

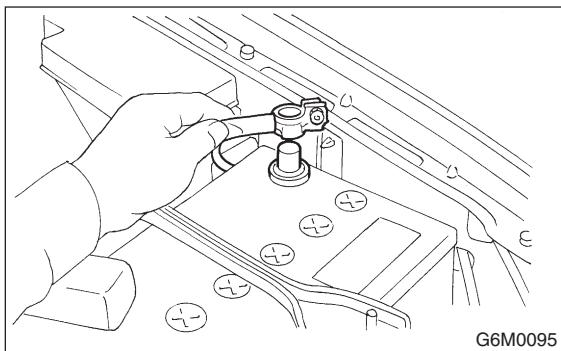
5. Radiator S106058

A: REMOVAL S106058A18

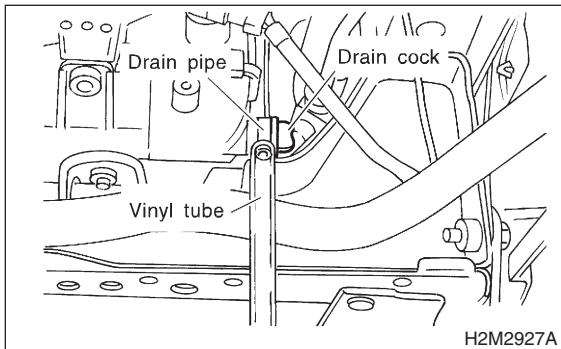
WARNING:

The radiator is pressurized. Wait until engine cools down before working on the radiator.

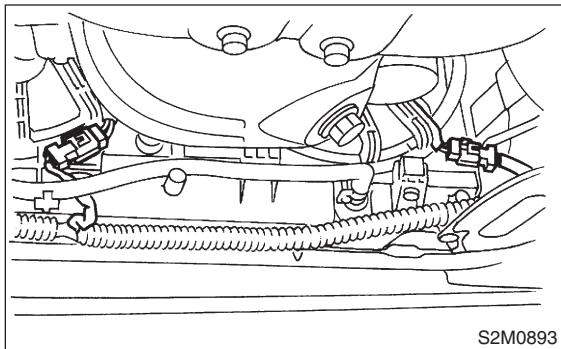
- 1) Disconnect battery ground cable.



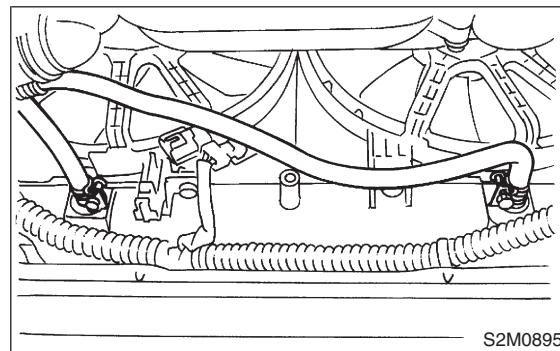
- 2) Lift-up the vehicle.
- 3) Remove under cover.
- 4) Drain engine coolant completely. <Ref. to CO-6 REPLACEMENT, Engine Coolant.>



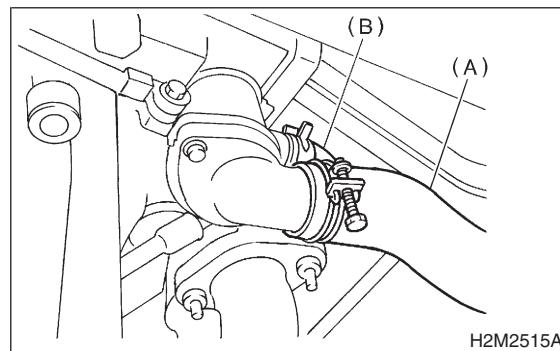
- 5) Disconnect connectors of radiator main fan and sub fan motor.



