



PARTS CATALOG

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PREFACE

- 1.This Parts Catalog carries all parts incorporated in YANMAR Model 4TNV88-XMS engine manufactured since May, 2004.
- 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)

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(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 Mark

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

Symbol	Interchangeability	Contents note
N	Old $\begin{matrix} \text{Yes} \\ \text{No} \end{matrix}$ New	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\begin{matrix} \text{No} \\ \text{Yes} \end{matrix}$ New	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\begin{matrix} \text{Yes} \\ \text{Yes} \end{matrix}$ New	New/ Old Parts are both interchangeable.
S	Old $\begin{matrix} \text{No} \\ \text{No} \end{matrix}$ New	New/ Old Parts are both not interchangeable.
W		Part discontinued.
Z		Part newly added.
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)	Date

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

Note 2) " XXX " 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

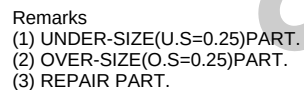
MODEL : 4TNV88-XMS (GEHL)

PC NO : 0CV10-G94800

Fig.No. GROUP NAME
ENGINE SECTION (4TNV88-XMS)

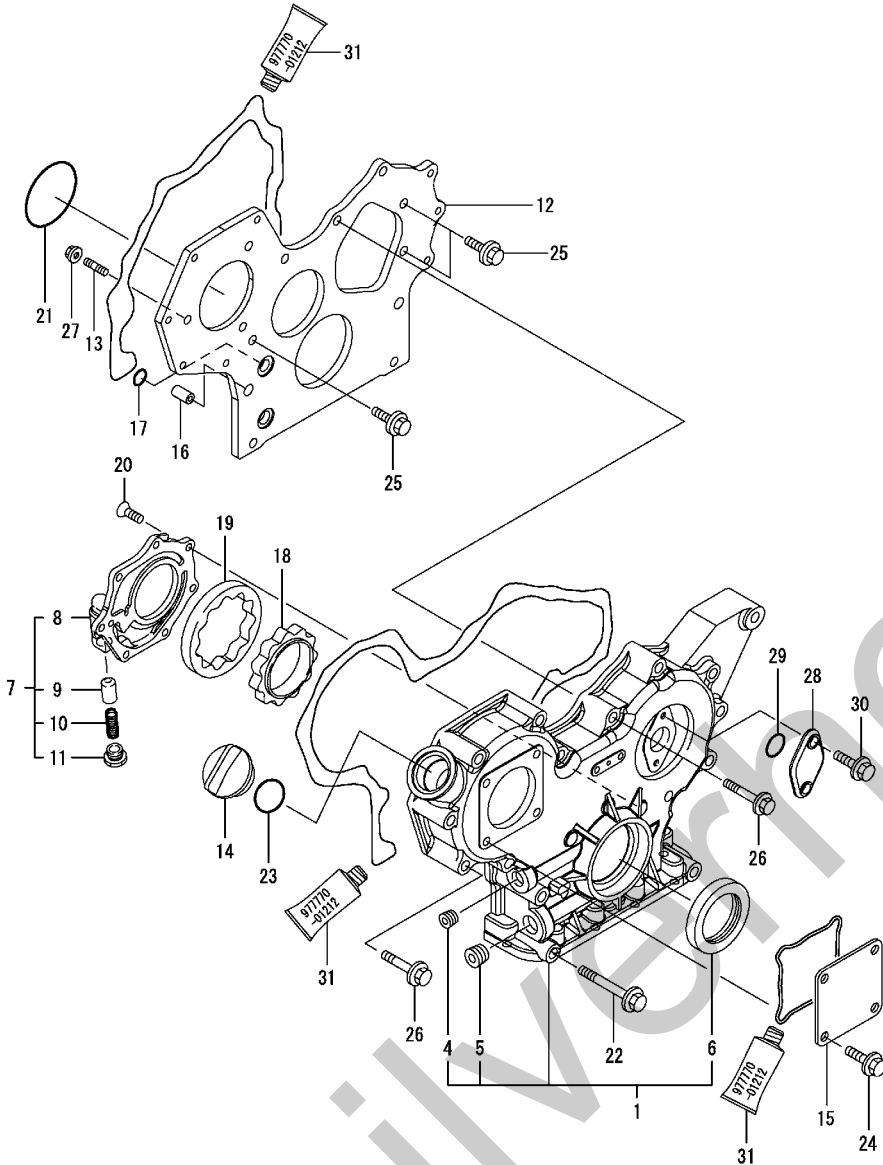
1. CYLINDER BLOCK
2. GEAR HOUSING
3. FLYWHEEL HOUSING & OIL SUMP
4. CYLINDER HEAD & BONNET
5. SUCTION MANIFOLD
6. EXHAUST MANIFOLD
7. CAMSHAFT & DRIVING GEAR
8. CRANKSHAFT & PISTON
9. LUB.OIL SYSTEM
10. COOLING WATER SYSTEM
11. FUEL INJECTION PUMP
12. FUEL INJECTION VALVE
13. FUEL LINE
14. STARTING MOTOR
15. GENERATOR
16. GASKET SET
17. SHORT BLOCK

Fig.No. GROUP NAME



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Fig.2. GEAR HOUSING

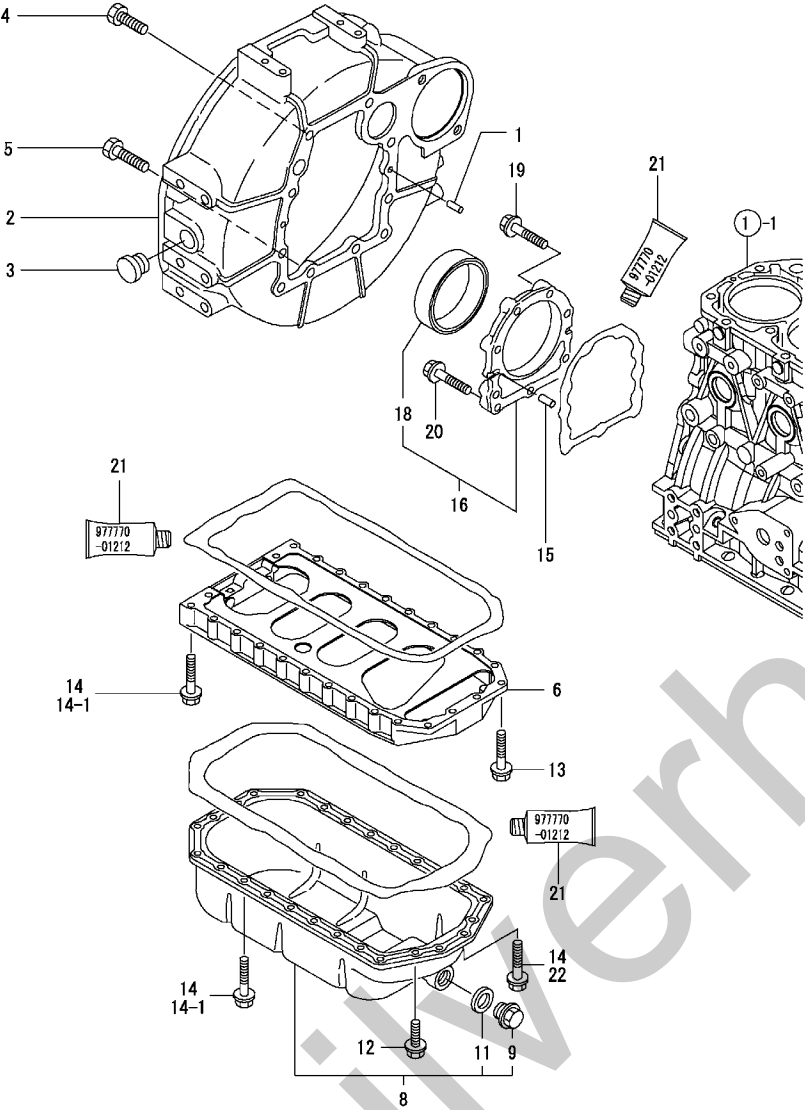


Remarks
(1) OPTIONAL PART.

0CV10-G94800 2. GEAR HOUSING

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719802-01500	HOUSING ASSY, GEAR	1							
4	2	23876-030000	PLUG PT3/8,SCREW	1							
5	2	23876-040000	PLUG PT 1/2	1							
6	2	129795-01800	SEAL, OIL	1							
7	1	119802-32100	COVER ASSY, PUMP	1							
8	2	119802-32070	COVER, LUB.OIL PUMP	1							
9	2	129900-32130	VALVE, RELIEF	1							
10	2	129418-32320	SPRING	1							
11	2	129001-32330	PLUG	1							
12	1	119802-01520	FRANGE, GEAR CASE	1							
13	1	119802-01560	STUD, M8X25	3							
14	1	124160-01751	COVER,FILLER	1							
15	1	124240-01871	COVER, HO-P	1							
16	1	129795-01950	PIPE, KNOCK L=18	2							
17	1	119609-32040	O-RING P16	4							
18	1	119802-32111	ROTOR, INNER	1							
19	1	119802-32120	ROTOR, OUTER	1							
20	1	119802-32130	SCREW, M6X16	7							
21	1	121850-51960	O-RING, F.I.PUMP	1							
22	1	129001-91841	BOLT M 8X 85 PLATED	3							
23	1	24311-000320	O-RING 1A P-32.0	1							
24	1	26106-080162	BOLT M 8X 16 PLATED	4							
25	1	26106-080162	BOLT M 8X 16 PLATED	3							
26	1	26106-080552	BOLT M 8X 55 PLATED	12							
27	1	26306-080002	NUT	3							
28	1	121023-01550	COVER, BLIND	1							
29	1	24341-000240	O-RING 1A S-24.0	1							
30	1	26106-060162	BOLT M 6X 16 PLATED	2							
31	1	977770-01212	GASKET, LIQUID	1							1

