

0CD10-M69402EN



## 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   |
|                                               |      | (A=E00185) (B=E00200)                                  |                     |     |     |     |     |     |     |
| 3                                             | 2    | 26022-060162                                           | SCREW M 6X 16       | 9   | 9   | 9   | 9   | 9   |     |
| 3-1                                           | 2    | 26022-060162                                           | SCREW M 6X 16       | 4   | 4   | 4   | 4   | 4   | K   |
|                                               |      | (A=E00156) (B=E00156) (C=E00156) (D=E00156) (E=E00156) |                     |     |     |     |     |     |     |
| 4                                             | 2    | 129470-51040                                           | CAMSHAFT            | 1   | 1   | 1   | 1   | 1   |     |
| 5                                             | 2    | 122710-51050                                           | BEARING, ROLLER     | 2   | 2   | 2   | 2   | 2   |     |
| 6                                             | 2    | 129470-51060                                           | RETAINER            | 1   | 1   | 1   | 1   | 1   |     |

Remarks

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

### ① Ref. No.

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

(Ex.) Illustration No.

List Ref No.

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

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

### ② Lev. (Level)

Level indication

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

1 ---- Main parts (Assembly parts)

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

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

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

### ③ Interchangeability Symbol

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

| Symbol | Interchangeability                        | Contents note                                                                              |
|--------|-------------------------------------------|--------------------------------------------------------------------------------------------|
| N      | Old $\xrightarrow{\text{Yes}}$ New<br>No  | New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part. |
| Q      | Old $\xrightarrow{\text{No}}$ New<br>Yes  | New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part. |
| R      | Old $\xrightarrow{\text{Yes}}$ New<br>Yes | New/ Old Parts are both interchangeable.                                                   |
| S      | Old $\xrightarrow{\text{No}}$ New<br>No   | New/ Old Parts are both not interchangeable.                                               |
| W      |                                           | Part newly added.                                                                          |
| Z      |                                           | Part discontinued.                                                                         |
| F      |                                           | Not interchangeable by a single part but interchangeable together with related parts.      |
| K      |                                           | Changes only for used parts quantities.                                                    |

### ④ Effective Machine No.

When a part changes, the effective Machine No. will be indicated in the (A)-(F) column.

| Product Symbol | Product No.               | Product Symbol | Product No.                       |
|----------------|---------------------------|----------------|-----------------------------------|
| C              | Clutch No. Compressor No. | F              | Machine No. (Agricultural Equip.) |
| D              | Drive No.                 | M              | Machine No.                       |
| E              | Engine No.                |                |                                   |

Note 1) A date may follow the symbol. (Ex.) 1996.01

Note 2) "XXXXX" and "ZZZZZ" are for parts that could not be predicted or for engine models that could not be identified.

Note 3) (A=E00185) is the E (Engine Serial Number) for the column (A) model (in this case 4JH-DT) after the parts design change.

### ⑤ Remarks

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

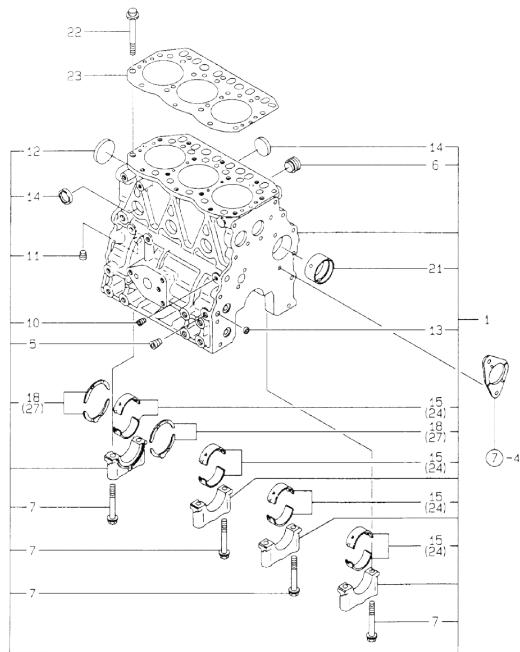
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

# Contents

| Fig. No.         | Fig. Name                      | Fig. No. | Fig. Name |
|------------------|--------------------------------|----------|-----------|
| 3TNE82A-(E)TB(Z) |                                |          |           |
| 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.              | FUEL INJECTION PUMP            |          |           |
| 12.              | GOVERNOR                       |          |           |
| 13.              | FUEL INJECTION VALVE           |          |           |
| 14.              | FUEL LINE                      |          |           |
| 15.              | STARTING MOTOR                 |          |           |
| 16.              | GENERATOR                      |          |           |
| 17.              | GASKET SET                     |          |           |

OCD10-M69402

Fig.1. CYLINDER BLOCK

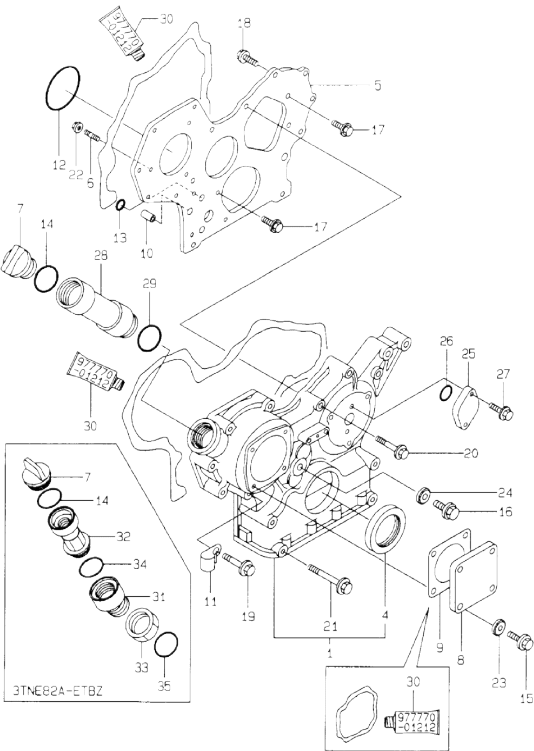


| No.       | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|           |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1         | 1    | 719813-01560 | BLOCK ASSY, CYLINDER | 1    | 1   | 1   |     |     |     |   |   |
| 5         | 2    | 124160-01910 | PLUG, PT1/4          | 2    | 2   | 2   |     |     |     |   |   |
| 6         | 2    | 171051-01921 | PLUG, NPTF1          | 1    | 1   | 1   |     |     |     |   |   |
| 7         | 2    | 119620-02020 | BOLT, METAL CAP      | 8    | 8   | 8   |     |     |     |   |   |
| 10        | 2    | 23871-010000 | PLUG, R01            | 1    |     |     |     |     |     |   |   |
| 10-1      | 2    | 23876-010000 | PLUG, R01            | 1    | 1   | 1   |     |     |     |   | N |
| (A=E XXX) |      |              |                      |      |     |     |     |     |     |   |   |
| 11        | 2    | 124160-01910 | PLUG, PT1/4          | 1    | 1   | 1   |     |     |     |   |   |
| 12        | 2    | 27231-500000 | PLUG 50              | 1    |     |     |     |     |     |   |   |
| 12-1      | 2    | 129001-01250 | PLUG, 50             | 1    | 1   | 1   |     |     |     |   | N |
| (A=E XXX) |      |              |                      |      |     |     |     |     |     |   |   |
| 13        | 2    | 27241-120000 | PLUG, 12             | 2    | 2   | 2   |     |     |     |   |   |
| 14        | 2    | 27241-300000 | PLUG 30              | 6    | 6   | 6   |     |     |     |   |   |
| 15        | 2    | 119810-02800 | BEARING, MAIN        | 4    | 4   | 4   |     |     |     |   |   |
| 18        | 2    | 119810-02930 | BEARING, THRUST      | 1    | 1   | 1   |     |     |     |   |   |
| 21        | 2    | 129795-02411 | BUSH, CAMSHAFT       | 1    | 1   | 1   |     |     |     |   |   |
| 22        | 1    | 119810-01200 | BOLT, HEAD           | 14   | 14  | 14  |     |     |     |   |   |
| 23        | 1    | 119812-01330 | GASKET, HEAD         | 1    | 1   | 1   |     |     |     |   |   |
| 24        | 1    | 119810-02870 | BEARING, 0.25 US     | 4    | 4   | 4   |     |     |     |   | 1 |
| 27        | 1    | 119810-02940 | BEARING, THRUST 0.25 | 2    | 2   | 2   |     |     |     |   | 2 |

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

OCD10-M69402

Fig.2. GEAR HOUSING



| No.                   | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|-----------------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|                       |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1                     | 1    | 719810-01500 | CASE ASSY, GEAR     | 1    | 1   | 1   |     |     |     |   |   |
| 4                     | 2    | 129795-01800 | SEAL, OIL           | 1    | 1   | 1   |     |     |     |   |   |
| 5                     | 1    | 129400-01520 | FLANGE, GEAR CASE   | 1    | 1   | 1   |     |     |     |   |   |
| 6                     | 1    | 121450-01560 | STUD, M8X22         | 3    | 3   | 3   |     |     |     |   |   |
| 7                     | 1    | 124160-01751 | COVER, FILLER       | 1    | 1   | 1   |     |     |     |   |   |
| 8                     | 1    | 124240-01871 | COVER               | 1    | 1   | 1   |     |     |     |   |   |
| 9                     | 1    | 124240-01883 | GASKET              | 1    | 1   |     |     |     |     |   | Z |
| (A=E55620) (B=E55766) |      |              |                     |      |     |     |     |     |     |   |   |
| 10                    | 1    | 129795-01950 | PIPE, KNOCK L=18    | 2    | 2   | 2   |     |     |     |   |   |
| 11                    | 1    | 129150-03100 | RETAINER, PIPE      | 1    | 1   | 1   |     |     |     |   |   |
| 12                    | 1    | 121850-51960 | O-RING              | 1    | 1   | 1   |     |     |     |   |   |
| 13                    | 1    | 24311-000160 | O-RING, 1AP16.0     | 2    | 2   | 2   |     |     |     |   |   |
| 14                    | 1    | 24311-000320 | O-RING, 1AP32.0     | 1    | 1   | 1   |     |     |     |   |   |
| 15                    | 1    | 26106-080122 | BOLT, M8X 12 PLATED | 4    | 4   | 4   |     |     |     |   |   |
| 16                    | 1    | 26106-080162 | BOLT, M8X 16 PLATED | 1    | 1   | 1   |     |     |     |   |   |
| 17                    | 1    | 26106-080162 | BOLT, M8X 16 PLATED | 3    | 3   | 3   |     |     |     |   |   |
| 18                    | 1    | 26106-080202 | BOLT, M8X 20 PLATED | 2    | 2   | 2   |     |     |     |   |   |
| 19                    | 1    | 26106-080452 | BOLT, M8X 45 PLATED | 6    | 6   | 6   |     |     |     |   |   |
| 20                    | 1    | 26106-080552 | BOLT, M8X 55 PLATED | 3    | 3   | 3   |     |     |     |   |   |
| 21                    | 1    | 129001-91840 | BOLT, M8X85         | 4    |     |     |     |     |     |   |   |
| 21-1                  | 1    | 129001-91841 | BOLT, M8X85         | 4    | 4   | 4   |     |     |     |   | R |
| (A=E55620) (B=E57807) |      |              |                     |      |     |     |     |     |     |   |   |
| 22                    | 1    | 26366-080002 | NUT, M8             | 3    | 3   | 3   |     |     |     |   |   |
| 23                    | 1    | 22190-080002 | WASHER, SEAL 6      | 4    | 4   | 4   |     |     |     |   |   |
| 24                    | 1    | 22190-080002 | WASHER, SEAL 6      | 1    | 1   | 1   |     |     |     |   |   |
| 25                    | 1    | 121023-01550 | COVER               | 1    | 1   | 1   |     |     |     |   |   |
| 26                    | 1    | 24341-000240 | O-RING, 1AS24.0     | 1    | 1   | 1   |     |     |     |   |   |
| 27                    | 1    | 26106-080162 | BOLT, M6X 16 PLATED | 2    | 2   | 2   |     |     |     |   |   |
| 28                    | 1    | 171031-11741 | PIPE                | 1    | 1   |     |     |     |     |   | Z |
| (A=E55620) (B=E57807) |      |              |                     |      |     |     |     |     |     |   |   |
| 29                    | 1    | 24311-000320 | O-RING, 1AP32.0     | 1    | 1   |     |     |     |     |   | Z |
| (A=E55620) (B=E57807) |      |              |                     |      |     |     |     |     |     |   |   |
| 30                    | 1    | 977770-01212 | GASKET, LIQUID      | 1    | 1   | 1   |     |     |     |   | 1 |
| 31                    | 1    | 119225-11740 | ADAPTER             |      |     |     |     |     |     |   |   |
| 32                    | 1    | 171031-11741 | PIPE                |      |     |     |     |     |     |   |   |
| 33                    | 1    | 119225-11750 | NUT                 |      |     |     |     |     |     |   |   |
| 34                    | 1    | 24311-000300 | O-RING, 1AP30.0     |      |     |     |     |     |     |   |   |
| 35                    | 1    | 24311-000320 | O-RING, 1AP32.0     |      |     |     |     |     |     |   |   |

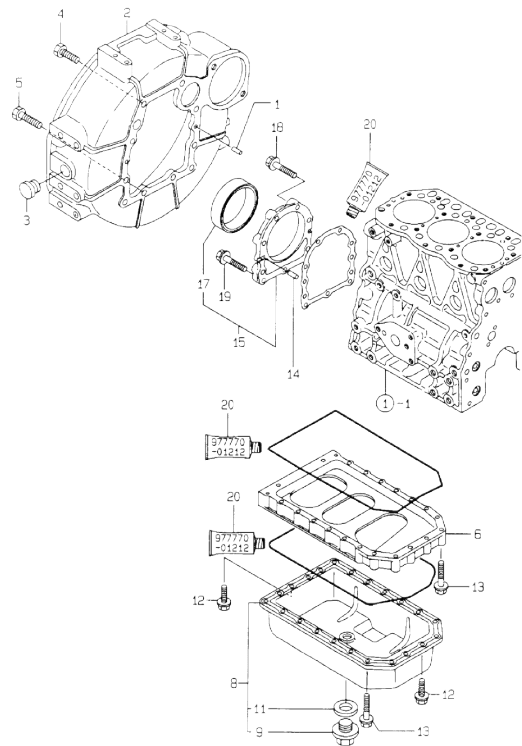
Remarks

(1) OPTIONAL 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  
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

OCD10-M69402

Fig.3. FLYWHEEL HOUSING & OIL SUMP



| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 129100-01580 | PIN, M8X16           | 2    | 2   | 2   |     |     |     |   |   |
| 2   | 1    | 129612-01600 | HOUSING, FLYWHEEL    | 1    | 1   | 1   |     |     |     |   |   |
| 3   | 1    | 119620-01750 | CAP                  | 1    | 1   | 1   |     |     |     |   |   |
| 4   | 1    | 26206-100252 | BOLT, M10X 25 PLATED | 6    | 6   | 6   |     |     |     |   |   |
| 5   | 1    | 26206-100302 | BOLT, M10X 30 PLATED | 4    | 4   | 4   |     |     |     |   |   |
| 6   | 1    | 119810-01730 | SPACER, OIL SUMP     | 1    | 1   | 1   |     |     |     |   |   |
| 8   | 1    | 119810-01790 | SUMP ASSY, OIL       | 1    | 1   | 1   |     |     |     |   |   |
| 9   | 2    | 119640-01640 | PLUG, DRAIN M22      | 1    | 1   | 1   |     |     |     |   |   |
| 11  | 2    | 22190-220002 | WASHER, SEAL 22      | 1    | 1   | 1   |     |     |     |   |   |
| 12  | 1    | 26106-080162 | BOLT, M8X 16 PLATED  | 6    | 6   | 6   |     |     |     |   |   |
| 13  | 1    | 26106-080452 | BOLT, M8X 45 PLATED  | 22   | 22  | 22  |     |     |     |   |   |
| 14  | 1    | 129100-01580 | PIN, M8X16           | 2    | 2   | 2   |     |     |     |   |   |
| 15  | 1    | 719810-01650 | CASE ASSY, OIL SEAL  | 1    | 1   | 1   |     |     |     |   |   |
| 17  | 2    | 119810-01780 | SEAL, 769310         | 1    | 1   | 1   |     |     |     |   |   |
| 18  | 1    | 129486-01670 | BOLT, M8X30          | 6    | 6   | 6   |     |     |     |   |   |
| 19  | 1    | 26106-080352 | BOLT, M8X 35 PLATED  | 3    | 3   | 3   |     |     |     |   |   |
| 20  | 1    | 977770-01212 | GASKET, LIQUID       | 1    | 1   | 1   |     |     |     |   | 1 |

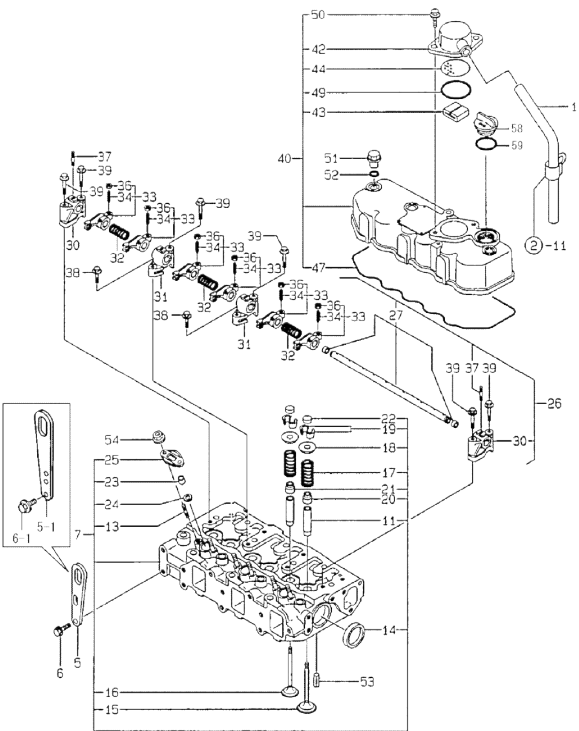
Remarks

(1) OPTIONAL PART.

