

5. Cooling System

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Service Information

⚠ WARNING

- Wait until the engine is cool before slowly removing the radiator cap. Removing the cap while the engine is hot and the coolant is under pressure may cause serious scalding.
- Radiator coolant is toxic. Keep it away from eyes, mouth, skin and clothes.
 - If any coolant gets in your eyes, rinse them with water and consult a doctor immediately.
 - If any coolant is swallowed, induce vomiting, gargle and consult a physician immediately.
- KEEP OUT OF REACH OF CHILDREN.

- Add coolant at the reserve tank. Do not remove the radiator cap except to refill or drain the system.
- All cooling system service can be made with the engine in the frame.
- Avoid spilling coolant on painted surfaces.
- After servicing the system, check for leaks with a cooling system tester.
- Refer to section 18 for fan motor switch and thermo sensor inspections.

Troubleshooting

Engine Temperature Too High

- Faulty temperature gauge or thermo sensor
- Air in system
- Thermostat stuck closed
- Passages blocked in radiator, hoses, or water jacket
- Faulty fan motor switch
- Faulty water pump
- Incorrect fan shroud installation
- Faulty cooling fan motor

Engine Temperature Too Low

- Faulty temperature gauge or thermo sensor
- Thermostat stuck open
- Faulty cooling fan motor switch

Coolant Leaks

- Faulty water pump mechanical seal
- Deteriorated/faulty O-rings
- Faulty radiator cap
- Loose hose connection or clamp