

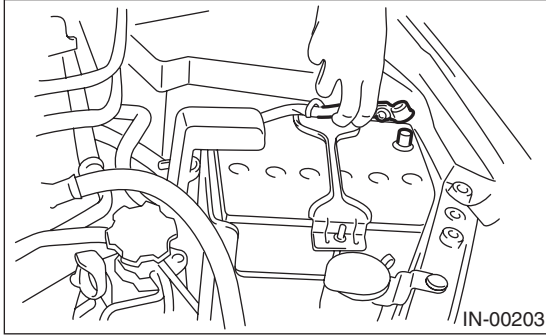
## 6. Radiator

### A: REMOVAL

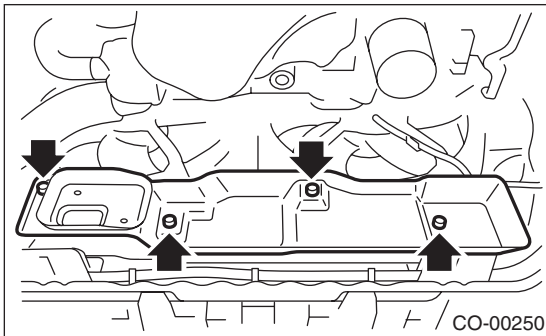
#### WARNING:

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 battery.

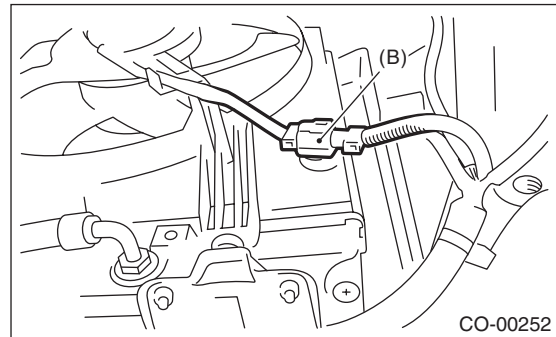
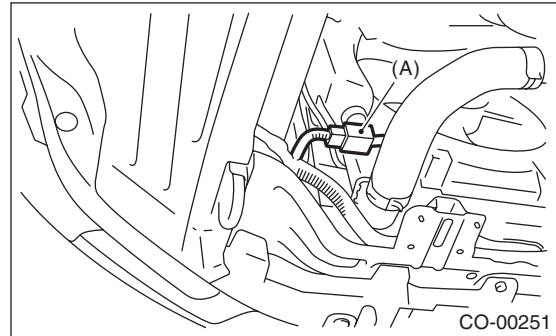


- 4) Lift-up the vehicle.
- 5) Remove the under cover.
- 6) Remove the heat shield cover from radiator. (AT model)

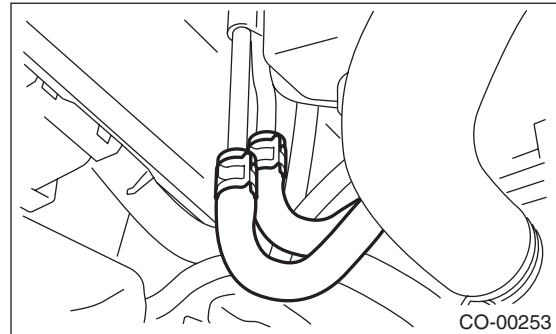


- 7) Drain engine coolant completely. <Ref. to CO(H4DOTC)-13, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

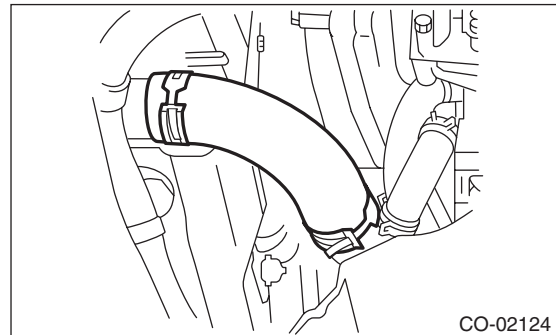
- 8) Disconnect the connectors of radiator main fan (A) and sub fan motor (B).



- 9) Disconnect the ATF cooler hoses from ATF pipes. Plug the ATF pipe to prevent ATF from leaking. (AT model)



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

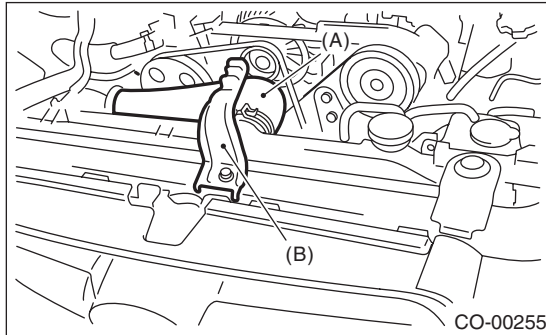


- 11) Lower the vehicle.
- 12) Remove the air intake duct. <Ref. to IN(H4DOTC)-9, REMOVAL, Air Intake Duct.>
- 13) Disconnect the over flow hose.

