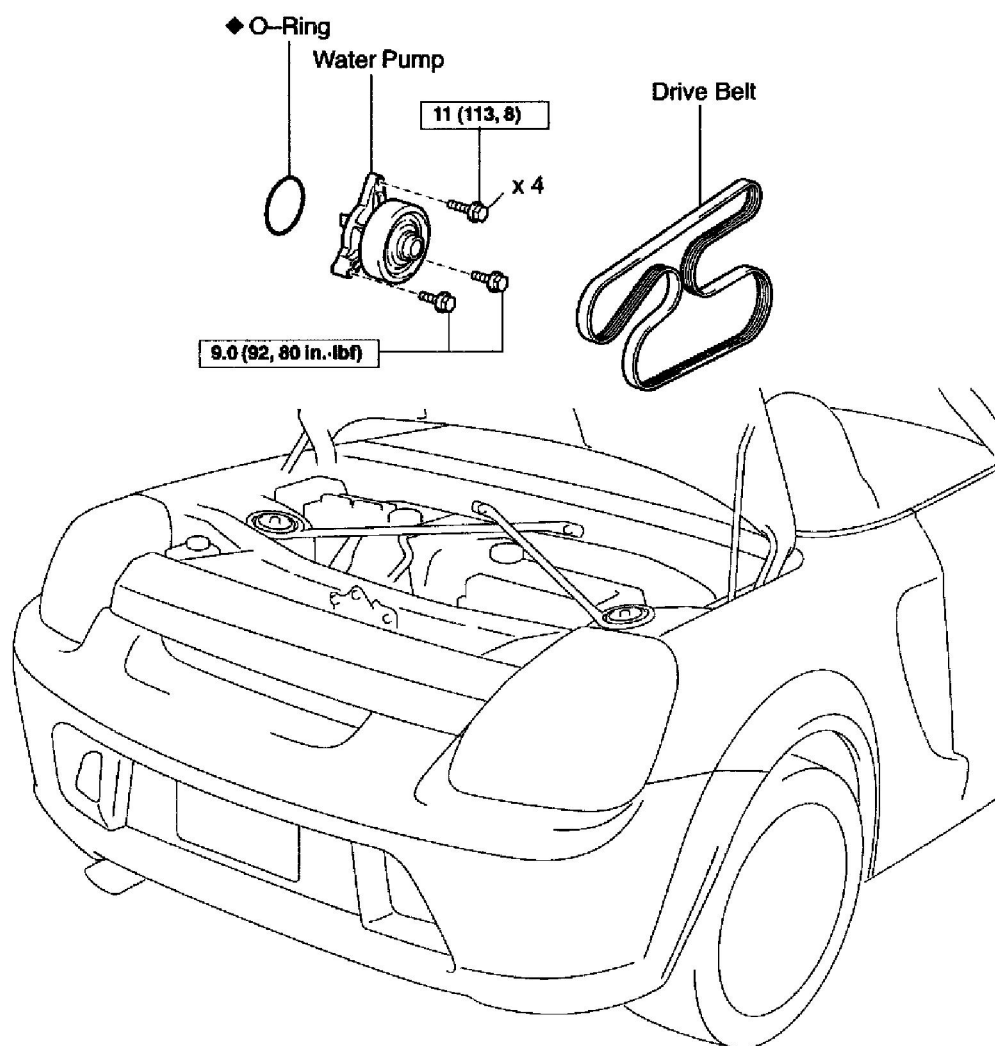


Water Pump: Service and Repair

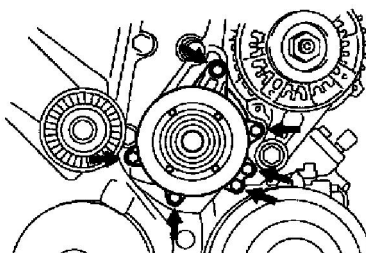


N·m (kgf·cm, ft·lbf) : Specified torque

◆ **Non-reusable part**

REMOVAL

1. DRAIN ENGINE COOLANT
2. REMOVE DRIVE BELT
3. REMOVE WATER PUMP



- a. Remove the 6 bolts, water pump and gasket.

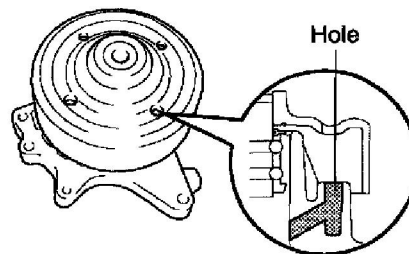
- b. Clean up the engine coolant from the water chamber room.

NOTICE: Do not remove the RH engine mounting bracket and generator when the water pump alone is replaced.

INSPECTION

NOTICE: Never rotate the pulley in a condition with a single unit of the water pump.

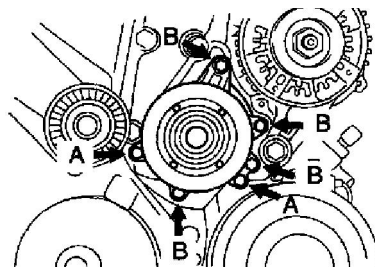
INSPECT WATER PUMP



Visually check the drain hole for coolant leakage. If leakage is found, replace the water pump.

INSTALLATION

1. INSTALL WATER PUMP



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

Torque:

Bolt A: **9 Nm (92 kgf-cm, 80 inch lbs.)**

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

HINT: Each bolt length is indicated in the illustration.

Bolt A	30 mm (1.18 in.)
Bolt B	35 mm (1.38 in.)

2. INSTALL DRIVE BELT
3. FILL WITH ENGINE COOLANT
4. START ENGINE AND CHECK FOR LEAK
5. RECHECK ENGINE COOLANT LEVEL