

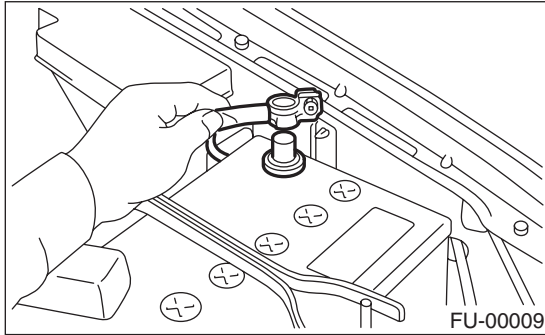
RADIATOR

COOLING

7. Radiator

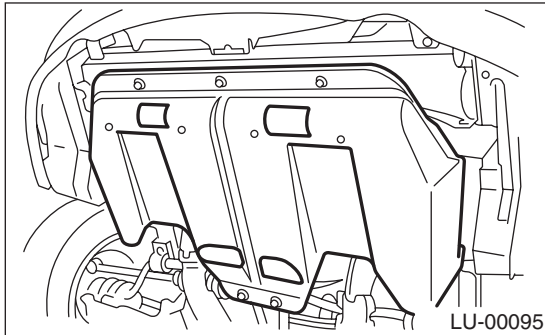
A: REMOVAL

1) Disconnect battery ground cable.



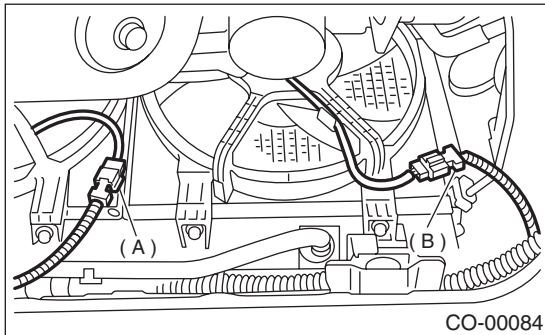
2) Lift-up the vehicle.

3) Remove under cover.

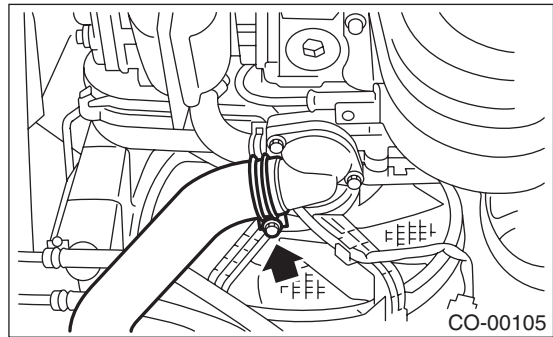


4) Drain engine coolant completely. <Ref. to CO(H4SO)-12, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

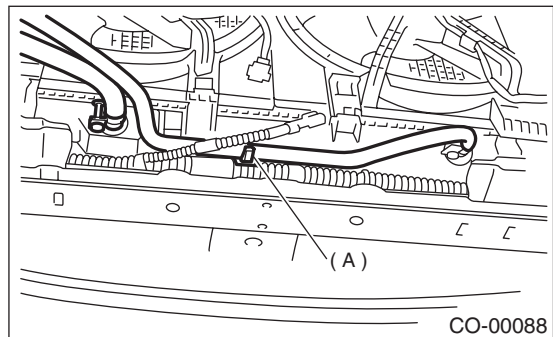
5) Disconnect connectors of radiator main fan (A) and sub fan (B) motor.



6) Disconnect radiator outlet hose from thermostat cover.



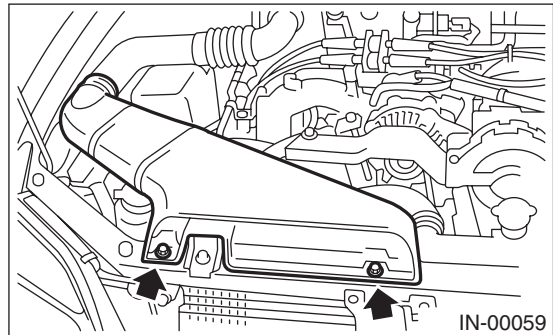
7) Disconnect ATF cooler hoses from radiator. (AT vehicles only)



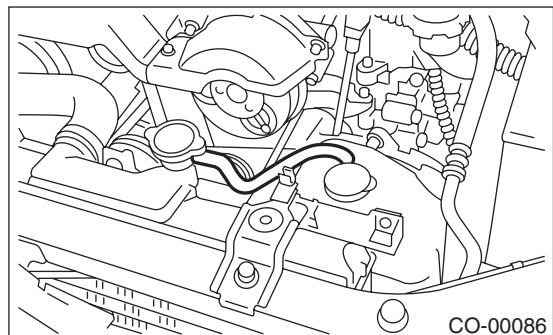
(A) Clip

8) Lower the vehicle.

