

0CD50-M05170EN

P R E F A C E

This parts catalog is the 1st edition of 3TNV80F-SPANM for A TECH EL THERMO.

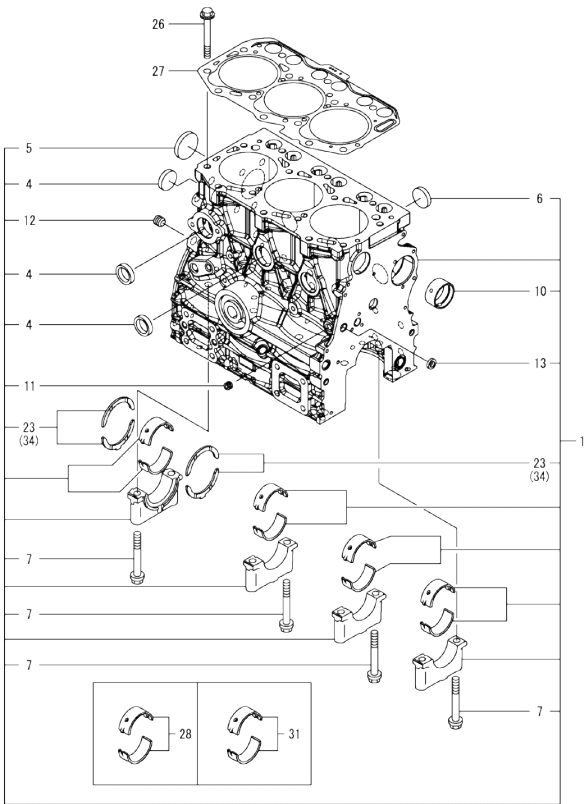
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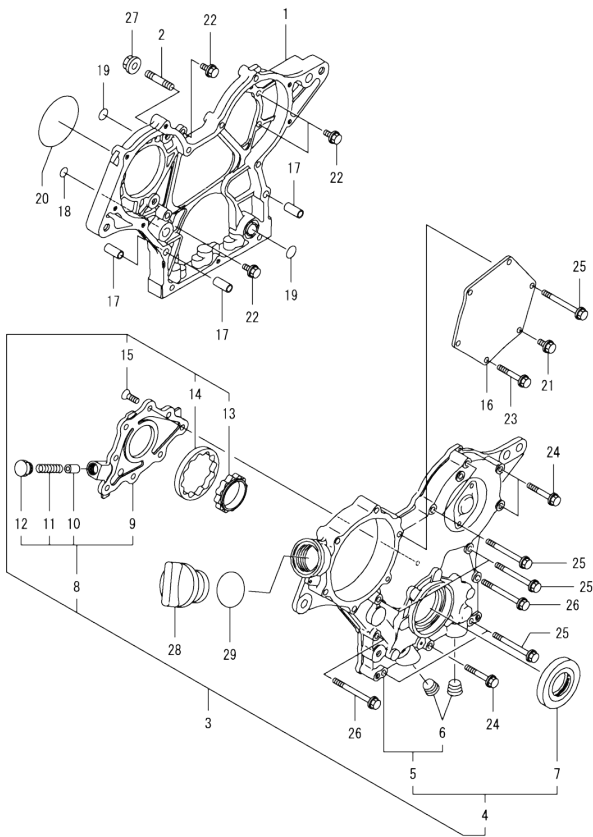
Fig.1. CYLINDER BLOCK



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119E00-01560	BLOCK ASSY, CYLINDER	1							
4	2	105311-01090	PLUG, 30	4							
5	2	119623-01250	PLUG, 45	1							
6	2	119285-01990	PLUG, 25	3							
7	2	119620-02020	BOLT, METAL CAP	8							
10	2	119717-02411	BUSH, CAMSHAFT	1							
11	2	124060-01050	PLUG, PT1/8	1							
12	2	124160-01910	PLUG, PT1/4	1							
13	2	27241-120000	PLUG, 12	1							
23	2	119717-02930	METAL ASSY, THRUST	2							
26	1	119810-01200	BOLT, CYLINDER HEAD	14							
27	1	119E10-01330	GASKET SET, HEAD	1							
28	1	719717-02901	METAL ASSY, MAIN	4							1
31	1	719717-02911	METAL ASSY, MAIN .25	4							2
34	1	119810-02941	METAL ASSY, 0.25 OS	2							3

