

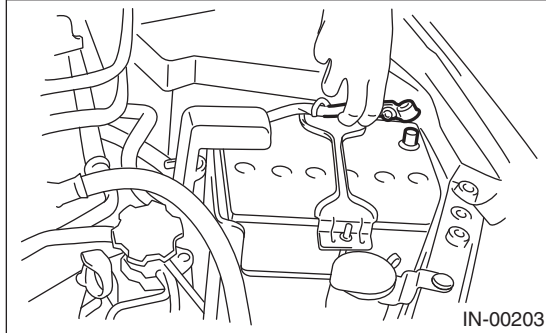
6. Radiator

A: REMOVAL

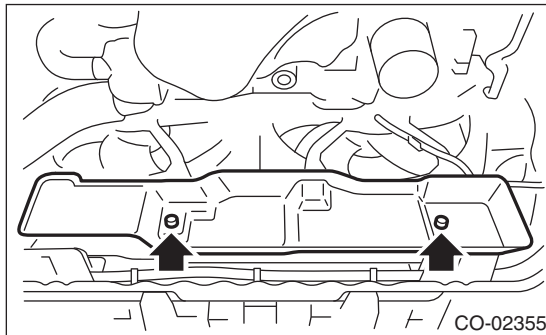
CAUTION:

The radiator is pressurized. Wait until engine cools down before working on the radiator.

- 1) Set the vehicle on a lift.
- 2) Remove the collector cover.
- 3) Disconnect the ground cable from the battery.

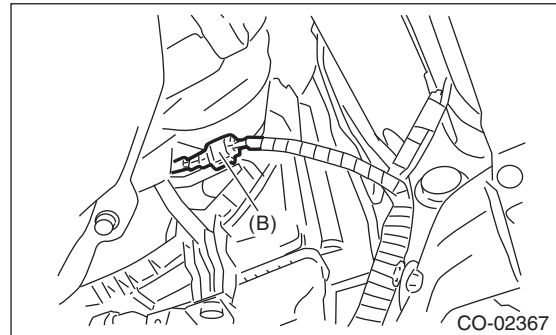
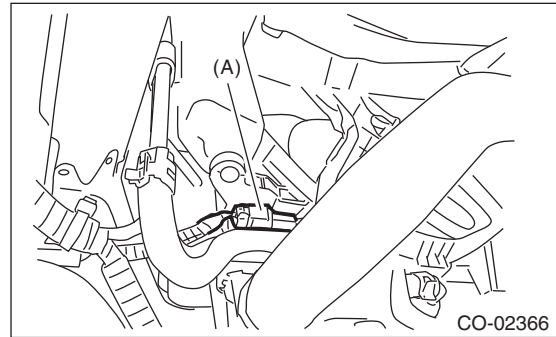


- 4) Lift up the vehicle.
- 5) Remove the under cover.
- 6) Remove the heat shield cover from radiator.

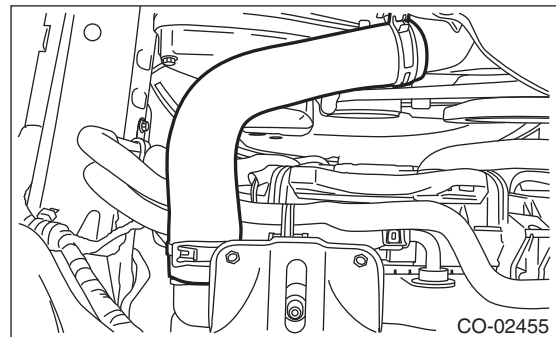


- 7) Drain engine coolant completely.
<Ref. to CO(H4DOTC)-13, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

- 8) Disconnect the connectors of main fan motor (A) and sub fan motor (B).



