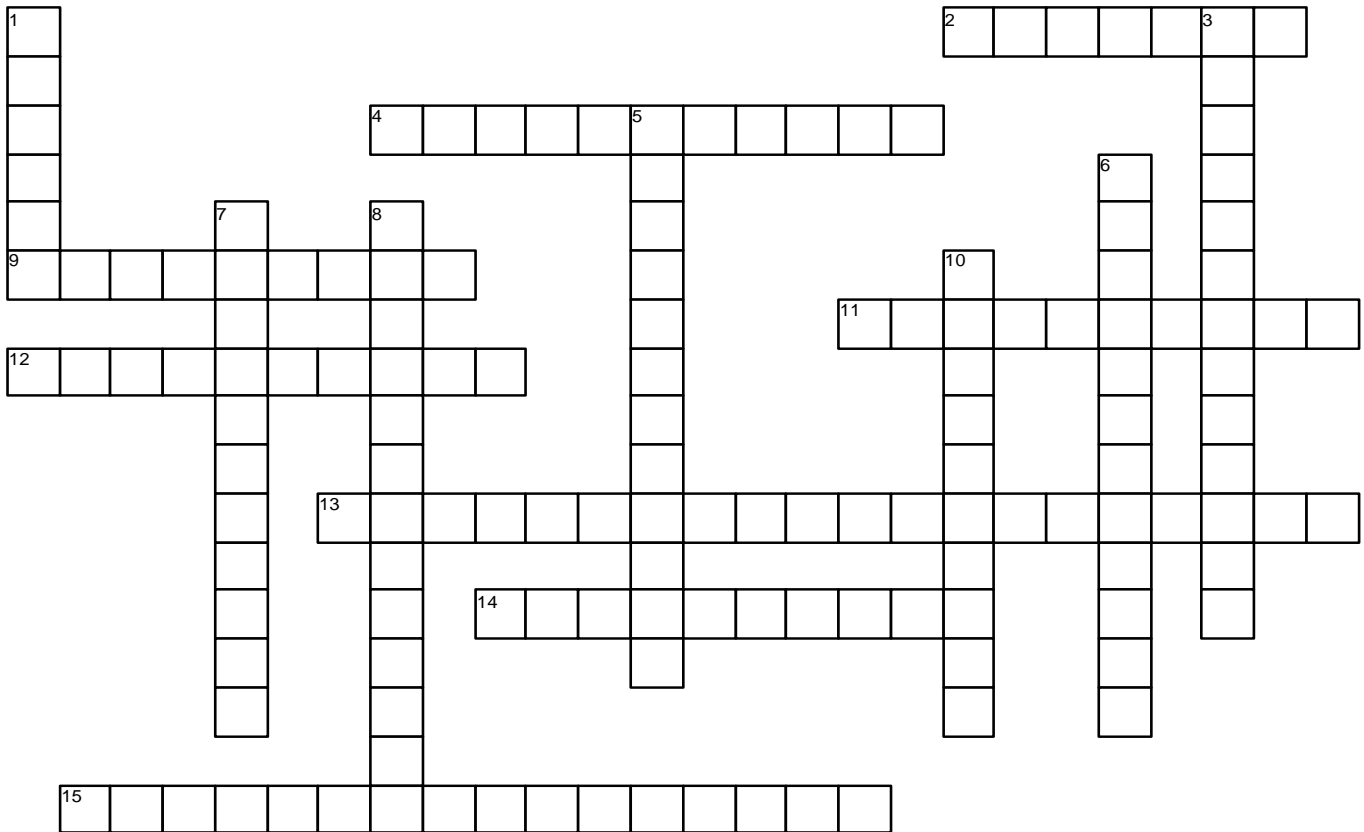


MAP/BARO Sensors

Chapter 76



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ACROSS

- 2 Think of an internal combustion engine as a big ____.
- 4 Use the MAP sensor as a _____ during diagnostics.
- 9 The _____ may be a ceramic capacitor diaphragm, an aneroid bellows, or a piezoresistive crystal.
- 11 The _____ is actually a combination of a BARO and MAP sensor in the same housing.
- 12 If it is green, it is a _____.
- 13 The difference in pressure between two areas is called a _____.
- 14 A _____ is similar to a MAP sensor, but senses more subtle changes in barometric absolute pressure.
- 15 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 _____.

DOWN

- 1 A low pressure within the engine is called _____.
- 3 A P0108 DTC would indicate _____ voltage.
- 5 A P0107 DTC would indicate _____ voltage.
- 6 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.
- 7 A _____ MAP sensor is used by Chrysler and it converts manifold pressure into a capacitance discharge.
- 8 The PCM is able to _____ condition to detect the gradual change in vacuum and is able to keep the air-fuel mixture in the correct range.
- 10 _____ pressure and altitude are inversely related.