

0CW10-M74600EN

P R E F A C E

1. This parts catalog is the 1st edition of 3TNV70-GACC for Atlas Copco Brasil Ltda.

Pub.No. : 0CW10-G74600

Published : June, 2012

2. Model name

Engine model	Vehicle	Vehicle made by
3TNV70-GACC	Lighting tower	Atlas Copco Brasil Ltda.

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	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1	N
		(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.

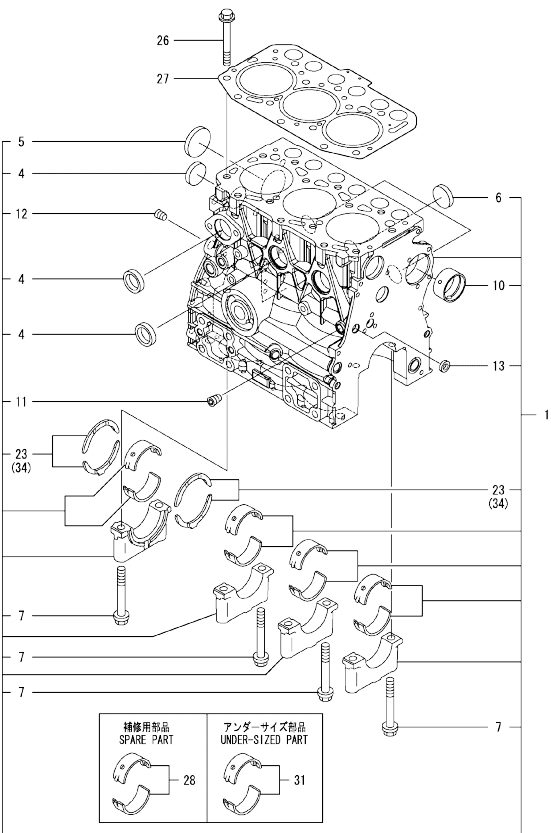
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

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3TNV70-GACC			
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4.	CYLINDER HEAD & BONNET		
5.	AIR CLEANER		
6.	EXHAUST MANIFOLD & SILENCER		
7.	CAMSHAFT & DRIVING GEAR		
8.	CRANKSHAFT & PISTON		
9.	LUB. OIL SYSTEM		
10.	COOLING WATER SYSTEM		
11.	FUEL INJECTION PUMP		
12.	GOVERNOR		
13.	FUEL INJECTION VALVE		
14.	FUEL LINE		
15.	STARTING MOTOR		
16.	GENERATOR		
17.	GASKET SET		

Fig.1. CYLINDER BLOCK

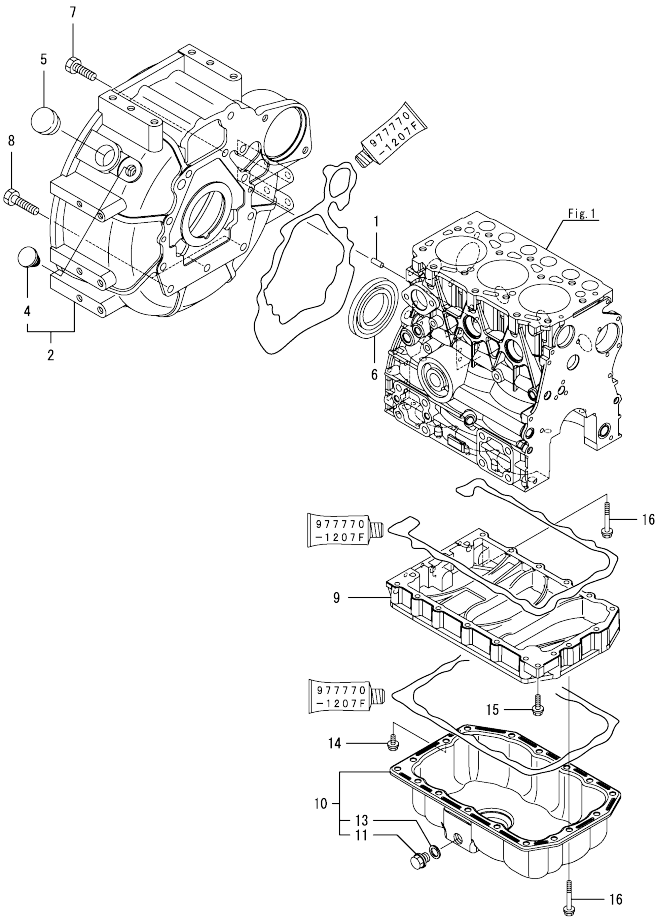


Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25)part.
(3)Over-sized(O.S.=0.25)part.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719515-01560	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	BEARING, THRUST	2							
26	1	119515-01200	BOLT, HEAD	14							
27	1	119515-01331	GASKET, HEAD	1							
28	1	719717-02901	BEARING, MAIN	4							1
31	1	719717-02911	BEARING, 0.25 US	4							2
34	1	119810-02941	BEARING, THRUST 0.25	2							3

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Fig.3. FLYWHEEL HOUSING & OIL SUMP



