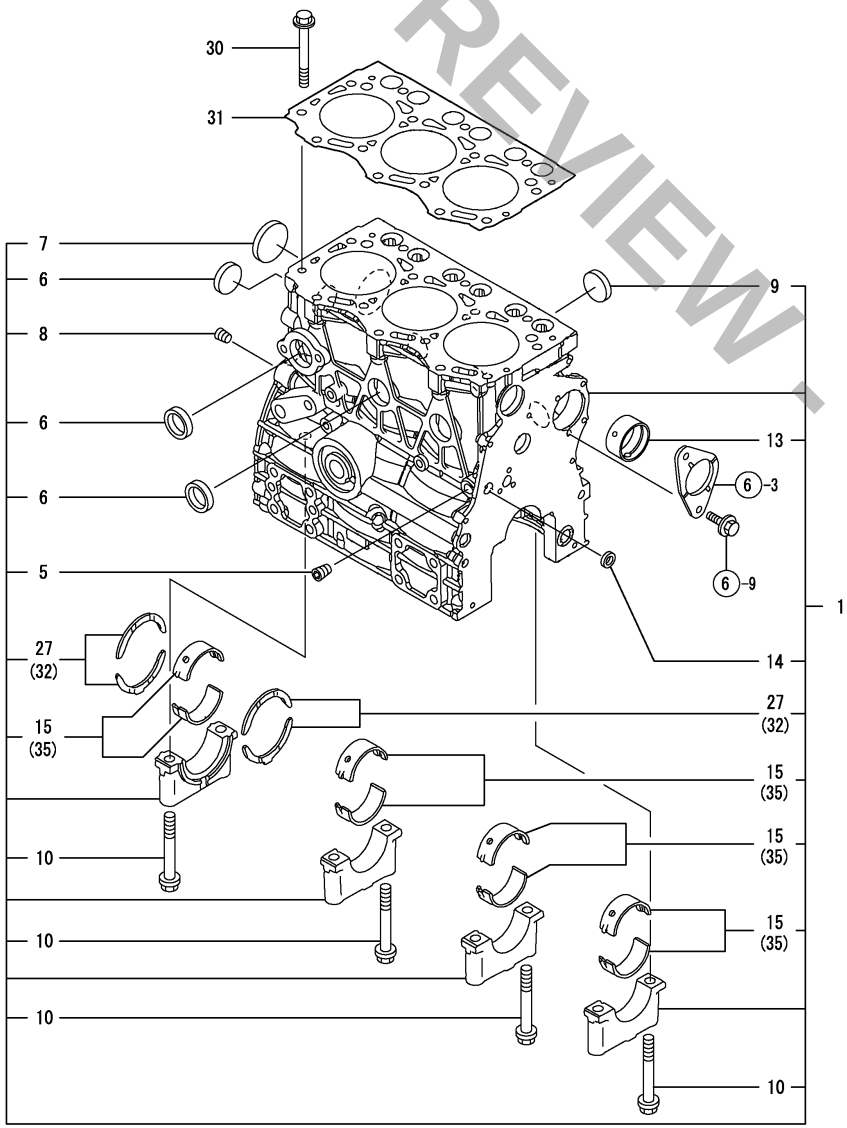
# Fig.1. CYLINDER BLOCK




(A)=3TNV76-CPE (D)=
(B)= (E)=
(C)= (F)=

| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 719717-01561 | BLOCK ASSY, CYLINDER | 1 | | | | | | | |
| 5 | 2 | 124060-01050 | PLUG, PT1/8 | 1 | | | | | | | |
| 6 | 2 | 105311-01090 | PLUG, 30 | 4 | | | | | | | |
| 7 | 2 | 119623-01250 | PLUG, 45 | 1 | | | | | | | |
| 8 | 2 | 124160-01910 | PLUG, PT1/4 | 1 | | | | | | | |
| 9 | 2 | 119285-01990 | PLUG, 25 | 3 | | | | | | | |
| 10 | 2 | 119620-02020 | BOLT, METAL CAP | 8 | | | | | | | |
| 13 | 2 | 119717-02410 | BUSH, CAMSHAFT | 1 | | | | | | | |
| 14 | 2 | 27241-120000 | PLUG, 12 | 1 | | | | | | | |
| 15 | 2 | 719717-02900 | BEARING, MAIN | 4 | | | | | | | 2 |
| 27 | 2 | 119810-02930 | BEARING, THRUST | 1 | | | | | | | |
| 30 | 1 | 119810-01200 | BOLT, HEAD | 14 | | | | | | | |
| 31 | 1 | 119717-01330 | GASKET, HEAD | 1 | | | | | | | |
| 32 | 1 | 119810-02940 | BEARING, THRUST 0.25 | 2 | | | | | | | 1 |
| 35 | 1 | 719717-02910 | BEARING, 0.25 US | 4 | | | | | | | 3 |

