

0CW10-M10400EN

# PREFACE

- 1.This Parts Catalog carries all parts incorporated in YANMAR Model 4TNV84T-DFM engine manufactured since May, 2006.
- 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.

## Directions for the Parts Catalog.

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

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

Remarks

(1) BOOST 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<br>No  | New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part. |
| Q      | Old $\xrightarrow{\text{No}}$ New<br>Yes  | New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part. |
| R      | Old $\xrightarrow{\text{Yes}}$ New<br>Yes | New/ Old Parts are both interchangeable.                                                   |
| S      | Old $\xrightarrow{\text{No}}$ New<br>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.

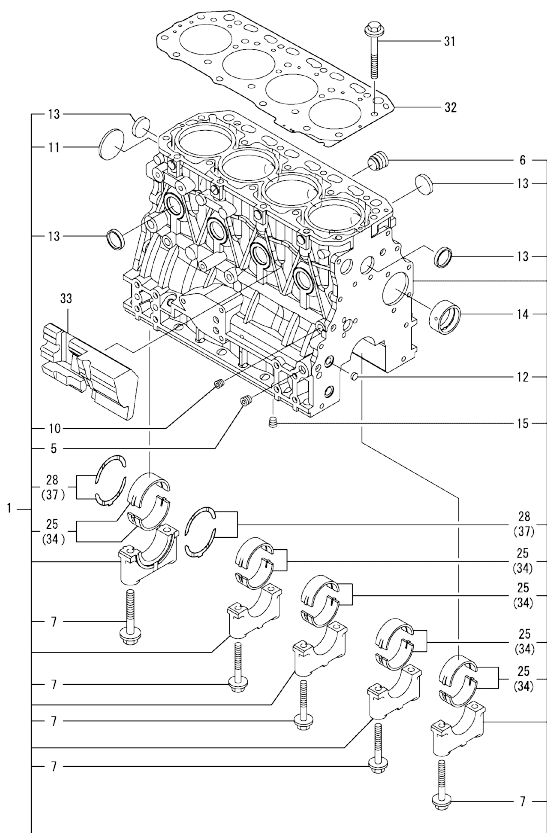
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

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0CW10-M10400

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| 1.          | CYLINDER BLOCK                 |          |           |
| 2.          | GEAR HOUSING                   |          |           |
| 3.          | FLYWHEEL HOUSING & OIL SUMP    |          |           |
| 4.          | CYLINDER HEAD & BONNET         |          |           |
| 5.          | SUCTION MANIFOLD & AIR CLEANER |          |           |
| 6.          | EXHAUST MANIFOLD               |          |           |
| 7.          | CAMSHAFT & DRIVING GEAR        |          |           |
| 8.          | TURBINE                        |          |           |
| 9.          | CRANKSHAFT & PISTON            |          |           |
| 10.         | LUB.OIL SYSTEM                 |          |           |
| 11.         | LUB.OIL LINE                   |          |           |
| 12.         | COOLING WATER SYSTEM           |          |           |
| 13.         | FUEL INJECTION PUMP            |          |           |
| 14.         | GOVERNOR                       |          |           |
| 15.         | FUEL INJECTION VALVE           |          |           |
| 16.         | FUEL LINE                      |          |           |
| 17.         | STARTING MOTOR                 |          |           |
| 18.         | GENERATOR                      |          |           |
| 19.         | GASKET SET                     |          |           |

Fig.1. CYLINDER BLOCK



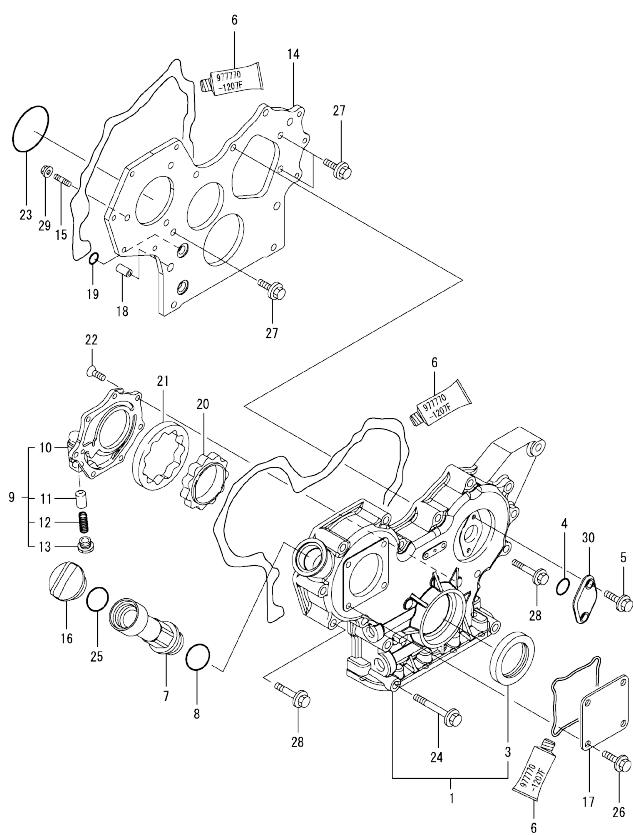
(A)=4TNV84T-DFM  
(B)=  
(C)=

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

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 729508-01560 | BLOCK ASSY, CYLINDER | 1    |     |     |     |     |     |   |   |
| 5   | 2    | 124160-01910 | PLUG, PT1/4          | 2    |     |     |     |     |     |   |   |
| 6   | 2    | 171051-01921 | PLUG, NPTF1          | 1    |     |     |     |     |     |   |   |
| 7   | 2    | 129150-02020 | BOLT, METAL CAP      | 10   |     |     |     |     |     |   |   |
| 10  | 2    | 124060-01050 | PLUG, PT1/8          | 1    |     |     |     |     |     |   |   |
| 11  | 2    | 129001-01250 | PLUG, 50             | 1    |     |     |     |     |     |   |   |
| 12  | 2    | 27241-120000 | PLUG, 12             | 2    |     |     |     |     |     |   |   |
| 13  | 2    | 27241-300000 | PLUG 30              | 8    |     |     |     |     |     |   |   |
| 14  | 2    | 129795-02412 | BUSH, CAMSHAFT       | 1    |     |     |     |     |     |   |   |
| 15  | 2    | 124160-01910 | PLUG, PT1/4          | 1    |     |     |     |     |     |   |   |
| 25  | 2    | 129001-02931 | BEARING, MAIN        | 5    |     |     |     |     |     |   | 3 |
| 28  | 2    | 129150-02931 | BEARING, THRUST      | 2    |     |     |     |     |     |   |   |
| 31  | 1    | 129150-01200 | BOLT, HEAD           | 18   |     |     |     |     |     |   |   |
| 32  | 1    | 129508-01330 | GASKET, HEAD         | 1    |     |     |     |     |     |   |   |
| 33  | 1    | 129004-01190 | SPACER               | 1    |     |     |     |     |     |   |   |
| 34  | 1    | 129150-02871 | BEARING, 0.25 US     | 5    |     |     |     |     |     |   | 1 |
| 37  | 1    | 129150-02941 | BEARING, THRUST 0.25 | 1    |     |     |     |     |     |   | 2 |

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

Fig.2. GEAR HOUSING



Remarks  
(1) OPTIONAL PART.

(A)=4TNV84T-DFM  
(B)=  
(C)=

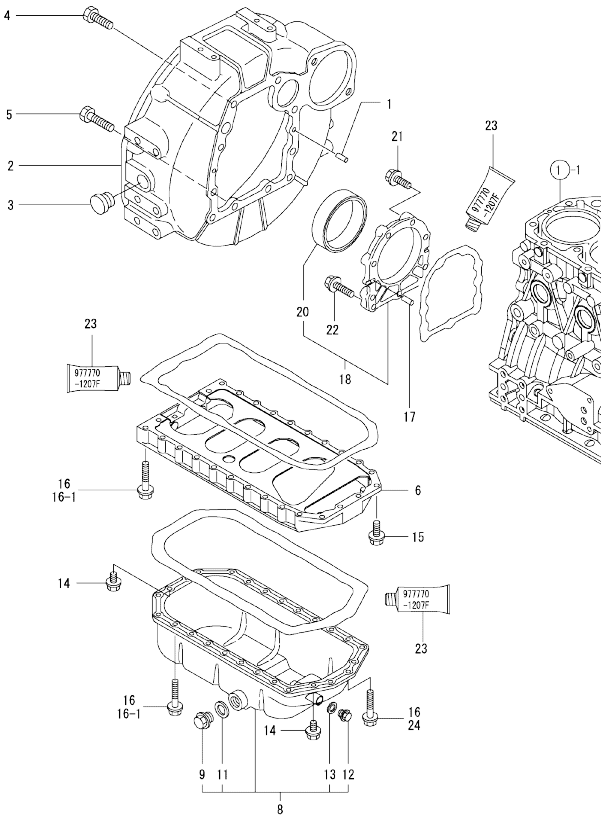
(D)=  
(E)=  
(F)=

| No. | Lev. | Parts No.    | Description         | (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|-----|------|--------------|---------------------|-----|-----|-----|-----|-----|-----|---|---|
| 1   | 1    | 729508-01540 | CASE ASSY, GEAR     | 1   |     |     |     |     |     |   |   |
| 3   | 2    | 119934-01800 | SEAL, OIL           | 1   |     |     |     |     |     |   |   |
| 4   | 1    | 24341-000240 | O-RING, 1AS24.0     | 1   |     |     |     |     |     |   |   |
| 5   | 1    | 26106-060162 | BOLT, M6X 16 PLATED | 2   |     |     |     |     |     |   |   |
| 6   | 1    | 977770-1207F | GASKET, LIQUID      | 1   |     |     |     |     |     |   | 1 |
| 7   | 1    | 121027-11743 | PIPE                | 1   |     |     |     |     |     |   |   |
| 8   | 1    | 24311-000320 | O-RING, 1AP32.0     | 1   |     |     |     |     |     |   |   |
| 9   | 1    | 119802-32100 | COVER ASSY          | 1   |     |     |     |     |     |   |   |
| 10  | 2    | 119802-32070 | COVER               | 1   |     |     |     |     |     |   |   |
| 11  | 2    | 129900-32130 | VALVE, RELIEF       | 1   |     |     |     |     |     |   |   |
| 12  | 2    | 129418-32320 | SPRING              | 1   |     |     |     |     |     |   |   |
| 13  | 2    | 129001-32330 | PLUG                | 1   |     |     |     |     |     |   |   |
| 14  | 1    | 119802-01520 | FLANGE, GEAR CASE   | 1   |     |     |     |     |     |   |   |
| 15  | 1    | 119802-01561 | STUD, M8X25         | 3   |     |     |     |     |     |   |   |
| 16  | 1    | 124160-01751 | COVER, FILLER       | 1   |     |     |     |     |     |   |   |
| 17  | 1    | 124240-01871 | COVER               | 1   |     |     |     |     |     |   |   |
| 18  | 1    | 129795-01950 | PIPE, KNOCK L=18    | 2   |     |     |     |     |     |   |   |
| 19  | 1    | 119609-32040 | O-RING, P16         | 4   |     |     |     |     |     |   |   |
| 20  | 1    | 129508-32111 | ROTOR, INNER        | 1   |     |     |     |     |     |   |   |
| 21  | 1    | 129508-32120 | ROTOR, OUTER        | 1   |     |     |     |     |     |   |   |
| 22  | 1    | 119802-32130 | SCREW, M6X16        | 7   |     |     |     |     |     |   |   |
| 23  | 1    | 121850-51960 | O-RING              | 1   |     |     |     |     |     |   |   |
| 24  | 1    | 129001-91841 | BOLT, M8X85         | 3   |     |     |     |     |     |   |   |
| 25  | 1    | 24311-000320 | O-RING, 1AP32.0     | 1   |     |     |     |     |     |   |   |
| 26  | 1    | 26106-080162 | BOLT, M8X 16 PLATED | 4   |     |     |     |     |     |   |   |
| 27  | 1    | 26106-080162 | BOLT, M8X 16 PLATED | 3   |     |     |     |     |     |   |   |
| 28  | 1    | 26106-080552 | BOLT, M8X 55 PLATED | 12  |     |     |     |     |     |   |   |
| 29  | 1    | 26306-080002 | NUT, M8             | 3   |     |     |     |     |     |   |   |
| 30  | 1    | 121023-01551 | COVER               | 1   |     |     |     |     |     |   |   |

N:Old <sup>Yes</sup>/<sub>No</sub> New. Q:Old <sup>No</sup>/<sub>Yes</sub> New. R:Old <sup>Yes</sup>/<sub>Yes</sub> New. S:Old <sup>No</sup>/<sub>No</sub> New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

0CW10-M10400 4TNV84T-DFM

Fig.3. FLYWHEEL HOUSING & OIL SUMP



Remarks  
(1) OPTIONAL PART.

