

0CW10-M22001EN

# P R E F A C E

1. This parts catalog is the 2nd edition of 4TNV94L-XDBKC for DOOSAN INFRACORE.

Pub.No. : 0CW10-G22001

Published : July, 2012

2. Model name

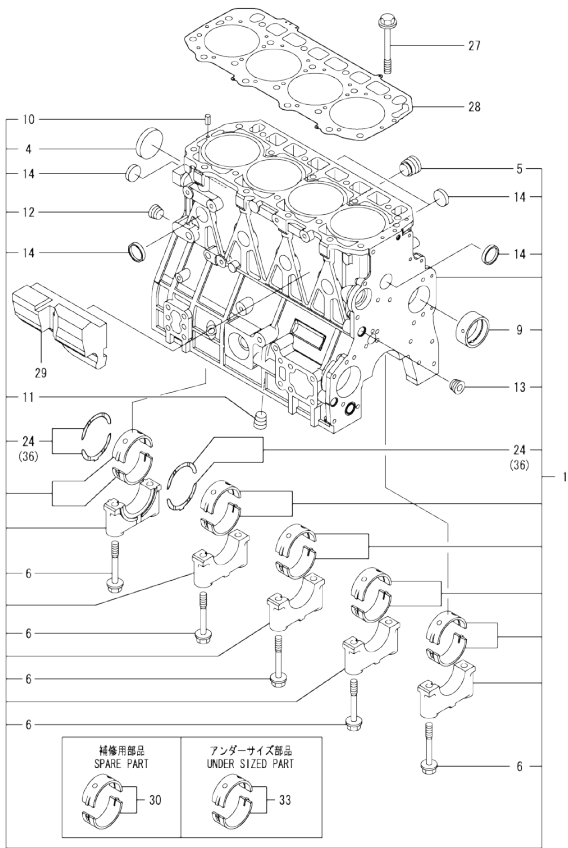
| Engine model  | Vehicle   | Vehicle made by     |
|---------------|-----------|---------------------|
| 4TNV94L-XDBKC | EXCAVATOR | DOOSAN<br>INFRACORE |

Contents

0CW10-M22001

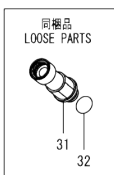
| Fig. No.      | Fig. Name                   | Fig. No. | Fig. Name |
|---------------|-----------------------------|----------|-----------|
| 4TNV94L-XDBKC |                             |          |           |
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0CW10-M22001 4TNV94L-XDBKC  
Fig.1. CYLINDER BLOCK



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

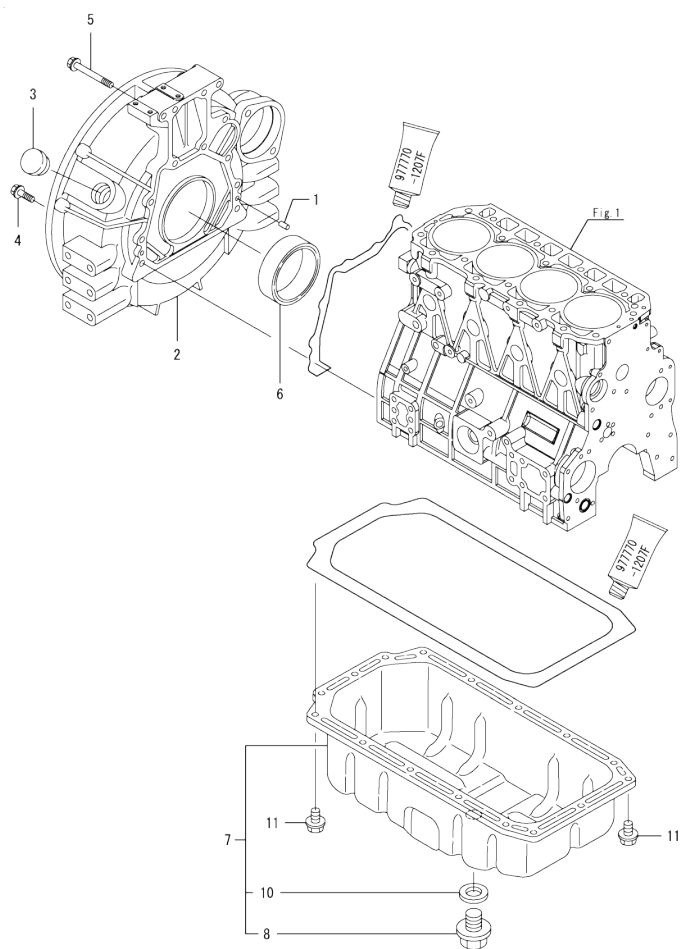
| 0CW10-M22001 Fig.1 |      |              |                      |                   |      |     |     |     |     |     |
|--------------------|------|--------------|----------------------|-------------------|------|-----|-----|-----|-----|-----|
|                    |      |              |                      | (A)=4TNV94L-XDBKC |      |     |     |     |     |     |
|                    |      |              |                      | (B)=              |      |     |     |     |     |     |
|                    |      |              |                      | (C)=              |      |     |     |     |     |     |
|                    |      |              |                      |                   | (D)= |     |     |     |     |     |
|                    |      |              |                      |                   | (E)= |     |     |     |     |     |
|                    |      |              |                      |                   | (F)= |     |     |     |     |     |
|                    |      |              |                      |                   | Q'ty |     |     |     |     |     |
| No.                | Lev. | Parts No.    | Description          | (A)               | (B)  | (C) | (D) | (E) | (F) | I R |
| 1                  | 1    | 729906-01561 | BLOCK ASSY, CYLINDER | 1                 |      |     |     |     |     |     |
| 4                  | 2    | 129900-01250 | PLUG, DISH TYPE 55   | 1                 |      |     |     |     |     |     |
| 5                  | 2    | 171051-01921 | PLUG, NPTF1          | 1                 |      |     |     |     |     |     |
| 6                  | 2    | 129900-02020 | BOLT, METAL CAP      | 10                |      |     |     |     |     |     |
| 9                  | 2    | 129900-02410 | BUSH, CAMSHAFT       | 1                 |      |     |     |     |     |     |
| 10                 | 2    | 22351-060012 | PIN, SPRING 6.0X12   | 2                 |      |     |     |     |     |     |
| 11                 | 2    | 23876-030000 | PLUG, R03            | 1                 |      |     |     |     |     |     |
| 12                 | 2    | 23876-030000 | PLUG, R03            | 1                 |      |     |     |     |     |     |
| 13                 | 2    | 23876-030000 | PLUG, R03            | 1                 |      |     |     |     |     |     |
| 14                 | 2    | 27241-300000 | PLUG 30              | 8                 |      |     |     |     |     |     |
| 24                 | 2    | 129900-02931 | BEARING ASSY, THRUST | 2                 |      |     |     |     |     |     |
| 27                 | 1    | 129900-01200 | BOLT, CYLINDER HEAD  | 18                |      |     |     |     |     |     |
| 28                 | 1    | 129906-01340 | GASKET, HEAD         | 1                 |      |     |     |     |     |     |
| 28-1               | 1    | 129907-01331 | GASKET, HEAD         | 1                 |      |     |     |     |     | N   |
| (A=E76178)         |      |              |                      |                   |      |     |     |     |     |     |
| 28-2               | 1    | 129906-01350 | GASKET, HEAD         | 1                 |      |     |     |     |     | N   |
| (A=E77028)         |      |              |                      |                   |      |     |     |     |     |     |
| 29                 | 1    | 129907-01190 | SPACER               | 1                 |      |     |     |     |     |     |
| 30                 | 1    | 729900-02801 | BEARING, MAIN        | 5                 |      |     |     |     |     | 1   |
| 33                 | 1    | 129900-02341 | BEARING ASSY, MAIN   | 5                 |      |     |     |     |     | 2   |
| 36                 | 1    | 129900-02941 | BEARING, THRUST 0.25 | 2                 |      |     |     |     |     | 3   |



| No.  | Lev. | Parts No.                  | Description          | (A) | (B) | (C) | (D) | (E) | (F) | I R |
|------|------|----------------------------|----------------------|-----|-----|-----|-----|-----|-----|-----|
| 1    | 1    | 729907-01559               | COVER ASSY,GEAR CASE | 1   |     |     |     |     |     |     |
| 3    | 2    | 129916-01800               | SEAL, OIL            | 1   |     |     |     |     |     |     |
| 4    | 1    | 129100-01580               | PIN, PARALLEL 8X16   | 4   |     |     |     |     |     |     |
| 5    | 1    | 129951-01740               | COVER                | 1   |     |     |     |     |     |     |
| 7    | 1    | 129907-01500               | CASE, GEAR           | 1   |     |     |     |     |     |     |
| 8    | 1    | 129900-32001               | PUMP ASSY, OIL       | 1   |     |     |     |     |     |     |
| 9    | 1    | 26216-100302               | STUD, M10X 30        | 4   |     |     |     |     |     |     |
| 10   | 1    | 129900-32030               | O-RING, P20          | 1   |     |     |     |     |     |     |
| 11   | 1    | 129900-32040               | O-RING, P14          | 1   |     |     |     |     |     |     |
| 11A  | 1    | 129927-42140<br>(A=EG0175) | GASKET, PUMP OUTLET  | 1   |     |     |     |     |     | W   |
| 12   | 1    | 129001-91810               | BOLT, M8X70          | 6   |     |     |     |     |     |     |
| 12-1 | 1    | 26106-080702               | BOLT, M8X 70 PLATED  | 6   |     |     |     |     |     | R   |
| 13   | 1    | 129001-91810<br>(A=EXXXXX) | BOLT, M8X70          | 1   |     |     |     |     |     |     |
| 13-1 | 1    | 26106-080702<br>(A=EXXXXX) | BOLT, M8X 70 PLATED  | 1   |     |     |     |     |     | R   |
| 13-2 | 1    | 26106-080752<br>(A=EXXXXX) | BOLT, M8X 75 PLATED  | 1   |     |     |     |     |     | N   |
| 14   | 1    | 24311-000070               | O-RING, 1AP7.0       | 1   |     |     |     |     |     |     |
| 15   | 1    | 24351-030750               | O-RING, 1A3075       | 1   |     |     |     |     |     |     |
| 16   | 1    | 26106-080162               | BOLT, M8X 16 PLATED  | 1   |     |     |     |     |     |     |
| 16-1 | 1    | 26106-080202<br>(A=EXXXXX) | BOLT, M8X 20 PLATED  | 1   |     |     |     |     |     | N   |
| 17   | 1    | 26106-080162               | BOLT, M8X 16 PLATED  | 1   |     |     |     |     |     |     |
| 18   | 1    | 26106-080202               | BOLT, M8X 20 PLATED  | 3   |     |     |     |     |     |     |
| 19   | 1    | 26106-080402               | BOLT, M8X 40 PLATED  | 5   |     |     |     |     |     |     |
| 20   | 1    | 26106-080402               | BOLT, M8X 40 PLATED  | 5   |     |     |     |     |     |     |
| 20-1 | 1    | 26106-080452<br>(A=EXXXXX) | BOLT, M8X 45 PLATED  | 5   |     |     |     |     |     | N   |
| 21   | 1    | 26106-080452               | BOLT, M8X 45 PLATED  | 3   |     |     |     |     |     |     |
| 22   | 1    | 26306-100002               | NUT, M10             | 4   |     |     |     |     |     |     |
| 23   | 1    | 124160-01751               | CAP, FILLER          | 1   |     |     |     |     |     |     |
| 24   | 1    | 24311-000320               | O-RING, 1AP32.0      | 1   |     |     |     |     |     |     |
| 25   | 1    | 124240-01871               | COVER, PUMP          | 1   |     |     |     |     |     |     |
| 26   | 1    | 124240-01883               | GASKET               | 1   |     |     |     |     |     |     |
| 26-1 | 1    | 129C26-01890<br>(A=ED2538) | GASKET, HO-P         | 1   |     |     |     |     |     | R   |
| 27   | 1    | 26106-080162               | BOLT, M8X 16 PLATED  | 4   |     |     |     |     |     |     |
| 28   | 1    | 129900-01850               | COVER ASSY,GEAR CASE | 1   |     |     |     |     |     |     |
| 29   | 2    | 129900-01870               | SPONGE, GEAR CASE    | 1   |     |     |     |     |     |     |
| 30   | 1    | 26106-080162               | BOLT, M8X 16 PLATED  | 3   |     |     |     |     |     |     |
| 31   | 1    | 171031-11741<br>(A=E76178) | PIPE                 | 1   |     |     |     |     |     | Z   |
| 32   | 1    | 24311-000320<br>(A=E76178) | O-RING, 1AP32.0      | 1   |     |     |     |     |     | Z   |
| 33   | 1    | 171031-11741<br>(A=E76178) | PIPE                 | 1   |     |     |     |     |     | W   |
| 34   | 1    | 24311-000320<br>(A=E76178) | O-RING, 1AP32.0      | 1   |     |     |     |     |     | W   |

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.3. FLYWHEEL HOUSING & OIL SUMP