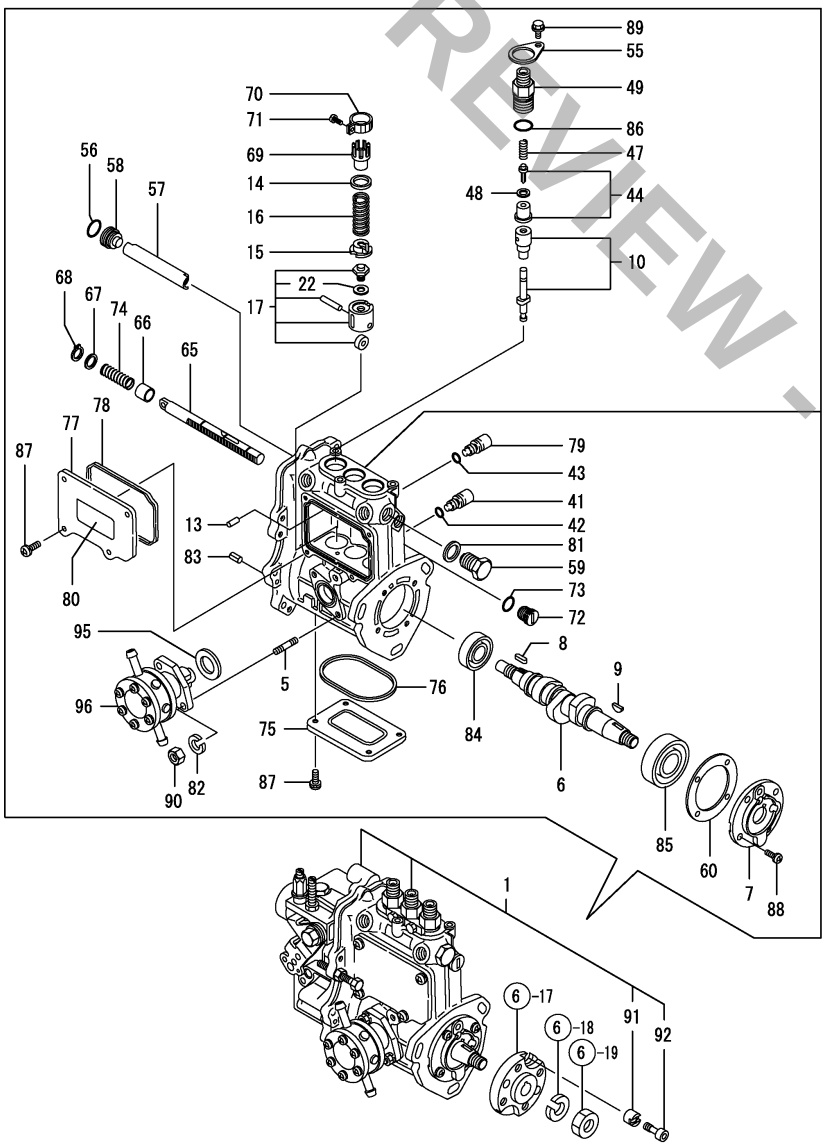
Remarks
(1) OVER-SIZE(O.S=0.25)PART.
(2) REPAIR PART.
(3) UNDER-SIZE(U.S=0.25)PART.

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

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# Fig.10. FUEL INJECTION PUMP




Remarks
(1) GOVERNOR ASSY(FIG.11) IS INCORPORATED IN THIS FOP.CMP (REF.NO.1).

