

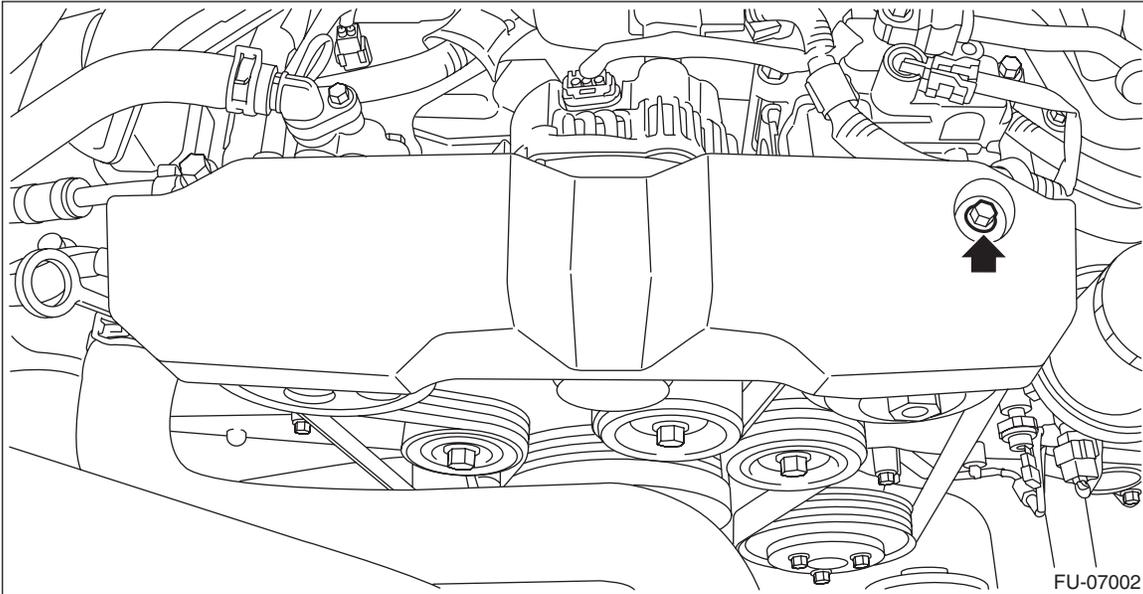
6. Radiator

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) Remove the V-belt covers.

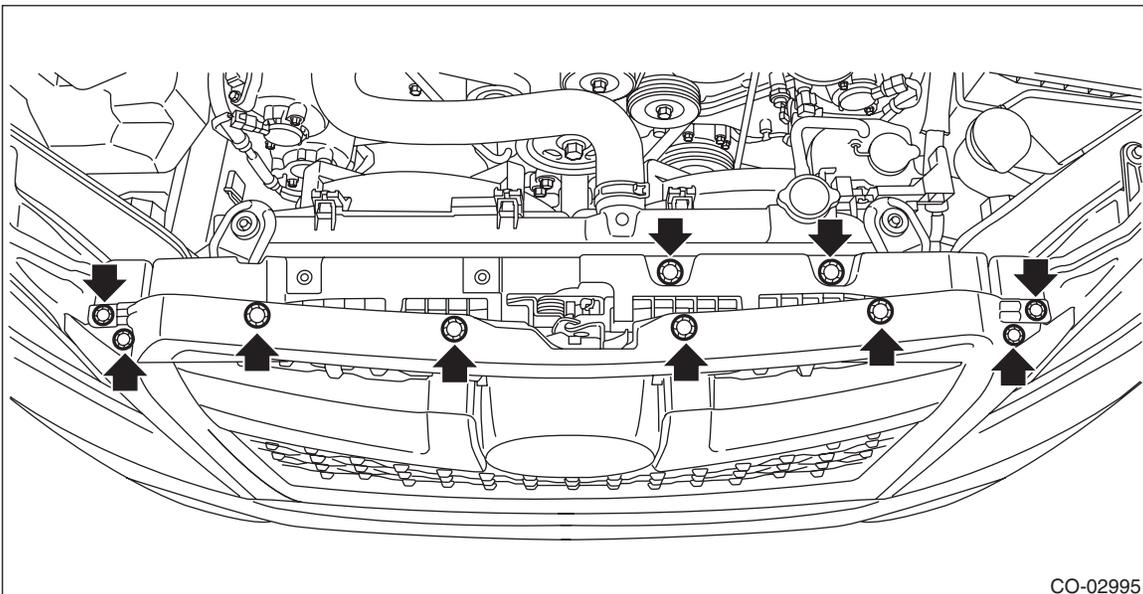


- 2) Remove the air intake duct. <Ref. to IN(H4DO)-14, REMOVAL, Air Intake Duct.>

- 3) Remove the grille bracket.

NOTE:

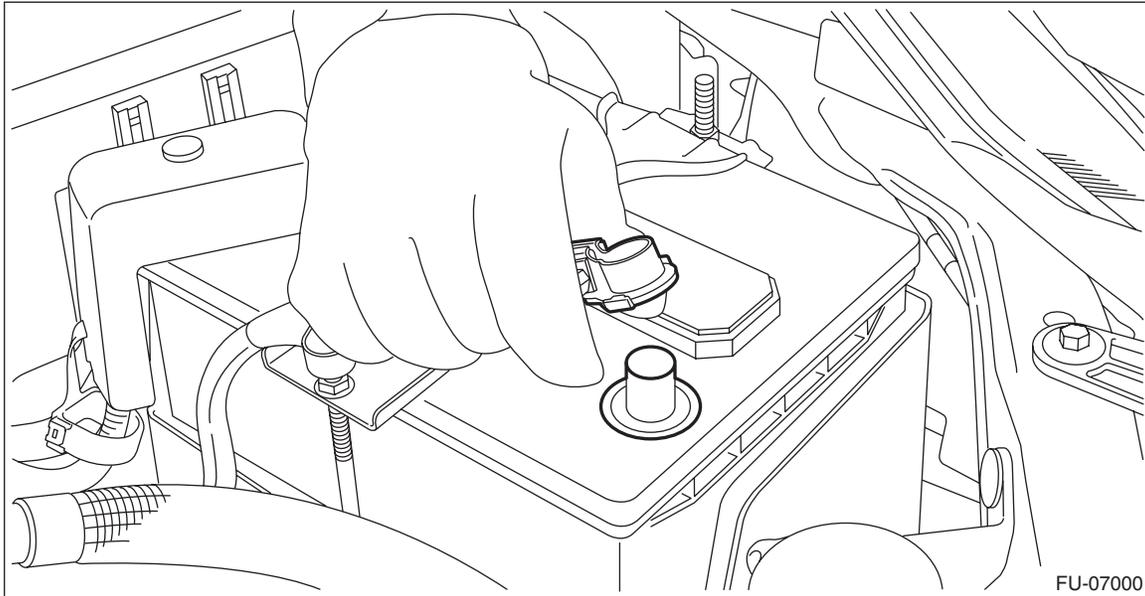
Remove ten clips when removing the grille bracket.



