

8. Radiator Main Fan and Fan Motor

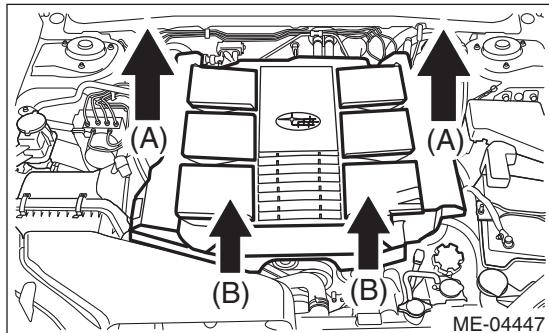
A: REMOVAL

1) Remove the collector cover.

NOTE:

Follow the steps below when removing the collector cover.

- (1) Lift up (A) in two positions at the rear.
- (2) Moving (B) in two positions at the front toward the vehicle, lift them up.



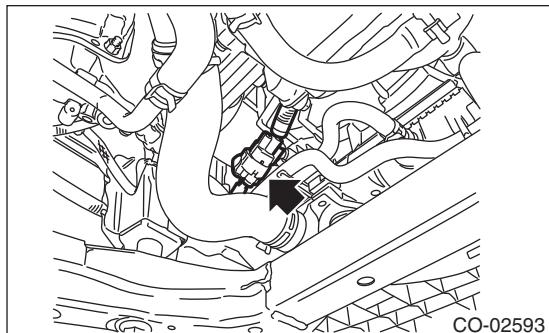
2) Disconnect the ground cable from battery.

3) Lift up the vehicle.

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

5) Drain engine coolant completely. <Ref. to CO(H6DO)-12, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

6) Disconnect the integrated connector of radiator main fan & fan motor and radiator sub fan & fan motor.



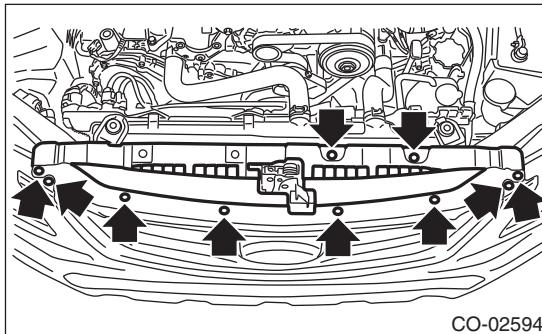
7) Lower the vehicle.

8) Remove the air intake duct. <Ref. to IN(H6DO)-8, REMOVAL, Air Intake Duct.>

9) Remove the grille bracket.

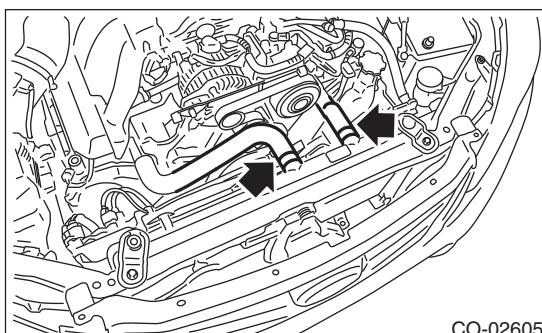
NOTE:

Remove ten clips when removing the grille bracket.



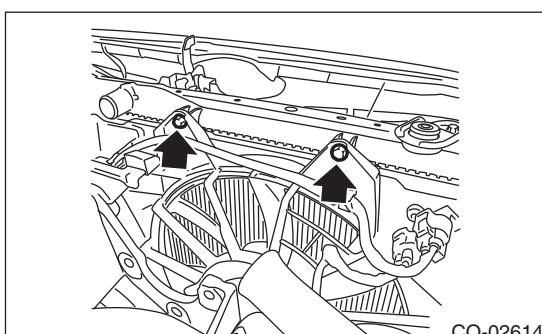
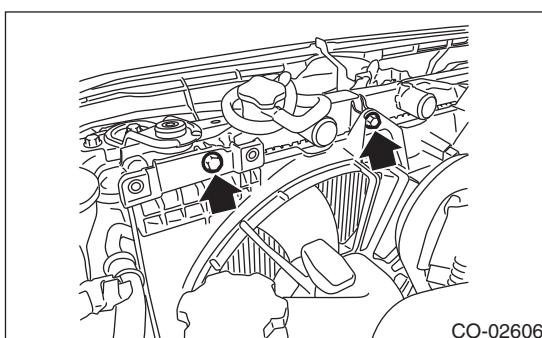
10) Remove the reservoir tank. <Ref. to CO(H6DO)-25, REMOVAL, Reservoir Tank.>

11) Remove radiator upper hoses LH and RH only on radiator side.