(A)=3TNV76-CPE (B)= (C)= (D)= (E)= (F)=

| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 719717-51360 | PUMP ASSY, INJECTION | 1 | | | | | | | 1 |
| 5 | 2 | 129155-51020 | STUD | 2 | | | | | | | |
| 6 | 2 | 119717-51030 | CAMSHAFT | 1 | | | | | | | |
| 7 | 2 | 119717-51060 | SUPPORT, CAMSHAFT | 1 | | | | | | | |
| 8 | 2 | 119717-51070 | KEY | 1 | | | | | | | |
| 9 | 2 | 122710-51090 | KEY | 1 | | | | | | | |
| 10 | 2 | 119717-51100 | PLUNGER ASSY | 3 | | | | | | | |
| 13 | 2 | 129155-51140 | PIN | 3 | | | | | | | |
| 14 | 2 | 158600-51170 | RETAINER, SPRING | 3 | | | | | | | |
| 15 | 2 | 119717-51180 | RETAINER, SPRING | 3 | | | | | | | |
| 16 | 2 | 119717-51190 | SPRING, PLUNGER | 3 | | | | | | | |
| 17 | 2 | 119717-51200 | TAPPET ASSY | 3 | | | | | | | |
| 22 | 3 | 129155-51600 | SHIM SET, ADJUSTING | 1 | | | | | | | |
| 41 | 2 | 158600-51270 | STOPPER, TAPPET | 3 | | | | | | | |
| 42 | 2 | 129155-51280 | O-RING, S6 | 3 | | | | | | | |
| 43 | 2 | 129155-51280 | O-RING, S6 | 1 | | | | | | | |
| 44 | 2 | 119717-51300 | VALVE ASSY, DELIVERY | 3 | | | | | | | |
| 47 | 2 | 119717-51330 | SPRING, DELIVERY | 3 | | | | | | | |
| 48 | 2 | 124550-51350 | GASKET, DELIVERY | 3 | | | | | | | |
| 49 | 2 | 158600-51441 | VALVE ASSY, DELIVERY | 3 | | | | | | | |
| 55 | 2 | 118400-51370 | LOCKING | 3 | | | | | | | |
| 56 | 2 | 119717-51420 | O-RING | 1 | | | | | | | |
| 57 | 2 | 129155-51400 | DEFLECTOR | 1 | | | | | | | |
| 58 | 2 | 158600-51410 | PLUG, DEFLECTOR | 1 | | | | | | | |
| 59 | 2 | 158600-51420 | PLUG, DEFLECTOR | 1 | | | | | | | |
| 60 | 2 | 129155-51450 | SHIM SET, ADJUSTING | 1 | | | | | | | |
| 65 | 2 | 119717-51500 | RACK, CONTROL | 1 | | | | | | | |
| 66 | 2 | 129155-51521 | BUSH, RACK | 1 | | | | | | | |
| 67 | 2 | 129155-51530 | SPACER | 1 | | | | | | | |
| 68 | 2 | 129155-51540 | CIRCLIP | 1 | | | | | | | |
| 69 | 2 | 129155-51550 | PINION, CONTROL | 3 | | | | | | | |
| 70 | 2 | 129100-51560 | PINION | 3 | | | | | | | |
| 71 | 2 | 129100-51570 | SCREW | 3 | | | | | | | |
| 72 | 2 | 158600-51570 | PLUG | 1 | | | | | | | |
| 73 | 2 | 129155-51580 | O-RING | 1 | | | | | | | |
| 74 | 2 | 129155-51591 | SPRING, RACK | 1 | | | | | | | |
| 75 | 2 | 129155-51701 | COVER | 1 | | | | | | | |
| 76 | 2 | 119717-51710 | GASKET | 1 | | | | | | | |
| 77 | 2 | 119717-51750 | COVER | 1 | | | | | | | |
| 78 | 2 | 119717-51760 | GASKET | 1 | | | | | | | |
| 79 | 2 | 158600-51790 | STOOPER, RACK | 1 | | | | | | | |
| 80 | 2 | 129156-51910 | LABEL, CAUTION | 1 | | | | | | | |
| 81 | 2 | 22190-160002 | WASHER, SEAL 16 | 1 | | | | | | | |
| 82 | 2 | 22217-060000 | WASHER, SPRING 6 | 2 | | | | | | | |
| 83 | 2 | 22351-050010 | PIN, SPRING 5.0X10 | 2 | | | | | | | |
| 84 | 2 | 24101-060034 | BEARING, BALL 6003 | 1 | | | | | | | |
| 85 | 2 | 24101-063034 | BEARING, BALL 6303 | 1 | | | | | | | |
| 86 | 2 | 24316-000150 | O-RING, 4DP15.0 | 3 | | | | | | | |
| 87 | 2 | 26022-050122 | SCREW, M5X12 | 8 | | | | | | | |
| 88 | 2 | 26022-060162 | SCREW, M6X16 | 4 | | | | | | | |
| 89 | 2 | 26106-050102 | BOLT, M5X 10 PLATED | 3 | | | | | | | |