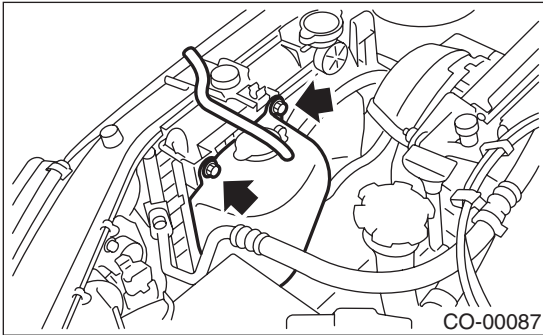
9) Remove air intake duct.



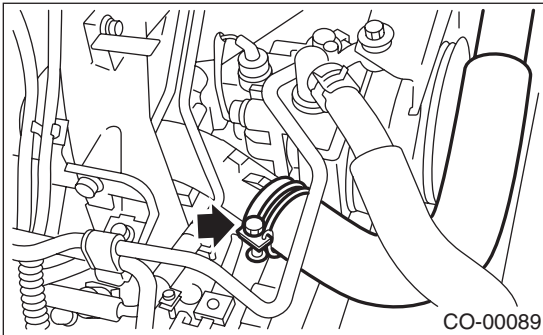
10) Disconnect overflow hose.



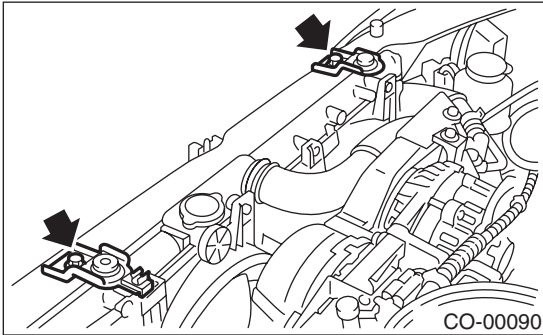
11) Remove reservoir tank.



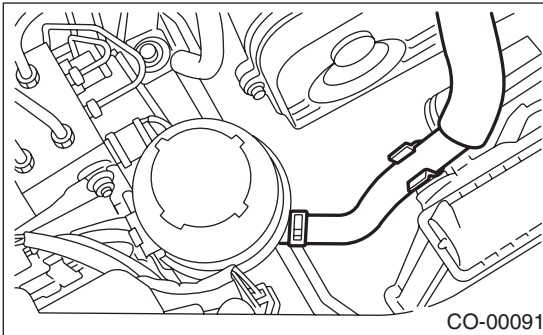
12) Disconnect radiator inlet hose from engine.



13) Remove radiator upper brackets.

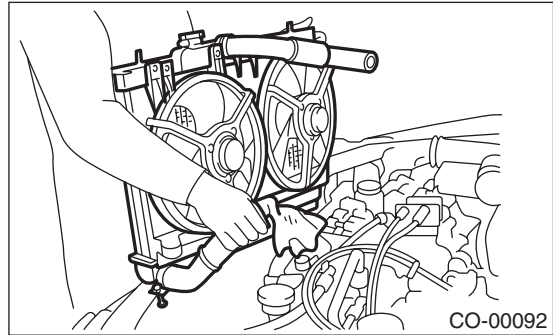


14) Detach power steering hose from the clip on the radiator.



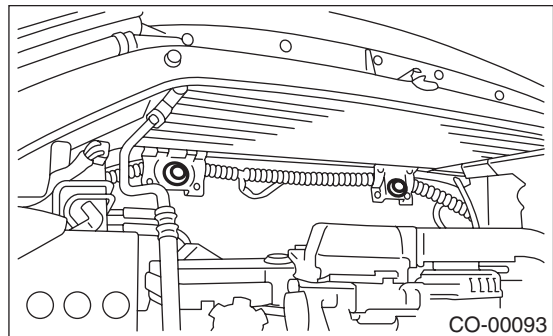
15) While slightly lifting radiator, slide it to left.

16) Lift radiator up and away from vehicle.



