

0CW10-M78300EN

P R E F A C E

1. This parts catalog is the 1st edition of 3TNM72-AWK for Waller.

Pub. No. : 0CW10-G78300

Published : November, 2012

2. Model name

Engine model	Vehicle	Vehicle made by
3TNM72-AWK	Mower	Waller

Directions for the Parts Catalog.

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

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

Remarks

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

① Ref. No.

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

(Ex.) Illustration No.

List Ref No.

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

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

② Lev. (Level)

Level indication

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

1 ---- Main parts (Assembly parts)

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

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

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

③ Interchangeability Symbol

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

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

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

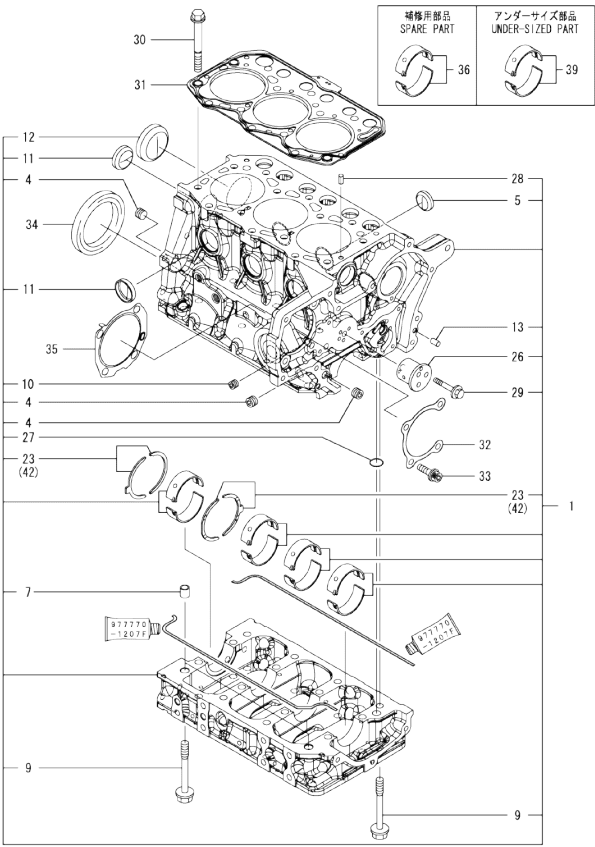
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

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Fig. No.	Fig. Name	Fig. No.	Fig. Name
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3.	MOUNTING FLANGE & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	EXHAUST MANIFOLD		
6.	CAMSHAFT & DRIVING GEAR		
7.	CRANKSHAFT & PISTON		
8.	LUB. OIL SYSTEM		
9.	COOLING WATER SYSTEM		
10.	FUEL INJECTION PUMP		
11.	GOVERNOR		
12.	FUEL INJECTION VALVE		
13.	STARTING MOTOR		
14.	GENERATOR		
15.	GASKET SET		

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Fig.1. CYLINDER BLOCK

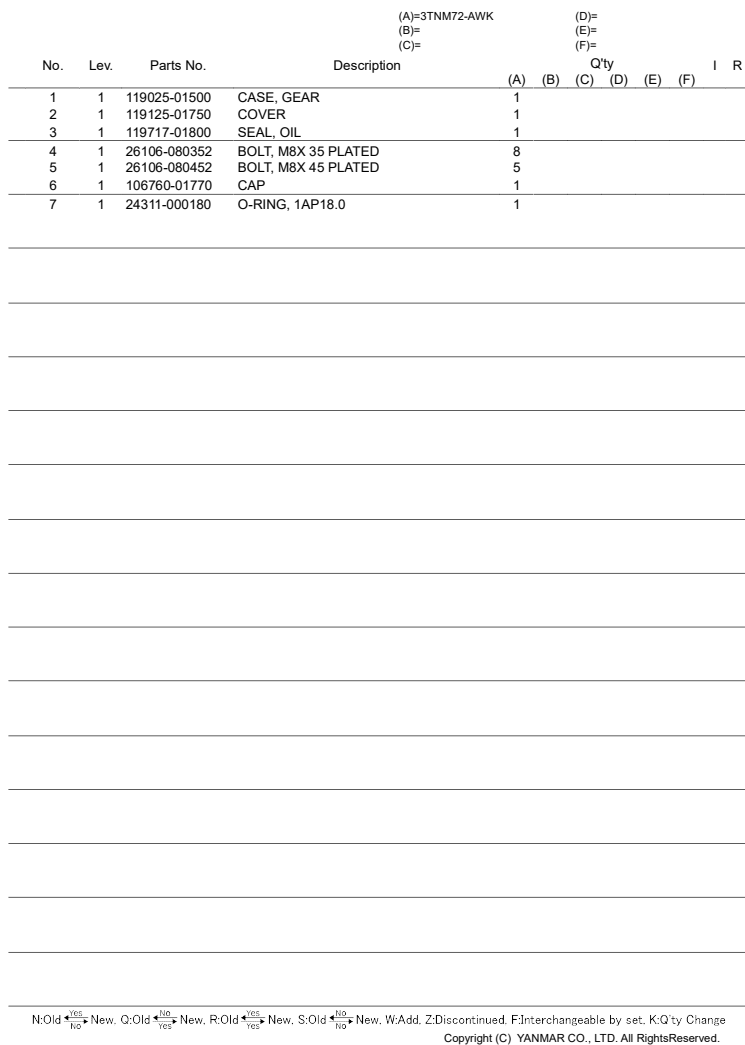


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119027-01560	BLOCK ASSY, CYLINDER	1							
4	2	124060-01050	PLUG, PT1/8	3							
5	2	119125-01970	PLUG, 25	3							
7	2	119125-01960	PIPE, KNOCK	2							
9	2	119125-02061	BOLT, METAL CAP	16							
10	2	23876-005000	PLUG, R005	1							
11	2	27241-300000	PLUG 30	4							
12	2	27241-450000	PLUG, 45	1							
13	2	119620-01620	PIN, M6X10	2							
23	2	119125-02930	BEARING, THRUST	2							
26	2	119125-25050	SHAFT, IDLE GEAR	1							
27	2	129900-32040	O-RING, P14	1							
28	2	22351-060012	PIN, SPRING 6.0X12	2							
29	2	26106-060402	BOLT, M6X 40 PLATED	3							
30	1	119515-01200	BOLT, HEAD	14							
31	1	119025-01332	GASKET, HEAD	1							
32	1	119125-01790	GASKET	1							
33	1	119125-01800	FLANGE BOLT, M8X1.25	4							
34	1	119734-02220	SEAL, OIL	1							
35	1	119125-51800	GASKET	1							
36	1	119125-02900	BEARING, MAIN	4							1
39	1	119125-02910	BEARING, 0.25 US	4							2
42	1	119125-02940	BEARING, THRUST 0.25	2							3

