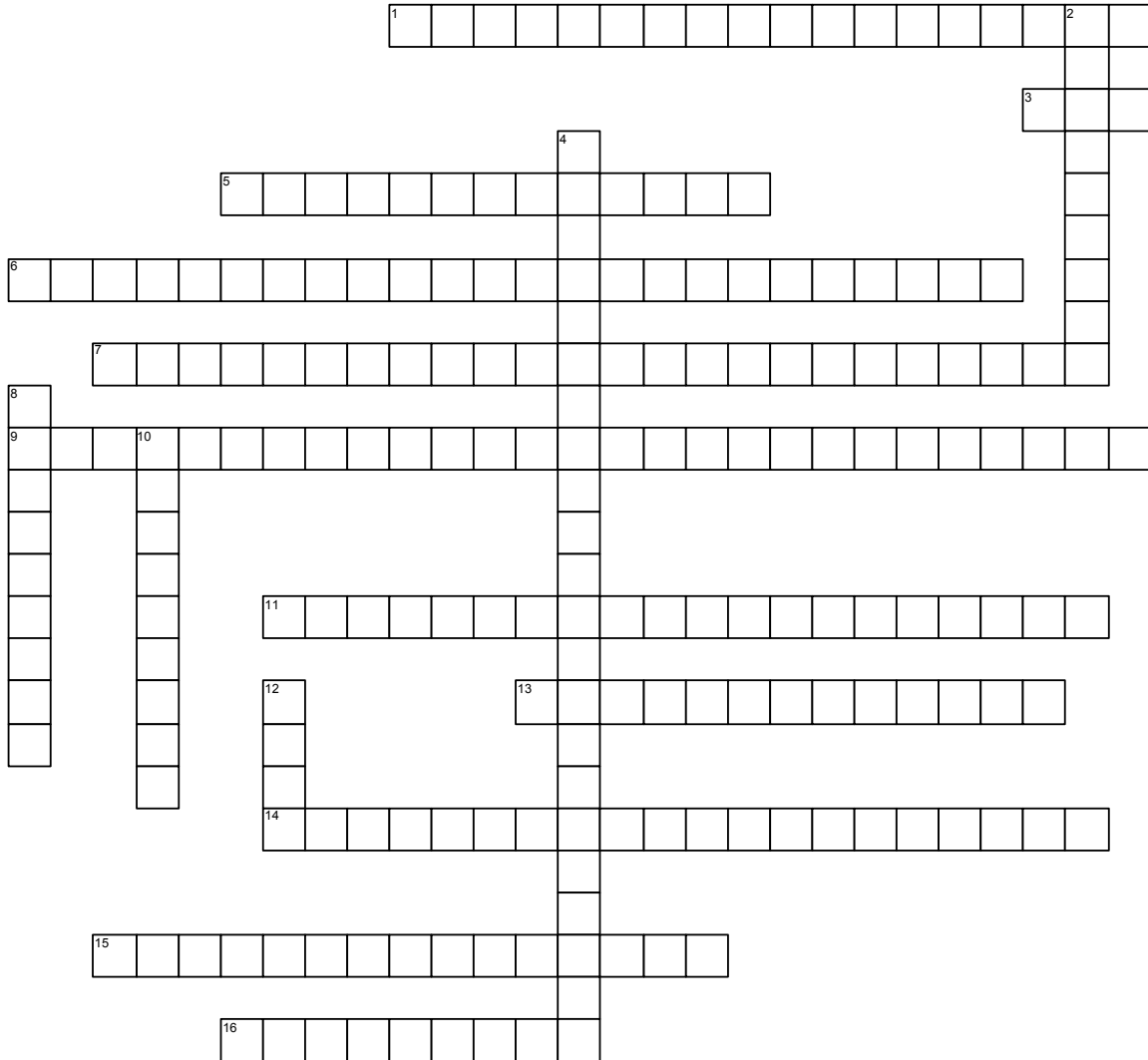


Automatic Temperature Control Systems

Chapter 20



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ACROSS

- 1 A _____ can be used in the low- and/or high-pressure refrigerant line.
- 3 Most automotive thermistors are of the _____ type, the resistance changes in an inverse or negative relationship with temperature.
- 5 The _____ is normally mounted on top of the instrument panel and is used to measure radiant heat load that might cause an increase of the in-vehicle temperature.
- 6 The _____ measures outside air temperature and is often mounted at the radiator shroud or in the area behind the front grill.
- 7 A _____ is capable of positioning a valve in any position.
- 9 With an _____ system, the driver can turn the automatic controls on or off and select the desired temperature.
- 11 A _____ is able to move either open or closed.
- 13 The system that controls the airflow to the passenger compartment is called the _____ system.
- 14 The A/C _____ is used so the ECM will know if

- the compressor is running.
- 15 _____ are mounted in the control head or overhead in the headliner.
 - 16 The _____ is used to measure the air temperature leaving the evaporator.

DOWN

- 2 The _____ is a thermistor and measures of the temperature of the engine coolant and is usually located near the engine thermostat.
- 4 A few vehicles use a _____ to determine the level of in-vehicle humidity.
- 8 The _____ is used to measure the air temperature leaving the dash vents.
- 10 Another name for the ambient temperature sensor is the _____.
- 12 The purpose and function of the _____ system is to provide comfortable temperature and humidity levels inside the passenger compartment.