

0CD50-M01470EN

P R E F A C E

This parts catalog is the 1st edition of 3TNV82A-BDHTR for HWASUNG THERMO CO., LTD.

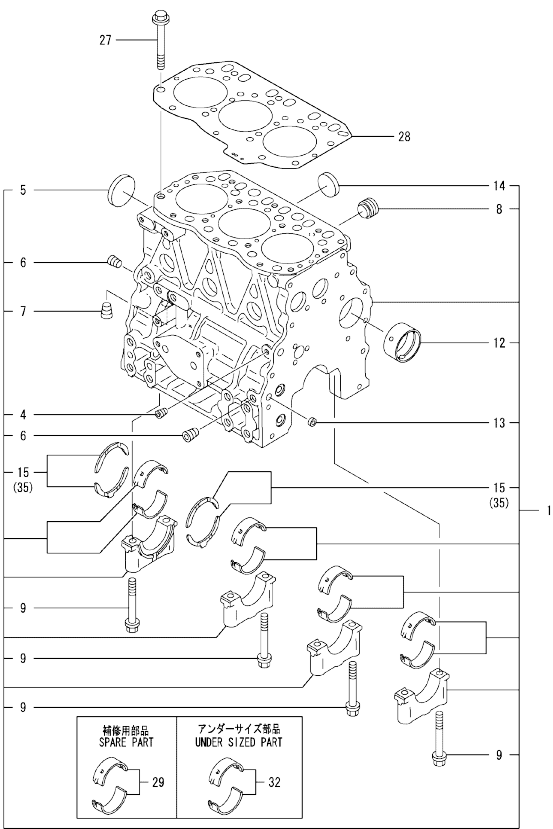
Published : July, 2015

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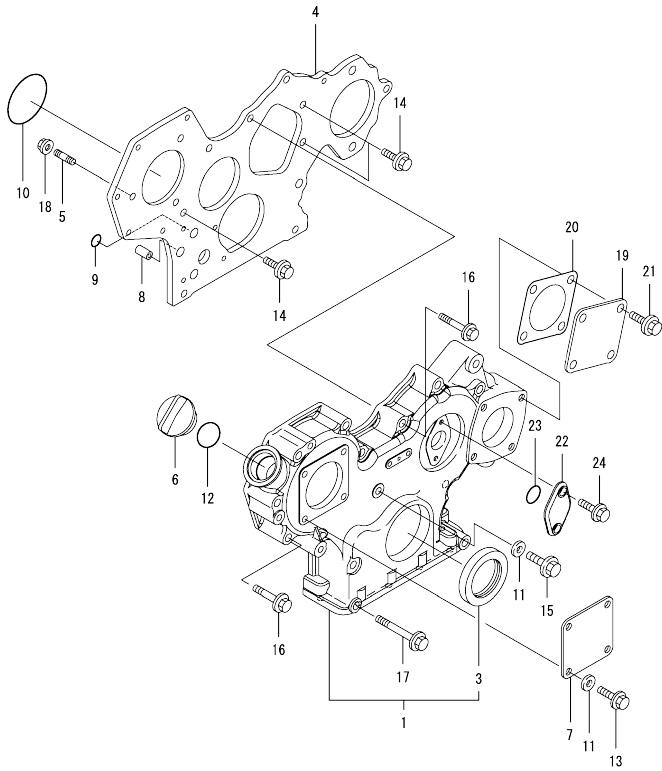
OCD50-M01470 3TNV82A-BDHTR
Fig.1. CYLINDER BLOCK



Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

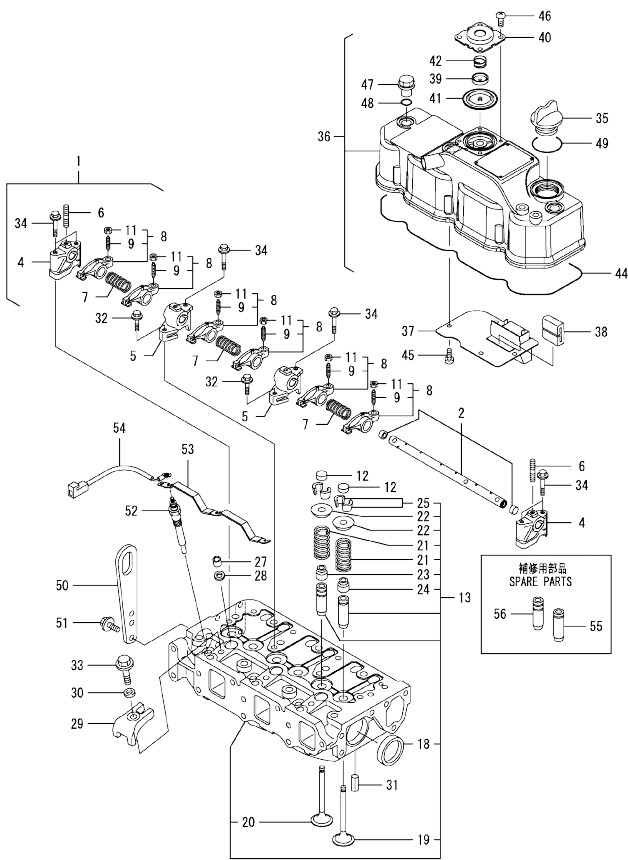
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							(A)=3TNV82A-BDHTR					
							(D)=					
							(E)=					
							(F)=					
							Q'ty					
No.	Lev.	Parts No.	Description				(A)	(B)	(C)	(D)	(E)	(F)
1	1	719802-01560	BLOCK ASSY, CYLINDER				1					
4	2	124060-01050	PLUG, PT1/8				1					
5	2	129001-01250	PLUG, DISH TYPE 50				1					
6	2	124160-01910	PLUG, PT1/4				2					
7	2	124160-01910	PLUG, PT1/4				1					
8	2	171051-01921	PLUG, NPTF1				1					
9	2	119620-02020	BOLT, METAL CAP				8					
12	2	129795-02412	BUSH, CAMSHAFT				1					
13	2	27241-120000	PLUG, 12				2					
14	2	27241-300000	PLUG 30				6					
15	2	119717-02930	BEARING ASSY, THRUST				2					
27	1	119810-01200	BOLT, CYLINDER HEAD				14					
28	1	119812-01330	GASKET, HEAD				1					
29	1	719810-02981	BEARING ASSY, MAIN				4					1
32	1	119810-02871	BEARING ASSY, MAIN				4					2
35	1	119810-02941	BEARING, THRUST 0.25				2					3