0CW10-M22001 Fig.3

(A)=4TNV94L-XDBKC  
(B)=  
(C)=

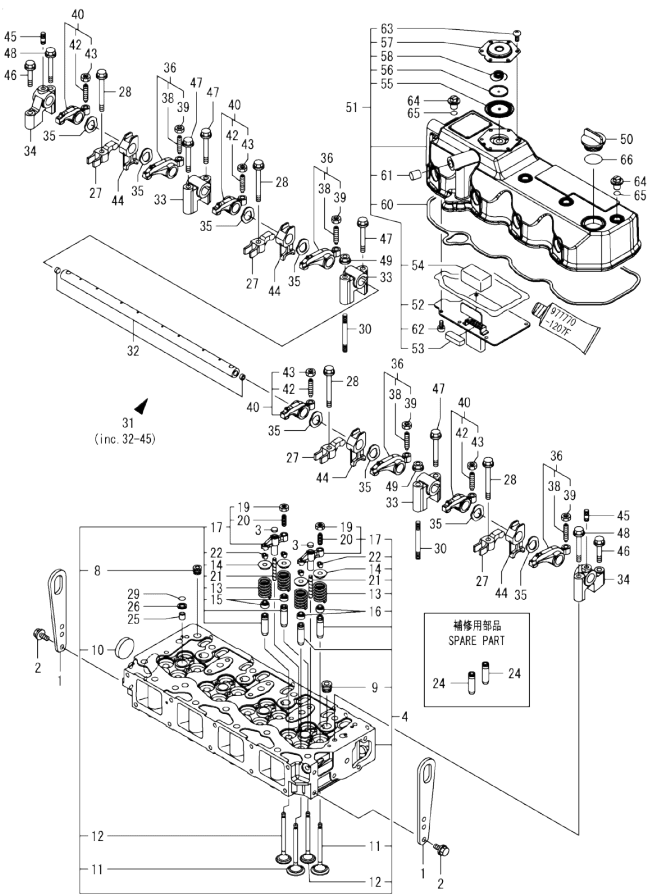
(D)=  
(E)=  
(F)=

| No. | Lev. | Parts No.    | Description          | (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|-----|------|--------------|----------------------|-----|-----|-----|-----|-----|-----|---|---|
| 1   | 1    | 129100-01580 | PIN, PARALLEL 8X16   | 2   |     |     |     |     |     |   |   |
| 2   | 1    | 129981-01600 | HOUSING, FLYWHEEL    | 1   |     |     |     |     |     |   |   |
| 3   | 1    | 119620-01750 | CAP                  | 1   |     |     |     |     |     |   |   |
| 4   | 1    | 26206-100352 | BOLT, M10X 35 PLATED | 9   |     |     |     |     |     |   |   |
| 5   | 1    | 26206-100702 | BOLT, M10X 70 PLATED | 4   |     |     |     |     |     |   |   |
| 6   | 1    | 129916-01790 | SEAL, D115/95XT11    | 1   |     |     |     |     |     |   |   |
| 7   | 1    | 129916-01710 | OIL PAN ASSY         | 1   |     |     |     |     |     |   |   |
| 8   | 2    | 119640-01640 | PLUG, DRAIN M22      | 1   |     |     |     |     |     |   |   |
| 10  | 2    | 22190-220002 | WASHER, SEAL 22      | 1   |     |     |     |     |     |   |   |
| 11  | 1    | 26106-080122 | BOLT, M8X 12 PLATED  | 16  |     |     |     |     |     |   |   |

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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0CW10-M22001 4TNV94L-XDBKC

Fig.4. CYLINDER HEAD & BONNET



Remarks  
(1)Spare part.

0CW10-M22001 Fig.4

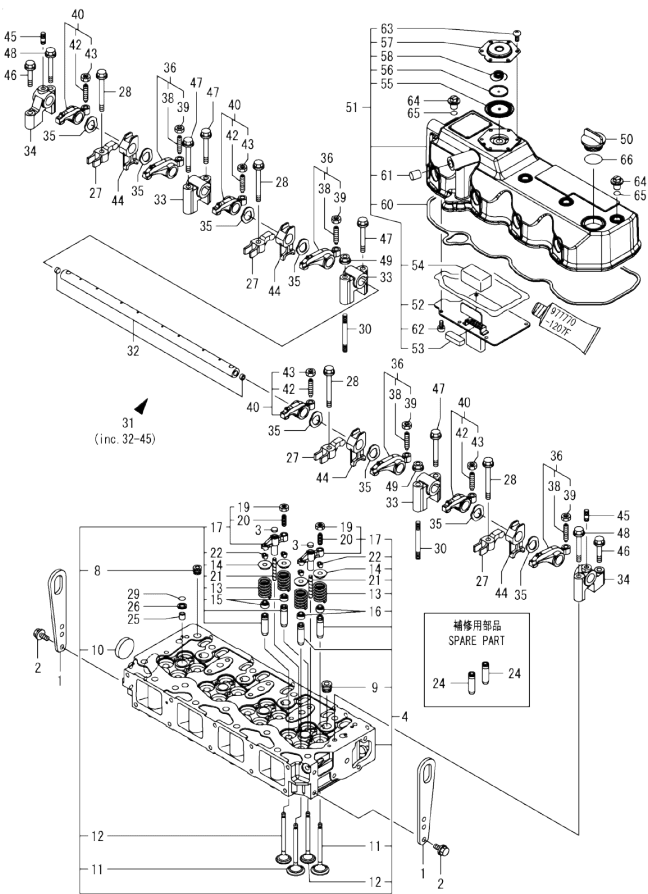
(A)=4TNV94L-XDBKC  
(B)=  
(C)=

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

| No. | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 129900-07900 | LIFTER, ENGINE      | 2    |     |     |     |     |     |   |   |
| 2   | 1    | 26106-080162 | BOLT, M8X 16 PLATED | 4    |     |     |     |     |     |   |   |
| 3   | 1    | 123907-11550 | SEAT, VALVE BRIDGE  | 8    |     |     |     |     |     |   |   |
| 4   | 1    | 129907-11700 | HEAD ASSY, CYLINDER | 1    |     |     |     |     |     |   |   |
| 8   | 2    | 23876-020000 | PLUG, R02           | 1    |     |     |     |     |     |   |   |
| 9   | 2    | 23876-030000 | PLUG, R03           | 4    |     |     |     |     |     |   |   |
| 10  | 2    | 27241-400000 | PLUG, 40            | 1    |     |     |     |     |     |   |   |
| 11  | 2    | 129907-11100 | VALVE, SUCTION      | 8    |     |     |     |     |     |   |   |
| 12  | 2    | 129907-11110 | VALVE, EXHAUST      | 8    |     |     |     |     |     |   |   |
| 13  | 2    | 129907-11120 | SPRING, VALVE       | 16   |     |     |     |     |     |   |   |
| 14  | 2    | 119620-11180 | RETAINER, SPRING    | 16   |     |     |     |     |     |   |   |
| 15  | 2    | 119803-11340 | SEAL, VALVE STEM    | 8    |     |     |     |     |     |   |   |
| 16  | 2    | 124160-11340 | SEAL, VALVE STEM    | 8    |     |     |     |     |     |   |   |
| 17  | 2    | 129907-11510 | BRIDGE ASSY, VALVE  | 8    |     |     |     |     |     |   |   |
| 19  | 3    | 129150-11750 | NUT, M8             | 8    |     |     |     |     |     |   |   |
| 20  | 3    | 123907-11830 | ADJUSTER            | 8    |     |     |     |     |     |   |   |
| 21  | 2    | 123907-11820 | GUIDE, BRIDGE       | 8    |     |     |     |     |     |   |   |
| 22  | 2    | 27310-070001 | COTTER, 7           | 16   |     |     |     |     |     |   |   |
| 24  | 1    | 129907-11800 | GUIDE, VALVE        | 16   |     |     |     |     |     |   | 1 |
| 25  | 1    | 119802-11870 | PROTECTOR, NOZZLE   | 4    |     |     |     |     |     |   |   |
| 26  | 1    | 119625-11880 | SEAT, NOZZLE        | 4    |     |     |     |     |     |   |   |
| 27  | 1    | 129907-11910 | RETAINER, NOZZLE    | 4    |     |     |     |     |     |   |   |
| 28  | 1    | 129907-11950 | BOLT, M8X75         | 4    |     |     |     |     |     |   |   |
| 29  | 1    | 24311-000120 | O-RING, 1AP12.0     | 4    |     |     |     |     |     |   |   |
| 30  | 1    | 119593-11301 | BOLT, STUD M8X80    | 2    |     |     |     |     |     |   |   |
| 31  | 1    | 129907-11341 | SHAFT ASSY, ROCKER  | 1    |     |     |     |     |     |   |   |
| 32  | 2    | 129907-11250 | SHAFT, ROCKER ARM   | 1    |     |     |     |     |     |   |   |
| 33  | 2    | 129907-11260 | SUPPORT, ROCKER ARM | 3    |     |     |     |     |     |   |   |
| 34  | 2    | 129907-11270 | SUPPORT, ROCKER ARM | 2    |     |     |     |     |     |   |   |
| 35  | 2    | 123907-11280 | WASHER              | 8    |     |     |     |     |     |   |   |
| 36  | 2    | 129907-11650 | ARM ASSY, ROCKER    | 4    |     |     |     |     |     |   |   |
| 38  | 3    | 129150-11230 | SCREW, VALVE ADJUST | 4    |     |     |     |     |     |   |   |
| 39  | 3    | 129150-11750 | NUT, M8             | 4    |     |     |     |     |     |   |   |
| 40  | 2    | 129907-11660 | ARM ASSY, ROCKER    | 4    |     |     |     |     |     |   |   |
| 42  | 3    | 129150-11230 | SCREW, VALVE ADJUST | 4    |     |     |     |     |     |   |   |
| 43  | 3    | 129150-11750 | NUT, M8             | 4    |     |     |     |     |     |   |   |
| 44  | 2    | 129907-11920 | RETAINER, NOZZLE    | 4    |     |     |     |     |     |   |   |
| 45  | 2    | 26226-080222 | STUD, M8X 22        | 2    |     |     |     |     |     |   |   |
| 46  | 1    | 26106-080402 | BOLT, M8X 40 PLATED | 2    |     |     |     |     |     |   |   |
| 47  | 1    | 26106-080602 | BOLT, M8X 60 PLATED | 4    |     |     |     |     |     |   |   |
| 48  | 1    | 26106-080602 | BOLT, M8X 60 PLATED | 2    |     |     |     |     |     |   |   |
| 49  | 1    | 26306-080002 | NUT, M8             | 2    |     |     |     |     |     |   |   |
| 50  | 1    | 124160-01751 | CAP, FILLER         | 1    |     |     |     |     |     |   |   |
| 51  | 1    | 129907-11321 | BONNET ASSY, HEAD   | 1    |     |     |     |     |     |   |   |
| 52  | 2    | 129907-03011 | PLATE, BAFFLE       | 1    |     |     |     |     |     |   |   |
| 53  | 2    | 129907-03061 | BAFFLE, BREATHER    | 1    |     |     |     |     |     |   |   |
| 54  | 2    | 129907-03070 | BAFFLE, BREATHER    | 1    |     |     |     |     |     |   |   |
| 55  | 2    | 123907-03100 | DIAPHRAGM           | 1    |     |     |     |     |     |   |   |
| 56  | 2    | 123907-03110 | PLATE               | 1    |     |     |     |     |     |   |   |
| 57  | 2    | 123907-03120 | PLATE, BREATHER     | 1    |     |     |     |     |     |   |   |
| 58  | 2    | 123907-03140 | SPRING, DIAPHRAGM   | 1    |     |     |     |     |     |   |   |

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



Remarks  
(1)Spare part.

(A)=4TNV94L-XDBKC  
(B)=  
(C)=

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

| No.        | Lev. | Parts No.    | Description     | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|-----------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                 | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 60         | 2    | 129907-11310 | GASKET, BONNET  | 1    |     |     |     |     |     |   |   |
| 60-1       | 2    | 129933-11310 | GASKET, BONNET  | 1    |     |     |     |     |     |   | N |
| (A=E42584) |      |              |                 |      |     |     |     |     |     |   |   |
| 61         | 2    | 119640-61400 | PLUG            | 1    |     |     |     |     |     |   |   |
| 62         | 2    | 22857-500100 | SCREW, 5X10     | 6    |     |     |     |     |     |   |   |
| 63         | 2    | 22857-500100 | SCREW, 5X10     | 6    |     |     |     |     |     |   |   |
| 64         | 1    | 124160-11360 | KNOB            | 4    |     |     |     |     |     |   |   |
| 65         | 1    | 24311-000120 | O-RING, 1AP12.0 | 4    |     |     |     |     |     |   |   |
| 66         | 1    | 24311-000320 | O-RING, 1AP32.0 | 1    |     |     |     |     |     |   |   |

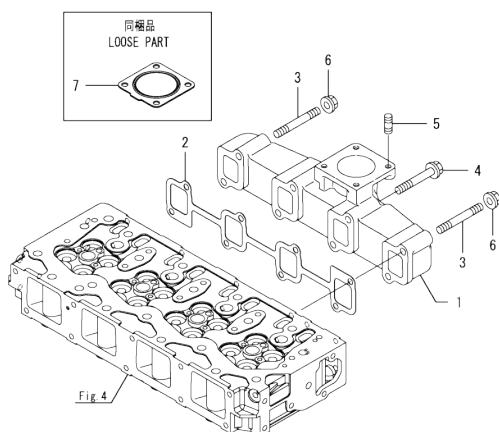
Fig.5. SUCTION MANIFOLD



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

[illegible]

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



| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 129900-13200 | MANIFOLD, EXHAUST    | 1    |     |     |     |     |     |   |   |
| 2   | 1    | 129900-13251 | GASKET, EXH.MANIFOLD | 1    |     |     |     |     |     |   |   |
| 3   | 1    | 123900-13610 | BOLT, STUD M8X80     | 2    |     |     |     |     |     |   |   |
| 4   | 1    | 123900-13630 | BOLT, M8X80          | 6    |     |     |     |     |     |   |   |
| 5   | 1    | 119131-18320 | BOLT, STUD M8X22     | 4    |     |     |     |     |     |   |   |
| 6   | 1    | 26306-080002 | NUT, M8              | 2    |     |     |     |     |     |   |   |
| 7   | 1    | 129930-13201 | GASKET, SILENCER     | 1    |     |     |     |     |     |   |   |