0CW10-M10400 Fig.3

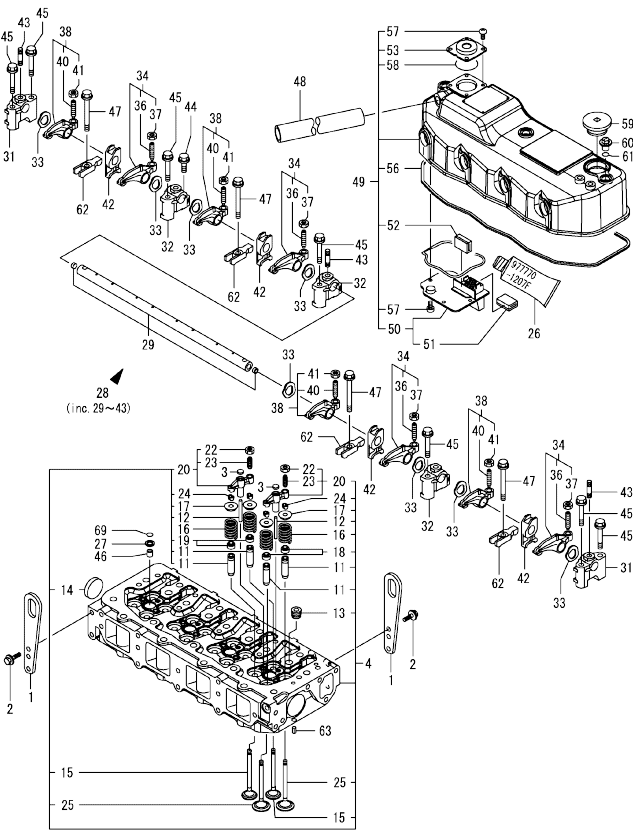
(A)=4TNV84T-DFM  
(B)=  
(C)=

(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    | 171420-01600 | HOUSING, FLYWHEEL    | 1    |     |     |     |     |     |   |   |
| 3            | 1    | 119620-01750 | CAP                  | 1    |     |     |     |     |     |   |   |
| 4            | 1    | 26206-100252 | BOLT, M10X 25 PLATED | 6    |     |     |     |     |     |   |   |
| 5            | 1    | 26206-100302 | BOLT, M10X 30 PLATED | 4    |     |     |     |     |     |   |   |
| 6            | 1    | 129400-01730 | SPACER, OIL SUMP     | 1    |     |     |     |     |     |   |   |
| 8            | 1    | 129649-01710 | SUMP ASSY, OIL       | 1    |     |     |     |     |     |   |   |
| 9            | 2    | 119640-01640 | PLUG, DRAIN M22      | 1    |     |     |     |     |     |   |   |
| 11           | 2    | 22190-220002 | WASHER, SEAL 22      | 1    |     |     |     |     |     |   |   |
| 12           | 2    | 105425-01690 | PLUG, 16             | 1    |     |     |     |     |     |   |   |
| 13           | 2    | 22190-160002 | WASHER, SEAL 16      | 1    |     |     |     |     |     |   |   |
| 14           | 1    | 26106-080162 | BOLT, M8X 16 PLATED  | 4    |     |     |     |     |     |   |   |
| 15           | 1    | 26106-080252 | BOLT, M8X 25 PLATED  | 2    |     |     |     |     |     |   |   |
| 16           | 1    | 26106-080452 | BOLT, M8X 45 PLATED  | 24   |     |     |     |     |     |   |   |
| 16-1         | 1    | 26106-080452 | BOLT, M8X 45 PLATED  | 20   |     |     |     |     |     |   | K |
| (A=FROM 1ST) |      |              |                      |      |     |     |     |     |     |   |   |
| 17           | 1    | 129100-01580 | PIN, M8X16           | 2    |     |     |     |     |     |   |   |
| 18           | 1    | 129648-01600 | CASE ASSY, OIL SEAL  | 1    |     |     |     |     |     |   |   |
| 20           | 2    | 129648-01780 | SEAL, OIL            | 1    |     |     |     |     |     |   |   |
| 21           | 1    | 129486-01670 | BOLT, M8X30          | 6    |     |     |     |     |     |   |   |
| 22           | 1    | 26106-080352 | BOLT, M8X 35 PLATED  | 3    |     |     |     |     |     |   |   |
| 23           | 1    | 977770-1207F | GASKET LIQUID        | 1    |     |     |     |     |     |   | 1 |
| 24           | 1    | 26106-080502 | BOLT, M8X 50 PLATED  | 4    |     |     |     |     |     |   | W |
| (A=FROM 1ST) |      |              |                      |      |     |     |     |     |     |   |   |

N:Old  $\frac{YES}{NO}$  New, Q:Old  $\frac{YES}{NO}$  New, R:Old  $\frac{YES}{NO}$  New, S:Old  $\frac{YES}{NO}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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Fig.4. CYLINDER HEAD & BONNET



Remarks  
(1) REPAIR PART.  
(2) OPTIONAL PART.

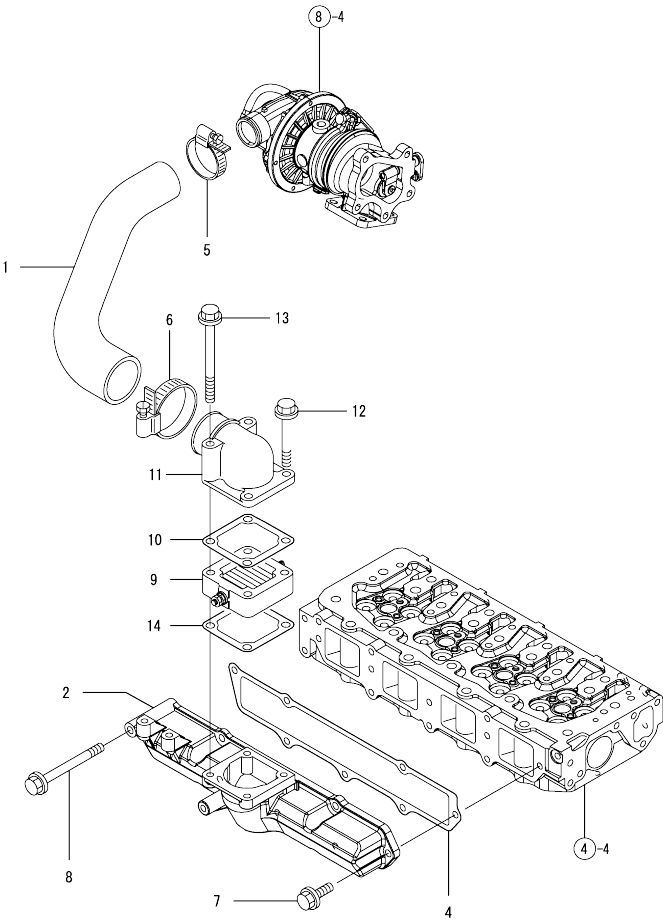
| No. | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 129900-07900 | LIFTER              | 2    |     |     |     |     |     |   |   |
| 2   | 1    | 26106-080162 | BOLT, M8X 16 PLATED | 4    |     |     |     |     |     |   |   |
| 3   | 1    | 123907-11550 | SEAT, VALVE BRIDGE  | 8    |     |     |     |     |     |   |   |
| 4   | 1    | 129508-11700 | HEAD ASSY, CYLINDER | 1    |     |     |     |     |     |   | 1 |
| 11  | 2    | 119717-11800 | GUIDE, VALVE        | 16   |     |     |     |     |     |   |   |
| 12  | 2    | 129508-11820 | GUIDE               | 8    |     |     |     |     |     |   |   |
| 13  | 2    | 23876-020000 | PLUG, R02           | 4    |     |     |     |     |     |   |   |
| 14  | 2    | 27241-400000 | PLUG, 40            | 2    |     |     |     |     |     |   |   |
| 15  | 2    | 129508-11110 | VALVE, EXHAUST      | 8    |     |     |     |     |     |   |   |
| 16  | 2    | 129508-11130 | SPRING, VALVE       | 16   |     |     |     |     |     |   |   |
| 17  | 2    | 129508-11180 | RETAINER, SPRING    | 16   |     |     |     |     |     |   |   |
| 18  | 2    | 119717-11340 | SEAL, VALVE STEM    | 8    |     |     |     |     |     |   |   |
| 19  | 2    | 119717-11350 | SEAL, VALVE STEM    | 8    |     |     |     |     |     |   |   |
| 20  | 2    | 129672-11510 | BRIDGE ASSY, VALVE  | 8    |     |     |     |     |     |   |   |
| 22  | 3    | 129150-11750 | NUT, M8             | 8    |     |     |     |     |     |   |   |
| 23  | 3    | 123907-11830 | ADJUSTER            | 8    |     |     |     |     |     |   |   |
| 24  | 2    | 119717-11190 | COTTER              | 32   |     |     |     |     |     |   |   |
| 25  | 2    | 129508-11100 | VALVE, INTAKE       | 8    |     |     |     |     |     |   |   |
| 26  | 1    | 977770-1207F | GASKET,LIQUID       | 1    |     |     |     |     |     |   | 2 |
| 27  | 1    | 119625-11880 | SEAT, NOZZLE        | 4    |     |     |     |     |     |   |   |
| 28  | 1    | 129508-11241 | SHAFT ASSY, ROCKER  | 1    |     |     |     |     |     |   |   |
| 29  | 2    | 129508-11250 | SHAFT, ROCKER ARM   | 1    |     |     |     |     |     |   |   |
| 31  | 2    | 129508-11260 | SUPPORT, ROCKER ARM | 2    |     |     |     |     |     |   |   |
| 32  | 2    | 129508-11270 | SUPPORT, ROCKER ARM | 3    |     |     |     |     |     |   |   |
| 33  | 2    | 129508-11280 | WASHER              | 8    |     |     |     |     |     |   |   |
| 34  | 2    | 129508-11650 | ARM, ROCKER         | 4    |     |     |     |     |     |   |   |
| 36  | 3    | 129150-11230 | SCREW, VALVE ADJUST | 4    |     |     |     |     |     |   |   |
| 37  | 3    | 129150-11750 | NUT, M8             | 4    |     |     |     |     |     |   |   |
| 38  | 2    | 129508-11660 | ARM, ROCKER         | 4    |     |     |     |     |     |   |   |
| 40  | 3    | 129150-11230 | SCREW, VALVE ADJUST | 4    |     |     |     |     |     |   |   |
| 41  | 3    | 129150-11750 | NUT, M8             | 4    |     |     |     |     |     |   |   |
| 42  | 2    | 129508-11920 | RETAINER            | 4    |     |     |     |     |     |   |   |
| 43  | 2    | 26226-080352 | STUD, M8X 35        | 3    |     |     |     |     |     |   |   |
| 44  | 1    | 26106-080252 | BOLT, M8X 25 PLATED | 3    |     |     |     |     |     |   |   |
| 45  | 1    | 26106-080502 | BOLT, M8X 50 PLATED | 7    |     |     |     |     |     |   |   |
| 46  | 1    | 119802-11870 | PROTECTOR, NOZZLE   | 4    |     |     |     |     |     |   |   |
| 47  | 1    | 129907-11950 | BOLT, M8X75         | 4    |     |     |     |     |     |   |   |
| 48  | 1    | 129150-03090 | HOSE, ID16X2T       | 1    |     |     |     |     |     |   |   |
| 49  | 1    | 129508-11340 | BONNET ASSY, HEAD   | 1    |     |     |     |     |     |   |   |
| 50  | 2    | 129508-03010 | PLATE               | 1    |     |     |     |     |     |   |   |
| 51  | 3    | 119802-03070 | BAFFLE, BREATHER    | 1    |     |     |     |     |     |   |   |
| 52  | 2    | 129150-03070 | BAFFLE, BREATHER    | 1    |     |     |     |     |     |   |   |
| 53  | 2    | 129006-03120 | COVER, DIAPHRAGM    | 1    |     |     |     |     |     |   |   |
| 56  | 2    | 129508-11310 | GASKET, BONNET      | 1    |     |     |     |     |     |   |   |
| 57  | 2    | 22857-500100 | SCREW, 5X10         | 8    |     |     |     |     |     |   |   |
| 58  | 2    | 24341-000400 | O-RING, 1AS40.0     | 1    |     |     |     |     |     |   |   |
| 59  | 2    | 119807-11770 | PLUG                | 1    |     |     |     |     |     |   |   |
| 60  | 1    | 124160-11360 | KNOB                | 3    |     |     |     |     |     |   |   |
| 61  | 1    | 24311-000120 | O-RING, 1AP12.0     | 3    |     |     |     |     |     |   |   |
| 62  | 1    | 129508-11900 | RETAINER, NOZZLE    | 4    |     |     |     |     |     |   |   |
| 63  | 1    | 22351-060012 | PIN, SPRING 6.0X12  | 2    |     |     |     |     |     |   |   |

N:Old  $\frac{100}{100}$  New, O:Old  $\frac{100}{100}$  New, R:Old  $\frac{100}{100}$  New, S:Old  $\frac{100}{100}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
++ CONTINUE ++ Copyright (C) YANMAR GLOBAL CS CO., LTD. All RightsReserved.