N:Old  $\frac{YES}{NO}$  New, Q:Old  $\frac{R/O}{YES}$  New, R:Old  $\frac{YES}{YES}$  New, S:Old  $\frac{R/O}{NO}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

OCD10-M69402

Fig.4. CYLINDER HEAD & BONNET



| No.         | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|-------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|             |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1           | 1    | 23065-160800 | PIPE, 16X 800       | 1    | 1   | 1   |     |     |     |   |   |
| 5           | 1    | 124736-07900 | LIFTER              | 1    | 1   | 1   |     |     |     |   |   |
| 5-1         | 1    | 129900-07900 | LIFTER              |      |     | 1   |     |     |     | N |   |
| (C=2009.11) |      |              |                     |      |     |     |     |     |     |   |   |
| 6           | 1    | 26106-080142 | BOLT, M8X 14 PLATED | 2    | 2   | 2   |     |     |     |   |   |
| 6-1         | 1    | 26106-080162 | BOLT, M8X 16 PLATED |      |     | 2   |     |     |     | N |   |
| (C=2009.11) |      |              |                     |      |     |     |     |     |     |   |   |
| 7           | 1    | 119812-11700 | HEAD ASSY, CYLINDER | 1    | 1   | 1   |     |     |     |   | 1 |
| 11          | 2    | 124060-11800 | GUIDE, VALVE        | 6    | 6   | 6   |     |     |     |   |   |
| 13          | 2    | 26216-060302 | STUD, M6X 30        | 6    | 6   | 6   |     |     |     |   |   |
| 14          | 2    | 27241-400000 | PLUG, 40            | 2    | 2   | 2   |     |     |     |   |   |
| 15          | 2    | 119810-11100 | VALVE, INTAKE       | 3    | 3   | 3   |     |     |     |   |   |
| 16          | 2    | 119810-11110 | VALVE, EXHAUST      | 3    | 3   | 3   |     |     |     |   |   |
| 17          | 2    | 119810-11120 | SPRING, VALVE       | 6    | 6   | 6   |     |     |     |   |   |
| 18          | 2    | 104211-11180 | RETAINER, SPRING    | 6    | 6   | 6   |     |     |     |   |   |
| 19          | 2    | 27310-070001 | COTTER, 7           | 6    | 6   | 6   |     |     |     |   |   |
| 20          | 2    | 124160-11340 | SEAL, VALVE STEM    | 3    | 3   | 3   |     |     |     |   |   |
| 21          | 2    | 124950-11340 | SEAL, VALVE STEM    | 3    | 3   | 3   |     |     |     |   |   |
| 22          | 2    | 104211-11370 | CAP, VALVE          | 6    | 6   | 6   |     |     |     |   |   |
| 23          | 2    | 119625-11870 | PROTECTOR, NOZZLE   | 3    | 3   | 3   |     |     |     |   |   |
| 24          | 2    | 119625-11880 | SEAT, NOZZLE        | 3    | 3   | 3   |     |     |     |   |   |
| 25          | 2    | 119625-11900 | RETAINER, NOZZLE    | 3    | 3   | 3   |     |     |     |   |   |
| 26          | 1    | 119865-11210 | SUPPORT ASSY        | 1    | 1   | 1   |     |     |     |   |   |
| 27          | 2    | 119810-11240 | SHAFT ASSY, ROCKER  | 1    | 1   | 1   |     |     |     |   |   |
| 30          | 2    | 129155-11260 | SUPPORT, ROCKER ARM | 2    | 2   | 2   |     |     |     |   |   |
| 31          | 2    | 129155-11270 | SUPPORT, ROCKER ARM | 2    | 2   | 2   |     |     |     |   |   |
| 32          | 2    | 129150-11280 | SPRING              | 3    | 3   | 3   |     |     |     |   |   |
| 33          | 2    | 719810-11660 | ARM ASSY, ROCKER    | 6    | 6   | 6   |     |     |     |   |   |
| 34          | 3    | 129150-11230 | SCREW, VALVE ADJUST | 6    | 6   | 6   |     |     |     |   |   |
| 36          | 3    | 129150-11750 | NUT, M8             | 6    | 6   | 6   |     |     |     |   |   |
| 37          | 2    | 26226-080182 | STUD, M8X 18        | 3    | 3   | 3   |     |     |     |   |   |
| 38          | 1    | 26106-080252 | BOLT, M8X 25 PLATED | 2    | 2   | 2   |     |     |     |   |   |
| 39          | 1    | 26106-080502 | BOLT, M8X 50 PLATED | 6    | 6   | 6   |     |     |     |   |   |
| 40          | 1    | 719810-11520 | BONNET ASSY, HEAD   | 1    |     |     |     |     |     |   |   |
| 40-1        | 1    | 719810-11521 | BONNET ASSY, HEAD   | 1    | 1   | 1   |     |     |     | N |   |
| (A=E54542)  |      |              |                     |      |     |     |     |     |     |   |   |
| 42          | 2    | 129150-03020 | COVER, BREATHER     | 1    | 1   | 1   |     |     |     |   |   |
| 43          | 2    | 129150-03070 | BAFFLE, BREATHER    | 1    | 1   | 1   |     |     |     |   |   |
| 44          | 2    | 129150-03080 | PLATE, BAFFLE       | 1    | 1   | 1   |     |     |     |   |   |
| 47          | 2    | 119865-11310 | GASKET, BONNET      | 1    | 1   | 1   |     |     |     |   |   |
| 49          | 2    | 24341-000500 | O-RING, 1AS50.0     | 1    | 1   | 1   |     |     |     |   |   |
| 50          | 2    | 26106-080162 | BOLT, M8X 16 PLATED | 2    | 2   | 2   |     |     |     |   |   |
| 51          | 1    | 124160-11360 | KNOB                | 3    | 3   | 3   |     |     |     |   |   |
| 52          | 1    | 24311-000120 | O-RING, 1AP12.0     | 3    | 3   | 3   |     |     |     |   |   |
| 53          | 1    | 22351-060012 | PIN, SPRING 6.0X12  | 2    | 2   | 2   |     |     |     |   |   |
| 54          | 1    | 26366-060002 | NUT, M6             | 6    | 6   | 6   |     |     |     |   |   |
| 58          | 1    | 124160-01751 | COVER, FILLER       | 1    | 1   | 1   |     |     |     |   |   |
| 59          | 1    | 24311-000320 | O-RING, 1AP32.0     | 1    | 1   | 1   |     |     |     |   |   |

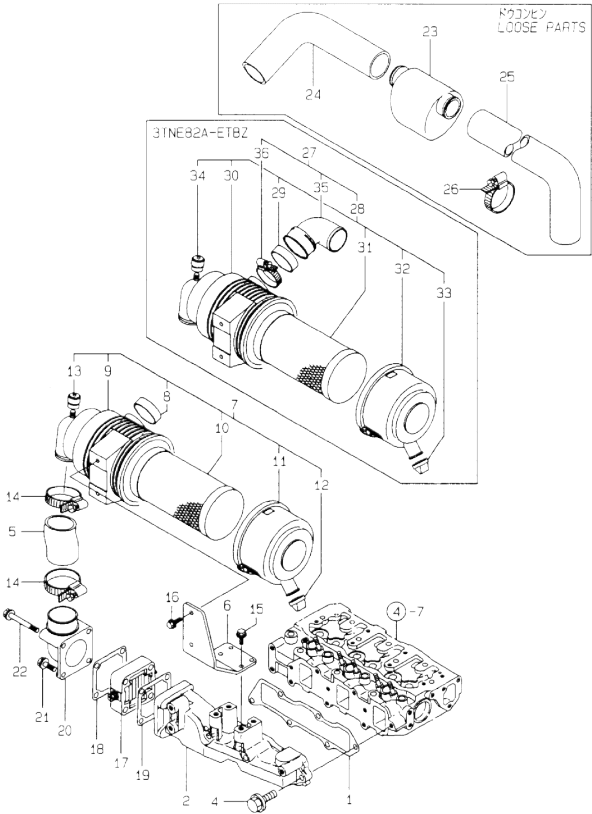
Remarks

(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  
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

OCD10-M69402

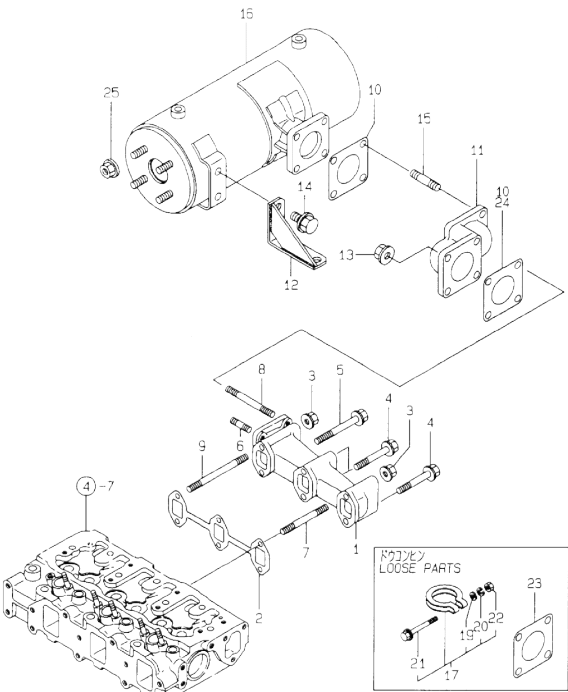
Fig.5. SUCTION MANIFOLD & AIR CLEANER



| No.          | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|--------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|              |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1            | 1    | 119813-12110 | GASKET, MANIFOLD     | 1    | 1   | 1   |     |     |     |   |   |
| 2            | 1    | 119813-12100 | MANIFOLD, AIR INTAKE | 1    | 1   | 1   |     |     |     |   |   |
| 4            | 1    | 26106-080252 | BOLT, M8X 25 PLATED  | 6    | 6   | 6   |     |     |     |   |   |
| 5            | 1    | 119910-12210 | PIPE, AIR INTAKE     | 1    | 1   | 1   |     |     |     |   |   |
| 6            | 1    | 119910-12560 | BRACKET, AIR CLEANER | 1    | 1   | 1   |     |     |     |   |   |
| 7            | 1    | 129612-12690 | CLEANER ASSY, AIR    | 1    | 1   | 1   |     |     |     |   |   |
| 8            | 2    | 129259-12570 | RING                 | 1    | 1   |     |     |     |     |   |   |
| 9            | 2    | 119910-12510 | BODY, AIR CLEANER    | 1    | 1   |     |     |     |     |   |   |
| 10           | 2    | 119808-12520 | ELEMENT              | 1    | 1   |     |     |     |     |   |   |
| 11           | 2    | 119866-12541 | COVER ASSY           | 1    | 1   |     |     |     |     |   |   |
| 12           | 2    | 119808-12540 | VALVE, UNLOADER      | 1    | 1   |     |     |     |     |   |   |
| 13           | 2    | 119140-12680 | INDICATOR            | 1    | 1   |     |     |     |     |   |   |
| 14           | 1    | 23000-060000 | CLAMP, 60            | 2    | 2   | 2   |     |     |     |   |   |
| 15           | 1    | 26013-080222 | BOLT, M8X 22         | 4    | 4   | 4   |     |     |     |   |   |
| 16           | 1    | 26013-080222 | BOLT, M8X 22         | 2    | 2   | 2   |     |     |     |   |   |
| 17           | 1    | 129100-77500 | HEATER, AIR 12V      | 1    | 1   | 1   |     |     |     |   |   |
| 18           | 1    | 129100-77510 | GASKET, AIR HEATER   | 1    | 1   | 1   |     |     |     |   |   |
| 19           | 1    | 129150-77511 | GASKET               | 1    | 1   | 1   |     |     |     |   |   |
| 20           | 1    | 171340-77520 | BEND                 | 1    | 1   | 1   |     |     |     |   |   |
| 21           | 1    | 26106-080402 | BOLT, M8X 40 PLATED  | 2    | 2   | 2   |     |     |     |   |   |
| 22           | 1    | 26106-080802 | BOLT, M8X 80 PLATED  | 2    | 2   | 2   |     |     |     |   |   |
| 23           | 1    | 121855-12060 | SILENCER ASSY        | 1    | 1   |     |     |     |     |   |   |
| 24           | 1    | 129030-12201 | PIPE, AIR INTAKE     | 1    | 1   |     |     |     |     |   |   |
| 25           | 1    | 119869-12210 | PIPE, AIR INTAKE     | 1    |     |     |     |     |     |   |   |
| 25-1         | 1    | 119823-12210 | PIPE, AIR INTAKE     | 1    | 1   |     |     |     |     |   | R |
| (A=E53828)   |      |              |                      |      |     |     |     |     |     |   |   |
| 26           | 1    | 23000-048000 | CLAMP, 48            | 4    |     |     |     |     |     |   |   |
| 26-1         | 1    | 23000-060000 | CLAMP, 60            | 3    | 3   | 3   |     |     |     |   | N |
| (A=FROM 1ST) |      |              |                      |      |     |     |     |     |     |   |   |
| 27           | 1    | 129612-12680 | CLEANER ASSY, AIR    |      |     | 1   |     |     |     |   |   |
| 28           | 2    | 129612-12690 | CLEANER ASSY, AIR    |      |     | 1   |     |     |     |   |   |
| 29           | 3    | 129259-12570 | RING                 |      |     | 1   |     |     |     |   |   |
| 30           | 3    | 119910-12510 | BODY, AIR CLEANER    |      |     | 1   |     |     |     |   |   |
| 31           | 3    | 119808-12520 | ELEMENT              |      |     | 1   |     |     |     |   |   |
| 32           | 3    | 119866-12541 | COVER ASSY           |      |     | 1   |     |     |     |   |   |
| 33           | 3    | 119808-12540 | VALVE, UNLOADER      |      |     | 1   |     |     |     |   |   |
| 34           | 3    | 119140-12680 | INDICATOR            |      |     | 1   |     |     |     |   |   |
| 35           | 2    | 129612-12560 | ELBOW                |      |     | 1   |     |     |     |   |   |
| 36           | 2    | 23000-060000 | CLAMP, 60            |      |     | 1   |     |     |     |   |   |

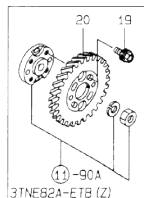
N:Old  $\frac{100}{100}$  New, Q:Old  $\frac{100}{100}$  New, R:Old  $\frac{100}{100}$  New, S:Old  $\frac{100}{100}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

