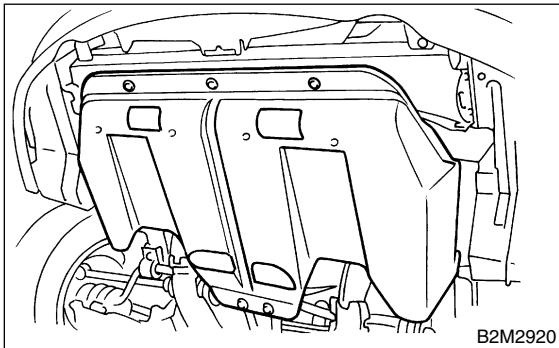


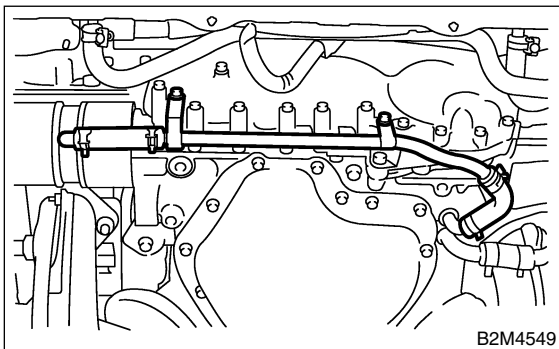
9. Oil Cooler S148073

A: REMOVAL S148073A18

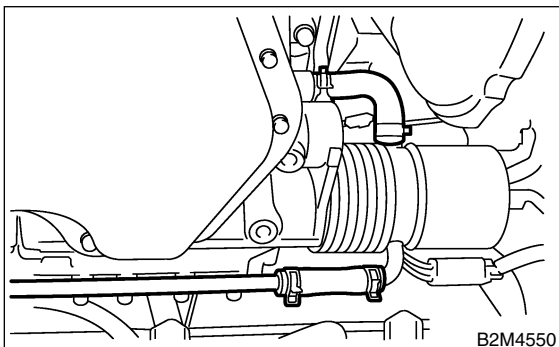
- 1) Lift-up the vehicle.
- 2) Remove under cover.



- 3) Drain engine coolant completely. <Ref. to CO(H6)-18, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 4) Drain engine oil. <Ref. to LU(H6)-10, REPLACEMENT, Engine Oil.>
- 5) Remove bolts which install water pipe to engine.

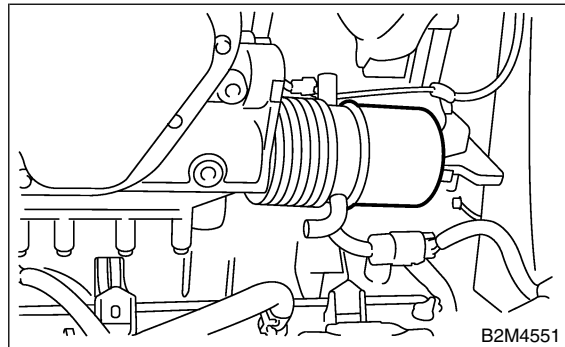


- 6) Disconnect water hoses from oil cooler.

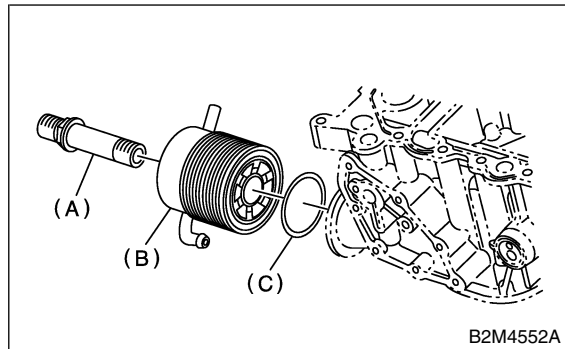


- 7) Remove oil filter using ST. <Ref. to LU(H6)-18, REMOVAL, Engine Oil Filter.>
ST 49854700 OIL FILTER WRENCH

NOTE:
Set container under the vehicle.