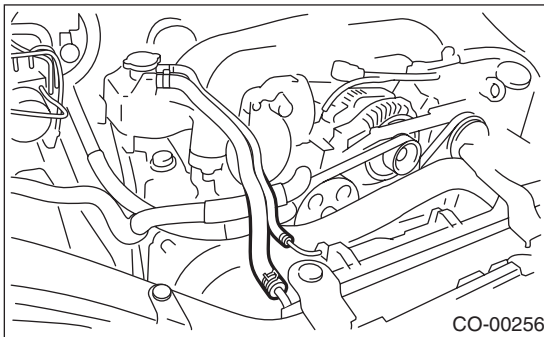
# Radiator

## COOLING

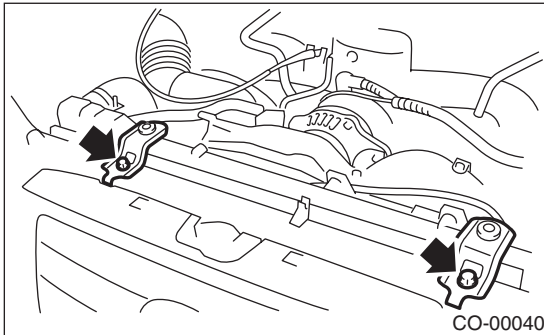
- 14) Remove the reservoir tank. <Ref. to CO(H4DOTC)-30, REMOVAL, Reservoir Tank.>
- 15) Disconnect the radiator inlet hose (A) from the radiator.
- 16) Remove the hood stay holder (B).



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



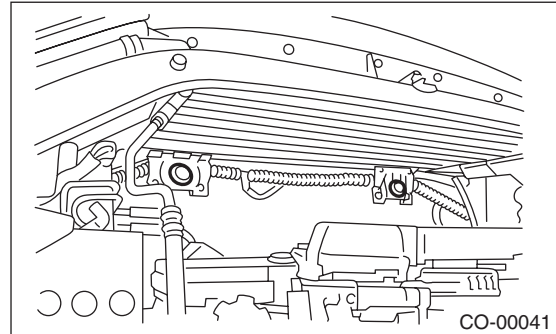
- 18) Remove the radiator upper brackets.



- 19) Move the radiator to the left while lifting it upward.
- 20) 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.

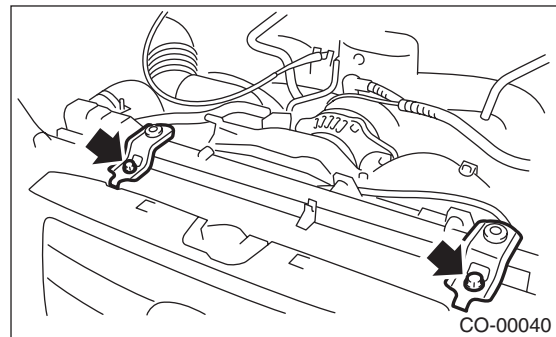
### NOTE:

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

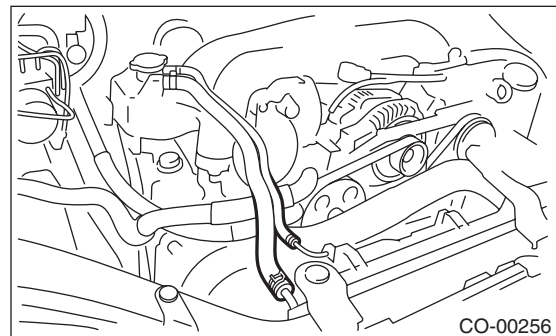
- 3) Install the radiator upper brackets and tighten the bolts.

### Tightening torque:

**12 N·m (1.2 kgf-m, 8.9 ft-lb)**

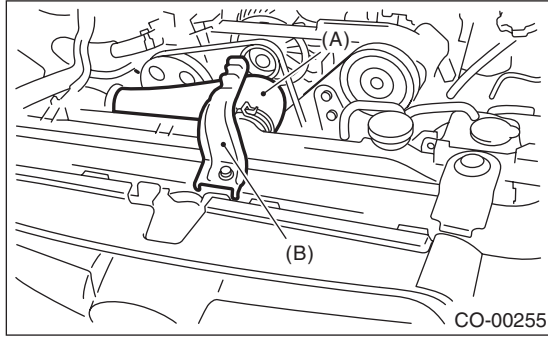


- 4) Connect the two coolant filler tank hoses to the radiator.



- 5) Connect the radiator inlet hose (A).

6) Install the hood stay holder (B).



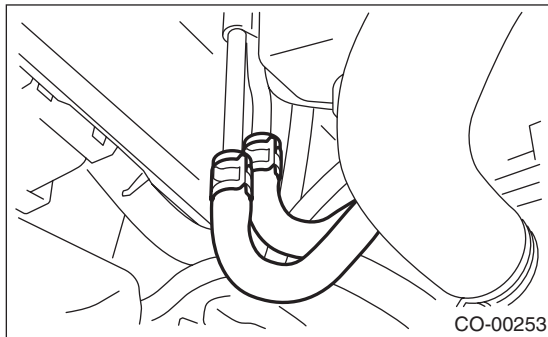
7) Install the reservoir tank. <Ref. to CO(H4DOTC)-30, INSTALLATION, Reservoir Tank.>

8) Connect the over flow hose.