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

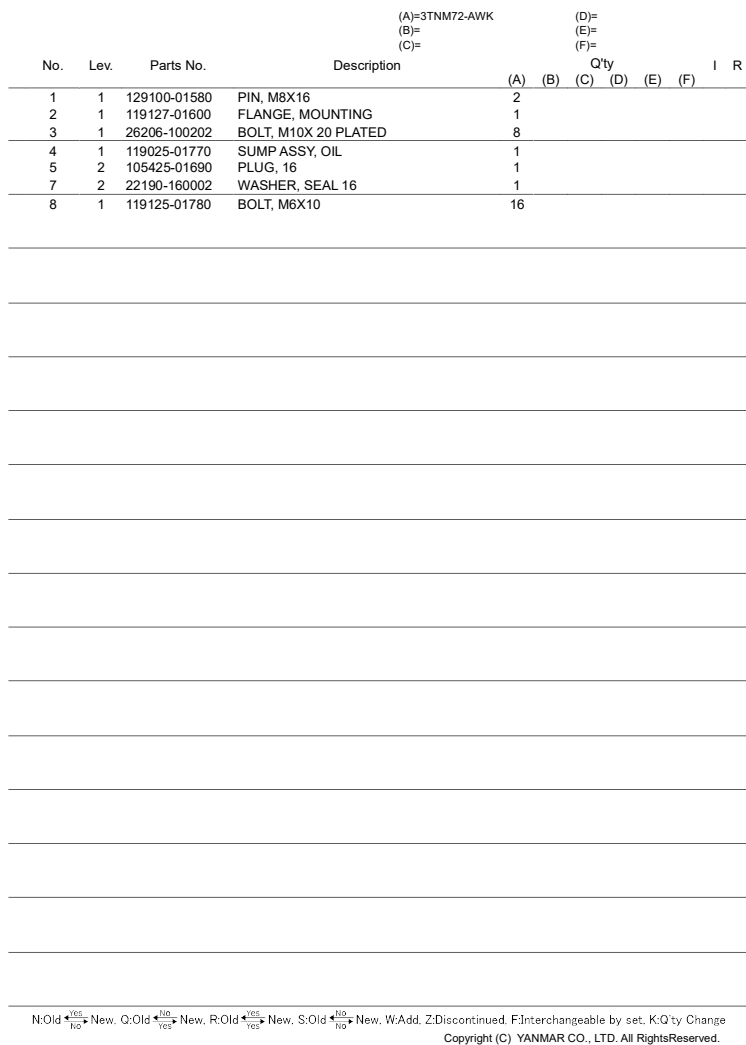
N:Old $\frac{N_{Old}}{100}$ New, Q:Old $\frac{Q_{Old}}{100}$ New, R:Old $\frac{R_{Old}}{100}$ New, S:Old $\frac{S_{Old}}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.2. GEAR HOUSING



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

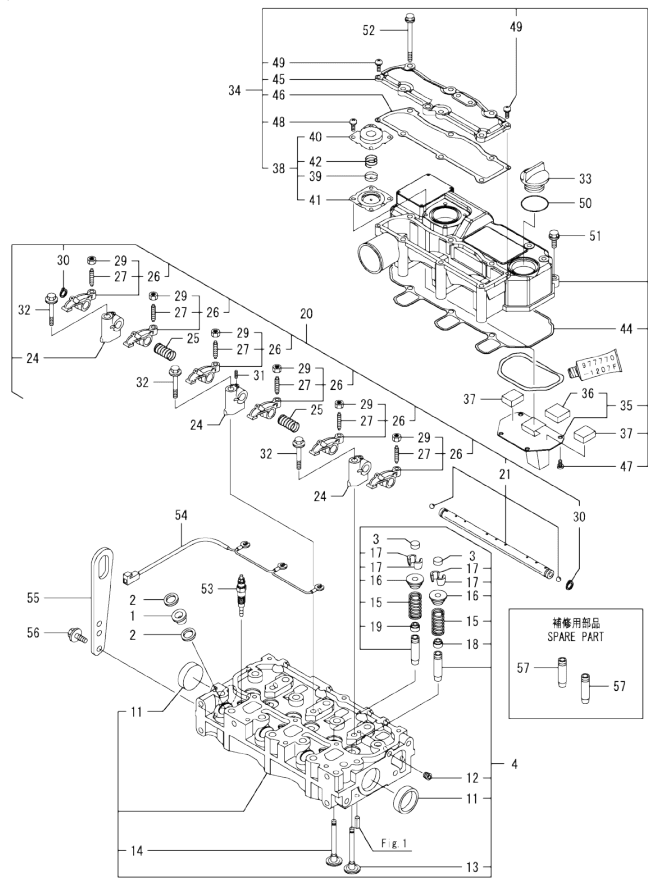
Fig.3. MOUNTING FLANGE & OIL SUMP



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

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Fig.4. CYLINDER HEAD & BONNET



Remarks
(1)Spare part.

