

0CV10-M76200EN

PREFACE

1. This Parts Catalog carries all parts incorporated in YANMAR Model 3TNE68 - AK engine manufactured since June, 2000.
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.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)

1

REF.

2

LEV.

PARTS NO.

DESCRIPTION

(A)=4JH-DT
(B)=4JH-DTZ
(C)=4JH-DTZP

(D)=4JH-DTZA
(E)=4JH-DTZY
(F)=

Q'TY

(A) (B) (C) (D) (E) (F)

3

I

5

R

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 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 $\xrightarrow{\text{No}}$	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 Mark

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

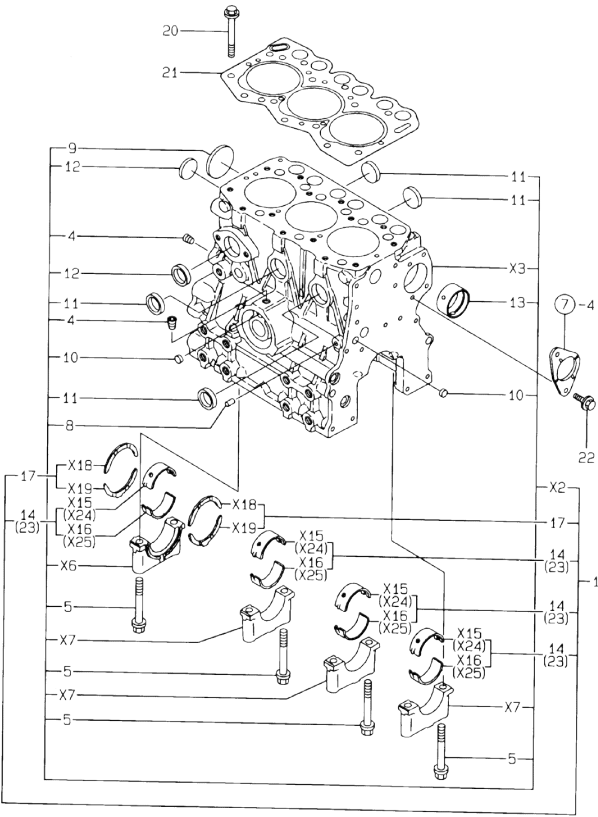
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

Contents

Fig. No.	Fig. Name	Fig. No.	Fig. Name
3TNE68-AK			
1.	CYLINDER BLOCK		
2.	GEAR HOUSING		
3.	FLYWHEEL HOUSING & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	SUCTION MANIFOLD & AIR CLEANER		
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		

Fig.1. CYLINDER BLOCK

1. CYLINDER BLOCK



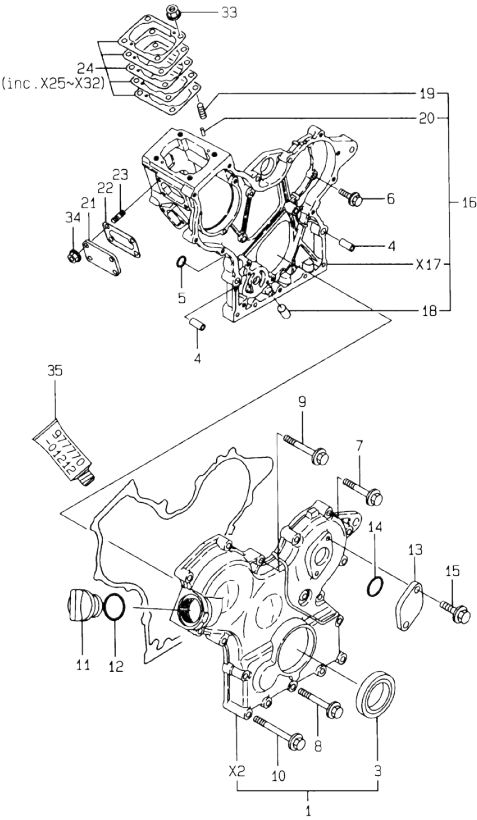
X-MARK PARTS: NOT SOLD SEPARATELY.

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719265-01560	BLOCK ASSY, CYLINDER	1							
4	3	124060-01050	PLUG, PT1/8	2							
5	3	119260-02020	BOLT, METAL CAP	8							
8	3	27221-060100	PLUG, 6X10	1							
9	3	119265-01250	PLUG, 40	1							
10	3	27241-100000	PLUG, 10	2							
11	3	27241-250000	PLUG, 25	4							
12	3	27241-300000	PLUG 30	2							
13	3	119266-02410	BUSH	1							
14	2	119260-02800	BEARING, MAIN	4							
17	2	119260-02930	BEARING, THRUST	2							
20	1	119266-01200	BOLT, HEAD	14							
21	1	119265-01341	GASKET, HEAD	1							
22	1	26106-060122	BOLT, M6X 12 PLATED	2							
23	1	719260-02870	BEARING, 0.25 US	4							1

