

0CW10-M14800EN

PREFACE

1. This parts catalog is the 1st edition of 4TNV98T-GKL for Kohler Ltd.

Pub.No. : 000Y00W1480

Published : December,2006

2. Model name

Engine model	Vehicle		Vehicle made by
	Products	Model name	
4TNV98T-GKL	40kw Mobile Generator	40WORZD	Kohler 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 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	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.

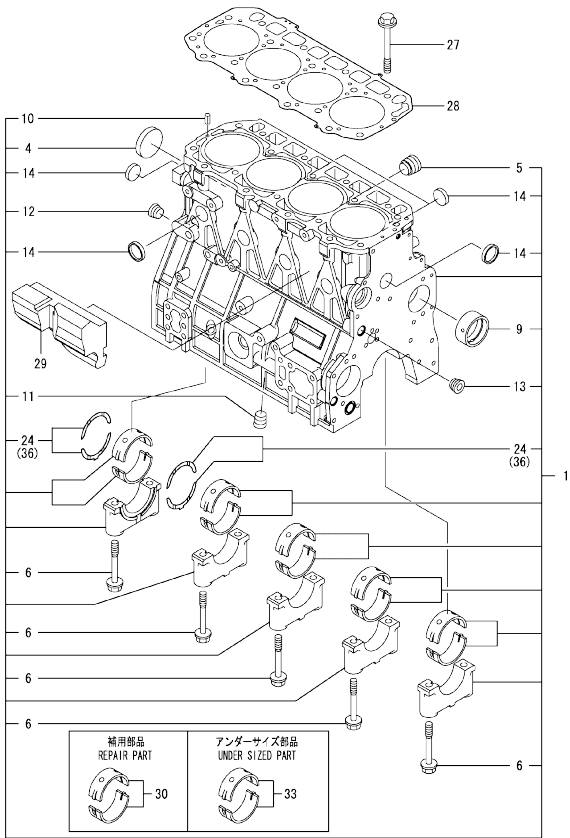
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

Contents

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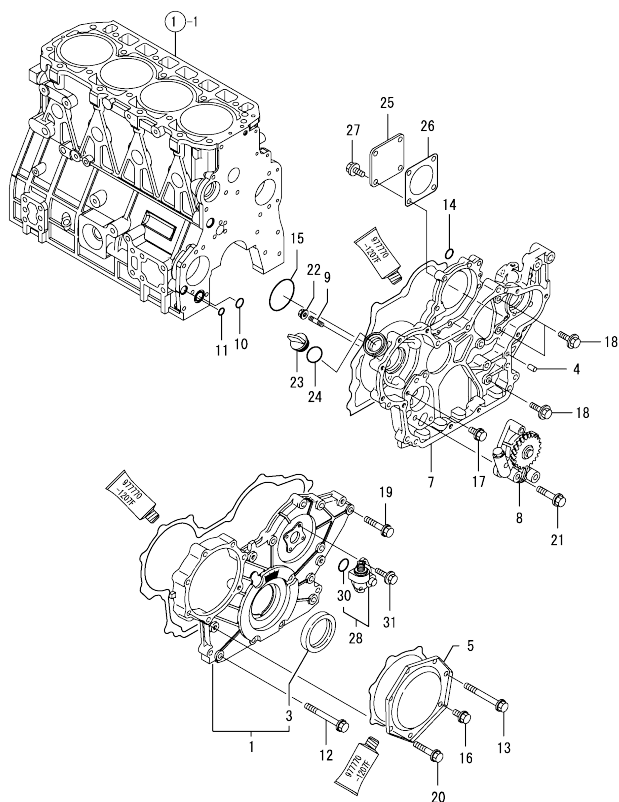
Fig. No.	Fig. Name	Fig. No.	Fig. Name
4TNV98T-GKL			
1.	CYLINDER BLOCK		
2.	GEAR HOUSING		
3.	FLYWHEEL HOUSING & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	SUCTION MANIFOLD		
6.	EXHAUST MANIFOLD		
7.	CAMSHAFT & DRIVING GEAR		
8.	TURBINE		
9.	CRANKSHAFT & PISTON		
10.	LUB.OIL SYSTEM		
11.	LUB.OIL LINE		
12.	COOLING WATER SYSTEM		
13.	FUEL INJECTION PUMP		
14.	GOVERNOR		
15.	FUEL INJECTION VALVE		
16.	FUEL LINE		
17.	STARTING MOTOR		
19.	(17A)STARTING MOTOR		
18.	GASKET SET		

Fig.1. CYLINDER BLOCK



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

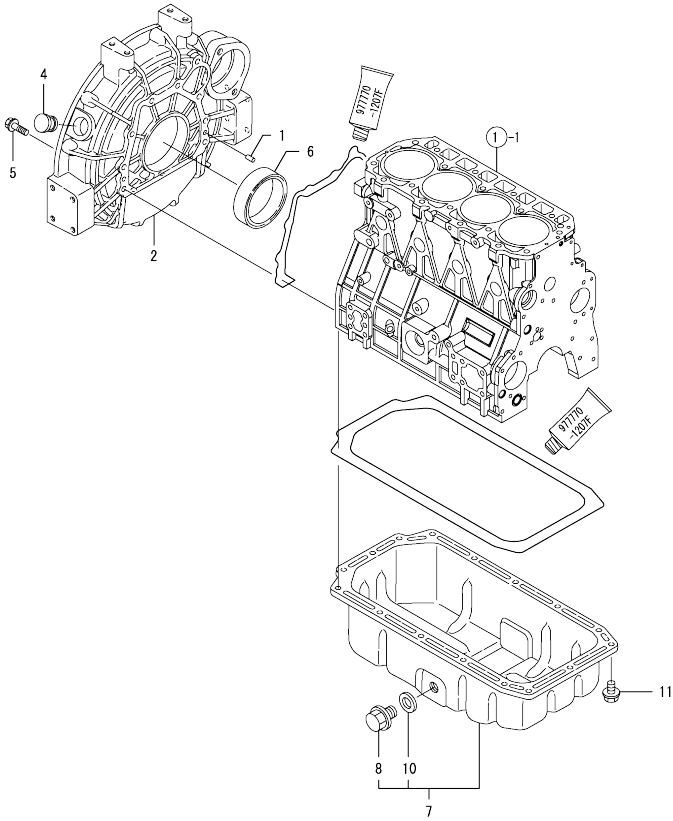
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729908-01560	BLOCK ASSY, CYLINDER	1							
4	2	129900-01250	PLUG, DISH TYPE 55	1							
5	2	171051-01921	PLUG, NPTF1	1							
6	2	129900-02020	BOLT, METAL CAP	10							
9	2	129900-02410	BUSH, CAMSHAFT	1							
10	2	22351-060012	PIN, SPRING 6.0X12	2							
11	2	23876-030000	PLUG, R03	1							
12	2	23876-030000	PLUG, R03	1							
13	2	23876-030000	PLUG, R03	1							
14	2	27241-300000	PLUG 30	8							
24	2	129900-02931	BEARING ASSY, THRUST	2							
27	1	129900-01200	BOLT, CYLINDER HEAD	18							
28	1	129907-01331	GASKET, HEAD	1							
29	1	129907-01190	SPACER	1							
30	1	729900-02801	BEARING, MAIN	5							1
33	1	129900-02341	BEARING ASSY, MAIN	5							2
36	1	129900-02941	BEARING, THRUST 0.25	2							3



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729907-01580	COVER ASSY,GEAR CASE	1							
3	2	129900-01780	SEAL, OIL	1							
4	1	129100-01580	PIN, PARALLEL 8X16	4							
5	1	129900-01740	COVER	1							
7	1	129908-01500	CASE, GEAR	1							
8	1	129908-32060	PUMP ASSY, OIL	1							
9	1	26216-100302	STUD, M10X 30	4							
10	1	129900-32030	O-RING, P20	1							
11	1	129900-32040	O-RING, P14	1							
12	1	129001-91810	BOLT, M8X70	6							
13	1	129001-91810	BOLT, M8X70	1							
14	1	24311-000070	O-RING, 1AP7.0	1							
15	1	24351-030750	O-RING, 1A3075	1							
16	1	26106-080162	BOLT, M8X 16 PLATED	1							
17	1	26106-080162	BOLT, M8X 16 PLATED	1							
18	1	26106-080202	BOLT, M8X 20 PLATED	3							
19	1	26106-080402	BOLT, M8X 40 PLATED	5							
20	1	26106-080402	BOLT, M8X 40 PLATED	5							
21	1	26106-080452	BOLT, M8X 45 PLATED	3							
22	1	26306-100002	NUT, M10	4							
23	1	124160-01751	CAP, FILLER	1							
24	1	24311-000320	O-RING, 1AP32.0	1							
25	1	124240-01871	COVER, PUMP	1							
26	1	124240-01883	GASKET	1							
27	1	26106-080162	BOLT, M8X 16 PLATED	4							
28	1	129150-91400	GEAR	1							
30	2	24341-000240	O-RING, 1AS24.0	1							
31	1	26106-060162	BOLT, M6X 16 PLATED	2							

