

0CW10-M33700EN

# P R E F A C E

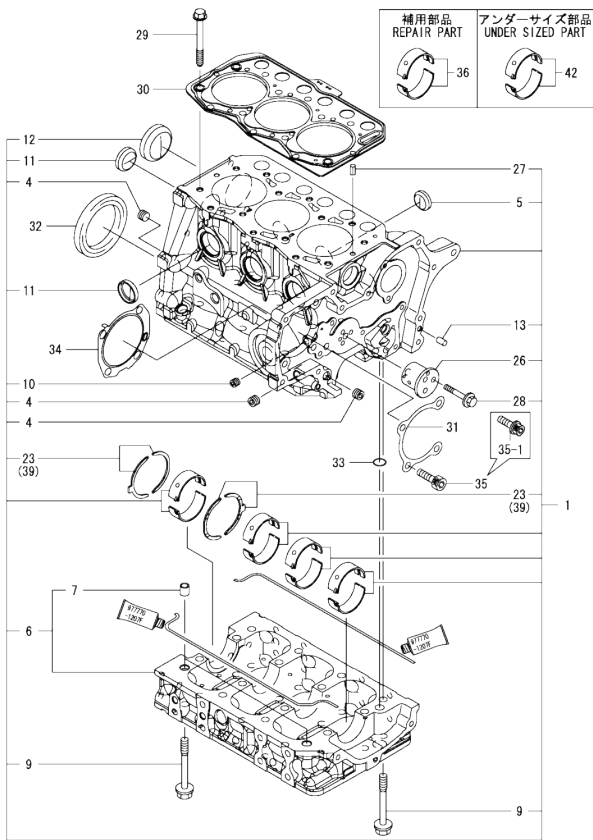
1. This parts Catalog carries all parts incorporated in YANMAR Model 3TNM68-AMW engine manufactured since May,2008.
2. Each illustration corresponds to the parts list on the following page.
3. When ordering parts, clearly write down the engine model and serial number, as well as the name and number of each part in your order sheet. This will help insure reliable delivery of the parts you have ordered.

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0CW10-M33700

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Fig.1. CYLINDER BLOCK



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

(A)=3TNM68-AMW  
(B)=  
(C)=

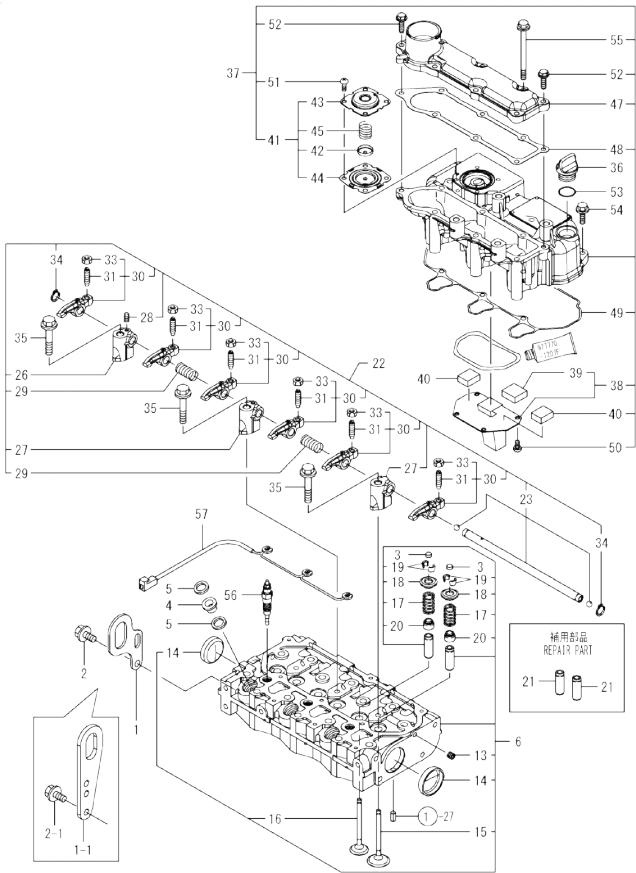
(D)=  
(E)=  
(F)=

| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 119127-01560 | BLOCK ASSY, CYLINDER | 1    |     |     |     |     |     |   |   |
| 4             | 2    | 124060-01050 | PLUG, PT1/8          | 3    |     |     |     |     |     |   |   |
| 5             | 2    | 119125-01970 | PLUG, 25             | 3    |     |     |     |     |     |   |   |
| 6             | 2    | 119125-02000 | FRAME ASSY, PIPE     | 1    |     |     |     |     |     |   |   |
| 7             | 3    | 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    | 22351-060012 | PIN, SPRING 6.0X12   | 2    |     |     |     |     |     |   |   |
| 28            | 2    | 26106-060402 | BOLT, M6X 40 PLATED  | 3    |     |     |     |     |     |   |   |
| 29            | 1    | 119266-01200 | BOLT, HEAD           | 14   |     |     |     |     |     |   |   |
| 30            | 1    | 119125-01330 | GASKET, HEAD         | 1    |     |     |     |     |     |   |   |
| 31            | 1    | 119125-01790 | GASKET               | 1    |     |     |     |     |     |   |   |
| 32            | 1    | 124085-02220 | SEAL, OIL            | 1    |     |     |     |     |     |   |   |
| 32-1          | 1    | 119734-02220 | SEAL, OIL            | 1    |     |     |     |     |     | N |   |
| (A="2008.10.) |      |              |                      |      |     |     |     |     |     |   |   |
| 33            | 1    | 129900-32040 | O-RING, P14          | 1    |     |     |     |     |     |   |   |
| 34            | 1    | 119125-51800 | GASKET               | 1    |     |     |     |     |     |   |   |
| 35            | 1    | 26450-080252 | BOLT, M8X 25         | 4    |     |     |     |     |     |   |   |
| 35-1          | 1    | 119125-01800 | FLANGE BOLT, M8X1.25 | 4    |     |     |     |     |     | N |   |
| (A="EZZZZZ)   |      |              |                      |      |     |     |     |     |     |   |   |
| 36            | 1    | 119125-02900 | BEARING, MAIN        | 4    |     |     |     |     |     |   | 1 |
| 39            | 1    | 119125-02940 | BEARING, THRUST 0.25 | 2    |     |     |     |     |     |   | 2 |
| 42            | 1    | 119125-02910 | BEARING, 0.25 US     | 4    |     |     |     |     |     |   | 3 |





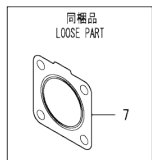
Fig.4. CYLINDER HEAD & BONNET



Remarks  
(1) Repair parts.  
(2) No.1-1 and No.2-1 are the exchanges simultaneously.

