

0CD10-M77700EN

PREFACE

1. This parts catalog is the 1st edition of 3TNE74-ENYBC for Kobelco Construction Machinery Co.,Ltd.

Pub.No. : 000Y00D7770

Published : Mar.,2003

2. Model name

Engine model	Vehicle		Vehicle made by
	Products	Model name	
3TNE74-ENYBC	Excavator	FK15	Kobelco Construction Machinery Co.,Ltd.

Directions for the Parts Catalog.

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

OCF10-G21601 29. FUEL INJECTION PUMP(W/BOOST)										
REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	
1	1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1		1
1-1	1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1	N	1
		(A=E00185) (B=E00200)								
3	2	26022-060162	SCREW M 6X 16	9	9	9	9	9		
3-1	2	26022-060162	SCREW M 6X 16	4	4	4	4	4	K	
		(A=E00156) (B=E00156) (C=E00156) (D=E00156) (E=E00156)								
4	2	129470-51040	CAMSHAFT	1	1	1	1	1		
5	2	122710-51050	BEARING, ROLLER	2	2	2	2	2		
6	2	129470-51060	RETAINER	1	1	1	1	1		

Remarks

(1) BOOST COMPEMSATOR TYPE. OPTIONAL PART, TO E00155,(4JH-DT, 4JH-DTZ

① Ref. No.

The Ref. No. listed may not be in accordance with the illustration Ref. No.

(Ex.) Illustration No.

List Ref No.

1 1 (Before change) → 1-1 (After change)

For interchangeable symbols N, R and K, illustrations for new parts may be abbreviated.

② Lev. (Level)

Level indication

The numbers below indicate the level of relativity towards the main part.

1 ---- Main parts (Assembly parts)

2 ---- Sub component included in " 1 ".

3 ---- Sub component included in " 2 ".

Note) Parts that are not for sale are partially illustrated but not listed.

③ Interchangeability Symbol

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

Symbol	Interchangeability	Contents note
N	Old $\xrightarrow{\text{Yes}}$ New No	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\xrightarrow{\text{No}}$ New Yes	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\xrightarrow{\text{Yes}}$ New Yes	New/ Old Parts are both interchangeable.
S	Old $\xrightarrow{\text{No}}$ New 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.

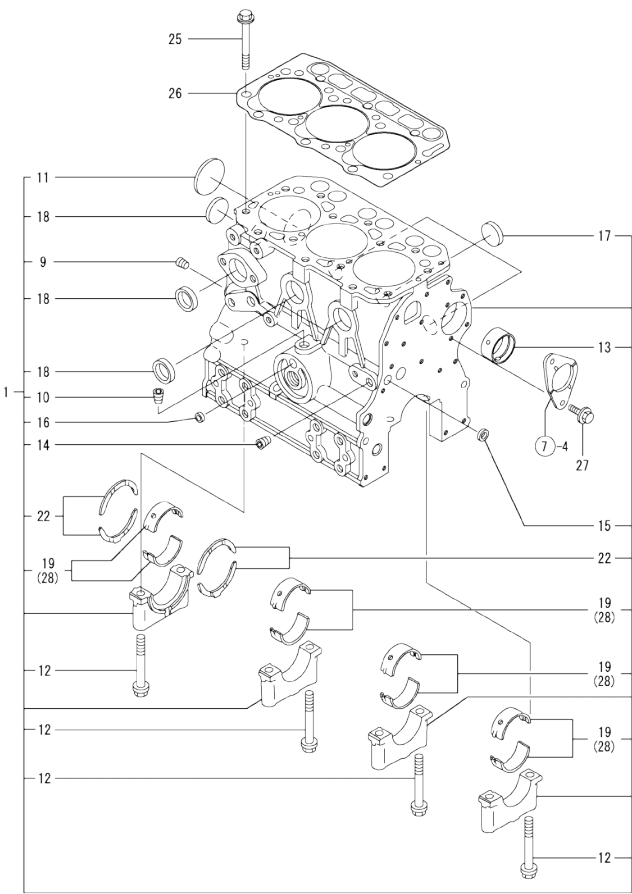
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

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0CD10-M77700

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ENGINE 3TNE74-ENYBC			
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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.	GOVERNOR		
13.	FUEL INJECTION VALVE		
14.	FUEL LINE		
15.	STARTING MOTOR		
16.	GENERATOR		
17.	GASKET SET		

Fig.1. CYLINDER BLOCK



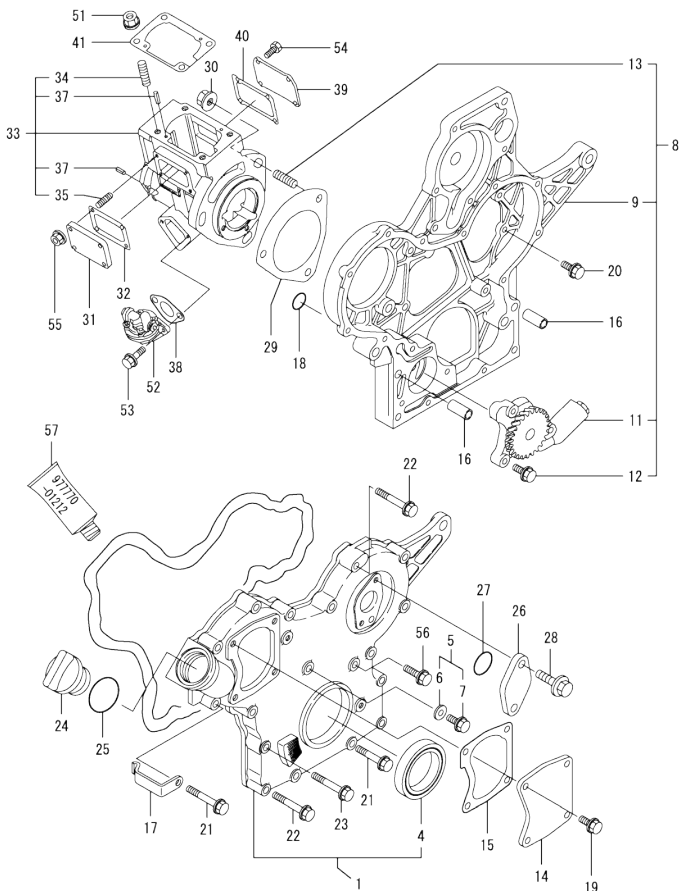
Remarks
(1)UNDER-SIZE(U.S=0.25)PART.

(A)=3TNE74-ENYBC
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719624-01561	BLOCK ASSY, CYLINDER	1							
9	2	119600-01050	PLUG, PT1/4	1							
10	2	119600-01050	PLUG, PT1/4	1							
11	2	119623-01250	PLUG, 45	1							
12	2	119620-02020	BOLT, METAL CAP	8							
13	2	119624-02410	BUSH	1							
14	2	23876-010000	PLUG, R01	1							
15	2	27241-120000	PLUG, 12	1							
16	2	27241-120000	PLUG, 12	1							
17	2	27241-250000	PLUG, 25	3							
18	2	27241-300000	PLUG 30	4							
19	2	719620-02800	BEARING, MAIN	4							
22	2	719620-02930	BEARING, THRUST	2							
25	1	119620-01200	BOLT, HEAD	14							
26	1	119636-01330	GASKET, HEAD	1							
27	1	26106-060122	BOLT, M6X 12 PLATED	2							
28	1	719620-02870	BEARING, 0.25 US	4							1

