

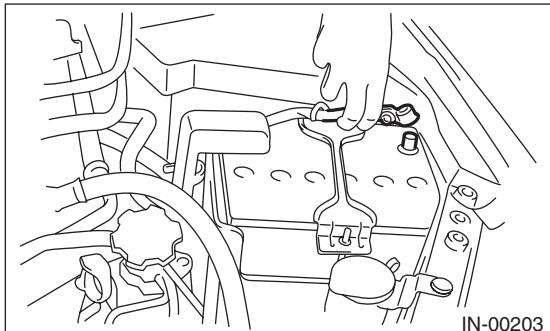
6. Radiator

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.

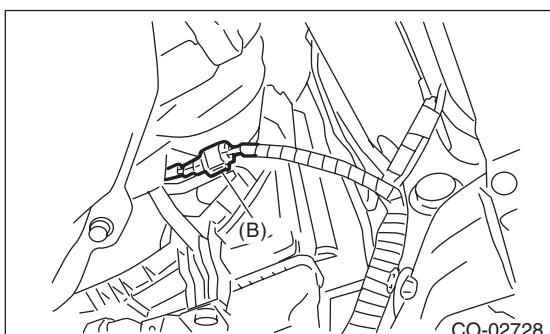
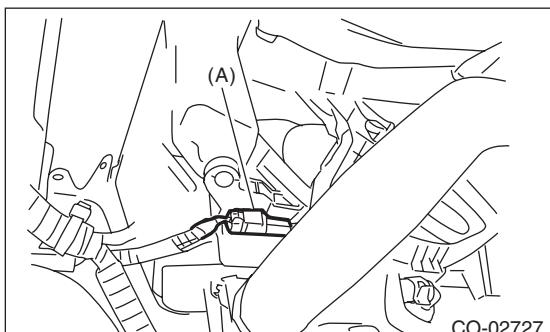


2) Lift up the vehicle.

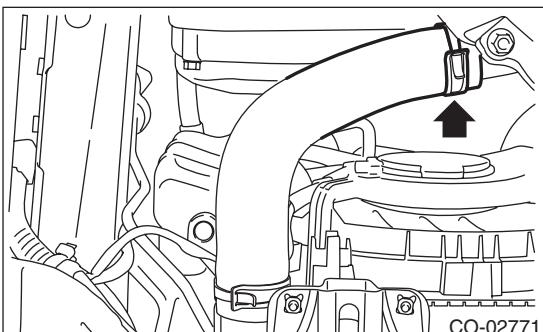
3) Remove the under cover. <Ref. to EI-28, REMOVAL, Front Under Cover.>

4) Drain engine coolant. <Ref. to CO(w/o 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.

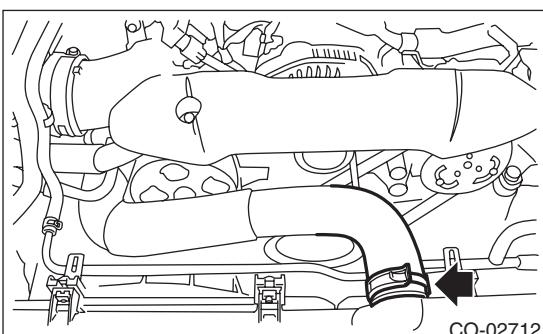


7) Lower the vehicle.

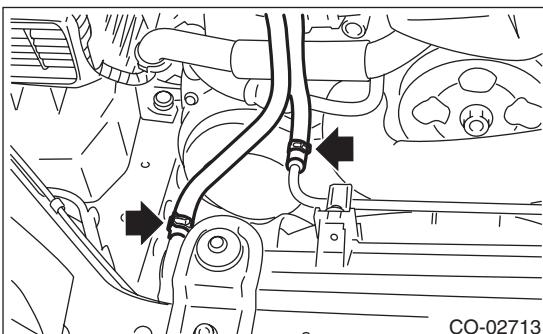
8) Remove the air intake duct. <Ref. to IN(w/o STI)-10, REMOVAL, Air Intake Duct.>