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Fig.2. GEAR HOUSING



										OCD50-M01470 Fig.2	
										(A)=3TNV82A-BDHTR	
										(D)=	
										(E)=	
										(F)=	
										Q'ty	
										I R	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729652-01500	CASE ASSY, GEAR	1							
3	2	119934-01800	SEAL, OIL	1							
4	1	129604-01520	FLANGE, GEAR CASE	1							
5	1	119802-01561	BOLT, STUD M8X25	3							
6	1	124160-01751	CAP, FILLER	1							
7	1	124240-01871	COVER, PUMP	1							
8	1	129795-01950	PIPE, DOWEL L=18	2							
9	1	119609-32040	O-RING, P16	2							
10	1	121850-51960	O-RING	1							
11	1	22190-080002	WASHER, SEAL 8	5							
12	1	24311-000320	O-RING, 1AP32.0	1							
13	1	26106-080162	BOLT, M8X 16 PLATED	4							
14	1	26106-080162	BOLT, M8X 16 PLATED	3							
15	1	26106-080302	BOLT, M8X 30 PLATED	1							
16	1	26106-080552	BOLT, M8X 55 PLATED	10							
17	1	26106-080852	BOLT, M8X 85 PLATED	3							
18	1	26306-080002	NUT, M8	3							
19	1	124240-01871	COVER, PUMP	1							
20	1	129C26-01890	GASKET, HO-P	1							
21	1	26106-080162	BOLT, M8X 16 PLATED	4							
22	1	121023-01551	COVER	1							
23	1	24341-000240	O-RING, 1AS24.0	1							
24	1	26106-060162	BOLT, M6X 16 PLATED	2							
</											

Fig.4. CYLINDER HEAD & BONNET



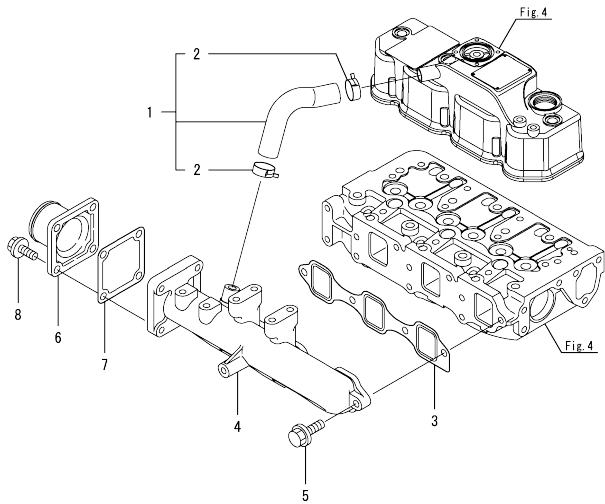
Remarks
(1)Spare parts.

(A)=3TNV82A-BDHTR
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119802-11241	SHAFT ASSY, ROCKER	1							
2	2	119802-11251	SHAFT, ROCKER ARM	1							
4	2	119802-11260	SUPPORT, ROCKER ARM	2							
5	2	119802-11270	SUPPORT, ROCKER ARM	2							
6	2	119802-11280	BOLT, STUD	3							
7	2	129150-11280	SPRING, ROCKER	3							
8	2	119802-11650	ARM ASSY, ROCKER	6							
9	3	129150-11230	SCREW, VALVE ADJUST	6							
11	3	129150-11750	NUT, M8	6							
12	1	104211-11370	CAP, VALVE	6							
13	1	119803-11700	HEAD ASSY, CYLINDER	1							
18	2	27241-400000	PLUG, 40	2							
19	2	119802-11100	VALVE, SUCTION	3							
20	2	119802-11110	VALVE, EXHAUST	3							
21	2	119810-11120	SPRING, VALVE	6							
22	2	104211-11180	RETAINER, SPRING	6							
23	2	119803-11340	SEAL, VALVE STEM	3							
24	2	124160-11340	SEAL, VALVE STEM	3							
25	2	27310-070001	COTTER, 7	6							
27	1	119802-11870	PROTECTOR, NOZZLE	3							
28	1	119625-11880	SEAT, NOZZLE	3							
29	1	119802-11900	RETAINER, NOZZLE	3							
30	1	120270-54410	WASHER, INJECTOR	3							
31	1	22351-060012	PIN, SPRING 6.0X12	2							
32	1	26106-080252	BOLT, M8X 25 PLATED	2							
33	1	26106-080452	BOLT, M8X 45 PLATED	3							
34	1	26106-080502	BOLT, M8X 50 PLATED	6							
35	1	124160-01751	CAP, FILLER	1							
36	1	119802-11350	BONNET ASSY, HEAD	1							
37	2	119802-03010	PLATE, BAFFLE	1							
38	2	129150-03070	BAFFLE, BREATHER	1							
39	2	119802-03110	PLATE, DIAPHRAGM	1							
40	2	119802-03121	COVER, DIAPHRAGM	1							
41	2	119802-03130	DIAPHRAGM	1							
42	2	119802-03141	SPRING, DIAPHRAGM	1							
44	2	119802-11310	GASKET, BONNET	1							
45	2	22857-500100	SCREW, 5X10	4							
46	2	22857-500100	SCREW, 5X10	4							
47	1	124160-11360	KNOB	3							
48	1	24311-000120	O-RING, 1AP12.0	3							
49	1	24311-000320	O-RING, 1AP32.0	1							
50	1	129900-07900	LIFTER, ENGINE	1							
51	1	26106-080162	BOLT, M8X 16 PLATED	2							
52	1	129008-77800	PLUG, GLOW	3							
53	1	119803-77821	CONNECTOR, GLOW PLUG	1							
54	1	119803-77830	HARNESS, WIRE	1							
55	1	124060-11800	GUIDE, INTAKE VALVE	3							1
56	1	119802-11810	GUIDE, VALVE	3							1

