

0CV10-M52600EN

P R E F A C E

1. This Parts Catalog carries all parts incorporated in YANMAR Model 2TNE68 - LW engine manufactured since May, 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.

How to read this Parts Catalog.

1. Parts mentioned in Parts Catalog may not necessarily be standard equipping parts
2. Parts change may be made without prior notice.
3. Form of this Parts Catalog.

Y00F2161 29. FUEL INJECTION PUMP (W/BOOST)

①

↓

REF.

②

↘

LEV.

PARTS No.

DESCRIPTION

QTY

		(A)	(B)	(C)	(D)	(E)	(F)
1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1
1-1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1
	(A=E00185) (B=E00200)						
3	2	26022-060162	SCREW M 6X16	9	9	9	9
3-1	2	26022-060162	SCREW M 6X16	4	4	4	4
	(A=E00156) (B=E00156)	((C=E00156) (D=E00156)	(E=E00156)				K
4	2	129470-51040	CAMSHFT	9	9	9	9
5	2	122710-51050	BEARING, ROLLER	9	9	9	9
6	2	129470-51060	RETAINER	9	9	9	9

Remarks

(1) BOOST COMPENSATOR TYPE
OPTIONAL PART TO E#00155
(4JH-DT, 4JH-DTZ)

①Ref. No.

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

(Ex.) illustration No. 1 List head No. 1 (Before change) → 1-1 (After change)

When interchangeable symbol N, and K, illustrations for the new parts are sometimes omitted.

②Lev. (Level)

Indication and Meaning of Level

Level Hereunder is given the relation among the number of number (1,2,3) the level and the nominal parent-child relationship.

1 ---- Parent parts (Assembly parts)

2 ---- Child parts included in " 1 " (Semi-Assembly parts, component parts of Assembly parts.)

3 ---- Child parts included in " 2 ", Grand-child parts in terms of " 1 ",
(Component parts of Semi-Assembly parts.)

Note) A parts of non-sale parts are illustrated but not listed.

③Change Mark

Change Mark " I " is given to the part for which a design change was made at this time.

The design change was not shown in the last published Parts Catalog.

④Interchangeability Mark

In the case where a part change took place, one of the following interchangeability marks is indicated for that part

Symbol	Interchangeability	Contents note
N	Old ↔ New	New Part is interchangeable for Old Part but not interchangeable conversely.
Q	Old ↔ New	New Part is not interchangeable for Old Part but interchangeable conversely.
R	Old ↔ New	New Part is interchangeable for Old Part and vice versa.
S	Old ↔ New	New Part is not interchangeable for Old Part and vice versa.
W		Part newly added.
Z		Part discontinued.
F		Not interchangeable single part but interchangeable by set of the related parts.
K		Changed only in quantity used.

⑤Effective Machine No.

When a part is changed, Effective Machine No. of a Model for which the part is applicable is indication

In each column of (A)-(F).

Product Symbol	Product No.	Product Symbol	Product No.
C	Clutch No., Compressor No.	M	Machine No.
D	Drive No.	T	Tractor No.
E	Engine No.	Note 1)※	Date

Note 1) Date may follow the symbol in some cases. (Ex.) ※1996.01

Note 2) As far as engine models shown by " XXX " are concerned, the modification of the parts could not be Predicted or the engine models themselves could not be identified.

Note 3) (A=E#00185) means that the design change on the part has been effective for the model at the, column (A) (in the case, for 4JH-DT) on and from E#(Engine Serial Number) 00185

⑥Remarks Mark

Figures or alphabets (Symbols) are entered in the remark column.

The comments (remarks) on the pertinent parts are indicated in the lower part of the list by the same symbols as those stated above.

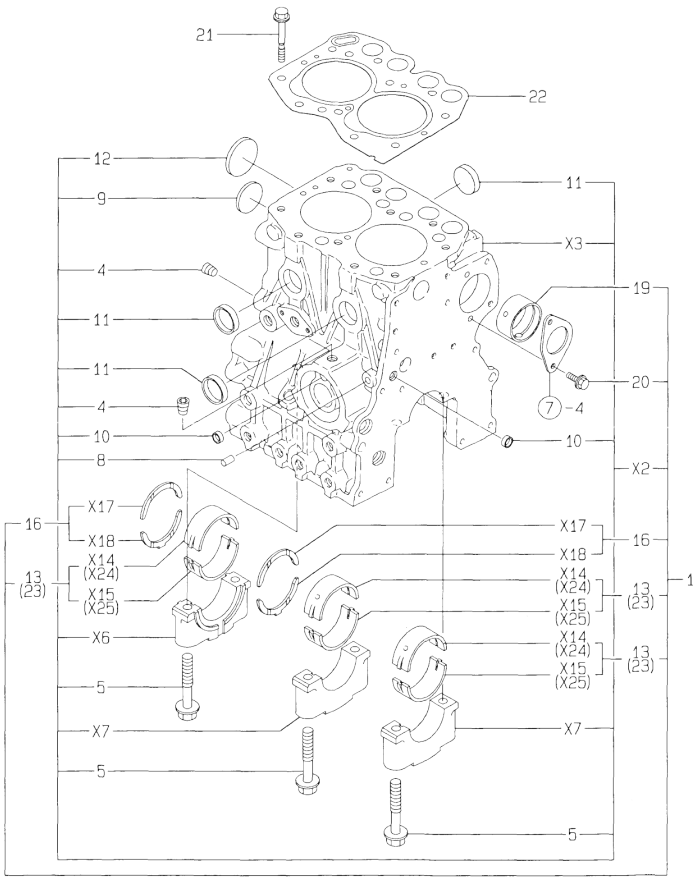
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0CV10-M52600

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8.	CRANKSHAFT & PISTON		
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11.	FUEL INJECTION PUMP		
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14.	FUEL LINE		
15.	STARTING MOTOR		
16.	GENERATOR		
17.	GASKET SET		

