

0CD10-M77601EN

# PREFACE

1. This parts catalog is the 2nd edition of 3TNV88-XTBZ for Takeuchi Mfg. Co.,Ltd.

Pub.No. : 000Y00D7761

Published : January,2007

2. Model name

| Engine model | Vehicle  |            | Vehicle made by          |
|--------------|----------|------------|--------------------------|
|              | Products | Model name |                          |
| 3TNV88-XTBZ  | Backhoe  | F7B        | Takeuchi Mfg<br>Co.,Ltd. |

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

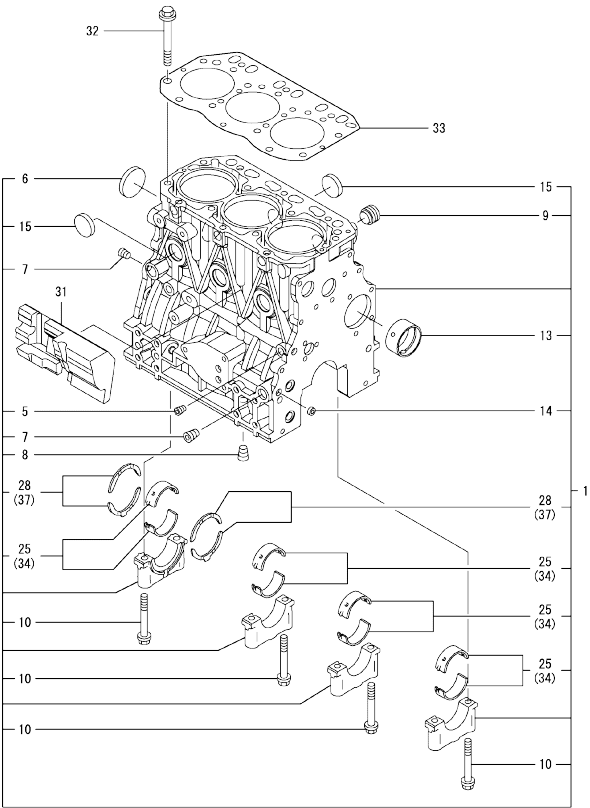
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

# Contents

| Fig. No.    | Fig. Name                      | Fig. No. | Fig. Name |
|-------------|--------------------------------|----------|-----------|
| 3TNV88-XTBZ |                                |          |           |
| 1.          | CYLINDER BLOCK                 |          |           |
| 2.          | GEAR HOUSING                   |          |           |
| 3.          | FLYWHEEL HOUSING & OIL SUMP    |          |           |
| 4.          | CYLINDER HEAD & BONNET         |          |           |
| 5.          | SUCTION MANIFOLD & AIR CLEANER |          |           |
| 6.          | EXHAUST MANIFOLD & SILENCER    |          |           |
| 7.          | CAMSHAFT & DRIVING GEAR        |          |           |
| 8.          | CRANKSHAFT & PISTON            |          |           |
| 9.          | LUB.OIL SYSTEM                 |          |           |
| 10.         | COOLING WATER SYSTEM           |          |           |
| 11.         | RADIATOR                       |          |           |
| 12.         | FUEL INJECTION PUMP            |          |           |
| 13.         | FUEL INJECTION VALVE           |          |           |
| 14.         | FUEL LINE                      |          |           |
| 15.         | STARTING MOTOR                 |          |           |
| 16.         | GENERATOR                      |          |           |
| 17.         | TOOL & GASKET SET              |          |           |
| 18.         | FUEL INJECTION PUMP(INNER PART |          |           |
| 19.         | GOVERNOR(INNER PARTS)          |          |           |

OCD10-M77601

Fig.1. CYLINDER BLOCK



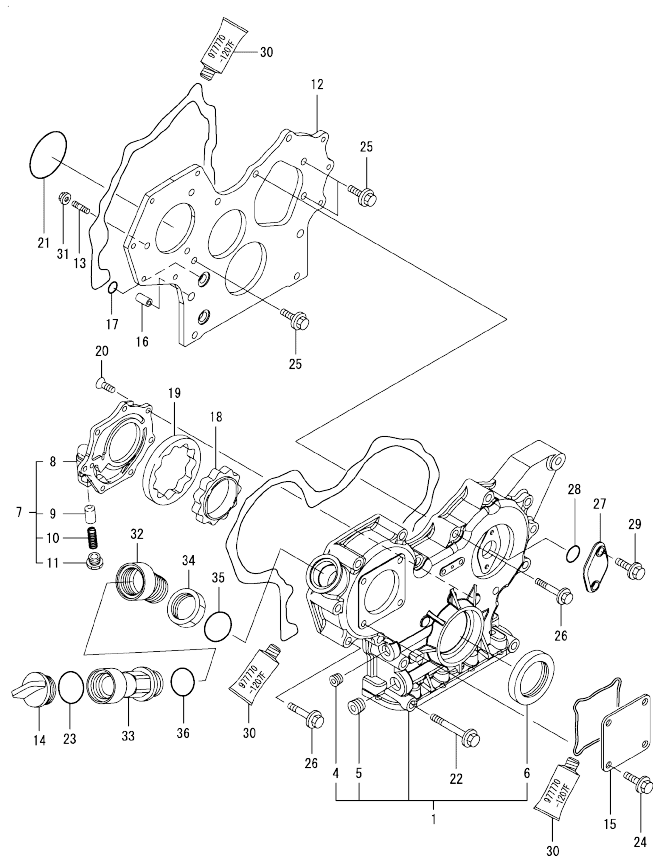
| No.        | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 729005-01560 | BLOCK ASSY, CYLINDER | 1    |     |     |     |     |     |   |   |
| 5          | 2    | 124060-01050 | PLUG, PT1/8          | 1    |     |     |     |     |     |   |   |
| 6          | 2    | 129001-01250 | PLUG, 50             | 1    |     |     |     |     |     |   |   |
| 7          | 2    | 124160-01910 | PLUG, PT1/4          | 2    |     |     |     |     |     |   |   |
| 8          | 2    | 124160-01910 | PLUG, PT1/4          | 1    |     |     |     |     |     |   |   |
| 9          | 2    | 171051-01921 | PLUG, NPTF1          | 1    |     |     |     |     |     |   |   |
| 10         | 2    | 129150-02020 | BOLT, METAL CAP      | 8    |     |     |     |     |     |   |   |
| 13         | 2    | 129795-02411 | BUSH, CAMSHAFT       | 1    |     |     |     |     |     |   |   |
| 13-1       | 2    | 129795-02412 | BUSH, CAMSHAFT       | 1    |     |     |     |     |     | N |   |
| (A=E03990) |      |              |                      |      |     |     |     |     |     |   |   |
| 14         | 2    | 27241-120000 | PLUG, 12             | 2    |     |     |     |     |     |   |   |
| 15         | 2    | 27241-300000 | PLUG 30              | 6    |     |     |     |     |     |   |   |
| 25         | 2    | 129001-02930 | BEARING, MAIN        | 4    |     |     |     |     |     |   | 3 |
| 25-1       | 2    | 129001-02931 | BEARING, MAIN        | 4    |     |     |     |     |     | N | 3 |
| (A=E03990) |      |              |                      |      |     |     |     |     |     |   |   |
| 28         | 2    | 129150-02930 | BEARING, THRUST      | 2    |     |     |     |     |     |   |   |
| 28-1       | 2    | 129150-02931 | BEARING, THRUST      | 2    |     |     |     |     |     | N |   |
| (A=E03990) |      |              |                      |      |     |     |     |     |     |   |   |
| 31         | 1    | 129004-01190 | SPACER               | 1    |     |     |     |     |     |   |   |
| 32         | 1    | 129150-01200 | BOLT, HEAD           | 14   |     |     |     |     |     |   |   |
| 33         | 1    | 129001-01340 | GASKET, HEAD         | 1    |     |     |     |     |     |   |   |
| 34         | 1    | 129150-02870 | BEARING, 0.25 US     | 4    |     |     |     |     |     |   | 1 |
| 34-1       | 1    | 129150-02871 | BEARING, 0.25 US     | 4    |     |     |     |     |     | N | 1 |
| (A=E03990) |      |              |                      |      |     |     |     |     |     |   |   |
| 37         | 1    | 129150-02940 | BEARING, THRUST 0.25 | 1    |     |     |     |     |     |   | 2 |
| 37-1       | 1    | 129150-02941 | BEARING, THRUST 0.25 | 1    |     |     |     |     |     | N | 2 |
| (A=E03990) |      |              |                      |      |     |     |     |     |     |   |   |

Remarks

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

OCD10-M77601

Fig.2. GEAR HOUSING

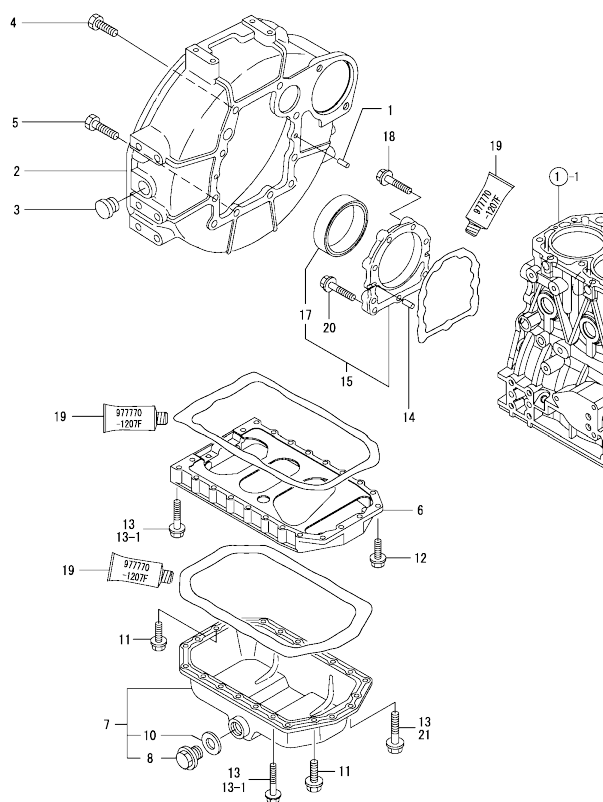


Remarks  
(1) OPTIONAL PART.

| No.        | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 729240-01500 | CASE ASSY, GEAR     | 1    |     |     |     |     |     |   |   |
| 4          | 2    | 23876-030000 | PLUG, R03           | 1    |     |     |     |     |     |   |   |
| 5          | 2    | 23876-040000 | PLUG, R04           | 1    |     |     |     |     |     |   |   |
| 6          | 2    | 129795-01800 | SEAL, OIL           | 1    |     |     |     |     |     |   |   |
| 6-1        | 2    | 119934-01800 | SEAL, OIL           | 1    |     |     |     |     |     |   | N |
| (A=E03972) |      |              |                     |      |     |     |     |     |     |   |   |
| 7          | 1    | 119802-32100 | COVER ASSY          | 1    |     |     |     |     |     |   |   |
| 8          | 2    | 119802-32070 | COVER               | 1    |     |     |     |     |     |   |   |
| 9          | 2    | 129900-32130 | VALVE, RELIEF       | 1    |     |     |     |     |     |   |   |
| 10         | 2    | 129418-32320 | SPRING              | 1    |     |     |     |     |     |   |   |
| 11         | 2    | 129001-32330 | PLUG                | 1    |     |     |     |     |     |   |   |
| 12         | 1    | 119802-01520 | FLANGE, GEAR CASE   | 1    |     |     |     |     |     |   |   |
| 13         | 1    | 119802-01560 | STUD, M8X25         | 3    |     |     |     |     |     |   |   |
| 13-1       | 1    | 119802-01561 | STUD, M8X25         | 3    |     |     |     |     |     |   | N |
| (A=E02010) |      |              |                     |      |     |     |     |     |     |   |   |
| 14         | 1    | 124160-01751 | COVER, FILLER       | 1    |     |     |     |     |     |   |   |
| 15         | 1    | 124240-01871 | COVER               | 1    |     |     |     |     |     |   |   |
| 16         | 1    | 129795-01950 | PIPE, KNOCK L=18    | 2    |     |     |     |     |     |   |   |
| 17         | 1    | 119609-32040 | O-RING, P16         | 4    |     |     |     |     |     |   |   |
| 18         | 1    | 119802-32111 | ROTOR, INNER        | 1    |     |     |     |     |     |   |   |
| 19         | 1    | 119802-32120 | ROTOR, OUTER        | 1    |     |     |     |     |     |   |   |
| 20         | 1    | 119802-32130 | SCREW, M6X16        | 7    |     |     |     |     |     |   |   |
| 21         | 1    | 121850-51960 | O-RING              | 1    |     |     |     |     |     |   |   |
| 22         | 1    | 129001-91841 | BOLT, M8X85         | 3    |     |     |     |     |     |   |   |
| 23         | 1    | 24311-000320 | O-RING, 1AP32.0     | 1    |     |     |     |     |     |   |   |
| 24         | 1    | 26106-080162 | BOLT, M8X 16 PLATED | 4    |     |     |     |     |     |   |   |
| 25         | 1    | 26106-080162 | BOLT, M8X 16 PLATED | 3    |     |     |     |     |     |   |   |
| 26         | 1    | 26106-080552 | BOLT, M8X 55 PLATED | 12   |     |     |     |     |     |   |   |
| 27         | 1    | 121023-01550 | COVER               | 1    |     |     |     |     |     |   |   |
| 27-1       | 1    | 121023-01551 | COVER               | 1    |     |     |     |     |     |   | R |
| (A=E03990) |      |              |                     |      |     |     |     |     |     |   |   |
| 28         | 1    | 24341-000240 | O-RING, 1AS24.0     | 1    |     |     |     |     |     |   |   |
| 29         | 1    | 26106-060162 | BOLT, M6X 16 PLATED | 2    |     |     |     |     |     |   |   |
| 30         | 1    | 977770-1207F | GASKET LIQUID       | 1    |     |     |     |     |     |   | 1 |
| 31         | 1    | 129612-77260 | NUT, ALTERNATOR     | 3    |     |     |     |     |     |   |   |
| 31-1       | 1    | 26306-080002 | NUT, M8             | 3    |     |     |     |     |     |   | N |
| (A=E03989) |      |              |                     |      |     |     |     |     |     |   |   |
| 32         | 1    | 119225-11740 | ADAPTER             | 1    |     |     |     |     |     |   |   |
| 33         | 1    | 171031-11741 | PIPE                | 1    |     |     |     |     |     |   | Z |
| (A=EXXXXX) |      |              |                     |      |     |     |     |     |     |   |   |
| 34         | 1    | 119225-11750 | NUT                 | 1    |     |     |     |     |     |   | Z |
| (A=EXXXXX) |      |              |                     |      |     |     |     |     |     |   |   |
| 35         | 1    | 24311-000300 | O-RING, 1AP30.0     | 1    |     |     |     |     |     |   | Z |
| (A=EXXXXX) |      |              |                     |      |     |     |     |     |     |   |   |
| 36         | 1    | 24311-000320 | O-RING, 1AP32.0     | 1    |     |     |     |     |     |   | Z |
| (A=EXXXXX) |      |              |                     |      |     |     |     |     |     |   |   |

N:Old  $\frac{Y05}{10}$  New, Q:Old  $\frac{H0}{10}$  New, R:Old  $\frac{Y05}{10}$  New, S:Old  $\frac{H0}{10}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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Fig.3. FLYWHEEL HOUSING & OIL SUMP



