

0CV10-M73300EN

PREFACE

1. This Parts Catalog carries all parts incorporated in YANMAR Model 3TNE68 - ENSR engine manufactured since January, 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.

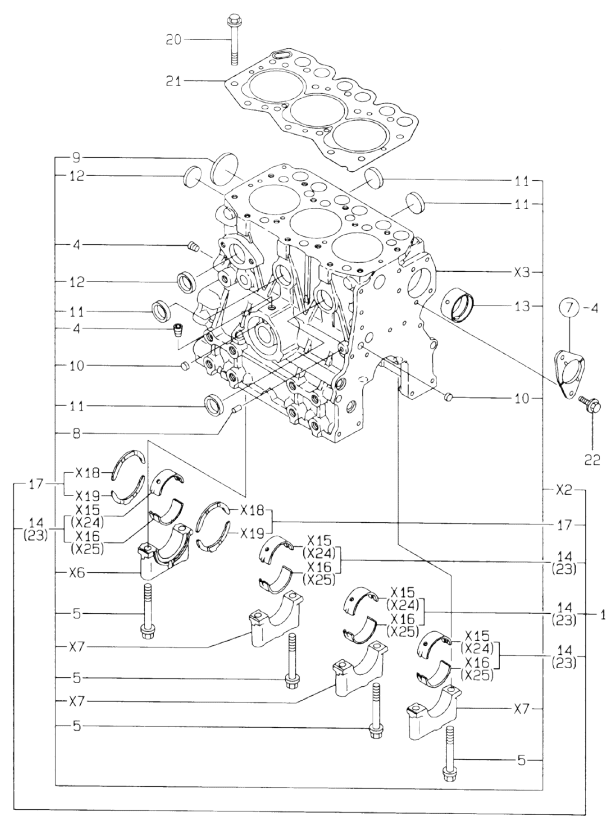
Contents

0CV10-M73300

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ENGINE SECTION 3TNE68-ENSR			
1.	CYLINDER BLOCK		
2.	GEAR HOUSING		
3.	FLYWHEEL HOUSING & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	SUCTION MANIFOLD & AIR CLEANER		
6.	EXHAUST MANIFOLD & SILENCER		
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



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

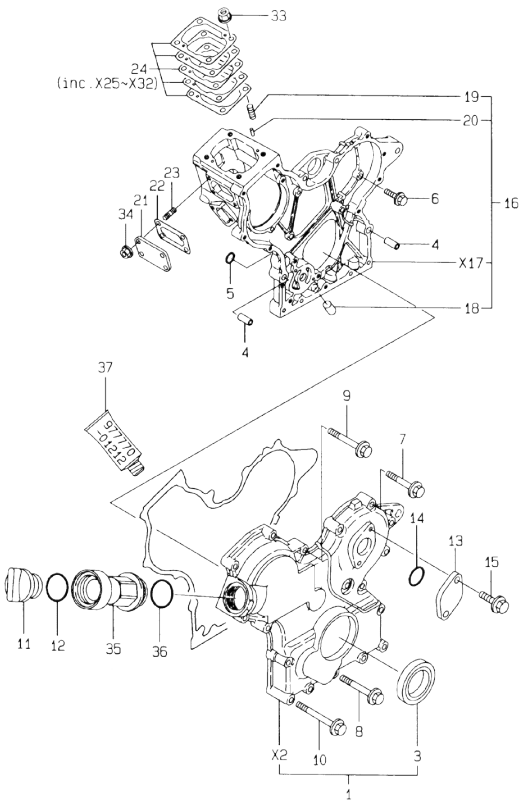
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(B)=
(C)=

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

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



x-MARK PARTS: NOT SOLD SEPARATELY.

Remarks
(1) OPTIONAL PART.

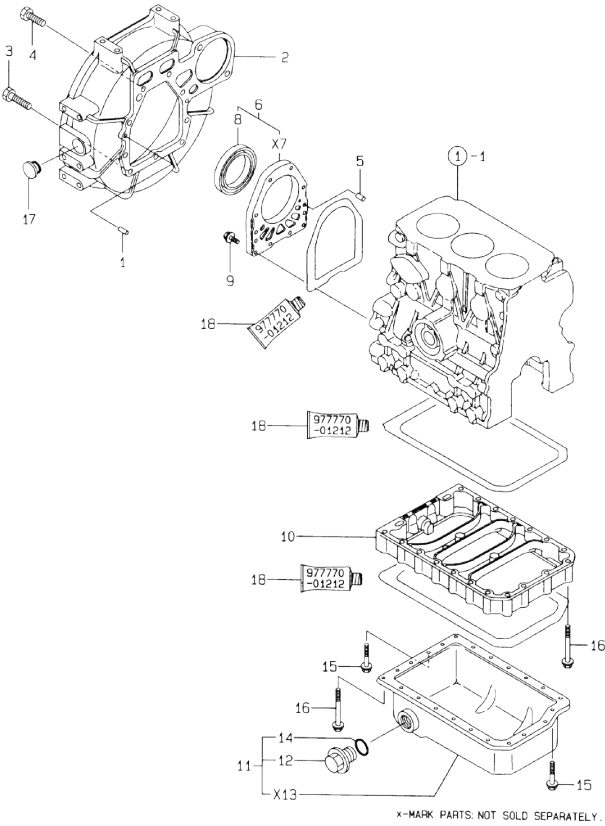
(A)=3TNE68-ENSR
(B)=
(C)=

(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	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	171031-11741	PIPE	1							
36	1	24311-000320	O-RING, 1AP32.0	1							
37	1	977770-01212	GASKET, LIQUID	1							1

