

0CD50-M01210EN

# P R E F A C E

This parts catalog is the 1st edition of 4TNV84T-KAT for AGRITECH.

Published : April, 2015

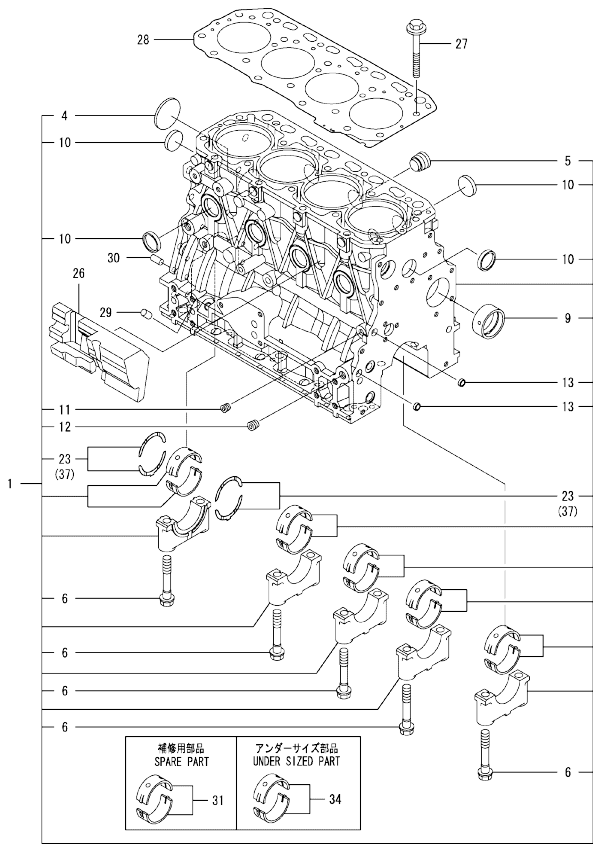
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| 18.         | STARTER MOTOR           |          |           |

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Fig.1. CYLINDER BLOCK

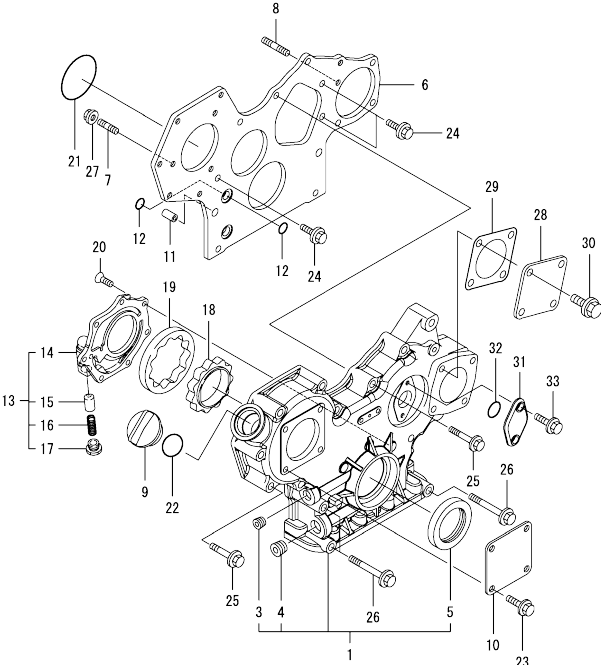


Remarks  
(1)Spare parts.  
(2)Under-sized(U.S.=0.25) parts.  
(3)Over-sized(O.S.=0.25) parts.

OCD50-M01210 Fig.1

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 729508-01570 | BLOCK ASSY, CYLINDER | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 129001-01250 | PLUG, 50             | 1    |     |     |     |     |     |   |   |
| 5   | 2    | 171051-01921 | PLUG, NPTF1          | 1    |     |     |     |     |     |   |   |
| 6   | 2    | 129150-02020 | BOLT, METAL CAP      | 10   |     |     |     |     |     |   |   |
| 9   | 2    | 129795-02412 | BUSH, CAMSHAFT       | 1    |     |     |     |     |     |   |   |
| 10  | 2    | 27241-300000 | PLUG 30              | 8    |     |     |     |     |     |   |   |
| 11  | 2    | 124060-01050 | PLUG, PT1/8          | 1    |     |     |     |     |     |   |   |
| 12  | 2    | 124160-01910 | PLUG, PT1/4          | 2    |     |     |     |     |     |   |   |
| 13  | 2    | 27241-120000 | PLUG, 12             | 2    |     |     |     |     |     |   |   |
| 23  | 2    | 129150-02931 | BEARING, THRUST      | 2    |     |     |     |     |     |   |   |
| 26  | 1    | 129004-01190 | SPACER               | 1    |     |     |     |     |     |   |   |
| 27  | 1    | 129150-01200 | BOLT, HEAD           | 18   |     |     |     |     |     |   |   |
| 28  | 1    | 129508-01330 | GASKET, HEAD         | 1    |     |     |     |     |     |   |   |
| 29  | 1    | 119309-01810 | PLUG                 | 1    |     |     |     |     |     |   |   |
| 30  | 1    | 129100-01580 | PIN, 8X16            | 2    |     |     |     |     |     |   |   |
| 31  | 1    | 129001-02931 | BEARING, MAIN        | 5    |     |     |     |     |     |   | 1 |
| 34  | 1    | 129150-02871 | BEARING, 0.25 US     | 5    |     |     |     |     |     |   | 2 |
| 37  | 1    | 129150-02941 | BEARING, THRUST 0.25 | 1    |     |     |     |     |     |   | 3 |

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Fig.2. GEAR HOUSING



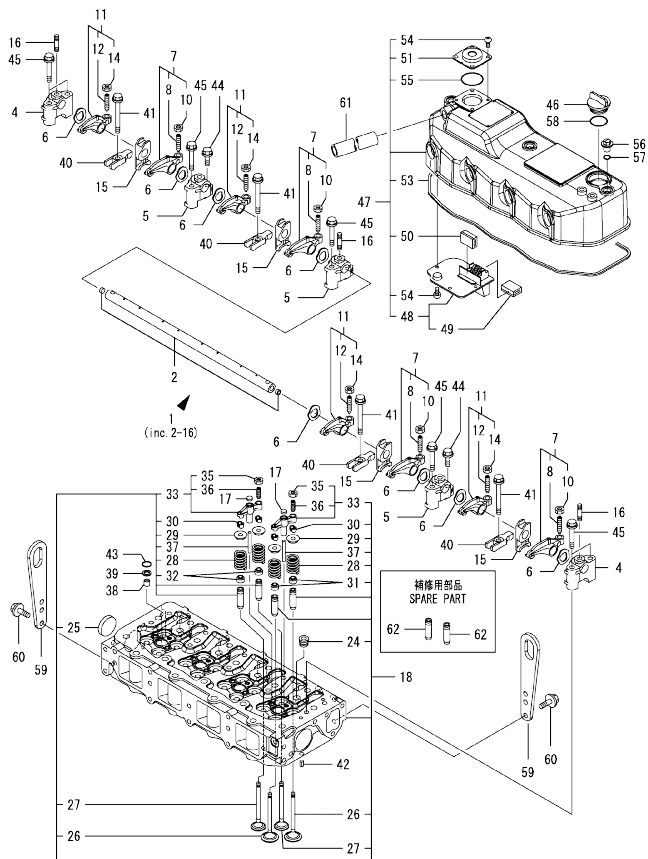
| OCD50-M01210 Fig.2 |      |              |                     |                 |     |     |     |     |     |     |
|--------------------|------|--------------|---------------------|-----------------|-----|-----|-----|-----|-----|-----|
|                    |      |              |                     | (A)=4TNV84T-KAT |     |     |     |     |     |     |
|                    |      |              |                     | (D)=            |     |     |     |     |     |     |
|                    |      |              |                     | (E)=            |     |     |     |     |     |     |
|                    |      |              |                     | (F)=            |     |     |     |     |     |     |
|                    |      |              |                     | Q'ty            |     |     |     |     |     |     |
| No.                | Lev. | Parts No.    | Description         | (A)             | (B) | (C) | (D) | (E) | (F) | I R |
| 1                  | 1    | 729508-01510 | CASE ASSY, GEAR     | 1               |     |     |     |     |     |     |
| 3                  | 2    | 23876-030000 | PLUG, R03           | 1               |     |     |     |     |     |     |
| 4                  | 2    | 23876-040000 | PLUG, R04           | 1               |     |     |     |     |     |     |
| 5                  | 2    | 119934-01800 | SEAL, OIL           | 1               |     |     |     |     |     |     |
| 6                  | 1    | 129004-01520 | FLANGE, GEAR CASE   | 1               |     |     |     |     |     |     |
| 7                  | 1    | 119802-01561 | STUD, M8X25         | 3               |     |     |     |     |     |     |
| 8                  | 1    | 129150-01580 | STUD, M8X30         | 1               |     |     |     |     |     |     |
| 9                  | 1    | 124160-01751 | COVER, FILLER       | 1               |     |     |     |     |     |     |
| 10                 | 1    | 124240-01871 | COVER               | 1               |     |     |     |     |     |     |
| 11                 | 1    | 129795-01950 | PIPE, KNOCK L=18    | 2               |     |     |     |     |     |     |
| 12                 | 1    | 119609-32040 | O-RING, P16         | 4               |     |     |     |     |     |     |
| 13                 | 1    | 119802-32100 | COVER ASSY          | 1               |     |     |     |     |     |     |
| 14                 | 2    | 119802-32070 | COVER               | 1               |     |     |     |     |     |     |
| 15                 | 2    | 129900-32130 | VALVE, RELIEF       | 1               |     |     |     |     |     |     |
| 16                 | 2    | 129418-32320 | SPRING              | 1               |     |     |     |     |     |     |
| 17                 | 2    | 129001-32330 | PLUG                | 1               |     |     |     |     |     |     |
| 18                 | 1    | 129508-32111 | ROTOR, INNER        | 1               |     |     |     |     |     |     |
| 19                 | 1    | 129508-32120 | ROTOR, OUTER        | 1               |     |     |     |     |     |     |
| 20                 | 1    | 119802-32130 | SCREW, M6X16        | 7               |     |     |     |     |     |     |
| 21                 | 1    | 121850-51960 | O-RING              | 1               |     |     |     |     |     |     |
| 22                 | 1    | 24311-000320 | O-RING, 1AP32.0     | 1               |     |     |     |     |     |     |
| 23                 | 1    | 26106-080162 | BOLT, M8X 16 PLATED | 4               |     |     |     |     |     |     |
| 24                 | 1    | 26106-080162 | BOLT, M8X 16 PLATED | 3               |     |     |     |     |     |     |
| 25                 | 1    | 26106-080552 | BOLT, M8X 55 PLATED | 11              |     |     |     |     |     |     |
| 26                 | 1    | 26106-080852 | BOLT, M8X 85 PLATED | 3               |     |     |     |     |     |     |
| 27                 | 1    | 26306-080002 | NUT, M8             | 3               |     |     |     |     |     |     |
| 28                 | 1    | 124240-01871 | COVER               | 1               |     |     |     |     |     |     |
| 29                 | 1    | 129C26-01890 | GASKET, HO-P        | 1               |     |     |     |     |     |     |
| 30                 | 1    | 26106-080122 | BOLT, M8X 12 PLATED | 4               |     |     |     |     |     |     |
| 31                 | 1    | 121023-01551 | COVER               | 1               |     |     |     |     |     |     |
| 32                 | 1    | 24341-000240 | O-RING, 1AS24.0     | 1               |     |     |     |     |     |     |
| 33                 | 1    | 26106-060162 | BOLT, M6X 16 PLATED | 2               |     |     |     |     |     |     |



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Fig.4. CYLINDER HEAD & BONNET



Remarks  
(1)Spare parts.

