

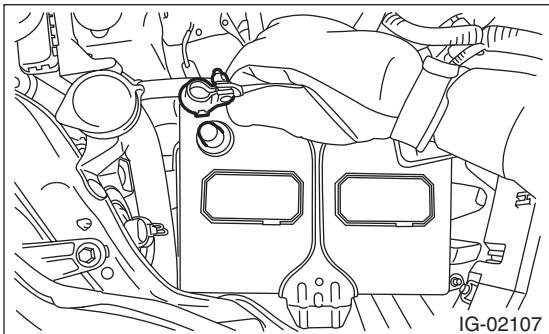
6. Radiator

A: REMOVAL

CAUTION:

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

1) Disconnect the ground cable from battery.

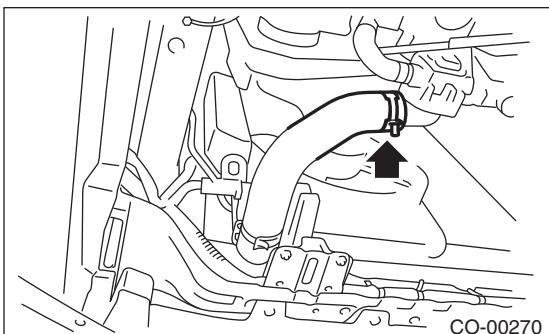


2) Lift up the vehicle.

3) Remove the under cover. <Ref. to EI-35, REMOVAL, Front Under Cover.>

4) Drain engine coolant. <Ref. to CO(H4SO)-14, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

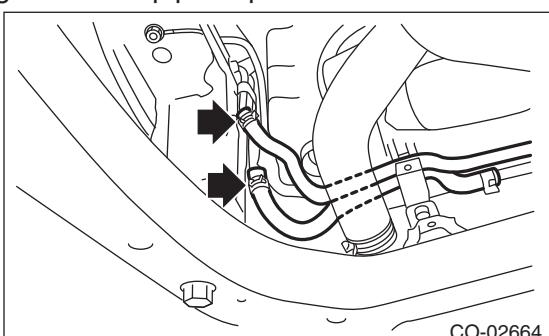
5) Disconnect the radiator outlet hose from thermostat cover.



6) Disconnect the CVTF cooler hoses from CVTF pipes. (CVT model)

NOTE:

Plug the CVTF pipe to prevent CVTF from leaking.

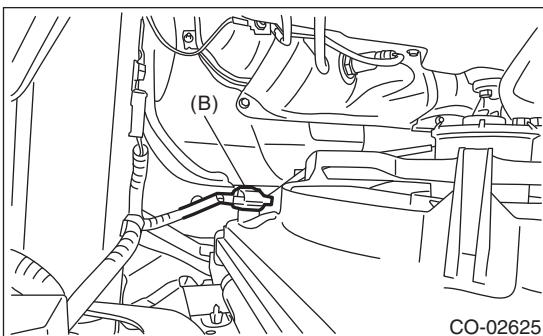
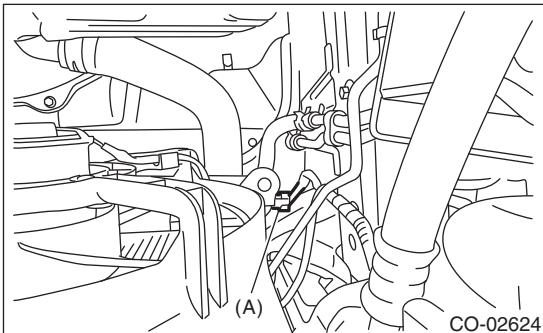


7) Lower the vehicle.

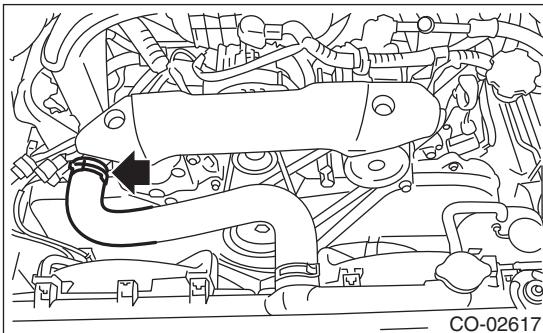
8) Remove the air intake duct. <Ref. to IN(H4SO)-9, REMOVAL, Air Intake Duct.>

9) Remove the reservoir tank. <Ref. to CO(H4SO)-26, REMOVAL, Reservoir Tank.>

10) Disconnect the connectors of main fan motor (A) and sub fan motor (B).



