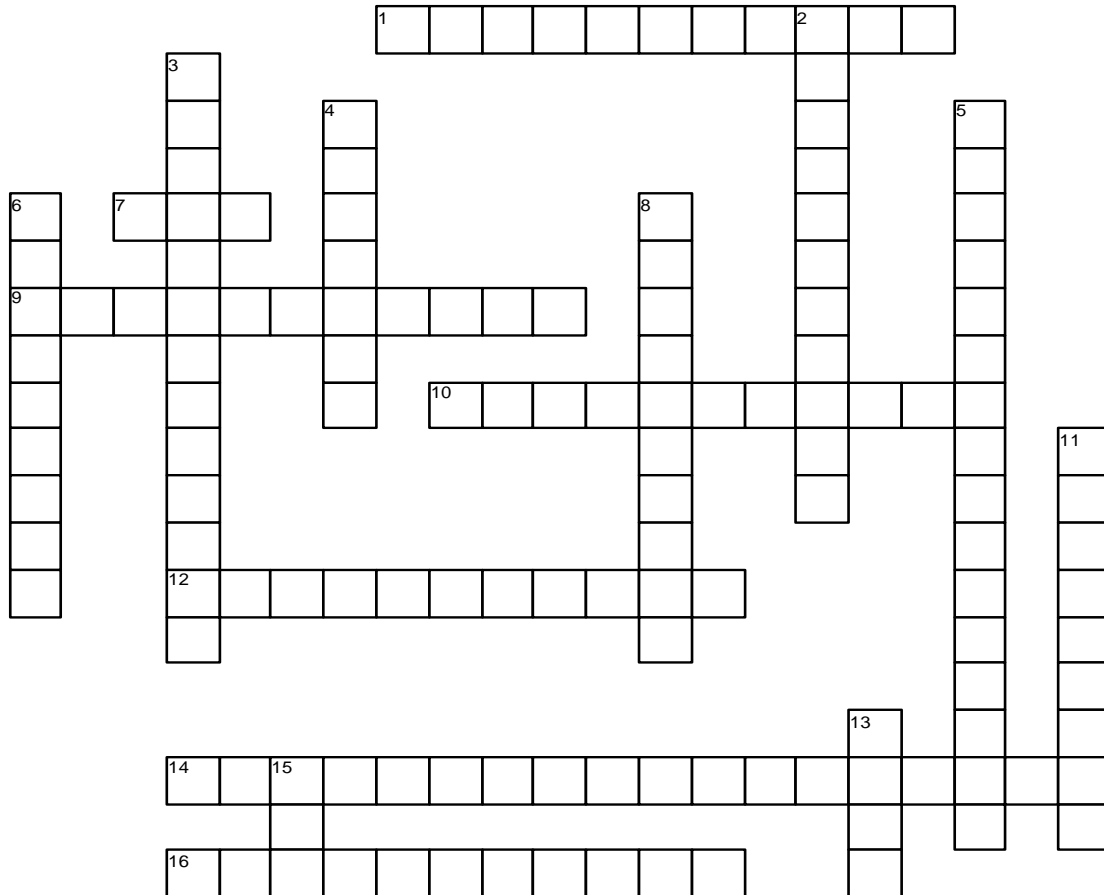


Onboard Diagnosis

Chapter 43



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ACROSS

- All new vehicles must pass the _____ procedure for exhaust emissions while being tested for 1874 seconds on dynamometer rollers that simulate the urban drive cycle around downtown Los Angeles.
- The _____ watches the sensors and actuators in the OBD-II system.
- OBD-II requires that inputs from powertrain components to the PCM be tested for _____.
- An instrument panel warning lamp able to alert the driver of certain control system failures, now called a _____ indicator lamp.
- On OBD-II systems, the PCM incorporates a special segment of software, on Chrysler systems, this software is called _____.
- Hexadecimal coding is also used to identify _____.
- Record a _____-_____, which is a snapshot of important engine data at the time the DTC was set.

DOWN

- The _____ is a mathematical method used to determine performance.
- OBD-II requires that outputs to powertrain components from the PCM be tested for _____.
- Early _____ diagnostic systems were meant to reduce emissions and speed up vehicle repair.
- _____ are a set of conditions that must be met before the task manager will give the go-ahead for each monitor to run.
- Mode one of operation is _____ identification.
- On OBD-II systems, the PCM incorporates a special segment of software, on Ford and GM systems, this software is called the diagnostic _____.
- Hexadecimal coding is also used to identify _____ identification.
- The _____ developed the first regulation requiring manufacturers selling vehicles in that state to install OBD.
- Every OBD-II scan tool will be able to read all generic _____ DTCs from any vehicle.