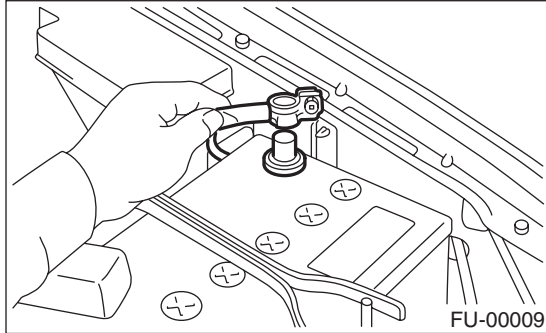


8. Radiator Main Fan and Fan Motor

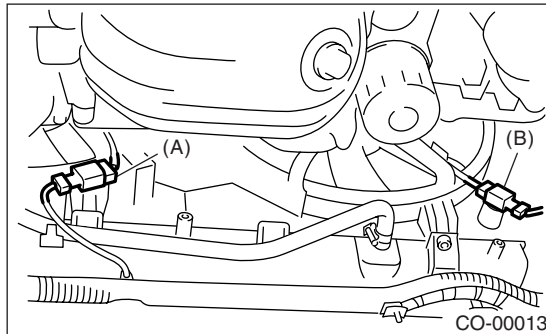
A: REMOVAL

1. NON-TURBO MODEL

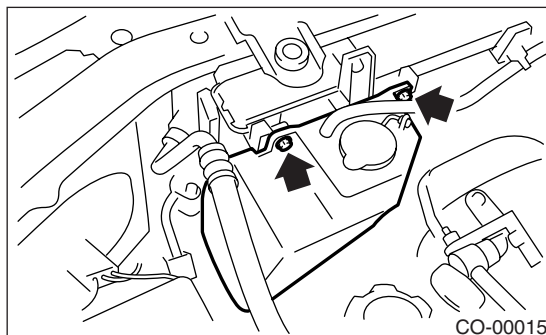
- 1) Set the vehicle on a lift.
- 2) Disconnect the ground cable from battery.



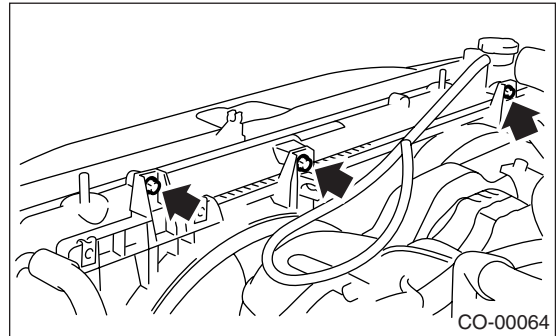
- 3) Lift-up the vehicle.
- 4) Remove the under cover.
- 5) Drain approx. 1 ℓ (1.0 US qt, 0.91 Imp qt) of engine coolant. <Ref. to CO(H4SO)-17, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 6) Disconnect the connector of main fan motor (A) and sub fan motor (B).



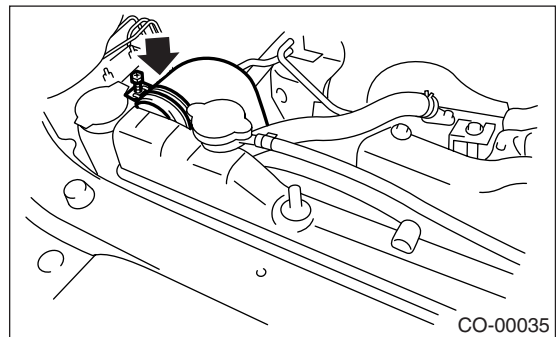
- 7) Remove the ATF hose from clip of radiator fan motor assembly (AT model).
- 8) Lower the vehicle.
- 9) Remove the V-belt cover.
- 10) Disconnect the overflow hose.
- 11) Remove the reservoir tank. <Ref. to CO(H4SO)-40, REMOVAL, Reservoir Tank.>



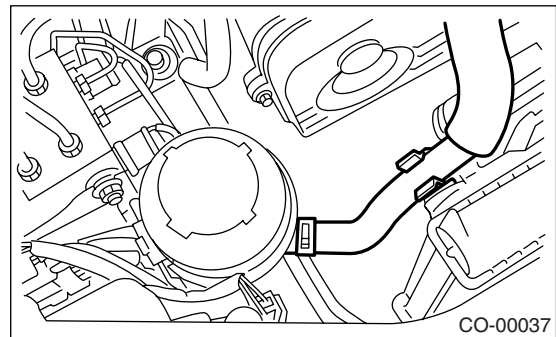
- 12) Remove the radiator main fan motor assembly mounting bolts.



