

0CV10-M94400EN

PREFACE

- 1.This Parts Catalog carries all parts incorporated in YANMAR Model 4TNV84T-GKM engine manufactured since March, 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	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729595-51390	FUEL INJECTION PUMP	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 $\xrightarrow{\text{Yes}}$ New $\xrightarrow{\text{No}}$ New	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\xrightarrow{\text{No}}$ New $\xrightarrow{\text{Yes}}$ New	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\xrightarrow{\text{Yes}}$ New $\xrightarrow{\text{Yes}}$ New	New/ Old Parts are both interchangeable.
S	Old $\xrightarrow{\text{No}}$ New $\xrightarrow{\text{No}}$ New	New/ Old Parts are both not interchangeable.
W		Part newly added.
Z		Part discontinued.
F		Not interchangeable by a single part but interchangeable together with related parts.
K		Changes only for used parts quantities.

④ Effective Machine No.

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

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

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

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

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

⑤ Remarks Mark

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

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

Contents

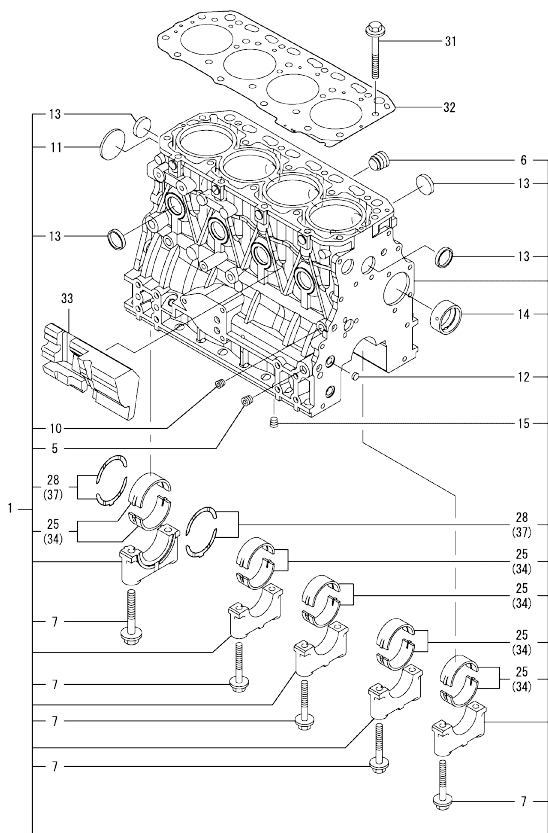
0CV10-M94400

Fig. No. Fig. Name
ENGINE SECTION (4TNV84T-GKM)

Fig. No. Fig. Name

- 1. CYLINDER BLOCK
- 2. GEAR HOUSING
- 3. MOUNTING FLANGE & OIL SUMP
- 4. CYLINDER HEAD & BONNET
- 5. SUCTION MANIFOLD
- 6. CAMSHAFT & DRIVING GEAR
- 7. TURBINE
- 8. CRANKSHAFT & PISTON
- 9. LUB.OIL SYSTEM
- 10. LUB.OIL LINE
- 11. COOLING SEA WATER SYSTEM
- 12. COOLING FRESH WATER SYSTEM
- 13. COOLING FRESH WATER COOLER
- 14. FUEL INJECTION PUMP
- 15. FUEL INJECTION VALVE
- 16. FUEL LINE
- 17. STARTING MOTOR
- 18. GENERATOR
- 19. GASKET SET

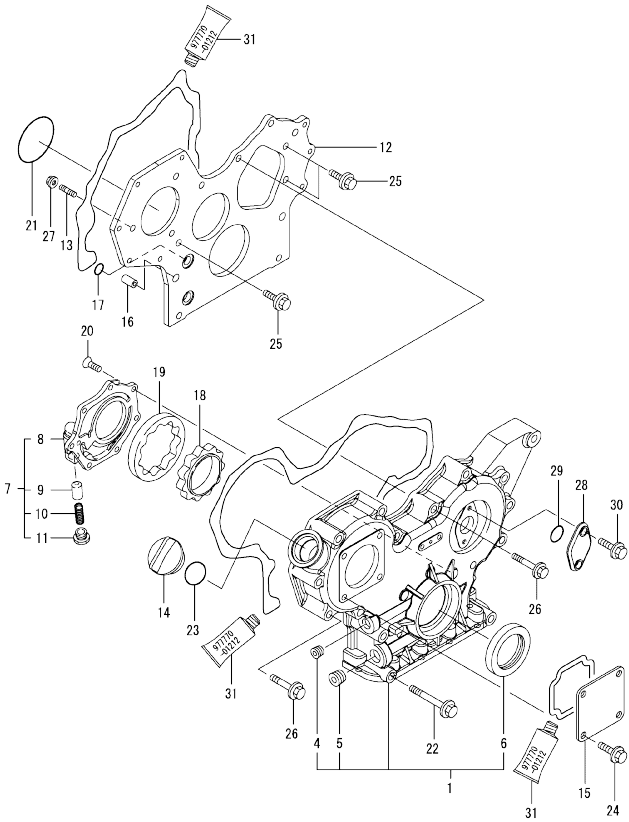
Fig.1. CYLINDER BLOCK



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729508-01560	BLOCK ASSY, CYLINDER	1							
5	2	124160-01910	PLUG, PT1/4	2							
6	2	171051-01921	PLUG, NPTF1	1							
7	2	129150-02020	BOLT, METAL CAP	10							
10	2	124060-01050	PLUG, PT1/8	1							
11	2	129001-01250	PLUG, 50	1							
12	2	27241-120000	PLUG, 12	2							
13	2	27241-300000	PLUG 30	8							
14	2	129795-02411	BUSH, CAMSHAFT	1							
15	2	124160-01910	PLUG, PT1/4	1							
25	2	129001-02930	BEARING, MAIN	5							3
28	2	129150-02930	BEARING, THRUST	2							
31	1	129150-01200	BOLT, HEAD	18							
32	1	129508-01330	GASKET, HEAD	1							
33	1	129004-01190	SPACER	1							
34	1	129150-02870	BEARING, 0.25 US	5							1
37	1	129150-02940	BEARING, THRUST 0.25	1							2

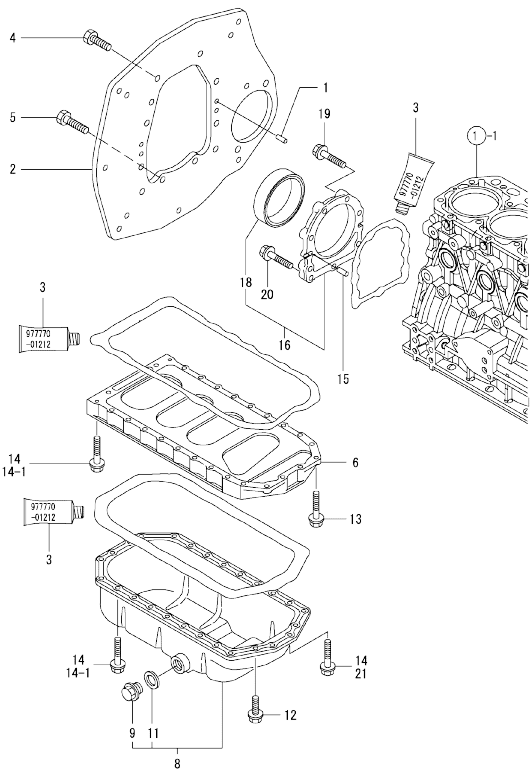
Fig.2. GEAR HOUSING



Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729508-01500	CASE ASSY, GEAR	1							
4	2	23876-030000	PLUG, R03	1							
5	2	23876-040000	PLUG, R04	1							
6	2	129795-01800	SEAL, OIL	1							
7	1	119802-32100	COVER ASSY	1							
8	2	119802-32070	COVER	1							
9	2	129900-32130	VALVE, RELIEF	1							
10	2	129418-32320	SPRING	1							
11	2	129001-32330	PLUG	1							
12	1	119802-01520	FLANGE, GEAR CASE	1							
13	1	119802-01560	STUD, M8X25	3							
14	1	124160-01751	COVER, FILLER	1							
15	1	124240-01871	COVER	1							
16	1	129795-01950	PIPE, KNOCK L=18	2							
17	1	119609-32040	O-RING, P16	4							
18	1	129508-32111	ROTOR, INNER	1							
19	1	129508-32120	ROTOR, OUTER	1							
20	1	119802-32130	SCREW, M6X16	7							
21	1	121850-51960	O-RING	1							
22	1	129001-91841	BOLT, M8X85	3							
23	1	24311-000320	O-RING, 1AP32.0	1							
24	1	26106-080162	BOLT, M8X 16 PLATED	4							
25	1	26106-080162	BOLT, M8X 16 PLATED	3							
26	1	26106-080552	BOLT, M8X 55 PLATED	12							
27	1	26306-080002	NUT, M8	3							
28	1	121023-01550	COVER	1							
29	1	24341-000240	O-RING, 1AS24.0	1							
30	1	26106-060162	BOLT, M6X 16 PLATED	2							
31	1	977770-01212	GASKET, LIQUID	1							1

