

Coolant system Draining, Filling, and Bleeding Procedure

Raise front of car and support safely.

Remove splash shield from under engine.

Remove cap from radiator expansion tank.

Place 5 gallon pail underneath radiator.

Loosen drain plug on petcock at bottom of radiator and allow coolant to drain.

Before refilling radiator:

Switch ignition **ON**. Do not start engine!

Set temperature controls to full warm.

Set blower control to low.

Set seat heat control to maximum.

Using a coolant mixture of 50%/50% fill expansion tank slowly to MAX

(Capacity: 10.4 liter = 11 qts.)

Close cap on coolant expansion tank and perform the following steps:

1. Connect vehicle to power supply (I guess this procedure prevents the battery from draining when the car engine is not running for 12 minutes during the process).
2. Switch ignition **ON**.
3. Set heater to MAX temperature and turn on fan to lowest speed.
4. Press accelerator pedal to floor and hold for 10 seconds.
5. Bleeding procedure begins when accelerator pedal is pressed and takes approximately 12 minutes. (Electrical coolant pump turns ON and OFF automatically after approximately 12 minutes).
6. **CAUTION:** Do not open expansion tank cap while electrical coolant pump is ON.
7. Fill coolant expansion tank 100 ml above MAX (as indicated on red plastic rod).
8. Check coolant system for leaks.
9. If leaks are found, remove ignition key and wait approximately 3 minutes before repeating cooling bleeding procedure.
10. When bleeding procedure is complete, close coolant expansion tank cap until marks on cap and tank line up.