

0CV10-M82800EN

P R E F A C E

1. This Parts Catalog carries all parts incorporated in YANMAR Model 3TNE74—ED0 engine manufactured since October, 2001.
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 COMPENSATOR 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.

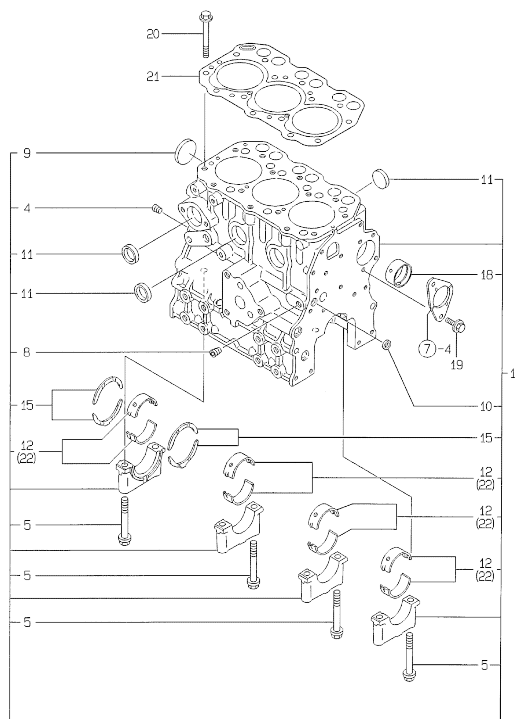
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

Contents

Fig. No.	Fig. Name	Fig. No.	Fig. Name
3TNE74-EDO			
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		

0CV10-M82800

Fig.1. CYLINDER BLOCK



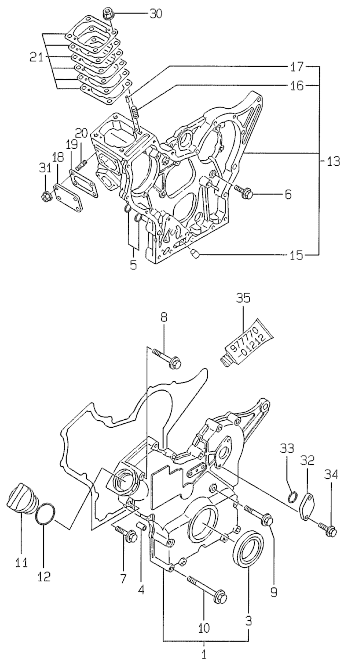
Remarks
(1)UNDER-SIZE(U.S=0.25)PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719623-01560	BLOCK ASSY, CYLINDER	1							
4	2	119600-01050	PLUG, PT1/4	1							
5	2	119620-02020	BOLT, METAL CAP	8							
8	2	23876-010000	PLUG, R01	1							
9	2	119623-01250	PLUG, 45	1							
10	2	27241-120000	PLUG, 12	1							
11	2	27241-300000	PLUG 30	6							
12	2	719620-02800	BEARING, MAIN	4							
15	2	719620-02930	BEARING, THRUST	2							
18	2	119624-02410	BUSH	1							
19	1	26106-060122	BOLT, M6X 12 PLATED	2							
20	1	119620-01200	BOLT, HEAD	14							
21	1	119623-01340	GASKET, HEAD	1							
22	1	719620-02870	BEARING, 0.25 US	4							1

N:Old $\frac{YBS}{10}$ New, Q:Old $\frac{R10}{100}$ New, R:Old $\frac{YBS}{100}$ New, S:Old $\frac{R10}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.2. GEAR HOUSING

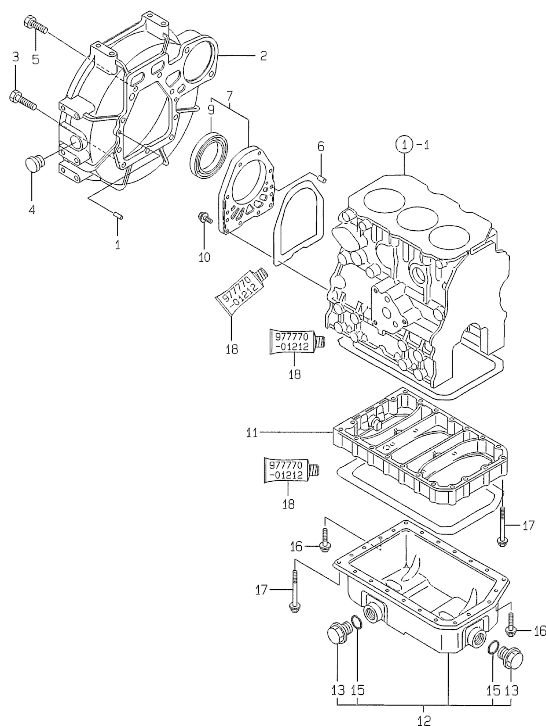


Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119610-01590	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	7							
7	1	26106-060302	BOLT, M6X 30 PLATED	8							
8	1	26106-060602	BOLT, M6X 60 PLATED	1							
9	1	26106-060602	BOLT, M6X 60 PLATED	3							
10	1	26106-060802	BOLT, M6X 80 PLATED	6							
11	1	124160-01751	COVER, FILLER	1							
12	1	24311-000320	O-RING, 1AP32.0	1							
13	1	119610-01490	CASE ASSY, GEAR	1							
15	2	119660-01510	PLUG, 10X14	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	119623-01950	SHIM SET, ADJUSTING	1							
30	1	194990-22050	NUT, M8	4							
31	1	26366-060002	NUT, M6	4							
32	1	121023-01550	COVER	1							
33	1	24341-000240	O-RING, 1AS24.0	1							
34	1	26106-060162	BOLT, M6X 16 PLATED	2							
35	1	977770-01212	GASKET, LIQUID	1							1

N:Old $\frac{YBS}{100}$ New, Q:Old $\frac{H0}{100}$ New, R:Old $\frac{YBS}{100}$ New, S:Old $\frac{H0}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.3. FLYWHEEL HOUSING & OIL SUMP

