

0CD50-M00530EN

# P R E F A C E

This parts catalog is the 1st edition of 3TNM74F-NGGE.

Published : July, 2014

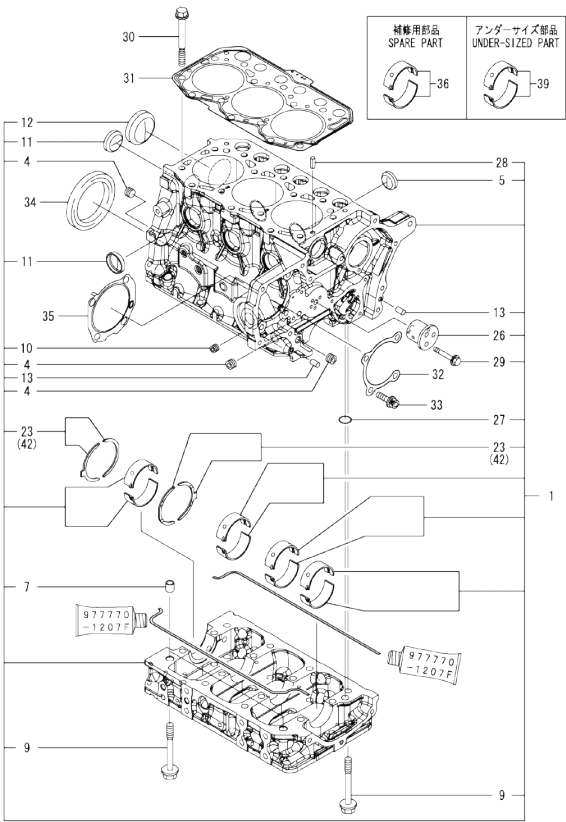
Contents

0CD50-M00530

| Fig. No.     | Fig. Name                   | Fig. No. | Fig. Name |
|--------------|-----------------------------|----------|-----------|
| 3TNM74F-NGGE |                             |          |           |
| 1.           | CYLINDER BLOCK              |          |           |
| 2.           | GEAR HOUSING                |          |           |
| 3.           | FLYWHEEL HOUSING & OIL SUMP |          |           |
| 4.           | CYLINDER HEAD & BONNET      |          |           |
| 5.           | EXHAUST MANIFOLD            |          |           |
| 6.           | CAMSHAFT & DRIVING GEAR     |          |           |
| 7.           | CRANKSHAFT & PISTON         |          |           |
| 8.           | LUB. OIL SYSTEM             |          |           |
| 9.           | COOLING WATER SYSTEM        |          |           |
| 10.          | FUEL INJECTION PUMP         |          |           |
| 11.          | GOVERNOR                    |          |           |
| 12.          | FUEL INJECTION VALVE        |          |           |
| 13.          | FUEL PIPE                   |          |           |
| 14.          | STARTER MOTOR               |          |           |
| 15.          | GENERATOR                   |          |           |

OCD50-M00530 3TNM74F-NGGE

Fig.1. CYLINDER BLOCK



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

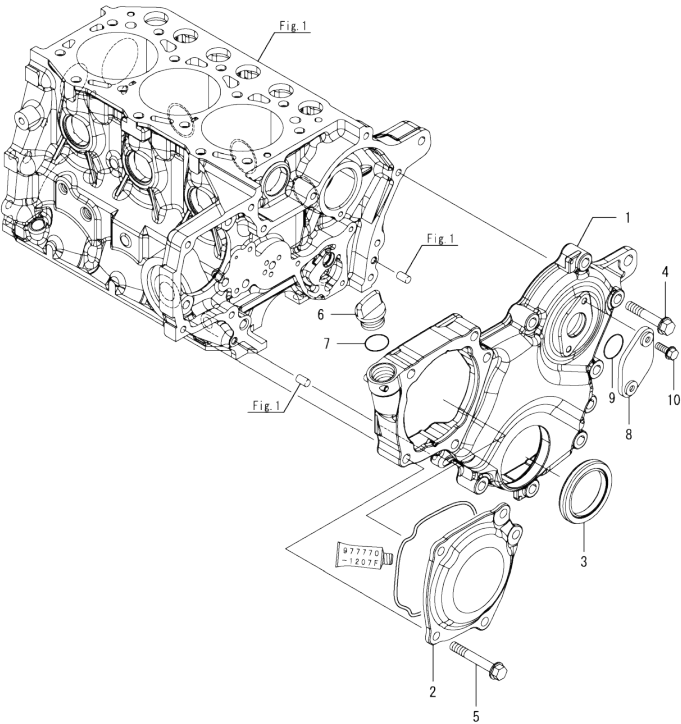
OCD50-M00530 Fig.1

(A)=3TNM74F-NGGE  
(B)=  
(C)=

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

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 119D00-01560 | BLOCK ASSY, CYLINDER | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 124060-01050 | PLUG, PT1/8          | 3    |     |     |     |     |     |   |   |
| 5   | 2    | 119125-01970 | PLUG, 25             | 3    |     |     |     |     |     |   |   |
| 7   | 2    | 119125-01960 | PIPE, KNOCK          | 2    |     |     |     |     |     |   |   |
| 9   | 2    | 119125-02061 | BOLT, METAL CAP      | 16   |     |     |     |     |     |   |   |
| 10  | 2    | 23876-005000 | PLUG, R005           | 1    |     |     |     |     |     |   |   |
| 11  | 2    | 27241-300000 | PLUG 30              | 4    |     |     |     |     |     |   |   |
| 12  | 2    | 27241-450000 | PLUG, 45             | 1    |     |     |     |     |     |   |   |
| 13  | 2    | 119620-01620 | PIN, M6X10           | 2    |     |     |     |     |     |   |   |
| 23  | 2    | 119125-02930 | BEARING, THRUST      | 2    |     |     |     |     |     |   |   |
| 26  | 2    | 119125-25050 | SHAFT, IDLE GEAR     | 1    |     |     |     |     |     |   |   |
| 27  | 2    | 129900-32040 | O-RING, P14          | 1    |     |     |     |     |     |   |   |
| 28  | 2    | 22351-060012 | PIN, SPRING 6.0X12   | 2    |     |     |     |     |     |   |   |
| 29  | 2    | 26106-060402 | BOLT, M6X 40 PLATED  | 3    |     |     |     |     |     |   |   |
| 30  | 1    | 119810-01200 | BOLT, HEAD           | 14   |     |     |     |     |     |   |   |
| 31  | 1    | 119C10-01330 | GASKET, HEAD         | 1    |     |     |     |     |     |   |   |
| 32  | 1    | 119125-01790 | GASKET               | 1    |     |     |     |     |     |   |   |
| 33  | 1    | 119125-01800 | FLANGE BOLT, M8X1.25 | 4    |     |     |     |     |     |   |   |
| 34  | 1    | 119734-02220 | SEAL, OIL            | 1    |     |     |     |     |     |   |   |
| 35  | 1    | 119125-51800 | GASKET               | 1    |     |     |     |     |     |   |   |
| 36  | 1    | 119125-02900 | BEARING, MAIN        | 4    |     |     |     |     |     |   | 1 |
| 39  | 1    | 119125-02910 | BEARING, 0.25 US     | 4    |     |     |     |     |     |   | 2 |
| 42  | 1    | 119125-02940 | BEARING, THRUST 0.25 | 2    |     |     |     |     |     |   | 3 |

Fig.2. GEAR HOUSING

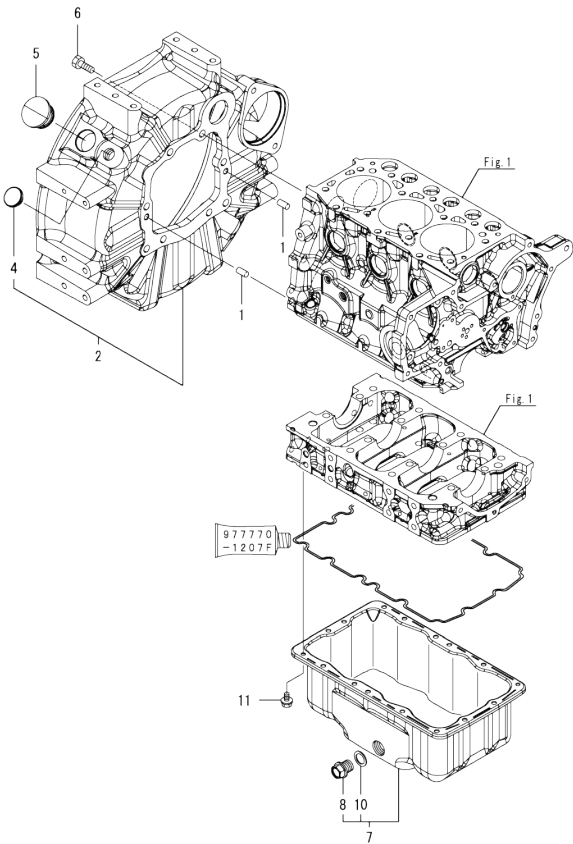


(A)=3TNM74F-NGGE  
(B)=  
(C)=

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

| No. | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 119025-01530 | CASE, GEAR          | 1    |     |     |     |     |     |   |   |
| 2   | 1    | 119125-01750 | COVER               | 1    |     |     |     |     |     |   |   |
| 3   | 1    | 119717-01800 | SEAL, OIL           | 1    |     |     |     |     |     |   |   |
| 4   | 1    | 26106-080352 | BOLT, M8X 35 PLATED | 8    |     |     |     |     |     |   |   |
| 5   | 1    | 26106-080452 | BOLT, M8X 45 PLATED | 5    |     |     |     |     |     |   |   |
| 6   | 1    | 106760-01770 | CAP                 | 1    |     |     |     |     |     |   |   |
| 7   | 1    | 24311-000180 | O-RING, 1AP18.0     | 1    |     |     |     |     |     |   |   |
| 8   | 1    | 121023-01551 | COVER               | 1    |     |     |     |     |     |   |   |
| 9   | 1    | 24341-000240 | O-RING, 1AS24.0     | 1    |     |     |     |     |     |   |   |
| 10  | 1    | 26106-060162 | BOLT, M6X 16 PLATED | 2    |     |     |     |     |     |   |   |