Fig.7. CAMSHAFT & DRIVING GEAR



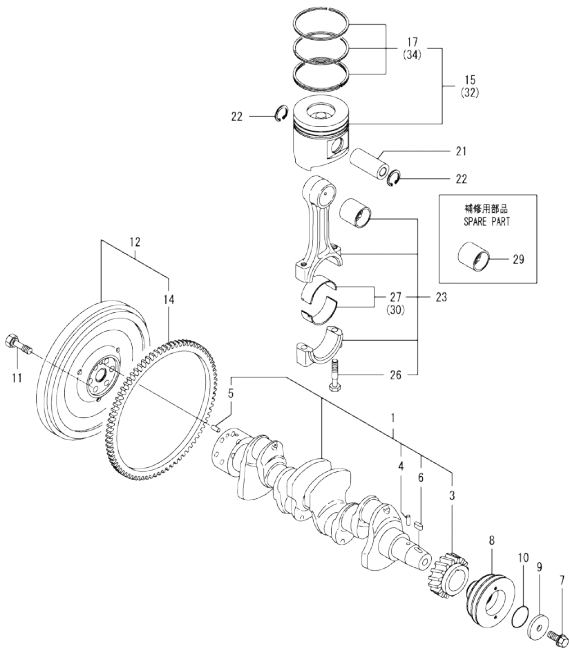
(A)=4TNV94L-XDBKC  
(B)=  
(C)=

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

| No. | Lev.       | Parts No.    | Description         | (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|-----|------------|--------------|---------------------|-----|-----|-----|-----|-----|-----|---|---|
| 1   | 1          | 129150-14200 | TAPPET              | 8   |     |     |     |     |     |   |   |
| 2   | 1          | 129907-14400 | PUSH-ROD            | 8   |     |     |     |     |     |   |   |
| 3   | 1          | 129907-14581 | CAMSHAFT ASSY       | 1   |     |     |     |     |     |   |   |
| 3-1 | 1          | 129908-14581 | CAMSHAFT ASSY       | 1   |     |     |     |     |     | N |   |
|     | (A=EB8424) |              |                     |     |     |     |     |     |     |   |   |
| 4   | 2          | 129150-02450 | BEARING, THRUST     | 1   |     |     |     |     |     |   |   |
| 6   | 2          | 129900-14100 | GEAR, CAMSHAFT      | 1   |     |     |     |     |     |   |   |
| 7   | 2          | 22512-070140 | KEY, 7X 14          | 1   |     |     |     |     |     |   |   |
| 8   | 1          | 26106-080162 | BOLT, M8X 16 PLATED | 2   |     |     |     |     |     |   |   |
| 9   | 1          | 123900-25060 | SHAFT, IDLE GEAR    | 1   |     |     |     |     |     |   |   |
| 10  | 1          | 129900-25100 | GEAR ASSY, IDLE     | 1   |     |     |     |     |     |   |   |
| 13  | 1          | 129150-25920 | BUSH, IDLE GEAR     | 1   |     |     |     |     |     |   | 1 |
| 14  | 1          | 26106-080552 | BOLT, M8X 55 PLATED | 3   |     |     |     |     |     |   |   |
| 15  | 1          | 129953-25300 | BOLT                | 4   |     |     |     |     |     |   |   |
| 16  | 1          | 129907-25900 | GEAR, PUMP          | 1   |     |     |     |     |     |   |   |

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

Fig.8. CRANKSHAFT & PISTON



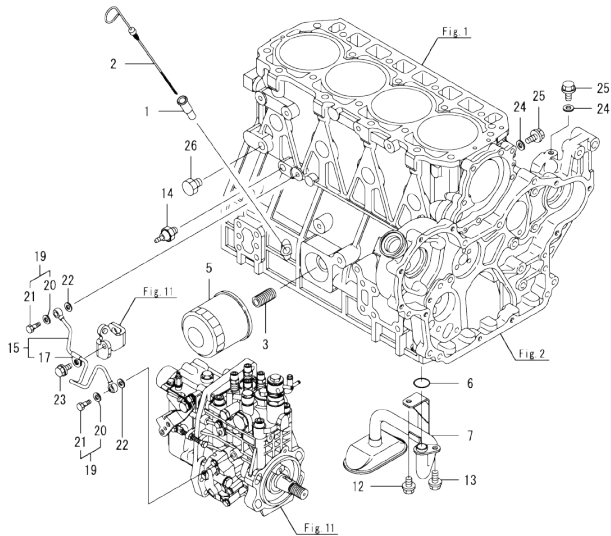
Remarks  
(1)Spare part.  
(2)Under-sized(U.S.=0.25)part.  
(3)Over-sized(O.S.=0.25)part.  
(4)Ref. No.15 is interchangeable with a set of Ref. No.15-1 and Fig.1 Ref. No.28-2.

(A)=4TNV94L-XDBKC  
(B)=  
(C)=

(D)=  
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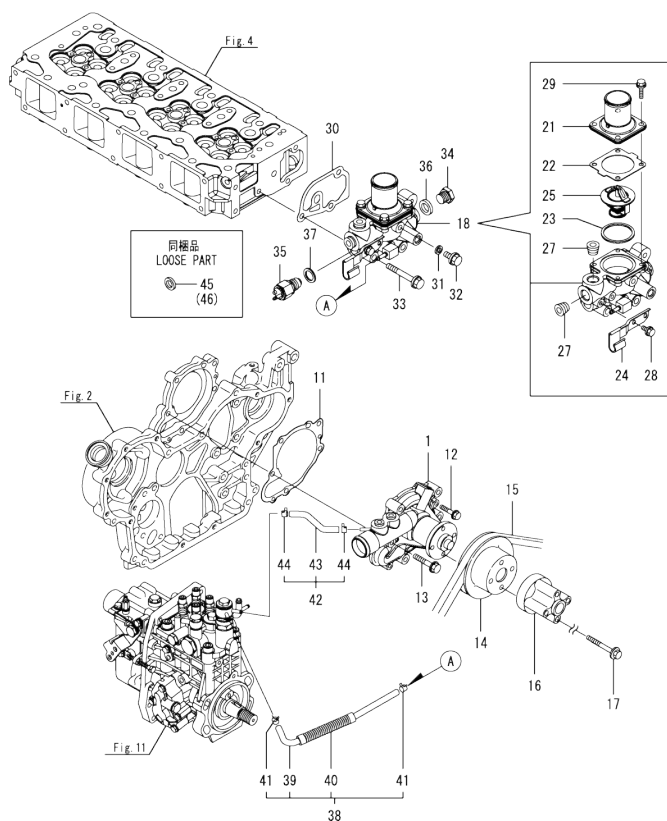
| No.        | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 129902-21000 | CRANKSHAFT ASSY      | 1    |     |     |     |     |     |   |   |
| 3          | 2    | 129900-21200 | GEAR, CRANKSHAFT     | 1    |     |     |     |     |     |   |   |
| 4          | 2    | 121850-21290 | PIN                  | 1    |     |     |     |     |     |   |   |
| 5          | 2    | 121850-21920 | PIN, PARALLEL 10X22  | 1    |     |     |     |     |     |   |   |
| 6          | 2    | 22512-070140 | KEY, 7X 14           | 1    |     |     |     |     |     |   |   |
| 7          | 1    | 129916-21610 | BOLT                 | 1    |     |     |     |     |     |   |   |
| 8          | 1    | 129916-21620 | V-PULLEY, CRANKSHAFT | 1    |     |     |     |     |     |   |   |
| 9          | 1    | 129960-21640 | WASHER               | 1    |     |     |     |     |     |   |   |
| 10         | 1    | 24341-000530 | O-RING, 1AS53.0      | 1    |     |     |     |     |     |   |   |
| 11         | 1    | 121850-21130 | BOLT, FLYWHEEL       | 6    |     |     |     |     |     |   |   |
| 12         | 1    | 129916-21590 | FLYWHEEL ASSY        | 1    |     |     |     |     |     |   |   |
| 14         | 2    | 129900-21600 | GEAR, RING           | 1    |     |     |     |     |     |   |   |
| 15         | 1    | 129906-22080 | PISTON ASSY          | 4    |     |     |     |     |     |   |   |
| 15-1       | 1    | 129906-22090 | PISTON ASSY          | 4    |     |     |     |     |     | F | 4 |
| (A=E77028) |      |              |                      |      |     |     |     |     |     |   |   |
| 17         | 2    | 129906-22050 | RING SET, PISTON     | 4    |     |     |     |     |     |   |   |
| 21         | 1    | 120130-22301 | PIN, PISTON          | 4    |     |     |     |     |     |   |   |
| 22         | 1    | 22252-000300 | RING, 30             | 8    |     |     |     |     |     |   |   |
| 23         | 1    | 129900-23001 | ROD ASSY, CONNECTING | 4    |     |     |     |     |     |   |   |
| 26         | 2    | 129900-23200 | BOLT, CONNECTING ROD | 8    |     |     |     |     |     |   |   |
| 27         | 2    | 129900-23601 | BEARING, CRANK PIN   | 4    |     |     |     |     |     |   |   |
| 29         | 1    | 129900-23911 | BEARING, PISTON PIN  | 4    |     |     |     |     |     |   | 1 |
| 30         | 1    | 129900-23611 | BEARING ASSY, 0.25US | 4    |     |     |     |     |     |   | 2 |
| 32         | 1    | 729906-22900 | PISTON ASSY, 0.25 OS | 4    |     |     |     |     |     |   | 3 |
| 32-1       | 1    | 129906-22900 | PISTON ASSY, 0.25 OS | 4    |     |     |     |     |     | R | 3 |
| (A=EXXXXX) |      |              |                      |      |     |     |     |     |     |   |   |
| 32-2       | 1    | 129906-22910 | PISTON ASSY, 0.25 OS | 4    |     |     |     |     |     | F | 3 |
| (A=E77028) |      |              |                      |      |     |     |     |     |     |   |   |
| 34         | 2    | 729906-22950 | RING SET, 0.25 OS    | 4    |     |     |     |     |     |   | 3 |
| 34-1       | 2    | 129916-22950 | RING SET, 0.25 OS    | 4    |     |     |     |     |     | R | 3 |
| (A=EXXXXX) |      |              |                      |      |     |     |     |     |     |   |   |

0CW10-M22001 4TNV94L-XDBKC  
Fig.9. LUB. OIL SYSTEM



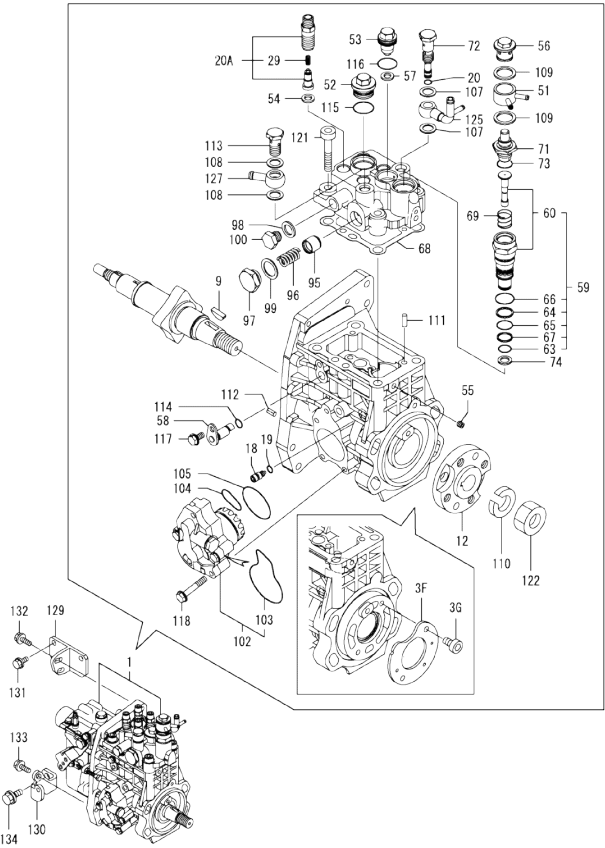
Remarks  
(1)Spare part.