OCD50-M01210 Fig.4

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

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

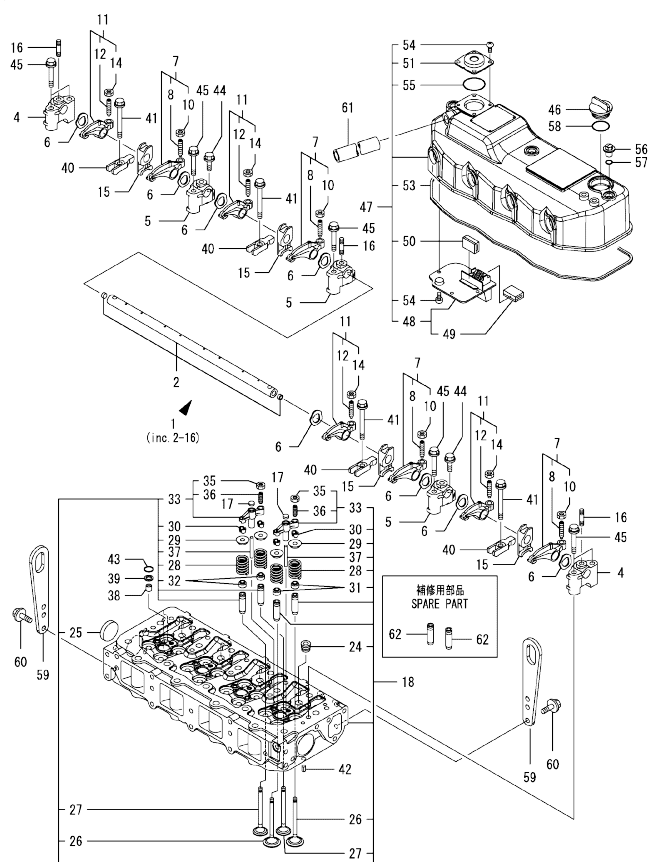
| No. | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 129508-11241 | SHAFT ASSY, ROCKER  | 1    |     |     |     |     |     |   |   |
| 2   | 2    | 129508-11250 | SHAFT, ROCKER ARM   | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 129508-11260 | SUPPORT, ROCKER ARM | 2    |     |     |     |     |     |   |   |
| 5   | 2    | 129508-11270 | SUPPORT, ROCKER ARM | 3    |     |     |     |     |     |   |   |
| 6   | 2    | 129508-11280 | WASHER              | 8    |     |     |     |     |     |   |   |
| 7   | 2    | 129508-11650 | ARM, ROCKER         | 4    |     |     |     |     |     |   |   |
| 8   | 3    | 129150-11230 | SCREW, VALVE ADJUST | 4    |     |     |     |     |     |   |   |
| 10  | 3    | 129150-11750 | NUT, M8             | 4    |     |     |     |     |     |   |   |
| 11  | 2    | 129508-11660 | ARM, ROCKER         | 4    |     |     |     |     |     |   |   |
| 12  | 3    | 129150-11230 | SCREW, VALVE ADJUST | 4    |     |     |     |     |     |   |   |
| 14  | 3    | 129150-11750 | NUT, M8             | 4    |     |     |     |     |     |   |   |
| 15  | 2    | 129508-11920 | RETAINER            | 4    |     |     |     |     |     |   |   |
| 16  | 2    | 26226-080352 | STUD, M8X 35        | 3    |     |     |     |     |     |   |   |
| 17  | 1    | 123907-11550 | SEAT, VALVE BRIDGE  | 8    |     |     |     |     |     |   |   |
| 18  | 1    | 129508-11700 | HEAD ASSY, CYLINDER | 1    |     |     |     |     |     |   |   |
| 24  | 2    | 23876-020000 | PLUG, R02           | 4    |     |     |     |     |     |   |   |
| 25  | 2    | 27241-400000 | PLUG, 40            | 2    |     |     |     |     |     |   |   |
| 26  | 2    | 129508-11100 | VALVE, INTAKE       | 8    |     |     |     |     |     |   |   |
| 27  | 2    | 129508-11110 | VALVE, EXHAUST      | 8    |     |     |     |     |     |   |   |
| 28  | 2    | 129508-11130 | SPRING, VALVE       | 16   |     |     |     |     |     |   |   |
| 29  | 2    | 129508-11180 | RETAINER, SPRING    | 16   |     |     |     |     |     |   |   |
| 30  | 2    | 119717-11190 | COTTER              | 32   |     |     |     |     |     |   |   |
| 31  | 2    | 119717-11340 | SEAL, VALVE STEM    | 8    |     |     |     |     |     |   |   |
| 32  | 2    | 119717-11350 | SEAL, VALVE STEM    | 8    |     |     |     |     |     |   |   |
| 33  | 2    | 129672-11510 | BRIDGE ASSY, VALVE  | 8    |     |     |     |     |     |   |   |
| 35  | 3    | 129150-11750 | NUT, M8             | 8    |     |     |     |     |     |   |   |
| 36  | 3    | 123907-11830 | ADJUSTER            | 8    |     |     |     |     |     |   |   |
| 37  | 2    | 129508-11820 | GUIDE               | 8    |     |     |     |     |     |   |   |
| 38  | 1    | 119802-11870 | PROTECTOR, NOZZLE   | 4    |     |     |     |     |     |   |   |
| 39  | 1    | 119625-11880 | SEAT, NOZZLE        | 4    |     |     |     |     |     |   |   |
| 40  | 1    | 129508-11900 | RETAINER, NOZZLE    | 4    |     |     |     |     |     |   |   |
| 41  | 1    | 129907-11950 | BOLT, M8X75         | 4    |     |     |     |     |     |   |   |
| 42  | 1    | 22351-060012 | PIN, SPRING 6.0X12  | 2    |     |     |     |     |     |   |   |
| 43  | 1    | 24311-000120 | O-RING, 1AP12.0     | 4    |     |     |     |     |     |   |   |
| 44  | 1    | 26106-080252 | BOLT, M8X 25 PLATED | 3    |     |     |     |     |     |   |   |
| 45  | 1    | 26106-080502 | BOLT, M8X 50 PLATED | 7    |     |     |     |     |     |   |   |
| 46  | 1    | 124160-01751 | COVER, FILLER       | 1    |     |     |     |     |     |   |   |
| 47  | 1    | 129508-11350 | BONNET ASSY, HEAD   | 1    |     |     |     |     |     |   |   |
| 48  | 2    | 129508-03010 | PLATE               | 1    |     |     |     |     |     |   |   |
| 49  | 3    | 119802-03070 | BAFFLE, BREATHER    | 1    |     |     |     |     |     |   |   |
| 50  | 2    | 129150-03070 | BAFFLE, BREATHER    | 1    |     |     |     |     |     |   |   |
| 51  | 2    | 129006-03120 | COVER, DIAPHRAGM    | 1    |     |     |     |     |     |   |   |
| 53  | 2    | 129508-11310 | GASKET, BONNET      | 1    |     |     |     |     |     |   |   |
| 54  | 2    | 22857-500100 | SCREW, 5X10         | 8    |     |     |     |     |     |   |   |
| 55  | 2    | 24341-000400 | O-RING, 1AS40.0     | 1    |     |     |     |     |     |   |   |
| 56  | 1    | 124160-11360 | KNOB                | 3    |     |     |     |     |     |   |   |
| 57  | 1    | 24311-000120 | O-RING, 1AP12.0     | 3    |     |     |     |     |     |   |   |
| 58  | 1    | 24311-000320 | O-RING, 1AP32.0     | 1    |     |     |     |     |     |   |   |
| 59  | 1    | 129900-07900 | LIFTER              | 2    |     |     |     |     |     |   |   |
| 60  | 1    | 26106-080162 | BOLT, M8X 16 PLATED | 4    |     |     |     |     |     |   |   |
| 61  | 1    | 129150-03090 | HOSE, ID16X2T       | 1    |     |     |     |     |     |   |   |

N:Old, New, Q:Old, R:Old, S:Old, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

++ CONTINUE ++

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Fig.4. CYLINDER HEAD & BONNET



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

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

| Q'ty | I | R |
|------|---|---|
|------|---|---|

| No. | Lev. | Parts No.    | Description  | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|--------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |              | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 62  | 1    | 119717-11800 | GUIDE, VALVE | 16   |     |     |     |     |     |   | 1 |

Fig.5. SUCTION MANIFOLD



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

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

| No. | Lev. | Parts No.    | Description         | (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|-----|------|--------------|---------------------|-----|-----|-----|-----|-----|-----|---|---|
| 1   | 1    | 129508-12110 | GASKET, MANIFOLD    | 1   |     |     |     |     |     |   |   |
| 2   | 1    | 129508-12121 | MANIFOLD, INTAKE    | 1   |     |     |     |     |     |   |   |
| 3   | 1    | 26106-080202 | BOLT, M8X 20 PLATED | 6   |     |     |     |     |     |   |   |
| 4   | 1    | 26106-080802 | BOLT, M8X 80 PLATED | 1   |     |     |     |     |     |   |   |
| 5   | 1    | 129558-12090 | HOSE, INTAKE        | 1   |     |     |     |     |     |   |   |
| 6   | 1    | 23000-048000 | CLAMP, 48           | 1   |     |     |     |     |     |   |   |
| 7   | 1    | 23000-060000 | CLAMP, 60           | 1   |     |     |     |     |     |   |   |
| 8   | 1    | 129120-77502 | HEATER              | 1   |     |     |     |     |     |   |   |
| 9   | 1    | 129150-77511 | GASKET              | 1   |     |     |     |     |     |   |   |
| 10  | 1    | 26106-080352 | BOLT, M8X 35 PLATED | 4   |     |     |     |     |     |   |   |

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.6. EXHAUST MANIFOLD

(D)=  
(E)=

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

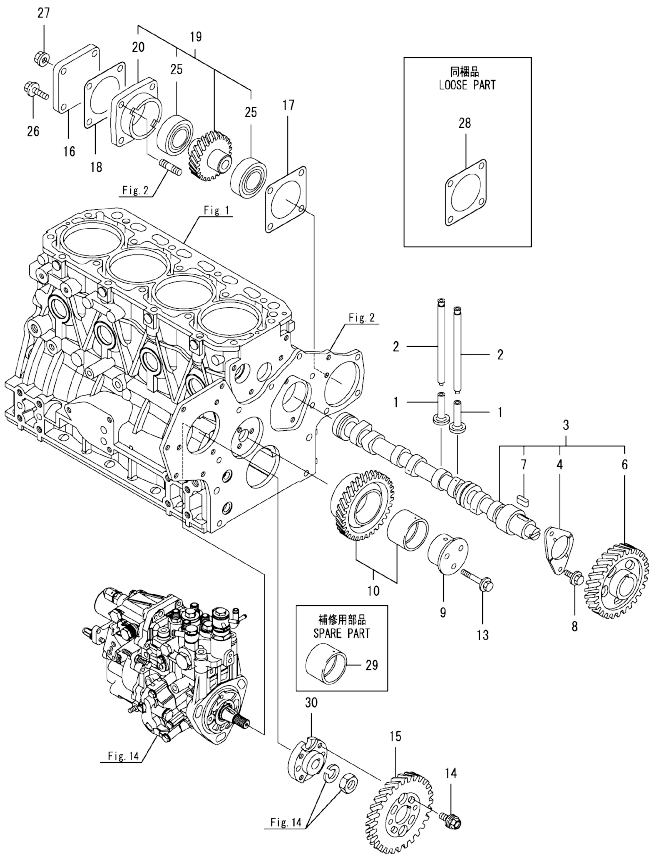
[illegible]

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

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OCD50-M01210 4TNV84T-KAT

Fig.7. CAMSHAFT & DRIVING GEAR



Remarks  
(1)Spare parts.

