

0CV10-M57200EN

P R E F A C E

1. This Parts Catalog carries all parts incorporated in YANMAR Model 3TNE68 - IR engine manufactured since September, 1998.
2. Each illustration corresponds to the parts list on the following page.
3. When ordering parts, clearly write down the engine model and serial number, as well as the name and number of each part in your order sheet. This will help insure reliable delivery of the parts you have ordered.

Directions for the Parts Catalog.

1. This Parts Catalog shows both standard and optional parts.
2. Parts may change without prior notice.
3. The following is an example of the Parts Catalog format.

OCF10-G21601 29. FUEL INJECTION PUMP(W/BOOST)										
REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	
1	1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1		1
1-1	1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1	N	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 Symbol

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

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

④ Effective Machine No.

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

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

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

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

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

⑤ Remarks

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

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

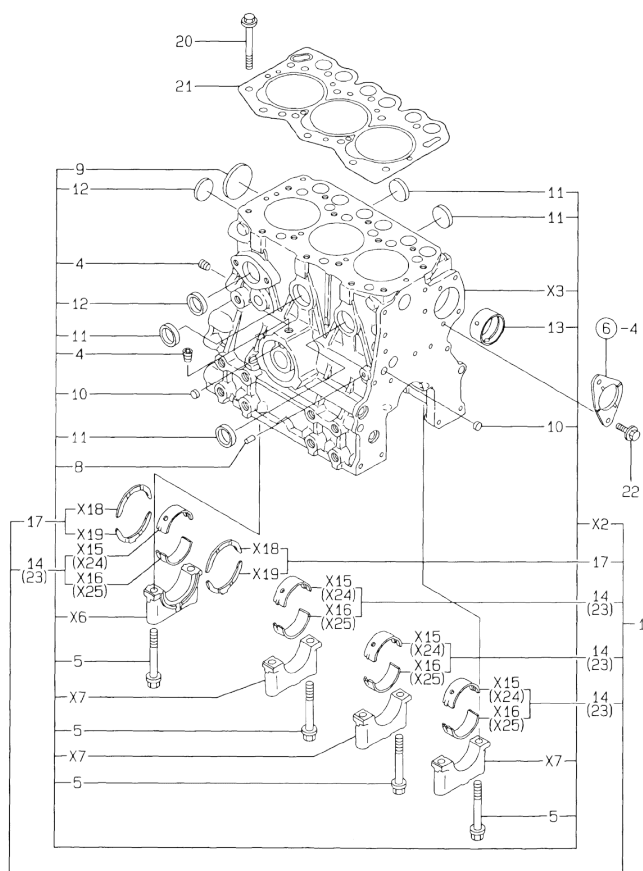
Contents

0CV10-M57200

Fig. No.	Fig. Name
ENGINE SECTION (3TNE68-IR)	
1.	CYLINDER BLOCK
2.	GEAR HOUSING
3.	MOUNTING FLANGE & OIL SUMP
4.	CYLINDER HEAD & BONNET
5.	SUCTION, EXHAUST MANIFOLD
6.	CAMSHAFT & DRIVING GEAR
7.	CRANKSHAFT & PISTON
8.	LUB.OIL SYSTEM
9.	COOLING WATER SYSTEM
10.	FUEL INJECTION PUMP
11.	GOVERNOR
12.	FUEL INJECTION VALVE
13.	FUEL LINE
14.	STARTING MOTOR
15.	GENERATOR
16.	GASKET SET

Fig. No.	Fig. Name
----------	-----------

1. CYLINDER BLOCK



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	27231-400000	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							

Remarks

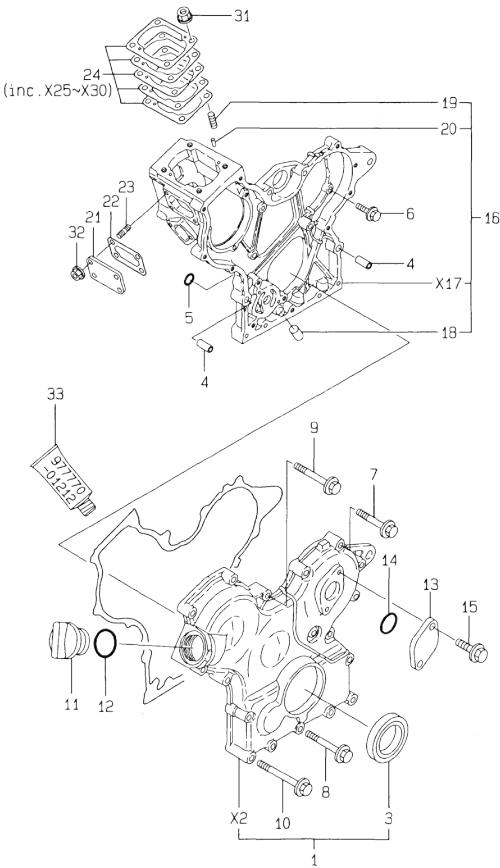
(1) UNDER-SIZE(U.S=0.25)PART.

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

Copyright (C) YANMAR CO., LTD. All Rights Reserved.

Fig.2. GEAR HOUSING

2. GEAR HOUSING



Remarks
(1) OPTIONAL PART.

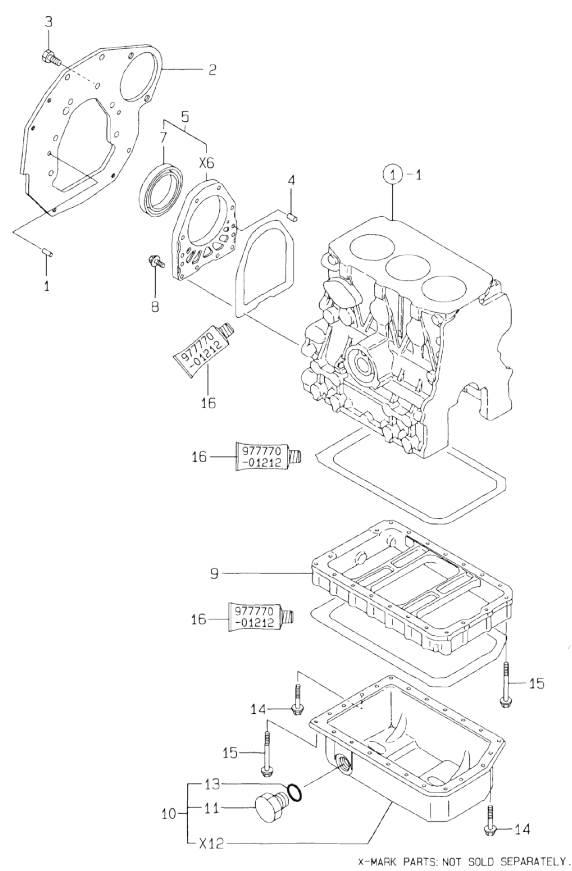
(A)=3TNE68-IR
(B)=
(C)=

(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	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							
31	1	194990-22050	NUT, M8	4							
32	1	26366-060002	NUT, M6	4							
33	1	977770-01212	GASKET, LIQUID	1							1

Fig.3. MOUNTING FLANGE & OIL SUMP

3.MOUNTING FLANGE & OIL SUMP



Remarks
(1) OPTIONAL PART.