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Fig.3. FLYWHEEL HOUSING & OIL SUMP



0CW10-M14800 Fig.3

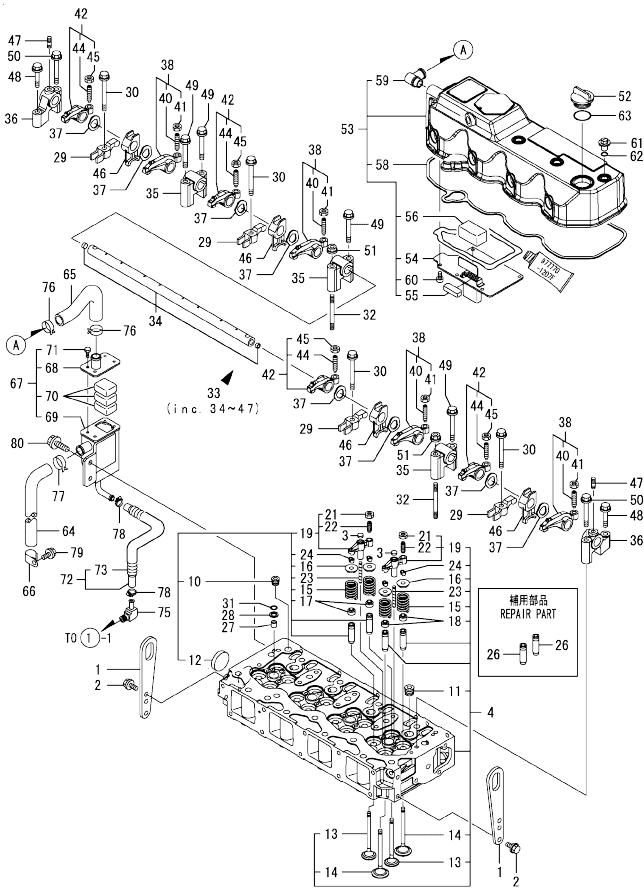
(A)=4TNV98T-GKL
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, PARALLEL 8X16	2							
2	1	129951-01620	HOUSING, FLYWHEEL	1							
4	1	119000-01840	PLUG, RUBBER	1							
5	1	26206-100352	BOLT, M10X 35 PLATED	9							
6	1	124411-01780	SEAL, HTC95X115X12	1							
7	1	129902-01710	OIL PAN ASSY	1							
8	2	119640-01640	PLUG, DRAIN M22	1							
10	2	22190-220002	WASHER, SEAL 22	1							
11	1	26106-080122	BOLT, M8X 12 PLATED	16							

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Fig.4. CYLINDER HEAD & BONNET



Remarks
(1) REPAIR PART.

0CW10-M14800 Fig.4

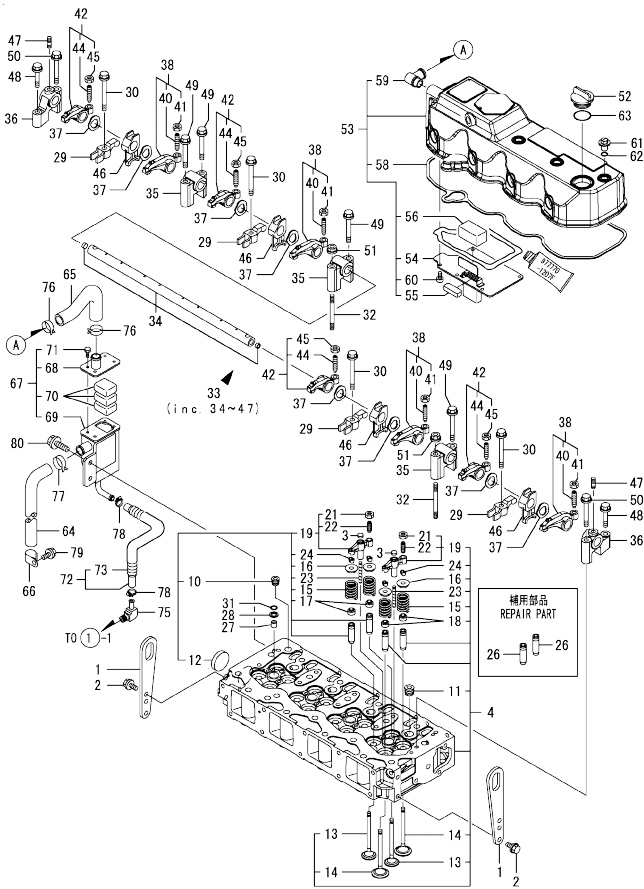
(A)=4TNV98T-GKL
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129907-07900	LIFTER, ENGINE	2							
2	1	26106-080162	BOLT, M8X 16 PLATED	4							
3	1	123907-11550	SEAT, VALVE BRIDGE	8							
4	1	129908-11700	HEAD ASSY, CYLINDER	1							
10	2	23876-020000	PLUG, R02	1							
11	2	23876-030000	PLUG, R03	4							
12	2	27241-400000	PLUG, 40	1							
13	2	129907-11100	VALVE, SUCTION	8							
14	2	129907-11110	VALVE, EXHAUST	8							
15	2	129907-11120	SPRING, VALVE	16							
16	2	119620-11180	RETAINER, SPRING	16							
17	2	119803-11340	SEAL, VALVE STEM	8							
18	2	124160-11340	SEAL, VALVE STEM	8							
19	2	129907-11510	BRIDGE ASSY, VALVE	8							
21	3	129150-11750	NUT, M8	8							
22	3	123907-11830	ADJUSTER	8							
23	2	123907-11820	GUIDE, BRIDGE	8							
24	2	27310-070001	COTTER, 7	16							
26	1	129907-11800	GUIDE, VALVE	16							1
27	1	119802-11870	PROTECTOR, NOZZLE	4							
28	1	119625-11880	SEAT, NOZZLE	4							
29	1	129907-11910	RETAINER, NOZZLE	4							
30	1	129907-11950	BOLT, M8X75	4							
31	1	24311-000120	O-RING, 1AP12.0	4							
32	1	119583-11301	BOLT, STUD M8X80	2							
33	1	129907-11341	SHAFT ASSY, ROCKER	1							
34	2	129907-11250	SHAFT, ROCKER ARM	1							
35	2	129907-11260	SUPPORT, ROCKER ARM	3							
36	2	129907-11270	SUPPORT, ROCKER ARM	2							
37	2	123907-11280	WASHER	8							
38	2	129907-11650	ARM ASSY, ROCKER	4							
40	3	129150-11230	SCREW, VALVE ADJUST	4							
41	3	129150-11750	NUT, M8	4							
42	2	129907-11660	ARM ASSY, ROCKER	4							
44	3	129150-11230	SCREW, VALVE ADJUST	4							
45	3	129150-11750	NUT, M8	4							
46	2	129907-11920	RETAINER, NOZZLE	4							
47	2	26226-080222	STUD, M8X 22	2							
48	1	26106-080402	BOLT, M8X 40 PLATED	2							
49	1	26106-080602	BOLT, M8X 60 PLATED	4							
50	1	26106-080602	BOLT, M8X 60 PLATED	2							
51	1	26306-080002	NUT, M8	2							
52	1	124160-01751	CAP, FILLER	1							
53	1	129933-11320	BONNET ASSY, HEAD	1							
54	2	129907-03011	PLATE, BAFFLE	1							
55	2	129907-03061	BAFFLE, BREATHER	1							
56	2	129907-03070	BAFFLE, BREATHER	1							
58	2	129933-11310	GASKET, BONNET	1							
59	2	119100-11330	ELBOW, BREATHER	1							
60	2	22857-500100	SCREW, 5X10	6							
61	1	124160-11360	KNOB	4							

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
++ CONTINUE ++
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Fig.4. CYLINDER HEAD & BONNET