Fig.2. GEAR HOUSING

2. GEAR HOUSING



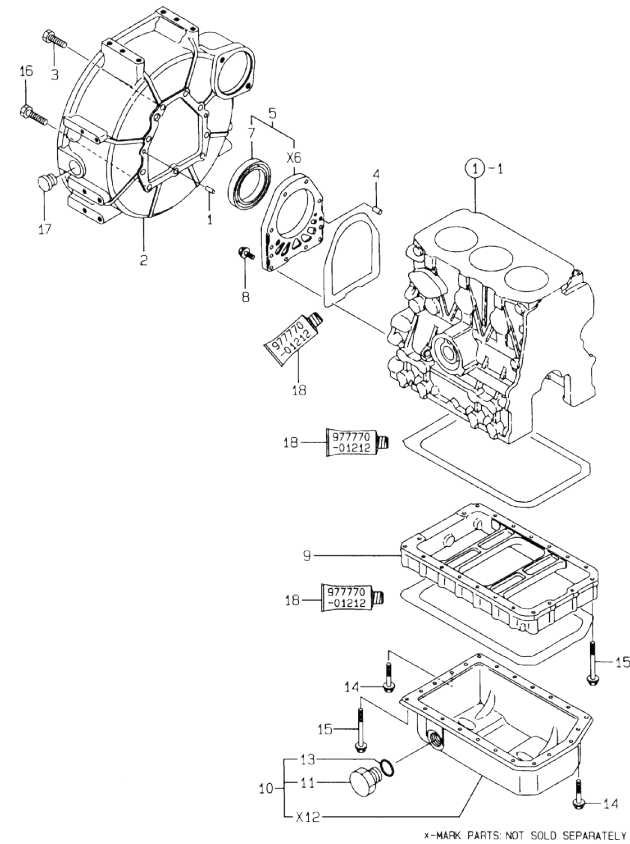
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-01590	COVER ASSY,GEAR CASE	1							
3	2	119620-01800	SEAL, OIL	1							
4	1	119660-01911	PIPE, KNOCK	4							
5	1	119624-32040	O-RING, P12.0	2							
6	1	26106-060162	BOLT, M6X 16 PLATED	5							
7	1	26106-060302	BOLT, 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	121023-01550	COVER	1							
14	1	24341-000240	O-RING, 1AS24.0	1							
15	1	26106-060162	BOLT, M6X 16 PLATED	2							
16	1	119260-01490	CASE ASSY, GEAR	1							
18	2	119260-01510	PLUG	1							
19	2	121450-01560	STUD, M8X22	4							
20	2	22351-040010	PIN, SPRING 4.0X10	2							
21	1	119660-01551	COVER	1							
22	1	119660-01562	GASKET	1							
23	1	119660-01570	STUD, M6X12	4							
24	1	119623-01950	SHIM SET, ADJUSTING	1							
33	1	194990-22050	NUT, M8	4							
34	1	26366-060002	NUT, M6	4							
35	1	977770-01212	GASKET, LIQUID	1							1

Remarks
(1) OPTIONAL PART.

N:Old $\frac{Y10}{10}$ New, Q:Old $\frac{H10}{10}$ New, R:Old $\frac{Y10}{10}$ New, S:Old $\frac{H10}{10}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.3. FLYWHEEL HOUSING & OIL SUMP



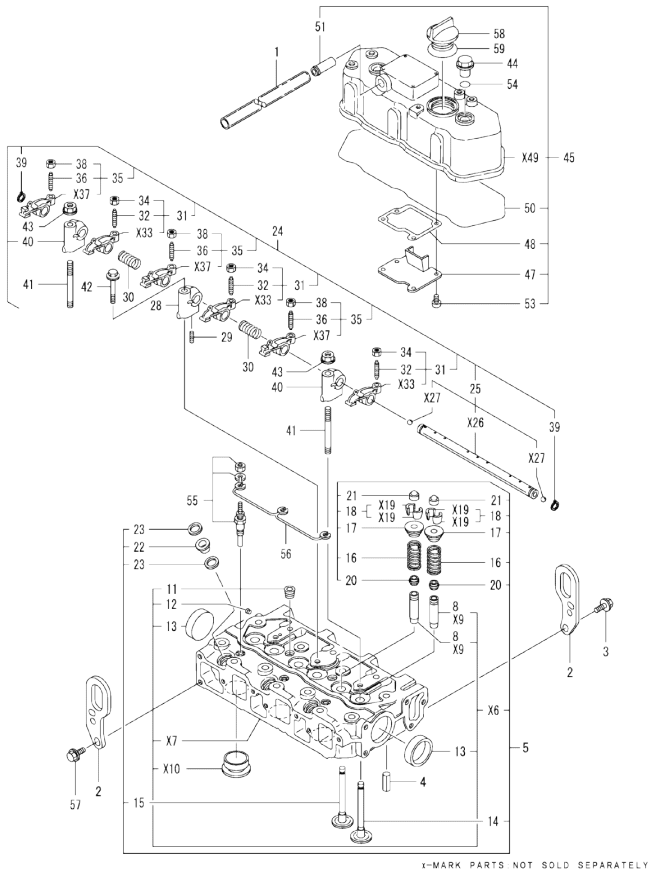
Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2							
2	1	119280-01601	HOUSING, FLYWHEEL	1							
3	1	26206-100252	BOLT, M10X 25 PLATED	6							
4	1	119620-01620	PIN, M6X10	2							
5	1	119660-01640	CASE ASSY, OIL SEAL	1							
7	2	124085-02220	SEAL, OIL	1							
8	1	26106-060222	BOLT, M6X 22 PLATED	10							
9	1	119454-01721	SPACER, OIL SUMP	1							
10	1	119260-01770	SUMP ASSY, OIL	1							
11	2	121400-01640	PLUG, 16	1							
13	2	24311-000180	O-RING, 1AP18.0	1							
14	1	26106-060102	BOLT, M6X 10 PLATED	3							
15	1	26106-060452	BOLT, M6X 45 PLATED	20							
16	1	121120-01620	BOLT, M10X28	3							
17	1	119620-01750	CAP	1							
18	1	977770-01212	GASKET, LIQUID	1							1