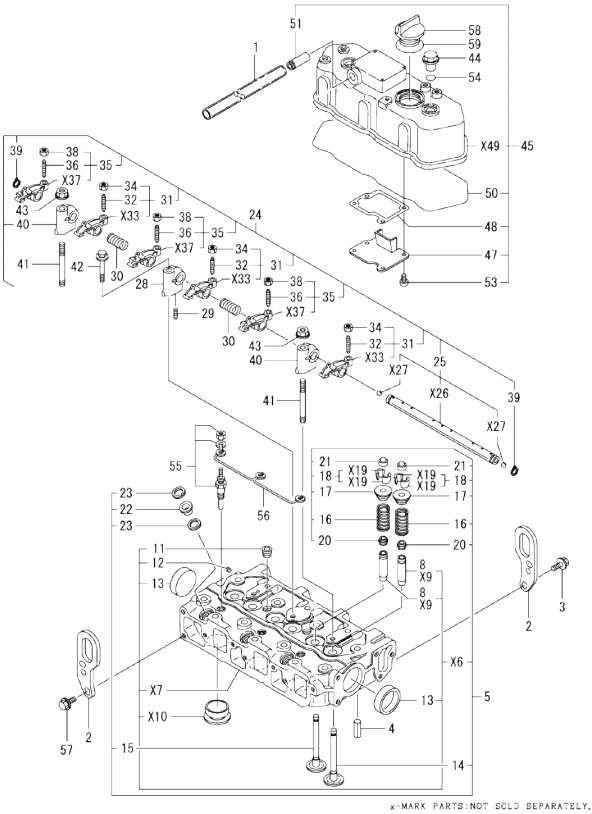
(A)=3TNE68-IR
(B)=
(C)=

(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	119621-01611	FLANGE, MOUNTING	1							
3	1	26116-100202	BOLT, M10X 20 PLATED	8							
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	977770-01212	GASKET, LIQUID	1							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
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

Fig.4. CYLINDER HEAD & BONNET



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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	23065-120700	PIPE, 12X 700	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	23871-030000	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	119260-11330	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							

x-MARK PARTS:NOT SOLD SEPARATELY.

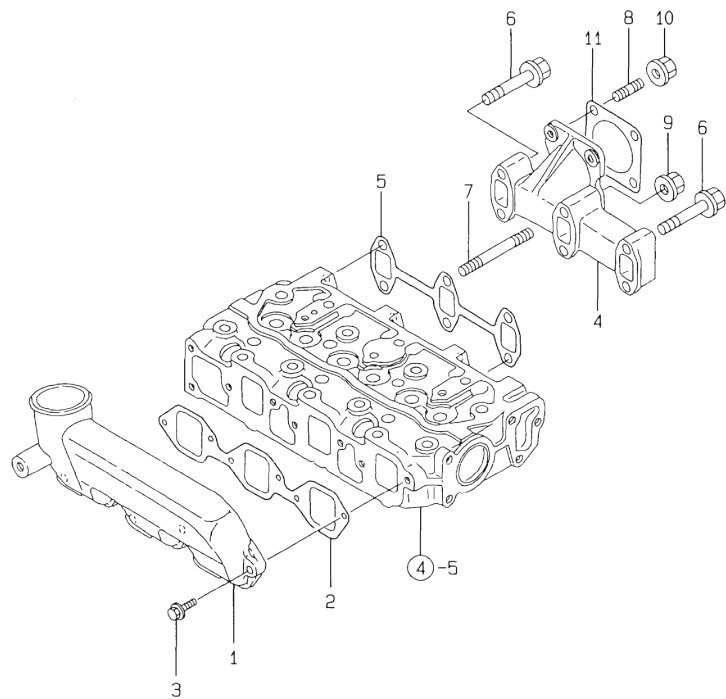
Remarks

(1) REPAIR PART.

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
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

Fig.5. SUCTION, EXHAUST MANIFOLD

5.SUCTION & EXHAUST MANIFOLD



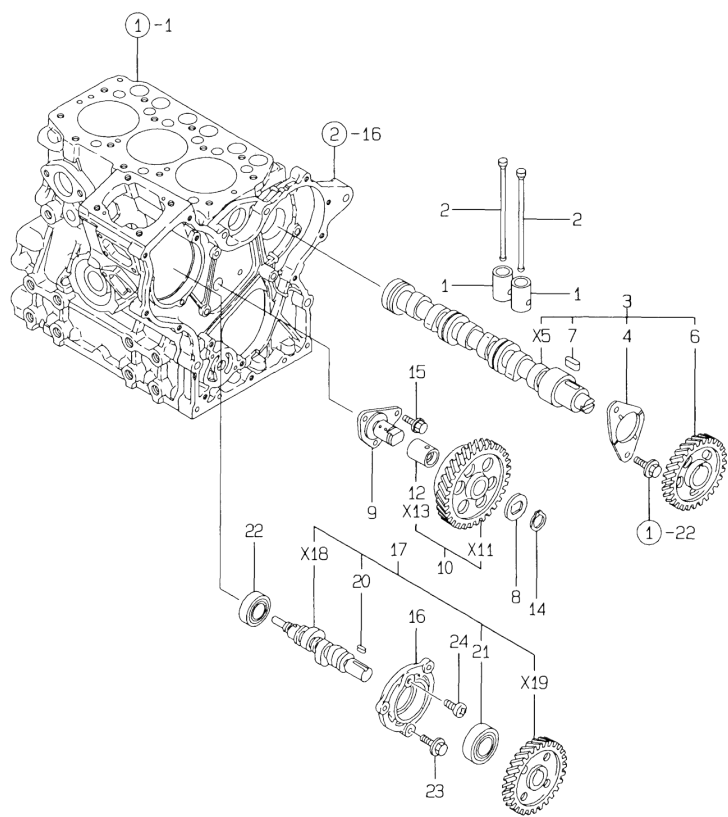
(A)=3TNE68-IR
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-12100	MANIFOLD, AIR INTAKE	1							
2	1	119260-12111	GASKET, MANIFOLD	1							
3	1	26106-060202	BOLT, M6X 20 PLATED	4							
4	1	119260-13100	MANIFOLD, EXHAUST	1							
5	1	119260-13110	GASKET	1							
6	1	26106-060352	BOLT, M6X 35 PLATED	4							
7	1	26216-060402	STUD, M6X 40	2							
8	1	119131-18320	STUD, M8X22	4							
9	1	26366-060002	NUT, M6	2							
10	1	26366-080002	NUT, M8	4							
11	1	121000-13201	GASKET, SILENCER	1							

Fig.6. CAMSHAFT & DRIVING GEAR

6.CAMSHAFT & DRIVING GEAR



Remarks
(1) REPAIR PART.

