

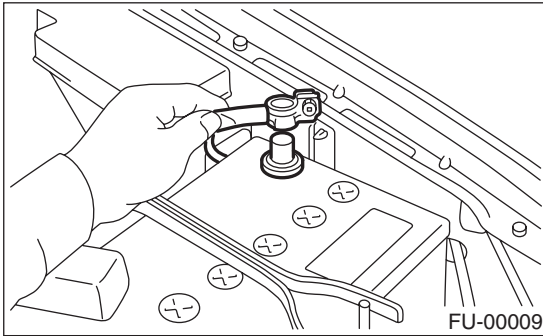
6. Radiator

A: REMOVAL

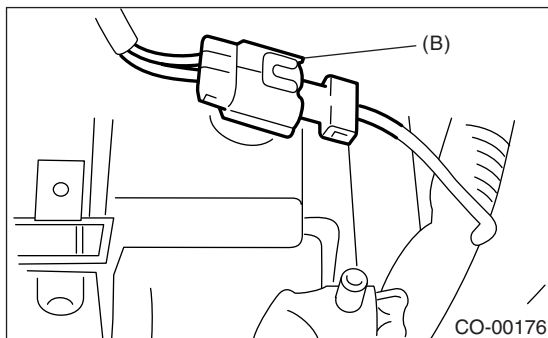
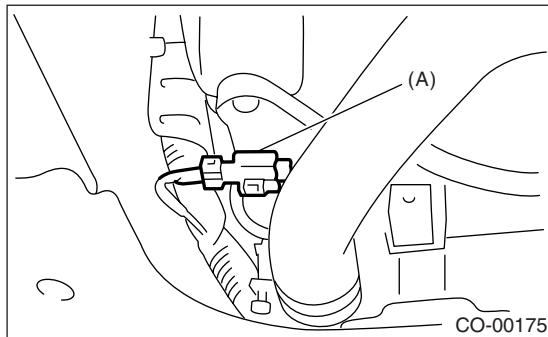
WARNING:

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

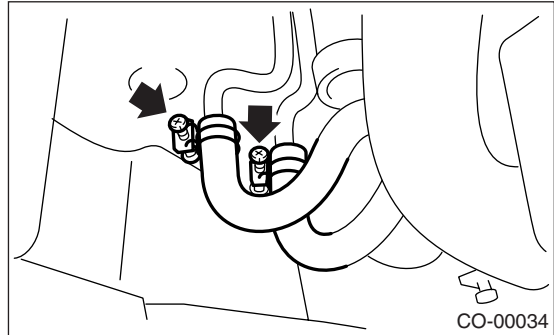
- 1) Set the vehicle on a lift.
- 2) Disconnect the ground cable from battery.



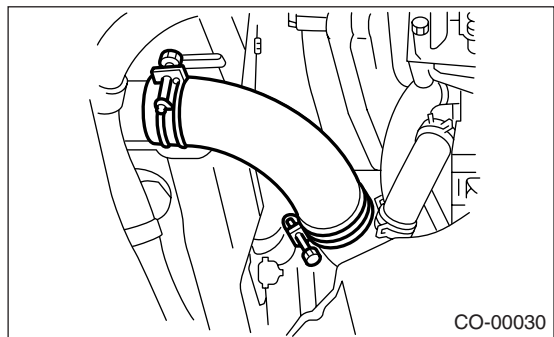
- 3) Lift-up the vehicle.
- 4) Remove the under cover.
- 5) Drain the engine coolant completely. <Ref. to CO(H4DOTC)-13, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 6) Disconnect the connectors of radiator main fan motor (A) and sub fan motor (B).



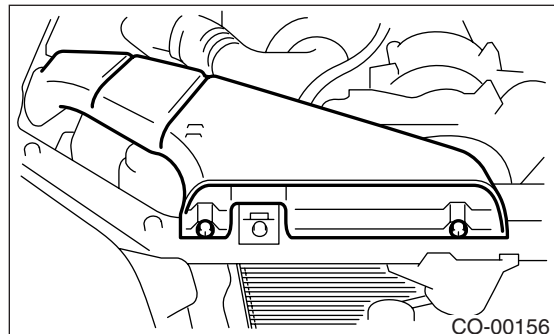
- 7) Disconnect the ATF cooler hose from ATF pipe. (AT model) Plug the openings in the hose and radiator with caps in order to prevent ATF from leaking.



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



- 9) Lower the vehicle.
- 10) Remove the air intake duct.