Fig.5. SUCTION MANIFOLD & AIR CLEANER

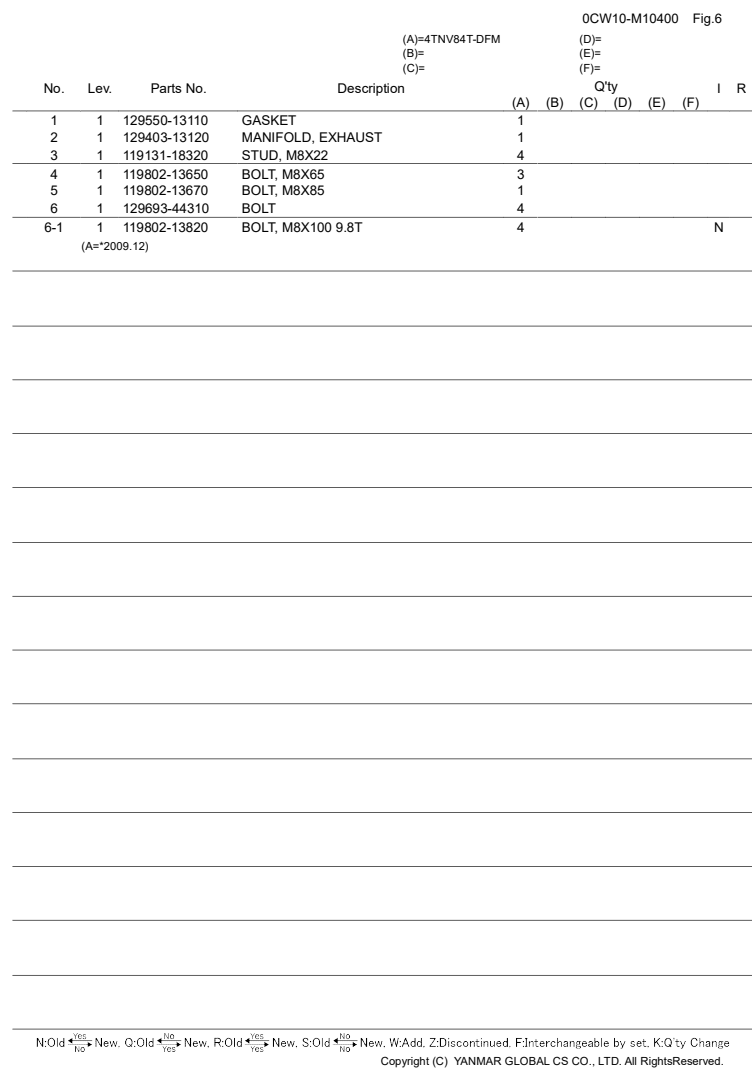


(A)=4TNV84T-DFM  
(B)=  
(C)=

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

| No.        | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 129508-12090 | PIPE, AIR INTAKE     | 1    |     |     |     |     |     |   |   |
| 2          | 1    | 129508-12120 | MANIFOLD, AIR INTAKE | 1    |     |     |     |     |     |   |   |
| 2-1        | 1    | 129508-12121 | MANIFOLD,INTAKE      | 1    |     |     |     |     |     |   | R |
| (A=EZZZZZ) |      |              |                      |      |     |     |     |     |     |   |   |
| 4          | 1    | 129508-12110 | GASKET, MANIFOLD     | 1    |     |     |     |     |     |   |   |
| 5          | 1    | 23000-048000 | CLAMP, 48            | 1    |     |     |     |     |     |   |   |
| 6          | 1    | 23000-060000 | CLAMP, 60            | 1    |     |     |     |     |     |   |   |
| 7          | 1    | 26106-080202 | BOLT, M8X 20 PLATED  | 6    |     |     |     |     |     |   |   |
| 8          | 1    | 26106-080802 | BOLT, M8X 80 PLATED  | 1    |     |     |     |     |     |   |   |
| 9          | 1    | 129400-77501 | HEATER               | 2    |     |     |     |     |     |   |   |
| 10         | 1    | 129100-77510 | GASKET               | 1    |     |     |     |     |     |   |   |
| 11         | 1    | 171340-77520 | BEND                 | 1    |     |     |     |     |     |   |   |
| 12         | 1    | 26106-080602 | BOLT, M8X 60 PLATED  | 2    |     |     |     |     |     |   |   |
| 13         | 1    | 26106-081002 | BOLT, M8X100 PLATED  | 2    |     |     |     |     |     |   |   |
| 14         | 1    | 129150-77511 | GASKET               | 1    |     |     |     |     |     |   |   |

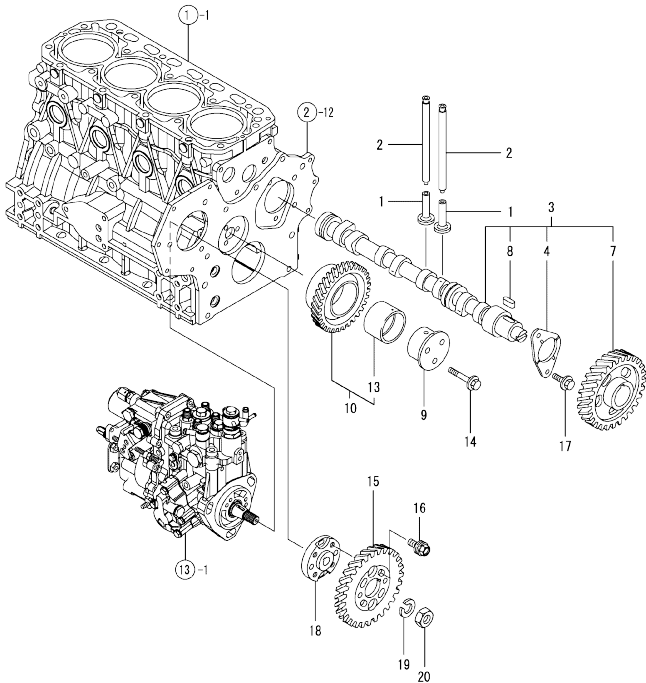
Fig.6. EXHAUST MANIFOLD



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

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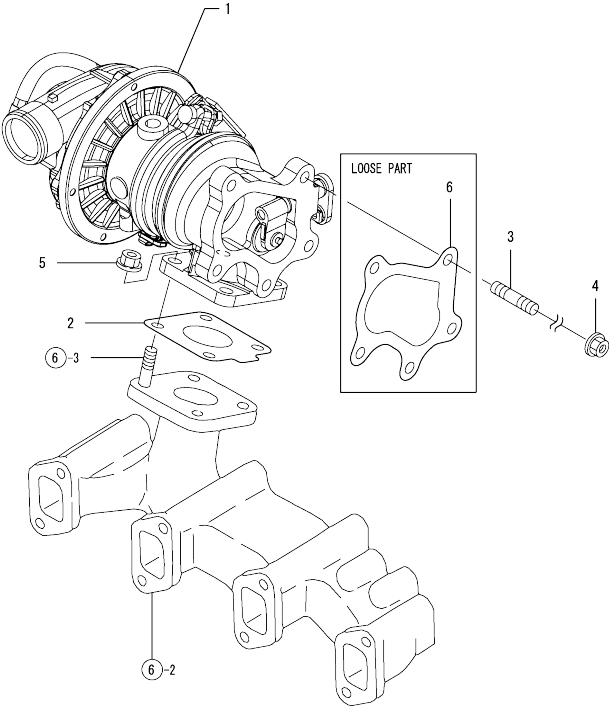
Fig.7. CAMSHAFT & DRIVING GEAR



Remarks  
(1) REPAIR PART.

| No. | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 129150-14200 | TAPPET              | 8    |     |     |     |     |     |   |   |
| 2   | 1    | 129150-14400 | ROD, PUSH L=178     | 8    |     |     |     |     |     |   |   |
| 3   | 1    | 129508-14580 | CAMSHAFT ASSY       | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 129150-02450 | BEARING, THRUST     | 1    |     |     |     |     |     |   |   |
| 7   | 2    | 129150-14101 | GEAR, CAMSHAFT      | 1    |     |     |     |     |     |   |   |
| 8   | 2    | 22512-070140 | KEY, 7X 14          | 1    |     |     |     |     |     |   |   |
| 9   | 1    | 119802-25051 | SHAFT, IDLE         | 1    |     |     |     |     |     |   |   |
| 10  | 1    | 119802-25101 | GEAR ASSY, IDLE     | 1    |     |     |     |     |     |   |   |
| 13  | 2    | 119802-25071 | BUSH, IDLE GEAR     | 1    |     |     |     |     |     |   | 1 |
| 14  | 1    | 26106-080402 | BOLT, M8X 40 PLATED | 3    |     |     |     |     |     |   |   |
| 15  | 1    | 119802-25901 | GEAR, PUMP          | 1    |     |     |     |     |     |   |   |
| 16  | 1    | 129150-25301 | BOLT                | 4    |     |     |     |     |     |   |   |
| 17  | 1    | 26106-080142 | BOLT, M8X 14 PLATED | 2    |     |     |     |     |     |   |   |
| 18  | 1    | 158552-51151 | FLANGE              | 1    |     |     |     |     |     |   |   |
| 19  | 1    | 22217-140000 | WASHER, SPRING 14   | 1    |     |     |     |     |     |   |   |
| 20  | 1    | 26776-140002 | NUT, LOCK M14       | 1    |     |     |     |     |     |   |   |

Fig.8. TURBINE



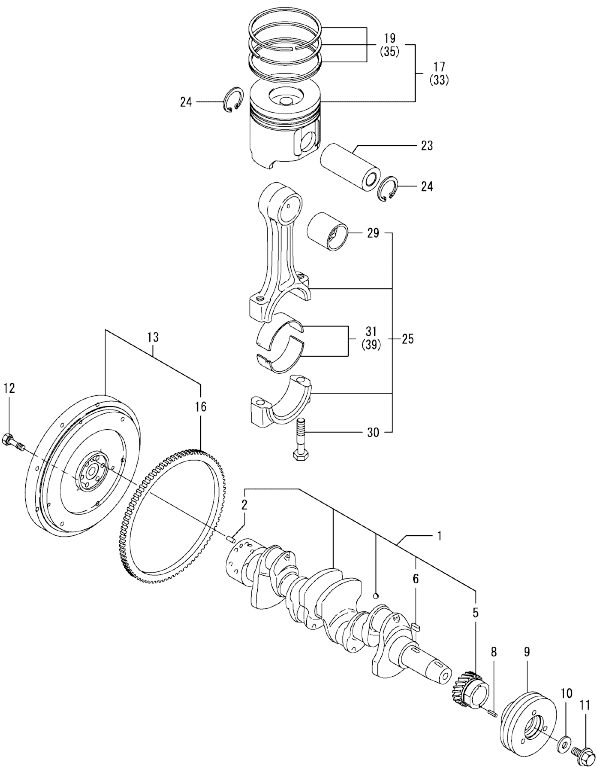
(A)=4TNV84T-DFM  
(B)=  
(C)=

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

| No. | Lev. | Parts No.    | Description   | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|---------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |               | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 129508-18010 | TURBINE, RHF4 | 1    |     |     |     |     |     |   |   |
| 2   | 1    | 129508-18080 | GASKET        | 1    |     |     |     |     |     |   |   |
| 3   | 1    | 129418-18320 | STUD, M8X20   | 5    |     |     |     |     |     |   |   |
| 4   | 1    | 26306-080002 | NUT, M8       | 5    |     |     |     |     |     |   |   |
| 5   | 1    | 26306-080002 | NUT, M8       | 4    |     |     |     |     |     |   |   |
| 6   | 1    | 129508-18090 | GASKET        | 1    |     |     |     |     |     |   |   |

0CW10-M10400 4TNV84T-DFM

Fig.9. CRANKSHAFT & PISTON



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

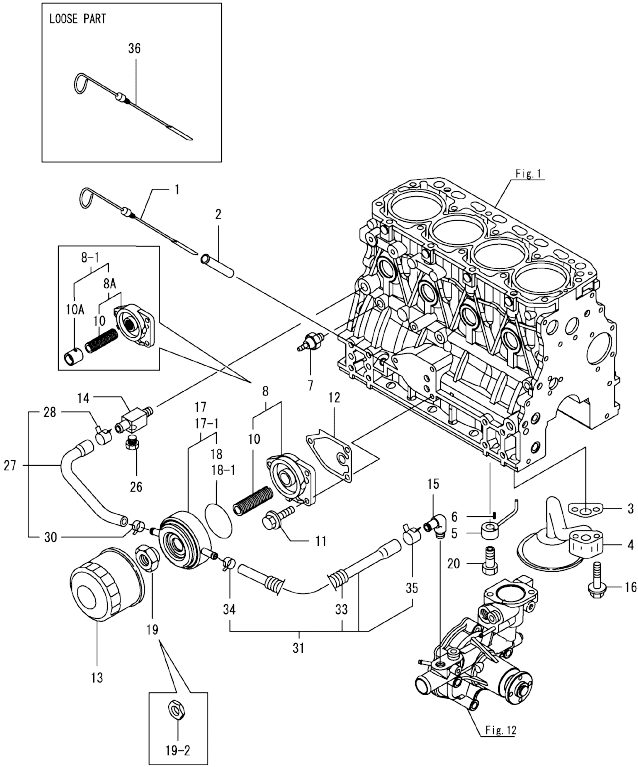
0CW10-M10400 Fig.9

(A)=4TNV84T-DFM  
(B)=  
(C)=

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

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 129508-21002 | CRANKSHAFT ASSY      | 1    |     |     |     |     |     |   |   |
| 2   | 2    | 129100-01580 | PIN, M8X16           | 1    |     |     |     |     |     |   |   |
| 5   | 2    | 119802-21202 | GEAR, CRANKSHAFT     | 1    |     |     |     |     |     |   |   |
| 6   | 2    | 22512-070140 | KEY, 7X 14           | 1    |     |     |     |     |     |   |   |
| 8   | 1    | 22351-030010 | PIN, SPRING 3.0X10   | 1    |     |     |     |     |     |   |   |
| 9   | 1    | 119802-21660 | V-PULLEY, 120        | 1    |     |     |     |     |     |   |   |
| 10  | 1    | 129795-21661 | WASHER               | 1    |     |     |     |     |     |   |   |
| 11  | 1    | 121850-21680 | BOLT                 | 1    |     |     |     |     |     |   |   |
| 12  | 1    | 121111-21501 | BOLT, FLYWHEEL       | 6    |     |     |     |     |     |   |   |
| 13  | 1    | 129649-21590 | FLYWHEEL ASSY        | 1    |     |     |     |     |     |   |   |
| 16  | 2    | 124550-21600 | GEAR, RING           | 1    |     |     |     |     |     |   |   |
| 17  | 1    | 129508-22080 | PISTON ASSY          | 4    |     |     |     |     |     |   |   |
| 19  | 2    | 129004-22500 | RING SET, PISTON     | 4    |     |     |     |     |     |   |   |
| 23  | 1    | 129202-22300 | PIN, PISTON D26 L70  | 4    |     |     |     |     |     |   |   |
| 24  | 1    | 22252-000260 | RING, 26             | 8    |     |     |     |     |     |   |   |
| 25  | 1    | 729402-23100 | ROD ASSY, CONNECTING | 4    |     |     |     |     |     |   |   |
| 29  | 2    | 129100-23910 | BEARING, PISTON PIN  | 4    |     |     |     |     |     |   | 1 |
| 30  | 2    | 121550-23200 | BOLT, CONNECTING ROD | 8    |     |     |     |     |     |   |   |
| 31  | 2    | 129150-23601 | BEARING, CRANK PIN   | 4    |     |     |     |     |     |   |   |
| 33  | 1    | 129508-22900 | PISTON ASSY, 0.25 OS | 4    |     |     |     |     |     |   | 2 |
| 35  | 2    | 129004-22950 | RING SET, 0.25 OS    | 4    |     |     |     |     |     |   | 2 |
| 39  | 1    | 129150-23611 | BEARING, 0.25 US     | 4    |     |     |     |     |     |   | 3 |

