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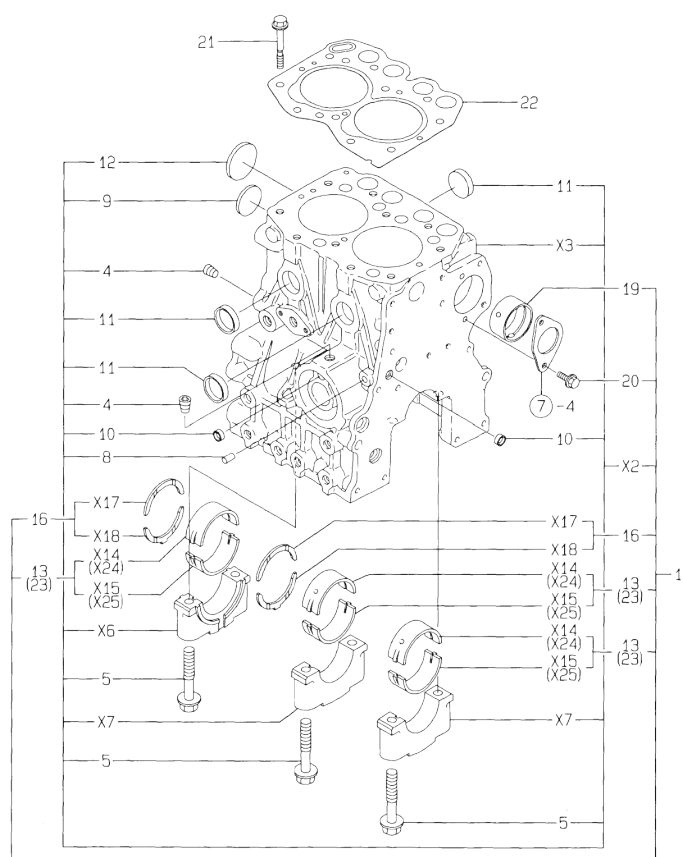
P R E F A C E

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

Contents

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2TNE68-HG			
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4.	CYLINDER HEAD & BONNET		
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8.	CRANKSHAFT & PISTON		
9.	LUB.OIL SYSTEM		
10.	COOLING WATER SYSTEM		
11.	RADIATOR		
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14.	FUEL INJECTION VALVE		
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17.	GASKET SET		

1. CYLINDER BLOCK



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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
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	119266-01200	BOLT, HEAD	10							
22	1	119309-01330	GASKET, CYL. HEAD	1							
23	1	719260-02870	BEARING, 0.25 US	3							

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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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

X2

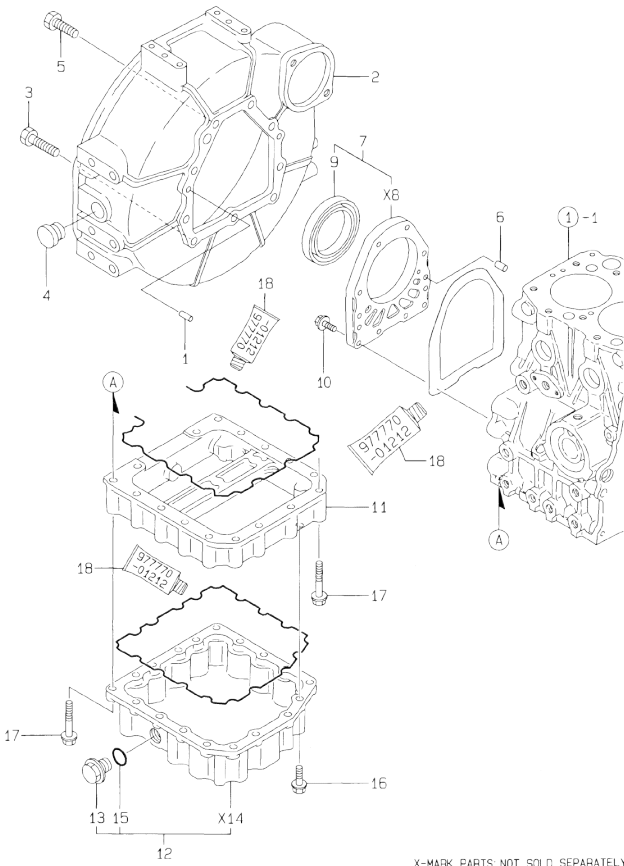
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119260-01590	COVER ASSY,GEAR CASE	1							
3	2	119620-01800	SEAL, OIL	1							
4	1	119660-01911	PIPE, KNOCK	4							
5	1	24311-000120	O-RING, 1AP12.0	2							
6	1	26106-060162	BOLT, M6X 16 PLATED	5							
7	1	26106-060302	BOLT, M6X 30 PLATED	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	121520-01851	GASKET	1							
28	1	119600-52021	PUMP ASSY, FUEL FEED	1							
29	1	26106-060162	BOLT, M6X 16 PLATED	2							
30	1	121023-01550	COVER	1							
31	1	24341-000240	O-RING, 1AS24.0	1							
32	1	26106-060182	BOLT, M6X 18 PLATED	2							
33	1	977770-01212	GASKET, LIQUID	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.3. FLYWHEEL HOUSING & OIL SUMP

3.FLYWHEEL HOUSING & OIL SUMP



X-MARK PARTS: NOT SOLD SEPARATELY.