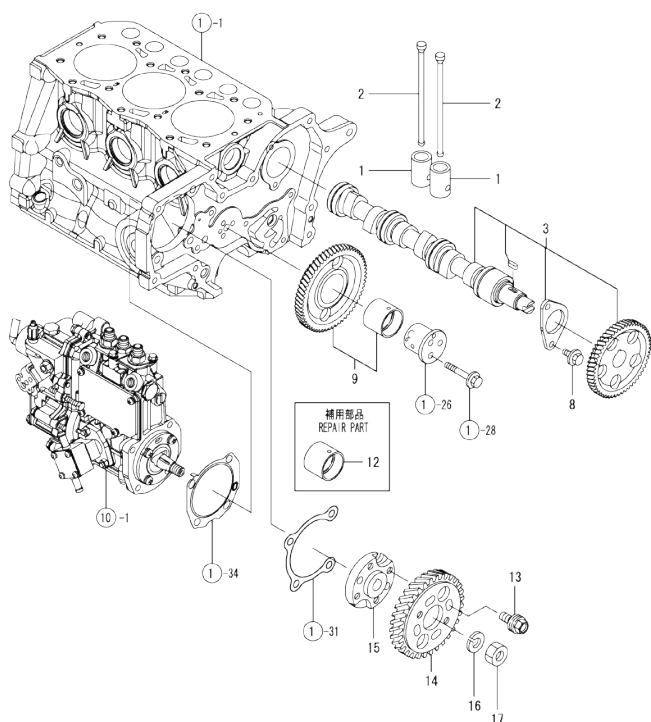
|              |      |              |                      |     |     |     |     |     |     | 0CW10-M33700 Fig.4             |   |
|--------------|------|--------------|----------------------|-----|-----|-----|-----|-----|-----|--------------------------------|---|
|              |      |              |                      |     |     |     |     |     |     | (A)=3TNM68-AMW<br>(B)=<br>(C)= |   |
|              |      |              |                      |     |     |     |     |     |     | (D)=<br>(E)=<br>(F)=           |   |
|              |      |              |                      |     |     |     |     |     |     | Q'ty                           |   |
|              |      |              |                      |     |     |     |     |     |     | I R                            |   |
| No.          | Lev. | Parts No.    | Description          | (A) | (B) | (C) | (D) | (E) | (F) |                                |   |
| 1            | 1    | 119285-07900 | LIFTER               | 1   |     |     |     |     |     |                                |   |
| 1-1          | 1    | 119226-07900 | LIFTER               | 1   |     |     |     |     |     | N                              | 2 |
| (A=E, 18761) |      |              |                      |     |     |     |     |     |     |                                |   |
| 2            | 1    | 26106-080142 | BOLT, M8X 14 PLATED  | 2   |     |     |     |     |     |                                |   |
| 2-1          | 1    | 26106-080162 | BOLT, M8X 16 PLATED  | 2   |     |     |     |     |     | N                              | 2 |
| (A=E, 18761) |      |              |                      |     |     |     |     |     |     |                                |   |
| 3            | 1    | 119260-11370 | CAP, VALVE           | 6   |     |     |     |     |     |                                |   |
| 4            | 1    | 129901-11450 | PROTECTOR, NOZZLE    | 3   |     |     |     |     |     |                                |   |
| 5            | 1    | 119600-11460 | GASKET, NOZZLE       | 6   |     |     |     |     |     |                                |   |
| 6            | 1    | 119125-11740 | HEAD ASSY, CYLINDER  | 1   |     |     |     |     |     |                                |   |
| 13           | 2    | 23876-005000 | PLUG, R005           | 1   |     |     |     |     |     |                                |   |
| 14           | 2    | 27241-350000 | PLUG, 35             | 2   |     |     |     |     |     |                                |   |
| 15           | 2    | 119125-11100 | VALVE, INTAKE        | 3   |     |     |     |     |     |                                |   |
| 16           | 2    | 119125-11110 | VALVE, EXHAUST       | 3   |     |     |     |     |     |                                |   |
| 17           | 2    | 119125-11130 | SPRING, VALVE        | 6   |     |     |     |     |     |                                |   |
| 18           | 2    | 119125-11180 | RETAINER, SPRING     | 6   |     |     |     |     |     |                                |   |
| 19           | 2    | 119125-11190 | COTTER               | 12  |     |     |     |     |     |                                |   |
| 20           | 2    | 119125-11340 | SEAL, VALVE STEM     | 6   |     |     |     |     |     |                                |   |
| 21           | 1    | 119125-11800 | GUIDE, VALVE         | 6   |     |     |     |     |     |                                | 1 |
| 22           | 1    | 119125-11200 | SUPPORT ASSY, ARM    | 1   |     |     |     |     |     |                                |   |
| 23           | 2    | 119125-11240 | SHAFT ASSY, ROCKER   | 1   |     |     |     |     |     |                                |   |
| 26           | 2    | 119125-11260 | SUPPORT, ROCKER ARM  | 1   |     |     |     |     |     |                                |   |
| 27           | 2    | 119125-11270 | SUPPORT, ROCKER ARM  | 2   |     |     |     |     |     |                                |   |
| 28           | 2    | 119260-11270 | SCREW                | 1   |     |     |     |     |     |                                |   |
| 29           | 2    | 119260-11280 | SPRING               | 2   |     |     |     |     |     |                                |   |
| 30           | 2    | 119125-11650 | ARM, ROCKER          | 6   |     |     |     |     |     |                                |   |
| 31           | 3    | 105010-11230 | SCREW, VALVE ADJUST  | 6   |     |     |     |     |     |                                |   |
| 33           | 3    | 26856-060002 | NUT, M6              | 6   |     |     |     |     |     |                                |   |
| 34           | 2    | 22242-000100 | RING, 10             | 2   |     |     |     |     |     |                                |   |
| 35           | 1    | 26106-080452 | BOLT, M8X 45 PLATED  | 3   |     |     |     |     |     |                                |   |
| 36           | 1    | 106760-01770 | CAP                  | 1   |     |     |     |     |     |                                |   |
| 37           | 1    | 119125-11380 | BONNET ASSY, HEAD    | 1   |     |     |     |     |     |                                |   |
| 38           | 2    | 119717-03031 | PLATE                | 1   |     |     |     |     |     |                                |   |
| 39           | 3    | 119717-03070 | BAFFLE, BREATHER     | 1   |     |     |     |     |     |                                |   |
| 40           | 2    | 119717-03070 | BAFFLE, BREATHER     | 2   |     |     |     |     |     |                                |   |
| 41           | 2    | 119802-03100 | DIAPHRAGM ASSY       | 1   |     |     |     |     |     |                                |   |
| 42           | 3    | 119802-03110 | PLATE                | 1   |     |     |     |     |     |                                |   |
| 43           | 3    | 119802-03121 | COVER, DIAPHRAGM     | 1   |     |     |     |     |     |                                |   |
| 44           | 3    | 119802-03131 | DIAPHRAGM            | 1   |     |     |     |     |     |                                |   |
| 45           | 3    | 119802-03141 | SPRING, DIAPHRAGM    | 1   |     |     |     |     |     |                                |   |
| 47           | 2    | 119125-11320 | COVER, BONNET        | 1   |     |     |     |     |     |                                |   |
| 48           | 2    | 119125-11330 | GASKET               | 1   |     |     |     |     |     |                                |   |
| 49           | 2    | 119125-11370 | GASKET, BONNET       | 1   |     |     |     |     |     |                                |   |
| 50           | 2    | 22857-500100 | SCREW, 5X10          | 4   |     |     |     |     |     |                                |   |
| 51           | 2    | 22857-500100 | SCREW, 5X10          | 4   |     |     |     |     |     |                                |   |
| 52           | 2    | 26476-060202 | SCREW, TAPPING M6X20 | 2   |     |     |     |     |     |                                |   |
| 53           | 1    | 24311-000180 | O-RING, 1AP18.0      | 1   |     |     |     |     |     |                                |   |
| 54           | 1    | 26106-060202 | BOLT, M6X 20 PLATED  | 3   |     |     |     |     |     |                                |   |
| 55           | 1    | 26106-060802 | BOLT, M6X 80 PLATED  | 6   |     |     |     |     |     |                                |   |
| 56           | 1    | 119125-77800 | PLUG, GLOW           | 3   |     |     |     |     |     |                                |   |
| 57           | 1    | 119125-77820 | CONNECTOR, GLOW PLUG | 1   |     |     |     |     |     |                                |   |

Fig.5. EXHAUST MANIFOLD

[illegible]

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

Fig.6. CAMSHAFT & DRIVING GEAR



(1) REPAIR PART.

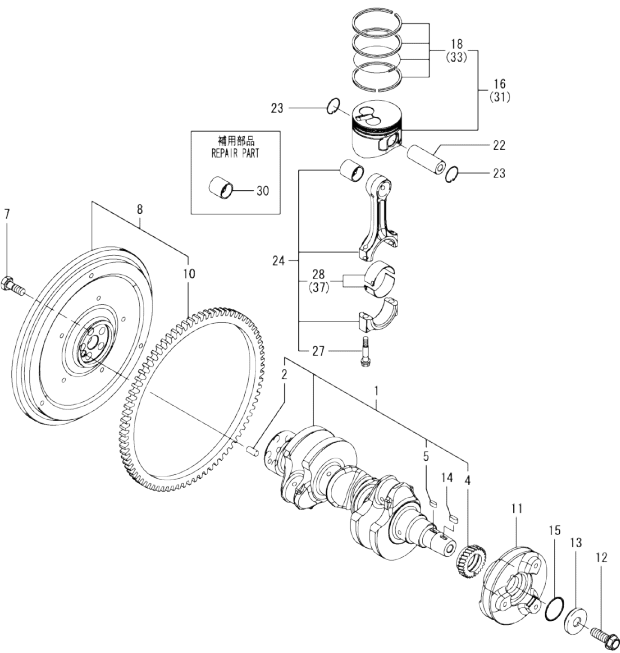
(D)=  
(E)=  
(F)=

(A)=3TNM68-AMW  
(B)=  
(C)=

| No. | Lev. | Parts No.    | Description         | (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|-----|------|--------------|---------------------|-----|-----|-----|-----|-----|-----|---|---|
| 1   | 1    | 119260-14200 | TAPPET              | 6   |     |     |     |     |     |   |   |
| 2   | 1    | 119260-14400 | ROD, PUSH           | 6   |     |     |     |     |     |   |   |
| 3   | 1    | 119125-14580 | CAMSHAFT ASSY       | 1   |     |     |     |     |     |   |   |
| 8   | 1    | 26106-060122 | BOLT, M6X 12 PLATED | 2   |     |     |     |     |     |   |   |
| 9   | 1    | 119125-25100 | GEAR ASSY, IDLE     | 1   |     |     |     |     |     |   |   |
| 12  | 1    | 119125-25910 | BUSH, IDLE GEAR     | 1   |     |     |     |     |     |   | 1 |
| 13  | 1    | 129150-25301 | BOLT                | 4   |     |     |     |     |     |   |   |
| 14  | 1    | 119125-25930 | GEAR, PUMP          | 1   |     |     |     |     |     |   |   |
| 15  | 1    | 119171-51150 | FLANGE              | 1   |     |     |     |     |     |   |   |
| 16  | 1    | 22217-120000 | WASHER, SPRING 12   | 1   |     |     |     |     |     |   |   |
| 17  | 1    | 26716-120002 | NUT, M12            | 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

