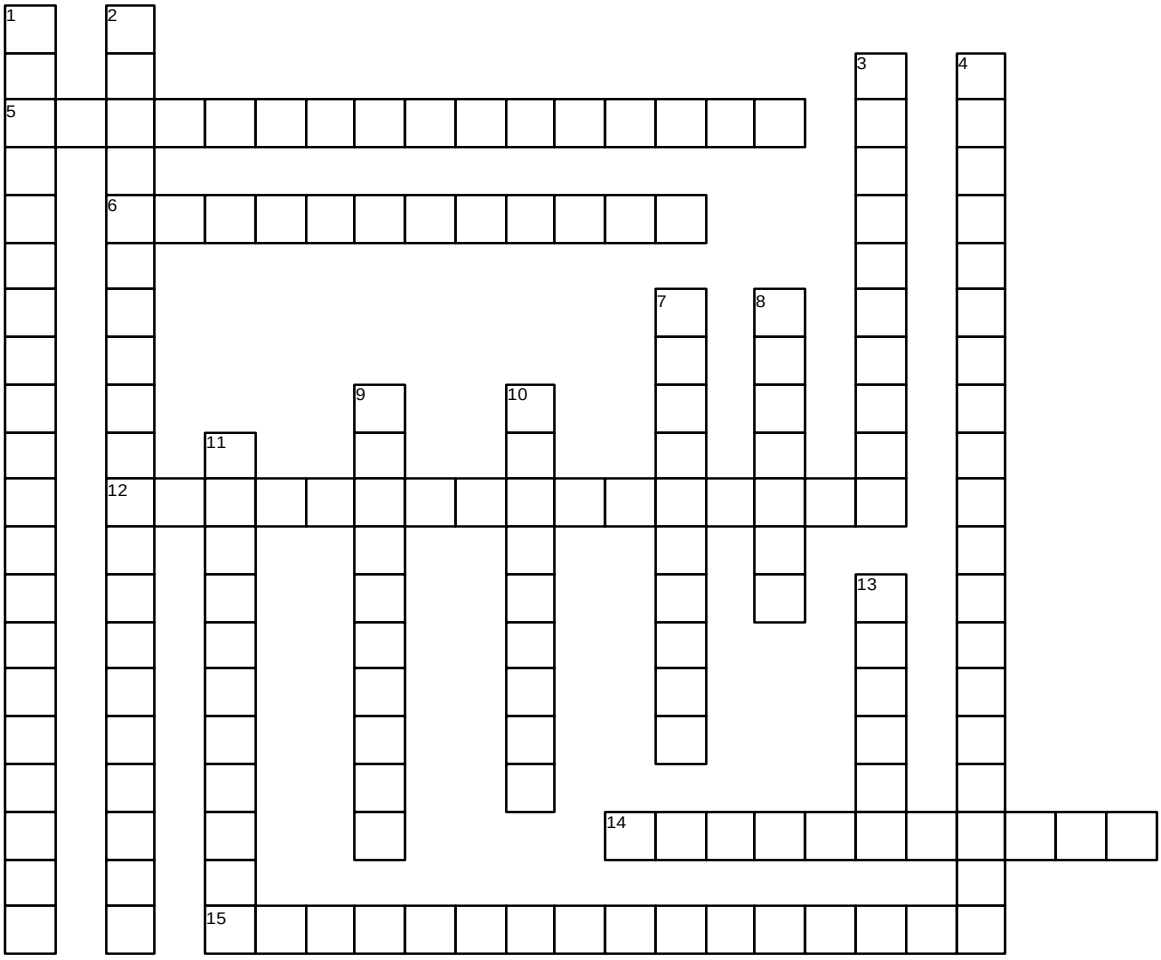
MAP/BARO Sensors

Chapter 22



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ACROSS

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 _____.

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.

12 A ____-____ _____ sensor is used on some vehicles such as Fords that are equipped with electronic returnless fuel injection.

14 Use the MAP sensor as a _____ _____ during diagnostics.

15 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.

DOWN

1 A P0108 DTC would indicate ___ _____ ____ _____.

2 The difference in pressure between two areas is called a _____ _____.

3 If it is green, it is a _____ ____.

4 A P0107 DTC would indicate ___ _____ ___ _____.

7 A ____ _____ is similar to a MAP sensor, but senses more subtle changes in barometric absolute pressure.

8 Think of an internal combustion engine as a big ___ ____.

9 The ____ _____ is actually a combination of a BARO and MAP sensor in the same hosing.

10 The ___ _____ may be a ceramic capacitor diaphragm, an aneroid bellows, or a piezoresistive crystal.

11 A _____ ____ MAP sensor is used by Chrysler and it converts manifold pressure into a capacitance discharge.

13 A low pressure within the engine is called _____.