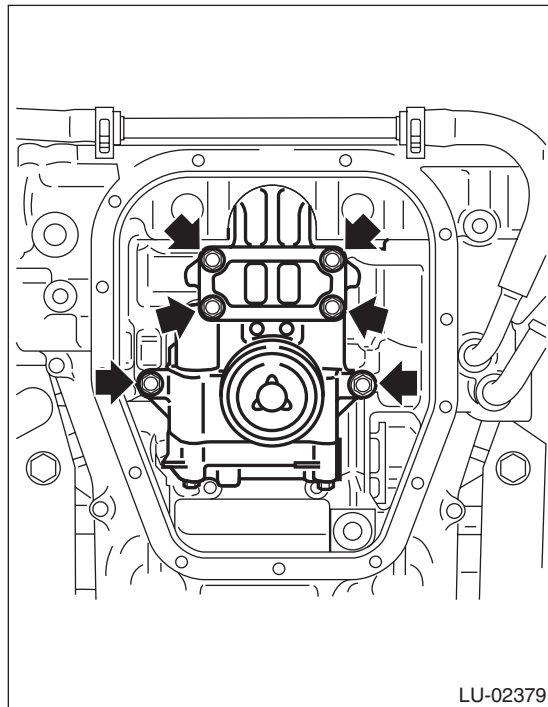


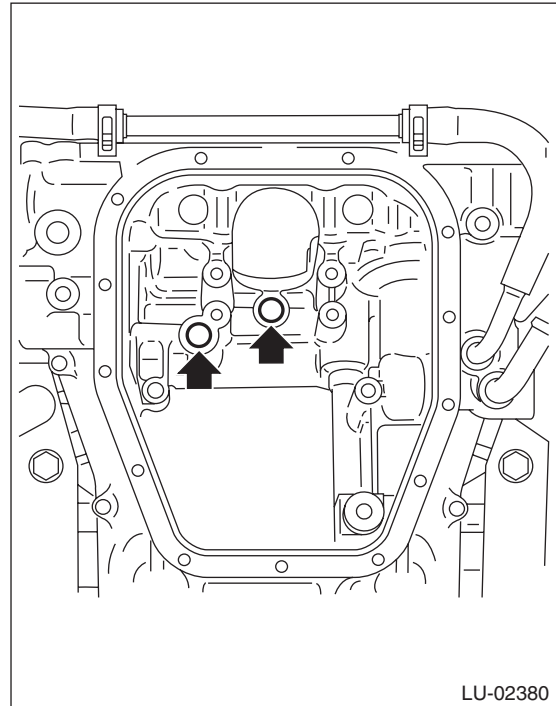
5. Oil Pump

A: REMOVAL

- 1) Set the vehicle on a lift.
- 2) Remove the collector cover.
- 3) Disconnect the ground cable from battery.
- 4) Lift up the vehicle.
- 5) Remove the under cover.
- 6) Drain engine coolant. <Ref. to CO(H6DO)-12, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 7) Lower the vehicle lift.
- 8) Remove the radiator. <Ref. to CO(H6DO)-17, REMOVAL, Radiator.>
- 9) Remove the V-belts. <Ref. to ME(H6DO)-46, REMOVAL, V-belt.>
- 10) Remove the crank pulley. <Ref. to ME(H6DO)-47, REMOVAL, Crank Pulley.>
- 11) Remove the chain cover. <Ref. to ME(H6DO)-48, REMOVAL, Chain Cover.>
- 12) Remove the timing chain. <Ref. to ME(H6DO)-54, REMOVAL, Timing Chain Assembly.>
- 13) Remove the oil pan lower. <Ref. to LU(H6DO)-10, REMOVAL, Oil Pan.>
- 14) Remove the oil pump.



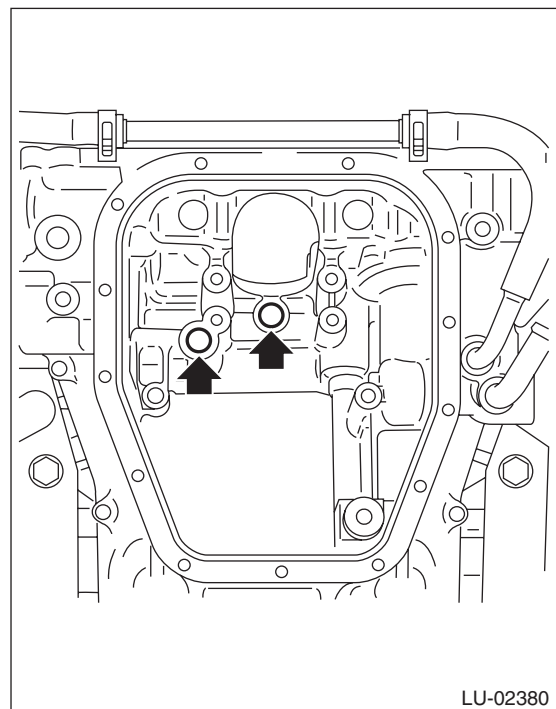
- 15) Remove the O-ring from the oil pan upper.



B: INSTALLATION

- 1) Apply the engine oil to the O-ring and install it to the oil pan upper.

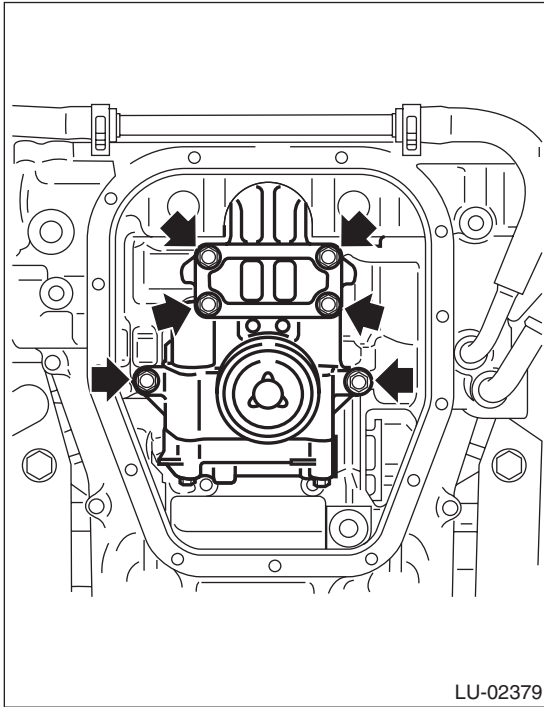
NOTE:
Use new O-rings.



2) Install the oil pump.

Tightening torque:

13 N·m (1.3 kgf-m, 9.6 ft-lb)



3) Install the oil pan lower. <Ref. to LU(H6DO)-10, INSTALLATION, Oil Pan.>

4) Install the timing chain. <Ref. to ME(H6DO)-60, INSTALLATION, Timing Chain Assembly.>

5) Install the chain cover. <Ref. to ME(H6DO)-49, INSTALLATION, Chain Cover.>

6) Install the crank pulley. <Ref. to ME(H6DO)-47, INSTALLATION, Crank Pulley.>

7) Install the V-belts. <Ref. to ME(H6DO)-46, INSTALLATION, V-belt.>

8) Install the radiator. <Ref. to CO(H6DO)-19, INSTALLATION, Radiator.>

9) Lift up the vehicle.

10) Install the under cover.

11) Lower the vehicle lift.

12) Fill engine coolant. <Ref. to CO(H6DO)-12, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

C: INSPECTION

- Visually check the oil pump for breakage.
- Visually check the strainer part for clogging.