Fig.6. EXHAUST MANIFOLD & SILENCER



| No.        | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 119840-13100 | MANIFOLD, EXHAUST    | 1    | 1   | 1   |     |     |     |   |   |
| 2          | 1    | 119810-13110 | GASKET               | 1    | 1   | 1   |     |     |     |   |   |
| 3          | 1    | 26366-080002 | NUT, M8              | 2    | 2   | 2   |     |     |     |   |   |
| 4          | 1    | 26106-080602 | BOLT, M8X 60 PLATED  | 3    | 3   | 3   |     |     |     |   |   |
| 5          | 1    | 26106-080802 | BOLT, M8X 80 PLATED  | 1    | 1   | 1   |     |     |     |   |   |
| 6          | 1    | 119131-18320 | STUD, M8X22          | 2    | 2   | 2   |     |     |     |   |   |
| 7          | 1    | 26216-080602 | STUD, M8X 60         | 1    | 1   | 1   |     |     |     |   |   |
| 8          | 1    | 119823-13600 | STUD, M8X70          | 2    | 2   | 2   |     |     |     |   |   |
| 9          | 1    | 26216-080802 | STUD, M8X 80         | 1    | 1   | 1   |     |     |     |   |   |
| 10         | 1    | 124701-11911 | GASKET, SILENCER     | 2    | 2   |     |     |     |     |   |   |
| 11         | 1    | 119840-13150 | PIPE                 | 1    | 1   | 1   |     |     |     |   |   |
| 12         | 1    | 119840-13650 | STAY, SILENCER       | 1    | 1   |     |     |     |     |   |   |
| 13         | 1    | 26366-080002 | NUT, M8              | 2    | 2   |     |     |     |     |   |   |
| 14         | 1    | 26106-100162 | BOLT, M10X 16 PLATED | 2    | 2   |     |     |     |     |   |   |
| 15         | 1    | 119131-18320 | STUD, M8X22          | 2    | 2   |     |     |     |     |   |   |
| 16         | 1    | 119640-13510 | SILENCER             | 1    | 1   | 1   |     |     |     |   |   |
| 17         | 1    | 121120-13590 | CLAMP                | 1    | 1   | 1   |     |     |     |   |   |
| 19         | 2    | 22137-100000 | WASHER, 10           | 1    | 1   | 1   |     |     |     |   |   |
| 20         | 2    | 22217-100000 | WASHER, SPRING 10    | 1    | 1   | 1   |     |     |     |   |   |
| 21         | 2    | 26106-100652 | BOLT, M10X 65 PLATED | 1    | 1   | 1   |     |     |     |   |   |
| 22         | 2    | 26706-100002 | NUT, M10             | 1    | 1   | 1   |     |     |     |   |   |
| 23         | 1    | 124701-11911 | GASKET, SILENCER     | 1    | 1   | 3   |     |     |     |   | W |
| (A=E50256) |      |              |                      |      |     |     |     |     |     |   |   |
| 24         | 1    | 124701-11911 | GASKET, SILENCER     |      |     | 1   |     |     |     |   |   |
| 25         | 1    | 26366-080002 | NUT, M8              |      |     | 4   |     |     |     |   |   |

Fig.7. CAMSHAFT & DRIVING GEAR



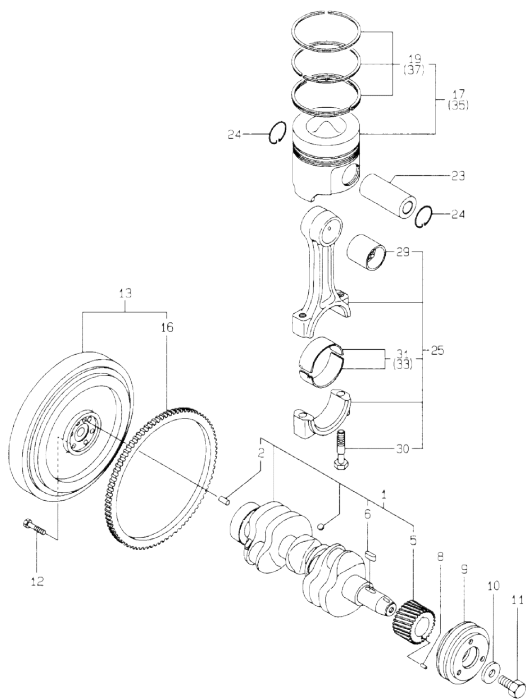
|     |      |              |                     | (A)=3TNE82A-TB<br>(B)=3TNE82A-ETB<br>(C)=3TNE82A-ETBZ | (D)=<br>(E)=<br>(F)= |     |     |     |     |   |   |
|-----|------|--------------|---------------------|-------------------------------------------------------|----------------------|-----|-----|-----|-----|---|---|
| No. | Lev. | Parts No.    | Description         | (A)                                                   | (B)                  | (C) | (D) | (E) | (F) | I | R |
| 1   | 1    | 129150-14200 | TAPPET              | 6                                                     | 6                    | 6   |     |     |     |   |   |
| 2   | 1    | 119810-14400 | ROD, PUSH           | 6                                                     | 6                    | 6   |     |     |     |   |   |
| 3   | 1    | 119810-14580 | CAMSHAFT ASSY       | 1                                                     | 1                    | 1   |     |     |     |   |   |
| 4   | 2    | 129150-02450 | BEARING, THRUST     | 1                                                     | 1                    | 1   |     |     |     |   |   |
| 7   | 2    | 129150-14101 | GEAR, CAMSHAFT      | 1                                                     | 1                    | 1   |     |     |     |   |   |
| 8   | 2    | 22512-070140 | KEY, 7X 14          | 1                                                     | 1                    | 1   |     |     |     |   |   |
| 9   | 1    | 129100-25061 | SHAFT, IDLE         | 1                                                     | 1                    | 1   |     |     |     |   |   |
| 10  | 1    | 129150-25101 | GEAR ASSY, IDLE     | 1                                                     | 1                    | 1   |     |     |     |   |   |
| 13  | 2    | 129150-25920 | BUSH, IDLE GEAR     | 1                                                     | 1                    | 1   |     |     |     |   | 1 |
| 14  | 1    | 26106-080452 | BOLT, M8X 45 PLATED | 2                                                     | 2                    | 2   |     |     |     |   |   |
| 15  | 1    | 129150-25900 | GEAR, PUMP          | 1                                                     |                      |     |     |     |     |   |   |
| 16  | 1    | 22217-120000 | WASHER, SPRING 12   | 1                                                     |                      |     |     |     |     |   |   |
| 17  | 1    | 26716-120002 | NUT, M12            | 1                                                     |                      |     |     |     |     |   |   |
| 18  | 1    | 26106-080142 | BOLT, M8X 14 PLATED | 2                                                     | 2                    | 2   |     |     |     |   |   |
| 19  | 1    | 129150-25301 | BOLT                |                                                       |                      | 4   |     |     |     |   |   |
| 20  | 1    | 129150-25931 | GEAR, PUMP          |                                                       |                      | 1   | 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

Copyright (C) YANMAR CO., LTD. All Rights Reserved.

OCD10-M69402

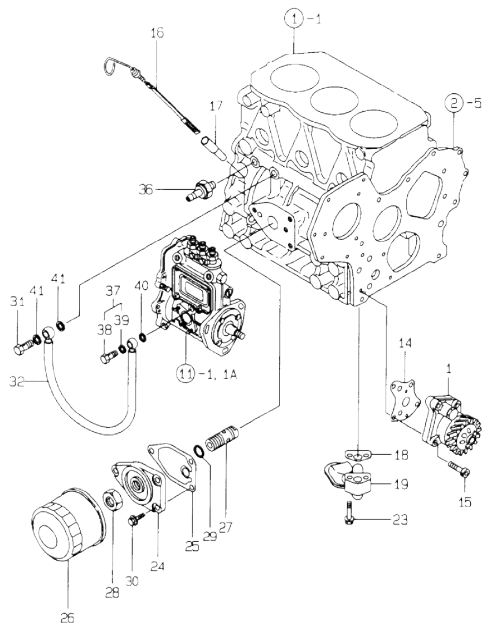
Fig.8. CRANKSHAFT & PISTON



| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 119813-21000 | CRANKSHAFT ASSY      | 1    | 1   | 1   |     |     |     |   |   |
| 2   | 2    | 129100-01580 | PIN, M8X16           | 1    | 1   | 1   |     |     |     |   |   |
| 5   | 2    | 129150-21200 | GEAR, CRANKSHAFT     | 1    | 1   | 1   |     |     |     |   |   |
| 6   | 2    | 22512-070140 | KEY, 7X 14           | 1    | 1   | 1   |     |     |     |   |   |
| 8   | 1    | 22351-040010 | PIN, SPRING 4.0X10   | 1    | 1   | 1   |     |     |     |   |   |
| 9   | 1    | 171301-21650 | V-PULLEY             | 1    | 1   | 1   |     |     |     |   |   |
| 10  | 1    | 129795-21661 | WASHER               | 1    | 1   | 1   |     |     |     |   |   |
| 11  | 1    | 121850-21680 | BOLT                 | 1    | 1   | 1   |     |     |     |   |   |
| 12  | 1    | 121111-21501 | BOLT, FLYWHEEL       | 6    | 6   | 6   |     |     |     |   |   |
| 13  | 1    | 171325-21590 | FLYWHEEL ASSY        | 1    | 1   | 1   |     |     |     |   |   |
| 16  | 2    | 119865-21600 | GEAR, RING           | 1    | 1   | 1   |     |     |     |   |   |
| 17  | 1    | 119813-22080 | PISTON ASSY          | 3    | 3   | 3   |     |     |     |   |   |
| 19  | 2    | 119813-22500 | RING SET, PISTON     | 3    | 3   | 3   |     |     |     |   |   |
| 23  | 1    | 119813-22300 | PIN, PISTON          | 3    | 3   | 3   |     |     |     |   |   |
| 24  | 1    | 129792-22400 | CIRCLIP, 23          | 6    | 6   | 6   |     |     |     |   |   |
| 25  | 1    | 719810-23100 | ROD ASSY, CONNECTING | 3    | 3   | 3   |     |     |     |   |   |
| 29  | 2    | 119810-23910 | BEARING, PISTON PIN  | 3    | 3   | 3   |     |     |     |   | 1 |
| 30  | 2    | 119810-23200 | BOLT, CONNECTING ROD | 6    | 6   | 6   |     |     |     |   |   |
| 31  | 2    | 119810-23600 | BEARING, CRANK PIN   | 3    | 3   | 3   |     |     |     |   |   |
| 33  | 1    | 119810-23610 | BEARING, 0.25 US     | 3    | 3   | 3   |     |     |     |   | 2 |
| 35  | 1    | 119813-22900 | PISTON ASSY, 0.25 OS | 3    | 3   | 3   |     |     |     |   | 3 |
| 37  | 2    | 129003-22950 | RING SET, 0.25 OS    | 3    | 3   | 3   |     |     |     |   | 3 |

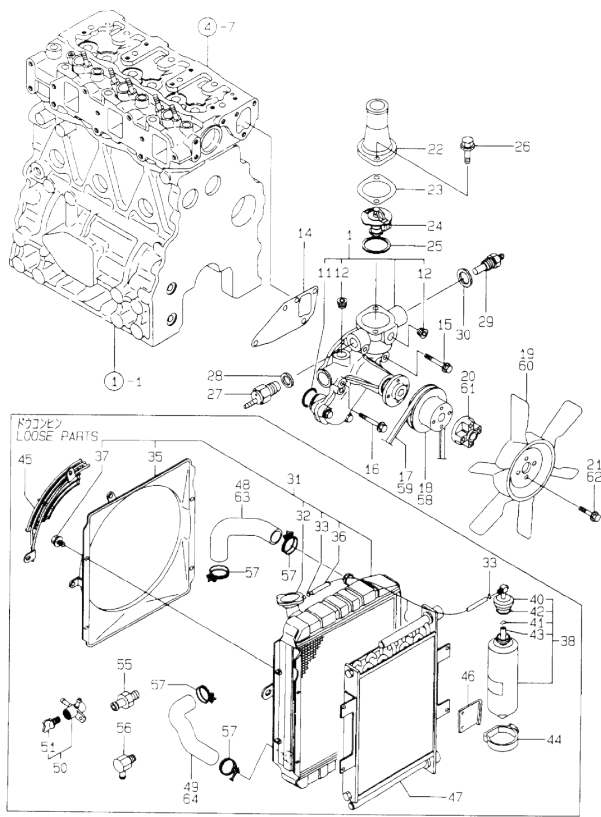
OCD10-M69402

Fig.9. LUB.OIL SYSTEM



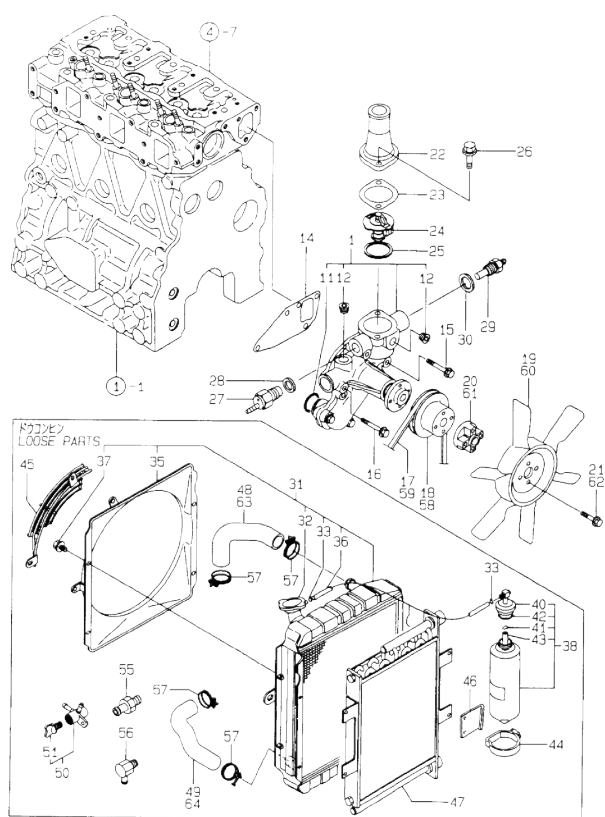
| No.        | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 129001-32001 | PUMP ASSY, OIL       | 1    | 1   | 1   |     |     |     |   |   |
| 14         | 1    | 129150-32020 | GASKET, PUMP         | 1    | 1   | 1   |     |     |     |   |   |
| 15         | 1    | 26450-060252 | BOLT, M6X 25         | 4    | 4   | 4   |     |     |     |   |   |
| 16         | 1    | 119640-34800 | DIPSTICK, OIL        | 1    | 1   | 1   |     |     |     |   |   |
| 17         | 1    | 121520-34810 | GUIDE, DIPSTICK      | 1    | 1   | 1   |     |     |     |   |   |
| 18         | 1    | 129150-35041 | GASKET               | 1    | 1   | 1   |     |     |     |   |   |
| 19         | 1    | 119810-35401 | PIPE ASSY, OIL INLET | 1    | 1   | 1   |     |     |     |   |   |
| 23         | 1    | 26106-080352 | BOLT, M8X 35 PLATED  | 2    | 2   | 2   |     |     |     |   |   |
| 24         | 1    | 129150-35101 | BRACKET, STRAINER    | 1    | 1   | 1   |     |     |     |   |   |
| 25         | 1    | 129150-35111 | GASKET               | 1    | 1   | 1   |     |     |     |   |   |
| 26         | 1    | 129150-35151 | FILTER, D80XL80      | 1    | 1   | 1   |     |     |     |   |   |
| 27         | 1    | 129001-35300 | BOLT, FILTER         | 1    | 1   | 1   |     |     |     |   |   |
| 28         | 1    | 129150-35350 | NUT                  | 1    | 1   | 1   |     |     |     |   |   |
| 29         | 1    | 24311-000160 | O-RING, 1AP16.0      | 1    | 1   | 1   |     |     |     |   |   |
| 30         | 1    | 26106-080202 | BOLT, M8X 20 PLATED  | 3    | 3   | 3   |     |     |     |   |   |
| 31         | 1    | 124160-39140 | BOLT, PIPE JOINT M10 | 1    | 1   | 1   |     |     |     |   |   |
| 32         | 1    | 119810-39200 | PIPE ASSY, OIL       | 1    | 1   | 1   |     |     |     |   |   |
| 36         | 1    | 124160-39450 | SWITCH, 0.5KG        | 1    |     |     |     |     |     |   |   |
| 36-1       | 1    | 114250-39450 | SWITCH, 0.5KG        | 1    | 1   | 1   |     |     |     |   | N |
| (A=E55167) |      |              |                      |      |     |     |     |     |     |   |   |
| 37         | 1    | 124550-59830 | BOLT ASSY, JOINT M8  | 1    | 1   | 1   |     |     |     |   |   |
| 38         | 2    | 124550-59820 | BOLT, PIPE JOINT M8  | 1    | 1   | 1   |     |     |     |   |   |
| 39         | 2    | 22190-080002 | WASHER, SEAL 6       | 1    | 1   | 1   |     |     |     |   |   |
| 40         | 1    | 22190-080002 | WASHER, SEAL 6       | 1    | 1   | 1   |     |     |     |   |   |
| 41         | 1    | 23414-100000 | GASKET, 10X1.0       | 2    |     |     |     |     |     |   |   |
| 41-1       | 1    | 22190-100002 | WASHER, SEAL 10      | 2    | 2   | 2   |     |     |     |   | N |
| (A=E53828) |      |              |                      |      |     |     |     |     |     |   |   |