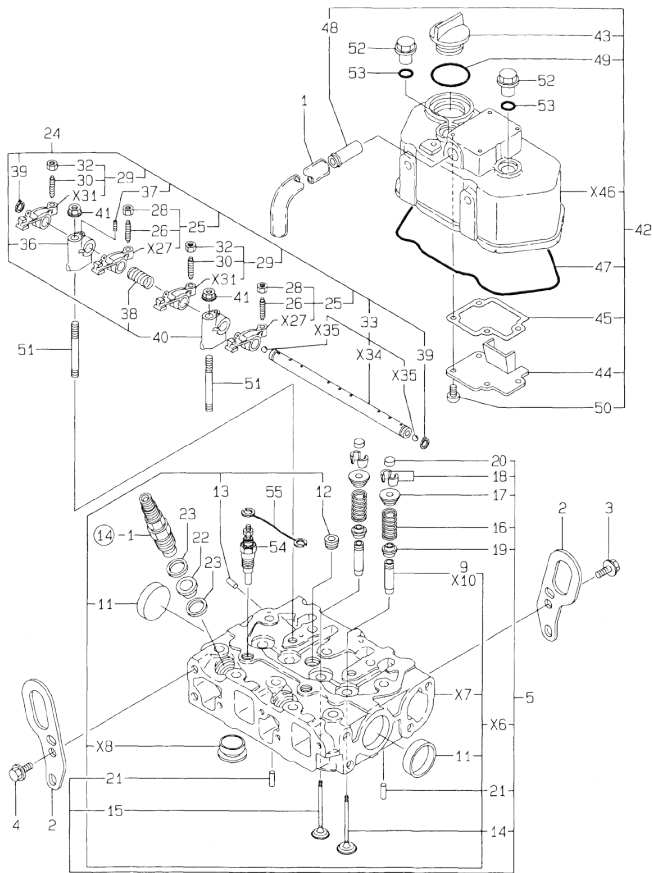
Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2							
2	1	119260-01600	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	119305-01760	SPACER, OIL SUMP	1							
12	1	119332-01771	SUMP ASSY, OIL	1							
13	2	121400-01640	PLUG, 16	1							
15	2	24311-000180	O-RING, 1AP18.0	1							
16	1	26106-060102	BOLT, M6X 10 PLATED	3							
17	1	26106-060452	BOLT, M6X 45 PLATED	16							
18	1	977770-01212	GASKET, LIQUID	1							1

OCV10-M53800

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	23065-120500	PIPE, 12X 500	1							
2	1	119260-07900	LIFTER	2							
3	1	26106-080142	BOLT, M8X 14 PLATED	1							
4	1	26106-080142	BOLT, M8X 14 PLATED	2							
5	1	719325-11700	HEAD ASSY, CYLINDER	1							1
9	3	119260-11800	GUIDE, VALVE	4							
11	3	27241-350000	PLUG, 35	2							
12	3	23871-020000	PLUG, R02	1							
13	3	27221-050080	PLUG, 5X 8	1							
14	2	119260-11100	VALVE, INTAKE	2							
15	2	119260-11110	VALVE, EXHAUST	2							
16	2	114250-11120	SPRING, VALVE	4							
17	2	114250-11180	RETAINER, SPRING	4							
18	2	27310-055000	COTTER	8							
19	2	119260-11340	SEAL, VALVE STEM	4							
20	2	119260-11370	CAP, VALVE	4							
21	2	22351-060012	PIN, SPRING 6.0X12	2							
22	1	119600-11450	PROTECTOR, NOZZLE	2							
23	1	119600-11460	GASKET, NOZZLE	4							
24	1	119305-11200	SUPPORT ASSY, ARM	1							
25	2	719260-11650	ARM ASSY, ROCKER	2							
26	3	105010-11230	SCREW, VALVE ADJUST	2							
28	3	26756-060002	NUT, LOCK M6	2							
29	2	719260-11660	ARM ASSY, ROCKER	2							
30	3	105010-11230	SCREW, VALVE ADJUST	2							
32	3	26756-060002	NUT, LOCK M6	2							
33	2	119305-11240	SHAFT ASSY, ROCKER	1							
36	2	119260-11260	SUPPORT, ROCKER ARM	1							
37	2	119260-11270	SCREW	1							
38	2	119260-11280	SPRING	1							
39	2	22242-000100	RING, 10	2							
40	3	119265-11260	SUPPORT, ROCKER ARM	1							
41	1	26366-080002	NUT, M8	2							
42	1	119305-11350	BONNET ASSY, HEAD	1							
43	2	124160-01751	COVER, FILLER	1							
44	2	119305-03020	PLATE, SHELTER	1							
45	2	119305-03031	GASKET	1							
47	2	119305-11310	GASKET, BONNET	1							
48	2	119620-11390	JOINT	1							
49	2	24311-000320	O-RING, 1AP32.0	1							
50	2	22857-500100	SCREW, 5X10	4							
51	1	119620-11350	STUD	2							
52	1	124160-11360	KNOB	2							
53	1	24311-000120	O-RING, 1AP12.0	2							
54	1	129795-77800	PLUG, GLOW	2							
55	1	119305-77820	CONNECTOR, GLOW PLUG	1							

N:Old $\frac{NBS}{10}$ New, Q:Old $\frac{HQ}{10}$ New, R:Old $\frac{RBS}{10}$ New, S:Old $\frac{HS}{10}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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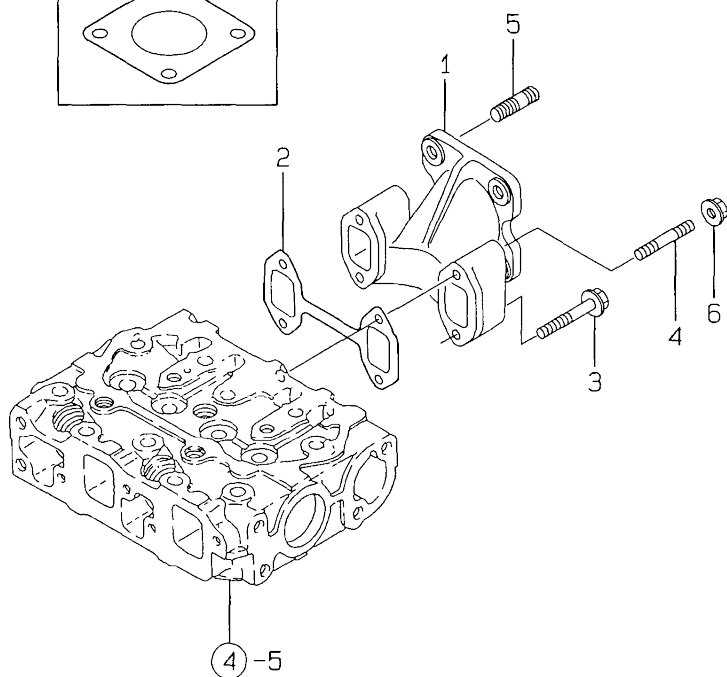
Diagram illustrating the exploded view of the engine assembly, showing the following components labeled with numbers:

- 1: Piston and connecting rod assembly
- 2: Piston ring
- 3: Piston pin
- 4: Piston pin clip
- 5: Piston pin clip
- 6: Piston pin clip
- 7: Piston pin clip
- 8: Piston pin clip
- 9: Piston pin clip
- 10: Piston pin clip

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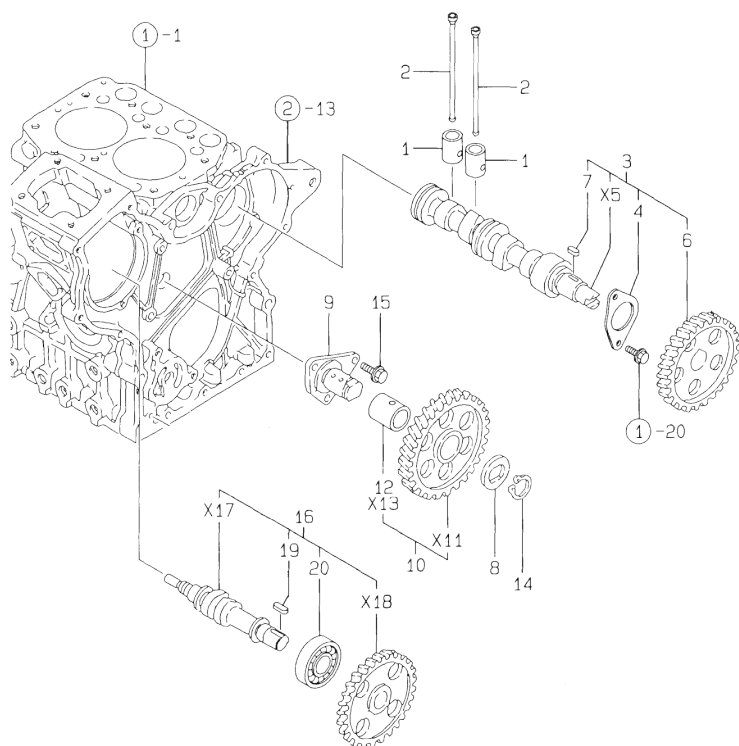
LOOSE PART

7



				(A)=2TNE68-HG						(D)=	
				(B)=						(E)=	
				(C)=						(F)=	
No.	Lev.	Parts No.	Description	Qty						I	R
				(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	119131-18320	STUD, M8X22	4							
6	1	26366-060002	NUT, M6	2							
7	1	121000-13201	GASKET, SILENCER	1							

7. CAMSHAFT & DRIVING GEAR



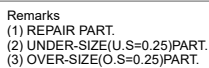
Remarks
(1) REPAIR PART.

No.	Lev.	Parts No.	Description	(A)=2TNE68-HG			(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 $\xleftrightarrow[\text{No}]{\text{Yes}}$ 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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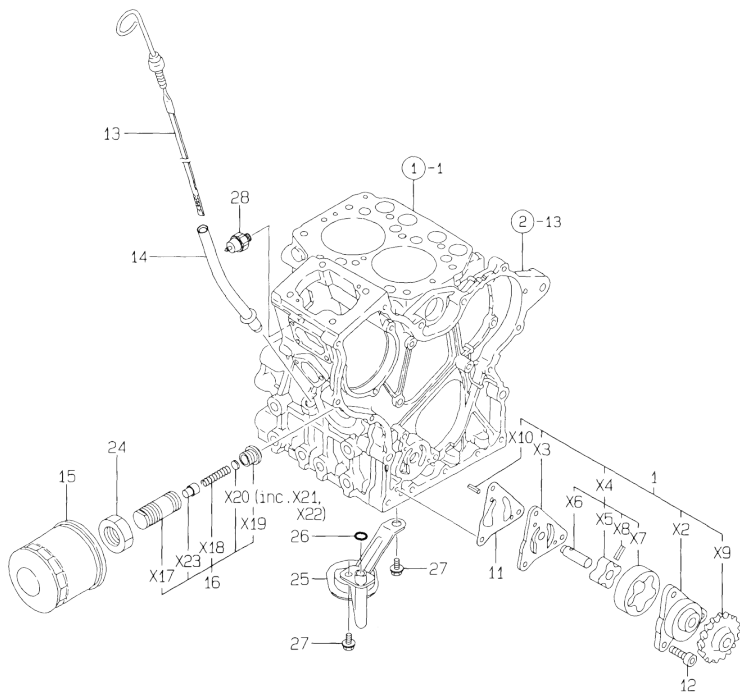
8. CRANKSHAFT & PISTON