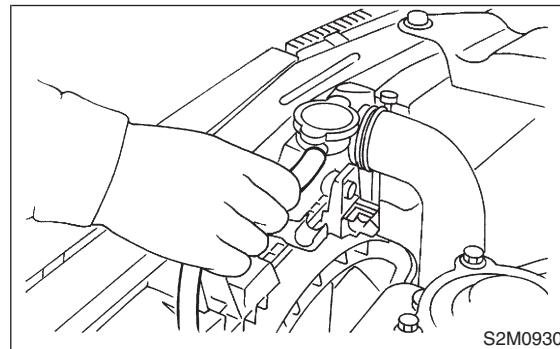
- 6) Disconnect ATF cooler hoses from radiator. (AT vehicles only)



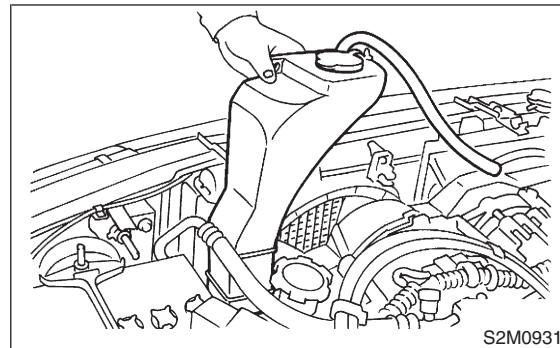
- 7) Disconnect radiator outlet hose (A) and water by-pass hose (B) (AT vehicles) from thermostat cover.



- 8) Lower the vehicle.
- 9) Disconnect over flow hose.



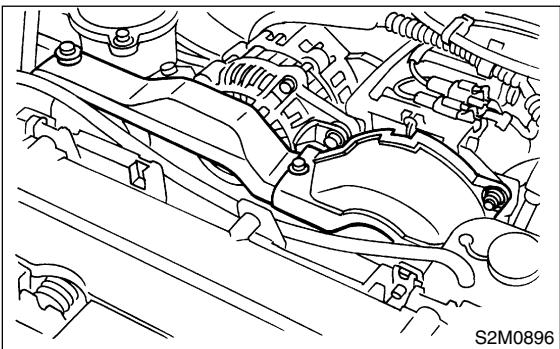
- 10) Remove reservoir tank.



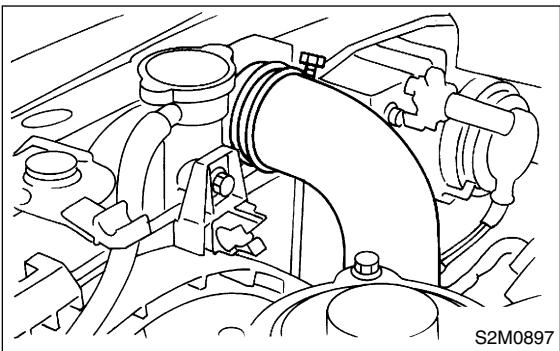
RADIATOR

Cooling

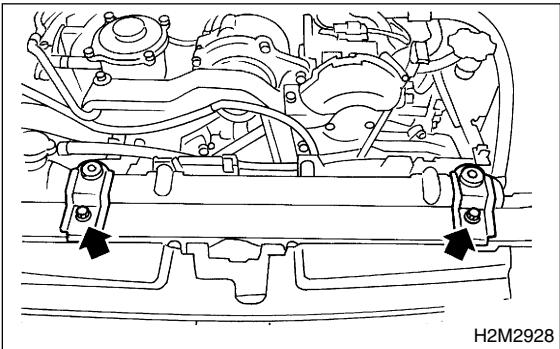
11) Remove V-belt covers.



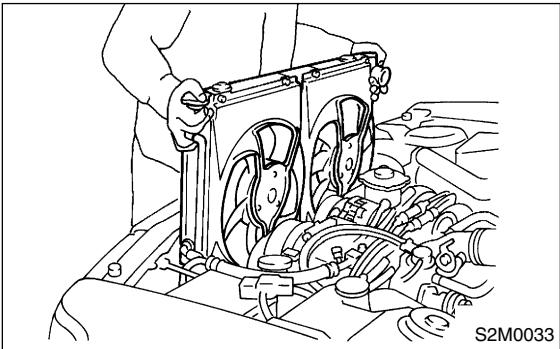
12) Disconnect radiator inlet hose from radiator.



13) Remove radiator upper brackets.

