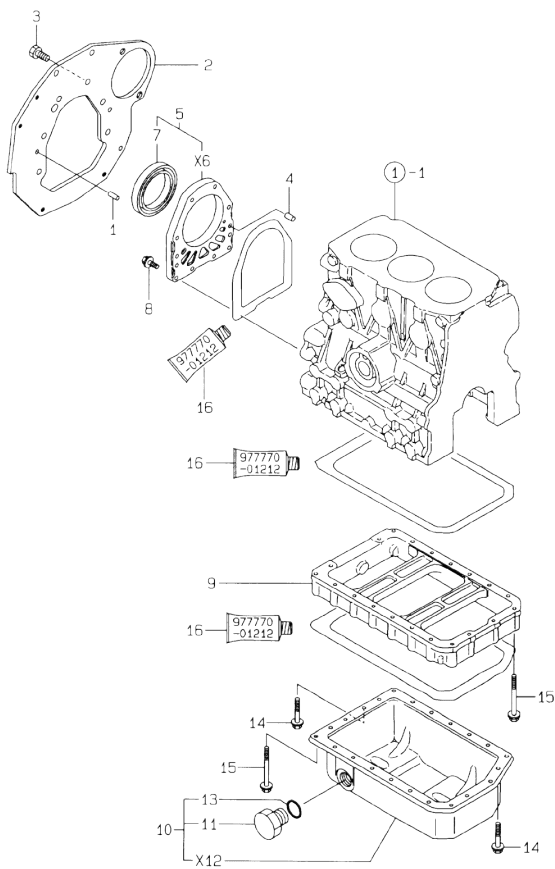
(1) OPTIONAL PART.

N:Old $\frac{YBS}{100}$ New, Q:Old $\frac{H10}{100}$ New, R:Old $\frac{YBS}{100}$ New, S:Old $\frac{H10}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.3. MOUNTING FLANGE & OIL SUMP

3.MOUNTING FLANGE & OIL SUMP



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2	2						
2	1	119621-01611	FLANGE, MOUNTING	1	1						
3	1	26116-100202	BOLT, M10X 20 PLATED	8	8						
4	1	119620-01620	PIN, M6X10	2	2						
5	1	119660-01640	CASE ASSY, OIL SEAL	1	1						
7	2	124085-02220	SEAL, OIL	1	1						
8	1	26106-060222	BOLT, M6X 22 PLATED	10	10						
9	1	119454-01721	SPACER, OIL SUMP	1	1						
10	1	119260-01770	SUMP ASSY, OIL	1	1						
11	2	121400-01640	PLUG, 16	1	1						
13	2	24311-000180	O-RING, 1AP18.0	1	1						
14	1	26106-060102	BOLT, M6X 10 PLATED	3	3						
15	1	26106-060452	BOLT, M6X 45 PLATED	20	20						
16	1	977770-01212	GASKET, LIQUID	1	1						1

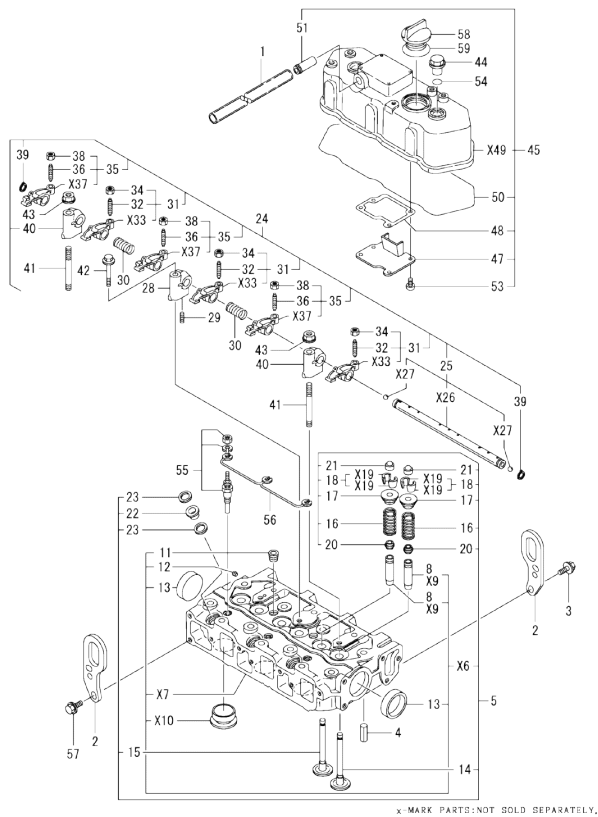
Remarks

(1) OPTIONAL PART.

N:Old $\frac{YBS}{10}$ New, Q:Old $\frac{RIS}{10}$ New, R:Old $\frac{YBS}{10}$ New, S:Old $\frac{RIS}{10}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.4. CYLINDER HEAD & BONNET

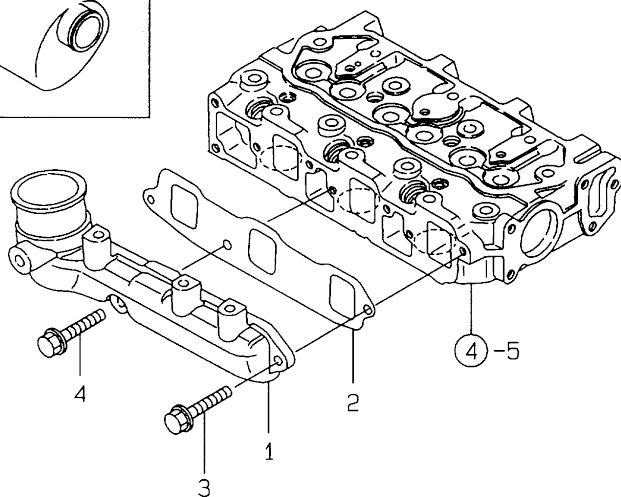
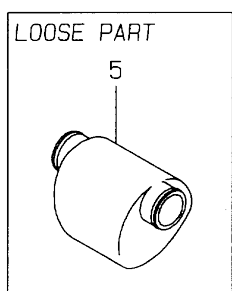