Fig.3. FLYWHEEL HOUSING & OIL SUMP

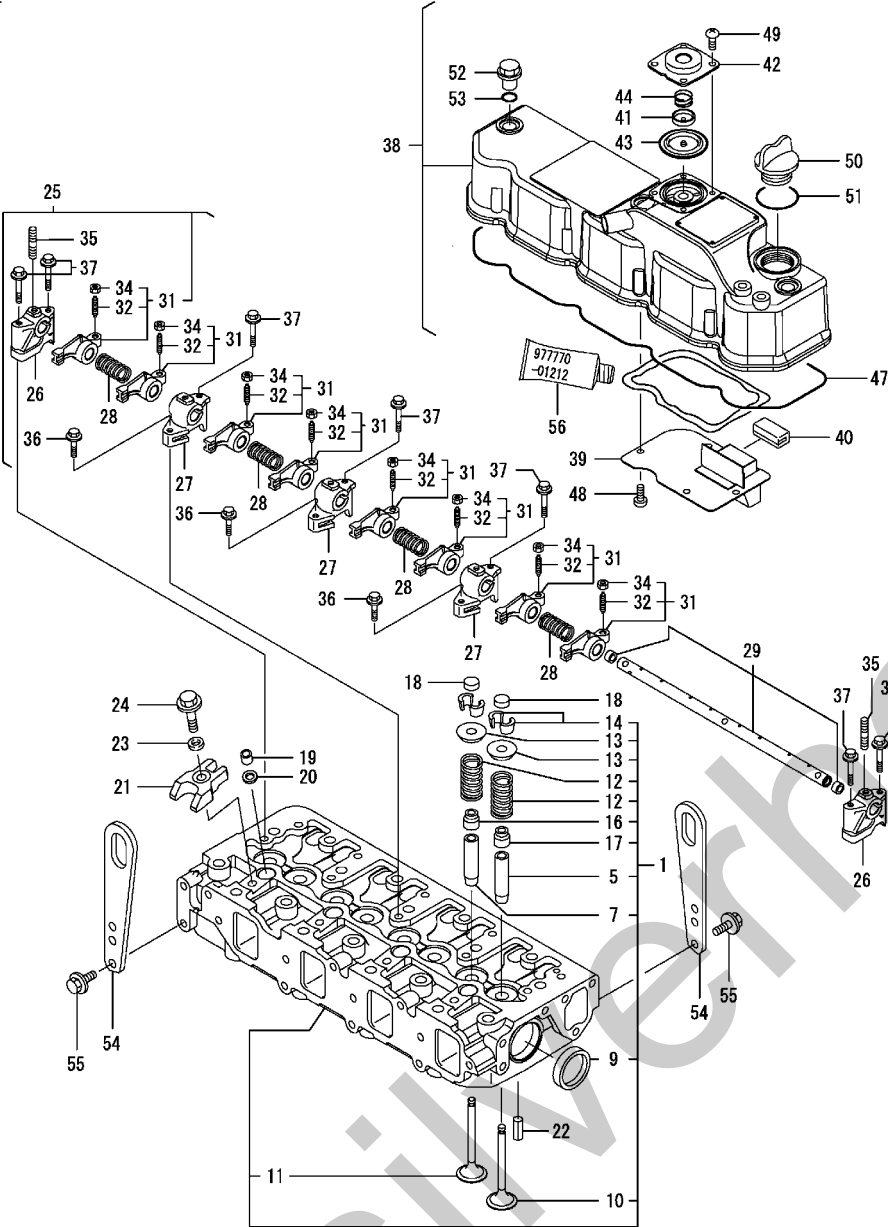


Remarks
(1) OPTIONAL PART.

0CV10-G94800 3. FLYWHEEL HOUSING & OIL SUMP

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PARALLEL PIN 8X16	2							
2	1	129612-01600	HOUSING,FLYWHEEL	1							
3	1	119620-01750	CAP, FLYWHEEL COVER	1							
4	1	26206-100252	BOLT M10X25	6							
5	1	26206-100302	BOLT M10X30	4							
6	1	129400-01730	SPACER, OIL SUMP	1							
8	1	129489-01770	SUMP ASSY, LUB. OIL	1							
9	2	105425-01690	PLUG M16	1							
11	2	22190-160002	SEAL WASHER 16S	1							
12	1	26106-080162	BOLT M 8X 16 PLATED	4							
13	1	26106-080252	BOLT M 8X 25 PLATED	2							
14	1	26106-080452	BOLT M 8X 45 PLATED	24							
14-1	1	26106-080452	BOLT M 8X 45 PLATED	20							K
(A=FROM 1ST)											
15	1	129100-01580	PARALLEL PIN 8X16	2							
16	1	129100-01640	CASE ASSY, OIL SEAL	1							
18	2	129795-01780	SEAL, OIL	1							
19	1	129486-01670	BOLT M8X30,COLLAR HD	6							
20	1	26106-080352	BOLT M 8X 35 PLATED	3							
21	1	977770-01212	GASKET, LIQUID	1							1
22	1	26106-080502	BOLT M 8X 50 PLATED	4							W
(A=FROM 1ST)											

Fig.4. CYLINDER HEAD & BONNET

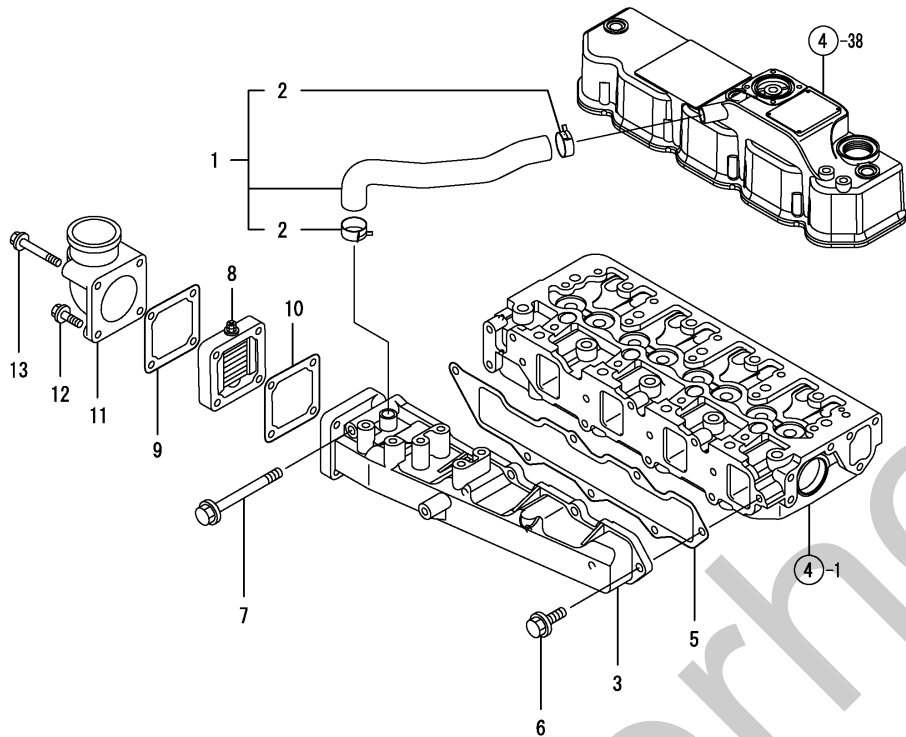


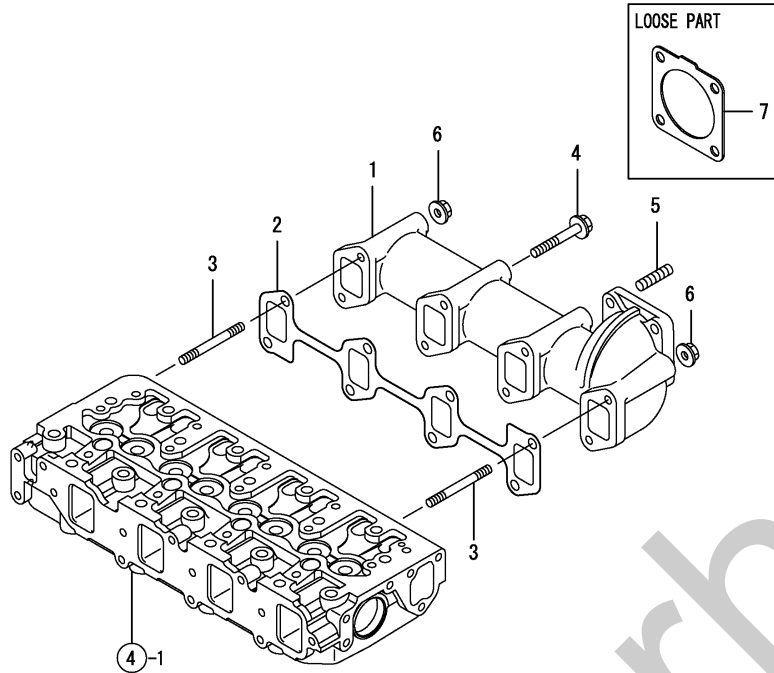
Remarks
(1) REPAIR PART.
(2) OPTIONAL PART.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129602-11700	HED ASSY, CYLINDER	1							
5	2	120130-11860	GUIDE, VALVE	4							1
7	2	129150-11810	GUIDE, VALVE	4							1
9	2	27241-400000	PLUG 40	2							
10	2	129005-11100	VALVE, INTAKE	4							
11	2	129100-11110	VALVE, EXHAUST	4							
12	2	129795-11120	SPRING, VALVE	8							
13	2	129795-11180	RETAINER, SPRING	8							
14	2	27310-080001	COTTER 8	8							
16	2	121400-11340	SEAL, VALVE STEM	4							
17	2	124460-11340	SEAL, VALVE STEM	4							
18	1	129150-11370	CAP, VALVE	8							
19	1	119802-11870	PROTECTOR, NOZZLE	4							
20	1	119625-11880	SEAT, NOZZLE	4							
21	1	129004-11900	RETAINER, NOZZLE	4							
22	1	22351-060012	SPRING PIN 6X12	2							
23	1	120270-54410	WASHER	4							
24	1	26106-080352	BOLT M 8X 35 PLATED	4							
25	1	129601-11241	SHAFT ASSY, ROCKER	1							
26	2	119802-11260	SUPPORT, ROCKER ARM	2							
27	2	119802-11270	SUPPORT, ROCKER ARM	3							
28	2	129150-11280	SPRING	4							
29	2	129601-11251	SHAFT	1							
31	2	129004-11650	ARM ASSY, ROCKER	8							
32	3	129150-11230	SCREW, VALVE	8							
34	3	129150-11750	NUT M8XP1.0	8							
35	2	26226-080182	STUD M 8X 18 PLATED	3							
36	1	26106-080252	BOLT M 8X 25 PLATED	3							
37	1	26106-080502	BOLT M 8X 50 PLATED	7							
38	1	129601-11350	BONNET ASSY	1							
39	2	129004-03010	PLATE, BAFFLE	1							
40	2	129150-03070	BAFFLE, BREATHER	1							
41	2	119802-03110	PLATE, DIAPHRAGM	1							
42	2	119802-03120	COVER, DIAPHRAGM	1							
43	2	119802-03130	DIAPHRAGM	1							
44	2	119802-03140	SPRING, DIAPHRAGM	1							
47	2	129601-11310	GASKET,COVER	1							
48	2	22857-500100	SCREW 5X10,TAPPING	4							
49	2	22857-500100	SCREW 5X10,TAPPING	4							
50	1	124160-01751	COVER,FILLER	1							
51	1	24311-000320	O-RING 1A P-32.0	1							
52	1	124160-11360	KNOB	3							
53	1	24311-000120	O-RING 1A P 12.0	3							
54	1	129900-07900	LIFTER, ENGINE	2							
55	1	26106-080142	BOLT 8X 14 PLATED	4							
56	1	977770-01212	GASKET, LIQUID	1							2

