

10. Radiator Sub Fan and Fan Motor

A: REMOVAL

1) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

For the 12 volt engine restart battery of HEV model, disconnect the ground terminal from 12V engine restart battery sensor.

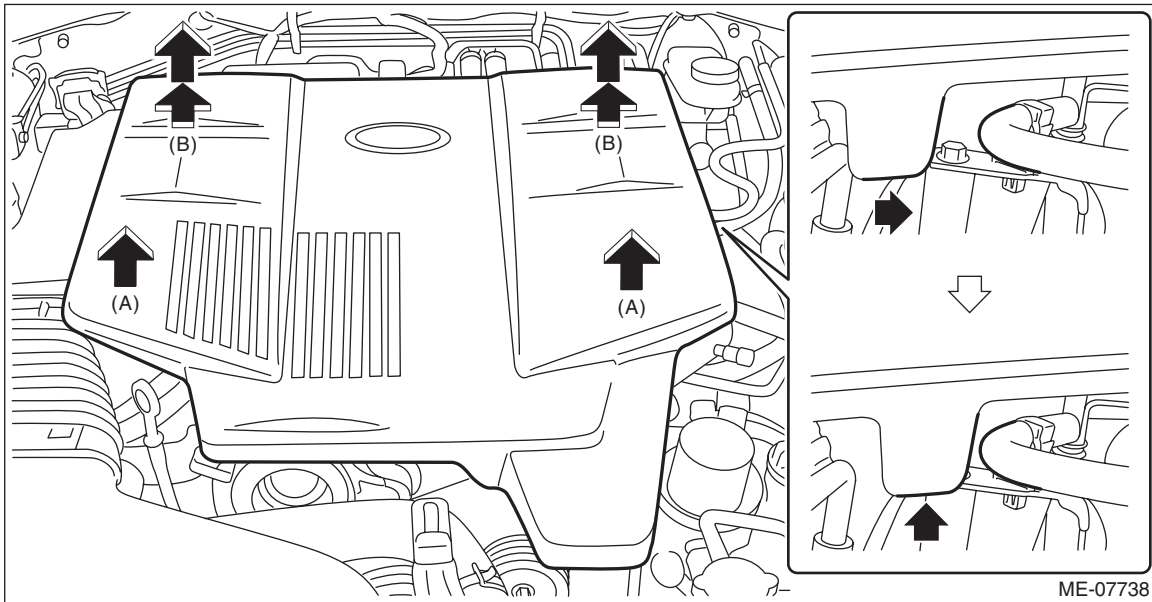
2) Remove the collector cover. (HEV model)

(1) Carefully pull up the front of collector cover at two positions (A).

(2) Carefully pull up the rear of collector cover at two positions (B) while moving it backward.

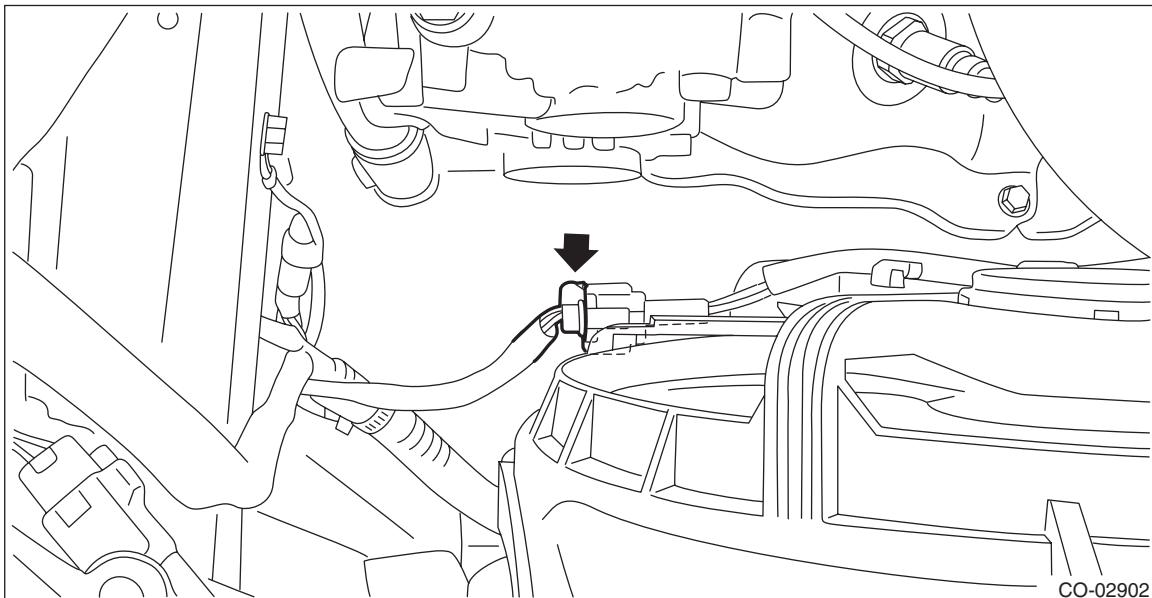
NOTE:

Be careful not to contact the fuel delivery tube when moving the collector cover rearward.