Fig.2. GEAR HOUSING



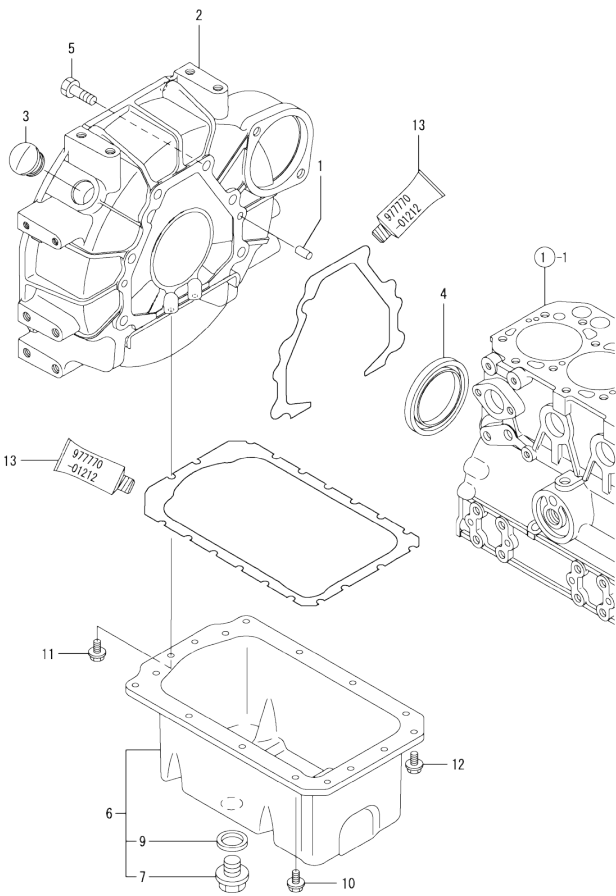
Remarks
(1) OPTIONAL PART.

(A)=3TNE74-ENYBC
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719624-01610	COVER ASSY,GEAR CASE	1							
4	2	119620-01800	SEAL, OIL	1							
5	1	119623-01550	BOLT, M6X20	1							
6	2	22190-060003	WASHER,SEAL 6	1							
7	2	26106-060202	BOLT, M6X 20 PLATED	1							
8	1	119624-01591	CASE ASSY, GEAR	1							
9	2	119624-01511	CASE, GEAR	1							
11	2	119624-32000	PUMP ASSY, OIL	1							
12	2	26106-060252	BOLT, M6X 25 PLATED	3							
13	2	26216-080202	STUD, M8X 20	3							
14	1	119636-01740	COVER	1							
15	1	119636-01750	GASKET	1							
16	1	119266-01910	PIPE, KNOCK	2							
17	1	119624-03100	RETAINER, PIPE	1							
18	1	119624-32040	O-RING, P12.0	2							
19	1	26106-060122	BOLT, M6X 12 PLATED	4							
20	1	26106-060162	BOLT, M6X 16 PLATED	5							
21	1	26106-060402	BOLT, M6X 40 PLATED	8							
22	1	26106-060652	BOLT, M6X 65 PLATED	6							
23	1	26106-060702	BOLT, M6X 70 PLATED	2							
24	1	124160-01751	COVER, FILLER	1							
25	1	24311-000320	O-RING, 1AP32.0	1							
26	1	121023-01550	COVER	1							
27	1	24341-000240	O-RING, 1AS24.0	1							
28	1	26106-060162	BOLT, M6X 16 PLATED	2							
29	1	119266-01871	GASKET	1							
30	1	26306-080002	NUT, M8	3							
31	1	119660-01551	COVER	1							
32	1	119660-01562	GASKET	1							
33	1	119266-01840	COVER	1							
34	2	121450-01560	STUD, M8X22	4							
35	2	119660-01570	STUD, M6X12	4							
37	2	22351-040010	PIN, SPRING 4.0X10	4							
38	1	121520-01851	GASKET	1							
39	1	119266-01880	COVER	1							
40	1	119266-01890	GASKET	1							
41	1	119623-01950	SHIM SET, ADJUSTING	1							
51	1	194990-22050	NUT, M8	4							
52	1	119600-52021	PUMP ASSY, FUEL FEED	1							
53	1	26106-060162	BOLT, M6X 16 PLATED	2							
54	1	26116-050082	BOLT, M5X 8 PLATED	4							
55	1	26366-060002	NUT, M6	4							
56	1	26106-060282	BOLT, M6X 28 PLATED	1							
57	1	977770-01212	GASKET, LIQUID	1							1

Fig.3. FLYWHEEL HOUSING & OIL SUMP



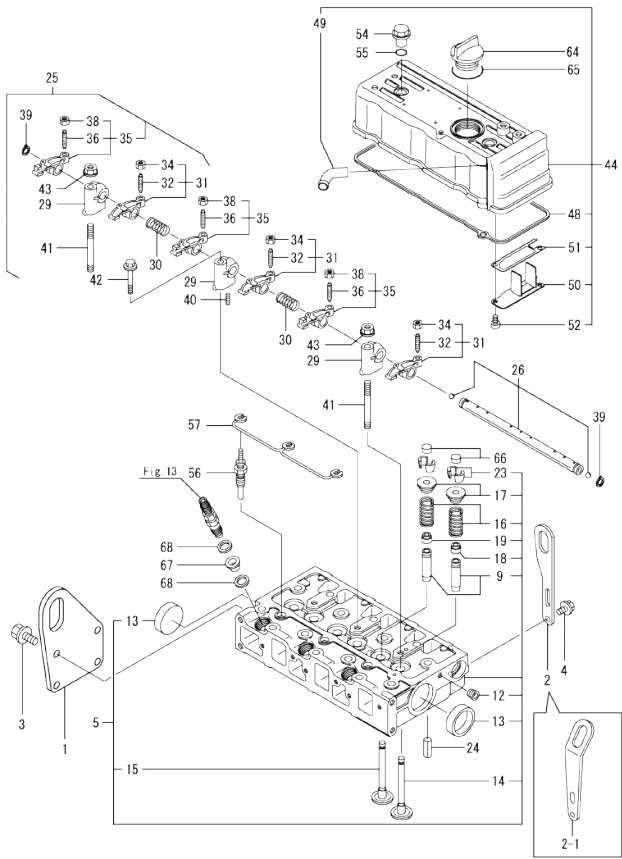
Remarks
(1) OPTIONAL PART.

(A)=3TNE74-ENYBC
(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	119624-01600	HOUSING, FLYWHEEL	1							
3	1	119620-01750	CAP	1							
4	1	124085-02220	SEAL, OIL	1							
5	1	26206-100252	BOLT, M10X 25 PLATED	6							
6	1	119636-01780	SUMP ASSY, OIL	1							
7	2	119640-01640	PLUG, DRAIN M22	1							
9	2	22190-220002	WASHER, SEAL 22	1							
10	1	26106-060102	BOLT, M6X 10 PLATED	10							
11	1	26106-060102	BOLT, M6X 10 PLATED	2							
12	1	26106-060122	BOLT, M6X 12 PLATED	4							
13	1	977770-01212	GASKET, LIQUID	1							1

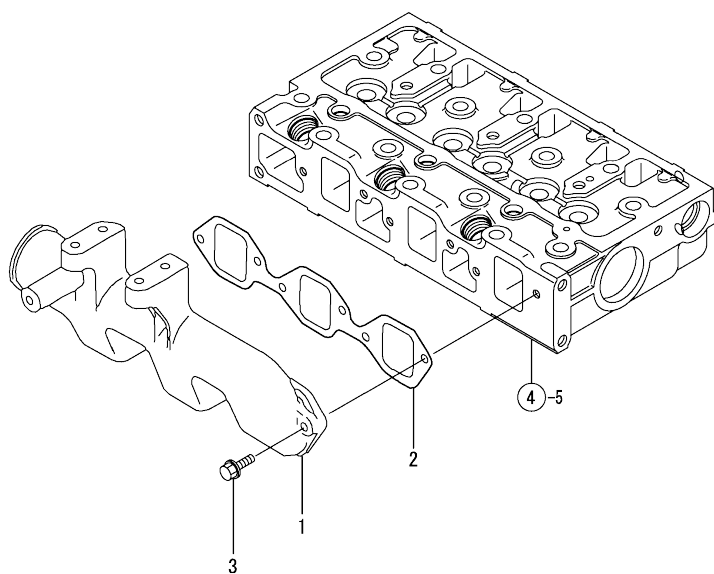
Fig.4. CYLINDER HEAD & BONNET



Remarks
(1)Spare parts.