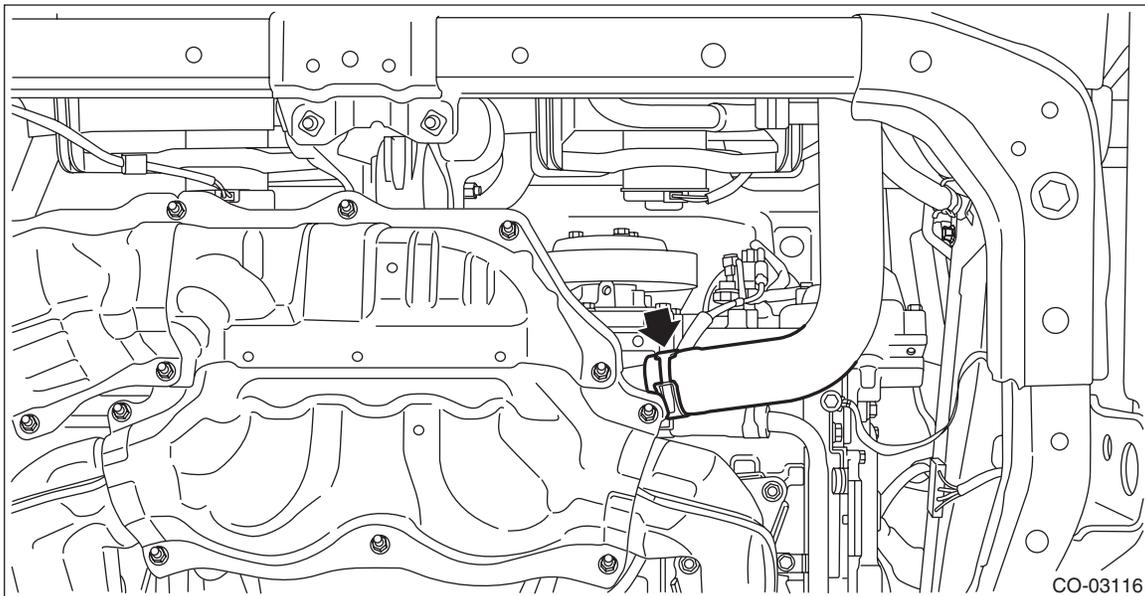
Radiator

COOLING

- 4) Disconnect the ground cable from battery.



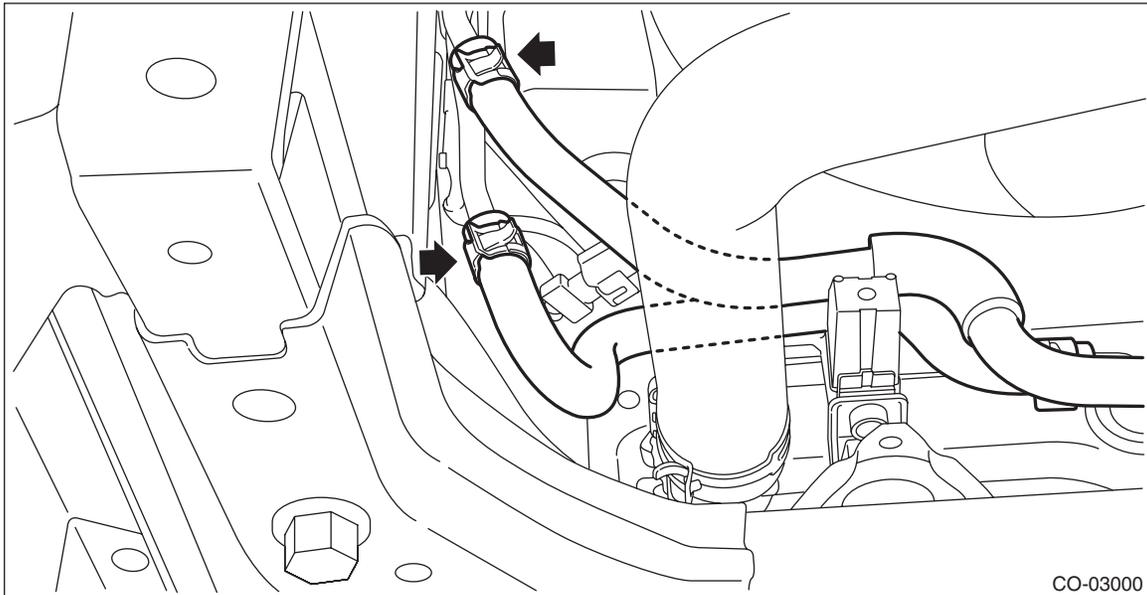
- 5) Lift up the vehicle.
- 6) Remove the under cover. <Ref. to EI-33, REMOVAL, Front Under Cover.>
- 7) Drain engine coolant. <Ref. to CO(H4DO)-14, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 8) Disconnect the radiator outlet hose from thermostat cover.



