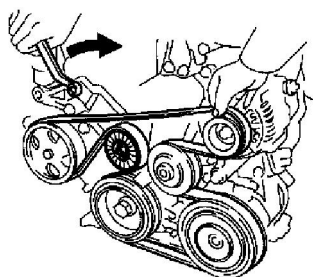


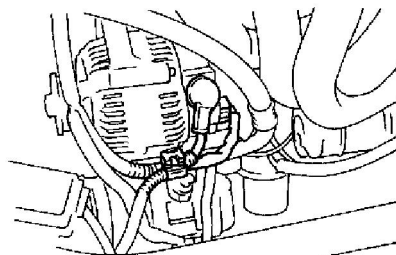
Water Pump: Service and Repair

REPLACEMENT

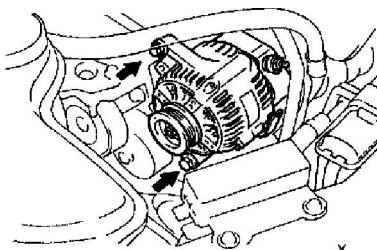
1. REMOVE ENGINE UNDER COVER RH
2. DRAIN COOLANT



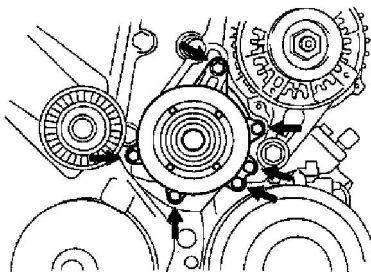
3. REMOVE FAN AND GENERATOR V-BELT
4. REMOVE GENERATOR ASSY



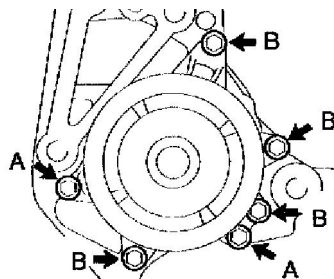
- a. Disconnect the wire clamp from the wire clip on the rectifier end frame.
- b. Remove the rubber cap and nut, and disconnect the alternator wire.
- c. Disconnect the alternator connector.



- 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

- a. Place a new O-ring on the timing chain cover.
- b. 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