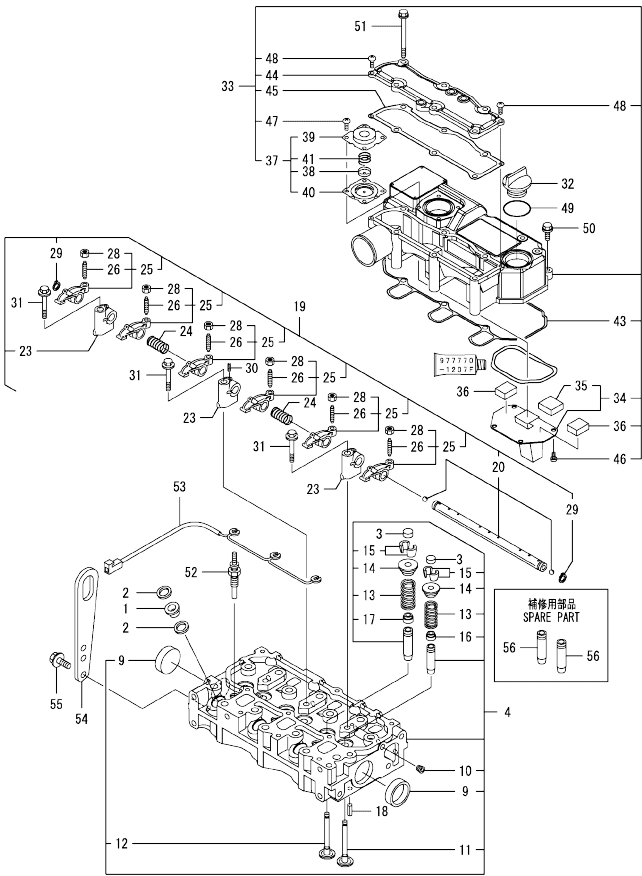
0CW10-M74600 Fig.3

(A)=3TNV70-GACC
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2							
2	1	119717-01611	HOUSING, FLYWHEEL	1							
4	2	119888-01850	PLUG, RUBBER	1							
5	1	119620-01750	CAP	1							
6	1	124085-02220	SEAL, OIL	1							
7	1	26206-100252	BOLT, M10X 25 PLATED	8							
8	1	26206-100302	BOLT, M10X 30 PLATED	3							
9	1	119515-01720	SPACER, OIL SUMP	1							
10	1	119515-01770	SUMP ASSY, OIL	1							
11	2	105425-01690	PLUG, 16	1							
13	2	22190-160002	WASHER, SEAL 16	1							
14	1	26106-060122	BOLT, M6X 12 PLATED	1							
15	1	26106-060252	BOLT, M6X 25 PLATED	1							
16	1	26106-060452	BOLT, M6X 45 PLATED	17							

Fig.4. CYLINDER HEAD & BONNET



Remarks
(1)Spare parts.

(A)=3TNV70-GACC
(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	119515-11740	HEAD ASSY, CYLINDER	1							
9	2	119285-11990	PLUG, 35	2							
10	2	23876-005000	PLUG, R005	1							
11	2	119515-11101	VALVE, INTAKE	3							
12	2	119515-11110	VALVE, EXHAUST	3							
13	2	119717-11131	SPRING, VALVE	6							
14	2	129508-11180	RETAINER, SPRING	6							
15	2	119717-11190	COTTER	12							
16	2	119717-11340	SEAL, VALVE STEM	3							
17	2	119717-11350	SEAL, VALVE STEM	3							
18	1	22351-060012	PIN, SPRING 6.0X12	2							
19	1	119515-11200	SUPPORT ASSY, ARM	1							
20	2	119515-11240	SHAFT ASSY, ROCKER	1							
23	2	119717-11260	SUPPORT, ROCKER ARM	3							
24	2	119515-11280	SPRING	2							
25	2	119717-11650	ARM, ROCKER	6							
26	3	129150-11230	SCREW, VALVE ADJUST	6							
28	3	129150-11750	NUT, M8	6							
29	2	22242-000120	RING, 12	2							
30	2	26979-050162	SCREW, M5X16	1							
31	1	26106-080402	BOLT, M8X 40 PLATED	3							
32	1	124160-01751	COVER, FILLER	1							
33	1	119515-11380	BONNET ASSY, HEAD	1							
34	2	119717-03031	PLATE	1							
35	3	119717-03070	BAFFLE, BREATHER	1							
36	2	119717-03070	BAFFLE, BREATHER	2							
37	2	119802-03100	DIAPHRAGM ASSY	1							
38	3	119802-03110	PLATE	1							
39	3	119802-03121	COVER, DIAPHRAGM	1							
40	3	119802-03131	DIAPHRAGM	1							
41	3	119802-03141	SPRING, DIAPHRAGM	1							
43	2	119515-11310	GASKET, BONNET	1							
44	2	119515-11320	COVER, BONNET	1							
45	2	119515-11330	GASKET	1							
46	2	22857-500100	SCREW, 5X10	4							
47	2	22857-500100	SCREW, 5X10	4							
48	2	22857-500160	SCREW, 5X16	2							
49	1	24311-000320	O-RING, 1AP32.0	1							
50	1	26106-060202	BOLT, M6X 20 PLATED	3							
51	1	26106-060752	BOLT, M6X 75 PLATED	6							
52	1	119717-77801	PLUG, GLOW	3							
53	1	119717-77820	CONNECTOR, GLOW PLUG	1							
54	1	129900-07900	LIFTER	1							
55	1	26106-080162	BOLT, M8X 16 PLATED	2							
56	1	119515-11800	GUIDE, VALVE	6							1

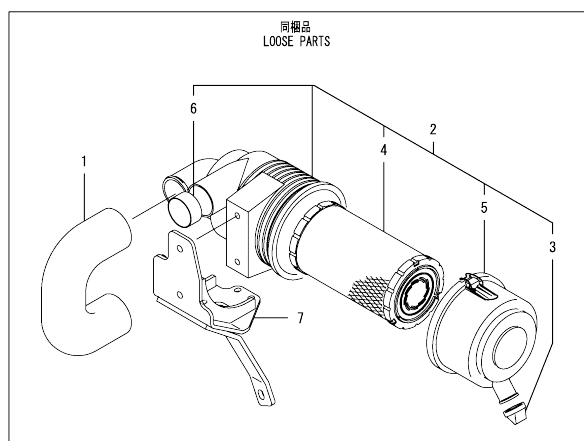
Fig.5. AIR CLEANER

(D)=
(E)=

(A)=3TNV70-GACC
(B)=
(C)=

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

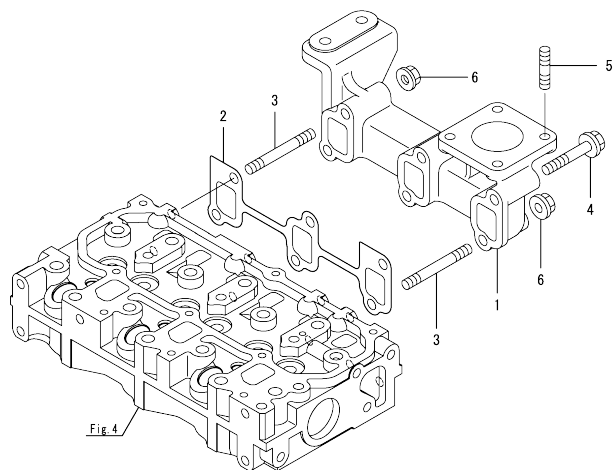
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119761-12020	PIPE, AIR INTAKE	1							
2	1	119515-12501	CLEANER ASSY, AIR	1							
3	2	119808-12540	VALVE, UNLOADER	1							
4	2	119655-12560	ELEMENT	1							
5	2	119336-12570	COVER ASSY	1							
6	2	105027-12580	RING	1							
7	1	119515-12600	BRACKET, AIR CLEANER	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.6. EXHAUST MANIFOLD & SILENCER