N:Old ⇄(Yes/No) New, Q:Old ⇄(No/Yes) New, R:Old ⇄(Yes/Yes) New, S:Old ⇄(No/No) New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

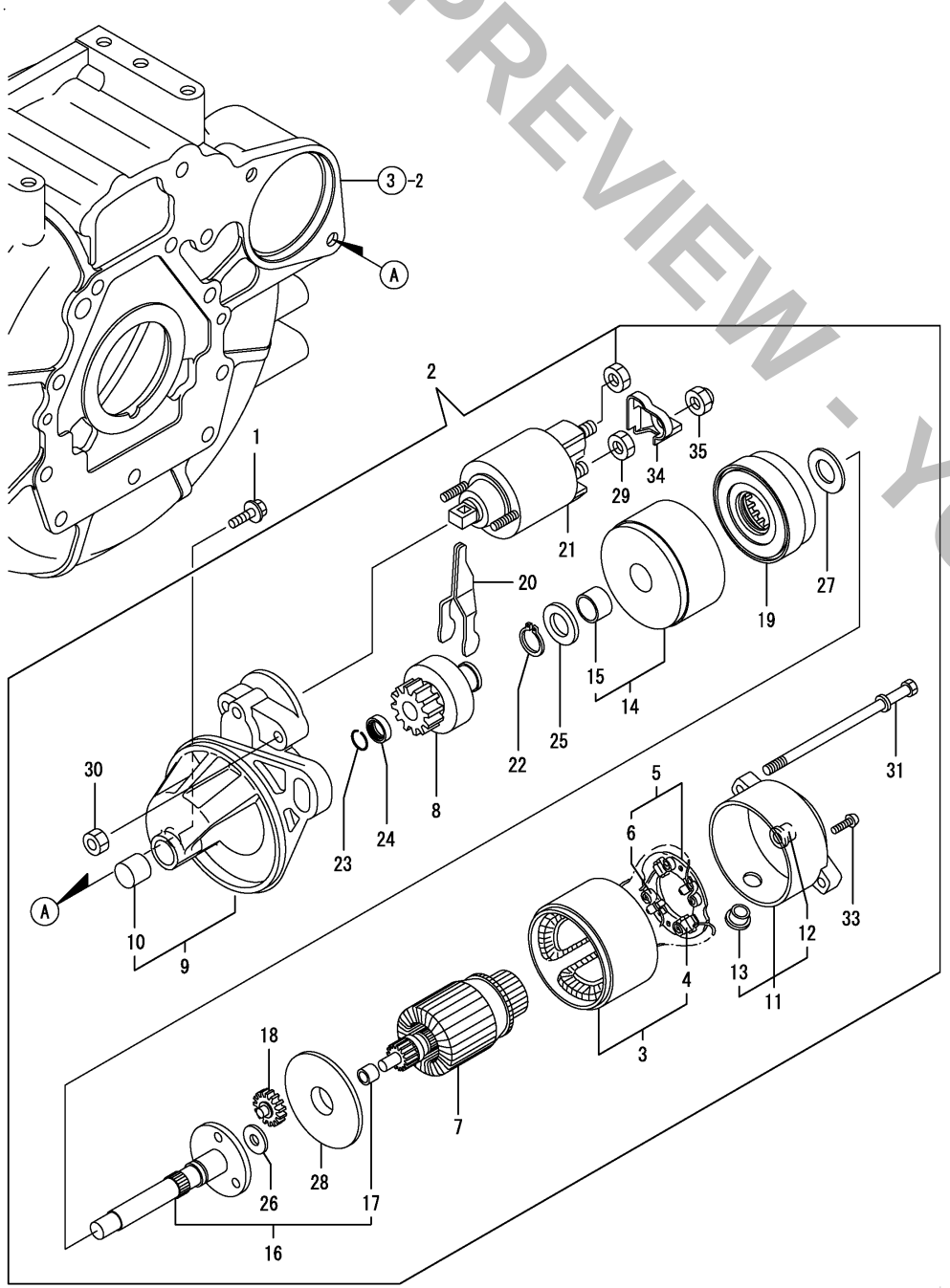
++ CONTINUE ++

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0CW10-M05300

# Fig.14. STARTING MOTOR




(A)=3TNV76-CPE (D)=
(B)= (E)=
(C)= (F)=

| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 26106-100252 | BOLT, M10X 25 PLATED | 2 | | | | | | | |
| 2 | 1 | 119717-77010 | STARTER, P1.1 | 1 | | | | | | | |
| 3 | 2 | X0281007750 | YOKE ASSY | 1 | | | | | | | |
| 4 | 3 | X0280996180 | STARTER KIT | 2 | | | | | | | |
| 5 | 2 | X0285105190 | HOLDER ASSY | 1 | | | | | | | |
| 6 | 3 | X0285205030 | SPRING | 4 | | | | | | | |
| 7 | 2 | X0282005991 | ARMATURE ASSY | 1 | | | | | | | |
| 8 | 2 | X0283006960 | CLUTCH ASSY | 1 | | | | | | | |
| 9 | 2 | X4284001590 | HOUSING ASSY,STARTER | 1 | | | | | | | |
| 10 | 3 | X9491050100 | BEARING, NEEDLE | 1 | | | | | | | |
| 11 | 2 | X0285007030 | FRAME ASSY. | 1 | | | | | | | |
| 12 | 3 | X9491040990 | BEARING | 1 | | | | | | | |
| 13 | 3 | X0280626010 | COVER | 1 | | | | | | | |
| 14 | 2 | X0284105040 | BEARING ASSY | 1 | | | | | | | |
| 15 | 3 | X9491034330 | BEARING | 1 | | | | | | | |
| 16 | 2 | X0286105010 | SHAFT ASSY | 1 | | | | | | | |
| 17 | 3 | X9491034320 | BEARING | 1 | | | | | | | |
| 18 | 2 | X0286305010 | GEAR | 3 | | | | | | | |
| 19 | 2 | X0286355010 | GEAR | 1 | | | | | | | |
| 20 | 2 | X0287405140 | LEVER | 1 | | | | | | | |
| 21 | 2 | X0534007800 | SWITCH ASSY | 1 | | | | | | | |
| 22 | 2 | X9055715000 | RING | 1 | | | | | | | |
| 23 | 2 | X9490721360 | RING | 1 | | | | | | | |
