

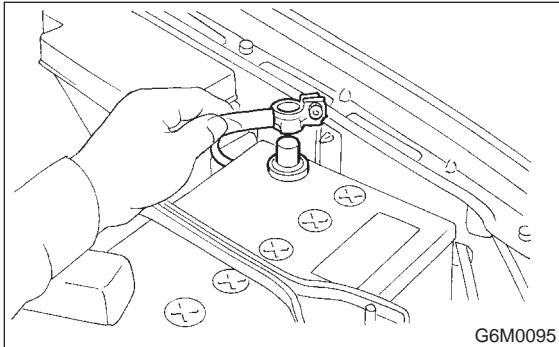
3. Radiator

A: REMOVAL

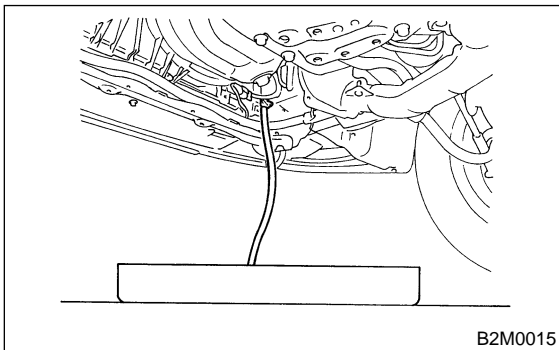
WARNING:

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

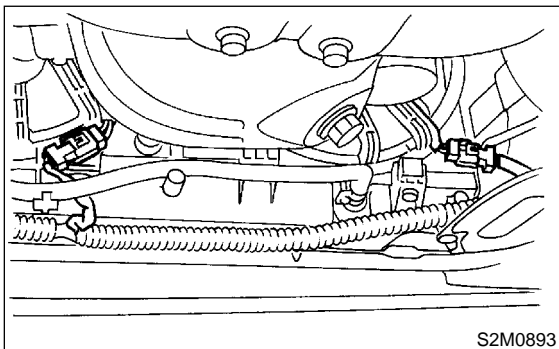
- 1) Set the vehicle on the lift.
- 2) Disconnect battery ground cable.



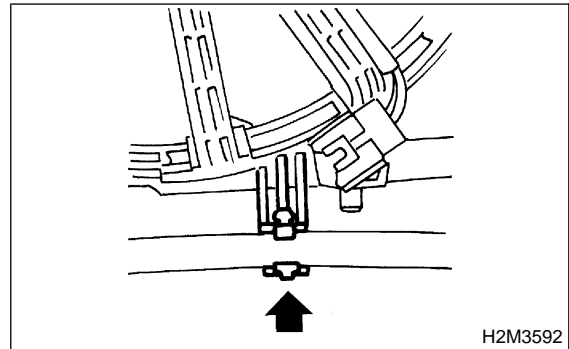
- 3) Lift-up the vehicle.
- 4) Remove under cover.
- 5) Drain engine coolant completely. <Ref. to 2-5 [W9A0].>



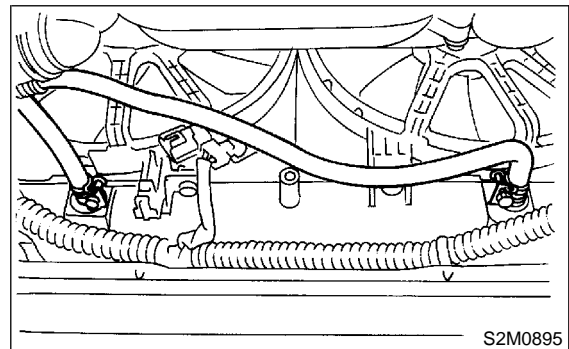
- 6) Disconnect connectors of radiator main fan and sub fan motor.



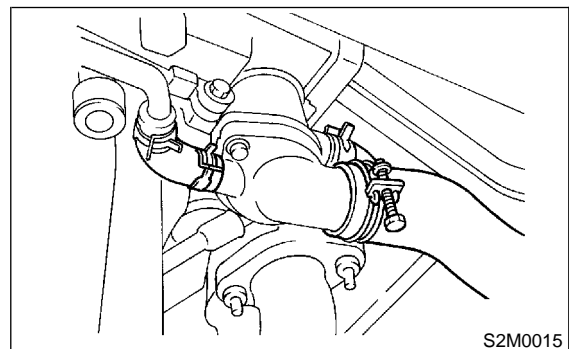
- 7) Detach ATF cooler hose attached to a clip under the radiator main fan shroud. (AT vehicles only)



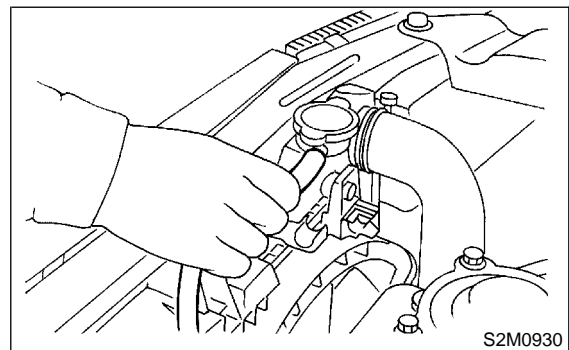
- 8) Disconnect ATF cooler hoses from radiator. (AT vehicles only)



- 9) Disconnect radiator outlet hose from thermostat cover.