Fig.3. FLYWHEEL HOUSING & OIL SUMP

3.FLYWHEEL HOUSING & OIL SUMP



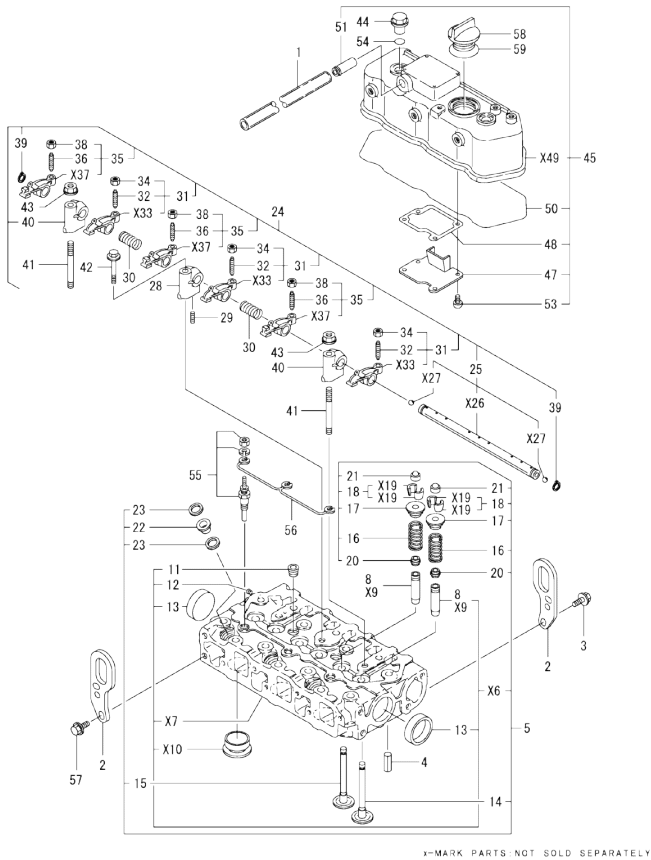
Remarks
(1) OPTIONAL PART.

(A)=3TNE68-ENSR
(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	119600-01600	HOUSING, FLYWHEEL	1							
3	1	121120-01620	BOLT, M10X28	3							
4	1	26206-100252	BOLT, M10X 25 PLATED	6							
5	1	119620-01620	PIN, M6X10	2							
6	1	119660-01640	CASE ASSY, OIL SEAL	1							
8	2	124085-02220	SEAL, OIL	1							
9	1	26106-060222	BOLT, M6X 22 PLATED	10							
10	1	119454-01721	SPACER, OIL SUMP	1							
11	1	119260-01770	SUMP ASSY, OIL	1							
12	2	121400-01640	PLUG, 16	1							
14	2	24311-000180	O-RING, 1AP18.0	1							
15	1	26106-060102	BOLT, M6X 10 PLATED	3							
16	1	26106-060452	BOLT, M6X 45 PLATED	20							
17	1	119620-01750	CAP	1							
18	1	977770-01212	GASKET, LIQUID	1							1

Fig.4. CYLINDER HEAD & BONNET



Remarks
(1) REPAIR PART.

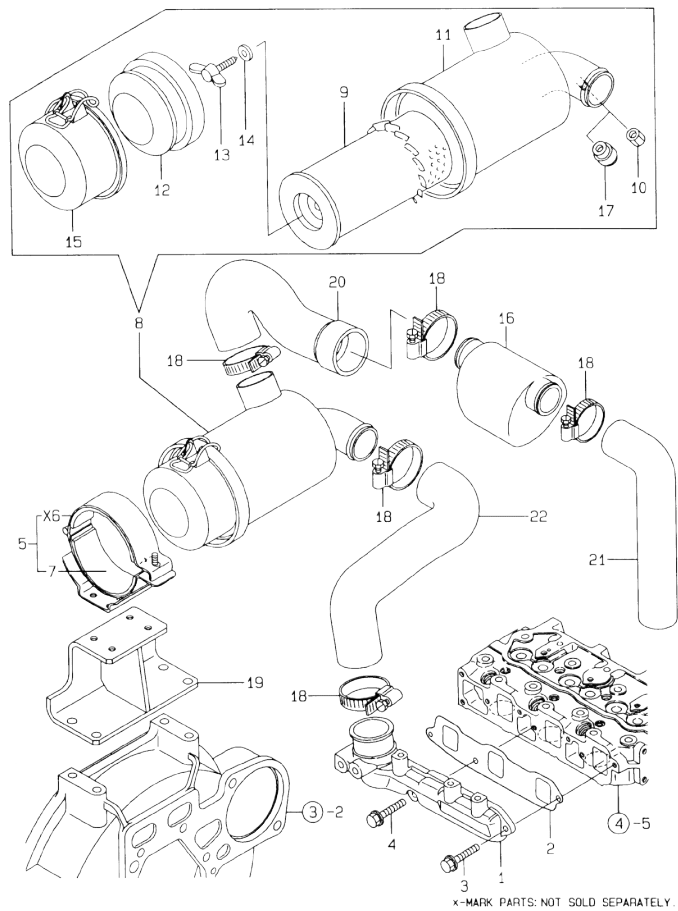
(A)=3TNE68-ENSR
(B)=
(C)=

(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	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							

