

0CV10-M53100EN

P R E F A C E

1. This Parts Catalog carries all parts incorporated in YANMAR Model 2TNE68C - K G2 engine manufactured since July, 1997.
2. Each illustration corresponds to the parts list on the following page.
3. When ordering parts, clearly write down the engine model and serial number, as well as the name and number of each part in your order sheet. This will help insure reliable delivery of the parts you have ordered.

Directions for the Parts Catalog.

- 1.This Parts Catalog shows both standard and optional 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)	
1	1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1		1
1-1	1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1		N
		(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 Symbol

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 $\xrightarrow{\text{No}}$	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\xrightarrow{\text{No}}$ New Yes $\xrightarrow{\text{Yes}}$	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\xrightarrow{\text{Yes}}$ New Yes $\xrightarrow{\text{Yes}}$	New/ Old Parts are both interchangeable.
S	Old $\xrightarrow{\text{No}}$ New No $\xrightarrow{\text{No}}$	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

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.

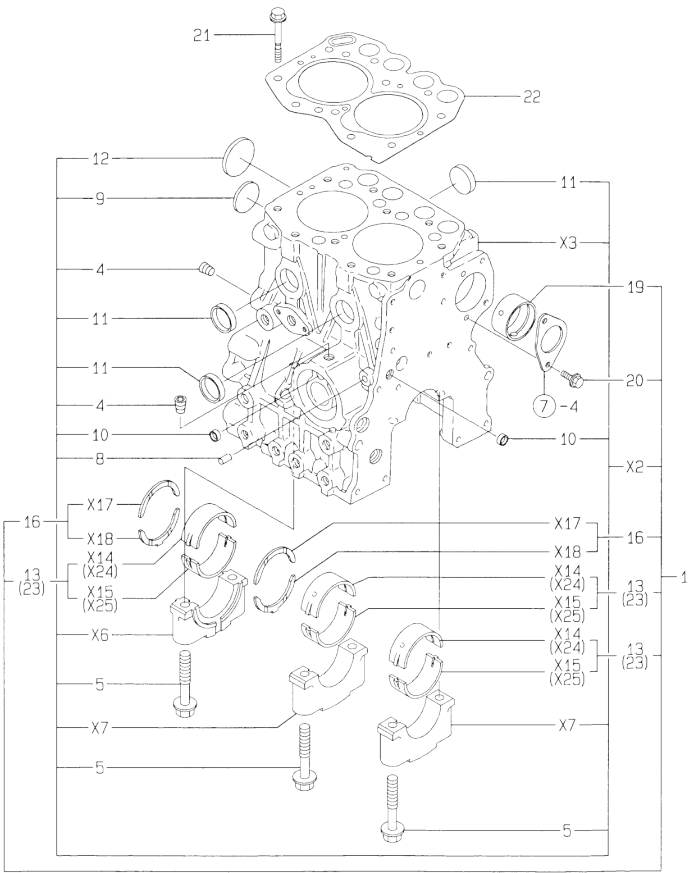
Contents

Fig. No.	Fig. Name	Fig. No.	Fig. Name
2TNE68C-KG2			
1.	CYLINDER BLOCK		
2.	GEAR HOUSING		
3.	FLYWHEEL HOUSING &LUB.OIL SUMP		
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		

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Fig.1. CYLINDER BLOCK

1. CYLINDER BLOCK



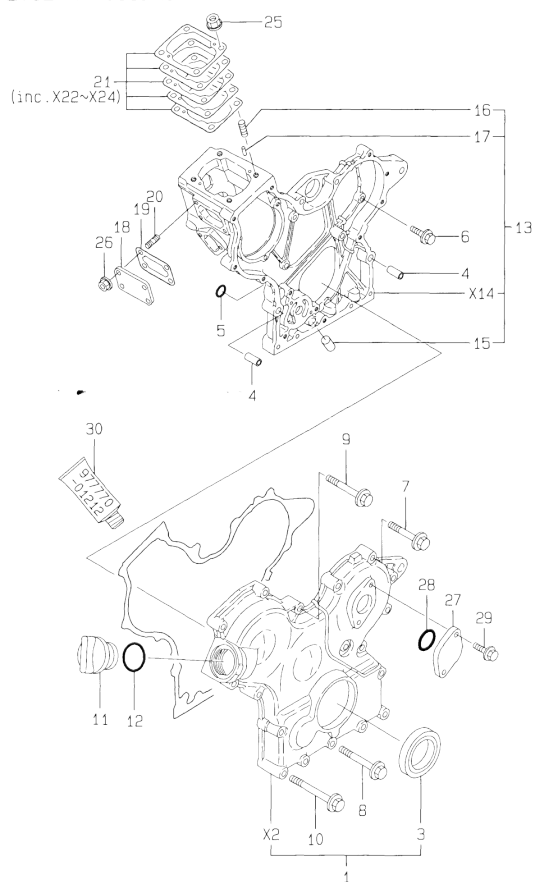
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719325-01560	BLOCK ASSY, CYLINDER	1							
4	3	124060-01050	PLUG, PT1/8	2							
5	3	119260-02020	BOLT, METAL CAP	6							
8	3	27221-060100	PLUG, 6X10	1							
9	3	27231-400000	PLUG 40	1							
10	3	27241-100000	PLUG, 10	2							
11	3	27241-250000	PLUG, 25	3							
12	3	27241-300000	PLUG 30	1							
13	2	119260-02800	BEARING, MAIN	3							
16	2	119260-02930	BEARING, THRUST	2							
19	2	119266-02410	BUSH	1							
20	2	26106-060122	BOLT, M6X 12 PLATED	2							
21	1	119260-01200	BOLT, HEAD	10							
22	1	119309-01330	GASKET, CYL. HEAD	1							
23	1	719260-02870	BEARING, 0.25 US	3							1

Remarks

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

N:Old $\frac{YHS}{100}$ New, Q:Old $\frac{H10}{100}$ New, R:Old $\frac{YHS}{100}$ New, S:Old $\frac{H10}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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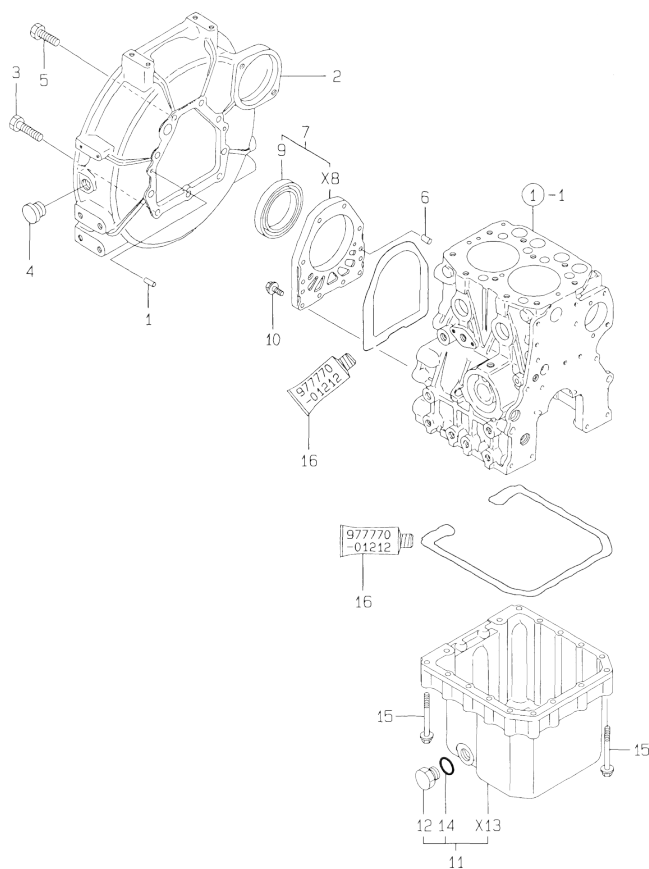
2. GEAR HOUSING

Remarks
(1) OPTIONAL PART.