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

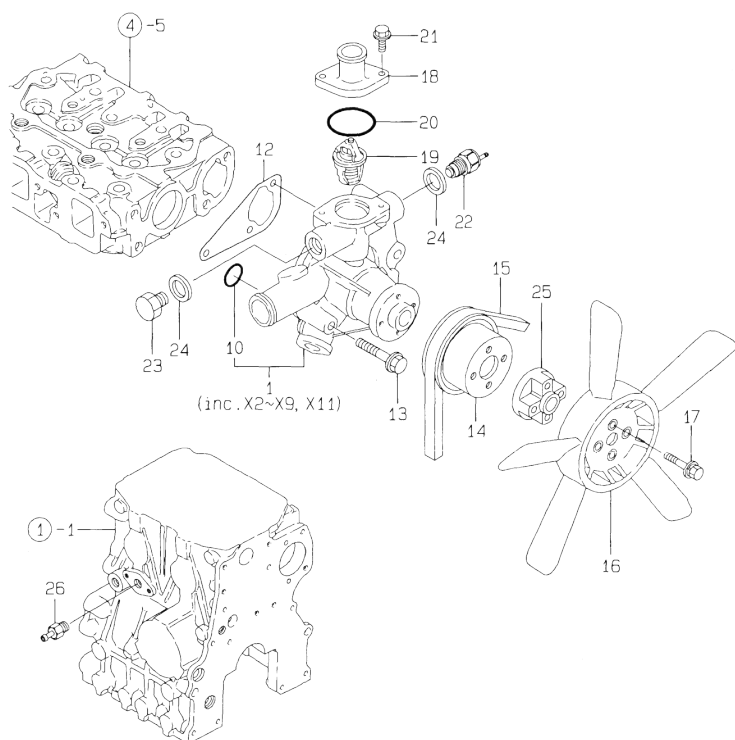
Fig.9. LUB.OIL SYSTEM

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	119325-34870	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	119332-35080	PIPE ASSY, OIL INLET	1							
26	1	119209-35030	O-RING, P11	1							
27	1	26106-060122	BOLT, M6X 12 PLATED	2							
28	1	124160-39450	SWITCH, 0.5KG	1							

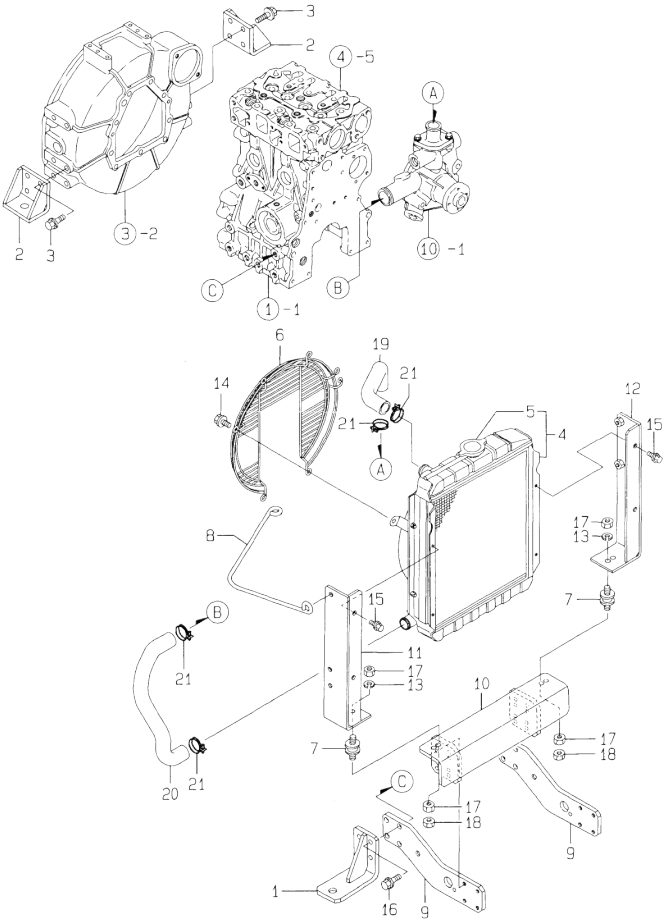
10.COOLING WATER SYSTEM



				(A)=2TNE68-HG (B)= (C)=	(D)= (E)= (F)=						
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119260-42002	PUMP ASSY, WATER PUMP	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	129430-42290	V-BELT, FM32.5	1							
16	1	124700-44740	FAN, COOLING 5X310	1							
17	1	26014-060352	BOLT, M6X 35	4							
18	1	119260-49530	COVER, THERMOSTAT	1							
19	1	119260-49800	THERMOSTAT, 71	1							
20	1	24321-000350	O-RING, 1AG35.0	1							
21	1	26106-060182	BOLT, M6X 18 PLATED	2							
22	1	121250-44901	SWITCH, 110	1							
23	1	121450-42450	PLUG, M16	1							
24	1	124465-44950	GASKET, 16	2							
25	1	121267-44760	SPACER	1							
26	1	121550-49111	JOINT, PT1/4	1							

Fig.11. RADIATOR

11.RADIATOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119288-08100	FOOT	2							
2	1	119888-08110	FOOT	2							
3	1	26106-100202	BOLT, M10X 20 PLATED	8							
4	1	119621-44500	RADIATOR	1							
5	2	119259-44570	CAP, RADIATOR	1							
6	1	119621-44560	GUARD	1							
7	1	121400-44650	ABSORBER	2							
8	1	119265-44940	RETAINER	1							
9	1	119688-44950	BRACKET	2							
10	1	119688-44961	BRACKET, RADIATOR	1							
11	1	119688-44971	SUPPORT, RADIATOR	1							
12	1	119688-44981	SUPPORT, RADIATOR	1							
13	1	22217-100000	WASHER, SPRING 10	2							
14	1	26106-080122	BOLT, M8X 12 PLATED	6							
15	1	26106-080202	BOLT, M8X 20 PLATED	6							
16	1	26106-100302	BOLT, M10X 30 PLATED	8							
17	1	26716-100002	NUT, M10	4							
18	1	26756-100002	NUT, LOCK M10	2							
19	1	119688-49010	PIPE, WATER	1							
20	1	119645-49020	PIPE, WATER	1							
21	1	23010-038000	CLAMP, 38	4							

[illegible]

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719520-51100	PUMP ASSY, INJECTION	1							
3	2	119520-51100	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							