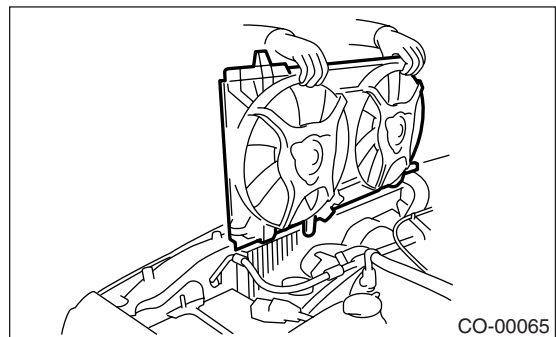
- 13) Disconnect the radiator inlet hose from radiator.



- 14) Disconnect the power steering hose from clip on radiator.



- 15) Rise up the radiator main fan motor assembly to remove it from vehicle.

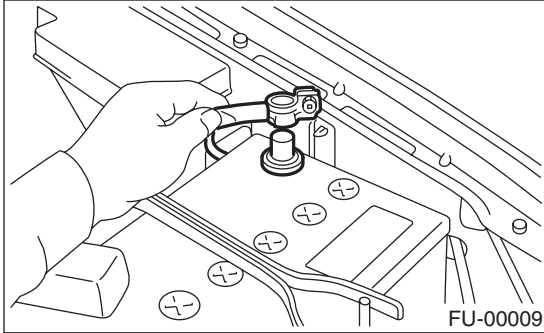


RADIATOR MAIN FAN AND FAN MOTOR

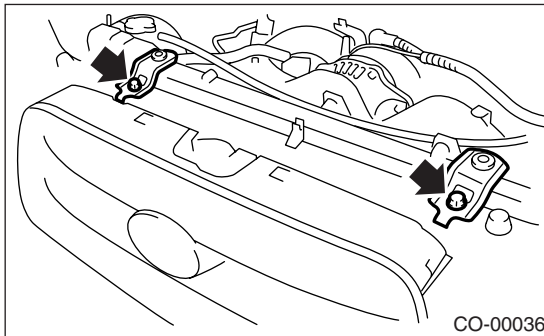
COOLING

2. TURBO MODEL

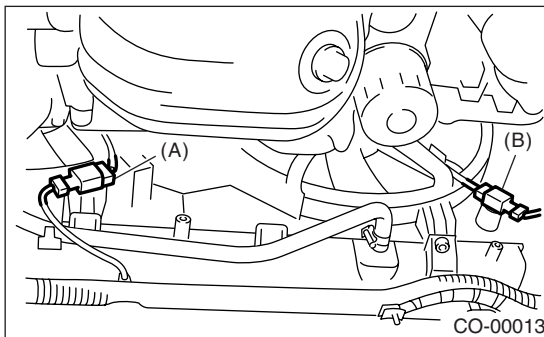
- 1) Set the vehicle on a lift.
- 2) Disconnect the ground cable from battery.



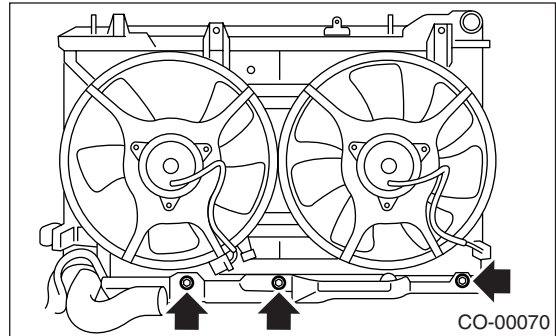
- 3) Remove the radiator upper bracket. (AT model)



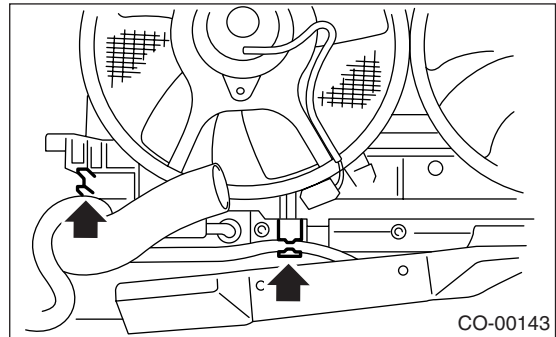
- 4) Lift-up the vehicle.
- 5) Remove the under cover.
- 6) Drain the engine coolant approx. 1 ℓ (1.06 US qt, 0.88 Imp qt). <Ref. to CO(H4SO)-17, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 7) Disconnect the radiator main fan motor connector (A) and sub fan motor connector (B).