Fig.3. MOUNTING FLANGE & OIL SUMP



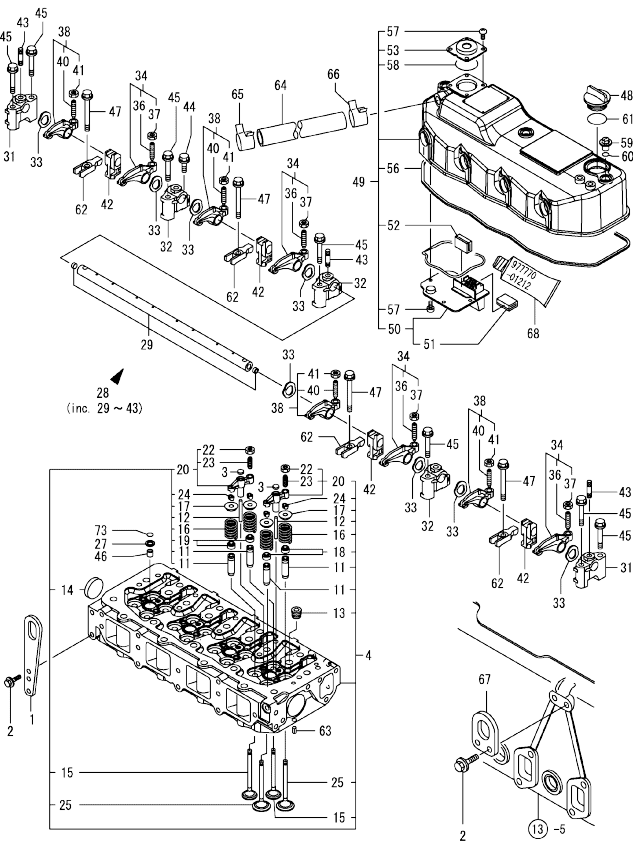
Remarks
(1) OPTIONAL PART.

(A)=4TNV84T-GKM
(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	129176-01601	FLANGE, MOUNTING	1							
3	1	977770-01212	GASKET, LIQUID	1							1
4	1	26206-100202	BOLT, M10X 20 PLATED	6							
5	1	26206-100252	BOLT, M10X 25 PLATED	4							
6	1	129400-01730	SPACER, OIL SUMP	1							
8	1	729577-01720	SUMP ASSY, OIL	1							
9	2	119640-01640	PLUG, DRAIN M22	1							
11	2	22190-220002	WASHER, SEAL 22	1							
12	1	26106-080162	BOLT, M8X 16 PLATED	4							
13	1	26106-080252	BOLT, M8X 25 PLATED	2							
14	1	26106-080452	BOLT, M8X 45 PLATED	24							
14-1	1	26106-080452	BOLT, M8X 45 PLATED	20							K
(A=FROM 1ST)											
15	1	129100-01580	PIN, M8X16	2							
16	1	129100-01640	CASE ASSY, OIL SEAL	1							
18	2	129795-01780	SEAL, OIL	1							
19	1	129486-01670	BOLT, M8X30	6							
20	1	26106-080352	BOLT, M8X 35 PLATED	3							
21	1	26106-080502	BOLT, M8X 50 PLATED	4							W
(A=FROM 1ST)											

Fig.4. CYLINDER HEAD & BONNET



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

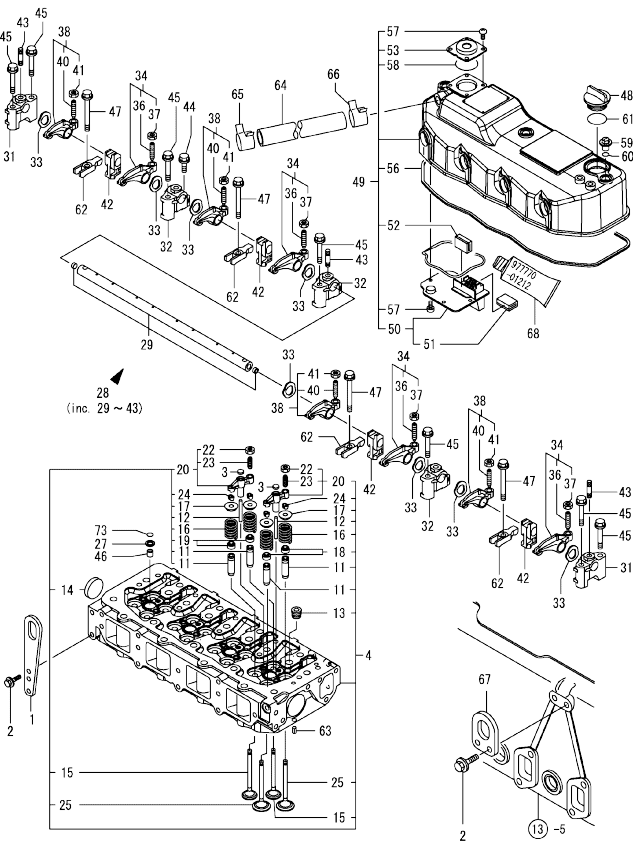
(A)=4TNV84T-GKM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129900-07900	LIFTER	1							
2	1	26106-080162	BOLT, M8X 16 PLATED	4							
3	1	129508-11840	SEAT, VALVE BRIDGE	8							
4	1	129508-11700	HEAD ASSY, CYLINDER	1							
11	2	119717-11800	GUIDE, VALVE	16							1
12	2	129508-11820	GUIDE	8							
13	2	23876-020000	PLUG, R02	4							
14	2	27241-400000	PLUG, 40	2							
15	2	129508-11110	VALVE, EXHAUST	8							
16	2	129508-11130	SPRING, VALVE	16							
17	2	129508-11180	RETAINER, SPRING	16							
18	2	119717-11340	SEAL, VALVE STEM	8							
19	2	119717-11350	SEAL, VALVE STEM	8							
20	2	129508-11800	BRIDGE ASSY, VALVE	8							
22	3	129150-11750	NUT, M8	8							
23	3	123907-11830	ADJUSTER	8							
24	2	119717-11190	COTTER	32							
25	2	129508-11100	VALVE, INTAKE	8							
27	1	119625-11880	SEAT, NOZZLE	4							
28	1	129508-11241	SHAFT ASSY, ROCKER	1							
29	2	129508-11250	SHAFT, ROCKER ARM	1							
31	2	129508-11260	SUPPORT, ROCKER ARM	2							
32	2	129508-11270	SUPPORT, ROCKER ARM	3							
33	2	129508-11280	WASHER	8							
34	2	129508-11650	ARM, ROCKER	4							
36	3	129150-11230	SCREW, VALVE ADJUST	4							
37	3	129150-11750	NUT, M8	4							
38	2	129508-11660	ARM, ROCKER	4							
40	3	129150-11230	SCREW, VALVE ADJUST	4							
41	3	129150-11750	NUT, M8	4							
42	2	129508-11920	RETAINER	4							
43	2	26226-080352	STUD, M8X 35	3							
44	1	26106-080252	BOLT, M8X 25 PLATED	3							
45	1	26106-080502	BOLT, M8X 50 PLATED	7							
46	1	119802-11870	PROTECTOR, NOZZLE	4							
47	1	129907-11950	BOLT, M8X75	4							
48	1	124160-01751	COVER, FILLER	1							
49	1	129508-11350	BONNET ASSY, HEAD	1							
50	2	129508-03010	PLATE	1							
51	3	119802-03070	BAFFLE, BREATHER	1							
52	2	129150-03070	BAFFLE, BREATHER	1							
53	2	129006-03120	COVER, DIAPHRAGM	1							
56	2	129508-11310	GASKET, BONNET	1							
57	2	22857-500100	SCREW, 5X10	8							
58	2	24341-000400	O-RING, 1AS40.0	1							
59	1	124160-11360	KNOB	3							
60	1	24311-000120	O-RING, 1AP12.0	3							
61	1	24311-000320	O-RING, 1AP32.0	1							
62	1	129508-11900	RETAINER, NOZZLE	4							
63	1	22351-060012	PIN, SPRING 6.0X12	2							
64	1	129171-03090	PIPE, BREATHER	1							

N:Old $\frac{100}{100}$ New, O: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
++ CONTINUE ++ Copyright (C) YANMAR GLOBAL CS CO., LTD. All Rights Reserved.