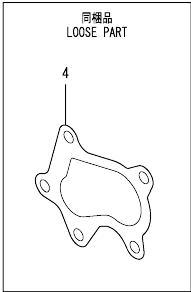
OCD50-M01210 Fig.7

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

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

| No. | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 129150-14200 | TAPPET              | 8    |     |     |     |     |     |   |   |
| 2   | 1    | 129150-14400 | ROD, PUSH L=178     | 8    |     |     |     |     |     |   |   |
| 3   | 1    | 129508-14580 | CAMSHAFT ASSY       | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 129150-02450 | BEARING, THRUST     | 1    |     |     |     |     |     |   |   |
| 6   | 2    | 129150-14101 | GEAR, CAMSHAFT      | 1    |     |     |     |     |     |   |   |
| 7   | 2    | 22512-070140 | KEY, 7X 14          | 1    |     |     |     |     |     |   |   |
| 8   | 1    | 26106-080142 | BOLT, M8X 14 PLATED | 2    |     |     |     |     |     |   |   |
| 9   | 1    | 119802-25051 | SHAFT, IDLE         | 1    |     |     |     |     |     |   |   |
| 10  | 1    | 119802-25101 | GEAR ASSY, IDLE     | 1    |     |     |     |     |     |   |   |
| 13  | 1    | 26106-080402 | BOLT, M8X 40 PLATED | 3    |     |     |     |     |     |   |   |
| 14  | 1    | 129150-25301 | BOLT                | 4    |     |     |     |     |     |   |   |
| 15  | 1    | 119802-25901 | GEAR, PUMP          | 1    |     |     |     |     |     |   |   |
| 16  | 1    | 124240-01871 | COVER               | 1    |     |     |     |     |     |   |   |
| 17  | 1    | 129150-01881 | GASKET              | 1    |     |     |     |     |     |   |   |
| 18  | 1    | 129C26-01890 | GASKET, HO-P        | 1    |     |     |     |     |     |   |   |
| 19  | 1    | 129555-26000 | DRIVE ASSY, PUMP    | 1    |     |     |     |     |     |   |   |
| 20  | 2    | 129150-26050 | BRACKET, PUMP       | 1    |     |     |     |     |     |   |   |
| 25  | 2    | 24105-060064 | BEARING, BALL 6006Z | 2    |     |     |     |     |     |   |   |
| 26  | 1    | 26106-080302 | BOLT, M8X 30 PLATED | 3    |     |     |     |     |     |   |   |
| 27  | 1    | 26306-080002 | NUT, M8             | 1    |     |     |     |     |     |   |   |
| 28  | 1    | 129150-01881 | GASKET              | 1    |     |     |     |     |     |   |   |
| 29  | 1    | 119802-25071 | BUSH, IDLE GEAR     | 1    |     |     |     |     |     |   | 1 |
| 30  | 1    | 158563-51150 | FLANGE              | 1    |     |     |     |     |     |   |   |

Fig.8. TURBINE

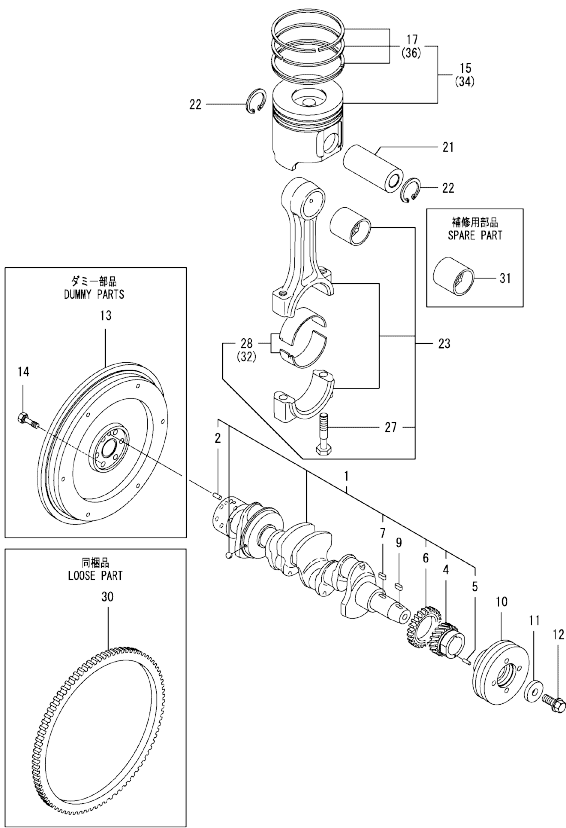


(D)=  
(E)=  
(F)=

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

N:Old  $\xrightarrow{\text{Yes}} \text{New, Q:Old} \xrightarrow{\text{No}} \text{New, R:Old} \xrightarrow{\text{Yes}} \text{New, S:Old} \xrightarrow{\text{No}} \text{New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change}$   
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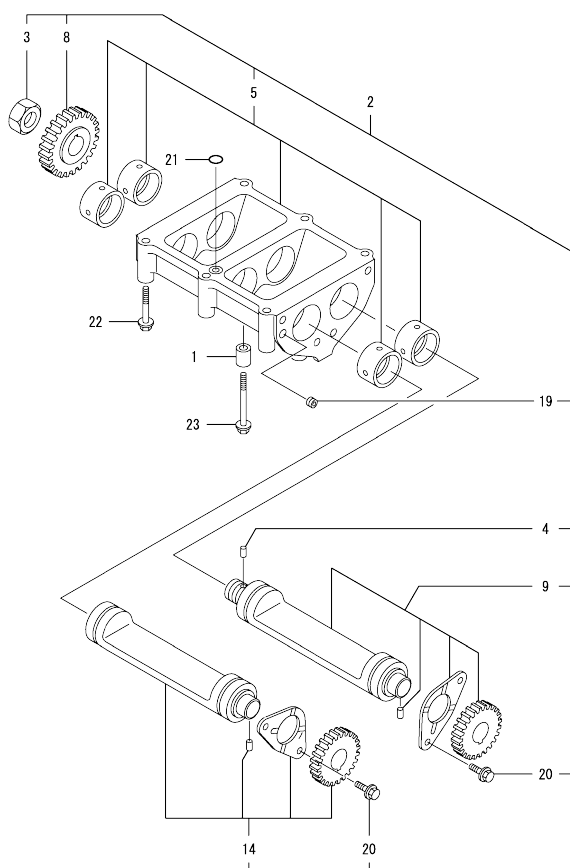
Fig.9. CRANKSHAFT & PISTON



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

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 129657-21002 | CRANKSHAFT ASSY      | 1    |     |     |     |     |     |   |   |
| 2   | 2    | 129100-01580 | PIN, 8X16            | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 119802-21202 | GEAR, CRANKSHAFT     | 1    |     |     |     |     |     |   |   |
| 5   | 2    | 121850-21290 | PIN                  | 1    |     |     |     |     |     |   |   |
| 6   | 2    | 129400-28121 | GEAR, BALANCER       | 1    |     |     |     |     |     |   |   |
| 7   | 2    | 22512-070140 | KEY, 7X 14           | 1    |     |     |     |     |     |   |   |
| 9   | 1    | 22512-070140 | KEY, 7X 14           | 1    |     |     |     |     |     |   |   |
| 10  | 1    | 119852-21650 | V-PULLEY, 120        | 1    |     |     |     |     |     |   |   |
| 11  | 1    | 129795-21661 | WASHER               | 1    |     |     |     |     |     |   |   |
| 12  | 1    | 121850-21680 | BOLT                 | 1    |     |     |     |     |     |   |   |
| 13  | 1    | 129659-21410 | FLYWHEEL             | 1    |     |     |     |     |     |   |   |
| 14  | 1    | 121111-21501 | BOLT, FLYWHEEL       | 6    |     |     |     |     |     |   |   |
| 15  | 1    | 129508-22080 | PISTON ASSY          | 4    |     |     |     |     |     |   |   |
| 17  | 2    | 129004-22500 | RING SET, PISTON     | 4    |     |     |     |     |     |   |   |
| 21  | 1    | 129202-22300 | PIN, PISTON D26 L70  | 4    |     |     |     |     |     |   |   |
| 22  | 1    | 22252-000260 | RING, 26             | 8    |     |     |     |     |     |   |   |
| 23  | 1    | 729402-23100 | ROD ASSY, CONNECTING | 4    |     |     |     |     |     |   |   |
| 27  | 2    | 121550-23200 | BOLT, CONNECTING ROD | 8    |     |     |     |     |     |   |   |
| 28  | 2    | 129150-23601 | BEARING, CRANK PIN   | 4    |     |     |     |     |     |   |   |
| 30  | 1    | 124550-21600 | GEAR, RING           | 1    |     |     |     |     |     |   |   |
| 31  | 1    | 129100-23910 | BEARING, PISTON PIN  | 4    |     |     |     |     |     |   | 1 |
| 32  | 1    | 129150-23611 | BEARING, 0.25 US     | 4    |     |     |     |     |     |   | 2 |
| 34  | 1    | 129508-22900 | PISTON ASSY, 0.25 OS | 4    |     |     |     |     |     |   | 3 |
| 36  | 2    | 129004-22950 | RING SET, 0.25 OS    | 4    |     |     |     |     |     |   | 3 |

Fig.10. BALANCER



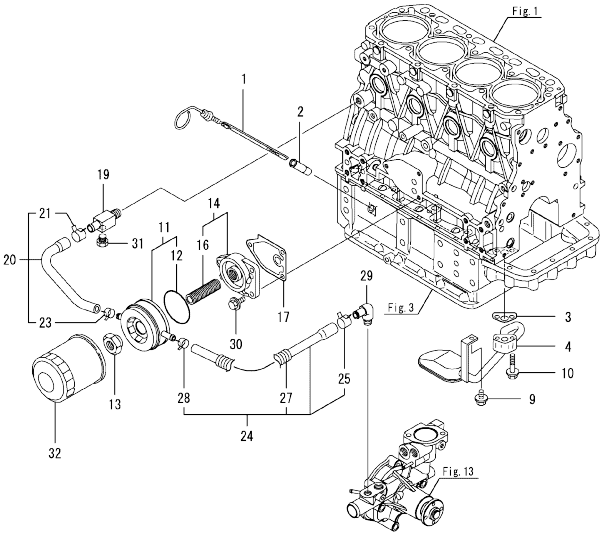
(D)=  
(E)=  
(F)=

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

| No. | Lev. | Parts No.    | Description          | (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|-----|------|--------------|----------------------|-----|-----|-----|-----|-----|-----|---|---|
| 1   | 1    | 129795-01960 | PIPE, KNOCK          | 2   |     |     |     |     |     |   |   |
| 2   | 1    | 129457-28000 | BALANCER ASSY        | 1   |     |     |     |     |     |   |   |
| 3   | 2    | 128170-14150 | NUT                  | 1   |     |     |     |     |     |   |   |
| 4   | 2    | 121850-21290 | PIN                  | 1   |     |     |     |     |     |   |   |
| 5   | 2    | 129457-28011 | CASE ASSY, BALANCER  | 1   |     |     |     |     |     |   |   |
| 8   | 2    | 129400-28150 | GEAR, BALANCER       | 1   |     |     |     |     |     |   |   |
| 9   | 2    | 729490-28510 | SHAFT ASSY, BALANCER | 1   |     |     |     |     |     |   |   |
| 14  | 2    | 729490-28520 | SHAFT ASSY, BALANCER | 1   |     |     |     |     |     |   |   |
| 19  | 2    | 23876-005000 | PLUG, R005           | 1   |     |     |     |     |     |   |   |
| 20  | 2    | 26106-080142 | BOLT, M8X 14 PLATED  | 4   |     |     |     |     |     |   |   |
| 21  | 1    | 24311-000140 | O-RING, 1AP14.0      | 1   |     |     |     |     |     |   |   |
| 22  | 1    | 26106-080602 | BOLT, M8X 60 PLATED  | 4   |     |     |     |     |     |   |   |
| 23  | 1    | 26106-080802 | BOLT, M8X 80 PLATED  | 2   |     |     |     |     |     |   |   |