Fig.10. COOLING WATER SYSTEM



| No.        | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 119810-42001 | PUMP ASSY, WATER    | 1    |     |     |     |     |     |   |   |
| 1-1        | 1    | 119823-42000 | PUMP ASSY, WATER    | 1    | 1   | 1   |     |     |     | S |   |
| (A=E54588) |      |              |                     |      |     |     |     |     |     |   |   |
| 11         | 2    | 129150-42320 | O-RING              | 1    | 1   | 1   |     |     |     |   |   |
| 12         | 2    | 23871-030000 | PLUG, R03           | 2    |     |     |     |     |     |   |   |
| 12-1       | 2    | 23876-030000 | PLUG, R03           | 2    | 2   | 2   |     |     |     | N |   |
| (A=E55620) |      |              |                     |      |     |     |     |     |     |   |   |
| 14         | 1    | 129150-42020 | GASKET, WATER PUMP  | 1    |     |     |     |     |     |   |   |
| 14-1       | 1    | 129486-42050 | GASKET, WATER PUMP  | 1    | 1   | 1   |     |     |     | N |   |
| (A=E55620) |      |              |                     |      |     |     |     |     |     |   |   |
| 15         | 1    | 26106-080352 | BOLT, M8X 35 PLATED | 1    | 1   | 1   |     |     |     |   |   |
| 16         | 1    | 26106-080552 | BOLT, M8X 55 PLATED | 3    | 3   | 3   |     |     |     |   |   |
| 17         | 1    | 119831-42290 | V-BELT, A37.5       | 1    | 1   |     |     |     |     |   |   |
| 18         | 1    | 129403-42380 | V-PULLEY, D=110     | 1    | 1   |     |     |     |     |   |   |
| 19         | 1    | 121520-44740 | FAN, COOLING D325   | 1    | 1   |     |     |     |     |   |   |
| 20         | 1    | 129030-44760 | SPACER, FAN L38.5   | 1    | 1   |     |     |     |     |   |   |
| 21         | 1    | 26106-060552 | BOLT, M6X 55 PLATED | 4    | 4   |     |     |     |     |   |   |
| 22         | 1    | 129350-49560 | COVER, THERMOSTAT   | 1    | 1   | 1   |     |     |     |   |   |
| 23         | 1    | 129795-49551 | GASKET              | 1    | 1   | 1   |     |     |     |   |   |
| 24         | 1    | 129155-49800 | THERMOSTAT, 71      | 1    | 1   |     |     |     |     |   |   |
| 24-1       | 1    | 129574-49800 | THERMOSTAT, 82      | 1    | 1   |     |     |     |     | N |   |
| (B=E64455) |      |              |                     |      |     |     |     |     |     |   |   |
| 25         | 1    | 129150-49811 | GASKET, THERMOSTAT  | 1    | 1   | 1   |     |     |     |   |   |
| 26         | 1    | 26106-080202 | BOLT, M8X 20 PLATED | 2    | 2   | 2   |     |     |     |   |   |
| 27         | 1    | 121250-44901 | SWITCH, 110         | 1    | 1   | 1   |     |     |     |   |   |
| 28         | 1    | 124465-44950 | GASKET, 16          | 1    | 1   | 1   |     |     |     |   |   |
| 29         | 1    | 119266-49350 | SWITCH              | 1    | 1   | 1   |     |     |     |   |   |
| 30         | 1    | 129150-49360 | GASKET              | 1    | 1   | 1   |     |     |     |   |   |
| 31         | 1    | 129030-44510 | RADIATOR ASSY       | 1    |     |     |     |     |     |   |   |
| 31-1       | 1    | 129030-44520 | RADIATOR            | 1    | 1   | 1   |     |     |     | R |   |
| (A=E50967) |      |              |                     |      |     |     |     |     |     |   |   |
| 32         | 2    | 119259-44570 | CAP, RADIATOR       | 1    | 1   | 1   |     |     |     |   |   |
| 33         | 2    | 121250-44590 | CLAMP               | 2    | 2   | 2   |     |     |     |   |   |
| 35         | 2    | 129132-44520 | SHROUD              | 1    |     |     |     |     |     | Z |   |
| (A=E50967) |      |              |                     |      |     |     |     |     |     |   |   |
| 36         | 2    | 119813-44580 | HOSE, RUBBER        | 1    | 1   | 1   |     |     |     |   |   |
| 37         | 2    | 26014-080162 | BOLT, M8X 16        | 4    |     |     |     |     |     | Z |   |
| (A=E50967) |      |              |                     |      |     |     |     |     |     |   |   |
| 38         | 1    | 171064-44510 | TANK ASSY, SUB      | 1    | 1   | 1   |     |     |     |   |   |
| 40         | 2    | 121450-44531 | CAP                 | 1    | 1   | 1   |     |     |     |   |   |
| 41         | 2    | 124450-44560 | RETAINER            | 1    | 1   | 1   |     |     |     |   |   |
| 42         | 2    | 121470-44581 | GASKET              | 1    | 1   | 1   |     |     |     |   |   |
| 43         | 2    | 23065-070225 | HOSE 7X 225         | 1    | 1   | 1   |     |     |     |   |   |
| 44         | 1    | 124450-44550 | BAND                | 1    | 1   | 1   |     |     |     |   |   |
| 45         | 1    | 129132-44590 | NET, WIRE           | 1    | 1   | 1   |     |     |     |   |   |
| 46         | 1    | 121256-44600 | BRACKET, SUB TANK   | 1    | 1   | 1   |     |     |     |   |   |
| 47         | 1    | 129132-44901 | COOLER ASSY, OIL    | 1    | 1   | 1   |     |     |     |   |   |
| 48         | 1    | 119859-49010 | PIPE, WATER         | 1    | 1   |     |     |     |     |   |   |
| 49         | 1    | 119869-49020 | PIPE, WATER         | 1    | 1   |     |     |     |     |   |   |
| 50         | 1    | 129150-49100 | COCK ASSY, 3-WAY    | 1    | 1   | 1   |     |     |     |   |   |
| 51         | 2    | 129150-49080 | COCK, DRAIN         | 1    | 1   | 1   |     |     |     |   |   |

N:Old, New, Q:Old, New, R:Old, New, S:Old, New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
++ CONTINUE ++  
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

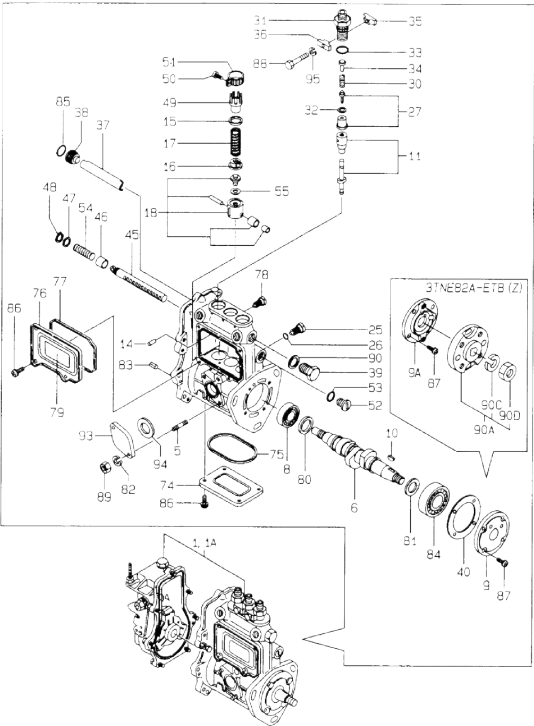


| No. | Lev. | Parts No.    | Description         | (A)=3TNE82A-TB<br>(B)=3TNE82A-ETB<br>(C)=3TNE82A-ETBZ |     |     | (D)=<br>(E)=<br>(F)= |     |     | I | R |
|-----|------|--------------|---------------------|-------------------------------------------------------|-----|-----|----------------------|-----|-----|---|---|
|     |      |              |                     | (A)                                                   | (B) | (C) | (D)                  | (E) | (F) |   |   |
| 55  | 1    | 121550-49111 | JOINT, PT1/4        | 1                                                     | 1   | 1   |                      |     |     |   |   |
| 56  | 1    | 121750-49110 | JOINT               | 1                                                     | 1   | 1   |                      |     |     |   |   |
| 57  | 1    | 23010-038000 | CLAMP, 38           | 4                                                     | 4   | 4   |                      |     |     |   |   |
| 58  | 1    | 129556-42350 | V-PULLEY, 96        |                                                       |     | 1   |                      |     |     |   |   |
| 59  | 1    | 25132-003700 | V-BELT, A37         |                                                       |     | 1   |                      |     |     |   |   |
| 60  | 1    | 129114-44740 | FAN, COOLING D325XY |                                                       |     | 1   |                      |     |     |   |   |
| 61  | 1    | 129457-44760 | SPACER, FAN         |                                                       |     | 1   |                      |     |     |   |   |
| 62  | 1    | 26106-060452 | BOLT, M6X 45 PLATED |                                                       |     | 4   |                      |     |     |   |   |
| 63  | 1    | 119823-49030 | PIPE, WATER         |                                                       |     | 1   |                      |     |     |   |   |
| 64  | 1    | 119823-49040 | PIPE, WATER         |                                                       |     | 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

Copyright (C) YANMAR CO., LTD. All Rights Reserved.

Fig.11. FUEL INJECTION PUMP

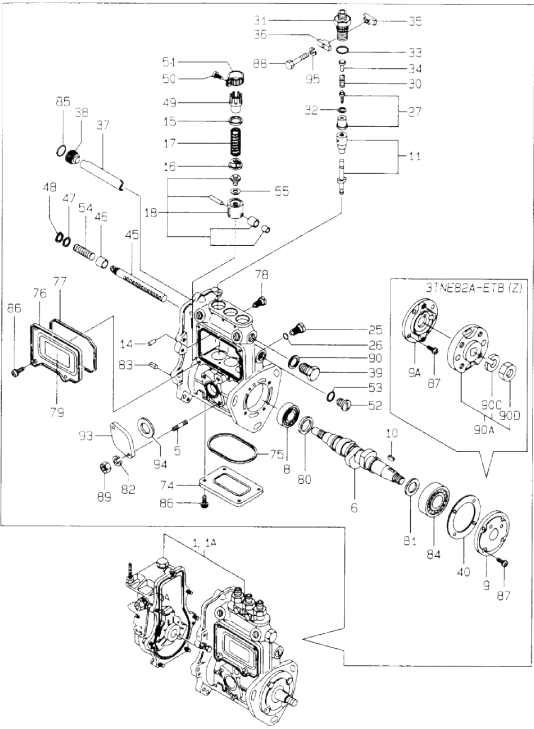


| No.                   | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----------------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|                       |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1                     | 1    | 719823-51410 | PUMP ASSY, INJECTION | 1    |     |     |     |     |     |   | 1 |
| 1A                    | 1    | 719824-51470 | PUMP ASSY, INJECTION |      | 1   | 1   |     |     |     |   | 1 |
| 5                     | 2    | 129155-51020 | STUD                 | 2    | 2   | 2   |     |     |     |   |   |
| 6                     | 2    | 119810-51040 | CAMSHAFT             | 1    | 1   | 1   |     |     |     |   |   |
| 8                     | 2    | 129155-51050 | BEARING, 17BM001D    | 1    | 1   | 1   |     |     |     |   |   |
| 9                     | 2    | 129155-51060 | SUPPORT, CAMSHAFT    | 1    |     |     |     |     |     |   |   |
| 9A                    | 2    | 129208-51060 | SUPPORT              |      | 1   | 1   |     |     |     |   |   |
| 10                    | 2    | 122710-51090 | KEY                  | 1    | 1   | 1   |     |     |     |   |   |
| 11                    | 2    | 129108-51100 | PLUNGER ASSY         | 3    | 3   | 3   |     |     |     |   |   |
| 14                    | 2    | 129155-51140 | PIN                  | 3    | 3   | 3   |     |     |     |   |   |
| 15                    | 2    | 174307-51170 | RETAINER, SPRING A   | 3    | 3   | 3   |     |     |     |   |   |
| 16                    | 2    | 129155-51180 | RETAINER, SPRING     | 3    | 3   | 3   |     |     |     |   |   |
| 17                    | 2    | 124950-51190 | SPRING, PLUNGER      | 3    | 3   | 3   |     |     |     |   |   |
| 18                    | 2    | 129155-51200 | TAPPET ASSY          | 3    | 3   | 3   |     |     |     |   |   |
| 25                    | 2    | 129155-51270 | STOPPER, TAPPET      | 3    | 3   | 3   |     |     |     |   |   |
| 26                    | 2    | 129155-51280 | O-RING, S6           | 3    | 3   | 3   |     |     |     |   |   |
| 27                    | 2    | 129505-51300 | VALVE ASSY, DELIVERY | 3    | 3   | 3   |     |     |     |   |   |
| 30                    | 2    | 129155-51320 | SPRING, DELIVERY     | 3    | 3   | 3   |     |     |     |   |   |
| 31                    | 2    | 129155-51340 | RETAINER             | 3    | 3   | 3   |     |     |     |   |   |
| 32                    | 2    | 124550-51350 | GASKET, DELIVERY     | 3    | 3   | 3   |     |     |     |   |   |
| 33                    | 2    | 124550-51370 | O-RING               | 3    | 3   | 3   |     |     |     |   |   |
| 34                    | 2    | 129155-51370 | STOPPER, VALVE       | 3    | 3   | 3   |     |     |     |   |   |
| 35                    | 2    | 129155-51380 | STOPPER              | 2    | 2   | 2   |     |     |     |   |   |
| 36                    | 2    | 129155-51390 | STOPPER              | 2    | 2   | 2   |     |     |     |   |   |
| 37                    | 2    | 129155-51400 | DEFLECTOR            | 1    | 1   | 1   |     |     |     |   |   |
| 38                    | 2    | 129155-51410 | BOLT                 | 1    | 1   | 1   |     |     |     |   |   |
| 39                    | 2    | 129155-51420 | PLUG, M16            | 1    | 1   | 1   |     |     |     |   |   |
| 40                    | 2    | 129155-51450 | SHIM SET, ADJUSTING  | 1    | 1   | 1   |     |     |     |   |   |
| 45                    | 2    | 129155-51500 | RACK, CONTROL        | 1    | 1   | 1   |     |     |     |   |   |
| 46                    | 2    | 129155-51521 | BUSH, RACK           | 1    | 1   | 1   |     |     |     |   |   |
| 47                    | 2    | 129155-51530 | SPACER               | 1    | 1   | 1   |     |     |     |   |   |
| 48                    | 2    | 129155-51540 | CIRCLIP              | 1    | 1   | 1   |     |     |     |   |   |
| 49                    | 2    | 129155-51550 | PINION, CONTROL      | 3    | 3   | 3   |     |     |     |   |   |
| 50                    | 2    | 122117-51560 | SCREW                | 3    | 3   | 3   |     |     |     |   |   |
| 51                    | 2    | 174307-51560 | PINION               | 3    | 3   | 3   |     |     |     |   |   |
| 52                    | 2    | 129155-51570 | PLUG, M12            | 1    | 1   | 1   |     |     |     |   |   |
| 53                    | 2    | 129155-51580 | O-RING               | 1    | 1   | 1   |     |     |     |   |   |
| 54                    | 2    | 129155-51591 | SPRING, RACK         | 1    | 1   | 1   |     |     |     |   |   |
| 55                    | 2    | 129155-51600 | SHIM SET, ADJUSTING  | 3    | 3   | 3   |     |     |     |   |   |
| 74                    | 2    | 129155-51700 | COVER                | 1    |     |     |     |     |     |   |   |
| 74-1                  | 2    | 129155-51701 | COVER                | 1    | 1   | 1   |     |     |     |   | N |
| (A=E55620)            |      |              |                      |      |     |     |     |     |     |   |   |
| 75                    | 2    | 129155-51710 | GASKET               | 1    | 1   |     |     |     |     |   |   |
| 75-1                  | 2    | 129155-51711 | GASKET               | 1    | 1   | 1   |     |     |     |   | N |
| (A=E55620) (B=E64455) |      |              |                      |      |     |     |     |     |     |   |   |
| 76                    | 2    | 129155-51750 | COVER                | 1    |     |     |     |     |     |   |   |
| 76-1                  | 2    | 129155-51751 | COVER                | 1    | 1   | 1   |     |     |     |   | N |
| (A=E55620)            |      |              |                      |      |     |     |     |     |     |   |   |
| 77                    | 2    | 129155-51760 | GASKET               | 1    | 1   | 1   |     |     |     |   |   |
| 78                    | 2    | 129155-51790 | STOOPER, RACK        | 1    | 1   | 1   |     |     |     |   |   |
| 79                    | 2    | 129156-51910 | LABEL, CAUTION       | 1    | 1   | 1   |     |     |     |   |   |