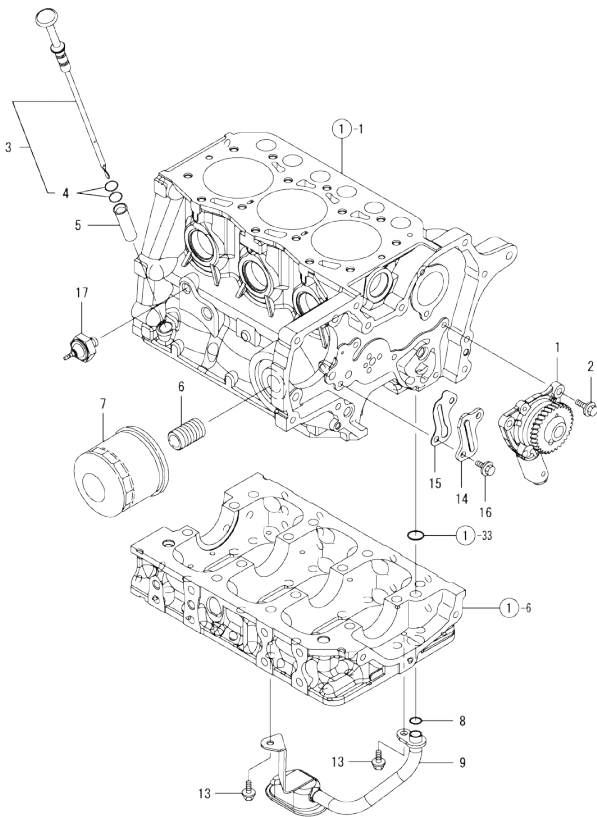
Fig.7. CRANKSHAFT & PISTON



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

| No. | Lev. | Parts No.      | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|----------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |                |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 119125-21700   | 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    | 119621-21680   | BOLT, FLANGE 12X1.25 | 1    |     |     |     |     |     |   |   |
| 13  | 1    | 119717-21940   | WASHER, 12           | 1    |     |     |     |     |     |   |   |
| 14  | 1    | 22512-050120   | KEY, 5X 12           | 1    |     |     |     |     |     |   |   |
| 15  | 1    | 24341-000340-W | PACKING, S 34.0      | 1    |     |     |     |     |     |   |   |
| 16  | 1    | 119125-22080   | PISTON ASSY          | 3    |     |     |     |     |     |   |   |
| 18  | 2    | 119125-22500   | RING SET, PISTON     | 3    |     |     |     |     |     |   |   |
| 22  | 1    | 119125-22300   | PIN, PISTON          | 3    |     |     |     |     |     |   |   |
| 23  | 1    | 22252-000200   | RING, 20             | 6    |     |     |     |     |     |   |   |
| 24  | 1    | 119125-23000   | ROD ASSY, CONNECTING | 3    |     |     |     |     |     |   |   |
| 27  | 2    | 119717-23200   | BOLT, CONNECTING ROD | 6    |     |     |     |     |     |   |   |
| 28  | 2    | 119515-23601   | BEARING, CRANK PIN   | 3    |     |     |     |     |     |   | 1 |
| 30  | 1    | 119260-23910   | BEARING, PISTON PIN  | 3    |     |     |     |     |     |   | 2 |
| 31  | 1    | 119125-22900   | PISTON ASSY, 0.25 OS | 3    |     |     |     |     |     |   |   |
| 33  | 2    | 119125-22550   | RING SET, 0.25 OS    | 3    |     |     |     |     |     |   | 2 |
| 37  | 1    | 119515-23611   | METAL ASSY, 0.25     | 3    |     |     |     |     |     |   | 3 |

Fig.8. LUB. OIL SYSTEM



Remarks  
(1) REPAIR PART.

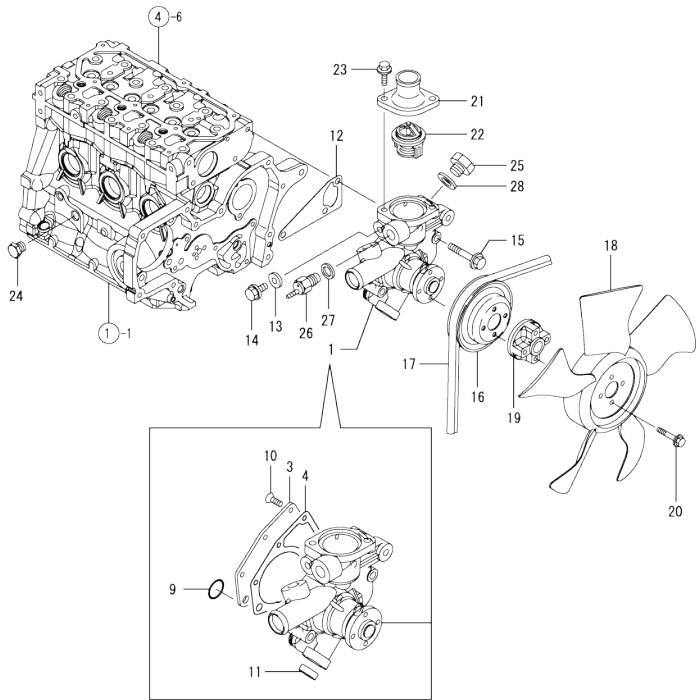
(A)=3TNM68-AMW  
(B)=  
(C)=

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

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 119125-32000 | PUMP ASSY, OIL       | 1    |     |     |     |     |     |   |   |
| 2   | 1    | 26106-060142 | BOLT, M6X 14 PLATED  | 3    |     |     |     |     |     |   |   |
| 3   | 1    | 119125-34800 | DIPSTICK, OIL        | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 119125-34900 | O-RING               | 2    |     |     |     |     |     |   |   |
| 5   | 1    | 119125-34810 | GUIDE, DIPSTICK      | 1    |     |     |     |     |     |   |   |
| 6   | 1    | 129100-35140 | STUD                 | 1    |     |     |     |     |     |   |   |
| 7   | 1    | 119305-35170 | FILTER ASSY, D68XL65 | 1    |     |     |     |     |     |   | 1 |
| 8   | 1    | 119209-35030 | O-RING, P11          | 1    |     |     |     |     |     |   |   |
| 9   | 1    | 119125-35080 | PIPE ASSY, OIL INLET | 1    |     |     |     |     |     |   |   |
| 13  | 1    | 26106-060102 | BOLT, M6X 10 PLATED  | 2    |     |     |     |     |     |   |   |
| 14  | 1    | 119125-39200 | COVER                | 1    |     |     |     |     |     |   |   |
| 15  | 1    | 119125-39220 | GASKET               | 1    |     |     |     |     |     |   |   |
| 16  | 1    | 26106-060102 | BOLT, M6X 10 PLATED  | 2    |     |     |     |     |     |   |   |
| 17  | 1    | 114250-39450 | SWITCH, 0.5KG        | 1    |     |     |     |     |     |   |   |

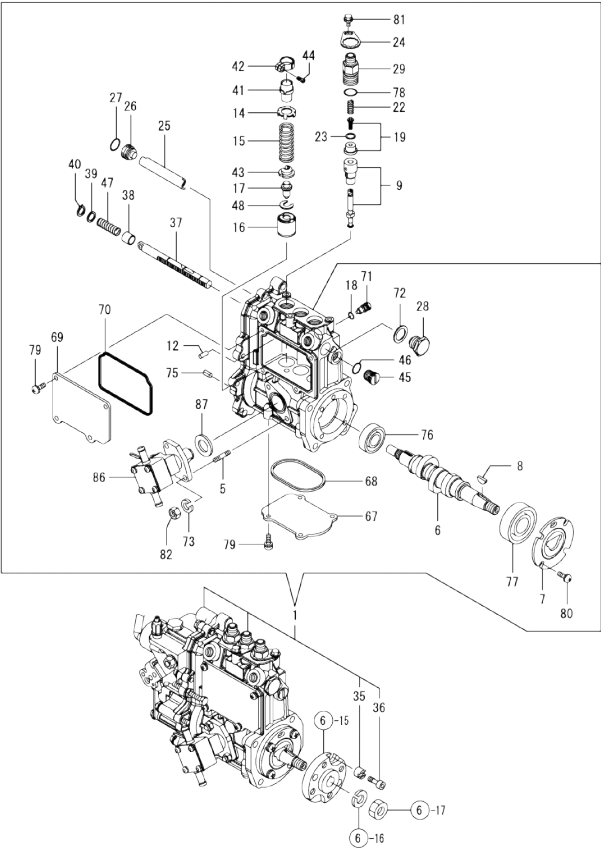
0CW10-M33700 3TNM68-AMW

Fig.9. COOLING WATER SYSTEM



|     |      |              |                     | 0CW10-M33700   |  | Fig.9 |  |
|-----|------|--------------|---------------------|----------------|--|-------|--|
|     |      |              |                     | (A)=3TNM68-AMW |  | (D)=  |  |
|     |      |              |                     | (B)=           |  | (E)=  |  |
|     |      |              |                     | (C)=           |  | (F)=  |  |
|     |      |              |                     | Q'ty           |  | I     |  |
|     |      |              |                     | (A)            |  | (B)   |  |
|     |      |              |                     | (C)            |  | (D)   |  |
|     |      |              |                     | (E)            |  | (F)   |  |
| No. | Lev. | Parts No.    | Description         |                |  |       |  |
| 1   | 1    | 119125-42000 | PUMP ASSY, WATER    | 1              |  |       |  |
| 3   | 2    | 119125-42020 | COVER               | 1              |  |       |  |
| 4   | 2    | 119125-42030 | GASKET, WATER PUMP  | 1              |  |       |  |
| 9   | 2    | 119209-42320 | O-RING, P21 EPDM    | 1              |  |       |  |
| 10  | 2    | 26577-060122 | SCREW, M6X12        | 4              |  |       |  |
| 11  | 2    | 27241-220000 | PLUG, 22            | 1              |  |       |  |
| 12  | 1    | 119260-42021 | 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    | 25132-003450 | V-BELT, A34.5       | 1              |  |       |  |
| 18  | 1    | 119258-44740 | FAN, COOLING D300   | 1              |  |       |  |
| 19  | 1    | 171353-44760 | SPACER, FAN         | 1              |  |       |  |
| 20  | 1    | 26106-060352 | BOLT, M6X 35 PLATED | 4              |  |       |  |
| 21  | 1    | 129350-49530 | COVER, THERMOSTAT   | 1              |  |       |  |
| 22  | 1    | 119717-49800 | THERMOSTAT, 71      | 1              |  |       |  |
| 23  | 1    | 26106-080202 | BOLT, M8X 20 PLATED | 2              |  |       |  |
| 24  | 1    | 171056-49120 | PLUG, DRAIN         | 1              |  |       |  |
| 25  | 1    | 121450-42450 | PLUG, M16           | 1              |  |       |  |
| 26  | 1    | 121250-44901 | SWITCH, 110         | 1              |  |       |  |
| 27  | 1    | 124465-44950 | GASKET, 16          | 1              |  |       |  |
| 28  | 1    | 124465-44950 | GASKET, 16          | 1              |  |       |  |
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Fig.10. FUEL INJECTION PUMP



Remarks  
(1) GOVERNOR ASSY(FIG.11) IS  
INCORPORATED IN THIS FOP.CMP  
(REF.NO.1).