				(A)=2TNE68C-KG2						(D)=			
				(B)=						(E)=			
				(C)=						(F)=			
No.	Lev.	Parts No.	Description	Qty								I	R
				(A)	(B)	(C)	(D)	(E)	(F)				
1	1	119260-01590	COVER ASSY,GEAR CASE	1									
3	2	119620-01800	SEAL, OIL	1									
4	1	119660-01911	PIPE, KNOCK	4									
5	1	24311-000120	O-RING, 1AP12.0	2									
6	1	26106-060162	BOLT, M6X 16 PLATED	5									
7	1	26106-060302	BOLT, M6X 30 PLATED	5									
8	1	26106-060402	BOLT, M6X 40 PLATED	3									
9	1	26106-060502	BOLT, M6X 50 PLATED	4									
10	1	26106-060652	BOLT, M6X 65 PLATED	6									
11	1	124160-01751	COVER, FILLER	1									
12	1	24311-000320	O-RING, 1AP32.0	1									
13	1	119305-01490	CASE ASSY, GEAR	1									
15	2	119260-01510	PLUG	1									
16	2	121450-01560	STUD, M8X22	4									
17	2	22351-040010	PIN, SPRING 4.0X10	2									
18	1	119660-01551	COVER	1									
19	1	119660-01562	GASKET	1									
20	1	119660-01570	STUD, M6X12	4									
21	1	119305-01950	SHIM SET, ADJUSTING	1									
25	1	194990-22050	NUT, M8	4									
26	1	26366-060002	NUT, M6	4									
27	1	121023-01550	COVER	1									
28	1	24341-000240	O-RING, 1AS24.0	1									
29	1	26106-060182	BOLT, M6X 18 PLATED	2									
30	1	977770-01212	GASKET, LIQUID	1							1		

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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3.FLYWHEEL HOUSING & LUB.OIL SUMP

Remarks
(1) OPTIONAL PART.

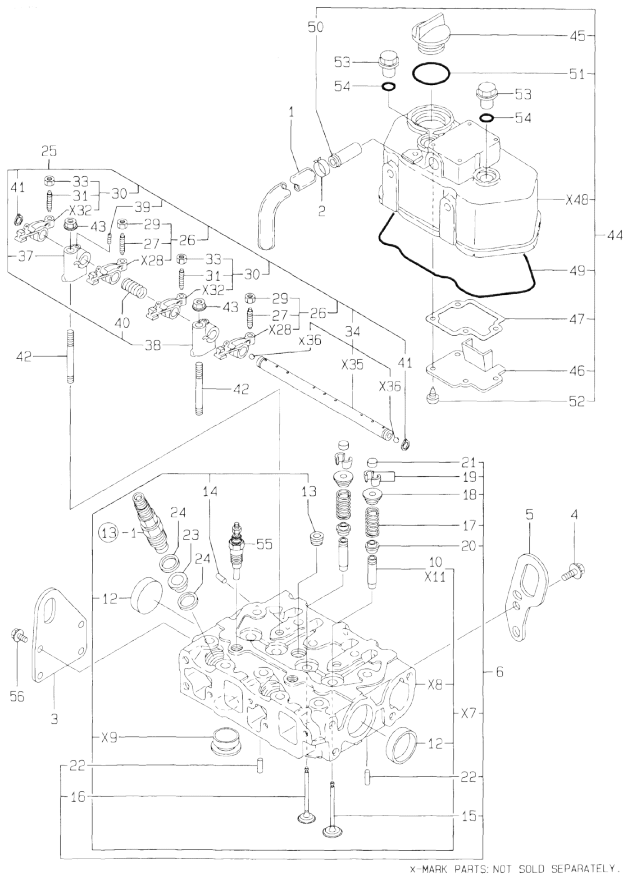
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2							
2	1	119600-01600	HOUSING, FLYWHEEL	1							
3	1	121120-01620	BOLT, M10X28	3							
4	1	119620-01750	CAP	1							
5	1	26206-100252	BOLT, M10X 25 PLATED	6							
6	1	119620-01620	PIN, M6X10	2							
7	1	119660-01640	CASE ASSY, OIL SEAL	1							
9	2	124085-02220	SEAL, OIL	1							
10	1	26106-060222	BOLT, M6X 22 PLATED	10							
11	1	119325-01770	SUMP ASSY, OIL	1							
12	2	121400-01640	PLUG, 16	1							
14	2	24311-000180	O-RING, 1AP18.0	1							
15	1	26106-060452	BOLT, M6X 45 PLATED	16							
16	1	977770-01212	GASKET, LIQUID	1							1

