

ALL MODELS

ENGINE COOLING SYSTEM SERVICE

When servicing a vehicle's cooling system, air bleeding is required. Failing to bleed air from the cooling system may cause:

- HVAC gurgle type noise.
- Engine overheating which may lead to engine damage.

RI 7476

Use the following procedure to properly bleed the cooling system after service:

1. Remove the radiator cap and install SST Lisle Spill-Free Funnel part number LIS24610. See Figure 1.
SST is available on MStore.



Figure 1

2. Pour coolant into the spill-free funnel (about 500cc).
3. Turn off all electrical loads, for example A/C switch, and then warm up the engine until thermostat opens.
 - a) Warm up engine at 3000 rpm for 5 minutes.
 - b) Touch radiator lower hose to confirm warm up.
4. With heater in the full Hot position, hold at 3500 rpm for 20 seconds and then idle for 40 seconds.
5. Perform steps 2 through 4, 12 times.

Note: Add engine coolant if fluid level decreases in the spill-free funnel.

6. Stop the engine.
7. After fluid surface is stable, plug spill-free funnel and remove it.
8. Reinstall radiator cap.
9. Add coolant to reservoir tank.
10. Mark reservoir tank coolant level with a wax pencil.
11. Allow vehicle to fully cool (over night preferred).
12. After vehicle is fully cooled, review mark on reservoir tank. Confirm that the level has gone down.

Note: Add the engine coolant if the level is lower than the LOW mark.

13. Restart engine and confirm HVAC heater is working properly and no gurgle noise is present.
14. If gurgle noise is present, repeat procedure.