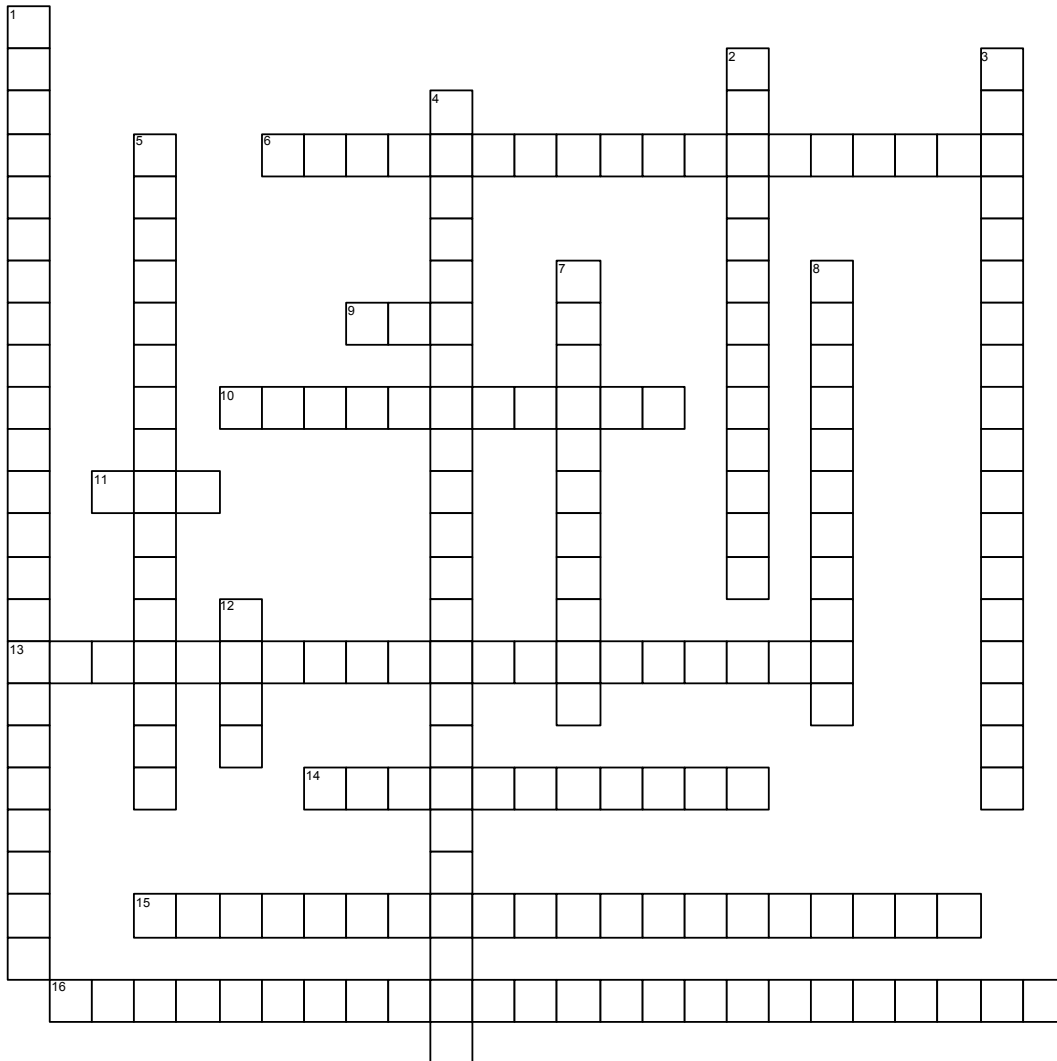


Onboard Diagnosis

Chapter 87



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ACROSS

- 6 Early _____ systems were meant to reduce emissions and speed up vehicle repair.
- 9 Every OBD-II scan tool will be able to read all generic _____ DTCs from any vehicle.
- 10 Record a _____, which is a snapshot of important engine data at the time the DTC was set.
- 11 The _____ watches the sensors and actuators in the OBD-II system.
- 13 All new vehicles must pass the _____ for exhaust emissions while being tested for 1874 seconds on dynamometer rollers that simulate the urban drive cycle around downtown Los Angeles.
- 14 OBD-II requires that inputs from powertrain components to the PCM be tested for _____.
- 15 On OBD-II systems, the PCM incorporates a special segment of software, on Ford and GM systems, this software is called the _____.
- 16 An instrument panel warning lamp able to alert the driver of certain control system failures, now called a _____.

DOWN

- 1 Hexadecimal coding is also used to identify _____.
- 2 OBD-II requires that outputs to powertrain components from the PCM be tested for _____.

- 3 Hexadecimal coding is also used to identify _____.
- 4 Mode one of operation is _____.
- 5 _____ are a set of conditions that must be met before the task manager will give the go-ahead for each monitor to run.
- 7 The _____ is a mathematical method used to determine performance.
- 8 On OBD-II systems, the PCM incorporates a special segment of software, on Chrysler systems, this software is called _____.
- 12 The _____ developed the first regulation requiring manufacturers selling vehicles in that state to install OBD. □