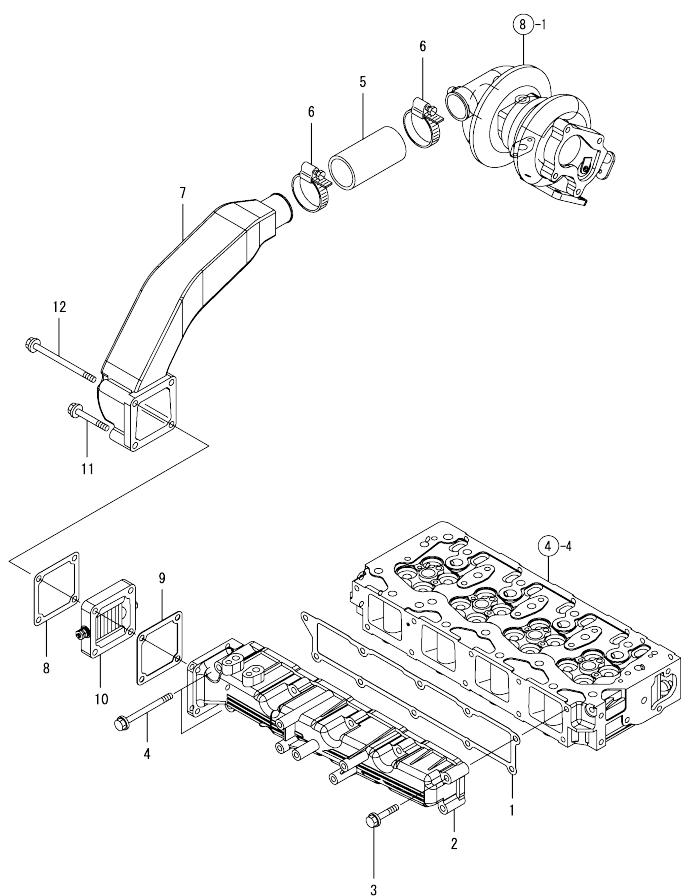
Remarks
(1) REPAIR PART.

(A)=4TNV98T-GKL
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
62	1	24311-000120	O-RING, 1AP12.0	4							
63	1	24311-000320	O-RING, 1AP32.0	1							
64	1	119006-03090	HOSE, BREATHER	1							
65	1	129908-03099	HOSE, BREATHER	1							
66	1	129150-03100	RETAINER, PIPE	1							
67	1	129908-03209	BREATHER ASSY	1							
68	2	129908-03219	COVER, BREATHER	1							
69	2	129908-03229	BREATHER	1							
70	2	123901-03240	FILTER	3							
71	2	26116-050102	BOLT, M5X 10 PLATED	4							
72	1	129935-03260	HOSE ASSY, RETURN	1							
73	2	129935-03270	TUBE, CORRUGATED	1							
75	1	123901-03280	ELBOW, PT3/8-10	1							
76	1	129410-03990	CLAMP, HOSE 21.5	2							
77	1	129960-03990	CLAMP, HOSE 19.8	1							
78	1	23000-022000	CLAMP, 22	2							
79	1	26106-080122	BOLT, M8X 12 PLATED	1							
80	1	26106-080142	BOLT, M8X 14 PLATED	2							

Fig.5. SUCTION MANIFOLD



0CW10-M14800 Fig.5

(A)=4TNV98T-GKL
(B)=
(C)=

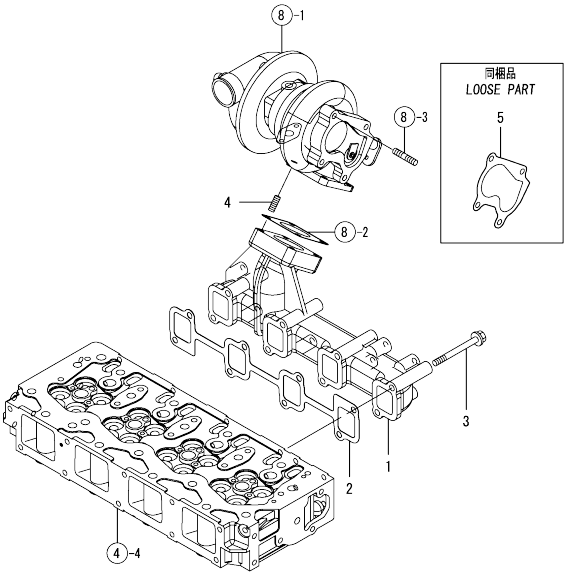
(D)=
(E)=
(F)=

Q

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129907-12110	GASKET, MANIFOLD	1							
2	1	129944-12110	MANIFOLD, AIR INTAKE	1							
3	1	26106-080452	BOLT, M8X 45 PLATED	8							
4	1	26106-080802	BOLT, M8X 80 PLATED	2							
5	1	123951-18220	JOINT, RUBBER	1							
6	1	23000-054000	CLAMP, 54	2							
7	1	129935-18350	DUCT, AIR	1							
8	1	119129-77020	GASKET	1							
9	1	121850-77021	GASKET, AIR HEATER	1							
10	1	119005-77050	HEATER, AIR	1							
11	1	26106-080702	BOLT, M8X 70 PLATED	2							
12	1	26106-080902	BOLT, M8X 90 PLATED	2							

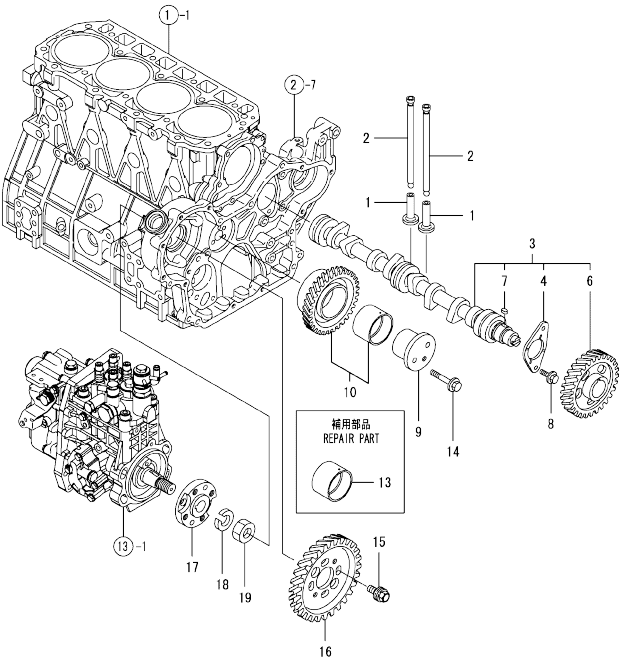
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.6. EXHAUST MANIFOLD



							0CW10-M14800 Fig.6					
							(A)=4TNV98T-GKL			(D)=		
							(B)=			(E)=		
							(C)=			(F)=		
							Q'ty					
No.	Lev.	Parts No.	Description				(A)	(B)	(C)	(D)	(E)	(F)
1	1	129935-13100	MANIFOLD, EXHAUST				1					
2	1	129900-13251	GASKET, EXH.MANIFOLD				1					
3	1	123900-13630	BOLT, M8X80				8					
4	1	129418-18320	BOLT, STUD M8X20				4					
5	1	123901-18080	GASKET				1					

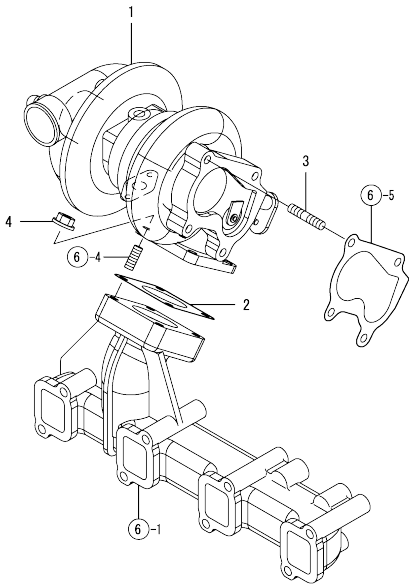
Fig.7. CAMSHAFT & DRIVING GEAR



Remarks
(1) REPAIR PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	8							
2	1	129907-14400	PUSH-ROD	8							
3	1	129908-14581	CAMSHAFT ASSY	1							
4	2	129150-02450	BEARING, THRUST	1							
6	2	129900-14100	GEAR, CAMSHAFT	1							
7	2	22512-070140	KEY, 7X 14	1							
8	1	26106-080162	BOLT, M8X 16 PLATED	2							
9	1	123900-25060	SHAFT, IDLE GEAR	1							
10	1	129900-25100	GEAR ASSY, IDLE	1							
13	1	129150-25920	BUSH, IDLE GEAR	1							1
14	1	26106-080552	BOLT, M8X 55 PLATED	3							
15	1	129953-25300	BOLT	4							
16	1	129907-25900	GEAR, PUMP	1							
17	1	158563-51150	FLANGE	1							
18	1	22217-180000	WASHER, SPRING 18	1							
19	1	26776-180002	NUT, LOCK M18	1							