Fig.5. SUCTION MANIFOLD & AIR CLEANER

5.SUCTION MANIFOLD & AIR CLEANER



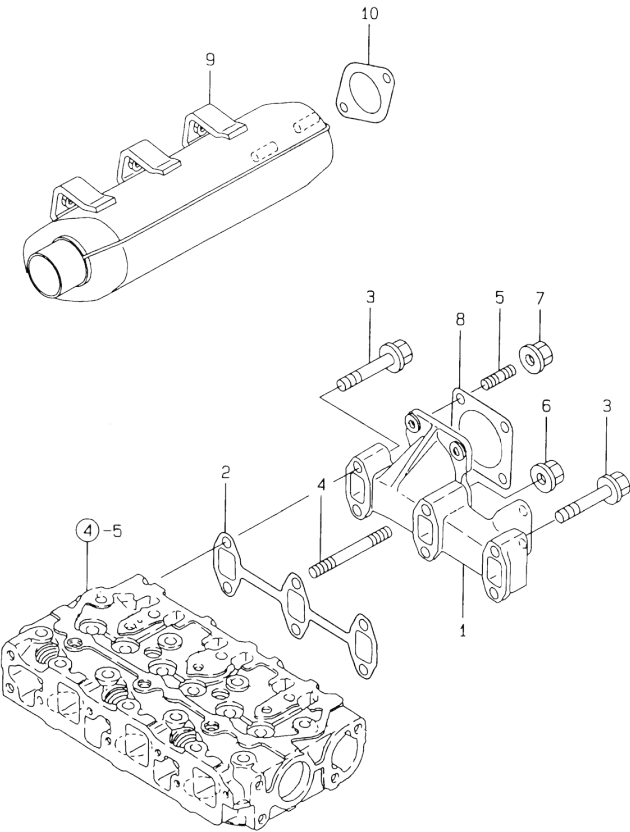
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119275-12101	MANIFOLD, AIR INTAKE	1							
2	1	119270-12110	GASKET, MANIFOLD	1							
3	1	26106-060162	BOLT, M6X 16 PLATED	2							
4	1	26106-060282	BOLT, M6X 28 PLATED	1							
5	1	119632-12590	SUPPORT ASSY,CLEANER	1							
7	2	119640-12580	SEAT, RUBBER	2							
8	1	119640-12640	CLEANER ASSY, AIR	1							
9	2	121465-12510	ELEMENT	1							
10	2	119640-12610	CAP	1							
11	2	119640-12650	CASE	1							
12	2	121024-12660	PAN ASSY, DUST	1							
13	2	124064-12680	BOLT	1							
14	2	124064-12690	WASHER	1							
15	2	121465-12700	RETAINER, ELEMENT	1							
16	1	121855-12060	SILENCER ASSY	1							
17	1	126650-12680	INDICATOR	1							
18	1	23000-060000	CLAMP, 60	5							
19	1	119233-12590	SUPPORT, AIR CLEANER	1							
20	1	119233-12600	PIPE, AIR INTAKE	1							
21	1	119233-12620	PIPE, AIR INTAKE	1							
22	1	119233-12630	PIPE, AIR INTAKE	1							

Fig.6. EXHAUST MANIFOLD & SILENCER

6.EXHAUST MANIFOLD & SILENCER



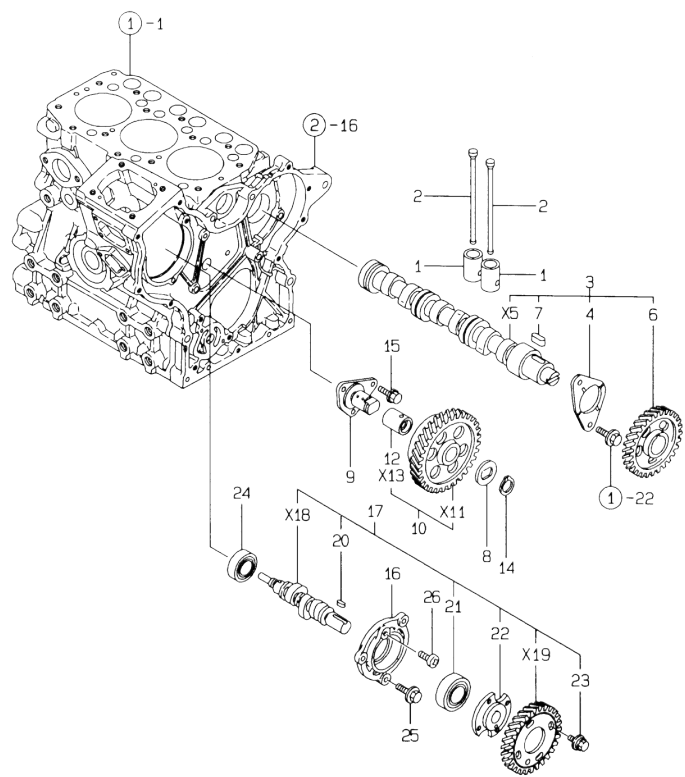
(A)=3TNE68-ENSR
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-13100	MANIFOLD, EXHAUST	1							
2	1	119260-13110	GASKET	1							
3	1	26106-060352	BOLT, M6X 35 PLATED	4							
4	1	26216-060402	STUD, M6X 40	2							
5	1	119131-18320	STUD, M8X22	4							
6	1	26366-060002	NUT, M6	2							
7	1	26366-080002	NUT, M8	4							
8	1	121000-13201	GASKET, SILENCER	1							
9	1	119332-13502	SILENCER	1							
10	1	129107-13550	GASKET	1							