Fig.3. FLYWHEEL HOUSING & OIL SUMP



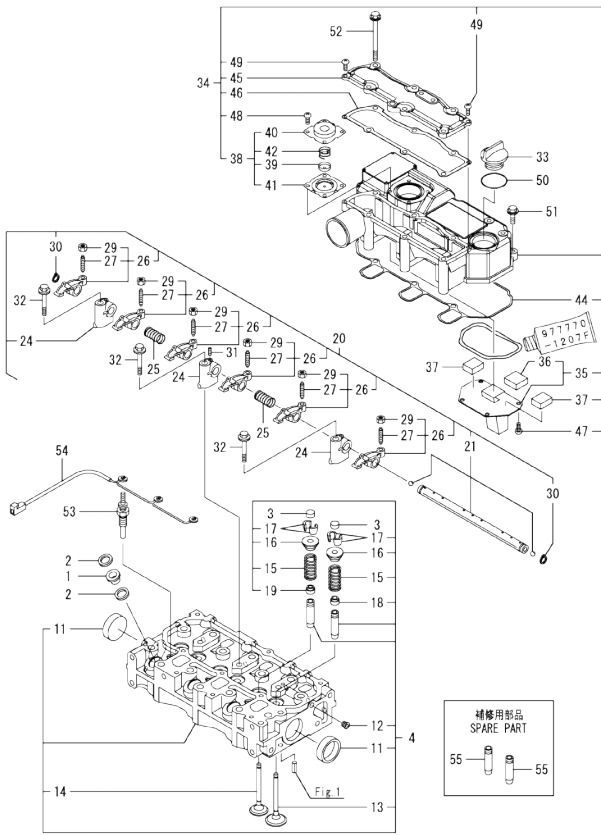
(A)=3TNM74F-NGGE  
(B)=  
(C)=

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

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 129100-01580 | PIN, 8X16            | 2    |     |     |     |     |     |   |   |
| 2   | 1    | 119D00-01610 | HOUSING ASSY, WHEEL  | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 119888-01850 | PLUG, RUBBER         | 1    |     |     |     |     |     |   |   |
| 5   | 1    | 119620-01750 | CAP                  | 1    |     |     |     |     |     |   |   |
| 6   | 1    | 26206-100252 | BOLT, M10X 25 PLATED | 8    |     |     |     |     |     |   |   |
| 7   | 1    | 119025-01770 | SUMP ASSY, OIL       | 1    |     |     |     |     |     |   |   |
| 8   | 2    | 105425-01690 | PLUG, 16             | 1    |     |     |     |     |     |   |   |
| 10  | 2    | 22190-160002 | WASHER, SEAL 16      | 1    |     |     |     |     |     |   |   |
| 11  | 1    | 119125-01780 | BOLT, M6X10          | 16   |     |     |     |     |     |   |   |

OCD50-M00530 3TNM74F-NGGE

Fig.4. CYLINDER HEAD & BONNET



Remarks  
(1)Spare parts.

OCD50-M00530 Fig.4

(A)=3TNM74F-NGGE  
(B)=  
(C)=

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

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 129901-11450 | PROTECTOR, NOZZLE    | 3    |     |     |     |     |     |   |   |
| 2   | 1    | 119600-11460 | GASKET, NOZZLE       | 6    |     |     |     |     |     |   |   |
| 3   | 1    | 105010-11490 | CAP, VALVE           | 6    |     |     |     |     |     |   |   |
| 4   | 1    | 119D00-11740 | HEAD ASSY, CYLINDER  | 1    |     |     |     |     |     |   |   |
| 11  | 2    | 119285-11990 | PLUG, 35             | 2    |     |     |     |     |     |   |   |
| 12  | 2    | 23876-005000 | PLUG, R005           | 1    |     |     |     |     |     |   |   |
| 13  | 2    | 119C10-11100 | VALVE, SUCTION       | 3    |     |     |     |     |     |   |   |
| 14  | 2    | 119C10-11110 | VALVE, EXHAUST       | 3    |     |     |     |     |     |   |   |
| 15  | 2    | 119717-11131 | SPRING, VALVE        | 6    |     |     |     |     |     |   |   |
| 16  | 2    | 129508-11180 | RETAINER, SPRING     | 6    |     |     |     |     |     |   |   |
| 17  | 2    | 119717-11190 | COTTER               | 12   |     |     |     |     |     |   |   |
| 18  | 2    | 119717-11340 | SEAL, VALVE STEM     | 3    |     |     |     |     |     |   |   |
| 19  | 2    | 119717-11350 | SEAL, VALVE STEM     | 3    |     |     |     |     |     |   |   |
| 20  | 1    | 119515-11200 | SUPPORT ASSY, ARM    | 1    |     |     |     |     |     |   |   |
| 21  | 2    | 119515-11240 | SHAFT ASSY, ROCKER   | 1    |     |     |     |     |     |   |   |
| 24  | 2    | 119717-11260 | SUPPORT, ROCKER ARM  | 3    |     |     |     |     |     |   |   |
| 25  | 2    | 119515-11280 | SPRING               | 2    |     |     |     |     |     |   |   |
| 26  | 2    | 119717-11650 | ARM, ROCKER          | 6    |     |     |     |     |     |   |   |
| 27  | 3    | 129150-11230 | SCREW, VALVE ADJUST  | 6    |     |     |     |     |     |   |   |
| 29  | 3    | 129150-11750 | NUT, M8              | 6    |     |     |     |     |     |   |   |
| 30  | 2    | 22242-000120 | RING, 12             | 2    |     |     |     |     |     |   |   |
| 31  | 2    | 26979-050162 | SCREW, M5X16         | 1    |     |     |     |     |     |   |   |
| 32  | 1    | 26106-080402 | BOLT, M8X 40 PLATED  | 3    |     |     |     |     |     |   |   |
| 33  | 1    | 124160-01751 | COVER, FILLER        | 1    |     |     |     |     |     |   |   |
| 34  | 1    | 119515-11380 | BONNET ASSY, HEAD    | 1    |     |     |     |     |     |   |   |
| 35  | 2    | 119717-03031 | PLATE                | 1    |     |     |     |     |     |   |   |
| 36  | 3    | 119717-03070 | BAFFLE, BREATHER     | 1    |     |     |     |     |     |   |   |
| 37  | 2    | 119717-03070 | BAFFLE, BREATHER     | 2    |     |     |     |     |     |   |   |
| 38  | 2    | 119802-03100 | DIAPHRAGM ASSY       | 1    |     |     |     |     |     |   |   |
| 39  | 3    | 119802-03110 | PLATE                | 1    |     |     |     |     |     |   |   |
| 40  | 3    | 119802-03121 | COVER, DIAPHRAGM     | 1    |     |     |     |     |     |   |   |
| 41  | 3    | 119802-03131 | DIAPHRAGM            | 1    |     |     |     |     |     |   |   |
| 42  | 3    | 119802-03141 | SPRING, DIAPHRAGM    | 1    |     |     |     |     |     |   |   |
| 44  | 2    | 119515-11310 | GASKET, BONNET       | 1    |     |     |     |     |     |   |   |
| 45  | 2    | 119515-11320 | COVER, BONNET        | 1    |     |     |     |     |     |   |   |
| 46  | 2    | 119515-11330 | GASKET               | 1    |     |     |     |     |     |   |   |
| 47  | 2    | 22857-500100 | SCREW, 5X10          | 4    |     |     |     |     |     |   |   |
| 48  | 2    | 22857-500100 | SCREW, 5X10          | 4    |     |     |     |     |     |   |   |
| 49  | 2    | 22857-500160 | SCREW, 5X16          | 2    |     |     |     |     |     |   |   |
| 50  | 1    | 24311-000320 | O-RING, 1AP32.0      | 1    |     |     |     |     |     |   |   |
| 51  | 1    | 26106-060202 | BOLT, M6X 20 PLATED  | 3    |     |     |     |     |     |   |   |
| 52  | 1    | 26106-060752 | BOLT, M6X 75 PLATED  | 6    |     |     |     |     |     |   |   |
| 53  | 1    | 119717-77801 | PLUG, GLOW           | 3    |     |     |     |     |     |   |   |
| 54  | 1    | 119717-77820 | CONNECTOR, GLOW PLUG | 1    |     |     |     |     |     |   |   |
| 55  | 1    | 119515-11800 | GUIDE, VALVE         | 6    |     |     |     |     |     |   | 1 |