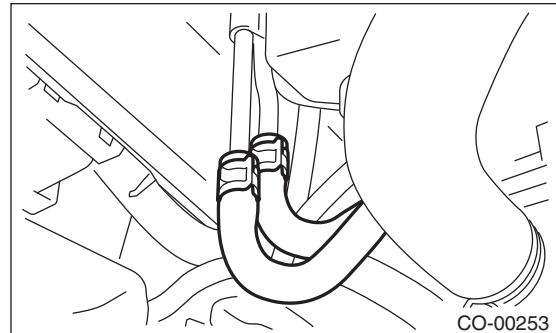
- 9) Disconnect the radiator outlet hose from thermostat cover.



- 10) Disconnect the ATF cooler hoses from ATF pipes.

NOTE:

Plug the ATF pipe to prevent ATF from leaking.

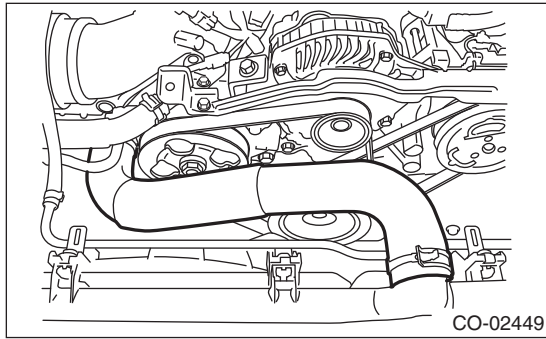


- 11) Lower the vehicle.
- 12) Remove the air intake duct. <Ref. to IN(H4DOTC)-9, REMOVAL, Air Intake Duct.>
- 13) Remove the reservoir tank. <Ref. to CO(H4DOTC)-28, REMOVAL, Reservoir Tank.>

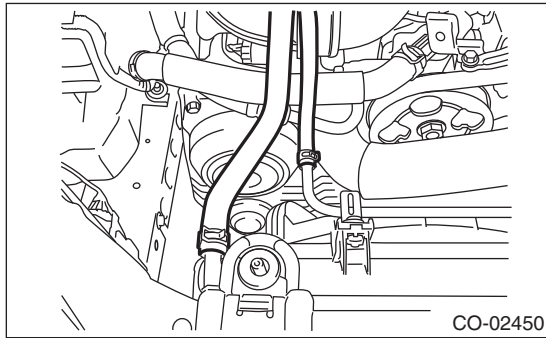
Radiator

COOLING

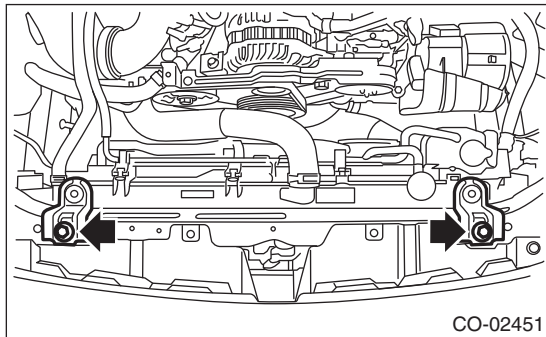
- 14) Disconnect the radiator inlet hose from the radiator.



- 15) Disconnect the two coolant filler tank hoses from the radiator.



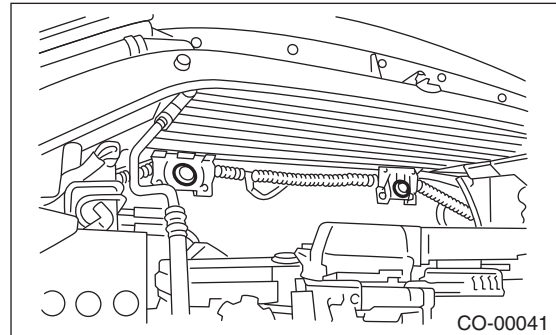
- 16) Remove the radiator upper brackets.



- 17) Move the radiator to the left while lifting it upward.
18) Lift the radiator up and away from vehicle.

B: INSTALLATION

- 1) Attach the radiator lower cushion to the hole on the radiator lower bracket.



- 2) Install the radiator to vehicle.