|     |      |              |                      |     |     |     |     |     |     | 0CW10-M33700 Fig.10 |  |
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| No. | Lev. | Parts No.    | Description          | (A) | (B) | (C) | (D) | (E) | (F) |                     |  |
| 1   | 1    | 719125-51300 | 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   |     |     |     |     |     |                     |  |
| 14  | 2    | 158600-51170 | RETAINER, SPRING     | 3   |     |     |     |     |     |                     |  |
| 15  | 2    | 119717-51190 | SPRING, PLUNGER      | 3   |     |     |     |     |     |                     |  |
| 16  | 2    | 119125-51240 | 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    | 118400-51370 | LOCKING              | 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    | 119125-51480 | COLLAR               | 1   |     |     |     |     |     |                     |  |
| 36  | 2    | 119125-51490 | BOLT                 | 1   |     |     |     |     |     |                     |  |
| 37  | 2    | 119717-51500 | RACK, CONTROL        | 1   |     |     |     |     |     |                     |  |
| 38  | 2    | 129155-51521 | 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   |     |     |     |     |     |                     |  |
| 67  | 2    | 119125-51700 | COVER                | 1   |     |     |     |     |     |                     |  |
| 68  | 2    | 119717-51711 | GASKET               | 1   |     |     |     |     |     |                     |  |
| 69  | 2    | 119717-51750 | COVER                | 1   |     |     |     |     |     |                     |  |
| 70  | 2    | 119717-51761 | GASKET               | 1   |     |     |     |     |     |                     |  |
| 71  | 2    | 158600-51790 | STOOPER, RACK        | 1   |     |     |     |     |     |                     |  |
| 72  | 2    | 22190-160002 | WASHER, SEAL 16      | 1   |     |     |     |     |     |                     |  |
| 73  | 2    | 22217-060000 | WASHER, SPRING 6     | 2   |     |     |     |     |     |                     |  |
| 75  | 2    | 22351-050010 | PIN, SPRING 5.0X10   | 2   |     |     |     |     |     |                     |  |
| 76  | 2    | 24101-060034 | BEARING, BALL 6003   | 1   |     |     |     |     |     |                     |  |
| 77  | 2    | 24101-063034 | BEARING, BALL 6303   | 1   |     |     |     |     |     |                     |  |
| 78  | 2    | 24316-000150 | O-RING, 4DP15.0      | 3   |     |     |     |     |     |                     |  |
| 79  | 2    | 26022-050122 | SCREW, M5X12         | 8   |     |     |     |     |     |                     |  |
| 80  | 2    | 26022-060162 | SCREW, M6X16         | 4   |     |     |     |     |     |                     |  |
| 81  | 2    | 26106-050102 | BOLT, M5X 10 PLATED  | 3   |     |     |     |     |     |                     |  |
| 82  | 2    | 26716-060002 | NUT, M6              | 2   |     |     |     |     |     |                     |  |
| 86  | 2    | 119125-52000 | PUMP ASSY, FUEL FEED | 1   |     |     |     |     |     |                     |  |

N:Old

Q:Old

W:Old

Z:Discontinued

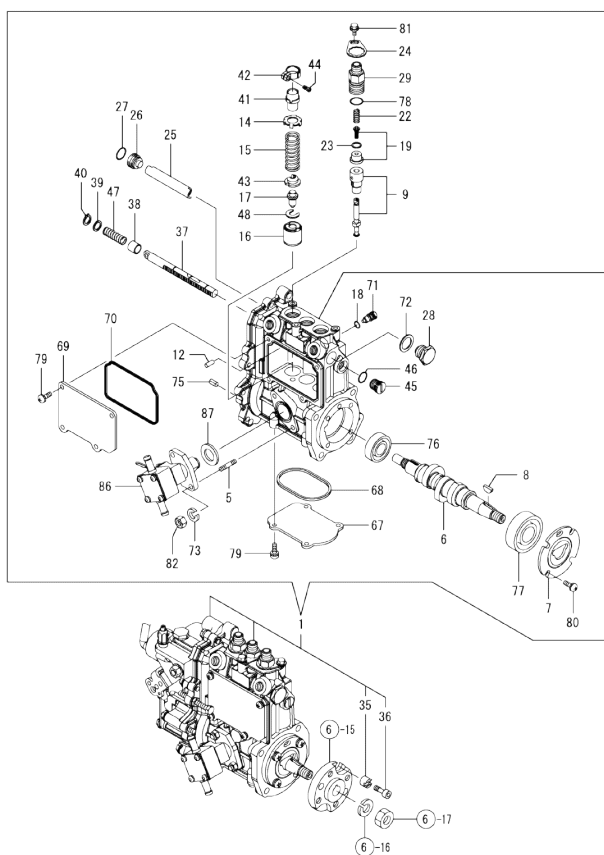
F:Interchangeable by set

K:Q'ty Change

++ CONTINUE ++

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Fig.10. FUEL INJECTION PUMP



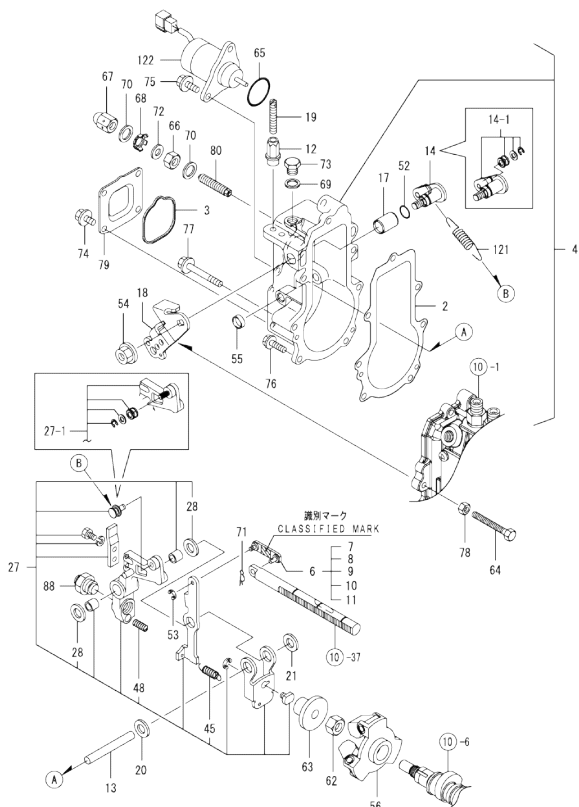
Remarks  
(1) GOVERNOR ASSY(FIG.11) IS  
INCORPORATED IN THIS FOP.CMP  
(REF.NO.1).

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

| No. | Lev. | Parts No.    | Description | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|-------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |             | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 87  | 2    | 129155-52051 | GASKET      | 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

Fig.11. GOVERNOR



Remarks  
(1) SELECTIVE PARTS:CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER.(REF TO ILLUSTRATION).  
\* THIS FIGURE(GOVERNOR ASSY)IS INCORPORATED IN THE FUEL INJECTION PUMP ASSY(FIG.10).