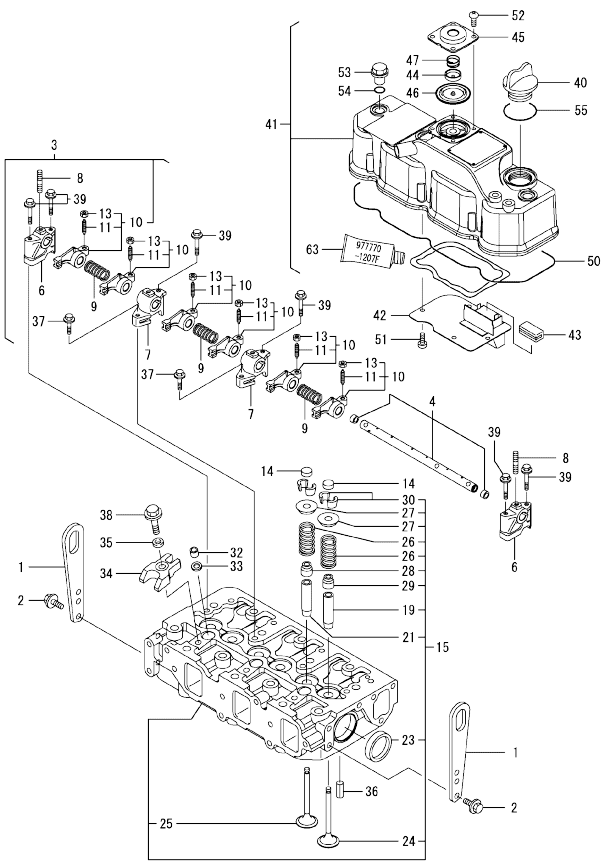
Remarks  
(1) OPTIONAL PART.

|              |      |              |                      | (A)=3TNV88-XTBZ<br>(B)=<br>(C)= |     |     |     |     |     |     | (D)=<br>(E)=<br>(F)= |   |   |  |  |  |  |
|--------------|------|--------------|----------------------|---------------------------------|-----|-----|-----|-----|-----|-----|----------------------|---|---|--|--|--|--|
| No.          | Lev. | Parts No.    | Description          | (A)                             | (B) | (C) | (D) | (E) | (F) | Qty |                      | I | R |  |  |  |  |
| 1            | 1    | 129100-01580 | PIN, M8X16           | 2                               |     |     |     |     |     |     |                      |   |   |  |  |  |  |
| 2            | 1    | 129612-01600 | 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    | 129100-01730 | SPACER, OIL SUMP     | 1                               |     |     |     |     |     |     |                      |   |   |  |  |  |  |
| 7            | 1    | 729102-01540 | SUMP ASSY, OIL       | 1                               |     |     |     |     |     |     |                      |   |   |  |  |  |  |
| 7-1          | 1    | 129175-01770 | SUMP ASSY, OIL       | 1                               |     |     |     |     |     |     |                      | N |   |  |  |  |  |
| (A=E03990)   |      |              |                      |                                 |     |     |     |     |     |     |                      |   |   |  |  |  |  |
| 8            | 2    | 119640-01640 | PLUG, DRAIN M22      | 1                               |     |     |     |     |     |     |                      |   |   |  |  |  |  |
| 10           | 2    | 22190-220002 | WASHER, SEAL 22      | 1                               |     |     |     |     |     |     |                      |   |   |  |  |  |  |
| 11           | 1    | 26106-080162 | BOLT, M8X 16 PLATED  | 4                               |     |     |     |     |     |     |                      |   |   |  |  |  |  |
| 12           | 1    | 26106-080252 | BOLT, M8X 25 PLATED  | 2                               |     |     |     |     |     |     |                      |   |   |  |  |  |  |
| 13           | 1    | 26106-080452 | BOLT, M8X 45 PLATED  | 20                              |     |     |     |     |     |     |                      |   |   |  |  |  |  |
| 13-1         | 1    | 26106-080452 | BOLT, M8X 45 PLATED  | 16                              |     |     |     |     |     |     |                      | K |   |  |  |  |  |
| (A=FROM 1ST) |      |              |                      |                                 |     |     |     |     |     |     |                      |   |   |  |  |  |  |
| 14           | 1    | 129100-01580 | PIN, M8X16           | 2                               |     |     |     |     |     |     |                      |   |   |  |  |  |  |
| 15           | 1    | 129100-01640 | CASE ASSY, OIL SEAL  | 1                               |     |     |     |     |     |     |                      |   |   |  |  |  |  |
| 17           | 2    | 129795-01780 | SEAL, OIL            | 1                               |     |     |     |     |     |     |                      |   |   |  |  |  |  |
| 18           | 1    | 129486-01670 | BOLT, M8X30          | 6                               |     |     |     |     |     |     |                      |   |   |  |  |  |  |
| 19           | 1    | 977770-1207F | GASKET, LIQUID       | 1                               |     |     |     |     |     |     |                      |   | 1 |  |  |  |  |
| 20           | 1    | 26106-080352 | BOLT, M8X 35 PLATED  | 3                               |     |     |     |     |     |     |                      |   |   |  |  |  |  |
| 21           | 1    | 26106-080502 | BOLT, M8X 50 PLATED  | 4                               |     |     |     |     |     |     |                      | W |   |  |  |  |  |
| (A=FROM 1ST) |      |              |                      |                                 |     |     |     |     |     |     |                      |   |   |  |  |  |  |

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

OCD10-M77601

Fig.4. CYLINDER HEAD & BONNET

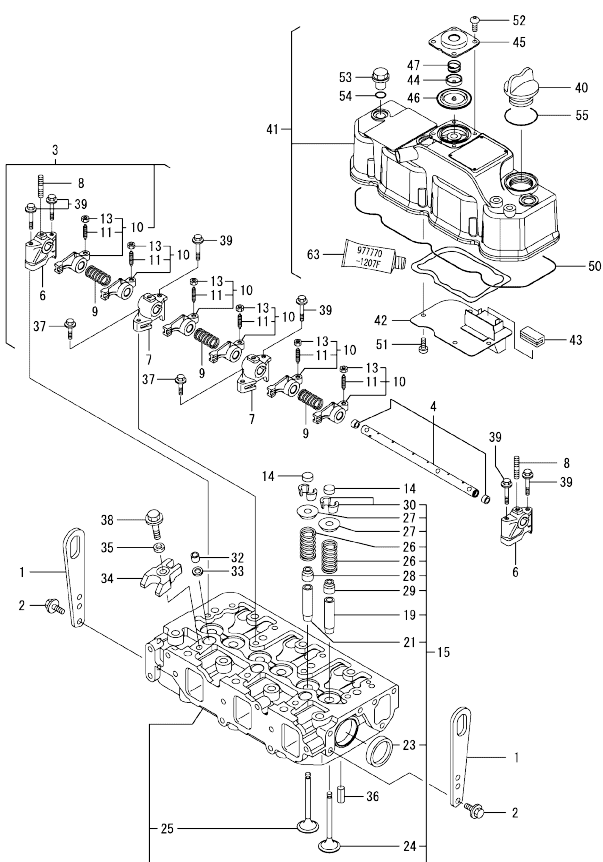


Remarks  
(1) REPAIR PART.  
(2) OPTIONAL PART.

| No.        | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 129900-07900 | LIFTER              | 2    |     |     |     |     |     |   |   |
| 2          | 1    | 26106-080142 | BOLT, M8X 14 PLATED | 4    |     |     |     |     |     |   |   |
| 2-1        | 1    | 26106-080162 | BOLT, M8X 16 PLATED | 4    |     |     |     |     |     | N |   |
| (A=E03990) |      |              |                     |      |     |     |     |     |     |   |   |
| 3          | 1    | 129004-11241 | SHAFT ASSY, ROCKER  | 1    |     |     |     |     |     |   |   |
| 4          | 2    | 129004-11251 | SHAFT, ROCKER ARM   | 1    |     |     |     |     |     |   |   |
| 6          | 2    | 119802-11260 | SUPPORT, ROCKER ARM | 2    |     |     |     |     |     |   |   |
| 7          | 2    | 119802-11270 | SUPPORT, ROCKER ARM | 2    |     |     |     |     |     |   |   |
| 8          | 2    | 119802-11280 | STUD                | 3    |     |     |     |     |     |   |   |
| 9          | 2    | 129150-11280 | SPRING              | 3    |     |     |     |     |     |   |   |
| 10         | 2    | 129004-11650 | ARM, ROCKER         | 6    |     |     |     |     |     |   |   |
| 11         | 3    | 129150-11230 | SCREW, VALVE ADJUST | 6    |     |     |     |     |     |   |   |
| 13         | 3    | 129150-11750 | NUT, M8             | 6    |     |     |     |     |     |   |   |
| 14         | 1    | 129150-11370 | CAP, VALVE          | 6    |     |     |     |     |     |   |   |
| 15         | 1    | 129004-11700 | HEAD ASSY, CYLINDER | 1    |     |     |     |     |     |   |   |
| 19         | 2    | 120130-11860 | GUIDE, VALVE        | 3    |     |     |     |     |     |   | 1 |
| 21         | 2    | 129150-11810 | GUIDE, VALVE        | 3    |     |     |     |     |     |   | 1 |
| 23         | 2    | 27241-400000 | PLUG, 40            | 2    |     |     |     |     |     |   |   |
| 24         | 2    | 129004-11100 | VALVE, INTAKE       | 3    |     |     |     |     |     |   |   |
| 24-1       | 2    | 129004-11130 | VALVE, INTAKE       | 3    |     |     |     |     |     | R |   |
| (A=E03990) |      |              |                     |      |     |     |     |     |     |   |   |
| 25         | 2    | 129100-11110 | VALVE, EXHAUST      | 3    |     |     |     |     |     |   |   |
| 25-1       | 2    | 129100-11111 | VALVE, EXHAUST      | 3    |     |     |     |     |     | R |   |
| (A=E03989) |      |              |                     |      |     |     |     |     |     |   |   |
| 25-2       | 2    | 129100-11112 | VALVE, EXHAUST      | 3    |     |     |     |     |     | R |   |
| (A=E03990) |      |              |                     |      |     |     |     |     |     |   |   |
| 26         | 2    | 129795-11120 | SPRING, VALVE       | 6    |     |     |     |     |     |   |   |
| 27         | 2    | 129795-11180 | RETAINER, SPRING    | 6    |     |     |     |     |     |   |   |
| 28         | 2    | 121400-11340 | SEAL, VALVE STEM    | 3    |     |     |     |     |     |   |   |
| 29         | 2    | 124460-11340 | SEAL, VALVE STEM    | 3    |     |     |     |     |     |   |   |
| 30         | 2    | 27310-080001 | COTTER, 8           | 6    |     |     |     |     |     |   |   |
| 32         | 1    | 119802-11870 | PROTECTOR, NOZZLE   | 3    |     |     |     |     |     |   |   |
| 33         | 1    | 119625-11880 | SEAT, NOZZLE        | 3    |     |     |     |     |     |   |   |
| 34         | 1    | 129004-11900 | RETAINER, NOZZLE    | 3    |     |     |     |     |     |   |   |
| 35         | 1    | 120270-54410 | WASHER, INJECTOR    | 3    |     |     |     |     |     |   |   |
| 36         | 1    | 22351-060012 | PIN, SPRING 6.0X12  | 2    |     |     |     |     |     |   |   |
| 37         | 1    | 26106-080252 | BOLT, M8X 25 PLATED | 2    |     |     |     |     |     |   |   |
| 38         | 1    | 26106-080352 | BOLT, M8X 35 PLATED | 3    |     |     |     |     |     |   |   |
| 39         | 1    | 26106-080502 | BOLT, M8X 50 PLATED | 6    |     |     |     |     |     |   |   |
| 40         | 1    | 124160-01751 | COVER, FILLER       | 1    |     |     |     |     |     |   |   |
| 41         | 1    | 129004-11350 | BONNET ASSY, HEAD   | 1    |     |     |     |     |     |   |   |
| 42         | 2    | 129004-03010 | PLATE               | 1    |     |     |     |     |     |   |   |
| 43         | 2    | 129150-03070 | BAFFLE, BREATHER    | 1    |     |     |     |     |     |   |   |
| 44         | 2    | 119802-03110 | PLATE               | 1    |     |     |     |     |     |   |   |
| 45         | 2    | 119802-03120 | COVER, DIAPHRAGM    | 1    |     |     |     |     |     |   |   |
| 45-1       | 2    | 119802-03121 | COVER, DIAPHRAGM    | 1    |     |     |     |     |     | N |   |
| (A=E03989) |      |              |                     |      |     |     |     |     |     |   |   |
| 46         | 2    | 119802-03130 | DIAPHRAGM           | 1    |     |     |     |     |     |   |   |
| 47         | 2    | 119802-03140 | SPRING, DIAPHRAGM   | 1    |     |     |     |     |     |   |   |
| 47-1       | 2    | 119802-03141 | SPRING, DIAPHRAGM   | 1    |     |     |     |     |     | N |   |
| (A=E03989) |      |              |                     |      |     |     |     |     |     |   |   |

N:Old  $\frac{NBS}{100}$  New, Q:Old  $\frac{HQ}{100}$  New, R:Old  $\frac{RBS}{100}$  New, S:Old  $\frac{HS}{100}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
++ CONTINUE ++  
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Fig.4. CYLINDER HEAD & BONNET



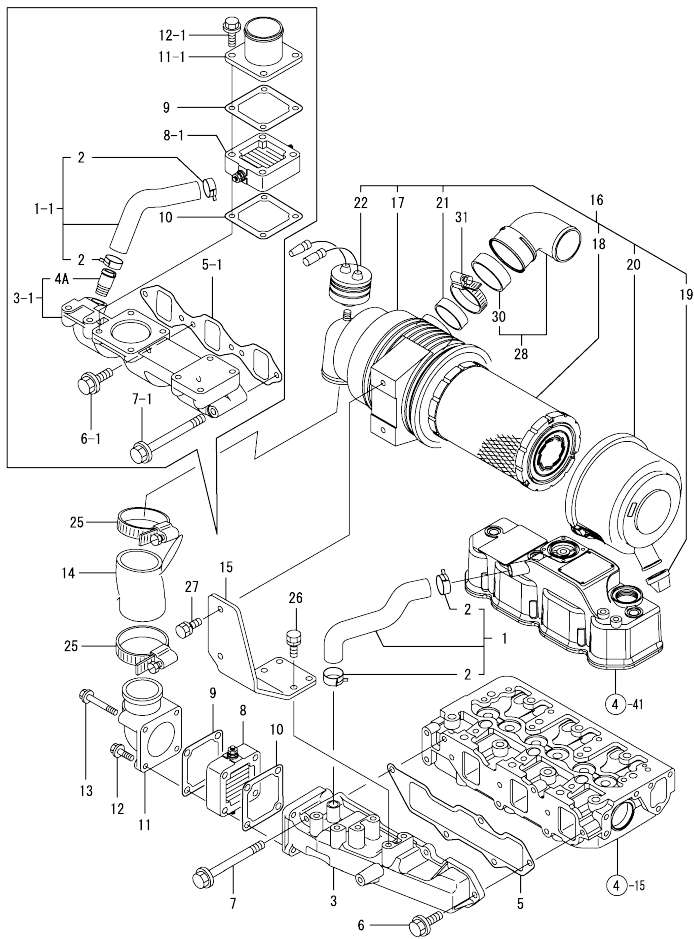
Remarks  
(1) REPAIR PART.  
(2) OPTIONAL PART.

| No. | Lev. | Parts No.    | Description     | (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|-----|------|--------------|-----------------|-----|-----|-----|-----|-----|-----|---|---|
| 50  | 2    | 129004-11310 | GASKET, BONNET  | 1   |     |     |     |     |     |   |   |
| 51  | 2    | 22857-500100 | SCREW, 5X10     | 4   |     |     |     |     |     |   |   |
| 52  | 2    | 22857-500100 | SCREW, 5X10     | 4   |     |     |     |     |     |   |   |
| 53  | 1    | 124160-11360 | KNOB            | 3   |     |     |     |     |     |   |   |
| 54  | 1    | 24311-000120 | O-RING, 1AP12.0 | 3   |     |     |     |     |     |   |   |
| 55  | 1    | 24311-000320 | O-RING, 1AP32.0 | 1   |     |     |     |     |     |   |   |
| 63  | 1    | 977770-1207F | GASKET LIQUID   | 1   |     |     |     |     |     |   | 2 |

