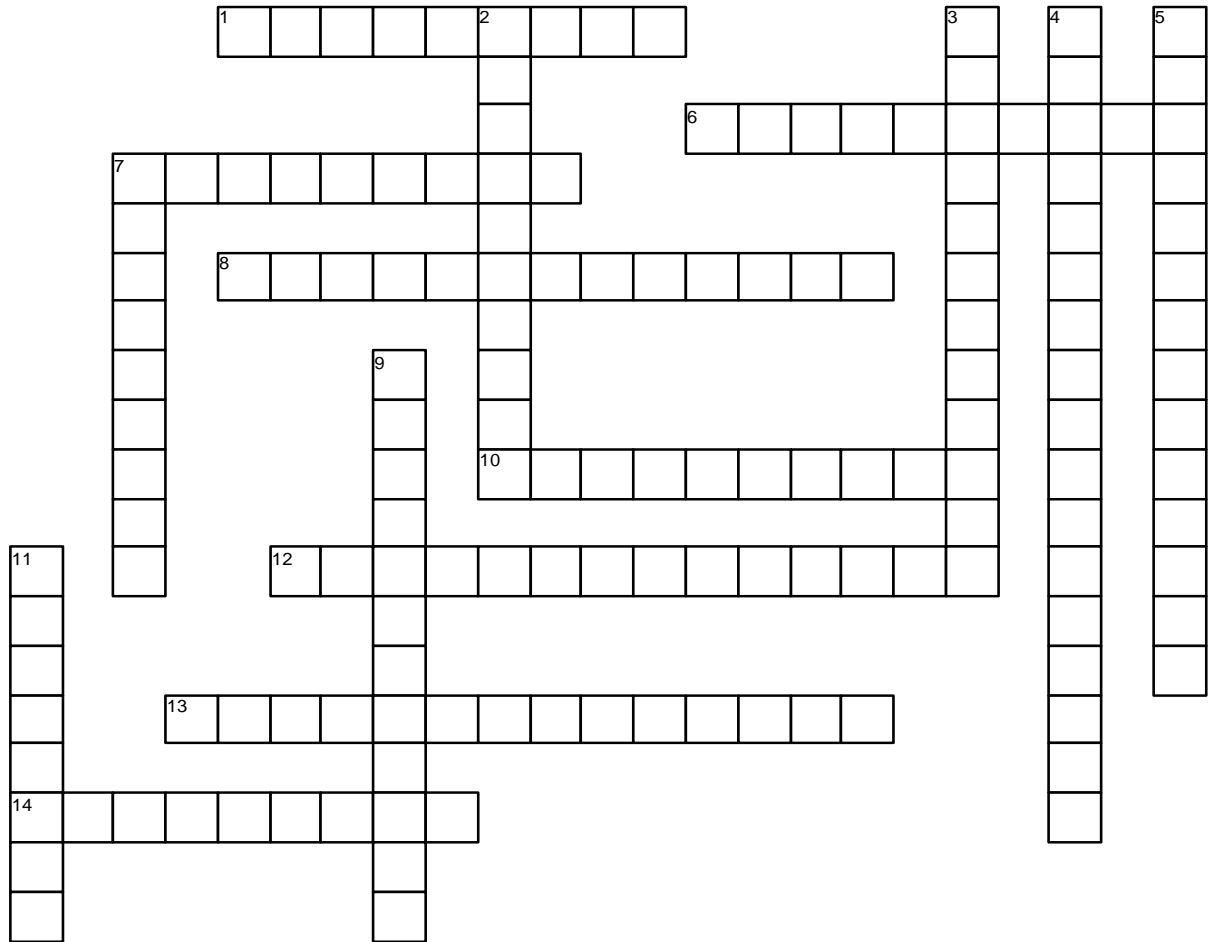


Temperature Sensors

Chapter 31



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ACROSS

- 1 The ____ temperature sensor is a NTC thermistor that can be located in the air cleaner housing.
- 6 A P0117 DTC indicates ECT sensor ____.
- 7 ____ temperature sensors are used on many GM vehicles and are used as an input to the oil life monitoring system.
- 8 Computer-equipped vehicles use an ____ temperature sensor.
- 10 A P0112 DTC indicates IAT sensor ____.
- 12 An IAT installed in the ____ is the most likely to suffer damage due to an engine backfire.
- 13 Toyota engines are equipped with heavy-duty, glass-encapsulated ____ sensors.
- 14 A P0113 DTC indicates ____ high voltage.

DOWN

- 2 Many Ford vehicles that are equipped with an electronic returnless type of fuel injection use an ____ temperature sensor to give the PCM information regarding the temperature and, therefore, the density of the fuel.
- 3 The VW Golf is an example of a vehicle equipped with ____ temperature sensors.
- 4 The ____ temperature sensor is an important sensor for the proper operation of the automatic transmission.
- 5 Some vehicle manufacturers use a ____-__ to effectively broaden the range of the ECT sensor.
- 7 A P0118 DTC indicates ____ high voltage.
- 9 Some engines use a ____-__ temperature sensor to sense the temperature of the air entering the engine, instead of an IAT.
- 11 Sensors that have very high resistance when cold and low resistance when hot are referred to as having a ____ temperature coefficient.