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.4. CYLINDER HEAD & BONNET

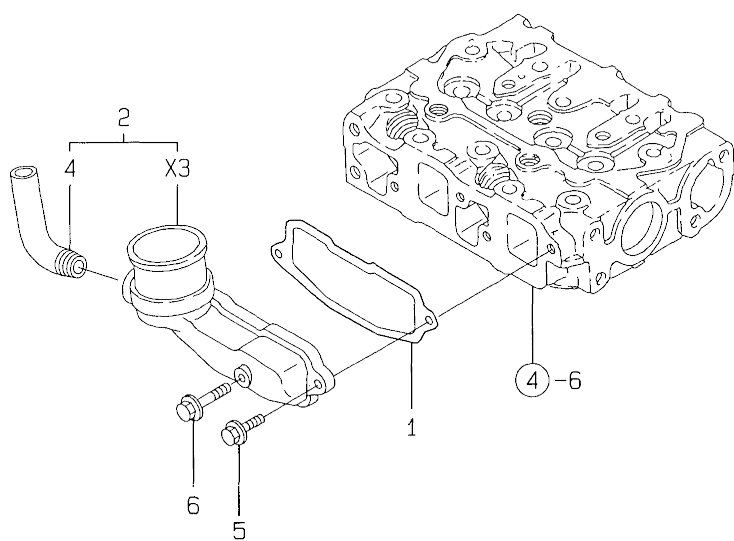
4. CYLINDER HEAD & BONNET



Remarks
(1) REPAIR PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119285-03140	PIPE, BREATHER	1							
2	1	171008-03990	CLIP, HOSE 18.5	2							
3	1	119632-07900	LIFTER	1							
4	1	26106-080142	BOLT, M8X 14 PLATED	2							
5	1	119685-07900	LIFTER	1							
6	1	719325-11700	HEAD ASSY, CYLINDER	1							
10	3	119260-11800	GUIDE, VALVE	4							1
12	3	27241-350000	PLUG, 35	2							
13	3	23871-020000	PLUG, R02	1							
14	3	27221-050080	PLUG, 5X 8	1							
15	2	119260-11100	VALVE, INTAKE	2							
16	2	119260-11110	VALVE, EXHAUST	2							
17	2	114250-11120	SPRING, VALVE	4							
18	2	114250-11180	RETAINER, SPRING	4							
19	2	27310-055000	COTTER	8							
20	2	119260-11340	SEAL, VALVE STEM	4							
21	2	119260-11370	CAP, VALVE	4							
22	2	22351-060012	PIN, SPRING 6.0X12	2							
23	1	119600-11450	PROTECTOR, NOZZLE	2							
24	1	119600-11460	GASKET, NOZZLE	4							
25	1	119305-11200	SUPPORT ASSY, ARM	1							
26	2	719260-11650	ARM ASSY, ROCKER	2							
27	3	105010-11230	SCREW, VALVE ADJUST	2							
29	3	26756-060002	NUT, LOCK M6	2							
30	2	719260-11660	ARM ASSY, ROCKER	2							
31	3	105010-11230	SCREW, VALVE ADJUST	2							
33	3	26756-060002	NUT, LOCK M6	2							
34	2	119305-11240	SHAFT ASSY, ROCKER	1							
37	2	119260-11260	SUPPORT, ROCKER ARM	1							
38	2	119265-11260	SUPPORT, ROCKER ARM	1							
39	2	119260-11270	SCREW	1							
40	2	119260-11280	SPRING	1							
41	2	22242-000100	RING, 10	2							
42	1	119620-11350	STUD	2							
43	1	26366-080002	NUT, M8	2							
44	1	119305-11350	BONNET ASSY, HEAD	1							
45	2	124160-01751	COVER, FILLER	1							
46	2	119305-03020	PLATE, SHELTER	1							
47	2	119305-03031	GASKET	1							
49	2	119305-11310	GASKET, BONNET	1							
50	2	119620-11390	JOINT	1							
51	2	24311-000320	O-RING, 1AP32.0	1							
52	2	22857-500100	SCREW, 5X10	4							
53	1	124160-11360	KNOB	2							
54	1	24311-000120	O-RING, 1AP12.0	2							
55	1	129155-77801	PLUG, GLOW	2							
56	1	26106-060122	BOLT, M6X 12 PLATED	4							

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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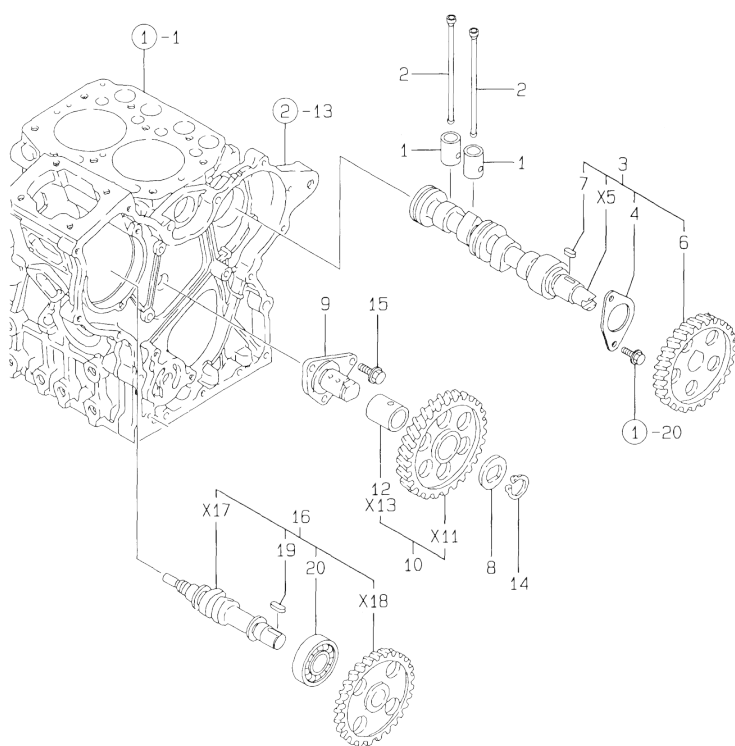


This diagram shows an exploded view of a cylinder head assembly. The main component is the cylinder head (1), which is shown with its internal valves and springs. The assembly includes several gaskets (2, 3, 4, 5, 6) and a cover plate (7). The gaskets are shown in their respective positions relative to the cylinder head and the cover plate. The cover plate (7) is shown with four mounting holes. The gaskets (2, 3, 4, 5, 6) are shown in their respective positions relative to the cylinder head and the cover plate. The gasket (2) is shown between the cylinder head and the cover plate. The gasket (3) is shown between the cylinder head and the cover plate. The gasket (4) is shown between the cylinder head and the cover plate. The gasket (5) is shown between the cylinder head and the cover plate. The gasket (6) is shown between the cylinder head and the cover plate. The cover plate (7) is shown with four mounting holes. The gaskets (2, 3, 4, 5, 6) are shown in their respective positions relative to the cylinder head and the cover plate.

				(A)=2TNE68C-KG2	(D)=				I	R
				(B)=	(E)=					
				(C)=	(F)=					
No.	Lev.	Parts No.	Description	Qty						
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	119305-13100	MANIFOLD, EXHAUST	1						
2	1	119305-13110	GASKET	1						
3	1	26106-060402	BOLT, M6X 40 PLATED	2						
4	1	26216-060402	STUD, M6X 40	2						
5	1	26216-080222	STUD, M8X 22	4						
6	1	26366-060002	NUT, M6	2						
7	1	121000-13201	GASKET, SILENCER	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

7. CAMSHAFT & DRIVING GEAR



Remarks
(1) REPAIR PART.

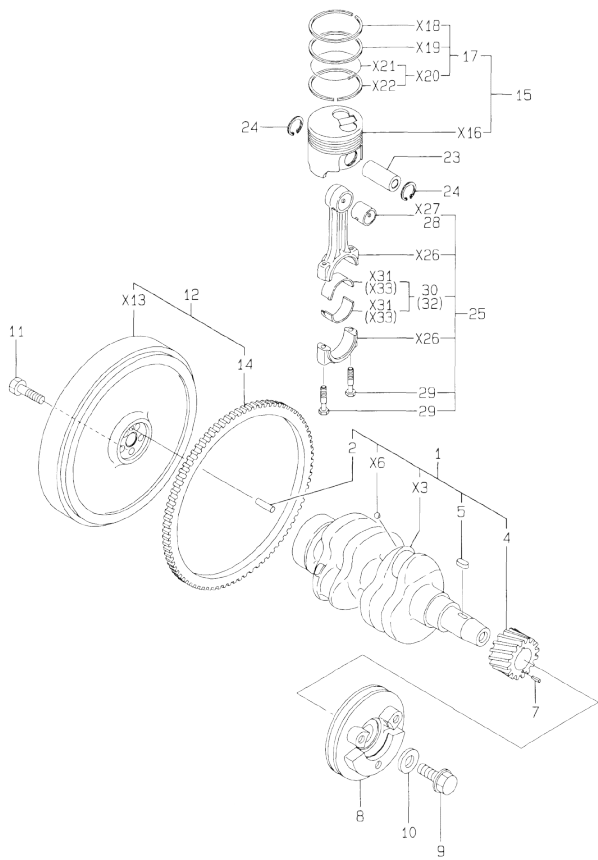
No.	Lev.	Parts No.	Description	(A)=2TNE68C-KG2			(D)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-14200	TAPPET	4							
2	1	119260-14400	ROD, PUSH	4							
3	1	119305-14580	CAMSHAFT ASSY	1							
4	2	119620-02450	BEARING, THRUST	1							
6	2	119260-14100	GEAR, CAMSHAFT	1							
7	2	22512-040120	KEY, 4X 12	1							
8	1	119660-25022	RETAINER	1							
9	1	119660-25052	SHAFT, IDLE	1							
10	1	119260-25100	GEAR ASSY, IDLE	1							
12	2	119620-25912	BUSH	1							1
14	1	22242-000200	RING, 20	1							
15	1	26106-060122	BOLT, M6X 12 PLATED	3							
16	1	119305-14200	CAM ASSY	1							
19	2	22512-040120	KEY, 4X 12	1							
20	2	24102-063034	BEARING, BALL 6303U	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.8. CRANKSHAFT & PISTON