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



7

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

(A)=3TNM74F-NGGE  
(B)=  
(C)=

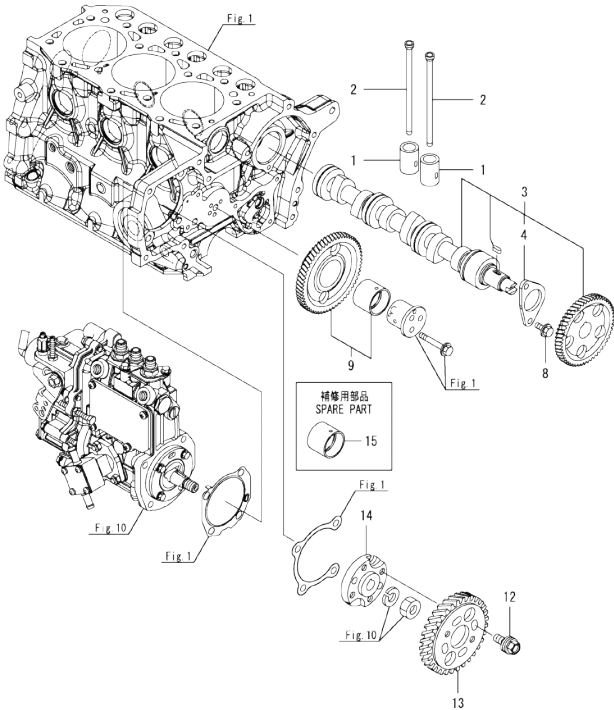
Q'ty

| No. | Lev. | Parts No.    | Description       | (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|-----|------|--------------|-------------------|-----|-----|-----|-----|-----|-----|---|---|
| 1   | 1    | 119717-13109 | MANIFOLD, EXHAUST | 1   |     |     |     |     |     |   |   |
| 2   | 1    | 119717-13110 | GASKET            | 1   |     |     |     |     |     |   |   |
| 3   | 1    | 119717-13600 | STUD, M8X50       | 2   |     |     |     |     |     |   |   |
| 4   | 1    | 119802-13620 | BOLT, M8X50       | 4   |     |     |     |     |     |   |   |
| 5   | 1    | 119131-18320 | STUD, M8X22       | 4   |     |     |     |     |     |   |   |
| 6   | 1    | 26306-080002 | NUT, M8           | 2   |     |     |     |     |     |   |   |
| 7   | 1    | 119515-13200 | GASKET, SILENCER  | 1   |     |     |     |     |     |   |   |

N:Old  $\xleftrightarrow[\text{No}]{\text{Yes}}$  New, Q:Old  $\xleftrightarrow[\text{Yes}]{\text{No}}$  New, R:Old  $\xleftrightarrow[\text{Yes}]{\text{No}}$  New, S:Old  $\xleftrightarrow[\text{No}]{\text{Yes}}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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0CD50-M00530 3TNM74F-NGGE

Fig.6. CAMSHAFT & DRIVING GEAR



Remarks  
(1)Spare parts.

0CD50-M00530 Fig.6

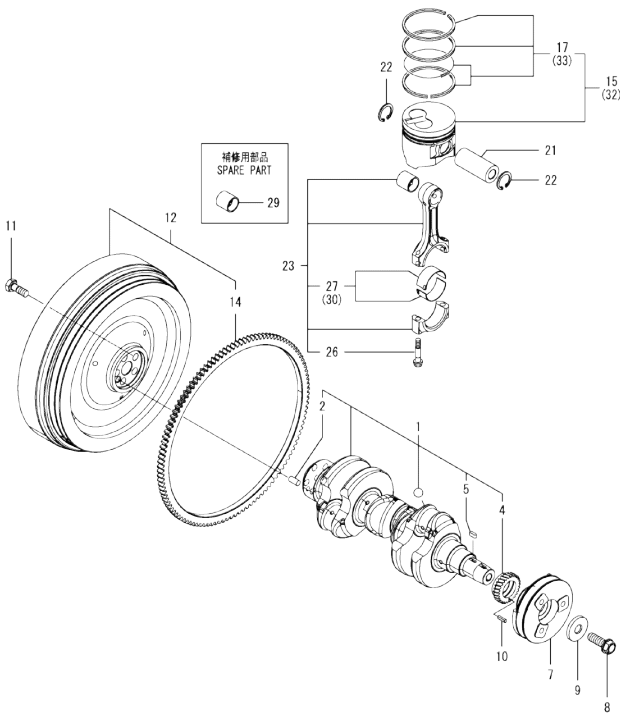
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(B)=  
(C)=

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

| No. | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 119620-14200 | TAPPET              | 6    |     |     |     |     |     |   |   |
| 2   | 1    | 119515-14400 | ROD, PUSH           | 6    |     |     |     |     |     |   |   |
| 3   | 1    | 119025-14580 | CAMSHAFT ASSY       | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 119620-02450 | BEARING, THRUST     | 1    |     |     |     |     |     |   |   |
| 8   | 1    | 26106-060122 | BOLT, M6X 12 PLATED | 2    |     |     |     |     |     |   |   |
| 9   | 1    | 119025-25100 | GEAR ASSY, IDLE     | 1    |     |     |     |     |     |   |   |
| 12  | 1    | 129150-25301 | BOLT                | 4    |     |     |     |     |     |   |   |
| 13  | 1    | 119125-25930 | GEAR, PUMP          | 1    |     |     |     |     |     |   |   |
| 14  | 1    | 119717-51150 | FLANGE              | 1    |     |     |     |     |     |   |   |
| 15  | 1    | 119125-25910 | BUSH, IDLE GEAR     | 1    |     |     |     |     |     |   | 1 |

N:Old  $\frac{Y05}{10}$  New, Q:Old  $\frac{H0}{10}$  New, R:Old  $\frac{Y05}{10}$  New, S:Old  $\frac{H0}{10}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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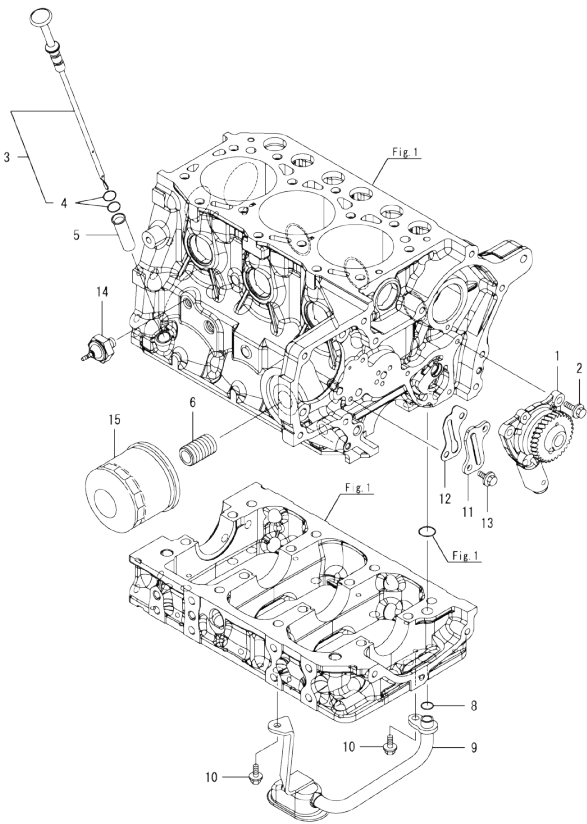
OCD50-M00530 3TNM74F-NGGE  
Fig.7. CRANKSHAFT & PISTON



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

|     |      |              |                      | OCD50-M00530 Fig.7 |     |      |     |     |     |   |   |
|-----|------|--------------|----------------------|--------------------|-----|------|-----|-----|-----|---|---|
|     |      |              |                      | (A)=3TNM74F-NGGE   |     | (D)= |     |     |     |   |   |
|     |      |              |                      | (B)=               |     | (E)= |     |     |     |   |   |
|     |      |              |                      | (C)=               |     | (F)= |     |     |     |   |   |
| No. | Lev. | Parts No.    | Description          | Q'ty               |     |      |     |     |     | I | R |
|     |      |              |                      | (A)                | (B) | (C)  | (D) | (E) | (F) |   |   |
| 1   | 1    | 119D00-21700 | CRANKSHAFT ASSY      | 1                  |     |      |     |     |     |   |   |
| 2   | 2    | 129100-01580 | PIN, 8X16            | 1                  |     |      |     |     |     |   |   |
| 4   | 2    | 119125-21200 | GEAR, CRANKSHAFT     | 1                  |     |      |     |     |     |   |   |
| 5   | 2    | 22512-040120 | KEY, 4X 12           | 1                  |     |      |     |     |     |   |   |
| 7   | 1    | 119125-21650 | V-PULLEY             | 1                  |     |      |     |     |     |   |   |
| 8   | 1    | 119621-21681 | BOLT, FLANGE 12X1.25 | 1                  |     |      |     |     |     |   |   |
| 9   | 1    | 119620-21941 | WASHER               | 1                  |     |      |     |     |     |   |   |
| 10  | 1    | 22351-030010 | PIN, SPRING 3.0X10   | 1                  |     |      |     |     |     |   |   |
| 11  | 1    | 121111-21501 | BOLT, FLYWHEEL       | 5                  |     |      |     |     |     |   |   |
| 12  | 1    | 119D00-21580 | FLYWHEEL ASSY        | 1                  |     |      |     |     |     |   |   |
| 14  | 2    | 119865-21600 | GEAR, RING           | 1                  |     |      |     |     |     |   |   |
| 15  | 1    | 119D00-22080 | PISTON ASSY          | 3                  |     |      |     |     |     |   |   |
| 17  | 2    | 119C10-22500 | RING ASSY            | 3                  |     |      |     |     |     |   |   |
| 21  | 1    | 119717-22300 | PIN, PISTON          | 3                  |     |      |     |     |     |   |   |
| 22  | 1    | 22252-000220 | RING, 22             | 6                  |     |      |     |     |     |   |   |
| 23  | 1    | 119515-23000 | ROD ASSY, CONNECTING | 3                  |     |      |     |     |     |   |   |
| 26  | 2    | 119717-23200 | BOLT, CONNECTING ROD | 6                  |     |      |     |     |     |   |   |
| 27  | 2    | 119515-23601 | BEARING, CRANK PIN   | 3                  |     |      |     |     |     |   |   |
| 29  | 1    | 119717-23910 | BEARING, PISTON PIN  | 3                  |     |      |     |     |     |   |   |
| 30  | 1    | 119515-23611 | METAL ASSY, 0.25     | 3                  |     |      |     |     |     |   |   |
| 32  | 1    | 119D00-22900 | PISTON ASSY, 0.25 OS | 3                  |     |      |     |     |     |   |   |
| 33  | 2    | 119C10-22550 | RING ASSY ,0.25      | 3                  |     |      |     |     |     |   |   |