(A)=3TNV70-GACC
(B)=
(C)=

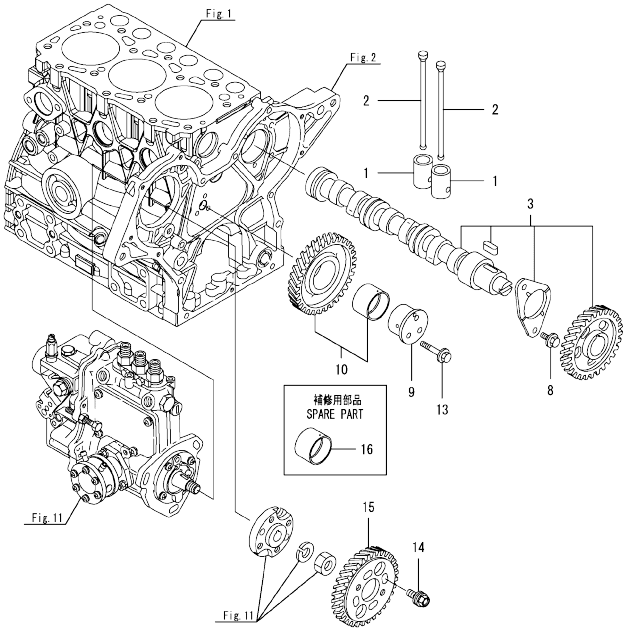
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119717-13109	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, M8X22	4							
6	1	26306-080002	NUT, M8	2							
7	1	119515-13200	GASKET, SILENCER	2							
8	1	119717-13550	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:Qty Change

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Fig.7. CAMSHAFT & DRIVING GEAR



Remarks
(1)Spare parts.

0CW10-M74600 Fig.7

(A)=3TNV70-GACC
(B)=
(C)=

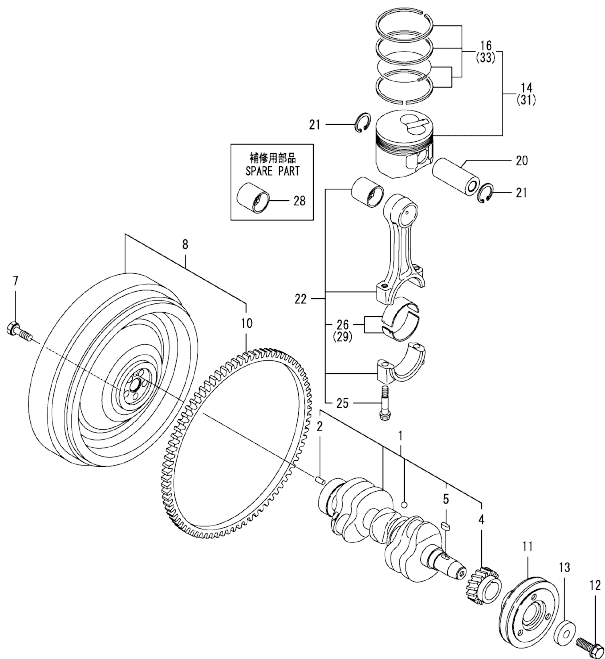
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119620-14200	TAPPET	6							
2	1	119515-14400	ROD, PUSH	6							
3	1	119515-14581	CAMSHAFT ASSY	1							
8	1	26106-060122	BOLT, M6X 12 PLATED	2							
9	1	119717-25050	SHAFT, IDLE	1							
10	1	119717-25101	GEAR ASSY, IDLE	1							
13	1	26106-060352	BOLT, M6X 35 PLATED	3							
14	1	129150-25301	BOLT	4							
15	1	119717-25930	GEAR, PUMP	1							
16	1	119717-25911	BUSH, IDLE GEAR	1							1

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{R/O}{YES}$ New, R:Old $\frac{YES}{YES}$ New, S:Old $\frac{R/O}{YES}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.8. CRANKSHAFT & PISTON



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

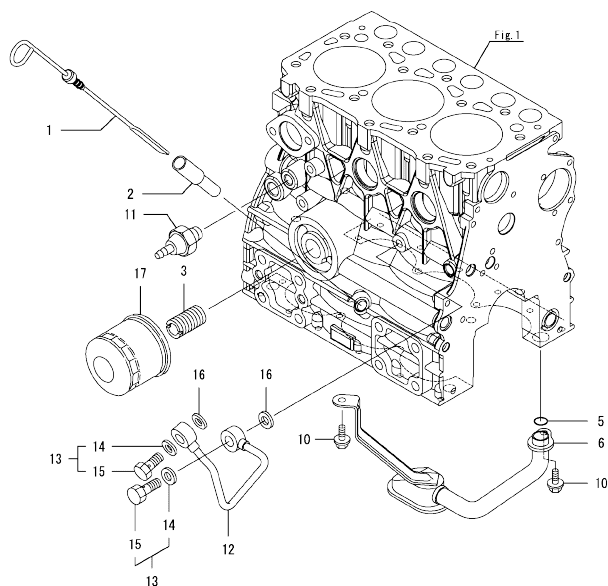
							0CW10-M74600 Fig.8					
							(A)=3TNV70-GACC (B)= (C)=					
							(D)= (E)= (F)=					
							Q'ty					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R	
1	1	119515-21700	CRANKSHAFT ASSY	1								
2	2	129100-01580	PIN, M&X16	1								
4	2	119717-21200	GEAR, CRANKSHAFT	1								
5	2	22512-040120	KEY, 4X 12	1								
7	1	121111-21501	BOLT, FLYWHEEL	5								
8	1	119746-21570	FLYWHEEL ASSY	1								
10	2	119865-21600	GEAR, RING	1								
11	1	119717-21650	V-PULLEY	1								
12	1	119621-21681	BOLT, FLANGE 12X1.25	1								
13	1	119620-21941	WASHER	1								
14	1	119515-22080	PISTON ASSY	3								
16	2	119515-22500	RING SET, PISTON	3								
20	1	119515-22300	PIN, PISTON	3								
21	1	22252-000220	RING, 22	6								
22	1	119515-23000	ROD ASSY, CONNECTING	3								
25	2	119717-23200	BOLT, CONNECTING ROD	6								
26	2	119515-23601	BEARING, CRANK PIN	3								
28	1	119717-23910	BEARING, PISTON PIN	3							1	
29	1	119515-23611	METAL ASSY, 0.25	3							2	
31	1	119515-22900	PISTON ASSY, 0.25 OS	3							3	
33	2	119515-22550	RING SET, 0.25 OS	3							3	