x-MARK PARTS:NOT SOLD SEPARATELY.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	23065-120700	PIPE, 12X 700	1	1						
2	1	119260-07900	LIFTER	2	2						
3	1	26106-080142	BOLT, M8X 14 PLATED	1	1						
4	1	22351-060012	PIN, SPRING 6.0X12	2	2						
5	1	119265-11700	HEAD ASSY, CYLINDER	1	1						
8	3	119260-11800	GUIDE, VALVE	6	6						1
11	3	23876-030000	PLUG, R03	2	2						
12	3	27221-050080	PLUG, 5X 8	1	1						
13	3	27241-350000	PLUG, 35	2	2						
14	2	119260-11100	VALVE, INTAKE	3	3						
15	2	119260-11110	VALVE, EXHAUST	3	3						
16	2	114250-11120	SPRING, VALVE	6	6						
17	2	114250-11180	RETAINER, SPRING	6	6						
18	2	714250-11570	COTTER ASSY	6	6						
20	2	119260-11340	SEAL, VALVE STEM	6	6						
21	2	119260-11370	CAP VALVE	6	6						
22	2	119600-11450	PROTECTOR, NOZZLE	3	3						
23	2	119600-11460	GASKET, NOZZLE	6	6						
24	1	119260-11200	SUPPORT ASSY, ARM	1	1						
25	2	119260-11240	SHAFT ASSY, ROCKER	1	1						
28	2	119260-11260	SUPPORT, ROCKER ARM	1	1						
29	2	119260-11270	SCREW	1	1						
30	2	119260-11280	SPRING	2	2						
31	2	719260-11650	ARM ASSY, ROCKER	3	3						
32	3	105010-11230	SCREW, VALVE ADJUST	3	3						
34	3	26756-060002	NUT, LOCK M6	3	3						
35	2	719260-11660	ARM ASSY, ROCKER	3	3						
36	3	105010-11230	SCREW, VALVE ADJUST	3	3						
38	3	26756-060002	NUT, LOCK M6	3	3						
39	2	22242-000100	RING, 10	2	2						
40	2	119265-11260	SUPPORT, ROCKER ARM	2	2						
41	1	119620-11350	STUD	2	2						
42	1	26106-080452	BOLT, M8X 45 PLATED	1	1						
43	1	26366-080002	NUT, M8	2	2						
44	1	124160-11360	KNOB	2	2						
45	1	119260-11330	BONNET ASSY, HEAD	1							
45-1	1	119260-11331	BONNET ASSY, HEAD	1	1						N
(A=E65025)											
47	2	119260-03020	PLATE, SHELTER	1	1						
48	2	119260-03031	GASKET	1	1						
50	2	119260-11310	GASKET, BONNET	1	1						
51	2	118400-03060	JOINT, BREATHER	1	1						
53	2	22857-500100	SCREW, 5X10	4	4						
54	1	24311-000120	O-RING, 1AP12.0	2	2						
55	1	129795-77800	PLUG, GLOW	3	3						
56	1	119620-77820	CONNECTOR, GLOW PLUG	1	1						
57	1	26106-080142	BOLT, M8X 14 PLATED	2	2						
58	1	124160-01751	COVER, FILLER	1	1						
59	1	24311-000320	O-RING, 1AP32.0	1	1						

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

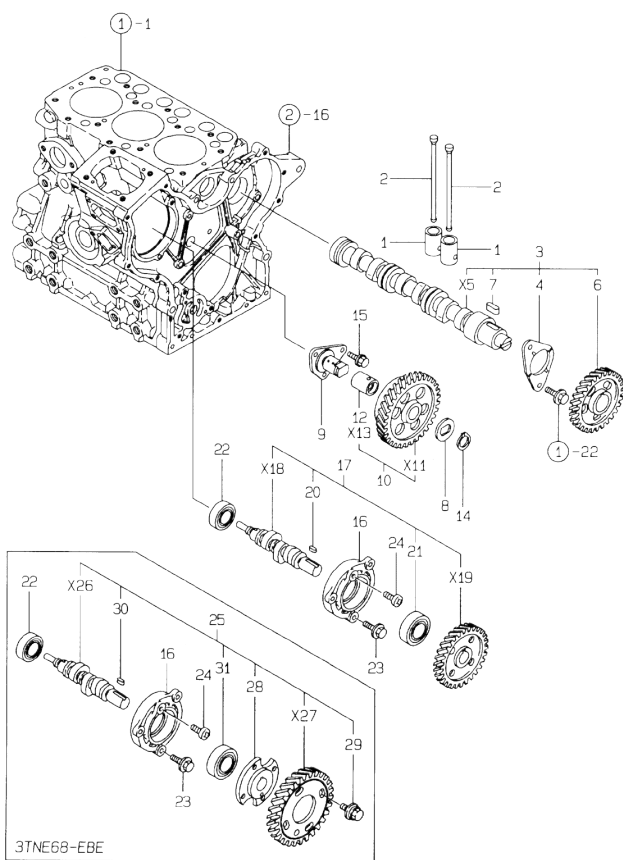


				(A)=3TNE68-BE (B)=3TNE68-EBE (C)=	(D)= (E)= (F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119270-12100	MANIFOLD, AIR INTAKE	1							
1-1		119275-12101 (A=E65051)	MANIFOLD, AIR INTAKE	1	1						R
2	1	119270-12110	GASKET, MANIFOLD	1	1						
3	1	26106-060162	BOLT, M6X 16 PLATED	2	2						
4	1	26106-060282	BOLT, M6X 28 PLATED	1	1						
5	1	121855-12060	SILENCER ASSY	1	1						

This diagram shows an exploded view of a mechanical assembly. The components are labeled with numbers 1 through 7. Component 1 is a central rectangular block with four flange-like structures. Component 2 is a long, thin rod with a threaded section. Component 3 is a hex nut. Component 4 is a small, circular, ring-like component. Component 5 is a small, circular, ring-like component. Component 6 is a square flange with a central hole. Component 7 is a small, circular, ring-like component. The diagram illustrates how these parts fit together to form a complete assembly.

[illegible]

7. CAMSHAFT & DRIVING GEAR



Remarks
(1) REPAIR PART.