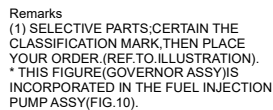
(A)=3TNM68-AMW  
(B)=  
(C)=

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

| No.          | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|--------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|              |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 2            | 2    | 119717-61050 | GASKET               | 1    |     |     |     |     |     |   |   |
| 3            | 2    | 119717-61070 | GASKET               | 1    |     |     |     |     |     |   |   |
| 4            | 2    | 119125-61100 | CASE ASSY, GOVERNOR  | 1    |     |     |     |     |     |   |   |
| 6            | 3    | 119125-61110 | LINK ASSY            | 1    |     |     |     |     |     |   |   |
| 7            | 4    | 119125-61120 | LINK, MARK 93        | 1    |     |     |     |     |     |   | 1 |
| 8            | 4    | 119125-61130 | LINK, MARK 98        | 1    |     |     |     |     |     |   | 1 |
| 9            | 4    | 119125-61140 | LINK, MARK 88        | 1    |     |     |     |     |     |   | 1 |
| 10           | 4    | 119125-61150 | LINK, MARK 00        | 1    |     |     |     |     |     |   | 1 |
| 11           | 4    | 119125-61160 | LINK, MARK 03        | 1    |     |     |     |     |     |   | 1 |
| 12           | 3    | 129209-61370 | NUT, M6              | 1    |     |     |     |     |     |   |   |
| 13           | 3    | 119125-61390 | SHAFT                | 1    |     |     |     |     |     |   |   |
| 14           | 3    | 119125-61400 | SHAFT ASSY           | 1    |     |     |     |     |     |   |   |
| 14-1         | 3    | 119125-61401 | SHAFT ASSY           | 1    |     |     |     |     |     |   | N |
| (A=2009.05.) |      |              |                      |      |     |     |     |     |     |   |   |
| 17           | 3    | 119125-61430 | BUSH                 | 1    |     |     |     |     |     |   |   |
| 18           | 3    | 119151-61440 | LEVER, CONTROL       | 1    |     |     |     |     |     |   |   |
| 19           | 3    | 129155-61450 | BOLT, LIMITER        | 1    |     |     |     |     |     |   |   |
| 20           | 3    | 129156-61460 | SHIM, T=0.6          | 1    |     |     |     |     |     |   |   |
| 21           | 3    | 129155-61480 | SPACER ASSY          | 1    |     |     |     |     |     |   |   |
| 27           | 3    | 119125-61500 | LEVER ASSY, GOVERNOR | 1    |     |     |     |     |     |   |   |
| 27-1         | 3    | 119125-61501 | LEVER ASSY, GOVERNOR | 1    |     |     |     |     |     |   | N |
| (A=2009.05.) |      |              |                      |      |     |     |     |     |     |   |   |
| 28           | 4    | 174307-51700 | SHIM SET             | 2    |     |     |     |     |     |   |   |
| 45           | 4    | 129486-61540 | SPRING, SET          | 1    |     |     |     |     |     |   |   |
| 48           | 4    | 129100-61650 | SPRING, CONTROLLER   | 1    |     |     |     |     |     |   |   |
| 52           | 3    | 129155-61830 | O-RING, S10          | 1    |     |     |     |     |     |   |   |
| 53           | 3    | 22272-000030 | RING, E- 3           | 1    |     |     |     |     |     |   |   |
| 54           | 3    | 26366-080002 | NUT, M8              | 1    |     |     |     |     |     |   |   |
| 55           | 3    | 27260-120000 | PLUG, 12             | 1    |     |     |     |     |     |   |   |
| 56           | 2    | 119125-61200 | WEIGHT ASSY,GOVERNOR | 1    |     |     |     |     |     |   |   |
| 62           | 2    | 129008-61301 | NUT                  | 1    |     |     |     |     |     |   |   |
| 63           | 2    | 129155-61341 | SLEEVE               | 1    |     |     |     |     |     |   |   |
| 64           | 2    | 129155-61460 | BOLT, IDLE           | 1    |     |     |     |     |     |   |   |
| 65           | 2    | 158552-61900 | O-RING               | 1    |     |     |     |     |     |   |   |
| 66           | 2    | 129209-61920 | NUT, ARB             | 1    |     |     |     |     |     |   |   |
| 67           | 2    | 129209-61930 | NUT, CAP             | 1    |     |     |     |     |     |   |   |
| 68           | 2    | 129209-61970 | PLATE                | 1    |     |     |     |     |     |   |   |
| 69           | 2    | 22190-100002 | WASHER, SEAL 10      | 1    |     |     |     |     |     |   |   |
| 70           | 2    | 22190-120002 | WASHER, SEAL 12      | 2    |     |     |     |     |     |   |   |
| 71           | 2    | 22372-040000 | PIN, SNAP 4          | 1    |     |     |     |     |     |   |   |
| 72           | 2    | 23414-120016 | GASKET, 12X1.0       | 1    |     |     |     |     |     |   |   |
| 73           | 2    | 23887-100002 | PLUG, 10             | 1    |     |     |     |     |     |   |   |
| 74           | 2    | 26106-060102 | BOLT, M6X 10 PLATED  | 4    |     |     |     |     |     |   |   |
| 75           | 2    | 26106-060142 | BOLT, M6X 14 PLATED  | 2    |     |     |     |     |     |   |   |
| 76           | 2    | 26106-060202 | BOLT, M6X 20 PLATED  | 4    |     |     |     |     |     |   |   |
| 77           | 2    | 26106-060452 | BOLT, M6X 45 PLATED  | 3    |     |     |     |     |     |   |   |
| 78           | 2    | 26756-060002 | NUT, LOCK M6         | 1    |     |     |     |     |     |   |   |
| 79           | 2    | 119717-61060 | COVER, GOVERNOR CASE | 1    |     |     |     |     |     |   |   |
| 80           | 2    | 119125-61450 | LIMITER ASSY, FUEL   | 1    |     |     |     |     |     |   |   |
| 88           | 2    | 119515-61550 | ANGLE ASSY           | 1    |     |     |     |     |     |   |   |
| 121          | 2    | 119527-61700 | SPRING, GOVERNOR     | 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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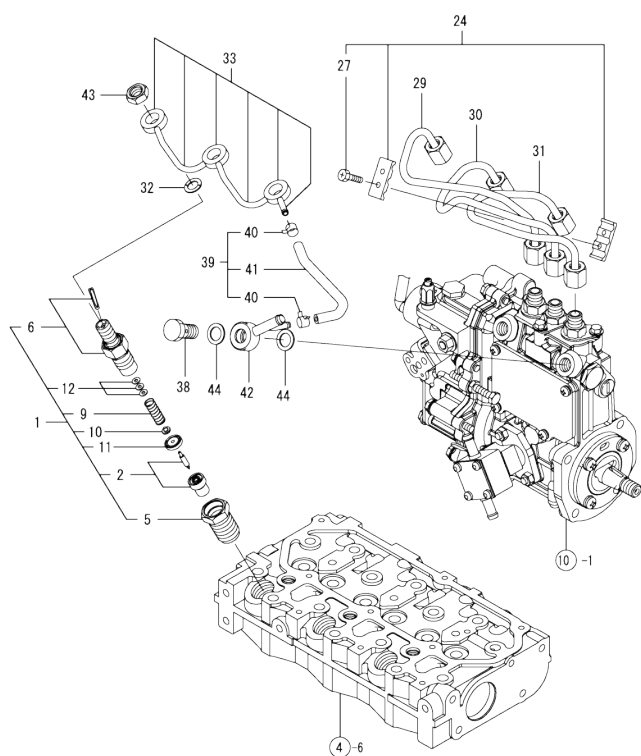
Fig.11. GOVERNOR



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

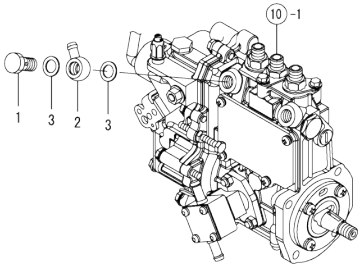
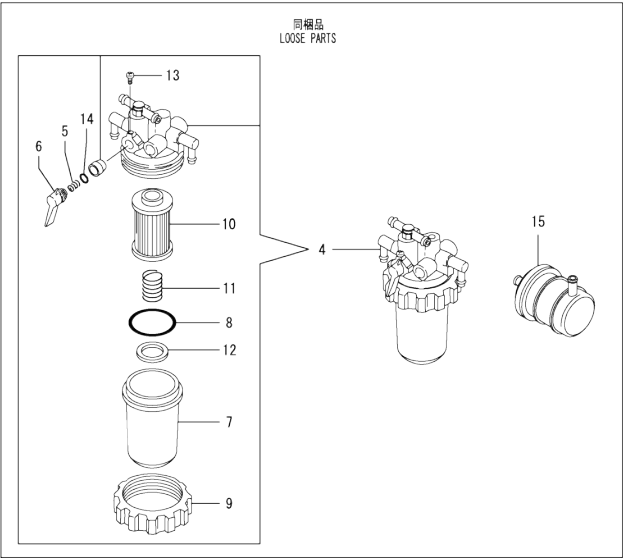
[illegible]

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

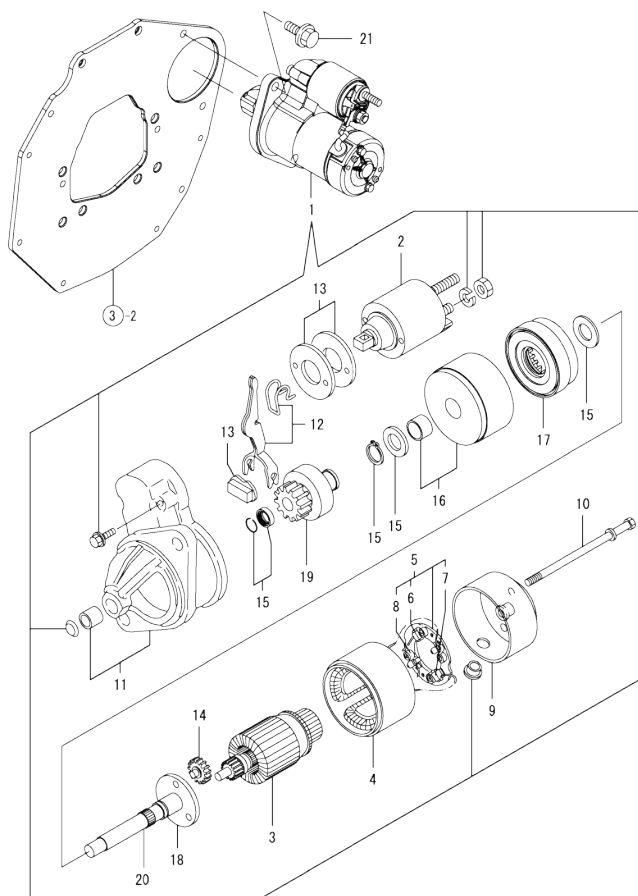


| No.          | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|--------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|              |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1            | 1    | 719125-53100 | VALVE ASSY,INJECTION | 3    |     |     |     |     |     |   |   |
| 2            | 2    | 119125-53001 | VALVE ASSY,INJECTION | 3    |     |     |     |     |     |   |   |
| 5            | 2    | 119125-53080 | NUT, NOZZLE          | 3    |     |     |     |     |     |   |   |
| 6            | 2    | 119125-53100 | HOLDER ASSY, NOZZLE  | 3    |     |     |     |     |     |   |   |
| 9            | 2    | 119125-53120 | SPRING, NOZZLE       | 3    |     |     |     |     |     |   |   |
| 10           | 2    | 119125-53130 | SEAT, SPRING         | 3    |     |     |     |     |     |   |   |
| 11           | 2    | 119125-53140 | SPACER, VALVE STOP   | 3    |     |     |     |     |     |   |   |
| 12           | 2    | 114250-53400 | SHIM SET             | 3    |     |     |     |     |     |   |   |
| 24           | 1    | 129150-59120 | RETAINER, PIPE       | 1    |     |     |     |     |     |   |   |
| 27           | 2    | 129150-59131 | BOLT, M4X14          | 2    |     |     |     |     |     |   |   |
| 29           | 1    | 119125-59810 | PIPE, FUEL INJECTION | 1    |     |     |     |     |     |   |   |
| 30           | 1    | 119125-59820 | PIPE, FUEL INJECTION | 1    |     |     |     |     |     |   |   |
| 31           | 1    | 119125-59830 | PIPE, FUEL INJECTION | 1    |     |     |     |     |     |   |   |
| 32           | 1    | 129901-59560 | GASKET               | 3    |     |     |     |     |     |   |   |
| 33           | 1    | 119125-59540 | PIPE ASSY, RETURN    | 1    |     |     |     |     |     |   |   |
| 38           | 1    | 119125-59560 | BOLT, PIPE JOINT     | 1    |     |     |     |     |     |   |   |
| 39           | 1    | 119515-59570 | PIPE ASSY, RETURN    | 1    |     |     |     |     |     |   |   |
| 39-1         | 1    | 119125-59570 | PIPE ASSY, RETURN    | 1    |     |     |     |     |     |   | N |
| (A=2008.12.) |      |              |                      |      |     |     |     |     |     |   |   |
| 40           | 2    | 124066-59100 | CLIP, HOSE 8         | 2    |     |     |     |     |     |   |   |
| 41           | 2    | 105225-59240 | PIPE, FUEL           | 1    |     |     |     |     |     |   |   |
| 41-1         | 2    | 119000-59550 | PIPE, FUEL RETURN    | 1    |     |     |     |     |     |   | N |
| (A=2008.12.) |      |              |                      |      |     |     |     |     |     |   |   |
| 42           | 1    | 119840-59570 | JOINT                | 1    |     |     |     |     |     |   |   |
| 43           | 1    | 119620-59700 | NUT, NOZZLE          | 3    |     |     |     |     |     |   |   |
| 44           | 1    | 22190-120002 | WASHER, SEAL 12      | 2    |     |     |     |     |     |   |   |