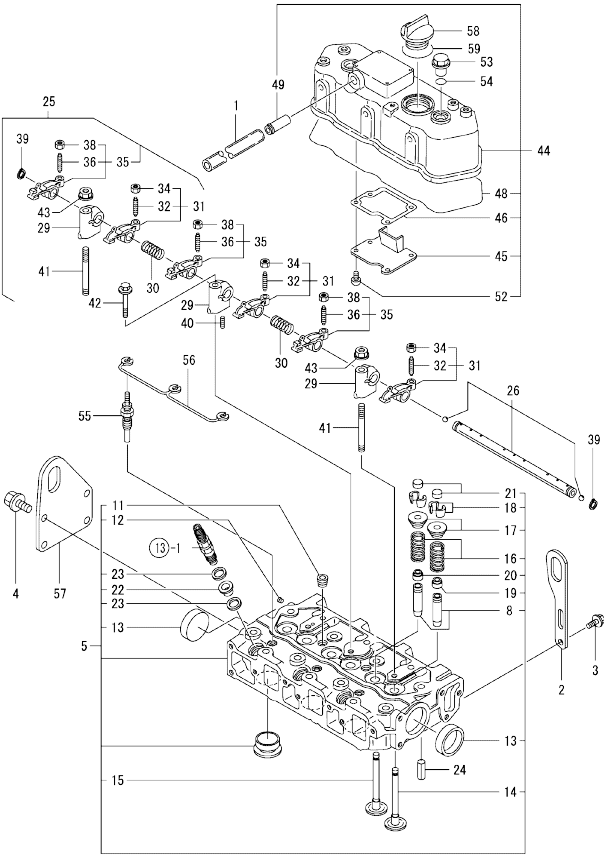
Remarks
(1) OPTIONAL PART.

					(A)=3TNE74-EDO (B)= (C)=	(D)= (E)= (F)=					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty (D)	(E)	(F)	I	R
1	1	129100-01580	PIN, M8X16	2							
2	1	119600-01600	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	119600-01722	SPACER, OIL SUMP	1							
12	1	119600-01770	SUMP ASSY, OIL	1							
13	2	171301-01640	PLUG, 22	2							
15	2	24341-000250	O-RING, 1AS25.0	2							
16	1	26106-060122	BOLT, M6X 12 PLATED	3							
17	1	26106-060452	BOLT, M6X 45 PLATED	20							
18	1	977770-01212	GASKET, LIQUID	1							

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

0CV10-M82800

Fig.4. CYLINDER HEAD & BONNET

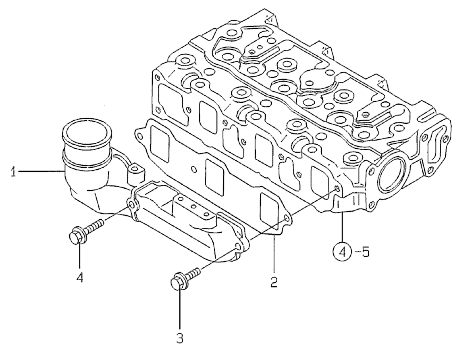


Remarks
(1) REPAIR PART.

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	124736-07900	LIFTER	1							
3	1	26106-080142	BOLT, M8X 14 PLATED	2							
4	1	26106-060122	BOLT, M6X 12 PLATED	4							
5	1	119626-11000	HEAD ASSY, CYLINDER	1							1
8	2	119620-11801	GUIDE, VALVE	6							
11	2	23876-020000	PLUG, R02	2							
12	2	27221-050080	PLUG, 5X 8	1							
13	2	27241-400000	PLUG, 40	2							
14	2	119623-11100	VALVE, INTAKE	3							
15	2	119620-11110	VALVE, EXHAUST	3							
16	2	119620-11120	SPRING, VALVE	6							
17	2	119620-11180	RETAINER, SPRING	6							
18	2	27310-070001	COTTER, 7	6							
19	2	124160-11340	SEAL, VALVE STEM	3							
20	2	124950-11340	SEAL, VALVE STEM	3							
21	2	104211-11370	CAP, VALVE	6							
22	2	119600-11450	PROTECTOR, NOZZLE	3							
23	2	119600-11460	GASKET, NOZZLE	6							
24	1	22351-060012	PIN, SPRING 6.0X12	2							
25	1	119620-11200	SUPPORT ASSY, ARM	1							
26	2	119620-11240	SHAFT ASSY, ROCKER	1							
29	2	119620-11260	SUPPORT, ROCKER ARM	3							
30	2	119620-11280	SPRING	2							
31	2	719620-11650	ARM ASSY, ROCKER	3							
32	3	105010-11230	SCREW, VALVE ADJUST	3							
34	3	26856-060002	NUT, M6	3							
35	2	719620-11660	ARM ASSY, ROCKER	3							
36	3	105010-11230	SCREW, VALVE ADJUST	3							
38	3	26856-060002	NUT, M6	3							
39	2	22242-000120	RING, 12	2							
40	2	26979-050162	SCREW, M5X16	1							
41	1	119620-11350	STUD	2							
42	1	26106-080452	BOLT, M8X 45 PLATED	1							
43	1	26306-080002	NUT, M8	2							
44	1	719620-11521	BONNET ASSY, HEAD	1							
45	2	119620-03020	PLATE, SHELTER	1							
46	2	119620-03031	GASKET	1							
48	2	119620-11310	GASKET, BONNET	1							
49	2	118400-03060	JOINT, BREATHER	1							
52	2	22857-500100	SCREW, 5X10	4							
53	1	124160-11360	KNOB	2							
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	119632-07900	LIFTER	1							
58	1	124160-01751	COVER, FILLER	1							
59	1	24311-000320	O-RING, 1AP32.0	1							

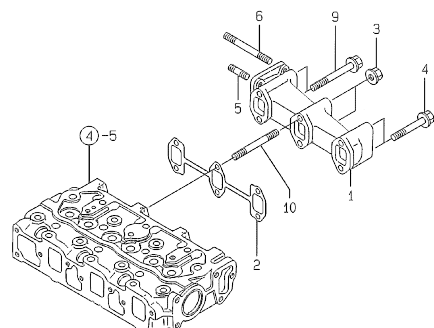
N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.5. SUCTION MANIFOLD & AIR CLEANER