9) Disconnect the CVTF radiator hose from the CVTF pipe. (CVT model)

NOTE:

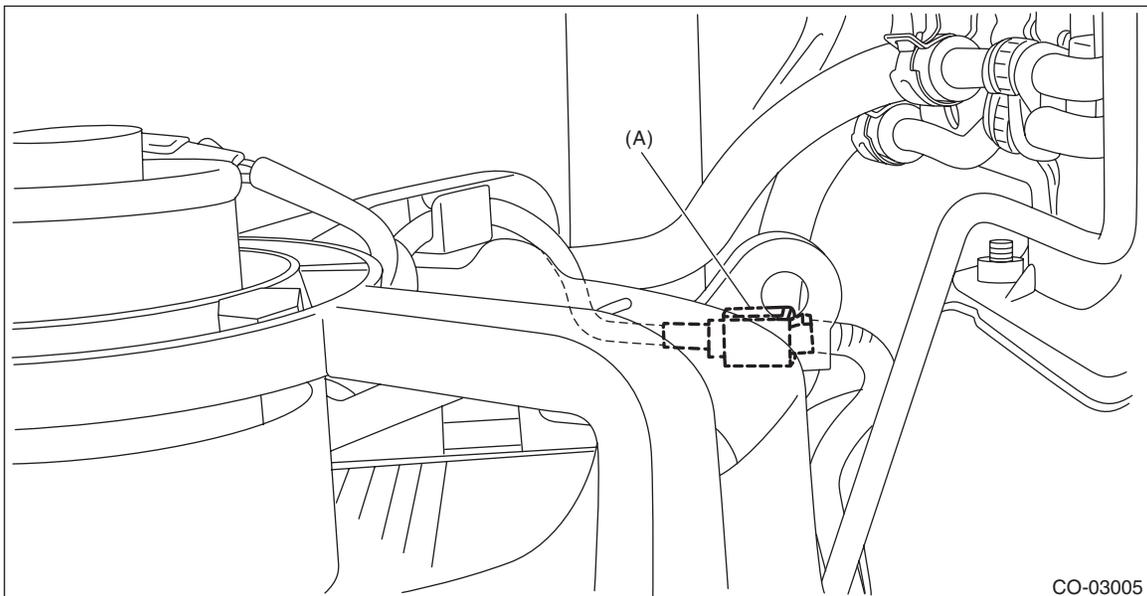
Plug the CVTF pipe to prevent CVTF from leaking.



10) Lower the vehicle.

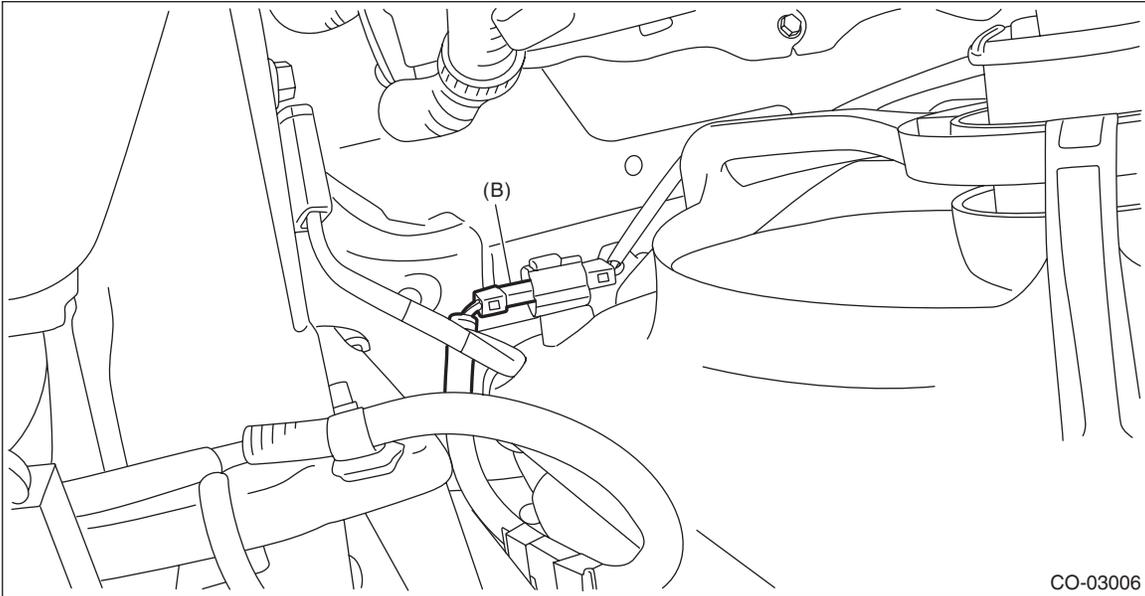
11) Remove the reservoir tank. <Ref. to CO(H4DO)-43, REMOVAL, Reservoir Tank.>

12) Disconnect the connector (A) from the main fan motor assembly and the connector (B) from the sub fan motor assembly.