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	119517-11740	HEAD ASSY, CYLINDER	1							
11	2	119285-11990	PLUG, 35	2							
12	2	23876-005000	PLUG, R005	1							
13	2	119515-11101	VALVE, INTAKE	3							
14	2	119515-11110	VALVE, EXHAUST	3							
15	2	119717-11131	SPRING, VALVE	6							
16	2	129508-11180	RETAINER, SPRING	6							
17	2	119717-11190	COTTER	12							
18	2	119717-11340	SEAL, VALVE STEM	3							
19	2	119717-11350	SEAL, VALVE STEM	3							
20	1	119515-11200	SUPPORT ASSY, ARM	1							
21	2	119515-11240	SHAFT ASSY, ROCKER	1							
24	2	119717-11260	SUPPORT, ROCKER ARM	3							
25	2	119515-11280	SPRING	2							
26	2	119717-11650	ARM, ROCKER	6							
27	3	129150-11230	SCREW, VALVE ADJUST	6							
29	3	129150-11750	NUT, M8	6							
30	2	22242-000120	RING, 12	2							
31	2	26979-050162	SCREW, M5X16	1							
32	1	26106-080402	BOLT, M8X 40 PLATED	3							
33	1	124160-01751	COVER, FILLER	1							
34	1	119515-11380	BONNET ASSY, HEAD	1							
35	2	119717-03031	PLATE	1							
36	3	119717-03070	BAFFLE, BREATHER	1							
37	2	119717-03070	BAFFLE, BREATHER	2							
38	2	119802-03100	DIAPHRAGM ASSY	1							
39	3	119802-03110	PLATE	1							
40	3	119802-03121	COVER, DIAPHRAGM	1							
41	3	119802-03131	DIAPHRAGM	1							
42	3	119802-03141	SPRING, DIAPHRAGM	1							
44	2	119515-11310	GASKET, BONNET	1							
45	2	119515-11320	COVER, BONNET	1							
46	2	119515-11330	GASKET	1							
47	2	22857-500100	SCREW, 5X10	4							
48	2	22857-500100	SCREW, 5X10	4							
49	2	22857-500160	SCREW, 5X16	2							
50	1	24311-000320	O-RING, 1AP32.0	1							
51	1	26106-060202	BOLT, M6X 20 PLATED	3							
52	1	26106-060752	BOLT, M6X 75 PLATED	6							
53	1	119125-77800	PLUG, GLOW	3							
54	1	119125-77820	CONNECTOR, GLOW PLUG	1							
55	1	129900-07900	LIFTER	1							
56	1	26106-080162	BOLT, M8X 16 PLATED	2							
57	1	119515-11800	GUIDE, VALVE	6							1

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.5. EXHAUST MANIFOLD



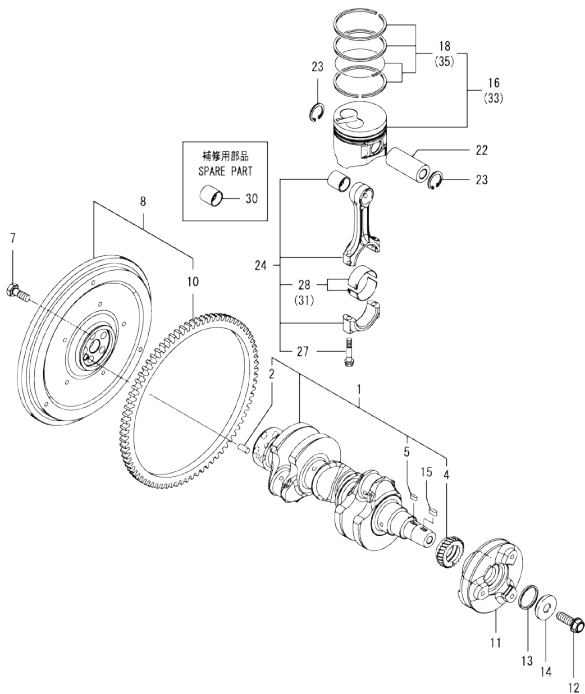
				(A)=3TNM72-AWK	(D)=					
				(B)=	(E)=					
				(C)=	(F)=					
No.	Lev.	Parts No.	Description	Q'ty				I	R	
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	119718-13100	MANIFOLD, EXHAUST	1						
2	1	119717-13110	GASKET	1						
3	1	119717-13600	STUD, M8X50	2						
4	1	119802-13620	BOLT, M8X50	4						
5	1	119131-18320	STUD, M6X22	4						
6	1	26306-080002	NUT, M8	2						
7	1	119515-13200	GASKET, SILENCER	1						

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



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

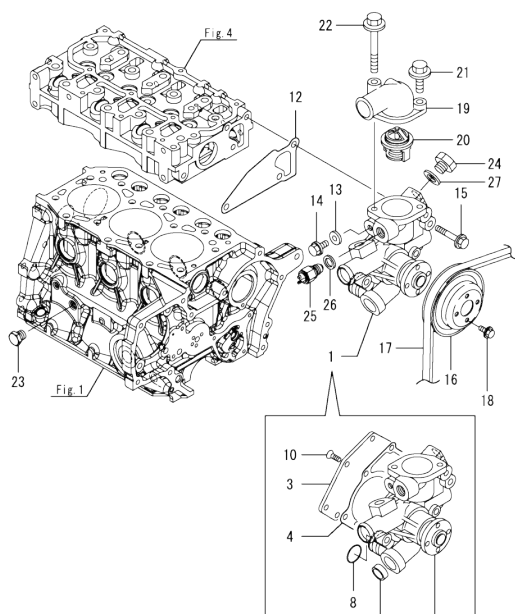
Fig.7. CRANKSHAFT & PISTON



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119025-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
4	2	119125-21200	GEAR, CRANKSHAFT	1							
5	2	22512-040120	KEY, 4X 12	1							
7	1	119620-21500	BOLT, FLYWHEEL	5							
8	1	119127-21590	FLYWHEEL ASSY	1							
10	2	124060-21600	GEAR, RING	1							
11	1	119125-21660	V-PULLEY	1							
12	1	119621-21681	BOLT, FLANGE 12X1.25	1							
13	1	119C10-21930	PACKING, WASHER	1							
14	1	119C10-21940	WASHER, V-PULLEY	1							
15	1	22512-050120	KEY, 5X 12	1							
16	1	119517-22090	PISTON ASSY	3							
18	2	119517-22500	RING SET, PISTON	3							
22	1	119515-22300	PIN, PISTON	3							
23	1	22252-000220	RING, 22	6							
24	1	119515-23000	ROD ASSY, CONNECTING	3							
27	2	119717-23200	BOLT, CONNECTING ROD	6							
28	2	119515-23601	BEARING, CRANK PIN	3							1
30	1	119717-23910	BEARING, PISTON PIN	3							2
31	1	119515-23611	METAL ASSY, 0.25	3							3
33	1	119025-22900	PISTON ASSY	3							3
35	2	119609-22950	RING SET, 0.25 OS	3							3