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. LUB. OIL SYSTEM

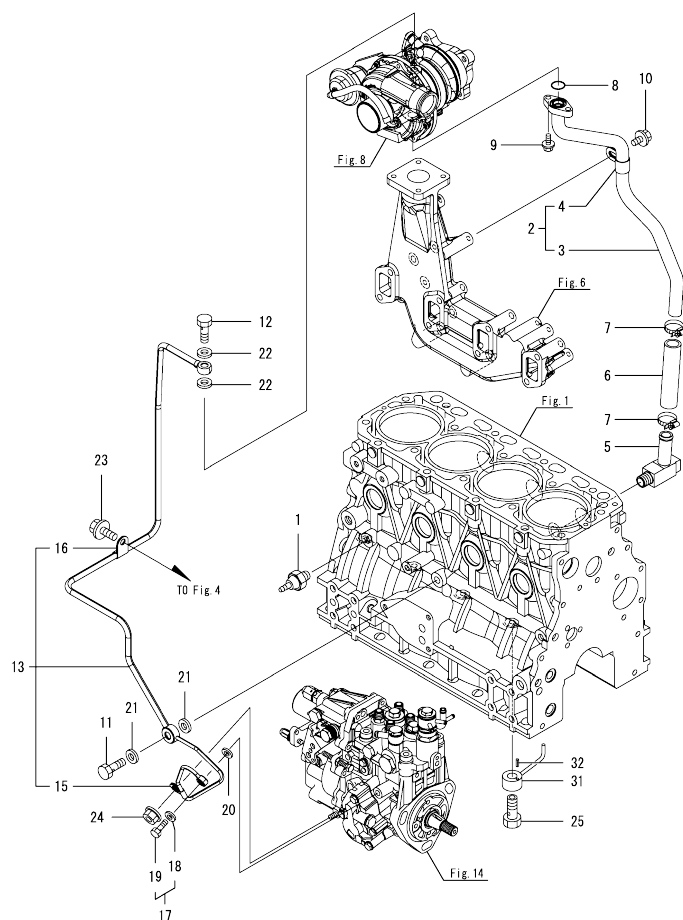


Remarks  
(1)Spare parts.

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

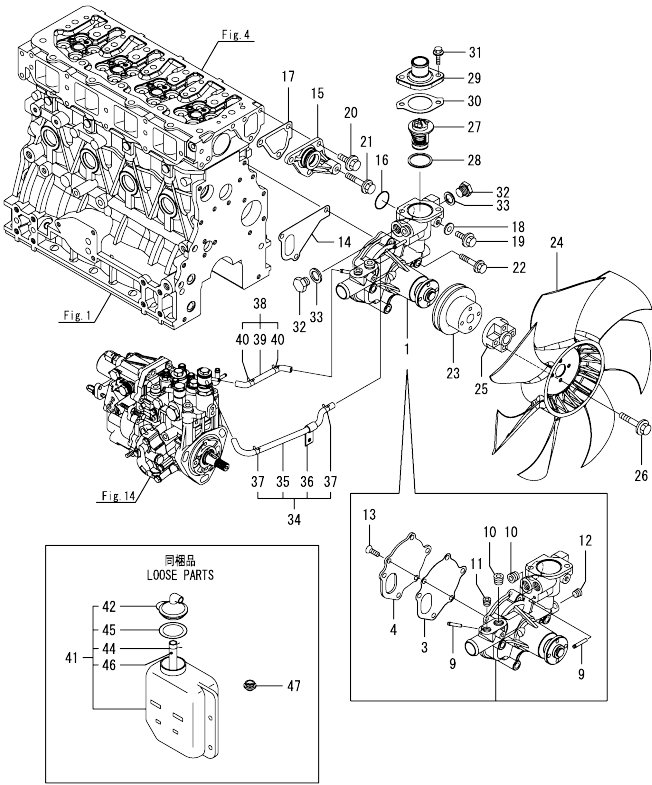
(D)=  
(E)=  
(F)=

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 129457-34800 | DIPSTICK, OIL        | 1    |     |     |     |     |     |   |   |
| 2   | 1    | 121520-34810 | GUIDE, DIPSTICK      | 1    |     |     |     |     |     |   |   |
| 3   | 1    | 129150-35042 | GASKET               | 1    |     |     |     |     |     |   |   |
| 4   | 1    | 129550-35090 | PIPE ASSY, OIL INLET | 1    |     |     |     |     |     |   |   |
| 9   | 1    | 26106-080122 | BOLT, M8X 12 PLATED  | 1    |     |     |     |     |     |   |   |
| 10  | 1    | 26106-080352 | BOLT, M8X 35 PLATED  | 2    |     |     |     |     |     |   |   |
| 11  | 1    | 129508-33031 | COOLER ASSY, OIL     | 1    |     |     |     |     |     |   |   |
| 12  | 2    | 129508-33060 | PACKING, OIL COOLER  | 1    |     |     |     |     |     |   |   |
| 13  | 1    | 129417-33111 | NUT, OIL COOLER      | 1    |     |     |     |     |     |   |   |
| 14  | 1    | 129006-35100 | BRACKET ASSY, FILTER | 1    |     |     |     |     |     |   |   |
| 16  | 2    | 129417-35150 | STUD, L=67           | 1    |     |     |     |     |     |   |   |
| 17  | 1    | 129150-35111 | GASKET               | 1    |     |     |     |     |     |   |   |
| 19  | 1    | 129006-44480 | JOINT                | 1    |     |     |     |     |     |   |   |
| 20  | 1    | 129508-49030 | PIPE ASSY, WATER     | 1    |     |     |     |     |     |   |   |
| 21  | 2    | 171008-03990 | CLIP, HOSE 18.5      | 1    |     |     |     |     |     |   |   |
| 23  | 2    | 23080-015000 | CLAMP, 15            | 1    |     |     |     |     |     |   |   |
| 24  | 1    | 129508-49040 | PIPE ASSY, WATER     | 1    |     |     |     |     |     |   |   |
| 25  | 2    | 171008-03990 | CLIP, HOSE 18.5      | 1    |     |     |     |     |     |   |   |
| 27  | 2    | 119940-59130 | TUBE, CORRUGATED     | 1    |     |     |     |     |     |   |   |
| 28  | 2    | 23080-015000 | CLAMP, 15            | 1    |     |     |     |     |     |   |   |
| 29  | 1    | 129103-49301 | ELBOW, PT1/4         | 1    |     |     |     |     |     |   |   |
| 30  | 1    | 26106-080202 | BOLT, M8X 20 PLATED  | 3    |     |     |     |     |     |   |   |
| 31  | 1    | 171056-49120 | PLUG, DRAIN          | 1    |     |     |     |     |     |   |   |
| 32  | 1    | 119005-35151 | FILTER, D80X100L     | 1    |     |     |     |     |     |   | 1 |



| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 114250-39450 | SWITCH, 0.5KG        | 1    |     |     |     |     |     |   |   |
| 2   | 1    | 129558-39610 | PIPE ASSY, LO RETURN | 1    |     |     |     |     |     |   |   |
| 3   | 2    | 129558-39640 | LO-T,T/C RETURN      | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 123910-39850 | RETAINER             | 1    |     |     |     |     |     |   |   |
| 5   | 1    | 129558-39651 | ELBOW,3/8 LO RETURN  | 1    |     |     |     |     |     |   |   |
| 6   | 1    | 123957-39671 | JOINT, PIPE          | 1    |     |     |     |     |     |   |   |
| 7   | 1    | 23000-025000 | CLAMP, 25            | 2    |     |     |     |     |     |   |   |
| 8   | 1    | 24316-000160 | O-RING, 4DP16.0      | 1    |     |     |     |     |     |   |   |
| 9   | 1    | 26106-060122 | BOLT, M6X 12 PLATED  | 2    |     |     |     |     |     |   |   |
| 10  | 1    | 26106-080122 | BOLT, M8X 12 PLATED  | 1    |     |     |     |     |     |   |   |
| 11  | 1    | 124160-39140 | BOLT, PIPE JOINT M10 | 1    |     |     |     |     |     |   |   |
| 12  | 1    | 121252-39150 | BOLT, PIPE JOINT M10 | 1    |     |     |     |     |     |   |   |
| 13  | 1    | 129558-39480 | PIPE ASSY, LUB. OIL  | 1    |     |     |     |     |     |   |   |
| 15  | 2    | 119802-39500 | RETAINER, PIPE       | 1    |     |     |     |     |     |   |   |
| 16  | 2    | 124223-39900 | RETAINER             | 1    |     |     |     |     |     |   |   |
| 17  | 1    | 129005-59830 | BOLT ASSY, JOINT M8  | 1    |     |     |     |     |     |   |   |
| 18  | 2    | 22190-080002 | WASHER, SEAL 8       | 1    |     |     |     |     |     |   |   |
| 19  | 2    | 23857-030000 | BOLT, JOINT 3        | 1    |     |     |     |     |     |   |   |
| 20  | 1    | 22190-080002 | WASHER, SEAL 8       | 1    |     |     |     |     |     |   |   |
| 21  | 1    | 22190-100002 | WASHER, SEAL 10      | 2    |     |     |     |     |     |   |   |
| 22  | 1    | 23414-100000 | GASKET, 10X1.0       | 2    |     |     |     |     |     |   |   |
| 23  | 1    | 26106-080122 | BOLT, M8X 12 PLATED  | 1    |     |     |     |     |     |   |   |
| 24  | 1    | 26366-060002 | NUT, M6              | 1    |     |     |     |     |     |   |   |
| 25  | 1    | 129792-39410 | VALVE ASSY, CHECK    | 4    |     |     |     |     |     |   |   |
| 31  | 1    | 129553-39650 | NOZZLE               | 4    |     |     |     |     |     |   |   |
| 32  | 1    | 22351-030010 | PIN, SPRING 3.0X10   | 4    |     |     |     |     |     |   |   |