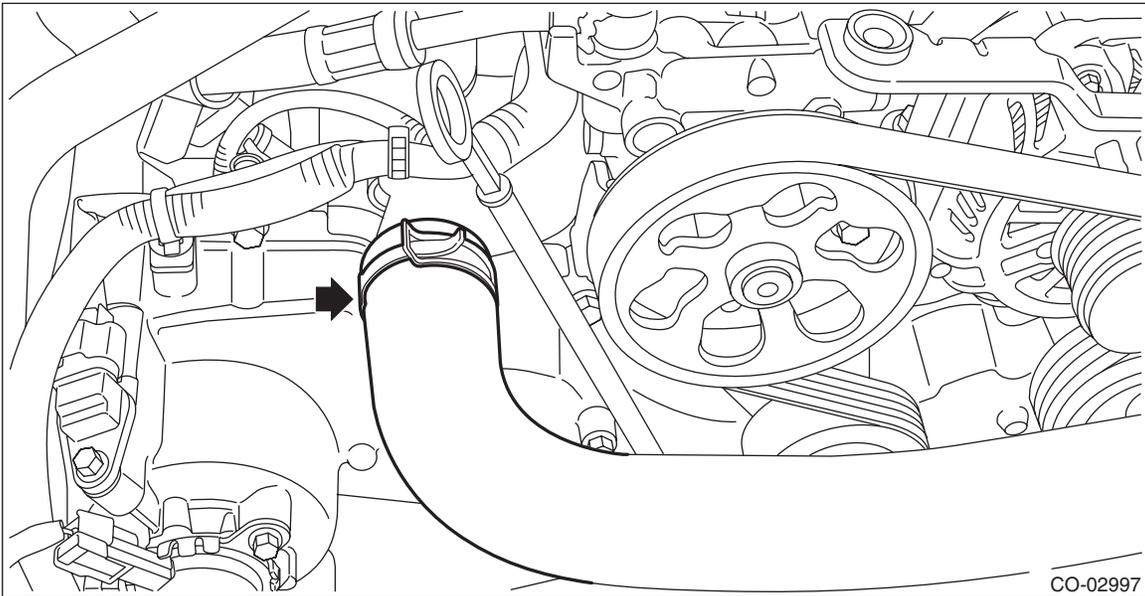


Radiator

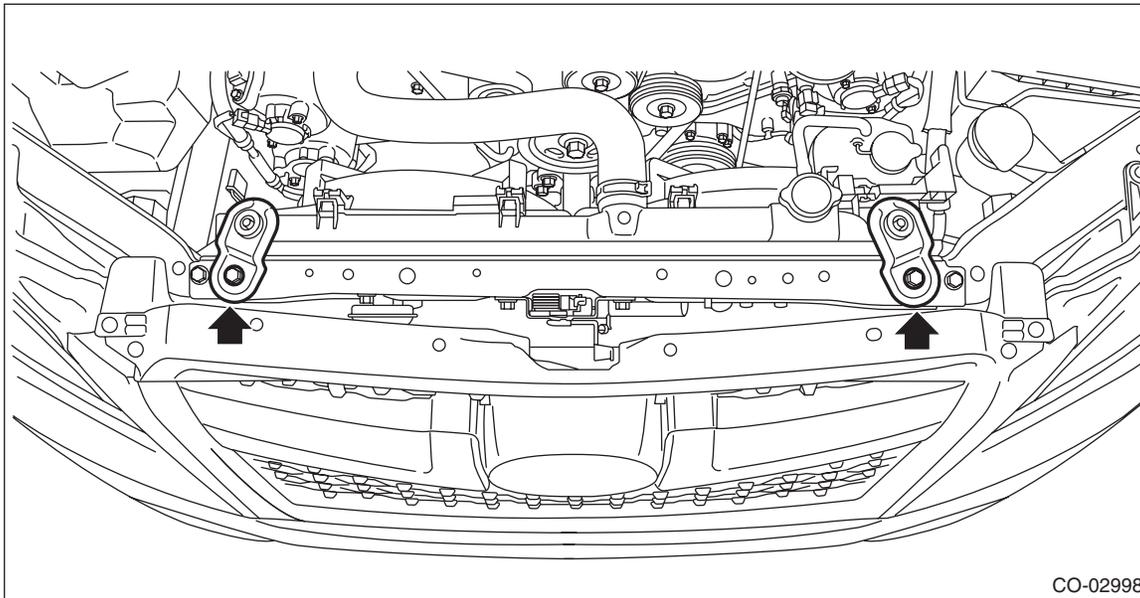
COOLING



13) Disconnect the radiator inlet hose from the water pipe assembly.



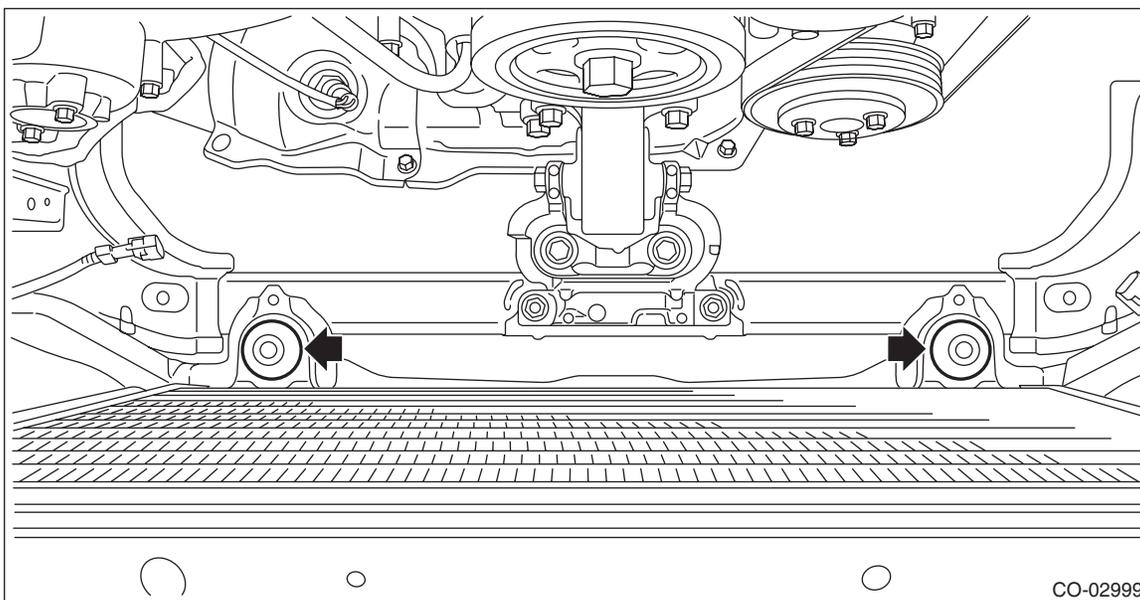
14) Remove the radiator upper brackets.



15) Lift the radiator up and away from vehicle.

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.