No.	Lev.	Parts No.	Description	(A)=3TNE74-EDO						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119660-12101	MANIFOLD, AIR INTAKE	1							
2	1	119660-12111	GASKET, MANIFOLD	1							
3	1	26106-060162	BOLT, M6X 16 PLATED	2							
4	1	26106-060402	BOLT, M6X 40 PLATED	1							
5	1	119653-12500	CLEANER ASSY, AIR	1							
7	2	119655-12560	ELEMENT	1							
9	2	119808-12540	VALVE, UNLOADER	1							
10	1	119865-12600	BAND ASSY, CLEANER	1							

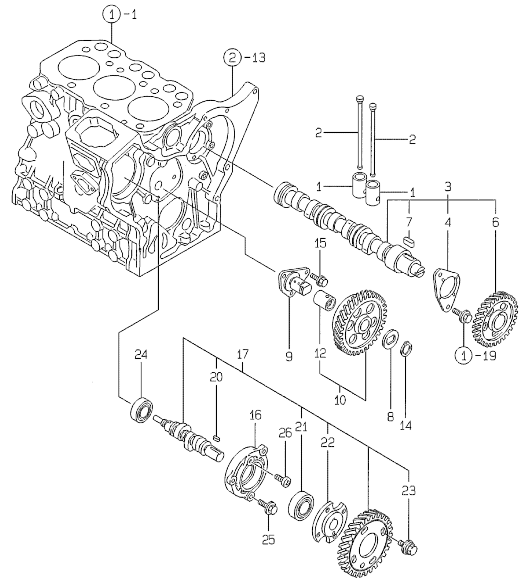
N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Qty Change
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0CV10-M82800

Fig.7. CAMSHAFT & DRIVING GEAR



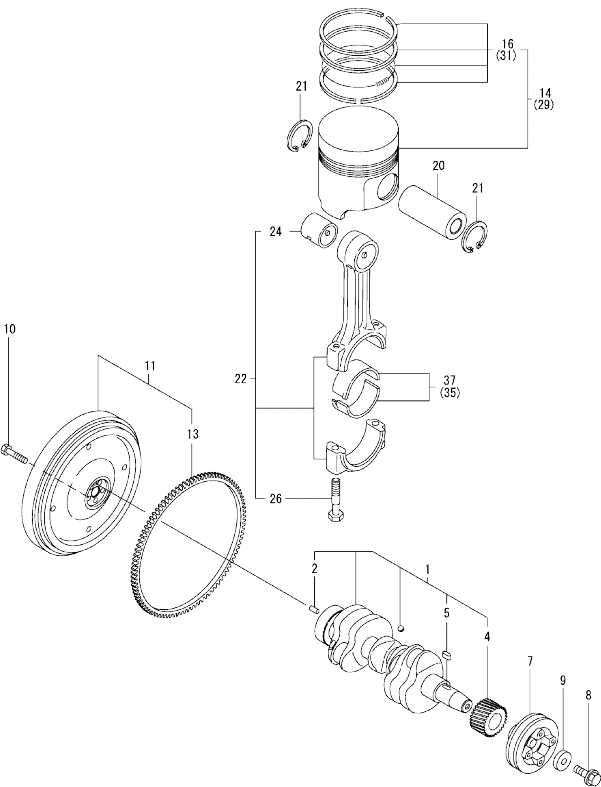
Remarks
(1) REPAIR PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119620-14200	TAPPET	6							
2	1	119620-14401	ROD, PUSH	6							
3	1	119629-14580	CAMSHAFT ASSY	1							
4	2	119620-02450	BEARING, THRUST	1							
6	2	119620-14100	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	119620-25102	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	719660-14600	CAMSHAFT	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							

N:Old $\frac{YBS}{100}$ New, Q:Old $\frac{R10}{100}$ New, R:Old $\frac{YBS}{100}$ New, S:Old $\frac{R10}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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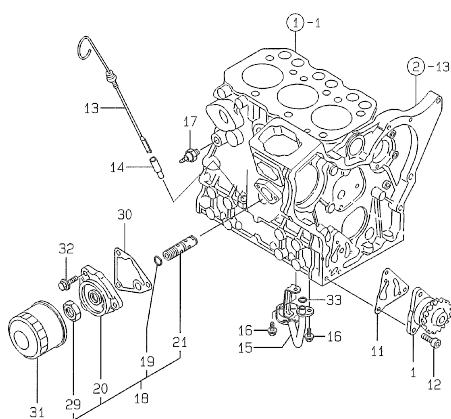
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Fig.8. CRANKSHAFT & PISTON



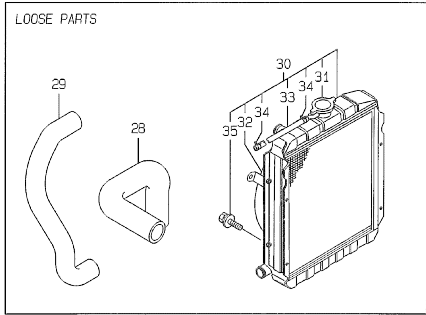
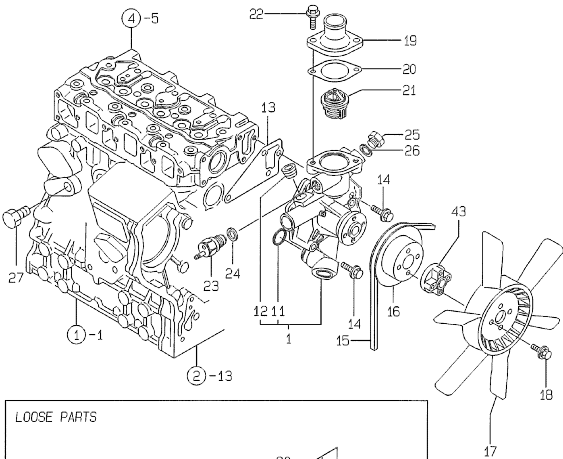
Remarks
(1) REPAIR PART.
(2) OVER-SIZE(O.S=0.25)PART.
(3) UNDER-SIZE(U.S=0.25)PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119623-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
4	2	119644-21200	GEAR, CRANKSHAFT	1							
5	2	22512-040120	KEY, 4X 12	1							
7	1	119660-21651	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	119665-21600	GEAR, RING	1							
14	1	119624-22082	PISTON ASSY	3							
16	2	119623-22500	RING SET, PISTON	3							
20	1	114399-22300	PIN, PISTON D=21	3							
21	1	22252-000210	RING, 21	6							
22	1	719620-23100	ROD ASSY, CONNECTING	3							
24	2	119620-23910	BEARING, PISTON PIN	3							1
26	2	105225-23200	BOLT, CONNECTING ROD	6							
29	1	119624-22900	PISTON ASSY, 0.25 OS	3							2
31	2	119623-22950	RING SET, 0.25 OS	3							2
35	1	719620-23610	BEARING ASSY, 0.25	3							3
37	1	719620-23600	BEARING, CRANK PIN	3							