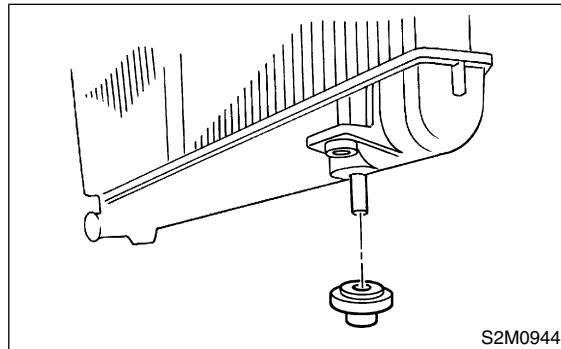


14) While slightly lifting radiator, slide it to left.
15) Lift radiator up and away from vehicle.



B: INSTALLATION S106058A11

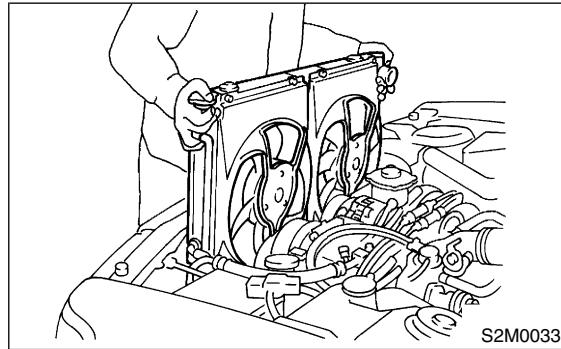
1) Attach radiator mounting cushions to pins on the lower side of radiator.



2) Install radiator while fitting radiator pins to cushions.

NOTE:

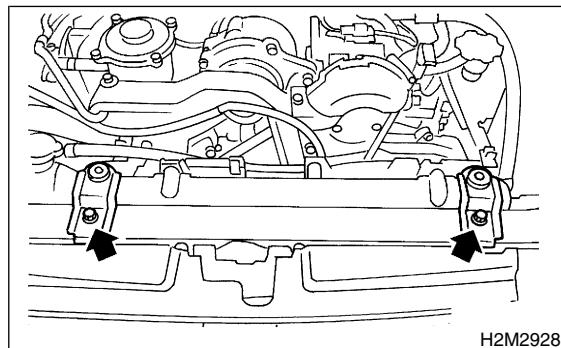
Fit cushion on lower side of radiator into holes on body side.



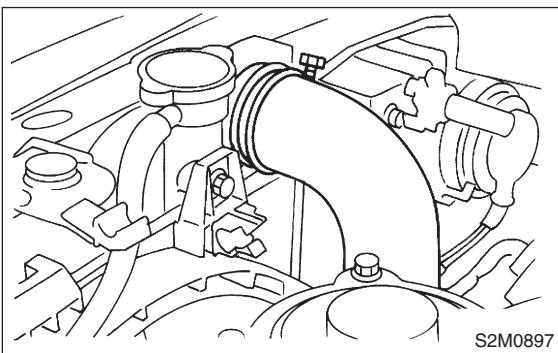
3) Install radiator brackets and tighten bolts.

Tightening torque:

18 N·m (1.8 kgf·m, 13.0 ft-lb)



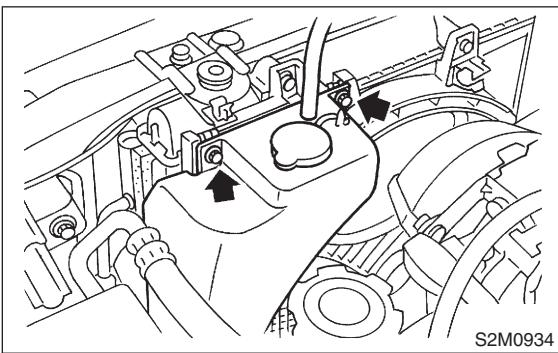
4) Connect radiator inlet hose.



5) Install reservoir tank.