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

OCD10-M77601

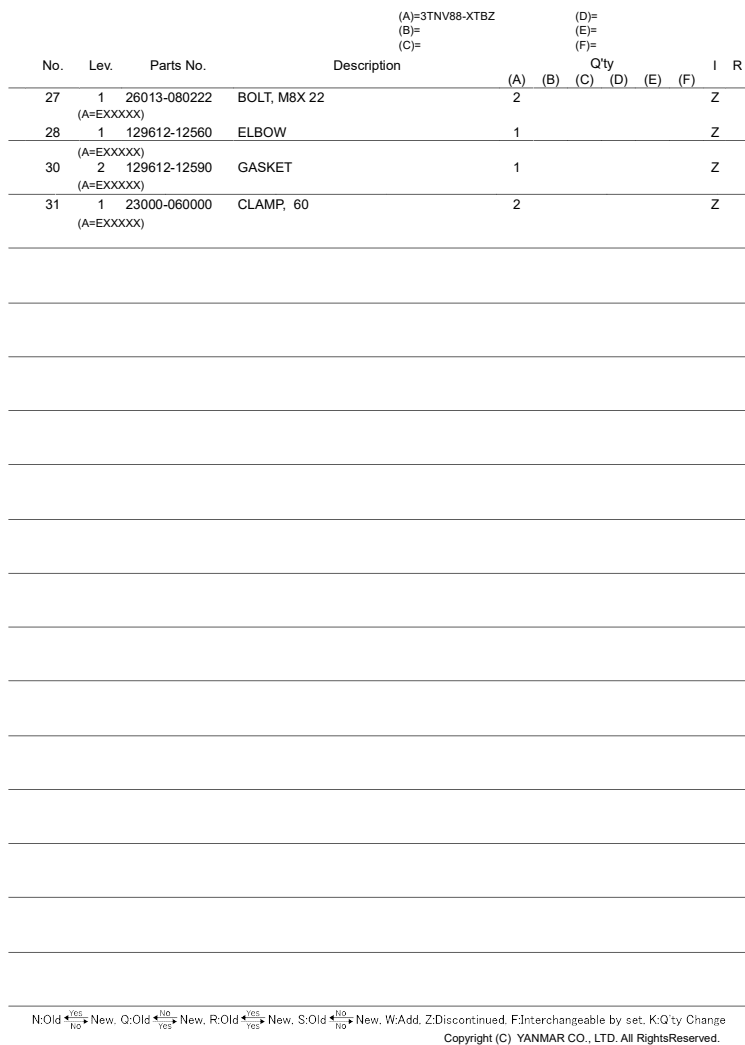
Fig.5. SUCTION MANIFOLD & AIR CLEANER



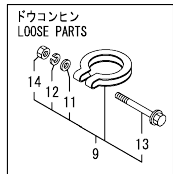
| No.  | Lev. | Parts No.                  | Description          | Q'ty |     |     |     |     |     | I | R |
|------|------|----------------------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |                            |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 129004-03080               | PIPE, BREATHER       | 1    |     |     |     |     |     |   |   |
| 1-1  | 1    | 129263-03080<br>(A=EXXXXX) | PIPE ASSY, BREATHER  | 1    |     |     |     |     |     |   | S |
| 2    | 2    | 129410-03990               | CLAMP 22             | 2    |     |     |     |     |     |   |   |
| 3    | 1    | 129004-12100               | MANIFOLD, AIR INTAKE | 1    |     |     |     |     |     |   |   |
| 3-1  | 1    | 129263-12100               | MANIFOLD, AIR INTAKE | 1    |     |     |     |     |     |   | S |
| 4A   | 2    | 129263-12210<br>(A=EXXXXX) | JOINT, BREATHER      | 1    |     |     |     |     |     |   | W |
| 5    | 1    | 129001-12110               | GASKET, MANIFOLD     | 1    |     |     |     |     |     |   |   |
| 5-1  | 1    | 129150-12111<br>(A=EXXXXX) | GASKET, MANIFOLD     | 1    |     |     |     |     |     |   | S |
| 6    | 1    | 26106-080202               | BOLT, M8X 20 PLATED  | 4    |     |     |     |     |     |   |   |
| 6-1  | 1    | 26106-080252<br>(A=EXXXXX) | BOLT, M8X 25 PLATED  | 3    |     |     |     |     |     |   | S |
| 7    | 1    | 26106-080802               | BOLT, M8X 80 PLATED  | 1    |     |     |     |     |     |   |   |
| 7-1  | 1    | 26106-080702<br>(A=EXXXXX) | BOLT, M8X 70 PLATED  | 1    |     |     |     |     |     |   | S |
| 8    | 1    | 129100-77500               | HEATER, AIR 12V      | 1    |     |     |     |     |     |   |   |
| 8-1  | 1    | 129100-77501<br>(A=EXXXXX) | HEATER               | 1    |     |     |     |     |     |   | S |
| 9    | 1    | 129100-77510               | GASKET, AIR HEATER   | 1    |     |     |     |     |     |   |   |
| 10   | 1    | 129150-77511               | GASKET               | 1    |     |     |     |     |     |   |   |
| 11   | 1    | 171340-77520               | BEND                 | 1    |     |     |     |     |     |   |   |
| 11-1 | 1    | 129486-12581<br>(A=EXXXXX) | JOINT, MANIFOLD      | 1    |     |     |     |     |     |   | S |
| 12   | 1    | 26106-080402               | BOLT, M8X 40 PLATED  | 2    |     |     |     |     |     |   |   |
| 13   | 1    | 26106-080802<br>(A=EXXXXX) | BOLT, M8X 80 PLATED  | 2    |     |     |     |     |     |   | Z |
| 14   | 1    | 119910-12210               | PIPE, AIR INTAKE     | 1    |     |     |     |     |     |   | Z |
| 15   | 1    | 119802-12560<br>(A=EXXXXX) | BRACKET, AIR CLEANER | 1    |     |     |     |     |     |   | Z |
| 16   | 1    | 129612-12691<br>(A=EXXXXX) | CLEANER ASSY, AIR    | 1    |     |     |     |     |     |   | Z |
| 17   | 2    | 119910-12510               | BODY, AIR CLEANER    | 1    |     |     |     |     |     |   | Z |
| 18   | 2    | 119808-12520<br>(A=EXXXXX) | ELEMENT              | 1    |     |     |     |     |     |   | Z |
| 19   | 2    | 119808-12540<br>(A=EXXXXX) | VALVE, UNLOADER      | 1    |     |     |     |     |     |   | Z |
| 20   | 2    | 119866-12541<br>(A=EXXXXX) | COVER ASSY           | 1    |     |     |     |     |     |   | Z |
| 21   | 2    | 129259-12570<br>(A=EXXXXX) | RING                 | 1    |     |     |     |     |     |   | Z |
| 22   | 2    | 129953-12620<br>(A=EXXXXX) | INDICATOR ASSY       | 1    |     |     |     |     |     |   | Z |
| 25   | 1    | 23000-060000<br>(A=EXXXXX) | CLAMP, 60            | 2    |     |     |     |     |     |   | Z |
| 26   | 1    | 26013-080222<br>(A=EXXXXX) | BOLT, M8X 22         | 4    |     |     |     |     |     |   | Z |

N:Old  $\frac{NBS}{100}$  New, Q:Old  $\frac{HIS}{100}$  New, R:Old  $\frac{HIS}{100}$  New, S:Old  $\frac{HIS}{100}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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Fig.5. SUCTION MANIFOLD & AIR CLEANER

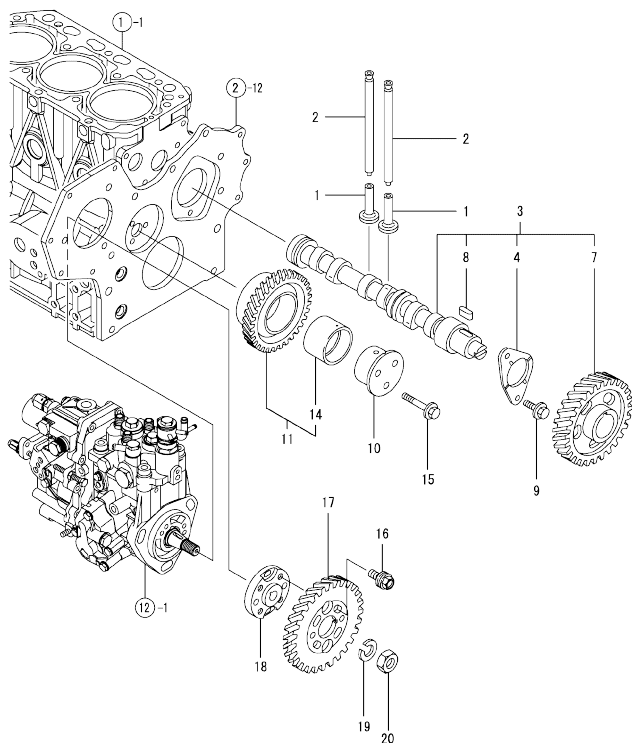


N:Old  $\xrightarrow[\text{No}]{\text{Yes}}$  New, Q:Old  $\xrightarrow[\text{Yes}]{\text{No}}$  New, R:Old  $\xrightarrow[\text{Yes}]{\text{Yes}}$  New, S:Old  $\xrightarrow[\text{No}]{\text{Yes}}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change



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

Fig.7. CAMSHAFT & DRIVING GEAR



## Remarks

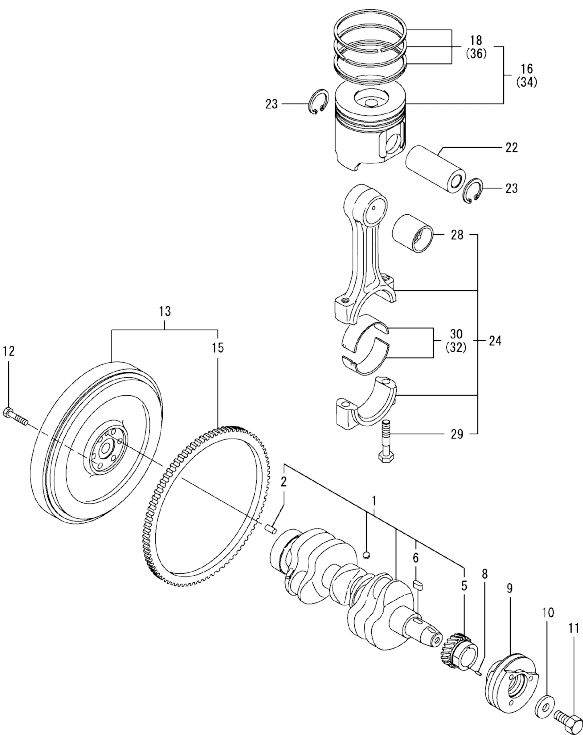
Remarks  
(1) REPAIR PART.

| No.  | Lev. | Parts No.    | Description         | (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|------|------|--------------|---------------------|-----|-----|-----|-----|-----|-----|---|---|
| 1    | 1    | 129150-14200 | TAPPET              | 6   |     |     |     |     |     |   |   |
| 2    | 1    | 129150-14400 | ROD, PUSH L=178     | 6   |     |     |     |     |     |   |   |
| 3    | 1    | 129129-14580 | 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    | 26106-080142 | BOLT, M8X 14 PLATED | 2   |     |     |     |     |     |   |   |
| 10   | 1    | 119802-25051 | SHAFT, IDLE         | 1   |     |     |     |     |     |   |   |
| 11   | 1    | 119802-25100 | GEAR ASSY, IDLE     | 1   |     |     |     |     |     |   |   |
| 11-1 | 1    | 119802-25101 | GEAR ASSY, IDLE     | 1   |     |     |     |     |     | N |   |
|      |      | (A=E03990)   |                     |     |     |     |     |     |     |   |   |
| 14   | 2    | 119802-25070 | BUSH, IDLE GEAR     | 1   |     |     |     |     |     |   | 1 |
| 14-1 | 2    | 119802-25071 | BUSH, IDLE GEAR     | 1   |     |     |     |     |     | N | 1 |
|      |      | (A=E03990)   |                     |     |     |     |     |     |     |   |   |
| 15   | 1    | 26106-080402 | BOLT, M8X 40 PLATED | 3   |     |     |     |     |     |   |   |
| 16   | 1    | 129150-25301 | BOLT                | 4   |     |     |     |     |     |   |   |
| 17   | 1    | 119802-25901 | GEAR, PUMP          | 1   |     |     |     |     |     |   |   |
| 18   | 1    | 158552-51151 | FLANGE              | 1   |     |     |     |     |     |   |   |
| 19   | 1    | 22217-140000 | WASHER, SPRING 14   | 1   |     |     |     |     |     |   |   |
| 20   | 1    | 26776-140002 | NUT, LOCK M14       | 1   |     |     |     |     |     |   |   |

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

OCD10-M77601

Fig.8. CRANKSHAFT & PISTON



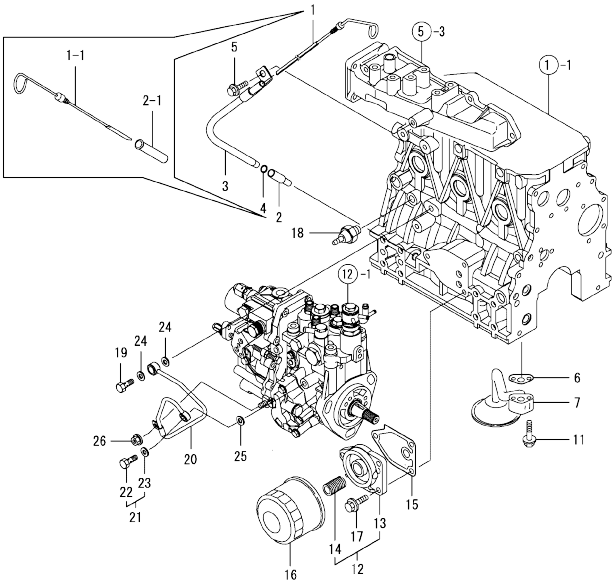
| No.        | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 129004-21001 | CRANKSHAFT ASSY      | 1    |     |     |     |     |     |   |   |
| 1-1        | 1    | 129004-21002 | CRANKSHAFT ASSY      | 1    |     |     |     |     |     | N |   |
| (A=E03989) |      |              |                      |      |     |     |     |     |     |   |   |
| 2          | 2    | 129100-01580 | PIN, M8X16           | 1    |     |     |     |     |     |   |   |
| 5          | 2    | 119802-21201 | GEAR, CRANKSHAFT     | 1    |     |     |     |     |     |   |   |
| 5-1        | 2    | 119802-21202 | GEAR, CRANKSHAFT     | 1    |     |     |     |     |     | N |   |
| (A=E03989) |      |              |                      |      |     |     |     |     |     |   |   |
| 6          | 2    | 22512-070140 | KEY, 7X 14           | 1    |     |     |     |     |     |   |   |
| 8          | 1    | 22351-030010 | PIN, SPRING 3.0X10   | 1    |     |     |     |     |     |   |   |
| 9          | 1    | 129004-21650 | V-PULLEY, 110        | 1    |     |     |     |     |     |   |   |
| 9-1        | 1    | 129005-21650 | V-PULLEY, 120        | 1    |     |     |     |     |     | N |   |
| (A=EXXXXX) |      |              |                      |      |     |     |     |     |     |   |   |
| 10         | 1    | 129795-21661 | WASHER               | 1    |     |     |     |     |     |   |   |
| 11         | 1    | 121850-21680 | BOLT                 | 1    |     |     |     |     |     |   |   |
| 12         | 1    | 121111-21501 | BOLT, FLYWHEEL       | 6    |     |     |     |     |     |   |   |
| 13         | 1    | 129002-21590 | FLYWHEEL ASSY        | 1    |     |     |     |     |     |   |   |
| 15         | 2    | 119865-21600 | GEAR, RING           | 1    |     |     |     |     |     |   |   |
| 16         | 1    | 129005-22080 | PISTON ASSY          | 3    |     |     |     |     |     |   |   |
| 18         | 2    | 129005-22500 | RING SET, PISTON     | 3    |     |     |     |     |     |   |   |
| 22         | 1    | 129202-22300 | PIN, PISTON D26 L70  | 3    |     |     |     |     |     |   |   |
| 23         | 1    | 22252-000260 | RING, 26             | 6    |     |     |     |     |     |   |   |
| 24         | 1    | 729402-23100 | ROD ASSY, CONNECTING | 3    |     |     |     |     |     |   |   |
| 28         | 2    | 129100-23910 | BEARING, PISTON PIN  | 3    |     |     |     |     |     |   | 1 |
| 29         | 2    | 121550-23200 | BOLT, CONNECTING ROD | 6    |     |     |     |     |     |   |   |
| 30         | 2    | 129150-23600 | BEARING, CRANK PIN   | 3    |     |     |     |     |     |   |   |
| 30-1       | 2    | 129150-23601 | BEARING, CRANK PIN   | 3    |     |     |     |     |     | N |   |
| (A=E03990) |      |              |                      |      |     |     |     |     |     |   |   |
| 32         | 1    | 129150-23610 | BEARING, 0.25 US     | 3    |     |     |     |     |     |   | 2 |
| 32-1       | 1    | 129150-23611 | BEARING, 0.25 US     | 3    |     |     |     |     |     | N | 2 |
| (A=E03990) |      |              |                      |      |     |     |     |     |     |   |   |
| 34         | 1    | 129005-22900 | PISTON ASSY, 0.25 OS | 3    |     |     |     |     |     |   | 3 |
| 36         | 2    | 129005-22950 | RING SET, 0.25 OS    | 3    |     |     |     |     |     |   | 3 |