B: INSTALLATION

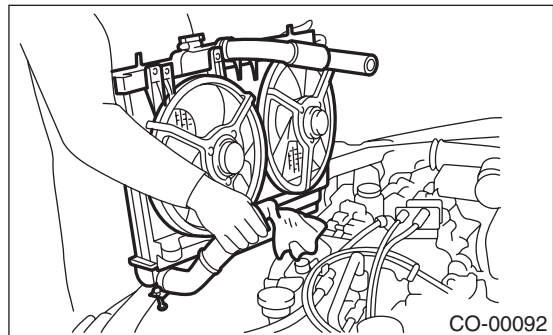
1) Attach radiator mounting cushions to holes on the vehicle.



2) Install radiator while fitting radiator pins to cushions.

NOTE:

Fit pins on lower side of radiator into cushions on body side.



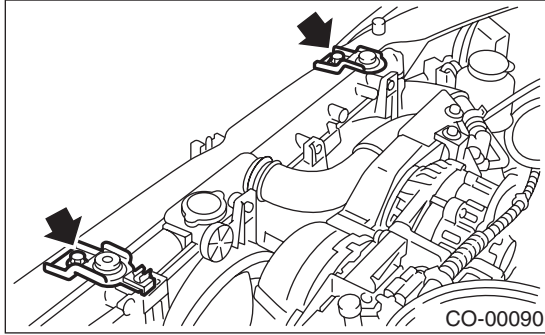
RADIATOR

COOLING

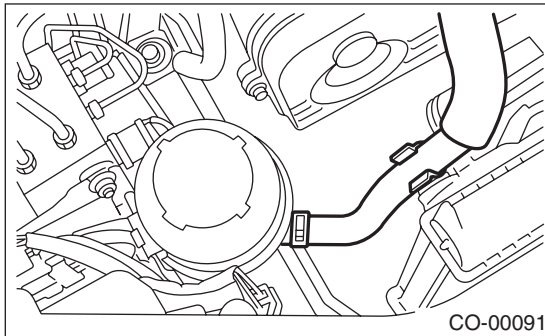
3) Install radiator brackets and tighten bolts.

Tightening torque:

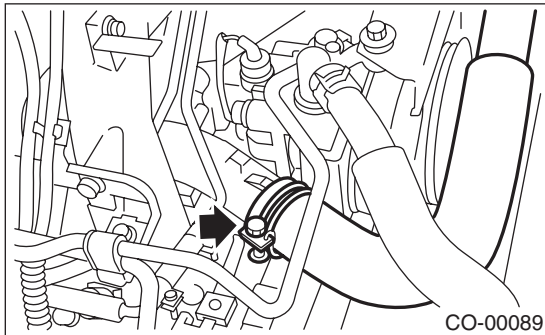
18 N·m (1.8 kgf·m, 13.0 ft·lb)



4) Attach power steering hose to the radiator.



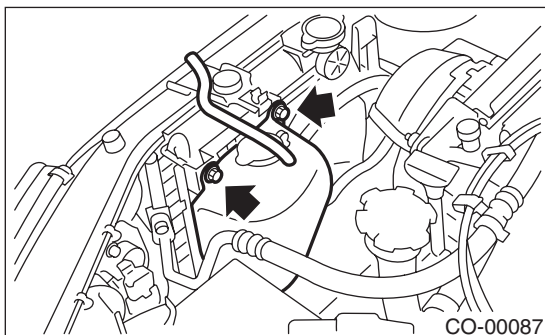
5) Connect radiator inlet hose.



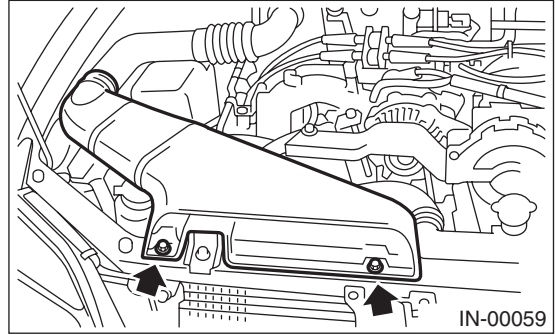
6) Install reservoir tank.

Tightening torque:

4.9 N·m (0.50 kgf·m, 3.6 ft·lb)

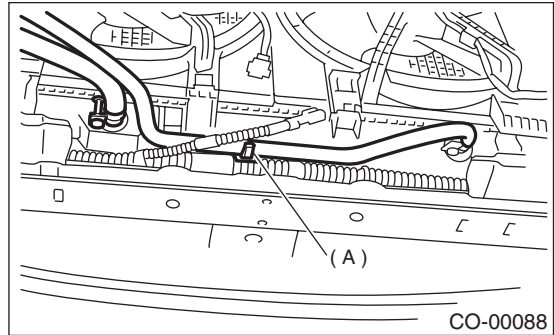


7) Install air intake duct.