										OCD10-M77700 Fig.4	
										(A)=3TNE74-ENYBC (B)= (C)=	
										(D)= (E)= (F)=	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119624-07900	LIFTER	1							
2	1	124736-07900	LIFTER, ENGINE	1							
2-1	1	119266-07900	LIFTER	1							N
(A=EN20019)											
3	1	26106-060122	BOLT, M6X 12 PLATED	4							
4	1	26106-080142	BOLT, M8X 14 PLATED	2							
5	1	119624-11741	HEAD ASSY, CYLINDER	1							
9	2	119620-11801	GUIDE, VALVE	6							1
12	2	23876-005000	PLUG, R005	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	124160-11340	SEAL, VALVE STEM	3							
19	2	124950-11340	SEAL, VALVE STEM	3							
23	2	27310-070001	COTTER, 7	6							
24	1	22351-060012	PIN, SPRING 6.0X12	2							
25	1	119624-11200	SUPPORT ASSY, ROCKER	1							
26	2	119620-11240	SHAFT ASSY, ARM	1							
29	2	124295-11260	SUPPORT, ROCKER ARM	3							
30	2	119620-11280	SPRING, SHAFT	2							
31	2	124295-11650	ARM ASSY, ROCKER INT	3							
32	3	105010-11230	SCREW, VALVE ADJUST	3							
34	3	26856-060002	NUT, M6	3							
35	2	124295-11660	ARM ASSY, ROCKER EXH	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, ARM SUPPORT	2							
42	1	26106-080502	BOLT, M8X 50 PLATED	1							
43	1	26306-080002	NUT, M8	2							
44	1	119624-11331	BONNET ASSY, HEAD	1							
48	2	119624-11311	GASKET, BONNET	1							
49	2	119266-11390	JOINT	1							
50	2	119624-11600	PLATE, BAFFLE	1							
51	2	119624-11610	GASKET, PLATE	1							
52	2	22857-500100	SCREW, 5X10	2							
54	1	124160-11360	KNOB, BONNET	2							
55	1	24311-000120	O-RING, 1AP12.0	2							
56	1	129155-77801	PLUG, GLOW	3							
57	1	119620-77820	CONNECTOR, GLOW PLUG	1							
64	1	124160-01751	CAP, FILLER	1							
65	1	24311-000320	O-RING, 1AP32.0	1							
66	1	104211-11370	CAP, VALVE	6							
67	1	119600-11450	PROTECTOR, NOZZLE	3							
68	1	119600-11460	GASKET, NOZZLE	6							

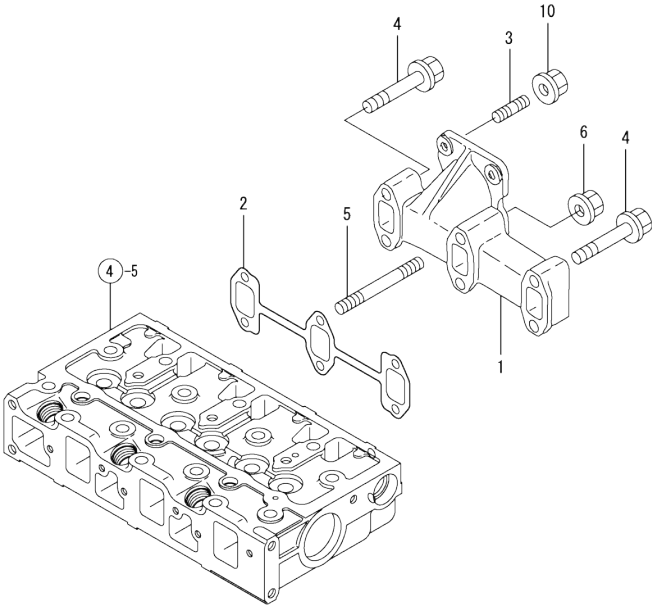
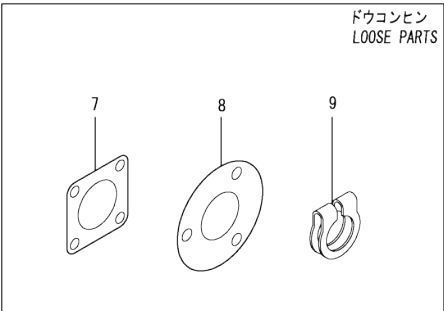
Fig.5. SUCTION MANIFOLD



				OCD10-M77700 Fig.5						
				(A)=3TNE74-ENYBC	(D)=					
				(B)=	(E)=					
				(C)=	(F)=					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I R
1	1	119645-12100	MANIFOLD, AIR INTAKE	1						
2	1	119620-12111	GASKET, MANIFOLD	1						
3	1	26106-060202	ROL T. M6X 20 PLATED	6						

N:Old ^{Yes}/_{No} New. Q:Old ^{No}/_{Yes} New. R:Old ^{Yes}/_{Yes} New. S:Old ^{No}/_{No} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

0CD10-M77700 ENGINE 3TNE74-ENYBC
Fig.6. EXHAUST MANIFOLD



0CD10-M77700 Fig.6

(A)=3TNE74-ENYBC

(D)=

(B)=

(E)=

(C)=

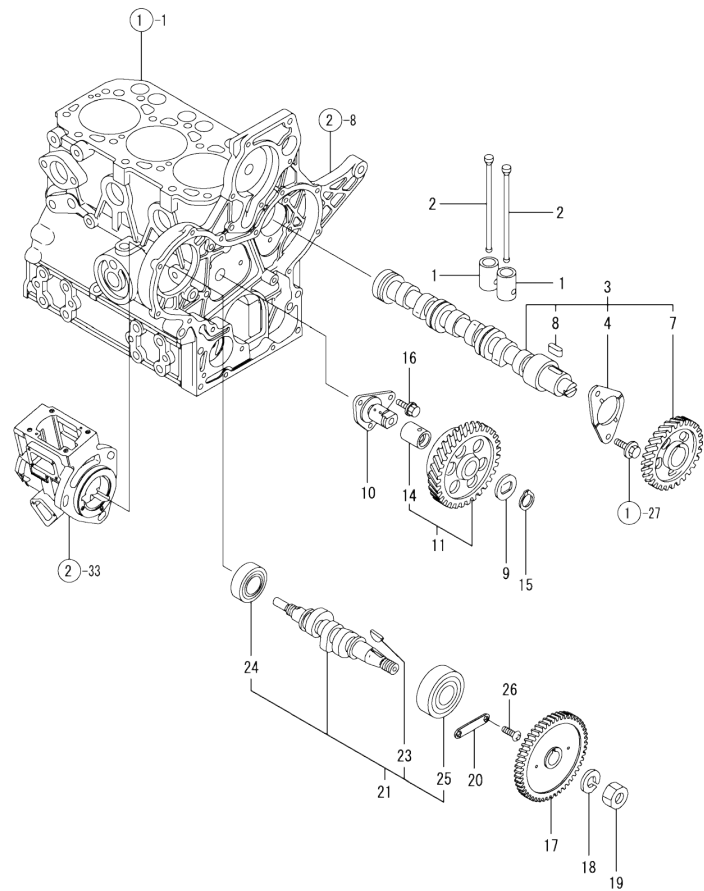
(F)=

Q'ty

I R

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	119600-13100	MANIFOLD, EXHAUST	1					
2	1	119620-13110	GASKET	1					
3	1	119131-18320	STUD, M8X22	4					
4	1	119802-13600	BOLT, M8X40	4					
5	1	129054-13210	STUD, M8X55	2					
6	1	26306-080002	NUT, M8	2					
7	1	124701-11911	GASKET, SILENCER	1					
8	1	103954-13201	GASKET, SILENCER	1					
9	1	119831-13580	CLAMP	1					
10	1	26306-080002	NUT, M8	4					