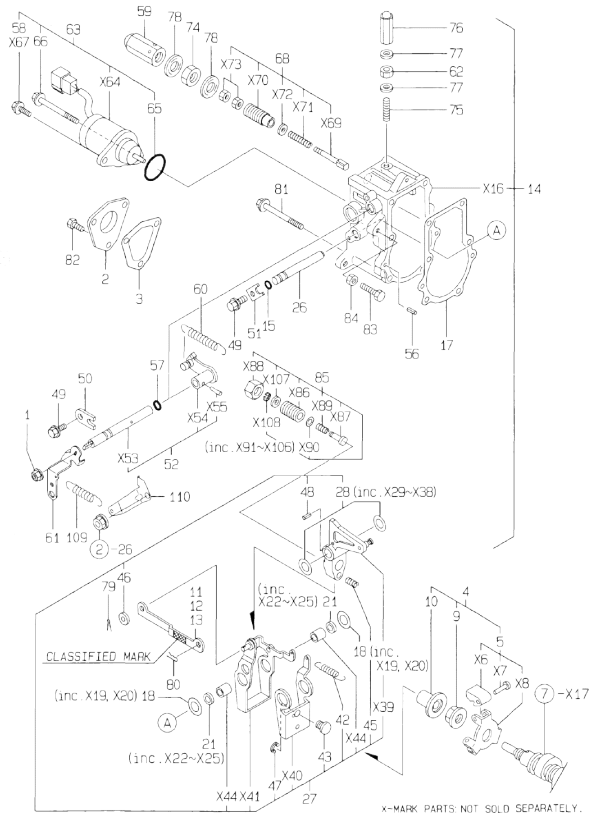
N:Old ¹⁰⁰/₁₀₀ New, Q:Old ¹⁰⁰/₁₀₀ New, R:Old ¹⁰⁰/₁₀₀ New, S:Old ¹⁰⁰/₁₀₀ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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(A)=2TNE68-HG
(B)=
(C)=
(D)=
(E)=
(F)=

Fig.13. GOVERNOR

13. GOVERNOR



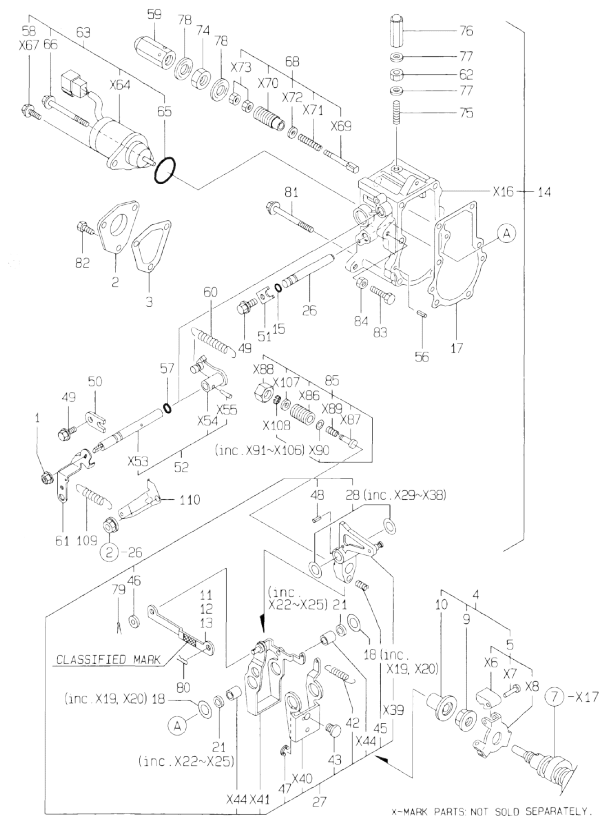
Remarks
(1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER.(REFER TO ILLUSTRATION).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
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	119660-61121	LINK, NO MARK	1							1
12	1	119660-61140	LINK, MARK :2	1							1
13	1	119660-61150	LINK, MARK :3	1							1
14	1	119265-61200	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	119265-61510	LEVER ASSY, GOVERNOR	1							
28	3	174307-51700	SHIM SET	2							
42	3	119232-61540	SPRING	1							
43	3	119600-61541	SHIFTER	1							
45	3	119660-61651	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	26106-060102	BOLT, M6X 10 PLATED	2							
50	2	119600-61900	RETAINER, SHAFT	1							
51	2	119660-61901	RETAINER, SHAFT	1							
52	2	119285-66080	SHAFT ASSY	1							
56	2	22351-040010	PIN, SPRING 4.0X10	2							
57	2	24341-000070	O-RING, 1AS7.0	1							
58	1	121465-59950	BOLT, M6X16	1							
59	1	129100-61930	NUT, CAP	1							
60	1	119621-66021	SPRING, REGULATOR	1							
61	1	119621-66051	LEVER, REGULATOR	1							
62	1	124550-66370	NUT, M6	1							
63	1	119653-66500	STOPPER ASSY	1							
65	2	24341-000280	O-RING, 1AS28.0	1							
66	2	26106-060952	BOLT, M6X 95 PLATED	1							
68	1	119629-66510	LIMITER ASSY, FUEL	1							
74	1	26776-120002	NUT, LOCK M12	1							
75	1	121575-66830	SCREW	1							
76	1	119600-66840	NUT, CAP	1							
77	1	22190-060003	WASHER 6, SEAL	2							
78	1	22190-120002	WASHER, SEAL 12	2							
79	1	22360-040000	PIN, SNAP 4	1							
80	1	22360-060000	PIN, SNAP 6	1							
81	1	26106-060702	BOLT, M6X 70 PLATED	5							
82	1	26116-050102	BOLT, M5X 10 PLATED	3							
83	1	26116-060304	BOLT, M6X 30 PLATED	1							
84	1	26756-060002	NUT, LOCK M6	1							
85	1	119260-66720	ANGLEICH ASSY	1							