12) Remove the ATF hose from the clip of radiator fan shroud.

13) Remove bolts on the upper side of radiator fan shroud.



14) Remove the radiator fan shroud.

Radiator Main Fan and Fan Motor

COOLING

NOTE:

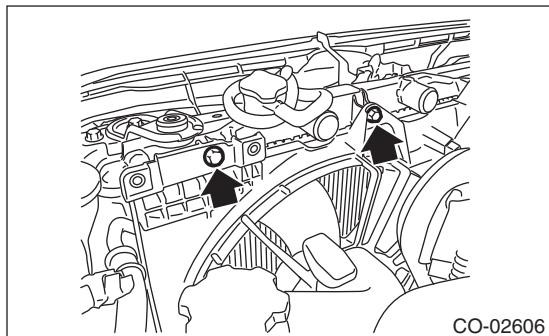
When pulling up the radiator fan shroud, be careful not to damage the radiator hose or AFT hose.

B: INSTALLATION

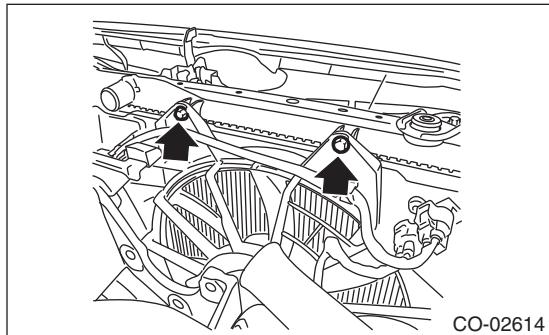
- 1) Tighten the bolts on the upper side of radiator fan shroud.

Tightening torque:

7.5 N·m (0.8 kgf·m, 5.5 ft-lb)

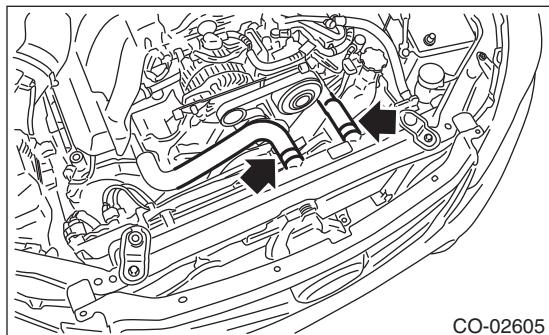


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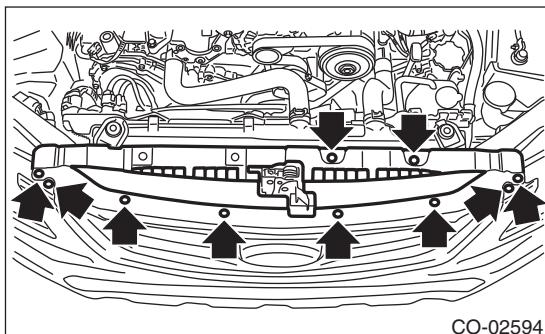
- 2) Install radiator upper hoses LH and RH to the radiator.



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- 3) Install the reservoir tank. <Ref. to CO(H6DO)-25, INSTALLATION, Reservoir Tank.>

- 4) Attach the grille bracket.

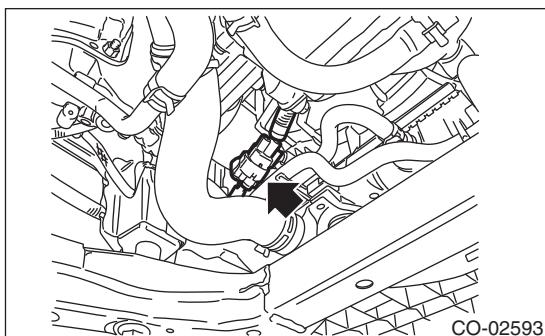


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- 5) Install the air intake duct. <Ref. to IN(H6DO)-8, INSTALLATION, Air Intake Duct.>

- 6) Lift up the vehicle.