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



X-MARK PARTS NOT SOLD SEPARATELY

Remarks
(1) REPAIR PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	23065-120500	PIPE, 12X 500	1							
2	1	119260-07900	LIFTER	2							
3	1	26106-080142	BOLT, M8X 14 PLATED	1							
4	1	22351-060012	PIN, SPRING 6.0X12	2							
5	1	119265-11700	HEAD ASSY, CYLINDER	1							1
8	3	119260-11800	GUIDE, VALVE	6							
11	3	23876-030000	PLUG, R03	2							
12	3	27221-050080	PLUG, 5X 8	1							
13	3	27241-350000	PLUG, 35	2							
14	2	119260-11100	VALVE, INTAKE	3							
15	2	119260-11110	VALVE, EXHAUST	3							
16	2	114250-11120	SPRING, VALVE	6							
17	2	114250-11180	RETAINER, SPRING	6							
18	2	714250-11570	COTTER ASSY	6							
20	2	119260-11340	SEAL, VALVE STEM	6							
21	2	119260-11370	CAP VALVE	6							
22	2	119600-11450	PROTECTOR, NOZZLE	3							
23	2	119600-11460	GASKET, NOZZLE	6							
24	1	119260-11200	SUPPORT ASSY, ARM	1							
25	2	119260-11240	SHAFT ASSY, ROCKER	1							
28	2	119260-11260	SUPPORT, ROCKER ARM	1							
29	2	119260-11270	SCREW	1							
30	2	119260-11280	SPRING	2							
31	2	719260-11650	ARM ASSY, ROCKER	3							
32	3	105010-11230	SCREW, VALVE ADJUST	3							
34	3	26756-060002	NUT, LOCK M6	3							
35	2	719260-11660	ARM ASSY, ROCKER	3							
36	3	105010-11230	SCREW, VALVE ADJUST	3							
38	3	26756-060002	NUT, LOCK M6	3							
39	2	22242-000100	RING, 10	2							
40	2	119265-11260	SUPPORT, ROCKER ARM	2							
41	1	119620-11350	STUD	2							
42	1	26106-080452	BOLT, M8X 45 PLATED	1							
43	1	26366-080002	NUT, M8	2							
44	1	124160-11360	KNOB	2							
45	1	119260-11331	BONNET ASSY, HEAD	1							
47	2	119260-03020	PLATE, SHELTER	1							
48	2	119260-03031	GASKET	1							
50	2	119260-11310	GASKET, BONNET	1							
51	2	118400-03060	JOINT, BREATHER	1							
53	2	22857-500100	SCREW, 5X10	4							
54	1	24311-000120	O-RING, 1AP12.0	2							
55	1	129795-77800	PLUG, GLOW	3							
56	1	119620-77820	CONNECTOR, GLOW PLUG	1							
57	1	26106-080142	BOLT, M8X 14 PLATED	2							
58	1	124160-01751	COVER, FILLER	1							
59	1	24311-000320	O-RING, 1AP32.0	1							

N:Old $\frac{YBS}{100}$ New, Q:Old $\frac{H0}{100}$ New, R:Old $\frac{YBS}{100}$ New, S:Old $\frac{H0}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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5. SUCTION MANIFOLD & AIR CLEANER

[illegible]

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

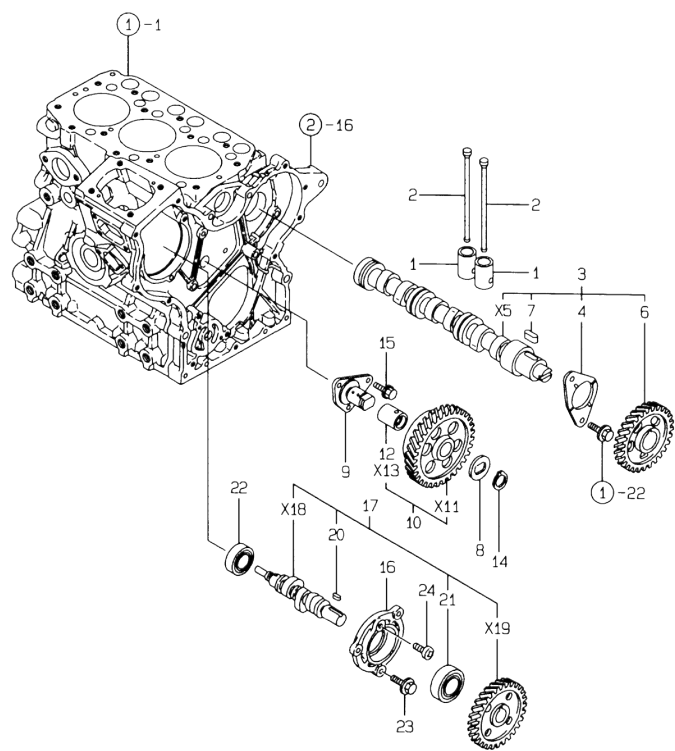
This diagram illustrates the exploded view of a cylinder head assembly. The components are numbered as follows:

- 1**: Main cylinder head casting.
- 2**: Gasket for the main head.
- 3**: Bolt for the main head.
- 4**: Gasket for the valve cover.
- 5**: Bolt for the valve cover.
- 6**: Nut for the valve cover.
- 7**: Valve cover casting.
- 8**: Gasket for the valve cover.
- 9**: Bolt for the valve cover.
- 10**: Nut for the valve cover.

[illegible]

Fig.7. CAMSHAFT & DRIVING GEAR

7.CAMSHAFT & DRIVING GEAR



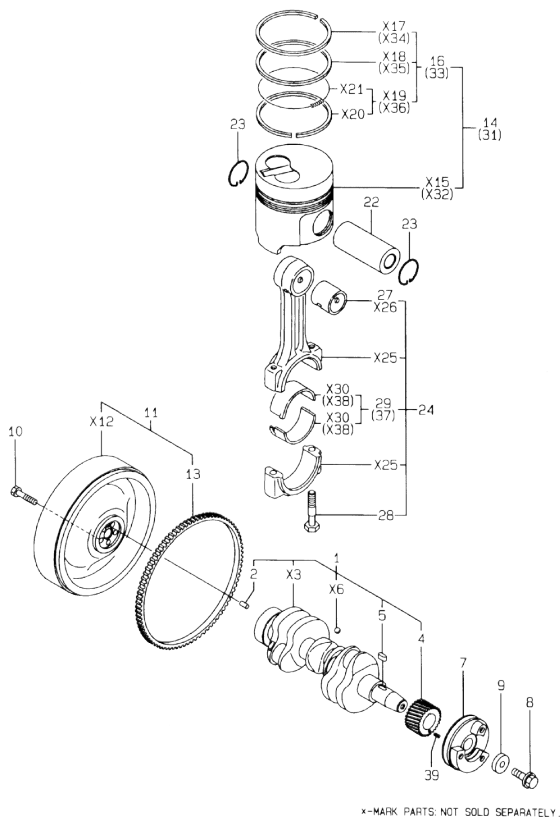
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-14200	TAPPET	6							
2	1	119260-14400	ROD, PUSH	6							
3	1	119260-14580	CAMSHAFT ASSY	1							
4	2	119620-02450	BEARING, THRUST	1							
6	2	119260-14100	GEAR, CAMSHAFT	1							
7	2	22512-040120	KEY, 4X 12	1							
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	119660-01821	BEARING, FUEL CAM	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							
23	1	26106-060162	BOLT, M6X 16 PLATED	3							
24	1	26587-080102	SCREW, M8X10	1							

Remarks

(1) REPAIR PART.

