

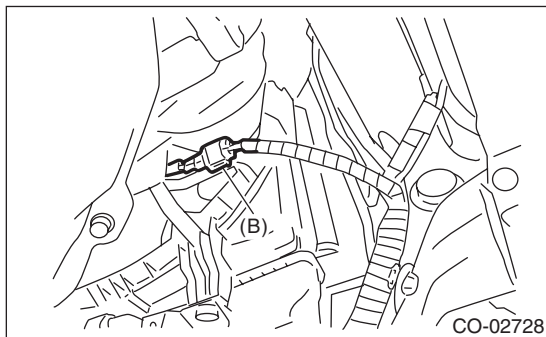
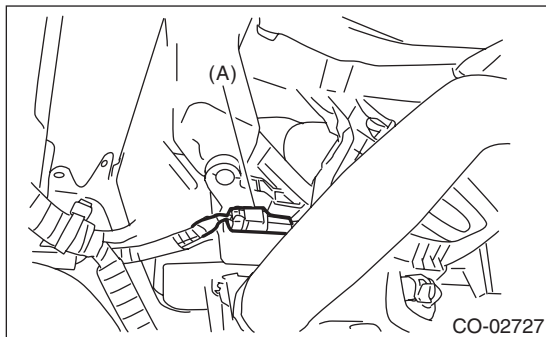
6. Radiator

A: REMOVAL

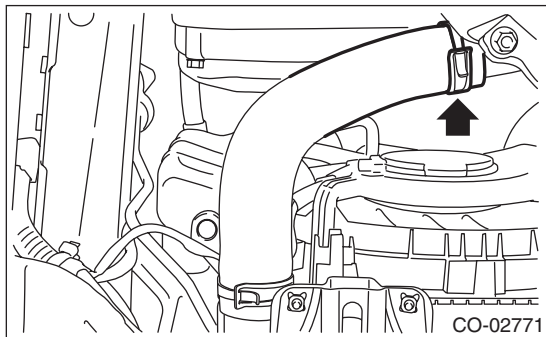
CAUTION:

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

- 1) Disconnect the ground cable from battery.
- 2) Remove the air intake duct. <Ref. to IN(STI)-11, REMOVAL, Air Intake Duct.>
- 3) Remove the reservoir tank. <Ref. to CO(STI)-27, REMOVAL, Reservoir Tank.>
- 4) Drain engine coolant. <Ref. to CO(STI)-13, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 5) Disconnect the connector (A) from the main fan motor and the connector (B) from the sub fan motor.

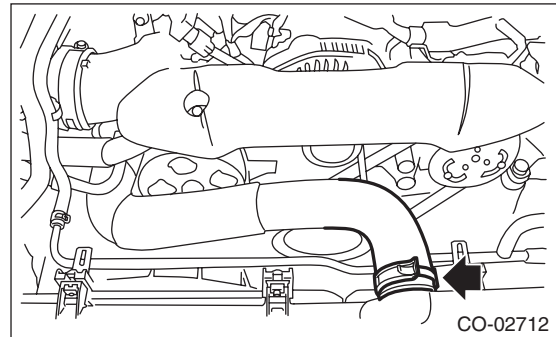


- 6) Disconnect the radiator outlet hose from thermostat cover.

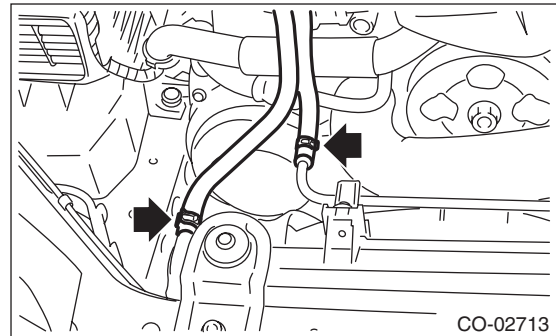


- 7) Lower the vehicle.