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

OCD10-M69402

Fig.11. FUEL INJECTION PUMP

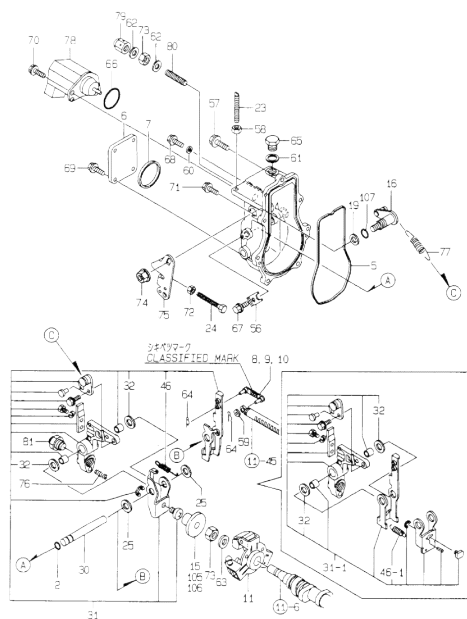


| No.        | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 80         | 2    | 129155-51930 | SPACER, T=3.25      | 1    | 1   | 1   |     |     |     |   |   |
| 81         | 2    | 129155-51940 | SPACER, T=1.5       | 1    | 1   | 1   |     |     |     |   |   |
| 82         | 2    | 22217-060000 | WASHER, SPRING 6    | 2    | 2   | 2   |     |     |     |   |   |
| 83         | 2    | 22351-050010 | PIN, SPRING 5.0X10  | 2    | 2   | 2   |     |     |     |   |   |
| 84         | 2    | 24101-063034 | BEARING, BALL 6303  | 1    | 1   | 1   |     |     |     |   |   |
| 85         | 2    | 24341-000160 | O-RING, 1AS16.0     | 1    | 1   | 1   |     |     |     |   |   |
| 86         | 2    | 26022-050102 | SCREW, M5X10        | 8    |     |     |     |     |     |   |   |
| 86-1       | 2    | 26022-050122 | SCREW, M5X12        | 8    | 8   | 8   |     |     |     |   | N |
| (A=E55620) |      |              |                     |      |     |     |     |     |     |   |   |
| 87         | 2    | 26022-060162 | SCREW, M6X16        | 4    | 4   | 4   |     |     |     |   |   |
| 88         | 2    | 26116-050302 | BOLT, M5X 30 PLATED | 2    | 2   | 2   |     |     |     |   |   |
| 89         | 2    | 26716-060002 | NUT, M6             | 2    | 2   | 2   |     |     |     |   |   |
| 90         | 2    | 22190-160002 | WASHER, SEAL 16     | 1    | 1   | 1   |     |     |     |   |   |
| 90A        | 2    | 129208-54500 | FLANGE ASSY         | 1    | 1   |     |     |     |     |   |   |
| 90C        | 3    | 22217-120000 | WASHER, SPRING 12   | 1    | 1   |     |     |     |     |   |   |
| 90D        | 3    | 26716-120002 | NUT, M12            |      | 1   | 1   |     |     |     |   |   |
| 93         | 2    | 129100-52200 | COVER               | 1    | 1   | 1   |     |     |     |   |   |
| 94         | 2    | 129155-52050 | GASKET              | 1    | 1   | 1   |     |     |     |   |   |
| 95         | 2    | 22217-050000 | WASHER, SPRING 5    | 2    | 2   | 2   |     |     |     |   |   |

Remarks  
(1) GOVERNOR(FIG.12) IS INCORPORATED  
IN THIS FUEL INJECTION PUMP ASSY  
(REF.NO.1,1A).

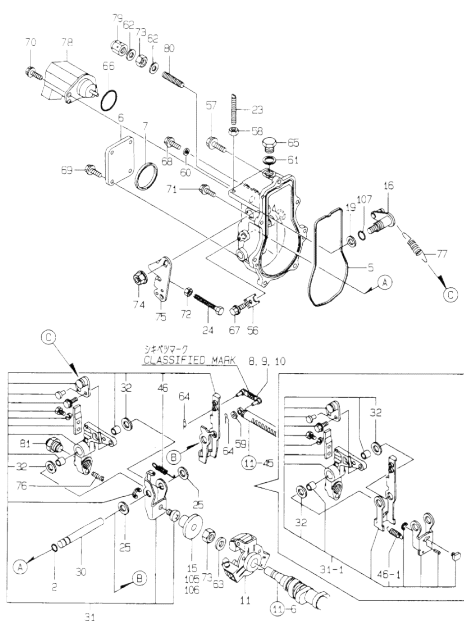
OCD10-M69402

Fig.12. GOVERNOR



| No.  | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R   |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|-----|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |     |
| 2    | 2    | 129155-51280 | O-RING, S6           | 1    | 1   | 1   |     |     |     |   |     |
| 5    | 2    | 129052-61050 | GASKET               | 1    | 1   | 1   |     |     |     |   |     |
| 6    | 2    | 129052-61060 | COVER, GOVERNOR CASE | 1    | 1   | 1   |     |     |     |   |     |
| 7    | 2    | 129052-61070 | GASKET               | 1    | 1   | 1   |     |     |     |   |     |
| 8    | 2    | 129155-61120 | LINK, L=30 MARK 0    | 1    | 1   | 1   |     |     |     |   | 1   |
| 9    | 2    | 129155-61130 | LINK, L=31 MARK 1    | 1    | 1   | 1   |     |     |     |   | 1   |
| 10   | 2    | 129155-61140 | LINK, L=30.5 MARK 05 | 1    | 1   | 1   |     |     |     |   | 1   |
| 11   | 2    | 129155-61201 | WEIGHT ASSY,GOVERNOR | 1    |     |     |     |     |     |   |     |
| 11-1 | 2    | 129155-61202 | WEIGHT ASSY,GOVERNOR | 1    | 1   |     |     |     |     |   | R   |
| 11-2 | 2    | 129486-61201 | WEIGHT ASSY,GOVERNOR |      | 1   | 1   |     |     |     |   | S 3 |
| 15   | 2    | 129155-61341 | SLEEVE               | 1    | 1   | 1   |     |     |     |   | 2   |
| 16   | 2    | 129100-61400 | SHAFT ASSY           | 1    | 1   | 1   |     |     |     |   |     |
| 19   | 2    | 129155-61430 | SPACER               | 1    | 1   | 1   |     |     |     |   |     |
| 23   | 2    | 129155-61450 | BOLT, LIMITER        | 1    | 1   | 1   |     |     |     |   |     |
| 24   | 2    | 129155-61460 | BOLT, IDLE           | 1    | 1   | 1   |     |     |     |   |     |
| 25   | 2    | 129155-61480 | SPACER ASSY          | 2    | 2   | 2   |     |     |     |   |     |
| 30   | 2    | 129052-61390 | SHAFT                | 1    | 1   | 1   |     |     |     |   |     |
| 31   | 2    | 129052-61500 | LEVER ASSY, GOVERNOR | 1    | 1   |     |     |     |     |   |     |
| 31-1 | 2    | 119908-61501 | LEVER ASSY, GOVERNOR | 1    | 1   | 1   |     |     |     |   | S   |
| 32   | 3    | 174307-51700 | SHIM SET             | 2    | 2   | 2   |     |     |     |   |     |
| 46   | 3    | 129052-61540 | SPRING, SET          | 1    | 1   |     |     |     |     |   |     |
| 46-1 | 3    | 129486-61540 | SPRING, SET          | 1    | 1   | 1   |     |     |     |   | S   |
| 56   | 2    | 119660-61901 | RETAINER, SHAFT      | 1    | 1   | 1   |     |     |     |   |     |
| 57   | 2    | 129155-61950 | BOLT                 | 1    | 1   | 1   |     |     |     |   |     |
| 58   | 2    | 124550-66370 | NUT, M6              | 1    | 1   | 1   |     |     |     |   |     |
| 59   | 2    | 22117-040000 | WASHER, 4            | 1    | 1   | 1   |     |     |     |   |     |
| 60   | 2    | 22190-060003 | SEAL WASER 6         | 1    | 1   | 1   |     |     |     |   |     |
| 61   | 2    | 22190-100002 | WASHER, SEAL 10      | 1    | 1   | 1   |     |     |     |   |     |
| 62   | 2    | 22190-120002 | WASHER, SEAL 12      | 2    | 2   | 2   |     |     |     |   |     |
| 63   | 2    | 22287-120000 | WASHER, 12           | 1    | 1   | 1   |     |     |     |   |     |
| 64   | 2    | 22372-040000 | PIN, SNAP 4          | 2    | 2   | 2   |     |     |     |   |     |
| 65   | 2    | 23887-100002 | PLUG, 10             | 1    | 1   | 1   |     |     |     |   |     |
| 66   | 2    | 24341-000280 | O-RING, 1AS28.0      | 1    | 1   | 1   |     |     |     |   |     |
| 66-1 | 2    | 158552-61900 | O-RING               | 1    | 1   | 1   |     |     |     |   | N   |
| 67   | 2    | 26106-060102 | BOLT, M6X 10 PLATED  | 1    | 1   | 1   |     |     |     |   |     |
| 68   | 2    | 26106-060102 | BOLT, M6X 10 PLATED  | 1    | 1   | 1   |     |     |     |   |     |
| 69   | 2    | 26106-060102 | BOLT, M6X 10 PLATED  | 4    | 4   | 4   |     |     |     |   |     |
| 70   | 2    | 26106-060142 | BOLT, M6X 14 PLATED  | 2    | 2   | 2   |     |     |     |   |     |
| 71   | 2    | 26106-060202 | BOLT, M6X 20 PLATED  | 6    | 6   | 6   |     |     |     |   |     |
| 72   | 2    | 26756-060002 | NUT, LOCK M6         | 1    | 1   | 1   |     |     |     |   |     |
| 73   | 2    | 26776-120002 | NUT, LOCK M12        | 2    | 2   | 2   |     |     |     |   |     |
| 74   | 2    | 26366-080002 | NUT, M8              | 1    | 1   | 1   |     |     |     |   |     |
| 75   | 2    | 129100-61440 | LEVER, CONTROL       | 1    | 1   | 1   |     |     |     |   |     |
| 76   | 2    | 129100-61650 | SPRING, CONTROLLER   | 1    | 1   | 1   |     |     |     |   |     |
| 77   | 2    | 171353-61710 | SPRING, GOVERNOR     | 1    | 1   | 1   |     |     |     |   |     |
| 78   | 2    | 119285-77951 | SOLENOID             | 1    | 1   |     |     |     |     |   |     |

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

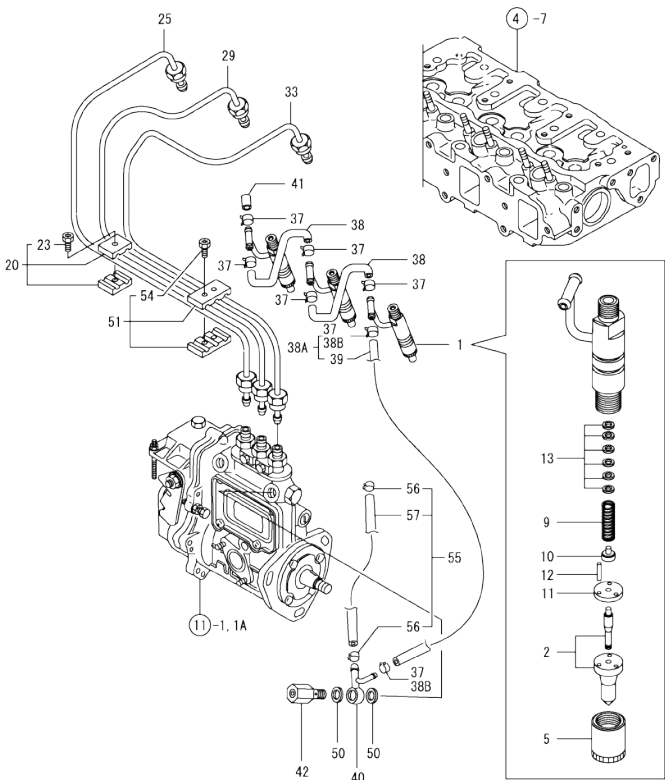


| No.  | Lev. | Parts No.            | Description    | (A)=3TNE82A-TB<br>(B)=3TNE82A-ETB<br>(C)=3TNE82A-ETBZ |     |     | (D)=<br>(E)=<br>(F)= |     |     | I | R   |
|------|------|----------------------|----------------|-------------------------------------------------------|-----|-----|----------------------|-----|-----|---|-----|
|      |      |                      |                | (A)                                                   | (B) | (C) | (D)                  | (E) | (F) |   |     |
| 78-1 | 2    | 112985-77952         | SOLENOID, STOP | 1                                                     | 1   | 1   |                      |     |     | N |     |
|      |      | (A=EXXX)<br>(B=EXXX) |                |                                                       |     |     |                      |     |     |   |     |
| 79   | 2    | 129100-61930         | NUT, CAP       | 1                                                     | 1   | 1   |                      |     |     |   |     |
| 80   | 2    | 129155-61470         | BOLT, CONTROL  | 1                                                     | 1   |     |                      |     |     |   |     |
| 80-1 | 2    | 120323-61470         | BOLT, CONTROL  |                                                       |     | 1   | 1                    |     |     |   | S 3 |
|      |      | (B=E)                |                |                                                       |     |     |                      |     |     |   |     |
| 81   | 2    | 171353-61550         | ANGLEICH ASSY  | 1                                                     | 1   | 1   |                      |     |     |   |     |
| 105  | 2    | 129155-61350         | SLEEVE, L=24.9 | 1                                                     | 1   | 1   |                      |     |     |   | 2   |
| 106  | 2    | 129155-61360         | SLEEVE, L=25.2 | 1                                                     | 1   | 1   |                      |     |     |   | 2   |
| 107  | 2    | 129155-61830         | O-RING, S10    | 1                                                     | 1   | 1   |                      |     |     |   |     |

\* THIS FIGURE(GOVERNOR ASSY) IS INCORPORATED IN THE FUEL INJECTION PUMP ASSY(FIG.11).