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

13. GOVERNOR

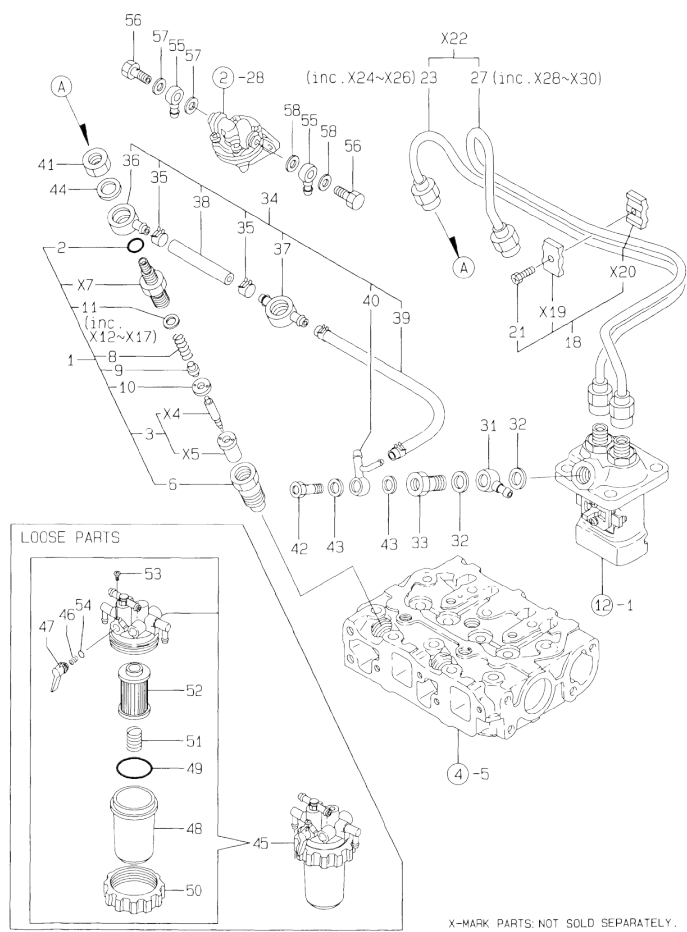


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
109	1	119840-61870	SPRING	1							
110	1	119656-66910	HOOK	1							

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

Fig.14. FUEL INJECTION VALVE

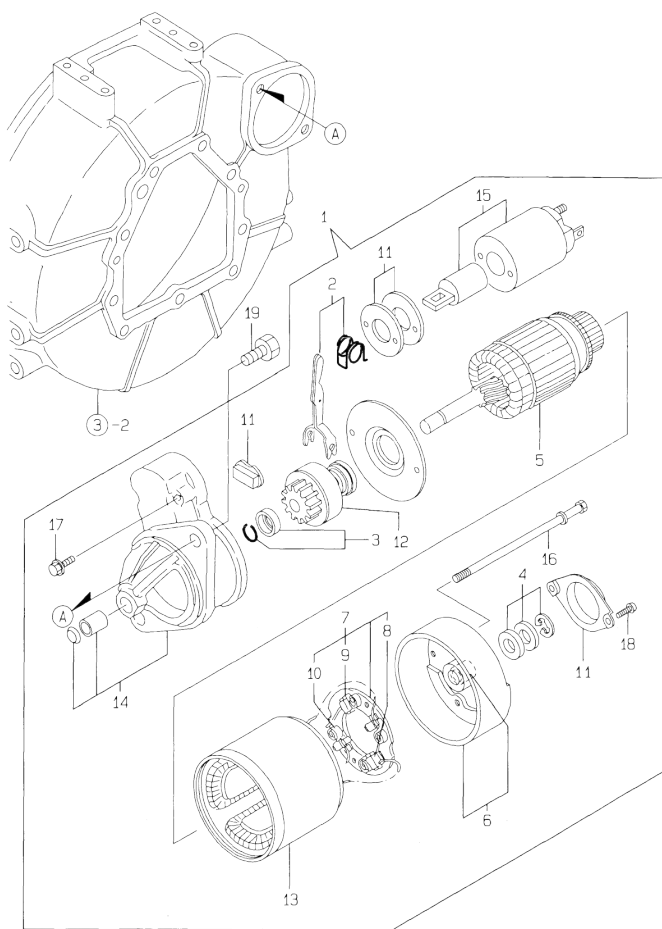
14.FUEL INJECTION VALVE



X-MARK PARTS: NOT SOLD SEPARATELY.

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	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	101304-59020	JOINT, PIPE 12	1							
32	1	104200-59170	GASKET, 12	2							
33	1	119650-59200	BOLT, PIPE JOINT M12	1							
34	1	119332-59540	PIPE ASSY, RETURN	1							
35	2	124066-59100	CLIP, HOSE 8	2							
36	2	119260-59520	JOINT	1							
37	2	119260-59530	JOINT	1							
38	2	119260-59550	PIPE, FUEL	1							
39	2	119642-59550	PIPE, FUEL RETURN	1							
40	2	119642-59570	JOINT, OVER FLOW	1							
41	1	119620-59700	NUT, NOZZLE	2							
42	1	124550-59820	BOLT, PIPE JOINT M8	1							
43	1	23414-080012	GASKET, 8X1.0	2							
44	1	23414-140000	GASKET, 14X1.0	2							
45	1	119255-55620	FILTER ASSY, FUEL	1							
46	2	104200-55330	SPRING, VALVE	1							
47	2	119810-55340	LEVER	1							
48	2	121254-55510	COVER	1							
49	2	102103-55520	O-RING	1							
50	2	110250-55610	RING, RETAINING	1							
51	2	121250-55620	SPRING	1							
52	2	124550-55700	FILTER, FUEL L=90	1							
53	2	104200-55750	SCREW, M4	1							
54	2	24311-240100	O-RING, 1AP10A	1							
55	1	104264-59030	JOINT, PIPE 8	2							
56	1	105582-59150	BOLT, PIPE JOINT	2							
57	1	22190-080002	WASHER, SEAL 6	2							
58	1	22190-080002	WASHER, SEAL 6	2							