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



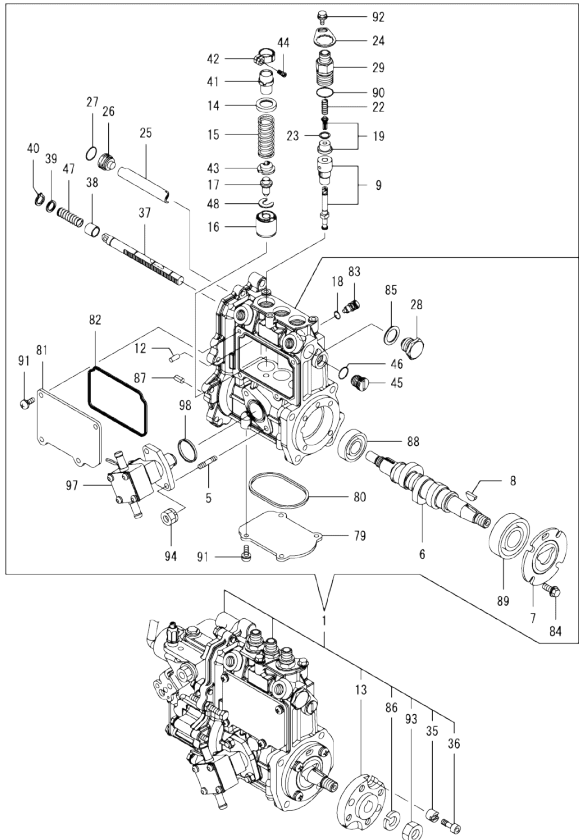
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119025-42000	PUMP ASSY, WATER	1							
3	2	119025-42020	COVER	1							
4	2	119025-42030	GASKET, WATER PUMP	1							
8	2	119685-42281	O-RING	1							
10	2	26577-060122	SCREW, M6X12	5							
12	1	119515-42020	GASKET, WATER PUMP	1							
13	1	23414-080000	GASKET, 8X1.0	1							
14	1	26106-080122	BOLT, M8X 12 PLATED	1							
15	1	26106-080452	BOLT, M8X 45 PLATED	3							
16	1	119717-42350	V-PULLEY, D=100	1							
17	1	171001-42290	V-BELT, A35.5	1							
18	1	26106-060122	BOLT, M6X 12 PLATED	4							
19	1	124101-49531	COVER, THERMOSTAT	1							
20	1	119717-49800	THERMOSTAT, 71	1							
21	1	26106-080252	BOLT, M8X 25 PLATED	1							
22	1	26106-080652	BOLT, M8X 65 PLATED	1							
23	1	171056-49120	PLUG, DRAIN	1							
24	1	121450-42450	PLUG, M16	1							
25	1	121250-44901	SWITCH, 110	1							
26	1	124465-44950	GASKET, 16	1							
27	1	124465-44950	GASKET, 16	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.10. FUEL INJECTION PUMP