3) Remove the air intake duct. <Ref. to IN(H4DO(w/o HEV))-13, REMOVAL, Air Intake Duct.> <Ref. to IN(H4DO(HEV))-15, REMOVAL, Air Intake Duct.>

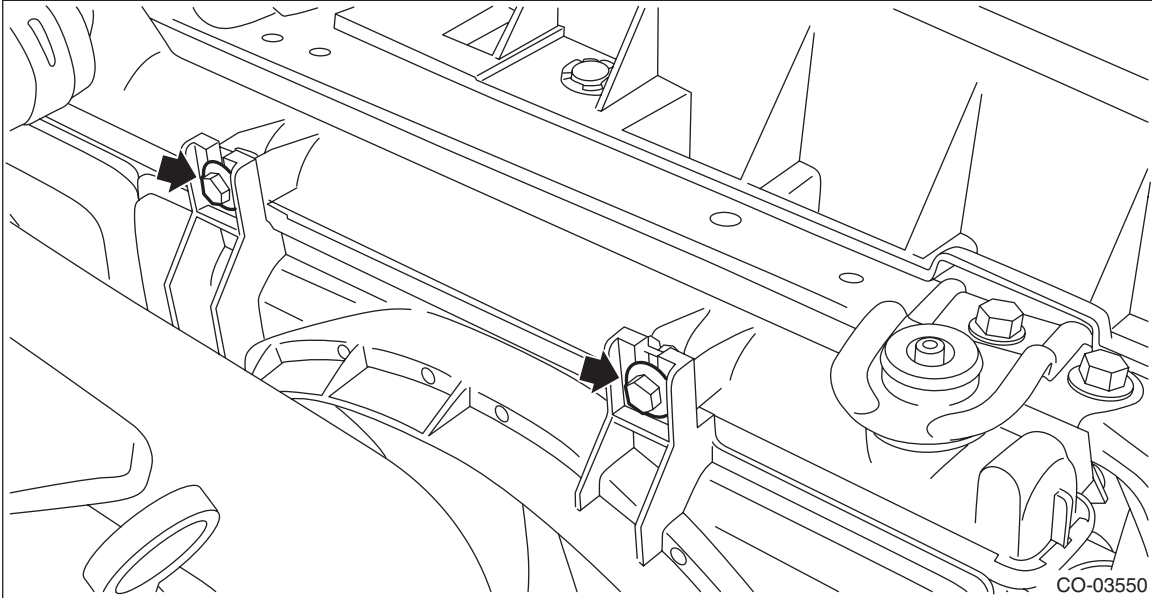
4) Disconnect the connector from the sub fan motor assembly.



Radiator Sub Fan and Fan Motor

COOLING

- 5) Remove the bolts which hold the radiator sub fan shroud onto the radiator.



- 6) Remove the radiator sub fan and fan motor from vehicle.

B: INSTALLATION

CAUTION:

Confirm that the radiator hose is securely connected.

