



COOLANT FLOW RATE TEST:

1. Set the heater control to warmest setting.
2. Raise vehicle on a suitable lift.
3. Disconnect the negative battery cable
4. After cooling system has cooled to a workable temperature, remove the cap from the coolant expansion tank reservoir.

NOTE: DO NOT REMOVE THE CAP FROM THE COOLANT EXPANSION TANK RESERVOIR WHILE THE COOLANT IS HOT, BURN INJURY MAY RESULT.

5. Remove the lower shield (front undertray) from the vehicle.
6. Use a suitable clamp to close off the lower sub cooler hose.
7. Install a rubber tube to the radiator drain plug and place a catch container underneath the radiator below the tube to collect the coolant.
8. Open the radiator drain plug all the way and collect approximately 8.5 ounces (250 ml) of coolant. Close radiator drain plug when the coolant has been collected. *(Measure the amount of time needed to drain the coolant into the catch container).*

According to the factory TSB No. LTB00080, elapsed drain time for a new "unblocked" radiator is approximately 10 seconds.

Drain time for a radiator with "confirmed blockage" that exhibits overheating symptoms is approximately 1 minute 40 seconds.

9. If evidence of blockage is apparent, replace radiator as necessary.
10. If no evidence of blockage is apparent, add appropriate amount of coolant to top off the system, and replace the coolant expansion tank reservoir cap. Further diagnostics of cooling system overheating will be necessary.