Fig.8. CRANKSHAFT & PISTON

B.CRANKSHAFT & PISTON

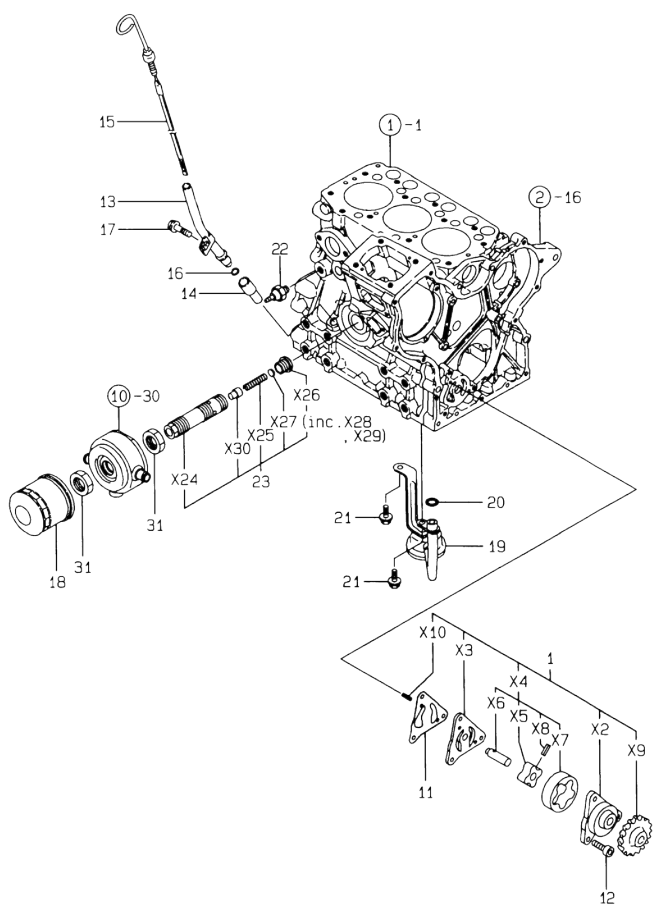


x-MARK PARTS: NOT SOLD SEPARATELY.

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119265-21700	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	119233-21691	V-PULLEY	1							
8	1	119621-21680	BOLT, FLANGE 12X1.25	1							
9	1	119620-21941	WASHER	1							
10	1	121111-21501	BOLT, FLYWHEEL	5							
11	1	119688-21591	FLYWHEEL ASSY	1							
13	2	119865-21600	GEAR, RING	1							
14	1	119265-22090	PISTON ASSY	3							
16	2	119265-22500	RING SET, PISTON	3							
22	1	119265-22300	PIN, PISTON	3							
23	1	22252-000200	RING, 20	6							
24	1	119265-23100	ROD ASSY, CONNECTING	3							
27	2	119260-23910	BEARING, PISTON PIN	3							1
28	2	119265-23200	BOLT, CONNECTING ROD	6							
29	2	719260-23600	BEARING, CRANK PIN	3							
31	1	119265-22900	PISTON ASSY, 0.25 OS	3							2
33	2	119265-22950	RING SET, 0.25 OS	3							2
37	1	719260-23610	BEARING ASSY, 0.25	3							3
39	1	22351-030010	PIN, SPRING 3.0X10	1							

9.LUB.OIL SYSTEM

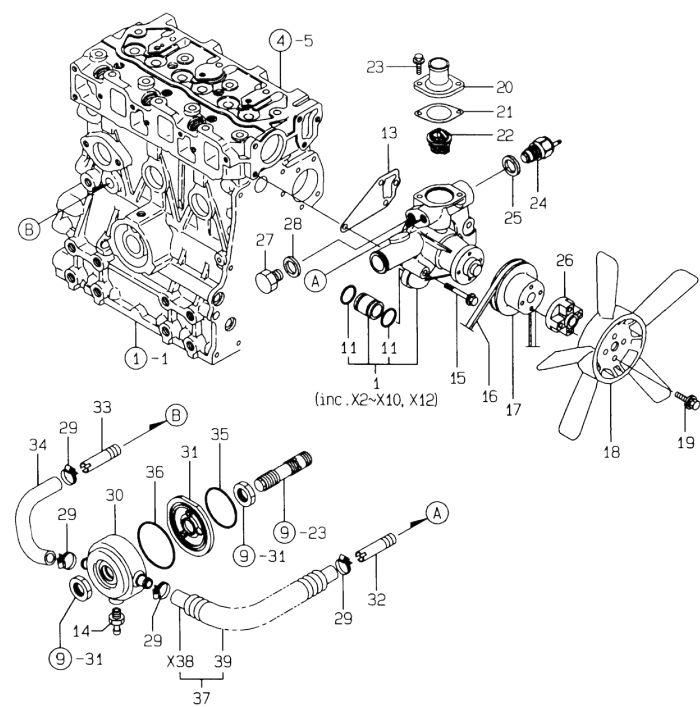


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-32000	PUMP ASSY, OIL	1							
11	1	119660-32020	GASKET, PUMP	1							
12	1	26450-060202	BOLT, M6X 20	3							
13	1	119225-34810	GUIDE, DIPSTICK	1							
14	1	119260-34810	GUIDE, DIPSTICK	1							
15	1	119285-34821	DIPSTICK, LUB. OIL	1							
16	1	24311-240100	O-RING, 1AP10A	1							
17	1	26106-060102	BOLT, M6X 10 PLATED	1							
18	1	119305-35150	FILTER, OIL	1							
19	1	119260-35081	PIPE, OIL INLET	1							
20	1	119209-35030	O-RING, P11	1							
21	1	26106-060122	BOLT, M6X 12 PLATED	2							
22	1	114250-39450	SWITCH, 0.5KG	1							
23	1	119265-35300	VALVE ASSY, CONTROL	1							
31	1	129150-35350	NUT	2							