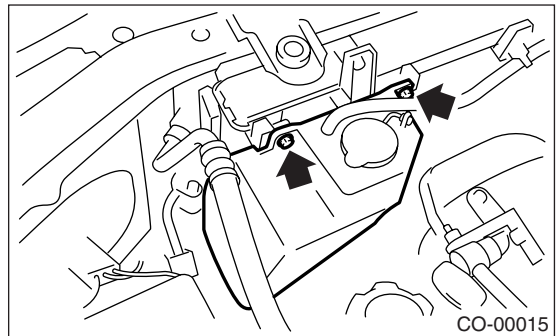
- 8) Remove the radiator under cover securing bolt. (AT model)



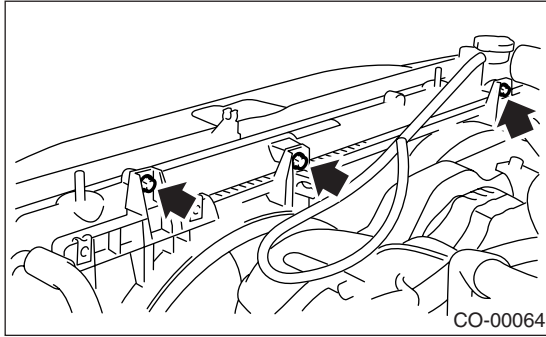
- 9) Pull the radiator lower hose upward to space radiator from radiator under cover. Remove the ATF hose from two clips on the radiator main fan motor assembly. (AT model)



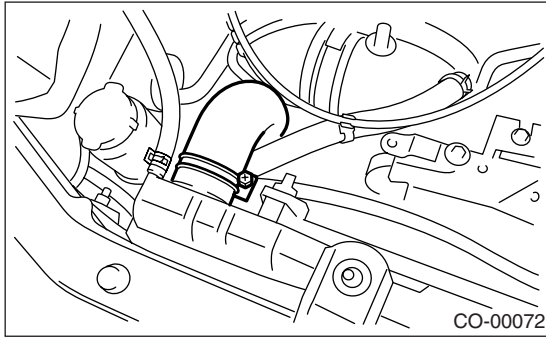
- 10) Lower the vehicle.
- 11) Remove the V-belt cover.
- 12) Disconnect the overflow hose.
- 13) Remove the reservoir tank. <Ref. to CO(H4SO)-40, REMOVAL, Reservoir Tank.>



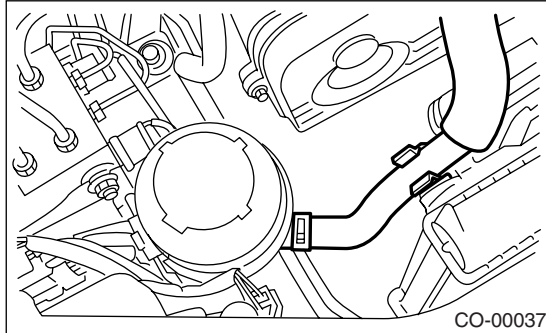
14) Remove the radiator main fan motor assembly securing bolt.



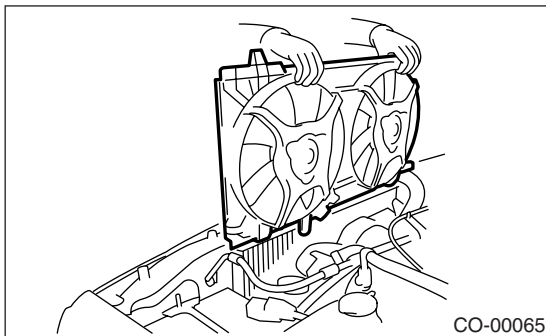
15) Disconnect the radiator inlet hose.



16) Disconnect the power steering hose from radiator clip.



17) Remove the radiator fan motor assembly from vehicle.