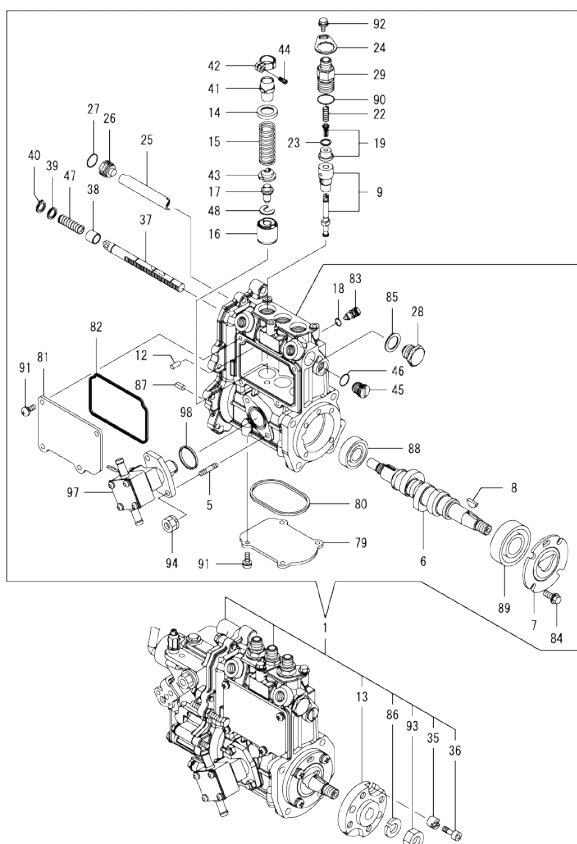


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719027-51300	PUMP ASSY, INJECTION	1							1
5	2	129155-51020	STUD	2							
6	2	119125-51030	CAMSHAFT	1							
7	2	119125-51060	RETAINER, BEARING	1							
8	2	122710-51090	KEY	1							
9	2	119125-51100	PLUNGER ASSY	3							
12	2	129155-51140	PIN	3							
13	2	119717-51150	FLANGE	1							
14	2	158600-51170	RETAINER, SPRING	3							
15	2	119717-51190	SPRING, PLUNGER	3							
16	2	119125-51241	TAPPET	3							
17	2	119125-51250	GUIDE, TAPPET	3							
18	2	129155-51280	O-RING, S6	1							
19	2	119125-51300	VALVE ASSY, DELIVERY	3							
22	2	128990-51330	SPRING, DELIVERY	3							
23	2	124550-51350	GASKET, DELIVERY	3							
24	2	119125-51370	RETAINER	3							
25	2	129155-51400	DEFLECTOR	1							
26	2	158600-51410	PLUG, DEFLECTOR	1							
27	2	119717-51420	O-RING	1							
28	2	158600-51420	PLUG, DEFLECTOR	1							
29	2	158600-51442	VALVE ASSY, DELIVERY	3							
35	2	119125-51481	COLLAR,FIC FIX	1							
36	2	119125-51491	BOLT, FIXATION	1							
37	2	119717-51500	RACK, CONTROL	1							
38	2	119025-51520	BUSH,RACK	1							
39	2	129155-51530	SPACER	1							
40	2	129155-51540	CIRCLIP	1							
41	2	129155-51550	PINION, CONTROL	3							
42	2	129100-51560	PINION	3							
43	2	119717-51570	RETAINER, SPRING	3							
44	2	129100-51570	SCREW	3							
45	2	158600-51570	PLUG	1							
46	2	129155-51580	O-RING	1							
47	2	129155-51591	SPRING, RACK	1							
48	2	129155-51600	SHIM SET, ADJUSTING	3							
79	2	119125-51700	COVER	1							
80	2	119717-51711	GASKET	1							
81	2	119717-51750	COVER	1							
82	2	119717-51761	GASKET	1							
83	2	158600-51790	STOOPER, RACK	1							
84	2	119125-51900	BOLT, 6 X 14	4							
85	2	22190-160002	WASHER, SEAL 16	1							
86	2	22217-120000	WASHER, SPRING 12	1							
87	2	22351-050010	PIN, SPRING 5.0X10	2							
88	2	24101-060034	BEARING, BALL 6003	1							
89	2	24101-063034	BEARING, BALL 6303	1							
90	2	24316-000150	O-RING, 4DP15.0	3							
91	2	26022-050122	SCREW, M5X12	8							
92	2	26106-050102	BOLT, M5X 10 PLATED	3							
93	2	26716-120002	NUT, M12	1							

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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Remarks
(1)Governor(Fig.11)is incorporated in
this Fuel Injection Pump (Ref.1).

Fig.10. FUEL INJECTION PUMP



Remarks

Remarks
(1) Governor (Fig. 11) is incorporated in this Fuel Injection Pump (Ref. 1).

(A)=3TNM72-AWK
(B)=
(C)=

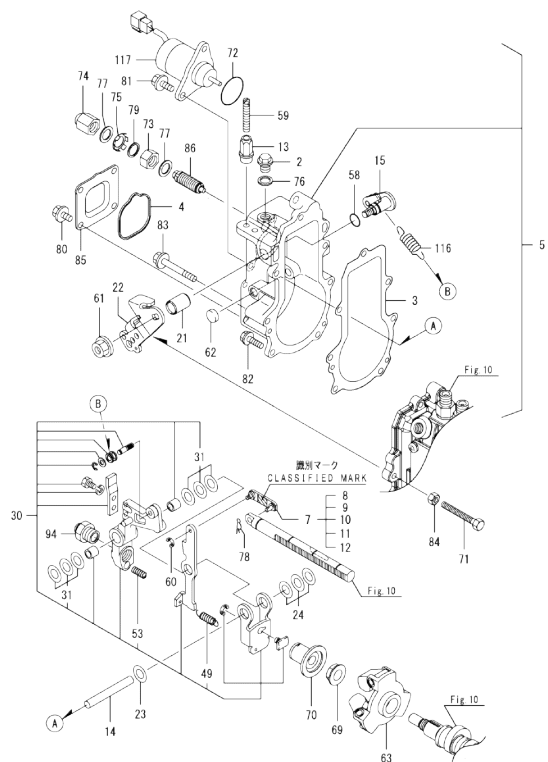
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
94	2	119717-51860	NUT, M6	2						
97	2	119125-52000	PUMP ASSY, FUEL FEED	1						
98	2	129155-52051	GASKET	1						

N:Old $\xrightarrow{\text{YES}}$ New. Q:Old $\xrightarrow{\text{NO}}$ New. R:Old $\xrightarrow{\text{YES}}$ New. S:Old $\xrightarrow{\text{NO}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