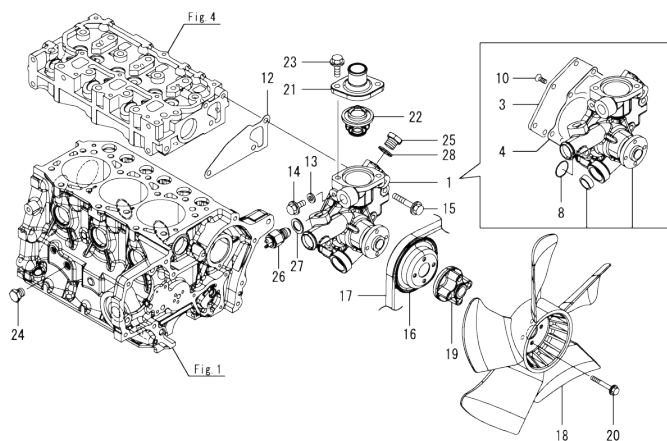
OCD50-M00530 3TNM74F-NGGE  
Fig.8. LUB. OIL SYSTEM



Remarks  
(1)Spare parts.

|     |      |              |                      |     |     |     |     |     |     | OCD50-M00530 Fig.8 |   |      |  |
|-----|------|--------------|----------------------|-----|-----|-----|-----|-----|-----|--------------------|---|------|--|
|     |      |              |                      |     |     |     |     |     |     | (A)=3TNM74F-NGGE   |   | (D)= |  |
|     |      |              |                      |     |     |     |     |     |     | (B)=               |   | (E)= |  |
|     |      |              |                      |     |     |     |     |     |     | (C)=               |   | (F)= |  |
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| No. | Lev. | Parts No.    | Description          | (A) | (B) | (C) | (D) | (E) | (F) | I                  | R |      |  |
| 1   | 1    | 119125-32000 | PUMP ASSY, OIL       | 1   |     |     |     |     |     |                    |   |      |  |
| 2   | 1    | 26106-060142 | BOLT, M6X 14 PLATED  | 3   |     |     |     |     |     |                    |   |      |  |
| 3   | 1    | 119025-34800 | DIPSTICK, OIL        | 1   |     |     |     |     |     |                    |   |      |  |
| 4   | 2    | 119125-34900 | O-RING               | 2   |     |     |     |     |     |                    |   |      |  |
| 5   | 1    | 119125-34810 | GUIDE, DIPSTICK      | 1   |     |     |     |     |     |                    |   |      |  |
| 6   | 1    | 119717-35140 | BOLT                 | 1   |     |     |     |     |     |                    |   |      |  |
| 8   | 1    | 119209-35030 | O-RING, P11          | 1   |     |     |     |     |     |                    |   |      |  |
| 9   | 1    | 119025-35080 | PIPE ASSY, OIL INLET | 1   |     |     |     |     |     |                    |   |      |  |
| 10  | 1    | 26106-060102 | BOLT, M6X 10 PLATED  | 2   |     |     |     |     |     |                    |   |      |  |
| 11  | 1    | 119125-39200 | COVER                | 1   |     |     |     |     |     |                    |   |      |  |
| 12  | 1    | 119125-39220 | GASKET               | 1   |     |     |     |     |     |                    |   |      |  |
| 13  | 1    | 26106-060122 | BOLT, M6X 12 PLATED  | 2   |     |     |     |     |     |                    |   |      |  |
| 14  | 1    | 114250-39450 | SWITCH, 0.5KG        | 1   |     |     |     |     |     |                    |   |      |  |
| 15  | 1    | 119305-35170 | FILTER ASSY, D68XL65 | 1   |     |     |     |     |     |                    | 1 |      |  |
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|     |      |              |                      |     |     |     |     |     |     |                    |   |      |  |

Fig.9. COOLING WATER SYSTEM

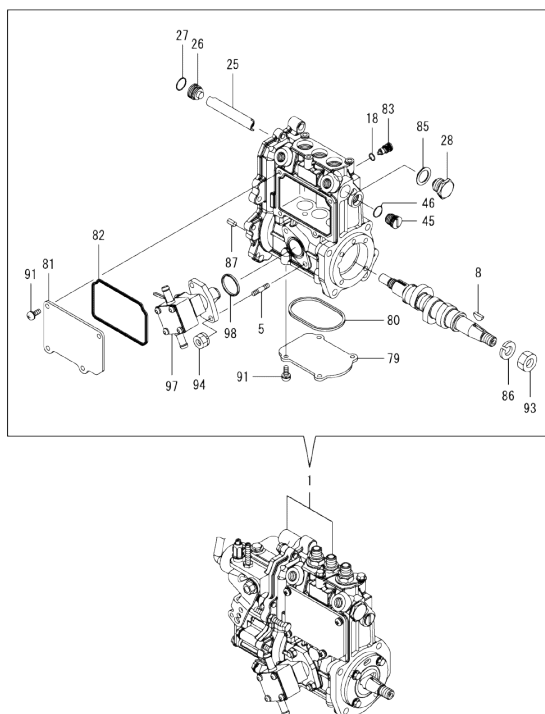


(D)=  
(E)=  
(F)=

(A)=3TNM74F-NGGE  
(B)=  
(C)=

| No. | Lev. | Parts No.    | Description         | (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|-----|------|--------------|---------------------|-----|-----|-----|-----|-----|-----|---|---|
| 1   | 1    | 119025-42000 | PUMP ASSY, WATER    | 1   |     |     |     |     |     |   |   |
| 3   | 2    | 119025-42020 | COVER               | 1   |     |     |     |     |     |   |   |
| 4   | 2    | 119025-42030 | GASKET, WATER PUMP  | 1   |     |     |     |     |     |   |   |
| 8   | 2    | 119685-42281 | O-RING              | 1   |     |     |     |     |     |   |   |
| 10  | 2    | 26577-060122 | SCREW, M6X12        | 5   |     |     |     |     |     |   |   |
| 12  | 1    | 119515-42020 | GASKET, WATER PUMP  | 1   |     |     |     |     |     |   |   |
| 13  | 1    | 23414-080000 | GASKET, 8X1.0       | 1   |     |     |     |     |     |   |   |
| 14  | 1    | 26106-080122 | BOLT, M8X 12 PLATED | 1   |     |     |     |     |     |   |   |
| 15  | 1    | 26106-080452 | BOLT, M8X 45 PLATED | 3   |     |     |     |     |     |   |   |
| 16  | 1    | 119740-42350 | V-PULLEY, D=90      | 1   |     |     |     |     |     |   |   |
| 17  | 1    | 25132-003450 | V-BELT, A34.5       | 1   |     |     |     |     |     |   |   |
| 18  | 1    | 119265-44740 | FAN, D=310X5F       | 1   |     |     |     |     |     |   |   |
| 19  | 1    | 129457-44760 | SPACER, FAN         | 1   |     |     |     |     |     |   |   |
| 20  | 1    | 26106-060452 | BOLT, M6X 45 PLATED | 4   |     |     |     |     |     |   |   |
| 21  | 1    | 129350-49530 | COVER, THERMOSTAT   | 1   |     |     |     |     |     |   |   |
| 22  | 1    | 119717-49800 | THERMOSTAT, 71      | 1   |     |     |     |     |     |   |   |
| 23  | 1    | 26106-080202 | BOLT, M8X 20 PLATED | 2   |     |     |     |     |     |   |   |
| 24  | 1    | 171056-49120 | PLUG, DRAIN         | 1   |     |     |     |     |     |   |   |
| 25  | 1    | 121450-42450 | PLUG, M16           | 1   |     |     |     |     |     |   |   |
| 26  | 1    | 121250-44901 | SWITCH, 110         | 1   |     |     |     |     |     |   |   |
| 27  | 1    | 124465-44950 | GASKET, 16          | 1   |     |     |     |     |     |   |   |
| 28  | 1    | 124465-44950 | GASKET, 16          | 1   |     |     |     |     |     |   |   |

N:Old  $\xleftrightarrow[\text{No}]{\text{Yes}}$  New, Q:Old  $\xleftrightarrow[\text{Yes}]{\text{No}}$  New, R:Old  $\xleftrightarrow[\text{Yes}]{\text{No}}$  New, S:Old  $\xleftrightarrow[\text{No}]{\text{Yes}}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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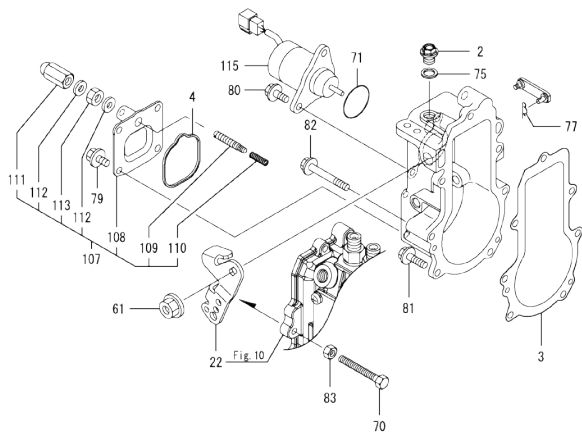
| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 719D28-51390 | FIE ASSY             | 1    |     |     |     |     |     |   |   |
| 5   | 2    | 129155-51020 | STUD                 | 2    |     |     |     |     |     |   |   |
| 8   | 2    | 122710-51090 | KEY                  | 1    |     |     |     |     |     |   |   |
| 18  | 2    | 129155-51280 | O-RING, S6           | 1    |     |     |     |     |     |   |   |
| 25  | 2    | 129155-51400 | DEFLECTOR            | 1    |     |     |     |     |     |   |   |
| 26  | 2    | 158600-51410 | PLUG, DEFLECTOR      | 1    |     |     |     |     |     |   |   |
| 27  | 2    | 119717-51420 | O-RING               | 1    |     |     |     |     |     |   |   |
| 28  | 2    | 158600-51420 | PLUG, DEFLECTOR      | 1    |     |     |     |     |     |   |   |
| 45  | 2    | 158600-51570 | PLUG                 | 1    |     |     |     |     |     |   |   |
| 46  | 2    | 129155-51580 | O-RING               | 1    |     |     |     |     |     |   |   |
| 79  | 2    | 119125-51700 | COVER                | 1    |     |     |     |     |     |   |   |
| 80  | 2    | 119717-51711 | GASKET               | 1    |     |     |     |     |     |   |   |
| 81  | 2    | 119717-51750 | COVER                | 1    |     |     |     |     |     |   |   |
| 82  | 2    | 119717-51761 | GASKET               | 1    |     |     |     |     |     |   |   |
| 83  | 2    | 158600-51790 | STOOPER, RACK        | 1    |     |     |     |     |     |   |   |
| 85  | 2    | 22190-160002 | WASHER, SEAL 16      | 1    |     |     |     |     |     |   |   |
| 86  | 2    | 22217-120000 | WASHER, SPRING 12    | 1    |     |     |     |     |     |   |   |
| 87  | 2    | 22351-050010 | PIN, SPRING 5.0X10   | 2    |     |     |     |     |     |   |   |
| 91  | 2    | 26022-050122 | SCREW, M5X12         | 8    |     |     |     |     |     |   |   |
| 93  | 2    | 26716-120002 | NUT, M12             | 1    |     |     |     |     |     |   |   |
| 94  | 2    | 119717-51860 | NUT, M6              | 2    |     |     |     |     |     |   |   |
| 97  | 2    | 119125-52000 | PUMP ASSY, FUEL FEED | 1    |     |     |     |     |     |   |   |
| 98  | 2    | 129155-52051 | GASKET               | 1    |     |     |     |     |     |   |   |