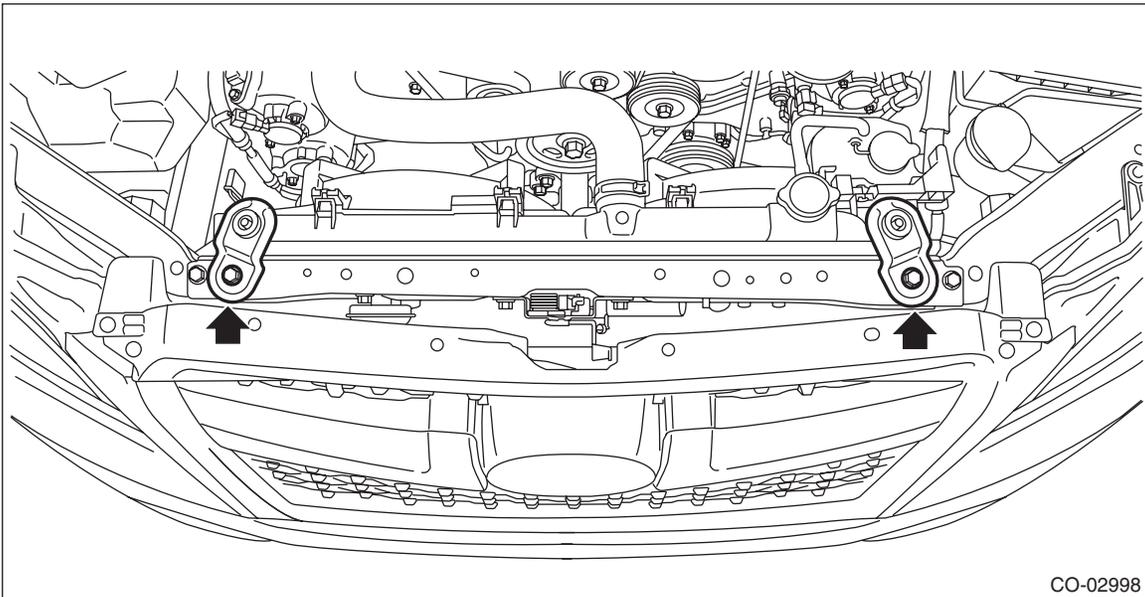
Radiator

COOLING

3) Install the radiator upper brackets.

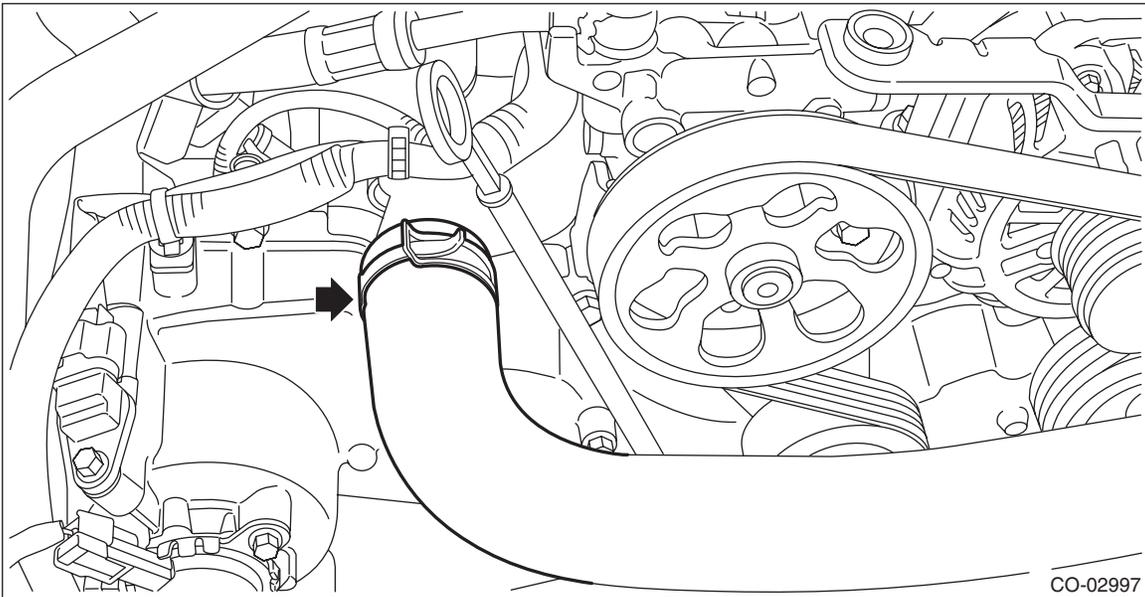
Tightening torque:

12 N·m (1.2 kgf·m, 8.9 ft·lb)



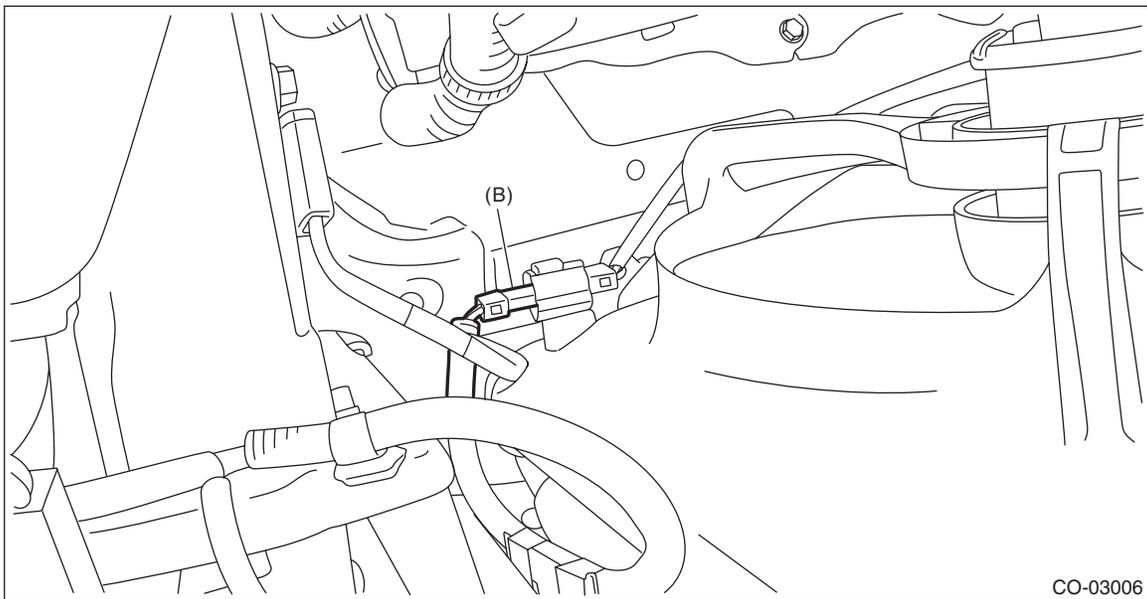
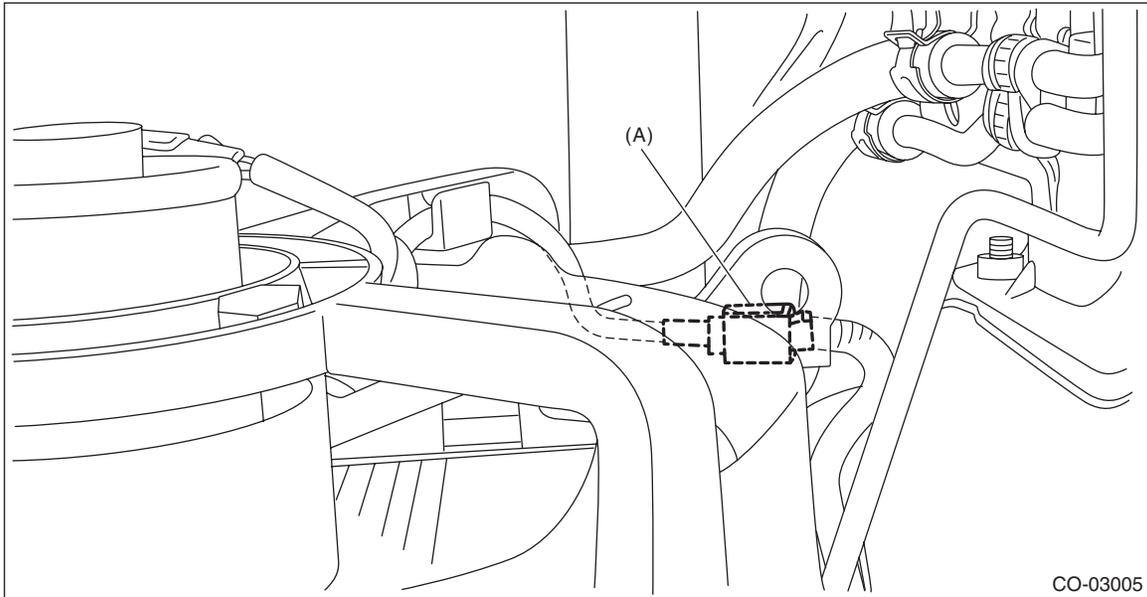
CO-02998

4) Connect the radiator inlet hose to the water pipe assembly.



CO-02997

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



6) Install the reservoir tank. <Ref. to CO(H4DO)-43, INSTALLATION, Reservoir Tank.>

7) Lift up the vehicle.