- 8) Remove connector and remove oil cooler.



- (A) Connector
- (B) Oil cooler
- (C) O-ring

B: INSPECTION S148073A10

- 1) Check that coolant passages are not clogged using air blow method.
- 2) Check mating surfaces of gasket, upper oil pan groove and oil filter for damage.

OIL COOLER

Lubrication

C: INSTALLATION S148073A11

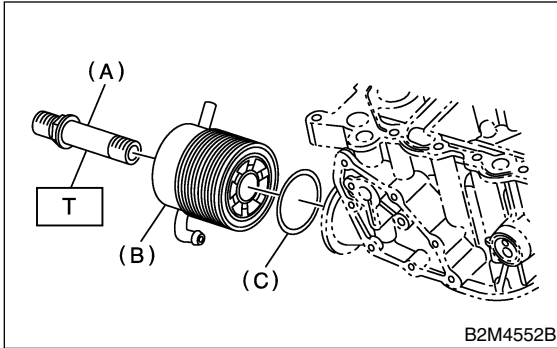
1) Install oil cooler on upper oil pan with connector pipe.

Tightening torque:

T: 54 N·m (5.5 kgf·m, 40 ft·lb)

NOTE:

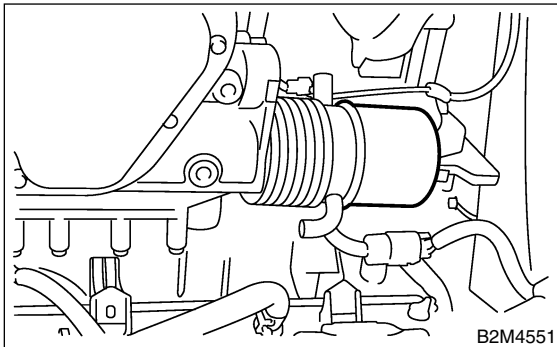
Always use a new O-ring.



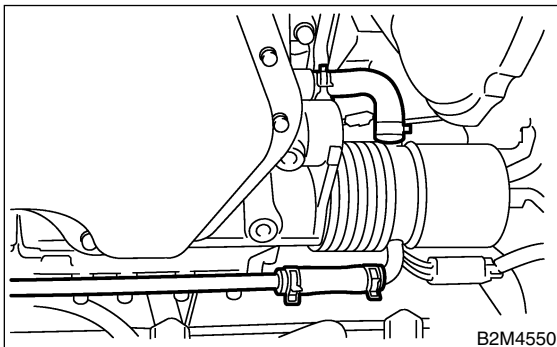
- (A) Connector
- (B) Oil cooler
- (C) O-ring

2) Install oil filter using ST. <Ref. to LU(H6)-18, INSTALLATION, Engine Oil Filter.>

ST 49854700 OIL FILTER WRENCH



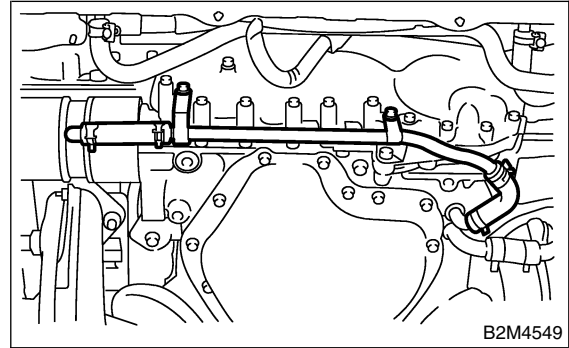
3) Install water hose.



4) Install water pipe to engine.

Tightening torque:

6.4 N·m (0.65 kgf·m, 4.7 ft·lb)



5) Fill engine oil. <Ref. to LU(H6)-10, REPLACEMENT, Engine Oil.>

6) Fill engine coolant. <Ref. to CO(H6)-18, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

7) Check the engine oil level. <Ref. to LU(H6)-10, INSPECTION, Engine Oil.>