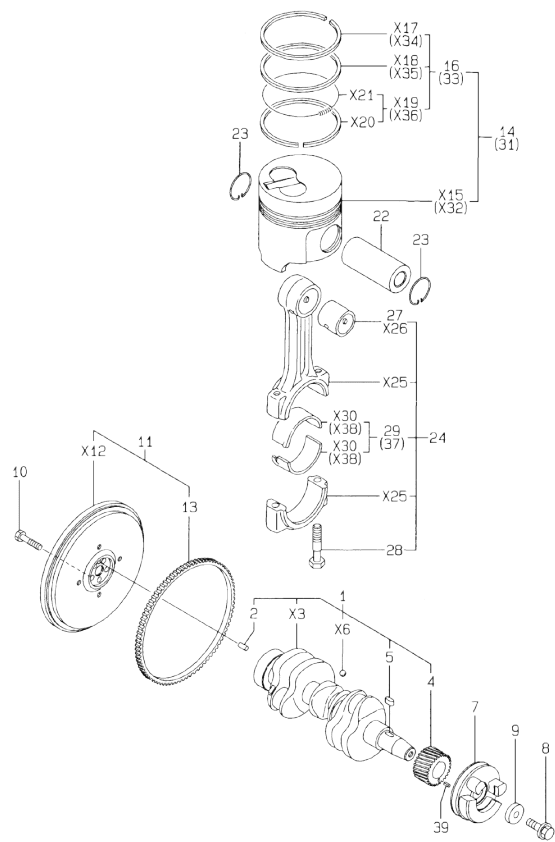
(A)=3TNE68-IR
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-14200	TAPPET	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							

Fig.7. CRANKSHAFT & PISTON

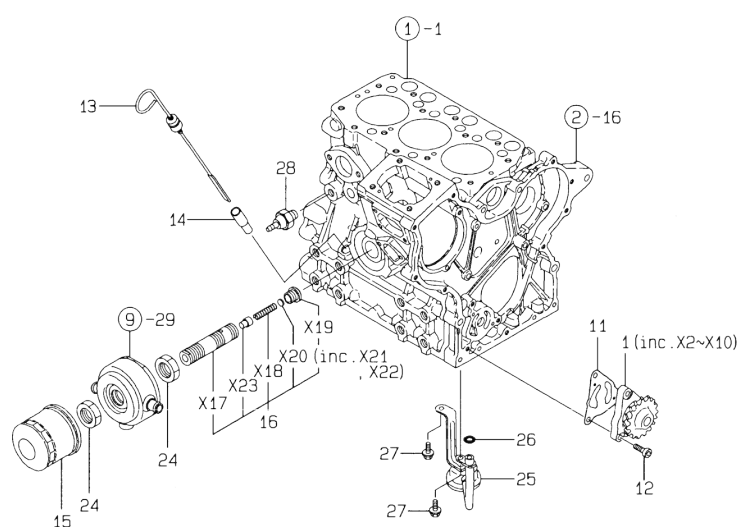
7.CRANKSHAFT & PISTON



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	119233-21690	V-PULLEY	1							
8	1	119621-21680	BOLT, FLANGE 12X1.25	1							
9	1	119620-21941	WASHER	1							
10	1	119620-21500	BOLT, FLYWHEEL	5							
11	1	119265-21560	FLYWHEEL ASSY	1							
13	2	124060-21600	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	719265-22900	PISTON ASSY, 0.25 OS	3							2
33	2	719265-22950	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							

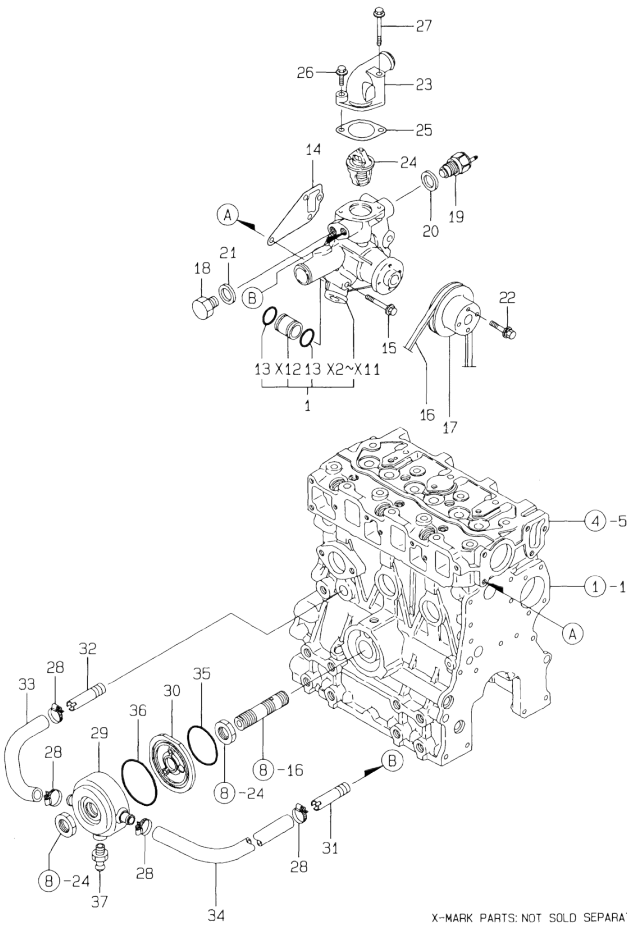
8.LUB.OIL SYSTEM



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	129132-34800	DIPSTICK, OIL	1							
14	1	121520-34810	GUIDE, DIPSTICK	1							
15	1	119305-35150	FILTER, OIL	1							
16	1	119265-35300	VALVE ASSY, CONTROL	1							
24	1	129150-35350	NUT	2							
25	1	119260-35081	PIPE, 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							

Fig.9. COOLING WATER SYSTEM

9.COOLING WATER SYSTEM



X-MARK PARTS: NOT SOLD SEPARATELY.