| 0CW10-M22001 Fig.9 |      |              |                      |                   |      |     |     |     |     |   |   |
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|                    |      |              |                      | (B)=              | (E)= |     |     |     |     |   |   |
|                    |      |              |                      | (C)=              | (F)= |     |     |     |     |   |   |
| No.                | Lev. | Parts No.    | Description          | Q'ty              |      |     |     |     |     | I | R |
|                    |      |              |                      | (A)               | (B)  | (C) | (D) | (E) | (F) |   |   |
| 1                  | 1    | 121520-34810 | GUIDE, DIPSTICK      | 1                 |      |     |     |     |     |   |   |
| 2                  | 1    | 129906-34851 | DIPSTICK             | 1                 |      |     |     |     |     |   |   |
| 3                  | 1    | 119000-35140 | BOLT, STUD FILTER    | 1                 |      |     |     |     |     |   |   |
| 5                  | 1    | 119005-35151 | FILTER, D80X100      | 1                 |      |     |     |     |     |   | 1 |
| 6                  | 1    | 129900-32030 | O-RING, P20          | 1                 |      |     |     |     |     |   |   |
| 7                  | 1    | 129953-35000 | PIPE ASSY, OIL INLET | 1                 |      |     |     |     |     |   |   |
| 12                 | 1    | 26106-080122 | BOLT, M8X 12 PLATED  | 1                 |      |     |     |     |     |   |   |
| 13                 | 1    | 26106-080162 | BOLT, M8X 16 PLATED  | 1                 |      |     |     |     |     |   |   |
| 14                 | 1    | 114250-39450 | SWITCH, HYDRAULIC    | 1                 |      |     |     |     |     |   |   |
| 15                 | 1    | 129907-39061 | PIPE ASSY, OIL       | 1                 |      |     |     |     |     |   |   |
| 17                 | 2    | 123907-39500 | RETAINER, PIPE       | 1                 |      |     |     |     |     |   |   |
| 19                 | 1    | 129005-59830 | BOLT ASSY, JOINT M8  | 2                 |      |     |     |     |     |   |   |
| 20                 | 2    | 22190-080002 | WASHER, SEAL 6       | 2                 |      |     |     |     |     |   |   |
| 21                 | 2    | 23857-030000 | BOLT, JOINT 3        | 2                 |      |     |     |     |     |   |   |
| 22                 | 1    | 22190-080002 | WASHER, SEAL 6       | 2                 |      |     |     |     |     |   |   |
| 23                 | 1    | 26106-080122 | BOLT, M8X 12 PLATED  | 1                 |      |     |     |     |     |   |   |
| 24                 | 1    | 22190-080002 | WASHER, SEAL 6       | 2                 |      |     |     |     |     |   |   |
| 25                 | 1    | 26106-080122 | BOLT, M8X 12 PLATED  | 2                 |      |     |     |     |     |   |   |
| 26                 | 1    | 171056-49120 | PLUG, DRAIN R1/4     | 1                 |      |     |     |     |     |   |   |
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| No.  | Lev. | Parts No.                    | Description          | (A)=4TNV94L-XDBKC<br>(B)=<br>(C)=<br>(D)=<br>(E)=<br>(F)= |     |     |     |     |     | I | R |
|------|------|------------------------------|----------------------|-----------------------------------------------------------|-----|-----|-----|-----|-----|---|---|
|      |      |                              |                      | (A)                                                       | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 129907-42000                 | PUMP ASSY, WATER     | 1                                                         |     |     |     |     |     |   |   |
| 1-1  | 1    | 129907-42001<br>(A=E77769)   | PUMP ASSY, WATER     | 1                                                         |     |     |     |     |     |   | N |
| 11   | 1    | 129900-42020                 | GASKET, WATER PUMP   | 1                                                         |     |     |     |     |     |   |   |
| 12   | 1    | 26106-060302                 | BOLT, M6x 30 PLATED  | 2                                                         |     |     |     |     |     |   |   |
| 13   | 1    | 26106-080552                 | BOLT, M8x 55 PLATED  | 5                                                         |     |     |     |     |     |   |   |
| 14   | 1    | 129906-42420                 | V-PULLEY             | 1                                                         |     |     |     |     |     |   |   |
| 14-1 | 1    | 129906-42421<br>(A=E77701)   | V-PULLEY, PUMP       | 1                                                         |     |     |     |     |     |   | R |
| 14-2 | 1    | 129916-42410<br>(A=EG2696)   | V-PULLEY, PUMP       | 1                                                         |     |     |     |     |     |   | N |
| 15   | 1    | 25153-004400                 | V-BELT, B44          | 1                                                         |     |     |     |     |     |   |   |
| 16   | 1    | 119117-44760                 | SPACER, FAN          | 1                                                         |     |     |     |     |     |   |   |
| 17   | 1    | 26106-080802                 | BOLT, M8x 80 PLATED  | 4                                                         |     |     |     |     |     |   |   |
| 18   | 1    | 129946-49810                 | CASE ASSY,THERMOSTAT | 1                                                         |     |     |     |     |     |   |   |
| 21   | 2    | 129916-49530                 | COVER, THERMOSTAT    | 1                                                         |     |     |     |     |     |   |   |
| 22   | 2    | 121850-49540                 | GASKET, THERMOSTAT   | 1                                                         |     |     |     |     |     |   |   |
| 23   | 2    | 121850-49550                 | GASKET, THERMOSTAT   | 1                                                         |     |     |     |     |     |   |   |
| 24   | 2    | 129907-49730                 | RETAINER, PIPE       | 1                                                         |     |     |     |     |     |   |   |
| 25   | 2    | 121850-49800                 | THERMOSTAT, 82C      | 1                                                         |     |     |     |     |     |   |   |
| 25-1 | 2    | 121850-49801<br>(A=E95738)   | THERMOSTAT, 82C      | 1                                                         |     |     |     |     |     |   | N |
| 27   | 2    | 23875-030000                 | PLUG, R03            | 2                                                         |     |     |     |     |     |   |   |
| 28   | 2    | 26106-060122                 | BOLT, M6x 12 PLATED  | 1                                                         |     |     |     |     |     |   |   |
| 29   | 2    | 26106-060202                 | BOLT, M6x 20 PLATED  | 4                                                         |     |     |     |     |     |   |   |
| 30   | 1    | 129900-49870                 | GASKET, THERMOSTAT   | 1                                                         |     |     |     |     |     |   |   |
| 31   | 1    | 23414-080000                 | GASKET, 8X1.0        | 1                                                         |     |     |     |     |     |   |   |
| 32   | 1    | 26106-080122                 | BOLT, M8x 12 PLATED  | 1                                                         |     |     |     |     |     |   |   |
| 33   | 1    | 26106-080602                 | BOLT, M8x 60 PLATED  | 3                                                         |     |     |     |     |     |   |   |
| 34   | 1    | 121450-42450                 | PLUG, M16            | 1                                                         |     |     |     |     |     |   |   |
| 35   | 1    | 121250-44901                 | SWITCH, THERMO 110   | 1                                                         |     |     |     |     |     |   |   |
| 36   | 1    | 124465-44950                 | GASKET, 16           | 1                                                         |     |     |     |     |     |   |   |
| 37   | 1    | 124465-44950                 | GASKET, 16           | 1                                                         |     |     |     |     |     |   |   |
| 38   | 1    | 129907-49610                 | HOSE ASSY, WATER     | 1                                                         |     |     |     |     |     |   |   |
| 39   | 2    | 129907-49710                 | HOSE, WATER          | 1                                                         |     |     |     |     |     |   |   |
| 40   | 2    | 129907-49750                 | TUBE, CORRUGATED     | 1                                                         |     |     |     |     |     |   |   |
| 41   | 2    | 124722-59050                 | CLAMP, HOSE 9        | 2                                                         |     |     |     |     |     |   |   |
| 42   | 1    | 129907-49620                 | HOSE ASSY, WATER     | 1                                                         |     |     |     |     |     |   |   |
| 43   | 2    | 129907-49720                 | HOSE, WATER          | 1                                                         |     |     |     |     |     |   |   |
| 44   | 2    | 124722-59050                 | CLAMP, HOSE 9        | 2                                                         |     |     |     |     |     |   |   |
| 45   | 1    | 129150-49360<br>(A=E76178)   | GASKET               | 1                                                         |     |     |     |     |     |   | Z |
| 46   | 1    | 129150-49360<br>(A="2010.01) | GASKET               | 1                                                         |     |     |     |     |     |   | W |

Fig.11. FUEL INJECTION PUMP



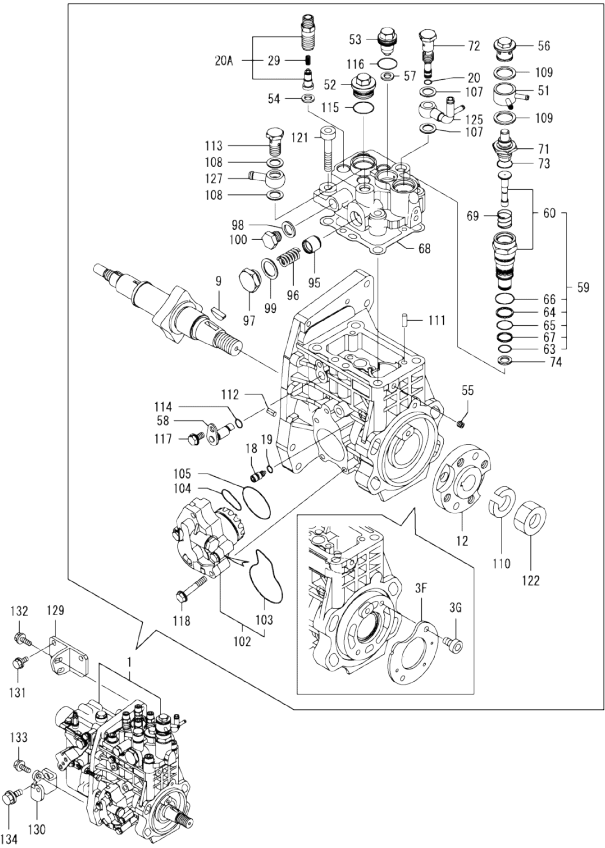
Remarks  
(1)Governor(Fig.12)is incorporated in this Fuel Injection Pump (Ref.1).

(A)=4TNV94L-XDBKC  
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| No.        | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 729906-51332 | FIE ASSY             | 1    |     |     |     |     |     |   | 1 |
| 3F         | 2    | 129928-51900 | COVER                | 1    |     |     |     |     |     |   | W |
| (A=E77028) |      |              |                      |      |     |     |     |     |     |   |   |
| 3G         | 2    | 129008-51920 | BOLT, SOCKET M6X10   | 2    |     |     |     |     |     |   | W |
| (A=E77028) |      |              |                      |      |     |     |     |     |     |   |   |
| 9          | 2    | 144626-51090 | FEATHER KEY, 5X19    | 1    |     |     |     |     |     |   |   |
| 12         | 2    | 158563-51150 | FLANGE               | 1    |     |     |     |     |     |   |   |
| 18         | 2    | 158600-51270 | STOPPER, TAPPET      | 1    |     |     |     |     |     |   |   |
| 19         | 2    | 158563-51281 | O-RING, 4D S6        | 1    |     |     |     |     |     |   |   |
| 20         | 2    | 158563-51281 | O-RING, 4D S6        | 1    |     |     |     |     |     |   |   |
| 20A        | 2    | 129509-51390 | VALVE ASSY, DELIVERY | 4    |     |     |     |     |     |   |   |
| 29         | 3    | 158563-51330 | SPRING, DELIVERY     | 4    |     |     |     |     |     |   |   |
| 51         | 2    | 158553-51551 | JOINT, COOLING WATER | 1    |     |     |     |     |     |   |   |
| 52         | 2    | 158601-51550 | PLUG, M22            | 1    |     |     |     |     |     |   |   |
| 53         | 2    | 129907-51560 | PLUG, M16            | 1    |     |     |     |     |     |   |   |
| 54         | 2    | 158552-51570 | GASKET, PLUG         | 4    |     |     |     |     |     |   |   |
| 54-1       | 2    | 158552-51571 | GASKET, PLUG         | 4    |     |     |     |     |     |   | R |
| (A=E63019) |      |              |                      |      |     |     |     |     |     |   |   |
| 55         | 2    | 158557-51570 | PLUG, RACK           | 1    |     |     |     |     |     |   |   |
| 56         | 2    | 158601-51570 | PLUG                 | 1    |     |     |     |     |     |   |   |
| 57         | 2    | 129906-51580 | GASKET, PLUG         | 1    |     |     |     |     |     |   |   |
| 58         | 2    | 158552-51580 | LIFTER, LINK         | 1    |     |     |     |     |     |   |   |
| 59         | 2    | 119802-51590 | TIMER ASSY           | 1    |     |     |     |     |     |   |   |
| 60         | 3    | 119802-51600 | TIMER ASSY           | 1    |     |     |     |     |     |   |   |
| 63         | 3    | 158553-51670 | O-RING               | 1    |     |     |     |     |     |   |   |
| 64         | 3    | 119802-51680 | RING, BACKUP         | 1    |     |     |     |     |     |   |   |
| 65         | 3    | 119802-51690 | O-RING               | 1    |     |     |     |     |     |   |   |
| 66         | 3    | 24356-010200 | O-RING, 4D1020       | 1    |     |     |     |     |     |   |   |
| 66-1       | 3    | 24356-190200 | O-RING, 4D19020      | 1    |     |     |     |     |     |   | R |
| (A=EXXXXX) |      |              |                      |      |     |     |     |     |     |   |   |
| 67         | 3    | 24372-000150 | RING, BACK UP T2P15  | 1    |     |     |     |     |     |   |   |
| 68         | 2    | 158560-51600 | GASKET               | 1    |     |     |     |     |     |   |   |
| 69         | 2    | 158553-51630 | SPRING, TIMER        | 1    |     |     |     |     |     |   |   |
| 71         | 2    | 158553-51640 | THERMOELEMENT        | 1    |     |     |     |     |     |   |   |
| 72         | 2    | 158601-51650 | JOINT, OVER FLOW     | 1    |     |     |     |     |     |   |   |
| 73         | 2    | 158553-51660 | O-RING, P14          | 1    |     |     |     |     |     |   |   |
| 74         | 2    | 158553-51680 | GASKET, TIMER        | 1    |     |     |     |     |     |   |   |
| 95         | 2    | 158601-51770 | PISTON, ACCUMULATOR  | 1    |     |     |     |     |     |   |   |
| 96         | 2    | 158552-51781 | SPRING, ACCUMULATOR  | 1    |     |     |     |     |     |   |   |
| 97         | 2    | 158601-51790 | PLUG                 | 1    |     |     |     |     |     |   |   |
| 98         | 2    | 22190-120002 | WASHER, SEAL 12      | 1    |     |     |     |     |     |   |   |
| 99         | 2    | 22190-180002 | WASHER, SEAL 18      | 1    |     |     |     |     |     |   |   |
| 100        | 2    | 23887-120002 | PLUG, 12             | 1    |     |     |     |     |     |   |   |
| 100-1      | 2    | 158553-51930 | PLUG, M12            | 1    |     |     |     |     |     |   | R |
| (A=E76178) |      |              |                      |      |     |     |     |     |     |   |   |
| 102        | 2    | 158552-52100 | PUMP ASSY, FUEL FEED | 1    |     |     |     |     |     |   |   |
| 103        | 3    | 158552-52500 | O-RING               | 1    |     |     |     |     |     |   |   |
| 104        | 2    | 158552-52310 | O-RING               | 1    |     |     |     |     |     |   |   |
| 104-1      | 2    | 158552-52311 | O-RING               | 1    |     |     |     |     |     |   | R |
| (A=E77028) |      |              |                      |      |     |     |     |     |     |   |   |
| 105        | 2    | 158552-52400 | O-RING, 4E S42       | 1    |     |     |     |     |     |   |   |

N:Old  $\frac{100}{100}$  New, Q:Old  $\frac{100}{100}$  New, R:Old  $\frac{100}{100}$  New, S:Old  $\frac{100}{100}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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Fig.11. FUEL INJECTION PUMP

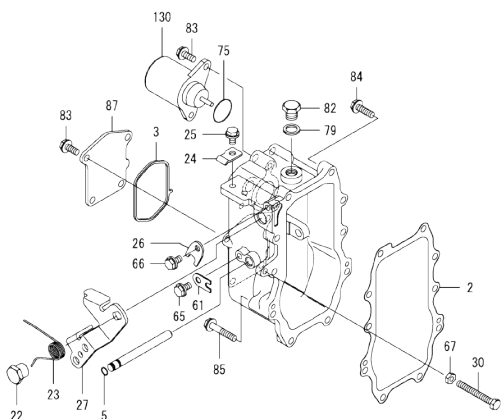


Remarks  
(1)Governor(Fig.12)is incorporated in this Fuel Injection Pump (Ref.1).