0CV10-M73300 ENGINE SECTION 3TNE68-ENSR
Fig.7. CAMSHAFT & DRIVING GEAR

7.CAMSHAFT & DRIVING GEAR

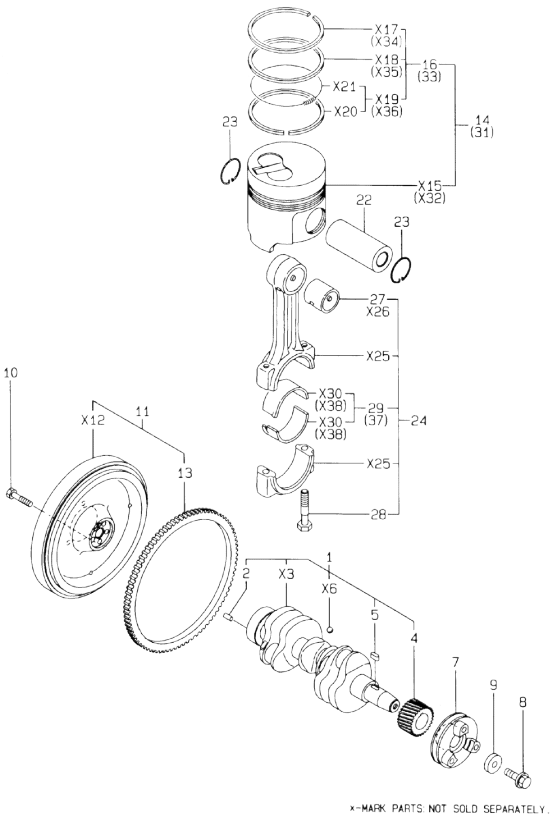


Remarks
(1) REPAIR PART.

				0CV10-M73300 Fig.7						
				(A)=3TNE68-ENSR				(D)=		
				(B)=				(E)=		
				(C)=				(F)=		
							Q'ty			
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I R
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	119225-14210	CAM ASSY	1						
20	2	22512-040120	KEY, 4X 12	1						
21	2	24102-063034	BEARING, BALL 6303U	1						
22	2	119660-25920	FLANGE	1						
23	2	119660-25930	BOLT	4						
24	1	24101-062034	BEARING, BALL 6203	1						
25	1	26106-060162	BOLT, M6X 16 PLATED	3						
26	1	26587-080102	SCREW, M8X10	1						

Fig.8. CRANKSHAFT & PISTON

B. CRANKSHAFT & PISTON



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

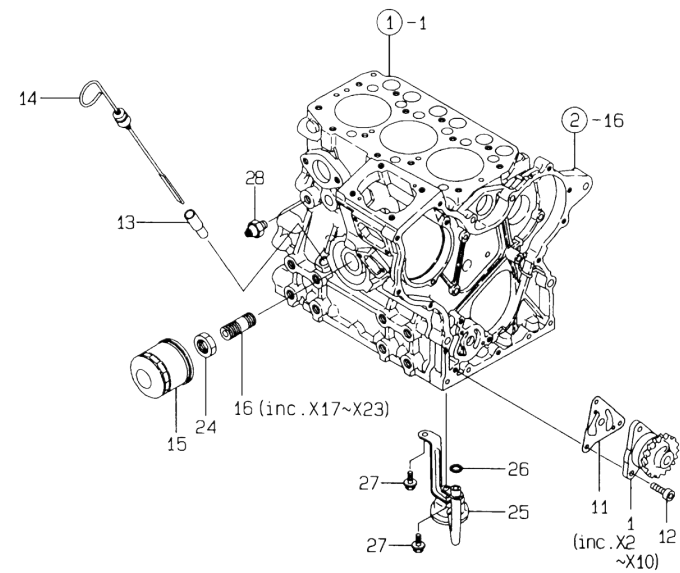
(A)=3TNE68-ENSR
(B)=
(C)=

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

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	119260-21650	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	119640-21590	FLYWHEEL ASSY	1							
13	2	119865-21600	GEAR, RING	1							
14	1	119265-22601	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	119265-22930	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

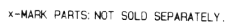
Fig.9. LUB.OIL SYSTEM

9.LUB.OIL SYSTEM



							0CV10-M73300 Fig.9					
							(A)=3TNE68-ENSR					
							(D)=					
							(E)=					
							(F)=					
							Q'ty					
							(A) (B) (C) (D) (E) (F)					
No.	Lev.	Parts No.	Description				(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	121520-34810	GUIDE, DIPSTICK				1					
14	1	129132-34800	DIPSTICK, OIL				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	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	121252-39450	SWITCH, 0.5KG				1					

10. COOLING WATER SYSTEM



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:Qty Change

X-MARK PARTS: NOT SOLD SEPARATELY.