Fig.1. CYLINDER BLOCK

1. CYLINDER BLOCK



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

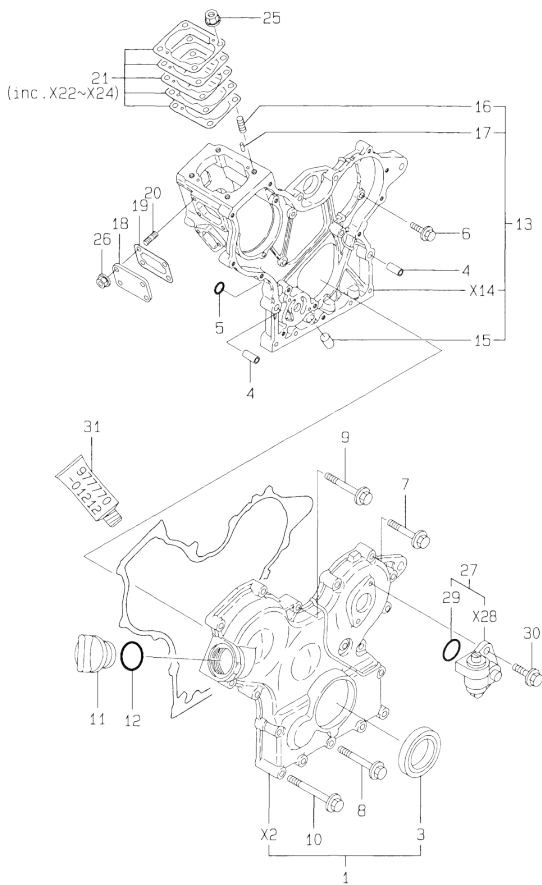
(A)=2TNE68-LW
(B)=
(C)=

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

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

Fig.2. GEAR HOUSING

2.GEAR HOUSING



Remarks
(1) OPTIONAL PART.

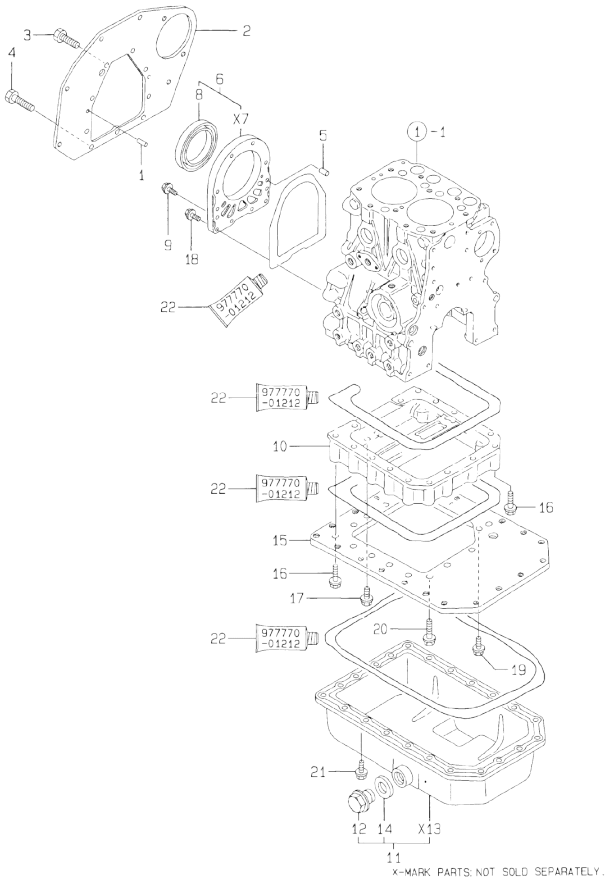
(A)=2TNE68-LW
(B)=
(C)=

(D)=
(E)=
(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							
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	129150-91400	GEAR	1							
29	2	24341-000240	O-RING, 1AS24.0	1							
30	1	26106-060162	BOLT, M6X 16 PLATED	2							
31	1	977770-01212	GASKET, LIQUID	1							1

Fig.3. MOUNTING FLANGE & OIL SUMP

3.MOUNTING FLANGE & OIL SUMP



Remarks
(1) OPTIONAL PART.

(A)=2TNE68-LW
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2							
2	1	119285-01601	FLANGE, MOUNTING	1							
3	1	26206-100202	BOLT, M10X 20 PLATED	8							
4	1	26206-100252	BOLT, M10X 25 PLATED	3							
5	1	119620-01620	PIN, M6X10	2							
6	1	119660-01640	CASE ASSY, OIL SEAL	1							
8	2	124085-02220	SEAL, OIL	1							
9	1	26106-060222	BOLT, M6X 22 PLATED	6							
10	1	119305-01760	SPACER, OIL SUMP	1							
11	1	119843-01780	SUMP ASSY, OIL	1							
12	2	119640-01640	PLUG, DRAIN M22	1							
14	2	22190-220002	WASHER, SEAL 22	1							
15	1	119385-01740	PLATE, OIL SUMP	1							
16	1	26106-060452	BOLT, M6X 45 PLATED	13							
17	1	26106-060142	BOLT, M6X 14 PLATED	2							
18	1	119285-01580	BOLT, M46X22	4							
19	1	26106-060202	BOLT, M6X 20 PLATED	1							
20	1	26106-060552	BOLT, M6X 55 PLATED	3							
21	1	26106-080102	BOLT, M8X 10 PLATED	22							
22	1	977770-01212	GASKET, LIQUID	1							1

This exploded view diagram illustrates the assembly of a 4-cylinder engine. The components are organized into several main sections:

- Top Section (Cylinder Head and Intake):** Includes the cylinder head (X8), intake manifold (X48), and various gaskets (47, 49). It also shows the intake valve assembly (1, 2, 50, 54, 55) and the exhaust valve assembly (51, 53).
- Valvetrain Section:** Shows the intake and exhaust valves (13, 14), their guides (17, 18), and the associated springs (19, 20, 21) and retainers (15, 16).
- Piston and Connecting Rod Section:** Features the piston assembly (X9) with rings (22, 23, 24) and the connecting rod (X7) with its pin (X11).
- Bottom Section (Crankshaft and Timing):** Includes the crankshaft (X6) and the timing belt (3) with its tensioner (4) and guide (5).
- Accessory and Seal Section:** Shows various seals (30, 31, 32, 33, 34, 36, 37, 38, 39), O-rings (40, 41, 42), and other small components (43, 44, 45, 46, 47, 49, 50, 51, 53, 54, 55).

The diagram uses a combination of individual part numbers and sub-assembly codes (e.g., X48, X7, X8, X9, X11, X26, X27, X28, X30, X31, X32, X33, X34, X35, X36, X37, X38, X39, X40, X41, X42, X43, X44, X45, X46, X47, X48, X49, X50, X51, X52, X53, X54, X55) to identify the various components.

X-MARK PARTS: NOT SOLD SEPARATELY.