8.CRANKSHAFT & PISTON



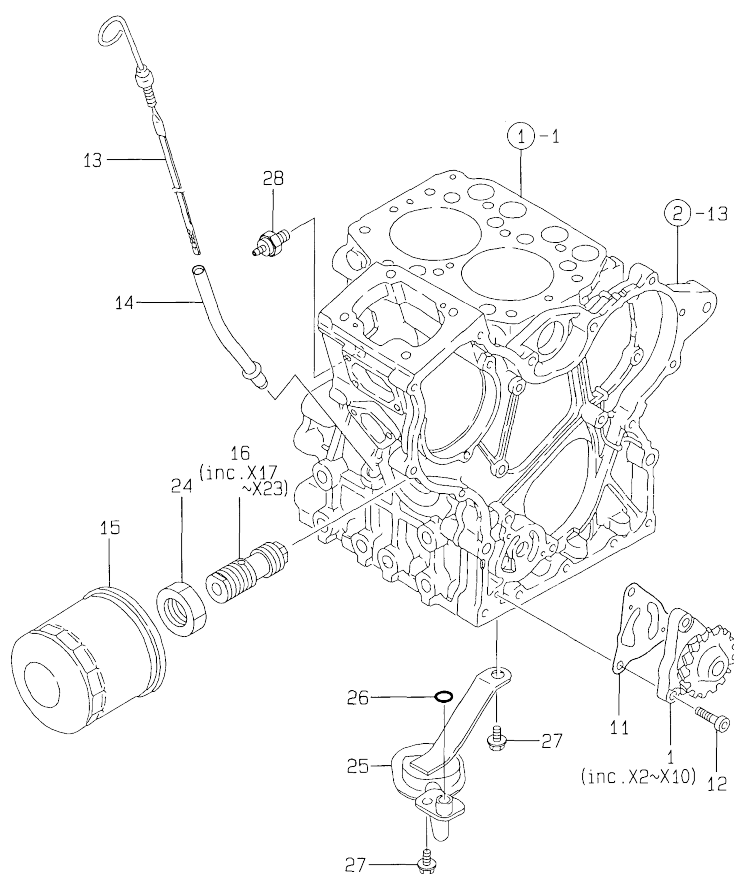
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119309-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
4	2	119260-21200	GEAR, CRANKSHAFT	1							
5	2	22512-040120	KEY, 4X 12	1							
7	1	22351-030010	PIN, SPRING 3.0X10	1							
8	1	119325-21670	V-PULLEY	1							
9	1	119621-21680	BOLT, FLANGE 12X1.25	1							
10	1	119620-21941	WASHER	1							
11	1	121111-21501	BOLT, FLYWHEEL	5							
12	1	119325-21571	FLYWHEEL ASSY	1							
14	2	119865-21600	GEAR, RING	1							
15	1	119265-22601	PISTON ASSY	2							
17	2	119265-22500	RING SET, PISTON	2							
23	1	119265-22300	PIN, PISTON	2							
24	1	22252-000200	RING, 20	4							
25	1	119265-23100	ROD ASSY, CONNECTING	2							
28	2	119260-23910	BEARING, PISTON PIN	2							1
29	2	119265-23200	BOLT, CONNECTING ROD	4							
30	2	719260-23600	BEARING, CRANK PIN	2							
32	1	719260-23610	BEARING ASSY, 0.25	2							2

Remarks

- (1) REPAIR PART.
(2) UNDER-SIZE(U.S=0.25)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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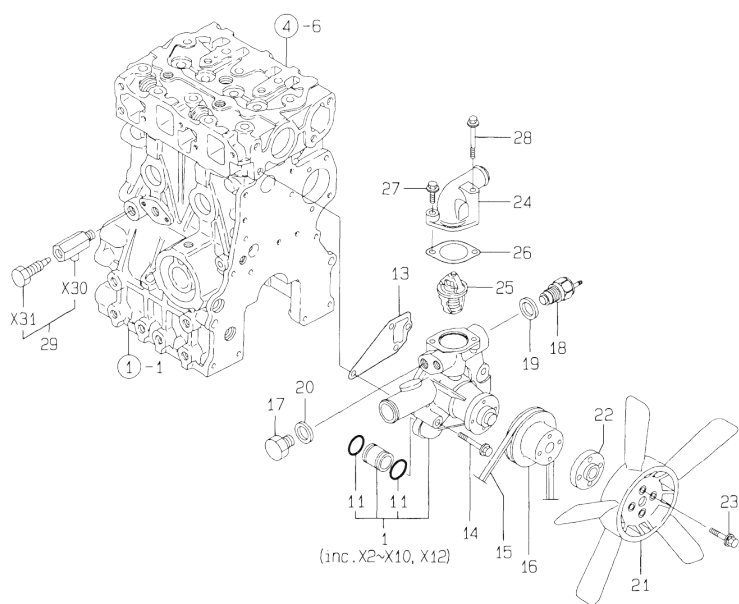
9. LUB. OIL SYSTEM



No.	Lev.	Parts No.	Description	(A)=2TNE68C-KG2			(D)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-32000	PUMP ASSY, OIL	1							
11	1	119660-32020	GASKET, PUMP	1							
12	1	26450-060202	BOLT, M6X 20	3							
13	1	119325-34800	DIPSTICK, OIL	1							
14	1	119325-34890	GUIDE, DIPSTICK	1							
15	1	119305-35150	FILTER, OIL	1							
16	1	119225-35300	VALVE ASSY,OIL PRESS	1							
24	1	129150-35350	NUT	1							
25	1	119325-35080	PIPE ASSY, OIL INLET	1							
26	1	119209-35030	O-RING, P11	1							
27	1	26106-060122	BOLT, M6X 12 PLATED	2							
28	1	121252-39450	SWITCH, 0.5KG	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