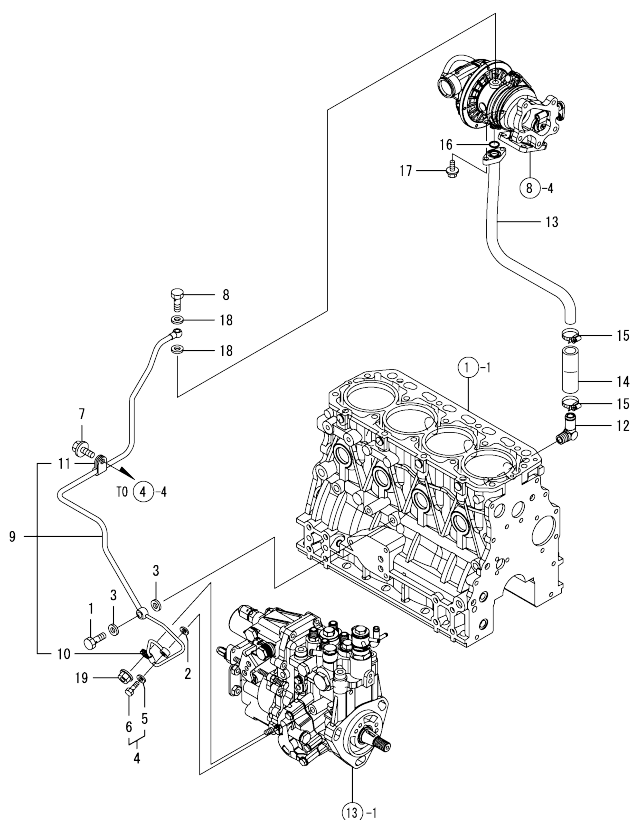
Fig.10. LUB.OIL SYSTEM



Remarks  
(1) REPAIR PART.

| No.          | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|--------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|              |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1            | 1    | 129005-34802 | DIPSTICK             | 1    |     |     |     |     |     |   |   |
| 2            | 1    | 121520-34810 | GUIDE, DIPSTICK      | 1    |     |     |     |     |     |   |   |
| 3            | 1    | 129150-35042 | GASKET               | 1    |     |     |     |     |     |   |   |
| 4            | 1    | 129150-35091 | PIPE ASSY, OIL INLET | 1    |     |     |     |     |     |   |   |
| 5            | 1    | 129553-39650 | NOZZLE, COOLING      | 4    |     |     |     |     |     |   |   |
| 6            | 1    | 22351-030010 | PIN, SPRING 3.0X10   | 4    |     |     |     |     |     |   |   |
| 7            | 1    | 114250-39450 | SWITCH, HYDRAULIC    | 1    |     |     |     |     |     |   |   |
| 8            | 1    | 129006-35100 | BRACKET ASSY, FILTER | 1    |     |     |     |     |     |   |   |
| 8-1          | 1    | 129508-35100 | BRACKET ASSY,LO FILT | 1    |     |     |     |     |     |   | S |
| (A=*2020.07) |      |              |                      |      |     |     |     |     |     |   |   |
| 8A           | 2    | 129006-35100 | BRACKET ASSY, FILTER | 1    |     |     |     |     |     |   | W |
| (A=*2020.07) |      |              |                      |      |     |     |     |     |     |   |   |
| 10           | 3    | 129417-35150 | BOLT, STUD M20X67    | 1    |     |     |     |     |     |   |   |
| 10A          | 2    | 129508-35150 | COLLAR, OIL-COOLER   | 1    |     |     |     |     |     |   | W |
| (A=*2020.07) |      |              |                      |      |     |     |     |     |     |   |   |
| 11           | 1    | 26106-080202 | BOLT, M8X 20 PLATED  | 3    |     |     |     |     |     |   |   |
| 12           | 1    | 129150-35111 | GASKET               | 1    |     |     |     |     |     |   |   |
| 13           | 1    | 129150-35153 | FILTER ASSY, D80X80L | 1    |     |     |     |     |     |   | 1 |
| 14           | 1    | 129006-44480 | JOINT                | 1    |     |     |     |     |     |   |   |
| 15           | 1    | 129103-49301 | ELBOW, PT1/4         | 1    |     |     |     |     |     |   |   |
| 16           | 1    | 26106-080352 | BOLT, M8X 35 PLATED  | 2    |     |     |     |     |     |   |   |
| 17           | 1    | 129508-33010 | COOLER ASSY, OIL     | 1    |     |     |     |     |     |   |   |
| 17-1         | 1    | 129508-33031 | COOLER ASSY, OIL     | 1    |     |     |     |     |     |   | S |
| (A=*2020.07) |      |              |                      |      |     |     |     |     |     |   |   |
| 18           | 2    | 129508-33050 | O-RING               | 1    |     |     |     |     |     |   |   |
| 18-1         | 2    | 129508-33060 | GASKET, COOLER       | 1    |     |     |     |     |     |   | S |
| (A=*2020.07) |      |              |                      |      |     |     |     |     |     |   |   |
| 19           | 1    | 129417-33110 | NUT                  | 1    |     |     |     |     |     |   |   |
| 19-1         | 1    | 129417-33111 | NUT, OIL COOLER      | 1    |     |     |     |     |     |   | R |
| (A=E55435)   |      |              |                      |      |     |     |     |     |     |   |   |
| 19-2         | 1    | 124085-35350 | NUT, M20             | 1    |     |     |     |     |     |   | S |
| (A=*2020.07) |      |              |                      |      |     |     |     |     |     |   |   |
| 20           | 1    | 129792-39410 | VALVE ASSY, CHECK    | 4    |     |     |     |     |     |   |   |
| 26           | 1    | 171056-49120 | PLUG, DRAIN R1/4     | 1    |     |     |     |     |     |   |   |
| 27           | 1    | 129508-49030 | HOSE ASSY, WATER     | 1    |     |     |     |     |     |   |   |
| 28           | 2    | 171008-03990 | CLAMP, HOSE 18.5     | 1    |     |     |     |     |     |   |   |
| 30           | 2    | 23080-015000 | CLAMP, 15            | 1    |     |     |     |     |     |   |   |
| 31           | 1    | 129508-49040 | HOSE ASSY, WATER     | 1    |     |     |     |     |     |   |   |
| 33           | 2    | 119940-59130 | TUBE, CORRUGATED 19  | 1    |     |     |     |     |     |   |   |
| 34           | 2    | 23080-015000 | CLAMP, 15            | 1    |     |     |     |     |     |   |   |
| 35           | 2    | 23080-018000 | CLAMP, 18            | 1    |     |     |     |     |     |   |   |
| 36           | 1    | 129005-34802 | DIPSTICK             | 1    |     |     |     |     |     |   |   |

Fig.11. LUB.OIL LINE

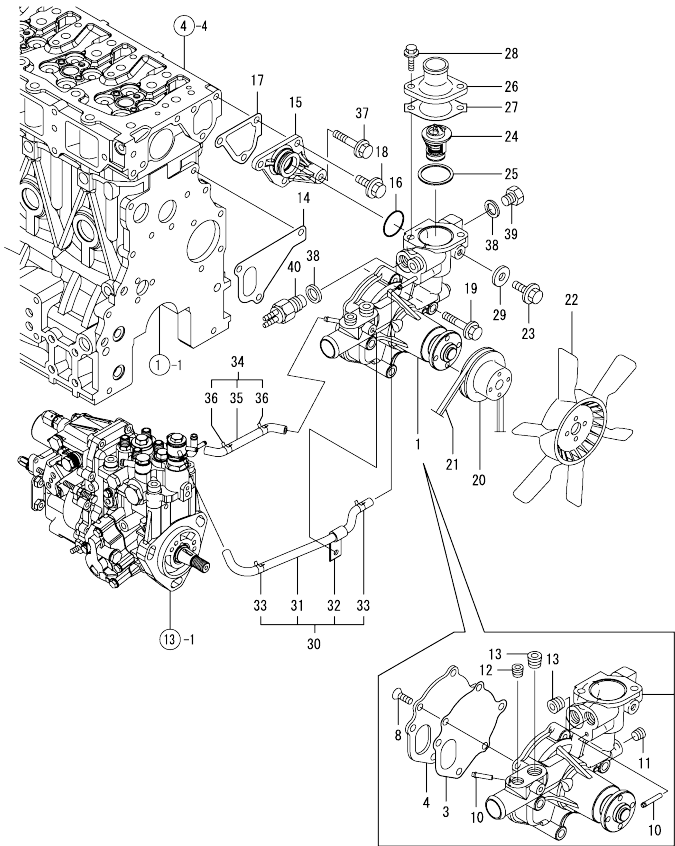


|     |      |              |                      | (A)=4TNV84T-DFM<br>(B)=<br>(C)= | (D)=<br>(E)=<br>(F)= | Q'ty |     |     |     | I | R |
|-----|------|--------------|----------------------|---------------------------------|----------------------|------|-----|-----|-----|---|---|
| No. | Lev. | Parts No.    | Description          | (A)                             | (B)                  | (C)  | (D) | (E) | (F) |   |   |
| 1   | 1    | 124160-39140 | BOLT, PIPE JOINT M10 | 1                               |                      |      |     |     |     |   |   |
| 2   | 1    | 22190-080002 | WASHER, SEAL 6       | 1                               |                      |      |     |     |     |   |   |
| 3   | 1    | 22190-100002 | WASHER, SEAL 10      | 2                               |                      |      |     |     |     |   |   |
| 4   | 1    | 129005-59830 | BOLT ASSY, JOINT M8  | 1                               |                      |      |     |     |     |   |   |
| 5   | 2    | 22190-080002 | WASHER, SEAL 6       | 1                               |                      |      |     |     |     |   |   |
| 6   | 2    | 23857-030000 | BOLT, JOINT 3        | 1                               |                      |      |     |     |     |   |   |
| 7   | 1    | 26106-080122 | BOLT, M8X 12 PLATED  | 1                               |                      |      |     |     |     |   |   |
| 8   | 1    | 121252-39150 | BOLT, JOINT M10X1.5  | 1                               |                      |      |     |     |     |   |   |
| 9   | 1    | 129508-39450 | PIPE ASSY, OIL       | 1                               |                      |      |     |     |     |   |   |
| 10  | 2    | 119802-39500 | RETAINER, PIPE       | 1                               |                      |      |     |     |     |   |   |
| 11  | 2    | 124223-39900 | RETAINER             | 1                               |                      |      |     |     |     |   |   |
| 12  | 1    | 124070-13300 | ELBOW, PT3/8         | 1                               |                      |      |     |     |     |   |   |
| 13  | 1    | 129508-39600 | PIPE, OIL            | 1                               |                      |      |     |     |     |   |   |
| 14  | 1    | 123901-39820 | HOSE                 | 1                               |                      |      |     |     |     |   |   |
| 15  | 1    | 23000-025000 | CLAMP, 25            | 2                               |                      |      |     |     |     |   |   |
| 16  | 1    | 24316-000160 | O-RING, 4DP16.0      | 1                               |                      |      |     |     |     |   |   |
| 17  | 1    | 26106-060162 | BOLT, M6X 16 PLATED  | 2                               |                      |      |     |     |     |   |   |
| 18  | 1    | 23414-100000 | GASKET, 10X1.0       | 2                               |                      |      |     |     |     |   |   |
| 19  | 1    | 26366-060002 | NUT, M6              | 1                               |                      |      |     |     |     |   |   |