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

Fig.10. COOLING WATER SYSTEM

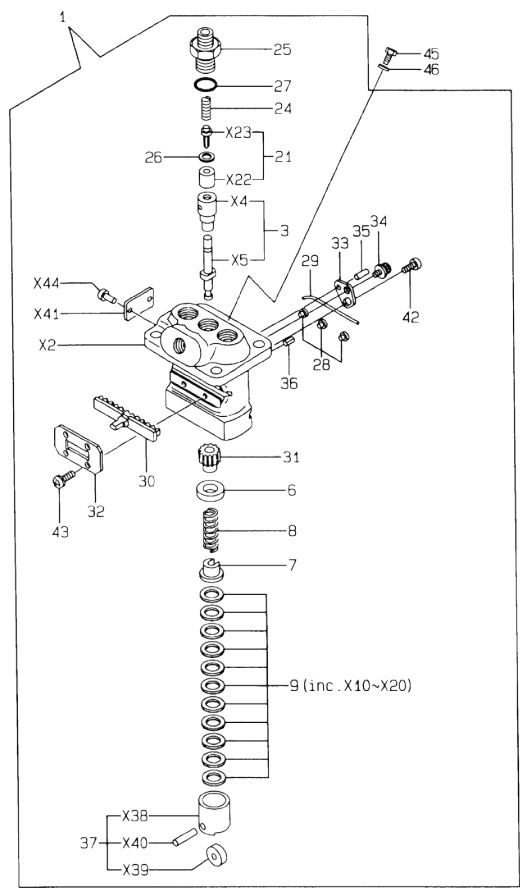
10.COOLING WATER SYSTEM



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119265-42002	PUMP ASSY, WATER	1							
11	2	119209-42320	O-RING, P21 EPDM	2							
13	1	119260-42021	GASKET, WATER PUMP	1							
14	1	121550-49111	JOINT, PT1/4	1							
15	1	26106-080452	BOLT, M8X 45 PLATED	3							
16	1	104514-42780	V-BELT, HM33	1							
17	1	119620-42350	V-PULLEY	1							
18	1	124700-44740	FAN, COOLING 5X310	1							
19	1	26014-060352	BOLT, M6X 35	4							
20	1	129350-49530	COVER, THERMOSTAT	1							
21	1	129350-49541	GASKET	1							
22	1	129350-49800	THERMOSTAT, 71	1							
23	1	26106-080202	BOLT, M8X 20 PLATED	2							
24	1	121250-44901	SWITCH, 110	1							
25	1	124465-44950	GASKET, 16	1							
26	1	121267-44760	SPACER	1							
27	1	121450-42450	PLUG, M16	1							
28	1	124465-44950	GASKET, 16	1							
29	1	171008-03990	CLIP, HOSE 18.5	4							
30	1	119642-33030	COOLER, OIL	1							
31	1	119642-33100	BRACKET, COOLER	1							
32	1	129122-44480	JOINT	1							
33	1	129122-44480	JOINT	1							
34	1	119642-49030	PIPE, WATER	1							
35	1	24321-000600	O-RING, 1AG60.0	1							
36	1	24321-000700	O-RING, 1AG70.0	1							
37	1	119265-49060	PIPE ASSY, WATER	1							

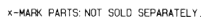
Fig.11. FUEL INJECTION PUMP

11.FUEL INJECTION PUMP



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719266-51100	PUMP ASSY, INJECTION	1							
3	2	119225-51100	PLUNGER ASSY	3							
6	2	119620-51170	RETAINER, SPRING A	3							
7	2	119620-51180	RETAINER, SPRING B	3							
8	2	119620-51190	SPRING, PLUNGER	3							
9	2	119620-51250	SHIM SET	3							
21	2	119225-51300	VALVE ASSY, DELIVERY	3							
24	2	105546-51330	SPRING, DELIVERY	3							
25	2	119620-51340	HOLDER, DELIVERY	3							
26	2	119620-51350	GASKET	3							
27	2	119620-51370	O-RING	3							
28	2	119620-51450	PIECE	3							
29	2	119620-51461	PIN	1							
30	2	119660-51500	RACK, CONTROL	1							
31	2	119620-51510	PINION	3							
32	2	119660-51530	RETAINER, RACK	1							
33	2	119620-51650	PLATE	2							
34	2	119620-51660	SCREW	2							
35	2	119620-51670	PIN	2							
36	2	119620-51680	PIN	1							
37	2	119620-51700	TAPPET ASSY	3							
42	2	26022-040082	SCREW, M4X 8	4							
43	2	26033-040102	SCREW, M4X10	2							
45	1	119266-51900	BOLT	1							
46	1	22190-080002	WASHER, SEAL 6	1							

12. GOVERNOR



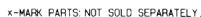
(1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER(REFER TO ILLUSTRATION)

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
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++ CONTINUE ++

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(A)=3TNE68-AK
(B)=
(C)=

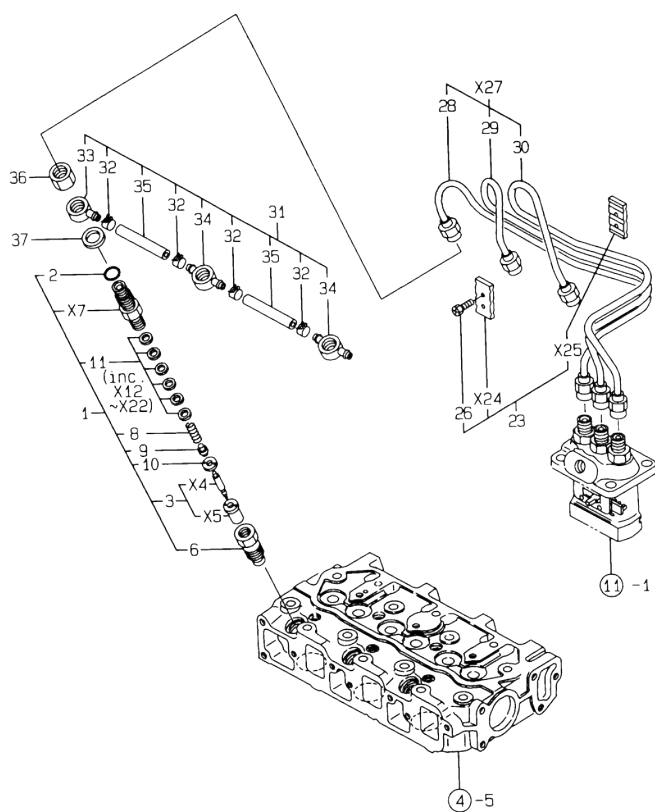


				(A)=3TNE68-AK (B)= (C)=	(D)= (E)= (F)=							
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R	
117	1	22190-060003	SEAL WASHER 6	2								
118	1	119288-55901	BRACKET, FILTER	1								
119	1	22111-060000	WASHER, 6	3								

