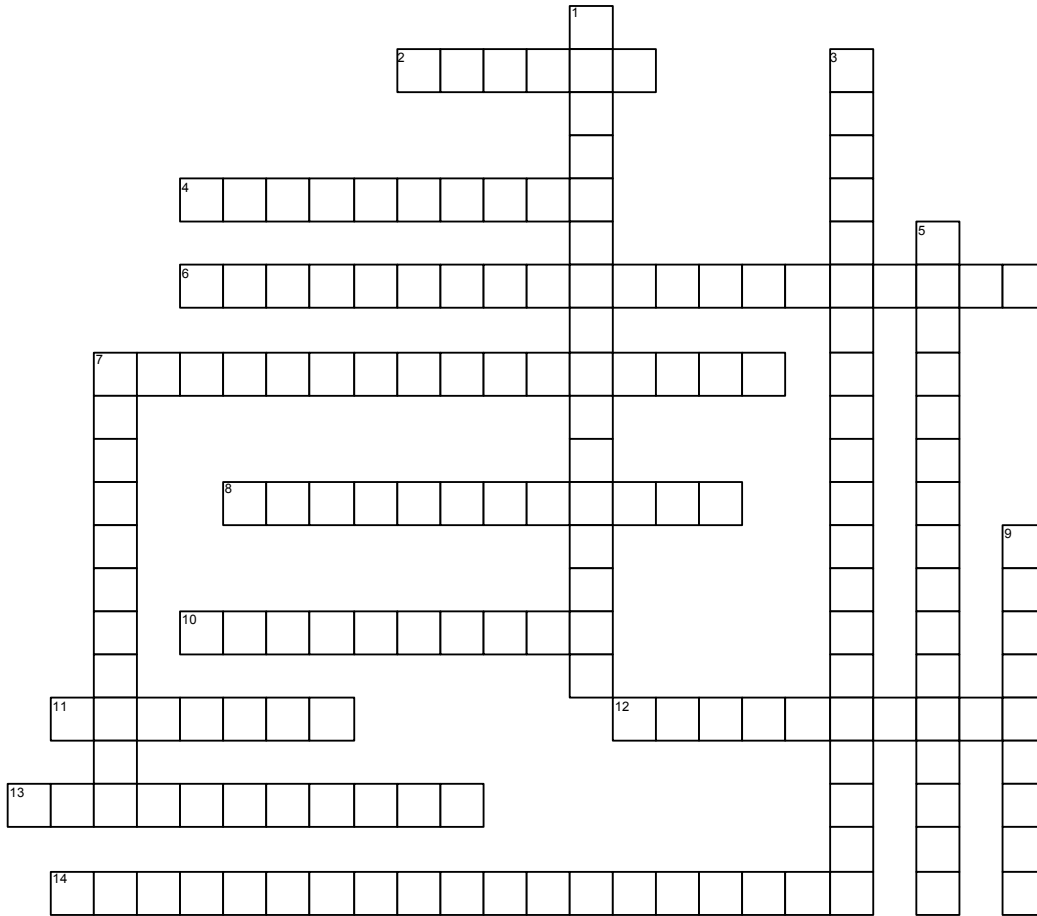


# MAP/BARO Sensors

## Chapter 30



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### ACROSS

- 2 A low pressure within the engine is called \_\_\_\_\_.
- 4 A \_\_\_\_\_ is similar to a MAP sensor, but senses more subtle changes in barometric absolute pressure.
- 6 The difference in pressure between two areas is called a \_\_\_\_\_.
- 7 A \_\_\_\_\_-\_\_\_\_\_ is a type of MAP sensor used by Ford which uses two ceramic plates with an insulating washer spacer in the center to create a capacitor.
- 8 The MAP sensor is used on a \_\_\_\_\_-type fuel-injection system to determine the load on the engine, and therefore the amount of fuel needed.
- 10 The \_\_\_\_\_ is actually a combination of a BARO and MAP sensor in the same housing.
- 11 Think of an internal combustion engine as a big \_\_\_\_\_.
- 12 If it is green, it is a \_\_\_\_\_.
- 13 Use the MAP sensor as a \_\_\_\_\_ during diagnostics.
- 14 A P0107 DTC would indicate \_\_\_\_\_.

### DOWN

- 1 A \_\_\_\_\_ sensor is used on some vehicles such as Fords that are equipped with electronic returnless fuel injection.
- 3 A P0108 DTC would indicate \_\_\_\_\_.
- 5 There are four resistors attached to the silicon wafer, which changes in resistance when strain is applied to the wafer, this change in resistance is called \_\_\_\_\_.
- 7 A \_\_\_\_\_ MAP sensor is used by Chrysler and it converts manifold pressure into a capacitance discharge.
- 9 The \_\_\_\_\_ may be a ceramic capacitor diaphragm, an aneroid bellows, or a piezoresistive crystal.