Fig.8. TURBINE



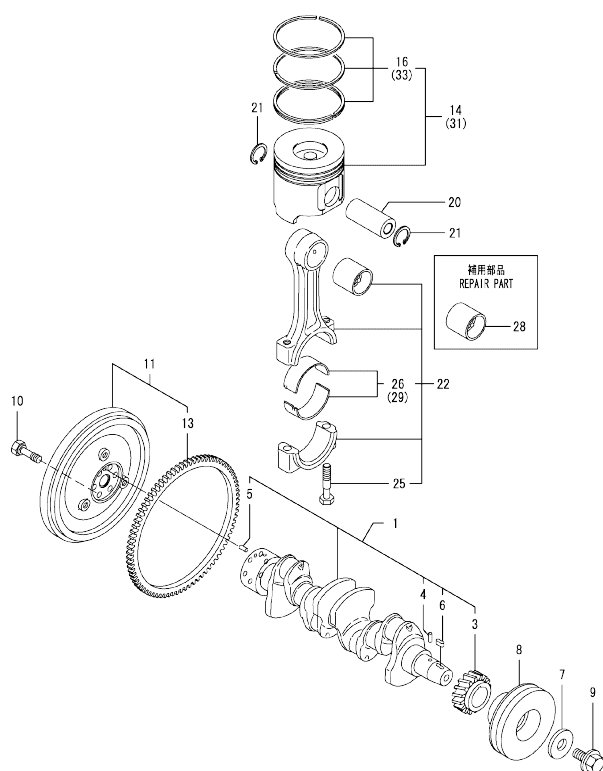
0CW10-M14800 Fig.8

(A)=4TNV98T-GKL
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129935-18010	TURBOCHARGER, RHF5	1							
2	1	129472-18090	GASKET	1							
3	1	119131-18320	BOLT, STUD M8X22	4							
4	1	26306-080002	NUT, M8	4							
	</										

Fig.9. CRANKSHAFT & PISTON



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

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

(A)=4TNV98T-GKL
(B)=
(C)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129908-21000	CRANKSHAFT ASSY	1							
3	2	129900-21200	GEAR, CRANKSHAFT	1							
4	2	121850-21290	PIN	1							
5	2	121850-21920	PIN, PARALLEL 10X22	1							
6	2	22512-070140	KEY, 7X 14	1							
7	1	129900-21640	WASHER	1							
8	1	129907-21660	V-PULLEY, CRANK 130	1							
9	1	121850-21680	BOLT	1							
10	1	121850-21130	BOLT, FLYWHEEL	6							
11	1	129902-21580	FLYWHEEL ASSY	1							
13	2	127410-21480	GEAR, RING Z=129	1							
14	1	129908-22080	PISTON ASSY	4							
16	2	129907-22050	RING SET, PISTON	4							
20	1	120130-22301	PIN, PISTON	4							
21	1	22252-000300	RING, 30	8							
22	1	129900-23001	ROD ASSY, CONNECTING	4							
25	2	129900-23200	BOLT, CONNECTING ROD	8							
26	2	129900-23601	BEARING, CRANK PIN	4							
28	1	129900-23911	BEARING, PISTON PIN	4							1
29	1	129900-23611	BEARING ASSY, 0.25US	4							2
31	1	729908-22900	PISTON ASSY, 0.25 OS	4							3
33	2	729907-22950	RING SET, 0.25 OS	4							3

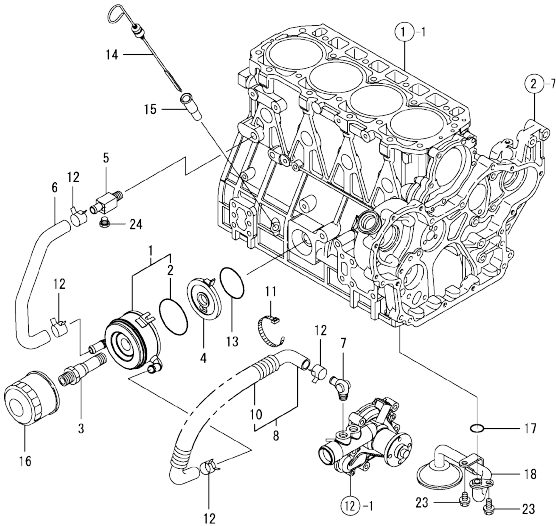
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New. Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New. R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New. S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

Fig.10. LUB.OIL SYSTEM

(A)=4TNV98T-GKL
(B)=
(C)=

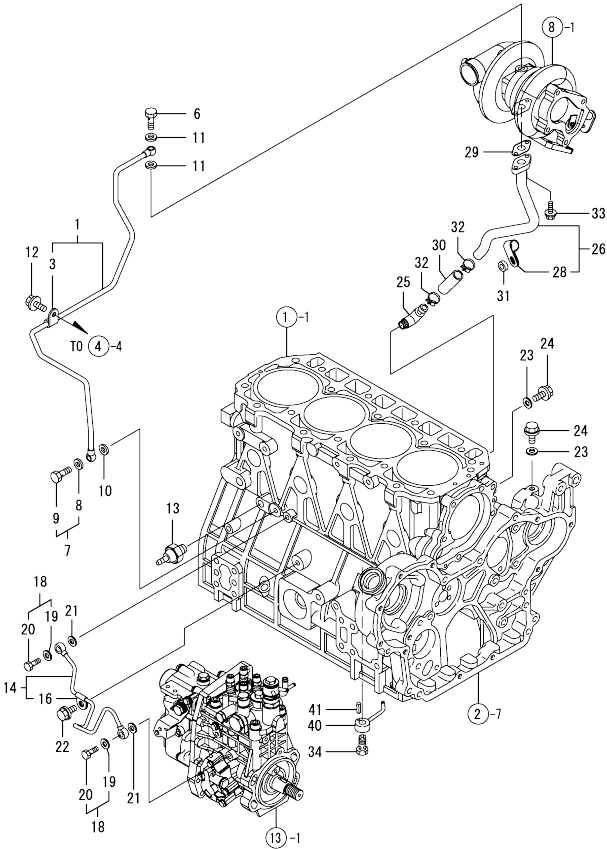
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129908-33010	COOLER ASSY, OIL	1							
2	2	123912-33050	O-RING	1							
3	1	123912-33100	BOLT, COOLER	1							
4	1	129908-33101	BRACKET, OIL COOLER	1							
5	1	129006-44480	JOINT	1							
6	1	129908-49060	HOSE, WATER	1							
7	1	129466-49300	ELBOW, PT3/8	1							
8	1	123910-49600	HOSE ASSY, WATER	1							
10	2	123910-49610	TUBE, CORRUGATED	1							
11	1	121750-59890	BAND, NYLON	1							
12	1	23000-025000	CLAMP, 25	4							
13	1	24321-000600	O-RING, 1AG60.0	1							
14	1	129900-34800	DIPSTICK	1							
15	1	121520-34810	GUIDE, DIPSTICK	1							
16	1	129150-35170	FILTER,LO	1							
17	1	129900-32030	O-RING, P20	1							
18	1	129900-35000	PIPE ASSY, OIL INLET	1							
23	1	26106-080122	BOLT, M8X 12 PLATED	2							
24	1	171056-49120	PLUG, DRAIN R1/4	1							



Remarks
(1) REPAIR PART.