				(A)=2TNE68-LW (B)= (C)=	Q'ty						I	R
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)			
1	1	119285-03140	PIPE , BREATHER	1								
2	1	171008-03990	CLIP, HOSE 18.5	2								
3	1	119260-07900	LIFTER	2								
4	1	26106-080142	BOLT, M8X 14 PLATED	1								
5	1	26106-080142	BOLT, M8X 14 PLATED	2								
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	119325-11200	SUPPORT ASSY, ARM	1								
26	2	719489-11650	ARM ASSY, ROCKER	2								
27	3	105010-11230	SCREW, VALVE ADJUST	2								
29	3	26756-060002	NUT, LOCK M6	2								
30	2	719489-11660	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	22217-050000	WASHER, SPRING 5	4							Z	
(A=E04535)												
52	2	24311-000320	O-RING, 1AP32.0	1								
53	2	26557-050102	SCREW, M5X10	4								
53-1	2	22857-500100	SCREW, 5X10	4							R	
(A=E04535)												
54	1	124160-11360	KNOB	2								
55	1	24311-000120	O-RING, 1AP12.0	2								
56	1	129155-77800	PLUG, GLOW	2								
57	1	119305-77820	CONNECTOR, GLOW PLUG	1								

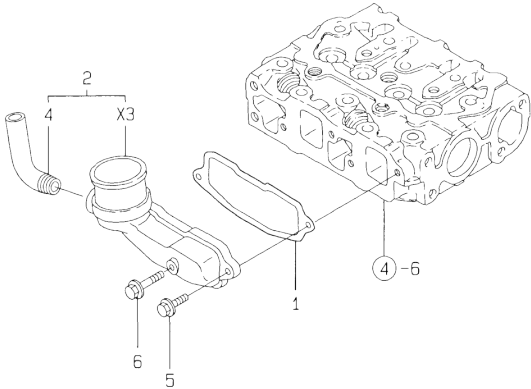
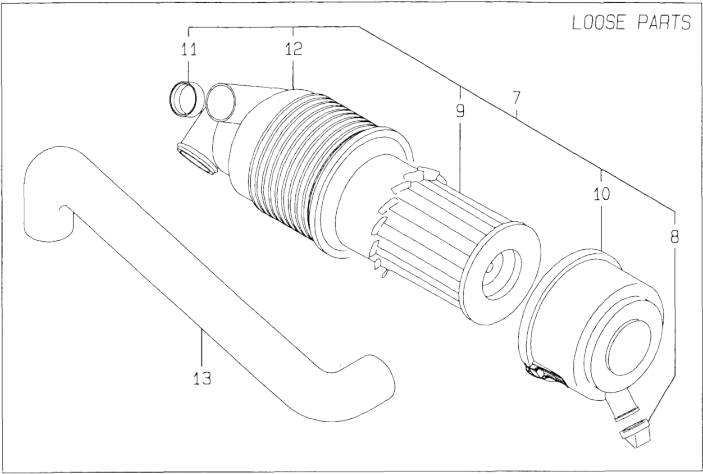
N:Old ☐ Yes ☐ No New, Q:Old ☐ No ☐ Yes New, R:Old ☐ Yes ☐ No New, S:Old ☐ No ☐ Yes New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Remarks
(1) REPAIR PART.

Fig.5. SUCTION MANIFOLD & AIR CLEANER

5.SUCTION MANIFOLD & AIR CLEANER



							0CV10-M52600 Fig.5					
							(A)=2TNE68-LW					
							(D)=					
							(E)=					
							(F)=					
							Q'ty					
No.	Lev.	Parts No.	Description				(A)	(B)	(C)	(D)	(E)	(F)
1	1	119305-12160	GASKET, MANIFOLD				1					
2	1	119385-12730	MANIFOLD ASSY,INTAKE				1					
4	2	121500-12790	JOINT, PIPE PT1/4				1					
5	1	26106-060162	BOLT, M6X 16 PLATED				2					
6	1	26106-060282	BOLT, M6X 28 PLATED				1					
7	1	119233-12540	CLEANER ASSY, AIR				1					
8	2	119808-12540	VALVE, UNLOADER				1					
9	2	119655-12560	ELEMENT				1					
10	2	105027-12570	COVER, AIR CREANER				1					
11	2	105027-12580	RING				1					
12	2	119233-12670	BODY, AIR CLEANER				1					
13	1	119632-12211	PIPE, AIR INTAKE				1					

6. EXHAUST MANIFOLD

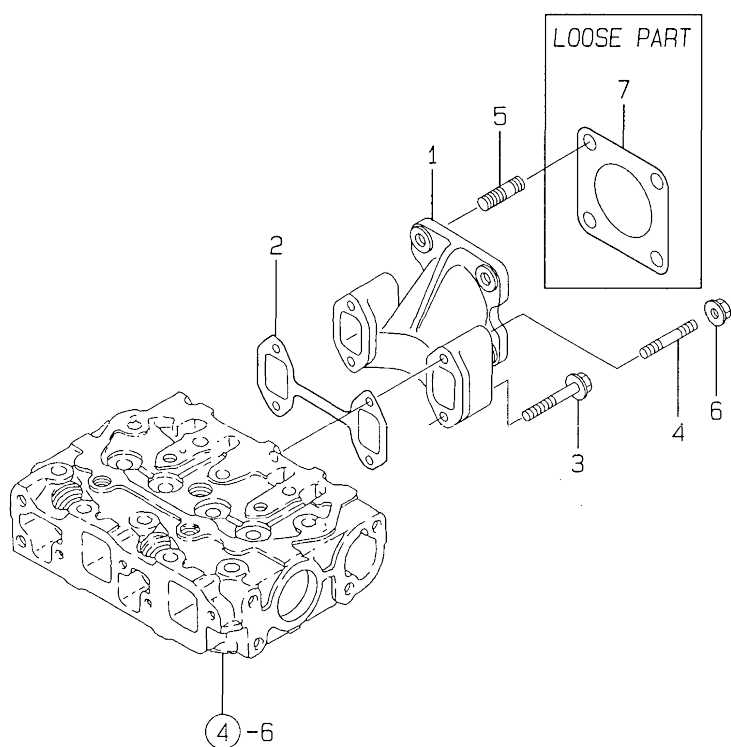
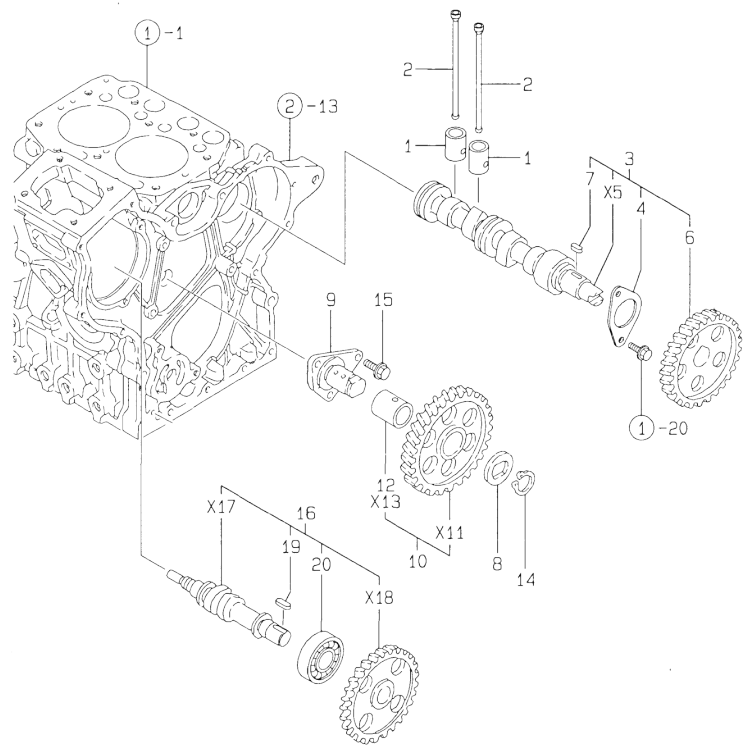
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Fig.7. CAMSHAFT & DRIVING GEAR

