Onboard Diagnosis
Chapter 10

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.