9) Remove the reservoir tank. <Ref. to CO(w/o STI)-27, REMOVAL, Reservoir Tank.>

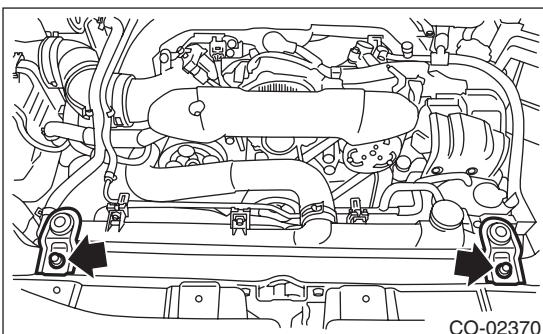
10) Disconnect the radiator inlet hose from the radiator.



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



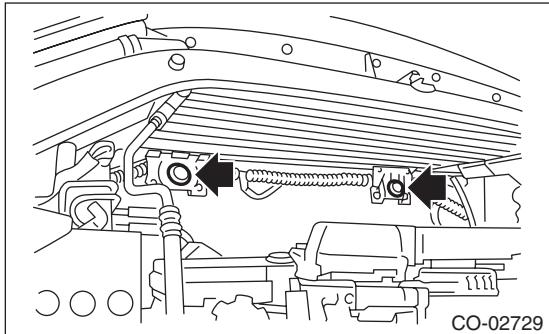
12) Remove the radiator upper brackets.



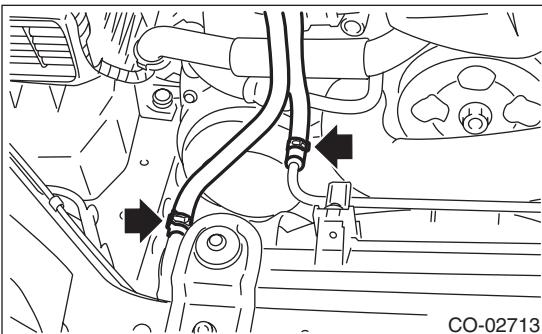
Radiator

COOLING

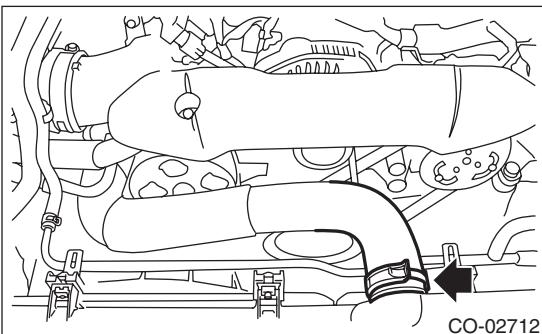
- 13) Move the radiator to the left while lifting it upward.
- 14) Lift the radiator up and remove the radiator from vehicle.
- 15) Remove the radiator lower cushion from the radiator lower bracket.



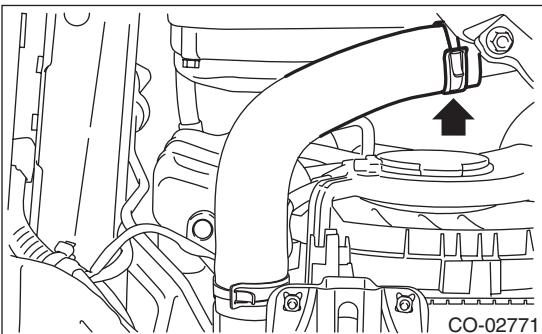
- 4) Connect the two engine coolant hoses to the radiator and over flow pipe.



- 5) Connect the radiator inlet hose.

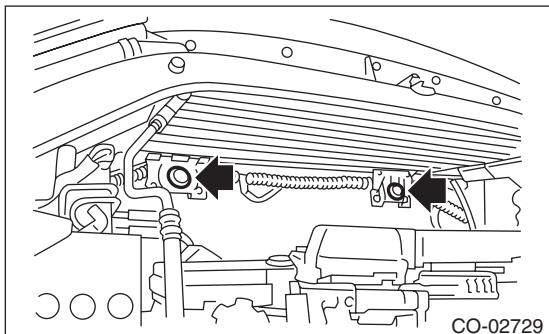


- 6) Install the reservoir tank. <Ref. to CO(w/o STI)-27, INSTALLATION, Reservoir Tank. >
- 7) Install the air intake duct. <Ref. to IN(w/o STI)-10, INSTALLATION, Air Intake Duct. >
- 8) Lift up the vehicle.
- 9) Connect the radiator outlet hose.