15. STARTING MOTOR

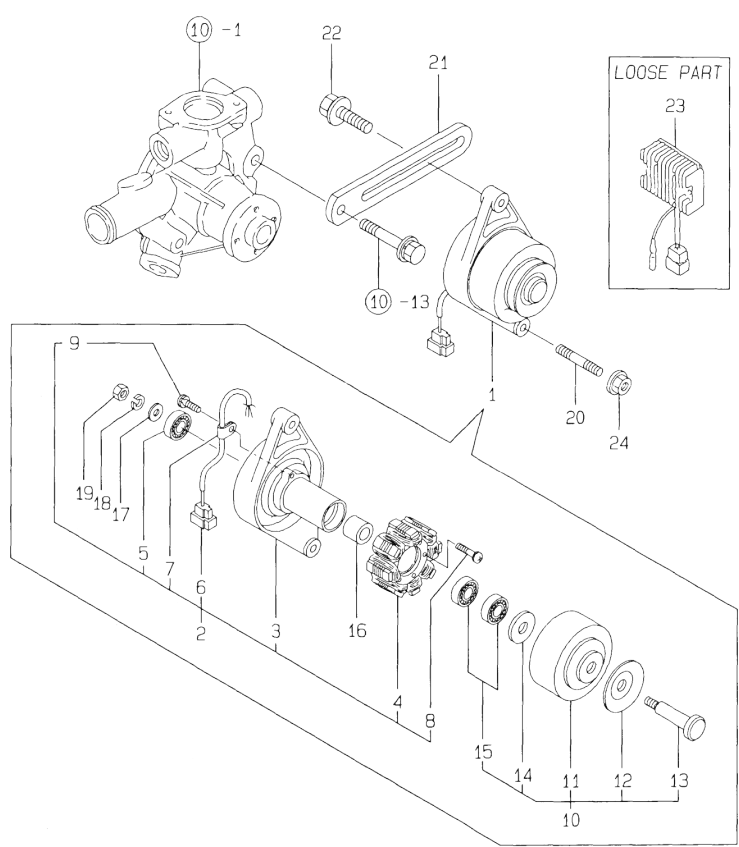


				(A)=2TNE68-HG (B)= (C)=				(D)= (E)= (F)=			
No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty (C)	(D)	(E)	(F)	I	R
1	1	119226-77010	STARTER,12V-0.8KW	1							
2	2	X2114560130	LEVER KIT, SHIFT	1							
3	2	X2114715500	STOPPER SET, PINION	1							
4	2	X2114811000	WASHER KIT, THRUST	1							
5	2	114371-77110	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	119226-77650	CLUTCH ASSY	1							
13	2	124097-77710	YOKE ASSY	1							
14	2	124097-77760	CASE ASSY, GEAR	1							
15	2	124195-77760	MAGNETIC SWITCH ASSY	1							
16	2	124195-77770	THROUGH BOLT	2							
17	2	114371-79070	BOLT M 6X 37	2							
18	2	26022-040122	SCREW, M4X12	2							
19	1	26116-120252	BOLT, M12X 25 PLATED	2							

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

Fig.16. GENERATOR

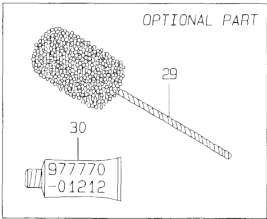
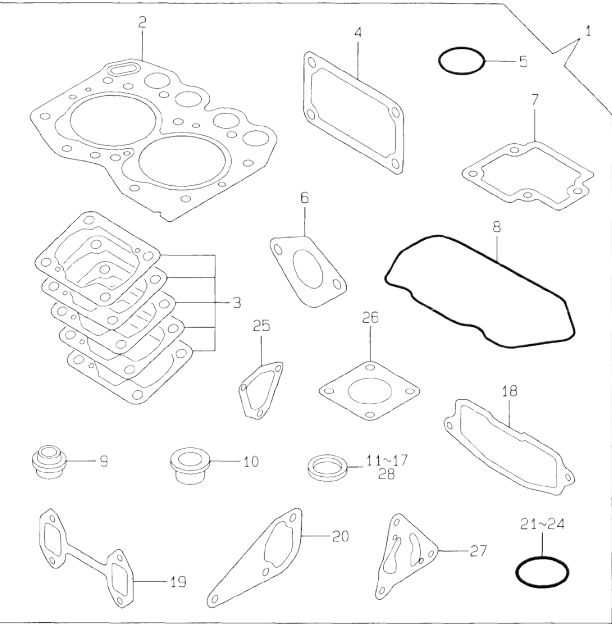
16. GENERATOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171301-77201	DYNAMO ASSY, 15A	1							
2	2	XM08137	PLATE ASSY	1							
3	3	XM08138	PLATE	1							
4	3	XM08180	STATOR ASSY	1							
5	3	XM27436	BALL BEARING	1							
6	3	XM17878	COUPLER	1							
7	3	XM36410	CLAMP	1							
8	3	26022-040252	SCREW, M4X25	2							
9	3	XYSPS4008	SCREW	1							
10	2	XM82184	FLYWHEEL ASSY	1							
11	3	XM82110	FLYWHEEL	1							
12	3	XM72174	PULLEY	1							
13	3	XM72664	SHAFT	1							
14	3	XM37336	WASHER	1							
15	3	XM27436	BALL BEARING	2							
16	2	106383-44720	SPACER	1							
17	2	106383-44730	WASHER	1							
18	2	22212-100000	SPRING WASHER 10	1							
19	2	26716-100002	NUT, M10	1							
20	1	129795-01900	STUD	1							
21	1	121450-77330	ADJUSTER	1							
22	1	119810-77340	BOLT, ADJUSTER	1							
23	1	121520-77710	LIMITER, CURRENT	1							
24	1	26366-100002	NUT, M10	1							

Fig.17. GASKET SET

17.GASKET SET



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	119305-13110	GASKET	1							
20	2	119260-42020	GASKET, WATER PUMP	1							
21	2	24321-000350	O-RING, 1AG35.0	1							
22	2	24311-000120	O-RING, 1AP12.0	4							
23	2	24341-000240	O-RING, 1AS24.0	1							
24	2	119209-35030	O-RING, P11	1							
25	2	119660-61071	GASKET	1							
26	2	121000-13201	GASKET, SILENCER	1							
27	2	119660-32020	GASKET, PUMP	1							
28	2	22190-080002	WASHER, SEAL 6	4							
29	1	129400-92400	FLEX HORN	1							1
30	1	977770-01212	GASKET, LIQUID	1							1

Remarks
(1) OPTIONAL PART.