Fig.13. COOLING WATER SYSTEM

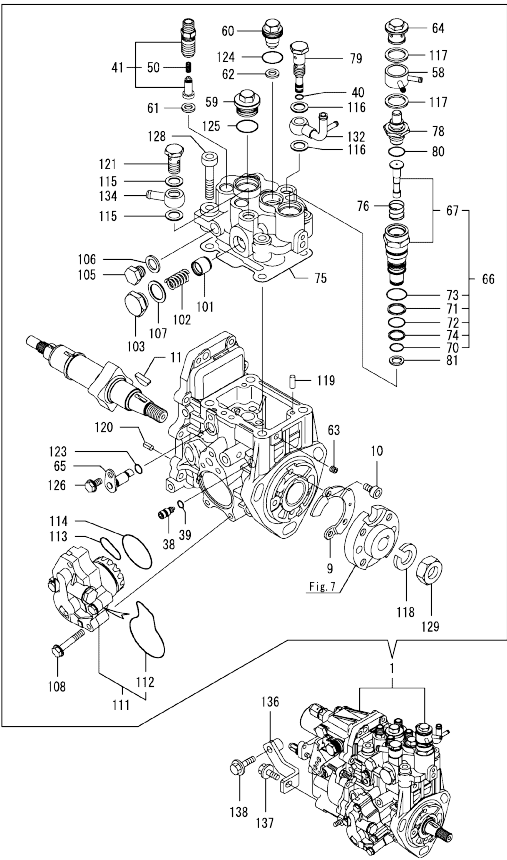


(A)=4TNV84T-KAT  
(B)=  
(C)=

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

| No. | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 129004-42001 | PUMP ASSY, WATER    | 1    |     |     |     |     |     |   |   |
| 3   | 2    | 129100-42051 | GASKET, WATER PUMP  | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 129100-42121 | PLATE               | 1    |     |     |     |     |     |   |   |
| 9   | 2    | 119802-49113 | JOINT, PIPE         | 2    |     |     |     |     |     |   |   |
| 10  | 2    | 129916-49740 | PLUG, R03           | 2    |     |     |     |     |     |   |   |
| 11  | 2    | 23875-020000 | PLUG, R02           | 1    |     |     |     |     |     |   |   |
| 12  | 2    | 23876-010000 | PLUG, R01           | 1    |     |     |     |     |     |   |   |
| 13  | 2    | 26577-060142 | SCREW M 6X 14       | 3    |     |     |     |     |     |   |   |
| 14  | 1    | 129486-42021 | GASKET, WATER PUMP  | 1    |     |     |     |     |     |   |   |
| 15  | 1    | 129004-42040 | JOINT               | 1    |     |     |     |     |     |   |   |
| 16  | 1    | 129486-42140 | O-RING, G30         | 1    |     |     |     |     |     |   |   |
| 17  | 1    | 124395-49840 | GASKET              | 1    |     |     |     |     |     |   |   |
| 18  | 1    | 23414-080000 | GASKET, 8X1.0       | 1    |     |     |     |     |     |   |   |
| 19  | 1    | 26106-080122 | BOLT, M8X 12 PLATED | 1    |     |     |     |     |     |   |   |
| 20  | 1    | 26106-080162 | BOLT, M8X 16 PLATED | 3    |     |     |     |     |     |   |   |
| 21  | 1    | 26106-080452 | BOLT, M8X 45 PLATED | 1    |     |     |     |     |     |   |   |
| 22  | 1    | 26106-080602 | BOLT, M8X 60 PLATED | 3    |     |     |     |     |     |   |   |
| 23  | 1    | 129403-42380 | V-PULLEY, D=110     | 1    |     |     |     |     |     |   |   |
| 24  | 1    | 129655-44740 | FAN, COOLING D380   | 1    |     |     |     |     |     |   |   |
| 25  | 1    | 171353-44760 | SPACER, FAN         | 1    |     |     |     |     |     |   |   |
| 26  | 1    | 26106-060402 | BOLT, M6X 40 PLATED | 4    |     |     |     |     |     |   |   |
| 27  | 1    | 129155-49801 | THERMOSTAT, 71      | 1    |     |     |     |     |     |   |   |
| 28  | 1    | 129150-49811 | GASKET, THERMOSTAT  | 1    |     |     |     |     |     |   |   |
| 29  | 1    | 129350-49530 | COVER, THERMOSTAT   | 1    |     |     |     |     |     |   |   |
| 30  | 1    | 129795-49551 | GASKET              | 1    |     |     |     |     |     |   |   |
| 31  | 1    | 26106-080222 | BOLT, M8X 22 PLATED | 2    |     |     |     |     |     |   |   |
| 32  | 1    | 121450-42450 | PLUG, M16           | 2    |     |     |     |     |     |   |   |
| 33  | 1    | 124465-44950 | GASKET, 16          | 2    |     |     |     |     |     |   |   |
| 34  | 1    | 129004-49610 | PIPE ASSY, WATER    | 1    |     |     |     |     |     |   |   |
| 35  | 2    | 129004-49711 | PIPE ASSY, WATER    | 1    |     |     |     |     |     |   |   |
| 36  | 2    | 119802-49730 | RETAINER, PIPE      | 1    |     |     |     |     |     |   |   |
| 37  | 2    | 124722-59050 | CLIP, HOSE 9        | 2    |     |     |     |     |     |   |   |
| 38  | 1    | 129004-49620 | PIPE ASSY, WATER    | 1    |     |     |     |     |     |   |   |
| 39  | 2    | 129004-49721 | PIPE ASSY, WATER    | 1    |     |     |     |     |     |   |   |
| 40  | 2    | 124722-59050 | CLIP, HOSE 9        | 2    |     |     |     |     |     |   |   |
| 41  | 1    | 121468-44520 | TANK ASSY, SUB      | 1    |     |     |     |     |     |   |   |
| 42  | 2    | 121450-44531 | CAP                 | 1    |     |     |     |     |     |   |   |
| 44  | 2    | 124450-44560 | RETAINER            | 1    |     |     |     |     |     |   |   |
| 45  | 2    | 121470-44581 | GASKET              | 1    |     |     |     |     |     |   |   |
| 46  | 2    | 23065-070130 | PIPE, 7X 130        | 1    |     |     |     |     |     |   |   |
| 47  | 1    | 119255-44660 | ABSORBER            | 2    |     |     |     |     |     |   |   |

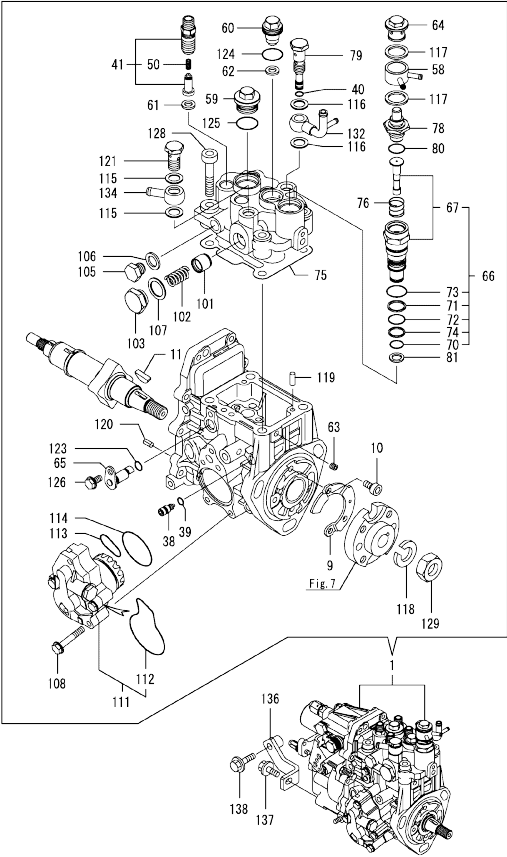
Fig.14. FUEL INJECTION PUMP



Remarks  
(1)Governor(Fig.15) is incorporated in this Fuel Injection Pump(No.1).

|     |      |              |                      |     |     |     |     |     |     | OCD50-M01210 Fig.14             |   |
|-----|------|--------------|----------------------|-----|-----|-----|-----|-----|-----|---------------------------------|---|
|     |      |              |                      |     |     |     |     |     |     | (A)=4TNV84T-KAT<br>(B)=<br>(C)= |   |
|     |      |              |                      |     |     |     |     |     |     | (D)=<br>(E)=<br>(F)=            |   |
|     |      |              |                      |     |     |     |     |     |     | Q'ty                            |   |
|     |      |              |                      |     |     |     |     |     |     | I R                             |   |
| No. | Lev. | Parts No.    | Description          | (A) | (B) | (C) | (D) | (E) | (F) |                                 |   |
| 1   | 1    | 729564-51310 | FIE ASSY             | 1   |     |     |     |     |     |                                 | 1 |
| 9   | 2    | 129008-51900 | COVER, GEAR CASE     | 1   |     |     |     |     |     |                                 |   |
| 10  | 2    | 129008-51920 | BOLT, M6X10          | 2   |     |     |     |     |     |                                 |   |
| 11  | 2    | 119802-51090 | KEY, 4X16            | 1   |     |     |     |     |     |                                 |   |
| 38  | 2    | 158600-51270 | STOPPER, TAPPET      | 1   |     |     |     |     |     |                                 |   |
| 39  | 2    | 158563-51281 | O-RING, 4D S6        | 1   |     |     |     |     |     |                                 |   |
| 40  | 2    | 158563-51281 | O-RING, 4D S6        | 1   |     |     |     |     |     |                                 |   |
| 41  | 2    | 129509-51390 | VALVE ASSY, DELIVERY | 4   |     |     |     |     |     |                                 |   |
| 50  | 3    | 158563-51330 | SPRING, DELIVERY     | 4   |     |     |     |     |     |                                 |   |
| 58  | 2    | 158553-51551 | JOINT                | 1   |     |     |     |     |     |                                 |   |
| 59  | 2    | 158601-51550 | PLUG                 | 1   |     |     |     |     |     |                                 |   |
| 60  | 2    | 119802-51560 | PLUG, BARREL         | 1   |     |     |     |     |     |                                 |   |
| 61  | 2    | 158552-51571 | GASKET               | 4   |     |     |     |     |     |                                 |   |
| 62  | 2    | 158552-51571 | GASKET               | 1   |     |     |     |     |     |                                 |   |
| 63  | 2    | 158557-51570 | PLUG                 | 1   |     |     |     |     |     |                                 |   |
| 64  | 2    | 158601-51570 | PLUG                 | 1   |     |     |     |     |     |                                 |   |
| 65  | 2    | 158552-51580 | LIFTER               | 1   |     |     |     |     |     |                                 |   |
| 66  | 2    | 119802-51590 | TIMER SET            | 1   |     |     |     |     |     |                                 |   |
| 67  | 3    | 119802-51600 | TIMER ASSY           | 1   |     |     |     |     |     |                                 |   |
| 70  | 3    | 158553-51670 | O-RING, 1011         | 1   |     |     |     |     |     |                                 |   |
| 71  | 3    | 119802-51680 | RING, BACK UP        | 1   |     |     |     |     |     |                                 |   |
| 72  | 3    | 119802-51690 | O-RING               | 1   |     |     |     |     |     |                                 |   |
| 73  | 3    | 24356-190200 | O-RING, 4D19020      | 1   |     |     |     |     |     |                                 |   |
| 74  | 3    | 24372-000150 | RING, BACK UP T2P15  | 1   |     |     |     |     |     |                                 |   |
| 75  | 2    | 158552-51600 | GASKET               | 1   |     |     |     |     |     |                                 |   |
| 76  | 2    | 158553-51630 | SPRING, TIMER        | 1   |     |     |     |     |     |                                 |   |
| 78  | 2    | 158553-51640 | ELEMENT              | 1   |     |     |     |     |     |                                 |   |
| 79  | 2    | 158601-51650 | JOINT, OVER FLOW     | 1   |     |     |     |     |     |                                 |   |
| 80  | 2    | 158553-51660 | O-RING, P14          | 1   |     |     |     |     |     |                                 |   |
| 81  | 2    | 158553-51680 | GASKET               | 1   |     |     |     |     |     |                                 |   |
| 101 | 2    | 158601-51770 | PISTON               | 1   |     |     |     |     |     |                                 |   |
| 102 | 2    | 158552-51781 | SPRING               | 1   |     |     |     |     |     |                                 |   |
| 103 | 2    | 158601-51790 | PLUG                 | 1   |     |     |     |     |     |                                 |   |
| 105 | 2    | 158553-51930 | PLUG, M12            | 1   |     |     |     |     |     |                                 |   |
| 106 | 2    | 22190-120002 | WASHER, SEAL 12      | 1   |     |     |     |     |     |                                 |   |
| 107 | 2    | 22190-180002 | WASHER, SEAL 18      | 1   |     |     |     |     |     |                                 |   |
| 108 | 2    | 158553-51770 | BOLT                 | 4   |     |     |     |     |     |                                 |   |
| 111 | 2    | 158552-52100 | PUMP ASSY, FUEL FEED | 1   |     |     |     |     |     |                                 |   |
| 112 | 3    | 158552-52500 | O-RING               | 1   |     |     |     |     |     |                                 |   |
| 113 | 2    | 158552-52311 | O-RING               | 1   |     |     |     |     |     |                                 |   |
| 114 | 2    | 158552-52400 | O-RING, 4E S42       | 1   |     |     |     |     |     |                                 |   |
| 115 | 2    | 22190-120002 | WASHER, SEAL 12      | 2   |     |     |     |     |     |                                 |   |
| 116 | 2    | 22190-120002 | WASHER, SEAL 12      | 2   |     |     |     |     |     |                                 |   |
| 117 | 2    | 22190-180002 | WASHER, SEAL 18      | 2   |     |     |     |     |     |                                 |   |
| 118 | 2    | 22217-140000 | WASHER, SPRING 14    | 1   |     |     |     |     |     |                                 |   |
| 119 | 2    | 22312-050140 | PIN, PARALLEL 5X14   | 2   |     |     |     |     |     |                                 |   |
| 120 | 2    | 22351-050010 | PIN, SPRING 5.0X10   | 2   |     |     |     |     |     |                                 |   |
| 121 | 2    | 23857-060000 | BOLT, JOINT 6        | 1   |     |     |     |     |     |                                 |   |
| 123 | 2    | 24311-000070 | O-RING, 1AP7.0       | 1   |     |     |     |     |     |                                 |   |
| 124 | 2    | 24356-190180 | O-RING, 4D19018      | 1   |     |     |     |     |     |                                 |   |
| 125 | 2    | 24356-190200 | O-RING, 4D19020      | 1   |     |     |     |     |     |                                 |   |