Fig.4. CYLINDER HEAD & BONNET



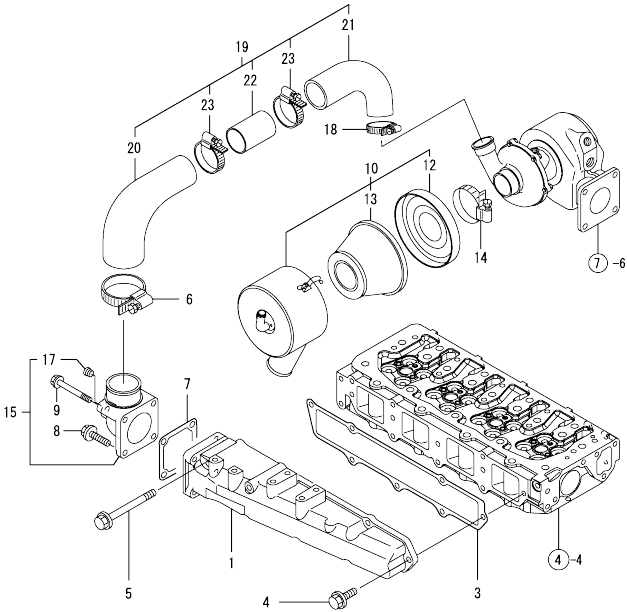
Remarks
(1) REPAIR PART.
(2) OPTIONAL PART.

(A)=4TNV84T-GKM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
65	1	129301-03660	CLAMP 16	1							
66	1	129960-03990	CLIP, HOSE 22	1							
67	1	129470-07230	LIFTER	1							
68	1	977770-01212	GASKET, LIQUID	1							2
73	1	24311-000120	O-RING, 1AP12.0	4							

Fig.5. SUCTION MANIFOLD



(A)=4TNV84T-GKM
(B)=
(C)=

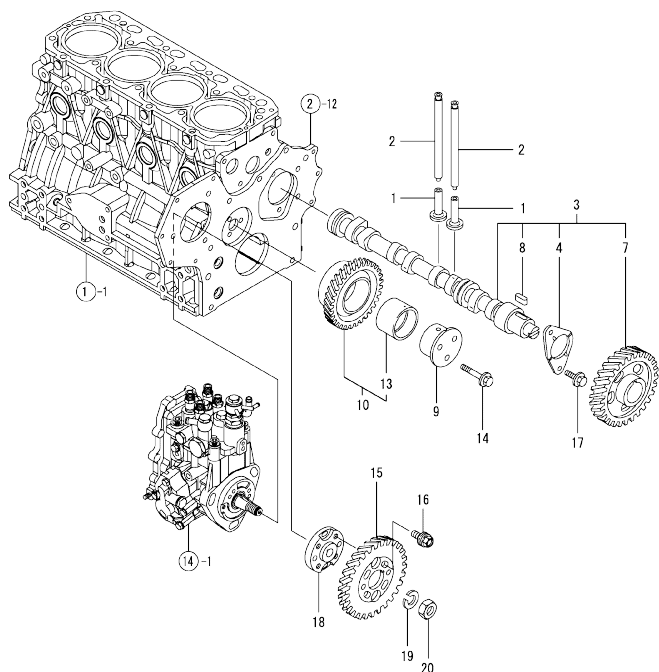
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129508-12100	MANIFOLD, AIR INTAKE	1							
3	1	129508-12110	GASKET, MANIFOLD	1							
4	1	26106-080202	BOLT, M8X 20 PLATED	5							
5	1	26106-080802	BOLT, M8X 80 PLATED	2							
6	1	23000-060000	CLAMP, 60	1							
7	1	129150-77511	GASKET	1							
8	1	26106-080202	BOLT, M8X 20 PLATED	2							
9	1	26106-080652	BOLT, M8X 65 PLATED	2							
10	1	129477-12500	SILENCER ASSY	1							
12	2	129477-12530	PLATE	1							
13	2	124770-12540	ELEMENT	1							
14	1	23000-048000	CLAMP, 48	1							
15	1	129649-12210	JOINT ASSY	1							
17	2	23876-010000	PLUG, R01	1							
18	1	23000-048000	CLAMP, 48	1							
19	1	129649-12850	HOSE ASSY, INTAKE	1							
20	2	129649-12810	PIPE, AIR INTAKE	1							
21	2	129649-12820	PIPE, AIR INTAKE	1							
22	2	129649-12830	JOINT	1							
23	2	23000-054000	CLAMP, 54	2							

Fig.6. CAMSHAFT & DRIVING GEAR

(D)=
(E)=

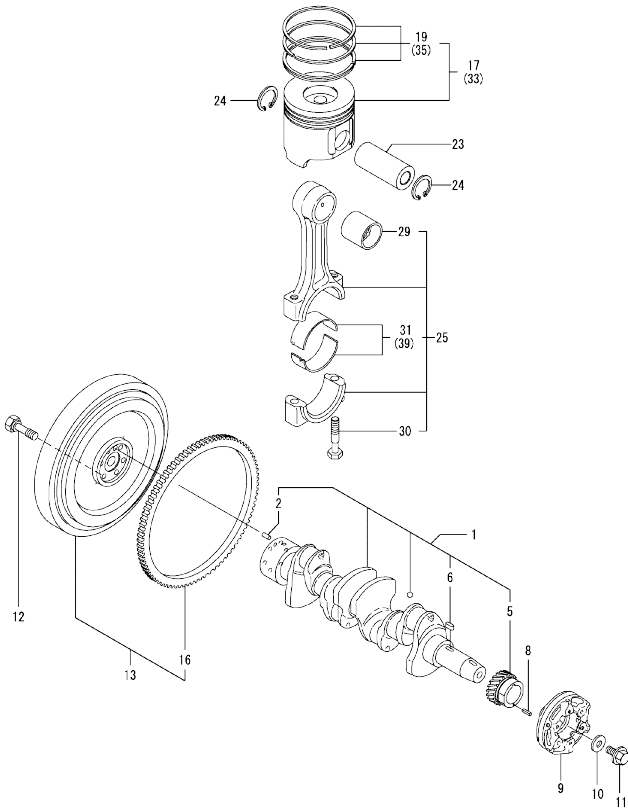
(D)=
(E)=
(F)=

[illegible]

(1) REPAIR PART.

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:Qty Change

Fig.8. CRANKSHAFT & PISTON



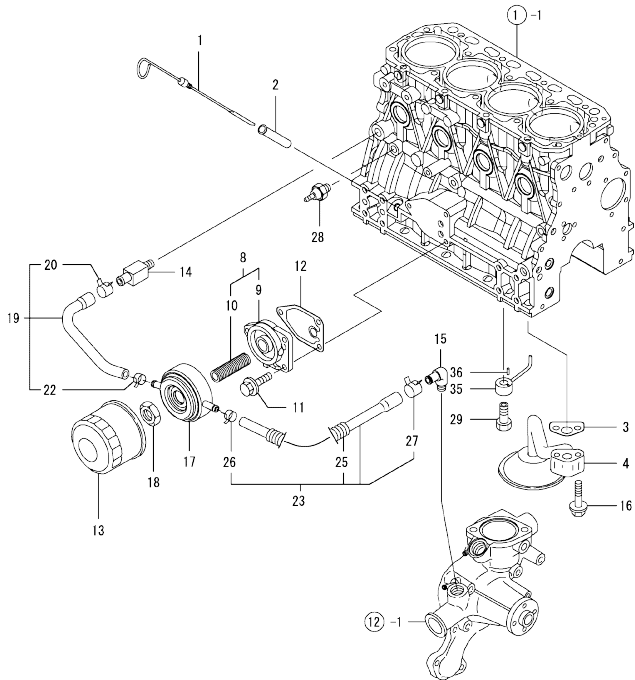
Remarks
(1) REPAIR PART.
(2) OVER-SIZE(O.S=0.25)PART.
(3) UNDER-SIZE(U.S=0.25)PART.