Fig.11. LUB.OIL LINE

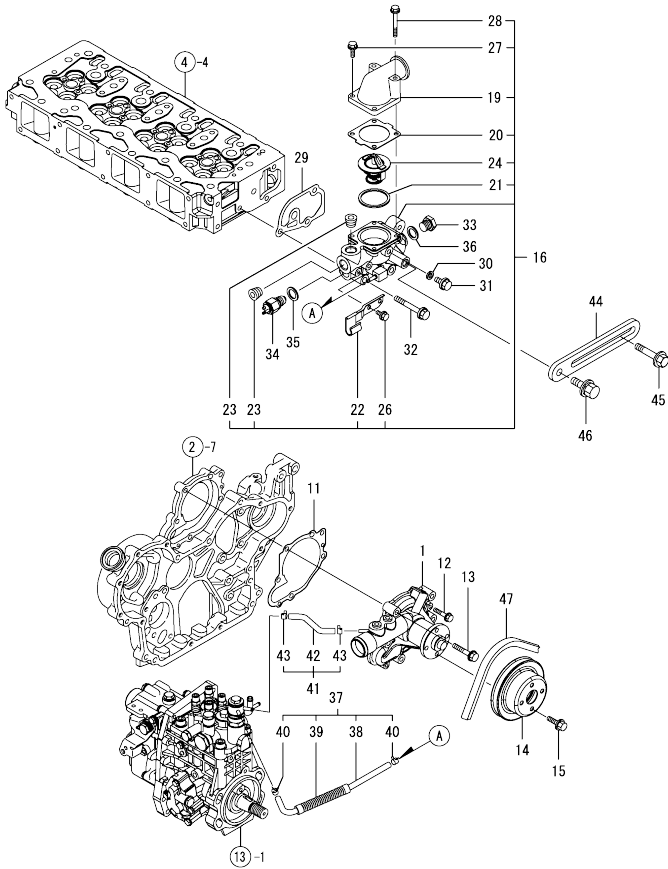


(A)=4TNV98T-GKL
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129935-39040	PIPE ASSY, OIL	1							
3	2	124223-39900	RETAINER	1							
6	1	121252-39150	BOLT, JOINT M10X1.5	1							
7	1	129005-59830	BOLT ASSY, JOINT M8	1							
8	2	22190-080002	WASHER, SEAL 6	1							
9	2	23857-030000	BOLT, JOINT 3	1							
10	1	22190-080002	WASHER, SEAL 6	1							
11	1	23414-100000	GASKET, 10X1.0	2							
12	1	26106-080122	BOLT, M8X 12 PLATED	1							
13	1	114250-39450	SWITCH, HYDRAULIC	1							
14	1	129907-39061	PIPE ASSY, OIL	1							
16	2	123907-39500	RETAINER, PIPE	1							
18	1	129005-59830	BOLT ASSY, JOINT M8	2							
19	2	22190-080002	WASHER, SEAL 6	2							
20	2	23857-030000	BOLT, JOINT 3	2							
21	1	22190-080002	WASHER, SEAL 6	2							
22	1	26106-080122	BOLT, M8X 12 PLATED	1							
23	1	22190-080002	WASHER, SEAL 6	2							
24	1	26106-080122	BOLT, M8X 12 PLATED	2							
25	1	124070-13300	ELBOW, PT3/8	1							
26	1	129935-39610	PIPE, OIL	1							
28	2	123910-39850	RETAINER	1							
29	1	129908-39690	GASKET	1							
30	1	123901-39820	HOSE, LO RETURN	1							
31	1	106500-44810	SPACER, PULLEY	1							
32	1	23000-025000	CLAMP, 25	2							
33	1	26106-060162	BOLT, M6X 16 PLATED	2							
34	1	129908-39410	VALVE ASSY, CHECK	4							
40	1	119000-39650	NOZZLE, COOLING	4							
41	1	22351-030010	PIN, SPRING 3.0X10	4							

Fig.12. COOLING WATER SYSTEM

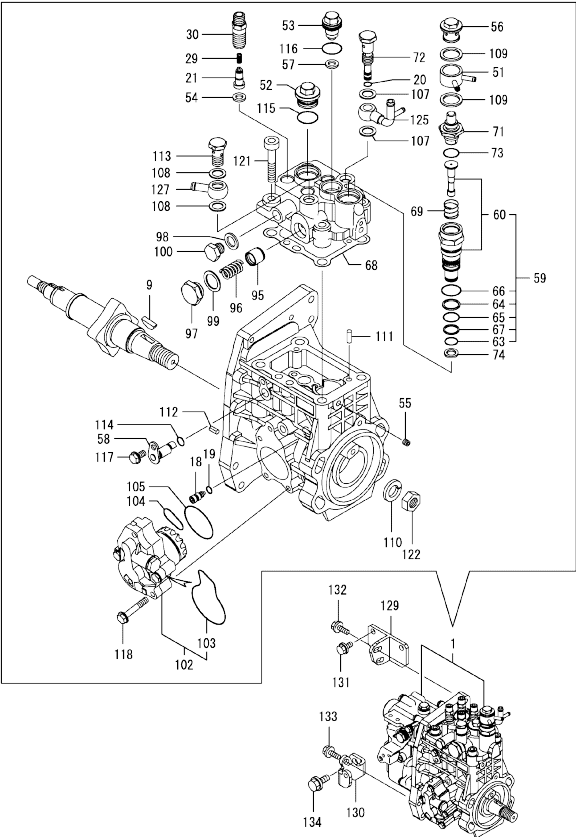


(A)=4TNV98T-GKL
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129907-42000	PUMP ASSY, WATER	1							
11	1	129900-42020	GASKET, WATER PUMP	1							
12	1	26106-060302	BOLT, M6X 30 PLATED	2							
13	1	26106-080552	BOLT, M8X 55 PLATED	5							
14	1	129900-42461	V-PULLEY, C.W.PUMP	1							
15	1	26106-080122	BOLT, M8X 12 PLATED	4							
16	1	129906-49810	CASE ASSY,THERMOSTAT	1							
19	2	129980-49530	COVER, THERMOSTAT	1							
20	2	121850-49540	GASKET, THERMOSTAT	1							
21	2	121850-49550	GASKET, THERMOSTAT	1							
22	2	129907-49730	RETAINER, PIPE	1							
23	2	129916-49740	PLUG, R3/8	2							
24	2	121850-49800	THERMOSTAT, 82C	1							
26	2	26106-060122	BOLT, M6X 12 PLATED	1							
27	2	26106-060202	BOLT, M6X 20 PLATED	2							
28	2	26106-060552	BOLT, M6X 55 PLATED	2							
29	1	129900-49870	GASKET, THERMOSTAT	1							
30	1	23414-080000	GASKET, 8X1.0	1							
31	1	26106-080122	BOLT, M8X 12 PLATED	1							
32	1	26106-080602	BOLT, M8X 60 PLATED	3							
33	1	121450-42450	PLUG, M16	1							
34	1	121250-44901	SWITCH, THERMO 110	1							
35	1	124465-44950	GASKET, 16	1							
36	1	124465-44950	GASKET, 16	1							
37	1	129907-49610	HOSE ASSY, WATER	1							
38	2	129907-49710	HOSE, WATER	1							
39	2	129907-49750	TUBE, CORRUGATED	1							
40	2	124722-59050	CLAMP, HOSE 9	2							
41	1	129907-49620	HOSE ASSY, WATER	1							
42	2	129907-49720	HOSE, WATER	1							
43	2	124722-59050	CLAMP, HOSE 9	2							
44	1	129900-77330	ADJUSTER, BELT	1							
45	1	119810-77340	BOLT, ADJUST L=30	1							
46	1	26014-080252	BOLT, M8X 25	1							
47	1	25132-004100	V-BELT, A41	1							

Fig.13. FUEL INJECTION PUMP



Remarks
(1) GOVERNOR ASSY(FIG.14) IS
INCORPORATED IN THIS FOP.CMP
(REF.NO.1).

