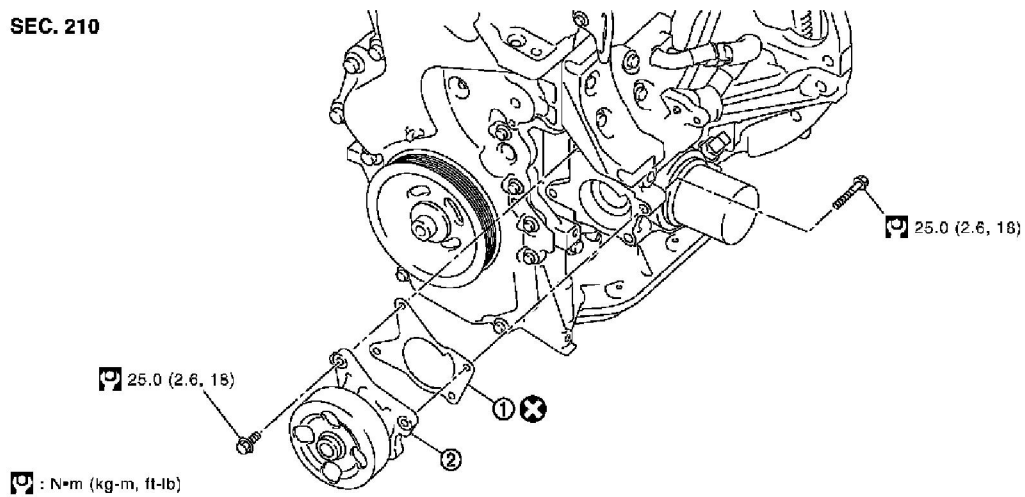


## Water Pump: Service and Repair Component

### WATER PUMP

#### Component

SEC. 210



1. Gasket

2. Water pump

## Water Pump: Service and Repair Removal and Installation

### WATER PUMP

#### Removal and Installation

##### REMOVAL

1. Disconnect battery negative terminal. See: Starting and Charging/Battery/Service and Repair/Removal and Replacement.
2. Remove reservoir tank. See: Cooling System/Radiator/Service and Repair/Component.
3. Drain engine coolant from radiator. See: Cooling System/Coolant/Service and Repair/Changing Engine Coolant.

##### CAUTION:

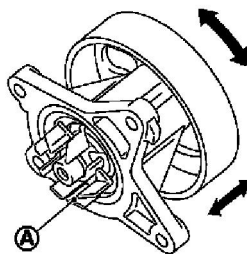
**Perform this step when the engine is cold.**

4. Remove front fender protector (RH). See: Body and Frame/Fender/Front Fender/Front Fender Liner/Service and Repair/Removal And Installation.
5. Remove drive belt. See: Drive Belts, Mounts, Brackets and Accessories/Drive Belt/Service and Repair/Removal and Replacement/Removal And Installation.
6. Remove generator. See: Starting and Charging/Charging System/Alternator/Service and Repair.
7. Remove radiator hose (lower). See: Cooling System/Radiator/Service and Repair/Component.
8. Remove water pump.

##### 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.

#### INSPECTION AFTER REMOVAL



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

##### INSTALLATION

Installation is in the reverse order of removal.

#### INSPECTION AFTER INSTALLATION

- Check that the reservoir tank cap is tightened.
- Check for leaks of engine coolant. See: Cooling System/Coolant/Service and Repair/Inspection.
- Start and warm up the engine. Visually check for leaks of engine coolant.