

ENGINE OIL COOLER

LUBRICATION

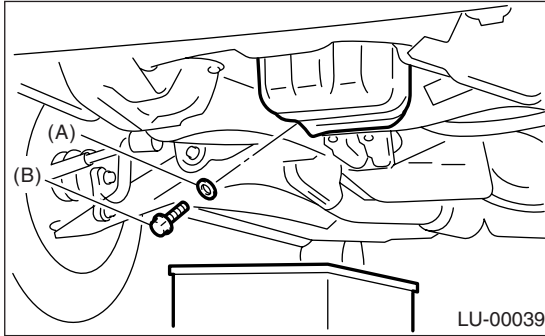
7. Engine Oil Cooler

A: REMOVAL

NOTE:

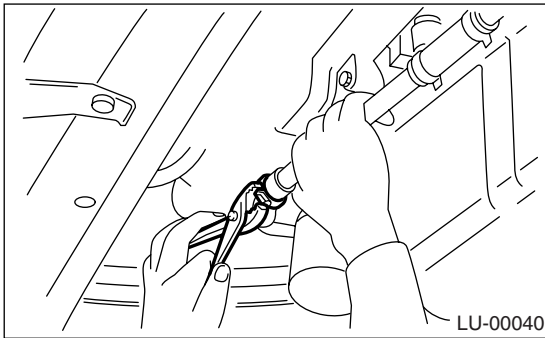
Engine oil cooler is equipped with turbo model only.

- 1) Lift-up the vehicle.
- 2) Remove the under cover.
- 3) Drain the engine oil. Set a container under the vehicle, and remove the drain plug from oil pan.



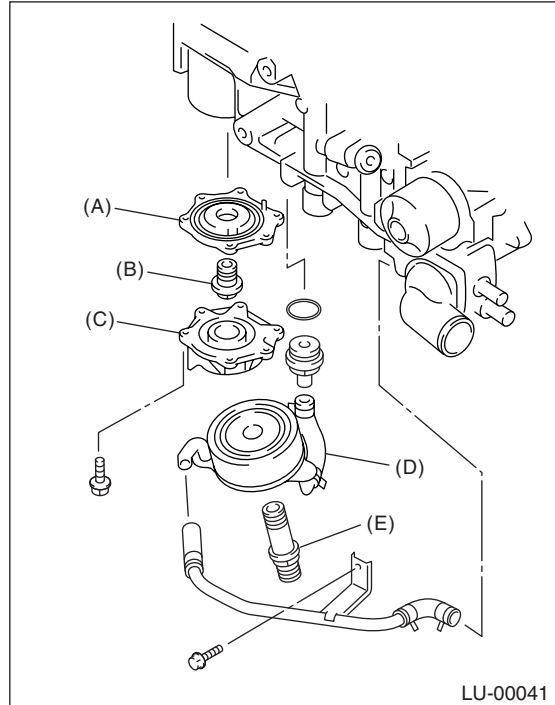
- (A) Gasket
- (B) Drain plug

- 4) Drain the engine coolant.
- 5) Remove the water by-pass pipe between oil cooler and water pump.



- 6) Remove the engine oil filter. <Ref. to LU(H4DOTC)-22, REMOVAL, Engine Oil Filter.>
- 7) Remove the connector and remove oil cooler.

- 8) Remove the adapters (1) and (2).



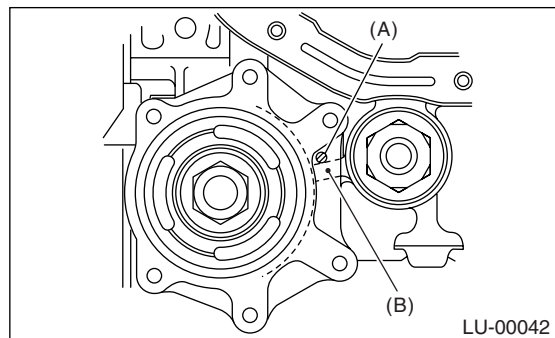
- (A) Adapter (1)
- (B) Adapter connector
- (C) Adapter (2)
- (D) Oil cooler
- (E) Oil cooler connector

B: INSTALLATION

NOTE:

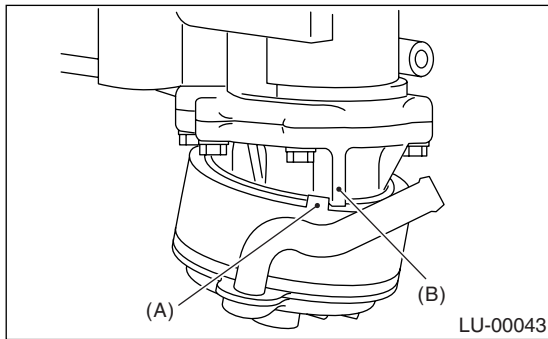
Engine oil cooler is equipped with turbo model only.

- 1) Install in the reverse order of removal.
- 2) Contact the knock pin (A) of adapter (1) to cylinder block rib (B) to install adapter (1).



- 3) Install the adapter (2).

4) Contact the engine oil cooler stopper (A) to adapter (2) rib to install engine oil cooler.



Tightening torque:

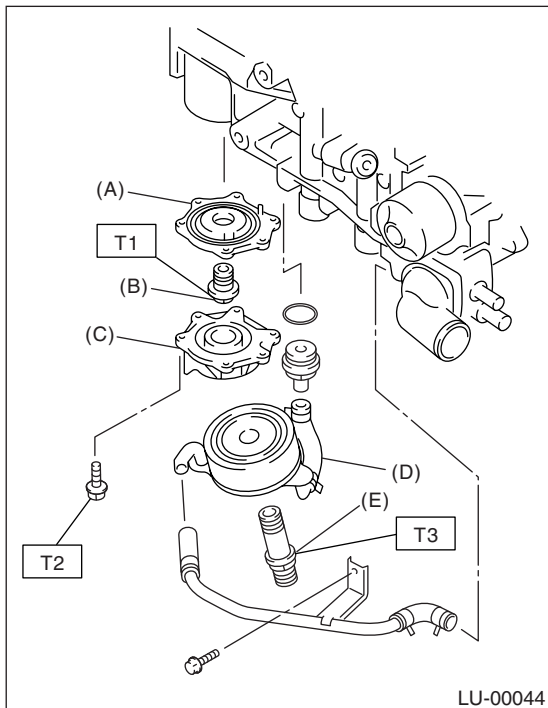
T1: 45 N·m (4.6 kgf-m, 33.2 ft-lb)

T2: 6.4 N·m (0.65 kgf-m, 4.7 ft-lb)

T3: 54 N·m (5.5 kgf-m, 40 ft-lb)

NOTE:

Always use a new O-ring.



- (A) Adapter (1)
- (B) Adapter connector
- (C) Adapter (2)
- (D) Oil cooler
- (E) Oil cooler connector

C: INSPECTION

- 1) Check that the coolant passages are not clogged using air blow method.
- 2) Check the mating surfaces of cylinder block, O-ring groove and oil filter for damage.