

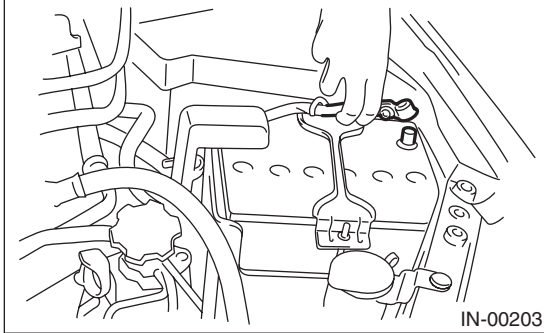
6. Radiator

A: REMOVAL

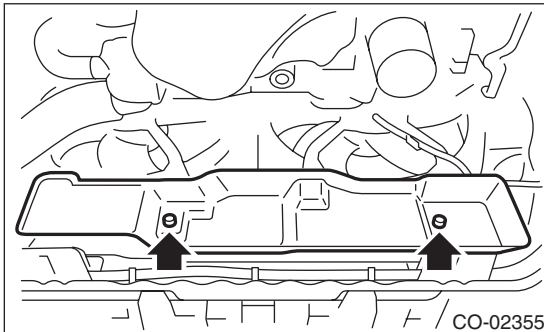
CAUTION:

The radiator is pressurized when the engine and radiator are hot. Wait until engine and radiator cool down before working on the radiator.

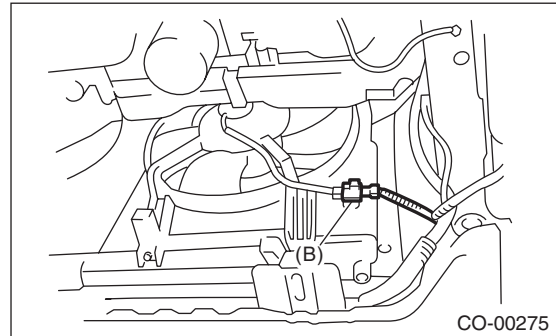
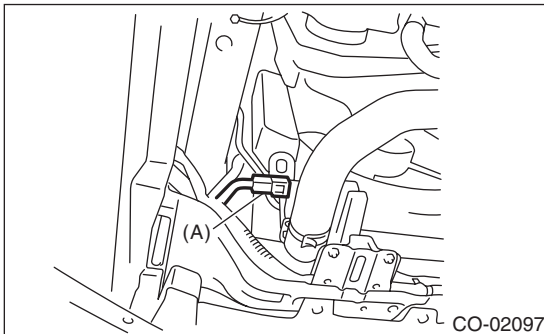
- 1) Set the vehicle on a lift.
- 2) Disconnect the ground cable from battery.



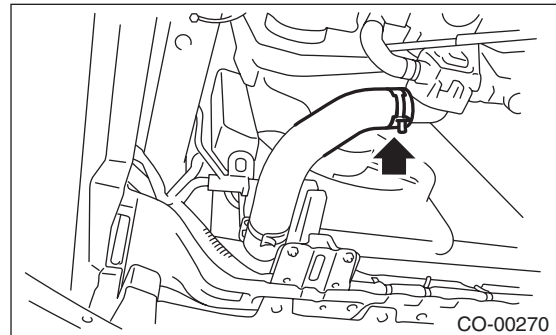
- 3) Lift up the vehicle.
- 4) Remove the under cover.
- 5) Remove the heat shield cover from radiator. (AT model)



- 6) Drain the engine coolant. <Ref. to CO(H4SO)-13, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 7) Disconnect the main fan motor assembly connector (A) and sub fan motor assembly connector (B).



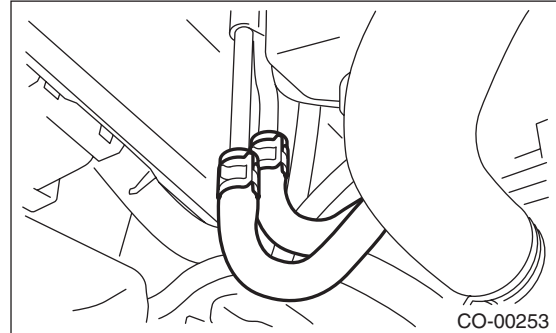
- 8) Disconnect the radiator outlet hose from thermostat cover.



