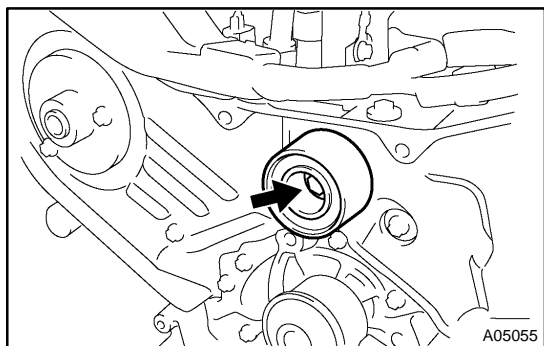


WATER PUMP ASSY (3MZ-FE)

1602G-13

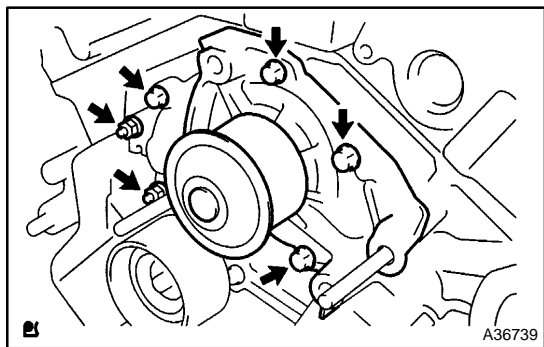
REPLACEMENT

1. DRAIN ENGINE COOLANT (See page 16-26)
2. REMOVE FRONT WHEEL RH
3. REMOVE FRONT FENDER APRON SEAL RH
4. REMOVE V BELT NO. 1 (See page 14-125)
5. REMOVE VANE PUMP V BELT (See page 14-125)
6. REMOVE ENGINE MOVING CONTROL ROD (See page 14-149)
7. REMOVE ENGINE MOUNTING STAY NO.2 RH (See page 14-149)
8. REMOVE GENERATOR BRACKET NO.2
9. REMOVE CRANKSHAFT PULLEY (See page 14-173)
10. REMOVE TIMING BELT NO.1 COVER
11. REMOVE TIMING BELT NO.2 COVER
12. REMOVE ENGINE MOUNTING BRACKET RH
13. REMOVE TIMING BELT GUIDE NO.2
14. REMOVE TIMING BELT (See page 14-173)



15. REMOVE TIMING BELT IDLER SUB-ASSY NO.2
 - (a) Remove the bolt and timing belt idler.

16. REMOVE CAMSHAFT TIMING PULLEY (See page 14-173)
17. REMOVE TIMING BELT NO.3 COVER



18. REMOVE WATER PUMP ASSY
 - (a) Remove the 4 bolts, 2 nuts and water pump.

19. INSTALL WATER PUMP ASSY
 - (a) Install a new gasket and the water pump with the 4 bolts and 2 nuts.
Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)
20. INSTALL TIMING BELT NO.3 COVER (See page 14-173)
21. INSTALL CAMSHAFT TIMING PULLEY (See page 14-173)

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22. **INSTALL TIMING BELT IDLER SUB-ASSY NO.2**
Torque: 34 N·m (347 kgf·cm, 25 ft·lbf)
23. **INSPECT TIMING BELT** (See page [14-173](#))
24. **INSTALL TIMING BELT** (See page [14-173](#))
25. **INSTALL TIMING BELT TENSIONER ASSY** (See page [14-173](#))
26. **INSTALL TIMING BELT GUIDE NO.2** (See page [14-173](#))
27. **INSTALL ENGINE MOUNTING BRACKET RH**
Torque: 54 N·m (551 kgf·cm, 40 ft·lbf)
28. **INSTALL TIMING BELT NO.2 COVER** (See page [14-173](#))
29. **INSTALL TIMING BELT NO.1 COVER** (See page [14-173](#))
30. **INSTALL CRANKSHAFT PULLEY** (See page [14-173](#))
31. **INSTALL GENERATOR BRACKET NO.2**
Torque: 43 N·m (438 kgf·cm, 32 ft·lbf)
32. **INSTALL ENGINE MOUNTING STAY NO.2 RH** (See page [14-149](#))
33. **INSTALL ENGINE MOVING CONTROL ROD** (See page [14-149](#))
34. **INSTALL VANE PUMP V BELT** (See page [14-125](#))
35. **INSTALL V BELT NO. 1** (See page [14-125](#))
36. **INSPECT DRIVE BELT TENSION** (See page [14-125](#))
37. **ADD ENGINE COOLANT** (See page [16-26](#))
38. **CHECK FOR ENGINE COOLANT LEAKS** (See page [16-20](#))
39. **INSTALL FRONT WHEEL RH**