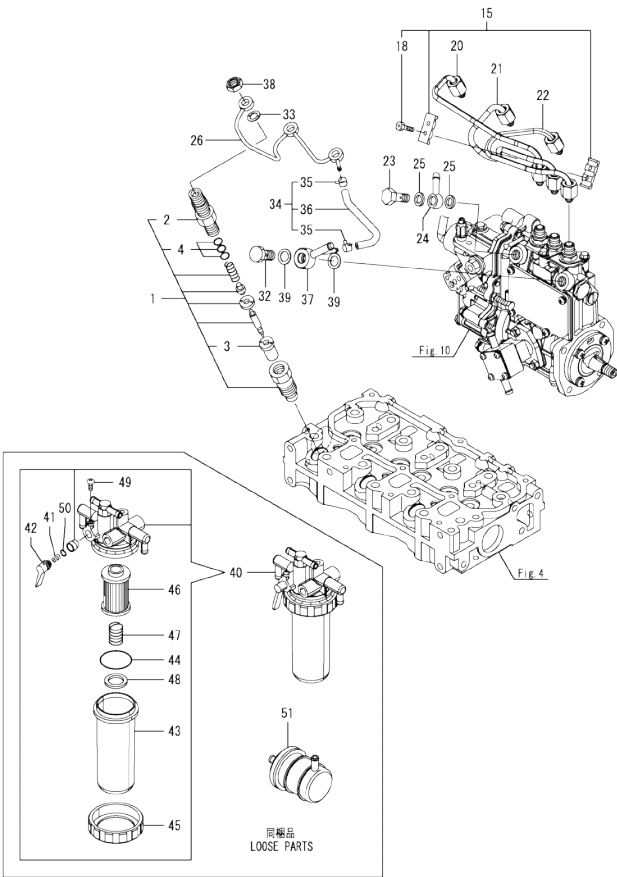
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Fig.11. GOVERNOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119717-51930	PLUG,M10	1							
3	2	119717-61050	GASKET	1							
4	2	119717-61070	GASKET	1							
5	2	119125-61100	CASE ASSY, GOVERNOR	1							
7	3	119125-61110	LINK ASSY	1							
8	4	119125-61120	LINK, MARK 93	1							1
9	4	119125-61130	LINK, MARK 98	1							2
10	4	119125-61140	LINK, MARK 88	1							3
11	4	119125-61150	LINK, MARK 00	1							4
12	4	119125-61160	LINK, MARK 03	1							5
13	3	129209-61370	NUT, M6	1							
14	3	119125-61390	SHAFT	1							
15	3	119125-61401	SHAFT ASSY	1							
21	3	119125-61430	BUSH	1							
22	3	119515-61440	LEVER, CONTROL	1							
23	3	129156-61460	SHIM, T=0.6	1							
24	3	129155-61480	SPACER ASSY	1							
30	3	119125-61501	LEVER ASSY, GOVERNOR	1							
31	4	174307-51700	SHIM SET	2							
49	4	129486-61540	SPRING, SET	1							
53	4	129100-61650	SPRING, CONTROLLER	1							
58	3	129155-61830	O-RING, S10	1							
59	3	121575-66830	SCREW	1							
60	3	22272-000030	RING, E- 3	1							
61	3	26366-080002	NUT, M8	1							
62	3	27260-120000	PLUG, 12	1							
63	2	119125-61201	WEIGHT ASSY, GOVERNOR	1							
69	2	129008-61301	NUT	1							
70	2	129155-61341	SLEEVE	1							
71	2	129155-61460	BOLT, IDLE	1							
72	2	158552-61900	O-RING	1							
73	2	129209-61920	NUT, ARB	1							
74	2	129209-61930	NUT, CAP	1							
75	2	129209-61970	PLATE	1							
76	2	22190-100002	WASHER, SEAL 10	1							
77	2	22190-120002	WASHER, SEAL 12	2							
78	2	22372-040000	PIN, SNAP 4	1							
79	2	23414-120016	GASKET, 12X1.0	1							
80	2	26106-060102	BOLT, M6X 10 PLATED	4							
81	2	26106-060142	BOLT, M6X 14 PLATED	2							
82	2	26106-060202	BOLT, M6X 20 PLATED	4							
83	2	26106-060452	BOLT, M6X 45 PLATED	3							
84	2	26756-060002	NUT, LOCK M6	1							
85	2	119717-61060	COVER, GOVERNOR CASE	1							
86	2	119125-61450	LIMITER ASSY, FUEL	1							
94	2	119515-61560	ANGLEICH ASSY	1							
116	2	119415-61700	SPRING, GOVERNOR	1							
117	2	119653-77950	SOLENOID, STOP	1							

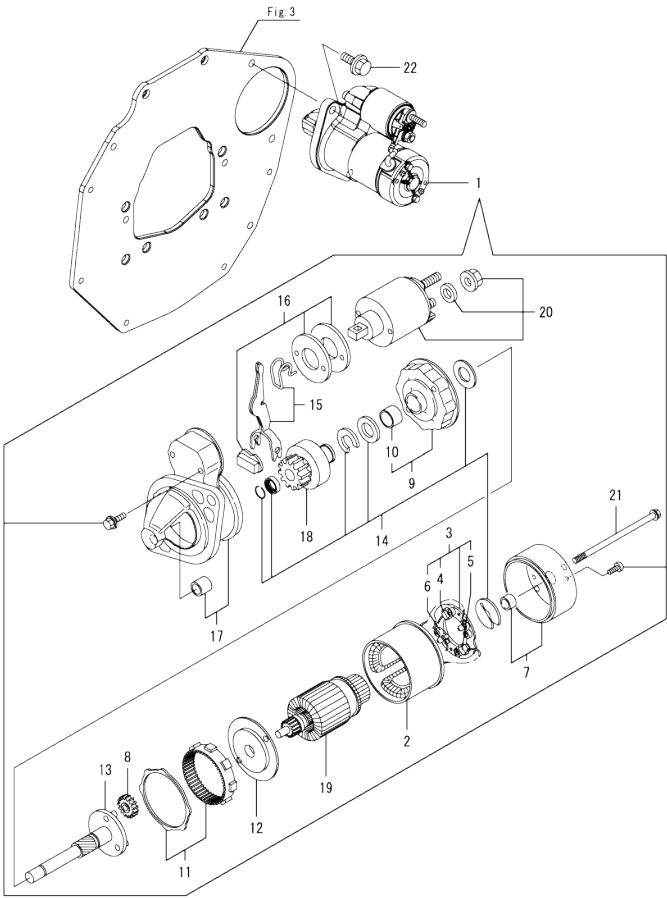
Fig.12. FUEL INJECTION VALVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-53001	VALVE ASSY,INJECTION	3							
2	2	118200-53010	HOLDER, NOZZLE	3							
3	2	119515-53010	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	119025-59810	PIPE, FUEL INJECTION	1							
21	1	119025-59820	PIPE, FUEL INJECTION	1							
22	1	119025-59830	PIPE, FUEL INJECTION	1							
23	1	103854-39140	BOLT, PIPE JOINT	1							
24	1	101304-59020	JOINT, PIPE 12	1							
25	1	22190-120002	WASHER, SEAL 12	2							
26	1	119515-59540	PIPE ASSY, RETURN	1							
32	1	119125-59560	BOLT, PIPE JOINT	1							
33	1	129901-59560	GASKET	3							
34	1	119125-59570	PIPE ASSY, RETURN	1							
35	2	124066-59100	CLIP, HOSE 8	2							
36	2	119000-59550	PIPE, FUEL RETURN	1							
37	1	119840-59570	JOINT	1							
38	1	119620-59700	NUT, NOZZLE	3							
39	1	22190-120002	WASHER, SEAL 12	3							
40	1	129053-55621	FILTER ASSY, FUEL	1							
41	2	104200-55330	SPRING, VALVE	1							
42	2	119810-55340	LEVER	1							
43	2	129107-55510	CUP, STRAINER	1							
44	2	102103-55520	O-RING	1							
45	2	110250-55610	RING, RETAINING	1							
46	2	119810-55650	ELEMENT	1							
47	2	121257-55720	SPRING	1							
48	2	121257-55731	FLOAT	1							
49	2	104200-55750	SCREW, M4	1							
50	2	24311-240100	O-RING, 1AP10A	1							
51	1	129052-55630	FILTER, FUEL	1							