0CW10-M10400 4TNV84T-DFM

Fig.12. COOLING WATER SYSTEM



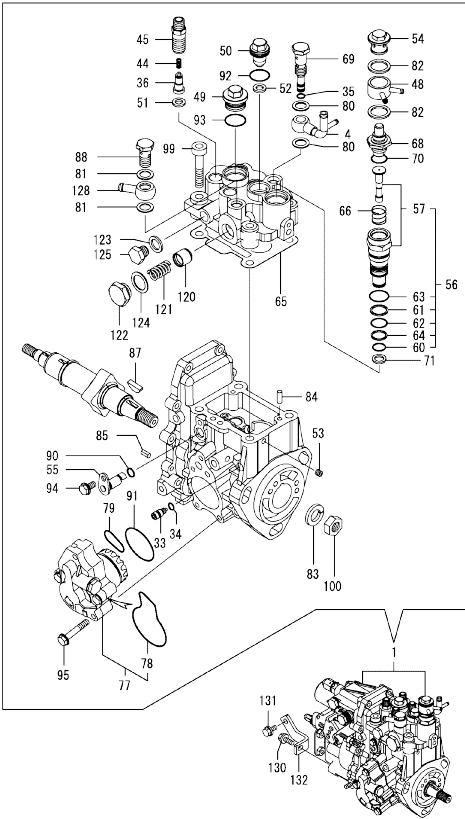
0CW10-M10400 Fig.12

(A)=4TNV84T-DFM  
(B)=  
(C)=

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

| No. | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 129508-42001 | PUMP ASSY, WATER    | 1    |     |     |     |     |     |   |   |
| 3   | 2    | 129100-42051 | GASKET, WATER PUMP  | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 129100-42121 | PLATE               | 1    |     |     |     |     |     |   |   |
| 8   | 2    | 121850-42410 | SCREW               | 3    |     |     |     |     |     |   |   |
| 10  | 2    | 119802-49113 | JOINT, PIPE         | 2    |     |     |     |     |     |   |   |
| 11  | 2    | 23876-010000 | PLUG, R01           | 1    |     |     |     |     |     |   |   |
| 12  | 2    | 23876-020000 | PLUG, R02           | 1    |     |     |     |     |     |   |   |
| 13  | 2    | 129916-49740 | PLUG, R03           | 2    |     |     |     |     |     |   |   |
| 14  | 1    | 129486-42021 | GASKET, WATER PUMP  | 1    |     |     |     |     |     |   |   |
| 15  | 1    | 129004-42040 | JOINT               | 1    |     |     |     |     |     |   |   |
| 16  | 1    | 129486-42140 | O-RING, G30         | 1    |     |     |     |     |     |   |   |
| 17  | 1    | 124395-49840 | GASKET              | 1    |     |     |     |     |     |   |   |
| 18  | 1    | 26106-080162 | BOLT, M8X 16 PLATED | 3    |     |     |     |     |     |   |   |
| 19  | 1    | 26106-080602 | BOLT, M8X 60 PLATED | 3    |     |     |     |     |     |   |   |
| 20  | 1    | 129155-42350 | V-PULLEY            | 1    |     |     |     |     |     |   |   |
| 21  | 1    | 25132-003800 | V-BELT, A38         | 1    |     |     |     |     |     |   |   |
| 22  | 1    | 129110-44740 | FAN, COOLING D390   | 1    |     |     |     |     |     |   |   |
| 23  | 1    | 26106-080122 | BOLT, M8X 12 PLATED | 1    |     |     |     |     |     |   |   |
| 24  | 1    | 129155-49801 | THERMOSTAT, 71      | 1    |     |     |     |     |     |   |   |
| 25  | 1    | 129150-49811 | GASKET, THERMOSTAT  | 1    |     |     |     |     |     |   |   |
| 26  | 1    | 129350-49530 | COVER, THERMOSTAT   | 1    |     |     |     |     |     |   |   |
| 27  | 1    | 129795-49551 | GASKET              | 1    |     |     |     |     |     |   |   |
| 28  | 1    | 26106-080222 | BOLT, M8X 22 PLATED | 2    |     |     |     |     |     |   |   |
| 29  | 1    | 23414-080000 | GASKET, 8X1.0       | 1    |     |     |     |     |     |   |   |
| 30  | 1    | 129004-49610 | PIPE ASSY, WATER    | 1    |     |     |     |     |     |   |   |
| 31  | 2    | 129004-49711 | PIPE ASSY, WATER    | 1    |     |     |     |     |     |   |   |
| 32  | 2    | 119802-49730 | RETAINER, PIPE      | 1    |     |     |     |     |     |   |   |
| 33  | 2    | 124722-59050 | CLIP, HOSE 9        | 2    |     |     |     |     |     |   |   |
| 34  | 1    | 129004-49620 | PIPE ASSY, WATER    | 1    |     |     |     |     |     |   |   |
| 35  | 2    | 129004-49721 | PIPE ASSY, WATER    | 1    |     |     |     |     |     |   |   |
| 36  | 2    | 124722-59050 | CLIP, HOSE 9        | 2    |     |     |     |     |     |   |   |
| 37  | 1    | 26106-080452 | BOLT, M8X 45 PLATED | 1    |     |     |     |     |     |   |   |
| 38  | 1    | 124465-44950 | GASKET, 16          | 2    |     |     |     |     |     |   |   |
| 39  | 1    | 121450-42450 | PLUG, M16           | 1    |     |     |     |     |     |   |   |
| 40  | 1    | 119843-44900 | SWITCH, 110         | 1    |     |     |     |     |     |   |   |

Fig.13. FUEL INJECTION PUMP



Remarks  
(1) GOVERNOR ASSY(FIG.14) IS  
INCORPORATED IN THIS FOP.CMP  
(REF.NO.1).

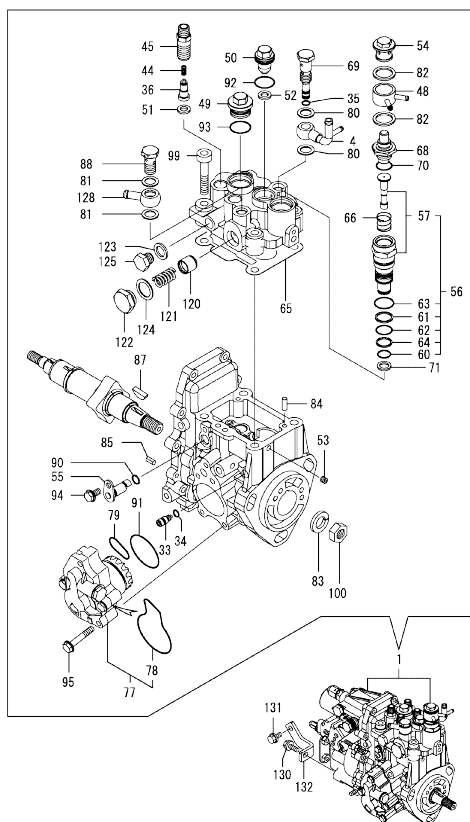
(A)=4TNV84T-DFM  
(B)=  
(C)=

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

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 729508-51330 | PUMP ASSY, INJECTION | 1    |     |     |     |     |     |   | 1 |
| 4   | 2    | 158552-51670 | JOINT, OVER FLOW     | 1    |     |     |     |     |     |   |   |
| 33  | 2    | 158600-51270 | STOPPER, TAPPET      | 1    |     |     |     |     |     |   |   |
| 34  | 2    | 158563-51281 | O-RING, 4D S6        | 1    |     |     |     |     |     |   |   |
| 35  | 2    | 158563-51281 | O-RING, 4D S6        | 1    |     |     |     |     |     |   |   |
| 36  | 2    | 158560-51300 | VALVE ASSY, DELIVERY | 4    |     |     |     |     |     |   |   |
| 44  | 2    | 158563-51330 | SPRING, DELIVERY     | 4    |     |     |     |     |     |   |   |
| 45  | 2    | 158601-51340 | HOLDER, DELIVERY     | 4    |     |     |     |     |     |   |   |
| 48  | 2    | 158553-51551 | JOINT                | 1    |     |     |     |     |     |   |   |
| 49  | 2    | 158601-51550 | PLUG                 | 1    |     |     |     |     |     |   |   |
| 50  | 2    | 119802-51560 | PLUG, BARREL         | 1    |     |     |     |     |     |   |   |
| 51  | 2    | 158552-51570 | GASKET               | 4    |     |     |     |     |     |   |   |
| 52  | 2    | 158552-51570 | GASKET               | 1    |     |     |     |     |     |   |   |
| 53  | 2    | 158557-51570 | PLUG                 | 1    |     |     |     |     |     |   |   |
| 54  | 2    | 158601-51570 | PLUG                 | 1    |     |     |     |     |     |   |   |
| 55  | 2    | 158552-51580 | LIFTER               | 1    |     |     |     |     |     |   |   |
| 56  | 2    | 119802-51590 | TIMER SET            | 1    |     |     |     |     |     |   |   |
| 57  | 3    | 119802-51600 | TIMER ASSY           | 1    |     |     |     |     |     |   |   |
| 60  | 3    | 158553-51670 | O-RING, 1011         | 1    |     |     |     |     |     |   |   |
| 61  | 3    | 119802-51680 | RING, BACK UP        | 1    |     |     |     |     |     |   |   |
| 62  | 3    | 119802-51690 | O-RING               | 1    |     |     |     |     |     |   |   |
| 63  | 3    | 24356-010200 | O-RING, 4D1020       | 1    |     |     |     |     |     |   |   |
| 64  | 3    | 24372-000150 | RING, BACK UP T2P15  | 1    |     |     |     |     |     |   |   |
| 65  | 2    | 158552-51600 | GASKET               | 1    |     |     |     |     |     |   |   |
| 66  | 2    | 158553-51630 | SPRING, TIMER        | 1    |     |     |     |     |     |   |   |
| 68  | 2    | 158553-51640 | ELEMENT              | 1    |     |     |     |     |     |   |   |
| 69  | 2    | 158601-51650 | JOINT, OVER FLOW     | 1    |     |     |     |     |     |   |   |
| 70  | 2    | 158553-51660 | O-RING, P14          | 1    |     |     |     |     |     |   |   |
| 71  | 2    | 158553-51680 | GASKET               | 1    |     |     |     |     |     |   |   |
| 77  | 2    | 158552-52150 | PUMP ASSY, FUEL FEED | 1    |     |     |     |     |     |   |   |
| 78  | 3    | 158552-52500 | O-RING               | 1    |     |     |     |     |     |   |   |
| 79  | 2    | 158552-52310 | O-RING               | 1    |     |     |     |     |     |   |   |
| 80  | 2    | 22190-120002 | WASHER, SEAL 12      | 2    |     |     |     |     |     |   |   |
| 81  | 2    | 22190-120002 | WASHER, SEAL 12      | 2    |     |     |     |     |     |   |   |
| 82  | 2    | 22190-180002 | WASHER, SEAL 18      | 2    |     |     |     |     |     |   |   |
| 83  | 2    | 22217-140000 | WASHER, SPRING 14    | 1    |     |     |     |     |     |   |   |
| 84  | 2    | 22312-050140 | PIN, PARALLEL M5X14  | 2    |     |     |     |     |     |   |   |
| 85  | 2    | 22351-050010 | PIN, SPRING 5.0X10   | 2    |     |     |     |     |     |   |   |
| 87  | 2    | 119802-51090 | KEY, 4X16            | 1    |     |     |     |     |     |   |   |
| 88  | 2    | 23857-060000 | BOLT, JOINT 6        | 1    |     |     |     |     |     |   |   |
| 90  | 2    | 24311-000070 | O-RING, 1AP7.0       | 1    |     |     |     |     |     |   |   |
| 91  | 2    | 158552-52400 | O-RING, 4E S42       | 1    |     |     |     |     |     |   |   |
| 92  | 2    | 24356-010180 | O-RING, 4D1018       | 1    |     |     |     |     |     |   |   |
| 93  | 2    | 24356-010200 | O-RING, 4D1020       | 1    |     |     |     |     |     |   |   |
| 94  | 2    | 26106-060102 | BOLT, M6X 10 PLATED  | 1    |     |     |     |     |     |   |   |
| 95  | 2    | 158553-51770 | BOLT                 | 4    |     |     |     |     |     |   |   |
| 99  | 2    | 26450-080452 | BOLT, M8X 45         | 4    |     |     |     |     |     |   |   |
| 100 | 2    | 26776-140002 | NUT, LOCK M14        | 1    |     |     |     |     |     |   |   |
| 120 | 2    | 158601-51770 | PISTON               | 1    |     |     |     |     |     |   |   |
| 121 | 2    | 158552-51780 | SPRING               | 1    |     |     |     |     |     |   |   |
| 122 | 2    | 158601-51790 | PLUG                 | 1    |     |     |     |     |     |   |   |

N:Old  $\frac{NBS}{100}$  New, Q:Old  $\frac{QBS}{100}$  New, R:Old  $\frac{RBS}{100}$  New, S:Old  $\frac{SBS}{100}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
++ CONTINUE ++  
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Fig.13. FUEL INJECTION PUMP



Remarks  
(1) GOVERNOR ASSY(FIG.14) IS  
INCORPORATED IN THIS FOP.CMP  
(REF.NO.1).

0CW10-M10400 Fig.13

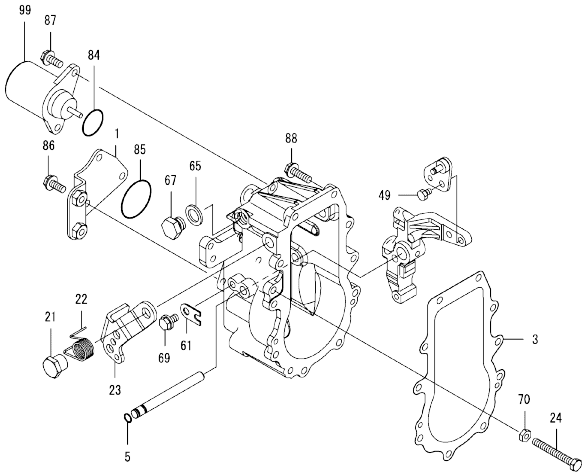
(A)=4TNV84T-DFM  
(B)=  
(C)=

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

| No. | Lev. | Parts No.    | Description         | (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|-----|------|--------------|---------------------|-----|-----|-----|-----|-----|-----|---|---|
| 123 | 2    | 22190-120002 | WASHER, SEAL 12     | 1   |     |     |     |     |     |   |   |
| 124 | 2    | 22190-180002 | WASHER, SEAL 18     | 1   |     |     |     |     |     |   |   |
| 125 | 2    | 23887-120002 | PLUG, 12            | 1   |     |     |     |     |     |   |   |
| 128 | 2    | 129916-59020 | JOINT, PIPE 12      | 1   |     |     |     |     |     |   |   |
| 130 | 1    | 26106-080202 | BOLT, M8X 20 PLATED | 1   |     |     |     |     |     |   |   |
| 131 | 1    | 26106-080302 | BOLT, M8X 30 PLATED | 1   |     |     |     |     |     |   |   |
| 132 | 1    | 129508-51250 | RETAINER, PUMP      | 1   |     |     |     |     |     |   |   |

N:Old <sup>Yes</sup>/<sub>No</sub> New. Q:Old <sup>No</sup>/<sub>Yes</sub> New. R:Old <sup>Yes</sup>/<sub>Yes</sub> New. S:Old <sup>No</sup>/<sub>No</sub> New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

Fig.14. GOVERNOR



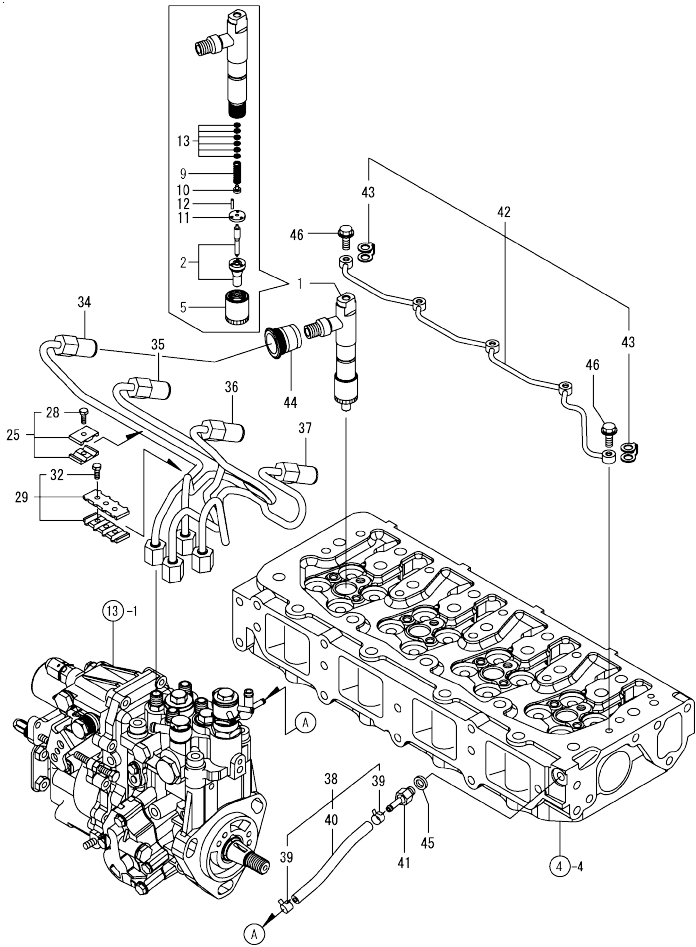
Remarks  
\* THIS FIGURE(GOVERNOR ASSY)IS  
INCORPORATED IN THE FUEL INJECTION  
PUMP ASSY(FIG.13).