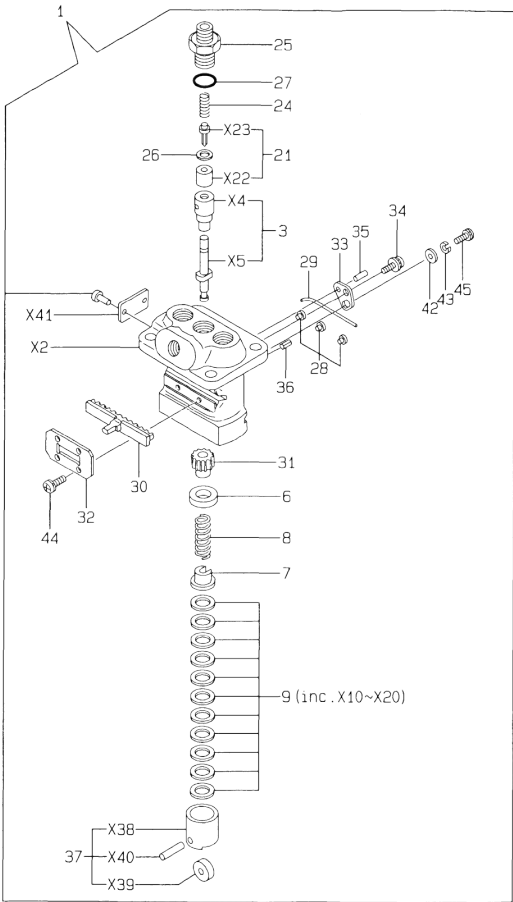
(A)=3TNE68-IR
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119520-42000	PUMP ASSY, WATER	1							
13	2	24311-000210	O-RING, 1AP21.0	2							
14	1	119260-42020	GASKET, WATER PUMP	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	121450-42450	PLUG, M16	1							
19	1	121250-44901	SWITCH, 110	1							
20	1	124465-44950	GASKET, 16	1							
21	1	124465-44950	GASKET, 16	1							
22	1	26014-060162	BOLT, M6X 16	4							
23	1	124101-49530	COVER, THERMOSTAT	1							
24	1	129350-49800	THERMOSTAT, 71	1							
25	1	129350-49541	GASKET	1							
26	1	26106-080282	BOLT, M8X 28 PLATED	1							
27	1	26106-080652	BOLT, M8X 65 PLATED	1							
28	1	171008-03990	CLIP, HOSE 18.5	4							
29	1	119642-33030	COOLER, OIL	1							
30	1	119642-33100	BRACKET, COOLER	1							
31	1	129122-44480	JOINT	1							
32	1	129122-44480	JOINT	1							
33	1	119642-49030	PIPE, WATER	1							
34	1	129403-49050	PIPE, WATER	1							
35	1	24321-000600	O-RING, 1AG60.0	1							
36	1	24321-000700	O-RING, 1AG70.0	1							
37	1	121550-49111	JOINT, PT1/4	1							

Fig.10. FUEL INJECTION PUMP

10.FUEL INJECTION PUMP



X-MARK PARTS: NOT SOLD SEPARATELY.

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

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

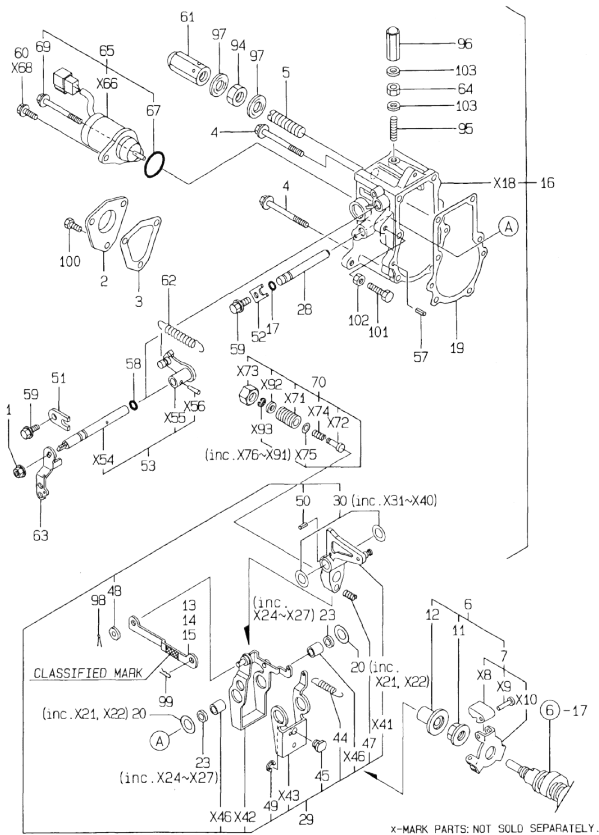
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719225-51100	PUMP ASSY, INJECTION	1							
3	2	119225-51100	PLUNGER ASSY	3							
6	2	119620-51170	RETAINER, SPRING A	3							
7	2	119620-51180	RETAINER, SPRING B	3							
8	2	119620-51190	SPRING, PLUNGER	3							
9	2	119620-51250	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	22137-040000	WASHER, 4	2							
43	2	22217-040000	WASHER, SPRING 4	2							
44	2	26022-040082	SCREW, M4X 8	4							
45	2	26587-040102	SCREW, M4X10	2							

Fig.11. GOVERNOR

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

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

11. GOVERNOR



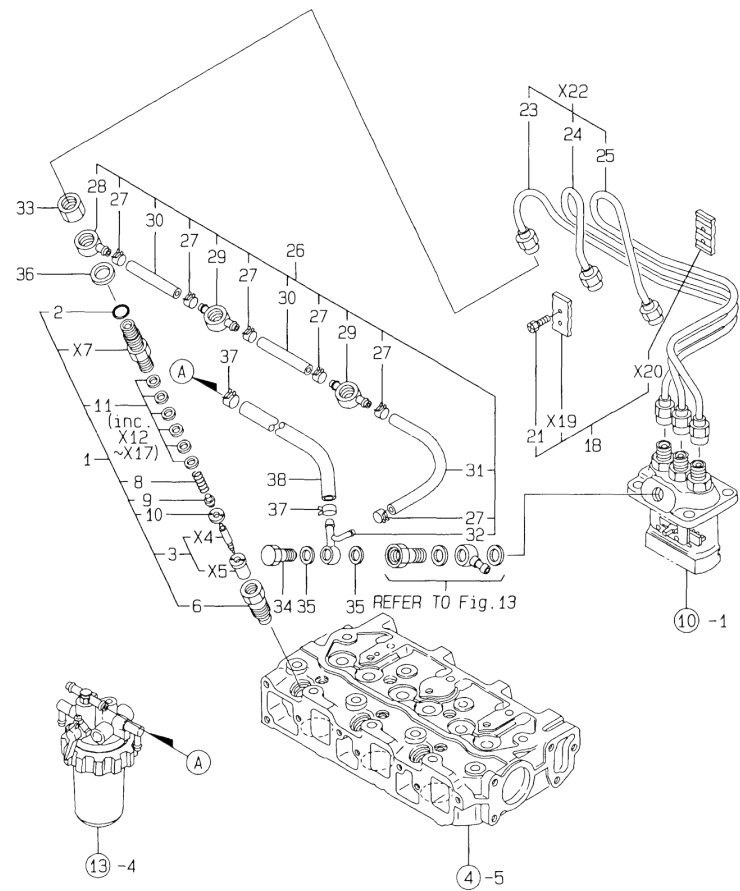
Remarks
(1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER(REFER TO ILLUSTRATION)