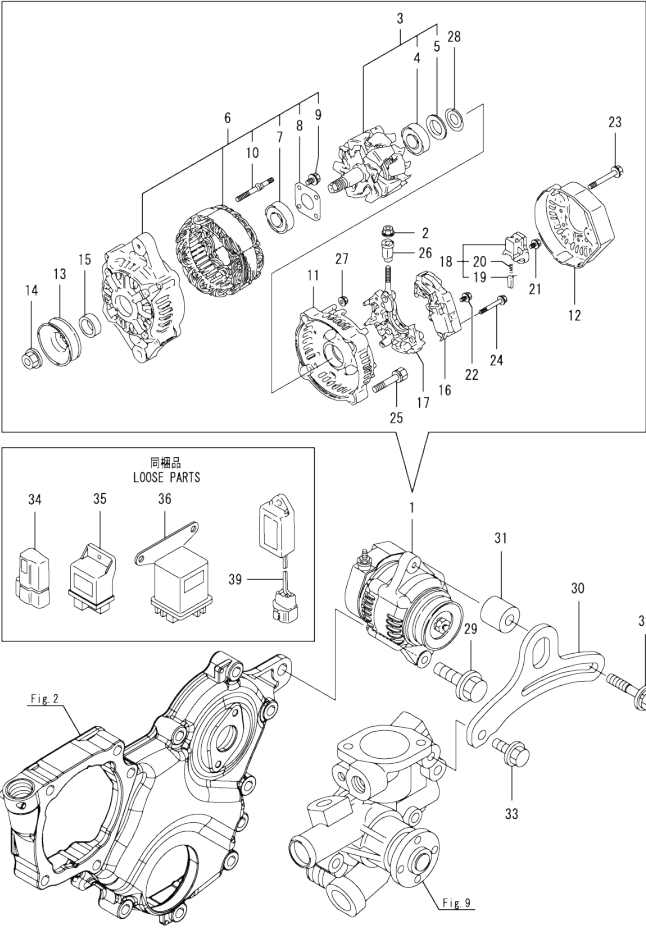
Remarks
(1)Spare part.

Fig.13. STARTING MOTOR



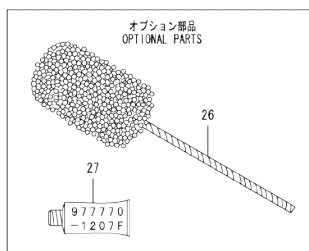
No.	Lev.	Parts No.	Description	(A)=3TNM72-AWK (B)= (C)=						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119125-77010	STARTER ASSY, 1.2KW	1							
2	2	129698-77110	YOKE ASSY	1							
3	2	129698-77120	HOLDER ASSY, BRUSH	1							
4	3	129698-77130	BRUSH	2							
5	3	129698-77140	BRUSH SET	1							
6	3	129698-77150	SPRING, BRUSH	4							
7	2	129698-77161	COVER ASSY	1							
8	2	119125-77170	GEAR	3							
9	2	129698-77180	BRACKET	1							
10	3	129698-77190	BRACKET	1							
11	2	119125-77200	GEAR, INTERNAL	1							
12	2	119125-77210	BRACKET	1							
13	2	119125-77230	SHAFT, PINION	1							
14	2	129698-77250	WASHER SET	1							
15	2	119125-77270	LEVER SET, SHIFT	1							
16	2	119125-77280	COVER ASSY	1							
17	2	119125-77520	CASE ASSY, GEAR	1							
18	2	119125-77660	PINION ASSY	1							
19	2	119125-77710	ARMATURE ASSY	1							
20	2	119125-77760	SWITCH ASSY	1							
21	2	124195-77770	BOLT, THROUGH	2							
22	1	26106-100252	BOLT, M10X 25 PLATED	2							

Fig.14. GENERATOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129423-77200	GENERATOR, 12V-40A	1							
2	2	X9490561001	NUT	1							
3	2	119620-77380	ROTOR ASSY	1							
4	3	123501-79240	BEARING, BALL	1							
5	3	119620-79250	COVER	1							
6	2	119620-77421	FRAME ASSY, DRIVE	1							
7	3	119620-79200	BEARING, BALL	1							
8	3	119620-79210	PLATE, RETAINER	1							
9	3	119620-79220	SCREW	4							
10	3	119620-79230	STUD	2							
11	2	119620-77440	FRAME ASSY	1							
12	2	129240-79300	COVER	1							
13	2	119620-77461	PULLEY	1							
14	2	119620-77471	NUT	1							
15	2	119620-77490	COLLAR	1							
16	2	129423-77710	REGULATOR ASSY	1							
17	2	119620-79260	HOLDER	1							
18	2	129052-79270	HOLDER, BRUSH	1							
19	3	119620-77480	BRUSH ASSY	2							
20	3	119620-79280	SPRING	2							
21	2	119620-79290	SCREW	6							
22	2	119620-79300	SCREW	1							
23	2	119620-79310	BOLT	3							
24	2	119620-79320	SCREW	2							
25	2	119620-79330	BOLT	2							
26	2	119620-79340	BUSH, INSULATION	1							
27	2	119620-79350	NUT	2							
28	2	119620-79360	WASHER, THRUST	1							
29	1	26106-100402	BOLT, M10X 40 PLATED	1							
30	1	119125-77320	ADJUSTER	1							
31	1	124732-77340	SPACER	1							
32	1	129972-77341	BOLT, ADJUSTER L=50	1							
33	1	26106-080202	BOLT, M8X 20 PLATED	1							
34	1	119643-66900	DIODE	1							
35	1	119802-77200	RELAY, SAFETY	1							
36	1	119650-77911	RELAY ASSY, GLOW	1							
39	1	129211-77920	TIMER	1							