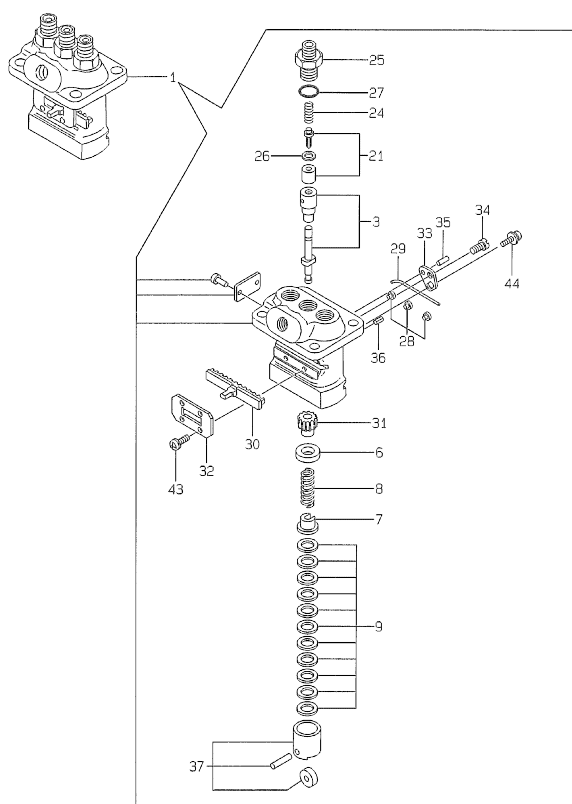
No.	Lev.	Parts No.	Description	(A)=3TNE74-EDO (B)= (C)=						(D)= (E)= (F)=	I	R
				(A)	(B)	(C)	(D)	(E)	(F)	Q'ty		
1	1	119660-32001	PUMP ASSY, OIL	1								
11	1	119660-32020	GASKET, PUMP	1								
12	1	26450-060202	BOLT, M6x 20	3								
13	1	119623-34820	DIPSTICK, OIL	1								
14	1	121520-34810	GUIDE, DIPSTICK	1								
15	1	119600-35091	PIPE ASSY, OIL INLET	1								
16	1	26106-060102	BOLT, M6x 10 PLATED	2								
17	1	114250-39450	SWITCH, 0.5KG	1								
18	1	119609-35000	BRACKET ASSY, FILTER	1								
19	2	119609-32040	O-RING, P16	1								
20	2	119660-35102	BRACKET, FILTER	1								
21	2	119609-35300	VALVE ASSY, CONTROL	1								
29	2	129150-35350	NUT	1								
30	1	119660-35113	GASKET	1								
31	1	119305-35150	FILTER, OIL	1								
32	1	26106-080202	BOLT, M8x 20 PLATED	3								
33	1	119209-35030	O-RING, P11	1								

Fig.10. COOLING WATER SYSTEM



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119660-42007	PUMP ASSY, WATER	1							
11	2	119609-42320	O-RING	1							
12	2	23876-030000	PLUG, R03	1							
13	1	119620-42021	GASKET, WATER PUMP	1							
14	1	26106-080452	BOLT, M8X 45 PLATED	4							
15	1	119656-42290	V-BELT, FM35.5	1							
16	1	119642-42350	V-PULLEY, D=97	1							
17	1	124251-44740	PLATE	1							
18	1	26014-060142	BOLT, M6X 14	4							
19	1	129350-49530	COVER, THERMOSTAT	1							
20	1	129350-49541	GASKET	1							
21	1	129350-49800	THERMOSTAT, 71	1							
22	1	26106-080202	BOLT, M8X 20 PLATED	2							
23	1	121250-44901	SWITCH, 110	1							
24	1	124465-44950	GASKET, 16	1							
25	1	121450-42450	PLUG, M16	1							
26	1	124465-44950	GASKET, 16	1							
27	1	171056-49120	PLUG, DRAIN	1							
28	1	119688-49010	PIPE, WATER	1							
29	1	119280-49020	PIPE, WATER	1							
30	1	119621-44500	RADIATOR	1							
31	2	123682-44210	CAP, RADIATOR	1							
32	2	X2411365340	SHROUD	1							
33	2	129132-44530	HOSE, RUBBER	1							
34	2	121250-44590	CLAMP	2							
35	2	26014-080162	BOLT, M8X 16	4							

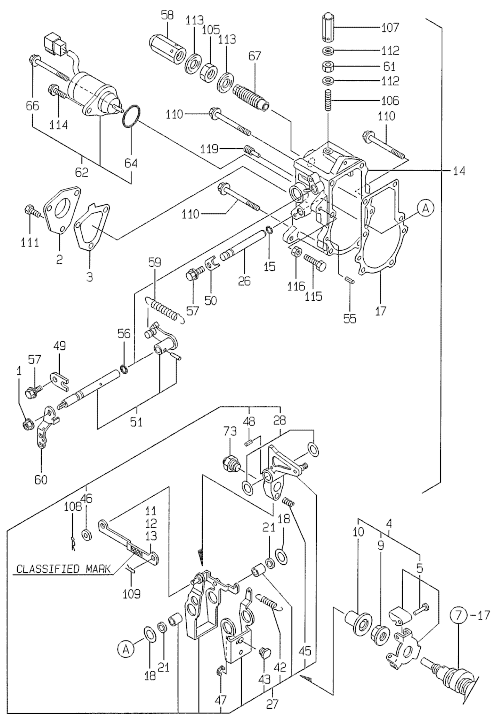
Fig.11. FUEL INJECTION PUMP



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719624-51100	PUMP ASSY, INJECTION	1							
3	2	119620-51101	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	119620-51300	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							

