

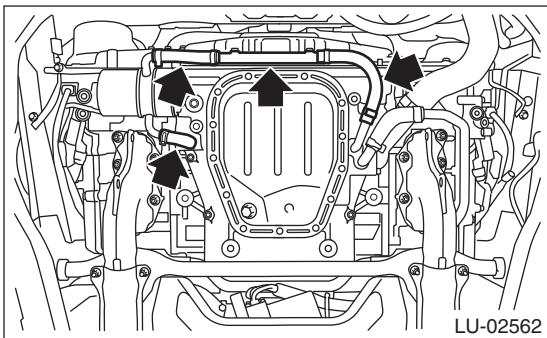
### 8. Oil Cooler

#### A: REMOVAL

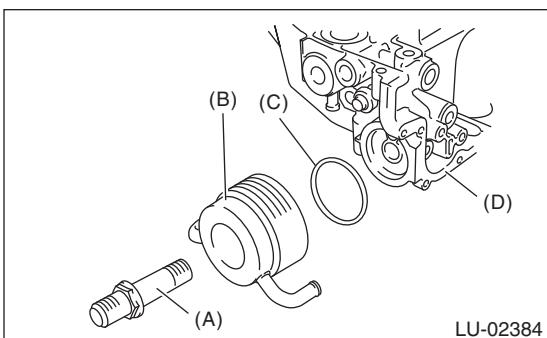
##### CAUTION:

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. <Ref. to EI-35, REMOVAL, Front Under Cover.>
- 3) Drain engine coolant. <Ref. to CO(H6DO)-12, 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 engine oil filter using the ST. <Ref. to LU(H6DO)-15, REMOVAL, Engine Oil Filter.>  
ST 18332AA020 OIL FILTER WRENCH
- 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

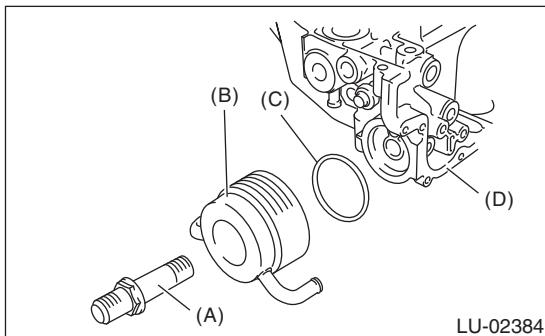
#### B: INSTALLATION

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

##### Tightening torque:

54 N·m (5.5 kgf-m, 39.8 ft-lb)

NOTE:  
Use new O-rings.

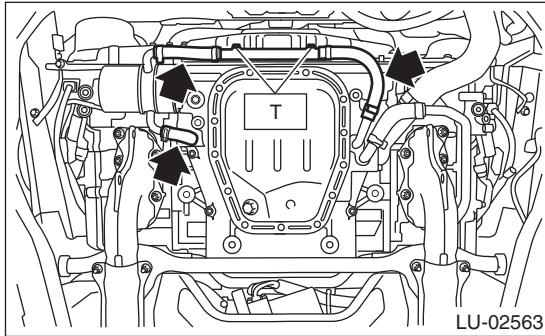


(A) Oil cooler connector  
(B) Oil cooler  
(C) O-ring  
(D) Oil pan upper

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

##### Tightening torque:

T: 6.4 N·m (0.7 kgf-m, 4.7 ft-lb)



- 4) Install the under cover. <Ref. to EI-35, INSTALLATION, Front Under Cover.>
- 5) Lower the vehicle.
- 6) Fill the ATF. <Ref. to CO(H6DO)-12, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 7) Refill the engine oil. <Ref. to LU(H6DO)-9, REPLACEMENT, Engine Oil.>
- 8) 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.