Fig.5. SUCTION MANIFOLD

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129601-03080	PIPE,BREATHER	1							
2	2	129410-03990	CLAMP 22	2							
3	1	129601-12100	MANIFOLD,INT	1							
5	1	129407-12110	GASKET,INT.MANOFOLD	1							
6	1	26106-080202	BOLT M 8X 20 PLATED	6							
7	1	26106-080802	BOLT M 8X 80 PLATED	1							
8	1	129100-77500	HEATER, AIR	1							
9	1	129100-77510	GASKET, AIR HEATER	1							
10	1	129150-77511	GASKET, (NON-ASB.)	1							
11	1	171340-77520	BEND	1							
12	1	26106-080402	BOLT M 8X 40 PLATED	2							
13	1	26106-080802	BOLT M 8X 80 PLATED	2							



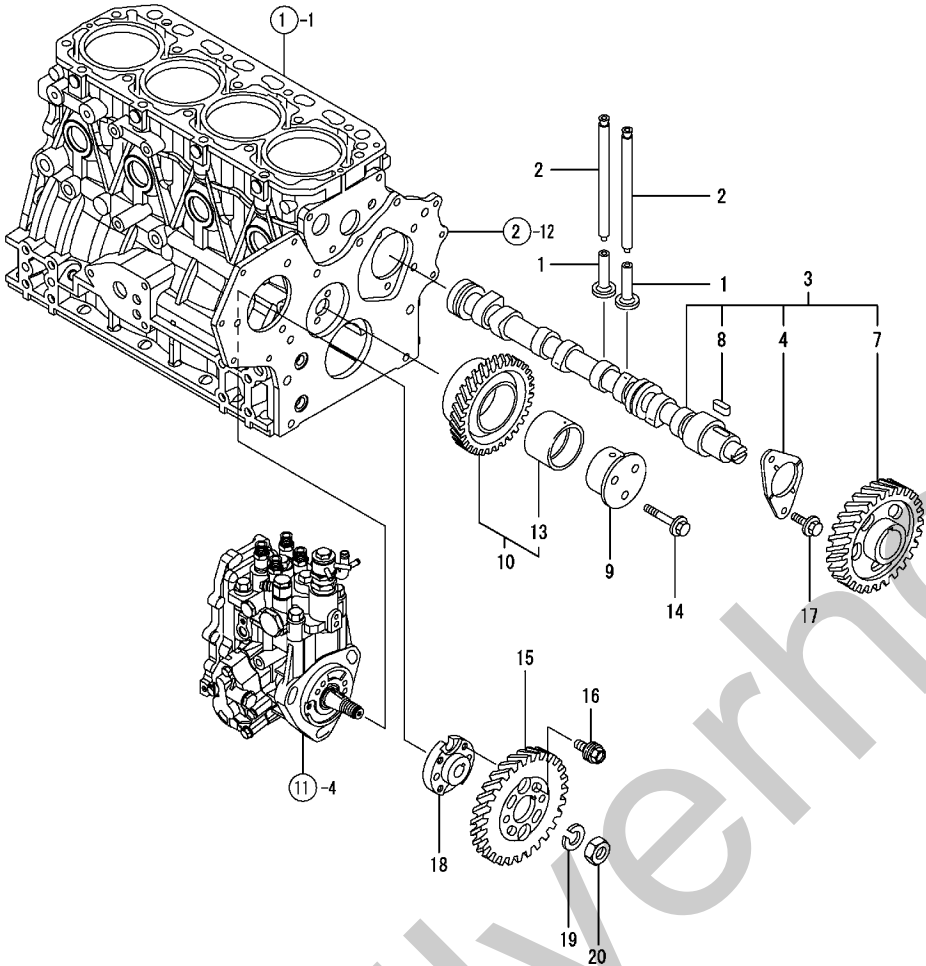


0CV10-G94800 6. EXHAUST MANIFOLD

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	129400-13101	MANIFOLD, EXHAUST	1						
2	1	129550-13110	GASKET, EXH.MANIFOLD	1						
3	1	123900-13610	STUD BOLT M 8X 80	2						
4	1	123900-13630	BOLT 8X80	6						
5	1	119131-18320	BOLT M 8X 22	4						
6	1	26306-080002	NUT	2						
7	1	129930-13200	GASKET, SILENCER	1						

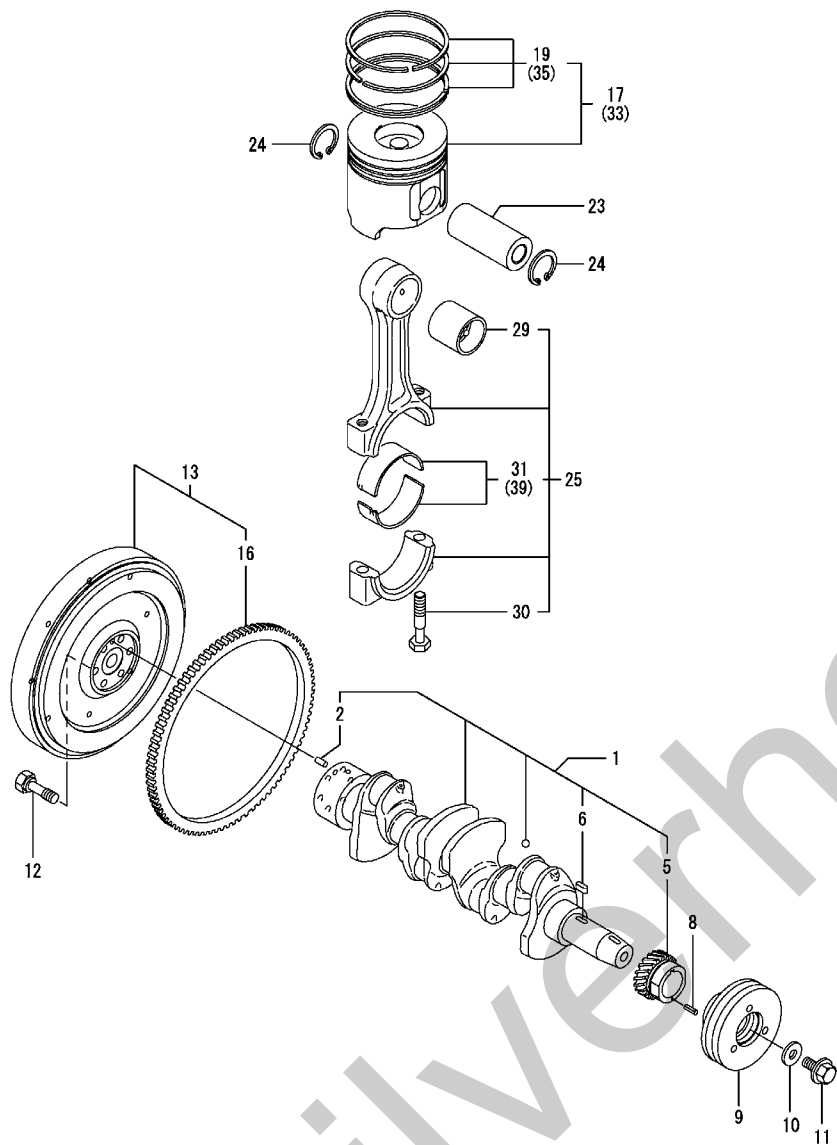
Fig.7. CAMSHAFT & DRIVING GEAR

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	8							
2	1	129150-14400	ROD, PUSH	8							
3	1	729402-14580	CAMSHAFT ASSY	1							
4	2	129150-02450	METAL,THRUST(CAM	1							
7	2	129150-14101	GEAR, CAMSHAFT	1							
8	2	22512-070140	KEY 7X 14	1							
9	1	119802-25051	SHAFT, IDLE GEAR	1							
10	1	119802-25100	GEAR ASSY, IDLE	1							
13	2	119802-25070	BUSH, IDLE GEAR	1							1
14	1	26106-080402	BOLT M 8X 40 PLATED	3							
15	1	119802-25901	GEAR, PUMP	1							
16	1	129150-25301	BOLT,FI-P	4							
17	1	26106-080142	BOLT 8X 14 PLATED	2							
18	1	158552-51151	FLANGE	1							
19	1	22217-140000	SPRING WASHER 14	1							
20	1	26776-140002	LOCK NUT M14 PLATED	1							



Remarks
(1) REPAIR PART.