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
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							
43	2	26022-040082	SCREW, M4X 8	4							
44	2	26033-040102	SCREW, M4X10	2							
45	1	119266-51900	BOLT	1							
46	1	22190-080002	WASHER, SEAL 6	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

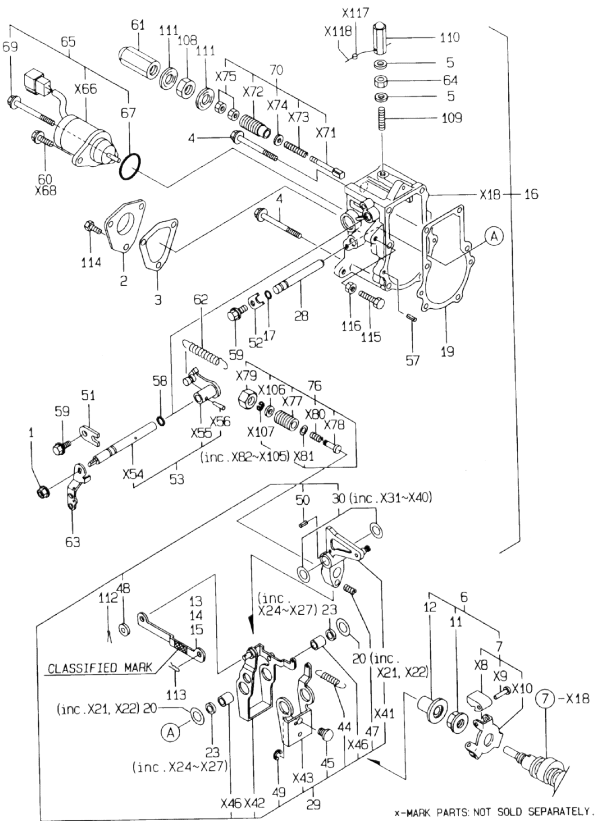
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Fig.12. GOVERNOR

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

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

12. GOVERNOR

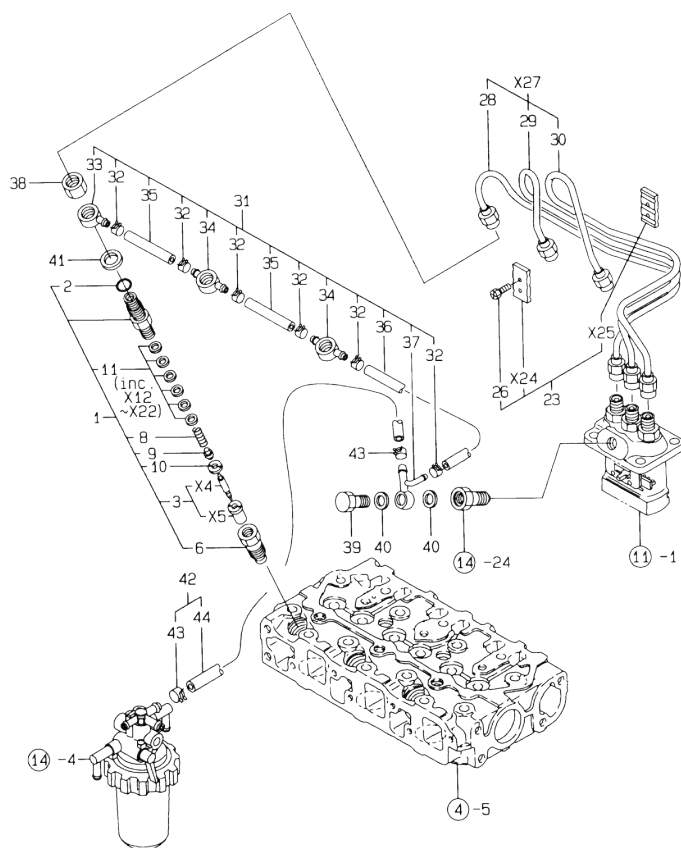


No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	194990-22050	NUT, M8	1							
2	1	119660-61060	COVER, GOVERNOR CASE	1							
3	1	119660-61071	GASKET	1							
4	1	26106-060702	BOLT, M6X 70 PLATED	5							
5	1	22190-060003	SEAL WASHER 6	2							
6	1	119600-61300	DRIVE ASSY	1							
7	2	119600-61400	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	119632-61200	CASE ASSY, GOVERNOR	1							
17	2	129155-51280	O-RING, S6	1							
19	2	119660-61052	GASKET	1							
20	2	119660-61460	SHIM SET	1							
23	2	129155-61480	SPACER ASSY	2							
28	2	119660-61590	SHAFT	1							
29	2	119232-61510	LEVER ASSY, GOVERNOR	1							
30	3	174307-51700	SHIM SET	2							
44	3	119232-61540	SPRING	1							
45	3	119600-61541	SHIFTER	1							
47	3	119660-61651	SPRING, STARTING	1							
48	3	22117-040000	WASHER, 4	1							
49	3	22272-000040	RING, E- 4	1							
50	3	22351-030014	PIN, SPRING 3.0X14	1							
51	2	119600-61900	RETAINER, SHAFT	1							
52	2	119660-61901	RETAINER, SHAFT	1							
53	2	119285-66080	SHAFT ASSY	1							
57	2	22351-040010	PIN, SPRING 4.0X10	2							
58	2	24341-000070	O-RING, 1AS7.0	1							
59	2	26106-060102	BOLT, M6X 10 PLATED	2							
60	1	121465-59950	BOLT, M6X16	1							
61	1	26687-120002	NUT, CAP M12	1							
62	1	119600-66020	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	119600-66530	LIMITER ASSY, FUEL	1							
76	1	119654-66700	ANGLEICH ASSY	1							
108	1	26776-120002	NUT, LOCK M12	1							
109	1	121575-66830	SCREW	1							
110	1	119600-66840	NUT, CAP	1							
111	1	22190-120002	WASHER, SEAL 12	2							
112	1	22360-040000	PIN, SNAP 4	1							
113	1	22360-060000	PIN, SNAP 6	1							
114	1	26116-050102	BOLT, M5X 10 PLATED	3							
115	1	26116-060304	BOLT, M6X 30 PLATED	1							
116	1	26756-060002	NUT, LOCK M6	1							