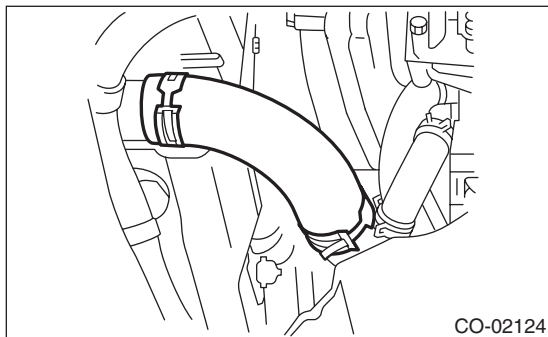
9) Install the air intake duct. <Ref. to IN(H4DOTC)-9, INSTALLATION, Air Intake Duct.>

10) Lift-up the vehicle.

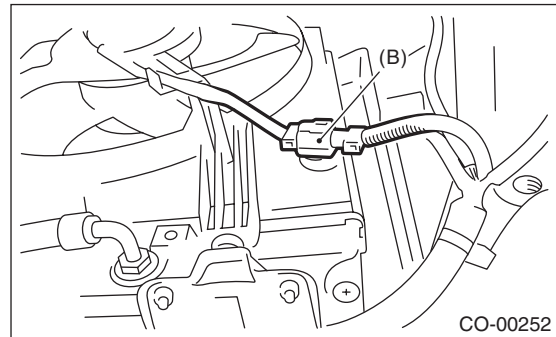
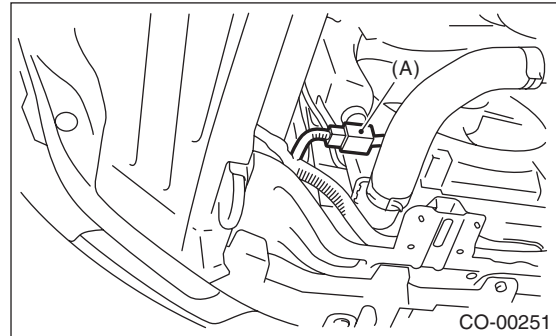
11) Connect the ATF cooler hoses. (AT model)



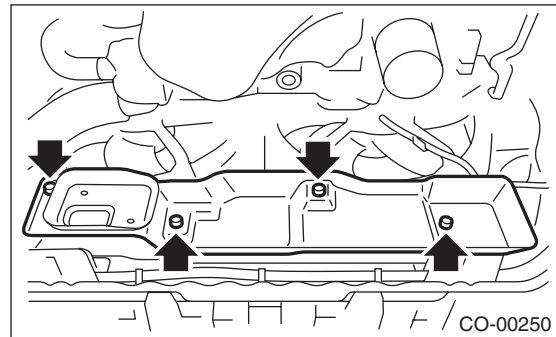
12) Connect the radiator outlet hose.



13) Connect the connectors to the radiator main fan motor (A) and sub fan motor (B).



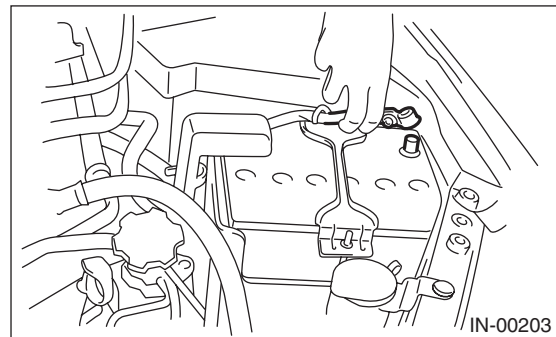
14) Install the heat shield cover. (AT model)



15) Install the under cover.

16) Lower the vehicle.

17) Connect the battery ground cable to the battery.



18) Fill engine coolant.

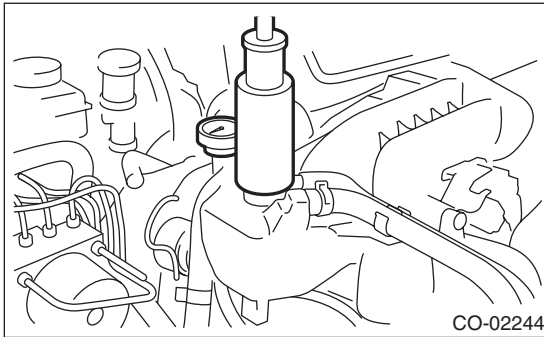
<Ref. to CO(H4DOTC)-13, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

19) Check the ATF level. <Ref. to 5AT-26, INSPECTION, Automatic Transmission Fluid.>

20) 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) In the following cases, apply a pressure of 122 kPa (1.2 kg/cm<sup>2</sup>, 18 psi) to the radiator.

- There is coolant leaking from the radiator or its vicinity.
- There is coolant leaking from the hoses or 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.**