

9. Radiator Main 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.

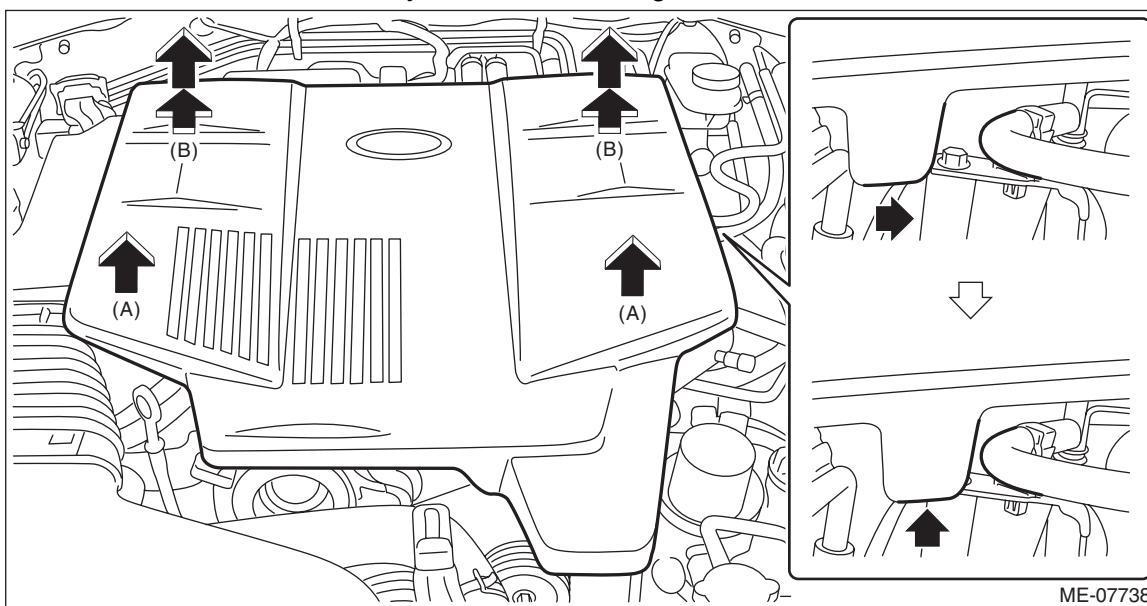
2) Remove the collector cover. (HEV model)

(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.

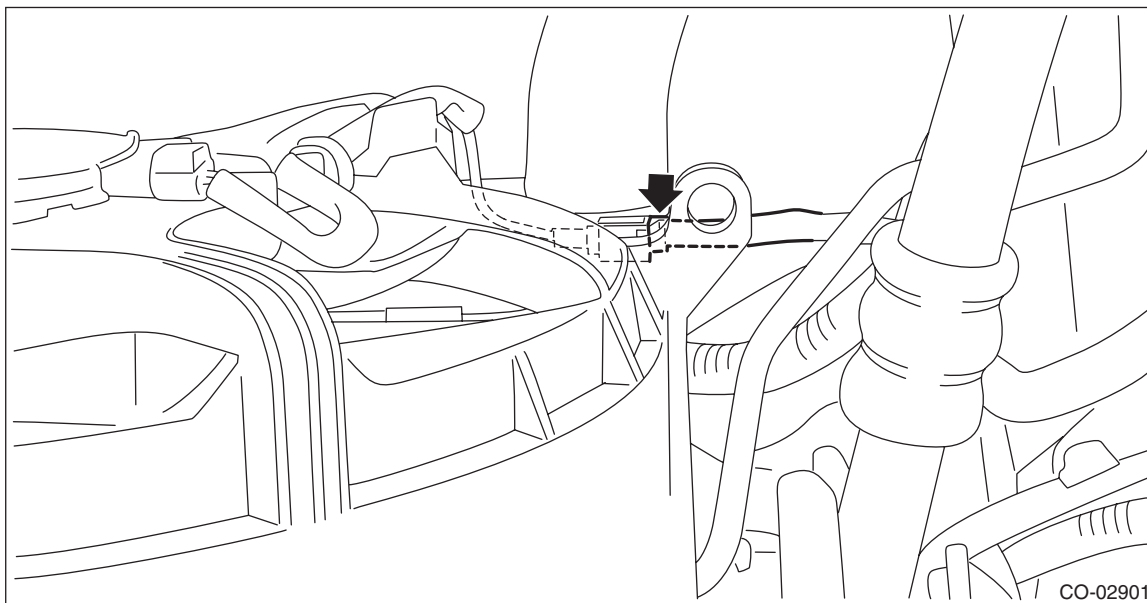
NOTE:

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



3) Remove the reservoir tank. <Ref. to CO(H4DO(w/o HEV))-97, REMOVAL, Reservoir Tank.>

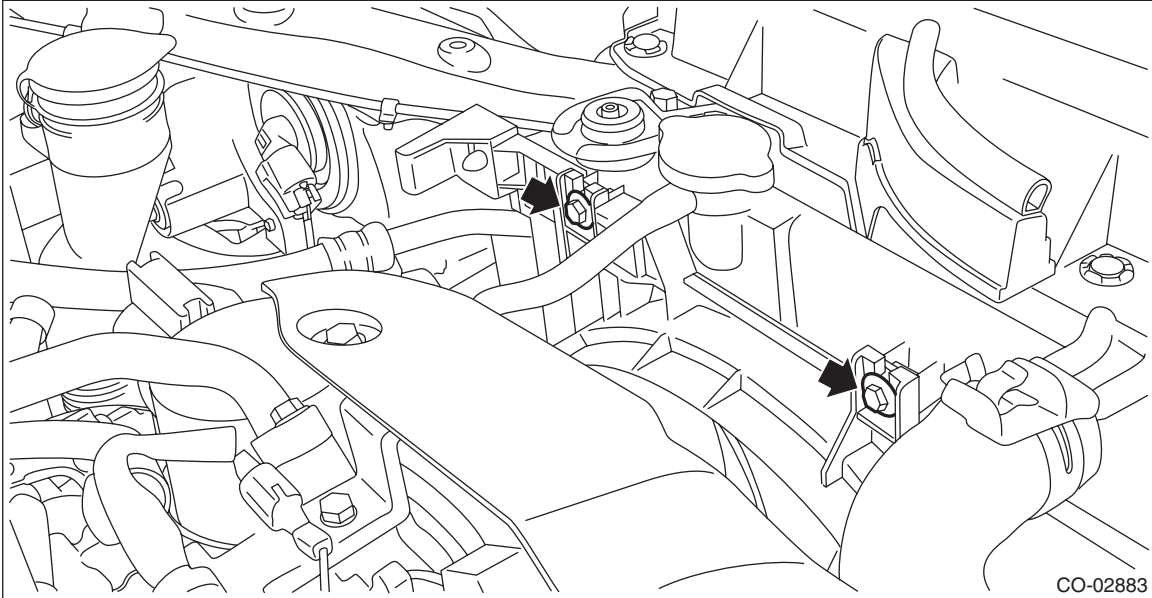
4) Disconnect the connector from the main fan motor assembly.



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



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

B: INSTALLATION

Install in the reverse order of removal.

CAUTION:

Confirm that the radiator hose is securely connected.

NOTE:

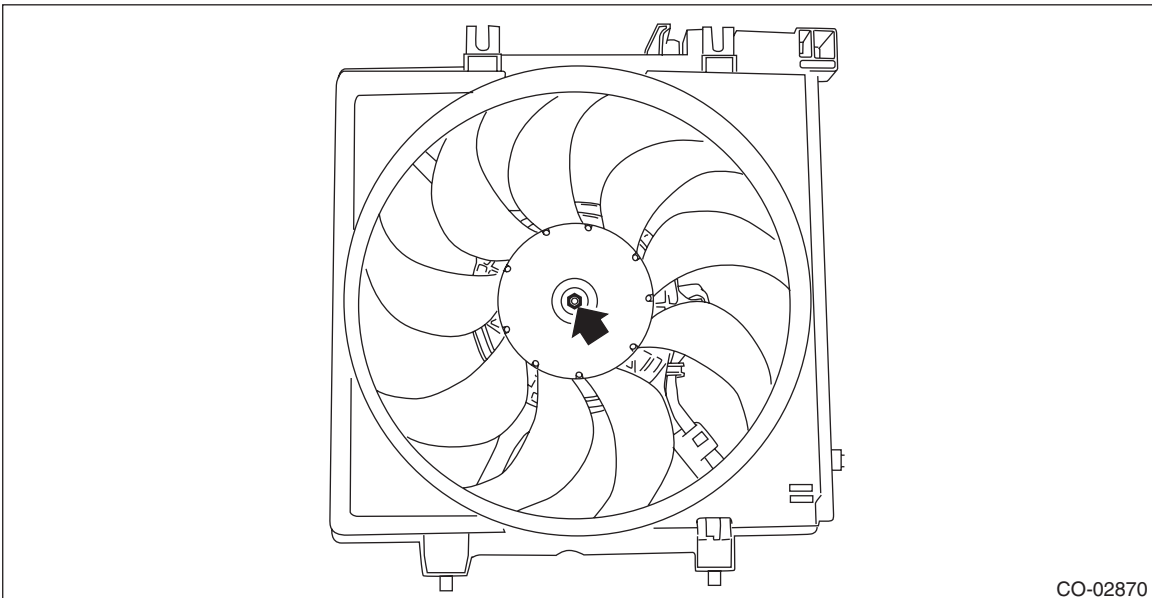
If the installation of the radiator main fan and fan motor is difficult, attempt installation after loosening the bolts which hold the radiator sub fan shroud to the radiator.

Tightening torque:

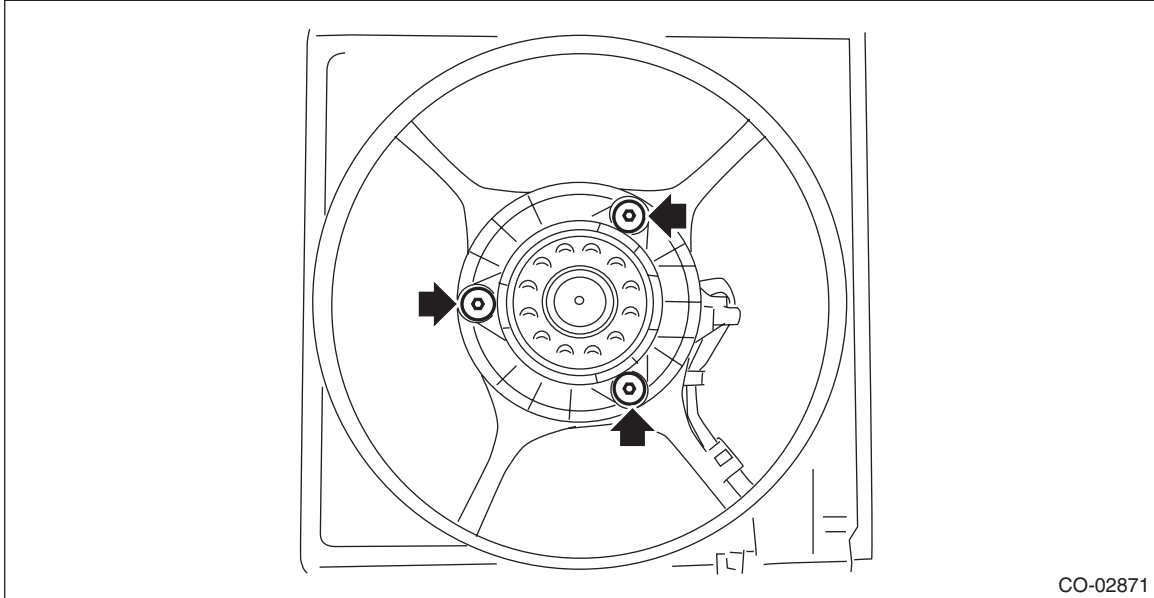
7.5 N·m (0.8 kgf-m, 5.5 ft-lb)