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

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

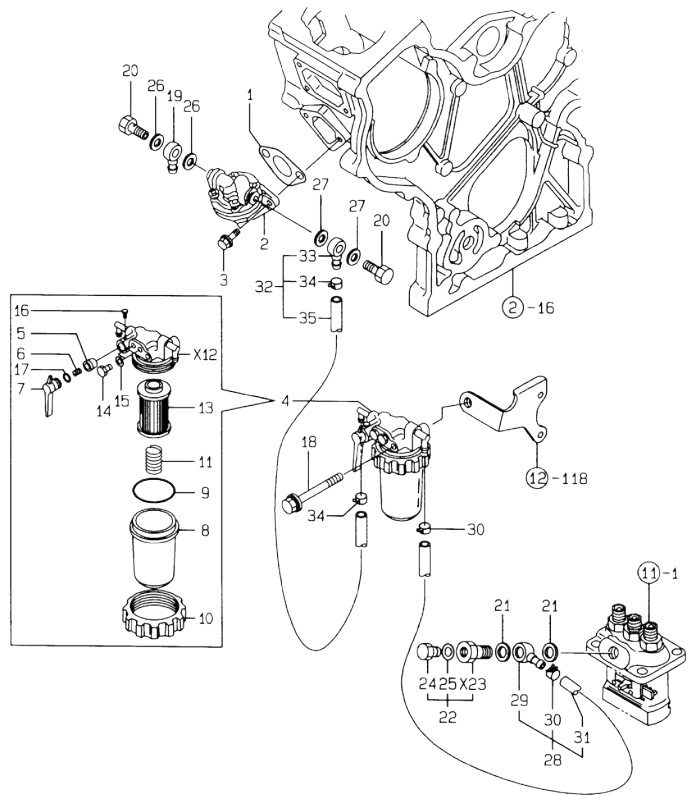
13.FUEL INJECTION VALVE



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719620-53700	VALVE ASSY,INJECTION	3							
2	2	129155-61830	O-RING, S10	3							
3	2	119620-53000	VALVE ASSY,INJECTION	3							
6	2	119620-53080	NUT, NOZZLE	3							
8	2	119620-53120	SPRING, NOZZLE	3							
9	2	114250-53130	SEAT, SPRING	3							
10	2	119620-53140	SPACER, VALVE STOP	3							
11	2	114250-53400	SHIM SET	3							
23	1	129150-59120	RETAINER, PIPE	1							
26	2	129150-59131	BOLT, M4X14	2							
28	2	119225-59810	PIPE ASSY, INJECTION	1							
29	2	119260-59820	PIPE ASSY, INJECTION	1							
30	2	119260-59830	PIPE ASSY, INJECTION	1							
31	1	119260-59540	PIPE ASSY, RETURN	1							
32	2	124066-59100	CLIP, HOSE 8	4							
33	2	119260-59520	JOINT	1							
34	2	119260-59530	JOINT	2							
35	2	119260-59550	PIPE, FUEL	2							
36	1	119620-59700	NUT, NOZZLE	3							
37	1	22190-140002	WASHER, SEAL 14	3							

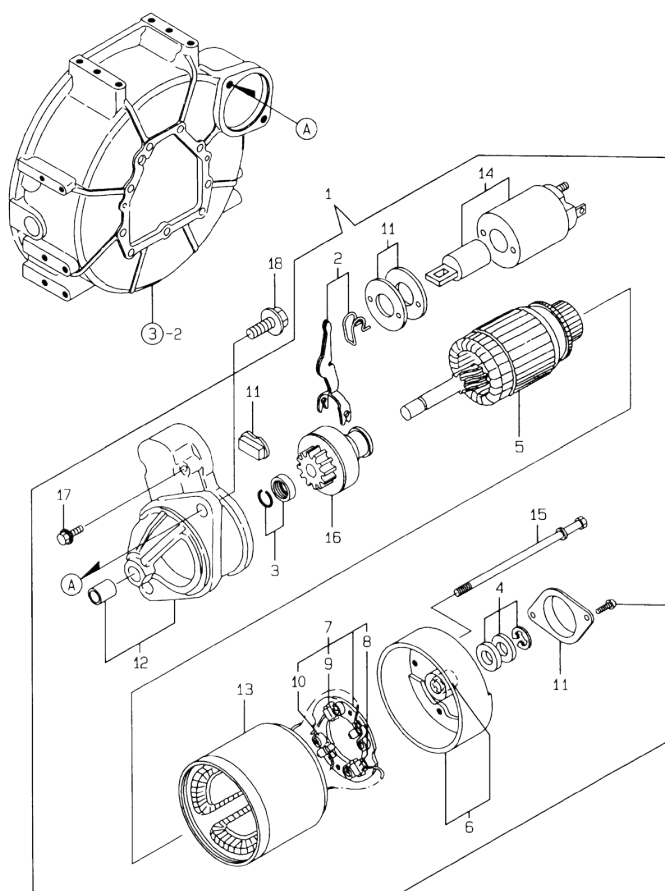
Fig.14. FUEL LINE

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	119600-52021	PUMP ASSY, FUEL FEED	1							
3	1	26106-060162	BOLT, M6X 16 PLATED	2							
4	1	171059-55600	FILTER ASSY, FUEL	1							
5	2	104200-55321	VALVE, TAPER	1							
6	2	104200-55330	SPRING, VALVE	1							
7	2	104200-55341	HANDLE	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	101720-55750	PLUG, 6	2							
15	2	23418-060000	GASKET, 6X1.0	2							
16	2	104200-55750	SCREW, M4	1							
17	2	24311-240100	O-RING, 1AP10A	1							
18	1	26014-080702	BOLT, M8X 70	1							
19	1	104264-59030	JOINT, PIPE 8	1							
20	1	105582-59150	BOLT, PIPE JOINT	2							
21	1	22190-120002	WASHER, SEAL 12	2							
22	1	103854-59191	BOLT ASSY, JOINT M12	1							
24	2	124060-59380	PLUG, 6	1							
25	2	22190-060002	WASHER, SEAL 6	1							
26	1	22190-080002	WASHER, SEAL 6	2							
27	1	22190-080002	WASHER, SEAL 6	2							
28	1	119621-59010	PIPE ASSY, FUEL	1							
29	2	101304-59020	JOINT, PIPE 12	1							
30	2	124766-59050	CLIP, HOSE 12	2							
31	2	121024-59090	PIPE, FUEL D12X450	1							
32	1	119260-59020	PIPE ASSY, D12XL400	1							
33	2	104264-59030	JOINT, PIPE 8	1							
34	2	124766-59050	CLIP, HOSE 12	2							
35	2	121024-59090	PIPE, FUEL D12X450	1							

