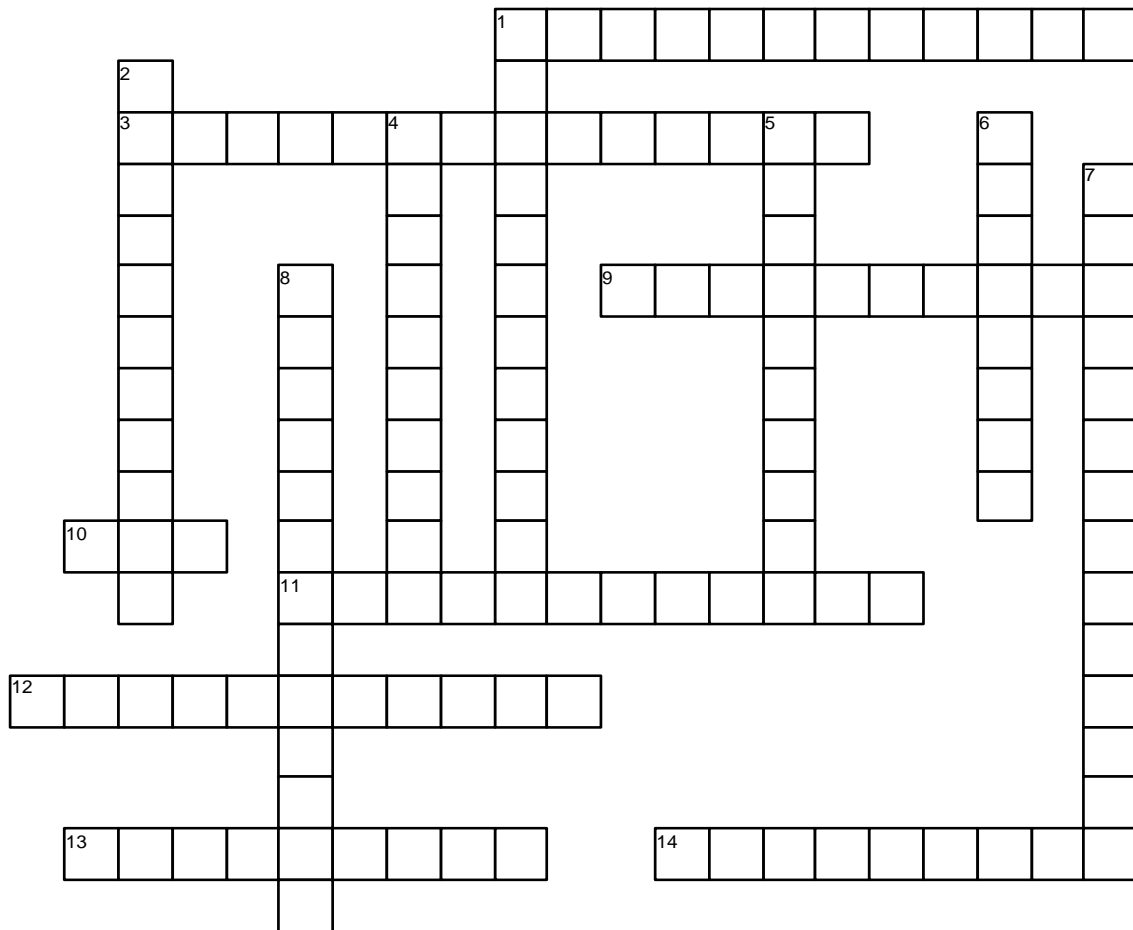


# Temperature Sensors

## Chapter 20



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### ACROSS

- 1 Some engines use a \_\_\_\_\_-\_\_\_\_ temperature sensor to sense the temperature of the air entering the engine, instead of an IAT.
- 3 An IAT installed in the \_\_\_\_\_ is the most likely to suffer damage due to an engine backfire.
- 9 A P0112 DTC indicates IAT sensor \_\_\_\_.
- 10 Toyota engines are equipped with heavy-duty, glass-encapsulated \_\_\_\_ temperature sensors.
- 11 The VW Golf is an example of a vehicle equipped with \_\_\_\_\_ temperature sensors.
- 12 A P0113 DTC indicates IAT sensor \_\_\_\_.
- 13 \_\_\_\_\_ temperature sensors are used on many GM vehicles and are used as an input to the oil life monitoring system.
- 14 The \_\_\_\_\_ temperature sensor is a NTC thermistor that can be located in the air cleaner housing.

### DOWN

- 1 The \_\_\_\_\_ fluid temperature sensor is an important sensor for the proper operation of the automatic transmission.
- 2 A P0118 DTC indicates ECT sensor \_\_\_\_.
- 4 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.
- 5 A P0117 DTC indicates ECT sensor \_\_\_\_.
- 6 Sensors that have very high resistance when cold and low resistance when hot are referred to as having a \_\_\_\_\_ temperature coefficient.
- 7 Some vehicle manufacturers use a \_\_\_\_\_-\_\_\_\_ to effectively broaden the range of the ECT sensor.
- 8 Computer-equipped vehicles use an \_\_\_\_\_ temperature sensor.