- 7) Connect the integrated connector of radiator main fan & fan motor and radiator sub fan & fan motor.



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

- 9) Lower the vehicle.

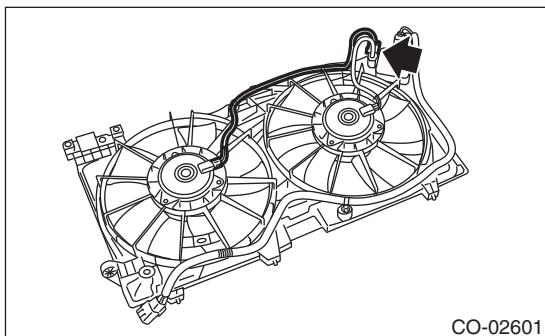
- 10) Fill engine coolant. <Ref. to CO(H6DO)-12, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

- 11) Connect the ground cable to battery.

- 12) Install the collector cover.

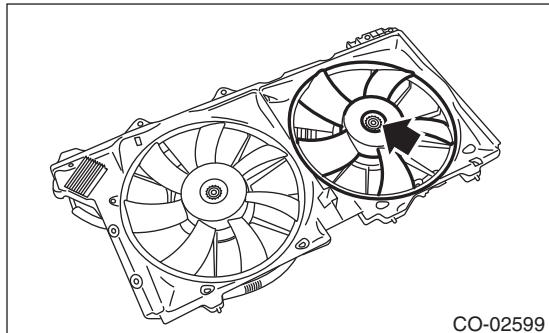
C: DISASSEMBLY

- 1) Disconnect the connector from the radiator fan control unit, and remove the harness.



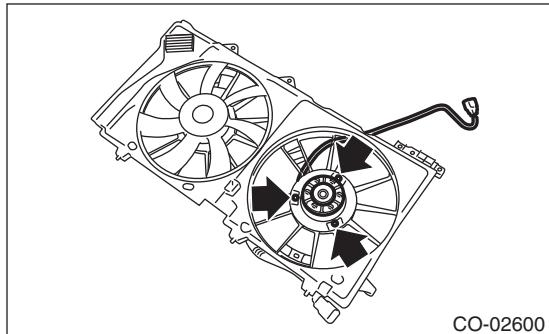
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2) Remove the radiator main fan.



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3) Remove the radiator main fan motor.



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E: INSPECTION

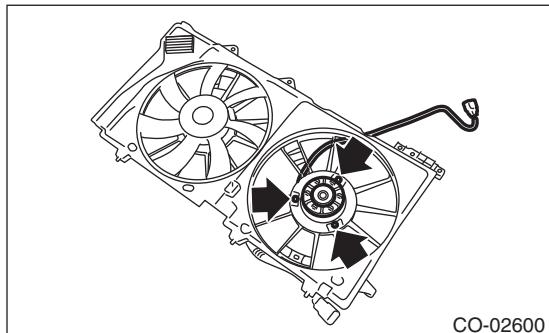
Check that the radiator main fan, radiator main fan shroud and main fan motor do not have deformation, cracks or damage.

D: ASSEMBLY

Assemble in the reverse order of disassembly.

Tightening torque:

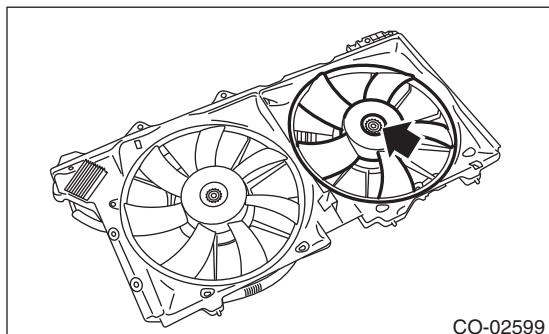
3.8 N·m (0.4 kgf-m, 2.8 ft-lb)



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Tightening torque:

6.3 N·m (0.6 kgf-m, 4.6 ft-lb)



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