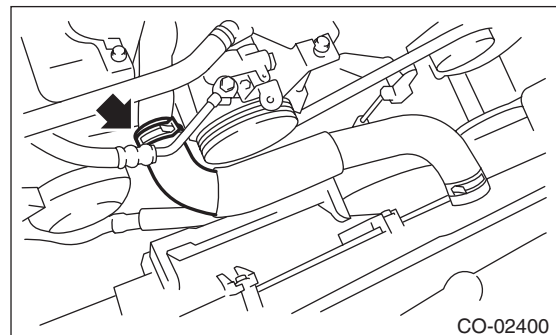
- 9) Disconnect the ATF cooler hoses from ATF pipes. (AT model)

NOTE:

Plug the ATF pipe to prevent ATF from leaking.



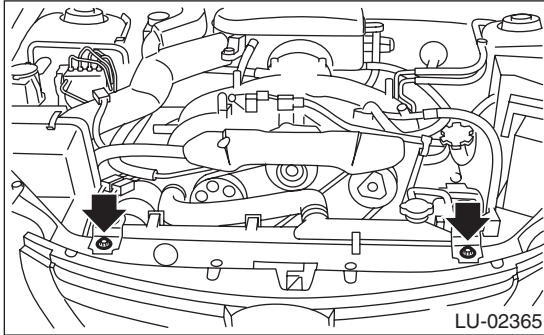
- 10) Lower the vehicle.
- 11) Disconnect the over flow hose.
- 12) Remove the reservoir tank. <Ref. to CO(H4SO)-27, REMOVAL, Reservoir Tank.>
- 13) Remove the air intake duct. <Ref. to IN(H4SO)-8, REMOVAL, Air Intake Duct.>
- 14) Disconnect the radiator inlet hose from engine.



Radiator

COOLING

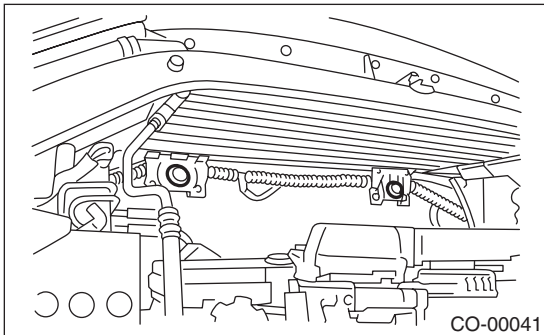
- 15) Remove the radiator upper brackets.



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

B: INSTALLATION

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



- 2) Install the radiator to vehicle.

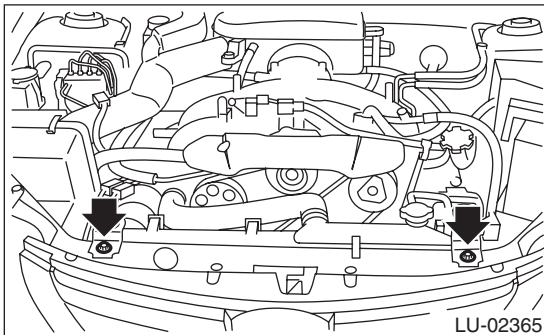
NOTE:

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

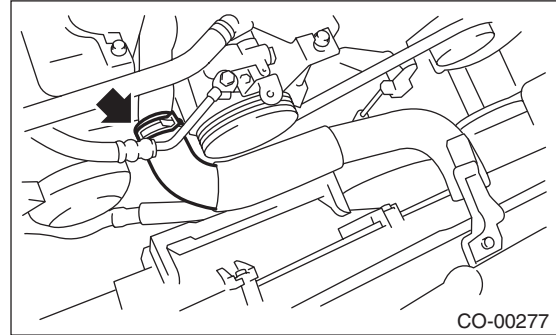
- 3) Install the radiator upper brackets and tighten the bolts.

Tightening torque:

12 N·m (1.2 kgf-m, 8.9 ft-lb)



- 4) Connect the radiator inlet hose.



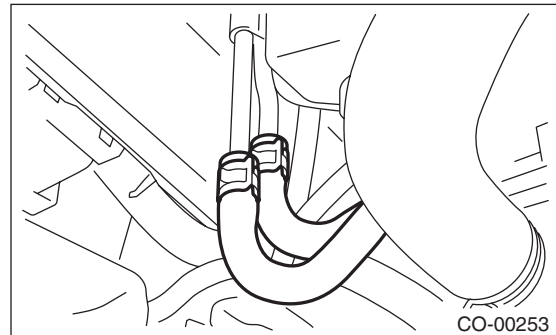
- 5) Install the air intake duct. <Ref. to IN(H4SO)-8, INSTALLATION, Air Intake Duct.>

- 6) Install the reservoir tank. <Ref. to CO(H4SO)-27, INSTALLATION, Reservoir Tank.>

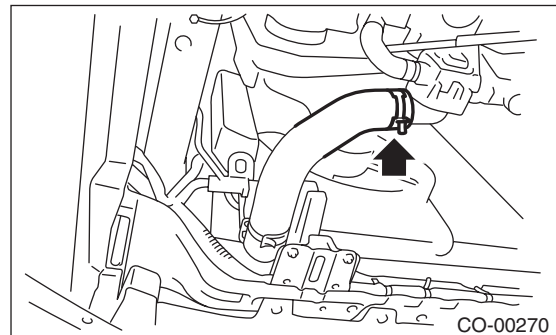
- 7) Connect the over flow hose.