(A)=4TNV84T-GKM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129508-21001	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
5	2	119802-21201	GEAR, CRANKSHAFT	1							
6	2	22512-070140	KEY, 7X 14	1							
8	1	22351-030010	PIN, SPRING 3.0X10	1							
9	1	129579-21651	V-PULLEY	1							
10	1	129795-21661	WASHER	1							
11	1	121850-21680	BOLT	1							
12	1	121111-21501	BOLT, FLYWHEEL	6							
13	1	129489-21570	FLYWHEEL ASSY	1							
16	2	124550-21600	GEAR, RING	1							
17	1	129508-22080	PISTON ASSY	4							
19	2	129004-22500	RING SET, PISTON	4							
23	1	129202-22300	PIN, PISTON D26 L70	4							
24	1	22252-000260	RING, 26	8							
25	1	729402-23100	ROD ASSY, CONNECTING	4							
29	2	129100-23910	BEARING, PISTON PIN	4							1
30	2	121550-23200	BOLT, CONNECTING ROD	8							
31	2	129150-23600	BEARING, CRANK PIN	4							
33	1	129508-22900	PISTON ASSY, 0.25 OS	4							2
35	2	129004-22950	RING SET, 0.25 OS	4							2
39	1	129150-23610	BEARING, 0.25 US	4							3

Fig.9. LUB.OIL SYSTEM

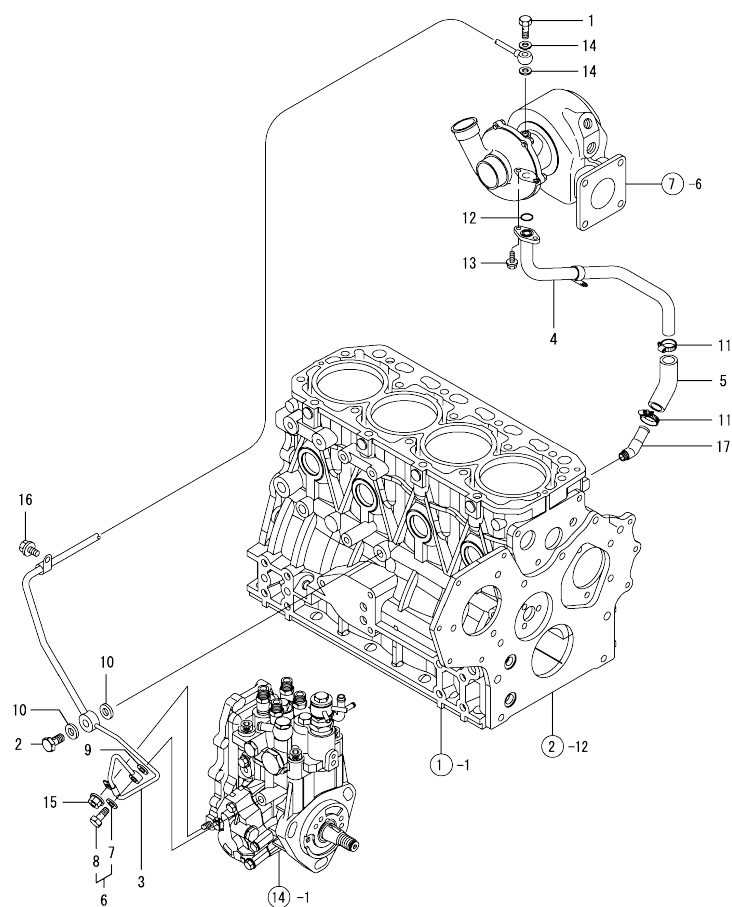


Remarks
(1) REPAIR PART.

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(B)=
(C)=

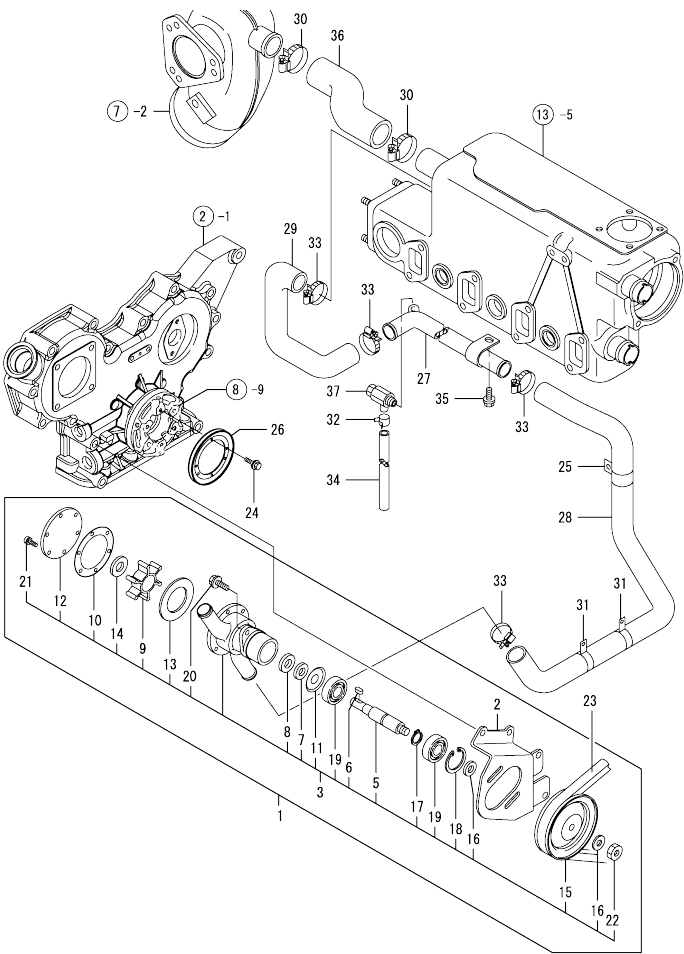
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129005-34801	DIPSTICK, OIL	1							
2	1	121520-34810	GUIDE, DIPSTICK	1							
3	1	129150-35041	GASKET	1							
4	1	129150-35091	PIPE ASSY, OIL INLET	1							
8	1	129006-35100	BRACKET ASSY, FILTER	1							
9	2	119802-35110	BRACKET, FILTER	1							
10	2	129417-35150	STUD, L=67	1							
11	1	26106-080202	BOLT, M8X 20 PLATED	3							
12	1	129150-35111	GASKET	1							
13	1	129150-35170	FILTER,LO	1							1
14	1	129006-44480	JOINT	1							
15	1	129103-49301	ELBOW, PT1/4	1							
16	1	26106-080352	BOLT, M8X 35 PLATED	2							
17	1	129508-33010	COOLER ASSY, OIL	1							
18	1	129417-33110	NUT	1							
19	1	129508-49030	PIPE ASSY, WATER	1							
20	2	171008-03990	CLIP, HOSE 18.5	1							
22	2	23080-015000	CLAMP, 15	1							
23	1	129508-49040	PIPE ASSY, WATER	1							
25	2	119940-59130	TUBE, CORRUGATED	1							
26	2	23080-015000	CLAMP, 15	1							
27	2	23080-018000	CLAMP, 18	1							
28	1	114250-39450	SWITCH, 0.5KG	1							
29	1	129792-39410	VALVE ASSY, CHECK	4							
35	1	129553-39650	NOZZLE	4							
36	1	22351-030010	PIN, SPRING 3.0X10	4							