Fig.8. CRANKSHAFT & PISTON

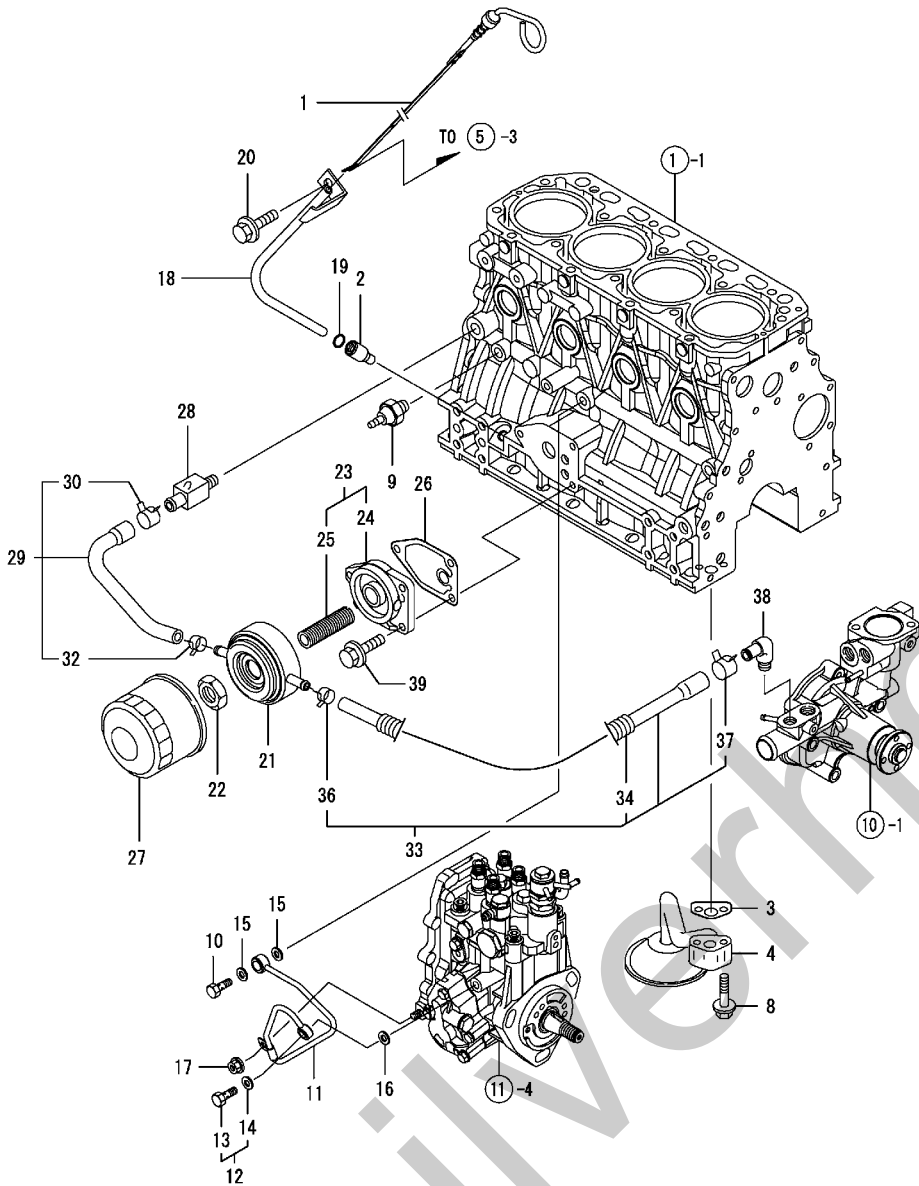


Remarks
(1) REPAIR PART.
(2) OVER-SIZE(O.S=0.25)PART.
(3) UNDER-SIZE(U.S=0.25)PART.

0CV10-G94800 8. CRANKSHAFT & PISTON

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129601-21001	CRANKSHAFT ASSY	1							
2	2	129100-01580	PARALLEL PIN 8X16	1							
5	2	119802-21201	GEAR, CRANKSHAFT	1							
6	2	22512-070140	KEY 7X 14	1							
8	1	22351-030010	SPRING PIN 3X10	1							
9	1	119802-21650	V-PULLEY, CRANKSHAFT	1							
10	1	129795-21661	WASHER	1							
11	1	121850-21680	BOLT, V-PULLEY	1							
12	1	121111-21501	BOLT, FLYWHEEL	6							
13	1	171420-21580	FLYWHEEL ASSY	1							
16	2	119865-21600	GEAR, RING	1							
17	1	129005-22080	PISTON ASSY	4							
19	2	129005-22500	RING SET, PISTON	4							
23	1	129202-22300	PIN, PISTON(D26,L70)	4							
24	1	22252-000260	CIRCLIP 26	8							
25	1	729402-23100	ROD ASSY, CONNECTING	4							
29	2	129100-23910	BUSH, PISTON PIN	4							1
30	2	121550-23200	BOLT, CONNECTING ROD	8							
31	2	129150-23600	METAL, CRANKPIN	4							
33	1	129005-22900	PISTON W/RING OS=.25	4							2
35	2	129005-22950	RING SET O.S=0.25	4							2
39	1	129150-23610	METAL.PIN US=0.25	4							3

Fig.9. LUB.OIL SYSTEM

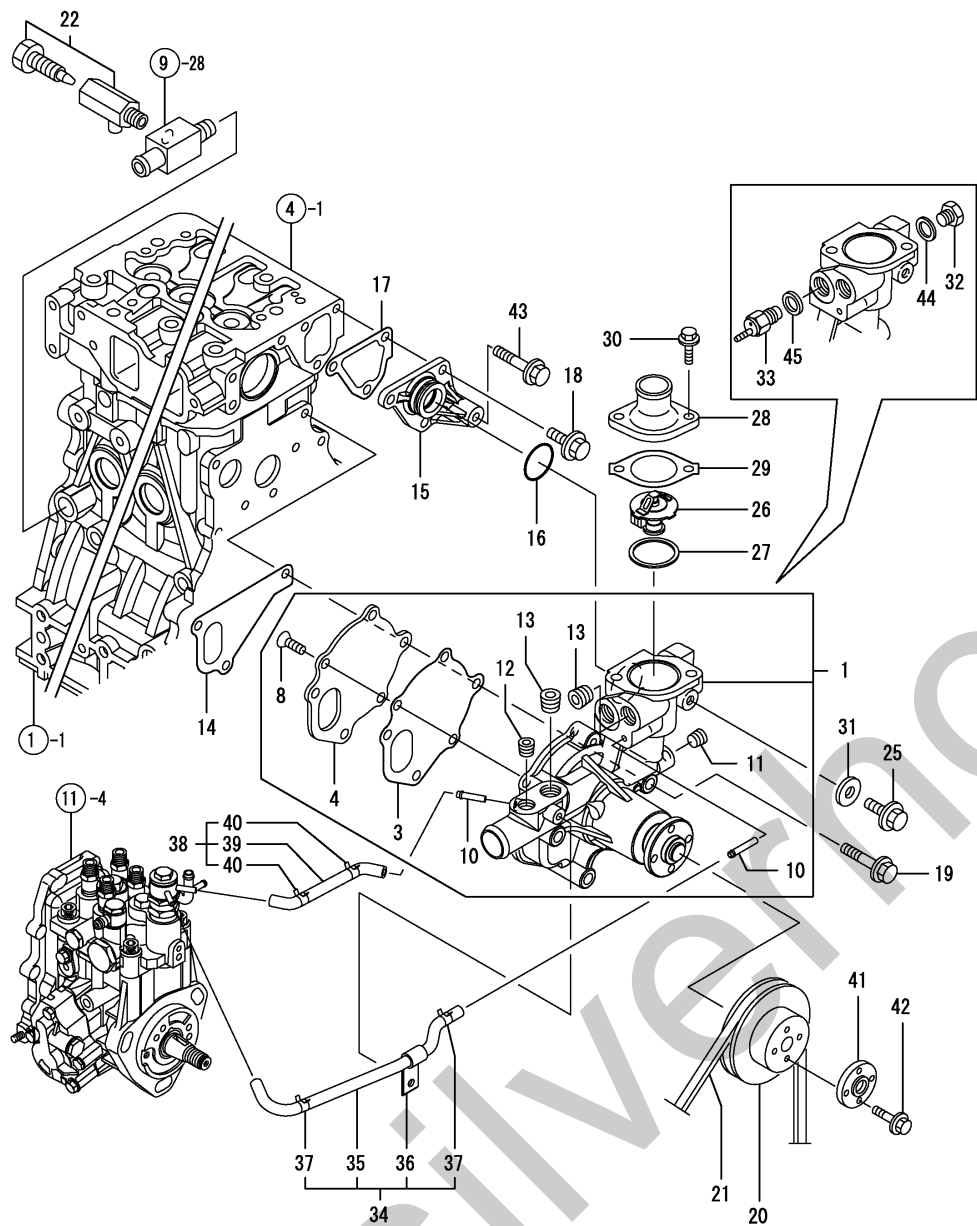


Remarks
(1) REPAIR PART.