15. STARTING MOTOR



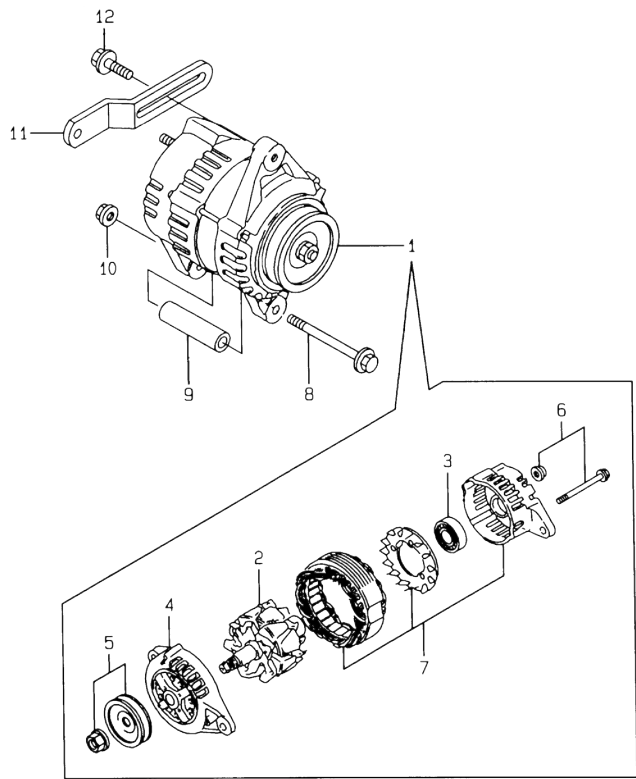
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119631-77011	STARTING MOTOR	1							
2	2	114371-77180	LEVER KIT, SHIFT	1							
3	2	X2114715500	STOPPER SET, PINION	1							
4	2	X2114811000	WASHER KIT, THRUST	1							
5	2	114371-77110	ARMATURE	1							
6	2	114371-77140	COVER 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	124298-77020	SWITCH, MAGNETIC	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

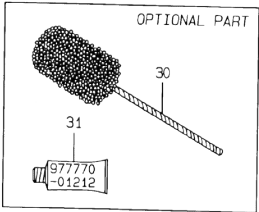
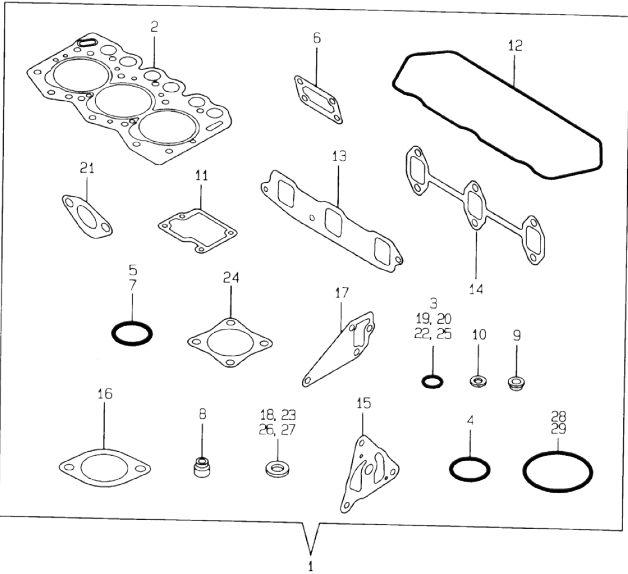
16. GENERATOR



No.	Lev.	Parts No.	Description	(A)=3TNE68-AK (B)= (C)=						Q'ty	I	R
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	119836-77201	GENERATOR (AC)	1								
2	2	129612-77700	ROTOR ASSY	1								
3	2	129612-77710	BEARING, BALL	1								
4	2	129612-77730	BRACKET ASSY, FILTER	1								
5	2	129612-77740	PULLEY	1								
6	2	129612-77750	SCREW KIT	1								
7	2	119836-77920	BRACKET ASSY	1								
8	1	26106-081052	BOLT, M8X105 PLATED	1								
9	1	129150-77340	SPACER	1								
10	1	26366-080002	NUT, M8	1								
11	1	119225-77330	ADJUSTER	1								
12	1	26106-080182	BOLT, M8X 18 PLATED	1								

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	719265-92740	GASKET SET	1							1
2	2	119265-01341	GASKET, HEAD	1							
3	2	24311-000120	O-RING, 1AP12.0	2							
4	2	24311-000320	O-RING, 1AP32.0	2							
5	2	24341-000240	O-RING, 1AS24.0	1							
6	2	119660-01562	GASKET	1							
7	2	24311-000180	O-RING, 1AP18.0	1							
8	2	119260-11340	SEAL, VALVE STEM	6							
9	2	119600-11450	PROTECTOR, NOZZLE	3							
10	2	119600-11460	GASKET, NOZZLE	6							
11	2	119260-03031	GASKET	1							
12	2	119260-11310	GASKET, BONNET	1							
13	2	119270-12110	GASKET, MANIFOLD	1							
14	2	119260-13110	GASKET	1							
15	2	119660-32020	GASKET, PUMP	1							
16	2	129350-49541	GASKET	1							
17	2	119260-42021	GASKET, WATER PUMP	1							
18	2	124465-44950	GASKET, 16	2							
19	2	129155-61830	O-RING, S10	3							
20	2	119624-32040	O-RING, P12.0	2							
21	2	121520-01851	GASKET	1							
22	2	24311-240100	O-RING, 1AP10A	1							
23	2	22190-080002	WASHER, SEAL 6	5							
24	2	121000-13201	GASKET, SILENCER	1							
25	2	119209-35030	O-RING, P11	1							
26	2	22190-140002	WASHER, SEAL 14	3							
27	2	22190-120002	WASHER, SEAL 12	2							
28	2	24321-000600	O-RING, 1AG60.0	1							
29	2	24321-000700	O-RING, 1AG70.0	1							
30	1	129400-92400	FLEX HORN	1							1
31	1	977770-01212	GASKET, LIQUID	1							1