N:Old, New, Q:Old, New, R:Old, New, S:Old, New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Qty Change
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Remarks
(1) SELECTIVE PARTS: CERTAIN THE
CLASSIFICATION MARK, THEN PLACE
YOUR ORDER(REFER TO ILLUSTRATION)

13.FUEL INJECTION VALVE



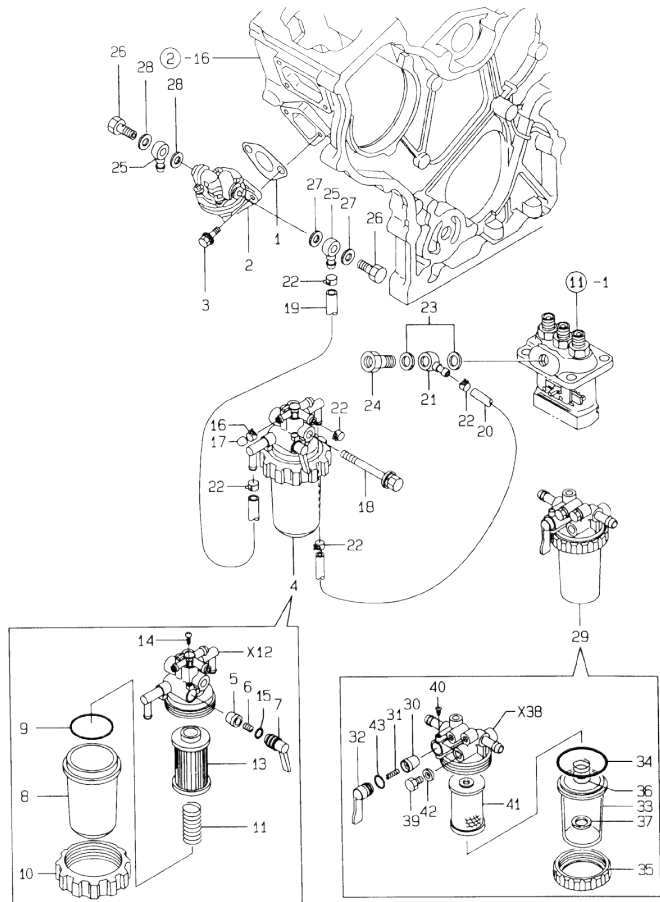
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719255-53100	VALVE ASSY, INJECTION	3							
2	2	129155-61830	O-RING, S10	3							
3	2	119620-53000	VALVE ASSY, INJECTION	3							
6	2	119620-53080	NUT, NOZZLE	3							
8	2	119620-53120	SPRING, NOZZLE	3							
9	2	114250-53130	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	119209-59810	PIPE ASSY, INJECTION	1							
29	2	119209-59820	PIPE ASSY, INJECTION	1							
30	2	119209-59830	PIPE ASSY, INJECTION	1							
31	1	119642-59540	PIPE ASSY, RETURN	1							
32	2	124066-59100	CLIP, HOSE 8	6							
33	2	119260-59520	JOINT	1							
34	2	119260-59530	JOINT	2							
35	2	105025-59550	PIPE, FUEL RETURN	2							
36	2	119642-59550	PIPE, FUEL RETURN	1							
37	2	119642-59570	JOINT, OVER FLOW	1							
38	1	119620-59700	NUT, NOZZLE	3							
39	1	124550-59820	BOLT, PIPE JOINT M8	1							
40	1	22190-080002	WASHER, SEAL 6	2							
41	1	22190-140002	WASHER, SEAL 14	3							
42	1	724767-59080	PIPE ASSY, FUEL L155	1							
43	2	124766-59050	CLIP, HOSE 12	2							
44	2	124767-59080	PIPE, FUEL	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.14. FUEL LINE