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

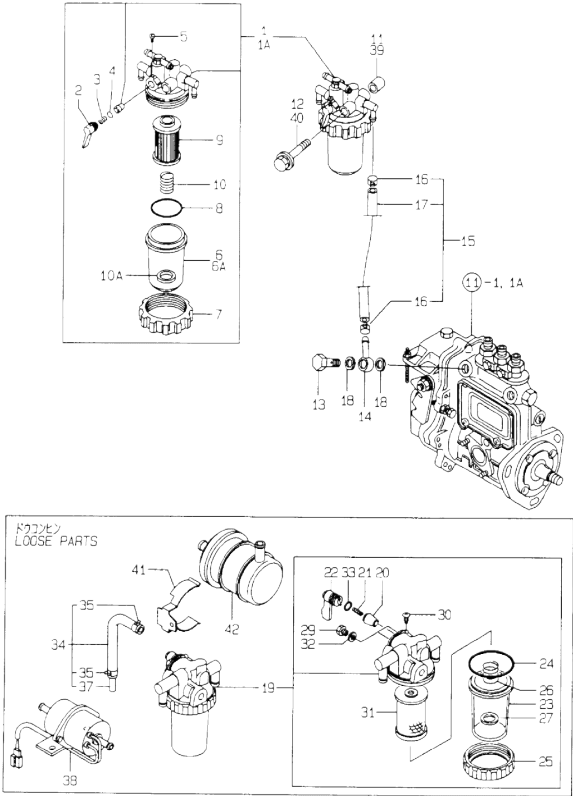
Fig.13. FUEL INJECTION VALVE



| No.        | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 729500-53200 | VALVE ASSY,INJECTION | 3    | 3   | 3   |     |     |     |   |   |
| 2          | 2    | 129500-53050 | VALVE ASSY,INJECTION | 3    | 3   | 3   |     |     |     |   |   |
| 5          | 2    | 114250-53080 | NUT, NOZZLE D16.95   | 3    | 3   | 3   |     |     |     |   |   |
| 9          | 2    | 114250-53120 | SPRING, NOZZLE       | 3    | 3   | 3   |     |     |     |   |   |
| 10         | 2    | 114250-53130 | SEAT, SPRING         | 3    | 3   | 3   |     |     |     |   |   |
| 11         | 2    | 114250-53140 | PLATE                | 3    | 3   | 3   |     |     |     |   |   |
| 12         | 2    | 114250-53210 | PIN                  | 6    | 6   | 6   |     |     |     |   |   |
| 13         | 2    | 114250-53400 | SHIM SET             | 3    | 3   | 3   |     |     |     |   |   |
| 20         | 1    | 119305-59120 | RETAINER, PIPE       | 1    | 1   | 1   |     |     |     |   |   |
| 23         | 2    | 129150-59131 | BOLT, M4X14          | 1    | 1   | 1   |     |     |     |   |   |
| 25         | 1    | 119813-59812 | PIPE ASSY, INJECTION | 1    | 1   | 1   |     |     |     |   |   |
| 29         | 1    | 119813-59821 | PIPE ASSY, INJECTION | 1    | 1   | 1   |     |     |     |   |   |
| 33         | 1    | 119813-59831 | PIPE ASSY, INJECTION | 1    | 1   | 1   |     |     |     |   |   |
| 37         | 1    | 124066-59100 | CLIP, HOSE 8         | 7    |     |     |     |     |     |   |   |
| 37-1       | 1    | 124066-59100 | CLIP, HOSE 8         | 5    | 5   | 5   |     |     |     |   | K |
| (A=E55167) |      |              |                      |      |     |     |     |     |     |   |   |
| 38         | 1    | 121250-59550 | PIPE, FUEL D8X120    | 2    | 2   | 2   |     |     |     |   |   |
| 38A        | 1    | 119840-59500 | PIPE ASSY, RETURN    | 1    | 1   | 1   |     |     |     |   | W |
| (A=E55167) |      |              |                      |      |     |     |     |     |     |   |   |
| 38B        | 2    | 124066-59100 | CLIP, HOSE 8         | 2    | 2   | 2   |     |     |     |   | W |
| (A=E55167) |      |              |                      |      |     |     |     |     |     |   |   |
| 39         | 2    | 119840-59560 | PIPE, FUEL RETURN    | 1    | 1   | 1   |     |     |     |   |   |
| 40         | 1    | 119840-59570 | JOINT                | 1    | 1   | 1   |     |     |     |   |   |
| 41         | 1    | 129150-59580 | CAP                  | 1    | 1   | 1   |     |     |     |   |   |
| 42         | 1    | 129100-59951 | VALVE ASSY, CHECK    | 1    | 1   | 1   |     |     |     |   |   |
| 50         | 1    | 23414-120000 | GASKET, 12X1.0       | 2    |     |     |     |     |     |   |   |
| 50-1       | 1    | 22190-120002 | WASHER, SEAL 12      | 2    | 2   | 2   |     |     |     |   | N |
| (A=E51613) |      |              |                      |      |     |     |     |     |     |   |   |
| 51         | 1    | 129150-59120 | RETAINER, PIPE       | 1    | 1   | 1   |     |     |     |   |   |
| 54         | 2    | 129150-59131 | BOLT, M4X14          | 2    | 2   | 2   |     |     |     |   |   |
| 55         | 1    | 129210-59130 | PIPE ASSY, FUEL      | 1    | 1   | 1   |     |     |     |   |   |
| 56         | 2    | 124766-59050 | CLIP, HOSE 12        | 2    | 2   | 2   |     |     |     |   |   |
| 57         | 2    | 105025-59750 | PIPE, FUEL           | 1    | 1   | 1   |     |     |     |   |   |

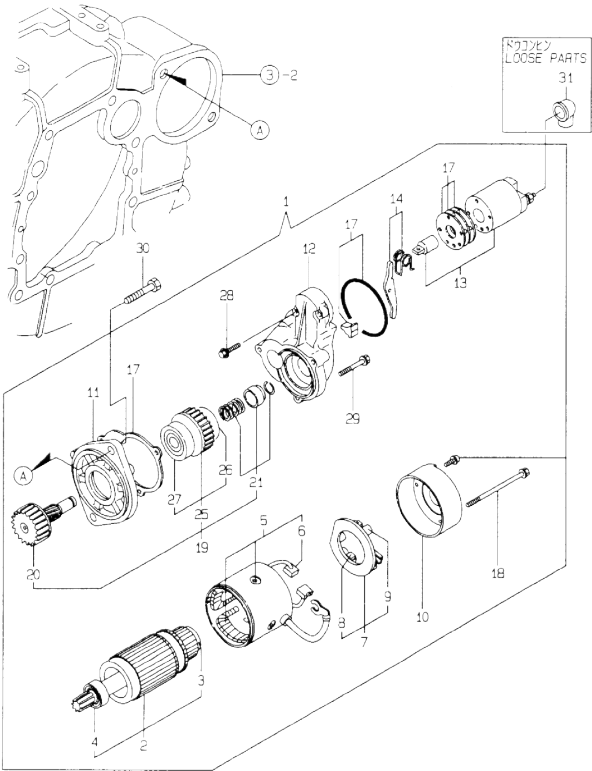
OCD10-M69402

Fig.14. FUEL LINE



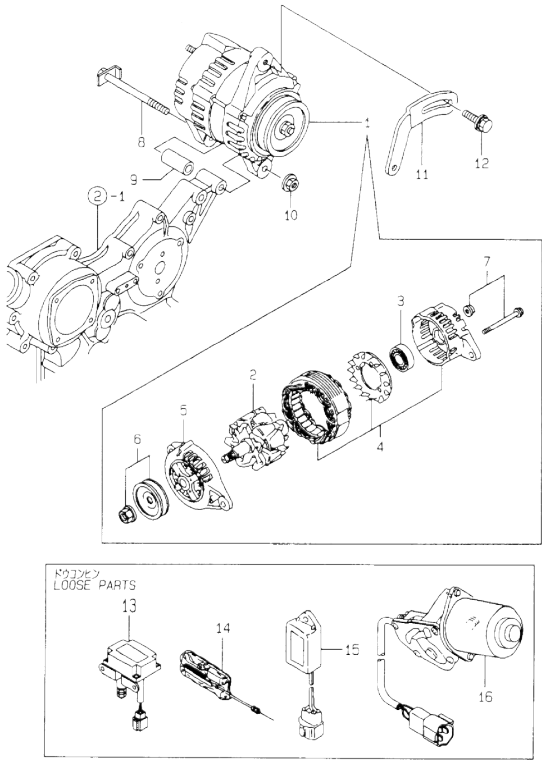
| No. | Lev. | Parts No.    | Description           | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|-----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                       | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 119833-55620 | FILTER ASSY, FUEL     | 1    | 1   |     |     |     |     |   |   |
| 1A  | 1    | 129053-55620 | FILTER ASSY, FUEL     |      |     | 1   |     |     |     |   |   |
| 2   | 2    | 119810-55340 | LEVER                 | 1    | 1   | 1   |     |     |     |   |   |
| 3   | 2    | 104200-55330 | SPRING, VALVE         | 1    | 1   | 1   |     |     |     |   |   |
| 4   | 2    | 24311-240100 | O-RING, 1AP10A        | 1    | 1   | 1   |     |     |     |   |   |
| 5   | 2    | 104200-55750 | SCREW, M4             | 1    | 1   | 1   |     |     |     |   |   |
| 6   | 2    | 121254-55510 | COVER                 | 1    | 1   |     |     |     |     |   |   |
| 6A  | 2    | 129107-55510 | CUP, STRAINER         |      |     | 1   |     |     |     |   |   |
| 7   | 2    | 110250-55610 | RING, RETAINING       | 1    | 1   | 1   |     |     |     |   |   |
| 8   | 2    | 102103-55520 | O-RING                | 1    | 1   | 1   |     |     |     |   |   |
| 9   | 2    | 119810-55650 | ELEMENT               | 1    | 1   | 1   |     |     |     |   |   |
| 10  | 2    | 121250-55620 | SPRING                | 1    | 1   | 1   |     |     |     |   |   |
| 10A | 2    | 121257-55731 | FLOAT                 |      |     | 1   |     |     |     |   |   |
| 11  | 1    | 129411-55690 | SPACER                | 1    | 1   |     |     |     |     |   |   |
| 12  | 1    | 26014-080852 | BOLT, M8X 85          | 1    | 1   |     |     |     |     |   |   |
| 13  | 1    | 103854-39140 | BOLT, PIPE JOINT      | 1    | 1   | 1   |     |     |     |   |   |
| 14  | 1    | 101304-59020 | JOINT, PIPE 12        | 1    | 1   | 1   |     |     |     |   |   |
| 15  | 1    | 129210-59040 | PIPE ASSY, FUEL       | 1    | 1   | 1   |     |     |     |   |   |
| 16  | 2    | 124766-59050 | CLIP, HOSE 12         | 2    | 2   | 2   |     |     |     |   |   |
| 17  | 2    | 129555-59510 | PIPE, D13/7.5X180     | 1    | 1   | 1   |     |     |     |   |   |
| 18  | 1    | 22190-120002 | WASHER, SEAL 12       | 2    | 2   | 2   |     |     |     |   |   |
| 19  | 1    | 129335-55700 | SEPARATOR ASSY, WATER | 1    | 1   |     |     |     |     |   |   |
| 20  | 2    | 104200-55321 | VALVE, TAPER          | 1    | 1   |     |     |     |     |   |   |
| 21  | 2    | 104200-55330 | SPRING, VALVE         | 1    | 1   |     |     |     |     |   |   |
| 22  | 2    | 104200-55341 | HANDLE                | 1    | 1   |     |     |     |     |   |   |
| 23  | 2    | 124064-55510 | COVER                 | 1    | 1   |     |     |     |     |   |   |
| 24  | 2    | 102103-55520 | O-RING                | 1    | 1   |     |     |     |     |   |   |
| 25  | 2    | 110250-55610 | RING, RETAINING       | 1    | 1   |     |     |     |     |   |   |
| 26  | 2    | 121257-55720 | SPRING                | 1    | 1   |     |     |     |     |   |   |
| 27  | 2    | 121257-55731 | FLOAT                 | 1    | 1   |     |     |     |     |   |   |
| 29  | 2    | 101720-55750 | PLUG, 6               | 2    | 2   |     |     |     |     |   |   |
| 30  | 2    | 104200-55750 | SCREW, M4             | 1    | 1   |     |     |     |     |   |   |
| 31  | 2    | 171081-55910 | SCREEN                | 1    | 1   |     |     |     |     |   |   |
| 32  | 2    | 23418-060000 | GASKET, 6X1.0         | 2    | 2   |     |     |     |     |   |   |
| 33  | 2    | 24311-240100 | O-RING, 1AP10A        | 1    | 1   |     |     |     |     |   |   |
| 34  | 1    | 119840-59601 | BEND                  | 1    | 1   | 1   |     |     |     |   |   |
| 35  | 2    | 124766-59050 | CLIP, HOSE 12         | 2    | 2   | 2   |     |     |     |   |   |
| 37  | 2    | 119840-59621 | JOINT                 | 1    | 1   | 1   |     |     |     |   |   |
| 38  | 1    | 129322-77401 | PUMP ASSY, FUEL FEED  | 1    | 1   | 1   |     |     |     |   |   |
| 39  | 1    | 106500-44810 | SPACER                |      |     | 1   |     |     |     |   |   |
| 40  | 1    | 26014-080752 | BOLT, M8X 75          |      |     | 1   |     |     |     |   |   |
| 41  | 1    | 198072-04320 | CLAMP, FILTER         |      |     | 1   |     |     |     |   |   |
| 42  | 1    | 129052-55630 | FILTER, FUEL          |      |     | 1   |     |     |     |   |   |

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   |     |     |     |   |   |
| 2   | 2    | 129486-77400 | ARMATUER             | 1    | 1   | 1   |     |     |     |   |   |
| 3   | 3    | 171008-77410 | BEARING(1)           | 1    | 1   | 1   |     |     |     |   |   |
| 4   | 3    | 171008-77420 | BEARING(2)           | 1    | 1   | 1   |     |     |     |   |   |
| 5   | 2    | 129400-77441 | COIL ASSY, FIELD     | 1    | 1   | 1   |     |     |     |   |   |
| 6   | 3    | 129486-77460 | BRUSH                | 2    | 2   | 2   |     |     |     |   |   |
| 7   | 2    | 129486-77470 | HOLDER ASSY, BRUSH   | 1    | 1   | 1   |     |     |     |   |   |
| 8   | 3    | 129486-77460 | BRUSH                | 2    | 2   | 2   |     |     |     |   |   |
| 9   | 3    | 129486-77490 | SPRING, START BRUSH  | 4    | 4   | 4   |     |     |     |   |   |
| 10  | 2    | 129900-77460 | COVER, REAR          | 1    | 1   | 1   |     |     |     |   |   |
| 11  | 2    | 171008-77510 | HOUSING ASSY, GEAR   | 1    | 1   | 1   |     |     |     |   |   |
| 12  | 2    | 129400-77520 | HOUSING, CENTER      | 1    | 1   | 1   |     |     |     |   |   |
| 13  | 2    | 129400-77531 | SWITCH ASSY,MAGNETIC | 1    | 1   | 1   |     |     |     |   |   |
| 14  | 2    | 171008-77540 | LEVER SET, SHIFT     | 1    | 1   | 1   |     |     |     |   |   |
| 17  | 2    | 129400-77571 | DUST COVER,(NON-ASB. | 1    | 1   | 1   |     |     |     |   |   |
| 18  | 2    | 129900-77640 | BOLT, THROUGH        | 2    | 2   | 2   |     |     |     |   |   |
| 19  | 2    | 171008-77650 | PINION ASSY          | 1    | 1   | 1   |     |     |     |   |   |
| 20  | 3    | 171008-77660 | SHAFT, PINION        | 1    | 1   | 1   |     |     |     |   |   |
| 21  | 3    | 171008-77670 | STOPPER SET, PINION  | 1    | 1   | 1   |     |     |     |   |   |
| 25  | 3    | X2114555500  | CLUTCH ASSY          | 1    | 1   | 1   |     |     |     |   |   |
| 26  | 4    | X2114955020  | BALL BEARING         | 1    | 1   | 1   |     |     |     |   |   |
| 27  | 4    | X2240410100  | BEARING, BALL        | 1    | 1   | 1   |     |     |     |   |   |
| 28  | 2    | 26106-060322 | BOLT, M6X 32 PLATED  | 2    | 2   | 2   |     |     |     |   |   |
| 29  | 2    | 26106-060402 | BOLT, M6X 40 PLATED  | 3    | 3   | 3   |     |     |     |   |   |
| 30  | 1    | 26116-120252 | BOLT, M12X 25 PLATED | 2    | 2   | 2   |     |     |     |   |   |
| 31  | 1    | 124550-77030 | COVER, TERMINAL      | 1    | 1   | 1   |     |     |     |   |   |