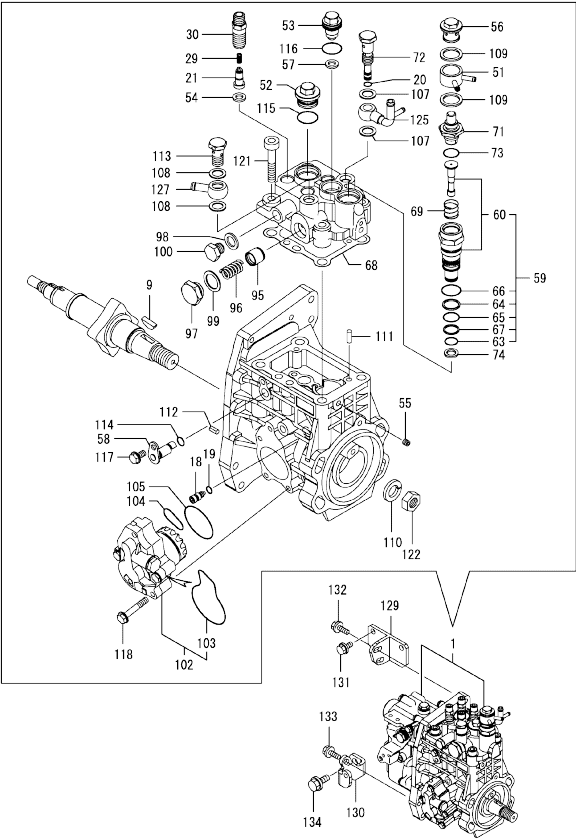
(A)=4TNV98T-GKL
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729937-51390	FIE ASSY	1							1
9	2	144626-51090	FEATHER KEY, 5X19	1							
18	2	158600-51270	STOPPER, TAPPET	1							
19	2	158563-51281	O-RING, 4D S6	1							
20	2	158563-51281	O-RING, 4D S6	1							
21	2	158560-51300	VALVE ASSY, DELIVERY	4							
29	2	158563-51330	SPRING, DELIVERY	4							
30	2	129907-51340	HOLDER, DELIVERY	4							
51	2	158553-51551	JOINT, COOLING WATER	1							
52	2	158601-51550	PLUG, M22	1							
53	2	129907-51560	PLUG, M16	1							
54	2	158552-51570	GASKET, PLUG	4							
55	2	158557-51570	PLUG, RACK	1							
56	2	158601-51570	PLUG	1							
57	2	129906-51580	GASKET, PLUG	1							
58	2	158552-51580	LIFTER, LINK	1							
59	2	119802-51590	TIMER ASSY	1							
60	3	119802-51600	TIMER ASSY	1							
63	3	158553-51670	O-RING	1							
64	3	119802-51680	RING, BACKUP	1							
65	3	119802-51690	O-RING	1							
66	3	24356-010200	O-RING, 4D1020	1							
67	3	24372-000150	RING, BACK UP T2P15	1							
68	2	158560-51600	GASKET	1							
69	2	158553-51630	SPRING, TIMER	1							
71	2	158553-51640	THERMOELEMENT	1							
72	2	158601-51650	JOINT, OVER FLOW	1							
73	2	158553-51660	O-RING, P14	1							
74	2	158553-51680	GASKET, TIMER	1							
95	2	158601-51770	PISTON, ACCUMULATOR	1							
96	2	158552-51781	SPRING, ACCUMULATOR	1							
97	2	158601-51790	PLUG	1							
98	2	22190-120002	WASHER, SEAL 12	1							
99	2	22190-180002	WASHER, SEAL 18	1							
100	2	23887-120002	PLUG, 12	1							
102	2	158552-52100	PUMP ASSY, FUEL FEED	1							
103	3	158552-52500	O-RING	1							
104	2	158552-52310	O-RING	1							
105	2	158552-52400	O-RING, 4E S42	1							
107	2	22190-120002	WASHER, SEAL 12	2							
108	2	22190-120002	WASHER, SEAL 12	2							
109	2	22190-180002	WASHER, SEAL 18	2							
110	2	22217-180000	WASHER, SPRING 18	1							
111	2	22312-050140	PIN, PARALLEL M5X14	2							
112	2	22351-050010	PIN, SPRING 5.0X10	2							
113	2	23857-060000	BOLT, JOINT 6	1							
114	2	24311-000070	O-RING, 1AP7.0	1							
115	2	24356-010200	O-RING, 4D1020	1							
116	2	24356-020210	O-RING, 4D2021	1							
117	2	26106-060102	BOLT, M6X 10 PLATED	1							
118	2	26106-060352	BOLT, M6X 35 PLATED	4							

N:Old $\frac{N01}{101}$ New, Q:Old $\frac{Q01}{101}$ New, R:Old $\frac{R01}{101}$ New, S:Old $\frac{S01}{101}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Fig.13. FUEL INJECTION PUMP



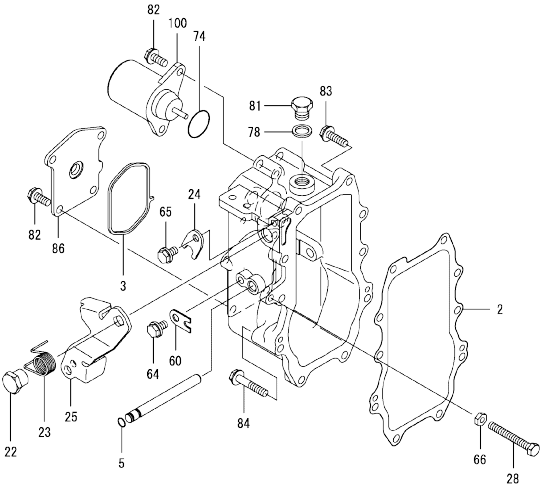
(A)=4TNV98T-GKL
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
121	2	26450-100452	BOLT, M10X 45	4							
122	2	26776-180002	NUT, LOCK M18	1							
125	2	158552-51670	JOINT, OVER FLOW	1							
127	2	129916-59020	JOINT, PIPE 12	1							
129	1	129907-01950	RETAINER, PUMP	1							
130	1	129907-01960	RETAINER, PUMP	1							
131	1	26106-080162	BOLT, M8X 16 PLATED	2							
132	1	26106-080222	BOLT, M8X 22 PLATED	2							
133	1	26106-080222	BOLT, M8X 22 PLATED	1							
134	1	26106-100202	BOLT, M10X 20 PLATED	1							

Remarks
(1) GOVERNOR ASSY(FIG.14) IS
INCORPORATED IN THIS FOP.CMP
(REF.NO.1).

Fig.14. GOVERNOR



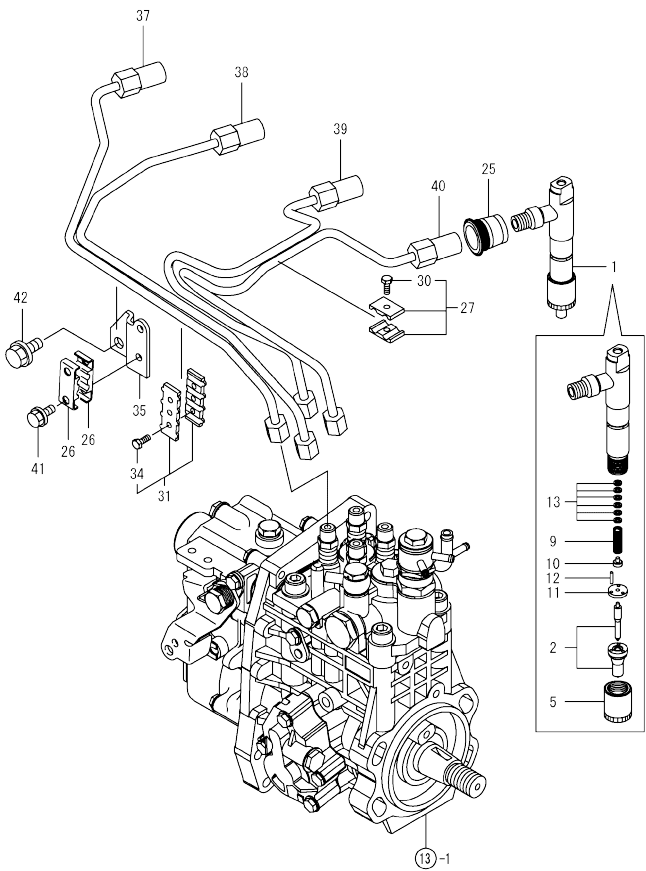
Remarks
* THIS FIGURE(GOVERNOR ASSY)IS
INCORPORATED IN THE FUEL INJECTION
PUMP ASSY(FIG.13).

(A)=4TNV98T-GKL
(B)=
(C)=

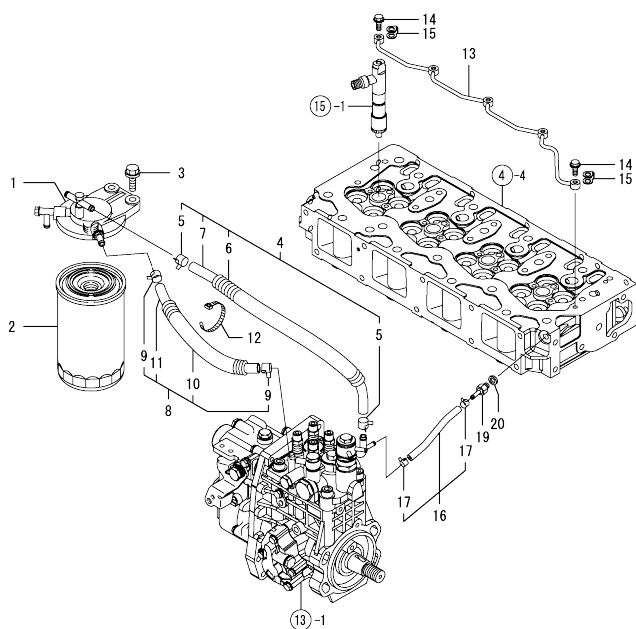
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	158560-61050	GASKET	1							
3	2	158560-61071	GASKET	1							
5	2	129155-61280	O-RING, S6	1							
22	2	129255-61410	NUT, M8	1							
23	2	119807-61420	SPRING, RETURN	1							
24	2	158560-61430	STOPPER, SHAFT	1							
25	2	129937-61440	LEVER, REGULATOR	1							
28	2	129155-61460	BOLT, LIMITING	1							
60	2	119660-61901	STOPPER, SHAFT	1							
64	2	26106-060102	BOLT, M6X 10 PLATED	1							
65	2	26106-060102	BOLT, M6X 10 PLATED	1							
66	2	26756-060002	NUT, LOCK M6	1							
74	2	158552-61900	O-RING	1							
78	2	22190-160002	WASHER, SEAL 16	1							
81	2	23887-160002	PLUG, 16	1							
82	2	26106-060142	BOLT, M6X 14 PLATED	6							
83	2	26106-060252	BOLT, M6X 25 PLATED	8							
84	2	26106-060402	BOLT, M6X 40 PLATED	2							
86	2	129946-61061	COVER, GOVERNOR CASE	1							
100	2	119653-77950	SOLENOID, STOP	1							