Fig.9. LUB. OIL SYSTEM

(D)=
(E)=

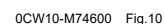
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-34801	DIPSTICK, OIL	1							
2	1	121520-34810	GUIDE, DIPSTICK	1							
3	1	119717-35140	BOLT	1							
5	1	119717-32060	O-RING, P15.0	1							
6	1	119515-35080	PIPE ASSY, OIL INLET	1							
10	1	26106-060102	BOLT, M6X 10 PLATED	2							
11	1	114250-39450	SWITCH, 0.5KG	1							
12	1	119717-39210	PIPE, OIL	1							
13	1	129005-59830	BOLT ASSY, JOINT M8	2							
14	2	22190-080002	WASHER, SEAL 6	2							
15	2	23857-030000	BOLT, JOINT 3	2							
16	1	22190-080002	WASHER, SEAL 6	2							
17	1	119305-35151	FILTER ASSY, D68XL65	1							1

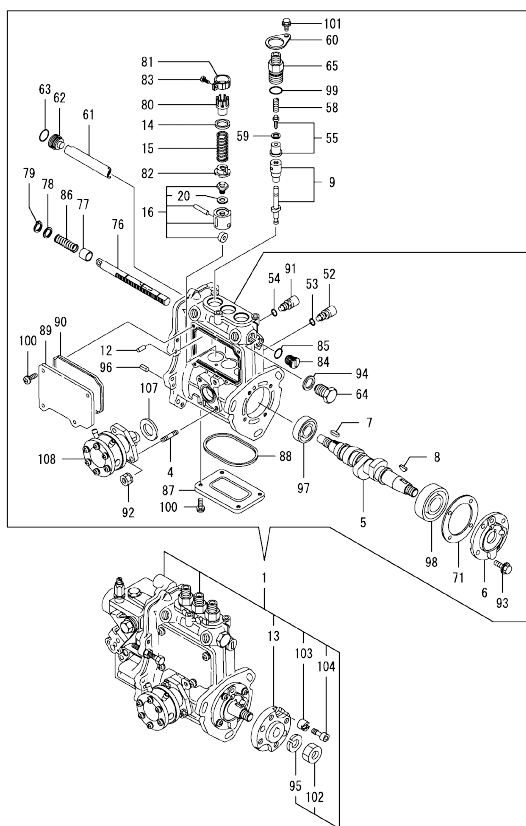


Remarks
(1) Spare parts.

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



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



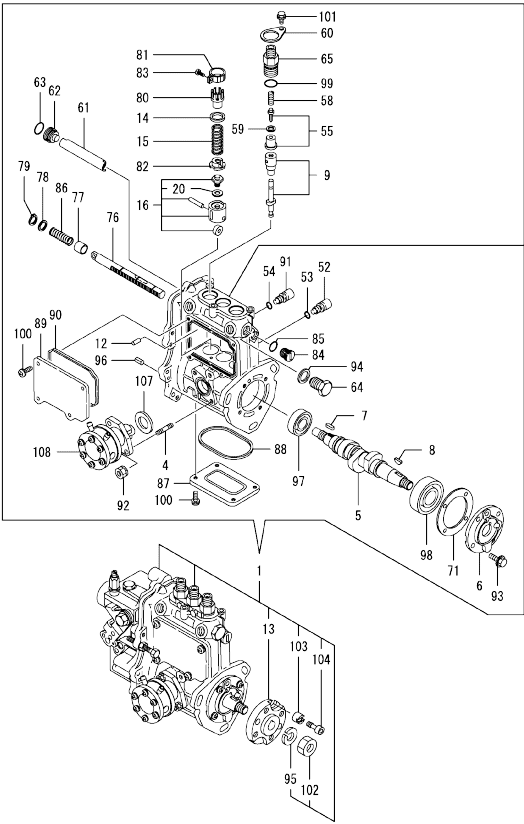
Remarks
(1)Governor(Fig.12)is incorporated in this Fuel Injection Pump (Ref.1).

No.	Lev.	Parts No.	Description	(A)=3TNV70-GACC						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719546-51350	PUMP ASSY, INJECTION	1							1
4	2	129155-51020	STUD	2							
5	2	119717-51030	CAMSHAFT	1							
6	2	119717-51060	SUPPORT, CAMSHAFT	1							
7	2	119717-51070	KEY	1							
8	2	122710-51090	KEY	1							
9	2	119415-51100	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	119717-51200	TAPPET ASSY	3							
20	3	129155-51600	SHIM SET, ADJUSTING	3							
52	2	158600-51270	STOPPER, TAPPET	3							
53	2	129155-51280	O-RING, S6	3							
54	2	129155-51280	O-RING, S6	1							
55	2	119717-51300	VALVE ASSY, DELIVERY	3							
58	2	119717-51330	SPRING, DELIVERY	3							
59	2	124550-51350	GASKET, DELIVERY	3							
60	2	119125-51370	RETAINER	3							
61	2	129155-51400	DEFLECTOR	1							
62	2	158600-51410	PLUG, DEFLECTOR	1							
63	2	119717-51420	O-RING	1							
64	2	158600-51420	PLUG, DEFLECTOR	1							
65	2	158600-51442	VALVE ASSY, DELIVERY	3							
71	2	129155-51450	SHIM SET, ADJUSTING	1							
76	2	119717-51500	RACK, CONTROL	1							
77	2	119025-51520	BUSH, RACK	1							
78	2	129155-51530	SPACER	1							
79	2	129155-51540	CIRCLIP	1							
80	2	129155-51550	PINION, CONTROL	3							
81	2	129100-51560	PINION	3							
82	2	119717-51570	RETAINER, SPRING	3							
83	2	129100-51570	SCREW	3							
84	2	158600-51570	PLUG	1							
85	2	129155-51580	O-RING	1							
86	2	129155-51591	SPRING, RACK	1							
87	2	129155-51701	COVER	1							
88	2	119717-51711	GASKET	1							
89	2	119717-51750	COVER	1							
90	2	119717-51761	GASKET	1							
91	2	158600-51790	STOOPER, RACK	1							
92	2	119717-51860	NUT, M6	2							