Fig.2. GEAR HOUSING

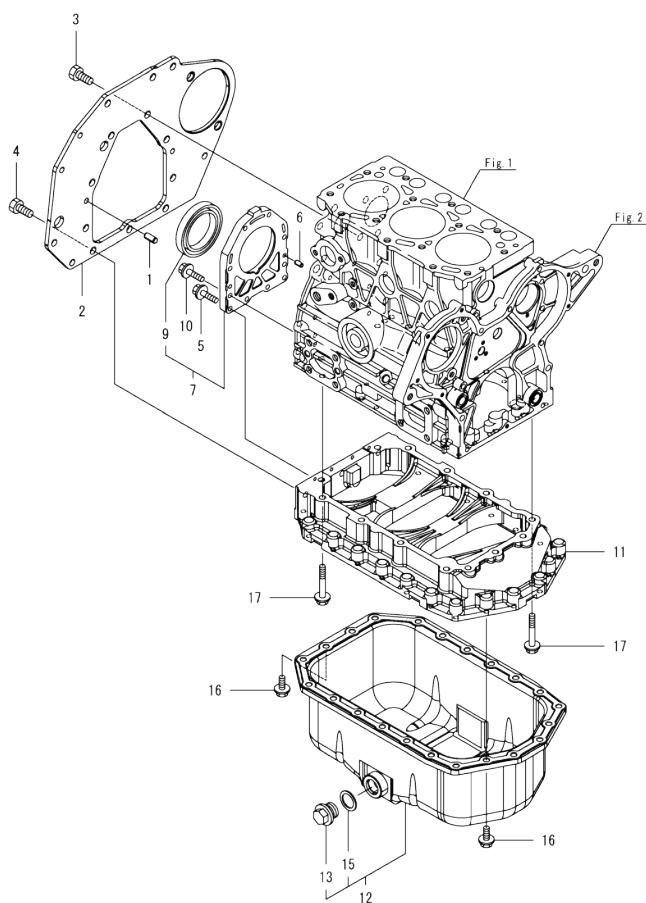


(A)=3TNV80F-SPANM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-01501	CASE, GEAR	1							
2	1	119717-01570	STUD	3							
3	1	119734-01590	COVER ASSY, CASE	1							
4	2	719734-01500	COVER ASSY, CASE	1							
5	3	119717-01521	COVER, GEAR CASE	1							
6	4	23876-030000	PLUG, R03	2							
7	3	119717-01800	SEAL, OIL	1							
8	2	119717-32100	COVER ASSY, PUMP	1							
9	3	119717-32080	COVER, OIL PUMP	1							
10	3	129900-32130	VALVE, RELIEF	1							
11	3	129001-32320	SPRING	1							
12	3	129001-32330	PLUG	1							
13	2	119717-32110	ROTOR, INNER	1							
14	2	119717-32120	ROTOR, OUTER	1							
15	2	119802-32130	SCREW, M6X16	8							
16	1	119717-01750	COVER, PUMP	1							
17	1	119660-01911	PIPE, KNOCK 6X17	4							
18	1	119624-32040	O-RING, P12.0	1							
19	1	119717-32050	O-RING, P17.0	3							
20	1	121850-51960	O-RING, FUEL PUMP	1							
21	1	26106-060122	BOLT, M6X 12 PLATED	1							
22	1	26106-060162	BOLT, M6X 16 PLATED	4							
23	1	26106-060402	BOLT, M6X 40 PLATED	4							
24	1	26106-060402	BOLT, M6X 40 PLATED	3							
25	1	26106-060602	BOLT, M6X 60 PLATED	7							
26	1	26106-060652	BOLT, M6X 65 PLATED	2							
27	1	26306-080002	NUT, M8	3							
28	1	124160-01751	CAP, FILLER	1							
29	1	24311-000320	O-RING, 1AP32.0	1							

Fig.3. FLYWHEEL HOUSING & OIL SUMP



(A)=3TNV80F-SPANM
(B)=
(C)=

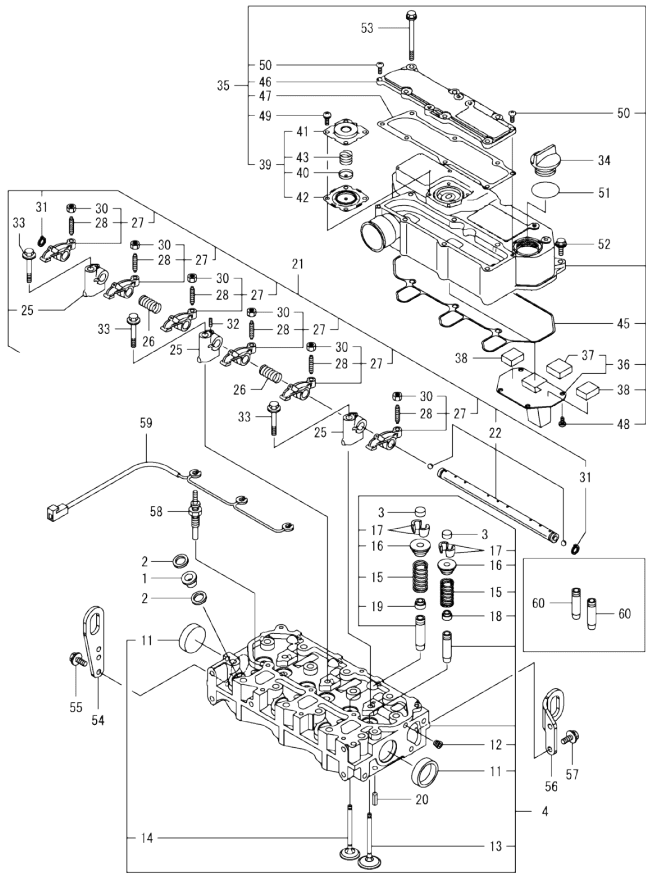
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, PARALLEL 8X16	2							
2	1	119718-01600	FLANGE, MOUNTING	1							
3	1	26206-100202	BOLT, M10X 20 PLATED	7							
4	1	26206-100252	BOLT, M10X 25 PLATED	3							
5	1	119285-01580	BOLT, M46X22	4							
6	1	119620-01620	PIN, PARALLEL M6X10	2							
7	1	119718-01640	CASE ASSY, OIL SEAL	1							
9	2	119734-02220	SEAL, OIL WHEEL SIDE	1							
10	1	26106-060222	BOLT, M6X 22 PLATED	6							
11	1	119717-01740	SPACER, OIL PAN	1							
12	1	129100-01760	OIL PAN ASSY	1							
13	2	119640-01640	PLUG, DRAIN M22	1							
15	2	22190-220002	WASHER, SEAL 22	1							
16	1	26106-080122	BOLT, M8X 12 PLATED	22							
17	1	26106-080452	BOLT, M8X 45 PLATED	13							

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.4. CYLINDER HEAD & BONNET



Remarks
(1)Spare parts.