7.CAMSHAFT & DRIVING GEAR



Remarks
(1) REPAIR PART.

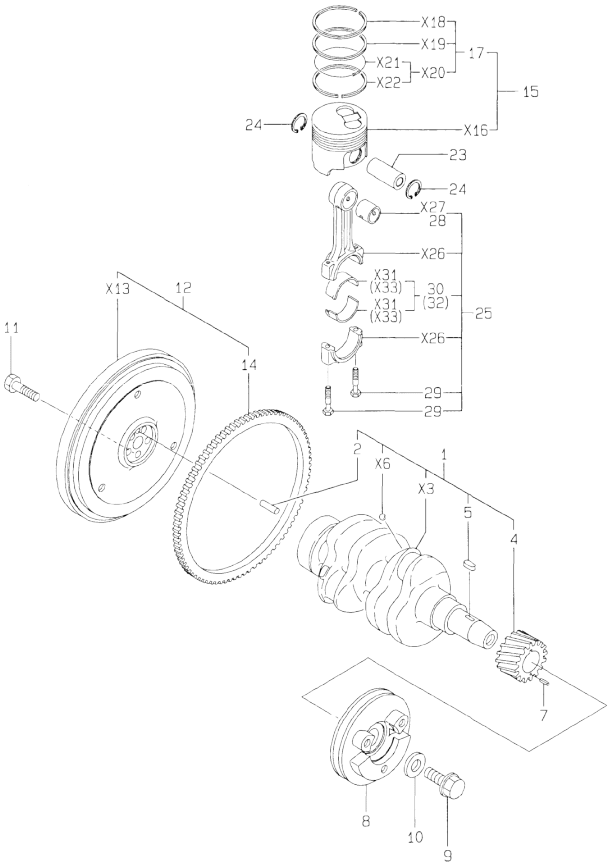
(A)=2TNE68-LW
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						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							

Fig.8. CRANKSHAFT & PISTON

8.CRANKSHAFT & PISTON



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

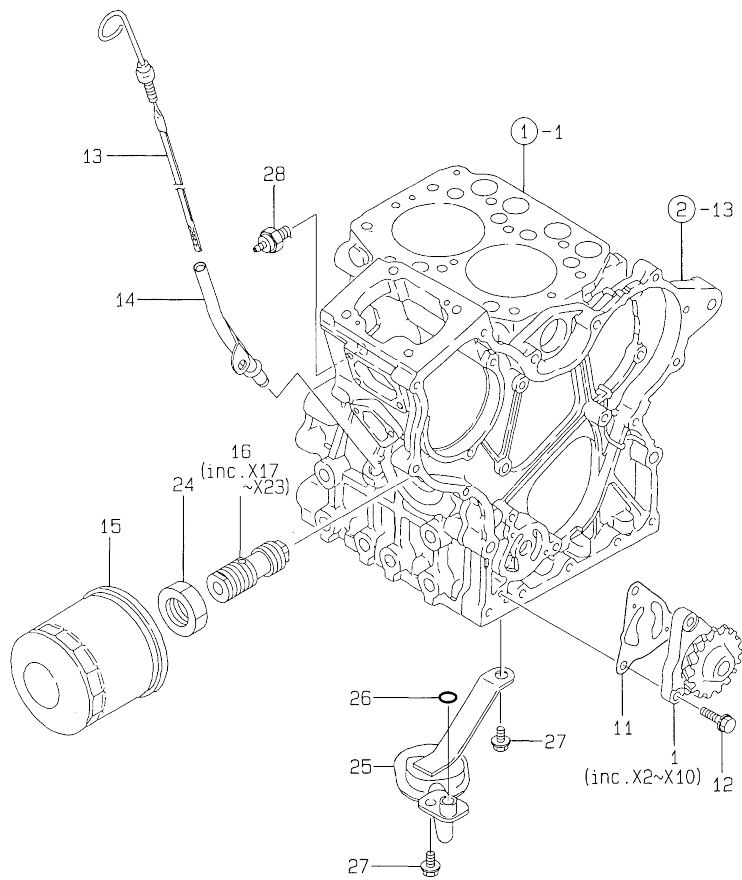
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	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	22351-030012	PIN, SPRING 3.0X12	1							
8	1	119325-21650	V-PULLEY	1							
9	1	119621-21680	BOLT, FLANGE 12X1.25	1							
10	1	119620-21941	WASHER	1							
11	1	119620-21500	BOLT, FLYWHEEL	5							
12	1	119385-21592	FLYWHEEL ASSY	1							
14	2	124060-21600	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

