

WATER PUMP

COOLING

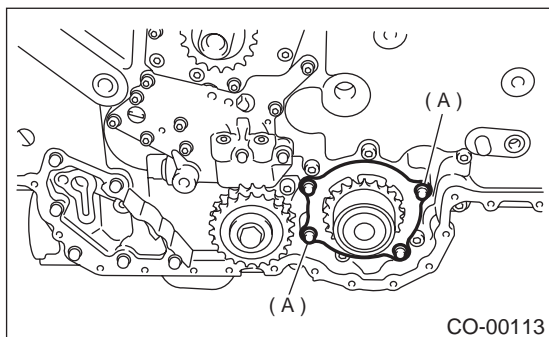
5. Water Pump

A: REMOVAL

- 1) Remove radiator. <Ref. to CO(H6DO)-27, REMOVAL, Radiator.>
- 2) Remove V-belt.
<Ref. to ME(H6DO)-28, REMOVAL, V-belt.>
- 3) Remove front chain cover.
<Ref. to ME(H6DO)-39, REMOVAL, Front Chain Cover.>
- 4) Remove timing chain.
<Ref. to ME(H6DO)-41, REMOVAL, Timing Chain Assembly.>
- 5) Remove water pump.

NOTE:

When water pump cannot be easily removed, install M8 bolt in opposing bolt holes ("A" in figure). Alternately tightening each bolt should be enough to gradually free water pump from rear chain cover.



B: INSTALLATION

- 1) Install water pump onto rear chain cover.

NOTE:

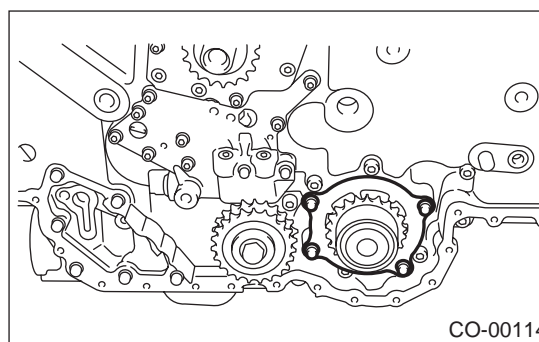
Apply engine coolant to O-ring.

Tightening torque:

6.4 N·m (0.65 kgf-m, 4.7 ft-lb)

NOTE:

- Replace O-rings with a new one.
- Applying engine coolant to O-ring makes water pump installation easier.



- 2) Install timing chain assembly. <Ref. to ME(H6DO)-42, INSTALLATION, Timing Chain Assembly.>
- 3) Install front chain cover.
<Ref. to ME(H6DO)-39, INSTALLATION, Front Chain Cover.>
- 4) Install V-belt. <Ref. to ME(H6DO)-28, INSTALLATION, V-belt.>
- 5) Install radiator. <Ref. to CO(H6DO)-28, INSTALLATION, Radiator.>
- 6) Fill coolant. <Ref. to CO(H6DO)-22, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

C: INSPECTION

- 1) Check water pump bearing for smooth rotation.
- 2) Check water pump sprocket for abnormalities.