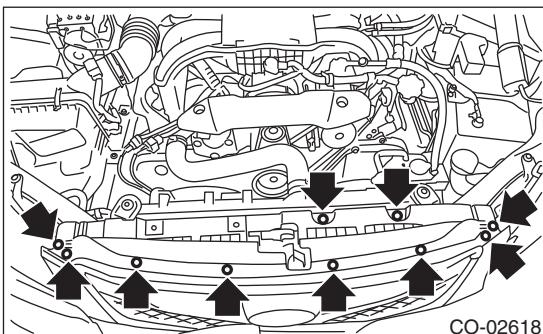
11) Disconnect the radiator inlet hoses from the engine.



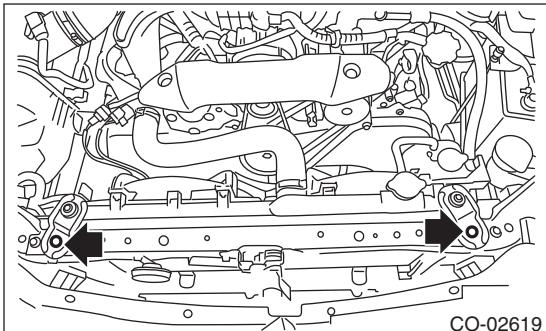
12) Remove the grille bracket.

NOTE:

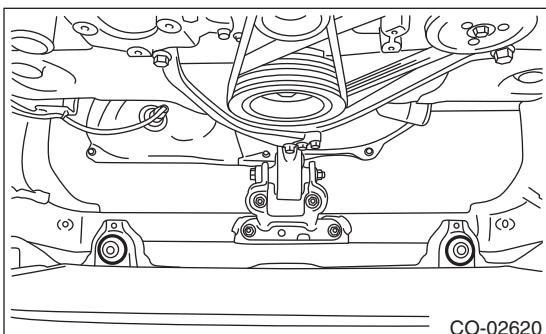
Remove ten clips when removing the grille bracket.



13) Remove the radiator upper brackets.

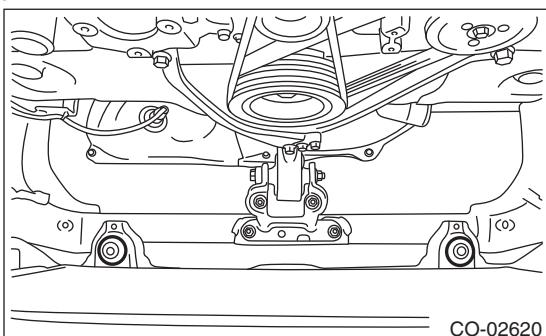


14) Lift the radiator up and away from vehicle.
15) Remove the radiator lower cushion from the vehicle body.



B: INSTALLATION

1) Install the radiator lower cushion to the vehicle body.



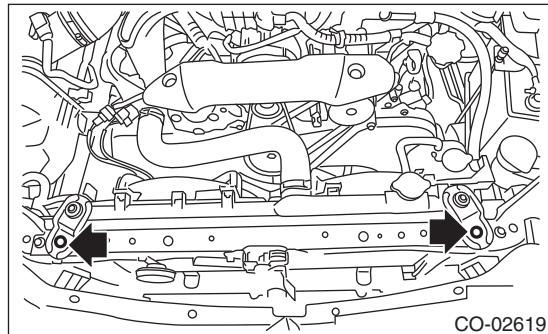
2) Install the radiator to the vehicle.

NOTE:

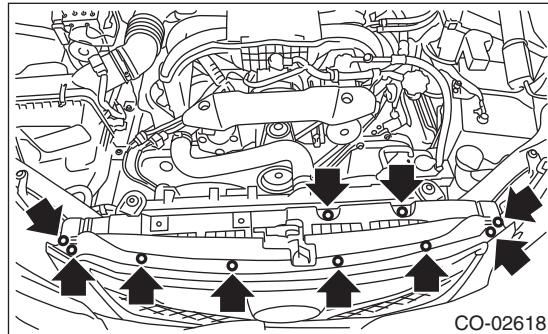
Insert the pin on the lower side of radiator into the radiator lower cushion.

3) Install the radiator upper brackets.

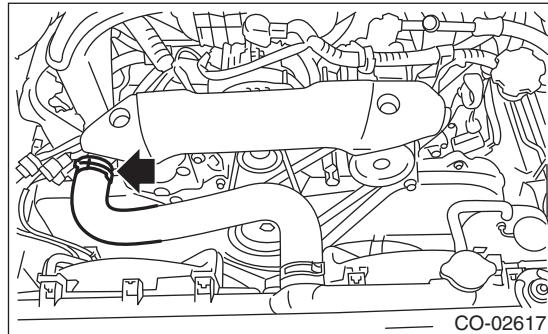
Tightening torque:
12 N·m (1.2 kgf-m, 8.9 ft-lb)



4) Attach the grille bracket.



