

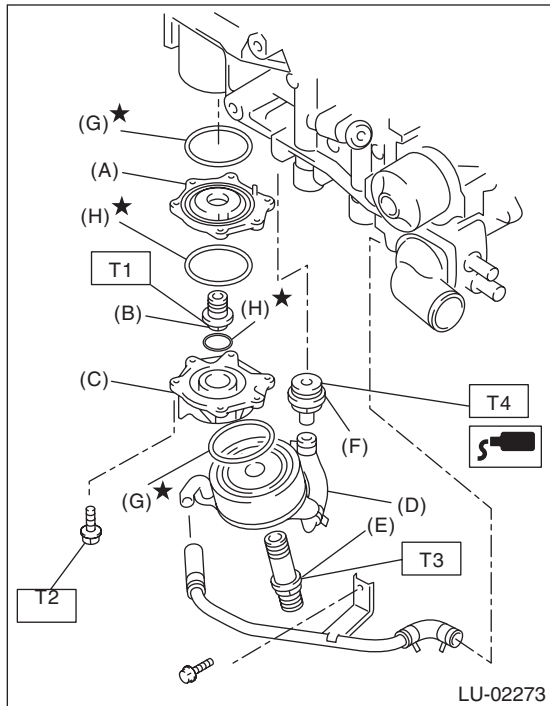
## 7. Engine Oil Cooler

### A: REMOVAL

**NOTE:**

The engine oil cooler is mounted to the turbo model.

- 1) Lift-up the vehicle.
- 2) Remove the under cover.
- 3) Drain the engine oil.  
<Ref. to LU (H4SO)-10, REPLACEMENT, Engine Oil.>
- 4) Drain engine coolant.
- 5) Remove the water by-pass pipe between oil cooler and water pump.
- 6) Remove the engine oil filter.  
<Ref. to LU (H4SO)-24, REMOVAL, Engine Oil Filter.>
- 7) Remove the oil cooler connector and remove the 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
- (F) Plug
- (G) Gasket
- (H) O-ring

### B: INSTALLATION

**NOTE:**

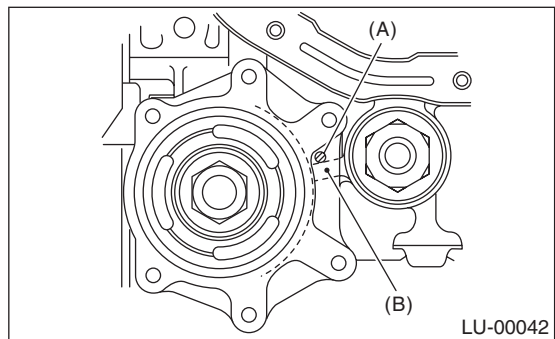
The engine oil cooler is mounted to the turbo model.

- 1) Install in the reverse order of removal.

**NOTE:**

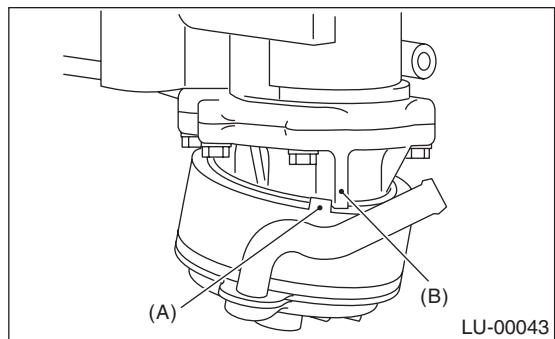
Use new O-rings and gasket.

- 2) Touch the adapter (1) knock pin (A) to the cylinder block rib (B) to install the adapter (1).



- 3) Install the adapter (2).

- 4) Touch the engine oil cooler stopper (A) to the adapter (2) rib (B) to install the engine oil cooler.



5) When installing the plug, apply liquid gasket to the plug screw.

**Liquid gasket:**

**THREE BOND 1324 (Part No. 004403042) or equivalent**

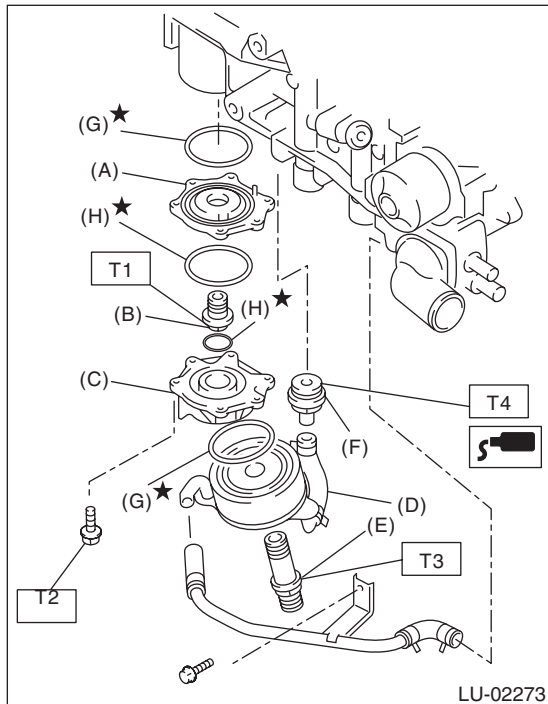
**Tightening torque:**

**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)**

**T4: 69 N·m (7.0 kgf-m, 51 ft-lb)**



- (A) Adapter (1)
- (B) Adapter connector
- (C) Adapter (2)
- (D) Oil cooler
- (E) Oil cooler connector
- (F) Plug
- (G) Gasket
- (H) O-ring

## C: INSPECTION

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