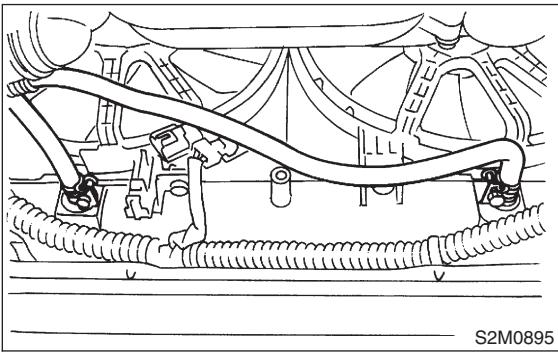
Tightening torque:

4.9 N·m (0.50 kgf·m, 3.6 ft-lb)

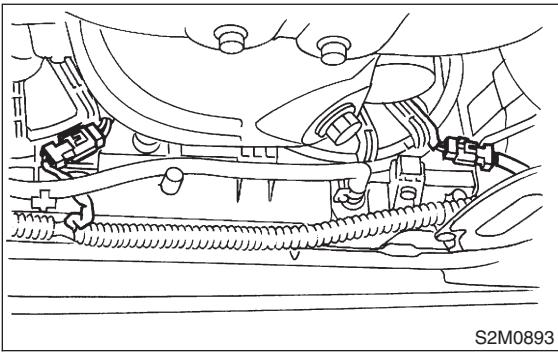


6) Lift-up the vehicle.

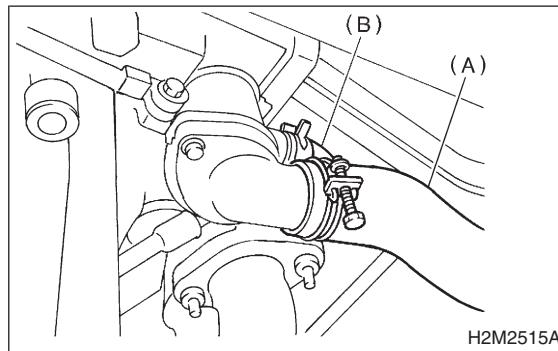
7) Connect ATF cooler hoses. (AT vehicles only)



8) Connect connectors to radiator main fan motor and sub fan motor.



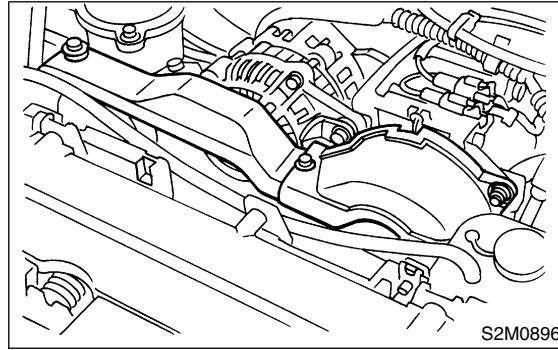
9) Connect radiator outlet hose (A) and water bypass hose (B). (AT vehicles)



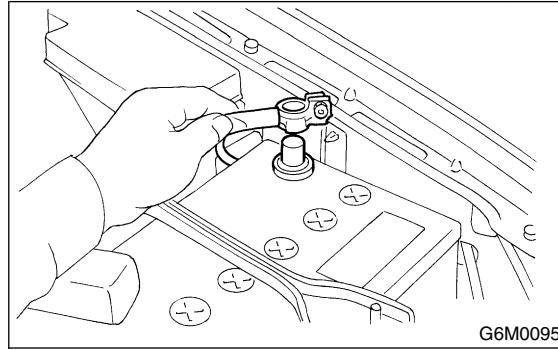
10) Install under cover.

11) Lower the vehicle.

12) Install V-belt covers.



13) Connect battery ground cable.

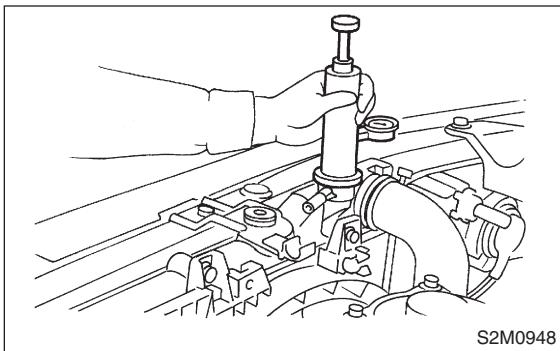


14) Fill engine coolant. <Ref. to CO-6 REPLACEMENT, Engine Coolant.>

C: INSPECTION

S106058A10

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