(A)=4TNV94L-XDBKC  
(B)=  
(C)=

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

| No.        | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 107        | 2    | 22190-120002 | WASHER, SEAL 12      | 2    |     |     |     |     |     |   |   |
| 108        | 2    | 22190-120002 | WASHER, SEAL 12      | 2    |     |     |     |     |     |   |   |
| 109        | 2    | 22190-180002 | WASHER, SEAL 18      | 2    |     |     |     |     |     |   |   |
| 110        | 2    | 22217-180000 | WASHER, SPRING 18    | 1    |     |     |     |     |     |   |   |
| 111        | 2    | 22312-050140 | PIN, PARALLEL M5X14  | 2    |     |     |     |     |     |   |   |
| 112        | 2    | 22351-050010 | PIN, SPRING 5.0X10   | 2    |     |     |     |     |     |   |   |
| 113        | 2    | 23857-060000 | BOLT, JOINT 6        | 1    |     |     |     |     |     |   |   |
| 114        | 2    | 24311-000070 | O-RING, 1AP7.0       | 1    |     |     |     |     |     |   |   |
| 115        | 2    | 24356-010200 | O-RING, 4D1020       | 1    |     |     |     |     |     |   |   |
| 115-1      | 2    | 24356-190200 | O-RING, 4D19020      | 1    |     |     |     |     |     |   | R |
| (A=EXXXXX) |      |              |                      |      |     |     |     |     |     |   |   |
| 116        | 2    | 24356-020210 | O-RING, 4D2021       | 1    |     |     |     |     |     |   |   |
| 116-1      | 2    | 24356-240210 | O-RING, 4D24021      | 1    |     |     |     |     |     |   | R |
| (A=EXXXXX) |      |              |                      |      |     |     |     |     |     |   |   |
| 117        | 2    | 26106-060102 | BOLT, M6X 10 PLATED  | 1    |     |     |     |     |     |   |   |
| 118        | 2    | 26106-060352 | BOLT, M6X 35 PLATED  | 4    |     |     |     |     |     |   |   |
| 121        | 2    | 26450-100452 | BOLT, M10X 45        | 4    |     |     |     |     |     |   |   |
| 122        | 2    | 26776-180002 | NUT, LOCK M18        | 1    |     |     |     |     |     |   |   |
| 125        | 2    | 158552-51670 | JOINT, OVER FLOW     | 1    |     |     |     |     |     |   |   |
| 127        | 2    | 129916-59020 | JOINT, PIPE 12       | 1    |     |     |     |     |     |   |   |
| 129        | 1    | 129907-01950 | RETAINER, PUMP       | 1    |     |     |     |     |     |   |   |
| 130        | 1    | 129907-01960 | RETAINER, PUMP       | 1    |     |     |     |     |     |   |   |
| 131        | 1    | 26106-080162 | BOLT, M8X 16 PLATED  | 2    |     |     |     |     |     |   |   |
| 132        | 1    | 26106-080222 | BOLT, M8X 22 PLATED  | 2    |     |     |     |     |     |   |   |
| 133        | 1    | 26106-080222 | BOLT, M8X 22 PLATED  | 1    |     |     |     |     |     |   |   |
| 134        | 1    | 26106-100202 | BOLT, M10X 20 PLATED | 1    |     |     |     |     |     |   |   |



Remarks  
\*This figure(Governor)is incorporated  
in the Fuel Injection Pump (Fig.11).

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

| No. | Lev. | Parts No.    | Description          | (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|-----|------|--------------|----------------------|-----|-----|-----|-----|-----|-----|---|---|
| 2   | 2    | 158560-61050 | GASKET               | 1   |     |     |     |     |     |   |   |
| 3   | 2    | 158560-61071 | GASKET               | 1   |     |     |     |     |     |   |   |
| 5   | 2    | 129155-51280 | O-RING, S6           | 1   |     |     |     |     |     |   |   |
| 22  | 2    | 129255-61410 | NUT, M8              | 1   |     |     |     |     |     |   |   |
| 23  | 2    | 123944-61420 | SPRING, LEVER        | 1   |     |     |     |     |     |   |   |
| 24  | 2    | 123944-61430 | RETAINER             | 1   |     |     |     |     |     |   |   |
| 25  | 2    | 26106-060102 | BOLT, M6X 10 PLATED  | 1   |     |     |     |     |     |   |   |
| 26  | 2    | 158560-61430 | STOPPER, SHAFT       | 1   |     |     |     |     |     |   |   |
| 27  | 2    | 158560-61442 | LEVER, REGULATOR     | 1   |     |     |     |     |     |   |   |
| 30  | 2    | 129155-61460 | BOLT, LIMITING       | 1   |     |     |     |     |     |   |   |
| 61  | 2    | 119660-61901 | STOPPER, SHAFT       | 1   |     |     |     |     |     |   |   |
| 65  | 2    | 26106-060102 | BOLT, M6X 10 PLATED  | 1   |     |     |     |     |     |   |   |
| 66  | 2    | 26106-060102 | BOLT, M6X 10 PLATED  | 1   |     |     |     |     |     |   |   |
| 67  | 2    | 26756-060002 | NUT, LOCK M6         | 1   |     |     |     |     |     |   |   |
| 75  | 2    | 158552-61900 | O-RING               | 1   |     |     |     |     |     |   |   |
| 79  | 2    | 22190-160002 | WASHER, SEAL 16      | 1   |     |     |     |     |     |   |   |
| 82  | 2    | 23887-160002 | PLUG, 16             | 1   |     |     |     |     |     |   |   |
| 83  | 2    | 26106-060142 | BOLT, M6X 14 PLATED  | 6   |     |     |     |     |     |   |   |
| 84  | 2    | 26106-060252 | BOLT, M6X 25 PLATED  | 8   |     |     |     |     |     |   |   |
| 85  | 2    | 26106-060402 | BOLT, M6X 40 PLATED  | 2   |     |     |     |     |     |   |   |
| 87  | 2    | 158560-61061 | COVER, GOVERNOR CASE | 1   |     |     |     |     |     |   |   |
| 130 | 2    | 119233-77932 | SOLENOID, STOP       | 1   |     |     |     |     |     |   |   |

Fig.13. FUEL INJECTION VALVE

(A)=4TNV94L-XDBKC  
(B)=  
(C)=

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

| No.        | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 729906-53100 | FUEL INJECTOR ASSY   | 4    |     |     |     |     |     |   |   |
| 2          | 2    | 129906-53000 | NOZZLE ASSY, F.I.    | 4    |     |     |     |     |     |   |   |
| 5          | 2    | 114250-53080 | NUT, NOZZLE          | 4    |     |     |     |     |     |   |   |
| 9          | 2    | 114250-53120 | SPRING, NOZZLE       | 4    |     |     |     |     |     |   |   |
| 10         | 2    | 114250-53130 | SEAT, SPRING         | 4    |     |     |     |     |     |   |   |
| 11         | 2    | 114250-53140 | SPACER               | 4    |     |     |     |     |     |   |   |
| 12         | 2    | 114250-53210 | PIN                  | 8    |     |     |     |     |     |   |   |
| 13         | 2    | 114250-53400 | SHIM SET             | 4    |     |     |     |     |     |   |   |
| 13-1       | 2    | 119803-53400 | SHIM SET             | 4    |     |     |     |     |     |   | R |
| (A=E70848) |      |              |                      |      |     |     |     |     |     |   |   |
| 25         | 1    | 123907-11601 | SEAL, PIPE           | 4    |     |     |     |     |     |   |   |
| 26         | 1    | 122780-59100 | RETAINER             | 2    |     |     |     |     |     |   |   |
| 27         | 1    | 119305-59120 | RETAINER, PIPE       | 1    |     |     |     |     |     |   |   |
| 30         | 2    | 129150-59131 | BOLT, M4X14          | 1    |     |     |     |     |     |   |   |
| 31         | 1    | 129550-59120 | RETAINER, PIPE       | 1    |     |     |     |     |     |   |   |
| 34         | 2    | 129150-59131 | BOLT, M4X14          | 2    |     |     |     |     |     |   |   |
| 35         | 1    | 129907-59710 | SUPPORT              | 1    |     |     |     |     |     |   |   |
| 37         | 1    | 129907-59810 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 38         | 1    | 129907-59820 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 39         | 1    | 129907-59830 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 40         | 1    | 129907-59840 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 41         | 1    | 26106-060162 | BOLT, M6X 16 PLATED  | 2    |     |     |     |     |     |   |   |
| 42         | 1    | 26106-080182 | BOLT, M8X 18 PLATED  | 1    |     |     |     |     |     |   |   |

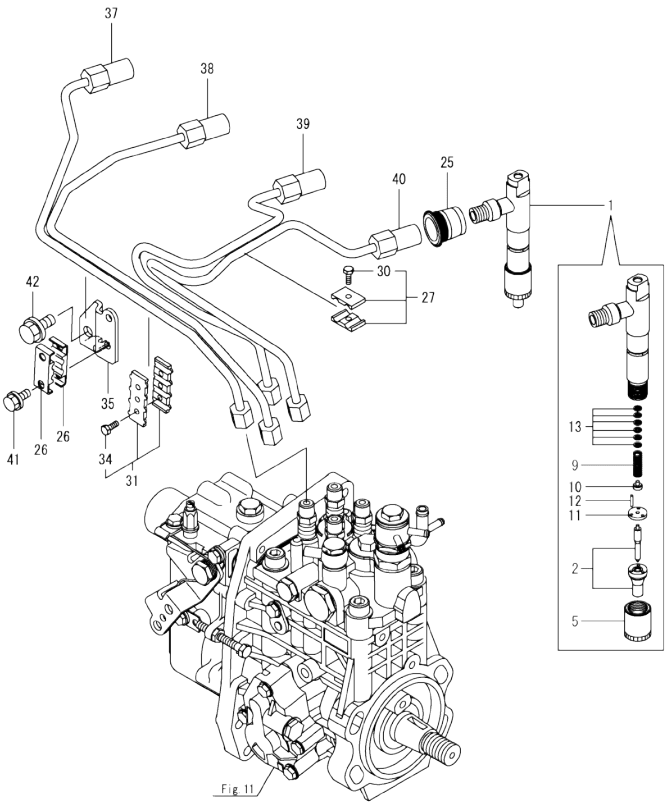
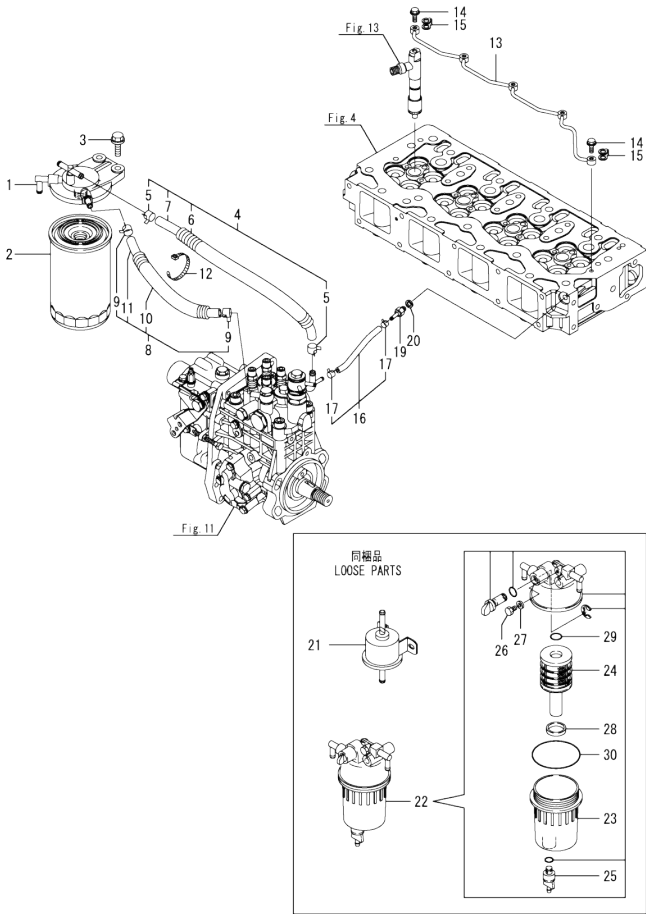