Fig.13. FUEL LINE

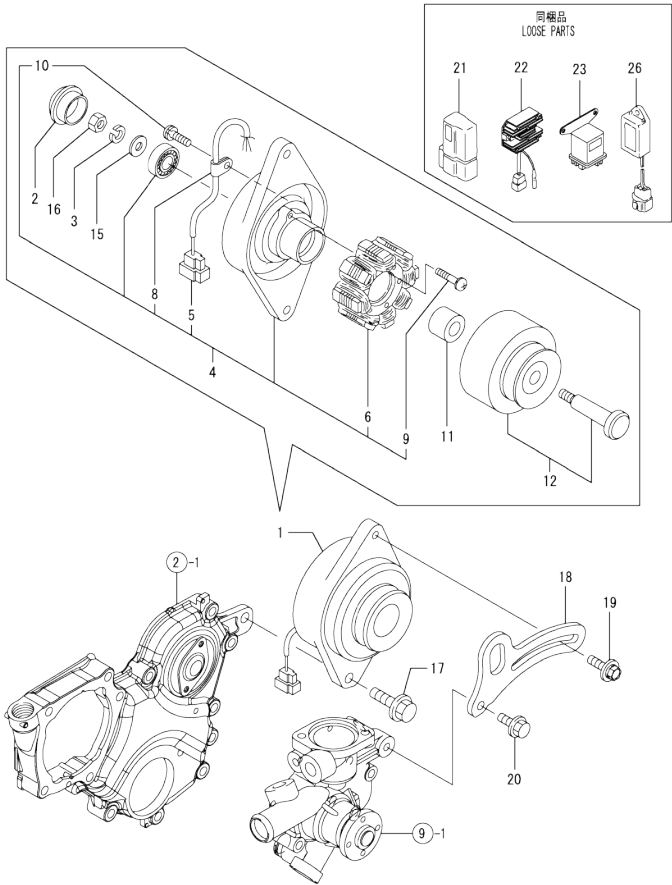


| 0CW10-M33700 Fig.13 |      |              |                   |                |      |     |     |     |     |   |   |
|---------------------|------|--------------|-------------------|----------------|------|-----|-----|-----|-----|---|---|
|                     |      |              |                   | (A)=3TNM68-AMW | (D)= |     |     |     |     |   |   |
|                     |      |              |                   | (B)=           | (E)= |     |     |     |     |   |   |
|                     |      |              |                   | (C)=           | (F)= |     |     |     |     |   |   |
| No.                 | Lev. | Parts No.    | Description       | Q'ty           |      |     |     |     |     | I | R |
|                     |      |              |                   | (A)            | (B)  | (C) | (D) | (E) | (F) |   |   |
| 1                   | 1    | 103854-39140 | BOLT, PIPE JOINT  | 1              |      |     |     |     |     |   |   |
| 2                   | 1    | 101304-59020 | JOINT, PIPE 12    | 1              |      |     |     |     |     |   |   |
| 3                   | 1    | 22190-120002 | WASHER, SEAL 12   | 2              |      |     |     |     |     |   |   |
| 4                   | 1    | 129053-55620 | FILTER ASSY, FUEL | 1              |      |     |     |     |     |   |   |
| 5                   | 2    | 104200-55330 | SPRING, VALVE     | 1              |      |     |     |     |     |   |   |
| 6                   | 2    | 119810-55340 | LEVER             | 1              |      |     |     |     |     |   |   |
| 7                   | 2    | 129107-55510 | CUP, STRAINER     | 1              |      |     |     |     |     |   |   |
| 8                   | 2    | 102103-55520 | O-RING            | 1              |      |     |     |     |     |   |   |
| 9                   | 2    | 110250-55610 | RING, RETAINING   | 1              |      |     |     |     |     |   |   |
| 10                  | 2    | 119810-55650 | ELEMENT           | 1              |      |     |     |     |     |   |   |
| 11                  | 2    | 121257-55720 | SPRING            | 1              |      |     |     |     |     |   |   |
| 12                  | 2    | 121257-55731 | FLOAT             | 1              |      |     |     |     |     |   |   |
| 13                  | 2    | 104200-55750 | SCREW, M4         | 1              |      |     |     |     |     |   |   |
| 14                  | 2    | 24311-240100 | O-RING, 1AP10A    | 1              |      |     |     |     |     |   |   |
| 15                  | 1    | 129052-55630 | FILTER, FUEL      | 1              |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
|                     |      |              |                   |                |      |     |     |     |     |   |   |
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|     |      |              |                      |  | 0CW10-M33700 Fig.14 |      |     |     |     |     |     |
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|     |      |              |                      |  | (A)=3TNM68-AMW      | (D)= |     |     |     |     |     |
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| No. | Lev. | Parts No.    | Description          |  | (A)                 | (B)  | (C) | (D) | (E) | (F) | I R |
| 1   | 1    | 119125-77010 | STARTER ASSY, 1.2KW  |  | 1                   |      |     |     |     |     |     |
| 2   | 2    | 119125-77760 | SWITCH ASSY          |  | 1                   |      |     |     |     |     |     |
| 3   | 2    | 119125-77710 | ARMATURE ASSY        |  | 1                   |      |     |     |     |     |     |
| 4   | 2    | 129698-77110 | COIL ASSY, FIELD     |  | 1                   |      |     |     |     |     |     |
| 5   | 2    | 129698-77120 | HOLDER ASSY, BRUSH   |  | 1                   |      |     |     |     |     |     |
| 6   | 3    | 129698-77140 | BRUSH(+) SET         |  | 1                   |      |     |     |     |     |     |
| 7   | 3    | 129698-77130 | BRUSH (-)            |  | 2                   |      |     |     |     |     |     |
| 8   | 3    | 129698-77150 | SPRING, BRUSH        |  | 4                   |      |     |     |     |     |     |
| 9   | 2    | 129698-77161 | COVER ASSY           |  | 1                   |      |     |     |     |     |     |
| 10  | 2    | 124195-77770 | THROUGH BOLT         |  | 2                   |      |     |     |     |     |     |
| 11  | 2    | 119125-77520 | CASE ASSY, GEAR      |  | 1                   |      |     |     |     |     |     |
| 12  | 2    | 119125-77270 | LEVER SET, SHIFT     |  | 1                   |      |     |     |     |     |     |
| 13  | 2    | 119125-77280 | COVER ASSY           |  | 1                   |      |     |     |     |     |     |
| 14  | 2    | 119125-77170 | GEAR                 |  | 3                   |      |     |     |     |     |     |
| 15  | 2    | 129698-77250 | WASHER SET           |  | 1                   |      |     |     |     |     |     |
| 16  | 2    | 129698-77180 | BRACKET              |  | 1                   |      |     |     |     |     |     |
| 17  | 2    | 119125-77200 | GEAR, INTERNAL       |  | 1                   |      |     |     |     |     |     |
| 18  | 2    | X211424103   | BRACKET              |  | 1                   |      |     |     |     |     |     |
| 19  | 2    | 119125-77660 | PINION ASSY          |  | 1                   |      |     |     |     |     |     |
| 20  | 2    | 119125-77230 | SHAFT, PINION        |  | 1                   |      |     |     |     |     |     |
| 21  | 1    | 26106-100252 | BOLT, M10x 25 PLATED |  | 2                   |      |     |     |     |     |     |

Fig.15. GENERATOR

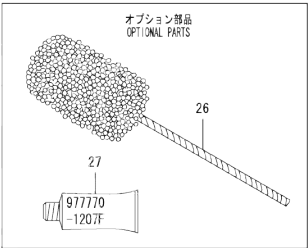
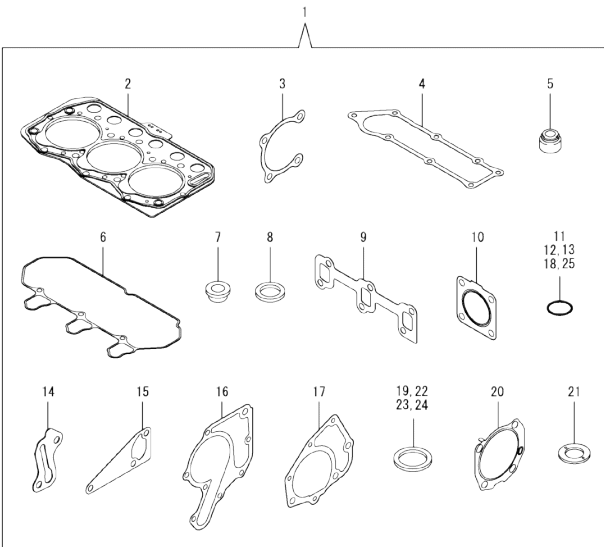


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|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 119626-77200 | DYNAMO ASSY          | 1    |     |     |     |     |     |   |   |
| 2   | 2    | XM771870000  | CAP                  | 1    |     |     |     |     |     |   |   |
| 3   | 2    | 129188-77200 | WASHER, SPRING       | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 129118-77210 | PLATE ASSY           | 1    |     |     |     |     |     |   |   |
| 5   | 3    | XM771860000  | COUPLER              | 1    |     |     |     |     |     |   |   |
| 6   | 3    | X3A02982KA0  | STATOR ASSY          | 1    |     |     |     |     |     |   |   |
| 8   | 3    | 129118-77220 | CLAMP                | 1    |     |     |     |     |     |   |   |
| 9   | 3    | 119259-77250 | SCREW                | 2    |     |     |     |     |     |   |   |
| 10  | 3    | 129118-77260 | SCREW                | 1    |     |     |     |     |     |   |   |
| 11  | 2    | 129118-77230 | COLLAR               | 1    |     |     |     |     |     |   |   |
| 12  | 2    | 129150-77230 | FLYWHEEL ASSY        | 1    |     |     |     |     |     |   |   |
| 15  | 2    | 129118-77240 | WASHER, 10           | 1    |     |     |     |     |     |   |   |
| 16  | 2    | 129118-77250 | NUT                  | 1    |     |     |     |     |     |   |   |
| 17  | 1    | 26106-100352 | BOLT, M10X 35 PLATED | 1    |     |     |     |     |     |   |   |
| 18  | 1    | 119125-77330 | ADJUSTER             | 1    |     |     |     |     |     |   |   |
| 19  | 1    | 119810-77340 | BOLT, ADJUSTER       | 1    |     |     |     |     |     |   |   |
| 20  | 1    | 26106-080202 | BOLT, M8X 20 PLATED  | 1    |     |     |     |     |     |   |   |
| 21  | 1    | 119643-66900 | DIODE                | 1    |     |     |     |     |     |   |   |
| 22  | 1    | 119225-77720 | LIMITER, CURRENT 20A | 1    |     |     |     |     |     |   |   |
| 23  | 1    | 119650-77910 | RELAY ASSY, GLOW     | 1    |     |     |     |     |     |   |   |
| 26  | 1    | 129211-77920 | TIMER                | 1    |     |     |     |     |     |   |   |

Fig.16. GASKET SET



Remarks  
(1) OPTIONAL PART.