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Fig.5. SUCTION MANIFOLD



0CD50-M01470 Fig.5

(A)=3TNV82A-BDHTR

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(E)=

(C)=

(F)=

Q'ty

I R

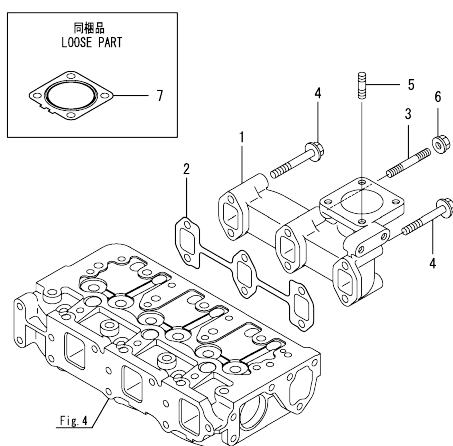
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	119802-03090	HOSE ASSY. BREATHER	1					
2	2	129410-03990	CLAMP, HOSE 21.5	2					
3	1	119810-12112	GASKET, MANIFOLD	1					
4	1	119802-12130	MANIFOLD, AIR INTAKE	1					
5	1	26106-080252	BOLT, M8X 25 PLATED	4					
6	1	129486-12581	JOINT, MANIFOLD	1					
7	1	129150-77511	GASKET, AIR HEATER	1					
8	1	26106-080202	BOLT, M8X 20 PLATED	4					

Fig.6. EXHAUST MANIFOLD

(D)=
(E)=

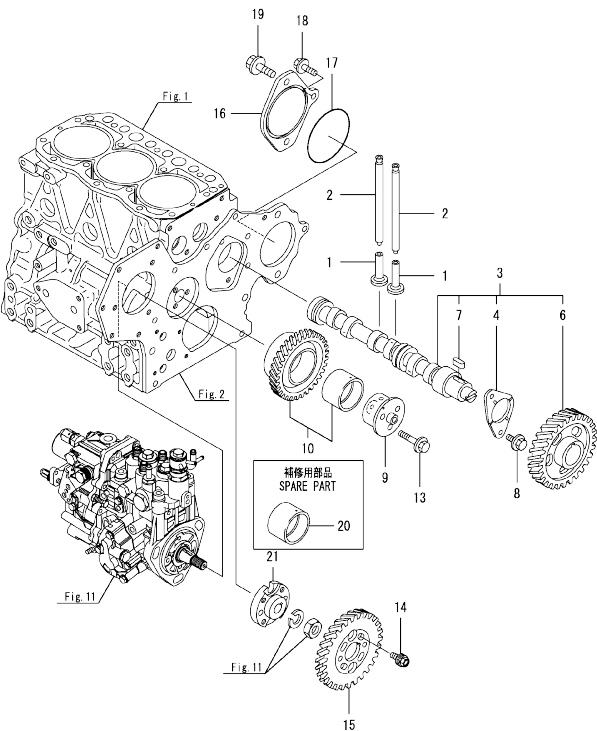
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119888-13101	MANIFOLD, EXHAUST	1							
2	1	119810-13110	GASKET, EXH.MANIFOLD	1							
3	1	119852-13220	STUD, M8X75	2							
4	1	119802-13641	BOLT, M8X60 10.9T	4							
5	1	119131-18320	BOLT, STUD M8X22	4							
6	1	26306-080002	NUT, M8	2							
7	1	129004-13200	GASKET, SILENCER	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.7. CAMSHAFT & DRIVING GEAR



Remarks
(1)Spare parts.

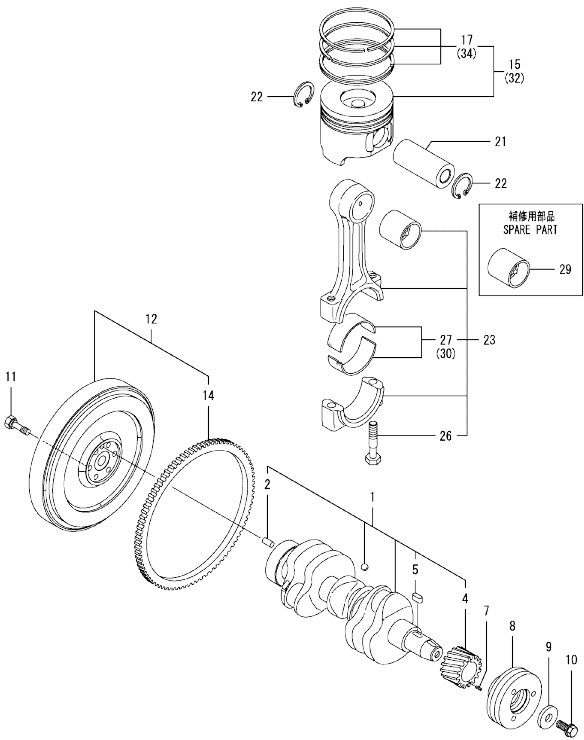
(A)=3TNV82A-BDHTR
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	6							
2	1	119810-14400	PUSH-ROD	6							
3	1	119802-14580	CAMSHAFT ASSY	1							
4	2	129150-02450	BEARING, THRUST	1							
6	2	129150-14101	GEAR, CAMSHAFT	1							
7	2	22512-070140	KEY, 7X 14	1							
8	1	26106-080142	BOLT, M8X 14 PLATED	2							
9	1	119803-25050	SHAFT, IDLE	1							
10	1	119802-25101	GEAR ASSY, IDLE	1							
13	1	26106-080402	BOLT, M8X 40 PLATED	3							
14	1	129150-25301	BOLT	4							
15	1	119802-25901	GEAR, PUMP	1							
16	1	129430-26071	COVER	1							
17	1	24321-000800	O-RING, 1AG80.0	1							
18	1	26106-080252	BOLT, M8X 25 PLATED	1							
19	1	26106-100302	BOLT, M10X 30 PLATED	2							
20	1	119802-25071	BUSH, IDLE GEAR	1							1
21	1	158552-51151	FLANGE	1							