Fig.14. FUEL INJECTION PUMP

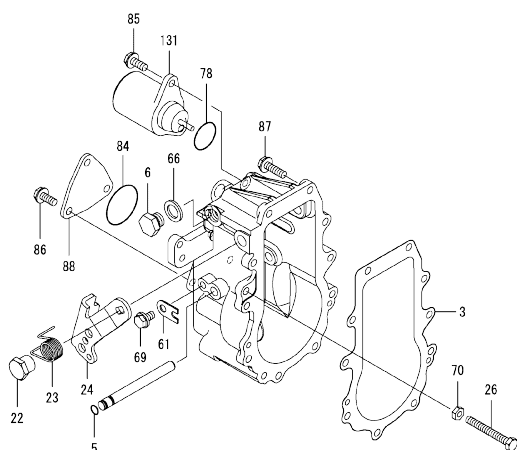


Remarks  
(1)Governor(Fig.15) is incorporated in this Fuel Injection Pump(No.1).

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

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

| No. | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 126 | 2    | 26106-060102 | BOLT, M6X 10 PLATED | 1    |     |     |     |     |     |   |   |
| 128 | 2    | 26450-080452 | BOLT, M8X 45        | 4    |     |     |     |     |     |   |   |
| 129 | 2    | 26776-140002 | NUT, LOCK M14       | 1    |     |     |     |     |     |   |   |
| 132 | 2    | 158552-51670 | JOINT, OVER FLOW    | 1    |     |     |     |     |     |   |   |
| 134 | 2    | 129916-59020 | JOINT, PIPE 12      | 1    |     |     |     |     |     |   |   |
| 136 | 1    | 129508-51250 | RETAINER, PUMP      | 1    |     |     |     |     |     |   |   |
| 137 | 1    | 26106-080202 | BOLT, M8X 20 PLATED | 1    |     |     |     |     |     |   |   |
| 138 | 1    | 26106-080302 | BOLT, M8X 30 PLATED | 1    |     |     |     |     |     |   |   |



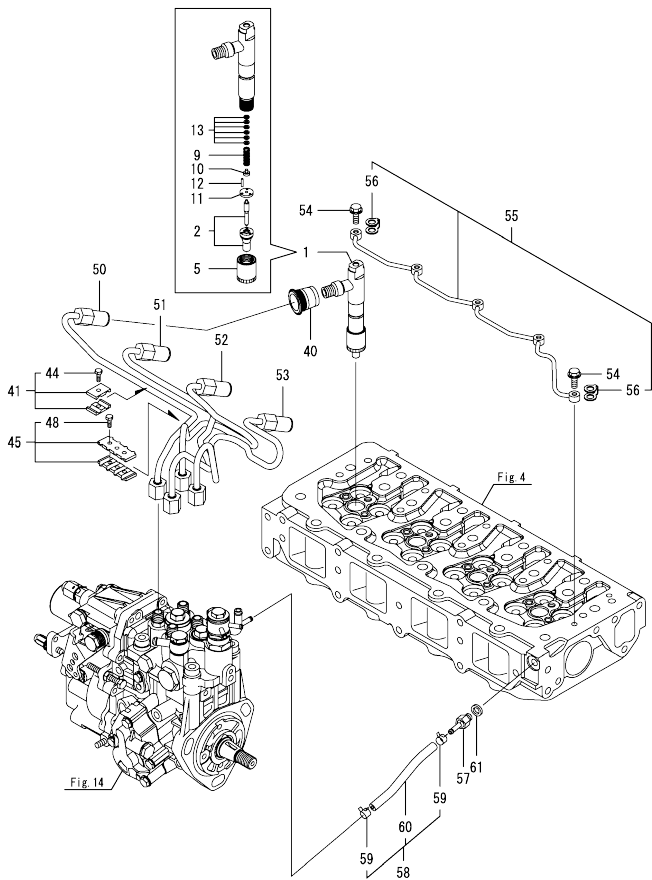
| No. | Lev. | Parts No.    | Description          | Qty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|-----|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A) | (B) | (C) | (D) | (E) | (F) |   |   |
| 3   | 2    | 158553-61050 | GASKET               | 1   |     |     |     |     |     |   |   |
| 5   | 2    | 129155-51280 | O-RING, S6           | 1   |     |     |     |     |     |   |   |
| 6   | 2    | 158553-51930 | PLUG, M12            | 1   |     |     |     |     |     |   |   |
| 22  | 2    | 129255-61410 | NUT, LOCK            | 1   |     |     |     |     |     |   |   |
| 23  | 2    | 119807-61420 | SPRING, RETURN       | 1   |     |     |     |     |     |   |   |
| 24  | 2    | 158552-61441 | LEVER, REGULATOR     | 1   |     |     |     |     |     |   |   |
| 26  | 2    | 129155-61460 | BOLT, IDLE           | 1   |     |     |     |     |     |   |   |
| 61  | 2    | 119660-61901 | RETAINER, SHAFT      | 1   |     |     |     |     |     |   |   |
| 66  | 2    | 22190-120002 | WASHER, SEAL 12      | 1   |     |     |     |     |     |   |   |
| 69  | 2    | 26106-060102 | BOLT, M6X 10 PLATED  | 1   |     |     |     |     |     |   |   |
| 70  | 2    | 26756-060002 | NUT, LOCK M6         | 1   |     |     |     |     |     |   |   |
| 78  | 2    | 158552-61900 | O-RING               | 1   |     |     |     |     |     |   |   |
| 84  | 2    | 24341-000360 | O-RING, 1AS36.0      | 1   |     |     |     |     |     |   |   |
| 85  | 2    | 26106-060142 | BOLT, M6X 14 PLATED  | 2   |     |     |     |     |     |   |   |
| 86  | 2    | 26106-060142 | BOLT, M6X 14 PLATED  | 3   |     |     |     |     |     |   |   |
| 87  | 2    | 26106-060202 | BOLT, M6X 20 PLATED  | 10  |     |     |     |     |     |   |   |
| 88  | 2    | 158563-61060 | COVER, GOVERNOR CASE | 1   |     |     |     |     |     |   |   |
| 131 | 2    | 119653-77950 | SOLENOID, STOP       | 1   |     |     |     |     |     |   |   |

Remarks

\* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.14).