10. COOLING WATER SYSTEM

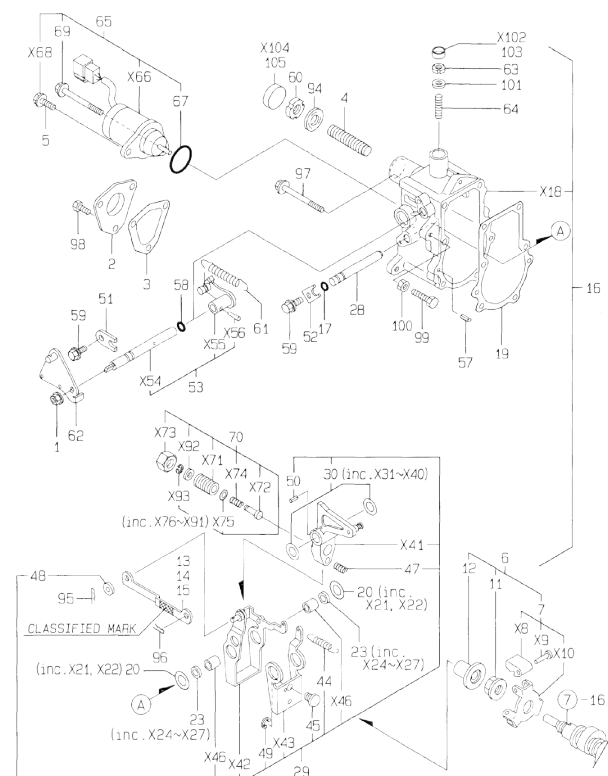


No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119265-42002	PUMP ASSY, WATER	1							
11	2	24311-000210	O-RING, 1AP21.0	2							
13	1	119260-42020	GASKET, WATER PUMP	1							
14	1	26106-080452	BOLT, M8X 45 PLATED	3							
15	1	119256-42290	V-BELT, FM33.5	1							
16	1	119620-42350	V-PULLEY	1							
17	1	121450-42450	PLUG, M16	1							
18	1	121250-44901	SWITCH, 110	1							
19	1	124465-44950	GASKET, 16	1							
20	1	124465-44950	GASKET, 16	1							
21	1	124700-44740	FAN, COOLING 5X310	1							
22	1	124574-44761	SPACER, FAN	1							
23	1	26106-060202	BOLT, M6X 20 PLATED	4							
24	1	124101-49530	COVER, THERMOSTAT	1							
25	1	129350-49800	THERMOSTAT, 71	1							
26	1	129350-49541	GASKET	1							
27	1	26106-080282	BOLT, M8X 28 PLATED	1							
28	1	26106-080652	BOLT, M8X 65 PLATED	1							
29	1	119620-49290	COCK ASSY, 1/4	1							

[illegible]

No.	Lev.	Parts No.	Description	(A)=2TNE68C-KG2 (B)= (C)=						(D)= (E)= (F)=						I	R
				(A)	(B)	(C)	(D)	(E)	(F)								
1	1	719305-51100	PUMP ASSY, INJECTION	1													
3	2	119225-51100	PLUNGER ASSY	2													
6	2	119620-51170	RETAINER, SPRING A	2													
7	2	119620-51180	RETAINER, SPRING B	2													
8	2	119620-51190	SPRING, PLUNGER	2													
9	2	119620-51250	SHIM SET	2													
21	2	119225-51300	VALVE ASSY, DELIVERY	2													
24	2	105546-51330	SPRING, DELIVERY	2													
25	2	119620-51340	HOLDER, DELIVERY	2													
26	2	119620-51350	GASKET	2													
27	2	119620-51370	O-RING	2													
28	2	119620-51450	PIECE	2													
29	2	174307-51460	PIN, LOCK	1													
30	2	119305-51500	RACK, CONTROL	1													
31	2	119620-51510	PINION	2													
32	2	119305-51530	RETAINER, RACK	1													
33	2	119620-51650	PLATE	1													
34	2	119620-51660	SCREW	1													
35	2	119620-51670	PIN	1													
36	2	119620-51680	PIN	1													
37	2	119620-51700	TAPPET ASSY	2													
41	2	26022-040082	SCREW, M4X 8	2													
42	2	26033-040102	SCREW, M4X10	1													
43	2	119266-51900	BOLT	1													
44	2	23414-080012	GASKET, 8X1.0	1													

N:Old $\xrightarrow{\text{N:O}}$ New, Q:Old $\xrightarrow{\text{Q:O}}$ New, R:Old $\xrightarrow{\text{R:O}}$ New, S:Old $\xrightarrow{\text{S:O}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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X-MARK PARTS: NOT SOLD SEPARATELY.

Remarks

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

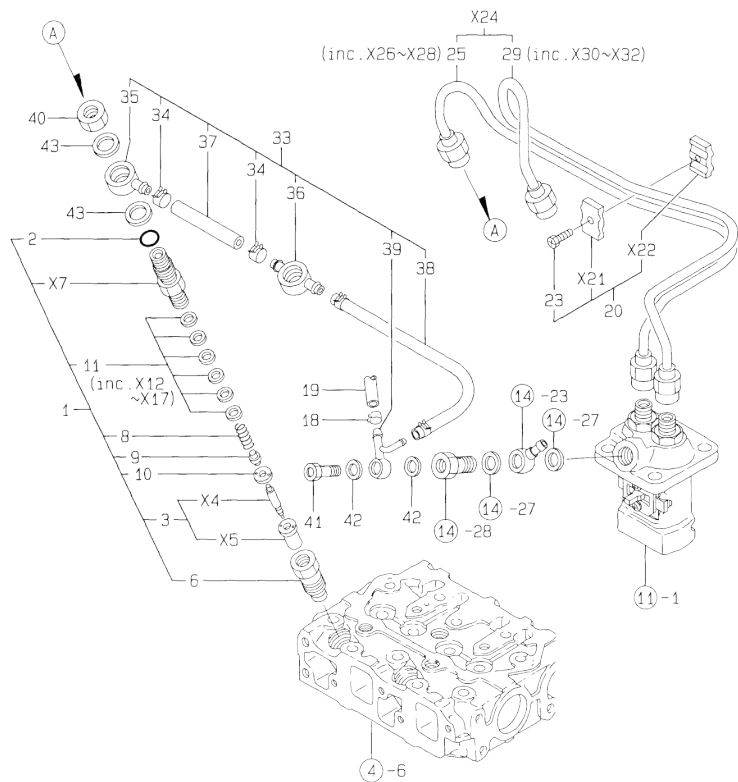
(2) REPAIR PART.