Fig.7. CAMSHAFT & DRIVING GEAR



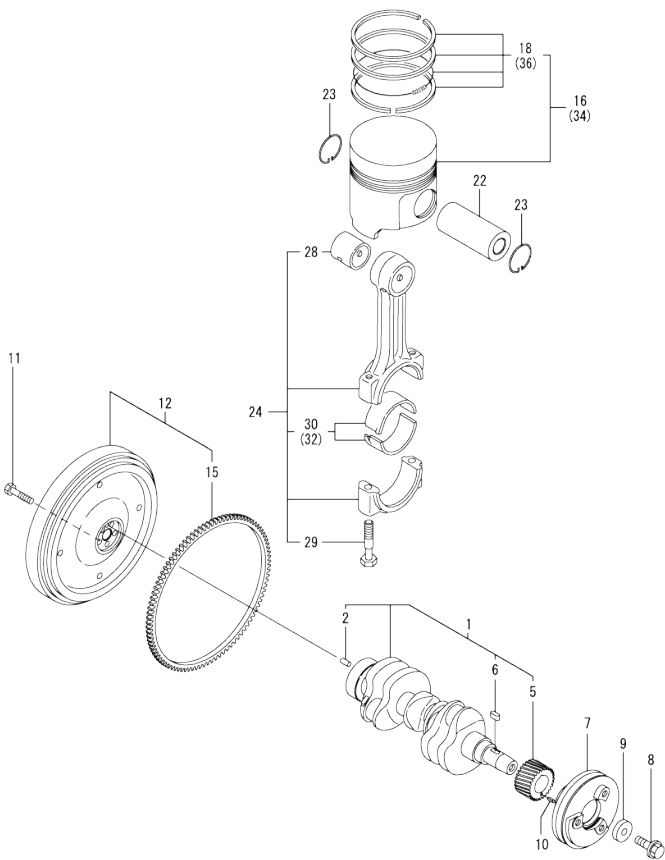
Remarks
(1) REPAIR PART.

(A)=3TNE74-ENYBC
(B)=
(C)=

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

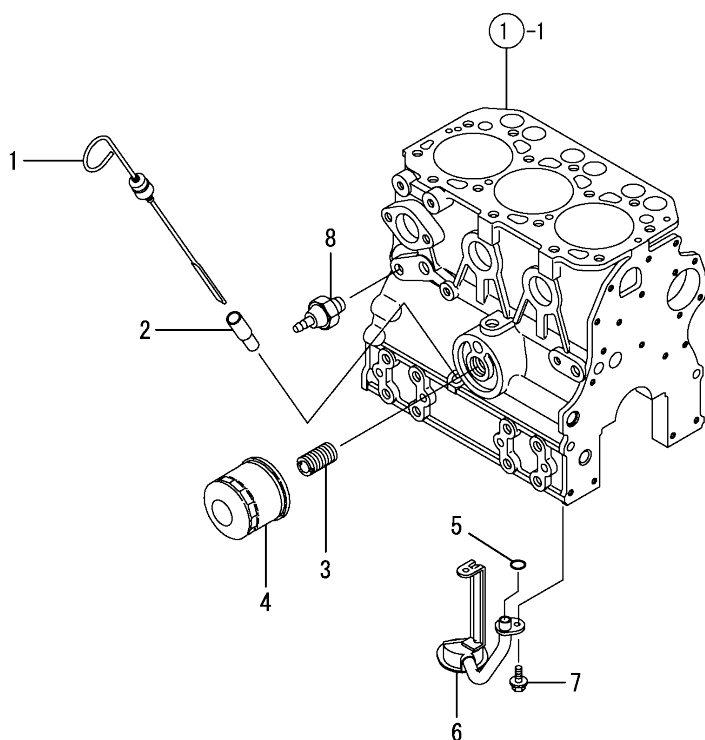
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119620-14200	TAPPET	6							
2	1	119620-14401	ROD, PUSH	6							
3	1	119629-14580	CAMSHAFT ASSY	1							
4	2	119620-02450	BEARING, THRUST	1							
7	2	119620-14100	GEAR, CAMSHAFT	1							
8	2	22512-040120	KEY, 4X 12	1							
9	1	119660-25022	RETAINER	1							
10	1	119266-25050	SHAFT, IDLE GEAR	1							
11	1	119620-25102	GEAR ASSY, IDLE	1							
14	2	119620-25912	BUSH	1							1
15	1	22242-000200	RING, 20	1							
16	1	26106-060122	BOLT, M6X 12 PLATED	3							
17	1	119624-25900	GEAR, PUMP	1							
18	1	22217-120000	WASHER, SPRING 12	1							
19	1	26716-120002	NUT, M12	1							
20	1	119266-01900	RETAINER, BEARING	1							
21	1	119266-14200	CAM ASSY	1							
23	2	122710-51090	KEY	1							
24	2	24101-060034	BEARING, BALL 6003	1							
25	2	24102-063034	BEARING, BALL 6303U	1							
26	1	26557-060102	SCREW, M6X10	2							

Fig.8. CRANKSHAFT & PISTON



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119624-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
5	2	119624-21200	GEAR, CRANKSHAFT	1							
6	2	22512-040120	KEY, 4X 12	1							
7	1	119266-21651	V-PULLEY	1							
8	1	119621-21680	BOLT, FLANGE 12X1.25	1							
9	1	119620-21941	WASHER	1							
10	1	22351-030010	PIN, SPRING 3.0X10	1							
11	1	121111-21501	BOLT, FLYWHEEL	5							
12	1	119624-21570	FLYWHEEL ASSY	1							
15	2	119865-21600	GEAR, RING	1							
16	1	119624-22082	PISTON ASSY	3							
18	2	119623-22500	RING SET, PISTON	3							
22	1	114399-22300	PIN, PISTON D=21	3							
23	1	22252-000210	RING, 21	6							
24	1	719620-23100	ROD ASSY, CONNECTING	3							
28	2	119620-23910	BEARING, PISTON PIN	3							1
29	2	105225-23200	BOLT, CONNECTING ROD	6							
30	2	719620-23600	BEARING, CRANK PIN	3							
32	1	719620-23610	BEARING ASSY, 0.25	3							2
34	1	119624-22900	PISTON ASSY, 0.25 OS	3							3
36	2	119623-22950	RING SET, 0.25 OS	3							3



				(A)=3TNE74-ENYBC (B)= (C)=					(D)= (E)= (F)=				
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R		
1	1	119624-34810	DIPSTICK, OIL	1									
2	1	121520-34810	GUIDE, DIPSTICK	1									
3	1	129100-35140	STUD	1									
4	1	119305-35150	FILTER, OIL	1									
5	1	119209-35030	O-RING, P11	1									
6	1	119620-35093	PIPE ASSY, OIL INLET	1									
7	1	26106-060102	BOLT, M6X 10 PLATED	2									
8	1	114250-39450	SWITCH, 0.5KG	1									

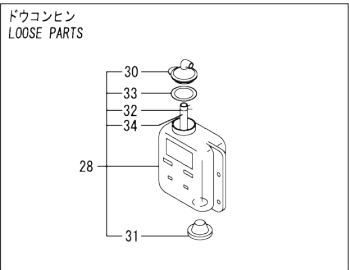
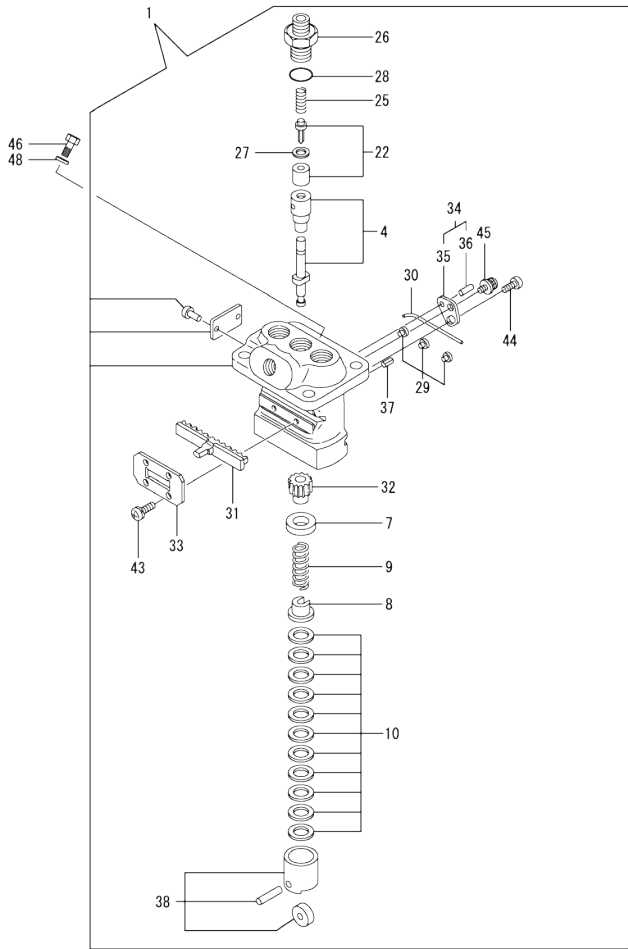