14.FUEL LINE



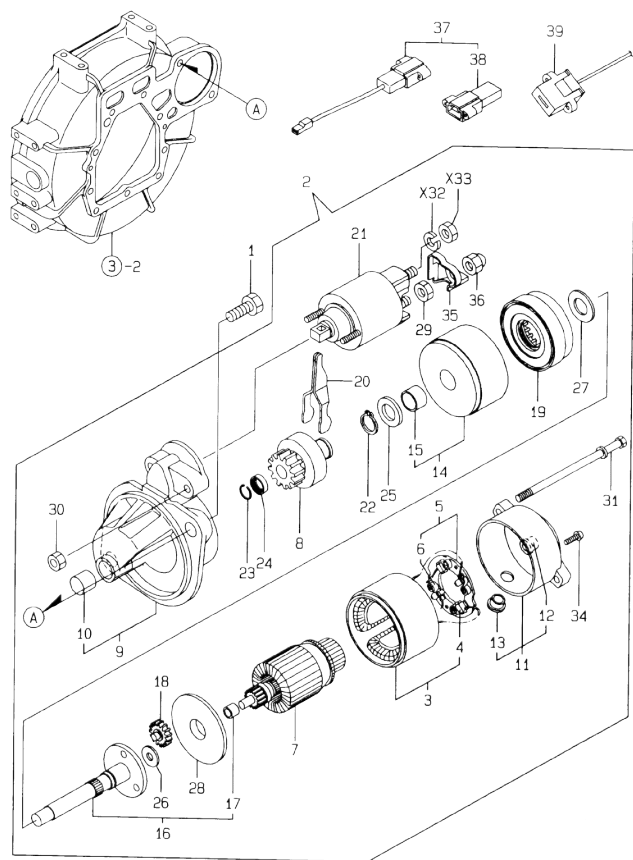
(A)=3TNE68-ENSR
(B)=
(C)=

(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	119632-55620	FILTER ASSY, FUEL	1							
5	2	104200-55321	VALVE, TAPER	1							
6	2	104200-55330	SPRING, VALVE	1							
7	2	119810-55340	LEVER	1							
8	2	121254-55510	COVER	1							
9	2	102103-55520	O-RING	1							
10	2	110250-55610	RING, RETAINING	1							
11	2	121250-55620	SPRING	1							
13	2	124550-55700	FILTER, FUEL L=90	1							
14	2	104200-55750	SCREW, M4	1							
15	2	24311-240100	O-RING, 1AP10A	1							
16	1	124066-59100	CLIP, HOSE 8	1							
17	1	129150-59580	CAP	1							
18	1	26014-080702	BOLT, M8X 70	1							
19	1	121522-59100	PIPE, FUEL D12X500	1							
20	1	119230-59080	PIPE, FUEL D12X185	1							
21	1	101304-59020	JOINT, PIPE 12	1							
22	1	124766-59050	CLIP, HOSE 12	5							
23	1	22190-120002	WASHER, SEAL 12	2							
24	1	119650-59200	BOLT, PIPE JOINT M12	1							
25	1	104264-59030	JOINT, PIPE 8	2							
26	1	105582-59150	BOLT, PIPE JOINT	2							
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							
36	2	121257-55720	SPRING	1							
37	2	121257-55731	FLOAT	1							
39	2	101720-55750	PLUG, 6	2							
40	2	104200-55750	SCREW, M4	1							
41	2	121850-55710	SCREEN	1							
42	2	23418-060000	GASKET, 6X1.0	2							
43	2	24311-240100	O-RING, 1AP10A	1							

Fig.15. STARTING MOTOR

15.STARTING MOTOR

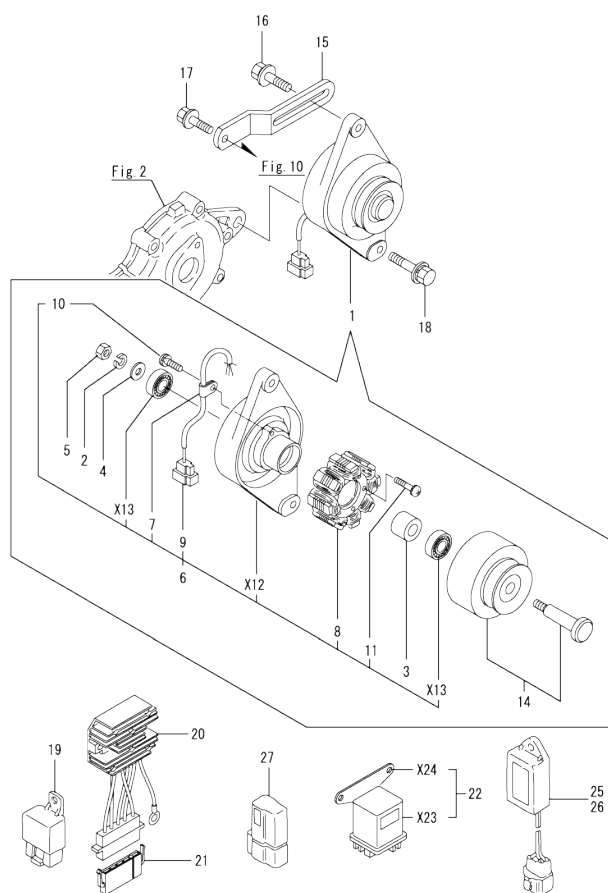


X-MARK PARTS NOT SOLD SEPARATELY.

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26116-120302	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	X2284005750	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	X0280335360	COVER, TERMINAL	1							
36	2	X1289510130	NUT	1							
37	1	129052-77951	CONNECTOR, STARTER	1							
38	2	129052-77960	HOUSING	1							
39	1	119643-77900	CONNECTOR, STARTER	1							



x-MARK PARTS:NOT SOLD SEPARATELY.

