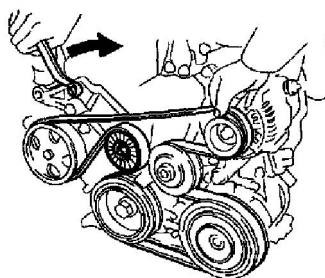


Water Pump: Service and Repair

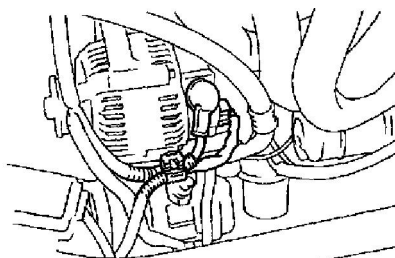
WATER PUMP ASSY

REPLACEMENT

1. REMOVE ENGINE UNDER COVER RH
2. DRAIN COOLANT

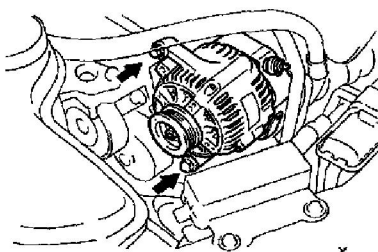


3. REMOVE FAN AND GENERATOR V BELT

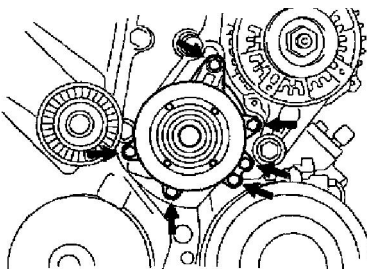


4. REMOVE GENERATOR ASSY

- a. Disconnect this wire clamp from the wire clip on the rectifier end frame.
- b. Remove the rubber cap and nut, and disconnect the alternator wire.
- c. Disconnect the alternator connector.

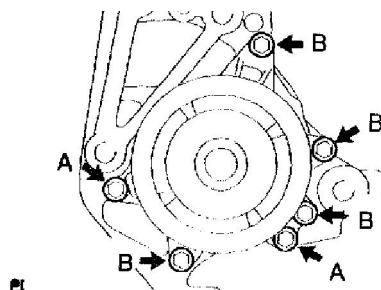


- d. Remove the 2 bolts and alternator.



5. REMOVE WATER PUMP ASSY

- a. Remove the 6 bolts, water pump and O-ring.



6. INSTALL WATER PUMP ASSY

- Place a new O-ring on the timing chain cover.
- Install the water pump with the 6 bolts.

Torque:

Bolt A **9.0 Nm (92 kgf-cm, 80 inch lbs.)**

Bolt B **11 Nm (113 kgf-cm, 8 ft. lbs.)**

7. INSTALL GENERATOR ASSY

Torque:

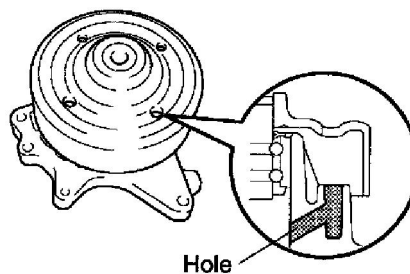
12 mm head **25 Nm (250 kgf-cm, 18 ft. lbs.)**

14 mm head **54 Nm (550 kgf-cm, 39 ft. lbs.)**

8. ADD COOLANT

9. CHECK ENGINE COOLANT LEAK

INSPECTION



1. INSPECT WATER PUMP ASSY

- Visually check the drain hole for coolant leakage.