Fig.11. FUEL INJECTION PUMP

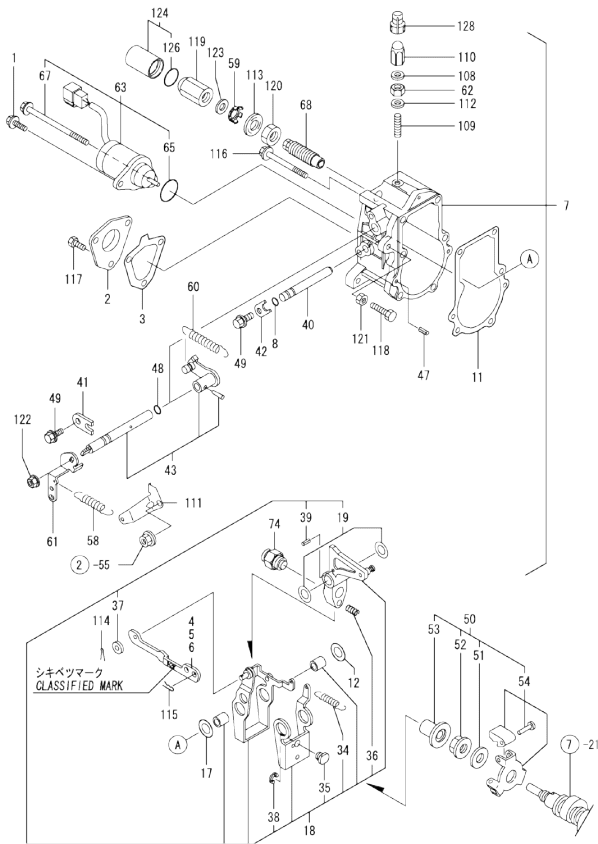


(A)=3TNE74-ENYBC
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719624-51100	PUMP ASSY, INJECTION	1							
4	2	119620-51101	PLUNGER ASSY	3							
7	2	119620-51170	RETAINER, SPRING A	3							
8	2	119620-51180	RETAINER, SPRING B	3							
9	2	119620-51190	SPRING, PLUNGER	3							
10	2	119620-51250	SHIM SET	3							
22	2	119620-51300	VALVE ASSY, DELIVERY	3							
25	2	105546-51330	SPRING, DELIVERY	3							
26	2	119620-51340	HOLDER, DELIVERY	3							
27	2	119620-51350	GASKET	3							
28	2	119620-51370	O-RING	3							
29	2	119620-51450	PIECE	3							
30	2	119620-51461	PIN	1							
31	2	119660-51500	RACK, CONTROL	1							
32	2	119620-51510	PINION	3							
33	2	119660-51530	RETAINER, RACK	1							
34	2	119620-51640	PLATE ASSY, ADJUST	2							
35	3	119620-51650	PLATE	2							
36	3	119620-51670	PIN	2							
37	2	119620-51680	PIN	1							
38	2	119620-51700	TAPPET ASSY	3							
43	2	26022-040082	SCREW, M4X 8	4							
44	2	26033-040102	SCREW, M4X10	2							
45	2	119620-51660	SCREW	2							
46	1	119266-51900	BOLT	1							
48	1	22190-080002	WASHER, SEAL 6	1							

Fig.12. GOVERNOR



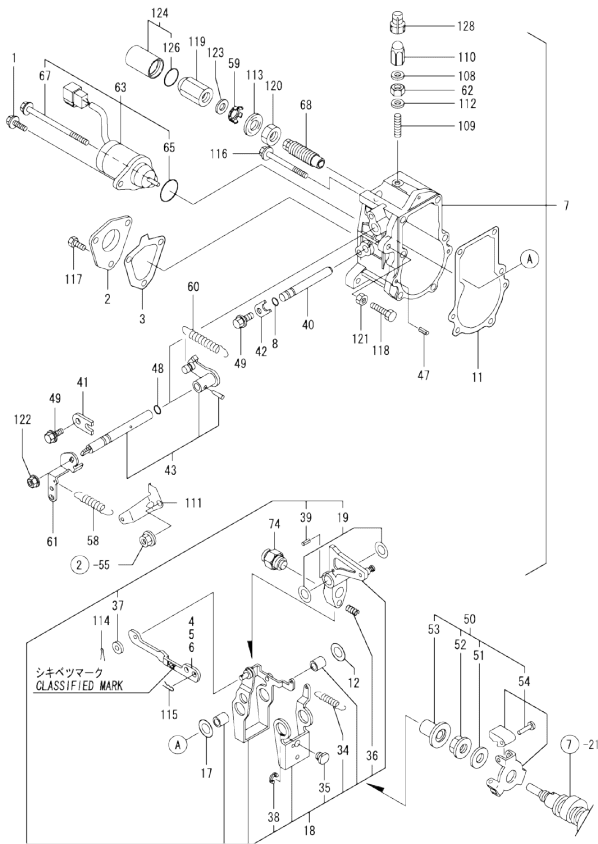
Remarks
(1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER(REFER TO ILLUSTRATION)
(2) REPAIR PART.

(A)=3TNE74-ENYBC
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121465-69950	BOLT, M6X16	1							
2	1	119660-61060	COVER, GOVERNOR CASE	1							
3	1	119660-61071	GASKET	1							
4	1	119660-61122	LINK, NO MARK	1						1	
5	1	119660-61141	LINK, MARK A	1						1	
6	1	119660-61151	LINK, MARK :B	1						1	
7	1	119632-61200	CASE ASSY, GOVERNOR	1							
8	2	129155-61280	O-RING, S6	1							
11	2	119660-61053	GASKET	1							
12	2	119632-61500	SHIM SET	1							
17	2	129156-61500	SHIM, T=0.5	1							
18	2	119232-61510	LEVER ASSY, GOVERNOR	1							
19	3	174307-61700	SHIM SET	2							
34	3	119232-61540	SPRING	1							
35	3	119600-61541	SHIFTER	1							
36	3	119660-61651	SPRING, STARTING	1							
37	3	22117-040000	WASHER, 4	1							
38	3	22272-000040	RING, E- 4	1							
39	3	22351-030014	PIN, SPRING 3.0X14	1							
40	2	119660-61590	SHAFT	1							
41	2	119600-61900	RETAINER, SHAFT	1							
42	2	119660-61901	RETAINER, SHAFT	1							
43	2	119285-66080	SHAFT ASSY	1							
47	2	22351-040010	PIN, SPRING 4.0X10	2							
48	2	24341-000070	O-RING, 1AS7.0	1							
49	2	26106-060102	BOLT, M6X 10 PLATED	2							
50	1	119266-61300	DRIVE ASSY	1							
51	2	119266-61230	SPACER	1							
52	2	119660-61300	NUT	1							
53	2	119660-61341	SLEEVE	1							
54	2	119600-61400	WEIGHT ASSY,GOVERNOR	1							
58	1	119840-61870	SPRING	1							
59	1	129209-61970	PLATE	1							
60	1	119600-66020	SPRING, REGULATOR	1							
61	1	119640-66051	HANDLE, REGULATOR	1							
62	1	26857-060002	NUT, M6	1							
63	1	119233-66511	STOPPER ASSY	1							
65	2	24341-000280	O-RING, 1AS28.0	1							
67	2	119620-01530	BOLT	1							
68	1	119600-66530	LIMITER ASSY, FUEL	1							
74	1	119610-66700	ANGLEICH ASSY	1							
108	1	119285-66620	GASKET	1							
109	1	121575-66830	SCREW	1							
110	1	119285-66600	NUT, CAP M6	1							
111	1	119656-66910	HOOK	1							
112	1	22190-060003	WASHER, SEAL 6	1							
113	1	22190-120002	WASHER, SEAL 12	2							
114	1	22360-040000	PIN, SNAP 4	1							
115	1	22360-060000	PIN, SNAP 6	1							
116	1	26106-060702	BOLT, M6X 70 PLATED	5							
117	1	26116-050102	BOLT, M5X 10 PLATED	3							