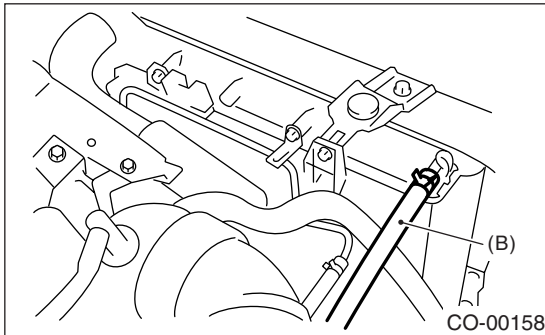
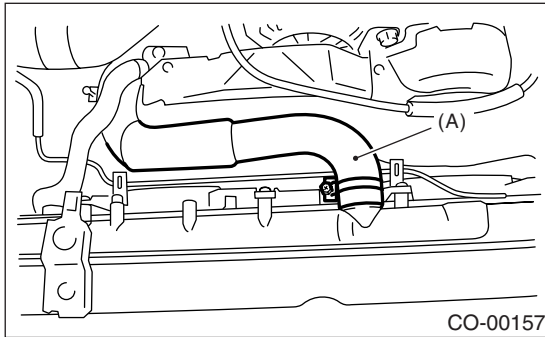


- 11) Remove the V-belt covers.
- 12) Disconnect the overflow hose.
- 13) Remove the reservoir tank. <Ref. to CO(H4DOTC)-28, REMOVAL, Reservoir Tank.>

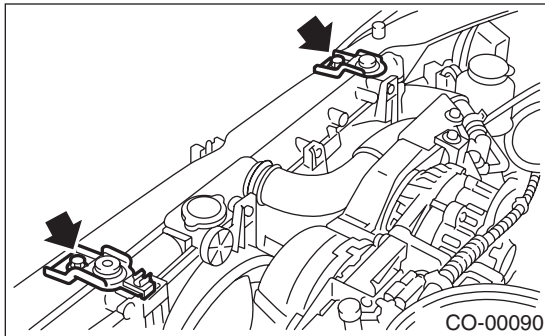
RADIATOR

COOLING

14) Disconnect the radiator inlet hose (A) and water tank hose (B) from radiator.



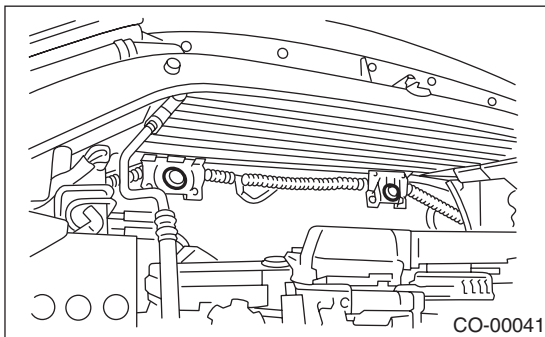
15) Remove the radiator upper brackets.



16) Lift-up the radiator, and then remove it from vehicle.

B: INSTALLATION

1) Attach the radiator mounting cushions to the holes on vehicle.



2) Install the radiator to vehicle.

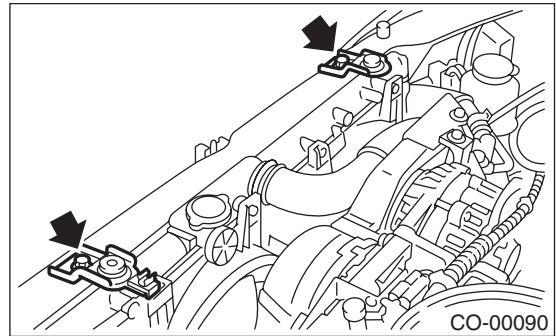
NOTE:

Fit the pins on lower side of radiator into the cushions on body side.

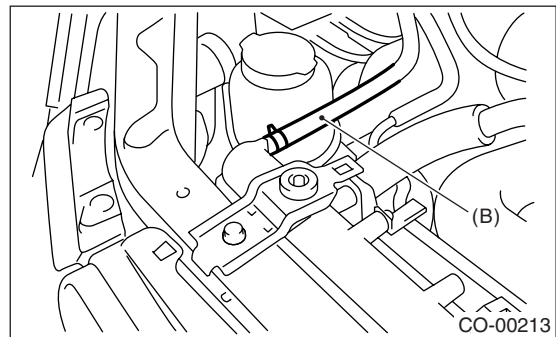
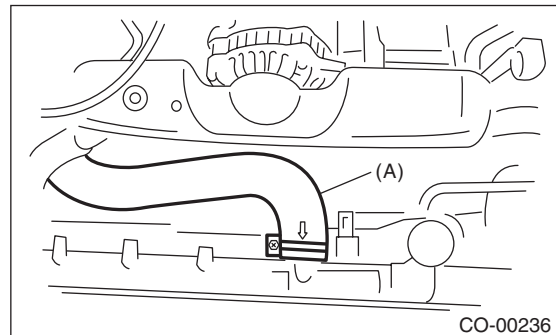
3) Install the radiator brackets, and then tighten the bolts.

Tightening torque:

18 N·m (1.8 kgf-m, 13.0 ft-lb)



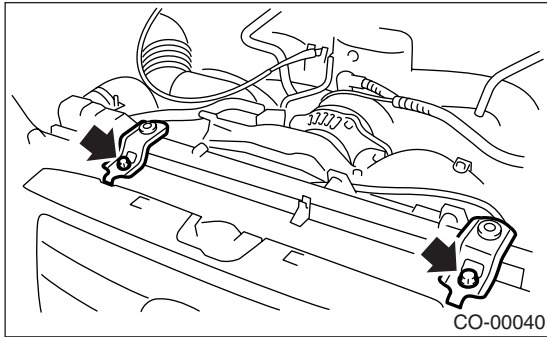
4) Connect the radiator inlet hose (A) and water tank hose (B).



