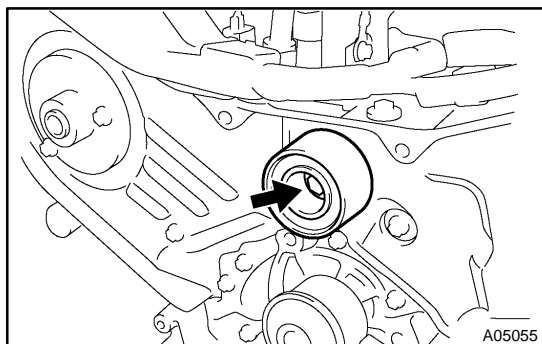


WATER PUMP ASSY (1MZ-FE/3MZ-FE)

1602G-14

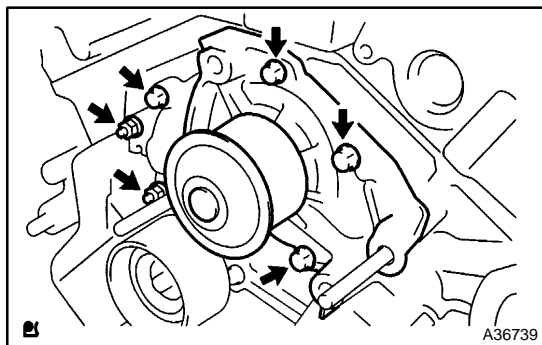
REPLACEMENT

1. DRAIN ENGINE COOLANT (See page 16-27)
2. REMOVE FRONT WHEEL RH
3. REMOVE FRONT FENDER APRON SEAL RH
4. REMOVE V BELT NO. 1 (See page 14-140)
5. REMOVE VANE PUMP V BELT (See page 14-140)
6. REMOVE ENGINE MOVING CONTROL ROD (See page 14-164)
7. REMOVE ENGINE MOUNTING STAY NO.2 RH (See page 14-164)
8. REMOVE GENERATOR BRACKET NO.2
9. REMOVE CRANKSHAFT PULLEY (See page 14-186)
10. REMOVE TIMING BELT NO.1 COVER (See page 14-186)
11. REMOVE TIMING BELT NO.2 COVER (See page 14-186)
12. REMOVE ENGINE MOUNTING BRACKET RH
13. REMOVE TIMING BELT GUIDE NO.2
14. REMOVE TIMING BELT (See page 14-186)



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

16. REMOVE CAMSHAFT TIMING PULLEY (See page 14-186)
17. REMOVE TIMING BELT NO.3 COVER (See page 14-186)



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 N·m (82 kgf·cm, 71 in.·lbf)
20. INSTALL TIMING BELT NO.3 COVER (See page 14-186)
21. INSTALL CAMSHAFT TIMING PULLEY (See page 14-186)

22. **INSTALL TIMING BELT IDLER SUB-ASSY NO.2**
Torque: 43 N·m (438 kgf·cm, 32 ft·lbf)
23. **INSPECT TIMING BELT** (See page [14-186](#))
24. **INSTALL TIMING BELT** (See page [14-186](#))
25. **INSTALL TIMING BELT GUIDE NO.2**
26. **INSTALL ENGINE MOUNTING BRACKET RH**
Torque: 28 N·m (286 kgf·cm, 21 ft·lbf)
27. **INSTALL TIMING BELT NO.2 COVER** (See page [14-186](#))
28. **INSTALL TIMING BELT NO.1 COVER** (See page [14-186](#))
29. **INSTALL CRANKSHAFT PULLEY** (See page [14-186](#))
30. **INSTALL GENERATOR BRACKET NO.2**
Torque: 28 N·m (286 kgf·cm, 21 ft·lbf)
31. **INSTALL ENGINE MOUNTING STAY NO.2 RH** (See page [14-164](#))
32. **INSTALL ENGINE MOVING CONTROL ROD** (See page [14-164](#))
33. **INSTALL VANE PUMP V BELT** (See page [14-140](#))
34. **INSTALL V BELT NO. 1** (See page [14-140](#))
35. **INSPECT DRIVE BELT TENSION** (See page [14-136](#))
36. **ADD ENGINE COOLANT** (See page [16-27](#))
37. **CHECK FOR ENGINE COOLANT LEAKS** (See page [16-21](#))
38. **INSTALL FRONT WHEEL RH**