

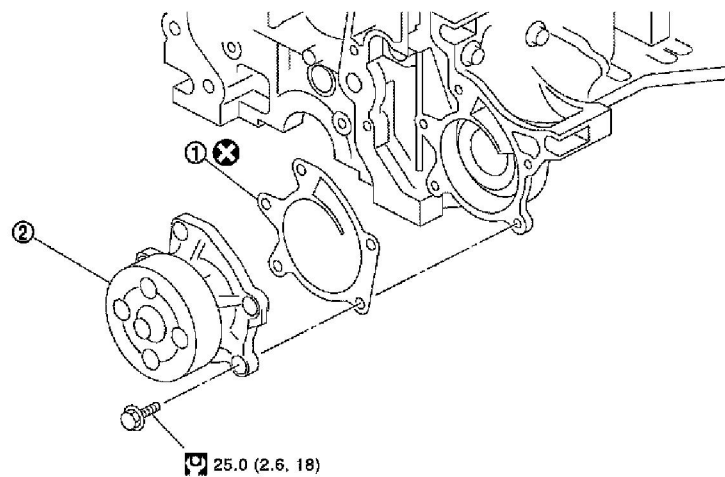
Water Pump: Service and Repair

Exploded View

WATER PUMP

Exploded View

SEC. 210



1. Gasket

2. Water pump

 : N·m (kg-m, ft-lb)

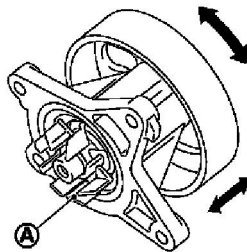
 : Always replace after every disassembly.

Water Pump: Service and Repair Inspection

WATER PUMP

Inspection

INSPECTION AFTER REMOVAL



- Check visually that there is no significant dirt or rusting on water pump body and vane (A).
- Check that there is no looseness in vane shaft, and that it turns smoothly when rotated by hand.
- Replace water pump, if necessary.

INSPECTION AFTER INSTALLATION

- Check for leakage of engine coolant using the radiator cap tester adapter (commercial service tool) and the radiator cap tester (commercial service tool). See: Cooling System/Coolant/Service and Repair/Inspection.
- Start and warm up the engine. Check visually that there is no leakage of engine coolant.

Water Pump: Service and Repair Removal and Installation

WATER PUMP

Removal and Installation

REMOVAL

1. Drain engine coolant from radiator. See: Cooling System/Coolant/Service and Repair/Draining Engine Coolant.

CAUTION:

- **Perform this step when the engine is cold.**
 - **Never spill engine coolant on drive belt.**
2. Steer front wheel to the right.
 3. Remove front fender protector (RH). See: Body and Frame/Fender/Front Fender/Front Fender Liner/Service and Repair/Exploded View.
 4. Remove drive belt. See: Drive Belts, Mounts, Brackets and Accessories/Drive Belt/Service and Repair/Removal and Replacement.
 5. Remove water pump.
 - Engine coolant will leak from cylinder block, so have a receptacle ready below.

CAUTION:

- **Handle water pump vane so that it does not contact any other parts.**
- **Water pump cannot be disassembled and should be replaced as a unit.**

INSTALLATION

Install in the reverse order of removal.