Fig.9. LUB.OIL SYSTEM

9.LUB.OIL SYSTEM



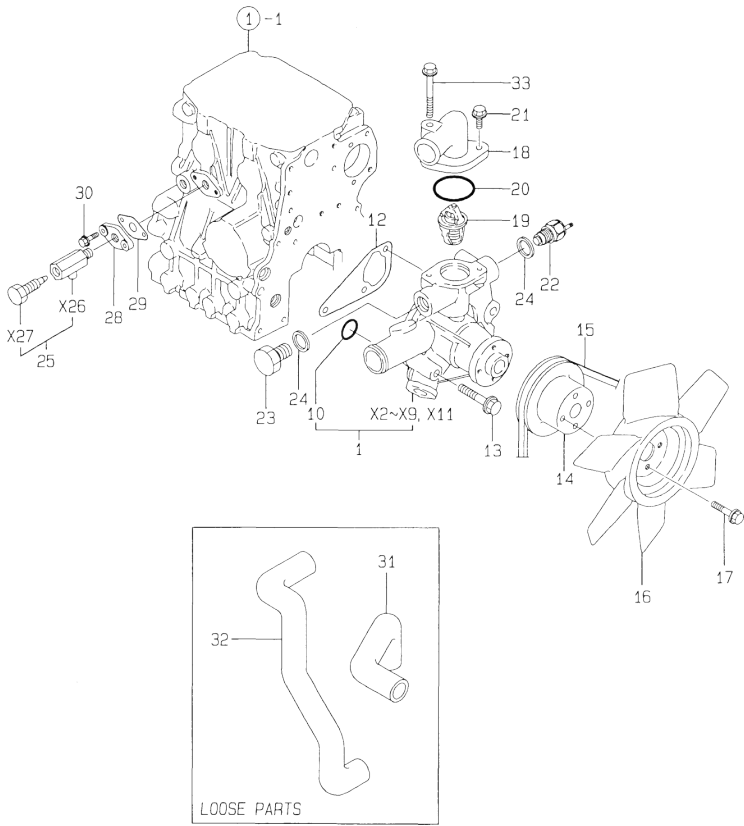
(A)=2TNE68-LW
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						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	119656-34802	DIPSTICK, OIL	1							
14	1	119860-34810	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	119385-35080	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							

Fig.10. COOLING WATER SYSTEM

10.COOLING WATER SYSTEM



(A)=2TNE68-LW
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-42002	PUMP ASSY, WATER	1							
10	2	119225-42320	O-RING	1							
12	1	119260-42020	GASKET, WATER PUMP	1							
13	1	26106-080452	BOLT, M8X 45 PLATED	3							
14	1	119620-42350	V-PULLEY	1							
15	1	119225-42290	V-BELT, FM34.0	1							
16	1	124750-44740	FAN, D270XL44	1							
17	1	26014-060142	BOLT, M6X 14	4							
18	1	119256-49530	COVER, THERMOSTAT	1							
19	1	119260-49800	THERMOSTAT, 71	1							
20	1	24321-000350	O-RING, 1AG35.0	1							
21	1	26106-060162	BOLT, M6X 16 PLATED	1							
22	1	121250-44901	SWITCH, 110	1							
23	1	121450-42450	PLUG, M16	1							
24	1	124465-44950	GASKET, 16	2							
25	1	119620-49290	COCK ASSY, 1/4	1							
28	1	119385-49310	FLANGE	1							
29	1	119385-49331	GASKET	1							
30	1	26106-060252	BOLT, M6X 25 PLATED	2							
31	1	119645-49010	PIPE, WATER	1							
32	1	119645-49020	PIPE, WATER	1							
33	1	26106-060552	BOLT, M6X 55 PLATED	1							

Fig.11. FUEL INJECTION PUMP

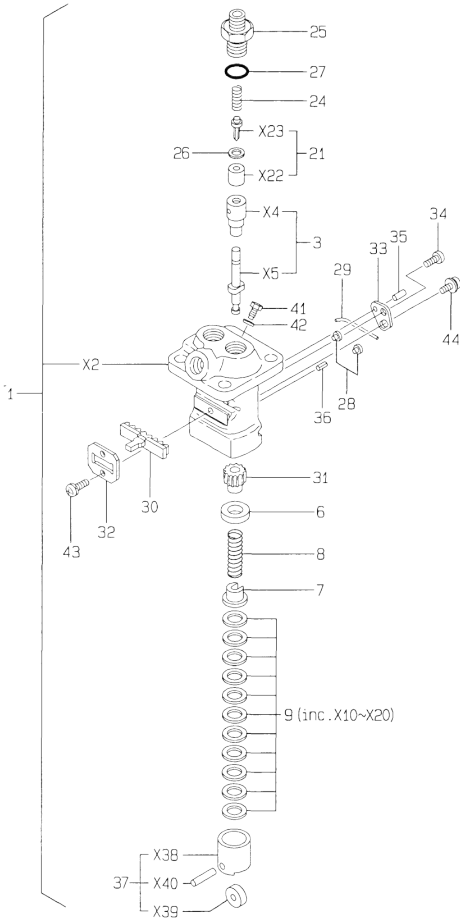
(A)=2TNE68-LW
(B)=
(C)=

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

Q'ty

I R

11.FUEL INJECTION PUMP



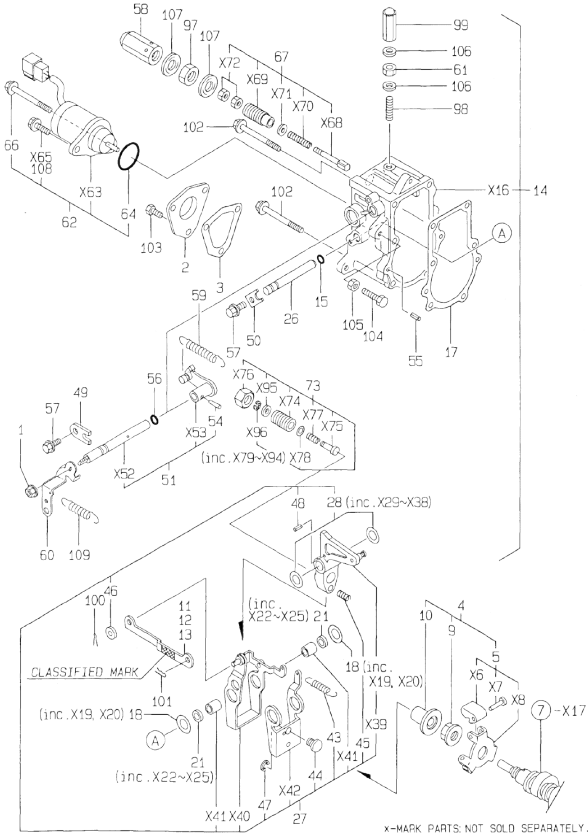
x-MARK PARTS: NOT SOLD SEPARATELY.

