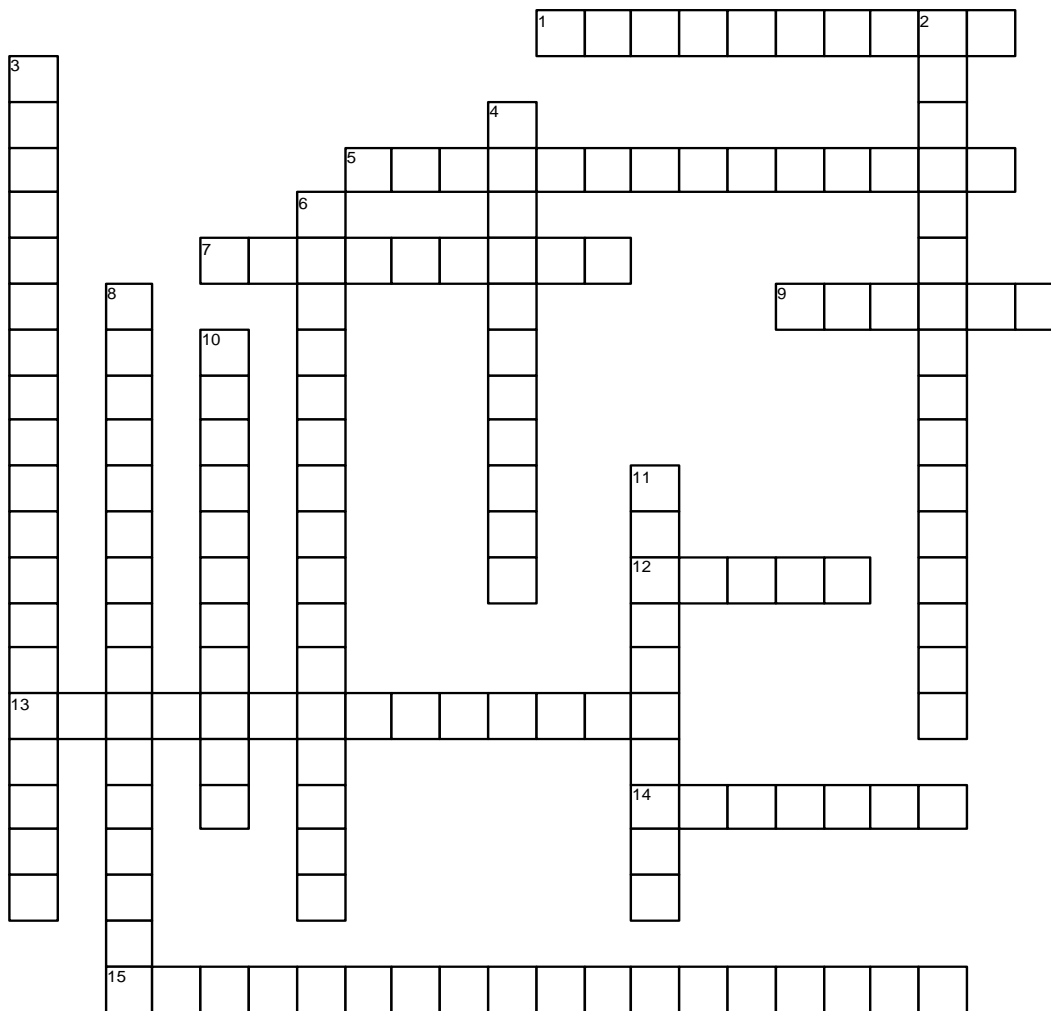


Ignition System Operation and Diagnosis

Chapter 14



<http://jameshalderman.com>

ACROSS

- 1 Pickup coil _____ is usually between 150 and 1,500 ohms.
- 5 _____ will not operate if dirty or covered in oil.
- 7 The _____ is a short horizontal line connected to the firing line.
- 9 The spark line voltage is called the _____.
- 12 The _____ is the length of the threaded part of the spark plug.
- 13 _____ refers to when the spark plug fires in relation to piston position.
- 14 _____ is a white precious metal and is the most corrosion-resistant metal known.
- 15 _____ have a small amount of precious metal platinum included onto the end of the center electrode, as well as on the ground or side electrode.

DOWN

- 2 The _____ is one of the two most important parameters of the ignition circuit.
- 3 The _____ is one of the two most important parameters of the ignition circuit.
- 4 _____ is the order that the spark is distributed to the correct spark plug at the right time.
- 6 A _____ is an excellent diagnostic tool to help find an intermittent engine misfire caused by a break in a secondary ignition circuit component.
- 8 _____ means that the scope will sweep only that portion of the pattern that can be shown during a 5 ms or 25 ms setting.
- 10 A _____ is used to check for secondary voltage out of the ignition coil or to the spark plugs.
- 11 The height of the _____ should be between 5,000 and 15,000 volts.