B: INSTALLATION

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



- 2) Install the radiator to vehicle.

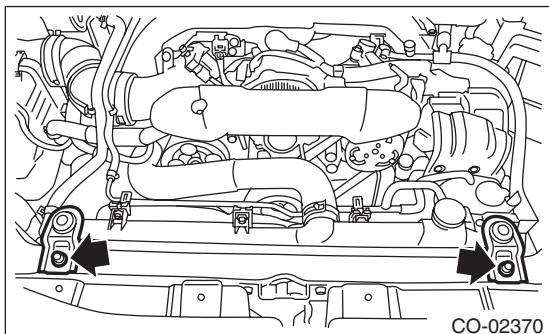
NOTE:

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

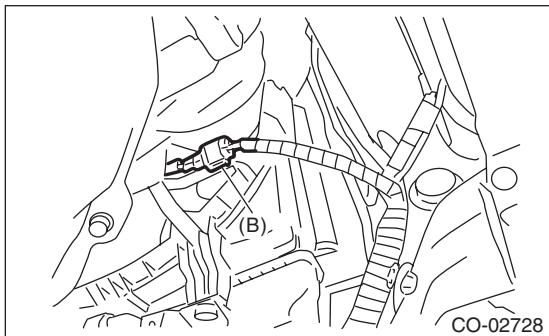
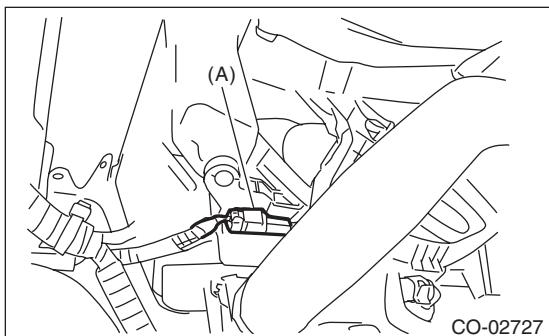
- 3) Install the radiator upper brackets.

Tightening torque:

12 N·m (1.2 kgf·m, 8.9 ft-lb)



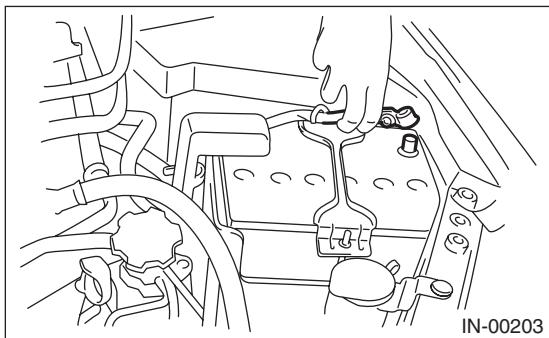
10) Connect the connector (A) to the main fan motor and the connector (B) to the sub fan motor.



11) Install the under cover. <Ref. to EI-28, INSTALLATION, Front Under Cover.>

12) Lower the vehicle.

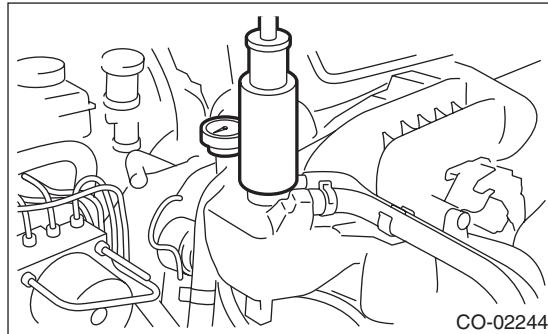
13) Connect the battery ground terminal.



14) Fill engine coolant. <Ref. to CO(w/o 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 spouting out when removing the radiator cap tester.**