

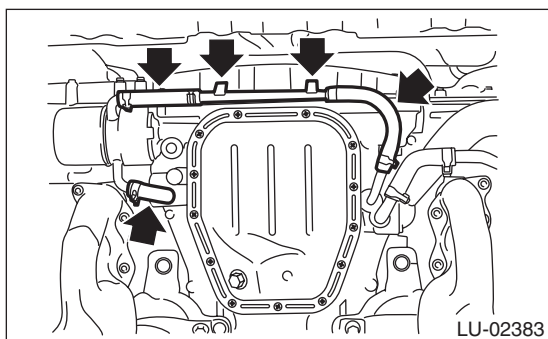
9. Oil Cooler

A: REMOVAL

CAUTION:

If the engine oil is spilt over exhaust pipe or the under cover, wipe it off with cloth to avoid emitting smoke or causing a fire.

- 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)-12, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 5) Drain the engine oil. <Ref. to LU(H6DO)-9, REPLACEMENT, Engine Oil.>
- 6) Disconnect the water hose from the oil cooler and bolts which secure the engine oil cooler water pipe to the chain cover.

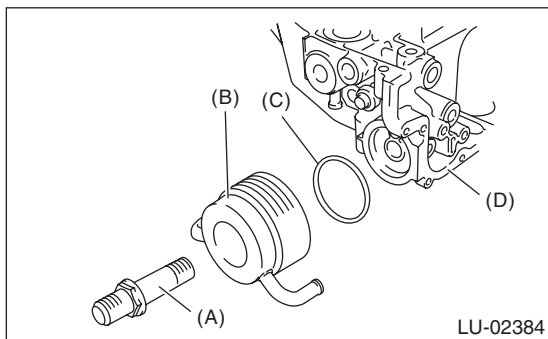


- 7) Remove the oil filter using the ST. <Ref. to LU(H6DO)-15, REMOVAL, Engine Oil Filter.>
ST 18332AA020 OIL FILTER WRENCH

NOTE:

Set a container under the vehicle.

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



- (A) Oil cooler connector
- (B) Oil cooler
- (C) O-ring
- (D) Oil pan upper

B: INSTALLATION

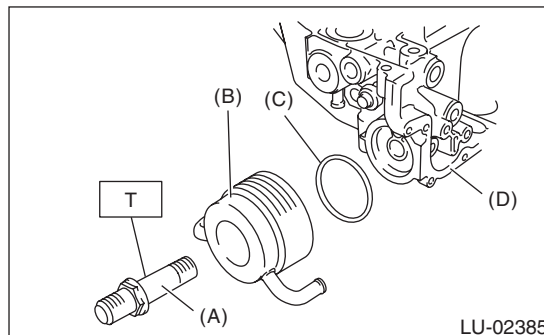
- 1) Tighten the oil cooler connector and install the oil cooler to oil pan upper.

Tightening torque:

T: 54 N·m (5.5 kgf-m, 39.8 ft-lb)

NOTE:

Use new O-rings.

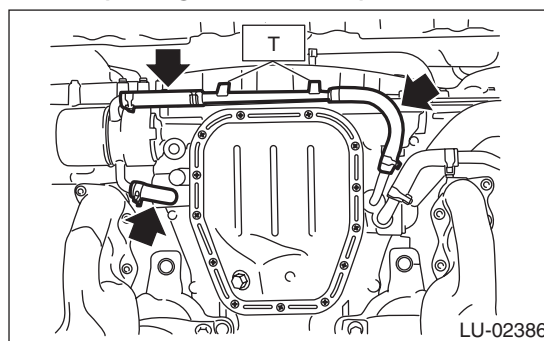


- (A) Oil cooler connector
- (B) Oil cooler
- (C) O-ring
- (D) Oil pan upper

- 2) Install the oil filter. <Ref. to LU(H6DO)-15, INSTALLATION, Engine Oil Filter.>
- 3) Install the water hose to the oil cooler and bolts which secure the engine oil cooler water pipe to the chain cover.

Tightening torque:

6.4 N·m (0.7 kgf-m, 4.7 ft-lb)



- 4) Lower the vehicle lift.
- 5) Refill the engine oil. <Ref. to LU(H6DO)-9, REPLACEMENT, Engine Oil.>
- 6) Fill engine coolant. <Ref. to CO(H6DO)-12, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 7) Check the engine oil level. <Ref. to LU(H6DO)-9, 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.