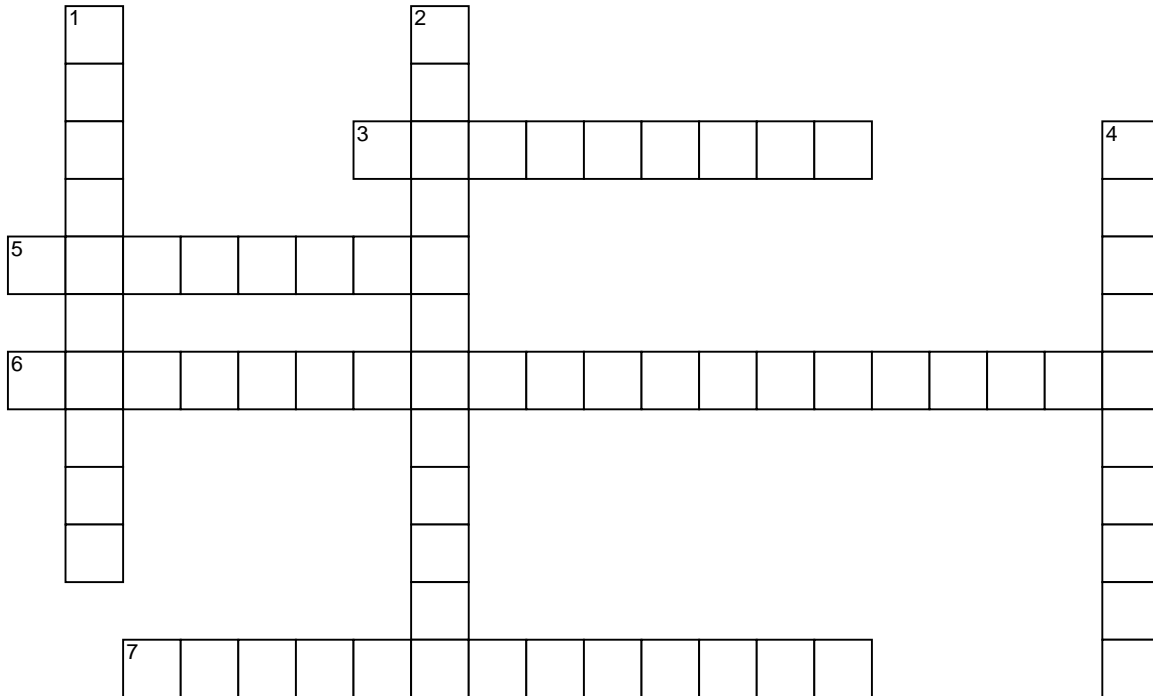


Chapter 9

Heating System Operation and Diagnosis



ACROSS

- 3 The _____ to the heater core connects to an outlet fitting near the engine thermostat, or an area of the engine with the hottest coolant.
- 5 Most heater cores use a _____ form of construction that is somewhat like a plate-type evaporator.
- 6 Most electrically heated and cooled seats use a _____ located under the seat cushion and seat back.
- 7 The thermoelectric device uses the _____, named after the inventor, Jean C. A. Peltier, a French clockmaker.

DOWN

- 1 The _____ from the heater core is connected near the inlet of the water pump, which is the area with the lowest coolant pressure.
- 2 Some vehicles have a _____ in the heater inlet hose that allows coolant flow to be shut off when MAX cooling is selected to keep hot coolant from flowing through the heater core.
- 4 The _____ is a heat exchanger much like the condenser, evaporator, and radiator.