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Fig.8. CRANKSHAFT & PISTON



Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

OCD50-M01470 Fig.8

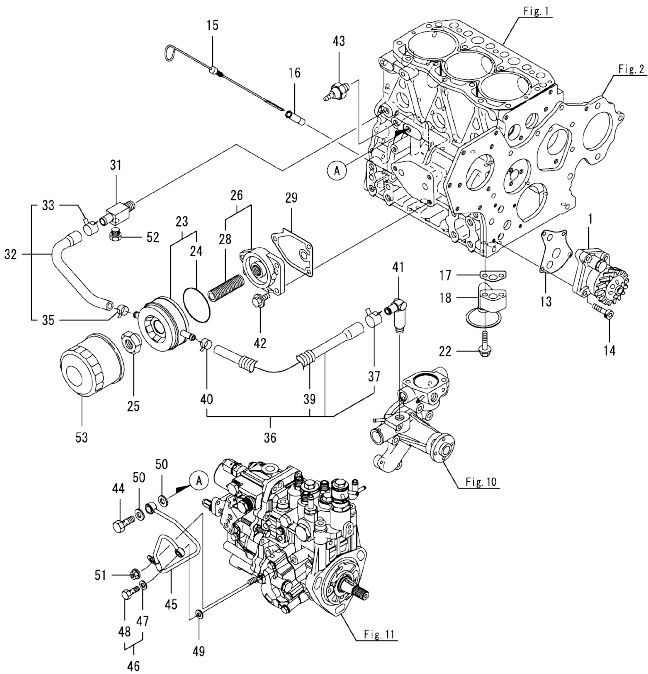
(A)=3TNV82A-BDHTR
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119803-21000	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, PARALLEL 8X16	1							
4	2	119803-21200	GEAR, CRANKSHAFT	1							
5	2	22512-070140	KEY, 7X 14	1							
7	1	22351-030010	PIN, SPRING 3.0X10	1							
8	1	119802-21650	V-PULLEY, CRANK 110	1							
9	1	129795-21661	WASHER	1							
10	1	121850-21680	BOLT	1							
11	1	121111-21501	BOLT, FLYWHEEL	6							
12	1	119933-21590	FLYWHEEL ASSY	1							
14	2	119865-21600	GEAR, RING Z=116	1							
15	1	119803-22080	PISTON ASSY	3							
17	2	119802-22500	RING SET, PISTON	3							
21	1	119813-22300	PIN, PISTON	3							
22	1	129792-22400	CIRCLIP, 23	6							
23	1	719810-23100	ROD ASSY, CONNECTING	3							
26	2	119810-23200	BOLT, CONNECTING ROD	6							
27	2	119810-23601	BEARING, CRANK PIN	3							
29	1	119810-23910	BEARING, PISTON PIN	3							1
30	1	119810-23611	BEARING, 0.25 US	3							2
32	1	719803-22900	PISTON ASSY, 0.25 OS	3							3
34	2	119802-22950	RING SET, 0.25 OS	3							3

