

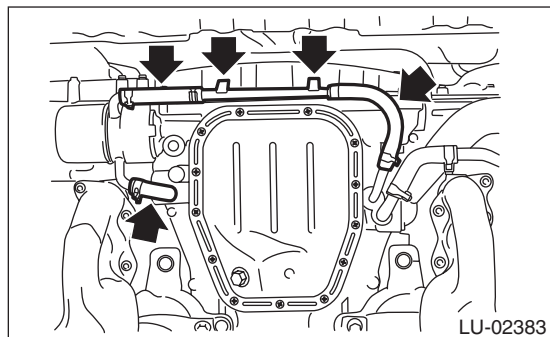
## 8. Oil Cooler

### 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) Lift up the vehicle.
- 2) Remove the under cover.
- 3) Drain engine coolant. <Ref. to CO(H6DO)-11, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 4) Drain the engine oil. <Ref. to LU(H6DO)-9, REPLACEMENT, Engine Oil.>
- 5) Remove the bolts which hold the engine oil cooler water pipe to chain cover and disconnect the water hose from oil cooler.

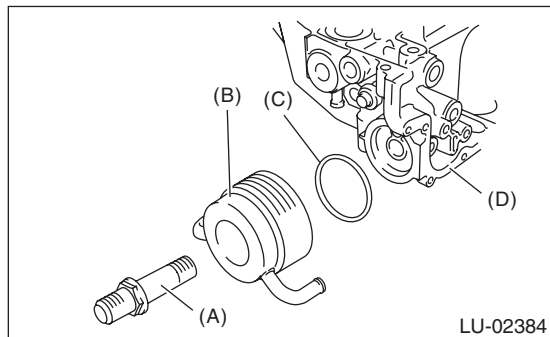


- 6) Remove the oil filter using the ST. <Ref. to LU(H6DO)-14, REMOVAL, Engine Oil Filter.>  
ST 18332AA020 OIL FILTER WRENCH

#### NOTE:

Set a container under the vehicle.

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



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

### B: INSTALLATION

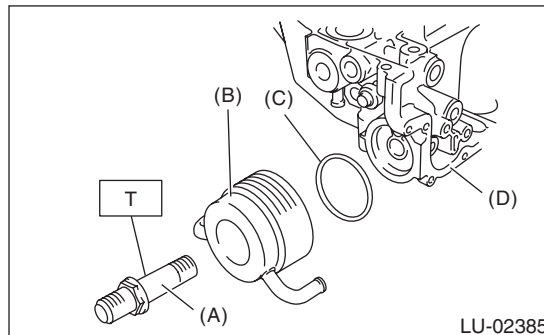
- 1) Tighten the oil cooler connector and install the oil cooler to oil pan upper.

#### Tightening torque:

**T: 54 N·m (5.5 kgf-m, 39.8 ft-lb)**

#### NOTE:

Use new O-rings.



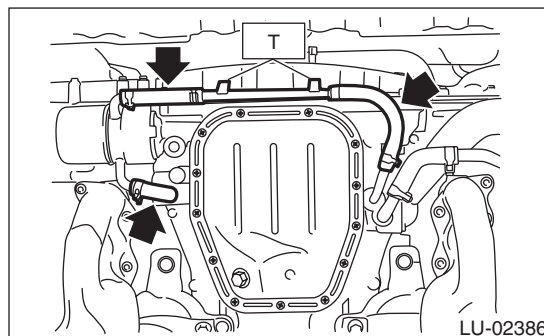
- (A) Oil cooler connector
- (B) Oil cooler
- (C) O-ring
- (D) Oil pan upper

- 2) Install the oil filter. <Ref. to LU(H6DO)-14, 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)-11, 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 a compressed air.
- 2) Check that the oil pan upper and O-ring installing surface of oil filter are not damaged.