Remarks

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

OCD10-M77601

Fig.9. LUB.OIL SYSTEM



| No.        | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 129602-34800 | DIPSTICK, OIL        | 1    |     |     |     |     |     |   |   |
| 1-1        | 1    | 129005-34802 | DIPSTICK, OIL        | 1    |     |     |     |     |     | N |   |
| (A=E00000) |      |              |                      |      |     |     |     |     |     |   |   |
| 2          | 1    | 119260-34810 | GUIDE, DIPSTICK      | 1    |     |     |     |     |     |   |   |
| 2-1        | 1    | 121520-34810 | GUIDE, DIPSTICK      | 1    |     |     |     |     |     | N |   |
| (A=E00000) |      |              |                      |      |     |     |     |     |     |   |   |
| 3          | 1    | 119802-34850 | GUIDE, DIPSTICK      | 1    |     |     |     |     |     | Z |   |
| (A=E00000) |      |              |                      |      |     |     |     |     |     |   |   |
| 4          | 1    | 24311-240100 | O-RING, 1AP10A       | 1    |     |     |     |     |     | Z |   |
| (A=E00000) |      |              |                      |      |     |     |     |     |     |   |   |
| 5          | 1    | 26106-080162 | BOLT, M8X 16 PLATED  | 1    |     |     |     |     |     | Z |   |
| (A=E00000) |      |              |                      |      |     |     |     |     |     |   |   |
| 6          | 1    | 129150-35041 | GASKET               | 1    |     |     |     |     |     |   |   |
| 6-1        | 1    | 129150-35042 | GASKET               | 1    |     |     |     |     |     | N |   |
| (A=E03990) |      |              |                      |      |     |     |     |     |     |   |   |
| 7          | 1    | 129150-35091 | PIPE ASSY, OIL INLET | 1    |     |     |     |     |     |   |   |
| 11         | 1    | 26106-080352 | BOLT, M8X 35 PLATED  | 2    |     |     |     |     |     |   |   |
| 12         | 1    | 119802-35100 | BRACKET ASSY, FILTER | 1    |     |     |     |     |     |   |   |
| 13         | 2    | 119802-35110 | BRACKET, FILTER      | 1    |     |     |     |     |     |   |   |
| 14         | 2    | 129100-35140 | STUD                 | 1    |     |     |     |     |     |   |   |
| 15         | 1    | 129150-35111 | GASKET               | 1    |     |     |     |     |     |   |   |
| 16         | 1    | 129150-35153 | FILTER 80X80L        | 1    |     |     |     |     |     |   | 1 |
| 17         | 1    | 26106-080202 | BOLT, M8X 20 PLATED  | 3    |     |     |     |     |     |   |   |
| 18         | 1    | 114250-39450 | SWITCH, 0.5KG        | 1    |     |     |     |     |     |   |   |
| 19         | 1    | 124160-39140 | BOLT, PIPE JOINT M10 | 1    |     |     |     |     |     |   |   |
| 20         | 1    | 119802-39450 | PIPE ASSY, OIL       | 1    |     |     |     |     |     |   |   |
| 21         | 1    | 129005-59830 | BOLT ASSY, JOINT M8  | 1    |     |     |     |     |     |   |   |
| 22         | 2    | 23857-030000 | BOLT, JOINT 3        | 1    |     |     |     |     |     |   |   |
| 23         | 2    | 22190-080002 | WASHER, SEAL 6       | 1    |     |     |     |     |     |   |   |
| 24         | 1    | 22190-100002 | WASHER, SEAL 10      | 2    |     |     |     |     |     |   |   |
| 25         | 1    | 22190-080002 | WASHER, SEAL 6       | 1    |     |     |     |     |     |   |   |
| 26         | 1    | 26366-060002 | NUT, M6              | 1    |     |     |     |     |     |   |   |

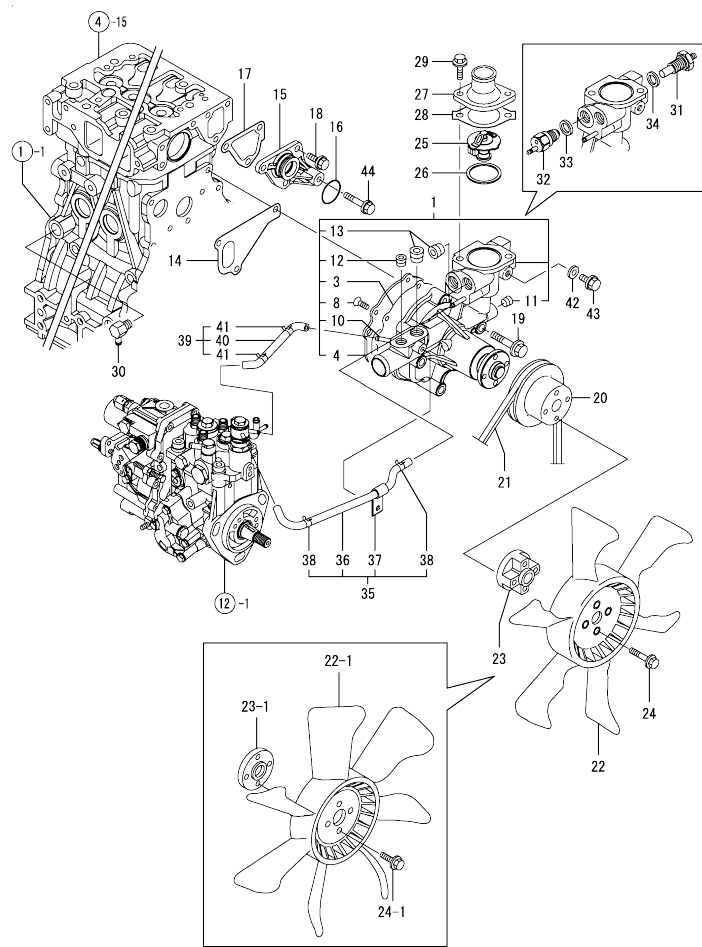
Remarks

(1) REPAIR PART.

N:Old  $\frac{100}{100}$  New, Q:Old  $\frac{100}{100}$  New, R:Old  $\frac{100}{100}$  New, S:Old  $\frac{100}{100}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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OCD10-M77601

Fig.10. COOLING WATER SYSTEM



| No.        | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 129004-42000 | PUMP ASSY, WATER     | 1    |     |     |     |     |     |   |   |
| 1-1        | 1    | 129004-42001 | PUMP ASSY, WATER     | 1    |     |     |     |     |     |   | R |
| (A=E02010) |      |              |                      |      |     |     |     |     |     |   |   |
| 3          | 2    | 129100-42051 | GASKET, WATER PUMP   | 1    |     |     |     |     |     |   |   |
| 4          | 2    | 129100-42121 | PLATE                | 1    |     |     |     |     |     |   |   |
| 8          | 2    | 121850-42410 | SCREW                | 3    |     |     |     |     |     |   |   |
| 10         | 2    | 119802-49112 | PIPE, WATER          | 2    |     |     |     |     |     |   |   |
| 10-1       | 2    | 119802-49113 | JOINT, PIPE          | 2    |     |     |     |     |     |   | N |
| (A=E02010) |      |              |                      |      |     |     |     |     |     |   |   |
| 11         | 2    | 23876-010000 | PLUG, R01            | 1    |     |     |     |     |     |   |   |
| 12         | 2    | 23876-020000 | PLUG, R02            | 1    |     |     |     |     |     |   |   |
| 13         | 2    | 23876-030000 | PLUG, R03            | 2    |     |     |     |     |     |   |   |
| 13-1       | 2    | 129916-49740 | PLUG, R03            | 2    |     |     |     |     |     |   | N |
| (A=E03413) |      |              |                      |      |     |     |     |     |     |   |   |
| 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    | 129612-42330 | V-BELT, A37.5        | 1    |     |     |     |     |     |   |   |
| 22         | 1    | 171340-44740 | FAN, COOLING D335XNF | 1    |     |     |     |     |     |   |   |
| 22-1       | 1    | 119717-44740 | FAN, COOLING D335X7  | 1    |     |     |     |     |     |   | N |
| (A=EXXXXX) |      |              |                      |      |     |     |     |     |     |   |   |
| 23         | 1    | 121267-44760 | SPACER               | 1    |     |     |     |     |     |   |   |
| 23-1       | 1    | 124574-44761 | SPACER, FAN          | 1    |     |     |     |     |     |   | N |
| (A=EXXXXX) |      |              |                      |      |     |     |     |     |     |   |   |
| 24         | 1    | 26106-060302 | BOLT, M6X 30 PLATED  | 4    |     |     |     |     |     |   |   |
| 24-1       | 1    | 26106-060202 | BOLT, M6X 20 PLATED  | 4    |     |     |     |     |     |   | N |
| (A=EXXXXX) |      |              |                      |      |     |     |     |     |     |   |   |
| 25         | 1    | 129457-49801 | THERMOSTAT, 82       | 1    |     |     |     |     |     |   |   |
| 26         | 1    | 129150-49811 | GASKET, THERMOSTAT   | 1    |     |     |     |     |     |   |   |
| 27         | 1    | 129350-49530 | COVER, THERMOSTAT    | 1    |     |     |     |     |     |   |   |
| 28         | 1    | 129795-49551 | GASKET               | 1    |     |     |     |     |     |   |   |
| 29         | 1    | 26106-080222 | BOLT, M8X 22 PLATED  | 2    |     |     |     |     |     |   |   |
| 30         | 1    | 121750-49110 | JOINT                | 1    |     |     |     |     |     |   |   |
| 31         | 1    | 119266-49350 | SWITCH               | 1    |     |     |     |     |     |   |   |
| 32         | 1    | 121250-44901 | SWITCH, 110          | 1    |     |     |     |     |     |   |   |
| 33         | 1    | 124465-44950 | GASKET, 16           | 1    |     |     |     |     |     |   |   |
| 34         | 1    | 129150-49360 | GASKET               | 1    |     |     |     |     |     |   |   |
| 35         | 1    | 129004-49610 | PIPE ASSY, WATER     | 1    |     |     |     |     |     |   |   |
| 36         | 2    | 129004-49711 | PIPE ASSY, WATER     | 1    |     |     |     |     |     |   |   |
| 37         | 2    | 119802-49730 | RETAINER, PIPE       | 1    |     |     |     |     |     |   |   |
| 38         | 2    | 124722-59050 | CLIP, HOSE 9         | 2    |     |     |     |     |     |   |   |
| 39         | 1    | 129004-49620 | PIPE ASSY, WATER     | 1    |     |     |     |     |     |   |   |
| 40         | 2    | 129004-49721 | PIPE ASSY, WATER     | 1    |     |     |     |     |     |   |   |
| 41         | 2    | 124722-59050 | CLIP, HOSE 9         | 2    |     |     |     |     |     |   |   |
| 42         | 1    | 23414-080000 | GASKET, 8X1.0        | 1    |     |     |     |     |     |   |   |
| 43         | 1    | 26106-080122 | BOLT, M8X 12 PLATED  | 1    |     |     |     |     |     |   |   |
| 44         | 1    | 26106-080452 | BOLT, M8X 45 PLATED  | 1    |     |     |     |     |     |   |   |

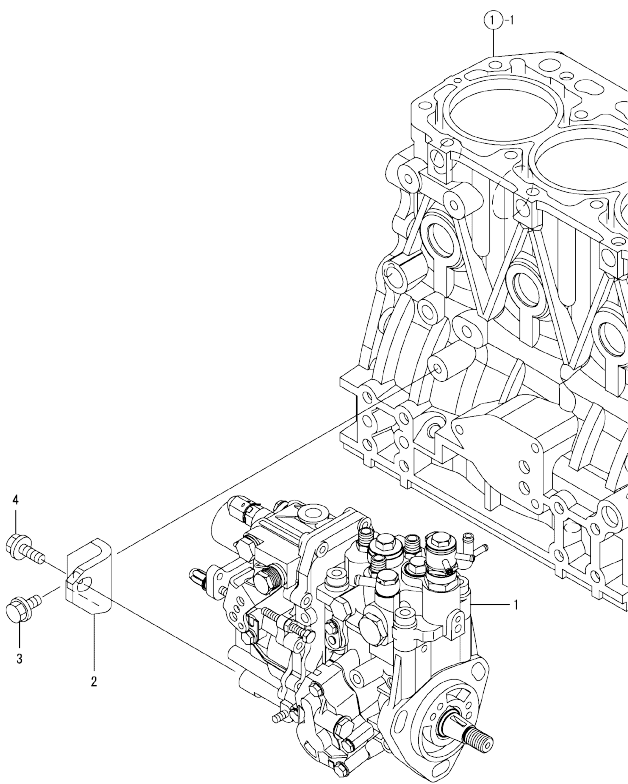
N:Old  $\frac{100}{100}$  New, Q:Old  $\frac{100}{100}$  New, R:Old  $\frac{100}{100}$  New, S:Old  $\frac{100}{100}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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N:Old  $\xrightarrow[\text{No}]{\text{Yes}}$  New. Q:Old  $\xrightarrow[\text{Yes}]{\text{No}}$  New. R:Old  $\xrightarrow[\text{Yes}]{\text{No}}$  New. S:Old  $\xrightarrow[\text{No}]{\text{Yes}}$  New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change.