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	105010-39140	BOLT, PIPE JOINT	1							
2	1	124160-39140	BOLT, PIPE JOINT M10	1							
3	1	129649-39450	PIPE ASSY, OIL	1							
4	1	129577-39611	PIPE, OIL	1							
5	1	129403-39610	JOINT, RUBBER	1							
6	1	129005-59830	BOLT ASSY, JOINT M8	1							
7	2	22190-080002	WASHER, SEAL 6	1							
8	2	23857-030000	BOLT, JOINT 3	1							
9	1	22190-080002	WASHER, SEAL 6	1							
10	1	22190-100002	WASHER, SEAL 10	2							
11	1	23000-022000	CLAMP, 22	1							
12	1	24314-000160	O-RING, 4CP16.0	1							
13	1	26106-060162	BOLT, M6X 16 PLATED	2							
14	1	23414-080000	GASKET, 8X1.0	2							
15	1	26366-060002	NUT, M6	1							
16	1	26106-080122	BOLT, M8X 12 PLATED	1							
17	1	128270-13620	JOINT, PIPE PT3/8	1							

Fig.11. COOLING SEA WATER SYSTEM

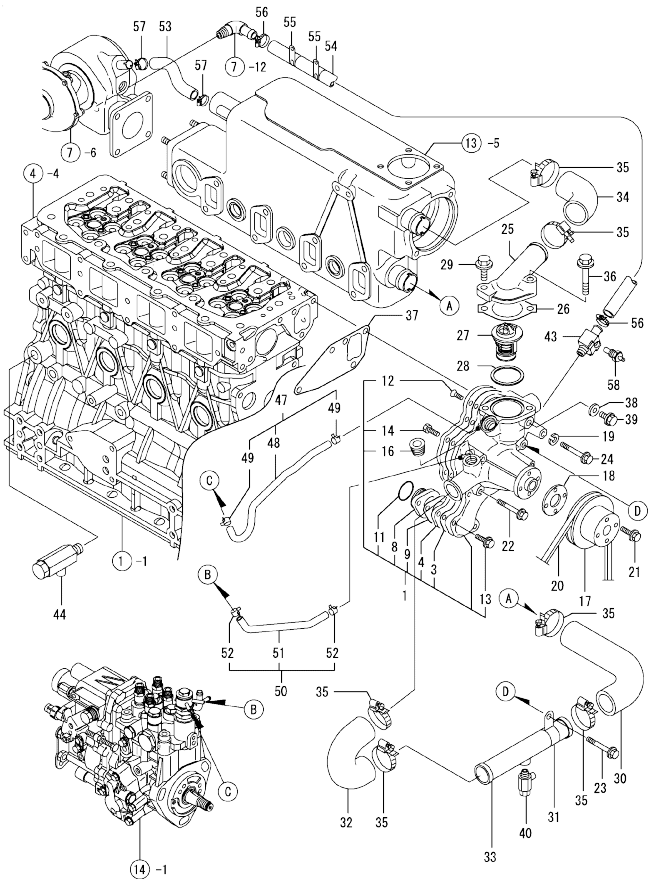


(A)=4TNV84T-GKM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129647-42500	PUMP ASSY, WATER	1							
2	2	129647-42150	BRACKET, PUMP	1							
3	2	129579-42501	PUMP ASSY, WATER	1							
5	3	121575-42021	SHAFT, IMPELLER	1							
6	3	124223-42040	KEY	1							
7	3	124223-42070	PIECE	1							
8	3	124223-42080	SEAL, TC13X28X7	1							
9	3	124223-42091	IMPELLER	1							
10	3	124223-42110	GASKET, WATER PUMP	1							
11	3	121575-42120	COVER, BEARING	1							
12	3	121575-42150	COVER	1							
13	3	129579-42160	PLATE	1							
14	3	129579-42190	COVER	1							
15	3	124070-42400	V-PULLEY	1							
16	3	124070-42420	WASHER	2							
17	3	22242-000150	RING, 15	1							
18	3	22252-000350	RING, 35	1							
19	3	24107-062024	BEARING, BALL 6202ZZ	2							
20	3	26014-080162	BOLT, M8X 16	2							
21	3	26113-040088	BOLT, M4X 8	6							
22	3	129579-42590	NUT, M8	1							
23	1	104214-42780	V-BELT, HM30	1							
24	1	26106-060082	BOLT, M6X 8 PLATED	4							
25	1	127610-03270	RETAINER	1							
26	1	104407-21600	V-PULLEY	1							
27	1	129611-49010	PIPE, WATER	1							
28	1	171487-49010	PIPE, WATER	1							
29	1	129475-49020	PIPE, WATER	1							
30	1	23000-035000	CLAMP, 35	2							
31	1	129579-49460	RETAINER, D32	2							
32	1	124460-77680	RETAINER	2							
33	1	23000-035000	CLAMP, 35	4							
34	1	23061-070300	PIPE, 7X 300	2							
35	1	26106-080162	BOLT, M8X 16 PLATED	1							
36	1	129472-49040	PIPE, WATER	1							
37	1	129670-49290	COCK ASSY, R1/8	1							

Fig.12. COOLING FRESH WATER SYSTEM



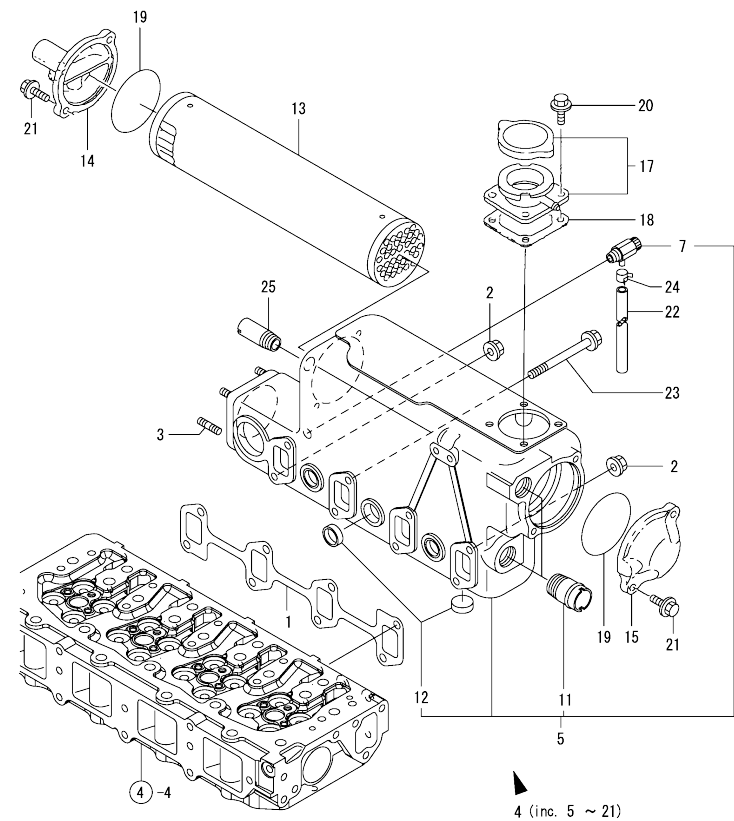
Remarks
(M) MISPRINT.