(A)=3TNM68-AMW  
(B)=  
(C)=

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

| No. | Lev. | Parts No.    | Description        | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|--------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                    | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 119125-92600 | GASKET SET         | 1    |     |     |     |     |     |   | 1 |
| 2   | 2    | 119125-01330 | GASKET, HEAD       | 1    |     |     |     |     |     |   |   |
| 3   | 2    | 119125-01790 | GASKET             | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 119125-11330 | GASKET             | 1    |     |     |     |     |     |   |   |
| 5   | 2    | 119125-11340 | SEAL, VALVE STEM   | 6    |     |     |     |     |     |   |   |
| 6   | 2    | 119125-11370 | GASKET, BONNET     | 1    |     |     |     |     |     |   |   |
| 7   | 2    | 129901-11450 | PROTECTOR, NOZZLE  | 3    |     |     |     |     |     |   |   |
| 8   | 2    | 119600-11460 | GASKET, NOZZLE     | 6    |     |     |     |     |     |   |   |
| 9   | 2    | 119125-13110 | GASKET             | 1    |     |     |     |     |     |   |   |
| 10  | 2    | 119515-13200 | GASKET, SILENCER   | 1    |     |     |     |     |     |   |   |
| 11  | 2    | 129900-32040 | O-RING, P14        | 1    |     |     |     |     |     |   |   |
| 12  | 2    | 119125-34900 | O-RING             | 1    |     |     |     |     |     |   |   |
| 13  | 2    | 119209-35030 | O-RING, P11        | 1    |     |     |     |     |     |   |   |
| 14  | 2    | 119125-39220 | GASKET             | 1    |     |     |     |     |     |   |   |
| 15  | 2    | 119260-42021 | GASKET, WATER PUMP | 1    |     |     |     |     |     |   |   |
| 16  | 2    | 119275-42020 | GASKET, WATER PUMP | 1    |     |     |     |     |     |   |   |
| 17  | 2    | 119125-42030 | 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    | 119125-53800 | GASKET             | 1    |     |     |     |     |     |   |   |
| 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    | 129400-92400 | FLEX HORN          | 1    |     |     |     |     |     |   | 1 |
| 27  | 1    | 977770-1207F | GASKET,LIQUID      | 1    |     |     |     |     |     |   | 1 |

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| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 101304-59020 | 13       | 2        |
| 102103-55520 | 13       | 8        |
| 103854-39140 | 13       | 1        |
| 104200-55330 | 13       | 5        |
| 104200-55750 | 13       | 13       |
| 105010-11230 | 4        | 31       |
| 105225-59240 | 12       | 41       |
| 105425-01690 | 3        | 5        |
| 106760-01770 | 2        | 6        |
|              | 4        | 36       |
| 110250-55610 | 13       | 9        |
| 114250-39450 | 8        | 17       |
| 114250-53400 | 12       | 12       |
| 118400-51370 | 10       | 24       |
| 119000-59550 | 12       | 41 -1    |
| 119125-01330 | 1        | 30       |
|              | 16       | 2        |
| 119125-01500 | 2        | 1        |
| 119125-01750 | 2        | 2        |
| 119125-01770 | 3        | 4        |
| 119125-01780 | 3        | 9        |
| 119125-01790 | 1        | 31       |
|              | 16       | 3        |
| 119125-01800 | 1        | 35 -1    |
| 119125-01960 | 1        | 7        |
| 119125-01970 | 1        | 5        |
| 119125-02000 | 1        | 6        |
| 119125-02061 | 1        | 9        |
| 119125-02900 | 1        | 36       |
| 119125-02910 | 1        | 42       |
| 119125-02930 | 1        | 23       |
| 119125-02940 | 1        | 39       |
| 119125-11100 | 4        | 15       |
| 119125-11110 | 4        | 16       |
| 119125-11130 | 4        | 17       |
| 119125-11180 | 4        | 18       |
| 119125-11190 | 4        | 19       |
| 119125-11200 | 4        | 22       |
| 119125-11240 | 4        | 23       |
| 119125-11260 | 4        | 26       |
| 119125-11270 | 4        | 27       |
| 119125-11320 | 4        | 47       |
| 119125-11330 | 4        | 48       |
|              | 16       | 4        |
| 119125-11340 | 4        | 20       |
|              | 16       | 5        |
| 119125-11370 | 4        | 49       |
|              | 16       | 6        |
| 119125-11380 | 4        | 37       |
| 119125-11650 | 4        | 30       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 119125-11740 | 4        | 6        |
| 119125-11800 | 4        | 21       |
| 119125-13100 | 5        | 1        |
| 119125-13110 | 5        | 2        |
|              | 16       | 9        |
| 119125-14580 | 6        | 3        |
| 119125-21200 | 7        | 4        |
| 119125-21660 | 7        | 11       |
| 119125-21700 | 7        | 1        |
| 119125-22080 | 7        | 16       |
| 119125-22300 | 7        | 22       |
| 119125-22500 | 7        | 18       |
| 119125-22550 | 7        | 33       |
| 119125-22900 | 7        | 31       |
| 119125-23000 | 7        | 24       |
| 119125-25050 | 1        | 26       |
| 119125-25100 | 6        | 9        |
| 119125-25910 | 6        | 12       |
| 119125-25930 | 6        | 14       |
| 119125-32000 | 8        | 1        |
| 119125-34800 | 8        | 3        |
| 119125-34810 | 8        | 5        |
| 119125-34900 | 8        | 4        |
|              | 16       | 12       |
| 119125-35080 | 8        | 9        |
| 119125-39200 | 8        | 14       |
| 119125-39220 | 8        | 15       |
|              | 16       | 14       |
| 119125-42000 | 9        | 1        |
| 119125-42020 | 9        | 3        |
| 119125-42030 | 9        | 4        |
|              | 16       | 17       |
| 119125-51030 | 10       | 6        |
| 119125-51060 | 10       | 7        |
| 119125-51100 | 10       | 9        |
| 119125-51240 | 10       | 16       |
| 119125-51250 | 10       | 17       |
| 119125-51300 | 10       | 19       |
| 119125-51480 | 10       | 35       |
| 119125-51490 | 10       | 36       |
| 119125-51700 | 10       | 67       |
| 119125-51800 | 1        | 34       |
|              | 16       | 20       |
| 119125-52000 | 10       | 86       |
| 119125-53001 | 12       | 2        |
| 119125-53080 | 12       | 5        |
| 119125-53100 | 12       | 6        |
| 119125-53120 | 12       | 9        |
| 119125-53130 | 12       | 10       |
| 119125-53140 | 12       | 11       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 119125-53800 | 16       | 21       |
| 119125-59540 | 12       | 33       |
| 119125-59560 | 12       | 38       |
| 119125-59570 | 12       | 39 -1    |
| 119125-59810 | 12       | 29       |
| 119125-59820 | 12       | 30       |
| 119125-59830 | 12       | 31       |
| 119125-61100 | 11       | 4        |
| 119125-61110 | 11       | 6        |
| 119125-61120 | 11       | 7        |
| 119125-61130 | 11       | 8        |
| 119125-61140 | 11       | 9        |
| 119125-61150 | 11       | 10       |
| 119125-61160 | 11       | 11       |
| 119125-61200 | 11       | 56       |
| 119125-61390 | 11       | 13       |
| 119125-61400 | 11       | 14       |
| 119125-61401 | 11       | 14 -1    |
| 119125-61430 | 11       | 17       |
| 119125-61450 | 11       | 80       |
| 119125-61500 | 11       | 27       |
| 119125-61501 | 11       | 27 -1    |
| 119125-77010 | 14       | 1        |
| 119125-77170 | 14       | 14       |
| 119125-77200 | 14       | 17       |
| 119125-77230 | 14       | 20       |
| 119125-77270 | 14       | 12       |
| 119125-77280 | 14       | 13       |
| 119125-77330 | 15       | 18       |
| 119125-77520 | 14       | 11       |
| 119125-77660 | 14       | 19       |
| 119125-77710 | 14       | 3        |
| 119125-77760 | 14       | 2        |
| 119125-77800 | 4        | 56       |
| 119125-77820 | 4        | 57       |
| 119125-92600 | 16       | 1        |
| 119127-01560 | 1        | 1        |
| 119127-01600 | 3        | 2        |
| 119127-21590 | 7        | 8        |
| 119131-18320 | 5        | 5        |
| 119209-35030 | 8        | 8        |
|              | 16       | 13       |
| 119209-42320 | 9        | 9        |
|              | 16       | 18       |
| 119225-77720 | 15       | 22       |
| 119226-07900 | 4        | 1 -1     |
| 119258-44740 | 9        | 18       |
| 119259-77250 | 15       | 9        |
| 119260-11270 | 4        | 28       |
| 119260-11280 | 4        | 29       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 119260-11370 | 4        | 3        |
| 119260-14200 | 6        | 1        |
| 119260-14400 | 6        | 2        |
| 119260-23910 | 7        | 30       |
| 119260-42021 | 9        | 12       |
|              | 16       | 15       |
| 119266-01200 | 1        | 29       |
| 119275-42020 | 16       | 16       |
| 119285-07900 | 4        | 1        |
| 119305-35170 | 8        | 7        |
| 119515-13200 | 5        | 7        |
|              | 16       | 10       |
| 119515-23601 | 7        | 28       |
| 119515-23611 | 7        | 37       |
| 119515-59570 | 12       | 39       |
| 119515-61440 | 11       | 18       |
| 119515-61550 | 11       | 88       |
| 119527-61700 | 11       | 121      |
| 119600-11460 | 4        | 5        |
|              | 16       | 8        |
| 119620-01620 | 1        | 13       |
| 119620-21500 | 7        | 7        |
| 119620-59700 | 12       | 43       |
| 119621-21680 | 7        | 12       |
| 119626-77200 | 15       | 1        |
| 119643-66900 | 15       | 21       |
| 119650-77910 | 15       | 23       |
| 119653-77950 | 11       | 122      |
| 119717-01800 | 2        | 3        |
| 119717-03031 | 4        | 38       |
| 119717-03070 | 4        | 39       |
|              | 4        | 40       |
| 119717-13600 | 5        | 3        |
| 119717-21940 | 7        | 13       |
| 119717-23200 | 7        | 27       |
| 119717-42350 | 9        | 16       |
| 119717-49800 | 9        | 22       |
| 119717-51150 | 6        | 15       |
| 119717-51190 | 10       | 15       |
| 119717-51420 | 10       | 27       |
| 119717-51500 | 10       | 37       |
| 119717-51570 | 10       | 43       |
| 119717-51711 | 10       | 68       |
| 119717-51750 | 10       | 69       |
| 119717-51761 | 10       | 70       |
| 119717-61050 | 11       | 2        |
| 119717-61060 | 11       | 79       |
| 119717-61070 | 11       | 3        |
| 119734-02220 | 1        | 32 -1    |
| 119802-03100 | 4        | 41       |