## Remarks

(1) Governor (Fig.11) is incorporated in this Fuel Injection Pump (No.1).

N:Old  $\xleftrightarrow[\text{No}]{\text{Yes}}$  New, Q:Old  $\xleftrightarrow[\text{Yes}]{\text{No}}$  New, R:Old  $\xleftrightarrow[\text{Yes}]{\text{No}}$  New, S:Old  $\xleftrightarrow[\text{No}]{\text{Yes}}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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Fig.11. GOVERNOR



Remarks  
\* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.10).

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 2   | 2    | 119717-51930 | PLUG,M10             | 1    |     |     |     |     |     |   |   |
| 3   | 2    | 119717-61050 | GASKET               | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 119717-61070 | GASKET               | 1    |     |     |     |     |     |   |   |
| 22  | 2    | 119746-61440 | LEVER, CONTROL       | 1    |     |     |     |     |     |   |   |
| 61  | 2    | 26366-080002 | NUT, M8              | 1    |     |     |     |     |     |   |   |
| 70  | 2    | 129155-61460 | BOLT, IDLE           | 1    |     |     |     |     |     |   |   |
| 71  | 2    | 158552-61900 | O-RING               | 1    |     |     |     |     |     |   |   |
| 75  | 2    | 22190-100002 | WASHER, SEAL 10      | 1    |     |     |     |     |     |   |   |
| 77  | 2    | 22372-040000 | PIN, SNAP 4          | 1    |     |     |     |     |     |   |   |
| 79  | 2    | 26106-060102 | BOLT, M6X 10 PLATED  | 4    |     |     |     |     |     |   |   |
| 80  | 2    | 26106-060142 | BOLT, M6X 14 PLATED  | 2    |     |     |     |     |     |   |   |
| 81  | 2    | 26106-060202 | BOLT, M6X 20 PLATED  | 4    |     |     |     |     |     |   |   |
| 82  | 2    | 26106-060452 | BOLT, M6X 45 PLATED  | 3    |     |     |     |     |     |   |   |
| 83  | 2    | 26756-060002 | NUT, LOCK M6         | 1    |     |     |     |     |     |   |   |
| 107 | 2    | 119746-61600 | COVER ASSY           | 1    |     |     |     |     |     |   |   |
| 108 | 3    | 119746-61060 | COVER, GOVERNOR CASE | 1    |     |     |     |     |     |   |   |
| 109 | 3    | 119645-61070 | SCREW                | 1    |     |     |     |     |     |   |   |
| 110 | 3    | 119746-61080 | SPRING               | 1    |     |     |     |     |     |   |   |
| 111 | 3    | 119600-66840 | NUT, CAP             | 1    |     |     |     |     |     |   |   |
| 112 | 3    | 22190-060003 | SEAL WASER 6         | 2    |     |     |     |     |     |   |   |
| 113 | 3    | 26756-060002 | NUT, LOCK M6         | 1    |     |     |     |     |     |   |   |
| 115 | 2    | 119653-77950 | SOLENOID, STOP       | 1    |     |     |     |     |     |   |   |

Fig.12. FUEL INJECTION VALVE

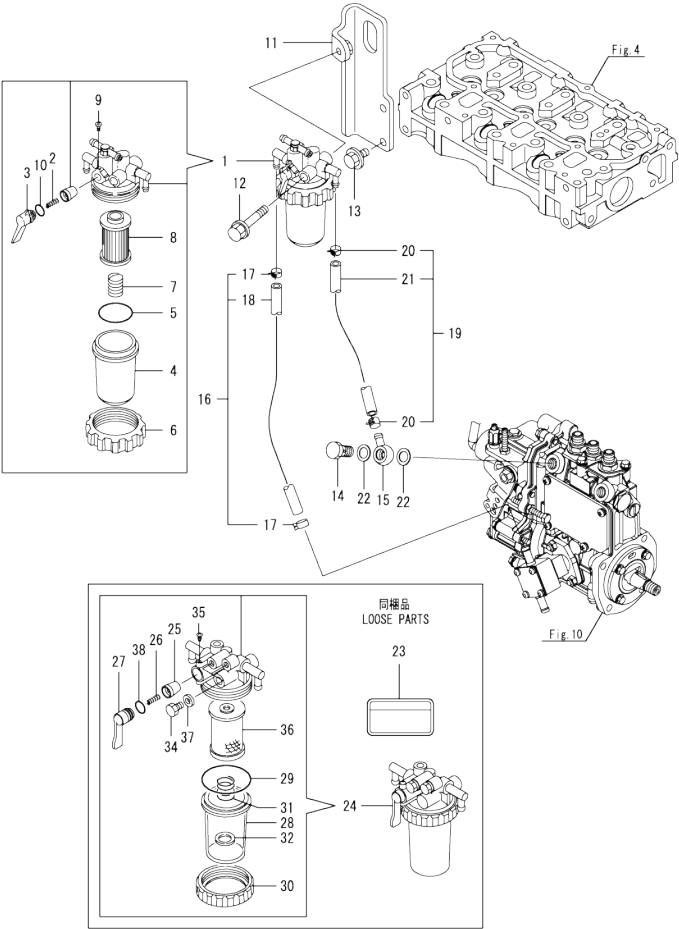


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N:Old <sup>Yes</sup>/<sub>No</sub> New. Q:Old <sup>No</sup>/<sub>Yes</sub> New. R:Old <sup>Yes</sup>/<sub>Yes</sub> New. S:Old <sup>No</sup>/<sub>No</sub> New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