(A)=4TNV84T-GKM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129247-42000	PUMP ASSY, WATER	1							
3	2	129150-42059	GASKET	1							
4	2	129150-42129	PLATE, PUMP	1							
8	2	129150-42300	FLANGE	1							
9	2	129150-42319	GASKET, FLANGE	1							
11	2	129054-42320	O-RING	1							
12	2	26577-060152	SCREW, M6X15	3							
13	2	26106-060202	BOLT, M6X 20 PLATED	2							
14	2	26116-060162	BOLT, M6X 16 PLATED	3							
16	2	129916-49740	PLUG, R3/8	2							
17	1	129550-42350	V-PULLEY, PUMP	1							
18	1	129156-44760	WASHER, FAN	1							
19	1	22217-080000	WASHER, SPRING 8	1							
20	1	25132-004400	V-BELT, A44	1							Z
(A=E01585)											
21	1	26106-060102	BOLT, M6X 10 PLATED	4							
22	1	26106-080552	BOLT, M8X 55 PLATED	2							
23	1	26106-080552	BOLT, M8X 55 PLATED	1							
24	1	26106-080652	BOLT, M8X 65 PLATED	1							
25	1	129470-49540	COVER, THERMOSTAT	1							
26	1	129795-49551	GASKET, COVER	1							
27	1	129457-49801	THERMOSTAT, 82C	1							
28	1	129470-49810	GASKET, THERMOSTAT	1							
29	1	26106-080252	BOLT, M8X 25 PLATED	1							
30	1	129470-49200	JOINT, RUBBER	1							
31	1	129470-49220	RETAINER	1							
32	1	129470-49240	JOINT, RUBBER 28	1							
33	1	129470-49250	PIPE, FRESH WATER	1							
34	1	129470-49260	JOINT, COOLER INLET	1							
35	1	23000-041000	CLAMP, 41	6							
36	1	26106-080352	BOLT, M8X 35 PLATED	1							
37	1	129486-42050	GASKET, WATER PUMP	1							
38	1	23414-080000	GASKET, 8X1.0	1							
39	1	26106-080122	BOLT, M8X 12 PLATED	1							
40	1	129670-49290	COCK ASSY, R1/8	1							
43	1	129473-49310	JOINT, PT3/8-8	1							
44	1	119620-49290	COCK ASSY, 1/4	1							
47	1	129263-49610	HOSE ASSY, WATER A	1							
48	2	129263-49710	HOSE, WATER	1							
49	2	124722-59050	CLAMP, HOSE 9	2							
50	1	129263-49620	HOSE ASSY, WATER B	1							
51	2	129263-49720	HOSE, WATER	1							
52	2	124722-59050	CLAMP, HOSE 9	4							M
52-1	2	124722-59050	CLAMP, HOSE 9	2							
53	1	129579-49320	HOSE, FRESH WATER B	1							
54	1	127420-44560	PIPE, OVERFLOW L=740	1							
55	1	194440-51620	CLAMP, B	2							
56	1	23000-013000	CLAMP, 13	2							
57	1	23000-025000	CLAMP, 25	2							
58	1	127610-91350	SWITCH, TEMPERATURE	1							

Fig.13. COOLING FRESH WATER COOLER

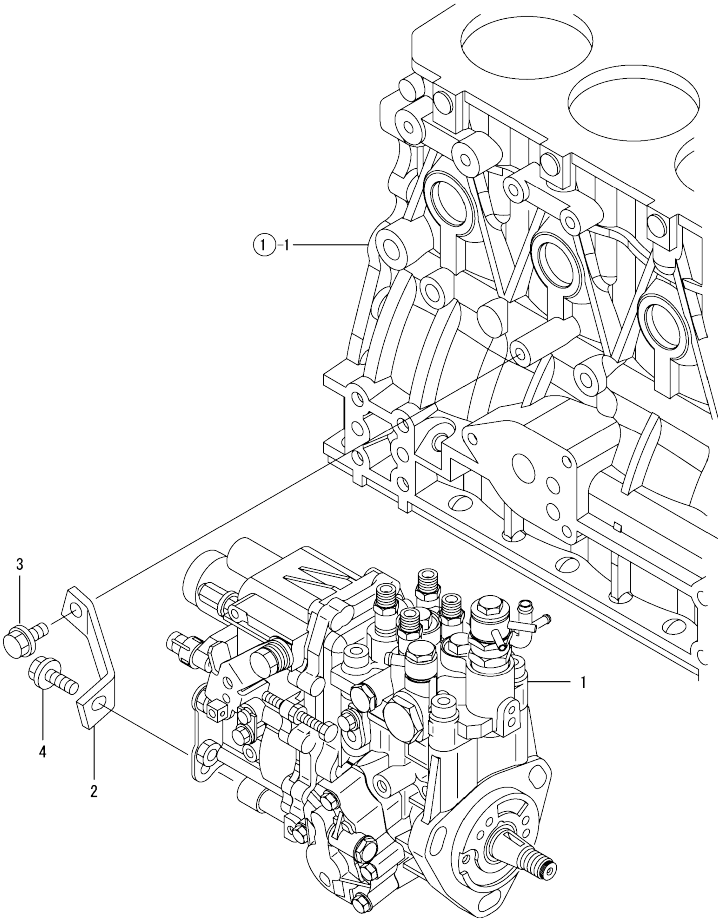


(A)=4TNV84T-GKM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129550-13110	GASKET	1							
2	1	26306-080002	NUT, M8	2							
3	1	128170-13600	STUD, M8X31	4							
4	1	129577-44900	COOLER ASSY, WATER	1							
5	2	171487-44000	CORE ASSY, COOLER	1							
7	3	43600-500310	COCK	1							
11	3	124160-49480	JOINT, PIPE	2							
12	3	27241-280000	PLUG, 28	4							
13	2	129473-44111	CORE ASSY, COOLER	1							
14	2	129470-44440	COVER, A	1							
15	2	129470-44450	COVER, B	1							
17	2	129171-44600	FILLER ASSY	1							
18	2	120445-44640	GASKET	1							
19	2	24321-000750	O-RING, 1AG75.0	2							
20	2	26106-080162	BOLT, M8X 16 PLATED	4							
21	2	26106-080252	BOLT, M8X 25 PLATED	4							
22	1	23061-120300	PIPE, 12X 300	1							
23	1	26106-081002	BOLT, M8X100 PLATED	6							
24	1	23080-013000	CLAMP, 13	1							
25	1	104407-44480	JOINT	1							

Fig.14. FUEL INJECTION PUMP

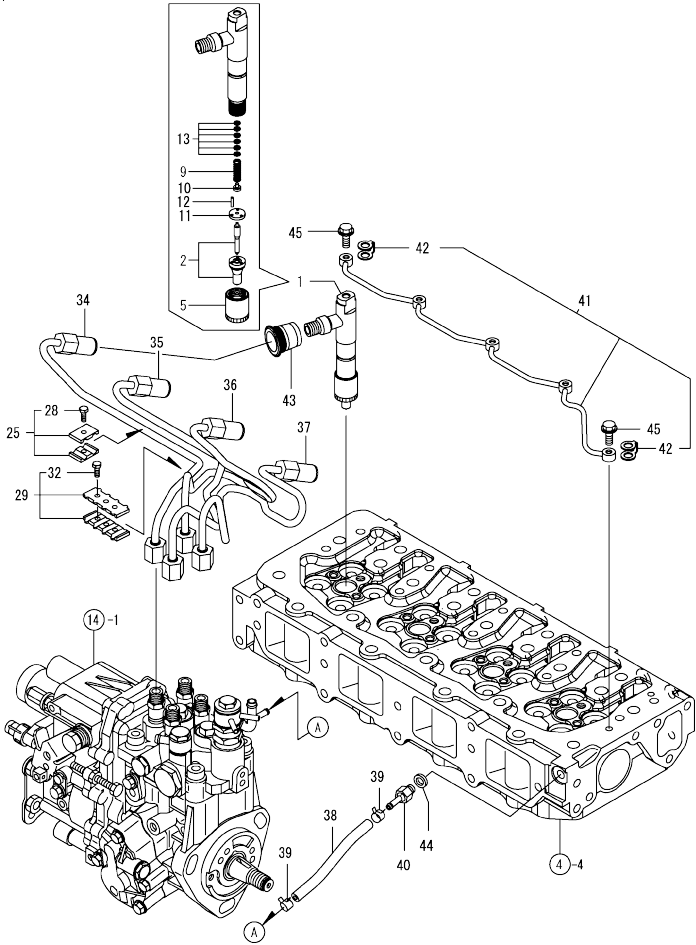


(A)=4TNV84T-GKM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729649-51390	PUMP ASSY, INJECTION	1							
2	1	129601-51250	RETAINER, PUMP	1							
3	1	26106-080162	BOLT, M8X 16 PLATED	1							
4	1	26106-080202	BOLT, M8X 20 PLATED	1							