(A)=3TNV80F-SPANM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129901-11450	PROTECTOR, NOZZLE	3							
2	1	119600-11460	GASKET, NOZZLE	6							
3	1	105010-11490	CAP, VALVE	6							
4	1	119E10-11740	HEAD ASSY, CYLINDER	1							
11	2	119285-11990	PLUG, 35	2							
12	2	23876-005000	PLUG, R005	1							
13	2	119E10-11100	VALVE, INTAKE	3							
14	2	119E10-11110	VALVE, EXHAUST	3							
15	2	119717-11131	SPRING, VALVE	6							
16	2	129508-11180	RETAINER, SPRING	6							
17	2	119717-11190	COTTER, VALVE	12							
18	2	119717-11340	SEAL, VALVE STEM	3							
19	2	119717-11350	SEAL, VALVE STEM	3							
20	1	22351-060012	PIN, SPRING 6.0X12	2							
21	1	119717-11200	SUPPORT ASSY, ROCKER	1							
22	2	119717-11240	SHAFT ASSY, ARM	1							
25	2	119717-11260	SUPPORT, ROCKER ARM	3							
26	2	119620-11280	SPRING, SHAFT	2							
27	2	119717-11650	ARM ASSY, ROCKER INT	6							
28	3	129150-11230	SCREW, VALVE ADJUST	6							
30	3	129150-11750	NUT, M8XP1.0	6							
31	2	22242-000120	RING, 12	2							
32	2	26979-050162	SCREW, M5X16	1							
33	1	26106-080402	BOLT, M8X 40 PLATED	3							
34	1	124160-01751	CAP, FILLER	1							
35	1	119717-11381	BONNET ASSY, HEAD	1							
36	2	119717-03031	PLATE, BAFFLE	1							
37	3	119717-03070	BAFFLE, BREATHER	1							
38	2	119717-03070	BAFFLE, BREATHER	2							
39	2	119802-03100	DIAPHRAGM ASSY	1							
40	3	119802-03110	PLATE, DIAPHRAGM	1							
41	3	119802-03121	COVER, DIAPHRAGM	1							
42	3	119802-03131	DIAPHRAGM, BREATHER	1							
43	3	119802-03141	SPRING, DIAPHRAGM	1							
45	2	119718-11310	GASKET, BONNET	1							
46	2	119717-11320	COVER, BONNET	1							
47	2	119717-11331	GASKET, BONNET COVER	1							
48	2	22857-500100	SCREW, 5X10	4							
49	2	22857-500100	SCREW, 5X10	4							
50	2	22857-500160	SCREW, 5X16	2							
51	1	24311-000320	O-RING, 1AP32.0	1							
52	1	26106-060202	BOLT, M6X 20 PLATED	3							
53	1	26106-060752	BOLT, M6X 75 PLATED	6							
54	1	119226-07900	LIFTER, ENGINE	1							
55	1	26106-080162	BOLT, M8X 16 PLATED	2							
56	1	119718-07950	LIFTER	1							
57	1	26106-080162	BOLT, M8X 16 PLATED	2							
58	1	119717-77801	PLUG, GLOW	3							
59	1	119717-77820	CONNECTOR, GLOW PLUG	1							
60	1	119717-11800	GUIDE, VALVE	6							1

Fig.5. EXHAUST MANIFOLD



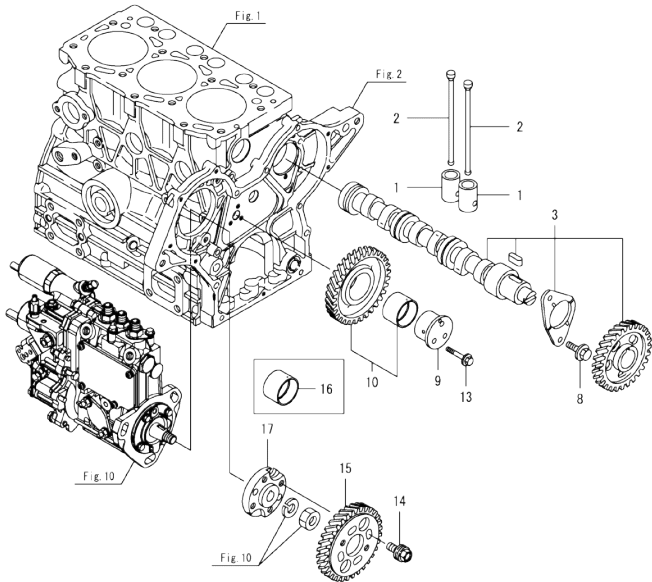
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119717-13110	GASKET, MANIFOLD	1							
2	1	119734-13110	MANIFOLD, EXHAUST	1							
3	1	119717-13600	STUD, M8X50	2							
4	1	129E00-13610	BOLT, M8X50 10.9	4							
5	1	119131-18320	STUD, M8X22	4							
6	1	26306-080002	NUT, M8	2							