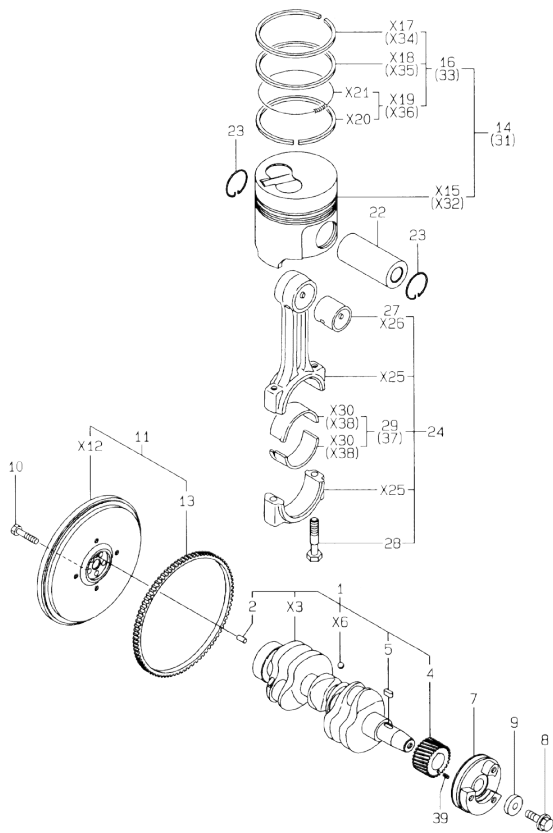
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119260-14200	TAPPET	6	6						
2	1	119260-14400	ROD, PUSH	6	6						
3	1	119260-14580	CAMSHAFT ASSY	1	1						
4	2	119620-02450	BEARING, THRUST	1	1						
6	2	119260-14100	GEAR, CAMSHAFT	1	1						
7	2	22512-040120	KEY, 4X 12	1	1						
8	1	119660-25022	RETAINER	1	1						
9	1	119660-25052	SHAFT, IDLE	1	1						
10	1	119260-25100	GEAR ASSY, IDLE	1	1						
12	2	119620-25912	BUSH	1	1						
14	1	22242-000200	RING, 20	1	1						
15	1	26106-060122	BOLT, M6X 12 PLATED	3	3						
16	1	119660-01821	BEARING, FUEL CAM	1	1						
17	1	119225-14200	CAM ASSY	1							
20	2	22512-040120	KEY, 4X 12	1							
21	2	24102-063034	BEARING, BALL 6303U	1							
22	1	24101-062034	BEARING, BALL 6203	1	1						
23	1	26106-060162	BOLT, M6X 16 PLATED	3	3						
24	1	26587-080102	SCREW, M8X10	1	1						
25	1	119225-14210	CAM ASSY	1							
28	2	119660-25920	FLANGE	1							
29	2	119660-25930	BOLT		4						
30	2	22512-040120	KEY, 4X 12		1						
31	2	24102-063034	BEARING, BALL 6303U		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:Q'ty Change

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Fig.8. CRANKSHAFT & PISTON

B. CRANKSHAFT & PISTON

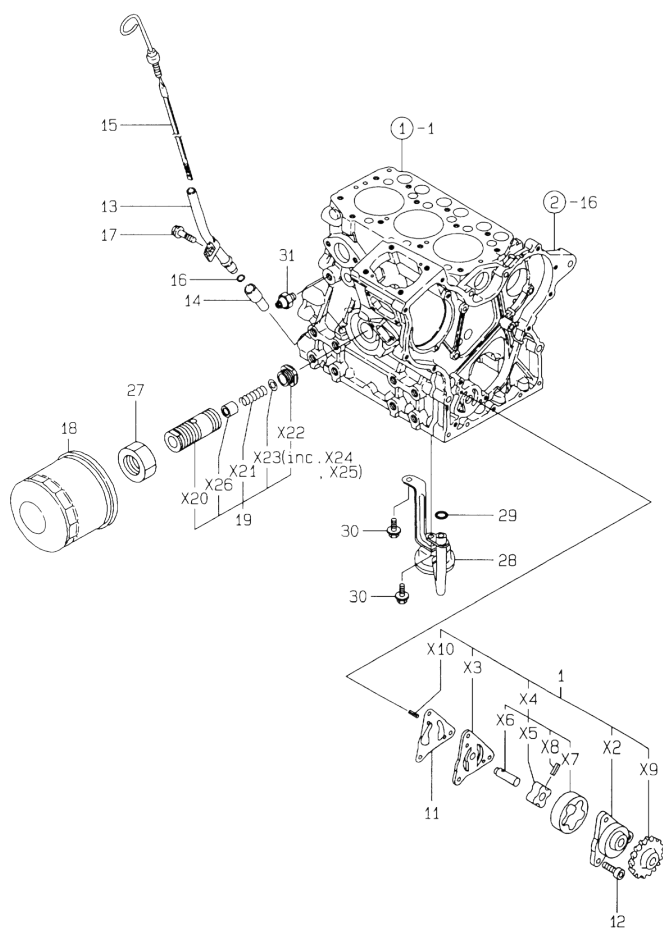


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119265-21700	CRANKSHAFT ASSY	1	1						
2	2	129100-01580	PIN, M8X16	1	1						
4	2	119260-21200	GEAR, CRANKSHAFT	1	1						
5	2	22512-040120	KEY, 4X 12	1	1						
7	1	119233-21691	V-PULLEY	1	1						
8	1	119621-21680	BOLT, FLANGE 12X1.25	1	1						
9	1	119620-21941	WASHER	1	1						
10	1	119620-21500	BOLT, FLYWHEEL	5	5						
11	1	119265-21560	FLYWHEEL ASSY	1	1						
13	2	124060-21600	GEAR, RING	1	1						
14	1	119265-22601	PISTON ASSY	3	3						
16	2	119265-22500	RING SET, PISTON	3	3						
22	1	119265-22300	PIN, PISTON	3	3						
23	1	22252-000200	RING, 20	6	6						
24	1	119265-23100	ROD ASSY, CONNECTING	3	3						
27	2	119260-23910	BEARING, PISTON PIN	3	3						1
28	2	119265-23200	BOLT, CONNECTING ROD	6	6						
29	2	719260-23600	BEARING, CRANK PIN	3	3						
31	1	119265-22930	PISTON ASSY, 0.25 OS	3	3						2
33	2	119265-22950	RING SET, 0.25 OS	3	3						2
37	1	719260-23610	BEARING ASSY, 0.25	3	3						3
39	1	22351-030010	PIN, SPRING 3.0X10	1	1						