OCD50-M01470 3TNV82A-BDHTR

Fig.9. LUB. OIL SYSTEM



OCD50-M01470 Fig.9

(A)=3TNV82A-BDHTR
(B)=
(C)=

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

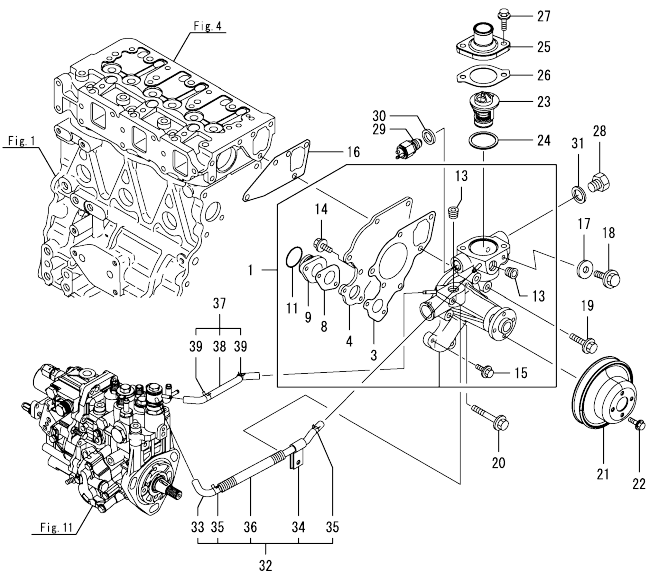
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129001-32002	PUMP ASSY, OIL	1							
13	1	129150-32020	GASKET, PUMP	1							
14	1	26450-060252	BOLT, M6X 25	4							
15	1	119802-34802	DIPSTICK	1							
16	1	121520-34810	GUIDE, DIPSTICK	1							
17	1	129150-35042	GASKET	1							
18	1	119810-35300	PIPE ASSY, OIL INLET	1							
22	1	26106-080352	BOLT, M8X 35 PLATED	2							
23	1	129508-33031	COOLER ASSY, OIL	1							
24	2	129508-33060	PACKING, OIL COOLER	1							
25	1	129417-33111	NUT, OIL COOLER	1							
26	1	129006-35100	BRACKET ASSY, FILTER	1							
28	2	129417-35150	BOLT, STUD M20X67	1							
29	1	129150-35111	GASKET	1							
31	1	129006-44480	JOINT	1							
32	1	129508-49030	HOSE ASSY, WATER	1							
33	2	171008-03990	CLAMP, HOSE 18.5	1							
35	2	23080-015000	CLAMP, 15	1							
36	1	129508-49040	HOSE ASSY, WATER	1							
37	2	171008-03990	CLAMP, HOSE 18.5	1							
39	2	119940-59130	TUBE, CORRUGATED 19	1							
40	2	23080-015000	CLAMP, 15	1							
41	1	119944-49300	ELBOW, PT3/8	1							
42	1	26106-080202	BOLT, M8X 20 PLATED	3							
43	1	114250-39450	SWITCH, HYDRAULIC	1							
44	1	124160-39140	BOLT, PIPE JOINT M10	1							
45	1	119802-39450	PIPE ASSY, OIL	1							
46	1	129005-59830	BOLT ASSY, JOINT M8	1							
47	2	22190-080002	WASHER, SEAL 8	1							
48	2	23857-030000	BOLT, JOINT 3	1							
49	1	22190-080002	WASHER, SEAL 8	1							
50	1	22190-100002	WASHER, SEAL 10	2							
51	1	26366-060002	NUT, M6	1							
52	1	171056-49120	PLUG, DRAIN R1/4	1							
53	1	129150-35153	FILTER ASSY, D80X80L	1							1

Remarks
(1)Spare parts.

N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.10. COOLING WATER SYSTEM



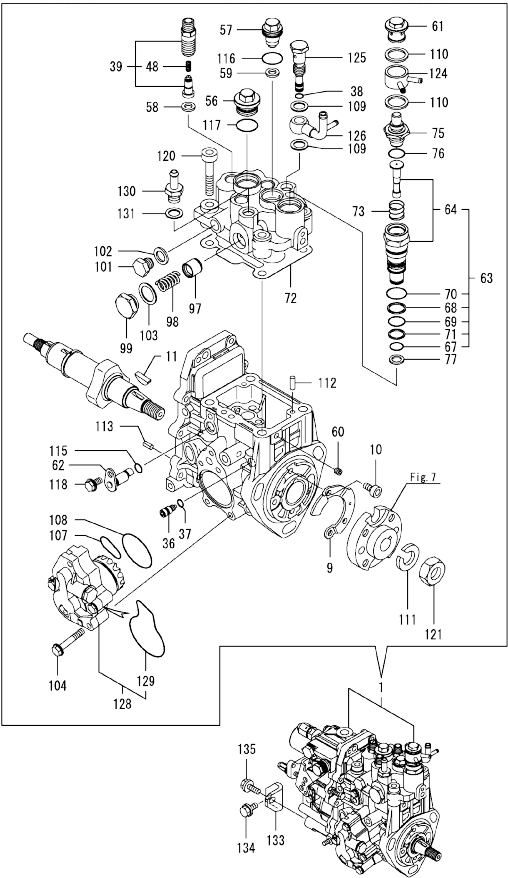
OCD50-M01470 Fig.10

(A)=3TNV82A-BDHTR
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119802-42001	PUMP ASSY, WATER	1							
3	2	119810-42051	GASKET, WATER PUMP	1							
4	2	119810-42120	PLATE, PUMP	1							
8	2	119810-42281	GASKET, WATER PUMP	1							
9	2	119810-42290	PIPE, PUMP	1							
11	2	129054-42320	O-RING	1							
13	2	23876-030000	PLUG, R03	2							
14	2	26106-060142	BOLT, M6X 14 PLATED	2							
15	2	26106-060202	BOLT, M6X 20 PLATED	2							
16	1	129486-42050	GASKET, WATER PUMP	1							
17	1	23414-080000	GASKET, 8X1.0	1							
18	1	26106-080122	BOLT, M8X 12 PLATED	1							
19	1	26106-080352	BOLT, M8X 35 PLATED	1							
20	1	26106-080552	BOLT, M8X 55 PLATED	3							
21	1	129403-42380	V-PULLEY, D=110	1							
22	1	26106-060162	BOLT, M6X 16 PLATED	4							
23	1	129155-49801	THERMOSTAT, 71C	1							
24	1	129150-49811	GASKET, THERMOSTAT	1							
25	1	129350-49530	COVER, THERMOSTAT	1							
26	1	129795-49551	GASKET	1							
27	1	26106-080222	BOLT, M8X 22 PLATED	2							
28	1	121450-42450	PLUG, M16	1							
29	1	121250-44901	SWITCH, THERMO 110	1							
30	1	124465-44950	GASKET, 16	1							
31	1	124465-44950	GASKET, 16	1							
32	1	119802-49610	HOSE ASSY, WATER	1							
33	2	119802-49711	HOSE ASSY, WATER	1							
34	2	119802-49730	RETAINER, PIPE	1							
35	2	124722-59050	CLAMP, HOSE 9	2							
36	2	119802-59320	TUBE, CORRUGATED	1							
37	1	119802-49620	HOSE ASSY, WATER	1							
38	2	119802-49721	HOSE ASSY, WATER	1							
39	2	124722-59050	CLAMP, HOSE 9	2							

Fig.11. FUEL INJECTION PUMP



Remarks
(1)Governor(Fig.12) is incorporated in this Fuel Injection Pump(No.1).