Fig.14. FUEL LINE

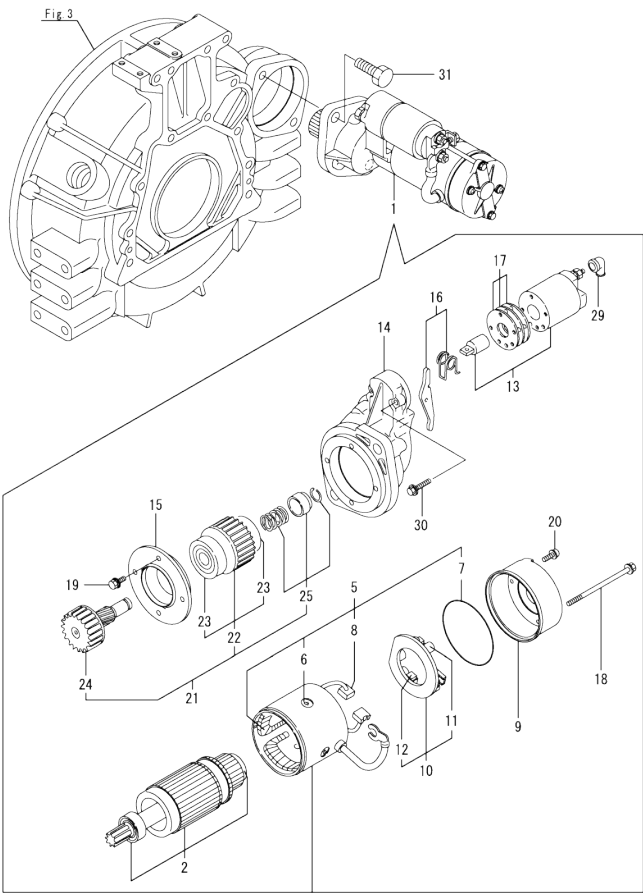


(A)=4TNV94L-XDBKC  
(B)=  
(C)=

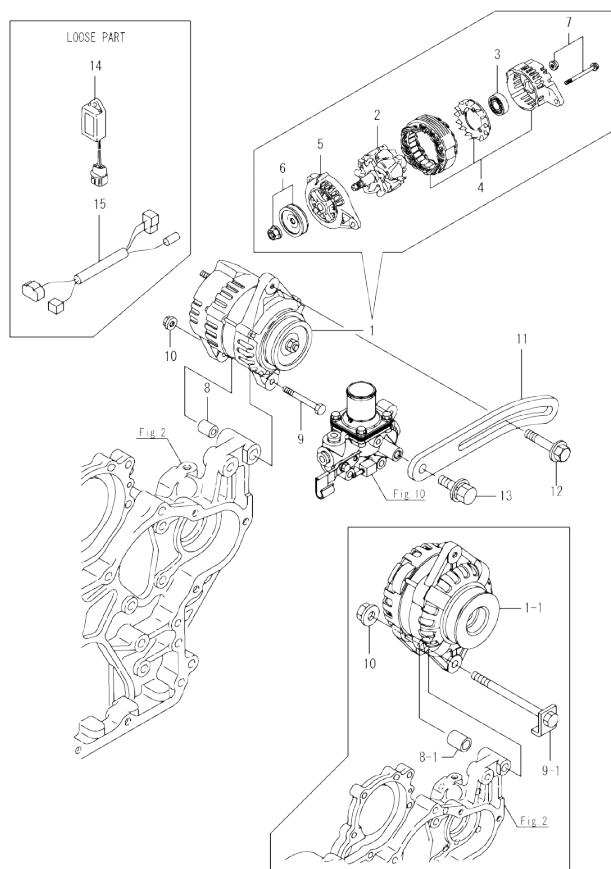
(D)=  
(E)=  
(F)=

| No.        | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 129004-55612 | BRACKET, FILTER      | 1    |     |     |     |     |     |   |   |
| 2          | 1    | 129907-55801 | FILTER, FUEL         | 1    |     |     |     |     |     |   |   |
| 3          | 1    | 26106-080302 | BOLT, M8X 30 PLATED  | 2    |     |     |     |     |     |   |   |
| 4          | 1    | 129457-59010 | HOSE ASSY, FUEL      | 1    |     |     |     |     |     |   |   |
| 5          | 2    | 124766-59050 | CLAMP, HOSE 11.5     | 2    |     |     |     |     |     |   |   |
| 6          | 2    | 129957-59120 | TUBE, CORRUGATED 15  | 1    |     |     |     |     |     |   |   |
| 7          | 2    | 105025-59750 | HOSE, FUEL           | 1    |     |     |     |     |     |   |   |
| 8          | 1    | 129981-59010 | HOSE ASSY, FUEL      | 1    |     |     |     |     |     |   |   |
| 9          | 2    | 124766-59050 | CLAMP, HOSE 11.5     | 2    |     |     |     |     |     |   |   |
| 10         | 2    | 129950-59221 | TUBE, CORRUGATED 15  | 1    |     |     |     |     |     |   |   |
| 11         | 2    | 129980-59510 | HOSE, FUEL           | 1    |     |     |     |     |     |   |   |
| 12         | 1    | 121750-59890 | BAND, NYLON          | 1    |     |     |     |     |     |   |   |
| 13         | 1    | 129907-59140 | PIPE ASSY, RETURN    | 1    |     |     |     |     |     |   |   |
| 14         | 1    | 123907-59540 | BOLT, PIPE JOINT M6  | 5    |     |     |     |     |     |   |   |
| 15         | 1    | 123907-59550 | GASKET               | 5    |     |     |     |     |     |   |   |
| 16         | 1    | 129486-59551 | HOSE ASSY, RETURN    | 1    |     |     |     |     |     |   |   |
| 17         | 2    | 124722-59050 | CLAMP, HOSE 9        | 2    |     |     |     |     |     |   |   |
| 19         | 1    | 123907-59560 | JOINT, HOSE          | 1    |     |     |     |     |     |   |   |
| 20         | 1    | 22190-080002 | WASHER, SEAL 6       | 1    |     |     |     |     |     |   |   |
| 21         | 1    | 129612-52100 | PUMP, FUEL FEED      | 1    |     |     |     |     |     |   |   |
| 22         | 1    | 129245-55710 | SEPARATOR ASSY,WATER | 1    |     |     |     |     |     |   |   |
| 22-1       | 1    | 129245-55711 | SEPARATOR ASSY,WATER | 1    |     |     |     |     |     |   | N |
| (A=EXXXXX) |      |              |                      |      |     |     |     |     |     |   |   |
| 23         | 2    | 129245-55720 | CUP ASSY, SEPARATOR  | 1    |     |     |     |     |     |   |   |
| 24         | 2    | 129242-55730 | ELEMENT, FUEL        | 1    |     |     |     |     |     |   |   |
| 25         | 2    | 129242-55740 | PLUG, DRAIN          | 1    |     |     |     |     |     |   |   |
| 26         | 2    | 129242-55750 | VALVE, AIR VENT      | 1    |     |     |     |     |     |   |   |
| 27         | 2    | 129242-55760 | GASKET, PLUG         | 1    |     |     |     |     |     |   |   |
| 28         | 2    | 129242-55770 | FLOAT                | 1    |     |     |     |     |     |   |   |
| 29         | 2    | 24311-000160 | O-RING, 1AP16.0      | 1    |     |     |     |     |     |   |   |
| 30         | 2    | 24321-000750 | O-RING, 1AG75.0      | 1    |     |     |     |     |     |   |   |

0CW10-M22001 4TNV94L-XDBKC  
Fig.15. STARTING MOTOR



|             |      |              |                      |     |     |     |     |     |     | 0CW10-M22001      |   | Fig.15 |  |
|-------------|------|--------------|----------------------|-----|-----|-----|-----|-----|-----|-------------------|---|--------|--|
|             |      |              |                      |     |     |     |     |     |     | (A)=4TNV94L-XDBKC |   | (D)=   |  |
|             |      |              |                      |     |     |     |     |     |     | (B)=              |   | (E)=   |  |
|             |      |              |                      |     |     |     |     |     |     | (C)=              |   | (F)=   |  |
| No.         | Lev. | Parts No.    | Description          | (A) | (B) | (C) | (D) | (E) | (F) | I                 | R |        |  |
| 1           | 1    | 129940-77010 | STARTER ASSY         | 1   |     |     |     |     |     |                   |   |        |  |
| 1-1         | 1    | 129940-77011 | STARTER ASSY         | 1   |     |     |     |     |     |                   | N |        |  |
| (A=E95738)  |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
| 2           | 2    | 129940-77100 | ARMATURE ASSY        | 1   |     |     |     |     |     |                   |   |        |  |
| 5           | 2    | 129940-77130 | COIL ASSY, FIELD     | 1   |     |     |     |     |     |                   |   |        |  |
| 6           | 3    | 129940-77140 | SCREW, CORE SET      | 4   |     |     |     |     |     |                   |   |        |  |
| 7           | 3    | 129940-77150 | O-RING               | 1   |     |     |     |     |     |                   |   |        |  |
| 8           | 3    | 129940-77160 | BRUSH                | 2   |     |     |     |     |     |                   |   |        |  |
| 9           | 2    | 129940-77170 | COVER                | 1   |     |     |     |     |     |                   |   |        |  |
| 9-1         | 2    | 129940-77171 | COVER                | 1   |     |     |     |     |     |                   | N |        |  |
| (A=E95738)  |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
| 10          | 2    | 129940-77180 | HOLDER ASSY, BRUSH   | 1   |     |     |     |     |     |                   |   |        |  |
| 10-1        | 2    | 129940-77181 | HOLDER ASSY, BRUSH   | 1   |     |     |     |     |     |                   | N |        |  |
| (A=E95738)  |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
| 11          | 3    | 129940-77190 | SPRING, BRUSH        | 1   |     |     |     |     |     |                   |   |        |  |
| 12          | 3    | 129940-77200 | BRUSH                | 2   |     |     |     |     |     |                   |   |        |  |
| 13          | 2    | 129940-77210 | SWITCH ASSY, MAGNET  | 1   |     |     |     |     |     |                   |   |        |  |
| 14          | 2    | 129940-77220 | CASE, GEAR           | 1   |     |     |     |     |     |                   |   |        |  |
| 14-1        | 2    | 129940-77221 | CASE, GEAR           | 1   |     |     |     |     |     |                   | N |        |  |
| (A=E95738)  |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
| 15          | 2    | 129940-77230 | RETAINER, BEARING    | 1   |     |     |     |     |     |                   |   |        |  |
| 16          | 2    | 129940-77240 | LEVER SET            | 1   |     |     |     |     |     |                   |   |        |  |
| 17          | 2    | 129940-77250 | COVER KIT, DUST      | 1   |     |     |     |     |     |                   |   |        |  |
| 18          | 2    | 129940-77260 | BOLT, THROUGH        | 2   |     |     |     |     |     |                   |   |        |  |
| 19          | 2    | 129940-77270 | BOLT                 | 4   |     |     |     |     |     |                   |   |        |  |
| 20          | 2    | 129940-77280 | SCREW                | 2   |     |     |     |     |     |                   |   |        |  |
| 21          | 2    | 123900-77510 | PINION ASSY          | 1   |     |     |     |     |     |                   |   |        |  |
| 22          | 3    | 123900-77520 | CLUTCH ASSY          | 1   |     |     |     |     |     |                   |   |        |  |
| 23          | 4    | X2240610100  | BEARING, BALL        | 2   |     |     |     |     |     |                   |   |        |  |
| 24          | 3    | 123900-77540 | SHAFT, PINION        | 1   |     |     |     |     |     |                   |   |        |  |
| 25          | 3    | 119131-77550 | STOPPER SET, PINION  | 1   |     |     |     |     |     |                   |   |        |  |
| 29          | 2    | 121254-77810 | COVER, TERMINAL      | 1   |     |     |     |     |     |                   |   |        |  |
| 30          | 2    | 114371-79070 | BOLT                 | 2   |     |     |     |     |     |                   |   |        |  |
| 31          | 1    | 26116-120252 | BOLT, M12X 25 PLATED | 2   |     |     |     |     |     |                   |   |        |  |
| 31-1        | 1    | 26106-120252 | BOLT, M12X 25 PLATED | 2   |     |     |     |     |     |                   | R |        |  |
| (A=EXXXXXX) |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
|             |      |              |                      |     |     |     |     |     |     |                   |   |        |  |
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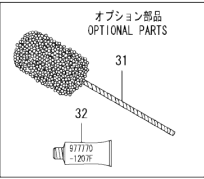
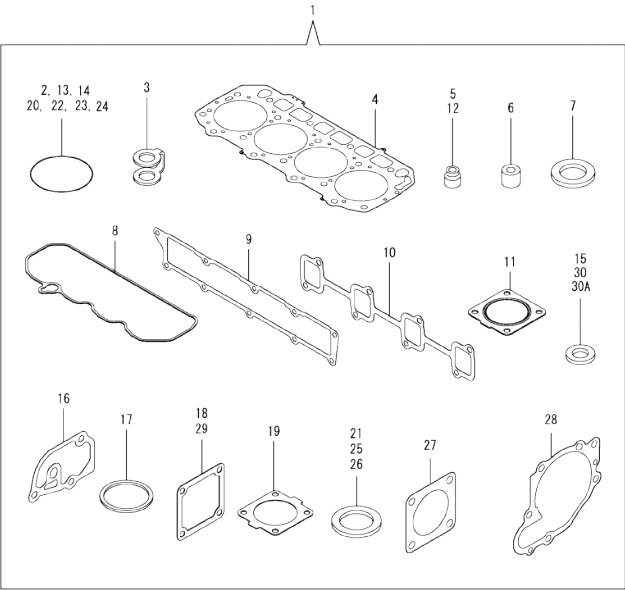
| No. | Lev. | Parts No.                  | Description          | (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|-----|------|----------------------------|----------------------|-----|-----|-----|-----|-----|-----|---|---|
| 1   | 1    | 123900-77210               | ALTERNATOR, 12V-60A  | 1   |     |     |     |     |     |   |   |
| 1-1 | 1    | 129908-77210<br>(A=ED8427) | ALTERNATOR           | 1   |     |     |     |     |     | F | 1 |
| 2   | 2    | 123900-77700<br>(A=ED8427) | ROTOR ASSY           | 1   |     |     |     |     |     | Z |   |
| 3   | 2    | 129612-77710<br>(A=ED8427) | BEARING, BALL        | 1   |     |     |     |     |     | Z |   |
| 4   | 2    | 123900-77720<br>(A=ED8427) | BRACKET ASSY         | 1   |     |     |     |     |     | Z |   |
| 5   | 2    | 123900-77730<br>(A=ED8427) | BRACKET ASSY         | 1   |     |     |     |     |     | Z |   |
| 6   | 2    | 123900-77740<br>(A=ED8427) | PULLEY, GENERATOR    | 1   |     |     |     |     |     | Z |   |
| 7   | 2    | 123900-77750<br>(A=ED8427) | SCREW KIT            | 1   |     |     |     |     |     | Z |   |
| 8   | 1    | 129470-77340               | PIECE, DISTANCE      | 1   |     |     |     |     |     |   |   |
| 8-1 | 1    | 129908-77360<br>(A=ED8427) | PIECE, DISTANCE      | 1   |     |     |     |     |     | F | 1 |
| 9   | 1    | 26116-101202               | BOLT, M10X120 PLATED | 1   |     |     |     |     |     |   |   |
| 9-1 | 1    | 129908-77220<br>(A=ED8427) | BOLT, STOPPER M10    | 1   |     |     |     |     |     | F | 1 |
| 10  | 1    | 26306-100002               | NUT, M10             | 1   |     |     |     |     |     |   |   |
| 11  | 1    | 129916-77300               | ADJUSTER, BELT       | 1   |     |     |     |     |     |   |   |
| 12  | 1    | 119810-77340               | BOLT, ADJUST L=30    | 1   |     |     |     |     |     |   |   |
| 13  | 1    | 26014-080252               | BOLT, M8X 25         | 1   |     |     |     |     |     |   |   |
| 14  | 1    | 129211-77920               | TIMER                | 1   |     |     |     |     |     |   |   |
| 15  | 1    | 129908-77940<br>(A=ED8427) | HARNESS              | 1   |     |     |     |     |     | F | 1 |