0CV10-G94800 9. LUB.OIL SYSTEM

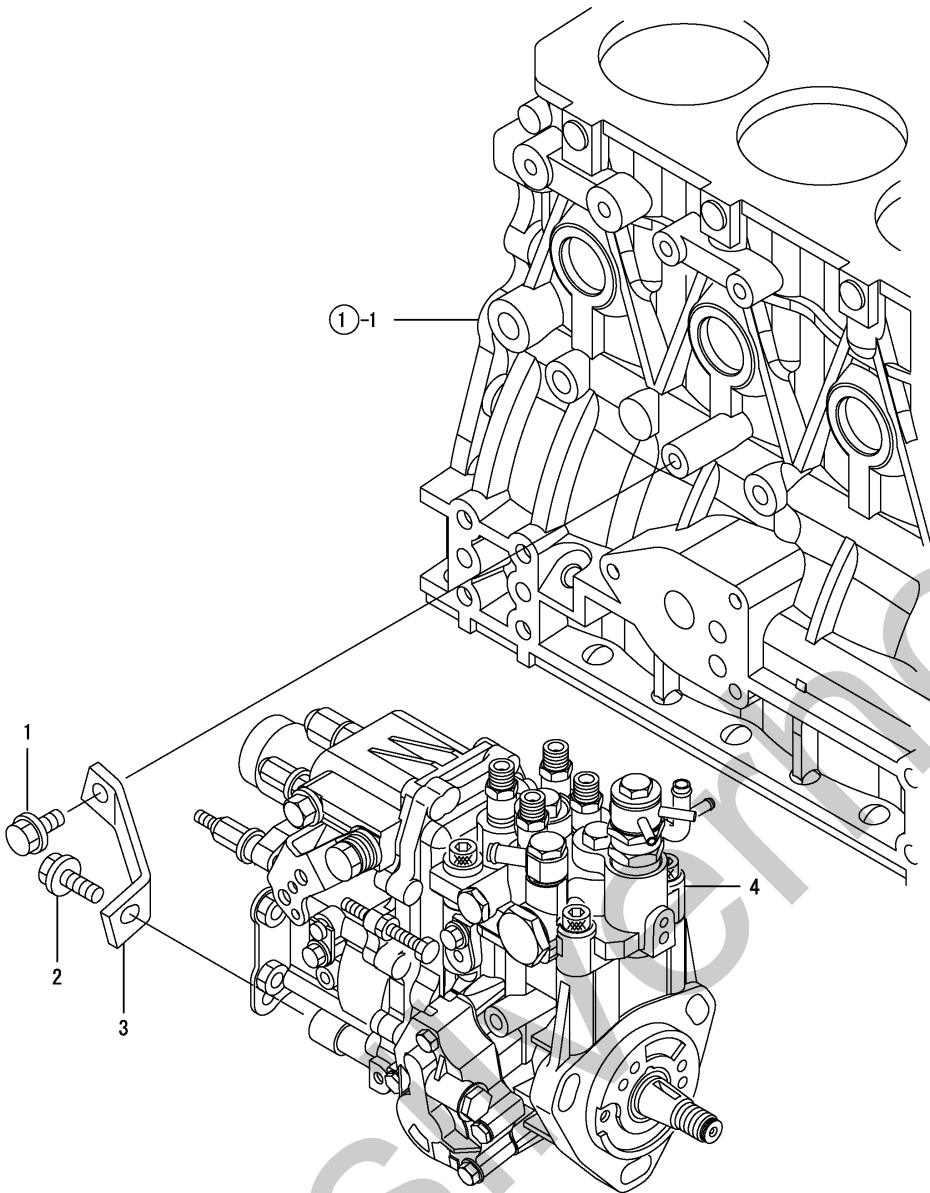
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129602-34800	DIPSTICK, LUB.OIL	1							
2	1	119260-34810	GUIDE, DIPSTICK	1							
3	1	129150-35041	GASKET, (NON-ASB.)	1							
4	1	129150-35091	PIPE ASSY, OIL INLET	1							
8	1	26106-080352	BOLT M 8X 35 PLATED	2							
9	1	114250-39450	SWITCH,(0.5KG)L.O.	1							
10	1	124160-39140	BOLT 10, PIPE JOINT	1							
11	1	119802-39450	PIPE ASSY, LUB. OIL	1							
12	1	129005-59830	BOLT ASSY, JOINT	1							
13	2	23857-030000	JOINT BOLT 3	1							
14	2	22190-080002	SEAL WASHER 8S	1							
15	1	22190-100002	SEAL WASHER 10S	2							
16	1	22190-080002	SEAL WASHER 8S	1							
17	1	26366-060002	NUT M 6	1							
18	1	119802-34850	GUIDE, DIPSTICK	1							
19	1	24311-240100	O-RING 1A P-10A	1							
20	1	26106-080162	BOLT M 8X 16 PLATED	1							
21	1	129508-33010	COOLER ASSY, OIL	1							
22	1	129417-33110	NUT OIL COOLER	1							
23	1	129006-35100	BRACKET ASSY, FILTER	1							
24	2	119802-35110	BRACKET, FILTER	1							
25	2	129417-35150	STUD	1							
26	1	129150-35111	GASKET, (NON-ASB.)	1							
27	1	129150-35153	FILTER 80X80L	1							1
28	1	129006-44480	JOINT	1							
29	1	129508-49030	PIPE,COOLER IN	1							
30	2	171008-03990	CLAMP 18.5	1							
32	2	23080-015000	CLAMP	1							
33	1	129508-49040	PIPE,COOLER OUT	1							
34	2	119940-59130	PROTECTOR, PIPE 19	1							
36	2	23080-015000	CLAMP	1							
37	2	23080-018000	CLAMP 18	1							
38	1	129103-49301	ELBOW PT 1/4	1							
39	1	26106-080202	BOLT M 8X 20 PLATED	3							

Fig.10. COOLING WATER SYSTEM



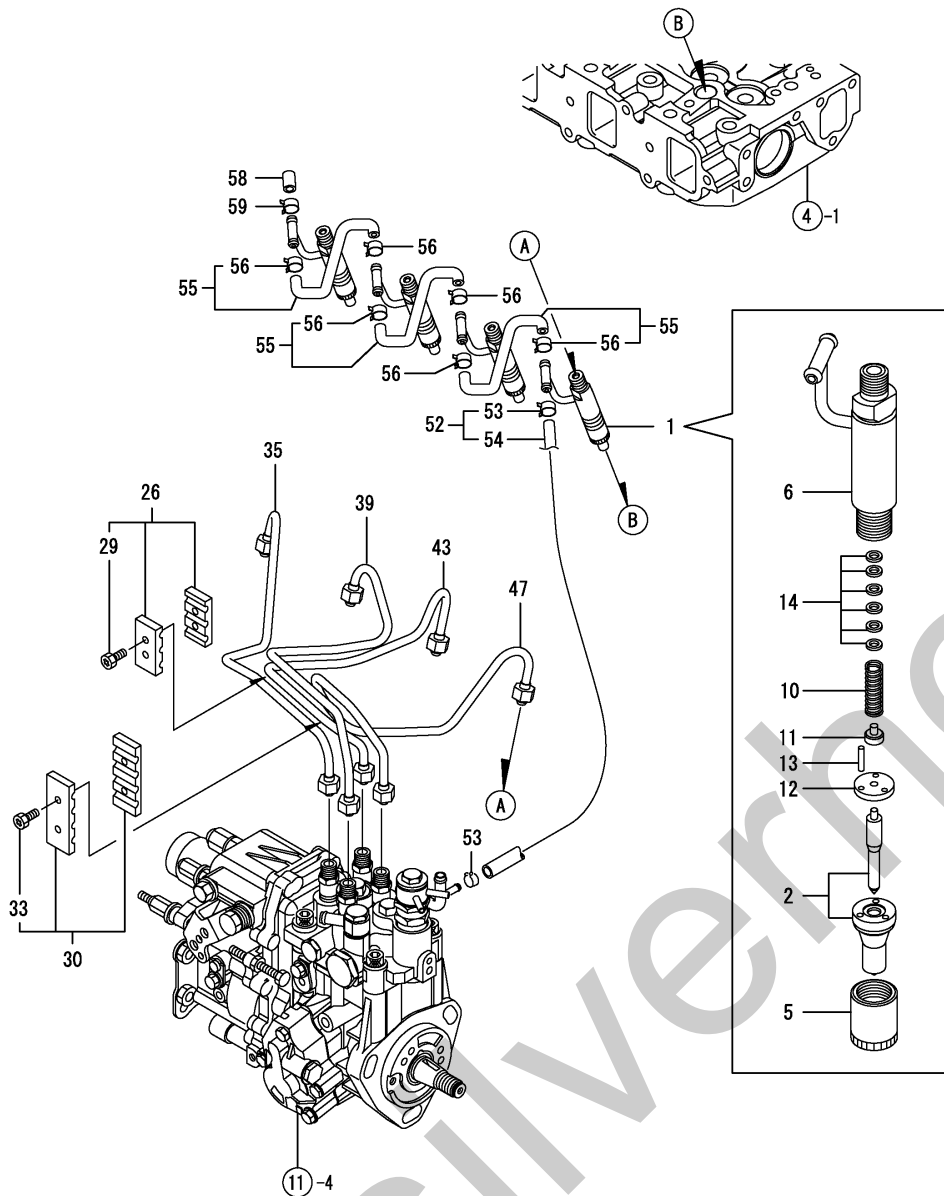
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-42001	PUMP ASSY, WATER	1							
3	2	129100-42051	GASKET, (NON-ASB.)	1							
4	2	129100-42121	PLATE	1							
8	2	121850-42410	SCREW	3							
10	2	119802-49113	JOINT	2							
11	2	23876-010000	PLUG PT1/8,SCREW	1							
12	2	23876-020000	PLUG PT1/4,SCREW	1							
13	2	129916-49740	PLUG, DRAIN R03	2							
14	1	129486-42021	GASKET	1							
15	1	129004-42040	JOINT	1							
16	1	129486-42140	O-RING,CW-P	1							
17	1	124395-49840	GASKET, THERMO. CASE	1							
18	1	26106-080162	BOLT M 8X 16 PLATED	3							
19	1	26106-080602	BOLT M 8X 60 PLATED	3							
20	1	129155-42350	V-PULLEY, C.W. PUMP	1							
21	1	119831-42290	V-BELT A37.5	1							
22	1	119620-49290	COCK ASSY 1/4	1							
25	1	26106-080122	BOLT M 8X 12 PLATED	1							
26	1	129457-49801	THERMOSTAT(82	1							
27	1	129150-49811	GASKET, (NON-ASB.)	1							
28	1	129350-49530	COVER, THERMOSTAT	1							
29	1	129795-49551	GASKET, (NON-ASB.)	1							
30	1	26106-080222	BOLT M 8X 22 PLATED	2							
31	1	23414-080000	GASKET 8, ROUND	1							
32	1	121450-42450	PLUG M16	1							
33	1	121250-44901	SWITCH, THERMO(110 C	1							
34	1	129004-49610	PIPE ASSY, A MP2	1							
35	2	129004-49711	PIPE ASSY, A MP2	1							
36	2	119802-49730	CLAMP,CW-T	1							
37	2	124722-59050	CLAMP 9	2							
38	1	129004-49620	PIPE ASSY, B MP2	1							
39	2	129004-49721	PIPE, WATER B MP2	1							
40	2	124722-59050	CLAMP 9	2							
41	1	124574-44761	SPACER	1							
42	1	26106-060202	BOLT M 6X 20 PLATED	4							
43	1	26106-080452	BOLT M 8X 45 PLATED	1							
44	1	124465-44950	GASKET 16	1							
45	1	124465-44950	GASKET 16	1							

