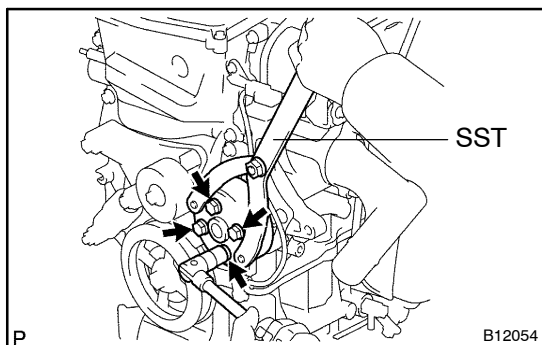


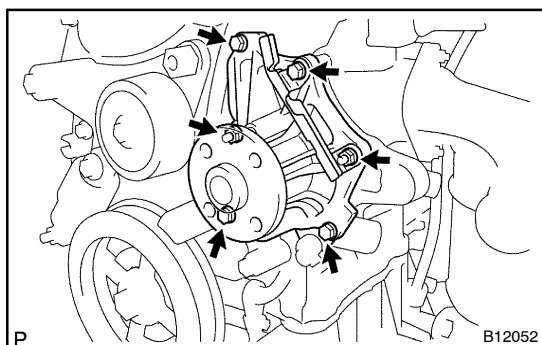
REPLACEMENT

1. DRAIN ENGINE COOLANT (See page 16-7)
2. REMOVE FAN AND GENERATOR V-BELT (See page 14-5)
SST 09249-63010
3. REMOVE GENERATOR ASSY (See page 19-15)



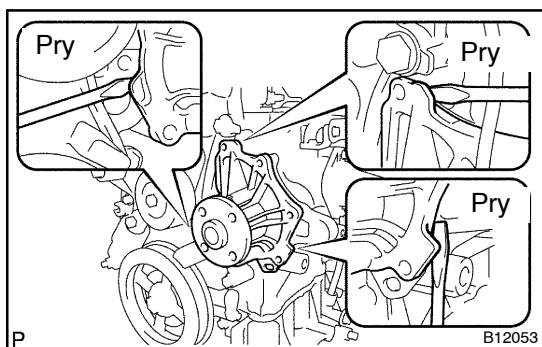
4. REMOVE WATER PUMP PULLEY

- (a) Using SST, remove the 4 bolts and pump pulley.
SST 09960-10010 (09962-01000, 09963-00700)
- (b) Disconnect the crankshaft position sensor wire clamp from the water pump.
- (c) Disconnect the crankshaft position sensor wire from the clamp on the water pump.



5. REMOVE WATER PUMP ASSY

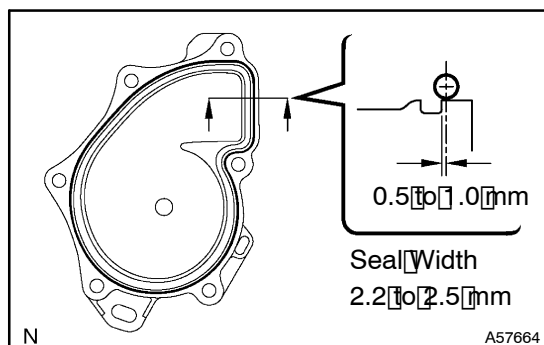
- (a) Remove the 4 bolts, 2 nuts, wire clamp and water pump.



- (b) Using a screwdriver, pry between the water pump and cylinder block, then remove the water pump.

NOTICE:

Be careful not to damage the contact surface of the water pump and cylinder block.



6. INSTALL WATER PUMP ASSY

- (a) Apply seal packing to the water pump as shown in the illustration.

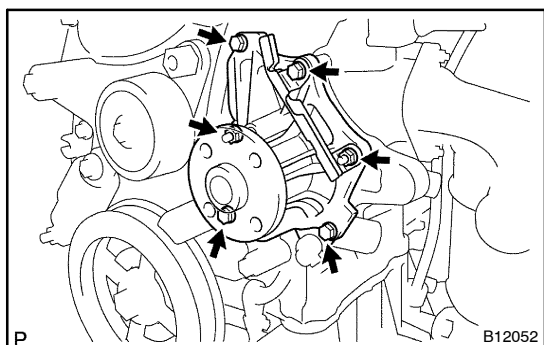
Seal packing: Part No. 08826-00100 or equivalent

NOTICE:

- Remove any oil from the contact surface.
- Install the oil pump within 3 minutes, then tighten the bolts within 15 minutes after applying seal packing.
- Do not expose the seal packing to engine oil within 2 hours of installation.

HINT:

- Install a nozzle of which opening has been cut to a 2.2 to 2.5 mm (0.09 to 0.10 in.).
- Parts must be assembled within 5 minutes of application. Otherwise, the material must be removed and reapplied.
- Immediately remove a nozzle from the tube and re-install cap.

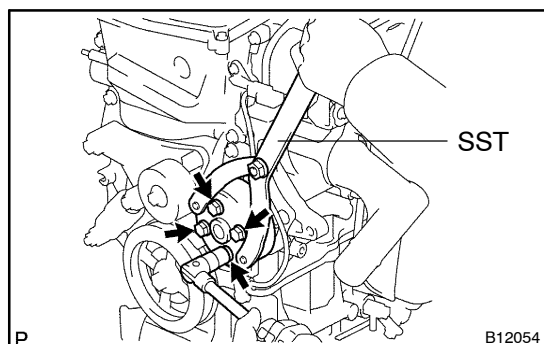


- (b) Install the water pump and wire clamp with the 4 bolts and 2 nuts.

Torque: 9.0 N·m (92 kgf·cm, 80 in. lbf)

- (c) Install the crankshaft position sensor wire harness clamp to the water pump.

- (d) Install the crankshaft position sensor wire to the wire clamp on the water pump.



7. INSTALL WATER PUMP PULLEY

- (a) Using SST, install the pump pulley with the 4 bolts.
SST 09960-10010 (09962-01000, 09963-00700)
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)

8. INSTALL GENERATOR ASSY (See page 19-15)

9. INSTALL FAN AND GENERATOR V-BELT (See page 14-5)

SST 09249-63010

10. ADD ENGINE COOLANT (See page 16-7)

11. CHECK FOR ENGINE COOLANT LEAKS (See page 16-7)