Fig.13. FUEL PIPE

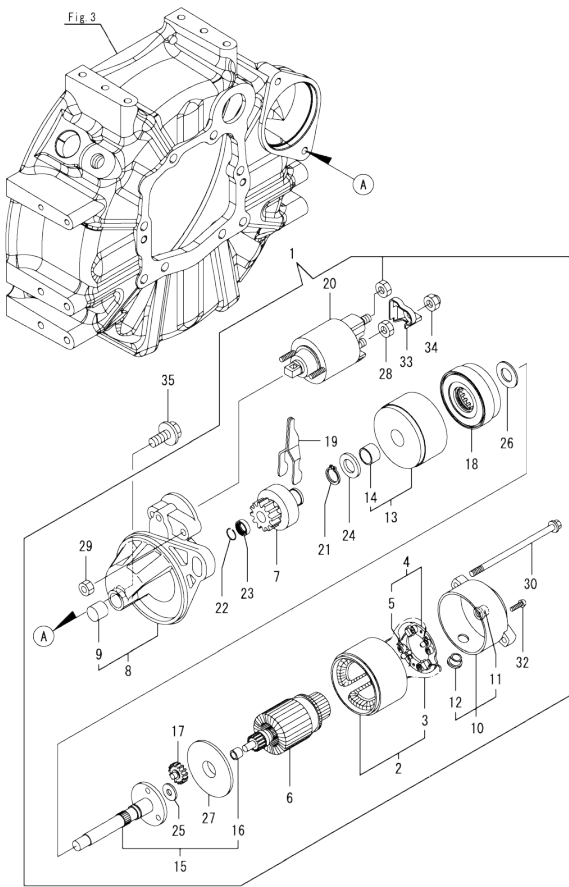


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(B)=  
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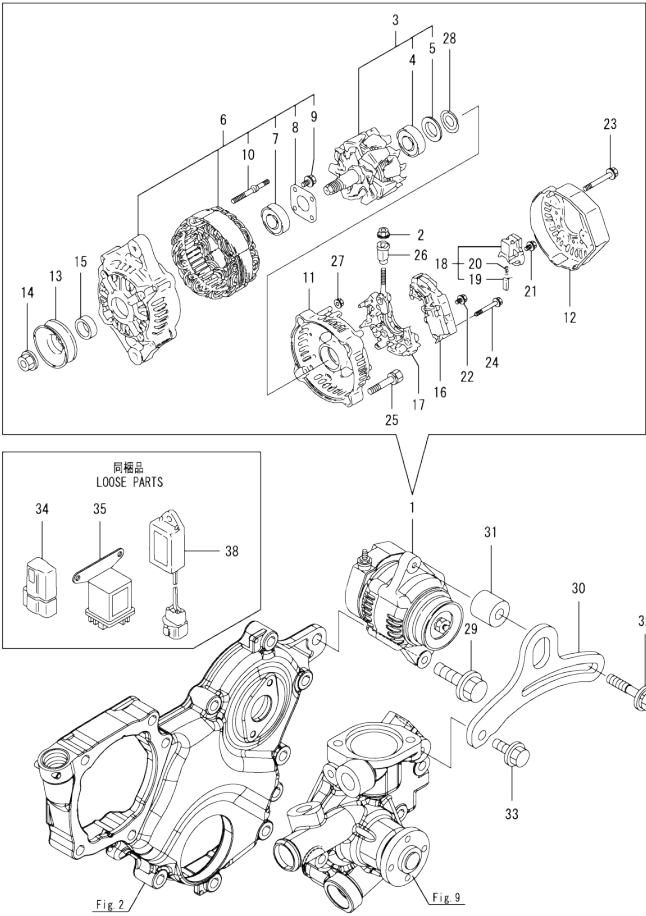
| No. | Lev. | Parts No.    | Description           | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|-----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                       | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 119833-55621 | FILTER ASSY, FUEL     | 1    |     |     |     |     |     |   |   |
| 2   | 2    | 104200-55330 | SPRING, VALVE         | 1    |     |     |     |     |     |   |   |
| 3   | 2    | 119810-55340 | LEVER                 | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 121254-55510 | COVER                 | 1    |     |     |     |     |     |   |   |
| 5   | 2    | 102103-55520 | O-RING                | 1    |     |     |     |     |     |   |   |
| 6   | 2    | 110250-55610 | RING, RETAINING       | 1    |     |     |     |     |     |   |   |
| 7   | 2    | 121250-55620 | SPRING                | 1    |     |     |     |     |     |   |   |
| 8   | 2    | 119810-55650 | ELEMENT               | 1    |     |     |     |     |     |   |   |
| 9   | 2    | 104200-55750 | SCREW, M4             | 1    |     |     |     |     |     |   |   |
| 10  | 2    | 24311-240100 | O-RING, 1AP10A        | 1    |     |     |     |     |     |   |   |
| 11  | 1    | 119028-55650 | BRACKET, FILTER       | 1    |     |     |     |     |     |   |   |
| 12  | 1    | 26014-080702 | BOLT, M8X 70          | 1    |     |     |     |     |     |   |   |
| 13  | 1    | 26106-080162 | BOLT, M8X 16 PLATED   | 2    |     |     |     |     |     |   |   |
| 14  | 1    | 103854-39140 | BOLT, PIPE JOINT      | 1    |     |     |     |     |     |   |   |
| 15  | 1    | 101304-59020 | JOINT, PIPE 12        | 1    |     |     |     |     |     |   |   |
| 16  | 1    | 129210-59140 | PIPE ASSY, FUEL       | 1    |     |     |     |     |     |   |   |
| 17  | 2    | 124766-59050 | CLIP, HOSE 11.5       | 2    |     |     |     |     |     |   |   |
| 18  | 2    | 105230-59510 | PIPE, FUEL            | 1    |     |     |     |     |     |   |   |
| 19  | 1    | 129210-59230 | PIPE ASSY, FUEL       | 1    |     |     |     |     |     |   |   |
| 20  | 2    | 124766-59050 | CLIP, HOSE 11.5       | 2    |     |     |     |     |     |   |   |
| 21  | 2    | 129555-59511 | PIPE, FUEL            | 1    |     |     |     |     |     |   |   |
| 22  | 1    | 22190-120002 | WASHER, SEAL 12       | 2    |     |     |     |     |     |   |   |
| 23  | 1    | 114110-07761 | LABEL, FUEL OIL CAUT  | 1    |     |     |     |     |     |   |   |
| 24  | 1    | 129335-55701 | SEPARATOR ASSY, WATER | 1    |     |     |     |     |     |   |   |
| 25  | 2    | 104200-55321 | VALVE, TAPER          | 1    |     |     |     |     |     |   |   |
| 26  | 2    | 104200-55330 | SPRING, VALVE         | 1    |     |     |     |     |     |   |   |
| 27  | 2    | 104200-55341 | HANDLE                | 1    |     |     |     |     |     |   |   |
| 28  | 2    | 124064-55510 | COVER                 | 1    |     |     |     |     |     |   |   |
| 29  | 2    | 102103-55520 | O-RING                | 1    |     |     |     |     |     |   |   |
| 30  | 2    | 110250-55610 | RING, RETAINING       | 1    |     |     |     |     |     |   |   |
| 31  | 2    | 121257-55720 | SPRING                | 1    |     |     |     |     |     |   |   |
| 32  | 2    | 121257-55731 | FLOAT                 | 1    |     |     |     |     |     |   |   |
| 34  | 2    | 101720-55750 | PLUG, 6               | 2    |     |     |     |     |     |   |   |
| 35  | 2    | 104200-55750 | SCREW, M4             | 1    |     |     |     |     |     |   |   |
| 36  | 2    | 171081-55910 | SCREEN                | 1    |     |     |     |     |     |   |   |
| 37  | 2    | 23418-060000 | GASKET, 6X1.0         | 2    |     |     |     |     |     |   |   |
| 38  | 2    | 24311-240100 | O-RING, 1AP10A        | 1    |     |     |     |     |     |   |   |

OCD50-M00530 3TNM74F-NGGE  
Fig.14. STARTER MOTOR



|     |      |              |                      |     |     |     |     |     |     | OCD50-M00530 Fig.14             |   |
|-----|------|--------------|----------------------|-----|-----|-----|-----|-----|-----|---------------------------------|---|
|     |      |              |                      |     |     |     |     |     |     | (A)=3TNM74F-NGGE (D)= (E)= (F)= |   |
|     |      |              |                      |     |     |     |     |     |     | Q'ty                            |   |
|     |      |              |                      |     |     |     |     |     |     | (A) (B) (C) (D) (E) (F)         |   |
| No. | Lev. | Parts No.    | Description          | (A) | (B) | (C) | (D) | (E) | (F) | I                               | R |
| 1   | 1    | 119515-77010 | STARTER              | 1   |     |     |     |     |     |                                 |   |
| 2   | 2    | X0281007680  | YOKE ASSY            | 1   |     |     |     |     |     |                                 |   |
| 3   | 3    | X0280996180  | STARTER KIT          | 2   |     |     |     |     |     |                                 |   |
| 4   | 2    | X0285105190  | HOLDER ASSY          | 1   |     |     |     |     |     |                                 |   |
| 5   | 3    | X0285205030  | SPRING               | 4   |     |     |     |     |     |                                 |   |
| 6   | 2    | X0282005871  | ARMATURE ASSY        | 1   |     |     |     |     |     |                                 |   |
| 7   | 2    | X0283006960  | CLUTCH ASSY          | 1   |     |     |     |     |     |                                 |   |
| 8   | 2    | X4284001590  | HOUSING ASSY         | 1   |     |     |     |     |     |                                 |   |
| 9   | 3    | X9491050100  | BEARING, NEEDLE      | 1   |     |     |     |     |     |                                 |   |
| 10  | 2    | X0285007030  | FRAME ASSY           | 1   |     |     |     |     |     |                                 |   |
| 11  | 3    | X9491040990  | BEARING              | 1   |     |     |     |     |     |                                 |   |
| 12  | 3    | X0280626010  | COVER                | 1   |     |     |     |     |     |                                 |   |
| 13  | 2    | X0284105040  | BEARING ASSY         | 1   |     |     |     |     |     |                                 |   |
| 14  | 3    | X9491034330  | BEARING              | 1   |     |     |     |     |     |                                 |   |
| 15  | 2    | X0286105010  | SHAFT ASSY           | 1   |     |     |     |     |     |                                 |   |
| 16  | 3    | X9491034320  | BEARING              | 1   |     |     |     |     |     |                                 |   |
| 17  | 2    | X0286305010  | GEAR                 | 3   |     |     |     |     |     |                                 |   |
| 18  | 2    | X0286355010  | GEAR                 | 1   |     |     |     |     |     |                                 |   |
| 19  | 2    | X0287405140  | LEVER                | 1   |     |     |     |     |     |                                 |   |
| 20  | 2    | X0534007800  | SWITCH ASSY          | 1   |     |     |     |     |     |                                 |   |
| 21  | 2    | X9055715000  | RING                 | 1   |     |     |     |     |     |                                 |   |
| 22  | 2    | X9490721360  | RING                 | 1   |     |     |     |     |     |                                 |   |
| 23  | 2    | X0280210331  | NUT                  | 1   |     |     |     |     |     |                                 |   |
| 24  | 2    | X9490138110  | WASHER               | 1   |     |     |     |     |     |                                 |   |
| 25  | 2    | X9490138090  | WASHER               | 1   |     |     |     |     |     |                                 |   |
| 26  | 2    | X9490138100  | WASHER               | 1   |     |     |     |     |     |                                 |   |
| 27  | 2    | X0284525010  | PLATE                | 1   |     |     |     |     |     |                                 |   |
| 28  | 2    | X9490562360  | NUT                  | 1   |     |     |     |     |     |                                 |   |
| 29  | 2    | X9490560750  | NUT                  | 2   |     |     |     |     |     |                                 |   |
| 30  | 2    | X9490423520  | BOLT, THROUGH        | 2   |     |     |     |     |     |                                 |   |
| 32  | 2    | X9490065670  | SCREW, M4X6          | 2   |     |     |     |     |     |                                 |   |
| 33  | 2    | X0280335360  | COVER, TERMINAL      | 1   |     |     |     |     |     |                                 |   |
| 34  | 2    | X1289510130  | NUT                  | 1   |     |     |     |     |     |                                 |   |
| 35  | 1    | 26106-100252 | BOLT, M10X 25 PLATED | 2   |     |     |     |     |     |                                 |   |

