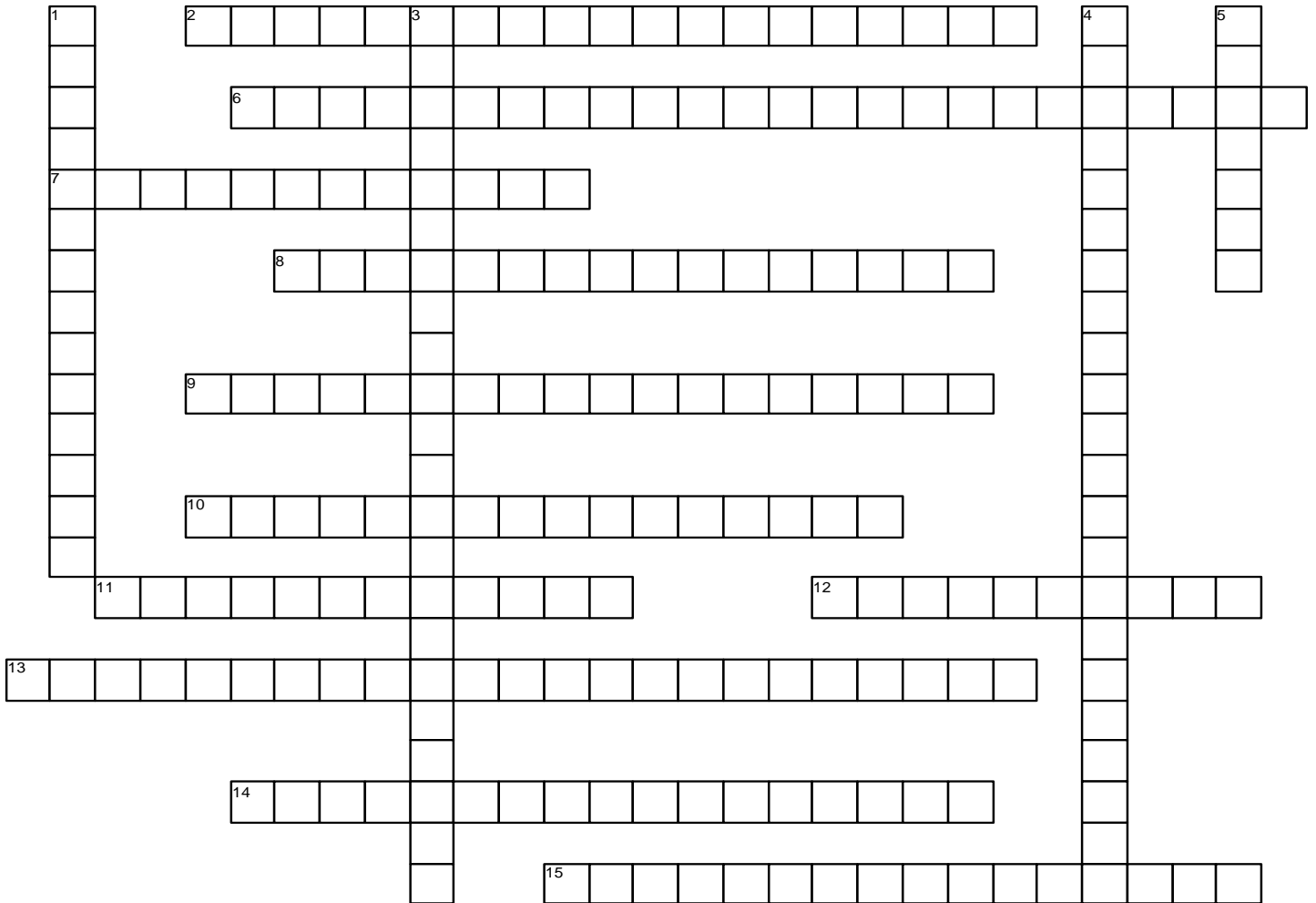


Engine and Misfire Diagnosis

Chapter 8



<http://jameshalderman.com>

ACROSS

- 2 The _____ involves injecting air under pressure into the cylinders one at a time.
- 6 A _____ is an automated test that a scan tool performs by turning a fuel injector off to one cylinder at a time and monitors the drop, or increase in engine speed.
- 7 The color of engine _____ can indicate what type of engine problem might exist.
- 8 The noise of a _____ is often mistaken for a rod or main bearing noise.
- 9 If the compression test reading indicates low compression on one or more cylinders, add three squirts of oil to the cylinder and retest, this is called a _____.
- 10 A _____ sound can vary in intensity and may disappear at times depending on engine load.
- 11 If the exhaust system is restricted, _____ increases in the exhaust system.
- 12 A _____ is usually caused by an undersized or improperly shaped piston or oversized cylinder bore.

- 13 An engine _____ is one of the fundamental engine diagnostic tests that can be performed.
- 14 A _____ can often be detected by grounding out the spark plugs one cylinder at a time.
- 15 The purpose of a cylinder _____ is to determine if all cylinders are contributing power equally.

DOWN

- 1 This can happen because of lack of oil to the lifters.
- 3 Another name for a running compression test is a _____.
- 4 A _____ is used to test the engine for valve train-related faults that do not show up during a cranking compression test.
- 5 An engine _____ is when a cylinder does not fire or fire well enough to contribute to the operation of the engine.