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	26106-060702	BOLT, M6X 70 PLATED	5							
5	1	129155-61470	BOLT, CONTROL	1							
6	1	119600-61100	DRIVE ASSY	1							
7	2	119600-61200	WEIGHT ASSY,GOVERNOR	1							
11	2	119660-61300	NUT	1							
12	2	119660-61341	SLEEVE	1							
13	1	119660-61121	LINK, NO MARK	1							1
14	1	119660-61140	LINK, MARK :2	1							1
15	1	119660-61150	LINK, MARK :3	1							1
16	1	119288-61200	CASE ASSY, GOVERNOR	1							
17	2	129155-51280	O-RING, S6	1							
19	2	119660-61052	GASKET	1							
20	2	119660-61460	SHIM SET	2							
23	2	129155-61480	SPACER ASSY	1							
28	2	119660-61491	SHAFT	1							
29	2	119288-61510	LEVER ASSY, GOVERNOR	1							
30	3	174307-51700	SHIM SET	2							
44	3	119232-61540	SPRING	1							
45	3	119600-61541	SHIFTER	1							
47	3	119600-61650	SPRING, STARTING	1							
48	3	22117-040000	WASHER, 4	1							
49	3	22272-000040	RING, E- 4	1							
50	3	22351-030014	PIN, SPRING 3.0X14	1							
51	2	119600-61900	RETAINER, SHAFT	1							
52	2	119660-61901	RETAINER, SHAFT	1							
53	2	119285-66080	SHAFT ASSY	1							
57	2	22351-040010	PIN, SPRING 4.0X10	2							
58	2	24341-000070	O-RING, 1AS7.0	1							
59	2	26106-060102	BOLT, M6X 10 PLATED	2							
60	1	121465-59950	BOLT, M6X16	1							
61	1	129100-61930	NUT, CAP	1							
62	1	119260-66010	SPRING, REGULATOR	1							
63	1	119621-66051	LEVER, REGULATOR	1							
64	1	124550-66370	NUT, M6	1							
65	1	119653-66500	STOPPER ASSY	1							
67	2	24341-000280	O-RING, 1AS28.0	1							
69	2	26106-060952	BOLT, M6X 95 PLATED	1							
70	1	119260-66720	ANGLEICH ASSY	1							
94	1	26776-120002	NUT, LOCK M12	1							
95	1	121575-66830	SCREW	1							
96	1	119600-66840	NUT, CAP	1							
97	1	22190-120002	WASHER, SEAL 12	2							
98	1	22360-040000	PIN, SNAP 4	1							
99	1	22360-060000	PIN, SNAP 6	1							
100	1	26116-050102	BOLT, M5X 10 PLATED	3							
101	1	26116-060304	BOLT, M6X 30 PLATED	1							
102	1	26756-060002	NUT, LOCK M6	1							
103	1	22190-060003	SEAL WASHER 6	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
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

Fig.12. FUEL INJECTION VALVE

12.FUEL INJECTION VALVE



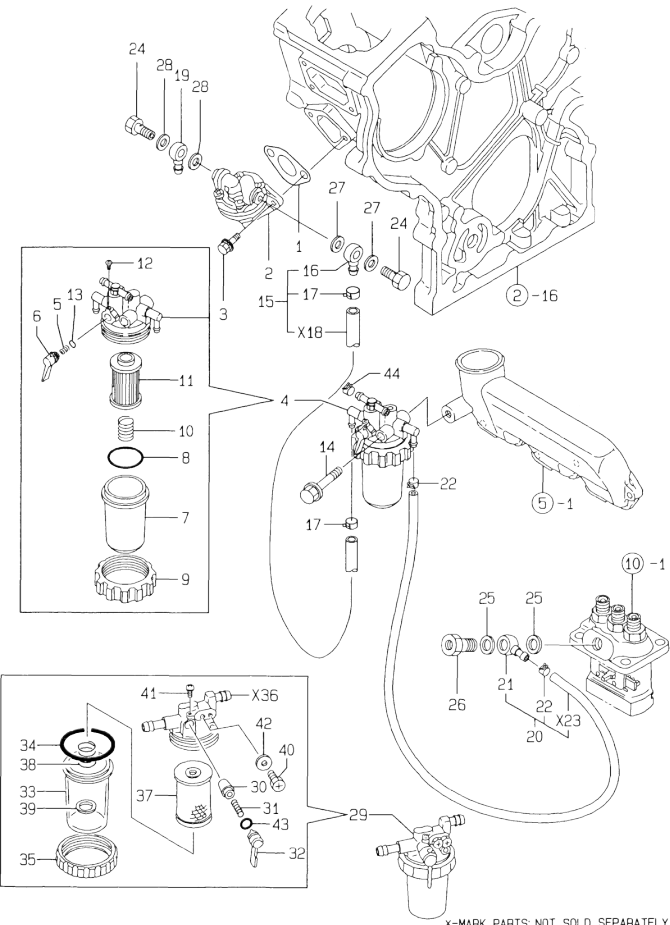
(A)=3TNE68-IR
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
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							
18	1	129150-59120	RETAINER, PIPE	1							
21	2	129150-59131	BOLT, M4X14	2							
23	2	119209-59810	PIPE ASSY, INJECTION	1							
24	2	119209-59820	PIPE ASSY, INJECTION	1							
25	2	119209-59830	PIPE ASSY, INJECTION	1							
26	1	119642-59540	PIPE ASSY, RETURN	1							
27	2	124066-59100	CLIP, HOSE 8	6							
28	2	119260-59520	JOINT	1							
29	2	119260-59530	JOINT	2							
30	2	105025-59550	PIPE, FUEL RETURN	2							
31	2	119642-59550	PIPE, FUEL RETURN	1							
32	2	119642-59570	JOINT, OVER FLOW	1							
33	1	119620-59700	NUT, NOZZLE	3							
34	1	124550-59820	BOLT, PIPE JOINT M8	1							
35	1	23414-080012	GASKET, 8X1.0	2							
36	1	23414-140000	GASKET, 14X1.0	3							
37	1	124766-59050	CLIP, HOSE 12	2							
38	1	119225-59560	PIPE, FUEL	1							