OCV10-M82800

Fig.12. GOVERNOR

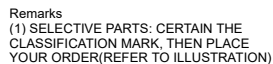


Remarks
(1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER(REFER TO ILLUSTRATION)

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	119600-61300	DRIVE ASSY	1							
5	2	119600-61400	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	119632-61200	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	119660-61590	SHAFT	1							
27	2	119232-61510	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	119600-61900	RETAINER, SHAFT	1							
50	2	119660-61901	RETAINER, SHAFT	1							
51	2	119285-66080	SHAFT ASSY	1							
55	2	22351-040010	PIN, SPRING 4.0X10	2							
56	2	24341-000070	O-RING, 1AS7.0	1							
57	2	26106-060102	BOLT, M6X 10 PLATED	2							
58	1	129100-61930	NUT, CAP	1							
59	1	119600-66020	SPRING, REGULATOR	1							
60	1	119621-66051	LEVER, REGULATOR	1							
61	1	124550-66370	NUT, M6	1							
62	1	119653-66500	STOPPER ASSY	1							
64	2	24341-000280	O-RING, 1AS28.0	1							
66	2	119620-01530	BOLT	1							
67	1	119260-66530	LIMITER ASSY, FUEL	1							
73	1	119610-66700	ANGLEICH ASSY	1							
105	1	26736-120002	NUT, M12	1							
106	1	121575-66830	SCREW	1							
107	1	119600-66840	NUT, CAP	1							
108	1	22360-040000	PIN, SNAP 4	1							
109	1	22360-060000	PIN, SNAP 6	1							
110	1	26106-060702	BOLT, M6X 70 PLATED	6							
111	1	26116-050102	BOLT, M5X 10 PLATED	3							
112	1	22190-060003	SEAL WASHER 6	2							
113	1	22190-120002	WASHER, SEAL 12	2							
114	1	121465-59950	BOLT, M6X16	1							
115	1	26116-060304	NUT, M6X 30 PLATED	1							
116	1	26756-060002	NUT, LOCK M6	1							

N:Old, $\frac{New}{Old}$:New, Q:Old, $\frac{New}{Old}$:New, R:Old, $\frac{New}{Old}$:New, S:Old, $\frac{New}{Old}$:New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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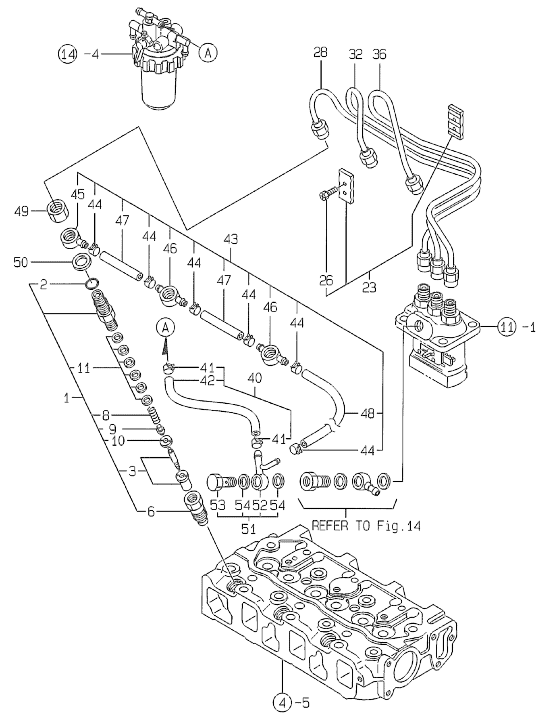
Fig.12. GOVERNOR



N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

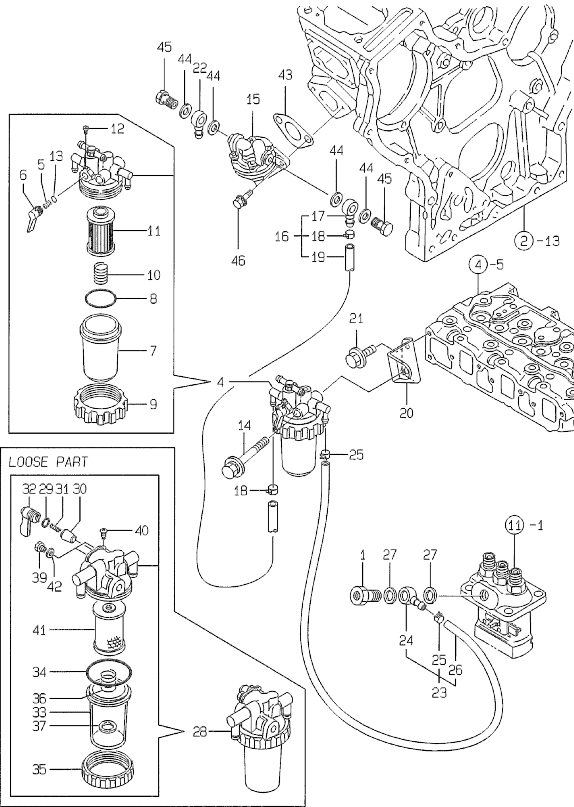
OCV10-M82800

Fig.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	1	119620-59811	PIPE ASSY, INJECTION	1							
32	1	119620-59821	PIPE ASSY, INJECTION	1							
36	1	119620-59831	PIPE ASSY, INJECTION	1							
40	1	719225-59560	PIPE ASSY, FUEL	1							
41	2	124766-59050	CLIP, HOSE 12	2							
42	2	119225-59560	PIPE, FUEL	1							
43	1	119266-59540	PIPE ASSY, FUEL	1							
44	2	124066-59100	CLIP, HOSE 8	6							
45	2	119260-59520	JOINT	1							
46	2	119260-59530	JOINT	2							
47	2	105025-59550	PIPE, FUEL RETURN	2							
48	2	119000-59560	PIPE, FUEL RETURN	1							
49	1	119620-59700	NUT, NOZZLE	3							
50	1	22190-140002	WASHER, SEAL 14	3							
51	1	119266-59501	JOINT ASSY, PIPE	1							
52	2	119266-59570	JOINT, OVER FLOW	1							
53	2	119266-59580	BOLT, PIPE JOINT M8	1							
54	2	22190-080002	WASHER, SEAL 6	2							