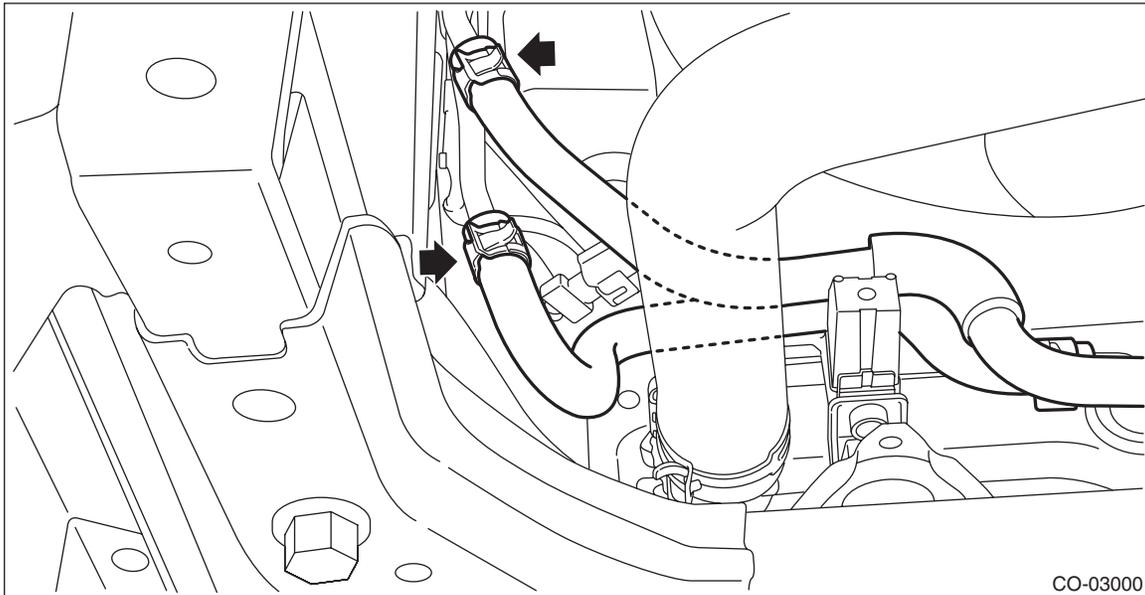
Radiator

COOLING

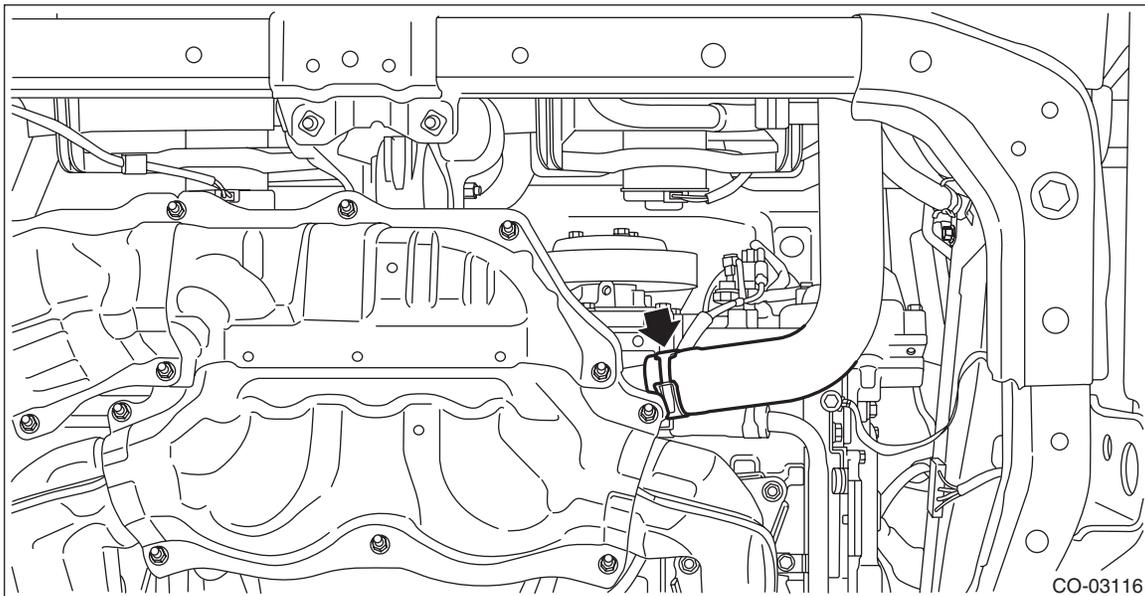
8) Connect the CVTF radiator hose to the CVTF pipe. (CVT model)

NOTE:

Use a new CVTF radiator hose.



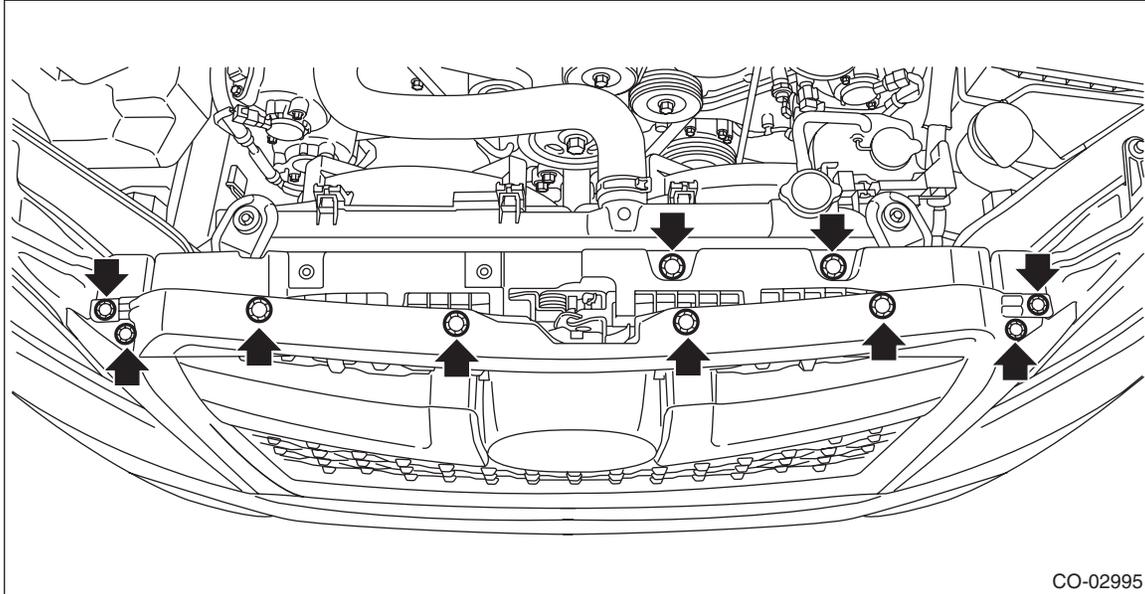
9) Connect the radiator outlet hose.



10) Install the under cover. <Ref. to EI-33, INSTALLATION, Front Under Cover.>

11) Lower the vehicle.

12) Attach the grille bracket.