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102103-55520	14	9
103854-59191	14	22
104200-55321	14	5
104200-55330	14	6
104200-55341	14	7
104200-55750	14	16
104264-59030	14	19
		33
104514-42780	10	16
105010-11230	4	32
		36
105546-51330	11	24
105582-59150	14	20
110250-55610	14	10
114250-11120	4	16
114250-11180	4	17
114250-39450	9	22
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
118400-03060	4	51
119131-18320	6	5
119209-35030	9	20
	17	25
119209-42320	10	11
119225-14200	7	17
119225-34810	9	13
119225-51100	11	3
119225-51300	11	21
119225-59810	13	28
119225-77330	16	11
119232-61540	12	44
119233-21691	8	7
119253-13100	6	1
119260-01490	2	16
119260-01510	2	18
119260-01590	2	1
119260-01770	3	10
119260-02020	1	5
119260-02800	1	14

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119260-03020	4	47
119260-03031	4	48
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119260-07900	4	2
119260-11100	4	14
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119260-11200	4	24
119260-11240	4	25
119260-11260	4	28
119260-11270	4	29
119260-11280	4	30
119260-11310	4	50
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119260-11331	4	45
119260-11340	4	20
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119260-11370	4	21
119260-11800	4	8
119260-13110	6	2
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119260-14100	7	6
119260-14200	7	1
119260-14400	7	2
119260-14580	7	3
119260-21200	8	4
119260-23910	8	27
119260-25100	7	10
119260-32000	9	1
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119260-35081	9	19
119260-42021	10	13
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119260-59020	14	32
119260-59520	13	33
119260-59530	13	34
119260-59540	13	31
119260-59550	13	35
119260-59820	13	29
119260-59830	13	30
119260-66010	12	62
119260-66720	12	76
119265-01250	1	9
119265-01341	1	21
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119265-11260	4	40
119265-11700	4	5
119265-21700	8	1
119265-22090	8	14
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119265-22950	8	33
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119265-23200	8	28
119265-35300	9	23
119265-42002	10	1
119265-49060	10	37
119266-01200	1	20
119266-02410	1	13
119266-51900	11	45
119270-12110	5	2
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119275-12101	5	1
119280-01601	3	2
119285-34821	9	15
119285-66080	12	53
119288-55901	12	118
119288-61200	12	16
119288-61510	12	29
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119454-01721	3	9
119462-12550	5	14
119489-12600	5	15
119600-11450	4	22
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119600-11460	4	23
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119600-52021	14	2
119600-61100	12	6
119600-61200	12	7
119600-61541	12	45
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119620-01750	3	17
119620-01800	2	3
119620-02450	7	4
119620-11350	4	41
119620-21941	8	9
119620-25912	7	12
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119620-51670	11	35
119620-51680	11	36
119620-51700	11	37
119620-53000	13	3
119620-53080	13	6
119620-53120	13	8
119620-53140	13	10
119620-59700	13	36
119620-77820	4	56
119621-21680	8	8
119621-59010	14	28
119621-66051	12	63
119623-01950	2	24
119624-32040	2	5
	17	20
119629-66510	12	70
119631-77011	15	1
119631-77651	15	12
119631-77780	15	16
119642-33030	10	30
119642-33100	10	31
119642-49030	10	34
119653-12500	5	5
119653-66500	12	65
119655-12560	5	7
119660-01551	2	21
119660-01562	2	22
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119660-01570	2	23
119660-01640	3	5
119660-01821	7	16
119660-01911	2	4
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119808-12540	5	9
119823-13600	6	9
119836-77201	16	1
119836-77920	16	7
119840-13150	6	7
119865-12600	5	10
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121000-13201	6	8
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121023-01550	2	13
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121267-44760	10	26
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124097-77710	15	13
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129150-77340	16	9
129155-51280	12	17
129155-61480	12	23
129155-61830	13	2
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129350-49530	10	20
129350-49541	10	21
	17	16
129350-49800	10	22
129400-92400	17	30
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129612-77710	16	3
129612-77730	16	4
129612-77740	16	5
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	17	27
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22242-000200	7	14
22252-000200	8	23
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23000-054000	5	16
23065-120500	4	1
23418-060000	14	15
23876-030000	4	11
24101-062034	7	22
24102-063034	7	21
24311-000120	4	54
	17	3
24311-000180	3	13
	17	7
24311-000320	2	12
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24311-240100	9	16
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	17	22
24321-000600	10	35
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24321-000700	10	36
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26014-060352	10	19
26014-080702	14	18
26022-040082	11	42
26033-040102	11	43
26106-060102	3	14
	9	17
	12	59
26106-060122	1	22
	5	17
	7	15
	9	21
26106-060162	2	6
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	5	3
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	14	3
26106-060222	3	8
26106-060282	5	4
26106-060302	2	7
26106-060402	2	8

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26106-060452	3	15
26106-060502	2	9
26106-060652	2	10
26106-060702	12	4
26106-060752	12	5
26106-060952	12	69
26106-080122	5	18
26106-080142	4	3
		57
26106-080182	16	12
26106-080202	10	23
26106-080452	4	42
	10	15
26106-081052	16	8
26116-050102	12	114
26116-060304	12	115
26116-120252	15	18
26206-100252	3	3
26216-060402	6	4
26216-080282	6	10
26366-060002	2	34
26366-080002	4	43
	6	6
	16	10
26450-060202	9	12
26587-080102	7	24
26756-060002	4	34
		38
	12	116
26776-120002	12	110
27221-050080	4	12
27221-060100	1	8
27241-100000	1	10
27241-250000	1	11
27241-300000	1	12
27241-350000	4	13
714250-11570	4	18
719260-02870	1	23
719260-11650	4	31
719260-11660	4	35
719260-23600	8	29
719260-23610	8	37
719265-01560	1	1
719265-92740	17	1
719266-51100	11	1
719620-53700	13	1
977770-01212	2	35
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