Fig.13. FUEL LINE

13.FUEL LINE



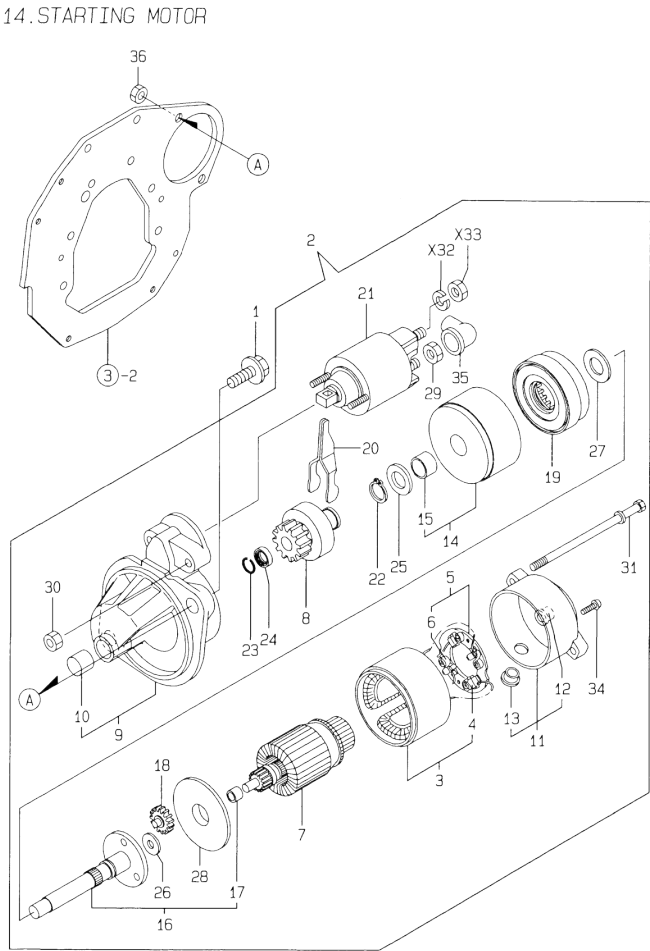
x-MARK PARTS: NOT SOLD SEPARATELY.

(A)=3TNE68-IR
(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	119600-52021	PUMP ASSY, FUEL FEED	1							
3	1	26106-060162	BOLT, M6X 16 PLATED	2							
4	1	119255-55620	FILTER ASSY, FUEL	1							
5	2	104200-55330	SPRING, VALVE	1							
6	2	119810-55340	LEVER	1							
7	2	121254-55510	COVER	1							
8	2	102103-55520	O-RING	1							
9	2	110250-55610	RING, RETAINING	1							
10	2	121250-55620	SPRING	1							
11	2	124550-55700	FILTER, FUEL L=90	1							
12	2	104200-55750	SCREW, M4	1							
13	2	24311-240100	O-RING, 1AP10A	1							
14	1	26014-080702	BOLT, M8X 70	1							
15	1	119230-59020	PIPE ASSY, FUEL	1							
16	2	104264-59030	JOINT, PIPE 8	1							
17	2	124766-59050	CLIP, HOSE 12	2							
19	1	104264-59030	JOINT, PIPE 8	1							
20	1	119230-59031	PIPE ASSY, FUEL	1							
21	2	101304-59020	JOINT, PIPE 12	1							
22	2	124766-59050	CLIP, HOSE 12	2							
24	1	105582-59150	BOLT, PIPE JOINT	2							
25	1	104200-59170	GASKET, 12	2							
26	1	119650-59200	BOLT, PIPE JOINT M12	1							
27	1	22190-080002	WASHER, SEAL 6	2							
28	1	22190-080002	WASHER, SEAL 6	2							
29	1	121850-55800	SEPARATOR ASSY,WATER	1							
30	2	104200-55321	VALVE, TAPER	1							
31	2	104200-55330	SPRING, VALVE	1							
32	2	104200-55341	HANDLE	1							
33	2	121254-55510	COVER	1							
34	2	102103-55520	O-RING	1							
35	2	110250-55610	RING, RETAINING	1							
37	2	121850-55710	SCREEN	1							
38	2	121257-55720	SPRING	1							
39	2	121257-55731	FLOAT	1							
40	2	101720-55750	PLUG, 6	2							
41	2	104200-55750	SCREW, M4	1							
42	2	23418-060000	GASKET, 6X1.0	2							
43	2	24311-240100	O-RING, 1AP10A	1							
44	1	124766-59050	CLIP, HOSE 12	1							

Fig.14. STARTING MOTOR

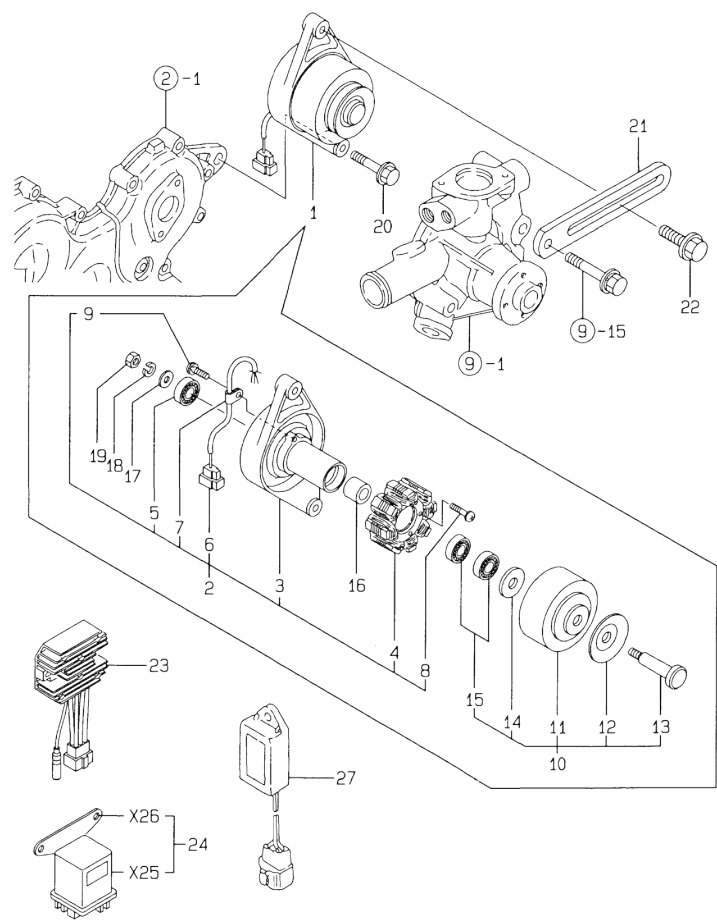


x-MARK PARTS: NOT SOLD SEPARATELY.