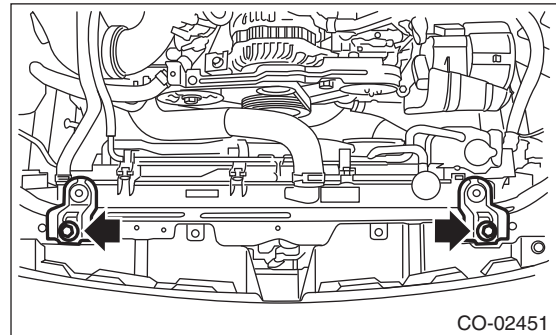
NOTE:

Make pins on the lower side of radiator be fitted into the radiator lower cushions on body side.

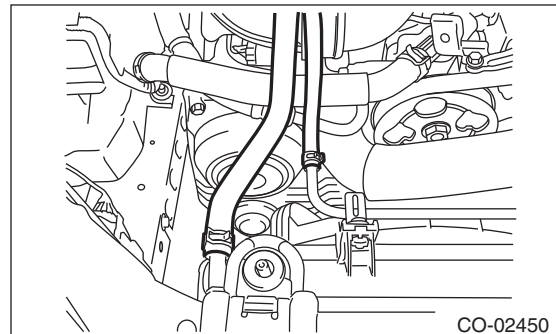
- 3) Install the radiator upper brackets and tighten the bolts.

Tightening torque:

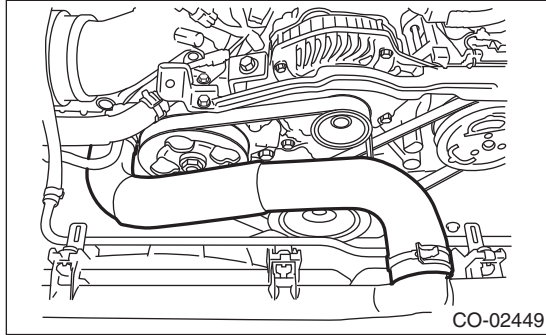
12 N·m (1.2 kgf-m, 8.9 ft-lb)



- 4) Connect the two coolant filler tank hoses to the radiator.



- 5) Connect the radiator inlet hose.



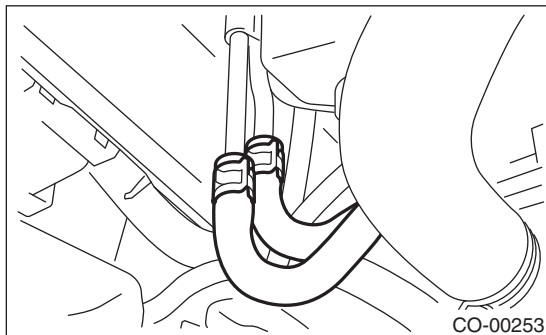
- 6) Install the reservoir tank. <Ref. to CO(H4DOTC)-28, INSTALLATION, Reservoir Tank.>

- 7) Install the air intake duct.

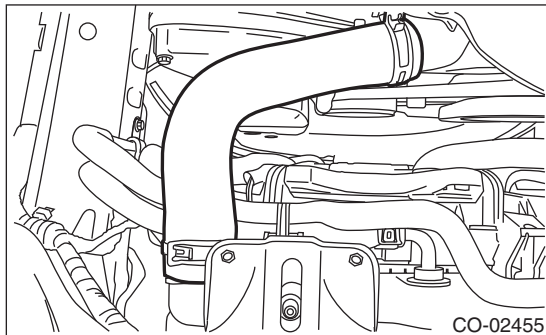
<Ref. to IN(H4DOTC)-9, INSTALLATION, Air Intake Duct.>

- 8) Lift up the vehicle.