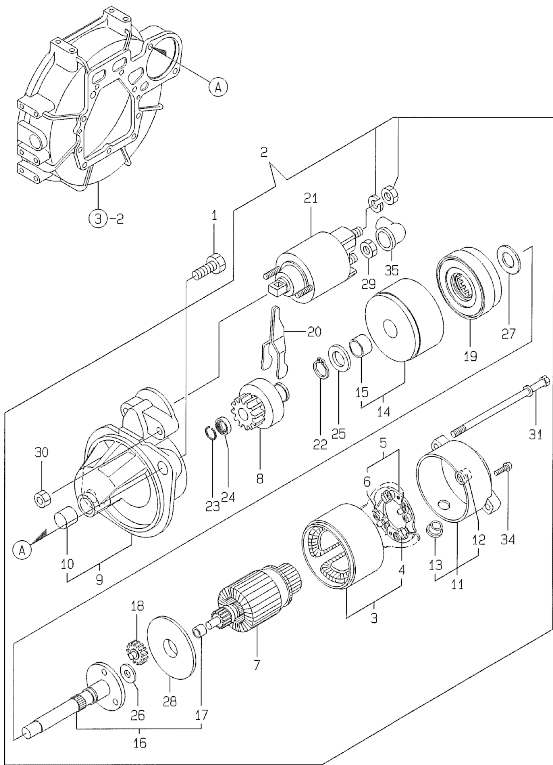
Fig.14. FUEL LINE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	105340-59190	BOLT ASSY, JOINT	1							
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	119600-52021	PUMP ASSY, FUEL FEED	1							
16	1	119244-59020	PIPE ASSY, FUEL	1							
17	2	104264-59030	JOINT, PIPE 8	1							
18	2	124766-59050	CLIP, HOSE 12	2							
19	2	121522-59100	PIPE, FUEL D12X500	1							
20	1	119653-55910	BRACKET, FILTER	1							
21	1	26106-080182	BOLT, M8X 18 PLATED	2							
22	1	104264-59030	JOINT, PIPE 8	1							
23	1	119260-59031	PIPE, FUEL	1							
24	2	101304-59020	JOINT, PIPE 12	1							
25	2	124766-59050	CLIP, HOSE 12	2							
26	2	124767-59080	PIPE, FUEL	1							
27	1	22190-120002	WASHER, SEAL 12	2							
28	1	129335-55700	SEPARATOR ASSY, WATER	1							
29	2	24311-240100	O-RING, 1AP10A	1							
30	2	104200-55321	VALVE, TAPER	1							
31	2	104200-55330	SPRING, VALVE	1							
32	2	104200-55341	HANDLE	1							
33	2	124064-55510	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	171081-55910	SCREEN	1							
42	2	23418-060000	GASKET, 6X1.0	2							
43	1	121520-01851	GASKET	1							
44	1	22190-080002	WASHER, SEAL 6	4							
45	1	105582-59150	BOLT, PIPE JOINT	2							
46	1	26014-060202	BOLT, M6X 20	2							

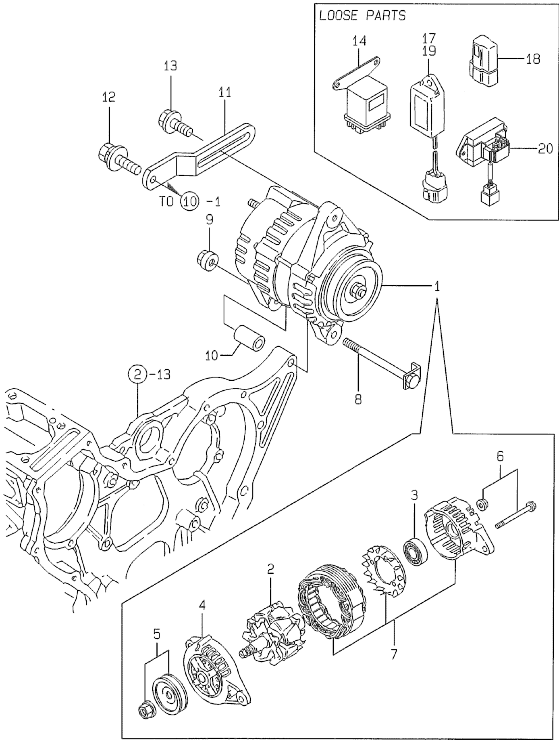
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Fig.15. STARTING MOTOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26116-120252	BOLT, M12X 25 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							

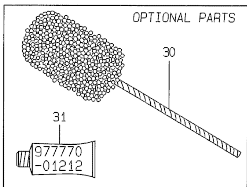
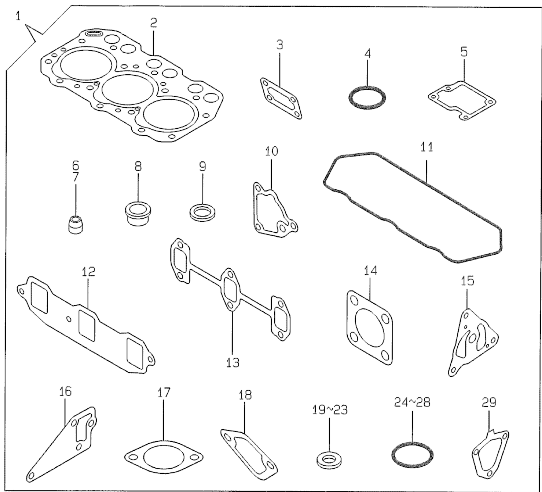
Fig.16. GENERATOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119624-77201	GENERATOR	1							
2	2	129612-77700	ROTOR ASSY	1							
3	2	129612-77710	BEARING, BALL	1							
4	2	129612-77730	BRACKET ASSY, FILTER	1							
5	2	119624-77720	PULLEY	1							
6	2	129612-77750	SCREW KIT	1							
7	2	129612-77760	BRACKET ASSY, REAR	1							
8	1	129136-77251	BOLT, M8X110	1							
9	1	129612-77260	NUT, ALTERNATOR	1							
10	1	119621-77340	PIECE, DISTANCE	1							
11	1	119660-77330	ADJUSTER	1							
12	1	26014-080252	BOLT, M8X 25	1							
13	1	26106-080162	BOLT, M8X 16 PLATED	1							
14	1	119650-77910	RELAY ASSY, GLOW	1							
17	1	129211-77920	TIMER	1							
18	1	119643-66900	DIODE	1							
19	1	128300-77920	TIMER	1							
20	1	129136-77200	RELAY, SAFETY	1							