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.6. CAMSHAFT & DRIVING GEAR



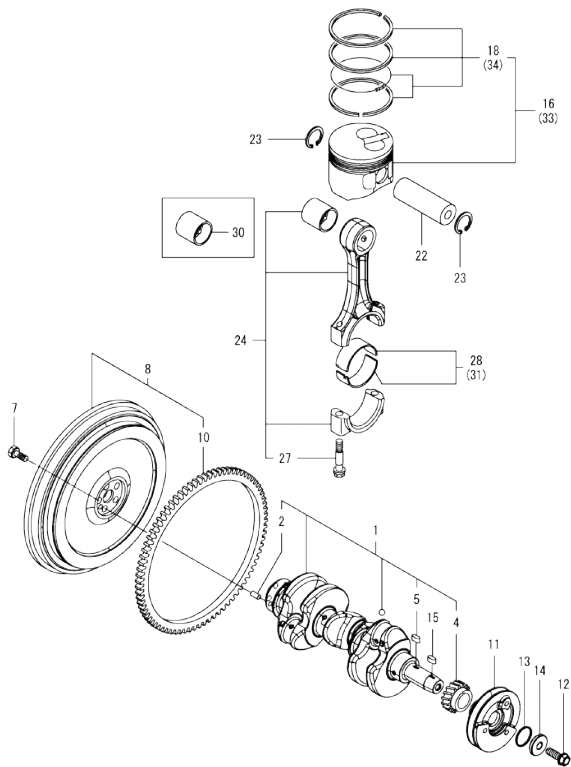
Remarks
(1)Spare parts.

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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	119620-14200	TAPPET	6							
2	1	119717-14400	ROD, PUSH	6							
3	1	119717-14581	CAMSHAFT ASSY	1							
8	1	26106-060122	BOLT, M6X 12 PLATED	2							
9	1	119717-25050	SHAFT, IDLE GEAR	1							
10	1	119717-25101	GEAR ASSY, IDLE	1							
13	1	26106-060352	BOLT, M6X 35 PLATED	3							
14	1	129150-25301	BOLT, INJECTION PUMP	4							
15	1	119717-25930	GEAR, PUMP	1							
16	1	119717-25911	BUSH, IDLE GEAR	1							1
17	1	119717-51150	FLANGE, CAMSHAFT	1							

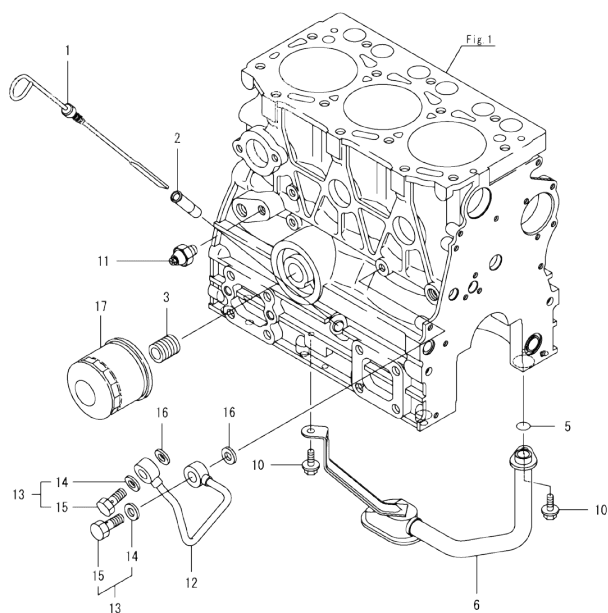
Fig.7. CRANKSHAFT & PISTON



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119E10-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, PARALLEL 8X16	1							
4	2	119717-21200	GEAR, CRANKSHAFT	1							
5	2	22512-040120	KEY, 4X 12	1							
7	1	119620-21500	BOLT, FLYWHEEL	5							
8	1	119E18-21590	FLYWHEEL ASSY	1							
10	2	124060-21600	GEAR, RING Z=105	1							
11	1	119C10-21650	V-PULLEY, CRANKSHAFT	1							
12	1	119621-21681	BOLT, FLANGE 12X1.25	1							
13	1	119C10-21931	PACKING, WASHER	1							
14	1	119C10-21940	WASHER, V-PULLEY	1							
15	1	22512-040120	KEY, 4X 12	1							
16	1	119E11-22080	PISTON ASSY	3							
18	2	119E10-22500	RING SET, PISTON	3							
22	1	119E10-22300	PIN, PISTON	3							
23	1	22252-000220	RING, 22	6							
24	1	119E10-23001	ROD ASSY, CONNECTING	3							
27	2	119717-23200	BOLT, CONNECTING ROD	6							
28	1	119717-23601	METAL ASSY,CRANK PIN	3							
30	1	119717-23911	BUSH, PISTON PIN	3							1
31	1	119717-23611	METAL ASSY, PIN .25	3							2
33	1	119E11-22900	PISTON ASSY, 0.25 OS	3							3
34	2	119E10-22550	RING SET, PISTON .25	3							3

Fig.8. LUB. OIL SYSTEM



Remarks
(1) Spare parts.