Fig.15. FUEL INJECTION VALVE

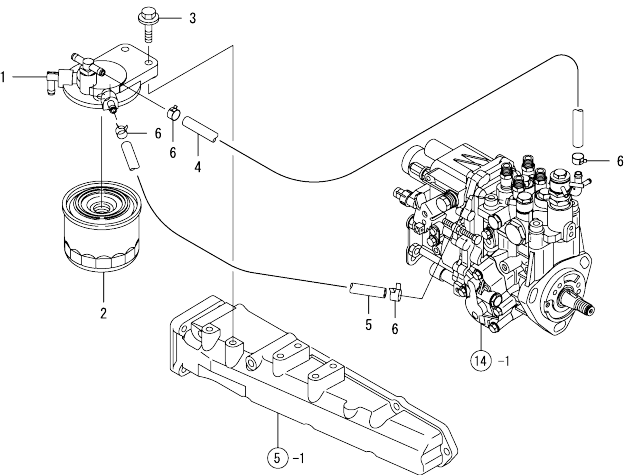


(A)=4TNV84T-GKM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729649-53100	VALVE ASSY,INJECTION	4							
2	2	129649-53000	VALVE ASSY,INJECTION	4							
5	2	114250-53080	NUT, NOZZLE D16.95	4							
9	2	114250-53120	SPRING, NOZZLE	4							
10	2	114250-53130	SEAT, SPRING	4							
11	2	114250-53140	PLATE	4							
12	2	114250-53210	PIN	8							
13	2	114250-53400	SHIM SET	4							
25	1	119305-59120	RETAINER, PIPE	2							
28	2	129150-59131	BOLT, M4X14	2							
29	1	129550-59120	RETAINER, PIPE	1							
32	2	129150-59131	BOLT, M4X14	2							
34	1	129508-59910	PIPE ASSY, INJECTION	1							
35	1	129508-59920	PIPE ASSY, INJECTION	1							
36	1	129508-59930	PIPE ASSY, INJECTION	1							
37	1	129508-59940	PIPE ASSY, INJECTION	1							
38	1	129649-59510	PIPE, FUEL	1							
39	1	23000-013000	CLAMP, 13	2							
40	1	123907-59560	JOINT	1							
41	1	129508-59550	PIPE ASSY, RETURN	1							
42	2	123907-59550	GASKET	5							
43	1	123907-11601	SEAL	4							
44	1	22190-080002	WASHER, SEAL 6	1							
45	1	123907-59540	BOLT, PIPE JOINT M6	5							

Fig.16. FUEL LINE

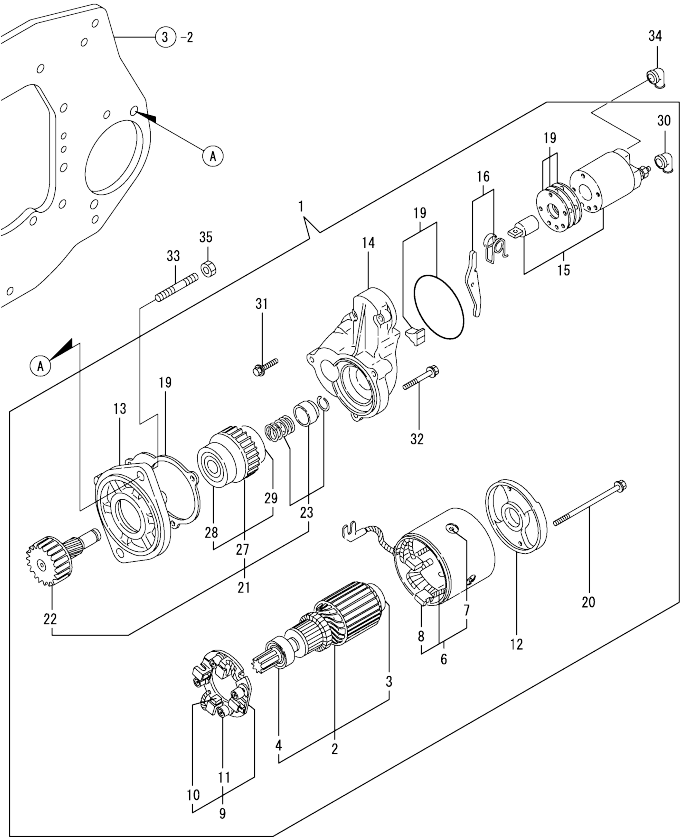


(A)=4TNV84T-GKM
(B)=
(C)=

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

No.	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, M8X 30 PLATED	2							
4	1	129649-59010	PIPE, FUEL RETURN	1							
5	1	128370-59102	PIPE, FUEL	1							
6	1	23000-016000	CLAMP, 16	4							

Fig.17. STARTING MOTOR

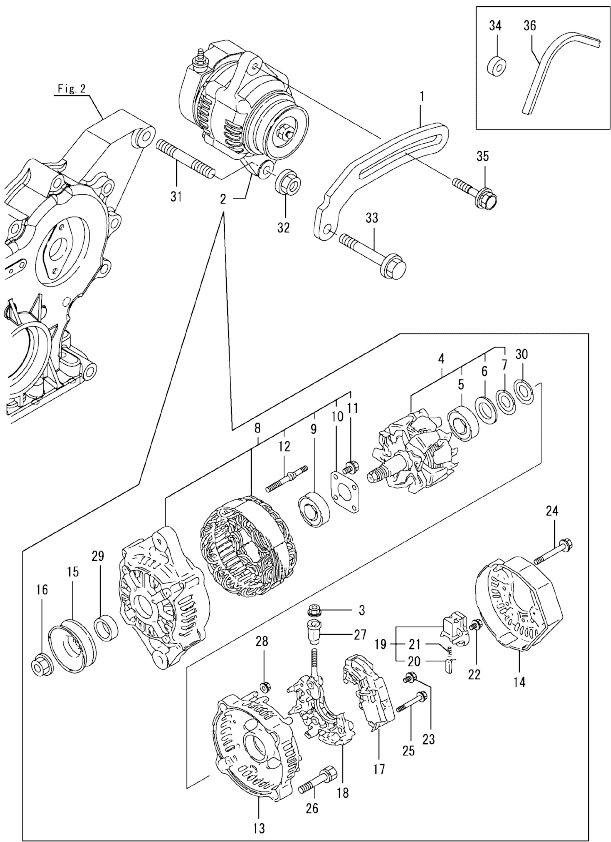


(A)=4TNV84T-GKM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171008-77010	STARTER, S114-483	1							
2	2	171008-77400	ARMATURE ASSY	1							
3	3	X2130350900	BEARING, BALL	1							
4	3	X2114255110	BEARING, BALL	1							
6	3	171008-77440	COIL ASSY, FIELD	1							
7	4	171008-77450	SCREW	4							
8	4	171008-77460	BRUSH (+)	2							
9	2	171008-77470	HOLDER ASSY, BRUSH	1							
10	3	171008-77480	BRUSH (-)	2							
11	3	171008-77490	SPRING, BRUSH	4							
12	2	171008-77500	COVER, REAR	1							
13	2	171008-77510	CASE, GEAR	1							
14	2	171008-77520	HOUSING, CENTER	1							
15	2	171008-77531	MAGNETIC SWITCH ASSY	1							
16	2	171008-77540	LEVER SET	1							
19	2	171008-77571	COVER KIT, DUST	1							
20	2	171008-77640	BOLT, THROUGH	2							
21	2	171008-77650	PINION ASSY	1							
22	3	171008-77660	SHAFT	1							
23	3	171008-77670	STOPPER SET	1							
27	3	X2114555500	CLUTCH ASSY	1							
28	4	X2114955020	BEARING, BALL	1							
29	4	X2240410100	BEARING, BALL	1							
30	2	171008-77750	COVER	1							
31	2	26106-060322	BOLT, M6X 32 PLATED	2							
32	2	26106-060402	BOLT, M6X 40 PLATED	3							
33	1	124450-01610	STUD	2							
34	1	124550-77030	COVER, TERMINAL	1							
35	1	26716-120002	NUT, M12	2							

Fig.18. GENERATOR



Remarks
(1)Loose parts.