OCD10-M77601

Fig.12. FUEL INJECTION PUMP



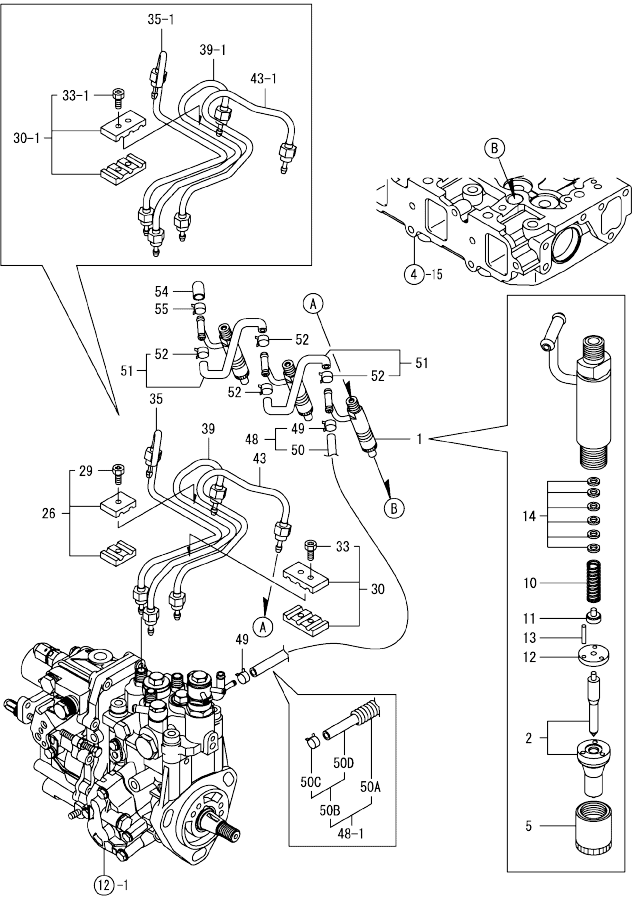
Remarks  
(1) REFER TO FI.18 & 19 FOR INNER PARTS.

|     |      |              |                      | (A)=3TNV88-XTBZ<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    | 729242-51340 | PUMP ASSY, INJECTION | 1                               |                      |     |     |     |     |  |  |  |  |  |  | 1 |   |
| 2   | 1    | 119802-51250 | RETAINER, PUMP       | 1                               |                      |     |     |     |     |  |  |  |  |  |  |   |   |
| 3   | 1    | 26106-080162 | BOLT, M8X 16 PLATED  | 1                               |                      |     |     |     |     |  |  |  |  |  |  |   |   |
| 4   | 1    | 26106-080202 | BOLT, M8X 20 PLATED  | 1                               |                      |     |     |     |     |  |  |  |  |  |  |   |   |

N:Old  $\frac{YBS}{100}$  New, Q:Old  $\frac{H0}{100}$  New, R:Old  $\frac{YBS}{100}$  New, S:Old  $\frac{H0}{100}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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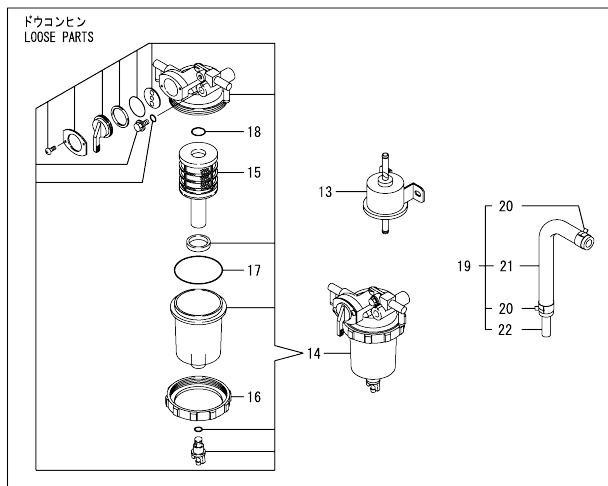
OCD10-M77601

Fig.13. FUEL INJECTION VALVE



| No.  | Lev.            | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|------|-----------------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |                 |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1               | 729245-53100 | VALVE ASSY,INJECTION | 3    |     |     |     |     |     |   |   |
| 2    | 2               | 129004-53001 | VALVE ASSY,INJECTION | 3    |     |     |     |     |     |   |   |
| 5    | 2               | 114250-53080 | NUT, NOZZLE D16.95   | 3    |     |     |     |     |     |   |   |
| 10   | 2               | 114250-53120 | SPRING, NOZZLE       | 3    |     |     |     |     |     |   |   |
| 11   | 2               | 114250-53130 | SEAT, SPRING         | 3    |     |     |     |     |     |   |   |
| 12   | 2               | 114250-53140 | PLATE                | 3    |     |     |     |     |     |   |   |
| 13   | 2               | 114250-53210 | PIN                  | 6    |     |     |     |     |     |   |   |
| 14   | 2               | 114250-53400 | SHIM SET             | 3    |     |     |     |     |     |   |   |
| 26   | 1               | 119305-59120 | RETAINER, PIPE       | 1    |     |     |     |     |     |   | Z |
| 29   | (A=E03990)<br>2 | 129150-59131 | BOLT, M4X14          | 1    |     |     |     |     |     |   | Z |
| 30   | (A=E03990)<br>1 | 129150-59120 | RETAINER, PIPE       | 1    |     |     |     |     |     |   |   |
| 30-1 | 1               | 129150-59120 | RETAINER, PIPE       | 2    |     |     |     |     |     |   | K |
| 33   | (A=E03990)<br>2 | 129150-59131 | BOLT, M4X14          | 2    |     |     |     |     |     |   |   |
| 33-1 | 2               | 129150-59131 | BOLT, M4X14          | 4    |     |     |     |     |     |   | K |
| 35   | (A=E03990)<br>1 | 129004-59810 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 35-1 | 1               | 129263-59811 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   | S |
| 39   | (A=E03990)<br>1 | 129004-59820 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 39-1 | 1               | 129263-59821 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   | S |
| 43   | (A=E03990)<br>1 | 129004-59830 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 43-1 | 1               | 129263-59831 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   | S |
| 48   | (A=E03990)<br>1 | 119802-59550 | PIPE ASSY, RETURN    | 1    |     |     |     |     |     |   |   |
| 48-1 | 1               | 129263-59550 | PIPE ASSY, RETURN    | 1    |     |     |     |     |     |   | N |
| 49   | (A=E03990)<br>2 | 124722-59050 | CLIP, HOSE 9         | 2    |     |     |     |     |     |   | Z |
| 50   | (A=E03990)<br>2 | 119802-59560 | PIPE, FUEL RETURN    | 1    |     |     |     |     |     |   | Z |
| 50A  | (A=E03990)<br>2 | 129486-59320 | TUBE, CORRUGATED     | 1    |     |     |     |     |     |   | W |
| 50B  | (A=E03990)<br>2 | 119802-59550 | PIPE ASSY, RETURN    | 1    |     |     |     |     |     |   | W |
| 50C  | (A=E03990)<br>3 | 124722-59050 | CLIP, HOSE 9         | 2    |     |     |     |     |     |   | W |
| 50D  | (A=E03990)<br>3 | 119802-59560 | PIPE, FUEL RETURN    | 1    |     |     |     |     |     |   | W |
| 51   | (A=E03990)<br>1 | 129486-59551 | PIPE ASSY, RETURN    | 2    |     |     |     |     |     |   |   |
| 52   | 2               | 124722-59050 | CLIP, HOSE 9         | 4    |     |     |     |     |     |   |   |
| 54   | 1               | 119593-59580 | CAP                  | 1    |     |     |     |     |     |   |   |
| 54-1 | (A=E03990)<br>1 | 119593-59581 | CAP                  | 1    |     |     |     |     |     |   | N |
| 55   | 1               | 124060-77680 | CLIP, HOSE 10        | 1    |     |     |     |     |     |   |   |

N:Old  $\frac{100}{100}$  New, Q:Old  $\frac{100}{100}$  New, R:Old  $\frac{100}{100}$  New, S:Old  $\frac{100}{100}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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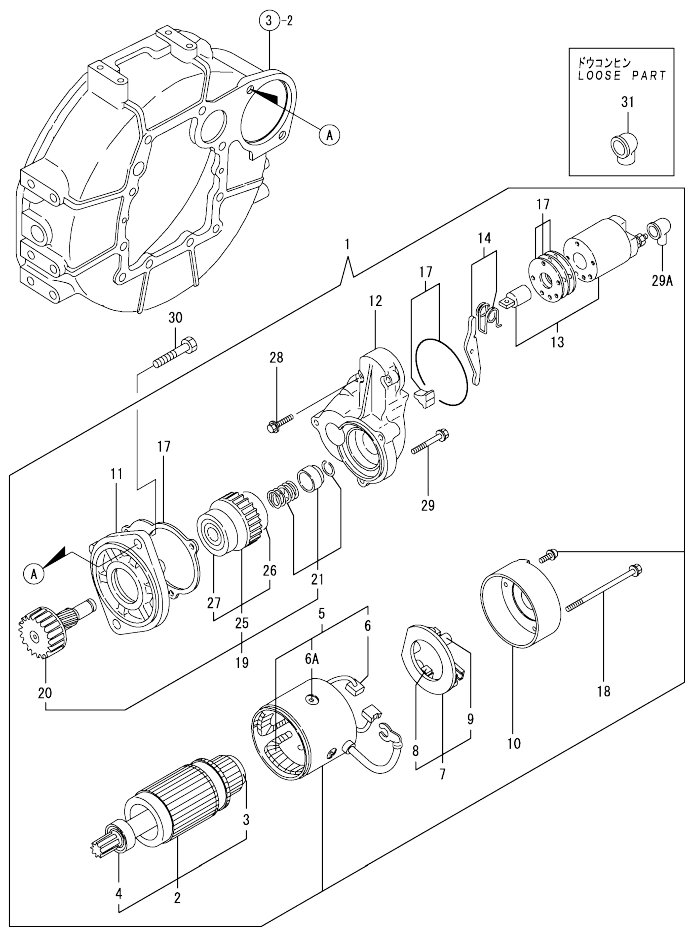


|      |      |                            |                      | (A)=3TNV88-XTBZ |     |      |     |   | (D)= |
|------|------|----------------------------|----------------------|-----------------|-----|------|-----|---|------|
|      |      |                            |                      | (B)=            |     |      |     |   | (E)= |
|      |      |                            |                      | (C)=            |     |      |     |   | (F)= |
| No.  | Lev. | Parts No.                  | Description          | (A)             | (B) | Q'ty |     |   | I R  |
|      |      |                            |                      | (C)             | (D) | (E)  | (F) |   |      |
| 1    | 1    | 129004-55610               | BRACKET, FILTER      | 1               |     |      |     |   |      |
| 1-1  | 1    | 129004-55611<br>(A=E03989) | BRACKET, FILTER      | 1               |     |      |     | R |      |
| 1-2  | 1    | 129004-55612<br>(A=E03990) | BRACKET, FILTER      | 1               |     |      |     | R |      |
| 2    | 1    | 119802-55800               | FILTER, FUEL         | 1               |     |      |     |   |      |
| 2-1  | 1    | 119802-55801<br>(A=E03990) | FILTER, FUEL         | 1               |     |      |     | R |      |
| 3    | 1    | 26106-080302               | BOLT, M8X 30 PLATED  | 2               |     |      |     |   |      |
| 4    | 1    | 129044-59010               | PIPE, D13/7.5X220    | 1               |     |      |     |   |      |
| 5    | 2    | 124766-59050               | CLIP, HOSE 12        | 2               |     |      |     |   |      |
| 6    | 2    | 129044-59100               | TUBE, CORRUGATED     | 1               |     |      |     |   |      |
| 8    | 1    | 129950-59311               | PIPE, FUEL           | 1               |     |      |     |   |      |
| 9    | 2    | 124766-59050               | CLIP, HOSE 12        | 2               |     |      |     |   |      |
| 10   | 2    | 129961-59110               | TUBE, CORRUGATED     | 1               |     |      |     |   |      |
| 11   | 2    | 105025-59580               | PIPE, FUEL           | 1               |     |      |     |   |      |
| 12   | 1    | 121750-59890               | BAND, 140            | 1               |     |      |     |   |      |
| 13   | 1    | 119225-52102               | PUMP ASSY, FUEL FEED | 1               |     |      |     |   |      |
| 13-1 | 1    | 129612-52100<br>(A=E03413) | PUMP ASSY, FUEL FEED | 1               |     |      |     | N |      |
| 14   | 1    | 129906-55700               | SEPARATOR ASSY       | 1               |     |      |     |   |      |
| 15   | 2    | 119802-55710               | ELEMENT              | 1               |     |      |     |   |      |
| 16   | 2    | 129100-55690               | RING, RETAINING      | 1               |     |      |     |   |      |
| 17   | 2    | 24321-000650               | O-RING, 1AG65.0      | 1               |     |      |     |   |      |
| 18   | 2    | 24311-000160               | O-RING, 1AP16.0      | 1               |     |      |     |   |      |
| 19   | 1    | 119840-59601<br>(A=EXXXXX) | BEND                 | 1               |     |      |     | Z |      |
| 20   | 2    | 124766-59050<br>(A=EXXXXX) | CLIP, HOSE 12        | 2               |     |      |     | Z |      |
| 21   | 2    | 119840-59611<br>(A=EXXXXX) | BEND                 | 1               |     |      |     | Z |      |
| 22   | 2    | 119840-59621<br>(A=EXXXXX) | JOINT                | 1               |     |      |     | Z |      |

