

## Engine Cooling System

The engine cooling system affects your car's overall dependability and engine longevity. Cooling systems have advanced over the years with new coolant formulations and new radiator designs and materials. If you suspect a problem with your cooling system, you should check it immediately.

### WHAT DOES IT DO?

The key parts of the cooling system remove heat from the engine and automatic transmission and dissipate heat to the air outside. The water pump circulates coolant through the engine. The coolant absorbs heat and returns it to the radiator where heat is dissipated. The thermostat regulates the coolant temperature to keep it consistent for efficient engine operation.

### TYPICAL WEAR AND TEAR

- Factors that affect the replacement of cooling system parts include:
- Driving habits
- Operating conditions
- Type of vehicle
- Type of coolant
- Frequency of regular maintenance such as coolant changes

### SYMPTOMS

- Overheating
- Sweet smell
- Leaks
- Repeatedly need to add fluid