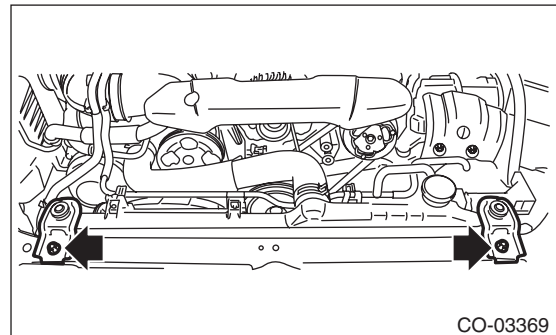
- 8) Disconnect the radiator inlet hose from the radiator.



- 9) Disconnect the two engine coolant hoses from the radiator and over flow pipe.



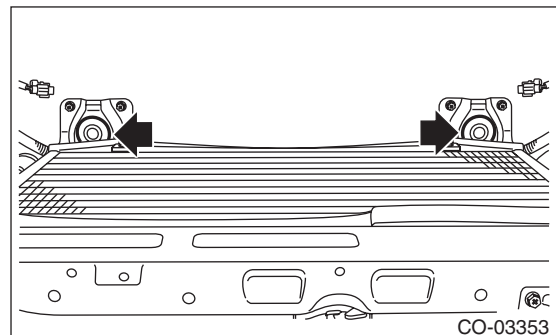
- 10) Remove the radiator upper brackets.



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

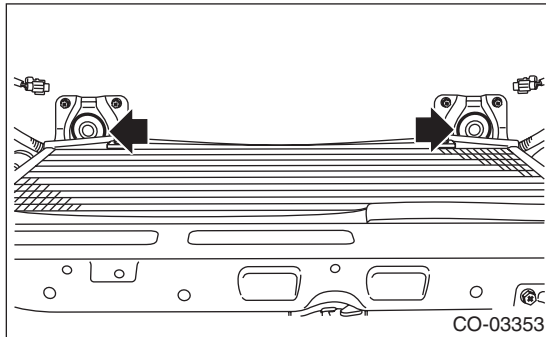
- 12) Lift the radiator up and remove the radiator from vehicle.

- 13) Remove the radiator lower cushion from the radiator lower bracket.



B: INSTALLATION

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



- 2) Install the radiator to vehicle.

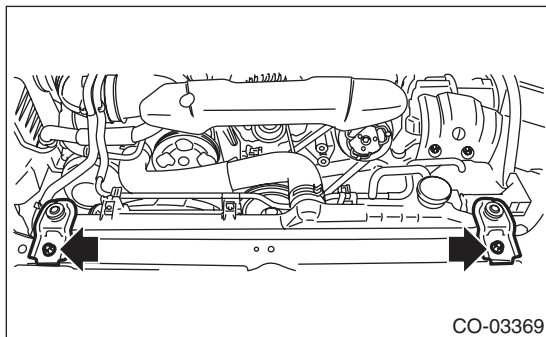
NOTE:

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

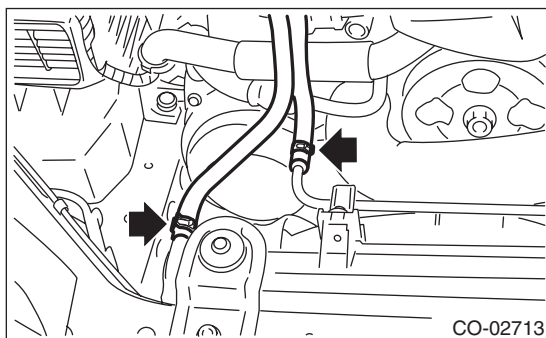
- 3) Install the radiator upper brackets.