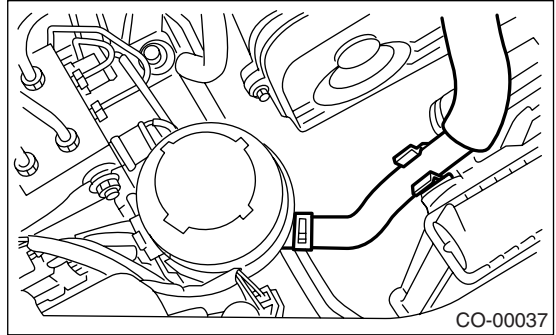


B: INSTALLATION

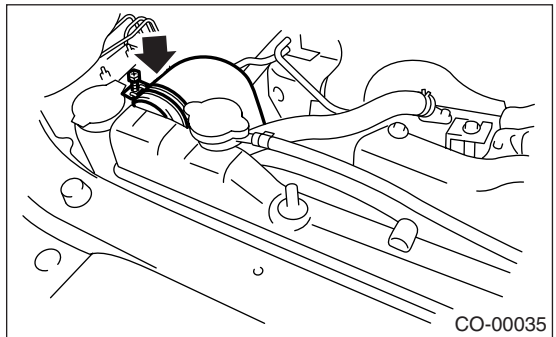
1. NON-TURBO MODEL

1) install the radiator fan motor assembly to radiator.

2) Connect the power steering hose to radiator.



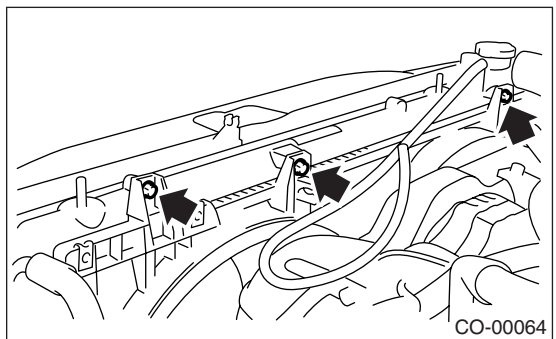
3) Connect the radiator inlet hose.



4) Install the radiator main fan motor assembly mounting bolts.

Tightening torque:

4.9 N·m (0.50 kgf·m, 3.6 ft·lb)



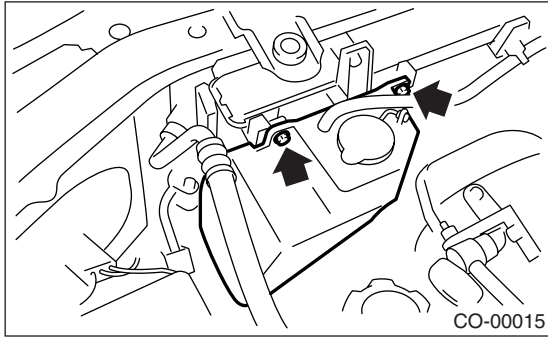
RADIATOR MAIN FAN AND FAN MOTOR

COOLING

5) Install the reservoir tank.

Tightening torque:

7.5 N·m (0.76 kgf·m, 5.5 ft·lb)



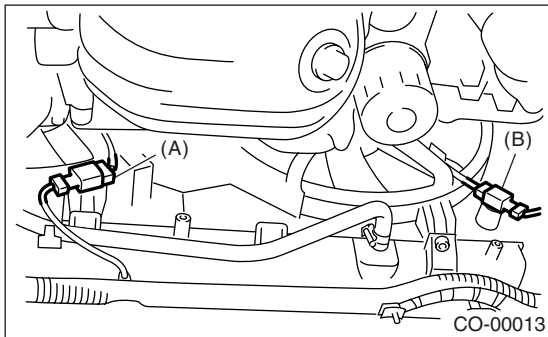
6) Install the overflow hose.

7) Install the V-belt cover.

8) Lift-up the vehicle.

9) Install the ATF hose to clip of radiator main fan motor assembly (AT model).

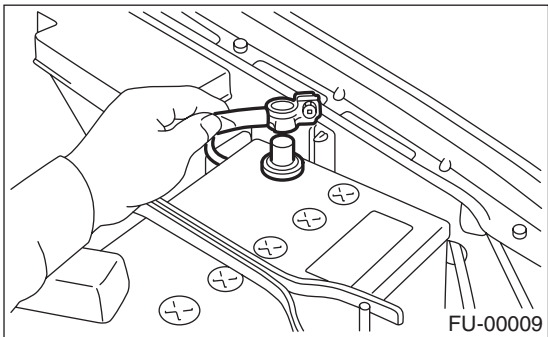
10) Connect the main fan motor (A) and sub fan motor (B).