				(A)=2TNE68C-KG2						(D)=	(E)=	(F)=		
No.	Lev.	Parts No.	Description	Qty						I	R			
				(A)	(B)	(C)	(D)	(E)	(F)					
1	1	194990-22050	NUT, M8	1										
2	1	119660-61060	COVER, GOVERNOR CASE	1										
3	1	119660-61071	GASKET	1										
4	1	129155-61470	BOLT, CONTROL	1										
5	1	121465-59950	BOLT, M6X16	1										
6	1	119600-61100	DRIVE ASSY	1										
7	2	119600-61200	WEIGHT ASSY,GOVERNOR	1										
11	2	119660-61300	NUT	1										
12	2	119660-61341	SLEEVE	1										
13	1	119660-61121	LINK, NO MARK	1										1
14	1	119660-61140	LINK, MARK .2	1										1
15	1	119660-61150	LINK, MARK .3	1										1
16	1	119226-61200	CASE ASSY, GOVERNOR	1										
17	2	129155-51280	O-RING, S6	1										
19	2	119660-61052	GASKET	1										
20	2	119660-61460	SHIM SET	1										
23	2	129155-61480	SPACER ASSY	2										
28	2	119660-61491	SHAFT	1										
29	2	119265-61510	LEVER ASSY, GOVERNOR	1										
30	3	174307-51700	SHIM SET	2										
44	3	119232-61540	SPRING	1										
45	3	119600-61541	SHIFTER	1										
47	3	119660-61651	SPRING, STARTING	1										
48	3	22117-040000	WASHER, 4	1										
49	3	22272-000040	RING, E- 4	1										
50	3	22351-030014	PIN, SPRING 3.0X14	1										
51	2	119600-61900	RETAINER, SHAFT	1										
52	2	119660-61901	RETAINER, SHAFT	1										
53	2	119285-66080	SHAFT ASSY	1										
57	2	22351-040010	PIN, SPRING 4.0X10	2										
58	2	24341-000070	O-RING, 1AS7.0	1										
59	2	26106-060102	BOLT, M6X 10 PLATED	2										
60	1	119685-61940	NUT, M12	1										
61	1	119305-66010	SPRING, REGULATOR	1										
62	1	119621-66051	LEVER, REGULATOR	1										
63	1	119685-61950	NUT, M6	1										
64	1	119988-61450	BOLT, LIMITER	1										
65	1	119653-66500	STOPPER ASSY	1										
67	2	24341-000280	O-RING, 1AS28.0	1										
69	2	26106-060952	BOLT, M6X 95 PLATED	1										
70	1	119260-66720	ANGLEICH ASSY	1										
94	1	22190-120002	WASHER, SEAL 12	1										
95	1	22360-040000	PIN, SNAP 4	1										
96	1	22360-060000	PIN, SNAP 6	1										
97	1	26106-060702	BOLT, M6X 70 PLATED	5										
98	1	26116-050102	BOLT, M5X 10 PLATED	3										
99	1	26116-060304	BOLT, M6X 30 PLATED	1										
100	1	26756-060002	NUT, LOCK M6	1										
101	1	22190-060003	SEAL WASHER 6	1										
103	1	119621-66710	PLUG, 14	1										
105	1	119621-66610	PLUG, 22	1										

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

Fig.13. FUEL INJECTION VALVE

13.FUEL INJECTION VALVE

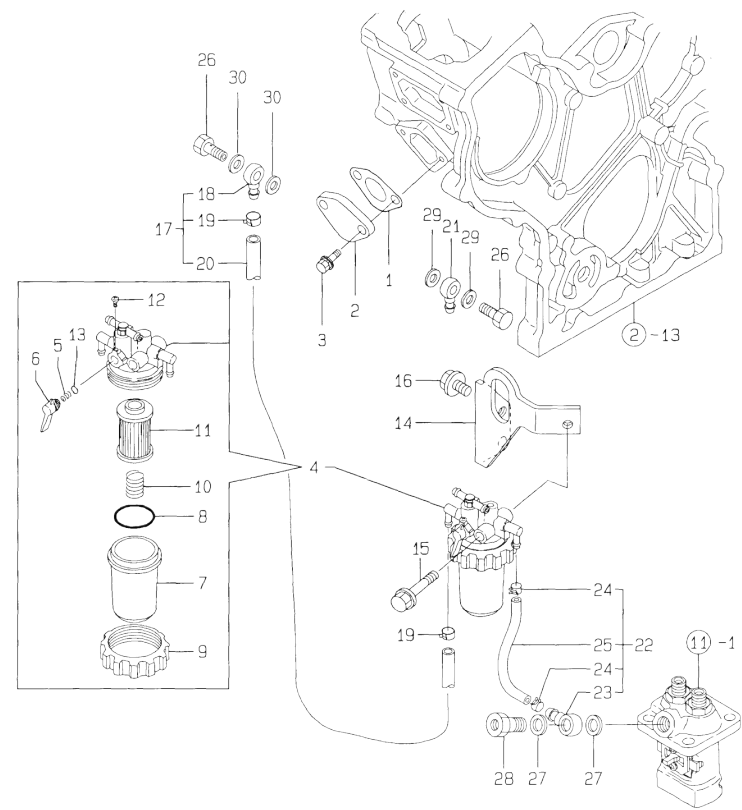


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719620-53700	VALVE ASSY,INJECTION	2							
2	2	129155-61830	O-RING, S10	2							
3	2	119620-53000	VALVE ASSY,INJECTION	2							
6	2	119620-53080	NUT, NOZZLE	2							
8	2	119620-53120	SPRING, NOZZLE	2							
9	2	114250-53130	SEAT, SPRING	2							
10	2	119620-53140	SPACER, VALVE STOP	2							
11	2	114250-53400	SHIM SET	2							
18	1	124766-59050	CLIP, HOSE 12	2							
19	1	121250-59080	PIPE, FUEL D12X180	1							
20	1	119305-59120	RETAINER, PIPE	1							
23	2	129150-59131	BOLT, M4X14	1							
25	2	119309-59810	PIPE ASSY, INJECTION	1							
29	2	119309-59820	PIPE ASSY, INJECTION	1							
33	1	119332-59540	PIPE ASSY, RETURN	1							
34	2	124066-59100	CLIP, HOSE 8	2							
35	2	119260-59520	JOINT	1							
36	2	119260-59530	JOINT	1							
37	2	119260-59550	PIPE, FUEL	1							
38	2	119642-59550	PIPE, FUEL RETURN	1							
39	2	119642-59570	JOINT, OVER FLOW	1							
40	1	119620-59700	NUT, NOZZLE	2							
41	1	124550-59820	BOLT, PIPE JOINT M8	1							
42	1	23414-080012	GASKET, 8X1.0	2							
43	1	23414-140000	GASKET, 14X1.0	3							