(A)=4TNV84T-DFM  
(B)=  
(C)=

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

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 2    | 129044-61060 | COVER, GOVERNOR CASE | 1    |     |     |     |     |     |   |   |
| 3   | 2    | 158553-61050 | GASKET               | 1    |     |     |     |     |     |   |   |
| 5   | 2    | 129155-51280 | O-RING, S6           | 1    |     |     |     |     |     |   |   |
| 21  | 2    | 129255-61410 | NUT, LOCK            | 1    |     |     |     |     |     |   |   |
| 22  | 2    | 119807-61420 | SPRING, RETURN       | 1    |     |     |     |     |     |   |   |
| 23  | 2    | 158552-61441 | LEVER, REGULATOR     | 1    |     |     |     |     |     |   |   |
| 24  | 2    | 129155-61460 | BOLT, IDLE           | 1    |     |     |     |     |     |   |   |
| 49  | 2    | 26116-060102 | BOLT, M6X 10 PLATED  | 1    |     |     |     |     |     |   |   |
| 61  | 2    | 119660-61901 | RETAINER, SHAFT      | 1    |     |     |     |     |     |   |   |
| 65  | 2    | 22190-120000 | WASHER, SEAL 12      | 1    |     |     |     |     |     |   |   |
| 67  | 2    | 23887-120002 | PLUG, 12             | 1    |     |     |     |     |     |   |   |
| 69  | 2    | 26106-060102 | BOLT, M6X 10 PLATED  | 1    |     |     |     |     |     |   |   |
| 70  | 2    | 26756-060002 | NUT, LOCK M6         | 1    |     |     |     |     |     |   |   |
| 84  | 2    | 158552-61900 | O-RING               | 1    |     |     |     |     |     |   |   |
| 85  | 2    | 24341-000360 | O-RING, 1AS36.0      | 1    |     |     |     |     |     |   |   |
| 86  | 2    | 26106-060102 | BOLT, M6X 10 PLATED  | 3    |     |     |     |     |     |   |   |
| 87  | 2    | 26106-060142 | BOLT, M6X 14 PLATED  | 2    |     |     |     |     |     |   |   |
| 88  | 2    | 26106-060202 | BOLT, M6X 20 PLATED  | 10   |     |     |     |     |     |   |   |
| 99  | 2    | 119653-77950 | SOLENOID, STOP       | 1    |     |     |     |     |     |   |   |

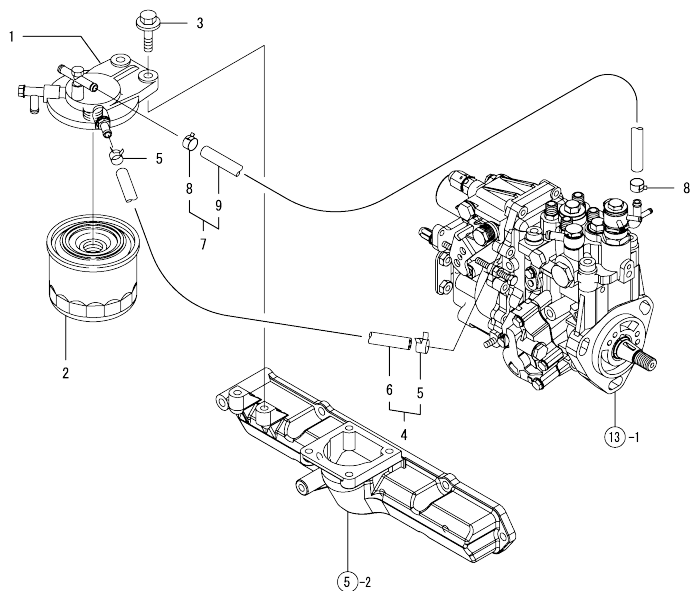
Fig.15. FUEL INJECTION VALVE



(A)=4TNV84T-DFM  
(B)=  
(C)=

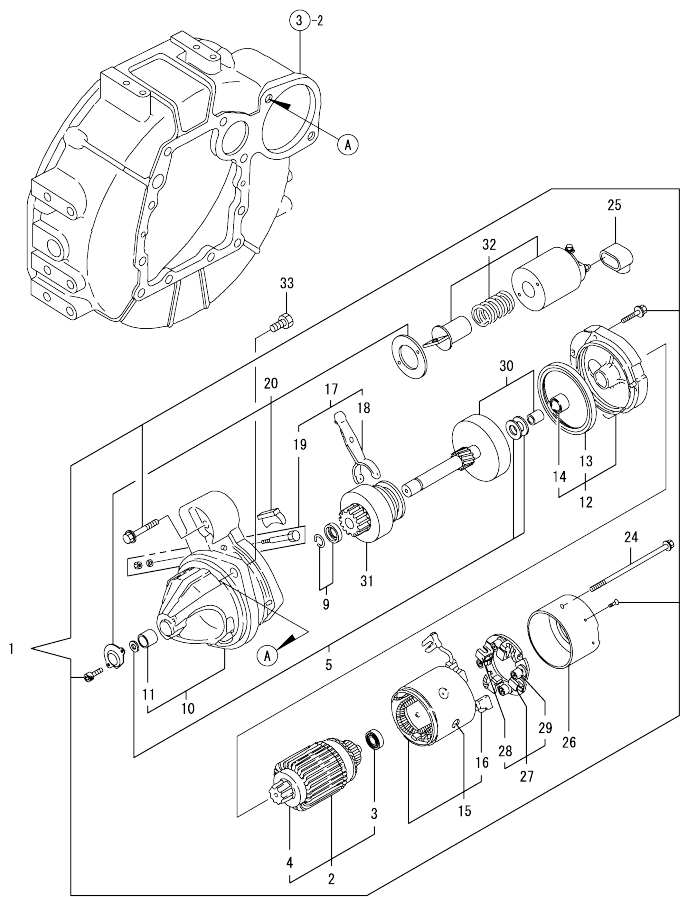
(D)=  
(E)=  
(F)=

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 729508-53100 | VALVE ASSY,INJECTION | 4    |     |     |     |     |     |   |   |
| 2   | 2    | 129508-53000 | VALVE ASSY,INJECTION | 4    |     |     |     |     |     |   |   |
| 5   | 2    | 114250-53080 | NUT, NOZZLE D16.95   | 4    |     |     |     |     |     |   |   |
| 9   | 2    | 114250-53120 | SPRING, NOZZLE       | 4    |     |     |     |     |     |   |   |
| 10  | 2    | 114250-53130 | SEAT, SPRING         | 4    |     |     |     |     |     |   |   |
| 11  | 2    | 114250-53140 | PLATE                | 4    |     |     |     |     |     |   |   |
| 12  | 2    | 114250-53210 | PIN                  | 8    |     |     |     |     |     |   |   |
| 13  | 2    | 114250-53400 | SHIM SET             | 4    |     |     |     |     |     |   |   |
| 25  | 1    | 119305-59120 | RETAINER, PIPE       | 2    |     |     |     |     |     |   |   |
| 28  | 2    | 129150-59131 | BOLT, M4X14          | 2    |     |     |     |     |     |   |   |
| 29  | 1    | 129550-59120 | RETAINER, PIPE       | 1    |     |     |     |     |     |   |   |
| 32  | 2    | 129150-59131 | BOLT, M4X14          | 2    |     |     |     |     |     |   |   |
| 34  | 1    | 129508-59910 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 35  | 1    | 129508-59920 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 36  | 1    | 129508-59930 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 37  | 1    | 129508-59940 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 38  | 1    | 129508-59570 | PIPE ASSY, RETURN    | 1    |     |     |     |     |     |   |   |
| 39  | 2    | 124722-59050 | CLIP, HOSE 9         | 2    |     |     |     |     |     |   |   |
| 40  | 2    | 129508-59510 | PIPE, FUEL RETURN    | 1    |     |     |     |     |     |   |   |
| 41  | 1    | 123907-59560 | JOINT                | 1    |     |     |     |     |     |   |   |
| 42  | 1    | 129508-59550 | PIPE ASSY, RETURN    | 1    |     |     |     |     |     |   |   |
| 43  | 2    | 123907-59550 | GASKET               | 5    |     |     |     |     |     |   |   |
| 44  | 1    | 123907-11601 | SEAL                 | 4    |     |     |     |     |     |   |   |
| 45  | 1    | 22190-080002 | WASHER, SEAL 6       | 1    |     |     |     |     |     |   |   |
| 46  | 1    | 123907-59540 | BOLT, PIPE JOINT M6  | 5    |     |     |     |     |     |   |   |



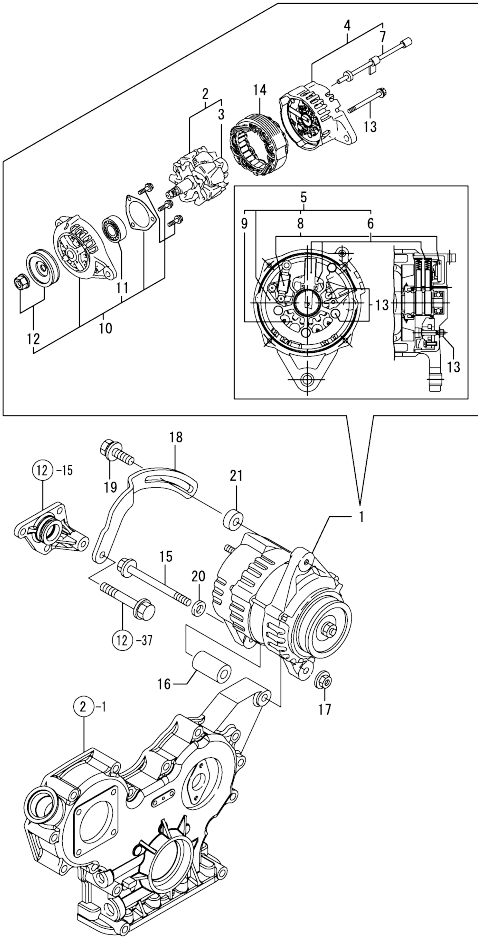
| No. | Lev. | Parts No.    | Description         | Q'ty |     |     | I | R |
|-----|------|--------------|---------------------|------|-----|-----|---|---|
|     |      |              |                     | (A)  | (B) | (C) |   |   |
| 1   | 1    | 129004-55612 | BRACKET, FILTER     | 1    |     |     |   |   |
| 2   | 1    | 119802-55801 | FILTER, FUEL        | 1    |     |     |   |   |
| 3   | 1    | 26106-080302 | BOLT, M8X 30 PLATED | 2    |     |     |   |   |
| 4   | 1    | 129210-59110 | PIPE ASSY, FUEL     | 1    |     |     |   |   |
| 5   | 2    | 124766-59050 | CLIP, HOSE 12       | 2    |     |     |   |   |
| 6   | 2    | 105025-59560 | PIPE, FUEL          | 1    |     |     |   |   |
| 7   | 1    | 129210-59160 | PIPE ASSY, FUEL     | 1    |     |     |   |   |
| 8   | 2    | 124766-59050 | CLIP, HOSE 12       | 2    |     |     |   |   |
| 9   | 2    | 129612-59520 | PIPE, FUEL          | 1    |     |     |   |   |

0CW10-M10400 4TNV84T-DFM  
Fig.17. STARTING MOTOR



|     |      |              |                      | 0CW10-M10400 Fig.17             |     |     |                      |     |     |   |   |
|-----|------|--------------|----------------------|---------------------------------|-----|-----|----------------------|-----|-----|---|---|
|     |      |              |                      | (A)=4TNV84T-DFM<br>(B)=<br>(C)= |     |     | (D)=<br>(E)=<br>(F)= |     |     |   |   |
| No. | Lev. | Parts No.    | Description          | Q'ty                            |     |     |                      |     |     | I | R |
|     |      |              |                      | (A)                             | (B) | (C) | (D)                  | (E) | (F) |   |   |
| 1   | 1    | 129612-77011 | STARTER, 24V         | 1                               |     |     |                      |     |     |   |   |
| 2   | 2    | 124617-77110 | ARMATURE ASSY        | 1                               |     |     |                      |     |     |   |   |
| 3   | 3    | 121254-77410 | BALL BEARING         | 1                               |     |     |                      |     |     |   |   |
| 4   | 3    | 121254-77420 | BALL BEARING         | 1                               |     |     |                      |     |     |   |   |
| 5   | 2    | 121254-77430 | WASHER KIT, THRUST   | 1                               |     |     |                      |     |     |   |   |
| 9   | 2    | X2250710500  | STOPPER SET          | 1                               |     |     |                      |     |     |   |   |
| 10  | 2    | 129612-77510 | CASE ASSY, GEAR      | 1                               |     |     |                      |     |     |   |   |
| 11  | 3    | X2250360100  | BEARING              | 1                               |     |     |                      |     |     |   |   |
| 12  | 2    | 129612-77520 | CENTER BEARING ASSY  | 1                               |     |     |                      |     |     |   |   |
| 13  | 3    | 121254-77610 | SEAL, OIL            | 1                               |     |     |                      |     |     |   |   |
| 14  | 3    | X2250145100  | BEARING, NEEDLE      | 1                               |     |     |                      |     |     |   |   |
| 15  | 2    | 129612-77530 | COIL ASSY, FIELD     | 1                               |     |     |                      |     |     |   |   |
| 16  | 3    | X2250532200  | BRUSH, +             | 1                               |     |     |                      |     |     |   |   |
| 17  | 2    | 121254-77700 | LEVER SET, SHIFT     | 1                               |     |     |                      |     |     |   |   |
| 18  | 3    | 121254-77710 | LEVER, SHIFT         | 1                               |     |     |                      |     |     |   |   |
| 19  | 3    | 121254-77720 | PIN                  | 1                               |     |     |                      |     |     |   |   |
| 20  | 2    | 121254-77730 | DUST COVER SET       | 1                               |     |     |                      |     |     |   |   |
| 24  | 2    | 121254-77770 | BOLT, THROUGH        | 2                               |     |     |                      |     |     |   |   |
| 25  | 2    | 121254-77810 | COVER, TERMINAL      | 1                               |     |     |                      |     |     |   |   |
| 26  | 2    | X2250130120  | COVER                | 1                               |     |     |                      |     |     |   |   |
| 27  | 2    | X2250731000  | HOLDER ASSY, BRUSH   | 1                               |     |     |                      |     |     |   |   |
| 28  | 3    | X2250532300  | BRUSH, -             | 2                               |     |     |                      |     |     |   |   |
| 29  | 3    | 121254-77590 | SPRING               | 4                               |     |     |                      |     |     |   |   |
| 30  | 2    | X2250411300  | SHAFT, GEAR          | 1                               |     |     |                      |     |     |   |   |
| 31  | 2    | X2250950050  | PINION               | 1                               |     |     |                      |     |     |   |   |
| 32  | 2    | X2250970070  | SWITCH ASSY          | 1                               |     |     |                      |     |     |   |   |
| 33  | 1    | 26116-120252 | BOLT, M12X 25 PLATED | 2                               |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
|     |      |              |                      |                                 |     |     |                      |     |     |   |   |
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Fig.18. GENERATOR