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
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	119266-51900	BOLT	1							
42	2	23414-080012	GASKET, 8X1.0	1							
43	2	26022-040082	SCREW, M4X 8	2							
44	2	26033-040102	SCREW, M4X10	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.12. GOVERNOR

12. GOVERNOR



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

(A)=2TNE68-LW
(B)=
(C)=

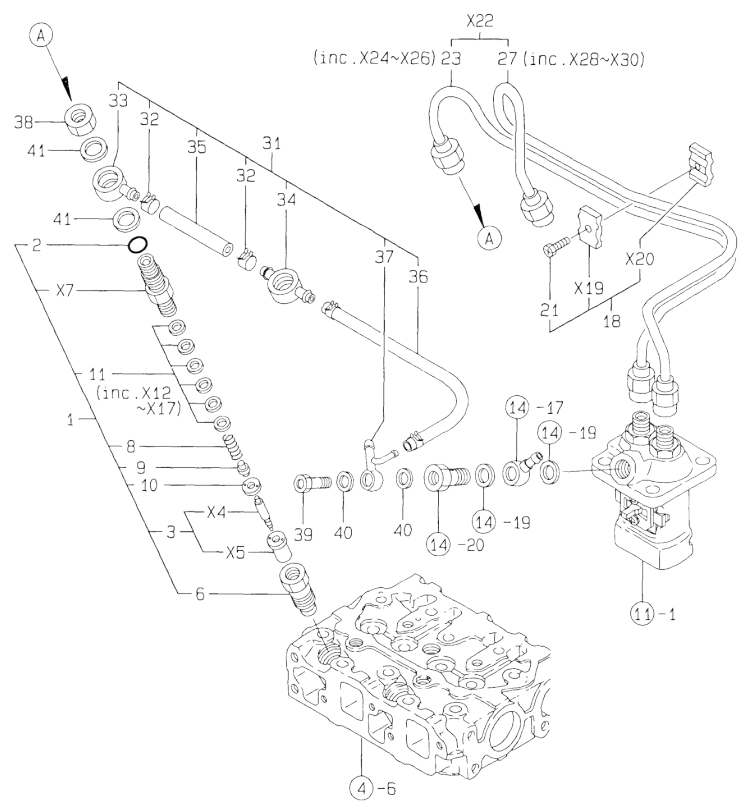
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194990-22050	NUT, M8	1							
2	1	119660-61060	COVER, GOVERNOR CASE	1							
3	1	119660-61071	GASKET	1							
4	1	119600-61100	DRIVE ASSY	1							
5	2	119600-61200	WEIGHT ASSY,GOVERNOR	1							
9	2	119660-61300	NUT	1							
10	2	119660-61341	SLEEVE	1							
11	1	119285-61120	LINK, NO MARK	1							1
12	1	119285-61130	LINK, MARK :2	1							1
13	1	119285-61140	LINK, MARK :3	1							1
14	1	119285-61210	CASE ASSY, GOVERNOR	1							
15	2	129155-51280	O-RING, S6	1							
17	2	119660-61052	GASKET	1							
18	2	119660-61460	SHIM SET	1							
21	2	129155-61480	SPACER ASSY	2							
26	2	119660-61491	SHAFT	1							
27	2	119285-61510	LEVER ASSY, GOVERNOR	1							
28	3	174307-51700	SHIM SET	2							
43	3	119232-61540	SPRING	1							
44	3	119600-61541	SHIFTER	1							
45	3	119600-61650	SPRING, STARTING	1							
46	3	22117-040000	WASHER, 4	1							
47	3	22272-000040	RING, E- 4	1							
48	3	22351-030014	PIN, SPRING 3.0X14	1							
49	2	119600-61900	RETAINER, SHAFT	1							
50	2	119660-61901	RETAINER, SHAFT	1							
51	2	119285-66080	SHAFT ASSY	1							
54	3	22322-030160	PIN, TAPER 3X16	1							
55	2	22351-040010	PIN, SPRING 4.0X10	2							
56	2	24341-000070	O-RING, 1AS7.0	1							
57	2	26106-060102	BOLT, M6X 10 PLATED	2							
58	1	129100-61930	NUT, CAP	1							
59	1	119600-66020	SPRING, REGULATOR	1							
60	1	119621-66051	LEVER, REGULATOR	1							
61	1	124550-66370	NUT, M6	1							
62	1	119653-66500	STOPPER ASSY	1							
64	2	24341-000280	O-RING, 1AS28.0	1							
66	2	26106-060952	BOLT, M6X 95 PLATED	1							
67	1	119600-66530	LIMITER ASSY, FUEL	1							
73	1	119610-66700	ANGLEICH ASSY	1							
97	1	26776-120002	NUT, LOCK M12	1							
98	1	121575-66830	SCREW	1							
99	1	119600-66840	NUT, CAP	1							
100	1	22360-040000	PIN, SNAP 4	1							
101	1	22360-060000	PIN, SNAP 6	1							
102	1	26106-060702	BOLT, M6X 70 PLATED	5							
103	1	26116-050102	BOLT, M5X 10 PLATED	3							
104	1	26116-060304	BOLT, M6X 30 PLATED	1							
105	1	26756-060002	NUT, LOCK M6	1							
106	1	22190-060003	SEAL WASHER 6	2							
107	1	22190-120002	WASHER, SEAL 12	2							

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

13.FUEL INJECTION VALVE



(A)=2TNE68-LW
(B)=
(C)=

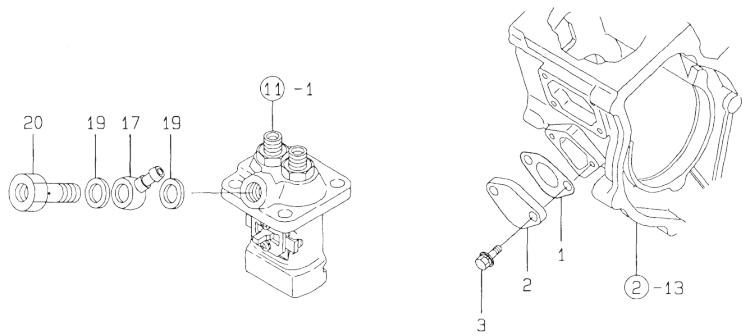
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719255-53100	VALVE ASSY,INJECTION	2							M
1-1	1	719620-53100	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	119305-59120	RETAINER, PIPE	1							
21	2	129150-59131	BOLT, M4X14	1							
23	2	119309-59810	PIPE ASSY, INJECTION	1							
27	2	119309-59820	PIPE ASSY, INJECTION	1							
31	1	119332-59540	PIPE ASSY, RETURN	1							
32	2	124066-59100	CLIP, HOSE 8	2							
33	2	119260-59520	JOINT	1							
34	2	119260-59530	JOINT	1							
35	2	119260-59550	PIPE, FUEL	1							
36	2	119642-59550	PIPE, FUEL RETURN	1							
37	2	119642-59570	JOINT, OVER FLOW	1							
38	1	119620-59700	NUT, NOZZLE	2							
39	1	124550-59820	BOLT, PIPE JOINT M8	1							
40	1	23414-080012	GASKET, 8X1.0	2							
41	1	23414-140000	GASKET, 14X1.0	2							

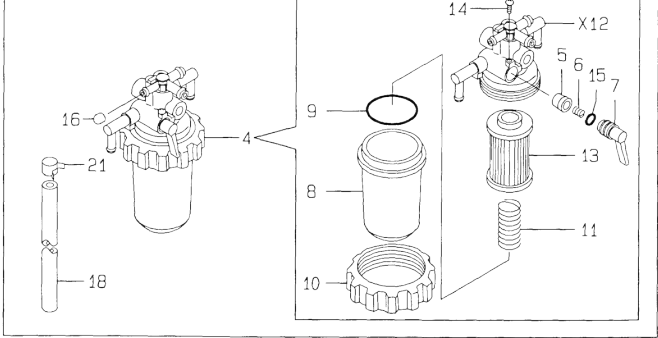
Remarks
(M) MISPRINT.