Remarks

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

9.LUB.OIL SYSTEM



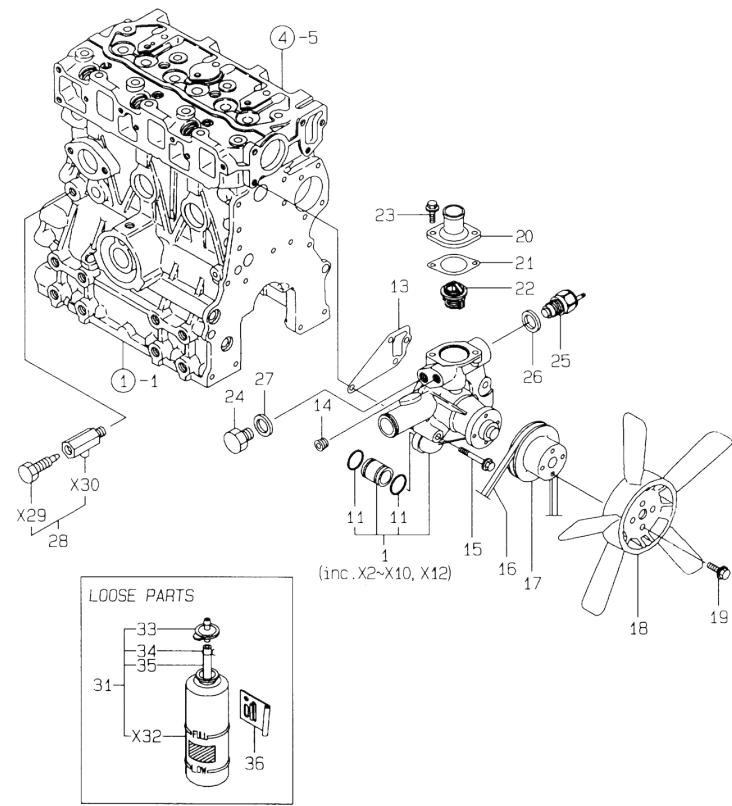
No.	Lev.	Parts No.	Description	(A)=3TNE68-BE (B)=3TNE68-EBE (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
11	1	119260-32000	PUMP ASSY, OIL	1	1						
11	1	119660-32020	GASKET, PUMP	1	1						
12	1	26450-060202	BOLT, M6X 20	3	3						
13	1	119225-34810	GUIDE, DIPSTICK	1	1						
14	1	119260-34810	GUIDE, DIPSTICK	1	1						
15	1	119620-34822	DIPSTICK, OIL	1	1						
16	1	24311-240100	O-RING, 1AP10A	1	1						
17	1	26106-060102	BOLT, M6X 10 PLATED	1	1						
18	1	119305-35150	FILTER, OIL	1	1						
19	1	119225-35300	VALVE ASSY,OIL PRESS	1	1						
27	1	129150-35350	NUT	1	1						
28	1	119260-35081	PIPE, OIL INLET	1	1						
29	1	119209-35030	O-RING, P11	1	1						
30	1	26106-060122	BOLT, M6X 12 PLATED	2	2						
31	1	121252-39450	SWITCH, 0.5KG	1	1						

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

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Fig.10. COOLING WATER SYSTEM

10.COOLING WATER SYSTEM



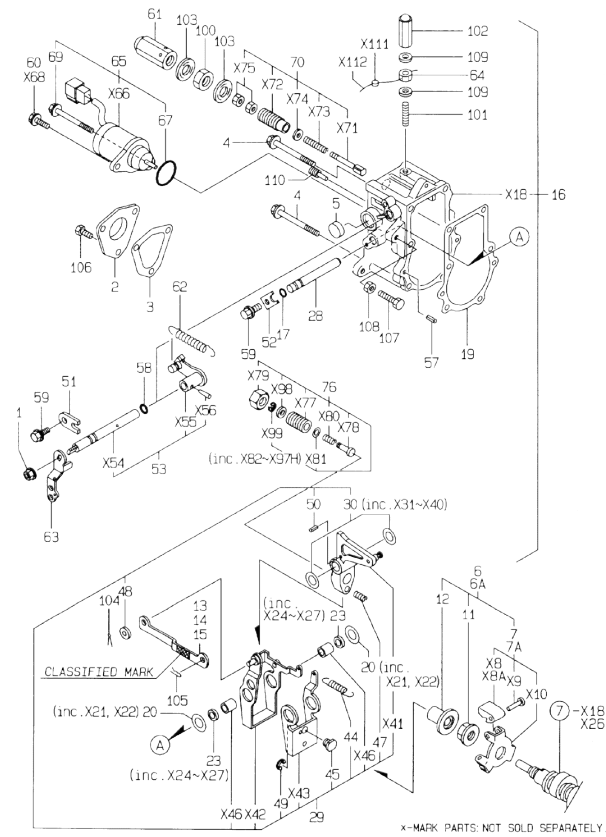
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119265-42002	PUMP ASSY, WATER	1	1						
11	2	24311-000210	O-RING, 1AP21.0	2							
11- 1	2	119209-42320	O-RING, P21 EPDM	2	2					N	
(A=E65899)											
13	1	119260-42020	GASKET, WATER PUMP	1							
13- 1	1	119260-42021	GASKET, WATER PUMP	1	1					N	
(A=E65899)											
14	1	171056-49120	PLUG, DRAIN	1	1						
15	1	26106-080452	BOLT, M8X 45 PLATED	3	3						
16	1	104514-42780	V-BELT, HM33	1	1						
17	1	119620-42350	V-PULLEY	1	1						
18	1	121023-44740	FAN, COOLING	1	1						
19	1	26014-060142	BOLT, M6X 14	4	4						
20	1	129350-49530	COVER, THERMOSTAT	1	1						
21	1	129350-49541	GASKET	1	1						
22	1	129350-49800	THERMOSTAT, 71	1	1						
23	1	26106-080202	BOLT, M8X 20 PLATED	2	2						
24	1	121450-42450	PLUG, M16	1	1						
25	1	121250-44901	SWITCH, 110	1	1						
26	1	124465-44950	GASKET, 16	1	1						
27	1	124465-44950	GASKET, 16	1	1						
28	1	119620-49290	COCK ASSY, 1/4	1	1						
31	1	124450-44510	TANK ASSY, SUB	1	1						
33	2	124450-44530	CAP	1	1						
34	2	124450-44560	RETAINER	1	1						
35	2	23061-070230	PIPE, 7X 230	1	1						
36	1	121256-44600	BRACKET, SUB TANK	1	1						