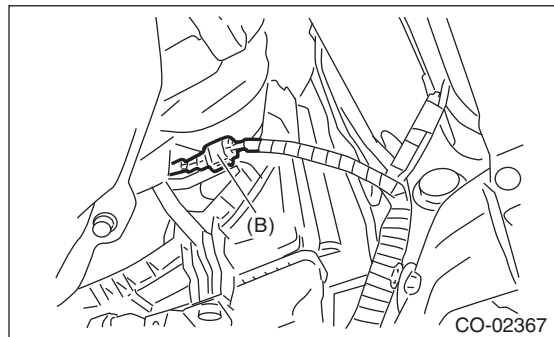
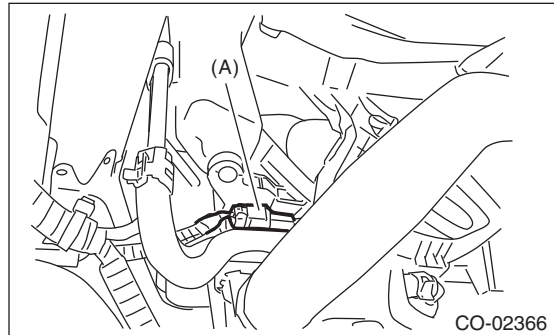
- 9) Connect the ATF cooler hoses.



- 10) Connect the radiator outlet hose.



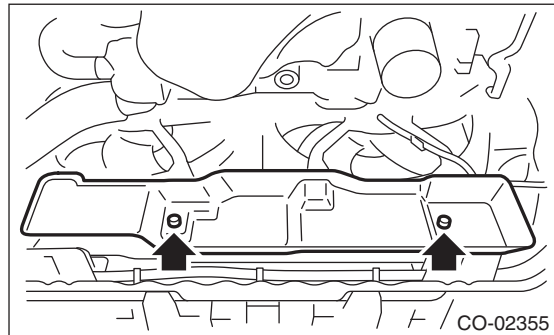
- 11) Connect the connectors to the main fan motor (A) and sub fan motor (B).



- 12) Install the heat shield cover to the radiator.

Tightening torque:

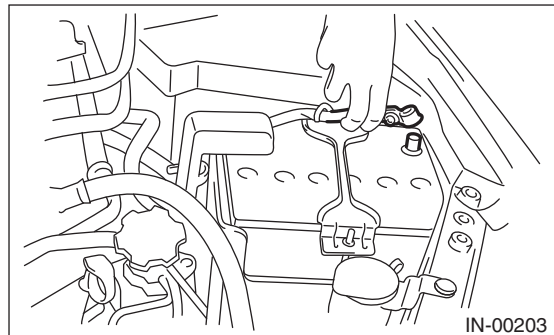
3 N·m (0.3 kgf-m, 2.2 ft-lb)



- 13) Install the under cover.

- 14) Lower the vehicle.

- 15) Connect the battery ground cable to battery.



- 16) Fill engine coolant.

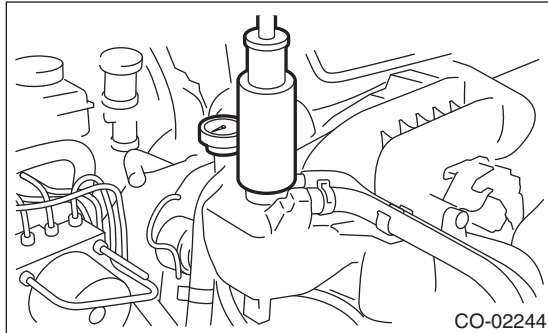
<Ref. to CO(H4DOTC)-13, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

17) Check the ATF level. <Ref. to 4AT-26, INSPECTION, Automatic Transmission Fluid.>

18) Install the collector cover.

C: INSPECTION

1) Remove the coolant filler tank cap, fill the coolant filler tank with engine coolant, then install the tester to the installation position of the cap.



2) Apply a pressure of 122 kPa (1.2 kg/cm², 18 psi) to the radiator and check the following points:

- Leakage from the radiator or its vicinity
- Leakage from the hose or its connections

CAUTION:

- Inspection must be carried out at the side of coolant filler tank, not at the side of radiator.
- Engine should be turned off.
- Wipe engine coolant from check points in advance.
- Be careful of the spurt of engine coolant when removing the tester.
- Be careful not to deform the filler neck of the coolant filler tank when installing and removing the tester.