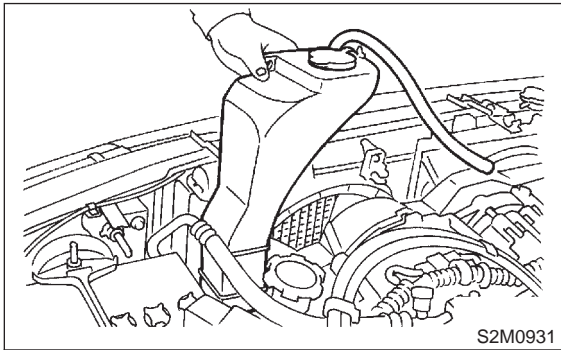


- 10) Lower the vehicle.
- 11) Disconnect over flow hose.



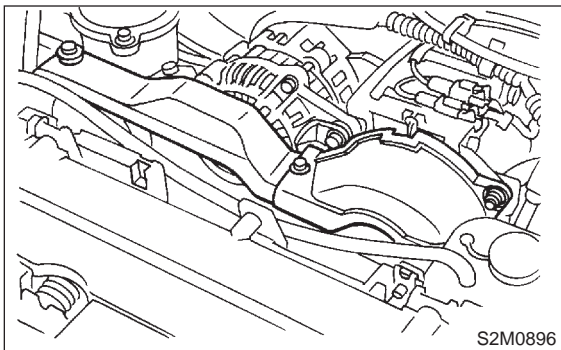
3. Radiator

12) Remove reservoir tank.



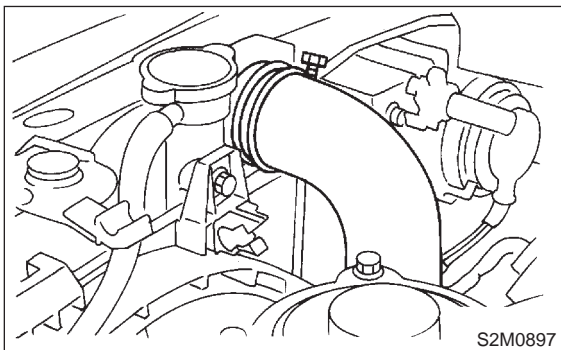
S2M0931

13) Remove V-belt covers.



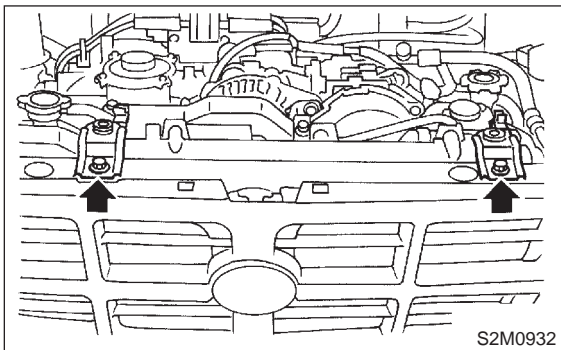
S2M0896

14) Disconnect radiator inlet hose from radiator.



S2M0897

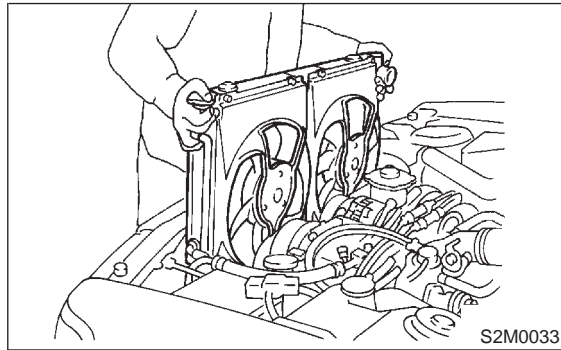
15) Remove radiator upper brackets.



S2M0932

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

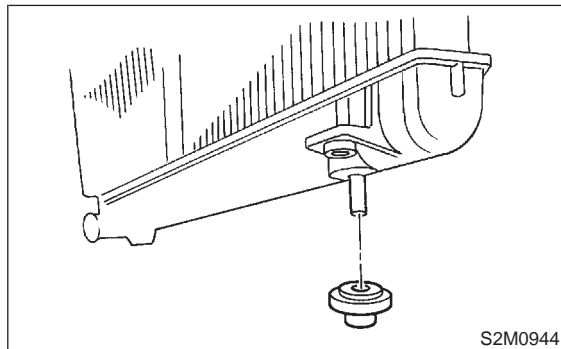
17) Lift radiator up and away from vehicle.



