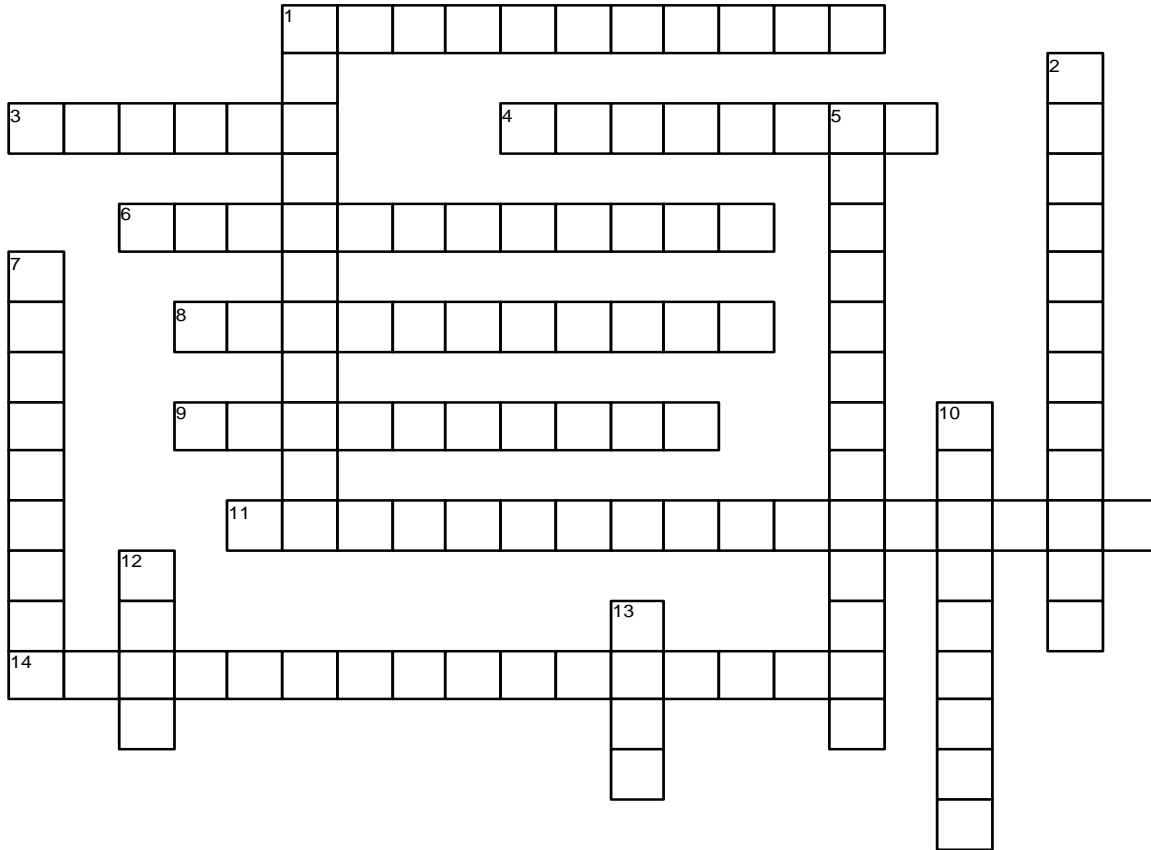


Scan Tools And Engine Performance Diagnosis

Chapter 44



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ACROSS

- 1 With the ignition ____ off, watch the voltmeter pulses, which should appear within 5 to 30 seconds.
- 3 Step one of the diagnostic process is to _____ the problem.
- 4 Vehicle manufacturers have been giving the technician more and more data on a scan tool connected to the ____ connector.
- 6 Step five of the diagnostic process is to look at _____.
- 8 Any code that is displayed on a scan tool when the MIL is not on is called a _____.
- 9 The _____ is different for each vehicle manufacturer but a universal one may work in many cases.
- 11 The best tool to use during troubleshooting of a Ford vehicle is a ____-_____ readout tester or other scan tool with Ford Capabilities.
- 14 Step four of the diagnostic process is to check for _____ bulletins.

DOWN

- 1 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.
- 2 Connecting the outlet of the _____ to the hose that was removed from the vacuum brake booster allows smoke to enter the intake manifold.
- 5 Step six of the diagnostic process is to _____ to system or cylinder.
- 7 For the _____, hold a piece of paper within 1 inch of the tailpipe.
- 10 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.
- 12 Step three of the diagnostic process is to retrieve _____.
- 13 A ____ is defined as an engine-operating drive cycle that contains the necessary conditions for a particular test to be performed.