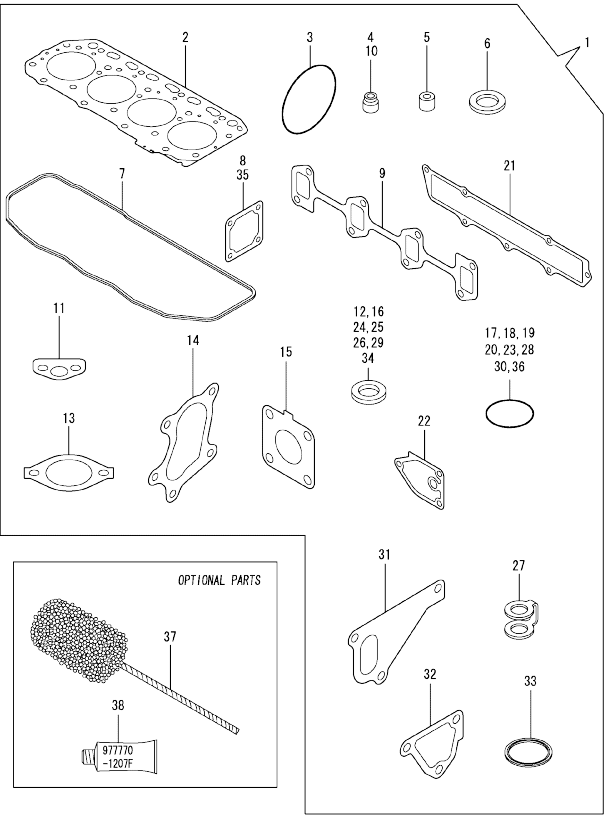
(A)=4TNV84T-DFM  
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|            |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 129900-77240 | AC GENERATOR         | 1    |     |     |     |     |     |   |   |
| 1-1        | 1    | 129900-77241 | GENERATOR, AC 24V35A | 1    |     |     |     |     |     | N |   |
| (A=EXXXXX) |      |              |                      |      |     |     |     |     |     |   |   |
| 2          | 2    | 129900-77800 | ROTOR ASSY           | 1    |     |     |     |     |     |   |   |
| 3          | 3    | 129900-77810 | BEARING, BALL        | 1    |     |     |     |     |     |   |   |
| 4          | 2    | 129900-77980 | BRACKET ASSY, REAR   | 1    |     |     |     |     |     |   |   |
| 4-1        | 2    | 123900-77820 | BRACKET ASY          | 1    |     |     |     |     |     | N |   |
| (A=EXXXXX) |      |              |                      |      |     |     |     |     |     |   |   |
| 5          | 3    | 129900-77970 | RECTIFIER ASSY       | 1    |     |     |     |     |     |   |   |
| 6          | 4    | 129900-77940 | HOLDER, BRUSH        | 1    |     |     |     |     |     |   |   |
| 7          | 4    | 129900-77860 | LEAD WIRE ASSY       | 1    |     |     |     |     |     |   |   |
| 8          | 4    | 129900-77950 | REGULATOR            | 1    |     |     |     |     |     |   |   |
| 9          | 4    | 129900-77960 | DIODE ASSY           | 1    |     |     |     |     |     |   |   |
| 10         | 2    | 129900-77890 | BRACKET ASSY         | 1    |     |     |     |     |     |   |   |
| 11         | 3    | 129900-77900 | BEARING, BALL        | 1    |     |     |     |     |     |   |   |
| 12         | 3    | 129900-77910 | PULLEY               | 1    |     |     |     |     |     |   |   |
| 13         | 3    | 129900-77920 | SCREW KIT            | 1    |     |     |     |     |     |   |   |
| 14         | 2    | 129900-77930 | STATOR ASSY          | 1    |     |     |     |     |     |   |   |
| 15         | 1    | 26116-101202 | BOLT, M10X120 PLATED | 1    |     |     |     |     |     |   |   |
| 16         | 1    | 129002-77340 | PIECE, DISTANCE      | 1    |     |     |     |     |     |   |   |
| 17         | 1    | 26306-100002 | NUT, M10             | 1    |     |     |     |     |     |   |   |
| 18         | 1    | 129646-77330 | ADJUSTER             | 1    |     |     |     |     |     |   |   |
| 19         | 1    | 119810-77340 | BOLT, ADJUSTER       | 1    |     |     |     |     |     |   |   |
| 20         | 1    | 22137-100000 | WASHER, 10           | 1    |     |     |     |     |     |   |   |
| 21         | 1    | 119940-77270 | SPACER, GENERATOR    | 1    |     |     |     |     |     |   |   |



Fig.19. GASKET SET



Remarks  
(1) OPTIONAL PARTS.

| No. | Lev. | Parts No.    | Description        | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|--------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                    | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 729508-92740 | GASKET SET         | 1    |     |     |     |     |     |   | 1 |
| 2   | 2    | 129508-01330 | GASKET, HEAD       | 1    |     |     |     |     |     |   |   |
| 3   | 2    | 121850-51960 | O-RING             | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 119717-11340 | SEAL, VALVE STEM   | 8    |     |     |     |     |     |   |   |
| 5   | 2    | 119802-11870 | PROTECTOR, NOZZLE  | 4    |     |     |     |     |     |   |   |
| 6   | 2    | 119625-11880 | SEAT, NOZZLE       | 4    |     |     |     |     |     |   |   |
| 7   | 2    | 129508-11310 | GASKET, BONNET     | 1    |     |     |     |     |     |   |   |
| 8   | 2    | 129100-77510 | GASKET             | 1    |     |     |     |     |     |   |   |
| 9   | 2    | 129550-13110 | GASKET             | 1    |     |     |     |     |     |   |   |
| 10  | 2    | 119717-11350 | SEAL, VALVE STEM   | 8    |     |     |     |     |     |   |   |
| 11  | 2    | 129150-35042 | GASKET             | 1    |     |     |     |     |     |   |   |
| 12  | 2    | 22190-160000 | WASHER, SEAL 16    | 1    |     |     |     |     |     |   |   |
| 13  | 2    | 129795-49551 | GASKET             | 1    |     |     |     |     |     |   |   |
| 14  | 2    | 129508-18090 | GASKET             | 1    |     |     |     |     |     |   |   |
| 15  | 2    | 129508-18080 | GASKET             | 1    |     |     |     |     |     |   |   |
| 16  | 2    | 22190-080002 | WASHER, SEAL 6     | 3    |     |     |     |     |     |   |   |
| 17  | 2    | 24311-000120 | O-RING, 1AP12.0    | 3    |     |     |     |     |     |   |   |
| 18  | 2    | 24311-000320 | O-RING, 1AP32.0    | 2    |     |     |     |     |     |   |   |
| 19  | 2    | 24341-000240 | O-RING, 1AS24.0    | 1    |     |     |     |     |     |   |   |
| 20  | 2    | 24316-000160 | O-RING, 4DP16.0    | 1    |     |     |     |     |     |   |   |
| 21  | 2    | 129508-12110 | GASKET, MANIFOLD   | 1    |     |     |     |     |     |   |   |
| 22  | 2    | 129150-35111 | GASKET             | 1    |     |     |     |     |     |   |   |
| 23  | 2    | 119609-32040 | O-RING, P16        | 4    |     |     |     |     |     |   |   |
| 24  | 2    | 22190-100002 | WASHER, SEAL 10    | 2    |     |     |     |     |     |   |   |
| 25  | 2    | 23414-080000 | GASKET, 8X1.0      | 1    |     |     |     |     |     |   |   |
| 26  | 2    | 22190-220002 | WASHER, SEAL 22    | 1    |     |     |     |     |     |   |   |
| 27  | 2    | 123907-59550 | GASKET             | 5    |     |     |     |     |     |   |   |
| 28  | 2    | 24341-000400 | O-RING, 1AS40.0    | 1    |     |     |     |     |     |   |   |
| 29  | 2    | 23414-100000 | GASKET, 10X1.0     | 2    |     |     |     |     |     |   |   |
| 30  | 2    | 129486-42140 | O-RING, G30        | 1    |     |     |     |     |     |   |   |
| 31  | 2    | 129486-42021 | GASKET, WATER PUMP | 1    |     |     |     |     |     |   |   |
| 32  | 2    | 124395-49840 | GASKET             | 1    |     |     |     |     |     |   |   |
| 33  | 2    | 129150-49811 | GASKET, THERMOSTAT | 1    |     |     |     |     |     |   |   |
| 34  | 2    | 124465-44950 | GASKET, 16         | 2    |     |     |     |     |     |   |   |
| 35  | 2    | 129150-77511 | GASKET             | 1    |     |     |     |     |     |   |   |
| 36  | 2    | 24314-000160 | O-RING, 4CP16.0    | 1    |     |     |     |     |     |   |   |
| 37  | 1    | 129400-92420 | HONE               | 1    |     |     |     |     |     |   | 1 |
| 38  | 1    | 977770-1207F | GASKET,LIQUID      | 1    |     |     |     |     |     |   | 1 |

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| 114250-39450 | 10       | 7        |
| 114250-53080 | 15       | 5        |
| 114250-53120 | 15       | 9        |
| 114250-53130 | 15       | 10       |
| 114250-53140 | 15       | 11       |
| 114250-53210 | 15       | 12       |
| 114250-53400 | 15       | 13       |
| 119131-18320 | 6        | 3        |
| 119305-59120 | 15       | 25       |
| 119609-32040 | 2        | 19       |
|              | 19       | 23       |
| 119620-01750 | 3        | 3        |
| 119625-11880 | 4        | 27       |
|              | 19       | 6        |
| 119640-01640 | 3        | 9        |
| 119653-77950 | 14       | 99       |
| 119660-61901 | 14       | 61       |
| 119717-11190 | 4        | 24       |
| 119717-11340 | 4        | 18       |
|              | 19       | 4        |
| 119717-11350 | 4        | 19       |
|              | 19       | 10       |
| 119717-11800 | 4        | 11       |
| 119802-01520 | 2        | 14       |
| 119802-01561 | 2        | 15       |
| 119802-03070 | 4        | 51       |
| 119802-11870 | 4        | 46       |
|              | 19       | 5        |
| 119802-13650 | 6        | 4        |
| 119802-13670 | 6        | 5        |
| 119802-13820 | 6        | 6 -1     |
| 119802-21202 | 9        | 5        |
| 119802-21660 | 9        | 9        |
| 119802-25051 | 7        | 9        |
| 119802-25071 | 7        | 13       |
| 119802-25101 | 7        | 10       |
| 119802-25901 | 7        | 15       |
| 119802-32070 | 2        | 10       |
| 119802-32100 | 2        | 9        |
| 119802-32130 | 2        | 22       |
| 119802-39500 | 11       | 10       |
| 119802-49113 | 12       | 10       |
| 119802-49730 | 12       | 32       |
| 119802-51090 | 13       | 87       |
| 119802-51560 | 13       | 50       |
| 119802-51590 | 13       | 56       |
| 119802-51600 | 13       | 57       |
| 119802-51680 | 13       | 61       |

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| 119807-11770 | 4        | 59       |
| 119807-61420 | 14       | 22       |
| 119810-77340 | 18       | 19       |
| 119843-44900 | 12       | 40       |
| 119934-01800 | 2        | 3        |
| 119940-59130 | 10       | 33       |
| 119940-77270 | 18       | 21       |
| 121023-01551 | 2        | 30       |
| 121027-11743 | 2        | 7        |
| 121111-21501 | 9        | 12       |
| 121252-39150 | 11       | 8        |
| 121254-77410 | 17       | 3        |
| 121254-77420 | 17       | 4        |
| 121254-77430 | 17       | 5        |
| 121254-77590 | 17       | 29       |
| 121254-77610 | 17       | 13       |
| 121254-77700 | 17       | 17       |
| 121254-77710 | 17       | 18       |
| 121254-77720 | 17       | 19       |
| 121254-77730 | 17       | 20       |
| 121254-77770 | 17       | 24       |
| 121254-77810 | 17       | 25       |
| 121450-42450 | 12       | 39       |
| 121520-34810 | 10       | 2        |
| 121550-23200 | 9        | 30       |
| 121850-21680 | 9        | 11       |
| 121850-42410 | 12       | 8        |
| 121850-51960 | 2        | 23       |
|              | 19       | 3        |
| 123900-77820 | 18       | 4 -1     |
| 123901-39820 | 11       | 14       |
| 123907-11550 | 4        | 3        |
| 123907-11601 | 15       | 44       |
| 123907-11830 | 4        | 23       |
| 123907-59540 | 15       | 46       |
| 123907-59550 | 15       | 43       |
|              | 19       | 27       |
| 123907-59560 | 15       | 41       |
| 124060-01050 | 1        | 10       |
| 124070-13300 | 11       | 12       |
| 124085-35350 | 10       | 19 -2    |
| 124160-01751 | 2        | 16       |
| 124160-01910 | 1        | 5        |
|              |          | 15       |
| 124160-11360 | 4        | 60       |
| 124160-39140 | 11       | 1        |
| 124223-39900 | 11       | 11       |
| 124240-01871 | 2        | 17       |