Fig.15. FUEL INJECTION VALVE

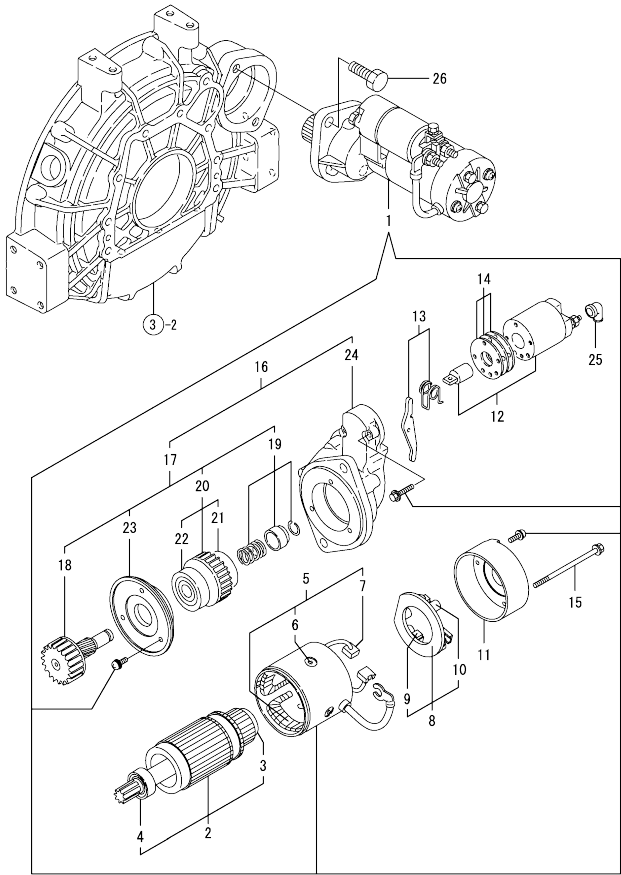


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729906-53100	FUEL INJECTOR ASSY	4							
2	2	129906-53000	NOZZLE ASSY, F.I.	4							
5	2	114250-53080	NUT, NOZZLE	4							
9	2	114250-53120	SPRING, NOZZLE	4							
10	2	114250-53130	SEAT, SPRING	4							
11	2	114250-53140	SPACER	4							
12	2	114250-53210	PIN	8							
13	2	114250-53400	SHIM SET	4							
25	1	123907-11601	SEAL, PIPE	4							
26	1	122780-59100	RETAINER	2							
27	1	119305-59120	RETAINER, PIPE	1							
30	2	129150-59131	BOLT, M4X14	1							
31	1	129550-59120	RETAINER, PIPE	1							
34	2	129150-59131	BOLT, M4X14	2							
35	1	129907-59710	SUPPORT	1							
37	1	129908-59810	PIPE ASSY, INJECTION	1							
38	1	129908-59820	PIPE ASSY, INJECTION	1							
39	1	129908-59830	PIPE ASSY, INJECTION	1							
40	1	129908-59840	PIPE ASSY, INJECTION	1							
41	1	26106-060162	BOLT, M6X 16 PLATED	2							
42	1	26106-080182	BOLT, M8X 18 PLATED	1							



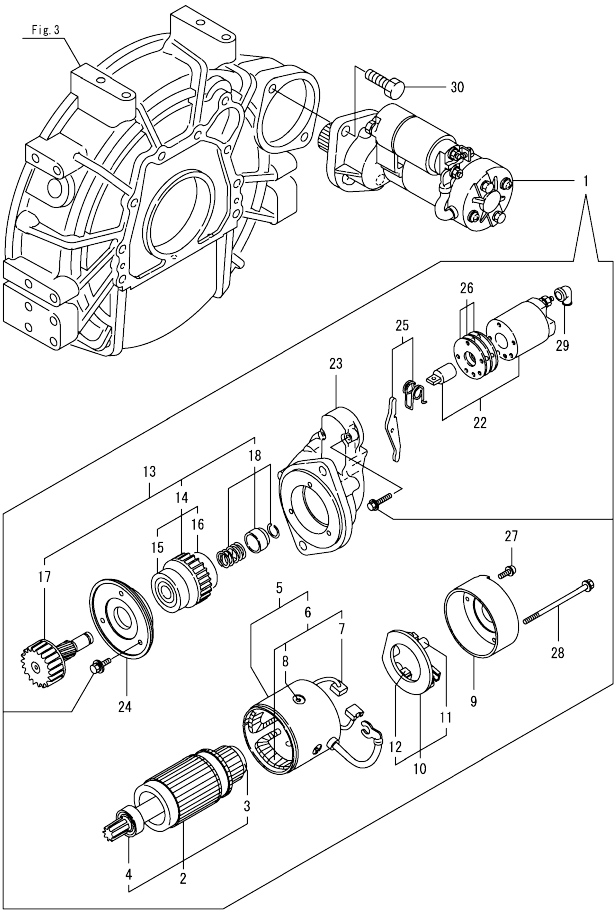
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129004-55612	BRACKET, FILTER	1							
2	1	123907-55810	FILTER, FUEL	1							
3	1	26106-080302	BOLT, M&X 30 PLATED	2							
4	1	129457-59010	HOSE ASSY, FUEL	1							
5	2	124766-59050	CLAMP, HOSE 11.5	2							
6	2	129957-59120	TUBE, CORRUGATED 15	1							
7	2	105025-59750	HOSE, FUEL	1							
8	1	129981-59010	HOSE ASSY, FUEL	1							
9	2	124766-59050	CLAMP, HOSE 11.5	2							
10	2	129950-59221	TUBE, CORRUGATED 15	1							
11	2	129980-59510	HOSE, FUEL	1							
12	1	121750-59890	BAND, NYLON	1							
13	1	129907-59140	PIPE ASSY, RETURN	1							
14	1	123907-59540	BOLT, PIPE JOINT M6	5							
15	1	123907-59550	GASKET	5							
16	1	129486-59551	HOSE ASSY, RETURN	1							
17	2	124722-59050	CLAMP, HOSE 9	2							
19	1	123907-59560	JOINT, HOSE	1							
20	1	22190-080002	WASHER, SEAL 6	1							

0CW10-M14800 4TNV98T-GKL
Fig.17. STARTING MOTOR



							0CW10-M14800 Fig.17					
							(A)=4TNV98T-GKL (D)= (E)= (F)=					
							Q'ty					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R	
1	1	129900-77010	STARTER ASSY	1								
2	2	129900-77400	ARMATURE ASSY	1								
3	3	X2114155110	BEARING, BALL	1								
4	3	X2114255110	BEARING, BALL	1								
5	2	129900-77440	COIL ASSY, FIELD	1								
6	3	171008-77450	SCREW, CORE SET	4								
7	3	129900-77450	BRUSH	2								
8	2	129900-77480	HOLDER ASSY, BRUSH	1								
9	3	129900-77450	BRUSH	2								
10	3	X2130631300	SPRING, BRUSH	4								
11	2	129900-77460	COVER	1								
12	2	129900-77591	SWITCH ASSY, MAGNET	1								
13	2	129900-77620	LEVER SET	1								
14	2	129900-77650	COVER KIT, DUST	1								
15	2	129900-77640	BOLT, THROUGH	2								
16	2	129900-77700	CASE ASSY, GEAR	1								
17	3	129900-77510	PINION ASSY,W/CLUTCH	1								
18	4	129900-77540	SHAFT, PINION	1								
19	4	129900-77550	STOPPER SET, PINION	1								
20	4	129900-77520	CLUTCH ASSY	1								
21	4	171008-77730	BEARING, BALL	1								
22	4	171008-77740	BEARING, BALL	1								
23	4	129900-77610	RETAINER, BEARING	1								
24	3	129900-77710	CASE, GEAR	1								
25	2	171008-77750	COVER, TERMINAL	1								
26	1	26116-120302	BOLT, M12X 30 PLATED	2								