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| Parts No.    | Fig. No. | Ref. No. |
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| 119802-03110 | 4        | 42       |
| 119802-03121 | 4        | 43       |
| 119802-03131 | 4        | 44       |
| 119802-03141 | 4        | 45       |
| 119802-13620 | 5        | 4        |
| 119810-55340 | 13       | 6        |
| 119810-55650 | 13       | 10       |
| 119810-77340 | 15       | 19       |
| 119840-59570 | 12       | 42       |
| 121250-44901 | 9        | 26       |
| 121257-55720 | 13       | 11       |
| 121257-55731 | 13       | 12       |
| 121450-42450 | 9        | 25       |
| 122710-51090 | 10       | 8        |
| 124060-01050 | 1        | 4        |
| 124060-21600 | 7        | 10       |
| 124066-59100 | 12       | 40       |
| 124085-02220 | 1        | 32       |
| 124195-77770 | 14       | 10       |
| 124465-44950 | 9        | 27       |
|              | 16       | 19       |
| 124550-51350 | 10       | 23       |
| 128990-51330 | 10       | 22       |
| 129008-61301 | 11       | 62       |
| 129052-55630 | 13       | 15       |
| 129053-55620 | 13       | 4        |
| 129100-01580 | 3        | 1        |
|              | 7        | 2        |
| 129100-35140 | 8        | 6        |
| 129100-51560 | 10       | 42       |
| 129100-51570 | 10       | 44       |
| 129100-61650 | 11       | 48       |
| 129107-55510 | 13       | 7        |
| 129118-77210 | 15       | 4        |
| 129118-77220 | 15       | 8        |
| 129118-77230 | 15       | 11       |
| 129118-77240 | 15       | 15       |
| 129118-77250 | 15       | 16       |
| 129118-77260 | 15       | 10       |
| 129150-25301 | 6        | 13       |
| 129150-59120 | 12       | 24       |
| 129150-59131 | 12       | 27       |
| 129150-77230 | 15       | 12       |
| 129155-51020 | 10       | 5        |
| 129155-51140 | 10       | 12       |
| 129155-51280 | 10       | 18       |
| 129155-51400 | 10       | 25       |
| 129155-51521 | 10       | 38       |
| 129155-51530 | 10       | 39       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 129155-51540 | 10       | 40       |
| 129155-51550 | 10       | 41       |
| 129155-51580 | 10       | 46       |
| 129155-51591 | 10       | 47       |
| 129155-51600 | 10       | 48       |
| 129155-52051 | 10       | 87       |
| 129155-61341 | 11       | 63       |
| 129155-61450 | 11       | 19       |
| 129155-61460 | 11       | 64       |
| 129155-61480 | 11       | 21       |
| 129155-61830 | 11       | 52       |
| 129156-61460 | 11       | 20       |
| 129188-77200 | 15       | 3        |
| 129209-61370 | 11       | 12       |
| 129209-61920 | 11       | 66       |
| 129209-61930 | 11       | 67       |
| 129209-61970 | 11       | 68       |
| 129211-77920 | 15       | 26       |
| 129350-49530 | 9        | 21       |
| 129400-92400 | 16       | 26       |
| 129486-61540 | 11       | 45       |
| 129698-77110 | 14       | 4        |
| 129698-77120 | 14       | 5        |
| 129698-77130 | 14       | 7        |
| 129698-77140 | 14       | 6        |
| 129698-77150 | 14       | 8        |
| 129698-77161 | 14       | 9        |
| 129698-77180 | 14       | 16       |
| 129698-77250 | 14       | 15       |
| 129900-32040 | 1        | 33       |
|              | 16       | 11       |
| 129901-11450 | 4        | 4        |
|              | 16       | 7        |
| 129901-59560 | 12       | 32       |
| 158552-61900 | 11       | 65       |
| 158600-51170 | 10       | 14       |
| 158600-51410 | 10       | 26       |
| 158600-51420 | 10       | 28       |
| 158600-51442 | 10       | 29       |
| 158600-51570 | 10       | 45       |
| 158600-51790 | 10       | 71       |
| 171056-49120 | 9        | 24       |
| 171353-44760 | 9        | 19       |
| 174307-51700 | 11       | 28       |
| 22190-100002 | 11       | 69       |
| 22190-120002 | 11       | 70       |
|              | 12       | 44       |
|              | 13       | 3        |
|              | 16       | 22       |
| 22190-160002 | 3        | 8        |

| Parts No.      | Fig. No. | Ref. No. |
|----------------|----------|----------|
| 22190-160002   | 10       | 72       |
|                | 16       | 23       |
| 22217-060000   | 10       | 73       |
| 22217-120000   | 6        | 16       |
| 22242-000100   | 4        | 34       |
| 22252-000200   | 7        | 23       |
| 22272-000030   | 11       | 53       |
| 22351-050010   | 10       | 75       |
| 22351-060012   | 1        | 27       |
| 22372-040000   | 11       | 71       |
| 22512-040120   | 7        | 5        |
| 22512-050120   | 7        | 14       |
| 22857-500100   | 4        | 50       |
|                | 51       |          |
| 23414-080000   | 9        | 13       |
|                | 16       | 24       |
| 23414-120016   | 11       | 72       |
| 23876-005000   | 1        | 10       |
|                | 4        | 13       |
| 23887-100002   | 11       | 73       |
| 24101-060034   | 10       | 76       |
| 24101-063034   | 10       | 77       |
| 24311-000180   | 2        | 7        |
|                | 4        | 53       |
|                | 16       | 25       |
| 24311-240100   | 13       | 14       |
| 24316-000150   | 10       | 78       |
| 24341-000340-W | 7        | 15       |
| 25132-003450   | 9        | 17       |
| 26022-050122   | 10       | 79       |
| 26022-060162   | 10       | 80       |
| 26106-050102   | 10       | 81       |
| 26106-060102   | 8        | 13       |
|                | 16       |          |
|                | 11       | 74       |
| 26106-060122   | 6        | 8        |
| 26106-060142   | 8        | 2        |
|                | 11       | 75       |
| 26106-060202   | 4        | 54       |
|                | 11       | 76       |
| 26106-060352   | 9        | 20       |
| 26106-060402   | 1        | 28       |
| 26106-060452   | 11       | 77       |
| 26106-060802   | 4        | 55       |
| 26106-080122   | 9        | 14       |
| 26106-080142   | 4        | 2        |
| 26106-080162   | 4        | 2 -1     |
| 26106-080202   | 9        | 23       |
|                | 15       | 20       |
| 26106-080352   | 2        | 4        |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 26106-080452 | 2        | 5        |
|              | 4        | 35       |
|              | 9        | 15       |
| 26106-100252 | 14       | 21       |
| 26106-100352 | 15       | 17       |
| 26206-100202 | 3        | 3        |
| 26306-080002 | 5        | 6        |
| 26366-080002 | 11       | 54       |
| 26450-080252 | 1        | 35       |
| 26476-060202 | 4        | 52       |
| 26577-060122 | 9        | 10       |
| 26716-060002 | 10       | 82       |
| 26716-120002 | 6        | 17       |
| 26756-060002 | 11       | 78       |
| 26856-060002 | 4        | 33       |
| 27241-220000 | 9        | 11       |
| 27241-300000 | 1        | 11       |
| 27241-350000 | 4        | 14       |
| 27241-450000 | 1        | 12       |
| 27260-120000 | 11       | 55       |
| 719125-51300 | 10       | 1        |
| 719125-53100 | 12       | 1        |
| 977770-1207F | 16       | 27       |
| X211424103   | 14       | 18       |
| X3A02982KA0  | 15       | 6        |
| XM771860000  | 15       | 5        |
| XM771870000  | 15       | 2        |