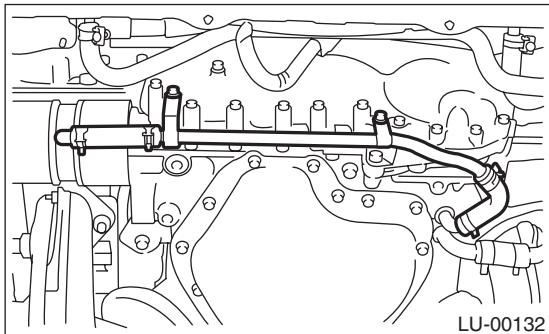


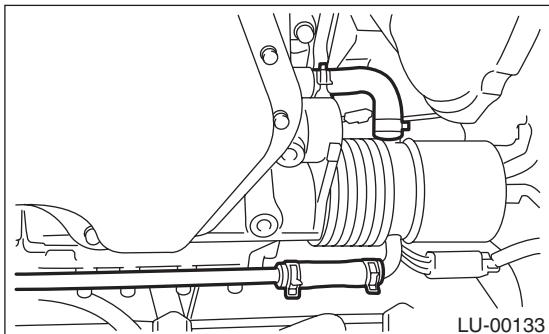
## 9. Oil Cooler

### A: REMOVAL

- 1) Lift-up the vehicle.
- 2) Remove the under cover.
- 3) Drain engine coolant.  
<Ref. to CO(H6DO)-10, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 4) Drain the engine oil. <Ref. to LU(H6DO)-7, REPLACEMENT, Engine Oil.>
- 5) Remove the bolts which hold the water pipe to engine.



- 6) Disconnect the water hose from oil cooler.

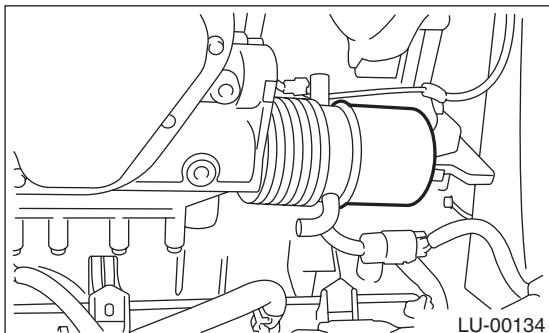


- 7) Remove the oil filter using the ST. <Ref. to LU(H6DO)-14, REMOVAL, Engine Oil Filter.>

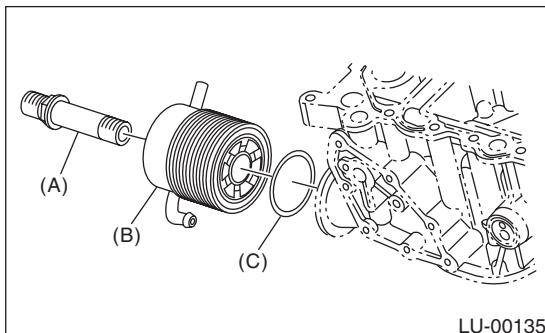
ST 498547000 OIL FILTER WRENCH

NOTE:

Set a container under the vehicle.



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



LU-00135

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

### B: INSTALLATION

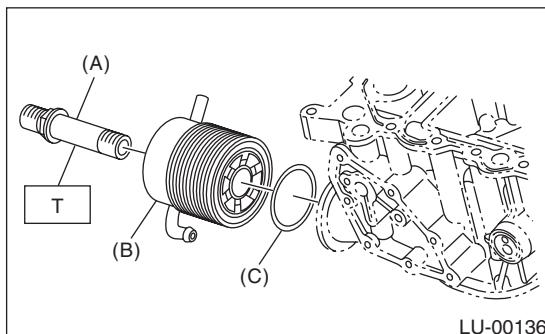
- 1) Install the oil cooler to oil pan upper with oil cooler connector.

**Tightening torque:**

**T: 54 N·m (5.5 kgf·m, 40 ft·lb)**

NOTE:

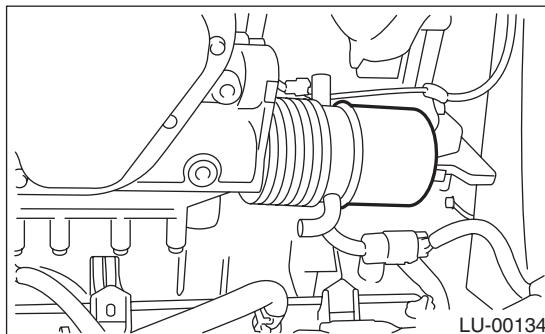
Use new O-rings.



LU-00136

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

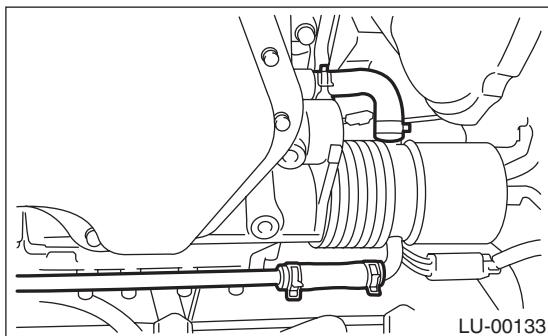
- 2) Install the oil filter. <Ref. to LU(H6DO)-14, INSTALLATION, Engine Oil Filter.>



# Oil Cooler

## LUBRICATION

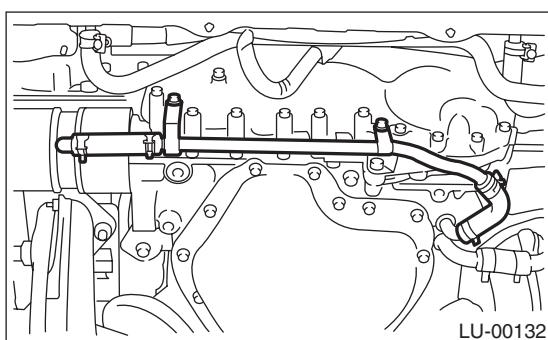
- 3) Connect the water hose.



- 4) Install the water pipe onto engine.

**Tightening torque:**

**6.4 N·m (0.65 kgf·m, 4.7 ft-lb)**



- 5) Refill the engine oil. <Ref. to LU(H6DO)-7, REPLACEMENT, Engine Oil.>
- 6) Fill engine coolant. <Ref. to CO(H6DO)-10, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 7) 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.