Fig.19. (17A)STARTING MOTOR

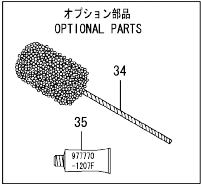
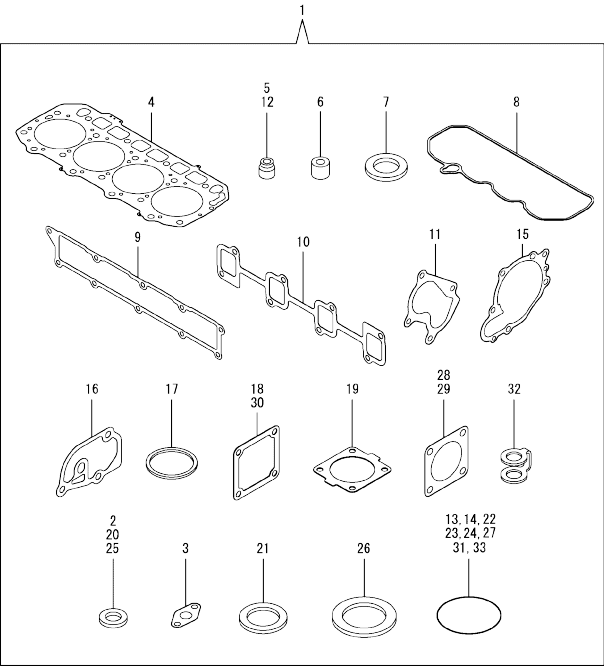


(A)=4TNV98T-GKL
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129900-77040	STARTER ASSY	1							
2	2	129900-77120	ARMATURE ASSY	1							
3	3	171008-77410	BEARING, BALL	1							
4	3	171008-77420	BEARING, BALL	1							
5	2	129900-77130	YOKE ASSY	1							
6	3	129900-77140	COIL ASSY, FIELD	1							
7	4	129900-77450	BRUSH	2							
8	4	171008-77450	SCREW, CORE SET	4							
9	2	129900-77150	COVER	1							
10	2	129900-77160	HOLDER ASSY, BRUSH	1							
11	3	X2130631300	SPRING, BRUSH	4							
12	3	129900-77450	BRUSH	2							
13	2	129900-77170	CLUTCH ASSY	1							
14	3	129900-77180	CLUTCH ASSY	1							
15	4	129900-77190	BEARING, BALL	1							
16	4	X2114955020	BEARING, BALL	1							
17	3	129900-77270	SHAFT, PINION	1							
18	3	171008-77670	STOPPER SET, PINION	1							
22	2	129900-77280	SWITCH ASSY, MAGNET	1							
23	2	129900-77290	CASE, GEAR	1							
24	2	129900-77380	RETAINER, BEARING	1							
25	2	129900-77390	LEVER ASSY, SHIFT	1							
26	2	129900-77420	COVER KIT, DUST	1							
27	2	129900-77430	SCREW, M4X10	2							
28	2	129685-77640	BOLT, THROUGH	2							
29	2	171008-77750	COVER, TERMINAL	1							
30	1	26116-120302	BOLT, M12X 30 PLATED	2							

Fig.18. GASKET SET



Remarks
(1) OPTIONAL PART.

(A)=4TNV98T-GKL
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729908-92620	GASKET SET	1							1
2	2	23414-100000	GASKET, 10X1.0	2							
3	2	129908-39690	GASKET	1							
4	2	129907-01331	GASKET, HEAD	1							
5	2	124160-11340	SEAL, VALVE STEM	8							
6	2	119802-11870	PROTECTOR, NOZZLE	4							
7	2	119625-11880	SEAT, NOZZLE	4							
8	2	129933-11310	GASKET, BONNET	1							
9	2	129907-12110	GASKET, MANIFOLD	1							
10	2	129900-13251	GASKET, EXH.MANIFOLD	1							
11	2	123901-18080	GASKET	1							
12	2	119803-11340	SEAL, VALVE STEM	8							
13	2	129900-32030	O-RING, P20	2							
14	2	129900-32040	O-RING, P14	1							
15	2	129900-42020	GASKET, WATER PUMP	1							
16	2	129900-49870	GASKET, THERMOSTAT	1							
17	2	121850-49550	GASKET, THERMOSTAT	1							
18	2	121850-77021	GASKET, AIR HEATER	1							
19	2	121850-49540	GASKET, THERMOSTAT	1							
20	2	23414-080000	GASKET, 8X1.0	1							
21	2	124465-44950	GASKET, 16	2							
22	2	24311-000070	O-RING, 1AP7.0	1							
23	2	24311-000120	O-RING, 1AP12.0	8							
24	2	24311-000320	O-RING, 1AP32.0	2							
25	2	22190-080002	WASHER, SEAL 6	9							
26	2	22190-220002	WASHER, SEAL 22	1							
27	2	24351-030750	O-RING, 1A3075	1							
28	2	129472-18090	GASKET	1							
29	2	124240-01883	GASKET	1							
30	2	119129-77020	GASKET	1							
31	2	24321-000600	O-RING, 1AG6.0	1							
32	2	123907-59550	GASKET	5							
33	2	24341-000240	O-RING, 1AS24.0	1							
34	1	129400-92450	HONE, FLEX	1							1
35	1	977770-1207F	GASKET, LIQUID	1							1

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114250-53130	15	10
114250-53140	15	11
114250-53210	15	12
114250-53400	15	13
119000-01840	3	4
119000-39650	11	40
119005-77050	5	10
119006-03090	4	64
119100-11330	4	59
119129-77020	5	8
	18	30
119131-18320	8	3
119305-59120	15	27
119593-11301	4	32
119620-11180	4	16
119625-11880	4	28
	18	7
119640-01640	3	8
119653-77950	14	100
119660-61901	14	60
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	18	6
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119807-61420	14	23
119810-77340	12	45
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121250-44901	12	34
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	16	12
121850-21130	9	10
121850-21290	9	4
121850-21680	9	9
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123900-25060	7	9
123901-03240	4	70
123901-03280	4	75
123901-18080	6	5
	18	11
123901-39820	11	30
123907-11280	4	37
123907-11550	4	3
123907-11601	15	25
123907-11820	4	23
123907-11830	4	22
123907-39500	11	16
123907-55810	16	2
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123910-49600	10	8
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123912-33050	10	2
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124070-13300	11	25
124160-01751	2	23
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124223-39900	11	3
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124411-01780	3	6
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129150-02450	7	4
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129150-14200	7	1
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129150-91400	2	28
129155-51280	14	5
129155-61460	14	28
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129400-92450	18	34
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129418-18320	6	4
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129900-01740	2	5
129900-01780	2	3
129900-02020	1	6
129900-02341	1	33
129900-02410	1	9
129900-02931	1	24
129900-02941	1	36
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129900-32040	2	11
	18	14
129900-34800	10	14
129900-35000	10	18
129900-42020	12	11
	18	15
129900-42461	12	14
129900-49870	12	29
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129900-77010	17	1
129900-77040	19	1
129900-77120	19	2
129900-77130	19	5
129900-77140	19	6
129900-77150	19	9
129900-77160	19	10
129900-77170	19	13
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129900-77520	17	20
129900-77540	17	18
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129907-01190	1	29
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129907-03011	4	54
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129907-03070	4	56
129907-07900	4	1
129907-11100	4	13
129907-11110	4	14
129907-11120	4	15
129907-11250	4	34
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129908-22080	9	14
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129908-33010	10	1
129908-33101	10	4
129908-39410	11	34
129908-39690	11	29
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158560-61430	14	24
158563-51150	7	17
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158601-51650	13	72
158601-51770	13	95
158601-51790	13	97
171008-77410	19	3
171008-77420	19	4
171008-77450	17	6
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171008-77670	19	18
171008-77730	17	21
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171008-77750	17	25
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171051-01921	1	5
171056-49120	10	24
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22857-500100	4	60
23000-022000	4	78
23000-025000	10	12
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23000-054000	5	6
23414-080000	12	30
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23857-030000	11	9
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23857-060000	13	113
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26106-080182	15	42
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