Fig.11. FUEL INJECTION PUMP

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

Fig.12. GOVERNOR

12. GOVERNOR

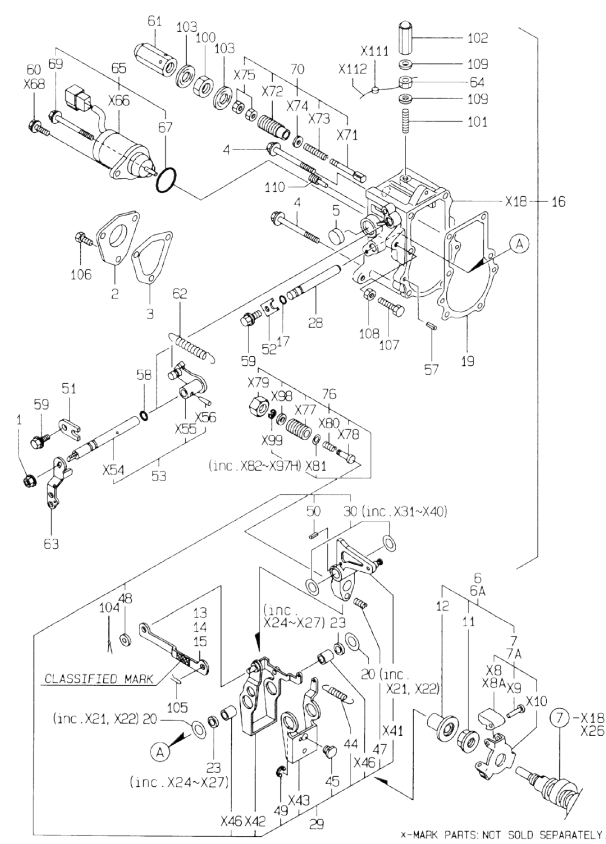


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194990-22050	NUT, M8	1	1						
2	1	119660-61060	COVER, GOVERNOR CASE	1	1						
3	1	119660-61071	GASKET	1	1						
4	1	26106-060702	BOLT, M6X 70 PLATED	5	5						
5	1	119640-61400	PLUG	1							
6	1	119600-61100	DRIVE ASSY	1							
6A	1	119600-61300	DRIVE ASSY		1						
7	2	119600-61200	WEIGHT ASSY,GOVERNOR	1							
7A	2	119600-61400	WEIGHT ASSY,GOVERNOR		1						
11	2	119660-61300	NUT	1	1						
12	2	119660-61341	SLEEVE	1	1						
13	1	119660-61121	LINK, NO MARK	1	1						1
14	1	119660-61140	LINK, MARK :2	1	1						1
15	1	119660-61150	LINK, MARK :3	1	1						1
16	1	119632-61200	CASE ASSY, GOVERNOR	1	1						
17	2	129155-51280	O-RING, S6	1	1						
19	2	119660-61052	GASKET	1	1						
20	2	119660-61460	SHIM SET	1	1						
23	2	129155-61480	SPACER ASSY	2	2						
28	2	119660-61491	SHAFT	1							
28-1	2	119660-61590	SHAFT	1	1						N
(A=E65051)											
29	2	119232-61510	LEVER ASSY, GOVERNOR	1	1						
30	3	174307-51700	SHIM SET	2	2						
44	3	119232-61540	SPRING	1	1						
45	3	119600-61541	SHIFTER	1	1						
47	3	119660-61651	SPRING, STARTING	1	1						
48	3	22117-040000	WASHER, 4	1	1						
49	3	22272-000040	RING, E- 4	1	1						
50	3	22351-030014	PIN, SPRING 3.0X14	1	1						
51	2	119600-61900	RETAINER, SHAFT	1	1						
52	2	119660-61901	RETAINER, SHAFT	1	1						
53	2	119285-66080	SHAFT ASSY	1	1						
57	2	22351-040010	PIN, SPRING 4.0X10	2	2						
58	2	24341-000070	O-RING, 1AS7.0	1	1						
59	2	26106-060102	BOLT, M6X 10 PLATED	2	2						
60	1	121465-59950	BOLT, M6X16	1	1						
61	1	26687-120002	NUT, CAP M12	1	1						
62	1	119600-66020	SPRING, REGULATOR	1	1						
63	1	119621-66051	LEVER, REGULATOR	1	1						
64	1	124550-66370	NUT, M6	1	1						
65	1	119653-66500	STOPPER ASSY	1	1						
67	2	24341-000280	O-RING, 1AS28.0	1	1						
69	2	26106-060952	BOLT, M6X 95 PLATED	1	1						
70	1	119600-66530	LIMITER ASSY, FUEL	1	1						
76	1	119654-66700	ANGLEICH ASSY	1	1						
100	1	26776-120002	NUT, LOCK M12	1	1						
101	1	121575-66830	SCREW	1	1						
102	1	119600-66840	NUT, CAP	1	1						
103	1	22190-120002	WASHER, SEAL 12	2	2						
104	1	22360-040000	PIN, SNAP 4	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.12. GOVERNOR

12. GOVERNOR



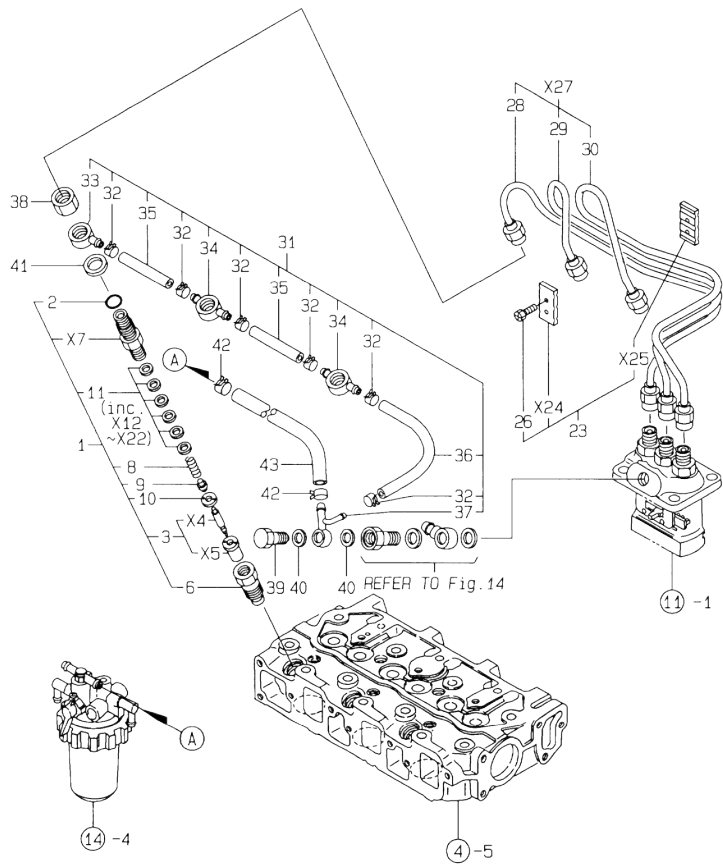
Remarks
(1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER(REFER TO ILLUSTRATION)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
105	1	22360-060000	PIN, SNAP 6	1	1						
106	1	26116-050102	BOLT, M5X 10 PLATED	3	3						
107	1	26116-060304	BOLT, M6X 30 PLATED	1	1						
108	1	26756-060002	NUT, LOCK M6	1	1						
109	1	22190-060003	SEAL WASHER 6	2	2						
110	1	124250-03640	SCREW	1	1						