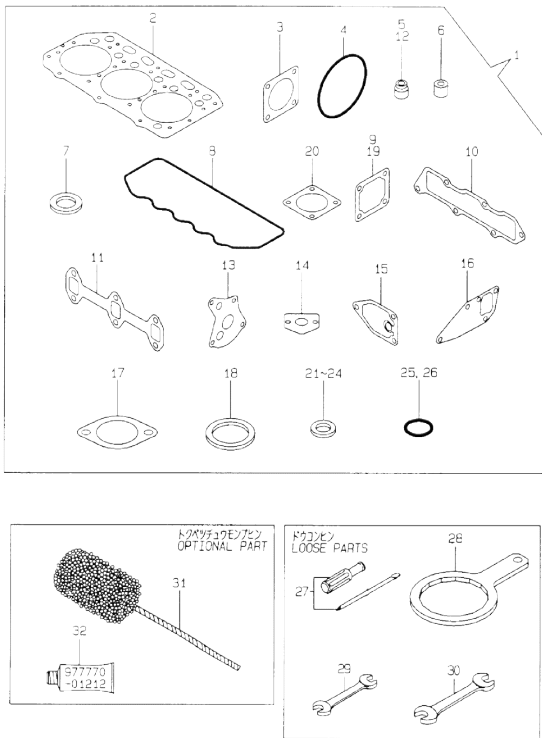
Fig.16. GENERATOR



| No.  | Lev. | Parts No.             | Description          | Q'ty |     |     |     |     |     | I | R |
|------|------|-----------------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |                       |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 119836-77201          | GENERATOR (AC)       | 1    | 1   | 1   |     |     |     |   |   |
| 2    | 2    | 129612-77700          | ROTOR ASSY           | 1    | 1   | 1   |     |     |     |   |   |
| 3    | 2    | 129612-77710          | BEARING, BALL        | 1    | 1   | 1   |     |     |     |   |   |
| 4    | 2    | 119836-77920          | BRACKET ASSY         | 1    | 1   | 1   |     |     |     |   |   |
| 5    | 2    | 129612-77730          | BRACKET ASSY, FILTER | 1    | 1   | 1   |     |     |     |   |   |
| 6    | 2    | 129612-77740          | PULLEY               | 1    | 1   | 1   |     |     |     |   |   |
| 7    | 2    | 129612-77750          | SCREW KIT            | 1    | 1   | 1   |     |     |     |   |   |
| 8    | 1    | 129136-77251          | BOLT, M8X110         | 1    | 1   | 1   |     |     |     |   |   |
| 9    | 1    | 119820-77340          | PIECE, DISTANCE      | 1    | 1   | 1   |     |     |     |   |   |
| 10   | 1    | 129612-77260          | NUT, ALTERNATOR      | 1    | 1   | 1   |     |     |     |   |   |
| 11   | 1    | 119867-77331          | ADJUSTER             | 1    | 1   | 1   |     |     |     |   |   |
| 12   | 1    | 119810-77340          | BOLT, ADJUSTER       | 1    | 1   | 1   |     |     |     |   |   |
| 13   | 1    | 129136-77100          | RELAY, SAFETY        | 1    | 1   | 1   |     |     |     |   |   |
| 14   | 1    | 119032-77910          | MOTOR ASSY           | 1    | 1   |     |     |     |     |   |   |
| 15   | 1    | 119632-77920          | TIMER                | 1    | 1   |     |     |     |     |   |   |
| 15-1 | 1    | 129211-77920          | TIMER                | 1    | 1   | 1   |     |     |     |   | N |
|      |      | (A=E55620) (B=E64455) |                      |      |     |     |     |     |     |   |   |
| 16   | 1    | 129136-66810          | MOTOR, STOP          |      |     | 1   |     |     |     |   |   |

OCD10-M69402

Fig.17. GASKET SET



| No.                   | Lev. | Parts No.    | Description        | Q'ty |     |     |     |     |     | I | R |
|-----------------------|------|--------------|--------------------|------|-----|-----|-----|-----|-----|---|---|
|                       |      |              |                    | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1                     | 1    | 719812-92650 | GASKET SET         | 1    |     |     |     |     |     |   | 1 |
| 1-1                   | 1    | 719812-92651 | GASKET SET         | 1    | 1   | 1   |     |     |     | N | 1 |
| (A=E55620) (B=E55766) |      |              |                    |      |     |     |     |     |     |   |   |
| 2                     | 2    | 119812-01330 | GASKET, HEAD       | 1    | 1   | 1   |     |     |     |   |   |
| 3                     | 2    | 124240-01883 | GASKET             | 1    | 1   |     |     |     |     |   | Z |
| (A=E55620) (B=E55766) |      |              |                    |      |     |     |     |     |     |   |   |
| 4                     | 2    | 121850-51960 | O-RING             | 1    | 1   | 1   |     |     |     |   |   |
| 5                     | 2    | 124160-11340 | SEAL, VALVE STEM   | 3    | 3   | 3   |     |     |     |   |   |
| 6                     | 2    | 119625-11870 | PROTECTOR, NOZZLE  | 3    | 3   | 3   |     |     |     |   |   |
| 7                     | 2    | 119625-11880 | SEAT, NOZZLE       | 3    | 3   | 3   |     |     |     |   |   |
| 8                     | 2    | 119865-11310 | GASKET, BONNET     | 1    | 1   | 1   |     |     |     |   |   |
| 9                     | 2    | 129150-77511 | GASKET             | 1    | 1   | 1   |     |     |     |   |   |
| 10                    | 2    | 119813-12110 | GASKET, MANIFOLD   | 1    | 1   | 1   |     |     |     |   |   |
| 11                    | 2    | 119810-13110 | GASKET             | 1    | 1   | 1   |     |     |     |   |   |
| 12                    | 2    | 124950-11340 | SEAL, VALVE STEM   | 3    | 3   | 3   |     |     |     |   |   |
| 13                    | 2    | 129150-32020 | GASKET, PUMP       | 1    | 1   | 1   |     |     |     |   |   |
| 14                    | 2    | 129150-35041 | GASKET             | 1    | 1   | 1   |     |     |     |   |   |
| 15                    | 2    | 129150-35111 | GASKET             | 1    | 1   | 1   |     |     |     |   |   |
| 16                    | 2    | 129150-42020 | GASKET, WATER PUMP | 1    |     |     |     |     |     |   |   |
| 16-1                  | 2    | 129486-42050 | GASKET, WATER PUMP | 1    | 1   | 1   |     |     |     |   | N |
| (A=E55620)            |      |              |                    |      |     |     |     |     |     |   |   |
| 17                    | 2    | 129795-49551 | GASKET             | 1    | 1   | 1   |     |     |     |   |   |
| 18                    | 2    | 129150-49811 | GASKET, THERMOSTAT | 1    | 1   | 1   |     |     |     |   |   |
| 19                    | 2    | 129100-77510 | GASKET, AIR HEATER | 1    | 1   | 1   |     |     |     |   |   |
| 20                    | 2    | 124701-11911 | GASKET, SILENCER   | 2    |     |     |     |     |     |   |   |
| 20-1                  | 2    | 124701-11911 | GASKET, SILENCER   | 3    | 3   | 3   |     |     |     |   | K |
| (A=E50256)            |      |              |                    |      |     |     |     |     |     |   |   |
| 21                    | 2    | 124465-44950 | GASKET, 16         | 1    | 1   | 1   |     |     |     |   |   |
| 22                    | 2    | 129150-49360 | GASKET             | 1    | 1   | 1   |     |     |     |   |   |
| 23                    | 2    | 22190-120002 | WASHER, SEAL 12    | 2    | 2   | 2   |     |     |     |   |   |
| 24                    | 2    | 23414-120000 | GASKET, 12X1.0     | 2    |     |     |     |     |     |   |   |
| 24-1                  | 2    | 22190-120002 | WASHER, SEAL 12    | 2    | 2   | 2   |     |     |     |   | N |
| (A=E51613)            |      |              |                    |      |     |     |     |     |     |   |   |
| 25                    | 2    | 24311-000120 | O-RING, 1AP12.0    | 3    | 3   | 3   |     |     |     |   |   |
| 26                    | 2    | 24311-000160 | O-RING, 1AP16.0    | 2    | 2   | 2   |     |     |     |   |   |
| 27                    | 1    | 104200-92350 | DRIVER, SCREW      | 1    | 1   | 1   |     |     |     |   |   |
| 28                    | 1    | 119640-92750 | WRENCH, FILTER 80  | 1    | 1   | 1   |     |     |     |   |   |
| 29                    | 1    | 28110-100120 | SPANNER, 10X12     | 1    | 1   | 1   |     |     |     |   |   |
| 30                    | 1    | 28110-140170 | SPANNER, 14X17     | 1    | 1   | 1   |     |     |     |   |   |
| 31                    | 1    | 129400-92420 | FLEX HORN          | 1    | 1   | 1   |     |     |     |   | 1 |
| 32                    | 1    | 977770-01212 | GASKET, LIQUID     | 1    | 1   | 1   |     |     |     |   | 1 |

Remarks

(1) OPTIONAL PART.

N:Old  $\frac{YES}{NO}$  New, Q:Old  $\frac{YES}{NO}$  New, R:Old  $\frac{YES}{NO}$  New, S:Old  $\frac{YES}{NO}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

## Parts No. Index

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 101304-59020 | 14       | 14       |
| 101720-55750 | 14       | 29       |
| 102103-55520 | 14       | 8        |
|              |          | 24       |
| 103854-39140 | 14       | 13       |
| 104200-55321 | 14       | 20       |
| 104200-55330 | 14       | 3        |
|              |          | 21       |
| 104200-55341 | 14       | 22       |
| 104200-55750 | 14       | 5        |
|              |          | 30       |
| 104200-92350 | 17       | 27       |
| 104211-11180 | 4        | 18       |
| 104211-11370 | 4        | 22       |
| 105025-59750 | 13       | 57       |
| 106500-44810 | 14       | 39       |
| 110250-55610 | 14       | 7        |
|              |          | 25       |
| 114250-39450 | 9        | 36 -1    |
| 114250-53080 | 13       | 5        |
| 114250-53120 | 13       | 9        |
| 114250-53130 | 13       | 10       |
| 114250-53140 | 13       | 11       |
| 114250-53210 | 13       | 12       |
| 114250-53400 | 13       | 13       |
| 119032-77910 | 16       | 14       |
| 119131-18320 | 6        | 6        |
|              |          | 15       |
| 119140-12680 | 5        | 13       |
|              |          | 34       |
| 119225-11740 | 2        | 31       |
| 119225-11750 | 2        | 33       |
| 119259-44570 | 10       | 32       |
| 119266-49350 | 10       | 29       |
| 119285-77951 | 12       | 78       |
| 119285-77952 | 12       | 78 -1    |
| 119305-59120 | 13       | 20       |
| 119620-01750 | 3        | 3        |
| 119620-02020 | 1        | 7        |
| 119625-11870 | 4        | 23       |
|              | 17       | 6        |
| 119625-11880 | 4        | 24       |
|              | 17       | 7        |
| 119625-11900 | 4        | 25       |
| 119632-77920 | 16       | 15       |
| 119640-01640 | 3        | 9        |
| 119640-13510 | 6        | 16       |
| 119640-34800 | 9        | 16       |
| 119640-92750 | 17       | 28       |
| 119660-61901 | 12       | 56       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 119808-12520 | 5        | 10       |
|              |          | 31       |
| 119808-12540 | 5        | 12       |
|              |          | 33       |
| 119810-01200 | 1        | 22       |
| 119810-01730 | 3        | 6        |
| 119810-01780 | 3        | 17       |
| 119810-01790 | 3        | 8        |
| 119810-02800 | 1        | 15       |
| 119810-02870 | 1        | 24       |
| 119810-02930 | 1        | 18       |
| 119810-02940 | 1        | 27       |
| 119810-11100 | 4        | 15       |
| 119810-11110 | 4        | 16       |
| 119810-11120 | 4        | 17       |
| 119810-11240 | 4        | 27       |
| 119810-13110 | 6        | 2        |
|              | 17       | 11       |
| 119810-14400 | 7        | 2        |
| 119810-14580 | 7        | 3        |
| 119810-23200 | 8        | 30       |
| 119810-23600 | 8        | 31       |
| 119810-23610 | 8        | 33       |
| 119810-23910 | 8        | 29       |
| 119810-35401 | 9        | 19       |
| 119810-39200 | 9        | 32       |
| 119810-42001 | 10       | 1        |
| 119810-51040 | 11       | 6        |
| 119810-55340 | 14       | 2        |
| 119810-55650 | 14       | 9        |
| 119810-77340 | 16       | 12       |
| 119812-01330 | 1        | 23       |
|              | 17       | 2        |
| 119812-11700 | 4        | 7        |
| 119813-12100 | 5        | 2        |
| 119813-12110 | 5        | 1        |
|              | 17       | 10       |
| 119813-21000 | 8        | 1        |
| 119813-22080 | 8        | 17       |
| 119813-22300 | 8        | 23       |
| 119813-22500 | 8        | 19       |
| 119813-22900 | 8        | 35       |
| 119813-44580 | 10       | 36       |
| 119813-59812 | 13       | 25       |
| 119813-59821 | 13       | 29       |
| 119813-59831 | 13       | 33       |
| 119820-77340 | 16       | 9        |
| 119823-12210 | 5        | 25 -1    |
| 119823-13600 | 6        | 8        |
| 119823-42000 | 10       | 1 -1     |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 119823-49030 | 10       | 63       |
| 119823-49040 | 10       | 64       |
| 119831-42290 | 10       | 17       |
| 119833-55620 | 14       | 1        |
| 119836-77201 | 16       | 1        |
| 119836-77920 | 16       | 4        |
| 119840-13100 | 6        | 1        |
| 119840-13150 | 6        | 11       |
| 119840-13650 | 6        | 12       |
| 119840-59500 | 13       | 38 A     |
| 119840-59560 | 13       | 39       |
| 119840-59570 | 13       | 40       |
| 119840-59601 | 14       | 34       |
| 119840-59621 | 14       | 37       |
| 119859-49010 | 10       | 48       |
| 119865-11210 | 4        | 26       |
| 119865-11310 | 4        | 47       |
|              | 17       | 8        |
| 119865-21600 | 8        | 16       |
| 119866-12541 | 5        | 11       |
|              |          | 32       |
| 119867-77331 | 16       | 11       |
| 119869-12210 | 5        | 25       |
| 119869-49020 | 10       | 49       |
| 119908-61501 | 12       | 31 -1    |
| 119910-12210 | 5        | 5        |
| 119910-12510 | 5        | 9        |
|              |          | 30       |
| 119910-12560 | 5        | 6        |
| 120323-61470 | 12       | 80 -1    |
| 121023-01550 | 2        | 25       |
| 121111-21501 | 8        | 12       |
| 121120-13590 | 6        | 17       |
| 121250-44590 | 10       | 33       |
| 121250-44901 | 10       | 27       |
| 121250-55620 | 14       | 10       |
| 121250-59550 | 13       | 38       |
| 121254-55510 | 14       | 6        |
| 121256-44600 | 10       | 46       |
| 121257-55720 | 14       | 26       |
| 121257-55731 | 14       | 10 A     |
|              |          | 27       |
| 121450-01560 | 2        | 6        |
| 121450-44531 | 10       | 40       |
| 121470-44581 | 10       | 42       |
| 121520-34810 | 9        | 17       |
| 121520-44740 | 10       | 19       |
| 121550-49111 | 10       | 55       |
| 121750-49110 | 10       | 56       |
| 121850-21680 | 8        | 11       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 121850-51960 | 2        | 12       |
|              | 17       | 4        |
| 121855-12060 | 5        | 23       |
| 122117-51560 | 11       | 50       |
| 122710-51090 | 11       | 10       |
| 124060-11800 | 4        | 11       |
| 124064-55510 | 14       | 23       |
| 124066-59100 | 13       | 37       |
|              |          | 37 -1    |
|              |          | 38 B     |
| 124160-01751 | 2        | 7        |
|              | 4        | 58       |
| 124160-01910 | 1        | 5        |
|              |          | 11       |
| 124160-11340 | 4        | 20       |
|              | 17       | 5        |
| 124160-11360 | 4        | 51       |
| 124160-39140 | 9        | 31       |
| 124160-39450 | 9        | 36       |
| 124240-01871 | 2        | 8        |
| 124240-01883 | 2        | 9        |
|              | 17       | 3        |
| 124450-44550 | 10       | 44       |
| 124450-44560 | 10       | 41       |
| 124465-44950 | 10       | 28       |
|              | 17       | 21       |
| 124550-51350 | 11       | 32       |
| 124550-51370 | 11       | 33       |
| 124550-59820 | 9        | 38       |
| 124550-59830 | 9        | 37       |
| 124550-66370 | 12       | 58       |
| 124550-77030 | 15       | 31       |
| 124701-11911 | 6        | 10       |
|              |          | 23       |
|              |          | 24       |
|              | 17       | 20       |
|              |          | 20 -1    |
| 124736-07900 | 4        | 5        |
| 124766-59050 | 13       | 56       |
|              | 14       | 16       |
|              |          | 35       |
| 124950-11340 | 4        | 21       |
|              | 17       | 12       |
| 124950-51190 | 11       | 17       |
| 129001-01250 | 1        | 12 -1    |
| 129001-32001 | 9        | 1        |
| 129001-35300 | 9        | 27       |
| 129001-91840 | 2        | 21       |
| 129001-91841 | 2        | 21 -1    |
| 129003-22950 | 8        | 37       |