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

Fig.15. GENERATOR

15. GENERATOR



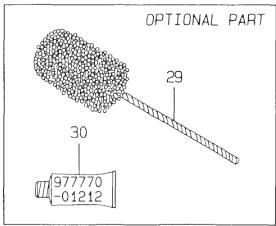
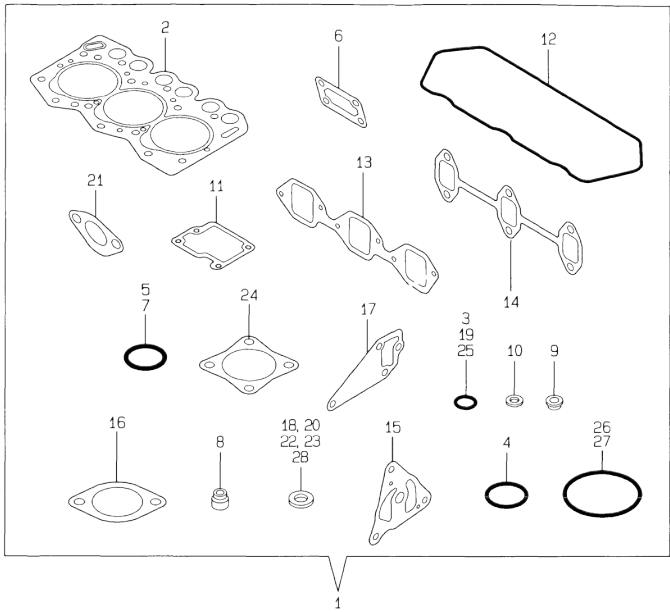
(A)=3TNE68-IR
(B)=
(C)=

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

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	26106-100402	BOLT, M10X 40 PLATED	1							
21	1	121450-77330	ADJUSTER	1							
22	1	26014-080252	BOLT, M8X 25	1							
23	1	119233-77710	LIMITER, CURRENT	1							
24	1	119650-77910	RELAY ASSY, GLOW	1							
27	1	119632-77920	TIMER	1							

Fig.16. GASKET SET

16.GASKET SET



Remarks
(1) OPTIONAL PART.

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719265-92630	GASKET SET	1							1
2	2	119265-01341	GASKET, HEAD	1							
3	2	24311-000120	O-RING, 1AP12.0	4							
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	119260-12111	GASKET, MANIFOLD	1							
14	2	119260-13110	GASKET	1							
15	2	119660-32020	GASKET, PUMP	1							
16	2	129350-49541	GASKET	1							
17	2	119260-42020	GASKET, WATER PUMP	1							
18	2	124465-44950	GASKET, 16	2							
19	2	129155-61830	O-RING, S10	3							
20	2	23414-140000	GASKET, 14X1.0	3							
21	2	121520-01851	GASKET	1							
22	2	104200-59170	GASKET, 12	2							
23	2	22190-080002	WASHER, SEAL 6	4							
24	2	121000-13201	GASKET, SILENCER	1							
25	2	119209-35030	O-RING, P11	1							
26	2	24321-000600	O-RING, 1AG60.0	1							
27	2	24321-000700	O-RING, 1AG70.0	1							
28	2	23414-080012	GASKET, 8X1.0	2							
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	13	21
101720-55750	13	40
102103-55520	13	8
		34
104200-55321	13	30
104200-55330	13	5
		31
104200-55341	13	32
104200-55750	13	12
		41
104200-59170	13	25
	16	22
104264-59030	13	16
		19
104514-42780	9	16
105010-11230	4	32
		36
105025-59550	12	30
105546-51330	10	24
105582-59150	13	24
106383-44720	15	16
106383-44730	15	17
110250-55610	13	9
		35
114250-11120	4	16
114250-11180	4	17
114250-53130	12	9
114250-53400	12	11
118400-03060	4	51
119131-18320	5	8
119209-35030	8	26
	16	25
119209-59810	12	23
119209-59820	12	24
119209-59830	12	25
119225-14200	6	17
119225-51100	10	3
119225-51300	10	21
119225-59560	12	38
119230-59020	13	15
119230-59031	13	20
119232-61540	11	44
119233-21690	7	7
119233-77710	15	23
119255-55620	13	4
119255-77010	14	2
119260-01490	2	16
119260-01510	2	18
119260-01590	2	1
119260-01770	3	10

Parts No.	Fig. No.	Ref. No.
119260-02020	1	5
119260-02800	1	14
119260-02930	1	17
119260-03020	4	47
119260-03031	4	48
	16	11
119260-07900	4	2
119260-11100	4	14
119260-11110	4	15
119260-11200	4	24
119260-11240	4	25
119260-11260	4	28
119260-11270	4	29
119260-11280	4	30
119260-11310	4	50
	16	12
119260-11330	4	45
119260-11340	4	20
	16	8
119260-11370	4	21
119260-11800	4	8
119260-12100	5	1
119260-12111	5	2
	16	13
119260-13100	5	4
119260-13110	5	5
	16	14
119260-14100	6	6
119260-14200	6	1
119260-14400	6	2
119260-14580	6	3
119260-21200	7	4
119260-23910	7	27
119260-25100	6	10
119260-32000	8	1
119260-35081	8	25
119260-42020	9	14
	16	17
119260-59520	12	28
119260-59530	12	29
119260-66010	11	62
119260-66720	11	70
119265-01341	1	21
	16	2
119265-11260	4	40
119265-11700	4	5
119265-21560	7	11
119265-21700	7	1
119265-22090	7	14
119265-22300	7	22

Parts No.	Fig. No.	Ref. No.
119265-22500	7	16
119265-23100	7	24
119265-23200	7	28
119265-35300	8	16
119266-01200	1	20
119266-02410	1	13
119285-66080	11	53
119288-61200	11	16
119288-61510	11	29
119305-35150	8	15
119454-01721	3	9
119520-42000	9	1
119600-11450	4	22
	16	9
119600-11460	4	23
	16	10
119600-52021	13	2
119600-61100	11	6
119600-61200	11	7
119600-61541	11	45
119600-61650	11	47
119600-61900	11	51
119600-66840	11	96
119620-01620	3	4
119620-01800	2	3
119620-02450	6	4
119620-11350	4	41
119620-21500	7	10
119620-21941	7	9
119620-25912	6	12
119620-42350	9	17
119620-51170	10	6
119620-51180	10	7
119620-51190	10	8
119620-51250	10	9
119620-51340	10	25
119620-51350	10	26
119620-51370	10	27
119620-51450	10	28
119620-51461	10	29
119620-51510	10	31
119620-51650	10	33
119620-51660	10	34
119620-51670	10	35
119620-51680	10	36
119620-51700	10	37
119620-53000	12	3
119620-53080	12	6
119620-53120	12	8
119620-53140	12	10