OCV10-M68001

Fig.13. FUEL INJECTION VALVE

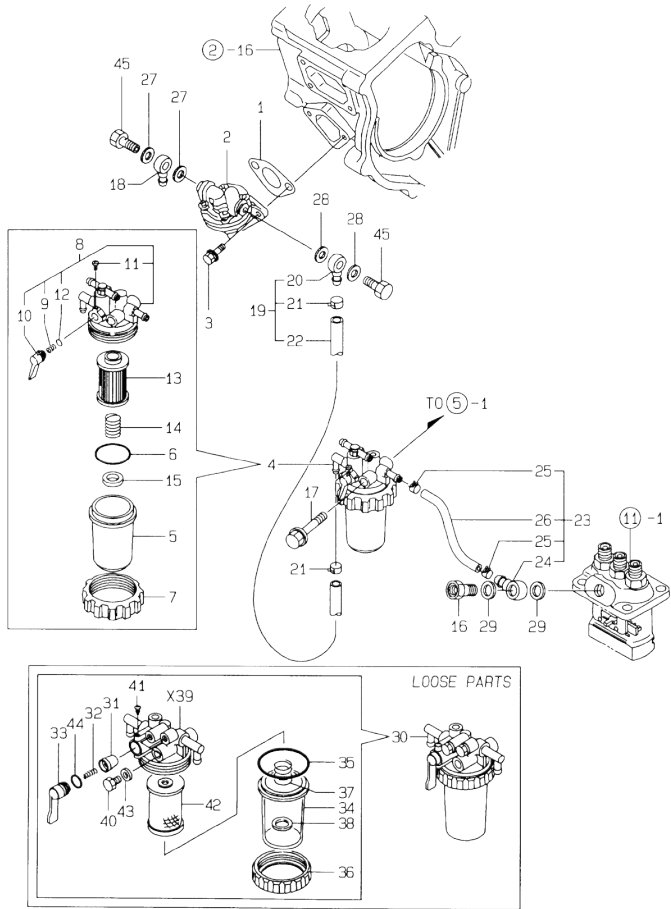
13.FUEL INJECTION VALVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719620-53700	VALVE ASSY,INJECTION	3	3						
2	2	129155-61830	O-RING, S10	3	3						
3	2	119620-53000	VALVE ASSY,INJECTION	3	3						
6	2	119620-53080	NUT, NOZZLE	3	3						
8	2	119620-53120	SPRING, NOZZLE	3	3						
9	2	114250-53130	SEAT, SPRING	3	3						
10	2	119620-53140	SPACER, VALVE STOP	3	3						
11	2	114250-53400	SHIM SET	3	3						
23	1	129150-59120	RETAINER, PIPE	1	1						
26	2	129150-59131	BOLT, M4X14	2	2						
28	2	119209-59810	PIPE ASSY, INJECTION	1	1						
29	2	119209-59820	PIPE ASSY, INJECTION	1	1						
30	2	119209-59830	PIPE ASSY, INJECTION	1	1						
31	1	119249-59540	PIPE ASSY, RETURN	1	1						
32	2	124066-59100	CLIP, HOSE 8	6	6						
33	2	119260-59520	JOINT	1	1						
34	2	119260-59530	JOINT	2	2						
35	2	119260-59550	PIPE, FUEL	2	2						
36	2	119642-59550	PIPE, FUEL RETURN	1	1						
37	2	119642-59570	JOINT, OVER FLOW	1	1						
38	1	119620-59700	NUT, NOZZLE	3	3						
39	1	124550-59820	BOLT, PIPE JOINT M8	1	1						
40	1	22190-080002	WASHER, SEAL 6	2	2						
41	1	22190-140002	WASHER, SEAL 14	3	3						
42	1	124766-59050	CLIP, HOSE 12	2	2						
43	1	119225-59560	PIPE, FUEL	1	1						

Fig.14. FUEL LINE

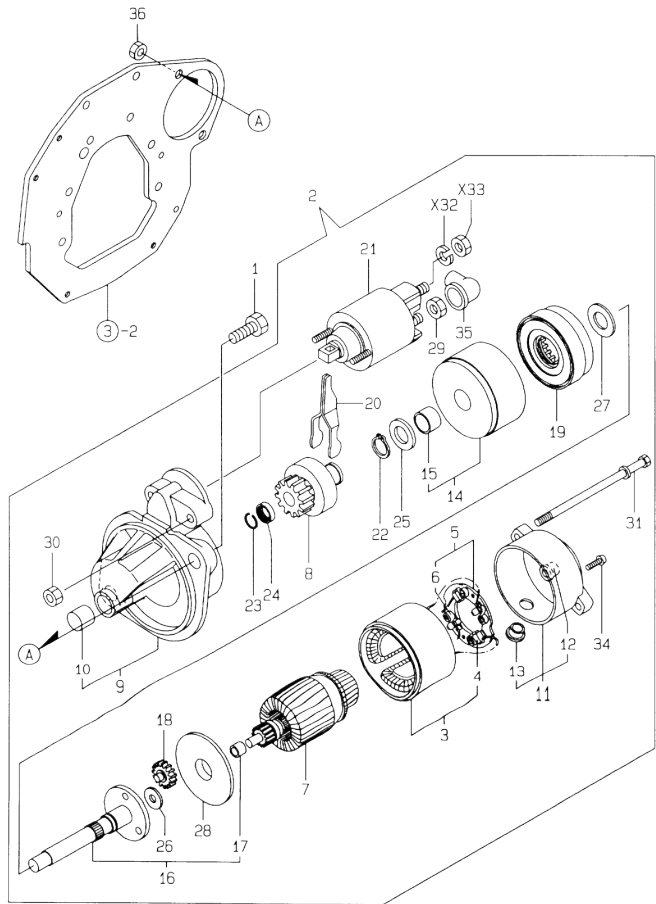
14.FUEL LINE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121520-01851	GASKET	1	1						
2	1	119600-52021	PUMP ASSY, FUEL FEED	1	1						
3	1	26106-060162	BOLT, M6X 16 PLATED	2	2						
4	1	119258-55622	FILTER ASSY, FUEL	1	1						
5	2	121254-55510	COVER	1	1						
6	2	102103-55520	O-RING	1	1						
7	2	110250-55610	RING, RETAINING	1	1						
8	2	119258-55610	BODY ASSY, FILTER	1	1						
9	3	104200-55330	SPRING, VALVE	1	1						
10	3	119810-55340	LEVER	1	1						
11	3	104200-55750	SCREW, M4	1	1						
12	3	24311-240100	O-RING, 1AP10A	1	1						
13	2	104500-55710	ELEMENT	1	1						
14	2	121257-55720	SPRING	1	1						
15	2	121257-55731	FLOAT	1	1						
16	1	119650-59200	BOLT, PIPE JOINT M12	1	1						
17	1	26014-080702	BOLT, M8X 70	1	1						
18	1	104264-59030	JOINT, PIPE 8	1	1						
19	1	119244-59020	PIPE ASSY, FUEL	1	1						
20	2	104264-59030	JOINT, PIPE 8	1	1						
21	2	124766-59050	CLIP, HOSE 12	2	2						
22	2	121522-59100	PIPE, FUEL D12X500	1	1						
23	1	119260-59031	PIPE, FUEL	1	1						
24	2	101304-59020	JOINT, PIPE 12	1	1						
25	2	124766-59050	CLIP, HOSE 12	2	2						
26	2	124767-59080	PIPE, FUEL	1	1						
27	1	22190-080002	WASHER, SEAL 6	2	2						
28	1	22190-080002	WASHER, SEAL 6	2	2						
29	1	22190-120002	WASHER, SEAL 12	2	2						
30	1	129335-55700	SEPARATOR ASSY, WATER	1	1						
31	2	104200-55321	VALVE, TAPER	1	1						
32	2	104200-55330	SPRING, VALVE	1	1						
33	2	104200-55341	HANDLE	1	1						
34	2	124064-55510	COVER	1	1						
35	2	102103-55520	O-RING	1	1						
36	2	110250-55610	RING, RETAINING	1	1						
37	2	121257-55720	SPRING	1	1						
38	2	121257-55731	FLOAT	1	1						
40	2	101720-55750	PLUG, 6	2	2						
41	2	104200-55750	SCREW, M4	1	1						
42	2	171081-55910	SCREEN	1	1						
43	2	23418-060000	GASKET, 6X1.0	2	2						
44	2	24311-240100	O-RING, 1AP10A	1	1						
45	1	105582-59150	BOLT, PIPE JOINT	2	2						