Fig.14. FUEL LINE

14.FUEL LINE



LOOSE PARTS

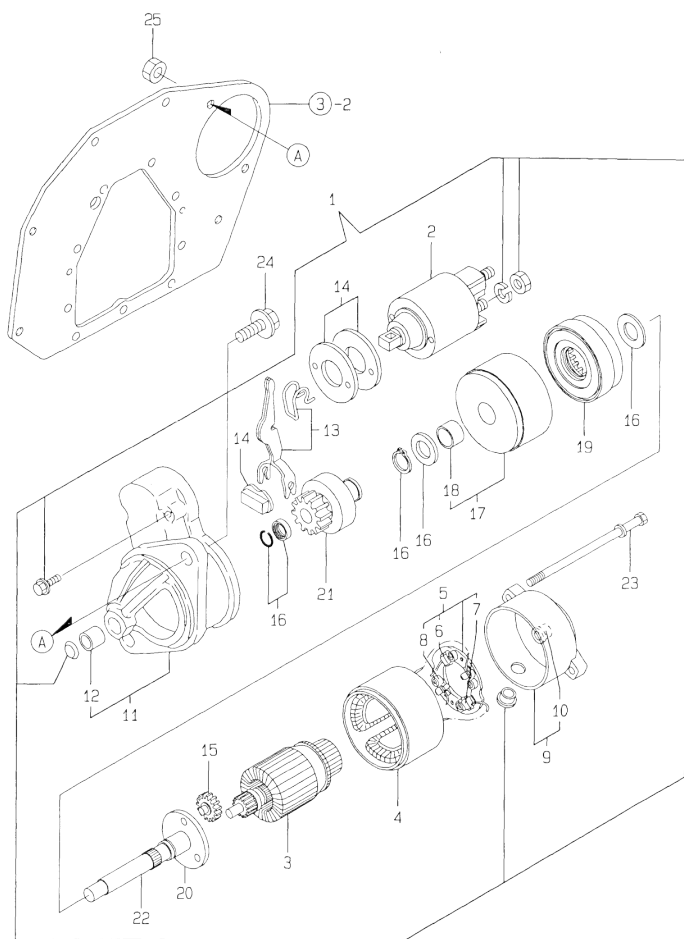


(A)=2TNE68-LW
(B)=
(C)=

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

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	119632-55620	FILTER ASSY, FUEL	1							
5	2	104200-55321	VALVE, TAPER	1							
6	2	104200-55330	SPRING, VALVE	1							
7	2	119810-55340	LEVER	1							
8	2	121254-55510	COVER	1							
9	2	102103-55520	O-RING	1							
10	2	110250-55610	RING, RETAINING	1							
11	2	121250-55620	SPRING	1							
13	2	124550-55700	FILTER, FUEL L=90	1							
14	2	104200-55750	SCREW, M4	1							
15	2	24311-240100	O-RING, 1AP10A	1							
16	1	129150-59580	CAP	1							
17	1	101304-59020	JOINT, PIPE 12	1							
18	1	105225-59520	PIPE, FUEL	1							
19	1	104200-59170	GASKET, 12	2							
20	1	119650-59200	BOLT, PIPE JOINT M12	1							
21	1	124766-59050	CLIP, HOSE 12	7							

15. STARTING MOTOR



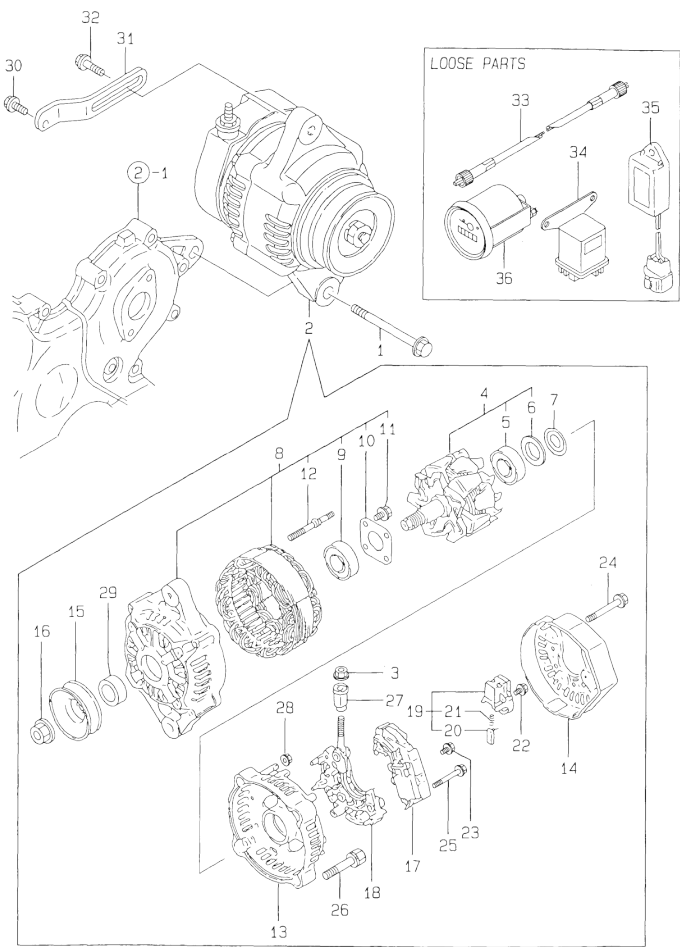
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129698-77010	STARTER, 12V1.2KW	1							
2	2	124298-77020	SWITCH, MAGNETIC	1							
3	2	129698-77100	ARMATURE ASSY	1							
4	2	129698-77110	COIL ASSY, FIELD	1							
5	2	129698-77120	HOLDER ASSY, BRUSH	1							
6	3	129698-77140	BRUSH(+) SET	1							
7	3	129698-77130	BRUSH (-)	2							
8	3	129698-77150	SPRING, BRUSH	4							
9	2	129698-77160	COVER ASSY, REAR	1							
10	3	129698-77170	BEARING	1							
11	2	129698-77260	HOUSING ASSY, GEARS	1							
12	3	X2114535200	METAL, STARTER	1							
13	2	129698-77270	LEVER SET, SHIFT	1							
14	2	129698-77280	COVER KIT	1							
15	2	129698-77240	GEAR	3							
16	2	129698-77250	STOPPER SET	1							
17	2	129698-77180	BRACKET	1							
18	3	129698-77190	BRACKET	1							
19	2	129698-77200	GEAR, INTERNAL	1							
20	2	129698-77210	BRACKET	1							
21	2	129698-77220	PINION ASSY	1							
22	2	129698-77230	SHAFT(PINION)	1							
23	2	124195-77770	THROUGH BOLT	2							
24	1	26156-120302	BOLT, M12X 30 PLATED	2							
25	1	26376-120002	NUT, M12	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



