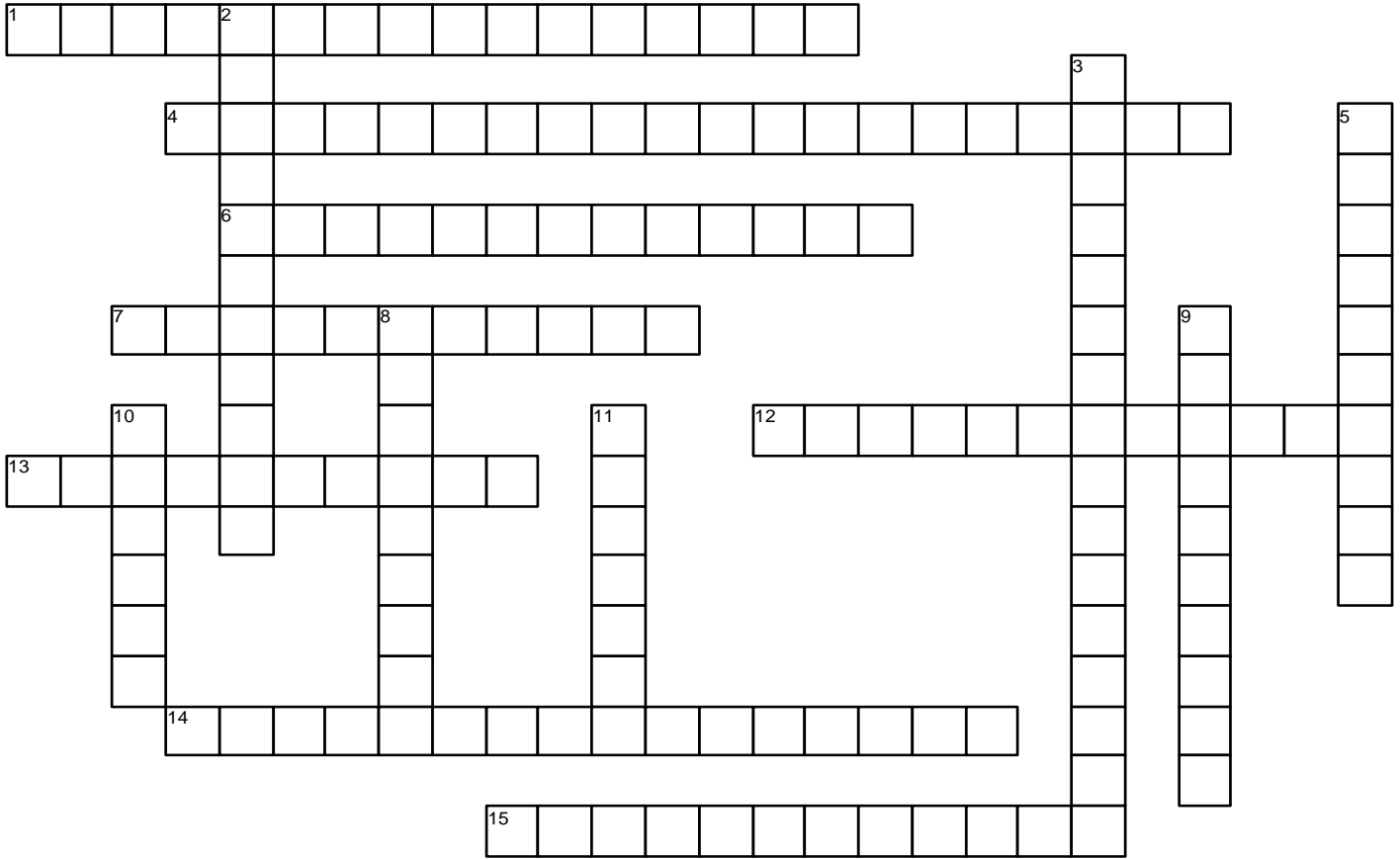


MAP/BARO Sensors

Chapter 33



<http://jameshalderman.com>

ACROSS

- 1 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.
- 4 The difference in pressure between two areas is called a _____.
- 6 A P0108 DTC would indicate _____ voltage.
- 7 Use the MAP sensor as a _____ during diagnostics.
- 12 A P0107 DTC would indicate _____ voltage.
- 13 The _____ is actually a combination of a BARO and MAP sensor in the same housing.
- 14 A _____ sensor is used on some vehicles such as Fords that are equipped with electronic returnless fuel injection.
- 15 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.

DOWN

- 2 A _____ MAP sensor is used by Chrysler and it converts manifold pressure into a capacitance discharge.
- 3 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 _____.
- 5 If it is green, it is a _____.
- 8 The _____ may be a ceramic capacitor diaphragm, an aneroid bellows, or a piezoresistive crystal.
- 9 A _____ is similar to a MAP sensor, but senses more subtle changes in barometric absolute pressure.
- 10 A low pressure within the engine is called _____.
- 11 Think of an internal combustion engine as a big _____.