11) Install the under cover.

12) Lower the vehicle.

13) Connect the battery ground cable to battery.



14) Fill the engine coolant. <Ref. to CO(H4SO)-17, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

2. TURBO MODEL

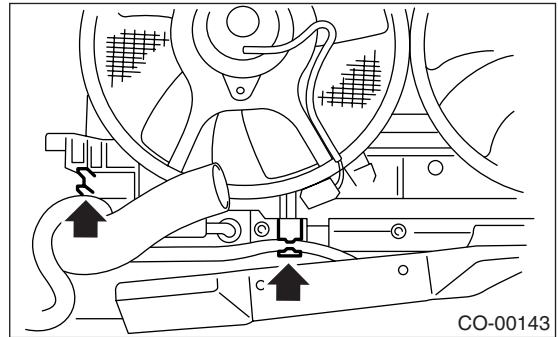
1) Install the radiator main fan motor assembly.

2) Lift-up the vehicle.

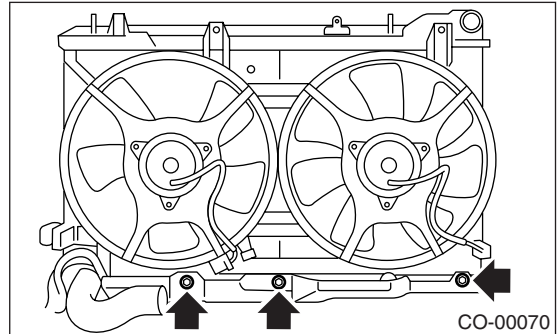
3) Pull the radiator lower hose upward to space radiator from radiator under cover. Install the ATF hose to radiator main fan motor assembly two clips. (AT model)

NOTE:

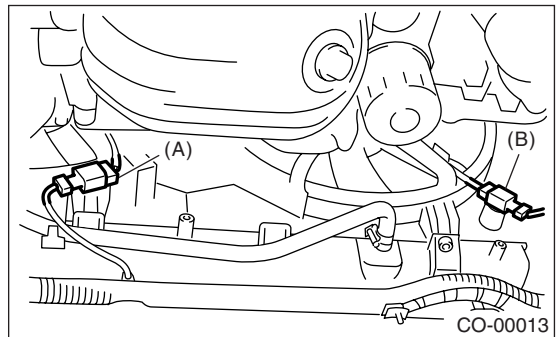
Fit securely the pins on lower side of radiator into body side.



4) Tighten the radiator under cover securing bolt. (AT model)



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



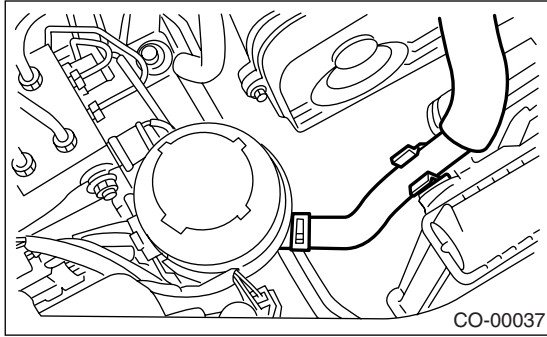
6) Install the under cover.

7) Lower the vehicle.

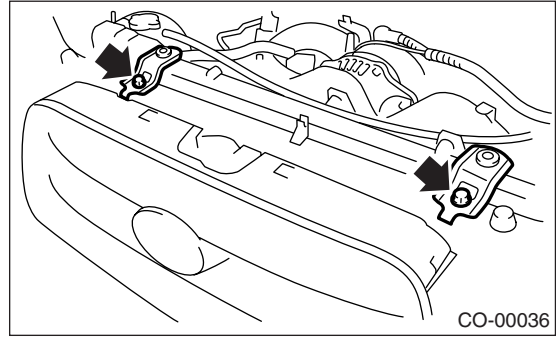
RADIATOR MAIN FAN AND FAN MOTOR

COOLING

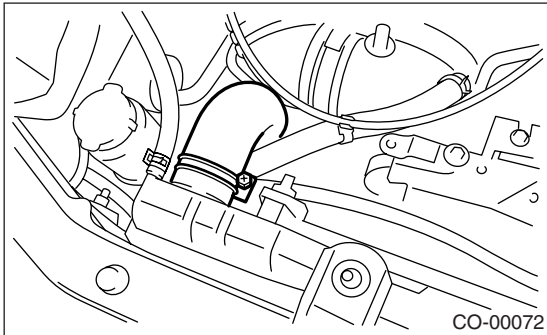
8) Connect the power steering hose to radiator clip.