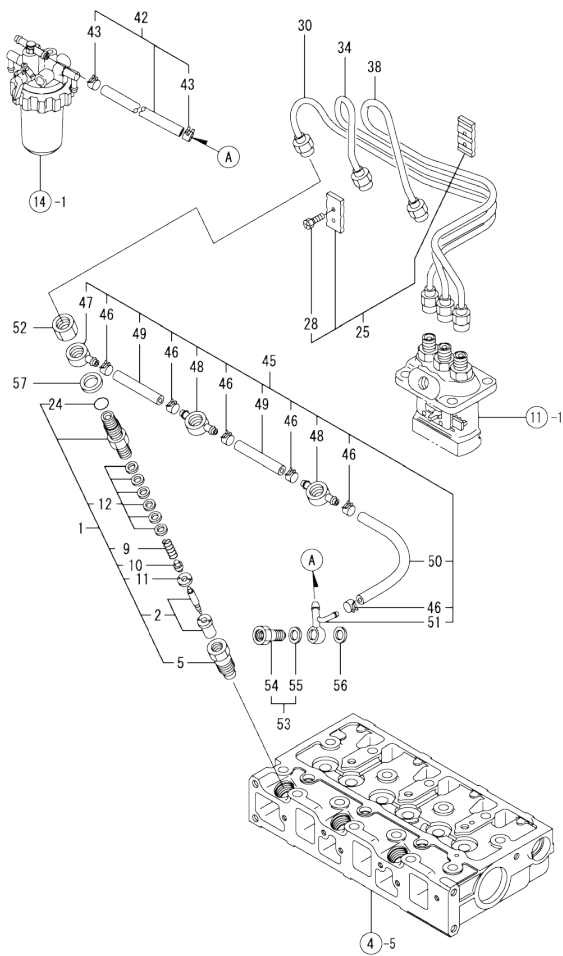
Fig.12. GOVERNOR



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
118	1	119266-61460	BOLT	1							
119	1	26687-120002	NUT, CAP M12	1							
120	1	26736-120002	NUT, M12	1							
121	1	26756-060002	NUT, LOCK M6	1							
122	1	26366-080002	NUT, M8	1							
123	1	23414-120016	GASKET, 12X1.0	1							
124	1	129209-61940	CASE ASSY	1							
126	2	24311-000150	O-RING, 1AP15.0	1							
128	1	119285-66650	CAP, HIGH-IDLE	1							2

