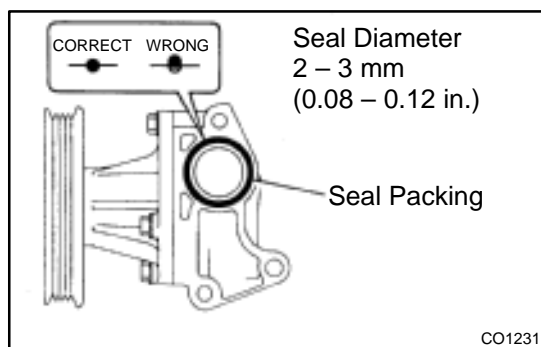


INSTALLATION

1. INSTALL WATER PUMP

- (a) Remove any old packing (FIPG) material and be careful not to drop any oil on the contact surfaces of the water pump and cylinder block.
- Using a razor blade and gasket scraper, remove all the old packing (FIPG) material from the contact surfaces and sealing groove.
 - Thoroughly clean all components to remove all the loose material.
 - Using a non-residue solvent, clean both sealing surfaces.



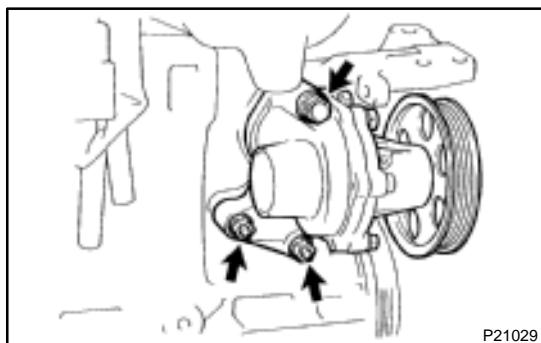
- (b) Apply seal packing to the water pump groove.

Seal packing:

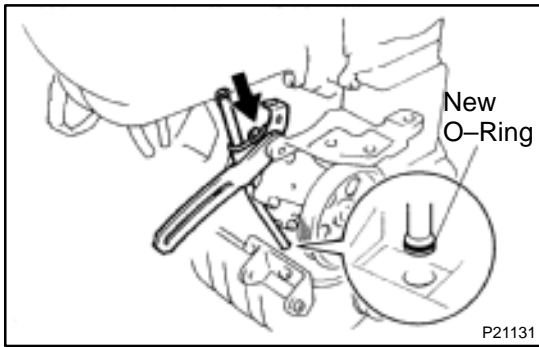
Part No. 08826-00100, THREE BOND 1282B or equivalent

HINT:

- Install a nozzle that has been cut to a 2 – 3 mm (0.08 – 0.12 in.) opening.
- Avoid applying an excessive amount to the surface.
- Parts must be assembled within 5 minutes of application. Otherwise the material must be removed and reapplied.
- Immediately remove nozzle from the tube and reinstall cap.
- Do not pour in any coolant until at least 2 hours after installation is completed.



- (c) Install the water pump with the bolt and 2 nuts.
Torque: 17.5 N·m (175 kgf·cm, 13 ft·lbf)



2. INSTALL OIL DIPSTICK GUIDE AND GENERATOR ADJUSTING BAR

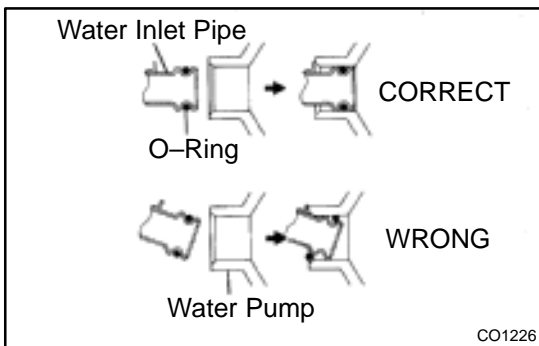
- Install a new O-ring to the dipstick guide.
- Apply soapy water to the O-ring.
- Push in the dipstick guide, and install it with the mounting bolt of the generator adjusting bar and dipstick guide clamp.

Torque: 18.5 N·m (185 kgf·cm, 14 ft·lbf)

- Install the oil dipstick.
- Connect these wire clamps:
 - Connector clamp for crankshaft position sensor
 - Engine wire clamp

3. INSTALL WATER INLET PIPE

- Install a new O-ring to the water inlet pipe.
- Apply a little soap and water to the O-ring.
- Insert the water inlet pipe to the water pump.



NOTICE:

Installing the water inlet pipe at an angle or twisting it during installation will cause pinching or tearing of the O-ring.

- Install the water inlet pipe with the bolt.
Torque: 7.5 N·m (75 kgf·cm, 66 in.-lbf)
- Connect these hoses:
 - Water inlet hose
 - Heater inlet hose
 - Water bypass hose

4. INSTALL INTAKE MANIFOLD STAY

- Install the intake manifold stay with the bolt and nut.
Torque: 20 N·m (200 kgf·cm, 15 ft·lbf)
- Connect the 2 engine wire clamps to the intake manifold stay.

5. INSTALL GENERATOR

6. FILL WITH ENGINE COOLANT (See page [CO-2](#))

7. START ENGINE AND CHECK FOR LEAKS