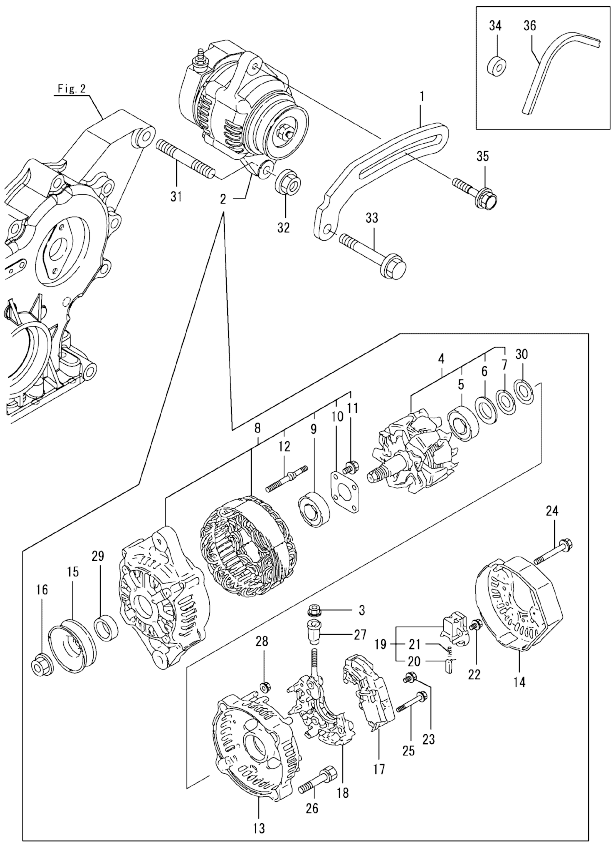
(A)=4TNV84T-GKM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119940-77330	ADJUSTER, BELT	1							
1-1	1	119802-77330 (A=E011583)	ADJUSTER, BELT	1						N	
1-2	1	129410-77330 (A=E01585)	ADJUSTER, BELT	1						N	
2	1	129423-77200	GENERATOR, 12V-40A	1						Z	
		(A=E01585)									
3	2	X9490561001 (A=E01585)	NUT	1						Z	
4	2	119620-77380 (A=E01585)	ROTOR ASSY	1						Z	
5	3	119620-79240 (A=E01585)	BEARING, BALL	1						Z	
6	3	119620-79250 (A=E01585)	COVER, BEARING	1						Z	
7	3	119620-79360 (A=E01585)	WASHER, THRUST	1						Z	
8	2	119620-77421 (A=E01585)	FRAME ASSY, DRIVE	1						Z	
9	3	119620-79200 (A=E01585)	BEARING, BALL	1						Z	
10	3	119620-79210 (A=E01585)	PLATE, RETAINER	1						Z	
11	3	119620-79220 (A=E01585)	SCREW	4						Z	
12	3	119620-79230 (A=E01585)	STUD	2						Z	
13	2	119620-77440 (A=E01585)	FRAME ASSY, REAR	1						Z	
14	2	129240-79300 (A=E01585)	COVER	1						Z	
15	2	119620-77461 (A=E01585)	PULLEY, GENERATOR	1						Z	
16	2	119620-77471 (A=E01585)	NUT	1						Z	
17	2	129423-77710 (A=E01585)	REGULATOR ASSY	1						Z	
18	2	119620-79260 (A=E01585)	HOLDER ASSY	1						Z	
19	2	119620-79270 (A=E01585)	HOLDER ASSY, BRUSH	1						Z	
20	3	119620-77480 (A=E01585)	BRUSH ASSY, SUB	2						Z	
21	3	119620-79280 (A=E01585)	SPRING	2						Z	
22	2	119620-79290 (A=E01585)	SCREW	1						Z	
23	2	119620-79300 (A=E01585)	SCREW	1						Z	
24	2	119620-79310 (A=E01585)	BOLT	3						Z	

N:Old $\frac{NBS}{100}$ New, Q:Old $\frac{HIS}{100}$ New, R:Old $\frac{HIS}{100}$ New, S:Old $\frac{HIS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Fig.18. GENERATOR



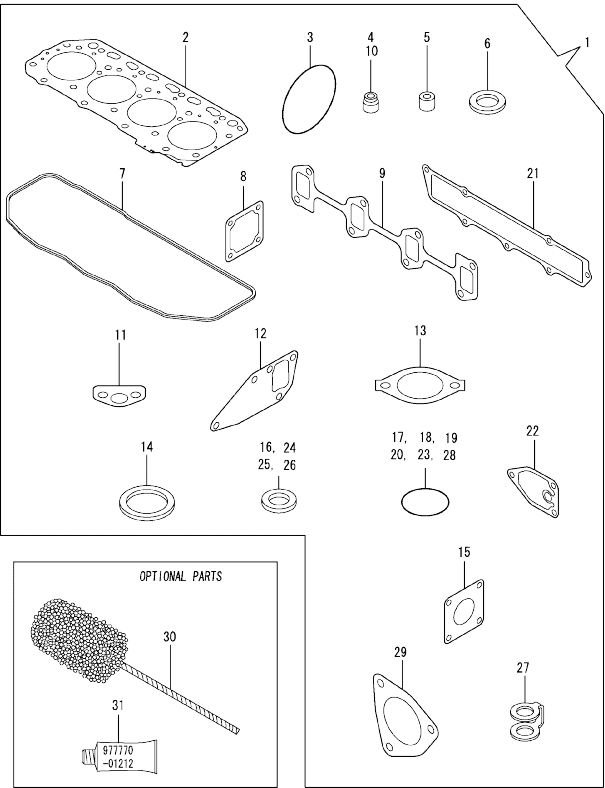
Remarks
(1)Loose parts.

(A)=4TNV84T-GKM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
25	2	119620-79320 (A=E01585)	SCREW, W/WASHER	2						Z	
26	2	119620-79330 (A=E01585)	BOLT	2						Z	
27	2	119620-79340 (A=E01585)	BUSH, INSULATION	1						Z	
28	2	119620-79350 (A=E01585)	NUT	2						Z	
29	2	119620-77490 (A=E01585)	COLLAR	1						Z	
30	2	119620-79360 (A=E01585)	WASHER, THRUST	1						Z	
31	1	129795-01900 (A=E01585)	BOLT, M10X33	1							
32	1	26306-100002 (A=E01585)	NUT, M10	1						Z	
33	1	26106-080452	BOLT, M8X 45 PLATED	1							
34	1	119940-77270	SPACER, GENERATOR	1							1
35	1	119802-77340	BOLT, ADJUSTER L=40	1						Z	
36	1	25132-004400 (A=E01585)	V-BELT, A44	1							W 1

Fig.19. GASKET SET



Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729508-92610	GASKET SET	1							1
2	2	129508-01330	GASKET, HEAD	1							
3	2	121850-51960	O-RING	1							
4	2	119717-11340	SEAL, VALVE STEM	8							
5	2	119802-11870	PROTECTOR, NOZZLE	4							
6	2	119625-11880	SEAT, NOZZLE	4							
7	2	129508-11310	GASKET, BONNET	1							
8	2	129150-77511	GASKET	1							
9	2	129550-13110	GASKET	1							
10	2	119717-11350	SEAL, VALVE STEM	8							
11	2	129150-35041	GASKET	1							
12	2	129486-42050	GASKET, WATER PUMP	1							
13	2	129795-49551	GASKET	1							
14	2	129470-49810	GASKET, THERMOSTAT	1							
15	2	129792-18091	GASKET	1							
16	2	22190-080002	WASHER, SEAL 6	3							
17	2	24311-000120	O-RING, 1AP12.0	3							
18	2	24311-000320	O-RING, 1AP32.0	2							
19	2	24341-000240	O-RING, 1AS24.0	1							
20	2	24314-000160	O-RING, 4CP16.0	1							
21	2	129508-12110	GASKET, MANIFOLD	1							
22	2	129150-35111	GASKET	1							
23	2	119609-32040	O-RING, P16	4							
24	2	22190-100002	WASHER, SEAL 10	2							
25	2	23414-080000	GASKET, 8X1.0	3							
26	2	22190-220002	WASHER, SEAL 22	1							
27	2	123907-59550	GASKET	5							
28	2	24341-000400	O-RING, 1AS40.0	1							
29	2	129472-13520	GASKET	1							
30	1	129400-92420	HONE	1							1
31	1	977770-01212	GASKET, LIQUID	1							1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
104214-42780	11	23
104407-21600	11	26
104407-44480	7	11
	13	25
105010-39140	10	1
114250-39450	9	28
114250-53080	15	5
114250-53120	15	9
114250-53130	15	10
114250-53140	15	11
114250-53210	15	12
114250-53400	15	13
119305-59120	15	25
119609-32040	2	17
	19	23
119620-49290	12	44
119620-77380	18	4
119620-77421	18	8
119620-77440	18	13
119620-77461	18	15
119620-77471	18	16
119620-77480	18	20
119620-77490	18	29
119620-79200	18	9
119620-79210	18	10
119620-79220	18	11
119620-79230	18	12
119620-79240	18	5
119620-79250	18	6
119620-79260	18	18
119620-79270	18	19
119620-79280	18	21
119620-79290	18	22
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119640-01640	3	9
119717-11190	4	24
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119717-11800	4	11

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129150-02870	1	34
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