- 8) Lift up the vehicle.

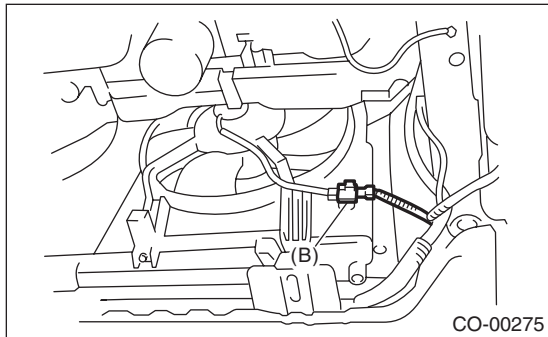
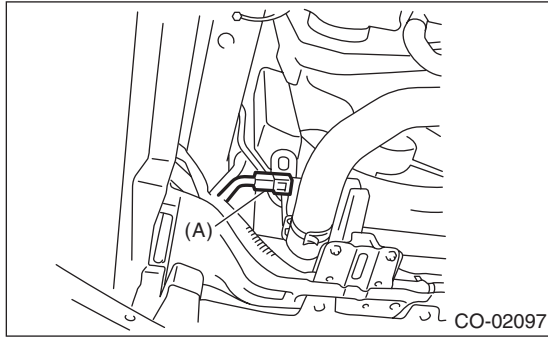
- 9) Connect the ATF cooler hoses. (AT model)



- 10) Connect the radiator outlet hose.



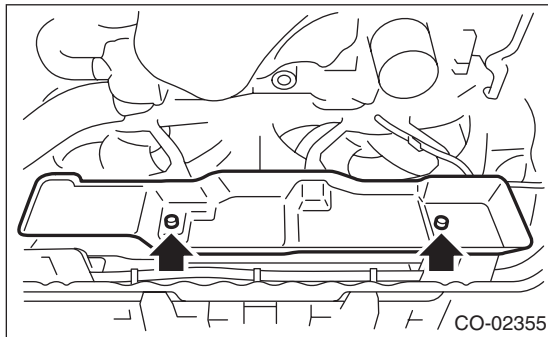
- 11) Connect the main fan motor assembly connector (A) and sub fan motor assembly connector (B).



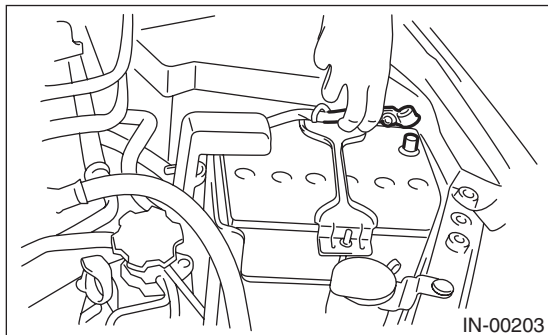
- 12) Install the heat shield cover. (AT model)

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 ground cable to battery.

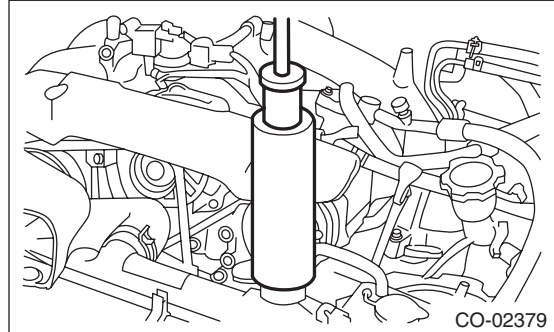


- 16) Fill engine coolant. <Ref. to CO(H4SO)-13, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

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

C: INSPECTION

- 1) Remove the radiator cap, fill the radiator with engine coolant, and then install the tester to the installation position of cap.



- 2) Apply a pressure of 157 kPa (1.6 kg/cm², 23 psi) to the radiator and check the following points:

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

CAUTION:

- Engine should be turned off.
- Wipe engine coolant from check points in advance.
- Be careful of engine coolant from spurting out when removing the tester.
- Be careful not to deform the filler neck of radiator when installing and removing the tester.