Tightening torque:

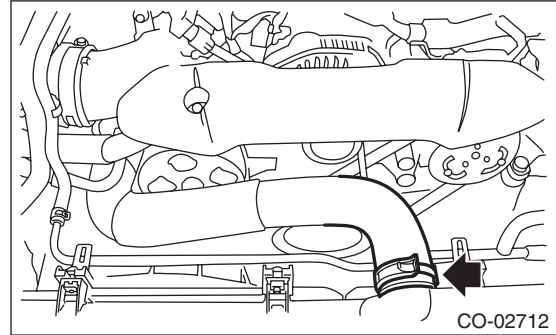
12 N·m (1.2 kgf-m, 8.9 ft-lb)



- 4) Connect the two engine coolant hoses to the radiator and over flow pipe.

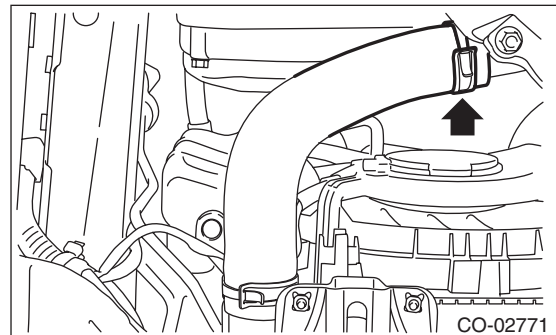


- 5) Connect the radiator inlet hose.

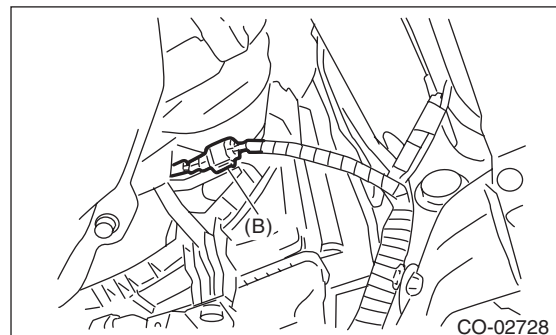
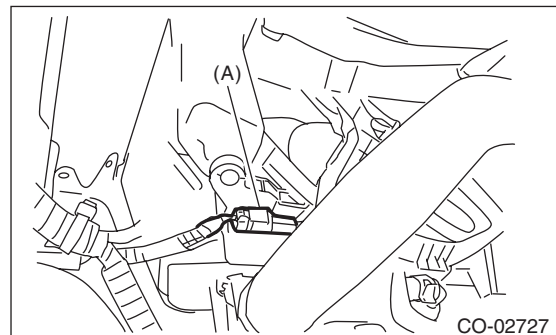


- 6) Lift up the vehicle.

- 7) Connect the radiator outlet hose.



- 8) Connect the connector (A) to the main fan motor and the connector (B) to the sub fan motor.



- 9) Install the under cover. <Ref. to EI-22, INSTALLATION, Front Under Cover.>

- 10) Lower the vehicle.

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

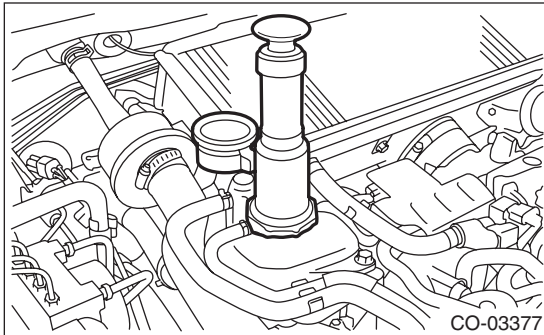
- 12) Install the air intake duct. <Ref. to IN(STI)-11, INSTALLATION, Air Intake Duct.>

- 13) Connect the battery ground terminal.

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

C: INSPECTION

- 1) Check that the radiator does not have deformation, cracks or damage.
- 2) Check that the hose has no cracks, damage or loose part.
- 3) Remove the coolant filler tank cap, fill the coolant filler tank with engine coolant, then install the radiator cap tester to the filler neck of coolant filler tank.



- 4) 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 not to deform the filler neck of the coolant filler tank when installing and removing the radiator cap tester.
- Be careful of engine coolant from spurting out when removing the radiator cap tester.