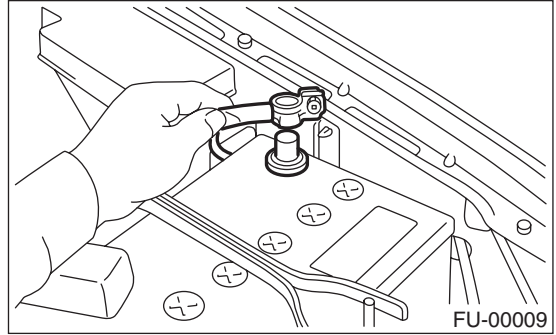
14) Install the radiator upper bracket. (AT model)



9) Connect the radiator inlet hose to radiator.



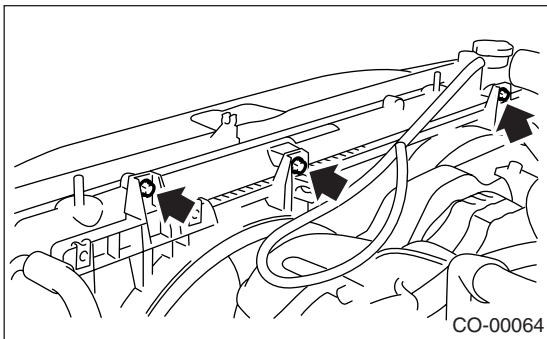
15) Connect the battery ground cable to battery.



10) Install the radiator main fan motor assembly mounting bolts.

Tightening torque:

4.9 N·m (0.5 kgf·m, 3.6 ft·lb)

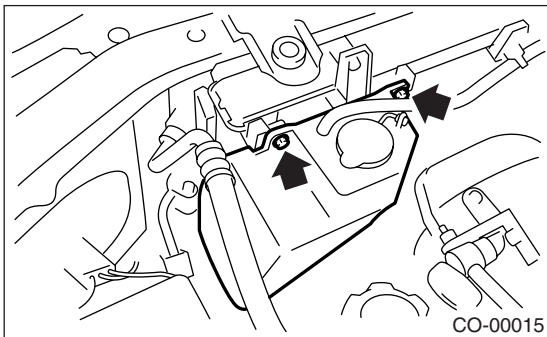


16) Fill the engine coolant. <Ref. to CO(H4SO)-17, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

NOTE:

If it is difficult to install the radiator main fan motor assembly, first loosen the bolts which hold the radiator sub fan motor assembly.

11) Install the reservoir tank.



12) Connect the overflow hose.

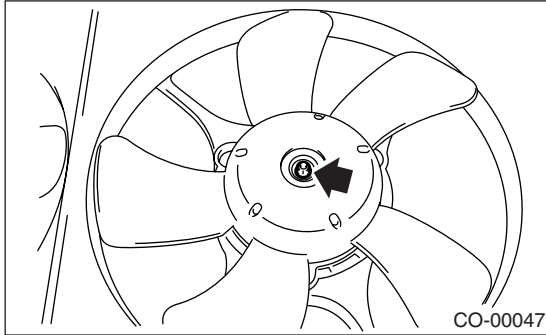
13) Install the V-belt cover.

RADIATOR MAIN FAN AND FAN MOTOR

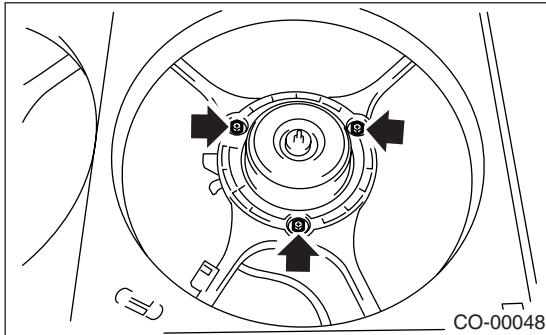
COOLING

C: DISASSEMBLY

- 1) Remove the clip which holds motor connector onto shroud.
- 2) Remove the nut which holds fan itself onto fan motor and shroud assembly.



- 3) Remove the bolts which install fan motor onto shroud.



D: ASSEMBLY

Assemble in the reverse order of disassembly.

NOTE:

For the tightening torque, refer to "COMPONENT".
<Ref. to CO(H4SO)-3, COMPONENT, General Description.>