Remarks

(1) Interchangeable by simultaneous replacement with No. 1-1, 8-1, 9-1, 15.

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.17. GASKET SET



Remarks  
(1)Optional parts.

(A)=4TNV94L-XDBKC  
(D)=  
(E)=  
(F)=

| No.        | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|            |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1          | 1    | 729906-92820 | GASKET SET           | 1    |     |     |     |     |     |   | 1 |
| 1-1        | 1    | 129906-92740 | GASKET SET           | 1    |     |     |     |     |     | N | 1 |
| (A=E77028) |      |              |                      |      |     |     |     |     |     |   |   |
| 2          | 2    | 24351-030750 | O-RING, 1A3075       | 1    |     |     |     |     |     |   |   |
| 3          | 2    | 123907-59550 | GASKET               | 5    |     |     |     |     |     |   |   |
| 4          | 2    | 129906-01340 | GASKET, HEAD         | 1    |     |     |     |     |     |   |   |
| 4-1        | 2    | 129906-01350 | GASKET, HEAD         | 1    |     |     |     |     |     | N |   |
| (A=E77028) |      |              |                      |      |     |     |     |     |     |   |   |
| 5          | 2    | 124160-11340 | SEAL, VALVE STEM     | 8    |     |     |     |     |     |   |   |
| 6          | 2    | 119802-11870 | PROTECTOR, NOZZLE    | 4    |     |     |     |     |     |   |   |
| 7          | 2    | 119625-11880 | SEAT, NOZZLE         | 4    |     |     |     |     |     |   |   |
| 8          | 2    | 129907-11310 | GASKET, BONNET       | 1    |     |     |     |     |     |   |   |
| 9          | 2    | 129907-12110 | GASKET, MANIFOLD     | 1    |     |     |     |     |     |   |   |
| 10         | 2    | 129900-13251 | GASKET, EXH.MANIFOLD | 1    |     |     |     |     |     |   |   |
| 11         | 2    | 129930-13201 | GASKET, SILENCER     | 2    |     |     |     |     |     |   |   |
| 12         | 2    | 119803-11340 | SEAL, VALVE STEM     | 8    |     |     |     |     |     |   |   |
| 13         | 2    | 129900-32030 | O-RING, P20          | 2    |     |     |     |     |     |   |   |
| 14         | 2    | 129900-32040 | O-RING, P14          | 1    |     |     |     |     |     |   |   |
| 15         | 2    | 124465-44950 | GASKET, 16           | 2    |     |     |     |     |     |   |   |
| 16         | 2    | 129900-49870 | GASKET, THERMOSTAT   | 1    |     |     |     |     |     |   |   |
| 17         | 2    | 121850-49550 | GASKET, THERMOSTAT   | 1    |     |     |     |     |     |   |   |
| 18         | 2    | 121850-77021 | GASKET, AIR HEATER   | 1    |     |     |     |     |     |   |   |
| 19         | 2    | 121850-49540 | GASKET, THERMOSTAT   | 1    |     |     |     |     |     |   |   |
| 20         | 2    | 24341-000530 | O-RING, 1AS53.0      | 1    |     |     |     |     |     |   |   |
| 21         | 2    | 22190-220002 | WASHER, SEAL 22      | 1    |     |     |     |     |     |   |   |
| 22         | 2    | 24311-000070 | O-RING, 1AP7.0       | 1    |     |     |     |     |     |   |   |
| 23         | 2    | 24311-000120 | O-RING, 1AP12.0      | 8    |     |     |     |     |     |   |   |
| 24         | 2    | 24311-000320 | O-RING, 1AP32.0      | 3    |     |     |     |     |     |   |   |
| 25         | 2    | 22190-080002 | WASHER, SEAL 6       | 7    |     |     |     |     |     |   |   |
| 26         | 2    | 23414-080000 | GASKET, 8X1.0        | 1    |     |     |     |     |     |   |   |
| 27         | 2    | 124240-01883 | GASKET               | 1    |     |     |     |     |     |   |   |
| 27-1       | 2    | 129C26-01890 | GASKET, HO-P         | 1    |     |     |     |     |     |   | R |
| (A=ED2538) |      |              |                      |      |     |     |     |     |     |   |   |
| 28         | 2    | 129900-42020 | GASKET, WATER PUMP   | 1    |     |     |     |     |     |   |   |
| 29         | 2    | 119129-77020 | GASKET               | 1    |     |     |     |     |     |   |   |
| 30         | 2    | 129150-49360 | GASKET               | 1    |     |     |     |     |     |   | Z |
| (A=E76178) |      |              |                      |      |     |     |     |     |     |   |   |
| 30A        | 2    | 129150-49360 | GASKET               | 1    |     |     |     |     |     |   | W |
| (A=EXXXXX) |      |              |                      |      |     |     |     |     |     |   |   |
| 31         | 1    | 129400-92440 | HONE, FLEX           | 1    |     |     |     |     |     |   | 1 |
| 32         | 1    | 977770-1207F | GASKET,LIQUID        | 1    |     |     |     |     |     |   | 1 |

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| 105025-59750 | 14       | 7        |
| 114250-39450 | 9        | 14       |
| 114250-53080 | 13       | 5        |
| 114250-53120 | 13       | 9        |
| 114250-53130 | 13       | 10       |
| 114250-53140 | 13       | 11       |
| 114250-53210 | 13       | 12       |
| 114250-53400 | 13       | 13       |
| 114371-79070 | 15       | 30       |
| 119000-35140 | 9        | 3        |
| 119005-35151 | 9        | 5        |
| 119005-77050 | 5        | 7        |
| 119005-77051 | 5        | 7 -1     |
| 119117-44760 | 10       | 16       |
| 119129-77020 | 5        | 5        |
|              | 17       | 29       |
| 119129-77520 | 5        | 8        |
| 119131-18320 | 6        | 5        |
| 119131-77550 | 15       | 25       |
| 119233-77932 | 12       | 130      |
| 119305-59120 | 13       | 27       |
| 119593-11301 | 4        | 30       |
| 119620-01750 | 3        | 3        |
| 119620-11180 | 4        | 14       |
| 119625-11880 | 4        | 26       |
|              | 17       | 7        |
| 119640-01640 | 3        | 8        |
| 119640-61400 | 4        | 61       |
| 119660-61901 | 12       | 61       |
| 119802-11870 | 4        | 25       |
|              | 17       | 6        |
| 119802-51590 | 11       | 59       |
| 119802-51600 | 11       | 60       |
| 119802-51680 | 11       | 64       |
| 119802-51690 | 11       | 65       |
| 119803-11340 | 4        | 15       |
|              | 17       | 12       |
| 119803-53400 | 13       | 13 -1    |
| 119810-77340 | 16       | 12       |
| 120130-22301 | 8        | 21       |
| 121250-44901 | 10       | 35       |
| 121254-77810 | 15       | 29       |
| 121450-42450 | 10       | 34       |
| 121520-34810 | 9        | 1        |
| 121750-59890 | 14       | 12       |
| 121850-21130 | 8        | 11       |
| 121850-21290 | 8        | 4        |
| 121850-21920 | 8        | 5        |
| 121850-49540 | 10       | 22       |
|              | 17       | 19       |

| Parts No.    | Fig. No. | Ref. No. |
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| 121850-49550 | 10       | 23       |
|              | 17       | 17       |
| 121850-49800 | 10       | 25       |
| 121850-49801 | 10       | 25 -1    |
| 121850-77021 | 5        | 6        |
|              | 17       | 18       |
| 122780-59100 | 13       | 26       |
| 123900-13610 | 6        | 3        |
| 123900-13630 | 6        | 4        |
| 123900-25060 | 7        | 9        |
| 123900-77210 | 16       | 1        |
| 123900-77510 | 15       | 21       |
| 123900-77520 | 15       | 22       |
| 123900-77540 | 15       | 24       |
| 123900-77700 | 16       | 2        |
| 123900-77720 | 16       | 4        |
| 123900-77730 | 16       | 5        |
| 123900-77740 | 16       | 6        |
| 123900-77750 | 16       | 7        |
| 123907-03100 | 4        | 55       |
| 123907-03110 | 4        | 56       |
| 123907-03120 | 4        | 57       |
| 123907-03140 | 4        | 58       |
| 123907-11280 | 4        | 35       |
| 123907-11550 | 4        | 3        |
| 123907-11601 | 13       | 25       |
| 123907-11820 | 4        | 21       |
| 123907-11830 | 4        | 20       |
| 123907-39500 | 9        | 17       |
| 123907-59540 | 14       | 14       |
| 123907-59550 | 14       | 15       |
|              | 17       | 3        |
| 123907-59560 | 14       | 19       |
| 123944-61420 | 12       | 23       |
| 123944-61430 | 12       | 24       |
| 124160-01751 | 2        | 23       |
|              | 4        | 50       |
| 124160-11340 | 4        | 16       |
|              | 17       | 5        |
| 124160-11360 | 4        | 64       |
| 124240-01871 | 2        | 25       |
| 124240-01883 | 2        | 26       |
|              | 17       | 27       |
| 124465-44950 | 10       | 36       |
|              |          | 37       |
|              | 17       | 15       |
| 124722-59050 | 10       | 41       |
|              |          | 44       |
|              | 14       | 17       |
| 124766-59050 | 14       | 5        |

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| 124766-59050 | 14       | 9        |
| 129001-91810 | 2        | 12       |
|              |          | 13       |
| 129004-55612 | 14       | 1        |
| 129005-59830 | 9        | 19       |
| 129008-51920 | 11       | 3 G      |
| 129100-01580 | 2        | 4        |
|              | 3        | 1        |
| 129150-02450 | 7        | 4        |
| 129150-11230 | 4        | 38       |
|              |          | 42       |
| 129150-11750 | 4        | 19       |
|              |          | 39       |
|              |          | 43       |
| 129150-14200 | 7        | 1        |
| 129150-25920 | 7        | 13       |
| 129150-49360 | 10       | 45       |
|              |          | 46       |
|              | 17       | 30       |
|              |          | 30 A     |
| 129150-59131 | 13       | 30       |
|              |          | 34       |
| 129155-51280 | 12       | 5        |
| 129155-61460 | 12       | 30       |
| 129211-77920 | 16       | 14       |
| 129242-55730 | 14       | 24       |
| 129242-55740 | 14       | 25       |
| 129242-55750 | 14       | 26       |
| 129242-55760 | 14       | 27       |
| 129242-55770 | 14       | 28       |
| 129245-55710 | 14       | 22       |
| 129245-55711 | 14       | 22 -1    |
| 129245-55720 | 14       | 23       |
| 129255-61410 | 12       | 22       |
| 129400-92440 | 17       | 31       |
| 129457-59010 | 14       | 4        |
| 129470-77340 | 16       | 8        |
| 129486-59551 | 14       | 16       |
| 129509-51390 | 11       | 20 A     |
| 129550-59120 | 13       | 31       |
| 129612-52100 | 14       | 21       |
| 129612-77710 | 16       | 3        |
| 129900-01200 | 1        | 27       |
| 129900-01250 | 1        | 4        |
| 129900-01850 | 2        | 28       |
| 129900-01870 | 2        | 29       |
| 129900-02020 | 1        | 6        |
| 129900-02341 | 1        | 33       |
| 129900-02410 | 1        | 9        |
| 129900-02931 | 1        | 24       |