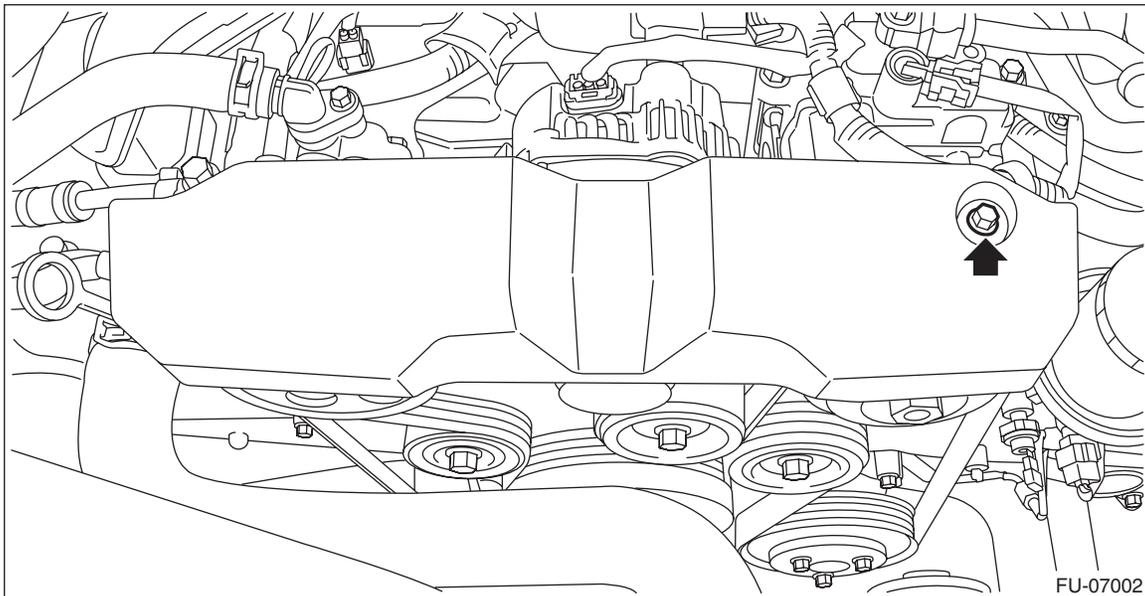


13) Install the air intake duct. <Ref. to IN(H4DO)-14, INSTALLATION, Air Intake Duct.>

14) Install the V-belt cover.

Tightening torque:

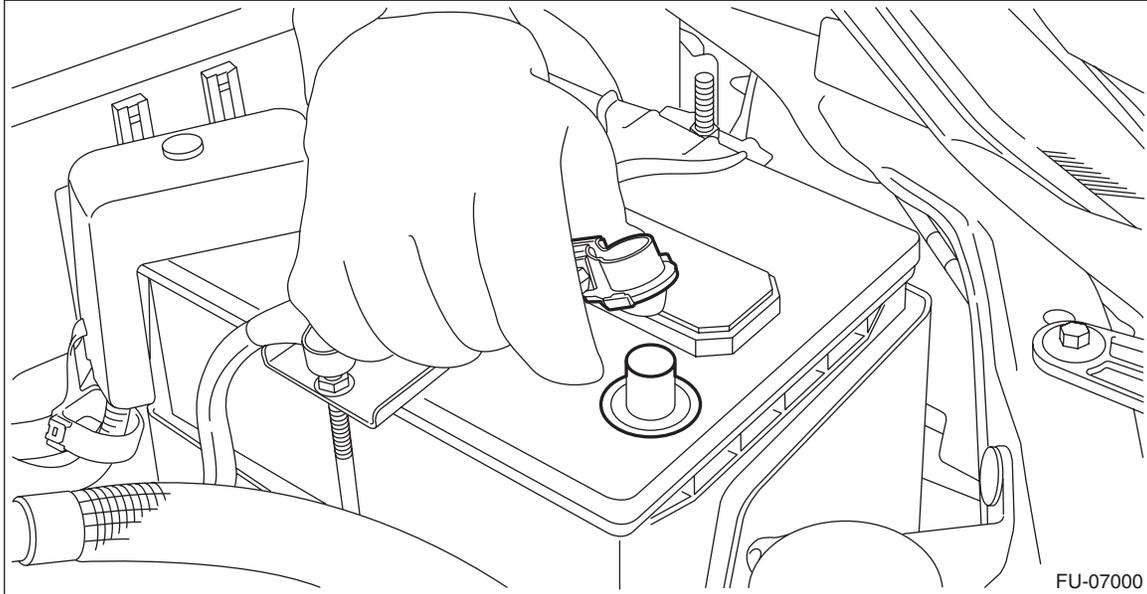
6.4 N·m (0.7 kgf-m, 4.7 ft-lb)



Radiator

COOLING

15) Connect the battery ground terminal.

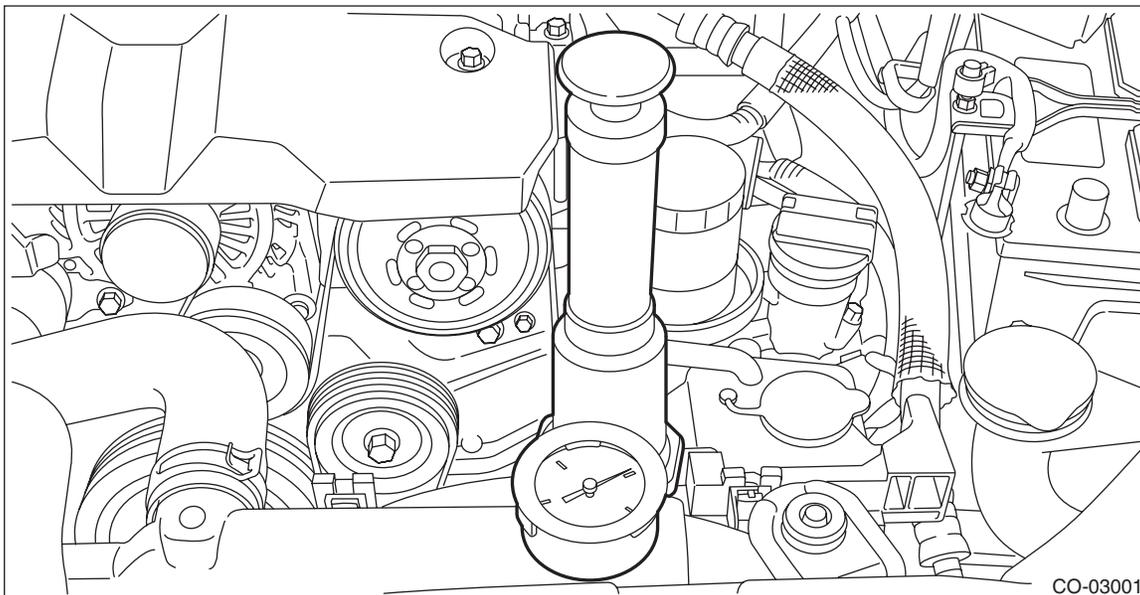


16) Fill engine coolant. <Ref. to CO(H4DO)-15, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

17) Check the CVTF level. (CVT model)<Ref. to CVT-37, REPLACEMENT, 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 not to deform the filler neck of radiator when installing and removing the radiator cap tester.**
- **Be careful of engine coolant from spurting out when removing the radiator cap tester.**