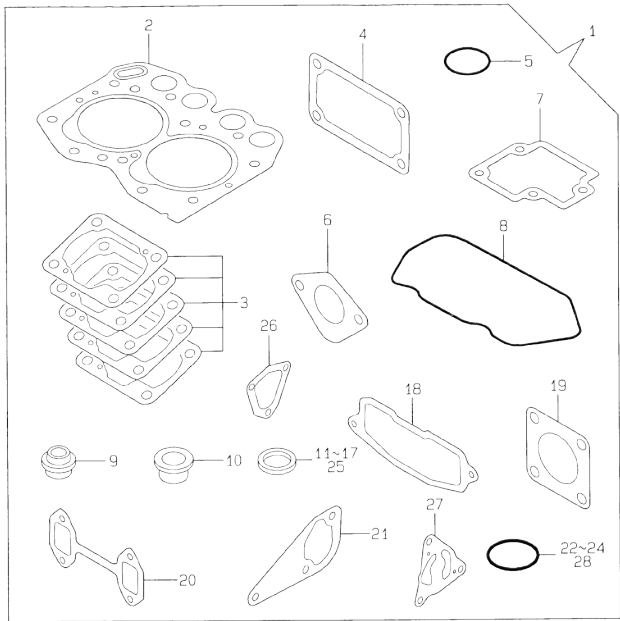
(A)=2TNE68-LW
(B)=
(C)=

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

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							
33	1	194145-56901	CABLE METER COMP.	1							
34	1	119650-77910	RELAY ASSY, GLOW	1							
35	1	119632-77920	TIMER	1							
36	1	171080-91100	TACHOMETER	1							

Fig.17. GASKET SET

17.GASKET SET



Remarks
(1) OPTIONAL PART.

(A)=2TNE68-LW
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719325-92601	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	22190-060003	SEAL WASHER 6	2							
14	2	22190-120002	WASHER, SEAL 12	2							
15	2	104200-59170	GASKET, 12	2							
16	2	23414-080012	GASKET, 8X1.0	2							
17	2	23414-140000	GASKET, 14X1.0	2							
18	2	119305-12160	GASKET, MANIFOLD	1							
19	2	124701-11911	GASKET, SILENCER	1							
20	2	119305-13110	GASKET	1							
21	2	119260-42020	GASKET, WATER PUMP	1							
22	2	24321-000350	O-RING, 1AG35.0	1							
23	2	24311-000120	O-RING, 1AP12.0	4							
24	2	24341-000240	O-RING, 1AS24.0	1							
25	2	22190-220002	WASHER, SEAL 22	1							
26	2	119660-61071	GASKET	1							
27	2	119660-32020	GASKET, PUMP	1							
28	2	119209-35030	O-RING, P11	1							
29	1	129400-92400	FLEX HORN	1							1
30	1	977770-01212	GASKET, LIQUID	1							1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	14	17
102103-55520	14	9
104200-55321	14	5
104200-55330	14	6
104200-55750	14	14
104200-59170	14	19
	17	15
105010-11230	4	27
	31	
105027-12570	5	10
105027-12580	5	11
105225-59520	14	18
105546-51330	11	24
110250-55610	14	10
114250-11120	4	17
114250-11180	4	18
114250-53130	13	9
114250-53400	13	11
119209-35030	9	26
	17	28
119225-35300	9	16
119225-42290	10	15
119225-42320	10	10
119225-51100	11	3
119225-51300	11	21
119232-61540	12	43
119233-12540	5	7
119233-12670	5	12
119256-49530	10	18
119260-01200	1	21
119260-01510	2	15
119260-01590	2	1
119260-02020	1	5
119260-02800	1	13
119260-02930	1	16
119260-07900	4	3
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
119260-14100	7	6
119260-14200	7	1
119260-14400	7	2
119260-21200	8	4
119260-23910	8	28

Parts No.	Fig. No.	Ref. No.
119260-25100	7	10
119260-32000	9	1
119260-42002	10	1
119260-42020	10	12
	17	21
119260-49800	10	19
119260-59520	13	33
119260-59530	13	34
119260-59550	13	35
119265-11260	4	38
119265-22300	8	23
119265-22500	8	17
119265-22601	8	15
119265-23100	8	25
119265-23200	8	29
119266-02410	1	19
119266-51900	11	41
119285-01580	3	18
119285-01601	3	2
119285-03140	4	1
119285-61120	12	11
119285-61130	12	12
119285-61140	12	13
119285-61210	12	14
119285-61510	12	27
119285-66080	12	51
119305-01490	2	13
119305-01760	3	10
119305-01950	2	21
	17	3
119305-03020	4	46
119305-03031	4	47
	17	7
119305-11240	4	34
119305-11310	4	49
	17	8
119305-11350	4	44
119305-12160	5	1
	17	18
119305-13100	6	1
119305-13110	6	2
	17	20
119305-14200	7	16
119305-14580	7	3
119305-35150	9	15
119305-51500	11	30
119305-51530	11	32
119305-59120	13	18
119305-77820	4	57
119309-01330	1	22

Parts No.	Fig. No.	Ref. No.
119309-01330	17	2
119309-21700	8	1
119309-59810	13	23
119309-59820	13	27
119325-11200	4	25
119325-21650	8	8
119332-59540	13	31
119385-01740	3	15
119385-12730	5	2
119385-21592	8	12
119385-35080	9	25
119385-49310	10	28
119385-49331	10	29
119600-11450	4	23
	17	10
119600-11460	4	24
	17	11
119600-61100	12	4
119600-61200	12	5
119600-61541	12	44
119600-61650	12	45
119600-61900	12	49
119600-66020	12	59
119600-66530	12	67
119600-66840	12	99
119610-66700	12	73
119620-01620	3	5
119620-01800	2	3
119620-02450	7	4
119620-11350	4	42
119620-11390	4	50
119620-21500	8	11
119620-21941	8	10
119620-25912	7	12
119620-42350	10	14
119620-49290	10	25
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
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