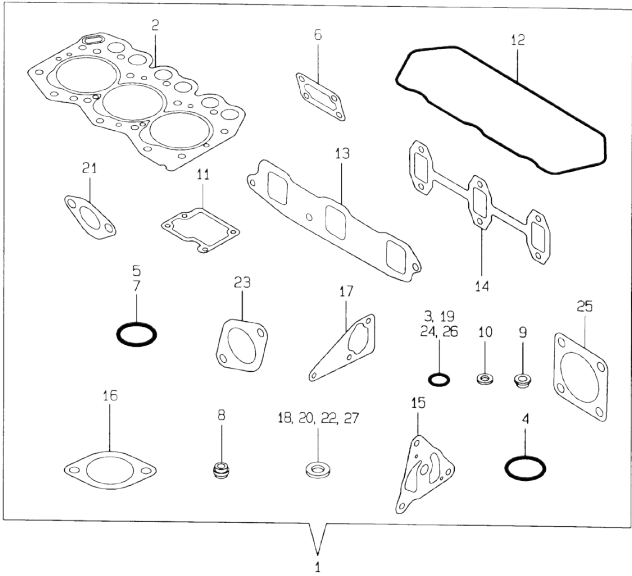
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-77202	GENERATOR	1							
1-1	1	129150-77203	DINAMO ASSY	1							N
		(A=EXXXXX)									
2	2	XM219230000	WASHER, SPRING	1							
3	2	XM329830000	COLLAR	1							
4	2	XM860250000	WASHER, 10	1							
5	2	XM863720000	NUT	1							
6	2	129150-77210	PLATE ASSY	1							
7	3	XM069000000	CLAMP	1							
8	3	XM081780000	STATOR	1							
9	3	XM178780000	COUPLER	1							
10	3	XYSPS400800	SCREW	1							
11	3	XYSPS402400	SCREW	2							
14	2	129150-77230	FLYWHEEL ASSY	1							
14-1	2	129150-77280	FLYWHEEL ASSY	1							N
		(A=EXXXXX)									
15	1	119660-77330	ADJUSTER	1							
16	1	26014-080252	BOLT, M8X 25	1							
17	1	26106-080162	BOLT, M8X 16 PLATED	1							
18	1	26106-100402	BOLT, M10X 40 PLATED	1							
19	1	119247-77100	RELAY, POWER	1							
20	1	129150-77711	LIMITER, CURRENT 20A	1							
21	1	171301-77720	COUPLER	1							
22	1	119650-77910	RELAY ASSY, GLOW	1							
25	1	119632-77920	TIMER	1							
26	1	128300-77920	TIMER	1							
27	1	119643-66900	DIODE	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.17. GASKET SET

17.GASKET SET



Remarks
(1) OPTIONAL PART.

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

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

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	3							
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	22190-140002	WASHER, SEAL 14	3							
21	2	121520-01851	GASKET	1							
22	2	22190-120002	WASHER, SEAL 12	2							
23	2	129107-13550	GASKET	1							
24	2	119624-32040	O-RING, P12.0	2							
25	2	121000-13201	GASKET, SILENCER	1							
26	2	119209-35030	O-RING, P11	1							
27	2	22190-080002	WASHER, SEAL 6	6							
28	1	129400-92400	FLEX HORN	1							1
29	1	977770-01212	GASKET, LIQUID	1							1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	14	21
101720-55750	14	39
102103-55520	14	9
		34
104200-55321	14	5
		30
104200-55330	14	6
		31
104200-55341	14	32
104200-55750	14	14
		40
104264-59030	14	25
104514-42780	10	16
105010-11230	4	32
		36
105025-59550	13	35
105546-51330	11	24
105582-59150	14	26
110250-55610	14	10
		35
114250-11120	4	16
114250-11180	4	17
114250-53130	13	9
114250-53400	13	11
118400-03060	4	51
119131-18320	6	5
119209-35030	9	26
		17
		26
119209-42320	10	12
119209-59810	13	28
119209-59820	13	29
119209-59830	13	30
119225-14210	7	17
119225-35300	9	16
119225-51100	11	3
119225-51300	11	21
119230-59080	14	20
119232-61510	12	29
119232-61540	12	44
119233-12590	5	19
119233-12600	5	20
119233-12620	5	21
119233-12630	5	22
119247-77100	16	19
119255-77010	15	2
119260-01490	2	16
119260-01510	2	18
119260-01590	2	1
119260-01770	3	11
119260-02020	1	5

Parts No.	Fig. No.	Ref. No.
119260-02800	1	14
119260-02930	1	17
119260-03020	4	47
119260-03031	4	48
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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
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119260-11340	4	20
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119260-11370	4	21
119260-11800	4	8
119260-13100	6	1
119260-13110	6	2
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119260-14100	7	6
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119260-21650	8	7
119260-23910	8	27
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119260-59530	13	34
119265-01250	1	9
119265-01341	1	21
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119265-11260	4	40
119265-11700	4	5
119265-21700	8	1
119265-22300	8	22
119265-22500	8	16
119265-22601	8	14
119265-22930	8	31
119265-22950	8	33
119265-23100	8	24
119265-23200	8	28

Parts No.	Fig. No.	Ref. No.
119265-42002	10	1
119266-01200	1	20
119266-02410	1	13
119266-51900	11	45
119270-12110	5	2
	17	13
119275-12101	5	1
119280-49020	10	32
119285-66080	12	53
119305-35150	9	15
119332-13502	6	9
119454-01721	3	10
119489-49010	10	31
119600-01600	3	2
119600-11450	4	22
	17	9
119600-11460	4	23
	17	10
119600-52021	14	2
119600-61300	12	6
119600-61400	12	7
119600-61541	12	45
119600-61900	12	51
119600-66020	12	62
119600-66530	12	70
119600-66840	12	110
119620-01620	3	5
119620-01750	3	17
119620-01800	2	3
119620-02450	7	4
119620-11350	4	41
119620-21941	8	9
119620-25912	7	12
119620-42350	10	17
119620-51170	11	6
119620-51180	11	7
119620-51190	11	8
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119620-51340	11	25
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119620-51450	11	28
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119620-51510	11	31
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119620-51660	11	34
119620-51670	11	35
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119620-51700	11	37
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