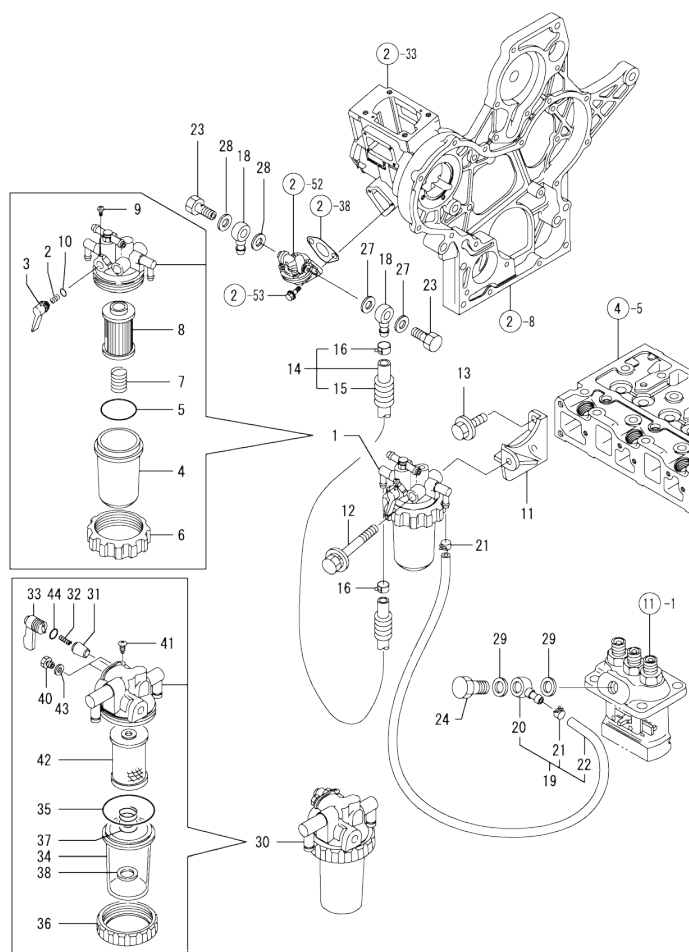
Fig.13. FUEL INJECTION VALVE



(A)=3TNE74-ENYBC
(B)=
(C)=

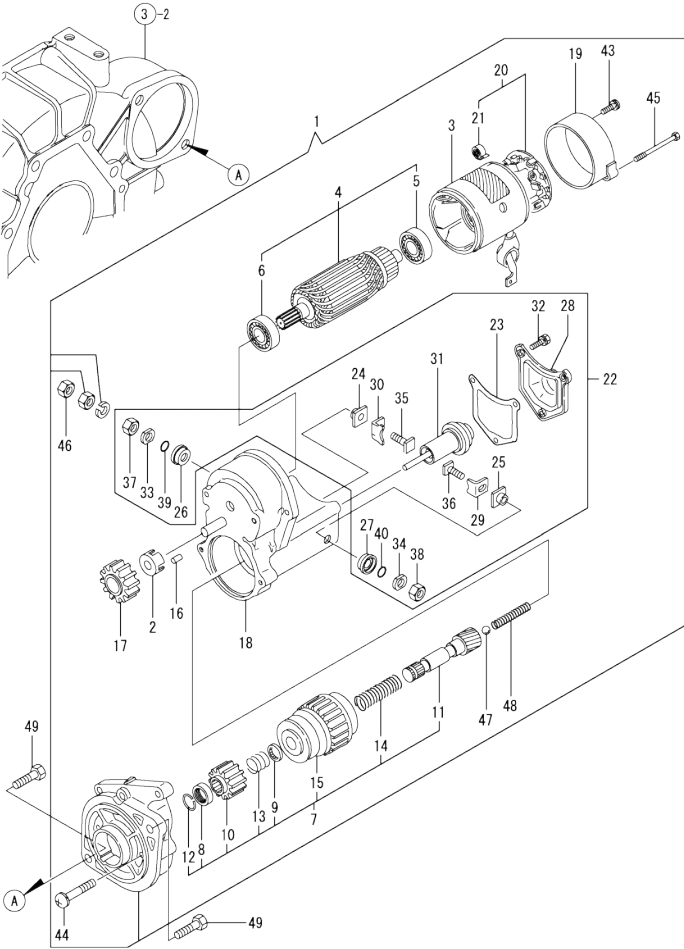
(D)=
(E)=
(F)=

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	119620-53000	VALVE ASSY,INJECTION	3							
5	2	119620-53080	NUT, NOZZLE	3							
9	2	119620-53120	SPRING, NOZZLE	3							
10	2	114250-53130	SEAT, SPRING	3							
11	2	119620-53140	SPACER, VALVE STOP	3							
12	2	114250-53400	SHIM SET	3							
24	2	129155-61830	O-RING, S10	3							
25	1	129150-59120	RETAINER, PIPE	1							
28	2	129150-59131	BOLT, M4X14	2							
30	1	119624-59811	PIPE ASSY, INJECTION	1							
34	1	119624-59821	PIPE ASSY, INJECTION	1							
38	1	119624-59831	PIPE ASSY, INJECTION	1							
42	1	721250-59080	PIPE ASSY, FUEL	1							
43	2	124766-59050	CLIP, HOSE 12	2							
45	1	119642-59540	PIPE ASSY, RETURN	1							
46	2	124066-59100	CLIP, HOSE 8	6							
47	2	119260-59520	JOINT	1							
48	2	119260-59530	JOINT	2							
49	2	105025-59550	PIPE, FUEL RETURN	2							
50	2	119642-59550	PIPE, FUEL RETURN	1							
51	2	119642-59570	JOINT, OVER FLOW	1							
52	1	119620-59700	NUT, NOZZLE	3							
53	1	124550-59830	BOLT ASSY, JOINT M8	1							
54	2	124550-59820	BOLT, PIPE JOINT M8	1							
55	2	22190-080002	WASHER, SEAL 6	1							
56	1	22190-080002	WASHER, SEAL 6	1							
57	1	22190-140002	WASHER, SEAL 14	3							



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	119255-55620	FILTER ASSY, FUEL	1					
2	2	104200-55330	SPRING, VALVE	1					
3	2	119810-55340	LEVER	1					
4	2	121254-55510	COVER	1					
5	2	102103-55520	O-RING	1					
6	2	110250-55610	RING, RETAINING	1					
7	2	121250-55620	SPRING	1					
8	2	124550-55700	FILTER, FUEL L=90	1					
9	2	104200-55750	SCREW, M4	1					
10	2	24311-240100	O-RING, 1AP10A	1					
11	1	119624-55910	BACKET, FILTER	1					
12	1	26014-080702	BOLT, M8X 70	1					
13	1	26106-080182	BOLT, M8X 18 PLATED	2					
14	1	119624-59020	PIPE ASSY, FUEL	1					
15	2	119624-59110	TUBE, CORRUGATED	1					
16	2	124766-59050	CLIP, HOSE 12	2					
18	1	104264-59030	JOINT, PIPE 8	2					
19	1	119325-59030	PIPE ASSY, FUEL	1					
20	2	101304-59020	JOINT, PIPE 12	1					
21	2	124766-59050	CLIP, HOSE 12	2					
22	2	119325-59080	PIPE, FUEL	1					
23	1	105582-59150	BOLT, PIPE JOINT	2					
24	1	119462-59190	BOLT ASSY, JOINT	1					
27	1	22190-080002	WASHER, SEAL_ 6	2					
28	1	22190-080002	WASHER, SEAL_ 6	2					
29	1	22190-120002	WASHER, SEAL 12	2					
30	1	129335-55700	SEPARATOR ASSY,WATER	1					
31	2	104200-55321	VALVE, TAPER	1					
32	2	104200-55330	SPRING, VALVE	1					
33	2	104200-55341	HANDLE	1					
34	2	124064-55510	COVER	1					
35	2	102103-55520	O-RING	1					
36	2	110250-55610	RING, RETAINING	1					
37	2	121257-55720	SPRING	1					
38	2	121257-55731	FLOAT	1					
40	2	101720-55750	PLUG, 6	2					
41	2	104200-55750	SCREW, M4	1					
42	2	171081-55910	SCREEN	1					
43	2	23418-060000	GASKET, 6X1.0	2					
44	2	24311-240100	O-RING, 1AP10A	1					