OCV10-M82800

Fig.17. GASKET SET



Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719687-92640	GASKET SET	1							1
2	2	119623-01340	GASKET, HEAD	1							
3	2	119660-01562	GASKET	1							
4	2	24311-000320	O-RING, 1AP32.0	2							
5	2	119620-03031	GASKET	1							
6	2	124950-11340	SEAL, VALVE STEM	3							
7	2	124160-11340	SEAL, VALVE STEM	3							
8	2	119600-11450	PROTECTOR, NOZZLE	3							
9	2	119600-11460	GASKET, NOZZLE	6							
10	2	119660-35113	GASKET	1							
11	2	119620-11310	GASKET, BONNET	1							
12	2	119660-12111	GASKET, MANIFOLD	1							
13	2	119620-13110	GASKET	1							
14	2	124701-11911	GASKET, SILENCER	2							
15	2	119660-32020	GASKET, PUMP	1							
16	2	119620-42021	GASKET, WATER PUMP	1							
17	2	129350-49541	GASKET	1							
18	2	121520-01851	GASKET	1							
19	2	124465-44950	GASKET, 16	2							
20	2	22190-120002	WASHER, SEAL 12	4							
21	2	22190-140002	WASHER, SEAL 14	3							
22	2	22190-080002	WASHER, SEAL 6	6							
23	2	22190-060003	SEAL WASHER 6	2							
24	2	24341-000250	O-RING, 1AS25.0	2							
25	2	119624-32040	O-RING, P12.0	2							
26	2	24311-000120	O-RING, 1AP12.0	2							
27	2	119209-35030	O-RING, P11	1							
28	2	24341-000240	O-RING, 1AS24.0	1							
29	2	119660-61071	GASKET	1							
30	1	129400-92410	FLEX HORN	1							1
31	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
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Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	14	24
101720-55750	14	39
102103-55520	14	8
		34
104200-55321	14	30
104200-55330	14	5
		31
104200-55341	14	32
104200-55750	14	12
		40
104211-11370	4	21
104264-59030	14	17
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105010-11230	4	32
		36
105025-59550	13	47
105225-23200	8	26
105340-59190	14	1
105546-51330	11	24
105582-59150	14	45
110250-55610	14	9
		35
114250-39450	9	17
114250-53130	13	9
114250-53400	13	11
114399-22300	8	20
118400-03060	4	49
119000-59560	13	48
119131-18320	6	5
119209-35030	9	33
	17	27
119225-59560	13	42
119232-61510	12	27
119232-61540	12	42
119244-59020	14	16
119255-55620	14	4
119255-77010	15	2
119260-59031	14	23
119260-59520	13	45
119260-59530	13	46
119260-66530	12	67
119266-59501	13	51
119266-59540	13	43
119266-59570	13	52
119266-59580	13	53
119280-49020	10	29
119285-66080	12	51
119305-35150	9	31
119600-01050	1	4
119600-01600	3	2

Parts No.	Fig. No.	Ref. No.
119600-01722	3	11
119600-01770	3	12
119600-11450	4	22
	17	8
119600-11460	4	23
	17	9
119600-35091	9	15
119600-52021	14	15
119600-61300	12	4
119600-61400	12	5
119600-61541	12	43
119600-61900	12	49
119600-66020	12	59
119600-66840	12	107
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119609-35000	9	18
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119620-03031	4	46
	17	5
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119620-11350	4	41
119620-11801	4	8
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119620-13110	6	2
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119620-14100	7	6
119620-14200	7	1
119620-14401	7	2
119620-21941	8	9
119620-23910	8	24

Parts No.	Fig. No.	Ref. No.
119620-25102	7	10
119620-25912	7	12
119620-42021	10	13
	17	16
119620-51101	11	3
119620-51170	11	6
119620-51180	11	7
119620-51190	11	8
119620-51250	11	9
119620-51300	11	21
119620-51340	11	25
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119620-51370	11	27
119620-51450	11	28
119620-51461	11	29
119620-51510	11	31
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119620-51660	11	34
119620-51670	11	35
119620-51680	11	36
119620-51700	11	37
119620-53000	13	3
119620-53080	13	6
119620-53120	13	8
119620-53140	13	10
119620-59700	13	49
119620-59811	13	28
119620-59821	13	32
119620-59831	13	36
119620-77820	4	56
119621-21680	8	8
119621-44500	10	30
119621-66051	12	60
119621-77340	16	10
119623-01250	1	9
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119623-21700	8	1
119623-22500	8	16
119623-22950	8	31
119623-34820	9	13
119624-02410	1	18
119624-13501	6	8
119624-22082	8	14
119624-22900	8	29
119624-32040	2	5
	17	25
119624-77201	16	1

Parts No.	Fig. No.	Ref. No.
119624-77720	16	5
119626-11000	4	5
119629-14580	7	3
119632-07900	4	57
119632-61200	12	14
119640-13150	6	11
119640-21590	8	11
119642-42350	10	16
119643-66900	16	18
119644-21200	8	4
119650-77910	16	14
119653-12500	5	5
119653-55910	14	20
119653-66500	12	62
119655-12560	5	7
119656-42290	10	15
119660-01510	2	15
119660-01551	2	18
119660-01562	2	19
	17	3
119660-01570	2	20
119660-01640	3	7
119660-01821	7	16
119660-01911	2	4
119660-12101	5	1
119660-12111	5	2
	17	12
119660-21651	8	7
119660-25022	7	8
119660-25052	7	9
119660-25920	7	22
119660-25930	7	23
119660-32001	9	1
119660-32020	9	11
	17	15
119660-35102	9	20
119660-35113	9	30
	17	10
119660-42007	10	1
119660-51500	11	30
119660-51530	11	32
119660-61052	12	17
119660-61060	12	2
119660-61071	12	3
	17	29
119660-61121	12	11
119660-61140	12	12
119660-61150	12	13
119660-61300	12	9
119660-61341	12	10

