

Water Pump: Removal and Replacement

Removal and Installation

WATER PUMP

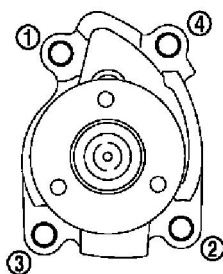
Removal and Installation

REMOVAL

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

CAUTION:

- **Perform this step when the engine is cold.**
 - **Never spill engine coolant on drive belts.**
2. Partially remove front fender protector (RH). See: Body and Frame/Fender/Front Fender/Front Fender Liner/Service and Repair/Removal And Installation.
 3. Loosen mounting bolts of water pump pulley before loosening belt tension of drive belt.
 4. Remove drive belt. See: Drive Belts, Mounts, Brackets and Accessories/Drive Belt/Service and Repair/Removal and Replacement.
 5. Remove water pump pulley.



6. Remove water pump.
 - Loosen mounting bolts in reverse order as shown.
 - Engine coolant will leak from cylinder block, so have a receptacle ready below.

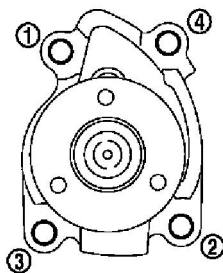
CAUTION:

- **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

Installation is in the reverse order of removal.

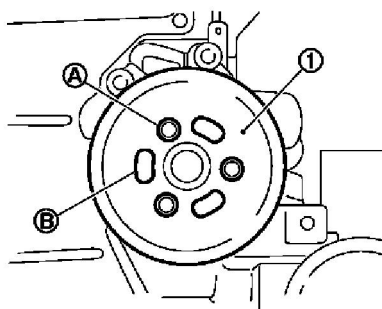
Water pump.



- Tighten bolts in numerical order as shown.

Water pump pulley.

CAUTION:



Never install mounting bolts (A) to oblong holes (B).

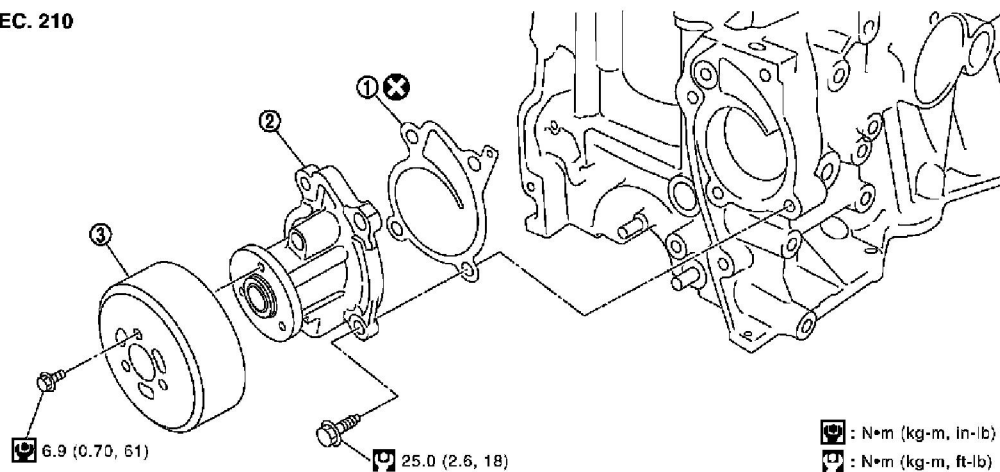
- Water pump pulley (1)

Water Pump: Removal and Replacement Exploded View

WATER PUMP

Exploded View

SEC. 210



1. Gasket

2. Water pump

3. Water pump pulley