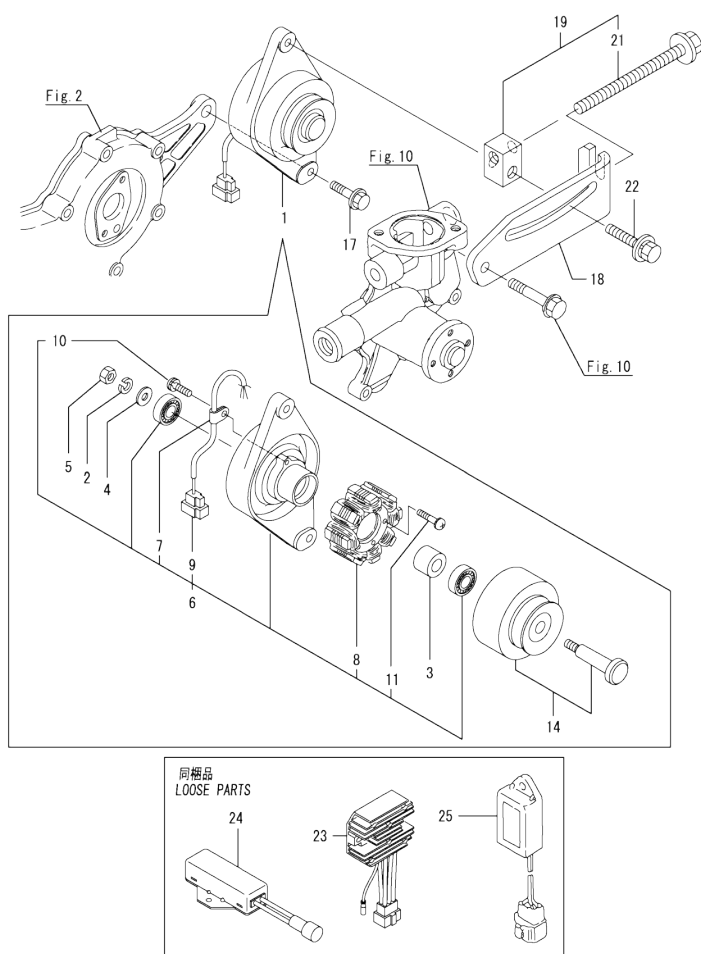
Fig.15. STARTING MOTOR



(A)=3TNE74-ENYBC
(B)=
(C)=

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

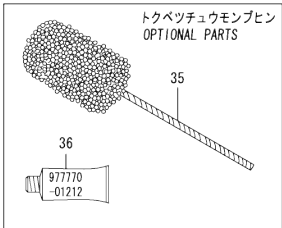
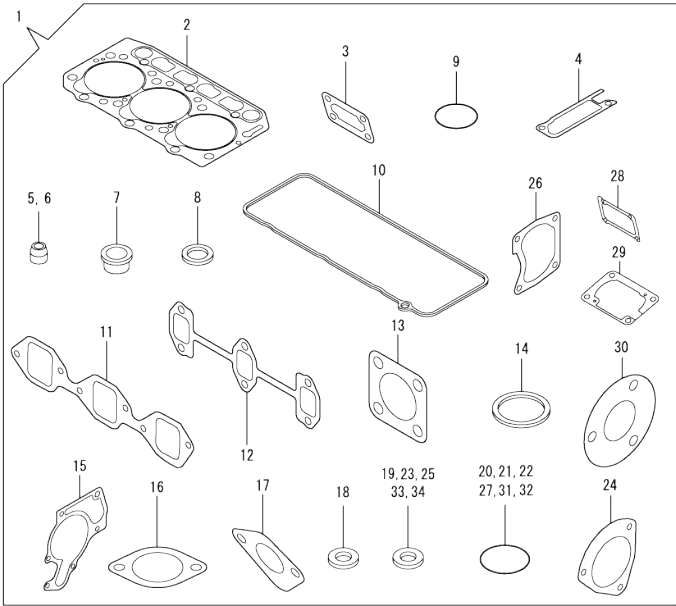
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119620-77011	STARTER	1							
2	2	X0280630011	RETAINER	1							
3	2	X0281003751	YOKE ASSY	1							
4	2	X0282001531	ARMATURE ASSY	1							
5	3	X9491001360	BEARING	1							
6	3	X9491001860	BALL BEARING	1							
7	2	X0283005050	CLUTCH, STARTER	1							
8	3	X0280210230	NUT	1							
9	3	X0283270140	RETAINER	1							
10	3	X0283715030	PINION, STARTER	1							
11	3	X0283810040	SHAFT	1							
12	3	X9490721080	RING	1							
13	3	X9491703371	SPRING, COIL	1							
14	3	X9491704260	SPRING	1							
15	3	121120-77930	CASE ASSY, STARTER	1							
16	2	X0283060061	ROLLER	5							
17	2	X0283711420	PINION	1							
18	2	X0284004910	HOUSING, STARTER	1							
19	2	X0285040631	FRAME ASSY	1							
20	2	X0285100460	HOLDER ASSY, BRUSH	1							
21	3	X9491730461	SPRING	4							
22	2	X0534006460	SWITCH, MAGNETIC	1							
23	3	X0534040320	GASKET	1							
24	3	X0534490120	BUSH	1							
25	3	X0534490120	BUSH	1							
26	3	X0534490230	BUSH	1							
27	3	X0534490230	BUSH	1							
28	3	X0535050620	COVER	1							
29	3	X0535130241	PLATE (B)	1							
30	3	X0535130320	PLATE (A)	1							
31	3	X0536600401	PLUNGER	1							
32	3	X9151005141	BOLT W/WASHER	3							
33	3	X9490170900	WASHER	1							
34	3	X9490170900	WASHER	1							
35	3	X9490441303	BOLT	1							
36	3	X9490441312	BOLT	1							
37	3	X9490502820	NUT	1							
38	3	X9490502820	NUT	1							
39	3	X9491402100	O-RING	1							
40	3	X9491402100	O-RING	1							
43	2	X9490071810	SCREW W/WASHER	2							
44	2	X9490071970	SCREW W/WASHER	2							
45	2	X9490471500	BOLT W/WASHER	2							
46	2	X9490561370	NUT	1							
47	2	X9491200240	BALL	1							
48	2	X9491703380	SPRING	1							
49	1	26116-120252	BOLT, M12X 25 PLATED	2							



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129150-77202	GENERATOR	1							
1-1	1	129150-77203	DINAMO ASSY	1						N	
		(A=EN19954)									
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=EN19954)									
17	1	26106-100402	BOLT, M10X 40 PLATED	1							
18	1	119624-77340	ADJUSTER	1							
19	1	119624-77350	BLOCK, ADJUSTER	1							
21	2	26106-081004	BOLT, M8X100 PLATED	1							
22	1	26014-080452	BOLT, M8X 45	1							
23	1	119653-77710	CURRENT LIMITER	1							
24	1	129155-77810	REGISTER	1							
25	1	129211-77920	TIMER	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.17. GASKET SET



Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719636-92620	GASKET SET	1							1
2	2	119636-01330	GASKET, HEAD	1							
3	2	119660-01562	GASKET	1							
4	2	119624-11610	GASKET	1							
5	2	124950-11340	SEAL, VALVE STEM	3							
6	2	124160-11340	SEAL, VALVE STEM	3							
7	2	119600-11450	PROTECTOR, NOZZLE	3							
8	2	119600-11460	GASKET, NOZZLE	6							
9	2	24311-000320	O-RING, 1AP32.0	2							
10	2	119624-11311	GASKET, BONNET	1							
11	2	119620-12111	GASKET, MANIFOLD	1							
12	2	119620-13110	GASKET	1							
13	2	124701-11911	GASKET, SILENCER	1							
14	2	129150-49811	GASKET, THERMOSTAT	1							
15	2	119624-42021	GASKET, WATER PUMP	1							
16	2	129795-49551	GASKET	1							
17	2	121520-01851	GASKET	1							
18	2	124465-44950	GASKET, 16	2							
19	2	22190-120002	WASHER, SEAL 12	2							
20	2	24311-000120	O-RING, 1AP12.0	2							
21	2	129155-61830	O-RING, S10	3							
22	2	24341-000240	O-RING, 1AS24.0	1							
23	2	22190-220002	WASHER, SEAL 22	1							
24	2	119266-01871	GASKET	1							
25	2	22190-060003	SEAL WASER 6	1							
26	2	119636-01750	GASKET	1							
27	2	119624-32040	O-RING, P12.0	2							
28	2	119266-01890	GASKET	1							
29	2	119623-01950	SHIM SET, ADJUSTING	1							
30	2	103954-13201	GASKET, SILENCER	1							
31	2	119209-35030	O-RING, P11	1							
32	2	119266-42140	O-RING, P22	2							
33	2	22190-080002	WASHER, SEAL 6	7							
34	2	22190-140002	WASHER, SEAL 14	3							
35	1	129400-92410	FLEX HORN	1							1
36	1	977770-01212	GASKET, LIQUID	1							1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	14	20
101720-55750	14	40
102103-55520	14	5
		35
103954-13201	6	8
	17	30
104200-55321	14	31
104200-55330	14	2
		32
104200-55341	14	33
104200-55750	14	9
		41
104211-11370	4	66
104264-59030	14	18
105010-11230	4	32
		36
105025-59550	13	49
105225-23200	8	29
105546-51330	11	25
105582-59150	14	23
110250-55610	14	6
		36
114250-39450	9	8
114250-53130	13	10
114250-53400	13	12
114399-22300	8	22
119131-18320	6	3
119209-35030	9	5
	17	31
119232-61510	12	18
119232-61540	12	34
119233-44740	10	16
119233-66511	12	63
119255-55620	14	1
119260-59520	13	47
119260-59530	13	48
119266-01840	2	33
119266-01871	2	29
	17	24
119266-01880	2	39
119266-01890	2	40
	17	28
119266-01900	7	20
119266-01910	2	16
119266-07900	4	2 -1
119266-11390	4	49
119266-14200	7	21
119266-21651	8	7
119266-25050	7	10
119266-42052	10	9

Parts No.	Fig. No.	Ref. No.
119266-42140	10	10
	17	32
119266-51900	11	46
119266-61230	12	51
119266-61300	12	50
119266-61460	12	118
119285-66080	12	43
119285-66600	12	110
119285-66620	12	108
119285-66650	12	128
119305-35150	9	4
119325-59030	14	19
119325-59080	14	22
119462-59190	14	24
119600-01050	1	9
		10
119600-11450	4	67
	17	7
119600-11460	4	68
	17	8
119600-13100	6	1
119600-52021	2	52
119600-61400	12	54
119600-61541	12	35
119600-61900	12	41
119600-66020	12	60
119600-66530	12	68
119610-66700	12	74
119620-01200	1	25
119620-01530	12	67
119620-01750	3	3
119620-01800	2	4
119620-02020	1	12
119620-02450	7	4
119620-11110	4	15
119620-11120	4	16
119620-11180	4	17
119620-11240	4	26
119620-11280	4	30
119620-11350	4	41
119620-11801	4	9
119620-12111	5	2
	17	11
119620-13110	6	2
	17	12
119620-14100	7	7
119620-14200	7	1
119620-14401	7	2
119620-21941	8	9
119620-23910	8	28

Parts No.	Fig. No.	Ref. No.
119620-25102	7	11
119620-25912	7	14
119620-35093	9	6
119620-51101	11	4
119620-51170	11	7
119620-51180	11	8
119620-51190	11	9
119620-51250	11	10
119620-51300	11	22
119620-51340	11	26
119620-51350	11	27
119620-51370	11	28
119620-51450	11	29
119620-51461	11	30
119620-51510	11	32
119620-51640	11	34
119620-51650	11	35
119620-51660	11	45
119620-51670	11	36
119620-51680	11	37
119620-51700	11	38
119620-53000	13	2
119620-53080	13	5
119620-53120	13	9
119620-53140	13	11
119620-59700	13	52
119620-77011	15	1
119620-77820	4	57
119621-21680	8	8
119623-01250	1	11
119623-01550	2	5
119623-01950	2	41
	17	29
119623-11100	4	14
119623-22500	8	18
119623-22950	8	36
119624-01511	2	9
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