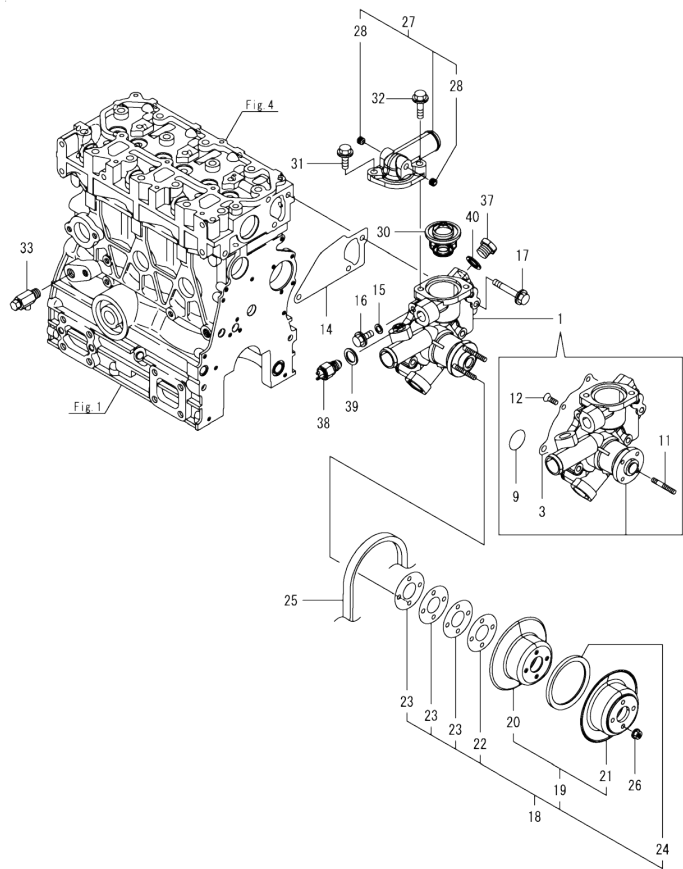
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-34801	DIPSTICK, OIL	1							
2	1	121520-34810	GUIDE, DIPSTICK	1							
3	1	119717-35140	STUD	1							
5	1	119717-32060	O-RING, P15.0	1							
6	1	119717-35080	PIPE ASSY, OIL INLET	1							
10	1	26106-060102	BOLT, M6X 10 PLATED	2							
11	1	121252-39450	SWITCH, HYDRAULIC	1							
12	1	119717-39210	PIPE, PUMP	1							
13	1	129005-59830	BOLT ASSY, JOINT M8	2							
14	2	22190-080002	WASHER, SEAL 8	2							
15	2	23857-030000	BOLT, JOINT 3	2							
16	1	22190-080002	WASHER, SEAL 8	2							
17	1	119305-35151	FILTER ASSY, D68XL65	1							1

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.9. COOLING WATER SYSTEM

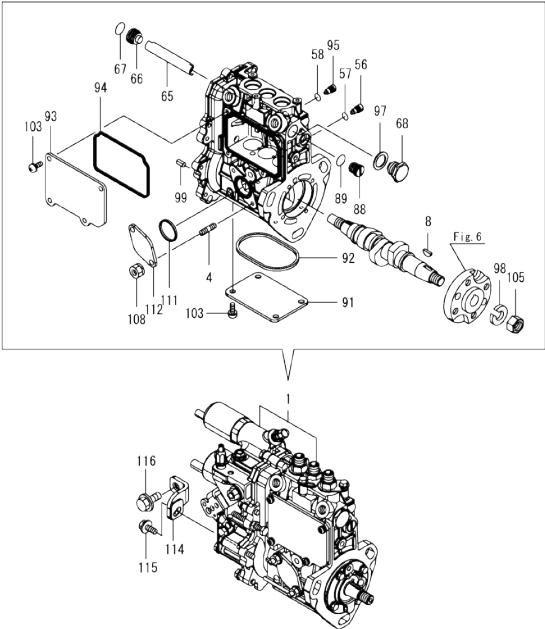


(A)=3TNV80F-SPANM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119715-42001	PUMP ASSY, CW	1							
3	2	119717-42031	GASKET, WATER PUMP	1							
9	2	119C10-42320	O-RING, 2028	1							
11	2	26216-060202	STUD, M6X 20	4							
12	2	26577-060122	SCREW, M6X12	4							
14	1	119717-42020	GASKET, WATER PUMP	1							
15	1	23414-080000	GASKET, 8X1.0	1							
16	1	26106-080122	BOLT, M8X 12 PLATED	1							
17	1	26106-080502	BOLT, M8X 50 PLATED	3							
18	1	119718-42400	V-PULLEY ASSY	1							
19	2	119718-42300	V-PULLEY SET	1							
20	3	119718-42350	V-PULLEY, A	1							
21	3	119718-42360	V-PULLEY, B	1							
22	2	119309-42370	SHIM, V-PULLEY	1							
23	2	124085-42370	SHIM, V-PULLEY	3							
24	2	119718-42380	SPACER, PULLEY	1							
25	1	25152-002900	V-BELT, A29	1							
26	1	26366-060002	NUT, M6	4							
27	1	119718-49550	COVER ASSY	1							
28	2	119285-01731	PLUG, SCREW NPT1/8	2							
30	1	119717-49800	THERMOSTAT, 71C	1							
31	1	26106-080202	BOLT, M8X 20 PLATED	1							
32	1	26106-080302	BOLT, M8X 30 PLATED	1							
33	1	119620-49290	COCK ASSY, 1/4	1							
37	1	121450-42450	PLUG, M16	1							
38	1	121250-44901	SWITCH, TEMPERATURE	1							
39	1	124465-44950	GASKET, 16	1							
40	1	124465-44950	GASKET, 16	1							