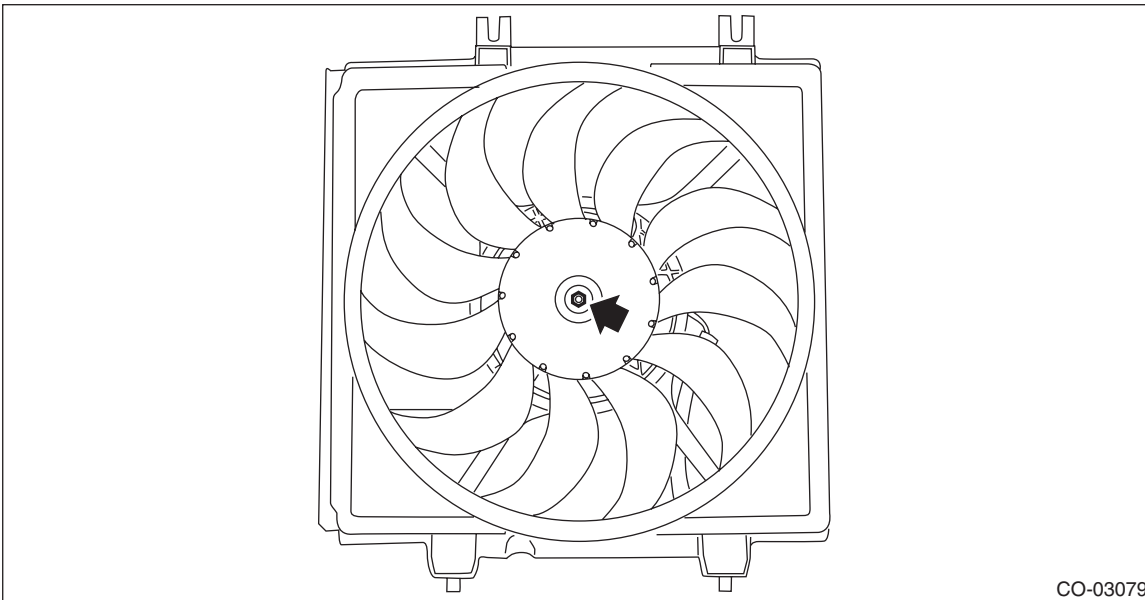
Install in the reverse order of removal.

Tightening torque:

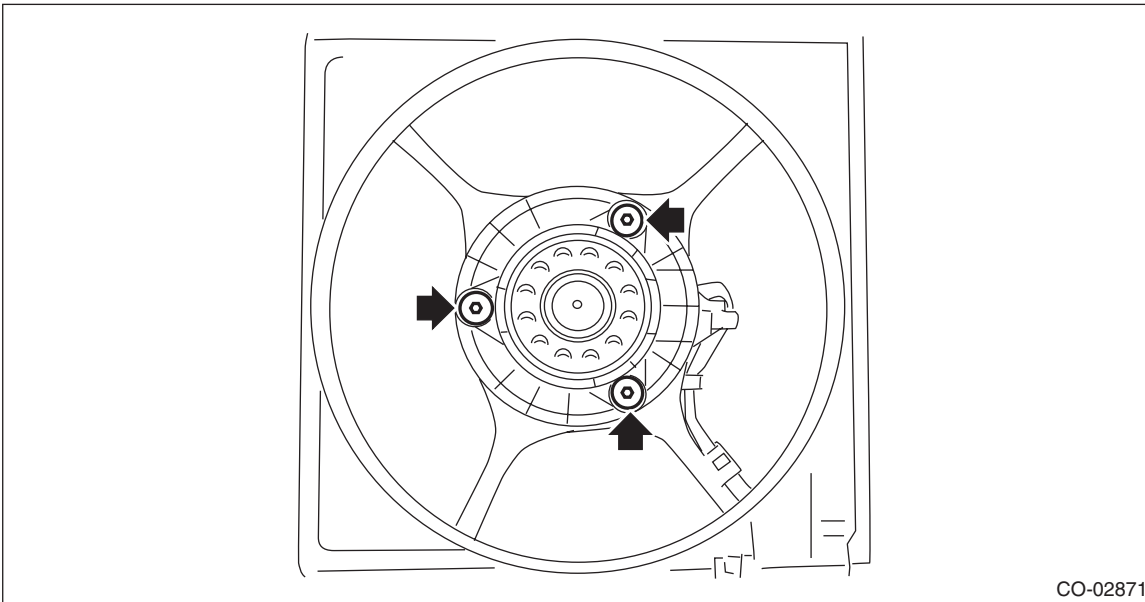
7.5 N·m (0.8 kgf-m, 5.5 ft-lb)

C: DISASSEMBLY

- 1) Remove the clip which holds the sub fan motor connector onto the radiator sub fan shroud.
- 2) Disconnect the radiator sub fan from the sub fan motor.



- 3) Disconnect the sub fan motor from the radiator sub fan shroud.