Fig.15. STARTING MOTOR

15. STARTING MOTOR

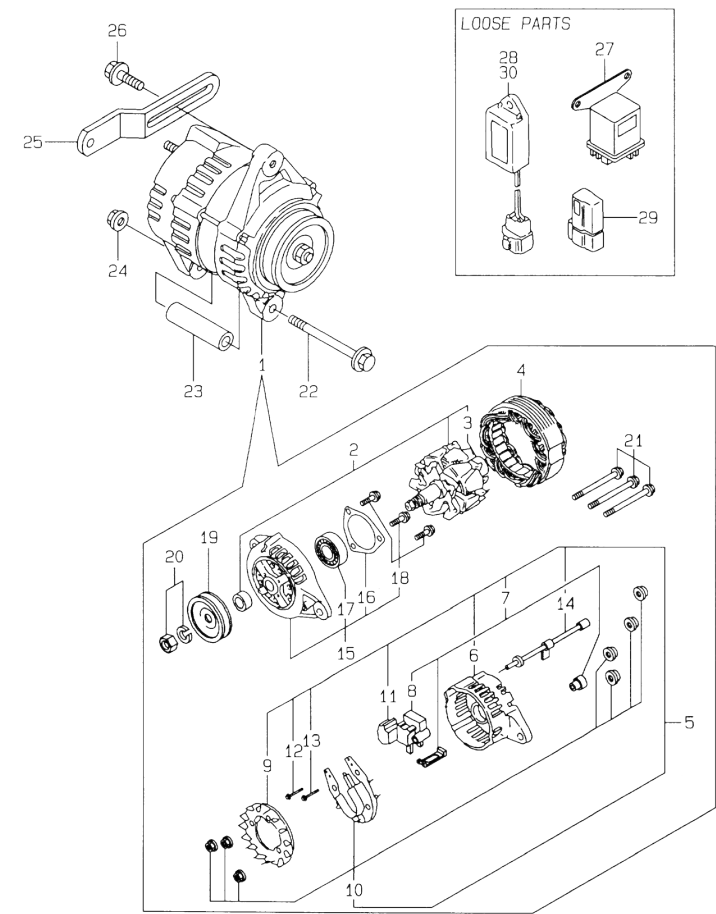


X-MARK PARTS: NOT SOLD SEPARATELY.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26156-120302	BOLT, M12X 30 PLATED	2	2						
2	1	119255-77010	STARTER	1	1						
3	2	X0281007680	YOKE ASSY	1	1						
4	3	X0280996180	STARTER KIT	2	2						
5	2	X0285105190	HOLDER ASSY	1	1						
6	3	X0285205030	SPRING	4	4						
7	2	X0282005871	ARMATURE ASSY	1	1						
8	2	X0283006960	CLUTCH ASSY	1	1						
9	2	X5128400875	HOUSING ASSY	1	1						
10	3	X9491050100	BEARING, NEEDLE	1	1						
11	2	X0285005770	FRAME ASSY	1	1						
12	3	X9491040990	BEARING	1	1						
13	3	X0280626010	COVER	1	1						
14	2	X0284105010	BEARING ASSY	1	1						
15	3	X9491034330	BEARING	1	1						
16	2	X0286105010	SHAFT ASSY	1	1						
17	3	X9491034320	BEARING	1	1						
18	2	X0286305010	GEAR	3	3						
19	2	X0286355010	GEAR	1	1						
20	2	X0287405140	LEVER	1	1						
21	2	X0534007800	SWITCH ASSY	1	1						
22	2	X9055715000	RING	1	1						
23	2	X9490721360	RING	1	1						
24	2	X0280210331	NUT	1	1						
25	2	X9490138110	WASHER	1	1						
26	2	X9490138090	WASHER	1	1						
27	2	X9490138100	WASHER	1	1						
28	2	X0284525010	PLATE	1	1						
29	2	X9490562360	NUT	1	1						
30	2	X9490560750	NUT	2	2						
31	2	X9490423520	BOLT, THROUGH	2	2						
34	2	X9490065670	SCREW, M4X6	2	2						
35	2	X0280335100	COVER, TERMINAL	1	1						
36	1	26736-120002	NUT, M12	2	2						