Fig.10. FUEL INJECTION PUMP



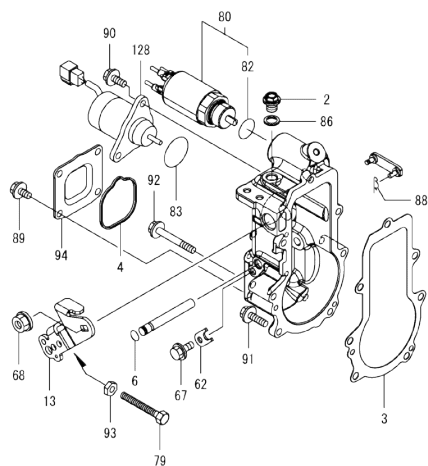
(A)=3TNV80F-SPANM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719E40-51480	FIE ASSY	1							1
4	2	129155-51020	STUD	2							
8	2	122710-51090	KEY, FEATHER	1							
56	2	158600-51270	STOPPER, TAPPET	3							
57	2	129155-51280	O-RING, S6	3							
58	2	129155-51280	O-RING, S6	1							
65	2	129155-51400	PROTECTOR	1							
66	2	158600-51410	PLUG, DEFLIFTER M12	1							
67	2	119717-51420	O-RING	1							
68	2	158600-51420	PLUG, DEFLIFTER M16	1							
88	2	158600-51570	PLUG, RACK	1							
89	2	129155-51580	O-RING	1							
91	2	129155-51701	COVER, PUMP BOTTOM	1							
92	2	119717-51711	GASKET, PUMP	1							
93	2	119717-51750	COVER, BODY SIDE	1							
94	2	119717-51761	GASKET, PUMP COVER	1							
95	2	158600-51790	STOPPER, RACK	1							
97	2	22190-160002	WASHER, SEAL 16	1							
98	2	22217-120000	WASHER, SPRING 12	1							
99	2	22351-050010	PIN, SPRING 5.0X10	2							
103	2	26022-050122	SCREW, M5X12	8							
105	2	26716-120002	NUT, M12	1							
108	2	119717-51860	NUT, M6	2							
111	2	129155-52051	GASKET, PUMP COVER	1							
112	2	129100-52200	COVER, FEED PUMP	1							
114	1	119E10-51250	SUPPORT	1							
115	1	26106-060162	BOLT, M6X 16 PLATED	1							
116	1	26106-080162	BOLT, M8X 16 PLATED	1							

Remarks

(1)Governor(Fig.11) is incorporated in this Fuel Injection Pump(No.1).

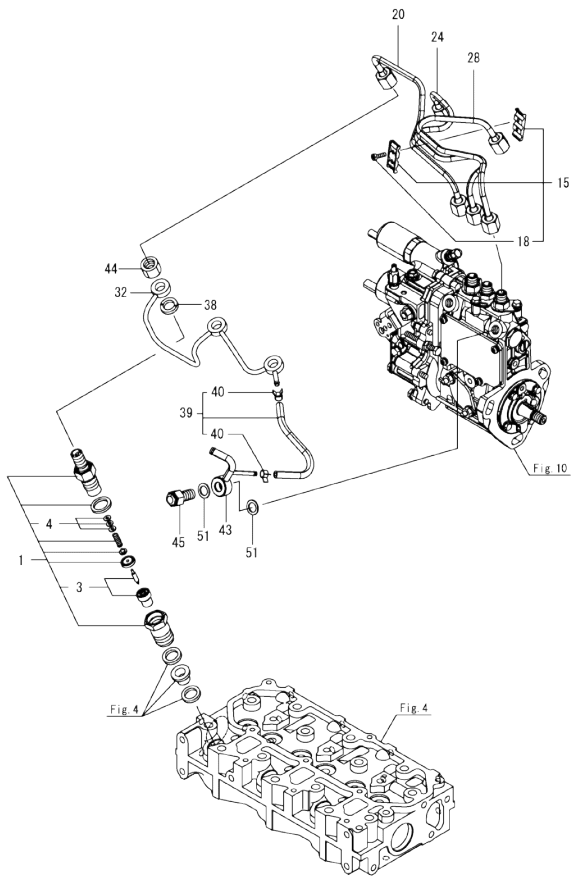


* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.10).

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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119717-51930	PLUG, M10	1							
3	2	119717-61050	GASKET, CASE	1							
4	2	119717-61070	GASKET, COVER	1							
6	2	129155-51280	O-RING, S6	1							
13	2	119515-61440	LEVER, CONTROL	1							
62	2	119660-61901	STOPPER, SHAFT	1							
67	2	26106-060102	BOLT, M6X 10 PLATED								
68	2	26366-080002	NUT, M8	1							
79	2	129155-61461	BOLT, IDLE LIMIT	1							
80	2	119C00-61901	SOLENOID, POWER CONT	1							
82	3	24357-240200	PACKING, 24020	1							
83	2	158552-61900	O-RING	1							
86	2	22190-100002	WASHER, SEAL 10	1							
88	2	22372-040000	PIN, SNAP 4	1							
89	2	26106-060102	BOLT, M6X 10 PLATED	4							
90	2	26106-060142	BOLT, M6X 14 PLATED	2							
91	2	26106-060202	BOLT, M6X 20 PLATED	4							
92	2	26106-060452	BOLT, M6X 45 PLATED	3							
93	2	119740-61470	NUT	1							
94	2	119717-61060	COVER, GOVERNOR CASE	1							
128	2	129630-77910	SOLENOID, STOP	1							