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.16. FUEL INJECTION VALVE

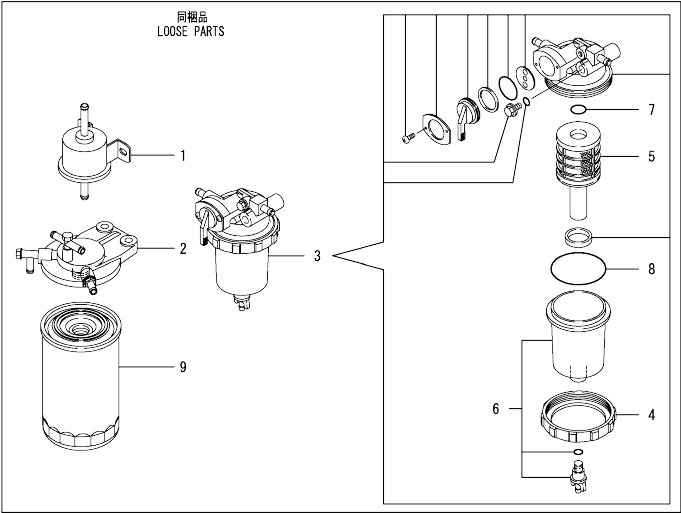


(A)=4TNV84T-KAT  
(B)=  
(C)=

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

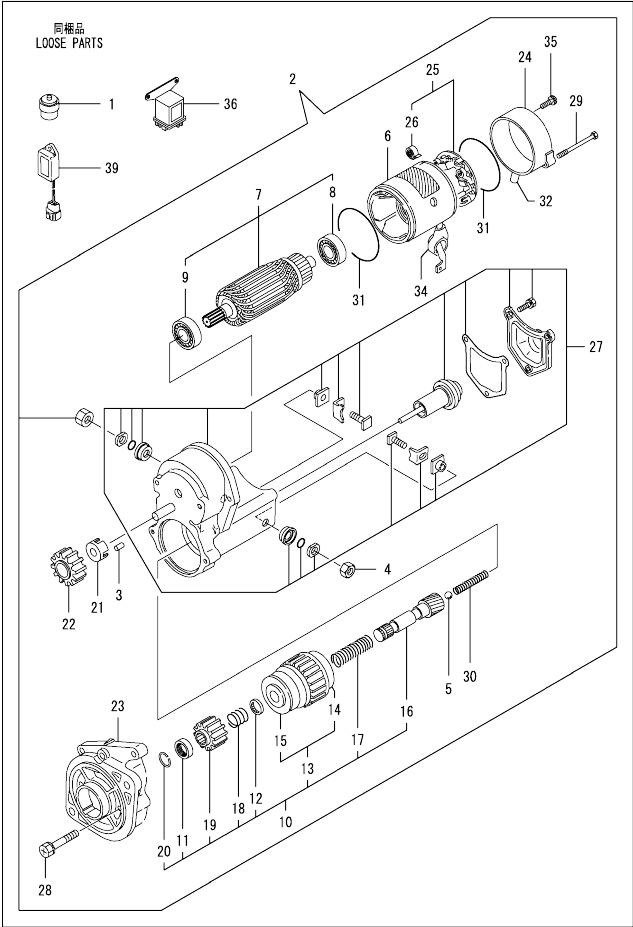
| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 729508-53100 | VALVE ASSY,INJECTION | 4    |     |     |     |     |     |   |   |
| 2   | 2    | 129508-53000 | VALVE ASSY,INJECTION | 4    |     |     |     |     |     |   |   |
| 5   | 2    | 114250-53080 | NUT, NOZZLE D16.95   | 4    |     |     |     |     |     |   |   |
| 9   | 2    | 114250-53120 | SPRING, NOZZLE       | 4    |     |     |     |     |     |   |   |
| 10  | 2    | 114250-53130 | SEAT, SPRING         | 4    |     |     |     |     |     |   |   |
| 11  | 2    | 114250-53140 | PLATE                | 4    |     |     |     |     |     |   |   |
| 12  | 2    | 114250-53210 | PIN                  | 8    |     |     |     |     |     |   |   |
| 13  | 2    | 119803-53400 | SHIM SET             | 4    |     |     |     |     |     |   |   |
| 40  | 1    | 123907-11601 | SEAL                 | 4    |     |     |     |     |     |   |   |
| 41  | 1    | 119305-59120 | RETAINER, PIPE       | 2    |     |     |     |     |     |   |   |
| 44  | 2    | 129150-59131 | BOLT, M4X14          | 2    |     |     |     |     |     |   |   |
| 45  | 1    | 129550-59120 | RETAINER, PIPE       | 1    |     |     |     |     |     |   |   |
| 48  | 2    | 129150-59131 | BOLT, M4X14          | 2    |     |     |     |     |     |   |   |
| 50  | 1    | 129508-59910 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 51  | 1    | 129508-59920 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 52  | 1    | 129508-59930 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 53  | 1    | 129508-59940 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 54  | 1    | 123907-59540 | BOLT, PIPE JOINT M6  | 5    |     |     |     |     |     |   |   |
| 55  | 1    | 129508-59550 | PIPE ASSY, RETURN    | 1    |     |     |     |     |     |   |   |
| 56  | 2    | 123907-59550 | GASKET               | 5    |     |     |     |     |     |   |   |
| 57  | 1    | 123907-59560 | JOINT                | 1    |     |     |     |     |     |   |   |
| 58  | 1    | 129508-59570 | PIPE ASSY, RETURN    | 1    |     |     |     |     |     |   |   |
| 59  | 2    | 124722-59050 | CLIP, HOSE 9         | 2    |     |     |     |     |     |   |   |
| 60  | 2    | 129508-59510 | PIPE, FUEL RETURN    | 1    |     |     |     |     |     |   |   |
| 61  | 1    | 22190-080002 | WASHER, SEAL 8       | 1    |     |     |     |     |     |   |   |

Fig.17. FUEL FILTER



|     |      |              |                      |  |  |  |  |  |  |  |  |  | OCD50-M01210    |     | Fig.17 |     |     |     |   |  |   |  |
|-----|------|--------------|----------------------|--|--|--|--|--|--|--|--|--|-----------------|-----|--------|-----|-----|-----|---|--|---|--|
|     |      |              |                      |  |  |  |  |  |  |  |  |  | (A)=4TNV84T-KAT |     | (D)=   |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  | (B)=            |     | (E)=   |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  | (C)=            |     | (F)=   |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  | Q'ty            |     |        |     |     |     | I |  | R |  |
| No. | Lev. | Parts No.    | Description          |  |  |  |  |  |  |  |  |  | (A)             | (B) | (C)    | (D) | (E) | (F) |   |  |   |  |
| 1   | 1    | 119225-52102 | PUMP ASSY, FUEL FEED |  |  |  |  |  |  |  |  |  | 1               |     |        |     |     |     |   |  |   |  |
| 2   | 1    | 129004-55612 | BRACKET, FILTER      |  |  |  |  |  |  |  |  |  | 1               |     |        |     |     |     |   |  |   |  |
| 3   | 1    | 119802-55700 | SEPARATOR ASSY       |  |  |  |  |  |  |  |  |  | 1               |     |        |     |     |     |   |  |   |  |
| 4   | 2    | 129100-55690 | RING, RETAINING      |  |  |  |  |  |  |  |  |  | 1               |     |        |     |     |     |   |  |   |  |
| 5   | 2    | 119802-55710 | ELEMENT              |  |  |  |  |  |  |  |  |  | 1               |     |        |     |     |     |   |  |   |  |
| 6   | 2    | 119802-55730 | CUP ASSY             |  |  |  |  |  |  |  |  |  | 1               |     |        |     |     |     |   |  |   |  |
| 7   | 2    | 24311-000160 | O-RING, 1AP16.0      |  |  |  |  |  |  |  |  |  | 1               |     |        |     |     |     |   |  |   |  |
| 8   | 2    | 24321-000650 | O-RING, 1AG65.0      |  |  |  |  |  |  |  |  |  | 1               |     |        |     |     |     |   |  |   |  |
| 9   | 1    | 129907-55801 | FILTER, FUEL         |  |  |  |  |  |  |  |  |  | 1               |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
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|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
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|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
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|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
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|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
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|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
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|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
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|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
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|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
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|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
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|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |
|     |      |              |                      |  |  |  |  |  |  |  |  |  |                 |     |        |     |     |     |   |  |   |  |

Fig.18. STARTER MOTOR



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

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

| No. | Lev. | Parts No.    | Description      | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                  | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 126650-12680 | INDICATOR        | 1    |     |     |     |     |     |   |   |
| 2   | 1    | 129407-77010 | STARTER, RA1.4   | 1    |     |     |     |     |     |   |   |
| 3   | 2    | X0283060061  | ROLLER           | 5    |     |     |     |     |     |   |   |
| 4   | 2    | X9490561370  | NUT              | 1    |     |     |     |     |     |   |   |
| 5   | 2    | X9491200240  | BALL             | 1    |     |     |     |     |     |   |   |
| 6   | 2    | 129407-77210 | YOKE ASSY        | 1    |     |     |     |     |     |   |   |
| 7   | 2    | 129407-77220 | ARMATURE ASSY    | 1    |     |     |     |     |     |   |   |
| 8   | 3    | 129129-77230 | BEARING, BALL    | 1    |     |     |     |     |     |   |   |
| 9   | 3    | 129129-77240 | BEARING, BALL    | 1    |     |     |     |     |     |   |   |
| 10  | 2    | 129407-77250 | STARTER          | 1    |     |     |     |     |     |   |   |
| 11  | 3    | X0280210230  | NUT              | 1    |     |     |     |     |     |   |   |
| 12  | 3    | X0283270140  | RETAINER         | 1    |     |     |     |     |     |   |   |
| 13  | 3    | 129407-77390 | CLUTCH ASSY      | 1    |     |     |     |     |     |   |   |
| 14  | 4    | 129129-77440 | BEARING, BALL    | 1    |     |     |     |     |     |   |   |
| 15  | 4    | 129129-77450 | BEARING, BALL    | 1    |     |     |     |     |     |   |   |
| 16  | 3    | 129129-77400 | SHAFT            | 1    |     |     |     |     |     |   |   |
| 17  | 3    | 129129-77410 | SPRING, COIL     | 1    |     |     |     |     |     |   |   |
| 18  | 3    | X9491703371  | SPRING, COIL     | 1    |     |     |     |     |     |   |   |
| 19  | 3    | 129129-77420 | PINION, STARTER  | 1    |     |     |     |     |     |   |   |
| 20  | 3    | 129129-77430 | RING             | 1    |     |     |     |     |     |   |   |
| 21  | 2    | 129129-77260 | RETAINER         | 1    |     |     |     |     |     |   |   |
| 22  | 2    | 129129-77270 | PINION           | 1    |     |     |     |     |     |   |   |
| 23  | 2    | 129407-77280 | HOUSING          | 1    |     |     |     |     |     |   |   |
| 24  | 2    | 129407-77290 | FRAME            | 1    |     |     |     |     |     |   |   |
| 25  | 2    | 129407-77300 | HOLDER ASSY      | 1    |     |     |     |     |     |   |   |
| 26  | 3    | X9491730461  | SPRING           | 4    |     |     |     |     |     |   |   |
| 27  | 2    | 129407-77310 | SWITCH ASSY      | 1    |     |     |     |     |     |   |   |
| 28  | 2    | 129129-77320 | BOLT             | 2    |     |     |     |     |     |   |   |
| 29  | 2    | 129407-77330 | BOLT             | 2    |     |     |     |     |     |   |   |
| 30  | 2    | 129129-77340 | SPRING           | 1    |     |     |     |     |     |   |   |
| 31  | 2    | 129129-77350 | O-RING           | 2    |     |     |     |     |     |   |   |
| 32  | 2    | 129129-77362 | COVER            | 1    |     |     |     |     |     |   |   |
| 34  | 2    | 129129-77380 | CAP              | 1    |     |     |     |     |     |   |   |
| 35  | 2    | 129129-77460 | SCREW            | 2    |     |     |     |     |     |   |   |
| 36  | 1    | 119650-77911 | RELAY ASSY, GLOW | 1    |     |     |     |     |     |   |   |
| 39  | 1    | 129211-77920 | TIMER            | 1    |     |     |     |     |     |   |   |

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| 129004-55612 | 17       | 2        |
| 129005-59830 | 12       | 17       |
| 129006-03120 | 4        | 51       |
| 129006-35100 | 11       | 14       |
| 129006-44480 | 11       | 19       |
| 129008-51900 | 14       | 9        |
| 129008-51920 | 14       | 10       |
| 129100-01580 | 1        | 30       |
|              | 3        | 11       |
|              | 9        | 2        |
| 129100-23910 | 9        | 31       |
| 129100-42051 | 13       | 3        |
| 129100-42121 | 13       | 4        |
| 129100-55690 | 17       | 4        |
| 129103-49301 | 11       | 29       |
| 129120-77502 | 5        | 8        |
| 129129-77230 | 18       | 8        |
| 129129-77240 | 18       | 9        |
| 129129-77260 | 18       | 21       |
| 129129-77270 | 18       | 22       |
| 129129-77320 | 18       | 28       |
| 129129-77340 | 18       | 30       |
| 129129-77350 | 18       | 31       |
| 129129-77362 | 18       | 32       |
| 129129-77380 | 18       | 34       |
| 129129-77400 | 18       | 16       |
| 129129-77410 | 18       | 17       |
| 129129-77420 | 18       | 19       |
| 129129-77430 | 18       | 20       |
| 129129-77440 | 18       | 14       |
| 129129-77450 | 18       | 15       |
| 129129-77460 | 18       | 35       |
| 129150-01200 | 1        | 27       |
| 129150-01580 | 2        | 8        |
| 129150-01881 | 7        | 17       |
|              | 28       |          |
| 129150-02020 | 1        | 6        |
| 129150-02450 | 7        | 4        |
| 129150-02871 | 1        | 34       |
| 129150-02931 | 1        | 23       |
| 129150-02941 | 1        | 37       |
| 129150-03070 | 4        | 50       |
| 129150-03090 | 4        | 61       |
| 129150-11230 | 4        | 8        |
|              | 12       |          |
| 129150-11750 | 4        | 10       |
|              | 14       |          |