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

6) Connect the overflow hose.

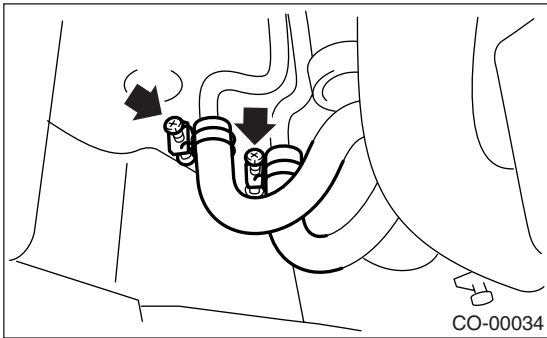
7) Install the V-belt cover.



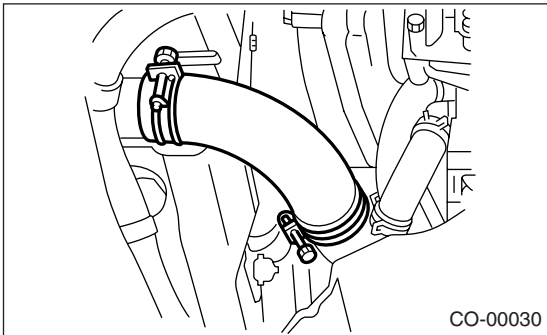
8) Install the air intake duct.
<Ref. to IN(H4DOTC)-8, INSTALLATION, Air Intake Duct.>

9) Lift-up the vehicle.

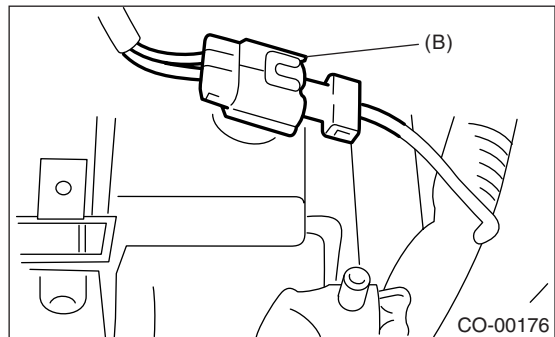
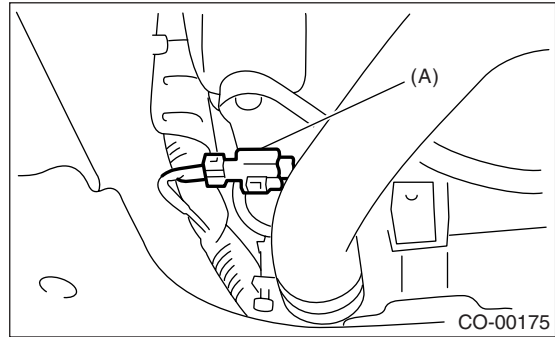
10) Connect the ATF cooler hoses. (AT model).



11) Connect the radiator outlet hose.



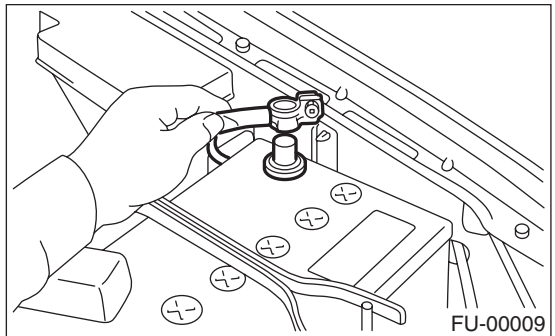
12) Connect the connectors to radiator main fan motor (A) and sub fan motor (B).



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.>

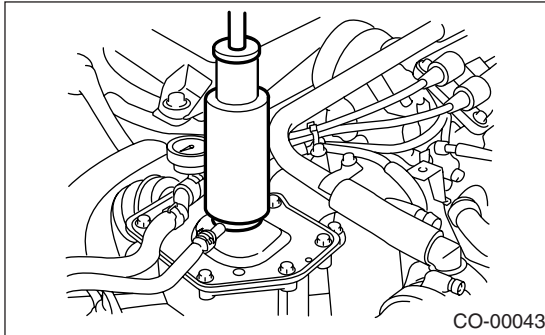
17) Check the ATF level. <Ref. to 4AT-31, INSPECTION, Automatic Transmission Fluid.>

RADIATOR

COOLING

C: INSPECTION

1) Remove the coolant filler tank cap, top off coolant filler tank, and then attach the tester to coolant filler tank in place of cap.



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

- (1) Engine coolant leaks at/around radiator.
- (2) Engine coolant leaks at/around 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 to prevent engine coolant from spurting out when removing the tester.
- Be careful also not to deform the filler neck of coolant filler tank when installing or removing tester.