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.11. FUEL INJECTION PUMP



Remarks
(1)Governor(Fig.12)is incorporated in this Fuel Injection Pump (Ref.1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
101	2	26106-050102	BOLT, M5X 10 PLATED	3							
102	2	26716-120002	NUT, M12	1							
103	2	119717-51481	COLLAR, FIC FIX	1							
104	2	119717-51491	BOLT, FIXATION	1							
107	2	129155-52051	GASKET	1							
108	2	129100-52101	PUMP ASSY, FUEL FEED	1							

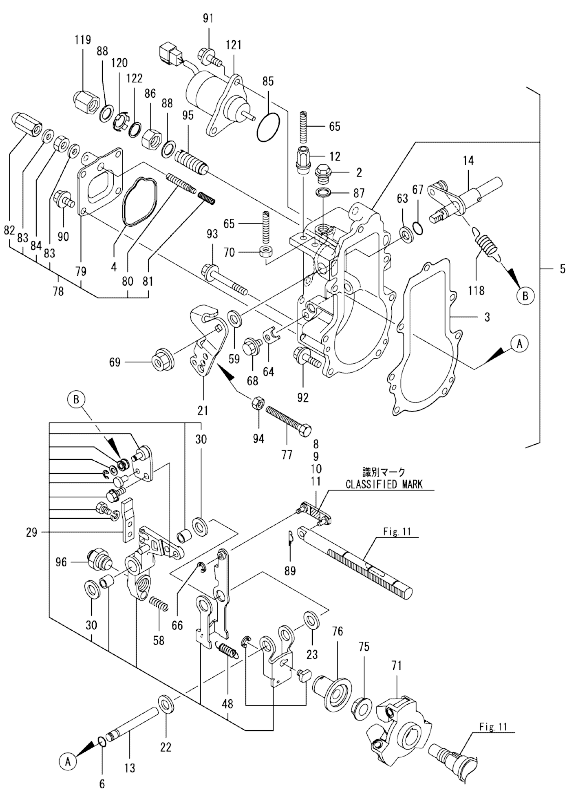
0CW10-M74600 3TNV70-GACC

Fig.12. GOVERNOR

0CW10-M74600 Fig.12

(A)=3TNV70-GACC
(B)=
(C)=

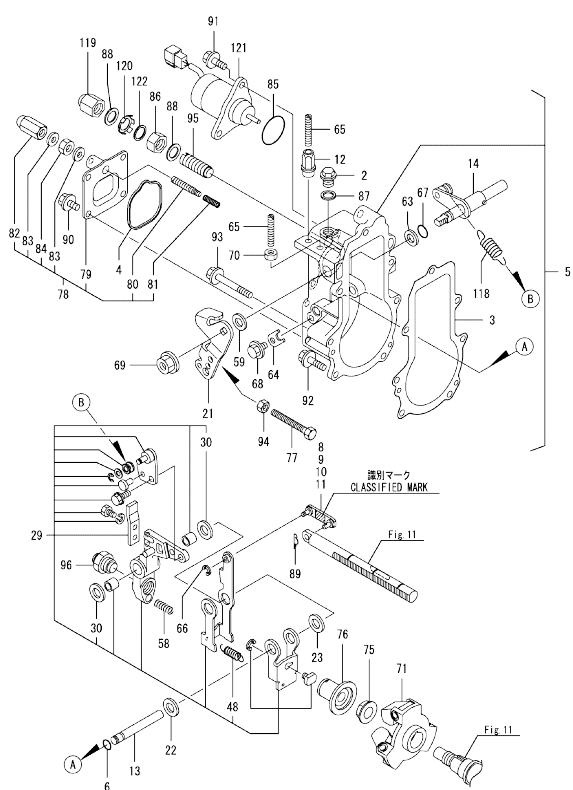
(D)=
(E)=
(F)=



Remarks
*This figure(Governor)is incorporated
in the Fuel Injection Pump (Fig.11).
(1)Selective parts, mark: 3
(2)Selective parts, mark: 98
(3)Selective parts, mark: 88
(4)Selective parts, mark: 03

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	119746-61100	CASE ASSY, GOVERNOR	1							
6	3	129155-61280	O-RING, S6	1							
8	3	119717-61120	LINK, MARK :3	1							1
9	3	119717-61130	LINK, MARK 98	1							2
10	3	119717-61140	LINK, MARK 88	1							3
11	3	119717-61150	LINK, MARK 03	1							4
12	3	129209-61370	NUT, M6	1							
13	3	129052-61390	SHAFT	1							
14	3	119717-61400	SHAFT ASSY	1							
21	3	119746-61440	LEVER, CONTROL	1							
22	3	129156-61460	SHIM, T=0.6	1							
23	3	129155-61480	SPACER ASSY	1							
29	3	119746-61500	LEVER ASSY, GOVERNOR	1							
30	4	174307-51700	SHIM SET	2							
48	4	129486-61540	SPRING, SET	1							
58	3	129486-61650	SPRING, STARTING	1							
59	3	158552-61700	SHIM SET	1							
63	3	158552-61710	SHIM, T=1.0	1							
64	3	119660-61901	RETAINER, SHAFT	1							
65	3	121575-66830	SCREW	2							
66	3	22272-000030	RING, E- 3	1							
67	3	24341-000070	O-RING, 1AS7.0	1							
68	3	26106-060102	BOLT, M6X 10 PLATED	1							
69	3	26366-080002	NUT, M8	1							
70	3	26756-060002	NUT, LOCK M6	1							
71	2	119717-61201	WEIGHT ASSY,GOVERNOR	1							
75	2	129008-61301	NUT	1							
76	2	129155-61341	SLEEVE	1							
77	2	129155-61460	BOLT, IDLE	1							
78	2	119746-61600	COVER ASSY	1							
79	3	119746-61060	COVER, GOVERNOR CASE	1							
80	3	119645-61070	SCREW	1							
81	3	119746-61080	SPRING	1							
82	3	119600-66840	NUT, CAP	1							
83	3	22190-060003	SEAL WASER 6	2							
84	3	26756-060002	NUT, LOCK M6	1							
85	2	158552-61900	O-RING	1							
86	2	129209-61920	NUT, ARB	1							
87	2	22190-100002	WASHER, SEAL 10	1							
88	2	22190-120002	WASHER, SEAL 12	2							
89	2	22372-040000	PIN, SNAP 4	1							
90	2	26106-060102	BOLT, M6X 10 PLATED	4							
91	2	26106-060142	BOLT, M6X 14 PLATED	2							
92	2	26106-060202	BOLT, M6X 20 PLATED	4							
93	2	26106-060452	BOLT, M6X 45 PLATED	3							
94	2	26756-060002	NUT, LOCK M6	1							
95	2	120323-61470	BOLT, CONTROL	1							
96	2	119746-61550	ANGLEICH ASSY	1							