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| 129150-11750 | 4        | 35       |
| 129150-14101 | 7        | 6        |
| 129150-14200 | 7        | 1        |
| 129150-14400 | 7        | 2        |
| 129150-23601 | 9        | 28       |
| 129150-23611 | 9        | 32       |
| 129150-25301 | 7        | 14       |
| 129150-26050 | 7        | 20       |
| 129150-35042 | 11       | 3        |
| 129150-35111 | 11       | 17       |
| 129150-49811 | 13       | 28       |
| 129150-59131 | 16       | 44       |
|              | 48       |          |
| 129150-77511 | 5        | 9        |
| 129155-49801 | 13       | 27       |
| 129155-51280 | 15       | 5        |
| 129155-61460 | 15       | 26       |
| 129202-22300 | 9        | 21       |
| 129211-77920 | 18       | 39       |
| 129255-61410 | 15       | 22       |
| 129350-49530 | 13       | 29       |
| 129400-28121 | 9        | 6        |
| 129400-28150 | 10       | 8        |
| 129403-42380 | 13       | 23       |
| 129407-77010 | 18       | 2        |
| 129407-77210 | 18       | 6        |
| 129407-77220 | 18       | 7        |
| 129407-77250 | 18       | 10       |
| 129407-77280 | 18       | 23       |
| 129407-77290 | 18       | 24       |
| 129407-77300 | 18       | 25       |
| 129407-77310 | 18       | 27       |
| 129407-77330 | 18       | 29       |
| 129407-77390 | 18       | 13       |
| 129417-33111 | 11       | 13       |
| 129417-35150 | 11       | 16       |
| 129418-18320 | 6        | 4        |
| 129418-32320 | 2        | 16       |
| 129457-28000 | 10       | 2        |
| 129457-28011 | 10       | 5        |
| 129457-34800 | 11       | 1        |
| 129486-01670 | 3        | 15       |
| 129486-42021 | 13       | 14       |
| 129486-42140 | 13       | 16       |
| 129508-01330 | 1        | 28       |
| 129508-03010 | 4        | 48       |
| 129508-11100 | 4        | 26       |
| 129508-11110 | 4        | 27       |
| 129508-11130 | 4        | 28       |
| 129508-11180 | 4        | 29       |

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| 129508-11241 | 4        | 1        |
| 129508-11250 | 4        | 2        |
| 129508-11260 | 4        | 4        |
| 129508-11270 | 4        | 5        |
| 129508-11280 | 4        | 6        |
| 129508-11310 | 4        | 53       |
| 129508-11350 | 4        | 47       |
| 129508-11650 | 4        | 7        |
| 129508-11660 | 4        | 11       |
| 129508-11700 | 4        | 18       |
| 129508-11820 | 4        | 37       |
| 129508-11900 | 4        | 40       |
| 129508-11920 | 4        | 15       |
| 129508-12110 | 5        | 1        |
| 129508-12121 | 5        | 2        |
| 129508-14580 | 7        | 3        |
| 129508-18080 | 8        | 2        |
| 129508-18090 | 8        | 4        |
| 129508-22080 | 9        | 15       |
| 129508-22900 | 9        | 34       |
| 129508-32111 | 2        | 18       |
| 129508-32120 | 2        | 19       |
| 129508-33031 | 11       | 11       |
| 129508-33060 | 11       | 12       |
| 129508-49030 | 11       | 20       |
| 129508-49040 | 11       | 24       |
| 129508-51250 | 14       | 136      |
| 129508-53000 | 16       | 2        |
| 129508-59510 | 16       | 60       |
| 129508-59550 | 16       | 55       |
| 129508-59570 | 16       | 58       |
| 129508-59910 | 16       | 50       |
| 129508-59920 | 16       | 51       |
| 129508-59930 | 16       | 52       |
| 129508-59940 | 16       | 53       |
| 129509-51390 | 14       | 41       |
| 129550-01702 | 3        | 1        |
| 129550-13110 | 6        | 1        |
| 129550-35090 | 11       | 4        |
| 129550-59120 | 16       | 45       |
| 129553-39650 | 12       | 31       |
| 129555-01750 | 3        | 6        |
| 129555-26000 | 7        | 19       |
| 129558-12090 | 5        | 5        |
| 129558-13120 | 6        | 2        |
| 129558-18010 | 8        | 1        |
| 129558-39480 | 12       | 13       |
| 129558-39610 | 12       | 2        |
| 129558-39640 | 12       | 3        |
| 129558-39651 | 12       | 5        |

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| 129648-01600 | 3        | 12       |
| 129648-01780 | 3        | 14       |
| 129655-44740 | 13       | 24       |
| 129657-21002 | 9        | 1        |
| 129659-21410 | 9        | 13       |
| 129672-11510 | 4        | 33       |
| 129792-39410 | 12       | 25       |
| 129795-01950 | 2        | 11       |
| 129795-01960 | 10       | 1        |
| 129795-02412 | 1        | 9        |
| 129795-21661 | 9        | 11       |
| 129795-49551 | 13       | 30       |
| 129900-07900 | 4        | 59       |
| 129900-32130 | 2        | 15       |
| 129907-11950 | 4        | 41       |
| 129907-55801 | 17       | 9        |
| 129916-49740 | 13       | 10       |
| 129916-59020 | 14       | 134      |
| 129C26-01890 | 2        | 29       |
|              | 7        | 18       |
| 158552-51571 | 14       | 61       |
|              |          | 62       |
| 158552-51580 | 14       | 65       |
| 158552-51600 | 14       | 75       |
| 158552-51670 | 14       | 132      |
| 158552-51781 | 14       | 102      |
| 158552-52100 | 14       | 111      |
| 158552-52311 | 14       | 113      |
| 158552-52400 | 14       | 114      |
| 158552-52500 | 14       | 112      |
| 158552-61441 | 15       | 24       |
| 158552-61900 | 15       | 78       |
| 158553-51551 | 14       | 58       |
| 158553-51630 | 14       | 76       |
| 158553-51640 | 14       | 78       |
| 158553-51660 | 14       | 80       |
| 158553-51670 | 14       | 70       |
| 158553-51680 | 14       | 81       |
| 158553-51770 | 14       | 108      |
| 158553-51930 | 14       | 105      |
|              | 15       | 6        |
| 158553-61050 | 15       | 3        |
| 158557-51570 | 14       | 63       |
| 158563-51150 | 7        | 30       |
| 158563-51281 | 14       | 39       |
|              |          | 40       |
| 158563-51330 | 14       | 50       |
| 158563-61060 | 15       | 88       |
| 158600-51270 | 14       | 38       |
| 158601-51550 | 14       | 59       |

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| 158601-51570 | 14       | 64       |
| 158601-51650 | 14       | 79       |
| 158601-51770 | 14       | 101      |
| 158601-51790 | 14       | 103      |
| 171008-03990 | 11       | 21       |
|              |          | 25       |
| 171051-01921 | 1        | 5        |
| 171056-49120 | 11       | 31       |
| 171353-44760 | 13       | 25       |
| 22190-080002 | 12       | 18       |
|              |          | 20       |
|              | 16       | 61       |
| 22190-100002 | 12       | 21       |
| 22190-120002 | 14       | 106      |
|              |          | 115      |
|              |          | 116      |
|              | 15       | 66       |
| 22190-160002 | 3        | 5        |
| 22190-180002 | 14       | 107      |
|              |          | 117      |
| 22217-140000 | 14       | 118      |
| 22252-000260 | 9        | 22       |
| 22312-050140 | 14       | 119      |
| 22351-030010 | 12       | 32       |
| 22351-050010 | 14       | 120      |
| 22351-060012 | 4        | 42       |
| 22512-070140 | 7        | 7        |
|              | 9        | 7        |
|              |          | 9        |
| 22857-500100 | 4        | 54       |
| 23000-025000 | 12       | 7        |
| 23000-048000 | 5        | 6        |
| 23000-060000 | 5        | 7        |
| 23065-070130 | 13       | 46       |
| 23080-015000 | 11       | 23       |
|              |          | 28       |
| 23414-080000 | 13       | 18       |
| 23414-100000 | 12       | 22       |
| 23857-030000 | 12       | 19       |
| 23857-060000 | 14       | 121      |
| 23875-020000 | 13       | 11       |
| 23876-005000 | 10       | 19       |
| 23876-010000 | 13       | 12       |
| 23876-020000 | 4        | 24       |
| 23876-030000 | 2        | 3        |
| 23876-040000 | 2        | 4        |
| 24105-060064 | 7        | 25       |
| 24311-000070 | 14       | 123      |
| 24311-000120 | 4        | 43       |
|              |          | 57       |

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| 24311-000140 | 10       | 21       |
| 24311-000160 | 17       | 7        |
| 24311-000320 | 2        | 22       |
|              | 4        | 58       |
| 24316-000160 | 12       | 8        |
| 24321-000650 | 17       | 8        |
| 24341-000240 | 2        | 32       |
| 24341-000360 | 15       | 84       |
| 24341-000400 | 4        | 55       |
| 24356-190180 | 14       | 124      |
| 24356-190200 | 14       | 73       |
|              |          | 125      |
| 24372-000150 | 14       | 74       |
| 26106-060102 | 14       | 126      |
|              | 15       | 69       |
| 26106-060122 | 12       | 9        |
| 26106-060142 | 15       | 85       |
|              |          | 86       |
| 26106-060162 | 2        | 33       |
| 26106-060202 | 15       | 87       |
| 26106-060402 | 13       | 26       |
| 26106-080122 | 2        | 30       |
|              | 3        | 7        |
|              |          | 11       |
|              | 12       | 10       |
|              |          | 23       |
|              | 13       | 19       |
| 26106-080142 | 7        | 8        |
|              | 10       | 20       |
| 26106-080162 | 2        | 23       |
|              |          | 24       |
|              | 4        | 60       |
|              | 13       | 20       |
| 26106-080202 | 5        | 3        |
|              | 11       | 30       |
|              | 14       | 137      |
| 26106-080222 | 13       | 31       |
| 26106-080252 | 4        | 44       |
| 26106-080302 | 7        | 26       |
|              | 14       | 138      |
| 26106-080352 | 5        | 10       |
|              | 11       | 10       |
| 26106-080402 | 7        | 13       |
| 26106-080452 | 13       | 21       |
| 26106-080502 | 3        | 8        |
|              | 4        | 45       |
| 26106-080552 | 2        | 25       |
| 26106-080602 | 10       | 22       |
|              | 13       | 22       |
| 26106-080802 | 5        | 4        |

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| 26106-080802 | 10       | 23       |
| 26106-080852 | 2        | 26       |
| 26106-081002 | 3        | 9        |
| 26106-081202 | 3        | 10       |
| 26226-080352 | 4        | 16       |
| 26306-080002 | 2        | 27       |
|              | 7        | 27       |
|              | 8        | 3        |
| 26366-060002 | 12       | 24       |
| 26450-080452 | 14       | 128      |
| 26577-060142 | 13       | 13       |
| 26756-060002 | 15       | 70       |
| 26776-140002 | 14       | 129      |
| 27241-120000 | 1        | 13       |
| 27241-300000 | 1        | 10       |
| 27241-400000 | 4        | 25       |
| 729402-23100 | 9        | 23       |
| 729429-01721 | 3        | 2        |
| 729490-28510 | 10       | 9        |
| 729490-28520 | 10       | 14       |
| 729508-01510 | 2        | 1        |
| 729508-01570 | 1        | 1        |
| 729508-53100 | 16       | 1        |
| 729564-51310 | 14       | 1        |
| X0280210230  | 18       | 11       |
| X0283060061  | 18       | 3        |
| X0283270140  | 18       | 12       |
| X9490561370  | 18       | 4        |
| X9491200240  | 18       | 5        |
| X9491703371  | 18       | 18       |
| X9491730461  | 18       | 26       |

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