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

OCD10-M77601

Fig.15. STARTING MOTOR

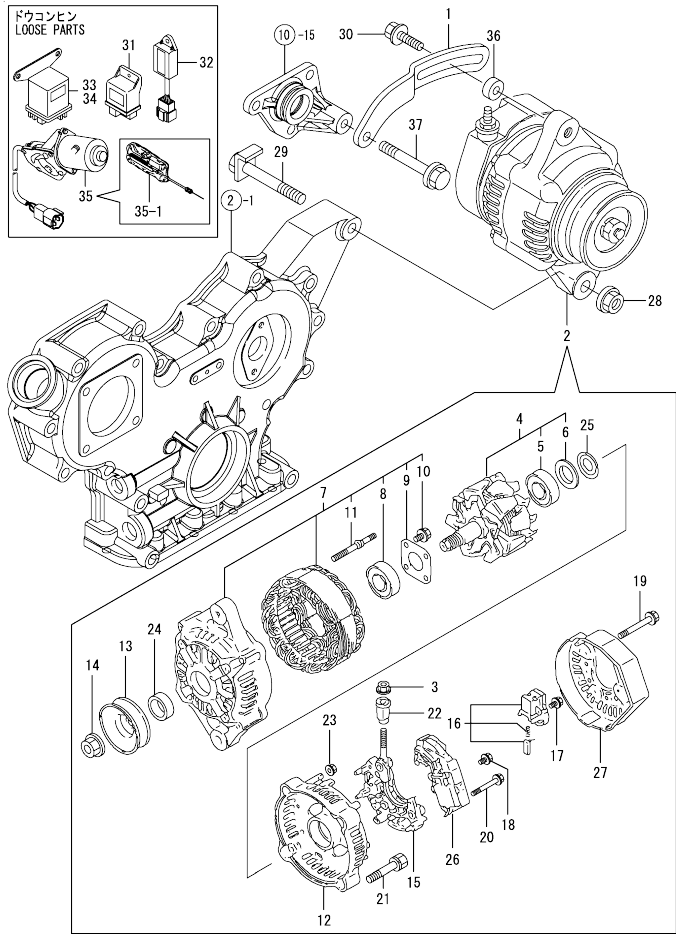


| No.        | Lev. | Parts No.    | Description           | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|-----------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                       | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 129400-77012 | STARTING MOTOR        | 1    |     |     |     |     |     |   |   |
| 1-1        | 1    | 129136-77011 | STARTER               | 1    |     |     |     |     |     |   | N |
| (A=E03990) |      |              |                       |      |     |     |     |     |     |   |   |
| 2          | 2    | 129486-77400 | ARMATUER              | 1    |     |     |     |     |     |   |   |
| 2-1        | 2    | 129900-77400 | ARMATURE ASSY         | 1    |     |     |     |     |     |   | S |
| (A=E03990) |      |              |                       |      |     |     |     |     |     |   |   |
| 3          | 3    | 171008-77410 | BEARING(1)            | 1    |     |     |     |     |     |   |   |
| 3-1        | 3    | X2130350900  | BALL BEARING          | 1    |     |     |     |     |     |   | S |
| (A=E03990) |      |              |                       |      |     |     |     |     |     |   |   |
| 4          | 3    | 171008-77420 | BEARING(2)            | 1    |     |     |     |     |     |   |   |
| 4-1        | 3    | X2114255110  | BEARING, BALL         | 1    |     |     |     |     |     |   | S |
| (A=E03990) |      |              |                       |      |     |     |     |     |     |   |   |
| 5          | 2    | 129400-77441 | COIL ASSY, FIELD      | 1    |     |     |     |     |     |   |   |
| 5-1        | 2    | 129900-77440 | COIL ASSY, FIELD      | 1    |     |     |     |     |     |   | S |
| (A=E03990) |      |              |                       |      |     |     |     |     |     |   |   |
| 6          | 3    | 129486-77460 | BRUSH                 | 2    |     |     |     |     |     |   |   |
| 6-1        | 3    | 129900-77450 | BRUSH (+)             | 2    |     |     |     |     |     |   | S |
| (A=E03990) |      |              |                       |      |     |     |     |     |     |   |   |
| 6A         | 3    | 171008-77450 | SCREW                 | 4    |     |     |     |     |     |   | W |
| (A=E03990) |      |              |                       |      |     |     |     |     |     |   |   |
| 7          | 2    | 129486-77470 | HOLDER ASSY, BRUSH    | 1    |     |     |     |     |     |   |   |
| 7-1        | 2    | 129900-77480 | HOLDER ASSY, BRASH    | 1    |     |     |     |     |     |   | S |
| (A=E03990) |      |              |                       |      |     |     |     |     |     |   |   |
| 8          | 3    | 129486-77460 | BRUSH                 | 2    |     |     |     |     |     |   |   |
| 8-1        | 3    | 129900-77450 | BRUSH (+)             | 2    |     |     |     |     |     |   | S |
| (A=E03990) |      |              |                       |      |     |     |     |     |     |   |   |
| 9          | 3    | 129486-77490 | SPRING, START BRUSH   | 4    |     |     |     |     |     |   |   |
| 9-1        | 3    | 129400-77490 | SPRING, BRUSH         | 4    |     |     |     |     |     |   | S |
| (A=E03990) |      |              |                       |      |     |     |     |     |     |   |   |
| 10         | 2    | 129900-77460 | COVER, REAR           | 1    |     |     |     |     |     |   |   |
| 11         | 2    | 171008-77510 | HOUSING ASSY, GEAR    | 1    |     |     |     |     |     |   |   |
| 12         | 2    | 129400-77520 | HOUSING, CENTER       | 1    |     |     |     |     |     |   |   |
| 12-1       | 2    | 129136-77520 | CENTER HOUSING        | 1    |     |     |     |     |     |   | S |
| (A=E03990) |      |              |                       |      |     |     |     |     |     |   |   |
| 13         | 2    | 129400-77531 | SWITCH ASSY, MAGNETIC | 1    |     |     |     |     |     |   |   |
| 14         | 2    | 171008-77540 | LEVER SET, SHIFT      | 1    |     |     |     |     |     |   |   |
| 17         | 2    | 129400-77571 | DUST COVER, (NON-ASB. | 1    |     |     |     |     |     |   |   |
| 18         | 2    | 129900-77640 | BOLT, THROUGHT        | 2    |     |     |     |     |     |   |   |
| 19         | 2    | 171008-77650 | PINION ASSY           | 1    |     |     |     |     |     |   |   |
| 20         | 3    | 171008-77660 | SHAFT, PINION         | 1    |     |     |     |     |     |   |   |
| 21         | 3    | 171008-77670 | STOPPER SET, PINION   | 1    |     |     |     |     |     |   |   |
| 25         | 3    | X2114555500  | CLUTCH ASSY           | 1    |     |     |     |     |     |   |   |
| 26         | 4    | X2114955020  | BALL BEARING          | 1    |     |     |     |     |     |   |   |
| 27         | 4    | X2240410100  | BEARING, BALL         | 1    |     |     |     |     |     |   |   |
| 28         | 2    | 26106-060322 | BOLT, M6X 32 PLATED   | 2    |     |     |     |     |     |   |   |
| 29         | 2    | 26106-060402 | BOLT, M6X 40 PLATED   | 3    |     |     |     |     |     |   |   |
| 29A        | 2    | 171008-77750 | COVER, M TERMINAL     | 1    |     |     |     |     |     |   | W |
| (A=E03990) |      |              |                       |      |     |     |     |     |     |   |   |
| 30         | 1    | 26116-120252 | BOLT, M12X 25 PLATED  | 2    |     |     |     |     |     |   |   |
| 31         | 1    | 124550-77030 | COVER, TERMINAL       | 1    |     |     |     |     |     |   |   |

N:Old  $\frac{100}{100}$  New, Q:Old  $\frac{100}{100}$  New, R:Old  $\frac{100}{100}$  New, S:Old  $\frac{100}{100}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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OCD10-M77601

Fig.16. GENERATOR

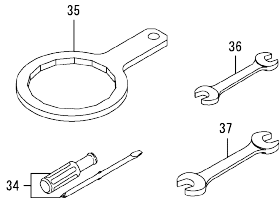
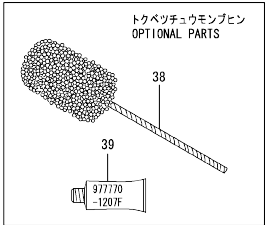
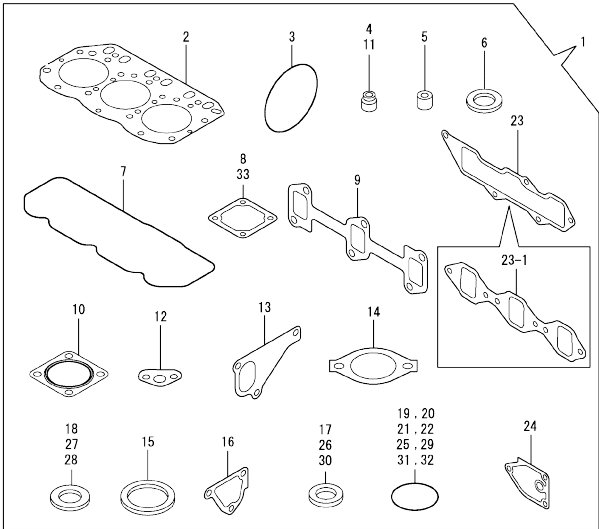


| No.        | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 119802-77320 | ADJUSTER            | 1    |     |     |     |     |     |   |   |
| 1-1        | 1    | 119802-77330 | ADJUSTER            | 1    |     |     |     |     |     | N |   |
| (A=E03990) |      |              |                     |      |     |     |     |     |     |   |   |
| 2          | 1    | 129240-77200 | ALTERNATOR          | 1    |     |     |     |     |     |   |   |
| 3          | 2    | 129240-79310 | NUT                 | 1    |     |     |     |     |     |   |   |
| 4          | 2    | 119620-77380 | ROTOR ASSY          | 1    |     |     |     |     |     |   |   |
| 5          | 3    | 126501-79240 | BALL BEARING        | 1    |     |     |     |     |     |   |   |
| 5-1        | 3    | 123501-79240 | BEARING, BALL       | 1    |     |     |     |     |     | N |   |
| (A=E03990) |      |              |                     |      |     |     |     |     |     |   |   |
| 6          | 3    | 119620-79250 | COVER, BEARING      | 1    |     |     |     |     |     |   |   |
| 7          | 2    | 119620-77421 | FRAME ASSY, DRIVE   | 1    |     |     |     |     |     |   |   |
| 8          | 3    | 119620-79200 | BALL BEARING        | 1    |     |     |     |     |     |   |   |
| 9          | 3    | 119620-79210 | PLATE               | 1    |     |     |     |     |     |   |   |
| 10         | 3    | 119620-79220 | SCREW               | 4    |     |     |     |     |     |   |   |
| 11         | 3    | 119620-79230 | BOLT, STUD          | 2    |     |     |     |     |     |   |   |
| 12         | 2    | 119620-77440 | FLAME ASSY, REAR    | 1    |     |     |     |     |     |   |   |
| 13         | 2    | 119620-77461 | PULLEY              | 1    |     |     |     |     |     |   |   |
| 14         | 2    | 119620-77471 | NUT                 | 1    |     |     |     |     |     |   |   |
| 15         | 2    | 119620-79260 | HOLDER              | 1    |     |     |     |     |     |   |   |
| 16         | 2    | 129052-79270 | HOLDER, BRUSH       | 1    |     |     |     |     |     |   |   |
| 17         | 2    | 119620-79290 | SCREW               | 6    |     |     |     |     |     |   |   |
| 18         | 2    | 119620-79300 | SCREW               | 1    |     |     |     |     |     |   |   |
| 19         | 2    | 119620-79310 | BOLT                | 3    |     |     |     |     |     |   |   |
| 20         | 2    | 119620-79320 | SCREW W/WASHER      | 2    |     |     |     |     |     |   |   |
| 21         | 2    | 119620-79330 | BOLT                | 2    |     |     |     |     |     |   |   |
| 22         | 2    | 119620-79340 | INSULATION BUSH     | 1    |     |     |     |     |     |   |   |
| 23         | 2    | 119620-79350 | NUT                 | 2    |     |     |     |     |     |   |   |
| 24         | 2    | 119620-77490 | COLLAR              | 1    |     |     |     |     |     |   |   |
| 25         | 2    | 119620-79360 | WASHER, THRUST      | 1    |     |     |     |     |     |   |   |
| 26         | 2    | 129240-77710 | REGULATOR ASSY      | 1    |     |     |     |     |     |   |   |
| 27         | 2    | 129240-79300 | COVER               | 1    |     |     |     |     |     |   |   |
| 28         | 1    | 26306-100002 | NUT, M10            | 1    |     |     |     |     |     |   |   |
| 29         | 1    | 119740-77250 | BOLT, M10X76        | 1    |     |     |     |     |     |   |   |
| 30         | 1    | 119810-77340 | BOLT, ADJUSTER      | 1    |     |     |     |     |     |   |   |
| 30-1       | 1    | 129972-77341 | BOLT, ADJUSTER L=50 | 1    |     |     |     |     |     | N |   |
| (A=E03990) |      |              |                     |      |     |     |     |     |     |   |   |
| 31         | 1    | 119802-77200 | RELAY, SAFETY       | 1    |     |     |     |     |     |   |   |
| 32         | 1    | 129211-77920 | TIMER               | 1    |     |     |     |     |     |   |   |
| 33         | 1    | 119646-77900 | RELAY, POWER        | 1    |     |     |     |     |     |   |   |
| 34         | 1    | 119646-77900 | RELAY, POWER        | 1    |     |     |     |     |     |   |   |
| 35         | 1    | 129136-66810 | MOTOR, STOP         | 1    |     |     |     |     |     |   |   |
| 35-1       | 1    | 119032-77910 | MOTOR ASSY          | 1    |     |     |     |     |     | S |   |
| (A=E03990) |      |              |                     |      |     |     |     |     |     |   |   |
| 36         | 1    | 119940-77270 | SPACER, GENERATOR   | 1    |     |     |     |     |     | W |   |
| (A=E03990) |      |              |                     |      |     |     |     |     |     |   |   |
| 37         | 1    | 26106-080452 | BOLT, M8X 45 PLATED | 1    |     |     |     |     |     | W |   |
| (A=E03990) |      |              |                     |      |     |     |     |     |     |   |   |

N:Old  $\frac{100}{100}$  New, Q:Old  $\frac{100}{100}$  New, R:Old  $\frac{100}{100}$  New, S:Old  $\frac{100}{100}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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OCD10-M77601

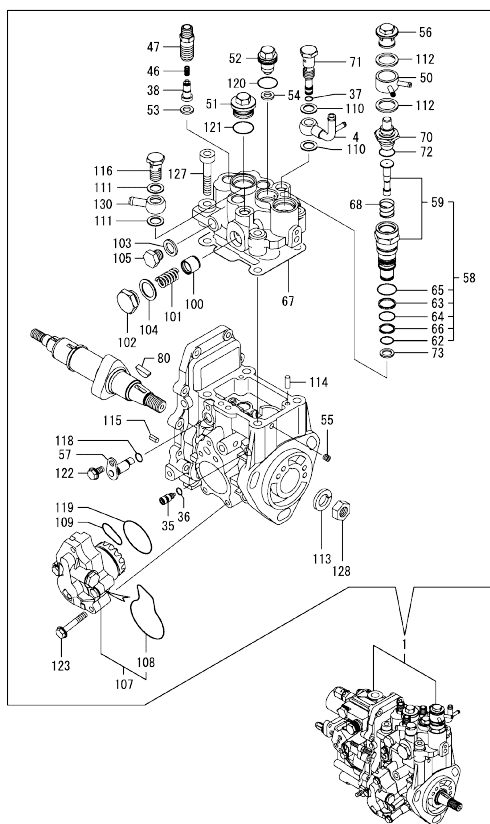
Fig.17. TOOL & GASKET SET



| No.        | Lev. | Parts No.    | Description        | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|--------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                    | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 729001-92730 | GASKET SET         | 1    |     |     |     |     |     |   | 1 |
| 1-1        | 1    | 729001-92731 | GASKET SET         | 1    |     |     |     |     |     | S | 1 |
| (A=EXXXXX) |      |              |                    |      |     |     |     |     |     |   |   |
| 2          | 2    | 129001-01340 | GASKET, HEAD       | 1    |     |     |     |     |     |   |   |
| 3          | 2    | 121850-51960 | O-RING             | 1    |     |     |     |     |     |   |   |
| 4          | 2    | 124460-11340 | SEAL, VALVE STEM   | 3    |     |     |     |     |     |   |   |
| 5          | 2    | 119802-11870 | PROTECTOR, NOZZLE  | 3    |     |     |     |     |     |   |   |
| 6          | 2    | 119625-11880 | SEAT, NOZZLE       | 3    |     |     |     |     |     |   |   |
| 7          | 2    | 129004-11310 | GASKET, BONNET     | 1    |     |     |     |     |     |   |   |
| 8          | 2    | 129150-77511 | GASKET             | 1    |     |     |     |     |     |   |   |
| 9          | 2    | 129150-13110 | GASKET             | 1    |     |     |     |     |     |   |   |
| 10         | 2    | 124701-11911 | GASKET, SILENCER   | 2    |     |     |     |     |     |   |   |
| 11         | 2    | 121400-11340 | SEAL, VALVE STEM   | 3    |     |     |     |     |     |   |   |
| 12         | 2    | 129150-35041 | GASKET             | 1    |     |     |     |     |     |   |   |
| 12-1       | 2    | 129150-35042 | GASKET             | 1    |     |     |     |     |     |   | N |
| (A=E03990) |      |              |                    |      |     |     |     |     |     |   |   |
| 13         | 2    | 129486-42021 | GASKET, WATER PUMP | 1    |     |     |     |     |     |   |   |
| 14         | 2    | 129795-49551 | GASKET             | 1    |     |     |     |     |     |   |   |
| 15         | 2    | 129150-49811 | GASKET, THERMOSTAT | 1    |     |     |     |     |     |   |   |
| 16         | 2    | 124395-49840 | GASKET             | 1    |     |     |     |     |     |   |   |
| 17         | 2    | 22190-080002 | WASHER, SEAL 6     | 2    |     |     |     |     |     |   |   |
| 18         | 2    | 124465-44950 | GASKET, 16         | 1    |     |     |     |     |     |   |   |
| 19         | 2    | 24311-000120 | O-RING, 1AP12.0    | 3    |     |     |     |     |     |   |   |
| 20         | 2    | 24311-000320 | O-RING, 1AP32.0    | 3    |     |     |     |     |     |   |   |
| 20-1       | 2    | 24311-000320 | O-RING, 1AP32.0    | 2    |     |     |     |     |     |   | K |
| (A=EXXXXX) |      |              |                    |      |     |     |     |     |     |   |   |
| 21         | 2    | 24341-000240 | O-RING, 1AS24.0    | 1    |     |     |     |     |     |   |   |
| 22         | 2    | 129486-42140 | O-RING, G30        | 1    |     |     |     |     |     |   |   |
| 23         | 2    | 129001-12110 | GASKET, MANIFOLD   | 1    |     |     |     |     |     |   |   |
| 23-1       | 2    | 129150-12111 | GASKET, MANIFOLD   | 1    |     |     |     |     |     |   | S |
| (A=EXXXXX) |      |              |                    |      |     |     |     |     |     |   |   |
| 24         | 2    | 129150-35111 | GASKET             | 1    |     |     |     |     |     |   |   |
| 25         | 2    | 119609-32040 | O-RING, P16        | 4    |     |     |     |     |     |   |   |
| 26         | 2    | 22190-100002 | WASHER, SEAL 10    | 2    |     |     |     |     |     |   |   |
| 27         | 2    | 23414-080000 | GASKET, 8X1.0      | 1    |     |     |     |     |     |   |   |
| 28         | 2    | 129150-49360 | GASKET             | 1    |     |     |     |     |     |   |   |
| 29         | 2    | 24311-000150 | O-RING, 1AP15.0    | 1    |     |     |     |     |     |   |   |
| 30         | 2    | 22190-220002 | WASHER, SEAL 22    | 1    |     |     |     |     |     |   |   |
| 31         | 2    | 24311-000300 | O-RING, 1AP30.0    | 1    |     |     |     |     |     |   | Z |
| (A=EXXXXX) |      |              |                    |      |     |     |     |     |     |   |   |
| 32         | 2    | 24311-240100 | O-RING, 1AP10A     | 1    |     |     |     |     |     |   | Z |
| (A=EXXXXX) |      |              |                    |      |     |     |     |     |     |   |   |
| 33         | 2    | 129100-77510 | GASKET, AIR HEATER | 1    |     |     |     |     |     |   |   |
| 34         | 1    | 104200-92350 | DRIVER, SCREW      | 1    |     |     |     |     |     |   |   |
| 35         | 1    | 119640-92750 | WRENCH, FILTER 80  | 1    |     |     |     |     |     |   |   |
| 36         | 1    | 28110-100120 | SPANNER, 10X12     | 1    |     |     |     |     |     |   |   |
| 37         | 1    | 28110-140170 | SPANNER, 14X17     | 1    |     |     |     |     |     |   |   |
| 38         | 1    | 129400-92430 | HONE               | 1    |     |     |     |     |     |   | 1 |
| 39         | 1    | 977770-1207F | GASKET, LIQUID     | 1    |     |     |     |     |     |   | 1 |