S2M0033

B: INSTALLATION

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

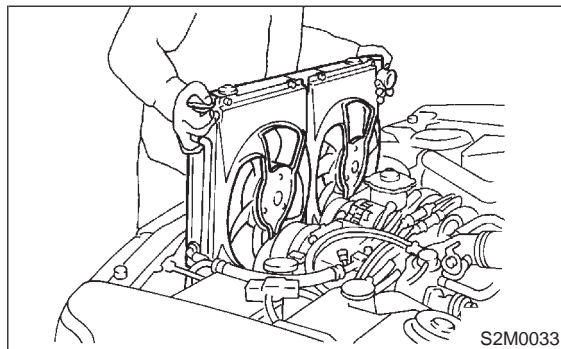


S2M0944

2) Install radiator while fitting radiator pins to cushions.

NOTE:

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

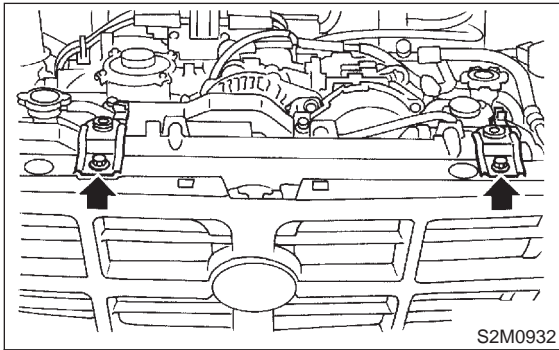


S2M0033

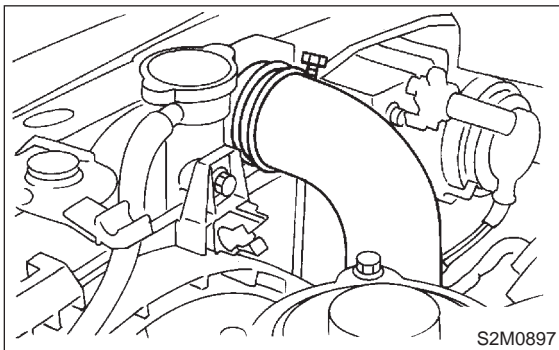
3) Install radiator brackets and tighten bolts.

Tightening torque:

$18 \pm 5 \text{ N}\cdot\text{m}$ ($1.8 \pm 0.5 \text{ kg}\cdot\text{m}$, $13.0 \pm 3.6 \text{ ft}\cdot\text{lb}$)



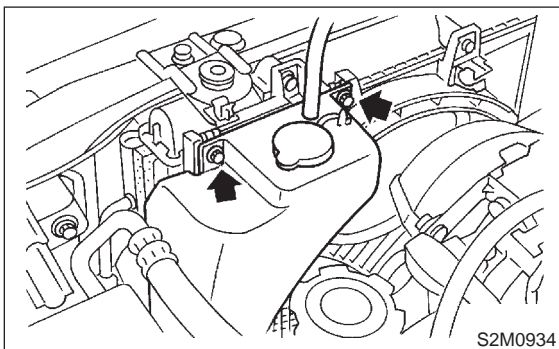
4) Connect radiator inlet hose.



5) Install reservoir tank.

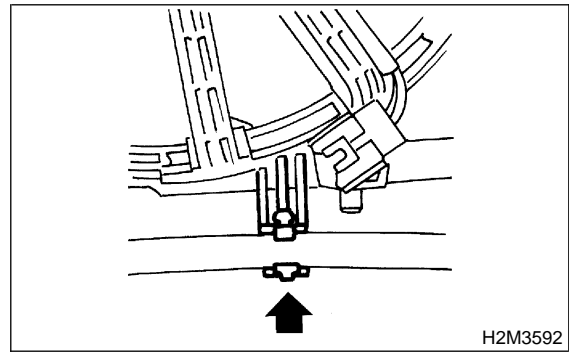
Tightening torque:

$4.9 \pm 1.5 \text{ N}\cdot\text{m}$ ($0.50 \pm 0.15 \text{ kg}\cdot\text{m}$, $3.6 \pm 1.1 \text{ ft}\cdot\text{lb}$)

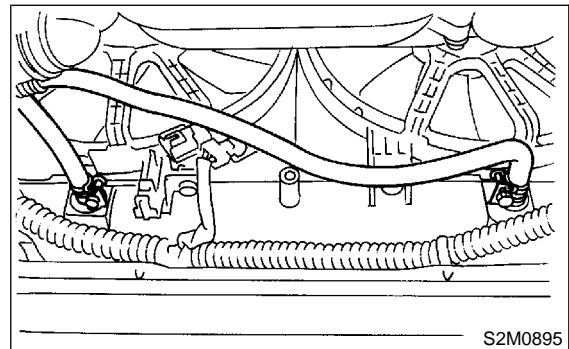


6) Lift-up the vehicle.

