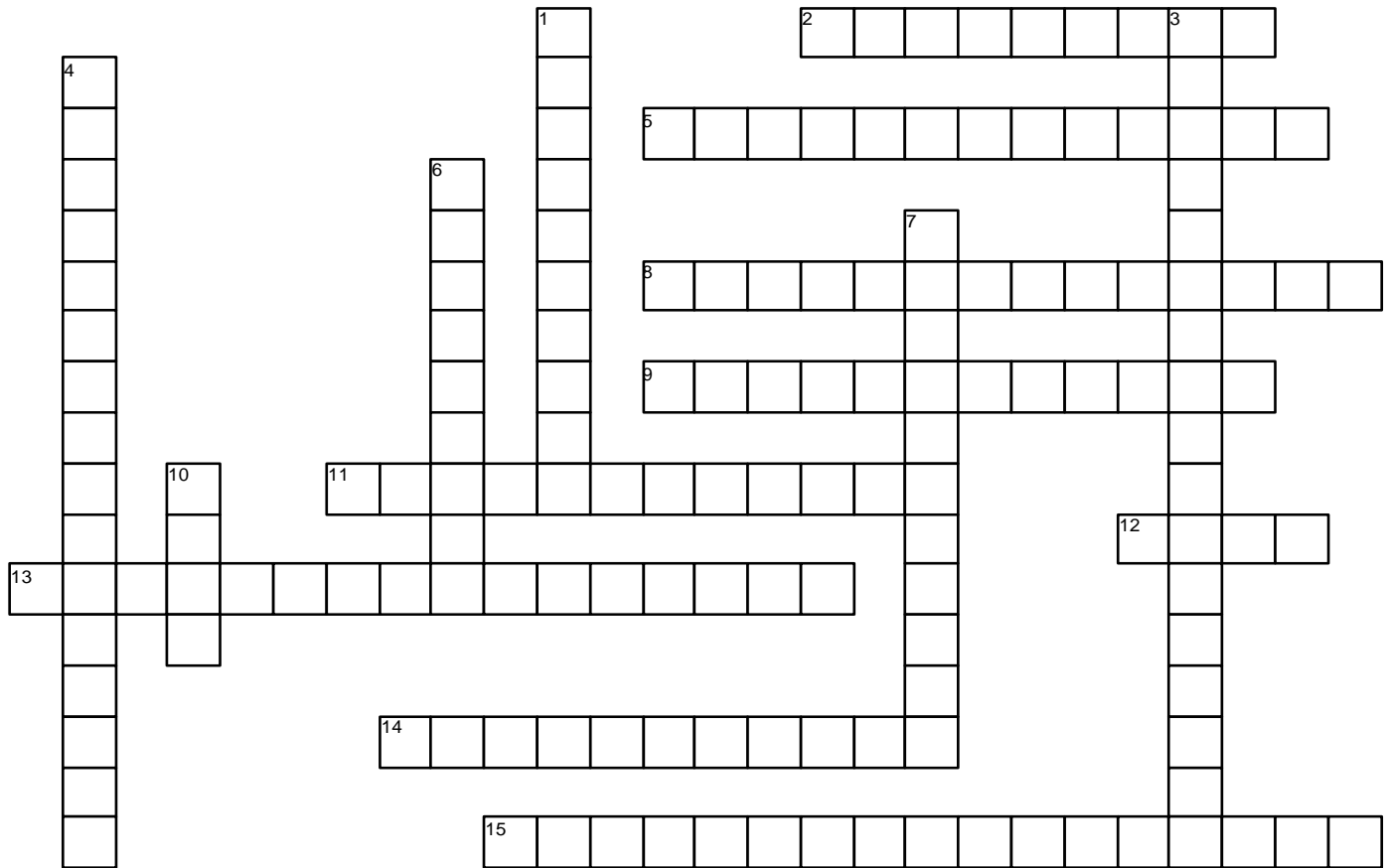


Scan Tools And Engine Performance Diagnosis

Chapter 33



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ACROSS

- 2 For the _____, hold a piece of paper within 1 inch of the tailpipe.
- 5 Step six of the diagnostic process is to _____ to system or cylinder.
- 8 With the ignition _____, watch the voltmeter pulses, which should appear within 5 to 30 seconds.
- 9 Step five of the diagnostic process is to look at _____.
- 11 Connecting the outlet of the _____ to the hose that was removed from the vacuum brake booster allows smoke to enter the intake manifold.
- 12 Step three of the diagnostic process is to retrieve _____.
- 13 Step one of the diagnostic process is to _____.
- 14 Any code that is displayed on a scan tool when the MIL is not on is called a _____.
- 15 Vehicle manufacturers have been giving the technician more and more data on a scan tool connected to the _____.

DOWN

- 1 The _____ is different for each vehicle manufacturer but a universal one may work in many cases.
- 3 The best tool to use during troubleshooting of a Ford vehicle is a _____ readout tester or other scan tool with Ford Capabilities.
- 4 Step four of the diagnostic process is to check for _____ bulletins.
- 6 Most GM DTCs can be retrieved by using a metal tool and connecting terminals A and B of the DLC, this method is called _____ retrieval.
- 7 During the _____ running self-test, the sensors are checked by the computer under actual operating conditions and the output devices are operated and checked for expected results.
- 10 A _____ is defined as an engine-operating drive cycle that contains the necessary conditions for a particular test to be performed.