Radiator Sub Fan and Fan Motor

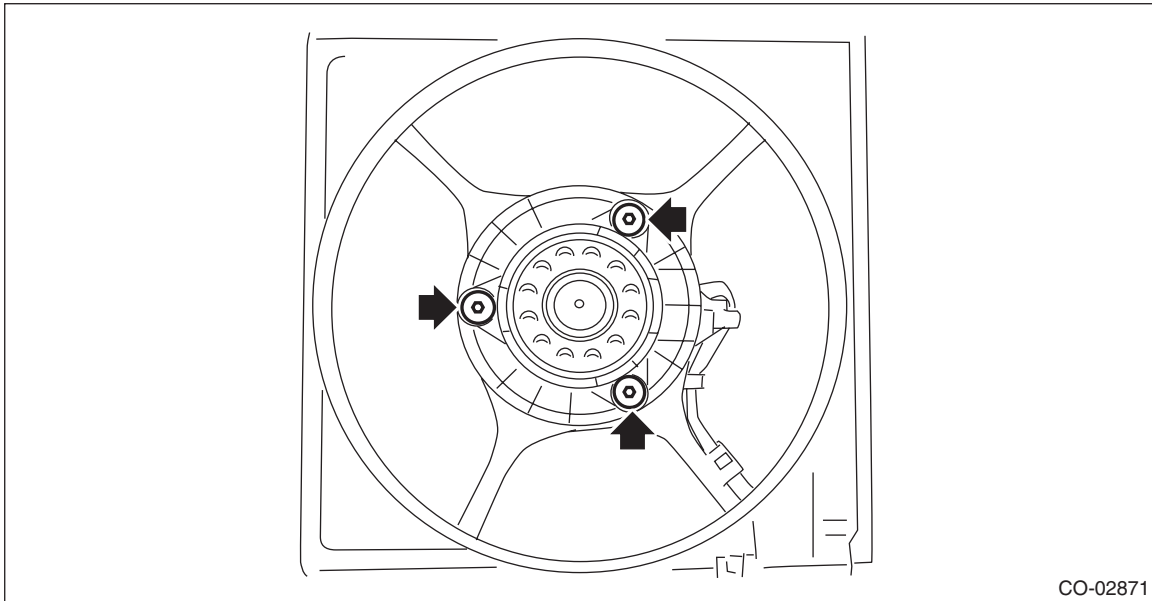
COOLING

D: ASSEMBLY

Assemble in the reverse order of disassembly.

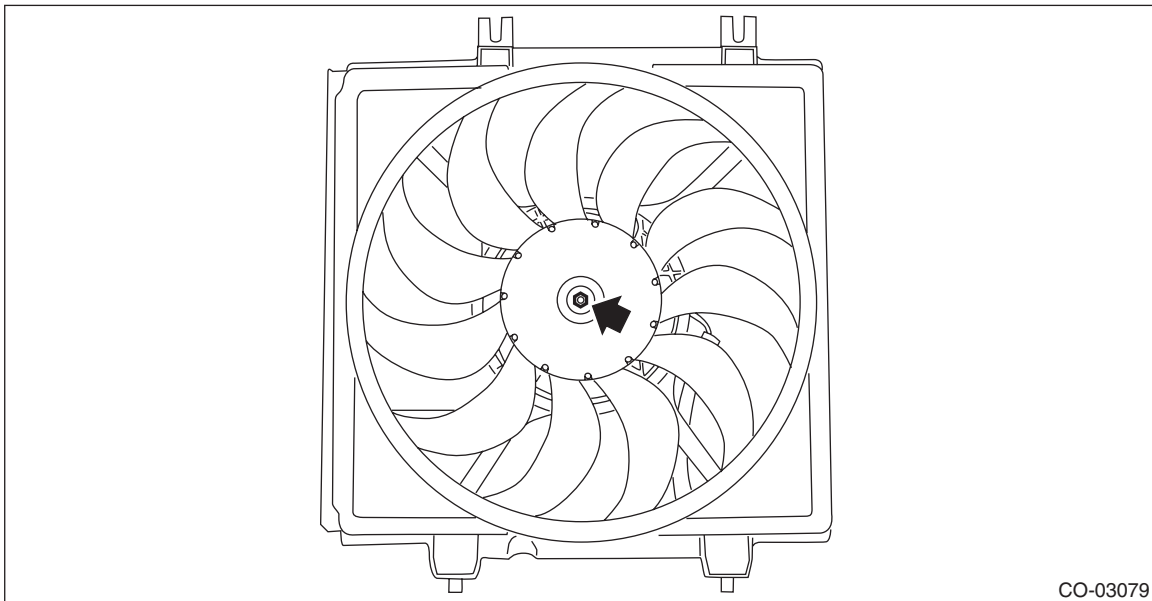
Tightening torque:

4.41 N·m (0.45 kgf-m, 3.25 ft-lb)



Tightening torque:

3.4 N·m (0.3 kgf-m, 2.5 ft-lb)



E: INSPECTION

Check that the radiator sub fan, radiator sub fan shroud and sub fan motor assembly do not have deformation, cracks or damage.