Fig.11. FUEL INJECTION PUMP



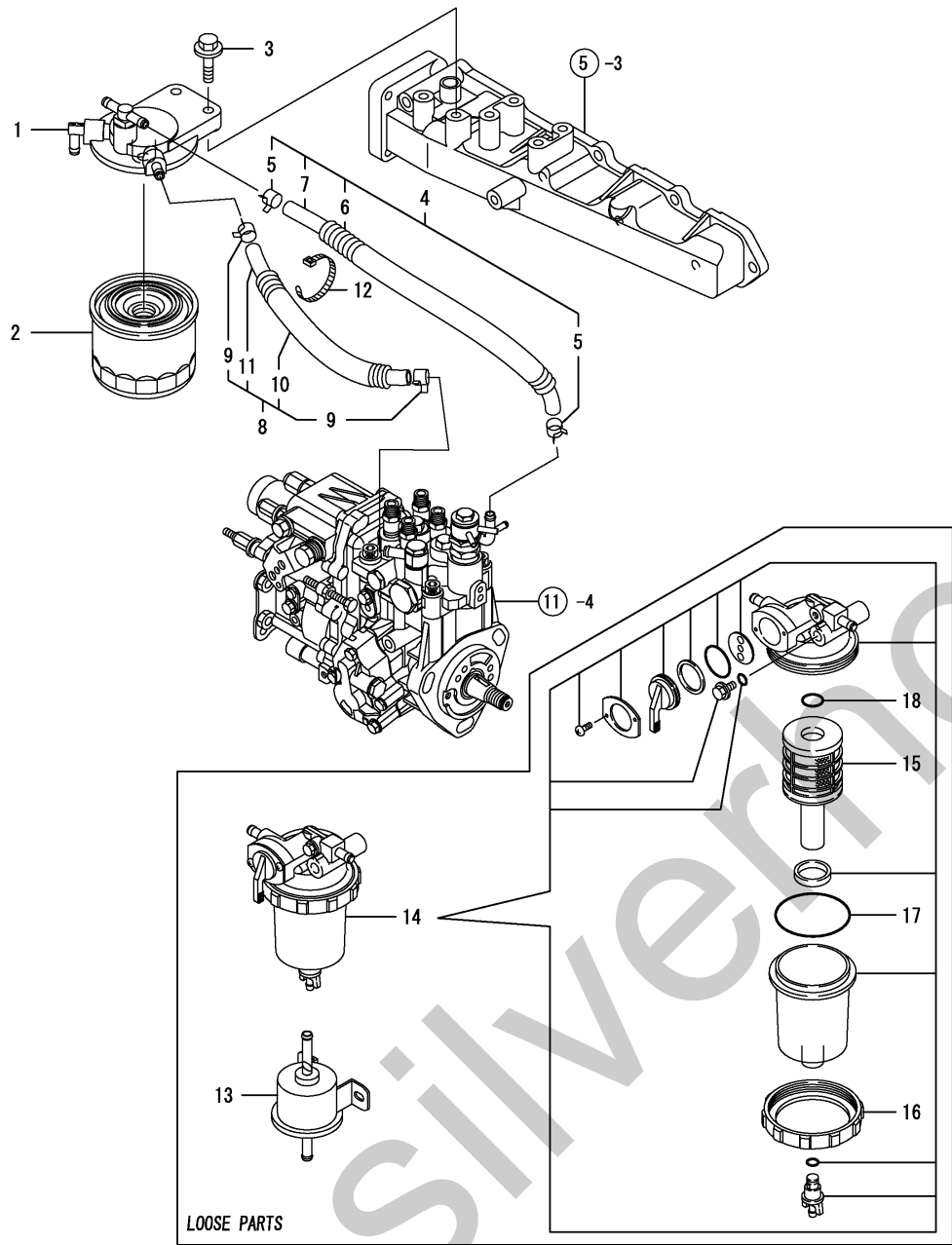
0CV10-G94800 11. FUEL INJECTION PUMP

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26106-080162	BOLT M 8X 16 PLATED	1							
2	1	26106-080202	BOLT M 8X 20 PLATED	1							
3	1	129601-51250	SUPPORT,FIP	1							
4	1	729602-51320	INJECTION PUMP ASSY	1							



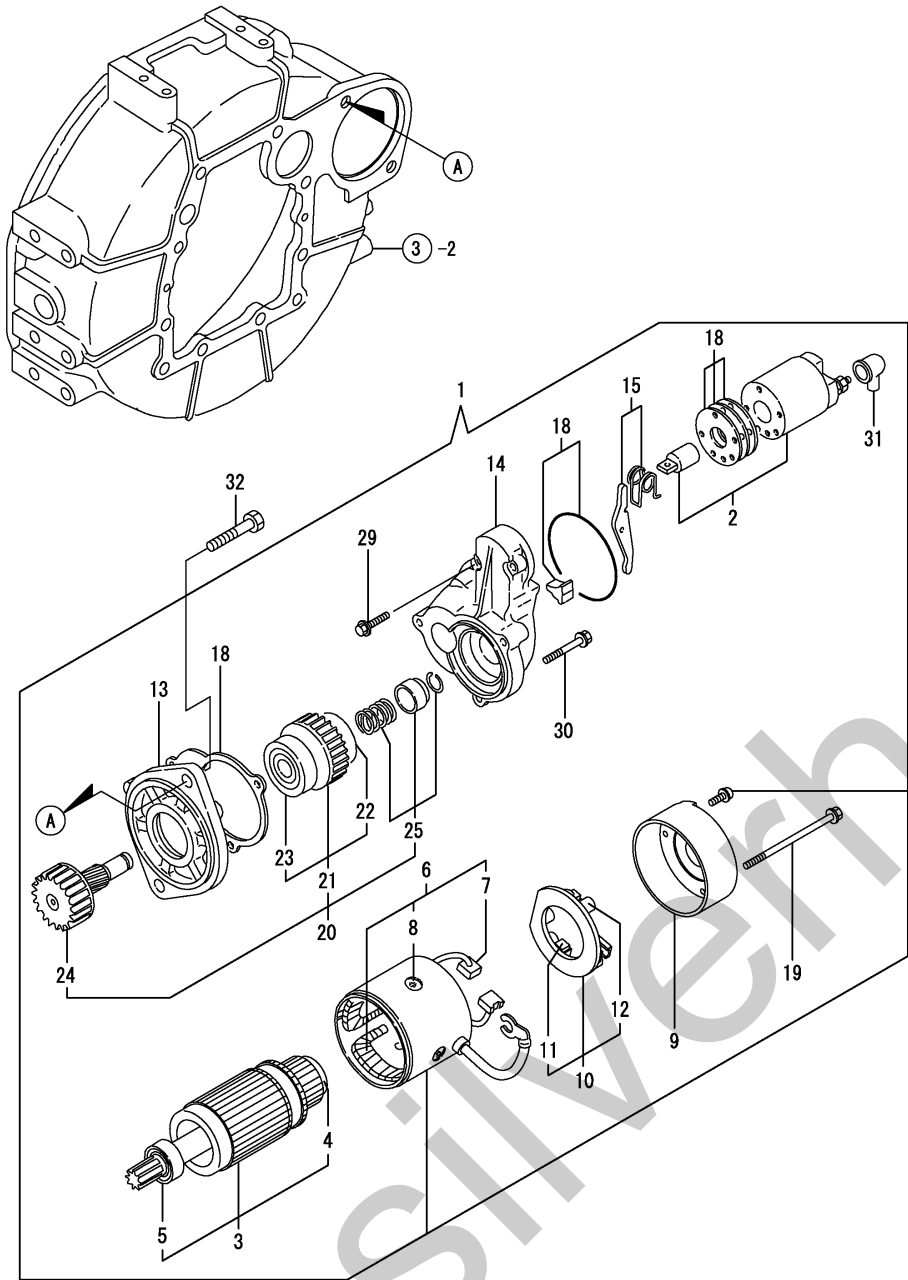
REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(E)= (F)= QTY				I	R
						(C)	(D)	(E)	(F)		
1	1	729645-53100	FUEL INJECTOR(WBG	4							
2	2	129602-53001	NOZZLE ASSY	4							
5	2	114250-53080	NUT, NOZZLE CASE	4							
6	2	119802-53100	HOLDER ASSY, NOZZLE	4							
10	2	114250-53120	SPRING, NOZZLE	4							
11	2	114250-53130	SEAT, NOZZLE SPRING	4							
12	2	114250-53140	PLATE, STOP	4							
13	2	114250-53210	PIN	8							
14	2	114250-53400	SHIM PACK	4							
26	1	129150-59120	RETAINER, INJ. PIPE	1							
29	2	129150-59131	BOLT M4X14,HEX.SCKT.	2							
30	1	129550-59120	RETAINER	1							
33	2	129150-59131	BOLT M4X14,HEX.SCKT.	2							
35	1	129601-59810	PIPE ASSY, INJECTION	1							
39	1	129601-59820	PIPE ASSY, INJECTION	1							
43	1	129601-59830	PIPE ASSY, INJECTION	1							
47	1	129601-59840	PIPE ASSY, INJECTION	1							
52	1	119802-59550	PIPE ASSY, RETURN	1							
53	2	124722-59050	CLAMP 9	2							
54	2	119802-59560	PIPE, FUEL RETURN	1							
55	1	129486-59551	PIPE, FUEL RETURN	3							
56	2	124722-59050	CLAMP 9	6							
58	1	119593-59580	CAP	1							
59	1	124060-77680	CLAMP 10	1							