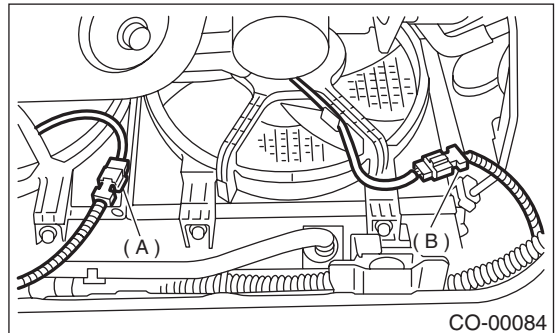
8) Lift-up the vehicle.

9) Connect ATF cooler hoses. (AT vehicles only)

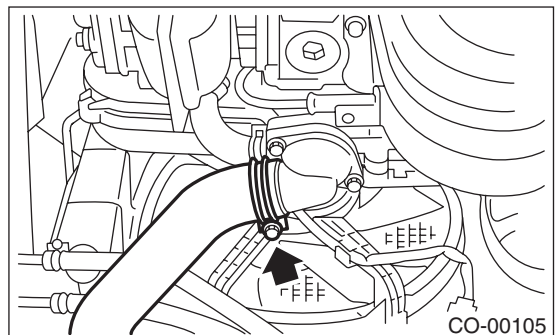


(A) Clip

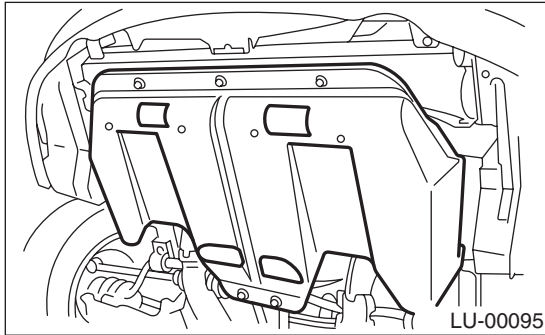
10) Connect connectors to radiator main fan motor (A) and sub fan motor (B).



11) Connect radiator outlet hose.



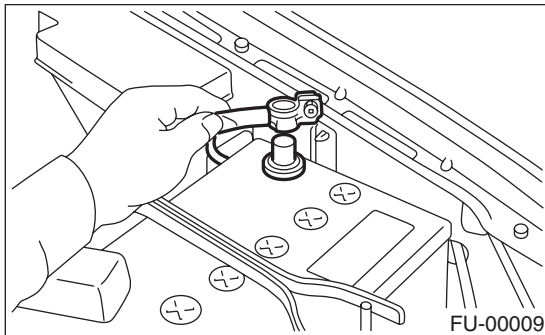
12) Install under cover.



- Be careful to prevent engine coolant from spurting out when removing tester.
- Be careful not to deform filler neck of radiator when installing or removing tester.

13) Lower the vehicle.

14) Connect battery ground cable.

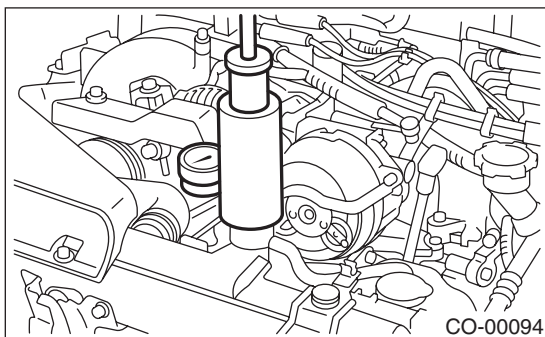


15) Fill coolant. <Ref. to CO(H4SO)-12, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

16) Check ATF level. <Ref. to 4AT-31, INSPECTION, Automatic Transmission Fluid.>

C: INSPECTION

1) Remove radiator cap, top off radiator, and attach tester to radiator in place of cap.



2) Apply a pressure of 157 kPa (1.6 kg/cm², 23 psi) to radiator to check if:

- (1) Engine coolant leaks at/around radiator.
- (2) Engine coolant leaks at/around hoses or connections.

CAUTION:

- Engine should be off.
- Wipe engine coolant from check points in advance.