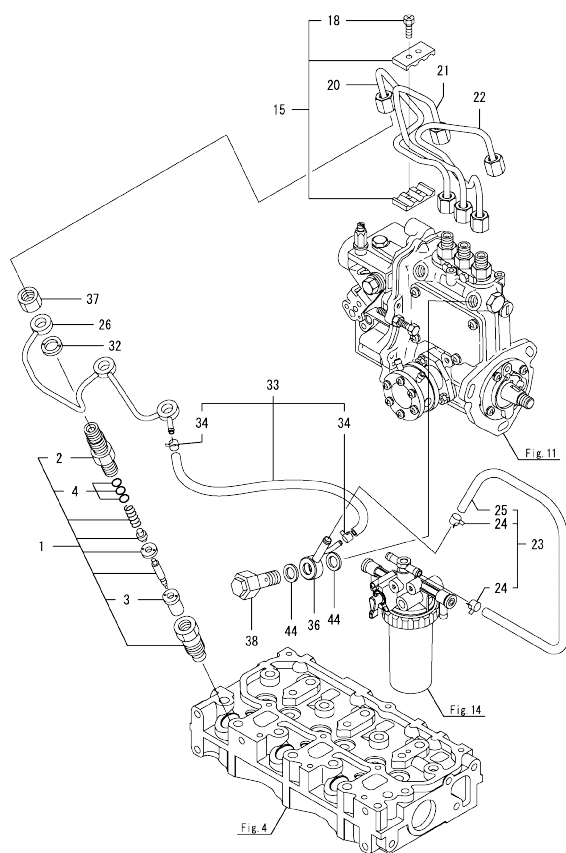
N:Old, New, Q:Old, New, R:Old, New, S:Old, New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
118	2	119746-61700	SPRING, GOVERNOR	1							
119	2	129209-61930	NUT, CAP	1							
120	2	129209-61970	PLATE	1							
121	2	119653-77950	SOLENOID, STOP	1							
122	2	23414-120016	GASKET, 12X1.0	1							

Remarks
*This figure(Governor)is incorporated
in the Fuel Injection Pump (Fig.11).
(1)Selective parts, mark; 3
(2)Selective parts, mark; 98
(3)Selective parts, mark; 88
(4)Selective parts, mark; 03

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:Qty Change



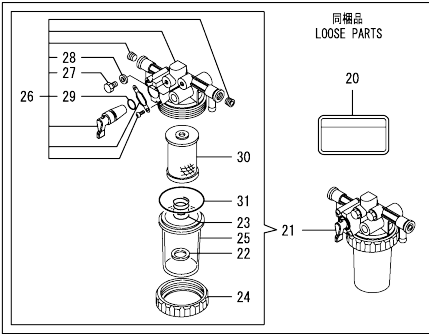
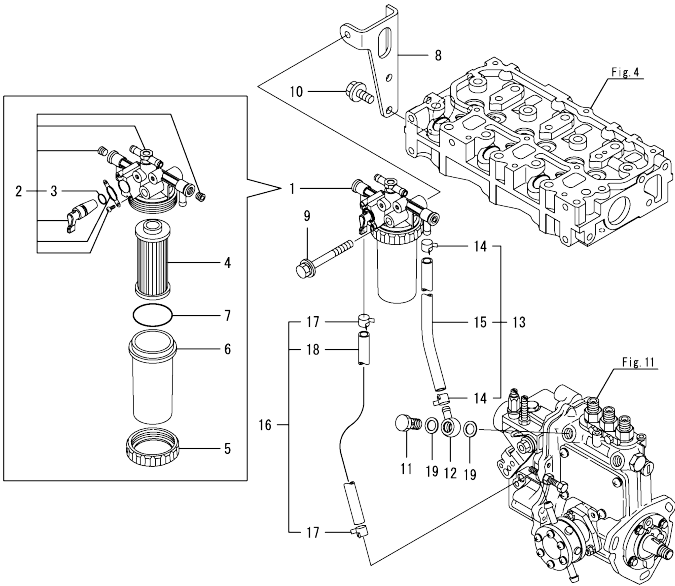
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119515-53001	VALVE ASSY,INJECTION	3							
2	2	118200-53010	HOLDER, NOZZLE	3							
3	2	119515-53010	VALVE ASSY,INJECTION	3							
4	2	129901-53800	SHIM SET, ADJUSTING	3							1
15	1	129150-59120	RETAINER, PIPE	1							
18	2	129150-59131	BOLT, M4X14	2							
20	1	119546-59810	PIPE ASSY, INJECTION	1							
21	1	119546-59820	PIPE ASSY, INJECTION	1							
22	1	119546-59830	PIPE ASSY, INJECTION	1							
23	1	129210-59150	PIPE ASSY, FUEL	1							
24	2	124766-59050	CLIP, HOSE 12	2							
25	2	105025-59530	PIPE, FUEL D13X400	1							
26	1	119515-59540	PIPE ASSY, RETURN	1							
32	1	129901-59560	GASKET	3							
33	1	119540-59570	PIPE ASSY, RETURN	1							
34	2	124066-59100	CLIP, HOSE 8	2							
36	1	119840-59570	JOINT	1							
37	1	119620-59700	NUT, NOZZLE	3							
38	1	119813-59950	VALVE ASSY, CHECK	1							
44	1	22190-120002	WASHER, SEAL 12	2							

Remarks
(1)Spare part.