Remarks

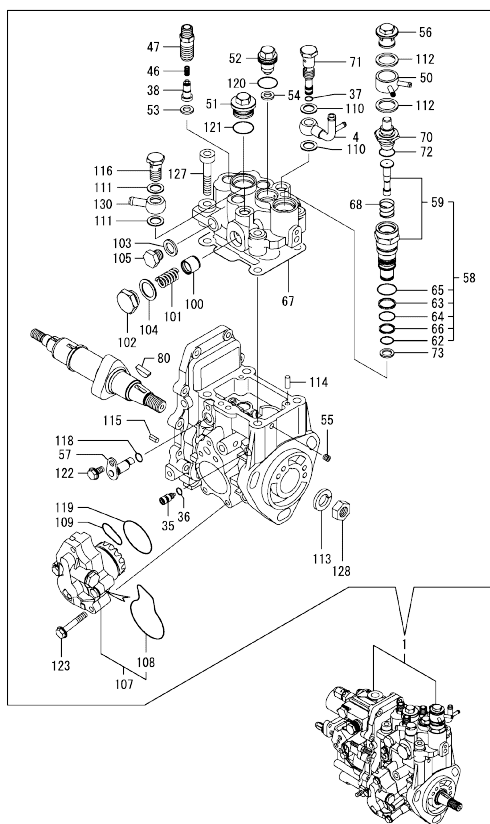
(1) OPTIONAL PARTS.



Remarks  
(1) GOVERNOR ASSY(FIG.19) IS  
INCORPORATED IN THIS FOP.CMP  
(REF.NO.1).

[illegible]

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

Remarks  
(1) GOVERNOR ASSY(FIG.19) IS  
INCORPORATED IN THIS FOP.CMP  
(REF.NO.1).

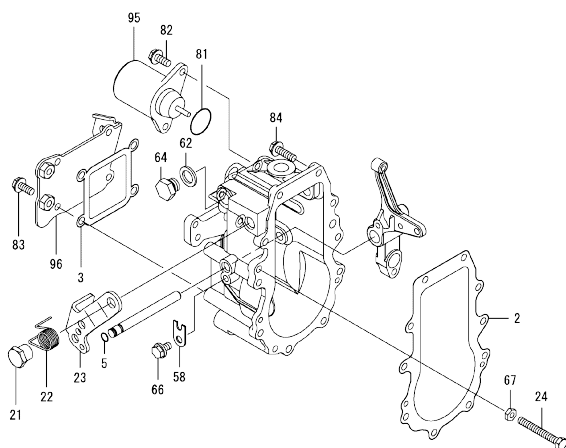
(A)=3TNV88-XTBZ  
(B)=  
(C)=

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

| No.   | Lev. | Parts No.    | Description         | (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|-------|------|--------------|---------------------|-----|-----|-----|-----|-----|-----|---|---|
|       |      | (A=E02010)   |                     |     |     |     |     |     |     |   |   |
| 120   | 2    | 24356-010180 | O-RING, 4D1018      | 1   |     |     |     |     |     |   |   |
| 121   | 2    | 24356-010200 | O-RING, 4D1020      | 1   |     |     |     |     |     |   |   |
| 122   | 2    | 26106-060102 | BOLT, M6X 10 PLATED | 1   |     |     |     |     |     |   |   |
| 123   | 2    | 26106-060352 | BOLT, M6X 35 PLATED | 4   |     |     |     |     |     |   |   |
| 123-1 | 2    | 158553-51770 | BOLT                | 4   |     |     |     |     |     | N |   |
| 127   | 2    | 26450-080452 | BOLT, M8X 45        | 4   |     |     |     |     |     |   |   |
| 128   | 2    | 26776-140002 | NUT, LOCK M14       | 1   |     |     |     |     |     |   |   |
| 130   | 2    | 129916-59020 | JOINT, PIPE 12      | 1   |     |     |     |     |     |   |   |

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

Fig.19. GOVERNOR(INNER PARTS)



Remarks  
\* THIS FIGURE(GOVERNOR ASSY)IS  
INCORPORATED IN THE FUEL INJECTION  
PUMP ASSY(FIG.18).

| No.        | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 2          | 2    | 158553-61050 | GASKET               | 1    |     |     |     |     |     |   |   |
| 3          | 2    | 158553-61070 | 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    |     |     |     |     |     |   |   |
| 58         | 2    | 119660-61901 | RETAINER, SHAFT      | 1    |     |     |     |     |     |   |   |
| 62         | 2    | 22190-120000 | WASHER, SEAL 12      | 1    |     |     |     |     |     |   |   |
| 64         | 2    | 23887-120002 | PLUG, 12             | 1    |     |     |     |     |     |   |   |
| 66         | 2    | 26106-060102 | BOLT, M6X 10 PLATED  | 1    |     |     |     |     |     |   |   |
| 67         | 2    | 26756-060002 | NUT, LOCK M6         | 1    |     |     |     |     |     |   |   |
| 81         | 2    | 24341-000280 | O-RING, 1AS28.0      | 1    |     |     |     |     |     |   |   |
| 81-1       | 2    | 158552-61900 | O-RING               | 1    |     |     |     |     |     |   | N |
| (A=EXXXXX) |      |              |                      |      |     |     |     |     |     |   |   |
| 82         | 2    | 26106-060142 | BOLT, M6X 14 PLATED  | 2    |     |     |     |     |     |   |   |
| 83         | 2    | 26106-060142 | BOLT, M6X 14 PLATED  | 4    |     |     |     |     |     |   |   |
| 84         | 2    | 26106-060202 | BOLT, M6X 20 PLATED  | 10   |     |     |     |     |     |   |   |
| 95         | 2    | 119233-77932 | SOLENOID, STOP       | 1    |     |     |     |     |     |   |   |
| 96         | 2    | 129642-61060 | COVER, GOVERNOR CASE | 1    |     |     |     |     |     |   |   |

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

## Parts No. Index

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 104200-92350 | 17       | 34       |
| 105025-59580 | 14       | 11       |
| 114250-39450 | 9        | 18       |
| 114250-53080 | 13       | 5        |
| 114250-53120 | 13       | 10       |
| 114250-53130 | 13       | 11       |
| 114250-53140 | 13       | 12       |
| 114250-53210 | 13       | 13       |
| 114250-53400 | 13       | 14       |
| 119032-77910 | 16       | 35 -1    |
| 119131-18320 | 6        | 3        |
| 119225-11740 | 2        | 32       |
| 119225-11750 | 2        | 34       |
| 119225-52102 | 14       | 13       |
| 119233-77932 | 19       | 95       |
| 119255-44660 | 11       | 12       |
| 119260-34810 | 9        | 2        |
| 119266-49350 | 10       | 31       |
| 119305-59120 | 13       | 26       |
| 119593-59580 | 13       | 54       |
| 119593-59581 | 13       | 54 -1    |
| 119609-32040 | 2        | 17       |
|              | 17       | 25       |
| 119620-01750 | 3        | 3        |
| 119620-77380 | 16       | 4        |
| 119620-77421 | 16       | 7        |
| 119620-77440 | 16       | 12       |
| 119620-77461 | 16       | 13       |
| 119620-77471 | 16       | 14       |
| 119620-77490 | 16       | 24       |
| 119620-79200 | 16       | 8        |
| 119620-79210 | 16       | 9        |
| 119620-79220 | 16       | 10       |
| 119620-79230 | 16       | 11       |
| 119620-79250 | 16       | 6        |
| 119620-79260 | 16       | 15       |
| 119620-79290 | 16       | 17       |
| 119620-79300 | 16       | 18       |
| 119620-79310 | 16       | 19       |
| 119620-79320 | 16       | 20       |
| 119620-79330 | 16       | 21       |
| 119620-79340 | 16       | 22       |
| 119620-79350 | 16       | 23       |
| 119620-79360 | 16       | 25       |
| 119625-11880 | 4        | 33       |
|              | 17       | 6        |
|              | 3        | 8        |
| 119640-01640 | 17       | 35       |
| 119640-92750 | 16       | 33       |
| 119646-77900 |          | 34       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 119660-61901 | 19       | 58       |
| 119717-44740 | 10       | 22 -1    |
| 119740-77250 | 16       | 29       |
| 119802-01520 | 2        | 12       |
| 119802-01560 | 2        | 13       |
| 119802-01561 | 2        | 13 -1    |
| 119802-03110 | 4        | 44       |
| 119802-03120 | 4        | 45       |
| 119802-03121 | 4        | 45 -1    |
| 119802-03130 | 4        | 46       |
| 119802-03140 | 4        | 47       |
| 119802-03141 | 4        | 47 -1    |
| 119802-11260 | 4        | 6        |
| 119802-11270 | 4        | 7        |
| 119802-11280 | 4        | 8        |
| 119802-11870 | 4        | 32       |
|              | 17       | 5        |
| 119802-12560 | 5        | 15       |
| 119802-21201 | 8        | 5        |
| 119802-21202 | 8        | 5 -1     |
| 119802-25051 | 7        | 10       |
| 119802-25070 | 7        | 14       |
| 119802-25071 | 7        | 14 -1    |
| 119802-25100 | 7        | 11       |
| 119802-25101 | 7        | 11 -1    |
| 119802-25901 | 7        | 17       |
| 119802-32070 | 2        | 8        |
| 119802-32100 | 2        | 7        |
| 119802-32111 | 2        | 18       |
| 119802-32120 | 2        | 19       |
| 119802-32130 | 2        | 20       |
| 119802-34850 | 9        | 3        |
| 119802-35100 | 9        | 12       |
| 119802-35110 | 9        | 13       |
| 119802-39450 | 9        | 20       |
| 119802-44540 | 11       | 7        |
| 119802-49112 | 10       | 10       |
| 119802-49113 | 10       | 10 -1    |
| 119802-49730 | 10       | 37       |
| 119802-51090 | 18       | 80       |
| 119802-51250 | 12       | 2        |
| 119802-51560 | 18       | 52       |
| 119802-51590 | 18       | 58       |
| 119802-51600 | 18       | 59       |
| 119802-51680 | 18       | 63       |
| 119802-51690 | 18       | 64       |
| 119802-55710 | 14       | 15       |
| 119802-55800 | 14       | 2        |
| 119802-55801 | 14       | 2 -1     |
| 119802-59550 | 13       | 48       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 119802-59550 | 13       | 50 B     |
| 119802-59560 | 13       | 50       |
|              |          | 50 D     |
| 119802-77200 | 16       | 31       |
| 119802-77320 | 16       | 1        |
| 119802-77330 | 16       | 1 -1     |
| 119807-61420 | 19       | 22       |
| 119808-12520 | 5        | 18       |
| 119808-12540 | 5        | 19       |
| 119810-77340 | 16       | 30       |
| 119840-59601 | 14       | 19       |
| 119840-59611 | 14       | 21       |
| 119840-59621 | 14       | 22       |
| 119865-21600 | 8        | 15       |
| 119866-12541 | 5        | 20       |
| 119910-12210 | 5        | 14       |
| 119910-12510 | 5        | 17       |
| 119934-01800 | 2        | 6 -1     |
| 119940-77270 | 16       | 36       |
| 120130-11860 | 4        | 19       |
| 120270-54410 | 4        | 35       |
| 121023-01550 | 2        | 27       |
| 121023-01551 | 2        | 27 -1    |
| 121111-21501 | 8        | 12       |
| 121120-13590 | 6        | 9        |
| 121250-44901 | 10       | 32       |
| 121256-44600 | 11       | 11       |
| 121267-44760 | 10       | 23       |
| 121400-11340 | 4        | 28       |
|              | 17       | 11       |
| 121450-44531 | 11       | 3        |
| 121470-44581 | 11       | 5        |
| 121520-34810 | 9        | 2 -1     |
| 121550-23200 | 8        | 29       |
| 121750-49110 | 10       | 30       |
| 121750-59890 | 14       | 12       |
| 121850-21680 | 8        | 11       |
| 121850-42410 | 10       | 8        |
| 121850-51960 | 2        | 21       |
|              | 17       | 3        |
| 123501-79240 | 16       | 5 -1     |
| 123900-13610 | 6        | 5        |
| 123900-13630 | 6        | 4        |
| 124060-01050 | 1        | 5        |
| 124060-77680 | 13       | 55       |
| 124160-01751 | 2        | 14       |
|              | 4        | 40       |
| 124160-01910 | 1        | 7        |
|              |          | 8        |
| 124160-11360 | 4        | 53       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 124160-39140 | 9        | 19       |
| 124240-01871 | 2        | 15       |
| 124395-49840 | 10       | 17       |
|              | 17       | 16       |
| 124450-44550 | 11       | 9        |
| 124450-44560 | 11       | 4        |
| 124460-11340 | 4        | 29       |
|              | 17       | 4        |
| 124465-44950 | 10       | 33       |
|              | 17       | 18       |
| 124550-77030 | 15       | 31       |
| 124574-44761 | 10       | 23 -1    |
| 124701-11911 | 6        | 7        |
|              | 17       | 10       |
| 124722-59050 | 10       | 38       |
|              |          | 41       |
|              | 13       | 49       |
|              |          | 50 C     |
|              |          | 52       |
| 124766-59050 | 14       | 5        |
|              |          | 9        |
|              |          | 20       |
| 126501-79240 | 16       | 5        |
| 129001-01250 | 1        | 6        |
| 129001-01340 | 1        | 33       |
|              | 17       | 2        |
| 129001-02930 | 1        | 25       |
| 129001-02931 | 1        | 25 -1    |
| 129001-12110 | 5        | 5        |
|              | 17       | 23       |
| 129001-32330 | 2        | 11       |
| 129001-91841 | 2        | 22       |
| 129002-21590 | 8        | 13       |
| 129004-01190 | 1        | 31       |
| 129004-03010 | 4        | 42       |
| 129004-03080 | 5        | 1        |
| 129004-11100 | 4        | 24       |
| 129004-11130 | 4        | 24 -1    |
| 129004-11241 | 4        | 3        |
| 129004-11251 | 4        | 4        |
| 129004-11310 | 4        | 50       |
|              | 17       | 7        |
| 129004-11350 | 4        | 41       |
| 129004-11650 | 4        | 10       |
| 129004-11700 | 4        | 15       |
| 129004-11900 | 4        | 34       |
| 129004-12100 | 5        | 3        |
| 129004-13129 | 6        | 1        |
| 129004-13200 | 6        | 7 -1     |
| 129004-21001 | 8        | 1        |