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	17	15
104264-59030	14	55
105010-11230	4	26
	30	
105546-51330	12	24
105582-59150	14	56
106383-44720	16	16
106383-44730	16	17
110250-55610	14	50
114250-11120	4	16
114250-11180	4	17
114250-53130	14	9
114250-53400	14	11
114371-77110	15	5
114371-77140	15	6
114371-77160	15	7
114371-77170	15	11
114371-79040	15	8
114371-79050	15	9
114371-79060	15	10
114371-79070	15	17
119131-18320	6	5
119209-35030	9	26
	17	24
119225-35300	9	16
119225-42320	10	10
119225-51300	12	21
119226-77010	15	1
119226-77650	15	12
119232-61540	13	42
119255-55620	14	45
119259-44570	11	5
119260-01510	2	15
119260-01590	2	1
119260-01600	3	2
119260-02020	1	5
119260-02800	1	13
119260-02930	1	16
119260-07900	4	2
119260-11100	4	14
119260-11110	4	15
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119260-11270	4	37
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119260-11800	4	9
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
119260-42002	10	1
119260-42020	10	12
	17	20
119260-49530	10	18
119260-49800	10	19
119260-59520	14	36
119260-59530	14	37
119260-59550	14	38
119260-66720	13	85
119265-11260	4	40
119265-22090	8	15
119265-22300	8	23
119265-22500	8	17
119265-23100	8	25
119265-23200	8	29
119265-44940	11	8
119265-61200	13	14
119265-61510	13	27
119266-01200	1	21
119266-02410	1	19
119266-51900	12	41
119285-66080	13	52
119288-08100	11	1
119305-01490	2	13
119305-01760	3	11
119305-01950	2	21
	17	3
119305-03020	4	44
119305-03031	4	45
	17	7
119305-11200	4	24
119305-11240	4	33
119305-11310	4	47
	17	8
119305-11350	4	42
119305-12150	5	1
119305-12160	5	2
	17	18
119305-13100	6	1
119305-13110	6	2

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119305-14580	7	3
119305-21650	8	8
119305-35150	9	15
119305-51500	12	30
119305-51530	12	32
119305-59120	14	18
119305-77820	4	55
119309-01330	1	22
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119309-21700	8	1
119309-59810	14	23
119309-59820	14	27
119325-21580	8	12
119325-34870	9	13
119325-34890	9	14
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119332-59540	14	34
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119520-51100	12	3
119600-11450	4	22
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119600-11460	4	23
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119600-61200	13	5
119600-61541	13	43
119600-61900	13	50
119600-66840	13	76
119620-01620	3	6
119620-01750	3	4
119620-01800	2	3
119620-02450	7	4
119620-11350	4	51
119620-11390	4	48
119620-21500	8	11
119620-21941	8	10
119620-25912	7	12
119620-42350	10	14
119620-51170	12	6
119620-51180	12	7
119620-51190	12	8
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119620-53000	14	3
119620-53080	14	6
119620-53120	14	8
119620-53140	14	10
119620-59700	14	41
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119621-66051	13	61
119629-66510	13	68
119642-59550	14	39
119642-59570	14	40
119645-49020	11	20
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119653-66500	13	63
119655-12560	5	8
119656-66910	13	110
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119660-01562	2	19
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119660-01570	2	20
119660-01640	3	7
119660-01911	2	4
119660-25022	7	8
119660-25052	7	9
119660-32020	9	11
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119660-61052	13	17
119660-61060	13	2
119660-61071	13	3
	17	25
119660-61121	13	11
119660-61140	13	12
119660-61150	13	13
119660-61300	13	9
119660-61341	13	10
119660-61460	13	18
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119840-61870	13	109
119888-08110	11	2
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121120-01620	3	3
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124066-59100	14	35
124085-02220	3	9
124097-77710	15	13
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	4	43
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124195-77760	15	15
124195-77770	15	16
124465-44950	10	24
	17	12
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124550-59820	14	42
124550-66370	13	62
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	8	2
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129795-01900	16	20
129795-77800	4	54
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194990-22050	2	25
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22351-030014	13	48
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24341-000070	13	57
24341-000240	2	31
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24341-000280	13	65
26014-060352	10	17
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26022-040122	15	18
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26106-060402	2	8
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26776-120002	13	74
27221-050080	4	13
27221-060100	1	8
27231-400000	1	9
27241-100000	1	10
27241-250000	1	11
27241-300000	1	12
27241-350000	4	11
27310-055000	4	18
719260-02870	1	23
719260-11650	4	25
719260-11660	4	29
719260-23600	8	30
719260-23610	8	32
719265-22900	8	34
719265-22950	8	36
719325-01560	1	1
719325-11700	4	5
719325-92601	17	1
719520-51100	12	1
719620-53700	14	1
977770-01212	2	33
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X2114560130	15	2
X2114715500	15	3
X2114811000	15	4
XM08137	16	2
XM08138	16	3
XM08180	16	4
XM17878	16	6
XM27436	16	5
		15
XM36410	16	7
XM37336	16	14
XM72174	16	12
XM72664	16	13
XM82110	16	11
XM82184	16	10
XYSPS4008	16	9