Fig.15. GENERATOR



|     |      |              |                      |      |     |     |     |     |     | OCD50-M00530     |   | Fig.15 |  |
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|     |      |              |                      |      |     |     |     |     |     | (A)=3TNM74F-NGGE |   | (D)=   |  |
|     |      |              |                      |      |     |     |     |     |     | (B)=             |   | (E)=   |  |
|     |      |              |                      |      |     |     |     |     |     | (C)=             |   | (F)=   |  |
| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I                | R |        |  |
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |                  |   |        |  |
| 1   | 1    | 129423-77200 | GENERATOR, 12V-40A   | 1    |     |     |     |     |     |                  |   |        |  |
| 2   | 2    | X9490561001  | NUT                  | 1    |     |     |     |     |     |                  |   |        |  |
| 3   | 2    | 119620-77380 | ROTOR ASSY           | 1    |     |     |     |     |     |                  |   |        |  |
| 4   | 3    | 123501-79240 | BEARING, BALL        | 1    |     |     |     |     |     |                  |   |        |  |
| 5   | 3    | 119620-79250 | COVER                | 1    |     |     |     |     |     |                  |   |        |  |
| 6   | 2    | 119620-77421 | FRAME ASSY, DRIVE    | 1    |     |     |     |     |     |                  |   |        |  |
| 7   | 3    | 119620-79200 | BEARING, BALL        | 1    |     |     |     |     |     |                  |   |        |  |
| 8   | 3    | 119620-79210 | PLATE, RETAINER      | 1    |     |     |     |     |     |                  |   |        |  |
| 9   | 3    | 119620-79220 | SCREW                | 4    |     |     |     |     |     |                  |   |        |  |
| 10  | 3    | 119620-79230 | STUD                 | 2    |     |     |     |     |     |                  |   |        |  |
| 11  | 2    | 119620-77440 | FRAME ASSY           | 1    |     |     |     |     |     |                  |   |        |  |
| 12  | 2    | 129240-79300 | COVER                | 1    |     |     |     |     |     |                  |   |        |  |
| 13  | 2    | 119620-77461 | PULLEY               | 1    |     |     |     |     |     |                  |   |        |  |
| 14  | 2    | 119620-77471 | NUT                  | 1    |     |     |     |     |     |                  |   |        |  |
| 15  | 2    | 119620-77490 | COLLAR               | 1    |     |     |     |     |     |                  |   |        |  |
| 16  | 2    | 129423-77710 | REGULATOR ASSY       | 1    |     |     |     |     |     |                  |   |        |  |
| 17  | 2    | 119620-79260 | HOLDER               | 1    |     |     |     |     |     |                  |   |        |  |
| 18  | 2    | 129052-79270 | HOLDER, BRUSH        | 1    |     |     |     |     |     |                  |   |        |  |
| 19  | 3    | 119620-77480 | BRUSH ASSY           | 2    |     |     |     |     |     |                  |   |        |  |
| 20  | 3    | 119620-79280 | SPRING               | 2    |     |     |     |     |     |                  |   |        |  |
| 21  | 2    | 119620-79290 | SCREW                | 6    |     |     |     |     |     |                  |   |        |  |
| 22  | 2    | 119620-79300 | SCREW                | 1    |     |     |     |     |     |                  |   |        |  |
| 23  | 2    | 119620-79310 | BOLT                 | 3    |     |     |     |     |     |                  |   |        |  |
| 24  | 2    | 119620-79320 | SCREW                | 2    |     |     |     |     |     |                  |   |        |  |
| 25  | 2    | 119620-79330 | BOLT                 | 2    |     |     |     |     |     |                  |   |        |  |
| 26  | 2    | 119620-79340 | BUSH, INSULATION     | 1    |     |     |     |     |     |                  |   |        |  |
| 27  | 2    | 119620-79350 | NUT                  | 2    |     |     |     |     |     |                  |   |        |  |
| 28  | 2    | 119620-79360 | WASHER, THRUST       | 1    |     |     |     |     |     |                  |   |        |  |
| 29  | 1    | 26106-100402 | BOLT, M10X 40 PLATED | 1    |     |     |     |     |     |                  |   |        |  |
| 30  | 1    | 119125-77320 | ADJUSTER             | 1    |     |     |     |     |     |                  |   |        |  |
| 31  | 1    | 124732-77340 | SPACER               | 1    |     |     |     |     |     |                  |   |        |  |
| 32  | 1    | 129972-77341 | BOLT, ADJUSTER L=50  | 1    |     |     |     |     |     |                  |   |        |  |
| 33  | 1    | 26106-080202 | BOLT, M8X 20 PLATED  | 1    |     |     |     |     |     |                  |   |        |  |
| 34  | 1    | 119643-66900 | DIODE                | 1    |     |     |     |     |     |                  |   |        |  |
| 35  | 1    | 119650-77911 | RELAY ASSY, GLOW     | 1    |     |     |     |     |     |                  |   |        |  |
| 38  | 1    | 129211-77920 | TIMER                | 1    |     |     |     |     |     |                  |   |        |  |
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|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |
|     |      |              |                      |      |     |     |     |     |     |                  |   |        |  |

## Parts No. Index

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 101304-59020 | 13       | 15       |
| 101720-55750 | 13       | 34       |
| 102103-55520 | 13       | 5        |
|              |          | 29       |
| 103854-39140 | 13       | 14       |
| 104200-55321 | 13       | 25       |
| 104200-55330 | 13       | 2        |
|              |          | 26       |
| 104200-55341 | 13       | 27       |
| 104200-55750 | 13       | 9        |
|              |          | 35       |
| 105010-11490 | 4        | 3        |
| 105230-59510 | 12       | 34       |
|              | 13       | 18       |
| 105425-01690 | 3        | 8        |
| 106760-01770 | 2        | 6        |
| 110250-55610 | 13       | 6        |
|              |          | 30       |
| 114110-07761 | 13       | 23       |
| 114250-39450 | 8        | 14       |
| 119000-59550 | 12       | 40       |
| 119025-01530 | 2        | 1        |
| 119025-01770 | 3        | 7        |
| 119025-14580 | 6        | 3        |
| 119025-25100 | 6        | 9        |
| 119025-34800 | 8        | 3        |
| 119025-35080 | 8        | 9        |
| 119025-42000 | 9        | 1        |
| 119025-42020 | 9        | 3        |
| 119025-42030 | 9        | 4        |
| 119028-55650 | 13       | 11       |
| 119125-01750 | 2        | 2        |
| 119125-01780 | 3        | 11       |
| 119125-01790 | 1        | 32       |
| 119125-01800 | 1        | 33       |
| 119125-01960 | 1        | 7        |
| 119125-01970 | 1        | 5        |
| 119125-02061 | 1        | 9        |
| 119125-02900 | 1        | 36       |
| 119125-02910 | 1        | 39       |
| 119125-02930 | 1        | 23       |
| 119125-02940 | 1        | 42       |
| 119125-21200 | 7        | 4        |
| 119125-21650 | 7        | 7        |
| 119125-25050 | 1        | 26       |
| 119125-25910 | 6        | 15       |
| 119125-25930 | 6        | 13       |
| 119125-32000 | 8        | 1        |
| 119125-34810 | 8        | 5        |
| 119125-34900 | 8        | 4        |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 119125-39200 | 8        | 11       |
| 119125-39220 | 8        | 12       |
| 119125-51700 | 10       | 79       |
| 119125-51800 | 1        | 35       |
| 119125-52000 | 10       | 97       |
| 119125-59560 | 12       | 36       |
| 119125-59570 | 12       | 38       |
| 119125-77320 | 15       | 30       |
| 119131-18320 | 5        | 5        |
| 119209-35030 | 8        | 8        |
| 119265-44740 | 9        | 18       |
| 119285-11990 | 4        | 11       |
| 119305-35170 | 8        | 15       |
| 119515-11200 | 4        | 20       |
| 119515-11240 | 4        | 21       |
| 119515-11280 | 4        | 25       |
| 119515-11310 | 4        | 44       |
| 119515-11320 | 4        | 45       |
| 119515-11330 | 4        | 46       |
| 119515-11380 | 4        | 34       |
| 119515-11800 | 4        | 55       |
| 119515-13200 | 5        | 7        |
| 119515-14400 | 6        | 2        |
| 119515-23000 | 7        | 23       |
| 119515-23601 | 7        | 27       |
| 119515-23611 | 7        | 30       |
| 119515-42020 | 9        | 12       |
| 119515-53001 | 12       | 1        |
| 119515-53010 | 12       | 3        |
| 119515-77010 | 14       | 1        |
| 119600-11460 | 4        | 2        |
| 119600-66840 | 11       | 111      |
| 119620-01620 | 1        | 13       |
| 119620-01750 | 3        | 5        |
| 119620-02450 | 6        | 4        |
| 119620-14200 | 6        | 1        |
| 119620-21941 | 7        | 9        |
| 119620-59700 | 12       | 42       |
| 119620-77380 | 15       | 3        |
| 119620-77421 | 15       | 6        |
| 119620-77440 | 15       | 11       |
| 119620-77461 | 15       | 13       |
| 119620-77471 | 15       | 14       |
| 119620-77480 | 15       | 19       |
| 119620-77490 | 15       | 15       |
| 119620-79200 | 15       | 7        |
| 119620-79210 | 15       | 8        |
| 119620-79220 | 15       | 9        |
| 119620-79230 | 15       | 10       |
| 119620-79250 | 15       | 5        |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 119620-79260 | 15       | 17       |
| 119620-79280 | 15       | 20       |
| 119620-79290 | 15       | 21       |
| 119620-79300 | 15       | 22       |
| 119620-79310 | 15       | 23       |
| 119620-79320 | 15       | 24       |
| 119620-79330 | 15       | 25       |
| 119620-79340 | 15       | 26       |
| 119620-79350 | 15       | 27       |
| 119620-79360 | 15       | 28       |
| 119621-21681 | 7        | 8        |
| 119643-66900 | 15       | 34       |
| 119645-61070 | 11       | 109      |
| 119650-77911 | 15       | 35       |
| 119653-77950 | 11       | 115      |
| 119685-42281 | 9        | 8        |
| 119717-01800 | 2        | 3        |
| 119717-03031 | 4        | 35       |
| 119717-03070 | 4        | 36       |
|              |          | 37       |
| 119717-11131 | 4        | 15       |
| 119717-11190 | 4        | 17       |
| 119717-11260 | 4        | 24       |
| 119717-11340 | 4        | 18       |
| 119717-11350 | 4        | 19       |
| 119717-11650 | 4        | 26       |
| 119717-13109 | 5        | 1        |
| 119717-13110 | 5        | 2        |
| 119717-13600 | 5        | 3        |
| 119717-22300 | 7        | 21       |
| 119717-23200 | 7        | 26       |
| 119717-23910 | 7        | 29       |
| 119717-35140 | 8        | 6        |
| 119717-49800 | 9        | 22       |
| 119717-51150 | 6        | 14       |
| 119717-51420 | 10       | 27       |
| 119717-51711 | 10       | 80       |
| 119717-51750 | 10       | 81       |
| 119717-51761 | 10       | 82       |
| 119717-51860 | 10       | 94       |
| 119717-51930 | 11       | 2        |
| 119717-61050 | 11       | 3        |
| 119717-61070 | 11       | 4        |
| 119717-77801 | 4        | 53       |
| 119717-77820 | 4        | 54       |
| 119734-02220 | 1        | 34       |
| 119740-42350 | 9        | 16       |
| 119746-61060 | 11       | 108      |
| 119746-61080 | 11       | 110      |
| 119746-61440 | 11       | 22       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 119746-61600 | 11       | 107      |
| 119802-03100 | 4        | 38       |
| 119802-03110 | 4        | 39       |
| 119802-03121 | 4        | 40       |
| 119802-03131 | 4        | 41       |
| 119802-03141 | 4        | 42       |
| 119802-13620 | 5        | 4        |
| 119810-01200 | 1        | 30       |
| 119810-55340 | 13       | 3        |
| 119810-55650 | 13       | 8        |
| 119833-55621 | 13       | 1        |
| 119840-59570 | 12       | 41       |
| 119865-21600 | 7        | 14       |
| 119888-01850 | 3        | 4        |
| 119C10-01330 | 1        | 31       |
| 119C10-11100 | 4        | 13       |
| 119C10-11110 | 4        | 14       |
| 119C10-22500 | 7        | 17       |
| 119C10-22550 | 7        | 33       |
| 119D00-01560 | 1        | 1        |
| 119D00-01610 | 3        | 2        |
| 119D00-11740 | 4        | 4        |
| 119D00-21580 | 7        | 12       |
| 119D00-21700 | 7        | 1        |
| 119D00-22080 | 7        | 15       |
| 119D00-22900 | 7        | 32       |
| 119D00-59540 | 12       | 35       |
| 119D00-59810 | 12       | 20       |
| 119D00-59820 | 12       | 24       |
| 119D00-59830 | 12       | 28       |
| 121023-01551 | 2        | 8        |
| 121111-21501 | 7        | 11       |
| 121250-44901 | 9        | 26       |
| 121250-55620 | 13       | 7        |
| 121254-55510 | 13       | 4        |
| 121257-55720 | 13       | 31       |
| 121257-55731 | 13       | 32       |
| 121450-42450 | 9        | 25       |
| 122710-51090 | 10       | 8        |
| 123501-79240 | 15       | 4        |
| 124060-01050 | 1        | 4        |
| 124064-55510 | 13       | 28       |
| 124066-59100 | 12       | 39       |
| 124160-01751 | 4        | 33       |
| 124465-44950 | 9        | 27       |
|              |          | 28       |
| 124732-77340 | 15       | 31       |
| 124766-59050 | 12       | 33       |
|              | 13       | 17       |
|              |          | 20       |