OCV10-M53100

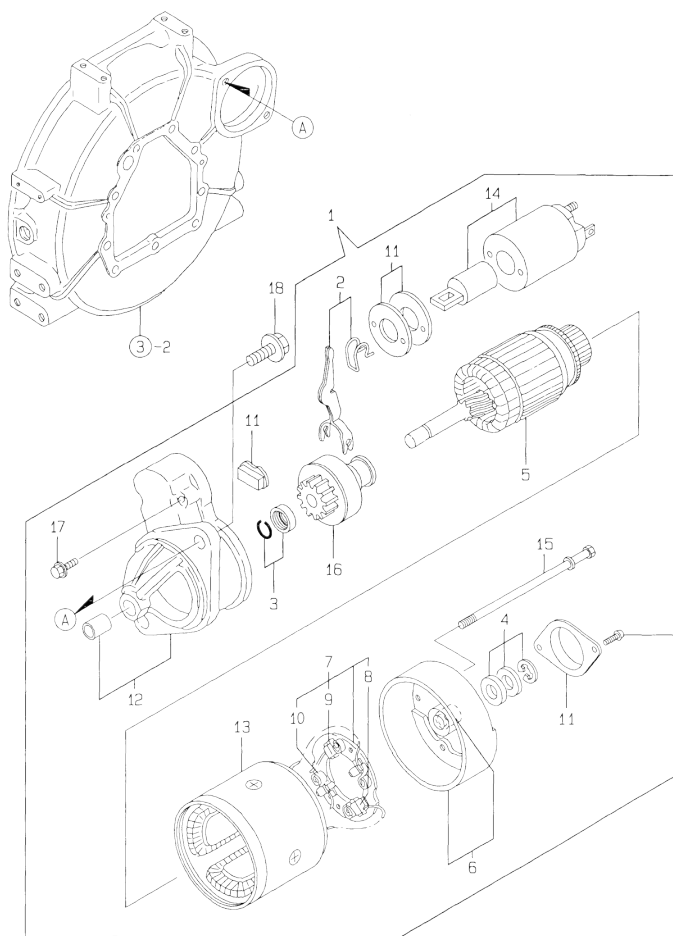
Fig.14. FUEL LINE

14.FUEL LINE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121520-01851	GASKET	1							
2	1	121520-01860	COVER	1							
3	1	26106-060162	BOLT, M6X 16 PLATED	2							
4	1	119255-55620	FILTER ASSY, FUEL	1							
5	2	104200-55330	SPRING, VALVE	1							
6	2	119810-55340	LEVER	1							
7	2	121254-55510	COVER	1							
8	2	102103-55520	O-RING	1							
9	2	110250-55610	RING, RETAINING	1							
10	2	121250-55620	SPRING	1							
11	2	124550-55700	FILTER, FUEL L=90	1							
12	2	104200-55750	SCREW, M4	1							
13	2	24311-240100	O-RING, 1AP10A	1							
14	1	119325-55900	BRACKET, FILTER	1							
15	1	26013-080652	BOLT, M8X 65	1							
16	1	26106-080142	BOLT, M8X 14 PLATED	2							
17	1	119260-59020	PIPE ASSY, D12XL400	1							
18	2	104264-59030	JOINT, PIPE 8	1							
19	2	124766-59050	CLIP, HOSE 12	2							
20	2	121236-59080	PIPE, FUEL D12XL400	1							
21	1	104264-59030	JOINT, PIPE 8	1							
22	1	119325-59030	PIPE ASSY, FUEL	1							
23	2	101304-59020	JOINT, PIPE 12	1							
24	2	124766-59050	CLIP, HOSE 12	2							
25	2	119325-59080	PIPE, FUEL	1							
26	1	105582-59150	BOLT, PIPE JOINT	2							
27	1	104200-59170	GASKET, 12	2							
28	1	119650-59200	BOLT, PIPE JOINT M12	1							
29	1	22190-080002	WASHER, SEAL 6	2							
30	1	22190-080002	WASHER, SEAL 6	2							

15. STARTING MOTOR

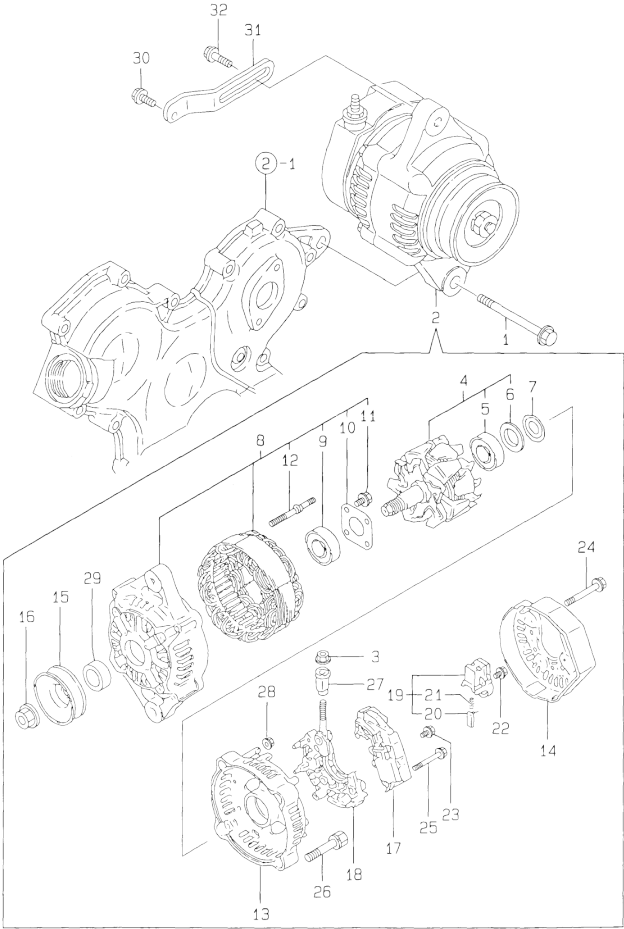


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119631-77011	STARTING MOTOR	1							
2	2	114371-77180	LEVER KIT, SHIFT	1							
3	2	X2114715500	STOPPER SET, PINION	1							
4	2	X2114811000	WASHER KIT, THRUST	1							
5	2	114371-77110	ARMATURE	1							
6	2	114371-77140	COVER ASSY, REAR	1							
7	2	114371-77160	HOLDER ASSY, BRUSH	1							
8	3	114371-79040	BRUSH (-)	2							
9	3	114371-79050	BRUSH (+)	1							
10	3	114371-79060	SPRING, BRUSH	4							
11	2	114371-77170	COVER KIT, DUST	1							
12	2	119631-77651	CASE ASSY, GEAR	1							
13	2	124097-77710	YOKE ASSY	1							
14	2	X2114275010	SWITCH ASSY, MAGNET	1							
15	2	124195-77770	THROUGH BOLT	2							
16	2	119631-77780	PINION ASSY	1							
17	2	114371-79070	BOLT M 6X 37	2							
18	1	26116-120252	BOLT, M12X 25 PLATED	2							

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. GENERATOR

16 .GENERATOR

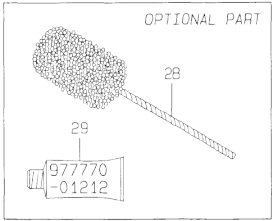
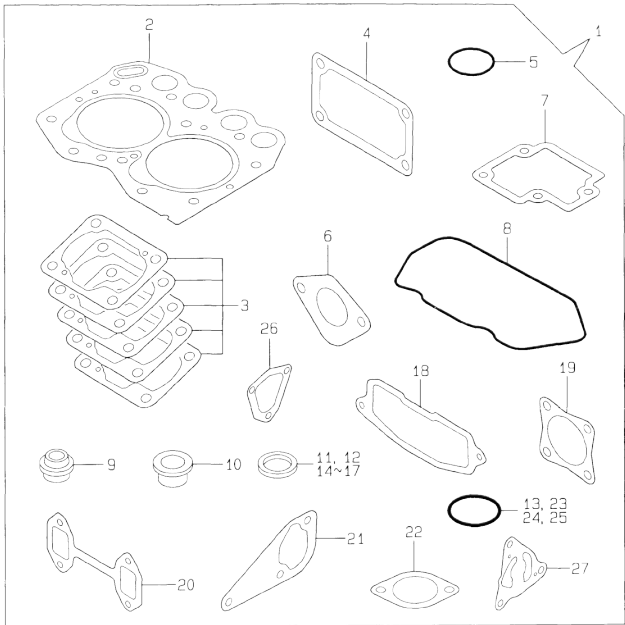