Parts No. Index

Parts No.	Fig. No.	Ref. No.
119660-61460	12	18
119660-61590	12	26
119660-61651	12	45
119660-61901	12	50
119660-77330	16	11
119688-49010	10	28
119808-12540	5	9
119810-55340	14	6
119865-12600	5	10
119865-21600	8	13
121023-01550	2	32
121111-21501	8	10
121120-01620	3	3
121250-44590	10	34
121250-44901	10	23
121250-55620	14	10
121254-55510	14	7
121257-55720	14	36
121257-55731	14	37
121450-01560	2	16
121450-42450	10	25
121465-59950	12	114
121520-01851	14	43
	17	18
121520-34810	9	14
121522-59100	14	19
121575-66830	12	106
123682-44210	10	31
124064-55510	14	33
124066-59100	13	44
124085-02220	3	9
124160-01751	2	11
	4	58
124160-11340	4	19
	17	7
124160-11360	4	53
124250-03640	12	119
124251-44740	10	17
124465-44950	10	24
	26	
	17	19
124550-55700	14	11
124550-66370	12	61
124701-11911	6	7
	17	14
124736-07900	4	2
124766-59050	13	41
	14	18
	25	
124767-59080	14	26

Parts No.	Fig. No.	Ref. No.
124950-11340	4	20
	17	6
128300-77920	16	19
129100-01580	3	1
	8	2
129100-61930	12	58
129132-44530	10	33
129136-77200	16	20
129136-77251	16	8
129150-35350	9	29
129150-59120	13	23
129150-59131	13	26
129155-51280	12	15
129155-61480	12	21
129155-61830	13	2
129211-77920	16	17
129335-55700	14	28
129350-49530	10	19
129350-49541	10	20
	17	17
129350-49800	10	21
129400-92410	17	30
129612-77260	16	9
129612-77700	16	2
129612-77710	16	3
129612-77730	16	4
129612-77750	16	6
129612-77760	16	7
129795-77800	4	55
171056-49120	10	27
171081-55910	14	41
171301-01640	3	13
174307-51700	12	28
194990-22050	2	30
	12	1
22117-040000	12	46
22190-060003	12	112
	17	23
22190-080002	13	54
	14	44
	17	22
22190-120002	12	113
	14	27
	17	20
22190-140002	13	50
	17	21
22242-000120	4	39
22242-000200	7	14
22252-000210	8	21
22272-000040	12	47

Parts No.	Fig. No.	Ref. No.
22351-030014	12	48
22351-040010	2	17
	12	55
22351-060012	4	24
22360-040000	12	108
22360-060000	12	109
22512-040120	7	7
	20	
	8	5
22857-500100	4	52
23065-120500	4	1
23418-060000	14	42
23876-010000	1	8
23876-020000	4	11
23876-030000	10	12
24101-062034	7	24
24102-063034	7	21
24311-000120	4	54
	17	26
24311-000320	2	12
	4	59
	17	4
24311-240100	14	13
	29	
24341-000070	12	56
24341-000240	2	33
	17	28
24341-000250	3	15
	17	24
24341-000280	12	64
26014-060142	10	18
26014-060202	14	46
26014-080162	10	35
26014-080252	16	12
26014-080702	14	14
26022-040082	11	43
26033-040102	11	44
26106-060102	9	16
	12	57
26106-060122	1	19
	3	16
	4	4
	7	15
26106-060162	2	6
	34	
	5	3
	7	25
26106-060222	3	10
26106-060302	2	7
26106-060402	5	4

Parts No.	Fig. No.	Ref. No.
26106-060452	3	17
26106-060602	2	8
		9
26106-060702	12	110
26106-060802	2	10
26106-080142	4	3
26106-080162	16	13
26106-080182	14	21
26106-080202	9	32
	10	22
26106-080402	6	4
26106-080452	4	42
	10	14
26106-080702	6	9
26116-050102	12	111
26116-060304	12	115
26116-120252	15	1
26206-100252	3	5
26216-080552	6	6
26216-080702	6	10
26306-080002	4	43
	6	3
26366-060002	2	31
26450-060202	9	12
26587-080102	7	26
26736-120002	12	105
26756-060002	12	116
26856-060002	4	34
		38
26979-050162	4	40
27221-050080	4	12
27241-120000	1	10
27241-300000	1	11
27241-400000	4	13
27310-070001	4	18
719225-59560	13	40
719255-53100	13	1
719620-02800	1	12
719620-02870	1	22
719620-02930	1	15
719620-11521	4	44
719620-11650	4	31
719620-11660	4	35
719620-23100	8	22
719620-23600	8	37
719620-23610	8	35
719623-01560	1	1
719624-51100	11	1
719660-14600	7	17
719687-92640	17	1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
977770-01212	2	35
	3	18
	17	31
X0280210331	15	24
X0280335100	15	35
X0280626010	15	13
X0280996180	15	4
X0281007680	15	3
X0282005871	15	7
X0283006960	15	8
X0284105010	15	14
X0284525010	15	28
X0285005770	15	11
X0285105190	15	5
X0285205030	15	6
X0286105010	15	16
X0286305010	15	18
X0286355010	15	19
X0287405140	15	20
X0534007800	15	21
X2411365340	10	32
X5128400875	15	9
X9055715000	15	22
X9490065670	15	34
X9490138090	15	26
X9490138100	15	27
X9490138110	15	25
X9490423520	15	31
X9490560750	15	30
X9490562360	15	29
X9490721360	15	23
X9491034320	15	17
X9491034330	15	15
X9491040990	15	12
X9491050100	15	10

Parts No.	Fig. No.	Ref. No.
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