Fig.16. GENERATOR

16. GENERATOR

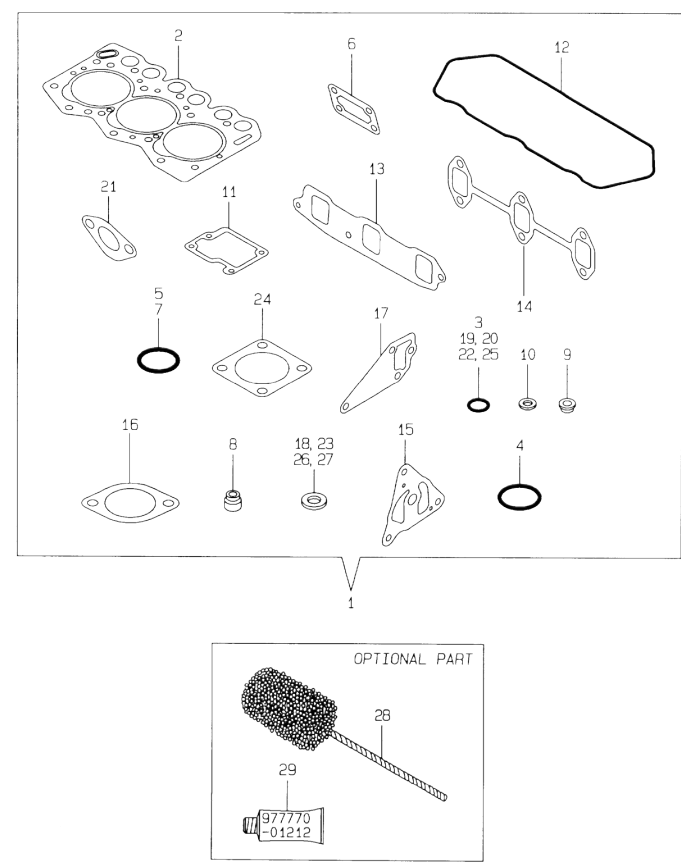


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119836-77200	GENERATOR	1	1						
2	2	119836-77700	ROTOR ASSY	1	1						
3	3	119836-77850	BALL BEARING	1	1						
4	2	119836-77710	STATOR ASSY	1	1						
5	2	119836-77721	COVER ASSY, REAR	1	1						
6	3	119836-77730	COVER, REAR	1	1						
7	3	119836-77741	BRUSH ASSY,REGULATOR	1	1						
8	4	119836-77750	BRUSH ASSY	1	1						
9	3	119836-77760	GUIDE, FAN SIDE	1	1						
10	3	119836-77770	DIODE ASSY	1	1						
11	3	119836-77780	CONDENSER	1	1						
12	3	119836-77871	BOLT (1)	1	1						
13	3	119836-77880	BOLT (2)	1	1						
14	3	119836-77890	WIRE ASSY, LEAD	1	1						
15	2	119836-77790	COVER ASSY, FRONT	1	1						
16	3	119836-77800	RETAINER, BEARING	1	1						
17	3	119836-77840	BALL BEARING	1	1						
18	3	119836-77860	SCREW KID	1	1						
19	2	119836-77810	PULLEY	1	1						
20	2	119836-77820	NUT ASSY, PULLEY	1	1						
21	2	119836-77830	BOLT, THROUGH	1	1						
22	1	26106-081052	BOLT, M8X105 PLATED	1	1						
23	1	129150-77340	SPACER	1	1						
24	1	26366-080002	NUT, M8	1	1						
25	1	119225-77330	ADJUSTER	1	1						
26	1	26106-080182	BOLT, M8X 18 PLATED	1	1						
27	1	119650-77910	RELAY ASSY, GLOW	1	1						
28	1	119632-77920	TIMER	1							
28-1	1	129211-77920	TIMER	1	1						N
(A="2000.10)											
29	1	119643-66900	DIODE	2	2						
30	1	128300-77920	TIMER	1	1						

OCV10-M68001

Fig.17. GASKET SET

17.GASKET SET



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719265-92720	GASKET SET	1	1						1
2	2	119265-01341	GASKET, HEAD	1	1						
3	2	24311-000120	O-RING, 1AP12.0	2	2						
4	2	24311-000320	O-RING, 1AP32.0	4	4						
5	2	24341-000240	O-RING, 1AS24.0	1	1						
6	2	119660-01562	GASKET	1	1						
7	2	24311-000180	O-RING, 1AP18.0	1	1						
8	2	119260-11340	SEAL, VALVE STEM	6	6						
9	2	119600-11450	PROTECTOR, NOZZLE	3	3						
10	2	119600-11460	GASKET, NOZZLE	6	6						
11	2	119260-03031	GASKET	1	1						
12	2	119260-11310	GASKET, BONNET	1	1						
13	2	119270-12110	GASKET, MANIFOLD	1	1						
14	2	119260-13110	GASKET	1	1						
15	2	119660-32020	GASKET, PUMP	1	1						
16	2	129350-49541	GASKET	1	1						
17	2	119260-42020	GASKET, WATER PUMP	1	1						
17- 1	2	119260-42021	GASKET, WATER PUMP	1	1						N
(A=E65899)											
18	2	124465-44950	GASKET, 16	2	2						
19	2	129155-61830	O-RING, S10	3	3						
20	2	119624-32040	O-RING, P12.0	2	2						
21	2	121520-01851	GASKET	1	1						
22	2	24311-240100	O-RING, 1AP10A	1	1						
23	2	22190-080002	WASHER, SEAL 6	4	4						
24	2	124701-11911	GASKET, SILENCER	1	1						
25	2	119209-35030	O-RING, P11	1	1						
26	2	22190-140002	WASHER, SEAL 14	3	3						
27	2	22190-120002	WASHER, SEAL 12	2	2						
28	1	129400-92400	FLEX HORN	1	1						1
29	1	977770-01212	GASKET, LIQUID	1	1						1

Remarks

(1) OPTIONAL PART.

N:Old $\xrightarrow{\text{YES}} \text{New}$, O:Old $\xrightarrow{\text{NO}} \text{New}$, R:Old $\xrightarrow{\text{YES}} \text{New}$, S:Old $\xrightarrow{\text{NO}} \text{New}$, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	14	24
101720-55750	14	40
102103-55520	14	6
		35
104200-55321	14	31
104200-55330	14	9
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104200-55341	14	33
104200-55750	14	11
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104264-59030	14	18
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105546-51330	11	24
105582-59150	14	45
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114250-11120	4	16
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114250-53400	13	11
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119225-35300	9	19
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119225-77330	16	25
119232-61510	12	29
119232-61540	12	44
119233-21691	8	7
119244-59020	14	19
119249-59540	13	31
119253-13100	6	1
119255-77010	15	2
119258-55610	14	8
119258-55622	14	4
119260-01490	2	16

Parts No.	Fig. No.	Ref. No.
119260-01510	2	18
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119260-01770	3	10
119260-02020	1	5
119260-02800	1	14
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119260-03031	4	48
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119265-22300	8	22
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119266-51900	11	47
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119600-11460	4	23
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119600-61400	12	7 A
119600-61541	12	45
119600-61900	12	51
119600-66020	12	62
119600-66530	12	70
119600-66840	12	102
119620-01620	3	4
119620-01800	2	3
119620-02450	7	4
119620-11350	4	41
119620-21500	8	10
119620-21941	8	9
119620-25912	7	12
119620-34822	9	15
119620-42350	10	17
119620-49290	10	28
119620-51170	11	6
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