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26106-100552	BOLT, M10X 55 PLATED	1							
2	1	119620-77201	GENERATOR, 40A	1							
3	2	X9490561001	NUT	1							
4	2	119620-77380	ROTOR ASSY	1							
5	3	119620-79240	BALL BEARING	1							
6	3	119620-79250	COVER, BEARING	1							
7	2	119620-79360	WASHER, THRUST	1							
8	2	119620-77421	FRAME ASSY, DRIVE	1							
9	3	119620-79200	BALL BEARING	1							
10	3	119620-79210	PLATE	1							
11	3	119620-79220	SCREW	4							
12	3	119620-79230	BOLT, STUD	2							
13	2	119620-77440	FLAME ASSY, REAR	1							
14	2	119620-77450	COVER	1							
15	2	119620-77461	PULLEY	1							
16	2	119620-77471	NUT	1							
17	2	119620-77710	REGULATOR ASSY	1							
18	2	119620-79260	HOLDER	1							
19	2	119620-79270	HOLDER, BRUSH	1							
20	3	119620-77480	BRUSH ASSY	2							
21	3	119620-79280	SPRING	2							
22	2	119620-79290	SCREW	6							
23	2	119620-79300	SCREW	1							
24	2	119620-79310	BOLT	3							
25	2	119620-79320	SCREW W/WASHER	2							
26	2	119620-79330	BOLT	2							
27	2	119620-79340	INSULATION BUSH	1							
28	2	119620-79350	NUT	2							
29	2	119620-77490	COLLAR	1							
30	1	26106-080162	BOLT, M8X 16 PLATED	1							
31	1	119660-77330	ADJUSTER	1							
32	1	26014-080252	BOLT, M8X 25	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.17. GASKET SET

17.GASKET SET



Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719309-92610	GASKET SET	1							1
2	2	119309-01330	GASKET, CYL. HEAD	1							
3	2	119305-01950	SHIM SET, ADJUSTING	1							
4	2	119660-01562	GASKET	1							
5	2	24311-000320	O-RING, 1AP32.0	2							
6	2	121520-01851	GASKET	1							
7	2	119305-03031	GASKET	1							
8	2	119305-11310	GASKET, BONNET	1							
9	2	119260-11340	SEAL, VALVE STEM	4							
10	2	119600-11450	PROTECTOR, NOZZLE	2							
11	2	119600-11460	GASKET, NOZZLE	4							
12	2	124465-44950	GASKET, 16	2							
13	2	119209-35030	O-RING, P11	1							
14	2	22190-080002	WASHER, SEAL 6	4							
15	2	104200-59170	GASKET, 12	2							
16	2	23414-080012	GASKET, 8X1.0	2							
17	2	23414-140000	GASKET, 14X1.0	3							
18	2	119305-12160	GASKET, MANIFOLD	1							
19	2	121000-13201	GASKET, SILENCER	1							
20	2	119305-13110	GASKET	1							
21	2	119260-42020	GASKET, WATER PUMP	1							
22	2	129350-49541	GASKET	1							
23	2	24311-000120	O-RING, 1AP12.0	4							
24	2	24341-000240	O-RING, 1AS24.0	1							
25	2	24311-000180	O-RING, 1AP18.0	1							
26	2	119660-61071	GASKET	1							
27	2	119660-32020	GASKET, PUMP	1							
28	1	129400-92400	FLEX HORN	1							1
29	1	977770-01212	GASKET, LIQUID	1							1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	14	23
102103-55520	14	8
104200-55330	14	5
104200-55750	14	12
104200-59170	14	27
	17	15
104264-59030	14	18
	21	
105010-11230	4	27
	31	
105546-51330	11	24
105582-59150	14	26
110250-55610	14	9
114250-11120	4	17
114250-11180	4	18
114250-53130	13	9
114250-53400	13	11
114371-77110	15	5
114371-77140	15	6
114371-77160	15	7
114371-77170	15	11
114371-77180	15	2
114371-79040	15	8
114371-79050	15	9
114371-79060	15	10
114371-79070	15	17
119209-35030	9	26
	17	13
119225-35300	9	16
119225-51100	11	3
119225-51300	11	21
119226-61200	12	16
119232-61540	12	44
119255-55620	14	4
119256-42290	10	15
119260-01200	1	21
119260-01510	2	15
119260-01590	2	1
119260-02020	1	5
119260-02800	1	13
119260-02930	1	16
119260-11100	4	15
119260-11110	4	16
119260-11260	4	37
119260-11270	4	39
119260-11280	4	40
119260-11340	4	20
	17	9
119260-11370	4	21
119260-11800	4	10

Parts No.	Fig. No.	Ref. No.
119260-14100	7	6
119260-14200	7	1
119260-14400	7	2
119260-21200	8	4
119260-23910	8	28
119260-25100	7	10
119260-32000	9	1
119260-42020	10	13
	17	21
119260-59020	14	17
119260-59520	13	35
119260-59530	13	36
119260-59550	13	37
119260-66720	12	70
119265-11260	4	38
119265-22300	8	23
119265-22500	8	17
119265-22601	8	15
119265-23100	8	25
119265-23200	8	29
119265-42002	10	1
119265-61510	12	29
119266-02410	1	19
119266-51900	11	43
119285-03140	4	1
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119305-01490	2	13
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119305-11350	4	44
119305-12160	5	1
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119305-13100	6	1
119305-13110	6	2
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119305-14200	7	16
119305-14580	7	3
119305-35150	9	15
119305-51500	11	30
119305-51530	11	32
119305-59120	13	20
119305-66010	12	61
119309-01330	1	22

Parts No.	Fig. No.	Ref. No.
119309-01330	17	2
119309-21700	8	1
119309-59810	13	25
119309-59820	13	29
119325-01770	3	11
119325-21571	8	12
119325-21670	8	8
119325-34800	9	13
119325-34890	9	14
119325-35080	9	25
119325-55900	14	14
119325-59030	14	22
119325-59080	14	25
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119385-12730	5	2
119600-01600	3	2
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119600-11460	4	24
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119600-61100	12	6
119600-61200	12	7
119600-61541	12	45
119600-61900	12	51
119620-01620	3	6
119620-01750	3	4
119620-01800	2	3
119620-02450	7	4
119620-11350	4	42
119620-11390	4	50
119620-21941	8	10
119620-25912	7	12
119620-42350	10	16
119620-49290	10	29
119620-51170	11	6
119620-51180	11	7
119620-51190	11	8
119620-51250	11	9
119620-51340	11	25
119620-51350	11	26
119620-51370	11	27
119620-51450	11	28
119620-51510	11	31
119620-51650	11	33
119620-51660	11	34
119620-51670	11	35
119620-51680	11	36
119620-51700	11	37
119620-53000	13	3
119620-53080	13	6

Parts No.	Fig. No.	Ref. No.
119620-53120	13	8
119620-53140	13	10
119620-59700	13	40
119620-77201	16	2
119620-77380	16	4
119620-77421	16	8
119620-77440	16	13
119620-77450	16	14
119620-77461	16	15
119620-77471	16	16
119620-77480	16	20
119620-77490	16	29
119620-77710	16	17
119620-79200	16	9
119620-79210	16	10
119620-79220	16	11
119620-79230	16	12
119620-79240	16	5
119620-79250	16	6
119620-79260	16	18
119620-79270	16	19
119620-79280	16	21
119620-79290	16	22
119620-79300	16	23
119620-79310	16	24
119620-79320	16	25
119620-79330	16	26
119620-79340	16	27
119620-79350	16	28
119620-79360	16	7
119621-21680	8	9
119621-66051	12	62
119621-66610	12	105
119621-66710	12	103
119631-77011	15	1
119631-77651	15	12
119631-77780	15	16
119632-07900	4	3
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