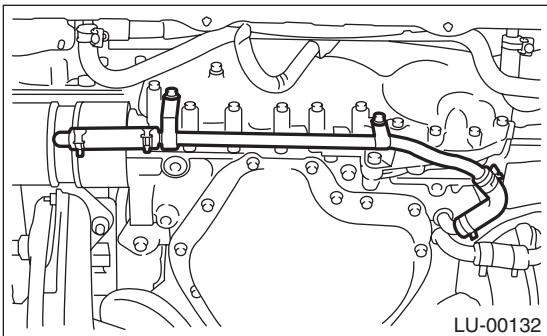


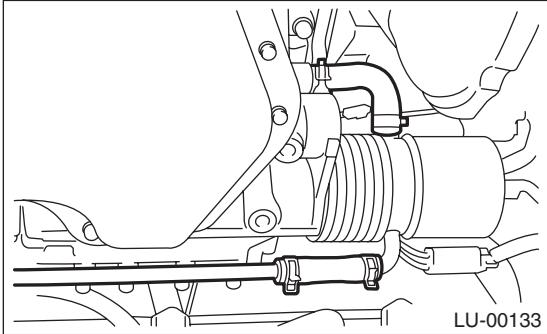
9. Oil Cooler

A: REMOVAL

- 1) Set the vehicle on a lift.
- 2) Lift-up the vehicle.
- 3) Remove the under cover.
- 4) Drain engine coolant. <Ref. to CO(H6DO)-13, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 5) Drain the engine oil. <Ref. to LU(H6DO)-7, REPLACEMENT, Engine Oil.>
- 6) Remove the bolts which hold the water pipe to engine.



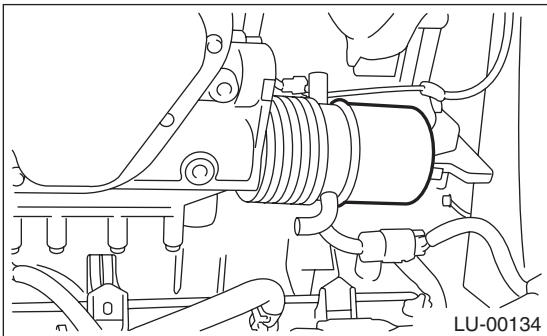
- 7) Disconnect the water hose from oil cooler.



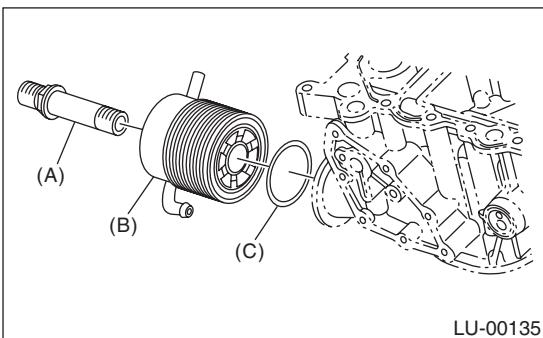
- 8) Remove the oil filter using the ST. <Ref. to LU(H6DO)-15, REMOVAL, Engine Oil Filter.>
ST 498547000 OIL FILTER WRENCH

NOTE:

Set a container under the vehicle.



- 9) Remove the oil cooler connector and remove oil cooler.



- (A) Oil cooler connector
- (B) Oil cooler
- (C) O-ring

B: INSTALLATION

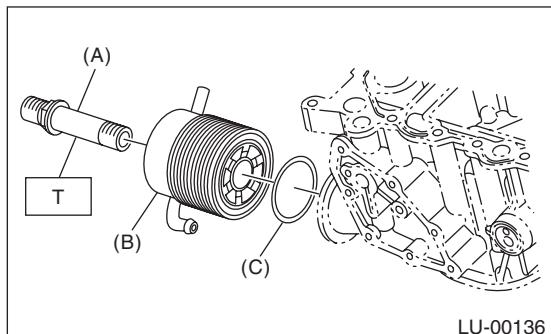
1) Install the oil cooler to oil pan upper with oil cooler connector.

Tightening torque:

T: 54 N·m (5.5 kgf-m, 40 ft-lb)

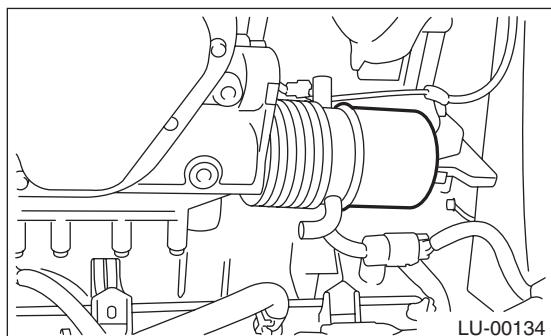
NOTE:

Use new O-rings.

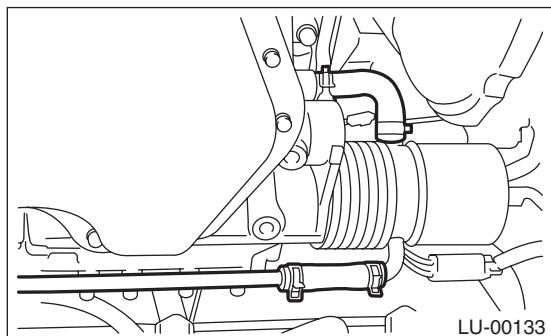


(A) Oil cooler connector
 (B) Oil cooler
 (C) O-ring

2) Install the oil filter. <Ref. to LU(H6DO)-15, INSTALLATION, Engine Oil Filter.>



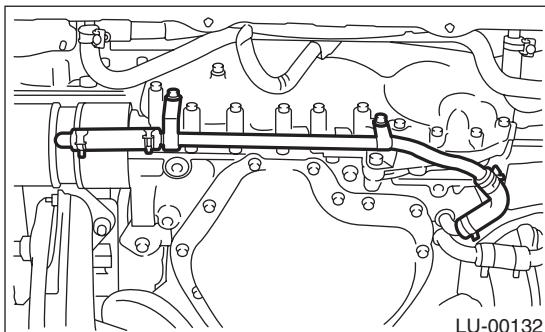
3) Connect the water hose.



4) Install the water pipe onto engine.

Tightening torque:

6.4 N·m (0.65 kgf-m, 4.7 ft-lb)



5) Lower the vehicle.

6) Refill the engine oil. <Ref. to LU(H6DO)-7, REPLACEMENT, Engine Oil.>

7) Fill engine coolant. <Ref. to CO(H6DO)-13, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

8) Check the engine oil level. <Ref. to LU(H6DO)-7, INSPECTION, Engine Oil.>

C: INSPECTION

1) Check that coolant passages are not clogged using an compressed air.

2) Check that the oil pan upper and O-ring installing surface of oil filter are not damaged.