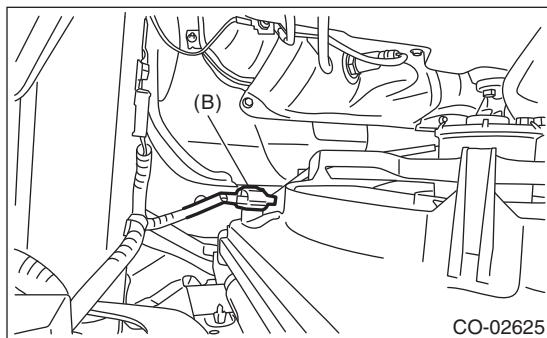
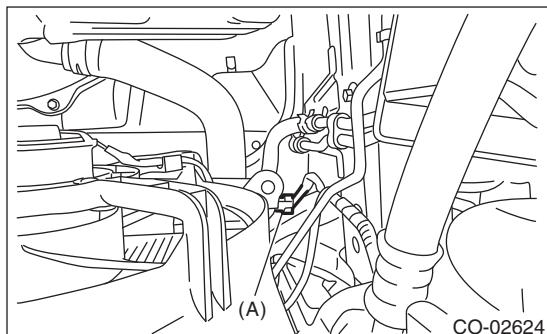
5) Connect the radiator inlet hose.



Radiator

COOLING

6) Connect the connectors of radiator main fan motor connector (A) and sub fan motor connector (B).



7) Install the air intake duct. <Ref. to IN(H4SO)-9, INSTALLATION, Air Intake Duct.>

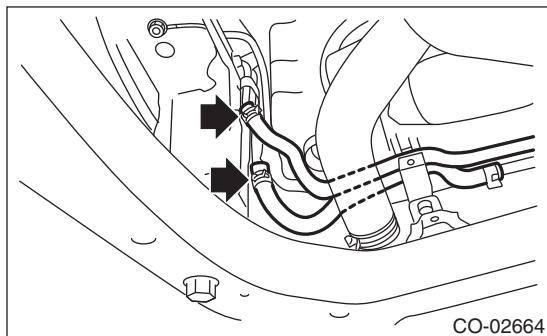
8) Install the reservoir tank. <Ref. to CO(H4SO)-26, INSTALLATION, Reservoir Tank.>

9) Lift up the vehicle.

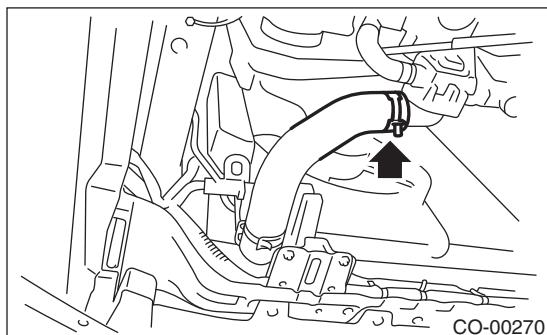
10) Connect the CVTF cooler hoses. (CVT model)

NOTE:

Use a new CVTF hose.



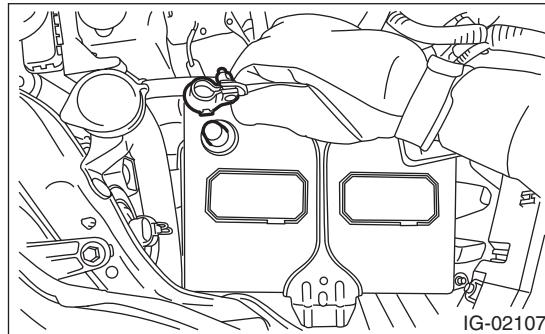
11) Connect the radiator outlet hose.



12) Install the under cover. <Ref. to EI-35, INSTALLATION, Front Under Cover.>

13) Lower the vehicle.

14) Connect the ground cable to battery.



15) Fill engine coolant. <Ref. to CO(H4SO)-14, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

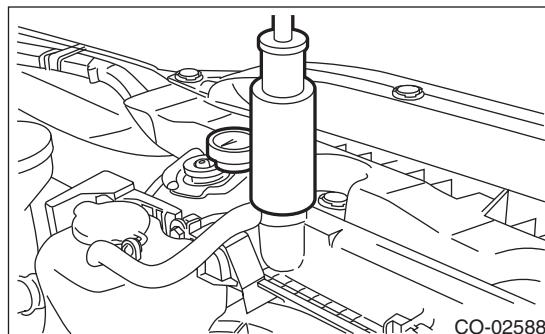
16) Adjust the CVTF level. (CVT model) <Ref. to CVT-35, ADJUSTMENT, CVTF.>

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 radiator cap, fill the radiator with engine coolant, and then install the radiator cap tester to the filler neck of radiator.



4) Apply a pressure of 157 kPa (1.6 kgf/cm², 23 psi) to the radiator, and check the following items.

- 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 spouting out when removing the radiator cap tester.
- Be careful not to deform the filler neck of radiator when installing and removing the radiator cap tester.