Fig.12. FUEL INJECTION VALVE



(A)=3TNV80F-SPANM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119C10-53000	VALVE ASSY,INJECTION	3							
3	2	119C10-53010	VALVE ASSY,INJECTION	3							
4	2	129901-53800	SHIM SET, ADJUSTING	3							1
15	1	129150-59120	RETAINER, PIPE	1							
18	2	129150-59131	BOLT, M4X14	2							
20	1	119E10-59810	PIPE ASSY, INJECTION	1							
24	1	119E10-59820	PIPE, INJECTION NO.2	1							
28	1	119E10-59830	PIPE, INJECTION NO.3	1							
32	1	119717-59510	PIPE ASSY, RETURN	1							
38	1	129901-59560	GASKET, FUEL RETURN	3							
39	1	119744-59560	HOSE ASSY, RETURN	1							
40	2	124066-59100	CLAMP, HOSE 8	2							
43	1	119515-59581	JOINT, OVERFLOW	1							
44	1	119620-59700	NUT, NOZZLE RETURN	3							
45	1	119813-59950	VALVE ASSY, CHECK	1							
51	1	22190-120002	WASHER, SEAL 12	2							

Remarks
(1)Spare parts.

Fig.13. FUEL PIPE

(D)=
(E)=

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

(C) (D) (E) (F)

[illegible]

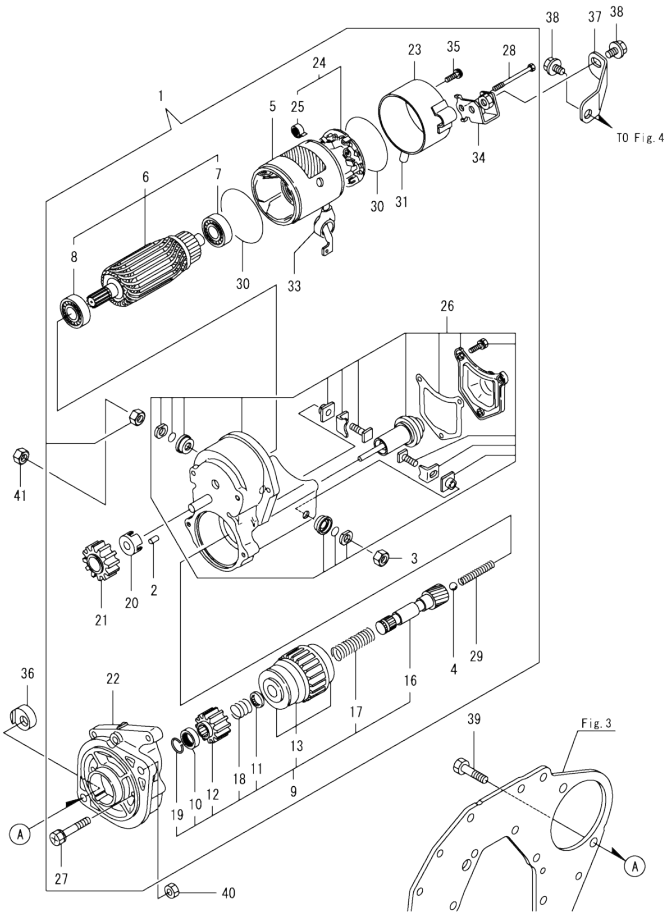
N:Old ^{Yes}/_{No} New. Q:Old ^{No}/_{Yes} New. R:Old ^{Yes}/_{Yes} New. S:Old ^{No}/_{No} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

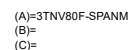
Fig.14. STARTER MOTOR

(A)=3TNV80F-SPANM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119209-77010	STARTER, 1.4 R	1							
2	2	X0283060061	ROLLER	5							
3	2	X9490561370	NUT	1							
4	2	X9491200240	BALL, STEEL	1							
5	2	129407-77210	YOKE ASSY	1							
6	2	129407-77220	ARMATURE ASSY	1							
7	3	129129-77230	BEARING, BALL	1							
8	3	129129-77240	BEARING, BALL	1							
9	2	121120-77250	STARTER	1							
10	3	X0280210230	NUT, PINION STOP	1							
11	3	X0283270140	RETAINER, SNAP	1							
12	3	X0283711770	PINION, STARTER	1							
13	3	129129-77390	CLUTCH ASSY, STARTER	1							
16	3	129129-77400	SHAFT, STARTER	1							
17	3	129129-77410	SPRING, COIL	1							
18	3	129407-77410	SPRING, COIL	1							
19	3	129129-77430	RING, SNAP	1							
20	2	129129-77260	RETAINER	1							
21	2	129129-77270	PINION	1							
22	2	119209-77280	HOUSING	1							
23	2	129407-77290	FRAME	1							
24	2	129407-77300	HOLDER ASSY	1							
25	3	X9491730461	SPRING, BRUSH	4							
26	2	119209-77310	SWITCH ASSY, MAGNET	1							
27	2	129129-77320	BOLT, W/WASHER	2							
28	2	129407-77330	BOLT	2							
29	2	129129-77340	SPRING	1							
30	2	129129-77350	O-RING	2							
31	2	129129-77362	COVER	1							
33	2	129129-77380	CAP	1							
34	2	119209-77460	STAY	1							
35	2	129129-77460	SCREW	2							
36	1	119285-77050	NUT, STARTER	1							
37	1	119718-77900	SUPPORT, STARTER	1							
38	1	26106-080142	BOLT, M8X 14 PLATED	2							
39	1	26156-120402	BOLT, M12X 40 PLATED	2							
40	1	26736-120002	NUT, M12	1							
41	1	26756-080002	NUT, LOCK M8	1							