Parts No.	Fig. No.	Ref. No.
119620-59700	12	33
119620-77820	4	56
119621-01611	3	2
119621-21680	7	8
119621-66051	11	63
119623-01950	2	24
119632-77920	15	27
119642-33030	9	29
119642-33100	9	30
119642-49030	9	33
119642-59540	12	26
119642-59550	12	31
119642-59570	12	32
119650-59200	13	26
119650-77910	15	24
119653-66500	11	65
119660-01551	2	21
119660-01562	2	22
	16	6
119660-01570	2	23
119660-01640	3	5
119660-01821	6	16
119660-01911	2	4
119660-25022	6	8
119660-25052	6	9
119660-32020	8	11
	16	15
119660-51500	10	30
119660-51530	10	32
119660-61052	11	19
119660-61060	11	2
119660-61071	11	3
119660-61121	11	13
119660-61140	11	14
119660-61150	11	15
119660-61300	11	11
119660-61341	11	12
119660-61460	11	20
119660-61491	11	28
119660-61901	11	52
119810-55340	13	6
121000-13201	5	11
	16	24
121023-01550	2	13
121250-44901	9	19
121250-55620	13	10
121254-55510	13	7
		33
121257-55720	13	38
121257-55731	13	39

Parts No. Index

Parts No.	Fig. No.	Ref. No.
121400-01640	3	11
121450-01560	2	19
121450-42450	9	18
121450-77330	15	21
121465-59950	11	60
121520-01851	13	1
	16	21
121520-34810	8	14
121550-49111	9	37
121575-66830	11	95
121850-55710	13	37
121850-55800	13	29
124060-01050	1	4
124060-21600	7	13
124066-59100	12	27
124085-02220	3	7
124101-49530	9	23
124160-01751	2	11
	4	58
124160-11360	4	44
124160-39450	8	28
124465-44950	9	20
	21	
	16	18
124550-55700	13	11
124550-59820	12	34
124550-66370	11	64
124766-59050	12	37
	13	17
	22	
	44	
129100-01580	3	1
	7	2
129100-61930	11	61
129122-44480	9	31
	32	
129132-34800	8	13
129150-35350	8	24
129150-59120	12	18
129150-59131	12	21
129155-51280	11	17
129155-61470	11	5
129155-61480	11	23
129155-61830	12	2
	16	19
129350-49541	9	25
	16	16
129350-49800	9	24
129400-92400	16	29
129403-49050	9	34

Parts No.	Fig. No.	Ref. No.
129795-77800	4	55
171008-03990	9	28
171301-77201	15	1
174307-51700	11	30
194990-22050	2	31
	11	1
22117-040000	11	48
22137-040000	10	42
22190-060003	11	103
22190-080002	13	27
		28
	16	23
22190-120002	11	97
22212-100000	15	18
22217-040000	10	43
22242-000100	4	39
22242-000200	6	14
22252-000200	7	23
22272-000040	11	49
22351-030010	7	39
22351-030014	11	50
22351-040010	2	20
	11	57
22351-060012	4	4
22360-040000	11	98
22360-060000	11	99
22512-040120	6	7
		20
	7	5
22857-500100	4	53
23065-120700	4	1
23414-080012	12	35
	16	28
23414-140000	12	36
	16	20
23418-060000	13	42
23871-030000	4	11
24101-062034	6	22
24102-063034	6	21
24311-000120	2	5
	4	54
	16	3
24311-000180	3	13
	16	7
24311-000210	9	13
24311-000320	2	12
	4	59
	16	4
24311-240100	13	13
		43

Parts No.	Fig. No.	Ref. No.
24321-000600	9	35
	16	26
24321-000700	9	36
	16	27
24341-000070	11	58
24341-000240	2	14
	16	5
24341-000280	11	67
26014-060162	9	22
26014-080252	15	22
26014-080702	13	14
26022-040082	10	44
26022-040252	15	8
26106-060102	3	14
	11	59
26106-060122	1	22
	6	15
	8	27
26106-060162	2	6
		15
	6	23
	13	3
26106-060202	5	3
26106-060222	3	8
26106-060302	2	7
26106-060352	5	6
26106-060402	2	8
26106-060452	3	15
26106-060502	2	9
26106-060652	2	10
26106-060702	11	4
26106-060952	11	69
26106-080142	4	3
		57
26106-080282	9	26
26106-080452	4	42
	9	15
26106-080652	9	27
26106-100402	15	20
26116-050102	11	100
26116-060304	11	101
26116-100202	3	3
26156-120302	14	1
26216-060402	5	7
26366-060002	2	32
	5	9
26366-080002	4	43
	5	10
26450-060202	8	12
26587-040102	10	45

Parts No.	Fig. No.	Ref. No.
26587-080102	6	24
26716-100002	15	19
26736-120002	14	36
26756-060002	4	34
		38
	11	102
26776-120002	11	94
27221-050080	4	12
27221-060100	1	8
27231-400000	1	9
27241-100000	1	10
27241-250000	1	11
27241-300000	1	12
27241-350000	4	13
714250-11570	4	18
719225-51100	10	1
719260-02870	1	23
719260-11650	4	31
719260-11660	4	35
719260-23600	7	29
719260-23610	7	37
719265-01560	1	1
719265-22900	7	31
719265-22950	7	33
719265-92630	16	1
719620-53700	12	1
977770-01212	2	33
	3	16
	16	30
X0280210331	14	24
X0280335100	14	35
X0280626010	14	13
X0280996180	14	4
X0281007680	14	3
X0282005871	14	7
X0283006960	14	8
X0284105010	14	14
X0284525010	14	28
X0285005770	14	11
X0285105190	14	5
X0285205030	14	6
X0286105010	14	16
X0286305010	14	18
X0286355010	14	19
X0287405140	14	20
X0534007800	14	21
X5128400875	14	9
X9055715000	14	22
X9490065670	14	34
X9490138090	14	26

Parts No. Index

Parts No.	Fig. No.	Ref. No.
X9490138100	14	27
X9490138110	14	25
X9490423520	14	31
X9490560750	14	30
X9490562360	14	29
X9490721360	14	23
X9491034320	14	17
X9491034330	14	15
X9491040990	14	12
X9491050100	14	10
XM08137	15	2
XM08138	15	3
XM08180	15	4
XM17878	15	6
XM27436	15	5
		15
XM36410	15	7
XM37336	15	14
XM72174	15	12
XM72664	15	13
XM82110	15	11
XM82184	15	10
XYSPS4008	15	9

Parts No.	Fig. No.	Ref. No.
-----------	----------	----------

Parts No.	Fig. No.	Ref. No.
-----------	----------	----------

Parts No.	Fig. No.	Ref. No.
-----------	----------	----------