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| 129900-02941 | 1        | 36       |
| 129900-07900 | 4        | 1        |
| 129900-13200 | 6        | 1        |
| 129900-13251 | 6        | 2        |
|              | 17       | 10       |
| 129900-14100 | 7        | 6        |
| 129900-21200 | 8        | 3        |
| 129900-21600 | 8        | 14       |
| 129900-23001 | 8        | 23       |
| 129900-23200 | 8        | 26       |
| 129900-23601 | 8        | 27       |
| 129900-23611 | 8        | 30       |
| 129900-23911 | 8        | 29       |
| 129900-25100 | 7        | 10       |
| 129900-32001 | 2        | 8        |
| 129900-32030 | 2        | 10       |
|              | 9        | 6        |
|              | 17       | 13       |
| 129900-32040 | 2        | 11       |
|              | 17       | 14       |
| 129900-42020 | 10       | 11       |
|              | 17       | 28       |
| 129900-49870 | 10       | 30       |
|              | 17       | 16       |
| 129902-21000 | 8        | 1        |
| 129906-01340 | 1        | 28       |
|              | 17       | 4        |
| 129906-01350 | 1        | 28 -2    |
|              | 17       | 4 -1     |
| 129906-22050 | 8        | 17       |
| 129906-22080 | 8        | 15       |
| 129906-22090 | 8        | 15 -1    |
| 129906-22900 | 8        | 32 -1    |
| 129906-22910 | 8        | 32 -2    |
| 129906-34851 | 9        | 2        |
| 129906-42420 | 10       | 14       |
| 129906-42421 | 10       | 14 -1    |
| 129906-51580 | 11       | 57       |
| 129906-53000 | 13       | 2        |
| 129906-92740 | 17       | 1 -1     |
| 129907-01190 | 1        | 29       |
| 129907-01331 | 1        | 28 -1    |
| 129907-01500 | 2        | 7        |
| 129907-01950 | 11       | 129      |
| 129907-01960 | 11       | 130      |
| 129907-03011 | 4        | 52       |
| 129907-03061 | 4        | 53       |
| 129907-03070 | 4        | 54       |
| 129907-11100 | 4        | 11       |
| 129907-11110 | 4        | 12       |

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| 129907-11120 | 4        | 13       |
| 129907-11250 | 4        | 32       |
| 129907-11260 | 4        | 33       |
| 129907-11270 | 4        | 34       |
| 129907-11310 | 4        | 60       |
|              | 17       | 8        |
| 129907-11321 | 4        | 51       |
| 129907-11341 | 4        | 31       |
| 129907-11510 | 4        | 17       |
| 129907-11650 | 4        | 36       |
| 129907-11660 | 4        | 40       |
| 129907-11700 | 4        | 4        |
| 129907-11800 | 4        | 24       |
| 129907-11910 | 4        | 27       |
| 129907-11920 | 4        | 44       |
| 129907-11950 | 4        | 28       |
| 129907-12100 | 5        | 1        |
| 129907-12110 | 5        | 2        |
|              | 17       | 9        |
| 129907-14400 | 7        | 2        |
| 129907-14581 | 7        | 3        |
| 129907-25900 | 7        | 16       |
| 129907-39061 | 9        | 15       |
| 129907-42000 | 10       | 1        |
| 129907-42001 | 10       | 1 -1     |
| 129907-49610 | 10       | 38       |
| 129907-49620 | 10       | 42       |
| 129907-49710 | 10       | 39       |
| 129907-49720 | 10       | 43       |
| 129907-49730 | 10       | 24       |
| 129907-49750 | 10       | 40       |
| 129907-51560 | 11       | 53       |
| 129907-55801 | 14       | 2        |
| 129907-59140 | 14       | 13       |
| 129907-59710 | 13       | 35       |
| 129907-59810 | 13       | 37       |
| 129907-59820 | 13       | 38       |
| 129907-59830 | 13       | 39       |
| 129907-59840 | 13       | 40       |
| 129908-14581 | 7        | 3 -1     |
| 129908-77210 | 16       | 1 -1     |
| 129908-77220 | 16       | 9 -1     |
| 129908-77360 | 16       | 8 -1     |
| 129908-77940 | 16       | 15       |
| 129916-01710 | 3        | 7        |
| 129916-01790 | 3        | 6        |
| 129916-01800 | 2        | 3        |
| 129916-21590 | 8        | 12       |
| 129916-21610 | 8        | 7        |
| 129916-21620 | 8        | 8        |

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| 129916-22950 | 8        | 34 -1    |
| 129916-42410 | 10       | 14 -2    |
| 129916-49530 | 10       | 21       |
| 129916-59020 | 11       | 127      |
| 129916-77300 | 16       | 11       |
| 129927-42140 | 2        | 11 A     |
| 129928-51900 | 11       | 3 F      |
| 129930-13201 | 6        | 7        |
|              | 17       | 11       |
| 129933-11310 | 4        | 60 -1    |
| 129940-77010 | 15       | 1        |
| 129940-77011 | 15       | 1 -1     |
| 129940-77100 | 15       | 2        |
| 129940-77130 | 15       | 5        |
| 129940-77140 | 15       | 6        |
| 129940-77150 | 15       | 7        |
| 129940-77160 | 15       | 8        |
| 129940-77170 | 15       | 9        |
| 129940-77171 | 15       | 9 -1     |
| 129940-77180 | 15       | 10       |
| 129940-77181 | 15       | 10 -1    |
| 129940-77190 | 15       | 11       |
| 129940-77200 | 15       | 12       |
| 129940-77210 | 15       | 13       |
| 129940-77220 | 15       | 14       |
| 129940-77221 | 15       | 14 -1    |
| 129940-77230 | 15       | 15       |
| 129940-77240 | 15       | 16       |
| 129940-77250 | 15       | 17       |
| 129940-77260 | 15       | 18       |
| 129940-77270 | 15       | 19       |
| 129940-77280 | 15       | 20       |
| 129946-49810 | 10       | 18       |
| 129950-59221 | 14       | 10       |
| 129951-01740 | 2        | 5        |
| 129953-25300 | 7        | 15       |
| 129953-35000 | 9        | 7        |
| 129957-59120 | 14       | 6        |
| 129960-21640 | 8        | 9        |
| 129980-59510 | 14       | 11       |
| 129981-01600 | 3        | 2        |
| 129981-59010 | 14       | 8        |
| 129C26-01890 | 2        | 26 -1    |
|              | 17       | 27 -1    |
| 144626-51090 | 11       | 9        |
| 158552-51570 | 11       | 54       |
| 158552-51571 | 11       | 54 -1    |
| 158552-51580 | 11       | 58       |
| 158552-51670 | 11       | 125      |
| 158552-51781 | 11       | 96       |

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| 158552-52100 | 11       | 102      |
| 158552-52310 | 11       | 104      |
| 158552-52311 | 11       | 104 -1   |
| 158552-52400 | 11       | 105      |
| 158552-52500 | 11       | 103      |
| 158552-61900 | 12       | 75       |
| 158553-51551 | 11       | 51       |
| 158553-51630 | 11       | 69       |
| 158553-51640 | 11       | 71       |
| 158553-51660 | 11       | 73       |
| 158553-51670 | 11       | 63       |
| 158553-51680 | 11       | 74       |
| 158553-51930 | 11       | 100 -1   |
| 158557-51570 | 11       | 55       |
| 158560-51600 | 11       | 68       |
| 158560-61050 | 12       | 2        |
| 158560-61061 | 12       | 87       |
| 158560-61071 | 12       | 3        |
| 158560-61430 | 12       | 26       |
| 158560-61442 | 12       | 27       |
| 158563-51150 | 11       | 12       |
| 158563-51281 | 11       | 19       |
|              | 20       | 20       |
| 158563-51330 | 11       | 29       |
| 158600-51270 | 11       | 18       |
| 158601-51550 | 11       | 52       |
| 158601-51570 | 11       | 56       |
| 158601-51650 | 11       | 72       |
| 158601-51770 | 11       | 95       |
| 158601-51790 | 11       | 97       |
| 171031-11741 | 2        | 31       |
|              | 33       | 33       |
| 171051-01921 | 1        | 5        |
| 171056-49120 | 9        | 26       |
| 22190-080002 | 9        | 20       |
|              | 22       | 22       |
|              | 24       | 24       |
|              | 14       | 20       |
|              | 17       | 25       |
| 22190-120002 | 11       | 98       |
|              | 107      | 107      |
|              | 108      | 108      |
| 22190-160002 | 12       | 79       |
| 22190-180002 | 11       | 99       |
|              | 109      | 109      |
| 22190-220002 | 3        | 10       |
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| 22217-180000 | 11       | 110      |
| 22252-000300 | 8        | 22       |
| 22312-050140 | 11       | 111      |

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| 22351-050010 | 11       | 112      |
| 22351-060012 | 1        | 10       |
| 22512-070140 | 7        | 7        |
|              | 8        | 6        |
| 22857-500100 | 4        | 62       |
|              |          | 63       |
| 23414-080000 | 10       | 31       |
|              | 17       | 26       |
| 23857-030000 | 9        | 21       |
| 23857-060000 | 11       | 113      |
| 23875-030000 | 10       | 27       |
| 23876-020000 | 4        | 8        |
| 23876-030000 | 1        | 11       |
|              |          | 12       |
|              |          | 13       |
|              | 4        | 9        |
| 23887-120002 | 11       | 100      |
| 23887-160002 | 12       | 82       |
| 24311-000070 | 2        | 14       |
|              | 11       | 114      |
|              | 17       | 22       |
| 24311-000120 | 4        | 29       |
|              |          | 65       |
|              | 17       | 23       |
| 24311-000160 | 14       | 29       |
| 24311-000320 | 2        | 24       |
|              |          | 32       |
|              |          | 34       |
|              | 4        | 66       |
|              | 17       | 24       |
| 24321-000750 | 14       | 30       |
| 24341-000530 | 8        | 10       |
|              | 17       | 20       |
| 24351-030750 | 2        | 15       |
|              | 17       | 2        |
| 24356-010200 | 11       | 66       |
|              |          | 115      |
| 24356-020210 | 11       | 116      |
| 24356-190200 | 11       | 66 -1    |
|              |          | 115 -1   |
| 24356-240210 | 11       | 116 -1   |
| 24372-000150 | 11       | 67       |
| 25153-004400 | 10       | 15       |
| 26014-080252 | 16       | 13       |
| 26106-060102 | 11       | 117      |
|              | 12       | 25       |
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| 26106-060142 | 12       | 83       |

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| 26106-060202 | 10       | 29       |
| 26106-060252 | 12       | 84       |
| 26106-060302 | 10       | 12       |
| 26106-060352 | 11       | 118      |
| 26106-060402 | 12       | 85       |
| 26106-080122 | 3        | 11       |
|              | 9        | 12       |
|              |          | 23       |
|              |          | 25       |
|              | 10       | 32       |
| 26106-080162 | 2        | 16       |
|              |          | 17       |
|              |          | 27       |
|              |          | 30       |
|              | 4        | 2        |
|              | 7        | 8        |
|              | 9        | 13       |
|              | 11       | 131      |
| 26106-080182 | 13       | 42       |
| 26106-080202 | 2        | 16 -1    |
|              |          | 18       |
| 26106-080222 | 11       | 132      |
|              |          | 133      |
| 26106-080302 | 14       | 3        |
| 26106-080402 | 2        | 19       |
|              |          | 20       |
|              | 4        | 46       |
|              | 5        | 9        |
| 26106-080452 | 2        | 20 -1    |
|              |          | 21       |
| 26106-080552 | 5        | 3        |
|              | 7        | 14       |
|              | 10       | 13       |
| 26106-080602 | 4        | 47       |
|              |          | 48       |
|              | 10       | 33       |
| 26106-080702 | 2        | 12 -1    |
|              |          | 13 -1    |
| 26106-080752 | 2        | 13 -2    |
| 26106-080802 | 10       | 17       |
| 26106-080852 | 5        | 4        |
| 26106-080902 | 5        | 10       |
| 26106-100202 | 11       | 134      |
| 26106-120252 | 15       | 31 -1    |
| 26116-101202 | 16       | 9        |
| 26116-120252 | 15       | 31       |
| 26206-100352 | 3        | 4        |
| 26206-100702 | 3        | 5        |
| 26216-100302 | 2        | 9        |

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| 26226-080222 | 4        | 45       |
| 26306-080002 | 4        | 49       |
|              | 6        | 6        |
| 26306-100002 | 2        | 22       |
|              | 16       | 10       |
| 26450-100452 | 11       | 121      |
| 26756-060002 | 12       | 67       |
| 26776-180002 | 11       | 122      |
| 27241-300000 | 1        | 14       |
| 27241-400000 | 4        | 10       |
| 27310-070001 | 4        | 22       |
| 729900-02801 | 1        | 30       |
| 729906-01561 | 1        | 1        |
| 729906-22900 | 8        | 32       |
| 729906-22950 | 8        | 34       |
| 729906-51332 | 11       | 1        |
| 729906-53100 | 13       | 1        |
| 729906-92820 | 17       | 1        |
| 729907-01559 | 2        | 1        |
| 977770-1207F | 17       | 32       |
| X2240610100  | 15       | 23       |

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