OCD50-M01470 Fig.11									
(A)=3TNV82A-BDHTR									
(D)=									
(E)=									
(F)=									
Q'ty									
I R									
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	719933-51301	PUMP ASSY, INJECTION	1					1
9	2	129008-51900	COVER, PUMP	1					
10	2	129008-51920	BOLT, SOCKET M6X10	2					
11	2	119802-51090	FEATHER KEY, 4X16	1					
36	2	158600-51270	STOPPER, TAPPET	1					
37	2	158563-51281	O-RING, 4D S6	1					
38	2	158563-51281	O-RING, 4D S6	1					
39	2	129008-51390	VALVE ASSY, DELIVERY	3					
48	3	158563-51330	SPRING, DELIVERY	3					
56	2	158601-51550	PLUG, M22	1					
57	2	119802-51560	PLUG, M14	1					
58	2	158552-51571	GASKET, PLUG	3					
59	2	158552-51571	GASKET, PLUG	1					
60	2	158557-51570	PLUG, RACK	1					
61	2	158601-51570	PLUG	1					
62	2	158552-51580	LIFTER, LINK	1					
63	2	119802-51590	TIMER ASSY	1					
64	3	119802-51600	TIMER ASSY	1					
67	3	158553-51670	O-RING	1					
68	3	119802-51680	RING, BACKUP	1					
69	3	119802-51690	O-RING	1					
70	3	24356-190200	O-RING, 4D19020	1					
71	3	24372-000150	RING, BACK UP T2P15	1					
72	2	158552-51600	GASKET	1					
73	2	158553-51630	SPRING, TIMER	1					
75	2	158553-51650	THERMOELEMENT	1					
76	2	158553-51660	O-RING, P14	1					
77	2	158553-51680	GASKET, TIMER	1					
97	2	158601-51770	PISTON, ACCUMULATOR	1					
98	2	158552-51781	SPRING, ACCUMULATOR	1					
99	2	158601-51790	PLUG	1					
101	2	158553-51930	PLUG, M12	1					
102	2	22190-120002	WASHER, SEAL 12	1					
103	2	22190-180002	WASHER, SEAL 18	1					
104	2	158553-51770	BOLT	4					
107	2	158552-52311	O-RING	1					
108	2	158552-52400	O-RING, 4E S42	1					
109	2	22190-120002	WASHER, SEAL 12	2					
110	2	22190-180002	WASHER, SEAL 18	2					
111	2	22217-140000	WASHER, SPRING 14	1					
112	2	22312-050140	PIN, PARALLEL 5X14	2					
113	2	22351-050010	PIN, SPRING 5.0X10	2					
115	2	24311-000070	O-RING, 1AP7.0	1					
116	2	24356-190180	O-RING, 4D19018	1					
117	2	24356-190200	O-RING, 4D19020	1					
118	2	26106-060102	BOLT, M6X 10 PLATED	1					
120	2	26450-080452	BOLT, M8X 45	4					
121	2	26776-140002	NUT, LOCK M14	1					
124	2	158553-51551	JOINT, COOLING WATER	1					
125	2	158601-51650	JOINT, OVER FLOW	1					
126	2	158552-51670	JOINT, OVER FLOW	1					

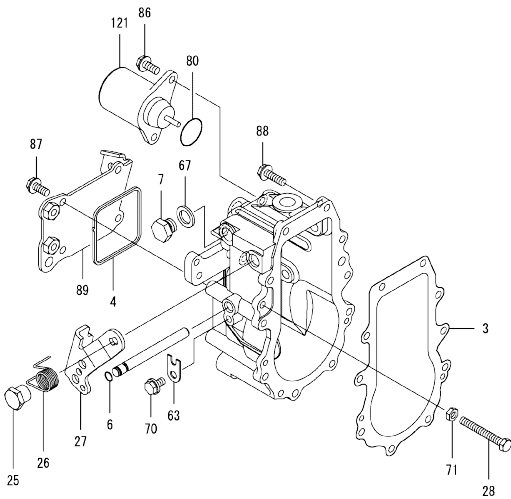
N:Old, N:New, O:Old, O:New, R:Old, R:New, S:Old, S:New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++



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:Qty Change

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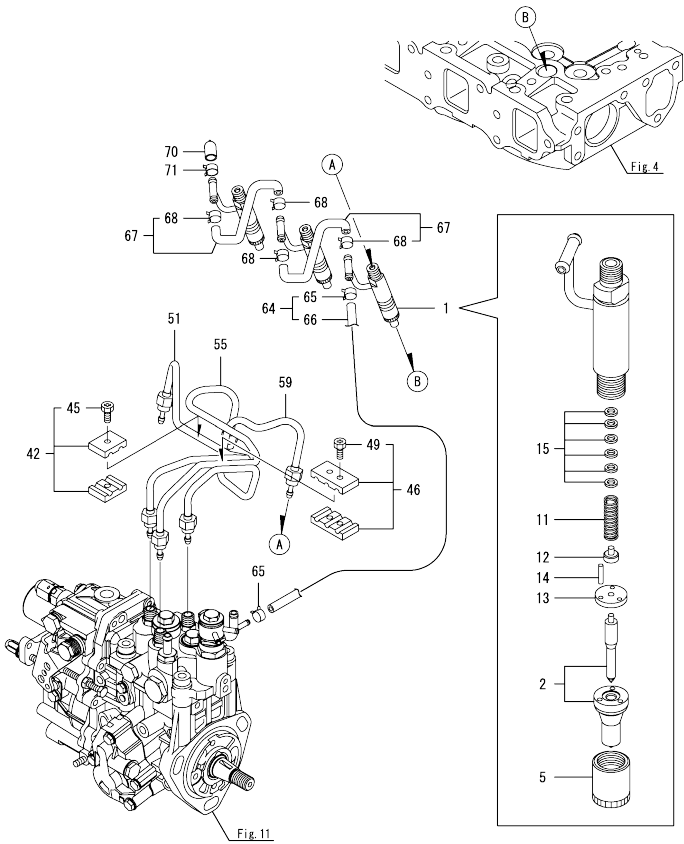
Fig.12. GOVERNOR