| 24 | 2 | X0280210331 | NUT | 1 | | | | | | | |
| 25 | 2 | X9490138110 | WASHER | 1 | | | | | | | |
| 26 | 2 | X9490138090 | WASHER | 1 | | | | | | | |
| 27 | 2 | X9490138100 | WASHER | 1 | | | | | | | |
| 28 | 2 | X0284525010 | PLATE | 1 | | | | | | | |
| 29 | 2 | X9490562360 | NUT | 1 | | | | | | | |
| 30 | 2 | X9490560750 | NUT | 2 | | | | | | | |
| 31 | 2 | X9490423420 | BOLT, THROUGH | 2 | | | | | | | |
| 33 | 2 | X9490065670 | SCREW, M4X6 | 2 | | | | | | | |
| 34 | 2 | X0280335350 | COVER, TERMINAL | 1 | | | | | | | |
| 35 | 2 | X1289510130 | NUT | 1 | | | | | | | |

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

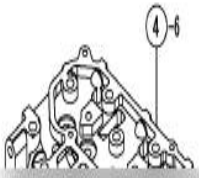
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# Fig.9. COOLING WATER SYSTEM

(A)=3TNV76-CPE (D)=
(B)= (E)=
(C)= (F)=

| No. | Lev. | Parts No. | Description | Q'ty (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 119717-42002 | PUMP ASSY, WATER | 1 | | | | | | | |
| 1-1 | 1 | 119E10-42000 | PUMP ASSY, WATER | 1 | | | | | | | N |
| | (A=E/ B0160) | | | | | | | | | | |
| 3 | 2 | 119717-42041 | COVER | 1 | | | | | | | |
| 4 | 2 | 119717-42031 | GASKET | 1 | | | | | | | |
| 9 | 2 | 26577-060122 | SCREW, M6X12 | 4 | | | | | | | |
| 10 | 2 | 27241-250000 | PLUG, 25 | 1 | | | | | | | |
| 11 | 2 | 119717-42320 | O-RING, P26 | 1 | | | | | | | |




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# Contents


| Fig. No. | Fig. Name | Fig. No. | Fig. Name |
|---|---|---|---|
| ENGINE SECTION 3TNV76-CPE | | | |
| 1. CYLINDER BLOCK | | | |
| 2. GEAR HOUSING | | | |
| 3. FLYWHEEL HOUSING & OIL SUMP | | | |



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