Fig.15. GASKET SET



No.	Lev.	Parts No.	Description	(A)=3TNM72-AWK			(D)=			I	R
				(B)=	(C)=	(E)=	(F)=				
				Q'ty							
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119025-92600	GASKET SET	1							
2	2	119025-01332	GASKET, HEAD	1							
3	2	119125-01790	GASKET	1							
4	2	119515-11310	GASKET, BONNET	1							
5	2	119515-11330	GASKET	1							
6	2	119717-11340	SEAL, VALVE STEM	3							
7	2	119717-11350	SEAL, VALVE STEM	3							
8	2	129901-11450	PROTECTOR, NOZZLE	3							
9	2	119600-11460	GASKET, NOZZLE	6							
10	2	119717-13110	GASKET	1							
11	2	119515-13200	GASKET, SILENCER	1							
12	2	129900-32040	O-RING, P14	1							
13	2	119125-34900	O-RING	1							
14	2	119209-35030	O-RING, P11	1							
15	2	119125-39220	GASKET	1							
16	2	119515-42020	GASKET, WATER PUMP	1							
17	2	119025-42030	GASKET, WATER PUMP	1							
18	2	119209-42320	O-RING, P21 EPDM	1							
19	2	124465-44950	GASKET, 16	1							
20	2	119125-51800	GASKET	1							
21	2	129901-59560	GASKET	3							
22	2	22190-120002	WASHER, SEAL 12	5							
23	2	22190-160002	WASHER, SEAL 16	1							
24	2	23414-080000	GASKET, 8X1.0	1							
25	2	24311-000180	O-RING, 1AP18.0	2							
26	1	129400-92410	HONE	1							
27	1	977770-1207F	GASKET, LIQUID	1							

N:Old $\xrightarrow{\text{YES}}$ New. Q:Old $\xrightarrow{\text{NO}}$ New. R:Old $\xrightarrow{\text{YES}}$ New. S:Old $\xrightarrow{\text{NO}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

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104200-55750	12	49
105010-11490	4	3
105425-01690	3	5
106760-01770	2	6
110250-55610	12	45
114250-39450	8	14
118200-53010	12	2
119000-59550	12	36
119025-01332	1	31
	15	2
119025-01500	2	1
119025-01770	3	4
119025-14580	6	3
119025-21700	7	1
119025-22900	7	33
119025-25100	6	9
119025-34800	8	3
119025-35080	8	9
119025-42000	9	1
119025-42020	9	3
119025-42030	9	4
	15	17
119025-51520	10	38
119025-59810	12	20
119025-59820	12	21
119025-59830	12	22
119025-92600	15	1
119027-01560	1	1
119125-01750	2	2
119125-01780	3	8
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119125-01800	1	33
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119125-01970	1	5
119125-02061	1	9
119125-02900	1	36
119125-02910	1	39
119125-02930	1	23
119125-02940	1	42
119125-21200	7	4
119125-21660	7	11
119125-25050	1	26
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119125-39220	8	12
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119125-51030	10	6
119125-51060	10	7
119125-51100	10	9
119125-51241	10	16
119125-51250	10	17
119125-51300	10	19
119125-51370	10	24
119125-51481	10	35
119125-51491	10	36
119125-51700	10	79
119125-51800	1	35
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119125-51900	10	84
119125-52000	10	97
119125-59560	12	32
119125-59570	12	34
119125-61100	11	5
119125-61110	11	7
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119125-61130	11	9
119125-61140	11	10
119125-61150	11	11
119125-61160	11	12
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119125-61390	11	14
119125-61401	11	15
119125-61430	11	21
119125-61450	11	86
119125-61501	11	30
119125-77010	13	1
119125-77170	13	8
119125-77200	13	11
119125-77210	13	12
119125-77230	13	13
119125-77270	13	15
119125-77280	13	16
119125-77320	14	30
119125-77520	13	17
119125-77660	13	18
119125-77710	13	19
119125-77760	13	20
119125-77800	4	53
119125-77820	4	54
119127-01600	3	2

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119131-18320	5	5
119209-35030	8	8
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119209-42320	15	18
119285-11990	4	11
119305-35151	8	15
119415-61700	11	116
119515-01200	1	30
119515-11101	4	13
119515-11110	4	14
119515-11200	4	20
119515-11240	4	21
119515-11280	4	25
119515-11310	4	44
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119515-11320	4	45
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119515-11380	4	34
119515-11800	4	57
119515-13200	5	7
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119515-14400	6	2
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119515-23000	7	24
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119515-42020	9	12
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119515-53001	12	1
119515-53010	12	3
119515-59540	12	26
119515-61440	11	22
119515-61560	11	94
119517-11740	4	4
119517-22090	7	16
119517-22500	7	18
119600-11460	4	2
	15	9
119609-22950	7	35
119620-01620	1	13
119620-02450	6	4
119620-14200	6	1
119620-21500	7	7
119620-59700	12	38
119620-77380	14	3
119620-77421	14	6
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119620-79220	14	9
119620-79230	14	10
119620-79250	14	5
119620-79260	14	17
119620-79280	14	20
119620-79290	14	21
119620-79300	14	22
119620-79310	14	23
119620-79320	14	24
119620-79330	14	25
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119620-79360	14	28
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119717-11190	4	17
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119717-11340	4	18
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119717-11350	4	19
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119717-11650	4	26
119717-13110	5	2
	15	10
119717-13600	5	3
119717-23200	7	27
119717-23910	7	30
119717-35140	8	6
119717-42350	9	16
119717-49800	9	20
119717-51150	10	13
119717-51190	10	15
119717-51420	10	27
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119717-61070	11	4
119718-13100	5	1
119734-02220	1	34
119802-03100	4	38
119802-03110	4	39
119802-03121	4	40
119802-03131	4	41
119802-03141	4	42
119802-13620	5	4
119802-77200	14	35
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26106-080162	4	56
26106-080202	14	33
26106-080252	9	21
26106-080352	2	4
26106-080402	4	32
26106-080452	2	5
	9	15
26106-080652	9	22
26106-100252	13	22
26106-100402	14	29
26206-100202	3	3
26306-080002	5	6
26366-080002	11	61
26577-060122	9	10
26716-120002	10	93
26756-060002	11	84
26979-050162	4	31
27241-300000	1	11
27241-450000	1	12
27260-120000	11	62
719027-51300	10	1
977770-1207F	15	27
X9490561001	14	2