Remarks
* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.11).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	2	158553-61050	GASKET	1							
4	2	158553-61070	GASKET	1							
6	2	129155-61280	O-RING, S6	1							
7	2	158553-51930	PLUG, M12	1							
25	2	129255-61410	NUT, M8	1							
26	2	119807-61420	SPRING, RETURN	1							
27	2	158552-61441	LEVER, REGULATOR	1							
28	2	129155-61460	BOLT, LIMITING	1							
63	2	119660-61901	STOPPER, SHAFT	1							
67	2	22190-120002	WASHER, SEAL 12	1							
70	2	26106-060102	BOLT, M6X 10 PLATED	1							
71	2	26756-060002	NUT, LOCK M6	1							
80	2	158552-61900	O-RING	1							
86	2	26106-060142	BOLT, M6X 14 PLATED	2							
87	2	26106-060142	BOLT, M6X 14 PLATED	4							
88	2	26106-060202	BOLT, M6X 20 PLATED	10							
89	2	158552-61061	COVER, GOVERNOR CASE	1							
121	2	119653-77950	SOLENOID, STOP	1							

Fig.13. FUEL INJECTION VALVE

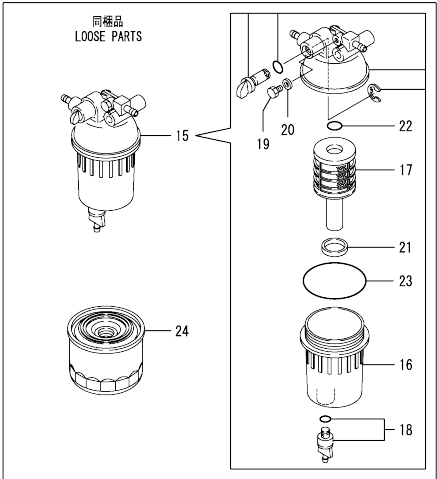
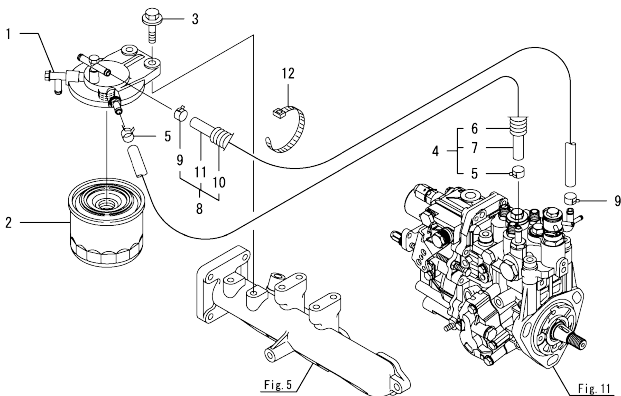


(A)=3TNV82A-BDHTR
(B)=
(C)=

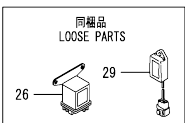
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729008-53100	VALVE ASSY,INJECTION	3							
2	2	129008-53000	VALVE ASSY,INJECTION	3							
5	2	114250-53080	NUT, NOZZLE	3							
11	2	114250-53120	SPRING, NOZZLE	3							
12	2	114250-53130	SEAT, SPRING	3							
13	2	114250-53140	SPACER	3							
14	2	114250-53210	PIN	6							
15	2	119803-53400	SHIM SET	3							
42	1	119305-59120	RETAINER, PIPE	1							
45	2	129150-59131	BOLT, M4X14	1							
46	1	129150-59120	RETAINER, PIPE	1							
49	2	129150-59131	BOLT, M4X14	2							
51	1	119802-59960	PIPE ASSY, INJECTION	1							
55	1	119802-59970	PIPE ASSY, INJECTION	1							
59	1	119802-59980	PIPE ASSY, INJECTION	1							
64	1	119802-59550	HOSE ASSY, RETURN	1							
65	2	124722-59050	CLAMP, HOSE 9	2							
66	2	119802-59560	HOSE, FUEL RETURN	1							
67	1	129486-59551	HOSE ASSY, RETURN	2							
68	2	124722-59050	CLAMP, HOSE 9	4							
70	1	119593-59581	CAP	1							
71	1	124060-77680	CLAMP, HOSE 10	1							

Fig.14. FUEL PIPE



				(A)=3TNV82A-BDHTR		OCD50-M01470 Fig.14					
				(B)=		(D)=					
				(C)=		(E)=					
						(F)=					
						Q'ty					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129004-55612	BRACKET, FILTER	1							
2	1	119802-55801	FILTER, FUEL	1							
3	1	26106-080302	BOLT, M8X 30 PLATED	2							
4	1	129044-59010	HOSE ASSY, D13XL220	1							
5	2	124766-59050	CLAMP, HOSE 11.5	2							
6	2	129044-59100	TUBE, CORRUGATED 15	1							
7	2	129044-59510	HOSE, FUEL L=220	1							
8	1	129630-59010	HOSE ASSY, FUEL	1							
9	2	124766-59050	CLAMP, HOSE 11.5	2							
10	2	129961-59110	TUBE, CORRUGATED 15	1							
11	2	105025-59560	HOSE, FUEL	1							
12	1	121750-59890	BAND, NYLON	1							
15	1	129242-55701	SEPARATOR ASSY,WATER	1							
16	2	129242-55720	CUP, SEPARATOR	1							
17	2	129242-55730	ELEMENT, FUEL	1							
18	2	129242-55740	PLUG, DRAIN	1							
19	2	129242-55750	VALVE, AIR VENT	1							
20	2	129242-55760	GASKET, PLUG	1							
21	2	129242-55770	FLOAT	1							
22	2	24311-000160	O-RING, 1AP16.0	1							
23	2	24321-000750	O-RING, 1AG75.0	1							
24	1	119802-55801	FILTER, FUEL	1							