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| 124395-49840 | 12       | 17       |
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| 124465-44950 | 12       | 38       |
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| 124550-21600 | 9        | 16       |
| 124617-77110 | 17       | 2        |
| 124722-59050 | 12       | 33       |
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|              | 15       | 39       |
| 124766-59050 | 16       | 5        |
|              |          | 8        |
| 129001-01250 | 1        | 11       |
| 129001-02931 | 1        | 25       |
| 129001-32330 | 2        | 13       |
| 129001-91841 | 2        | 24       |
| 129002-77340 | 18       | 16       |
| 129004-01190 | 1        | 33       |
| 129004-22500 | 9        | 19       |
| 129004-22950 | 9        | 35       |
| 129004-42040 | 12       | 15       |
| 129004-49610 | 12       | 30       |
| 129004-49620 | 12       | 34       |
| 129004-49711 | 12       | 31       |
| 129004-49721 | 12       | 35       |
| 129004-55612 | 16       | 1        |
| 129005-34802 | 10       | 1        |
|              |          | 36       |
| 129005-59830 | 11       | 4        |
| 129006-03120 | 4        | 53       |
| 129006-35100 | 10       | 8        |
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| 129006-44480 | 10       | 14       |
| 129044-61060 | 14       | 1        |
| 129100-01580 | 3        | 1        |
|              |          | 17       |
|              | 9        | 2        |
| 129100-23910 | 9        | 29       |
| 129100-42051 | 12       | 3        |
| 129100-42121 | 12       | 4        |
| 129100-77510 | 5        | 10       |
|              | 19       | 8        |
| 129103-49301 | 10       | 15       |
| 129110-44740 | 12       | 22       |
| 129150-01200 | 1        | 31       |
| 129150-02020 | 1        | 7        |
| 129150-02450 | 7        | 4        |
| 129150-02871 | 1        | 34       |
| 129150-02931 | 1        | 28       |
| 129150-02941 | 1        | 37       |
| 129150-03070 | 4        | 52       |

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| 129150-11750 | 4        | 22       |
|              |          | 37       |
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| 129150-14101 | 7        | 7        |
| 129150-14200 | 7        | 1        |
| 129150-14400 | 7        | 2        |
| 129150-23601 | 9        | 31       |
| 129150-23611 | 9        | 39       |
| 129150-25301 | 7        | 16       |
| 129150-35042 | 10       | 3        |
|              | 19       | 11       |
| 129150-35091 | 10       | 4        |
| 129150-35111 | 10       | 12       |
|              | 19       | 22       |
| 129150-35153 | 10       | 13       |
| 129150-49811 | 12       | 25       |
|              | 19       | 33       |
| 129150-59131 | 15       | 28       |
|              |          | 32       |
| 129150-77511 | 5        | 14       |
|              | 19       | 35       |
| 129155-42350 | 12       | 20       |
| 129155-49801 | 12       | 24       |
| 129155-51280 | 14       | 5        |
| 129155-61460 | 14       | 24       |
| 129202-22300 | 9        | 23       |
| 129210-59110 | 16       | 4        |
| 129210-59160 | 16       | 7        |
| 129255-61410 | 14       | 21       |
| 129350-49530 | 12       | 26       |
| 129400-01730 | 3        | 6        |
| 129400-77501 | 5        | 9        |
| 129400-92420 | 19       | 37       |
| 129403-13120 | 6        | 2        |
| 129417-33110 | 10       | 19       |
| 129417-33111 | 10       | 19 -1    |
| 129417-35150 | 10       | 10       |
| 129418-18320 | 8        | 3        |
| 129418-32320 | 2        | 12       |
| 129486-01670 | 3        | 21       |
| 129486-42021 | 12       | 14       |
|              | 19       | 31       |
| 129486-42140 | 12       | 16       |
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| 129508-01330 | 1        | 32       |
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| 129508-11180 | 4        | 17       |
| 129508-11241 | 4        | 28       |
| 129508-11250 | 4        | 29       |
| 129508-11260 | 4        | 31       |
| 129508-11270 | 4        | 32       |
| 129508-11280 | 4        | 33       |
| 129508-11310 | 4        | 56       |
|              | 19       | 7        |
| 129508-11340 | 4        | 49       |
| 129508-11650 | 4        | 34       |
| 129508-11660 | 4        | 38       |
| 129508-11700 | 4        | 4        |
| 129508-11820 | 4        | 12       |
| 129508-11900 | 4        | 62       |
| 129508-11920 | 4        | 42       |
| 129508-12090 | 5        | 1        |
| 129508-12110 | 5        | 4        |
|              | 19       | 21       |
|              | 5        | 2        |
| 129508-12121 | 5        | 2 -1     |
| 129508-14580 | 7        | 3        |
| 129508-18010 | 8        | 1        |
| 129508-18080 | 8        | 2        |
|              | 19       | 15       |
| 129508-18090 | 8        | 6        |
|              | 19       | 14       |
| 129508-21002 | 9        | 1        |
| 129508-22080 | 9        | 17       |
| 129508-22900 | 9        | 33       |
| 129508-32111 | 2        | 20       |
| 129508-32120 | 2        | 21       |
| 129508-33010 | 10       | 17       |
| 129508-33031 | 10       | 17 -1    |
| 129508-33050 | 10       | 18       |
| 129508-33060 | 10       | 18 -1    |
| 129508-35100 | 10       | 8 -1     |
| 129508-35150 | 10       | 10 A     |
| 129508-39450 | 11       | 9        |
| 129508-39600 | 11       | 13       |
| 129508-42001 | 12       | 1        |
| 129508-49030 | 10       | 27       |
| 129508-49040 | 10       | 31       |
| 129508-51250 | 13       | 132      |
| 129508-53000 | 15       | 2        |
| 129508-59510 | 15       | 40       |
| 129508-59550 | 15       | 42       |
| 129508-59570 | 15       | 38       |

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| 129508-59930 | 15       | 36       |
| 129508-59940 | 15       | 37       |
| 129550-13110 | 6        | 1        |
|              | 19       | 9        |
| 129550-59120 | 15       | 29       |
| 129553-39650 | 10       | 5        |
| 129612-59520 | 16       | 9        |
| 129612-77011 | 17       | 1        |
| 129612-77510 | 17       | 10       |
| 129612-77520 | 17       | 12       |
| 129612-77530 | 17       | 15       |
| 129646-77330 | 18       | 18       |
| 129648-01600 | 3        | 18       |
| 129648-01780 | 3        | 20       |
| 129649-01710 | 3        | 8        |
| 129649-21590 | 9        | 13       |
| 129672-11510 | 4        | 20       |
| 129693-44310 | 6        | 6        |
| 129792-39410 | 10       | 20       |
| 129795-01950 | 2        | 18       |
| 129795-02412 | 1        | 14       |
| 129795-21661 | 9        | 10       |
| 129795-49551 | 12       | 27       |
|              | 19       | 13       |
| 129900-07900 | 4        | 1        |
| 129900-32130 | 2        | 11       |
| 129900-77240 | 18       | 1        |
| 129900-77241 | 18       | 1 -1     |
| 129900-77800 | 18       | 2        |
| 129900-77810 | 18       | 3        |
| 129900-77860 | 18       | 7        |
| 129900-77890 | 18       | 10       |
| 129900-77900 | 18       | 11       |
| 129900-77910 | 18       | 12       |
| 129900-77920 | 18       | 13       |
| 129900-77930 | 18       | 14       |
| 129900-77940 | 18       | 6        |
| 129900-77950 | 18       | 8        |
| 129900-77960 | 18       | 9        |
| 129900-77970 | 18       | 5        |
| 129900-77980 | 18       | 4        |
| 129907-11950 | 4        | 47       |
| 129916-49740 | 12       | 13       |
| 129916-59020 | 13       | 128      |
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| 158552-51570 | 13       | 51       |
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| 158552-51580 | 13       | 55       |

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| 158552-51780 | 13       | 121      |
| 158552-52150 | 13       | 77       |
| 158552-52310 | 13       | 79       |
| 158552-52400 | 13       | 91       |
| 158552-52500 | 13       | 78       |
| 158552-61441 | 14       | 23       |
| 158552-61900 | 14       | 84       |
| 158553-51551 | 13       | 48       |
| 158553-51630 | 13       | 66       |
| 158553-51640 | 13       | 68       |
| 158553-51660 | 13       | 70       |
| 158553-51670 | 13       | 60       |
| 158553-51680 | 13       | 71       |
| 158553-51770 | 13       | 95       |
| 158553-61050 | 14       | 3        |
| 158557-51570 | 13       | 53       |
| 158560-51300 | 13       | 36       |
| 158563-51281 | 13       | 34       |
|              |          | 35       |
| 158563-51330 | 13       | 44       |
| 158600-51270 | 13       | 33       |
| 158601-51340 | 13       | 45       |
| 158601-51550 | 13       | 49       |
| 158601-51570 | 13       | 54       |
| 158601-51650 | 13       | 69       |
| 158601-51770 | 13       | 120      |
| 158601-51790 | 13       | 122      |
| 171008-03990 | 10       | 28       |
| 171051-01921 | 1        | 6        |
| 171056-49120 | 10       | 26       |
| 171340-77520 | 5        | 11       |
| 171420-01600 | 3        | 2        |
| 22137-100000 | 18       | 20       |
| 22190-080002 | 11       | 2        |
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| 22190-100002 | 11       | 3        |
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| 22190-120000 | 14       | 65       |
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| 22312-050140 | 13       | 84       |
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| 22351-050010 | 13       | 85       |
| 22351-060012 | 4        | 63       |
| 22512-070140 | 7        | 8        |
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| 22857-500100 | 4        | 57       |
| 23000-025000 | 11       | 15       |
| 23000-048000 | 5        | 5        |
| 23000-060000 | 5        | 6        |
| 23080-015000 | 10       | 30       |
|              |          | 34       |
| 23080-018000 | 10       | 35       |
| 23414-080000 | 12       | 29       |
|              | 19       | 25       |
| 23414-100000 | 11       | 18       |
|              | 19       | 29       |
| 23857-030000 | 11       | 6        |
| 23857-060000 | 13       | 88       |
| 23876-010000 | 12       | 11       |
| 23876-020000 | 4        | 13       |
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| 23887-120002 | 13       | 125      |
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| 24311-000070 | 13       | 90       |
| 24311-000120 | 4        | 61       |
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|              | 19       | 17       |
| 24311-000320 | 2        | 8        |
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| 24314-000160 | 19       | 36       |
| 24316-000160 | 11       | 16       |
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| 24341-000240 | 2        | 4        |
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| 24341-000360 | 14       | 85       |
| 24341-000400 | 4        | 58       |
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| 24356-010180 | 13       | 92       |
| 24356-010200 | 13       | 63       |
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| 26106-080142 | 7        | 17       |
| 26106-080162 | 2        | 26       |
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|              | 4        | 2        |
|              | 12       | 18       |
| 26106-080202 | 5        | 7        |
|              | 10       | 11       |
|              | 13       | 130      |
| 26106-080222 | 12       | 28       |
| 26106-080252 | 3        | 15       |
|              | 4        | 44       |
| 26106-080302 | 13       | 131      |
|              | 16       | 3        |
| 26106-080352 | 3        | 22       |
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| 26106-080402 | 7        | 14       |
| 26106-080452 | 3        | 16       |
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| 26106-080502 | 3        | 24       |
|              | 4        | 45       |
| 26106-080552 | 2        | 28       |
| 26106-080602 | 5        | 12       |
|              | 12       | 19       |
| 26106-080802 | 5        | 8        |
| 26106-081002 | 5        | 13       |
| 26116-060102 | 14       | 49       |
| 26116-101202 | 18       | 15       |
| 26116-120252 | 17       | 33       |
| 26206-100252 | 3        | 4        |
| 26206-100302 | 3        | 5        |
| 26226-080352 | 4        | 43       |
| 26306-080002 | 2        | 29       |
|              | 8        | 4        |
|              |          | 5        |
| 26306-100002 | 18       | 17       |
| 26366-060002 | 11       | 19       |
| 26450-080452 | 13       | 99       |
| 26756-060002 | 14       | 70       |
| 26776-140002 | 7        | 20       |
|              | 13       | 100      |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 27241-120000 | 1        | 12       |
| 27241-300000 | 1        | 13       |
| 27241-400000 | 4        | 14       |
| 729402-23100 | 9        | 25       |
| 729508-01540 | 2        | 1        |
| 729508-01560 | 1        | 1        |
| 729508-51330 | 13       | 1        |
| 729508-53100 | 15       | 1        |
| 729508-92740 | 19       | 1        |
| 977770-1207F | 2        | 6        |
|              | 3        | 23       |
|              | 4        | 26       |
|              | 19       | 38       |
| X2250130120  | 17       | 26       |
| X2250145100  | 17       | 14       |
| X2250360100  | 17       | 11       |
| X2250411300  | 17       | 30       |
| X2250532200  | 17       | 16       |
| X2250532300  | 17       | 28       |
| X2250710500  | 17       | 9        |
| X2250731000  | 17       | 27       |
| X2250950050  | 17       | 31       |
| X2250970070  | 17       | 32       |

| Parts No. | Fig. No. | Ref. No. |
|-----------|----------|----------|
|           |          |          |