Evaporative Emission Control Systems
Chapter 25

ACROSS

3 Many __________ _______ _____ are set because the gas cap has not been properly installed.
4 Many vehicles use a vacuum operated __________ ______ as part of the evaporative control system diagnosis equipment.
6 By a process called __________, the fuel vapor molecules adhere to the carbon surface.
8 The fuel tank __________ used on vehicles with modern EVAP systems are a special design.
10 The canister __________ is normally closed and is pulsed open by the PCM during purging.
11 The ____ system includes the charcoal canister, hoses, and valves.
13 Most purge valves are pulsed on and off to better control the amount of _____ being drawn into the intake manifold.
14 Another name for the canister purge valve is the __________ ________.
15 A leak in a ______-______ can result in engine vacuum drawing in a constant flow of gasoline vapors from the fuel tank.

DOWN

1 Activated _________ is an effective vapor trap because of its great surface area.
2 A ______-________ sensor monitors the rate with which vacuum increases in the system.
5 The primary feature of most ____ systems is the restricted tank filler tube, which is about 1 inch (25 mm) in diameter.
7 Pressures can build inside the fuel system and are usually measured in units of inches of _____.
9 The canister _________ is a normally open valve and is closed only when commanded by the PCM during testing of the system.
12 The purpose of the evaporative emission control system is to trap and hold gasoline vapors, also called ____.