C: DISASSEMBLY

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



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



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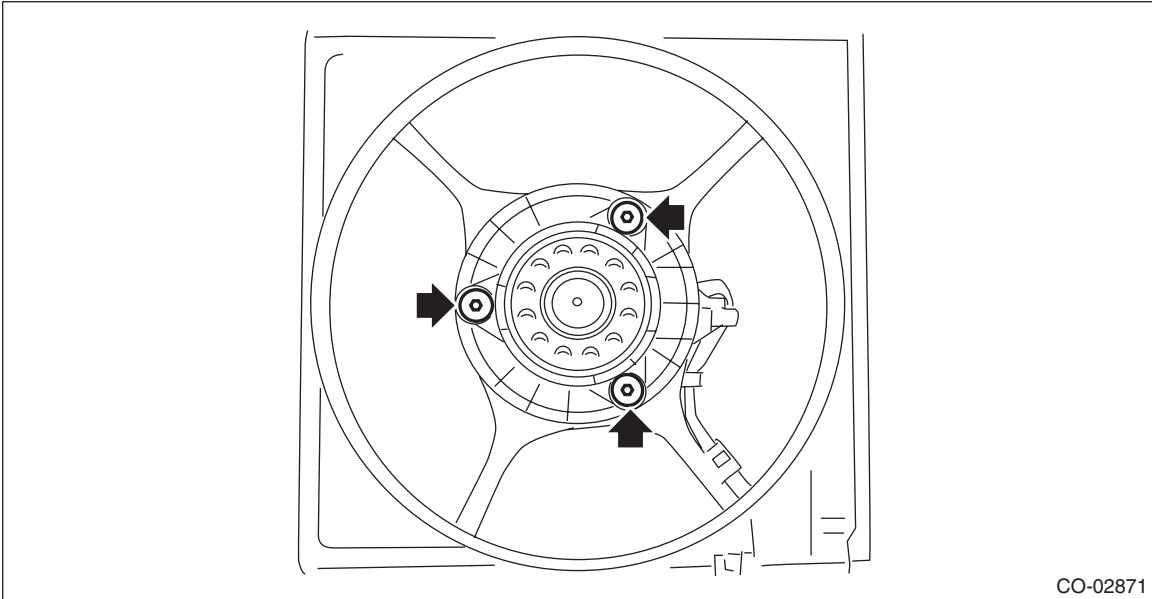
COOLING

D: ASSEMBLY

Assemble in the reverse order of disassembly.

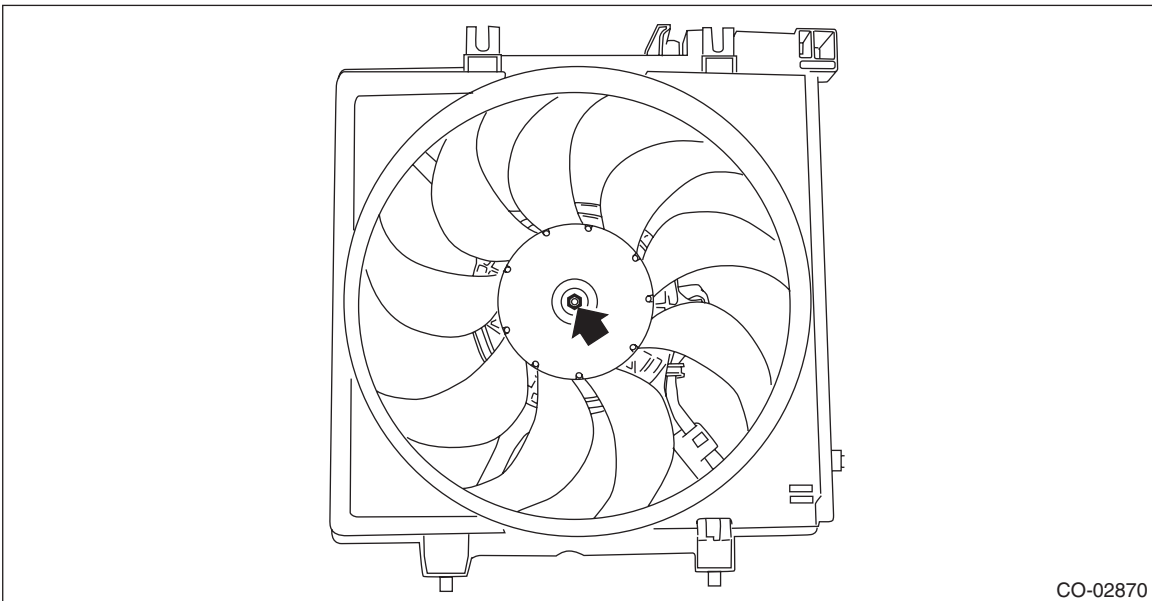
Tightening torque:

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 main fan, radiator main fan shroud and main fan motor assembly do not have deformation, cracks or damage.