[illegible]

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114250-53080	13	5
114250-53120	13	11
114250-53130	13	12
114250-53140	13	13
114250-53210	13	14
118400-77170	15	11
119131-18320	6	5
119305-59120	13	42
119593-59581	13	70
119609-32040	2	9
119620-02020	1	9
119625-11880	4	28
119640-01640	3	7
119650-77911	15	26
119653-77950	12	121
119660-61901	12	63
119717-02930	1	15
119802-01561	2	5
119802-03010	4	37
119802-03090	5	1
119802-03110	4	39
119802-03121	4	40
119802-03130	4	41
119802-03141	4	42
119802-11100	4	19
119802-11110	4	20
119802-11241	4	1
119802-11251	4	2
119802-11260	4	4
119802-11270	4	5
119802-11280	4	6
119802-11310	4	44
119802-11350	4	36
119802-11650	4	8
119802-11810	4	56
119802-11870	4	27
119802-11900	4	29
119802-12130	5	4
119802-13641	6	4
119802-14580	7	3
119802-21650	8	8
119802-22500	8	17
119802-22950	8	34
119802-25071	7	20
119802-25101	7	10
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119802-42001	10	1
119802-49610	10	32
119802-49620	10	37
119802-49711	10	33
119802-49721	10	38
119802-49730	10	34
119802-51090	11	11
119802-51250	11	133
119802-51560	11	57
119802-51590	11	63
119802-51600	11	64
119802-51680	11	68
119802-51690	11	69
119802-55801	14	2
		24
119802-59320	10	36
119802-59550	13	64
119802-59560	13	66
119802-59960	13	51
119802-59970	13	55
119802-59980	13	59
119803-11340	4	23
119803-11700	4	13
119803-21000	8	1
119803-21200	8	4
119803-22080	8	15
119803-25050	7	9
119803-53400	13	15
119803-77821	4	53
119803-77830	4	54
119807-61420	12	26
119810-01200	1	27
119810-01730	3	5
119810-01770	3	6
119810-02871	1	32
119810-02941	1	35
119810-11120	4	21
119810-12112	5	3
119810-13110	6	2
119810-14400	7	2
119810-23200	8	26
119810-23601	8	27
119810-23611	8	30
119810-23910	8	29
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119810-42051	10	3
119810-42120	10	4
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119812-01330	1	28
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119852-13220	6	3
119865-21600	8	14
119888-13101	6	1
119933-21590	8	12
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121023-01551	2	22
121111-21501	8	11
121250-44901	10	29
121450-42450	10	28
121520-34810	9	16
121750-59890	14	12
121850-21680	8	10
121850-51960	2	10
124060-01050	1	4
124060-11800	4	55
124060-77680	13	71
124160-01751	2	6
	4	35
124160-01910	1	6
		7
124160-11340	4	24
124160-11360	4	47
124160-39140	9	44
124195-77770	15	23
124240-01871	2	7
		19
124465-44950	10	30
		31
124722-59050	10	35
		39
	13	65
		68
124766-59050	14	5
		9
128300-77920	15	29
129001-01250	1	5
129001-32002	9	1
129004-13200	6	7
129004-55612	14	1
129005-59830	9	46
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129044-59100	14	6
129044-59510	14	7
129054-42320	10	11
129100-01580	3	1
		12
	8	2
129129-01600	3	2
129150-02450	7	4
129150-03070	4	38
129150-11230	4	9
129150-11280	4	7
129150-11750	4	11
129150-14101	7	6
129150-14200	7	1
129150-25301	7	14
129150-32020	9	13
129150-35042	9	17
129150-35111	9	29
129150-35153	9	53
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129155-49801	10	23
129155-51280	12	6
129155-61460	12	28
129242-55701	14	15
129242-55720	14	16
129242-55730	14	17
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129242-55750	14	19
129242-55760	14	20
129242-55770	14	21
129242-77010	15	1
129242-77100	15	3
129242-77110	15	4
129242-77120	15	5
129242-77130	15	6
129242-77140	15	7
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129403-42380	10	21
129410-03990	5	2
129417-33111	9	25
129417-35150	9	28
129430-26071	7	16
129486-01670	3	16
129486-12581	5	6
129486-42050	10	16
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129604-01520	2	4
129630-59010	14	8
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129648-01780	3	15
129698-77020	15	2
129698-77190	15	13
129698-77200	15	14
129698-77220	15	16
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129698-77250	15	18
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129795-21661	8	9
129795-49551	10	26
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129961-59110	14	10
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24321-000750	14	23
24321-000800	7	17
24341-000240	2	23
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26366-060002	9	51
26450-060252	9	14
26450-080452	11	120
26756-060002	12	71
26776-140002	11	121
27241-120000	1	13
27241-300000	1	14
27241-400000	4	18
27310-070001	4	25
719802-01560	1	1
719803-22900	8	32
719810-02981	1	29
719810-23100	8	23
719933-51301	11	1
729008-53100	13	1
729652-01500	2	1
X2114535200	15	20