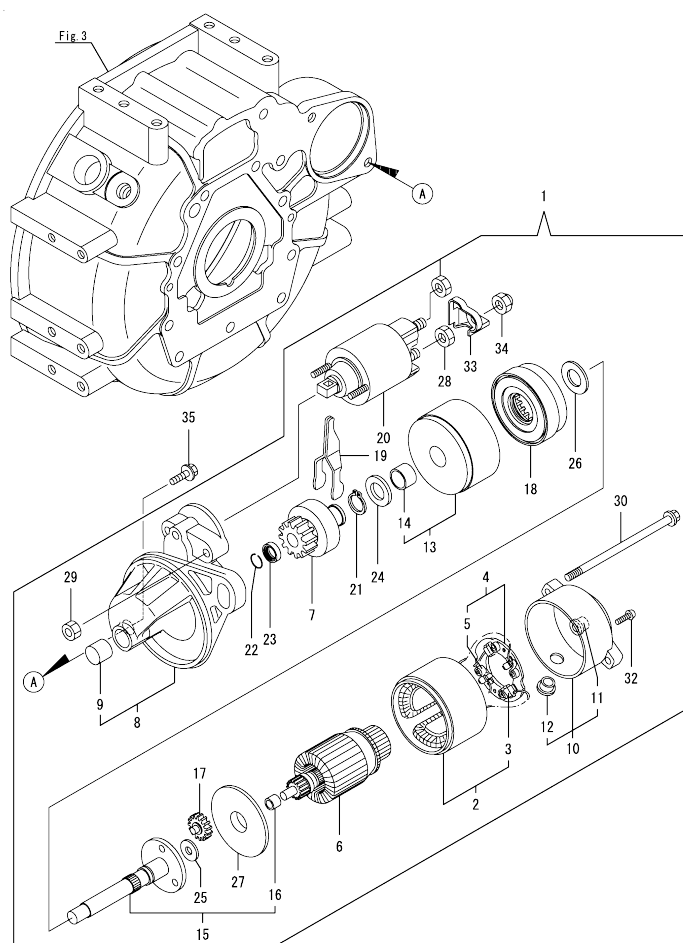
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Fig.14. FUEL LINE



										0CW10-M74600 Fig.14	
										(A)=3TNV70-GACC (D)=	
										(B)= (E)=	
										(C)= (F)=	
										Q'ty	
										(A) (B) (C) (D) (E) (F)	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119833-55630	FILTER ASSY, FUEL	1							
2	2	119833-55640	BODY ASSY, FILTER	1							
3	3	24311-000110	O-RING, 1AP11.0	1							
4	2	119833-55650	ELEMENT, FUEL	1							
5	2	119833-55660	RING, RETAINING	1							
6	2	119833-55670	BOWL, STRAINER	1							
7	2	24311-000440	O-RING, 1AP44.0	1							
8	1	119717-55650	BRACKET, FILTER	1							
9	1	26014-080702	BOLT, M8X 70	1							
10	1	26106-080162	BOLT, M8X 16 PLATED	2							
11	1	103854-39140	BOLT, PIPE JOINT	1							
12	1	101304-59020	JOINT, PIPE 12	1							
13	1	129210-59080	PIPE ASSY, FUEL	1							
14	2	124766-59050	CLIP, HOSE 12	2							
15	2	129136-59110	PIPE, D13/7.5X270	1							
16	1	129210-59150	PIPE ASSY, FUEL	1							
17	2	124766-59050	CLIP, HOSE 12	2							
18	2	105025-59530	PIPE, FUEL D13X400	1							
19	1	22190-120002	WASHER, SEAL 12	2							
20	1	114110-07761	LABEL, FUEL OIL CAUT	1							
21	1	129335-55750	SEPARATOR ASSY, WATER	1							
22	2	129053-55640	FLOAT	1							
23	2	129053-55650	SPRING, SCREEN	1							
24	2	119833-55660	RING, RETAINING	1							
25	2	129335-55740	CUP	1							
26	2	129335-55770	BODY ASSY	1							
27	3	129242-55750	VALVE, AIR VENT	1							
28	3	129242-55760	GASKET	1							
29	3	24311-000110	O-RING, 1AP11.0	1							
30	2	129335-55780	ELEMENT ASSY	1							
31	2	24311-000440	O-RING, 1AP44.0	1							



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119515-77010	STARTER	1							
2	2	X0281007680	YOKE ASSY	1							
3	3	X0280996180	STARTER KIT	2							
4	2	X0285105190	HOLDER ASSY	1							
5	3	X0285205030	SPRING	4							
6	2	X0282005871	ARMATURE ASSY	1							
7	2	X0283006960	CLUTCH ASSY	1							
8	2	X4284001590	HOUSING ASSY	1							
9	3	X9491050100	BEARING, NEEDLE	1							
10	2	X0285007030	FRAME ASSY	1							
11	3	X9491040990	BEARING	1							
12	3	X0280626010	COVER	1							
13	2	X0284105040	BEARING ASSY	1							
14	3	X9491034330	BEARING	1							
15	2	X0286105010	SHAFT ASSY	1							
16	3	X9491034320	BEARING	1							
17	2	X0286305010	GEAR	3							
18	2	X0286355010	GEAR	1							
19	2	X0287405140	LEVER	1							
20	2	X0534007800	SWITCH ASSY	1							
21	2	X9055715000	RING	1							
22	2	X9490721360	RING	1							
23	2	X0280210331	NUT	1							
24	2	X9490138110	WASHER	1							
25	2	X9490138090	WASHER	1							
26	2	X9490138100	WASHER	1							
27	2	X0284525010	PLATE	1							
28	2	X9490562360	NUT	1							
29	2	X9490560750	NUT	2							
30	2	X9490423520	BOLT, THROUGH	2							
32	2	X9490065670	SCREW, M4X6	2							
33	2	X0280335360	COVER, TERMINAL	1							
34	2	X1289510130	NUT	1							
35	1	26106-100252	BOLT, M10X 25 PLATED	2							

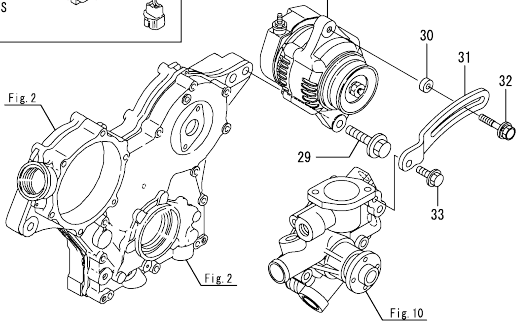
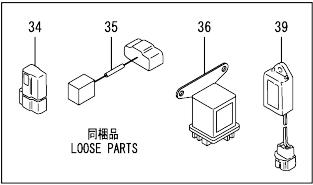
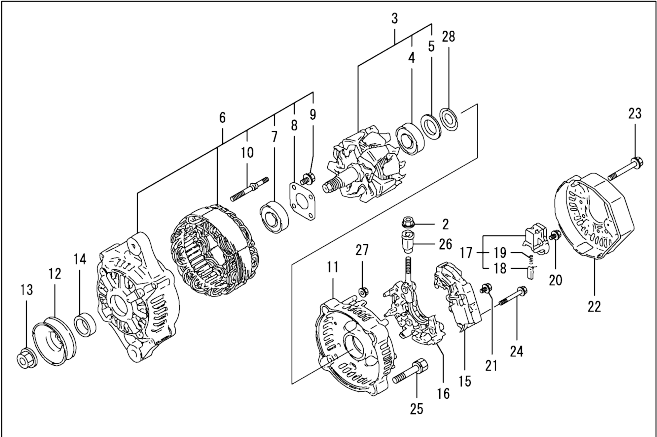
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