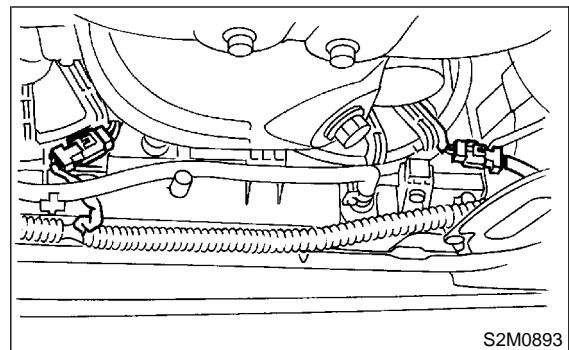
7) Attach ATF cooler hose to a clip under the radiator main fan shroud. (AT vehicles only)



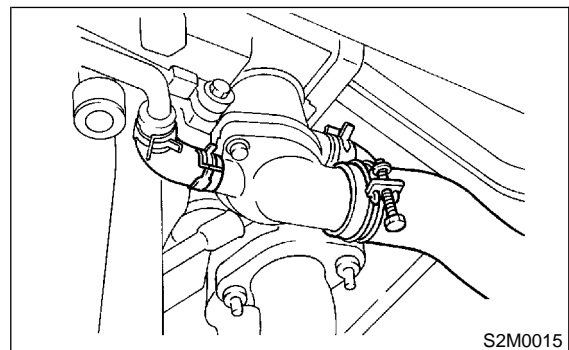
8) Connect ATF cooler hoses. (AT vehicles only)



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



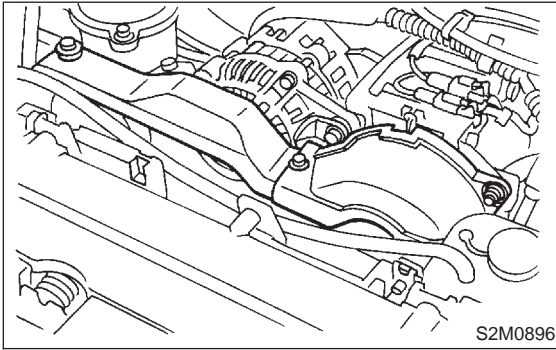
10) Connect radiator outlet hose.



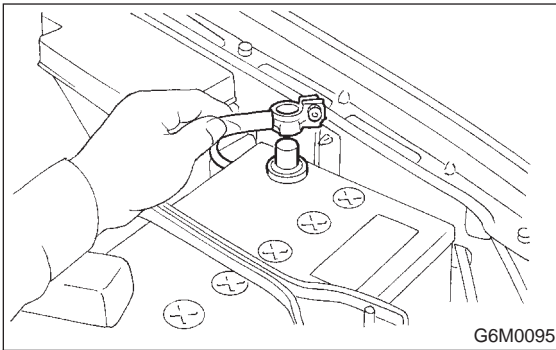
11) Install under cover.

12) Lower the vehicle.

13) Install V-belt covers.



14) Connect battery ground cable.

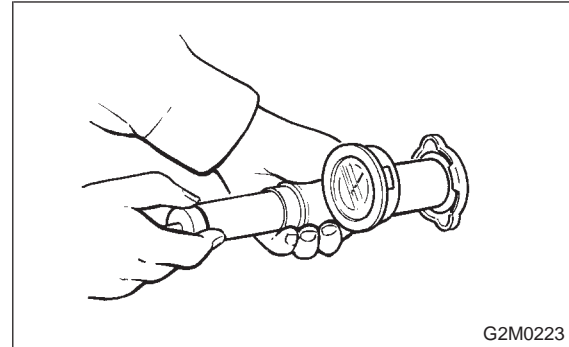


15) Fill coolant. <Ref. to 2-2 [W9B0].>

4. Radiator Cap

A: INSPECTION

1) Attach radiator cap to tester.



2) Increase pressure until tester gauge pointer stops. Radiator cap is functioning properly if it holds the service limit pressure for five to six seconds.

Standard pressure:

93 — 123 kPa (0.95 — 1.25 kg/cm², 14 — 18 psi)

Service limit pressure:

83 kPa (0.85 kg/cm², 12 psi)

CAUTION:

Be sure to remove foreign matter and rust from the cap in advance; otherwise, results of pressure test will be incorrect.