Fig.13. FUEL LINE



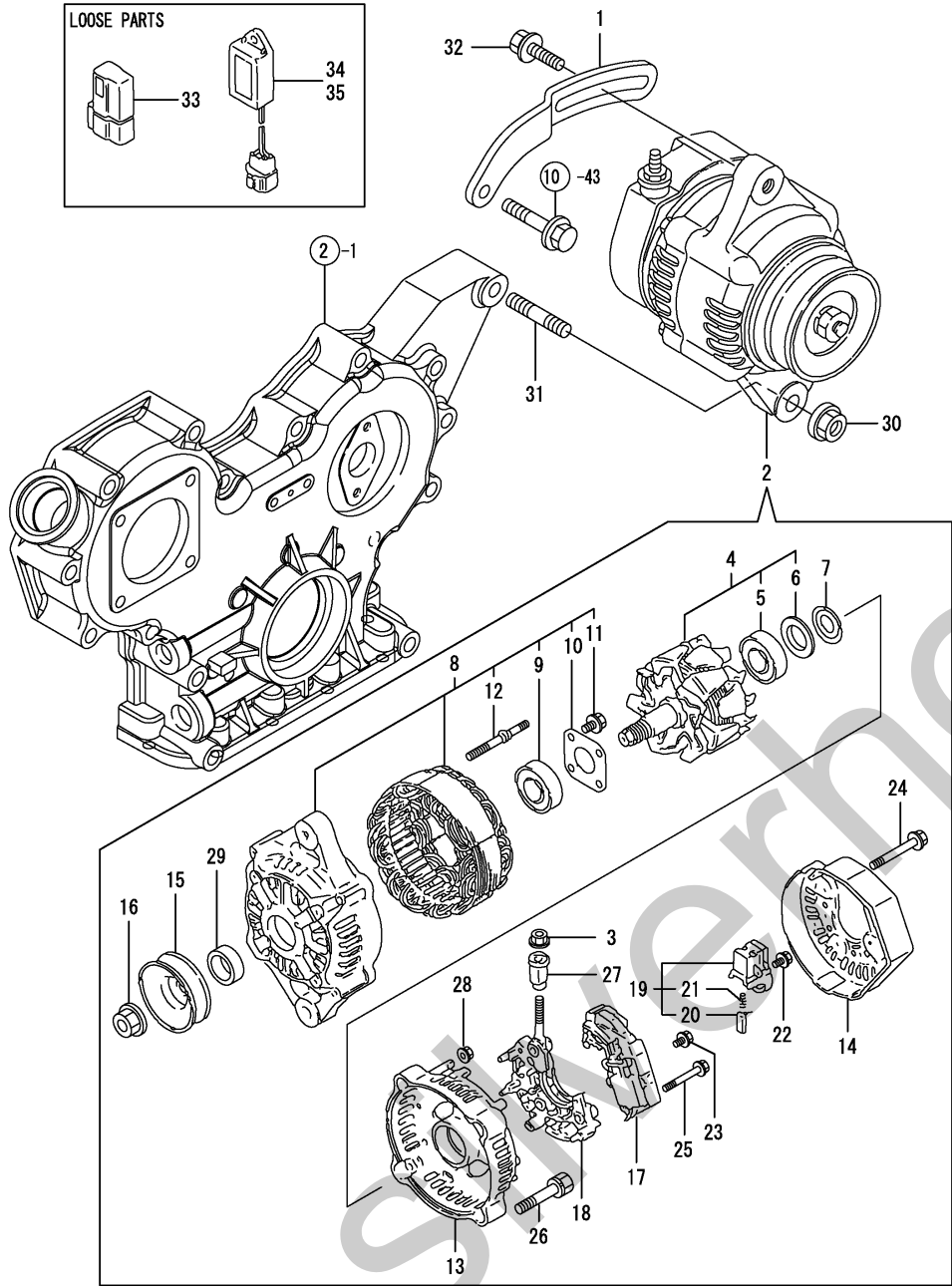
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-55610	BRACKET, FILTER	1							
2	1	119802-55800	FILTER, FUEL	1							
3	1	26106-080302	BOLT M 8X 30 PLATED	2							
4	1	129950-59311	PIPE, FUEL	1							
5	2	124766-59050	CLAMP 12	2							
6	2	129961-59110	TUBE	1							
7	2	105025-59580	PIPE, FUEL OIL	1							
8	1	129956-59010	FO-T CMP	1							
9	2	124766-59050	CLAMP 12	2							
10	2	129957-59101	PROTECTOR, FUEL PIPE	1							
11	2	105225-59511	PIPE, FUEL OIL	1							
12	1	121750-59890	CLAMP 140	1							
13	1	119225-52102	PUMP ASSY, FUEL FEED	1							
14	1	119802-55700	SEPARATOR ASSY	1							
15	2	119802-55710	ELEMENT	1							
16	2	129100-55690	RING, RETAINING	1							
17	2	24321-000650	O-RING 1A G-65.0	1							
18	2	24311-000160	O-RING 1A P-16.0	1							

Fig.14. STARTING MOTOR



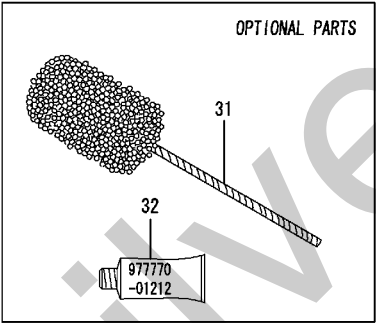
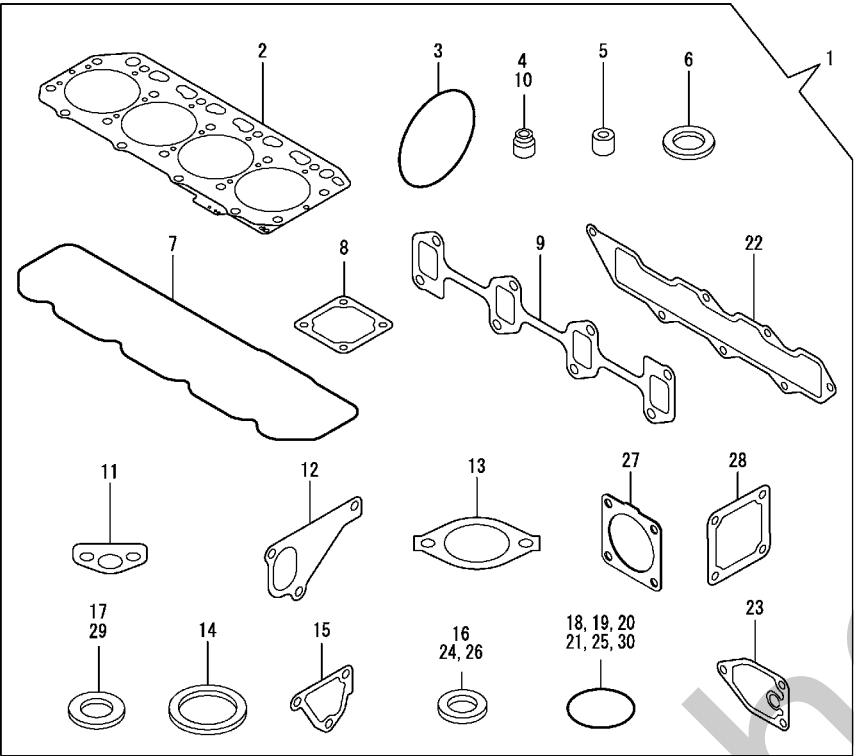
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129136-77011	STARTER	1							
2	2	129136-77310	SHAFT, PINION	1							
3	2	129900-77400	ARMATURE ASSY	1							
4	3	X2130350900	BALL BEARING	1							
5	3	X2114255110	BALL BEARING	1							
6	2	129900-77440	COIL ASSY, FIELD	1							
7	3	129900-77450	BRUSH (+)	2							
8	3	171008-77450	SCREW, POLE CORE SET	4							
9	2	129900-77460	COVER, REAR	1							
10	2	129900-77480	HOLDER ASSY, BRASH	1							
11	3	129900-77450	BRUSH (+)	2							
12	3	129400-77490	SPRING, BRUSH	4							
13	2	171008-77510	HOUSING ASSY, GEAR	1							
14	2	129136-77520	CENTER HOUSING	1							
15	2	171008-77540	LEVER SET, SHIFT	1							
18	2	129400-77571	DUST COVER,(NON-ASB.	1							
19	2	129900-77640	BOLT, THROUGH	2							
20	2	171008-77650	PINION ASSY	1							
21	3	X2114555500	CLUTCH ASSY	1							
22	4	X2114955020	BALL BEARING	1							
23	4	X2240410100	BALL BEARING	1							
24	3	171008-77660	SHAFT, PINION	1							
25	3	171008-77670	STOPPER SET, PINION	1							
29	2	26106-060322	BOLT M 6X 32 PLATED	2							
30	2	26106-060402	BOLT M 6X 40 PLATED	3							
31	2	171008-77750	COVER, M TERMINAL	1							
32	1	26116-120252	BOLT M12X 25 PLATED	2							