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

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101720-55750	15	17
102103-55520	15	12
103854-39140	13	1
104200-55321	15	8
104200-55330	15	9
104200-55341	15	10
104200-55750	15	18
105010-11490	4	3
105311-01090	1	4
110250-55610	15	13
114110-07761	15	1
119131-18320	5	5
119209-77010	14	1
119209-77280	14	22
119209-77310	14	26
119209-77460	14	34
119226-07900	4	54
119285-01580	3	5
119285-01731	9	28
119285-01990	1	6
119285-11990	4	11
119285-77050	14	36
119305-35151	8	17
119309-42370	9	22
119515-13200	15	2
119515-59581	12	43
119515-61440	11	13
119600-11460	4	2
119620-01620	3	6
119620-02020	1	7
119620-11280	4	26
119620-14200	6	1
119620-21500	7	7
119620-49290	9	33
119620-59700	12	44
119621-21681	7	12
119623-01250	1	5
119624-32040	2	18
119640-01640	3	13
119660-01911	2	17
119660-61901	11	62
119715-42001	9	1
119717-01501	2	1
119717-01521	2	5
119717-01570	2	2
119717-01740	3	11
119717-01750	2	16
119717-01800	2	7
119717-02411	1	10

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119717-11200	4	21
119717-11240	4	22
119717-11260	4	25
119717-11320	4	46
119717-11331	4	47
119717-11340	4	18
119717-11350	4	19
119717-11381	4	35
119717-11650	4	27
119717-11800	4	60
119717-13110	5	1
119717-13600	5	3
119717-14400	6	2
119717-14581	6	3
119717-21200	7	4
119717-23200	7	27
119717-23601	7	28
119717-23611	7	31
119717-23911	7	30
119717-25050	6	9
119717-25101	6	10
119717-25911	6	16
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119717-34801	8	1
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119717-39210	8	12
119717-42020	9	14
119717-42031	9	3
119717-49800	9	30
119717-51150	6	17
119717-51420	10	67
119717-51711	10	92
119717-51750	10	93
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119717-61060	11	94
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119717-77801	4	58
119717-77820	4	59
119718-01600	3	2
119718-01640	3	7
119718-07950	4	56
119718-11310	4	45
119718-42300	9	19
119718-42350	9	20
119718-42360	9	21
119718-42380	9	24
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119734-01590	2	3
119734-02220	3	9
119734-13110	5	2
119740-61470	11	93
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119802-03100	4	39
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119810-01200	1	26
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119934-55611	15	4
119C00-61901	11	80
119C10-21650	7	11
119C10-21931	7	13
119C10-21940	7	14
119C10-42320	9	9
119C10-53000	12	1
119C10-53010	12	3
119C10-77600	15	22
119E00-01560	1	1
119E10-01330	1	27
119E10-11100	4	13
119E10-11110	4	14
119E10-11740	4	4
119E10-21700	7	1
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119E10-59830	12	28
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119E11-22900	7	33
119E18-21590	7	8
121120-77250	14	9
121250-44901	9	38
121252-39450	8	11
121257-55720	15	14
121257-55731	15	15
121450-42450	9	37
121520-34810	8	2
121850-51960	2	20
122710-51090	10	8
124060-01050	1	11
124060-21600	7	10
124064-55510	15	11
124066-59100	12	40
124085-42370	9	23
124160-01751	2	28
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124160-01910	1	12
124465-44950	9	39
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129001-32320	2	11
129001-32330	2	12
129005-59830	8	13
129100-01580	3	1
	7	2
129100-01760	3	12
129100-52200	10	112
129129-77230	14	7
129129-77240	14	8
129129-77260	14	20
129129-77270	14	21
129129-77320	14	27
129129-77340	14	29
129129-77350	14	30
129129-77362	14	31
129129-77380	14	33
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129129-77430	14	19
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129155-51400	10	65
129155-51580	10	89
129155-51701	10	91
129155-52051	10	111
129155-61461	11	79
129335-55701	15	7
129407-77210	14	5
129407-77220	14	6
129407-77290	14	23
129407-77300	14	24
129407-77330	14	28
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129630-77910	11	128
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158600-51270	10	56
158600-51410	10	66
158600-51420	10	68
158600-51570	10	88
158600-51790	10	95
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22190-160002	10	97
22190-220002	3	15
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23857-030000	8	15
23876-005000	4	12
23876-030000	2	6
24311-000320	2	29
	4	51
24311-240100	15	21
24357-240200	11	82
25152-002900	9	25
26022-050122	10	103
26106-060102	8	10
	11	67
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26106-060122	2	21
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26106-060142	11	90
26106-060162	2	22
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26106-060452	11	92
26106-060602	2	25
26106-060652	2	26
26106-060752	4	53
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26106-080142	14	38
26106-080162	4	55
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26106-080302	9	32
26106-080402	4	33
26106-080452	3	17
26106-080502	9	17
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26206-100202	3	3
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26216-060202	9	11
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26756-080002	14	41
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27241-120000	1	13
719717-02901	1	28
719717-02911	1	31
719734-01500	2	4
719E40-51480	10	1
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