## Parts No. Index

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 129052-79270 | 15       | 18       |
| 129100-01580 | 3        | 1        |
|              | 7        | 2        |
| 129150-11230 | 4        | 27       |
| 129150-11750 | 4        | 29       |
| 129150-25301 | 6        | 12       |
| 129150-59120 | 12       | 15       |
| 129150-59131 | 12       | 18       |
| 129155-51020 | 10       | 5        |
| 129155-51280 | 10       | 18       |
| 129155-51400 | 10       | 25       |
| 129155-51580 | 10       | 46       |
| 129155-52051 | 10       | 98       |
| 129155-61460 | 11       | 70       |
| 129210-59140 | 12       | 32       |
|              | 13       | 16       |
| 129210-59230 | 13       | 19       |
| 129211-77920 | 15       | 38       |
| 129240-79300 | 15       | 12       |
| 129335-55701 | 13       | 24       |
| 129350-49530 | 9        | 21       |
| 129423-77200 | 15       | 1        |
| 129423-77710 | 15       | 16       |
| 129457-44760 | 9        | 19       |
| 129508-11180 | 4        | 16       |
| 129555-59511 | 13       | 21       |
| 129900-32040 | 1        | 27       |
| 129901-11450 | 4        | 1        |
| 129901-53800 | 12       | 4        |
| 129901-59560 | 12       | 37       |
| 129972-77341 | 15       | 32       |
| 158552-61900 | 11       | 71       |
| 158600-51410 | 10       | 26       |
| 158600-51420 | 10       | 28       |
| 158600-51570 | 10       | 45       |
| 158600-51790 | 10       | 83       |
| 171056-49120 | 9        | 24       |
| 171081-55910 | 13       | 36       |
| 22190-060003 | 11       | 112      |
| 22190-100002 | 11       | 75       |
| 22190-120002 | 12       | 43       |
|              | 13       | 22       |
| 22190-160002 | 3        | 10       |
|              | 10       | 85       |
| 22217-120000 | 10       | 86       |
| 22242-000120 | 4        | 30       |
| 22252-000220 | 7        | 22       |
| 22351-030010 | 7        | 10       |
| 22351-050010 | 10       | 87       |
| 22351-060012 | 1        | 28       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 22372-040000 | 11       | 77       |
| 22512-040120 | 7        | 5        |
| 22857-500100 | 4        | 47       |
|              |          | 48       |
| 22857-500160 | 4        | 49       |
| 23414-080000 | 9        | 13       |
| 23418-060000 | 13       | 37       |
| 23876-005000 | 1        | 10       |
|              | 4        | 12       |
| 24311-000180 | 2        | 7        |
| 24311-000320 | 4        | 50       |
| 24311-240100 | 13       | 10       |
|              |          | 38       |
| 24341-000240 | 2        | 9        |
| 25132-003450 | 9        | 17       |
| 26014-080702 | 13       | 12       |
| 26022-050122 | 10       | 91       |
| 26106-060102 | 8        | 10       |
|              | 11       | 79       |
| 26106-060122 | 6        | 8        |
|              | 8        | 13       |
| 26106-060142 | 8        | 2        |
|              | 11       | 80       |
| 26106-060162 | 2        | 10       |
| 26106-060202 | 4        | 51       |
|              | 11       | 81       |
| 26106-060402 | 1        | 29       |
| 26106-060452 | 9        | 20       |
|              | 11       | 82       |
| 26106-060752 | 4        | 52       |
| 26106-080122 | 9        | 14       |
| 26106-080162 | 13       | 13       |
| 26106-080202 | 9        | 23       |
|              | 15       | 33       |
| 26106-080352 | 2        | 4        |
| 26106-080402 | 4        | 32       |
| 26106-080452 | 2        | 5        |
|              | 9        | 15       |
| 26106-100252 | 14       | 35       |
| 26106-100402 | 15       | 29       |
| 26206-100252 | 3        | 6        |
| 26306-080002 | 5        | 6        |
| 26366-080002 | 11       | 61       |
| 26577-060122 | 9        | 10       |
| 26716-120002 | 10       | 93       |
| 26756-060002 | 11       | 83       |
|              |          | 113      |
| 26979-050162 | 4        | 31       |
| 27241-300000 | 1        | 11       |
| 27241-450000 | 1        | 12       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 719D28-51390 | 10       | 1        |
| X0280210331  | 14       | 23       |
| X0280335360  | 14       | 33       |
| X0280626010  | 14       | 12       |
| X0280996180  | 14       | 3        |
| X0281007680  | 14       | 2        |
| X0282005871  | 14       | 6        |
| X0283006960  | 14       | 7        |
| X0284105040  | 14       | 13       |
| X0284525010  | 14       | 27       |
| X0285007030  | 14       | 10       |
| X0285105190  | 14       | 4        |
| X0285205030  | 14       | 5        |
| X0286105010  | 14       | 15       |
| X0286305010  | 14       | 17       |
| X0286355010  | 14       | 18       |
| X0287405140  | 14       | 19       |
| X0534007800  | 14       | 20       |
| X1289510130  | 14       | 34       |
| X4284001590  | 14       | 8        |
| X9055715000  | 14       | 21       |
| X9490065670  | 14       | 32       |
| X9490138090  | 14       | 25       |
| X9490138100  | 14       | 26       |
| X9490138110  | 14       | 24       |
| X9490423520  | 14       | 30       |
| X9490560750  | 14       | 29       |
| X9490561001  | 15       | 2        |
| X9490562360  | 14       | 28       |
| X9490721360  | 14       | 22       |
| X9491034320  | 14       | 16       |
| X9491034330  | 14       | 14       |
| X9491040990  | 14       | 11       |
| X9491050100  | 14       | 9        |

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