Fig.15. GENERATOR



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119802-77320	ADJUSTER, BELT	1							
2	1	129423-77200	GENERATOR	1							
3	2	X9490561001	NUT	1							
4	2	119620-77380	ROTOR ASSY	1							
5	3	123501-79240	BEARING, BALL	1							
6	3	119620-79250	COVER, BEARING	1							
7	2	119620-79360	THRUST WASHER	1							
8	2	119620-77421	FLAME ASSY, DRIVE	1							
9	3	119620-79200	BALL BEARING	1							
10	3	119620-79210	PLATE	1							
11	3	119620-79220	SCREW	4							
12	3	119620-79230	BOLT, STUD	2							
13	2	119620-77440	FLAME ASSY, REAR	1							
14	2	129240-79300	COVER	1							
15	2	119620-77461	PULLEY	1							
16	2	119620-77471	NUT	1							
17	2	129423-77710	REGULATOR ASSY	1							
18	2	119620-79260	HOLDER	1							
19	2	129052-79270	HOLDER, BRUSH	1							
20	3	119620-77480	BRUSH ASSY	2							
21	3	119620-79280	SPRING	2							
22	2	119620-79290	SCREW	6							
23	2	119620-79300	SCREW	1							
24	2	119620-79310	BOLT	3							
25	2	119620-79320	SCREW W/WASHER	2							
26	2	119620-79330	BOLT	2							
27	2	119620-79340	INSULATION BUSH	1							
28	2	119620-79350	NUT	2							
29	2	119620-77490	COLLAR	1							
30	1	26306-100002	NUT	1							
31	1	129795-01900	STUD	1							
32	1	119810-77340	BOLT	1							
33	1	119643-66900	DIODE	1							
34	1	128300-77920	TIMER	1							
35	1	129211-77920	TIMER	1							

Fig.16. GASKET SET



Remarks
(1) OPTIONAL PART.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729601-92740	GASKET SET(NON-ASB.)	1							1
2	2	129407-01340	GASKET,CYL.HEAD	1							
3	2	121850-51960	O-RING, F.I.PUMP	1							
4	2	124460-11340	SEAL, VALVE STEM	4							
5	2	119802-11870	PROTECTOR, NOZZLE	4							
6	2	119625-11880	SEAT, NOZZLE	4							
7	2	129601-11310	GASKET,COVER	1							
8	2	129150-77511	GASKET, (NON-ASB.)	1							
9	2	129550-13110	GASKET, EXH.MANIFOLD	1							
10	2	121400-11340	SEAL, VALVE STEM	4							
11	2	129150-35041	GASKET, (NON-ASB.)	1							
12	2	129486-42021	GASKET	1							
13	2	129795-49551	GASKET, (NON-ASB.)	1							
14	2	129150-49811	GASKET, (NON-ASB.)	1							
15	2	124395-49840	GASKET, THERMO. CASE	1							
16	2	22190-080002	SEAL WASHER 8S	2							
17	2	124465-44950	GASKET 16	2							
18	2	24311-000120	O-RING 1A P 12.0	3							
19	2	24311-000320	O-RING 1A P-32.0	2							
20	2	24341-000240	O-RING 1A S-24.0	1							
21	2	129486-42140	O-RING,CW-P	1							
22	2	129407-12110	GASKET,INT.MANOFOLD	1							
23	2	129150-35111	GASKET, (NON-ASB.)	1							
24	2	22190-160002	SEAL WASHER 16S	1							
25	2	119609-32040	O-RING P16	4							
26	2	22190-100002	SEAL WASHER 10S	2							
27	2	129930-13200	GASKET, SILENCER	1							
28	2	129100-77510	GASKET, AIR HEATER	1							
29	2	23414-080000	GASKET 8, ROUND	1							
30	2	24311-240100	O-RING 1A P-10A	1							
31	1	129400-92430	HORN, FLEX	1							1
32	1	977770-01212	GASKET, LIQUID	1							1

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729635-01000	SHORT BLOCK ASSY	1							
2	2	129635-01560	BLOCK ASSY, CYLINDER	1							
3	2	729402-01650	CASE ASSY, OIL SEAL	1							
4	2	129150-14200	TAPPET	8							
5	2	729402-14580	CAMSHAFT ASSY	1							
6	2	129601-21002	CRANKSHAFT ASSY	1							
7	2	129005-22080	PISTON ASSY	4							
8	2	129202-22300	PIN, PISTON	4							
9	2	729402-23100	ROD ASSY, CONNECTING	4							
10	2	119802-25101	GEAR ASSY, IDLE	1							
11	2	22252-000260	RING, 26	8							
12	2	26106-080142	BOLT, 8 X14	2							

NOT ILLUSTRATED

Remarks
* NOT ILLUSTRATED.

Part Number Index

All parts are stipulated in the order of part numbers.

(Depending on the area in which the part is used.)

This index will display the location of the part according to each part number.

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114250-53120	12	10
114250-53130	12	11
114250-53140	12	12
114250-53210	12	13
114250-53400	12	14
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119225-52102	13	13
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119620-49290	10	22
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119620-77471	15	16
119620-77480	15	20
119620-77490	15	29
119620-79200	15	9
119620-79210	15	10
119620-79220	15	11
119620-79230	15	12
119620-79250	15	6
119620-79260	15	18
119620-79280	15	21
119620-79290	15	22
119620-79300	15	23
119620-79310	15	24
119620-79320	15	25
119620-79330	15	26
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119620-79350	15	28
119620-79360	15	7
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119802-25101	17	10
119802-25901	7	15
119802-32070	2	8
119802-32100	2	7
119802-32111	2	18
119802-32120	2	19
119802-32130	2	20
119802-34850	9	18
119802-35110	9	24
119802-39450	9	11
119802-49113	10	10
119802-49730	10	36
119802-53100	12	6
119802-55700	13	14
119802-55710	13	15
119802-55800	13	2
119802-59550	12	52
119802-59560	12	54
119802-77320	15	1
119810-77340	15	32
119831-42290	10	21
119865-21600	8	16
119940-59130	9	34
120130-11860	4	5
120270-54410	4	23
121023-01550	2	28
121111-21501	8	12
121250-44901	10	33
121400-11340	4	16
	16	10
121450-42450	10	32
121550-23200	8	30
121750-59890	13	12
121850-21680	8	11
121850-42410	10	8
121850-51960	2	21
	16	3
123501-79240	15	5
123900-13610	6	3
123900-13630	6	4
124060-01050	1	10
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124240-01871	2	15
124395-49840	10	17
	16	15
124460-11340	4	17
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124465-44950	10	44
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	16	17
124574-44761	10	41
124722-59050	10	37
	40	
	12	53
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124766-59050	13	5
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128300-77920	15	34
129001-01250	1	11
129001-02930	1	25
129001-32330	2	11
129001-91841	2	22
129004-01190	1	33
129004-03010	4	39
129004-11650	4	31
129004-11900	4	21
129004-42001	10	1
129004-42040	10	15
129004-49610	10	34
129004-49620	10	38
129004-49711	10	35
129004-49721	10	39
129004-55610	13	1
129005-11100	4	10
129005-22080	8	17
	17	7
129005-22500	8	19
129005-22900	8	33
129005-22950	8	35
129005-59830	9	12
129006-35100	9	23
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129100-42121	10	4
129100-55690	13	16
129100-77500	5	8
129100-77510	5	9
	16	28
129103-49301	9	38
129136-77011	14	1
129136-77310	14	2
129136-77520	14	14
129150-01200	1	31
129150-02020	1	7
129150-02450	7	4
129150-02870	1	34
129150-02930	1	28
129150-02940	1	37
129150-03070	4	40
129150-11230	4	32
129150-11280	4	28
129150-11370	4	18
129150-11750	4	34
129150-11810	4	7
129150-14101	7	7
129150-14200	7	1
	17	4
129150-14400	7	2
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129150-23610	8	39
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	16	23
129150-35153	9	27
129150-49811	10	27
	16	14
129150-59120	12	26
129150-59131	12	29
	33	
129150-77511	5	10
	16	8
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129400-92430	16	31
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	16	2
129407-12110	5	5
	16	22
129410-03990	5	2
129417-33110	9	22
129417-35150	9	25
129418-32320	2	10
129423-77200	15	2
129423-77710	15	17
129457-49801	10	26
129486-01670	3	19
129486-42021	10	14
	16	12
129486-42140	10	16
	16	21
129486-59551	12	55
129489-01770	3	8
129508-33010	9	21
129508-49030	9	29
129508-49040	9	33
129550-13110	6	2
	16	9
129550-59120	12	30
129601-03080	5	1
129601-11241	4	25
129601-11251	4	29
129601-11310	4	47
	16	7
129601-11350	4	38
129601-12100	5	3
129601-21001	8	1
129601-21002	17	6
129601-51250	11	3
129601-59810	12	35
129601-59820	12	39
129601-59830	12	43
129601-59840	12	47
129602-11700	4	1
129602-34800	9	1
129602-53001	12	2
129612-01600	3	2
129635-01560	17	2
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129795-02411	1	14
129795-11120	4	12
129795-11180	4	13
129795-21661	8	10
129795-49551	10	29
	16	13
129900-07900	4	54
129900-32130	2	9
129900-77400	14	3
129900-77440	14	6
129900-77450	14	7
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129900-77460	14	9
129900-77480	14	10
129900-77640	14	19
129916-49740	10	13
129930-13200	6	7
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129950-59311	13	4
129956-59010	13	8
129957-59101	13	10
129961-59110	13	6
158552-51151	7	18
171008-03990	9	30
171008-77450	14	8
171008-77510	14	13
171008-77540	14	15
171008-77650	14	20
171008-77660	14	24
171008-77670	14	25
171008-77750	14	31
171051-01921	1	6
171340-77520	5	11
171420-21580	8	13
719802-01500	2	1
729402-01650	17	3
729402-14580	7	3
	17	5
729402-23100	8	25
	17	9
729601-92740	16	1
729602-01560	1	1
729602-51320	11	4
729635-01000	17	1
729645-53100	12	1
977770-01212	2	31
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X2114555500	14	21
X2114955020	14	22
X2130350900	14	4
X2240410100	14	23
X9490561001	15	3

PARTS No.	Fig.	Ref.No.
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YANMAR CO.,LTD.