## Parts No. Index

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 129004-21002 | 8        | 1 -1     |
| 129004-21650 | 8        | 9        |
| 129004-42000 | 10       | 1        |
| 129004-42001 | 10       | 1 -1     |
| 129004-42040 | 10       | 15       |
| 129004-49010 | 11       | 14       |
| 129004-49610 | 10       | 35       |
| 129004-49620 | 10       | 39       |
| 129004-49711 | 10       | 36       |
| 129004-49721 | 10       | 40       |
| 129004-53001 | 13       | 2        |
| 129004-55610 | 14       | 1        |
| 129004-55611 | 14       | 1 -1     |
| 129004-55612 | 14       | 1 -2     |
| 129004-59810 | 13       | 35       |
| 129004-59820 | 13       | 39       |
| 129004-59830 | 13       | 43       |
| 129005-21650 | 8        | 9 -1     |
| 129005-22080 | 8        | 16       |
| 129005-22500 | 8        | 18       |
| 129005-22900 | 8        | 34       |
| 129005-22950 | 8        | 36       |
| 129005-34802 | 9        | 1 -1     |
| 129005-59830 | 9        | 21       |
| 129044-59010 | 14       | 4        |
| 129044-59100 | 14       | 6        |
| 129052-79270 | 16       | 16       |
| 129100-01580 | 3        | 1        |
|              | 8        | 14       |
| 129100-01640 | 3        | 15       |
| 129100-01730 | 3        | 6        |
| 129100-11110 | 4        | 25       |
| 129100-11111 | 4        | 25 -1    |
| 129100-11112 | 4        | 25 -2    |
| 129100-23910 | 8        | 28       |
| 129100-35140 | 9        | 14       |
| 129100-42051 | 10       | 3        |
| 129100-42121 | 10       | 4        |
| 129100-55690 | 14       | 16       |
| 129100-77500 | 5        | 8        |
| 129100-77501 | 5        | 8 -1     |
| 129100-77510 | 5        | 9        |
|              | 17       | 33       |
| 129107-44590 | 11       | 8        |
| 129129-14580 | 7        | 3        |
| 129132-44590 | 11       | 10       |
| 129136-66810 | 16       | 35       |
| 129136-77011 | 15       | 1 -1     |
| 129136-77520 | 15       | 12 -1    |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 129150-01200 | 1        | 32       |
| 129150-02020 | 1        | 10       |
| 129150-02450 | 7        | 4        |
| 129150-02870 | 1        | 34       |
| 129150-02871 | 1        | 34 -1    |
| 129150-02930 | 1        | 28       |
| 129150-02931 | 1        | 28 -1    |
| 129150-02940 | 1        | 37       |
| 129150-02941 | 1        | 37 -1    |
| 129150-03070 | 4        | 43       |
| 129150-11230 | 4        | 11       |
| 129150-11280 | 4        | 9        |
| 129150-11370 | 4        | 14       |
| 129150-11750 | 4        | 13       |
| 129150-11810 | 4        | 21       |
| 129150-12111 | 5        | 5 -1     |
|              | 17       | 23 -1    |
| 129150-13110 | 6        | 2        |
|              | 17       | 9        |
| 129150-14101 | 7        | 7        |
| 129150-14200 | 7        | 1        |
| 129150-14400 | 7        | 2        |
| 129150-23600 | 8        | 30       |
| 129150-23601 | 8        | 30 -1    |
| 129150-23610 | 8        | 32       |
| 129150-23611 | 8        | 32 -1    |
| 129150-25301 | 7        | 16       |
| 129150-35041 | 9        | 6        |
|              | 17       | 12       |
| 129150-35042 | 9        | 6 -1     |
|              | 17       | 12 -1    |
| 129150-35091 | 9        | 7        |
| 129150-35111 | 9        | 15       |
|              | 17       | 24       |
| 129150-35153 | 9        | 16       |
| 129150-49080 | 11       | 17       |
| 129150-49100 | 11       | 16       |
| 129150-49360 | 10       | 34       |
|              | 17       | 28       |
| 129150-49811 | 10       | 26       |
|              | 17       | 15       |
| 129150-59120 | 13       | 30       |
|              |          | 30 -1    |
| 129150-59131 | 13       | 29       |
|              |          | 33       |
|              |          | 33 -1    |
| 129150-77511 | 5        | 10       |
|              | 17       | 8        |
| 129155-42350 | 10       | 20       |
| 129155-51280 | 19       | 5        |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 129155-61460 | 19       | 24       |
| 129175-01770 | 3        | 7 -1     |
| 129202-22300 | 8        | 22       |
| 129211-77920 | 16       | 32       |
| 129240-77200 | 16       | 2        |
| 129240-77710 | 16       | 26       |
| 129240-79300 | 16       | 27       |
| 129240-79310 | 16       | 3        |
| 129242-13500 | 6        | 8        |
| 129242-13520 | 6        | 8 -1     |
| 129242-49010 | 11       | 14 -1    |
| 129242-49020 | 11       | 15       |
| 129255-61410 | 19       | 21       |
| 129259-12570 | 5        | 21       |
| 129263-03080 | 5        | 1 -1     |
| 129263-12100 | 5        | 3 -1     |
| 129263-12210 | 5        | 4 A      |
| 129263-59550 | 13       | 48 -1    |
| 129263-59811 | 13       | 35 -1    |
| 129263-59821 | 13       | 39 -1    |
| 129263-59831 | 13       | 43 -1    |
| 129350-49530 | 10       | 27       |
| 129400-77012 | 15       | 1        |
| 129400-77441 | 15       | 5        |
| 129400-77490 | 15       | 9 -1     |
| 129400-77520 | 15       | 12       |
| 129400-77531 | 15       | 13       |
| 129400-77571 | 15       | 17       |
| 129400-92430 | 17       | 38       |
| 129410-03990 | 5        | 2        |
| 129418-32320 | 2        | 10       |
| 129457-49801 | 10       | 25       |
| 129467-44580 | 11       | 8 A      |
| 129467-44590 | 11       | 8 B      |
| 129486-01670 | 3        | 18       |
| 129486-12581 | 5        | 11 -1    |
| 129486-42021 | 10       | 14       |
|              | 17       | 13       |
| 129486-42140 | 10       | 16       |
|              | 17       | 22       |
| 129486-59320 | 13       | 50 A     |
| 129486-59551 | 13       | 51       |
| 129486-77400 | 15       | 2        |
| 129486-77460 | 15       | 6        |
|              |          | 8        |
| 129486-77470 | 15       | 7        |
| 129486-77490 | 15       | 9        |
| 129602-34800 | 9        | 1        |
| 129612-01600 | 3        | 2        |
| 129612-12560 | 5        | 28       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 129612-12590 | 5        | 30       |
| 129612-12691 | 5        | 16       |
| 129612-42330 | 10       | 21       |
| 129612-52100 | 14       | 13 -1    |
| 129612-77260 | 2        | 31       |
| 129642-44520 | 11       | 7 -1     |
| 129642-61060 | 19       | 96       |
| 129795-01780 | 3        | 17       |
| 129795-01800 | 2        | 6        |
| 129795-01950 | 2        | 16       |
| 129795-02411 | 1        | 13       |
| 129795-02412 | 1        | 13 -1    |
| 129795-11120 | 4        | 26       |
| 129795-11180 | 4        | 27       |
| 129795-21661 | 8        | 10       |
| 129795-49551 | 10       | 28       |
|              | 17       | 14       |
| 129900-07900 | 4        | 1        |
| 129900-32130 | 2        | 9        |
| 129900-77400 | 15       | 2 -1     |
| 129900-77440 | 15       | 5 -1     |
| 129900-77450 | 15       | 6 -1     |
|              |          | 8 -1     |
| 129900-77460 | 15       | 10       |
| 129900-77480 | 15       | 7 -1     |
| 129900-77640 | 15       | 18       |
| 129906-55700 | 14       | 14       |
| 129916-49740 | 10       | 13 -1    |
| 129916-59020 | 18       | 130      |
| 129950-59311 | 14       | 8        |
| 129953-12620 | 5        | 22       |
| 129953-44910 | 11       | 13       |
| 129961-59110 | 14       | 10       |
| 129972-77341 | 16       | 30 -1    |
| 158552-51151 | 7        | 18       |
| 158552-51570 | 18       | 53       |
|              |          | 54       |
| 158552-51580 | 18       | 57       |
| 158552-51600 | 18       | 67       |
| 158552-51670 | 18       | 4        |
| 158552-51780 | 18       | 101      |
| 158552-51781 | 18       | 101 -1   |
| 158552-52100 | 18       | 107      |
| 158552-52310 | 18       | 109      |
| 158552-52400 | 18       | 119 -1   |
| 158552-52500 | 18       | 108      |
| 158552-61441 | 19       | 23       |
| 158552-61900 | 19       | 81 -1    |
| 158553-51551 | 18       | 50       |
| 158553-51630 | 18       | 68       |

## Parts No. Index

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 158553-51640 | 18       | 70       |
| 158553-51660 | 18       | 72       |
| 158553-51670 | 18       | 62       |
| 158553-51680 | 18       | 73       |
| 158553-51770 | 18       | 123 -1   |
| 158553-61050 | 19       | 2        |
| 158553-61070 | 19       | 3        |
| 158557-51570 | 18       | 55       |
| 158560-51300 | 18       | 38       |
| 158563-51281 | 18       | 36       |
|              |          | 37       |
| 158563-51330 | 18       | 46       |
| 158600-51270 | 18       | 35       |
| 158601-51340 | 18       | 47       |
| 158601-51550 | 18       | 51       |
| 158601-51570 | 18       | 56       |
| 158601-51650 | 18       | 71       |
| 158601-51770 | 18       | 100      |
| 158601-51790 | 18       | 102      |
| 171008-77410 | 15       | 3        |
| 171008-77420 | 15       | 4        |
| 171008-77450 | 15       | 6 A      |
| 171008-77510 | 15       | 11       |
| 171008-77540 | 15       | 14       |
| 171008-77650 | 15       | 19       |
| 171008-77660 | 15       | 20       |
| 171008-77670 | 15       | 21       |
| 171008-77750 | 15       | 29 A     |
| 171031-11741 | 2        | 33       |
| 171051-01921 | 1        | 9        |
| 171064-44510 | 11       | 1        |
| 171340-44740 | 10       | 22       |
| 171340-77520 | 5        | 11       |
| 22117-100000 | 6        | 11       |
| 22190-080002 | 9        | 23       |
|              |          | 25       |
|              | 17       | 17       |
| 22190-100002 | 9        | 24       |
|              | 17       | 26       |
| 22190-120000 | 19       | 62       |
| 22190-120002 | 18       | 103      |
|              |          | 110      |
|              |          | 111      |
| 22190-180002 | 18       | 104      |
|              |          | 112      |
| 22190-220002 | 3        | 10       |
|              | 17       | 30       |
| 22217-100000 | 6        | 12       |
| 22217-140000 | 7        | 19       |
|              | 18       | 113      |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 22252-000260 | 8        | 23       |
| 22312-050140 | 18       | 114      |
| 22351-030010 | 8        | 8        |
| 22351-050010 | 18       | 115      |
| 22351-060012 | 4        | 36       |
| 22512-070140 | 7        | 8        |
|              | 8        | 6        |
| 22857-500100 | 4        | 51       |
|              |          | 52       |
| 23000-060000 | 5        | 25       |
|              |          | 31       |
| 23010-038000 | 11       | 21       |
| 23065-070225 | 11       | 6        |
| 23414-080000 | 10       | 42       |
|              | 17       | 27       |
| 23857-030000 | 9        | 22       |
| 23857-060000 | 18       | 116      |
| 23876-010000 | 10       | 11       |
| 23876-020000 | 10       | 12       |
| 23876-030000 | 2        | 4        |
|              | 10       | 13       |
| 23876-040000 | 2        | 5        |
| 23887-120002 | 18       | 105      |
|              | 19       | 64       |
| 24311-000070 | 18       | 118      |
| 24311-000120 | 4        | 54       |
|              | 17       | 19       |
| 24311-000150 | 17       | 29       |
| 24311-000160 | 14       | 18       |
| 24311-000300 | 2        | 35       |
|              | 17       | 31       |
| 24311-000320 | 2        | 23       |
|              |          | 36       |
|              | 4        | 55       |
|              | 17       | 20       |
|              |          | 20 -1    |
| 24311-240100 | 9        | 4        |
|              | 17       | 32       |
| 24321-000650 | 14       | 17       |
| 24341-000240 | 2        | 28       |
|              | 17       | 21       |
| 24341-000280 | 19       | 81       |
| 24341-000420 | 18       | 119      |
| 24356-010180 | 18       | 120      |
| 24356-010200 | 18       | 65       |
|              |          | 121      |
| 24372-000150 | 18       | 66       |
| 26013-080222 | 5        | 26       |
|              |          | 27       |
| 26106-060102 | 18       | 122      |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 26106-060102 | 19       | 66       |
| 26106-060142 | 19       | 82       |
|              |          | 83       |
| 26106-060162 | 2        | 29       |
| 26106-060202 | 10       | 24 -1    |
|              | 19       | 84       |
| 26106-060302 | 10       | 24       |
| 26106-060322 | 15       | 28       |
| 26106-060352 | 18       | 123      |
| 26106-060402 | 15       | 29       |
| 26106-080122 | 10       | 43       |
| 26106-080142 | 4        | 2        |
|              | 7        | 9        |
| 26106-080162 | 2        | 24       |
|              |          | 25       |
|              | 3        | 11       |
|              | 4        | 2 -1     |
|              | 9        | 5        |
|              | 10       | 18       |
|              | 12       | 3        |
| 26106-080202 | 5        | 6        |
|              | 9        | 17       |
|              | 12       | 4        |
| 26106-080222 | 10       | 29       |
| 26106-080252 | 3        | 12       |
|              | 4        | 37       |
|              | 5        | 6 -1     |
| 26106-080302 | 14       | 3        |
| 26106-080352 | 3        | 20       |
|              | 4        | 38       |
|              | 9        | 11       |
| 26106-080402 | 5        | 12       |
|              | 7        | 15       |
| 26106-080452 | 3        | 13       |
|              |          | 13 -1    |
|              | 10       | 44       |
|              | 16       | 37       |
| 26106-080502 | 3        | 21       |
|              | 4        | 39       |
| 26106-080552 | 2        | 26       |
| 26106-080602 | 10       | 19       |
| 26106-080702 | 5        | 7 -1     |
| 26106-080802 | 5        | 7        |
|              |          | 13       |
| 26106-100202 | 6        | 15       |
| 26106-100652 | 6        | 13       |
| 26116-120252 | 15       | 30       |
| 26206-100252 | 3        | 4        |
| 26206-100302 | 3        | 5        |
| 26306-080002 | 2        | 31 -1    |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 26306-080002 | 6        | 6        |
|              |          | 16       |
| 26306-100002 | 16       | 28       |
| 26366-060002 | 9        | 26       |
| 26450-080452 | 18       | 127      |
| 26706-100002 | 6        | 14       |
| 26756-060002 | 19       | 67       |
| 26776-140002 | 7        | 20       |
|              | 18       | 128      |
| 27241-120000 | 1        | 14       |
| 27241-300000 | 1        | 15       |
| 27241-400000 | 4        | 23       |
| 27310-080001 | 4        | 30       |
| 28110-100120 | 17       | 36       |
| 28110-140170 | 17       | 37       |
| 729001-92730 | 17       | 1        |
| 729001-92731 | 17       | 1 -1     |
| 729005-01560 | 1        | 1        |
| 729102-01540 | 3        | 7        |
| 729240-01500 | 2        | 1        |
| 729242-51340 | 12       | 1        |
|              | 18       | 1        |
| 729245-53100 | 13       | 1        |
| 729402-23100 | 8        | 24       |
| 977770-1207F | 2        | 30       |
|              | 3        | 19       |
|              | 4        | 63       |
|              | 17       | 39       |
| X2114255110  | 15       | 4 -1     |
| X2114555500  | 15       | 25       |
| X2114955020  | 15       | 26       |
| X2130350900  | 15       | 3 -1     |
| X2240410100  | 15       | 27       |