## Parts No. Index

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 129030-12201 | 5        | 24       |
| 129030-44510 | 10       | 31       |
| 129030-44520 | 10       | 31 -1    |
| 129030-44760 | 10       | 20       |
| 129052-55630 | 14       | 42       |
| 129052-61050 | 12       | 5        |
| 129052-61060 | 12       | 6        |
| 129052-61070 | 12       | 7        |
| 129052-61390 | 12       | 30       |
| 129052-61500 | 12       | 31       |
| 129052-61540 | 12       | 46       |
| 129053-55620 | 14       | 1 A      |
| 129100-01580 | 3        | 1        |
|              |          | 14       |
|              | 8        | 2        |
| 129100-25061 | 7        | 9        |
| 129100-52200 | 11       | 93       |
| 129100-59951 | 13       | 42       |
| 129100-61400 | 12       | 16       |
| 129100-61440 | 12       | 75       |
| 129100-61650 | 12       | 76       |
| 129100-61930 | 12       | 79       |
| 129100-77500 | 5        | 17       |
| 129100-77510 | 5        | 18       |
|              | 17       | 19       |
| 129107-55510 | 14       | 6 A      |
| 129108-51100 | 11       | 11       |
| 129114-44740 | 10       | 60       |
| 129132-44520 | 10       | 35       |
| 129132-44590 | 10       | 45       |
| 129132-44901 | 10       | 47       |
| 129136-66810 | 16       | 16       |
| 129136-77100 | 16       | 13       |
| 129136-77251 | 16       | 8        |
| 129150-02450 | 7        | 4        |
| 129150-03020 | 4        | 42       |
| 129150-03070 | 4        | 43       |
| 129150-03080 | 4        | 44       |
| 129150-03100 | 2        | 11       |
| 129150-11230 | 4        | 34       |
| 129150-11280 | 4        | 32       |
| 129150-11750 | 4        | 36       |
| 129150-14101 | 7        | 7        |
| 129150-14200 | 7        | 1        |
| 129150-21200 | 8        | 5        |
| 129150-25101 | 7        | 10       |
| 129150-25301 | 7        | 19       |
| 129150-25900 | 7        | 15       |
| 129150-25920 | 7        | 13       |
| 129150-25931 | 7        | 20       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 129150-32020 | 9        | 14       |
|              | 17       | 13       |
| 129150-35041 | 9        | 18       |
|              | 17       | 14       |
| 129150-35101 | 9        | 24       |
| 129150-35111 | 9        | 25       |
|              | 17       | 15       |
| 129150-35151 | 9        | 26       |
| 129150-35350 | 9        | 28       |
| 129150-42020 | 10       | 14       |
|              | 17       | 16       |
| 129150-42320 | 10       | 11       |
| 129150-49080 | 10       | 51       |
| 129150-49100 | 10       | 50       |
| 129150-49360 | 10       | 30       |
|              | 17       | 22       |
| 129150-49811 | 10       | 25       |
|              | 17       | 18       |
| 129150-59120 | 13       | 51       |
| 129150-59131 | 13       | 23       |
|              |          | 54       |
| 129150-59580 | 13       | 41       |
| 129150-77511 | 5        | 19       |
|              | 17       | 9        |
| 129155-11260 | 4        | 30       |
| 129155-11270 | 4        | 31       |
| 129155-49800 | 10       | 24       |
| 129155-51020 | 11       | 5        |
| 129155-51050 | 11       | 8        |
| 129155-51060 | 11       | 9        |
| 129155-51140 | 11       | 14       |
| 129155-51180 | 11       | 16       |
| 129155-51200 | 11       | 18       |
| 129155-51270 | 11       | 25       |
| 129155-51280 | 11       | 26       |
|              | 12       | 2        |
| 129155-51320 | 11       | 30       |
| 129155-51340 | 11       | 31       |
| 129155-51370 | 11       | 34       |
| 129155-51380 | 11       | 35       |
| 129155-51390 | 11       | 36       |
| 129155-51400 | 11       | 37       |
| 129155-51410 | 11       | 38       |
| 129155-51420 | 11       | 39       |
| 129155-51450 | 11       | 40       |
| 129155-51500 | 11       | 45       |
| 129155-51521 | 11       | 46       |
| 129155-51530 | 11       | 47       |
| 129155-51540 | 11       | 48       |
| 129155-51550 | 11       | 49       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 129155-51570 | 11       | 52       |
| 129155-51580 | 11       | 53       |
| 129155-51591 | 11       | 54       |
| 129155-51600 | 11       | 55       |
| 129155-51700 | 11       | 74       |
| 129155-51701 | 11       | 74 -1    |
| 129155-51710 | 11       | 75       |
| 129155-51711 | 11       | 75 -1    |
| 129155-51750 | 11       | 76       |
| 129155-51751 | 11       | 76 -1    |
| 129155-51760 | 11       | 77       |
| 129155-51790 | 11       | 78       |
| 129155-51930 | 11       | 80       |
| 129155-51940 | 11       | 81       |
| 129155-52050 | 11       | 94       |
| 129155-61120 | 12       | 8        |
| 129155-61130 | 12       | 9        |
| 129155-61140 | 12       | 10       |
| 129155-61201 | 12       | 11       |
| 129155-61202 | 12       | 11 -1    |
| 129155-61341 | 12       | 15       |
| 129155-61350 | 12       | 105      |
| 129155-61360 | 12       | 106      |
| 129155-61430 | 12       | 19       |
| 129155-61450 | 12       | 23       |
| 129155-61460 | 12       | 24       |
| 129155-61470 | 12       | 80       |
| 129155-61480 | 12       | 25       |
| 129155-61830 | 12       | 107      |
| 129155-61950 | 12       | 57       |
| 129156-51910 | 11       | 79       |
| 129208-51060 | 11       | 9 A      |
| 129208-54500 | 11       | 90 A     |
| 129210-59040 | 14       | 15       |
| 129210-59130 | 13       | 55       |
| 129211-77920 | 16       | 15 -1    |
| 129259-12570 | 5        | 8        |
|              |          | 29       |
| 129322-77401 | 14       | 38       |
| 129335-55700 | 14       | 19       |
| 129350-49560 | 10       | 22       |
| 129400-01520 | 2        | 5        |
| 129400-77012 | 15       | 1        |
| 129400-77441 | 15       | 5        |
| 129400-77520 | 15       | 12       |
| 129400-77531 | 15       | 13       |
| 129400-77571 | 15       | 17       |
| 129400-92420 | 17       | 31       |
| 129403-42380 | 10       | 18       |
| 129411-55690 | 14       | 11       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 129457-44760 | 10       | 61       |
| 129486-01670 | 3        | 18       |
| 129486-42050 | 10       | 14 -1    |
|              | 17       | 16 -1    |
| 129486-61201 | 12       | 11 -2    |
| 129486-61540 | 12       | 46 -1    |
| 129486-77400 | 15       | 2        |
| 129486-77460 | 15       | 6        |
|              |          | 8        |
| 129486-77470 | 15       | 7        |
| 129486-77490 | 15       | 9        |
| 129500-53050 | 13       | 2        |
| 129505-51300 | 11       | 27       |
| 129555-59510 | 14       | 17       |
| 129556-42350 | 10       | 58       |
| 129574-49800 | 10       | 24 -1    |
| 129612-01600 | 3        | 2        |
| 129612-12560 | 5        | 35       |
| 129612-12680 | 5        | 27       |
| 129612-12690 | 5        | 7        |
|              |          | 28       |
| 129612-77260 | 16       | 10       |
| 129612-77700 | 16       | 2        |
| 129612-77710 | 16       | 3        |
| 129612-77730 | 16       | 5        |
| 129612-77740 | 16       | 6        |
| 129612-77750 | 16       | 7        |
| 129792-22400 | 8        | 24       |
| 129795-01800 | 2        | 4        |
| 129795-01950 | 2        | 10       |
| 129795-02411 | 1        | 21       |
| 129795-21661 | 8        | 10       |
| 129795-49551 | 10       | 23       |
|              | 17       | 17       |
| 129900-07900 | 4        | 5 -1     |
| 129900-77460 | 15       | 10       |
| 129900-77640 | 15       | 18       |
| 158552-61900 | 12       | 66 -1    |
| 171008-77410 | 15       | 3        |
| 171008-77420 | 15       | 4        |
| 171008-77510 | 15       | 11       |
| 171008-77540 | 15       | 14       |
| 171008-77650 | 15       | 19       |
| 171008-77660 | 15       | 20       |
| 171008-77670 | 15       | 21       |
| 171031-11741 | 2        | 28       |
|              |          | 32       |
| 171051-01921 | 1        | 6        |
| 171064-44510 | 10       | 38       |
| 171081-55910 | 14       | 31       |

## Parts No. Index

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 171301-21650 | 8        | 9        |
| 171325-21590 | 8        | 13       |
| 171340-77520 | 5        | 20       |
| 171353-61550 | 12       | 81       |
| 171353-61710 | 12       | 77       |
| 174307-51170 | 11       | 15       |
| 174307-51560 | 11       | 51       |
| 174307-51700 | 12       | 32       |
| 198072-04320 | 14       | 41       |
| 22117-040000 | 12       | 59       |
| 22137-100000 | 6        | 19       |
| 22190-060003 | 12       | 60       |
| 22190-080002 | 2        | 23       |
|              |          | 24       |
|              | 9        | 39       |
|              |          | 40       |
| 22190-100002 | 9        | 41 -1    |
|              | 12       | 61       |
| 22190-120002 | 12       | 62       |
|              | 13       | 50 -1    |
|              | 14       | 18       |
|              | 17       | 23       |
|              |          | 24 -1    |
| 22190-160002 | 11       | 90       |
| 22190-220002 | 3        | 11       |
| 22217-050000 | 11       | 95       |
| 22217-060000 | 11       | 82       |
| 22217-100000 | 6        | 20       |
| 22217-120000 | 7        | 16       |
|              | 11       | 90 C     |
| 22287-120000 | 12       | 63       |
| 22351-040010 | 8        | 8        |
| 22351-050010 | 11       | 83       |
| 22351-060012 | 4        | 53       |
| 22372-040000 | 12       | 64       |
| 22512-070140 | 7        | 8        |
|              | 8        | 6        |
| 23000-048000 | 5        | 26       |
| 23000-060000 | 5        | 14       |
|              |          | 26 -1    |
|              |          | 36       |
| 23010-038000 | 10       | 57       |
| 23065-070225 | 10       | 43       |
| 23065-160800 | 4        | 1        |
| 23414-100000 | 9        | 41       |
| 23414-120000 | 13       | 50       |
|              | 17       | 24       |
| 23418-060000 | 14       | 32       |
| 23871-010000 | 1        | 10       |
| 23871-030000 | 10       | 12       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 23876-010000 | 1        | 10 -1    |
| 23876-030000 | 10       | 12 -1    |
| 23887-100002 | 12       | 65       |
| 24101-063034 | 11       | 84       |
| 24311-000120 | 4        | 52       |
|              | 17       | 25       |
| 24311-000160 | 2        | 13       |
|              | 9        | 29       |
|              | 17       | 26       |
| 24311-000300 | 2        | 34       |
| 24311-000320 | 2        | 14       |
|              |          | 29       |
|              |          | 35       |
|              | 4        | 59       |
| 24311-240100 | 14       | 4        |
|              |          | 33       |
| 24341-000160 | 11       | 85       |
| 24341-000240 | 2        | 26       |
| 24341-000280 | 12       | 66       |
| 24341-000500 | 4        | 49       |
| 25132-003700 | 10       | 59       |
| 26013-080222 | 5        | 15       |
|              |          | 16       |
| 26014-080162 | 10       | 37       |
| 26014-080752 | 14       | 40       |
| 26014-080852 | 14       | 12       |
| 26022-050102 | 11       | 86       |
| 26022-050122 | 11       | 86 -1    |
| 26022-060162 | 11       | 87       |
| 26106-060102 | 12       | 67       |
|              |          | 68       |
|              |          | 69       |
| 26106-060142 | 12       | 70       |
| 26106-060162 | 2        | 27       |
| 26106-060202 | 12       | 71       |
| 26106-060322 | 15       | 28       |
| 26106-060402 | 15       | 29       |
| 26106-060452 | 10       | 62       |
| 26106-060552 | 10       | 21       |
| 26106-080122 | 2        | 15       |
| 26106-080142 | 4        | 6        |
|              | 7        | 18       |
| 26106-080162 | 2        | 16       |
|              |          | 17       |
|              | 3        | 12       |
|              | 4        | 6 -1     |
|              |          | 50       |
| 26106-080202 | 2        | 18       |
|              | 9        | 30       |
|              | 10       | 26       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 26106-080252 | 4        | 38       |
|              | 5        | 4        |
| 26106-080352 | 3        | 19       |
|              | 9        | 23       |
|              | 10       | 15       |
| 26106-080402 | 5        | 21       |
| 26106-080452 | 2        | 19       |
|              | 3        | 13       |
|              | 7        | 14       |
| 26106-080502 | 4        | 39       |
| 26106-080552 | 2        | 20       |
|              | 10       | 16       |
| 26106-080602 | 6        | 4        |
| 26106-080802 | 5        | 22       |
|              | 6        | 5        |
| 26106-100162 | 6        | 14       |
| 26106-100652 | 6        | 21       |
| 26116-050302 | 11       | 88       |
| 26116-120252 | 15       | 30       |
| 26206-100252 | 3        | 4        |
| 26206-100302 | 3        | 5        |
| 26216-060302 | 4        | 13       |
| 26216-080602 | 6        | 7        |
| 26216-080802 | 6        | 9        |
| 26226-080182 | 4        | 37       |
| 26366-060002 | 4        | 54       |
| 26366-080002 | 2        | 22       |
|              | 6        | 3        |
|              |          | 13       |
|              |          | 25       |
|              | 12       | 74       |
| 26450-060252 | 9        | 15       |
| 26706-100002 | 6        | 22       |
| 26716-060002 | 11       | 89       |
| 26716-120002 | 7        | 17       |
|              | 11       | 90 D     |
| 26756-060002 | 12       | 72       |
| 26776-120002 | 12       | 73       |
| 27231-500000 | 1        | 12       |
| 27241-120000 | 1        | 13       |
| 27241-300000 | 1        | 14       |
| 27241-400000 | 4        | 14       |
| 27310-070001 | 4        | 19       |
| 28110-100120 | 17       | 29       |
| 28110-140170 | 17       | 30       |
| 719810-01500 | 2        | 1        |
| 719810-01650 | 3        | 15       |
| 719810-11520 | 4        | 40       |
| 719810-11521 | 4        | 40 -1    |
| 719810-11660 | 4        | 33       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 719810-23100 | 8        | 25       |
| 719812-92650 | 17       | 1        |
| 719812-92651 | 17       | 1 -1     |
| 719813-01560 | 1        | 1        |
| 719823-51410 | 11       | 1        |
| 719824-51470 | 11       | 1 A      |
| 729500-53200 | 13       | 1        |
| 977770-01212 | 2        | 30       |
|              | 3        | 20       |
|              | 17       | 32       |
| X2114555500  | 15       | 25       |
| X2114955020  | 15       | 26       |
| X2240410100  | 15       | 27       |