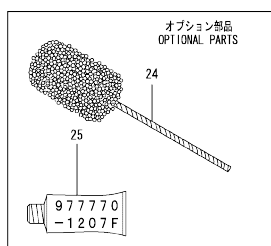
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(A)=3TNV70-GACC
(B)=
(C)=

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

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	119620-77461	PULLEY	1							
13	2	119620-77471	NUT	1							
14	2	119620-77490	COLLAR	1							
15	2	129423-77710	REGULATOR ASSY	1							
16	2	119620-79260	HOLDER	1							
17	2	129052-79270	HOLDER, BRUSH	1							
18	3	119620-77480	BRUSH ASSY	2							
19	3	119620-79280	SPRING	2							
20	2	119620-79290	SCREW	6							
21	2	119620-79300	SCREW	1							
22	2	129240-79300	COVER	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	26106-100452	BOLT, M10X 45 PLATED	1							
30	1	119940-77270	SPACER, GENERATOR	1							
31	1	119717-77340	ADJUSTER	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	129457-77511	CONNECTOR	1							
36	1	119650-77911	RELAY ASSY, GLOW	1							
39	1	129211-77920	TIMER	1							





No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719515-92810	GASKET SET	1							
2	2	719515-01331	GASKET, HEAD	1							
3	2	719624-32040	O-RING, P12.0	1							
4	2	719717-32050	O-RING, P17.0	3							
5	2	721850-51960	O-RING	1							
6	2	724311-000320	O-RING, 1AP32.0	2							
7	2	724341-000240	O-RING, 1AS24.0	1							
8	2	722190-160002	WASHER, SEAL 16	1							
9	2	729901-11450	PROTECTOR, NOZZLE	3							
10	2	719600-11460	GASKET, NOZZLE	6							
11	2	719717-11340	SEAL, VALVE STEM	3							
12	2	719717-11350	SEAL, VALVE STEM	3							
13	2	719515-11310	GASKET, BONNET	1							
14	2	719515-11330	GASKET	1							
15	2	719717-13110	GASKET	1							
16	2	719515-13200	GASKET, SILENCER	2							
17	2	719717-32060	O-RING, P15.0	1							
18	2	722190-080002	WASHER, SEAL 6	4							
19	2	719515-42020	GASKET, WATER PUMP	1							
20	2	723414-080000	GASKET, 8X1.0	1							
21	2	724465-44950	GASKET, 16	2							
22	2	729901-59560	GASKET	3							
23	2	722190-120002	WASHER, SEAL 12	7							
24	1	729400-92410	HONE	1							
25	1	797770-1207F	GASKET, LIQUID	1							

Remarks
(1)Optional parts.

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

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	14	12
103854-39140	14	11
105010-11490	4	3
105025-59530	13	25
	14	18
105027-12580	5	6
105311-01090	1	4
105425-01690	3	11
114110-07761	14	20
114250-39450	9	11
118200-53010	13	2
119025-51520	11	77
119125-51370	11	60
119125-51900	11	93
119131-18320	6	5
119255-44660	10	42
119265-44740	10	18
119285-01990	1	6
119285-11990	4	9
119305-35151	9	17
119336-12570	5	5
119415-51100	11	9
119515-01200	1	26
119515-01331	1	27
	17	2
119515-01720	3	9
119515-01770	3	10
119515-11101	4	11
119515-11110	4	12
119515-11200	4	19
119515-11240	4	20
119515-11280	4	24
119515-11310	4	43
	17	13
119515-11320	4	44
119515-11330	4	45
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119515-11380	4	33
119515-11740	4	4
119515-11800	4	56
119515-12501	5	2
119515-12600	5	7
119515-13200	6	7
	17	16
119515-14400	7	2
119515-14581	7	3
119515-21700	8	1
119515-22080	8	14
119515-22300	8	20
119515-22500	8	16

Parts No.	Fig. No.	Ref. No.
119515-22550	8	33
119515-22900	8	31
119515-23000	8	22
119515-23601	8	26
119515-23611	8	29
119515-34801	9	1
119515-35080	9	6
119515-42002	10	1
119515-42020	10	12
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119515-42041	10	4
119515-44600	10	31
119515-44610	10	32
119515-53001	13	1
119515-53010	13	3
119515-59540	13	26
119515-77010	15	1
119540-59570	13	33
119546-59810	13	20
119546-59820	13	21
119546-59830	13	22
119600-11460	4	2
	17	10
119600-66840	12	82
119620-01750	3	5
119620-02020	1	7
119620-14200	7	1
119620-21941	8	13
119620-59700	13	37
119620-77380	16	3
119620-77421	16	6
119620-77440	16	11
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119620-77471	16	13
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119620-79250	16	5
119620-79260	16	16
119620-79280	16	19
119620-79290	16	20
119620-79300	16	21
119620-79310	16	23
119620-79320	16	24
119620-79330	16	25
119620-79340	16	26
119620-79350	16	27

Parts No.	Fig. No.	Ref. No.
119620-79360	16	28
119621-21681	8	12
119623-01250	1	5
119624-32040	2	18
	17	3
119643-66900	16	34
119645-61070	12	80
119650-77911	16	36
119653-77950	12	121
119655-12560	5	4
119660-01911	2	17
119660-61901	12	64
119717-01501	2	1
119717-01570	2	2
119717-01611	3	2
119717-01750	2	16
119717-01800	2	7
119717-02411	1	10
119717-02930	1	23
119717-03031	4	34
119717-03070	4	35
		36
119717-11131	4	13
119717-11190	4	15
119717-11260	4	23
119717-11340	4	16
	17	11
119717-11350	4	17
	17	12
119717-11650	4	25
119717-13109	6	1
119717-13110	6	2
	17	15
119717-13550	6	8
119717-13600	6	3
119717-21200	8	4
119717-21650	8	11
119717-23200	8	25
119717-23910	8	28
119717-25050	7	9
119717-25101	7	10
119717-25911	7	16
119717-25930	7	15
119717-32050	2	19
	17	4
119717-32060	9	5
	17	17
119717-32080	2	9
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