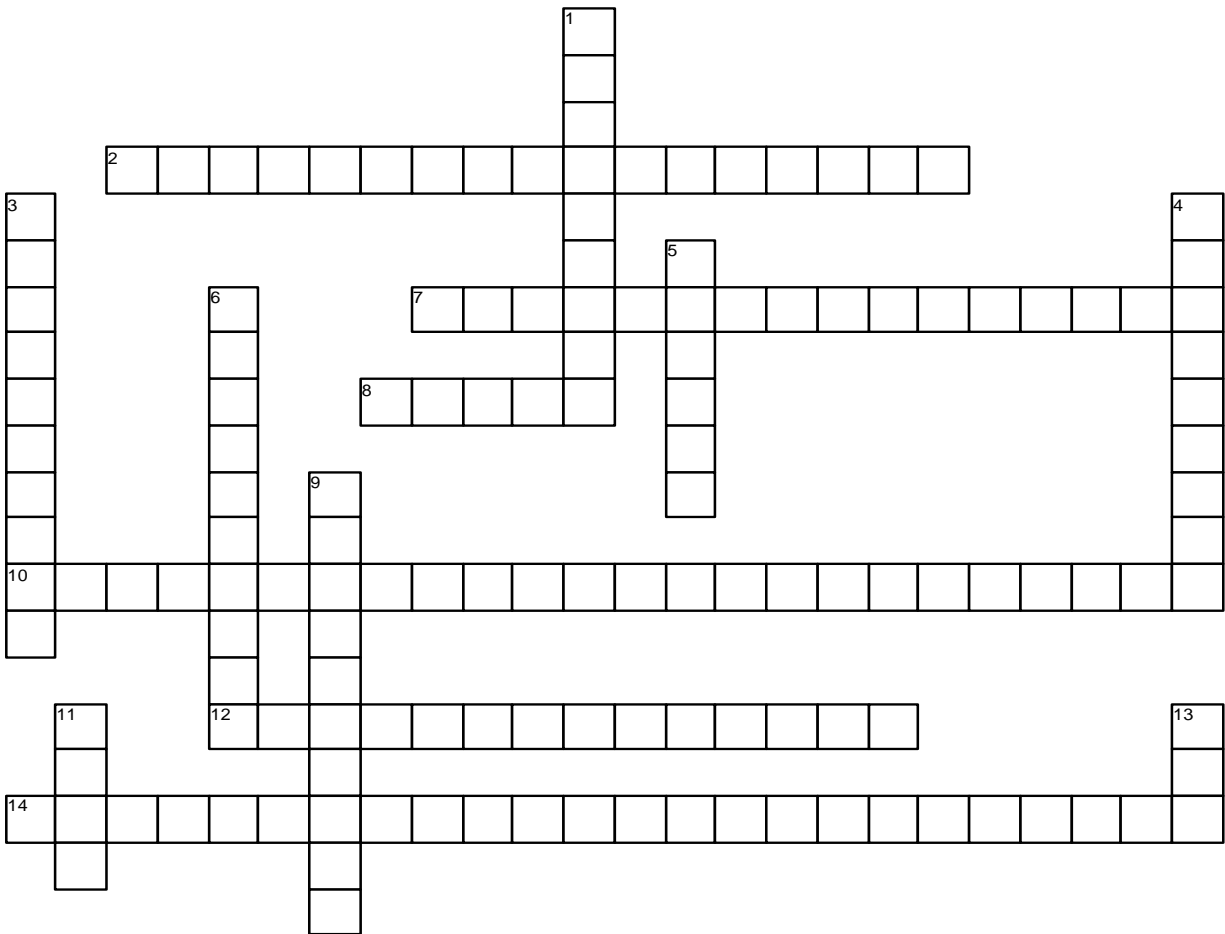


Evaporative Emission Control Systems

Chapter 85



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ACROSS

- 2 Many vehicles use a vacuum operated _____ as part of the evaporative control system diagnosis equipment.
- 7 A _____ sensor monitors the rate with which vacuum increases in the system.
- 8 The most efficient method of leak detection is to introduce _____ under low pressure from a machine specifically designed for this purpose.
- 10 The purpose of the evaporative emission control system is to trap and hold gasoline vapors, also called _____.
- 12 The canister purge solenoid is _____.
- 14 The _____ includes the charcoal canister, hoses, and valves.

DOWN

- 1 The canister _____ is a normally open valve and is closed only when commanded by the PCM during testing of the system.
- 3 The canister _____ is normally closed and is pulsed open by the PCM during purging.
- 4 _____ can build inside the fuel system and are usually measured in units of inches of water.
- 5 With a computer-controlled purge, the PCM controls when the canister purges on most engines. This is done by an electric _____ solenoid and one more purge valves.
- 6 By a process called _____, the fuel vapor molecules adhere to the carbon surface.
- 9 The fuel tank _____ used on vehicles with modern EVAP systems use a special design.
- 11 The _____ system was first introduced in some 1998 vehicles.
- 13 On some vehicles, the _____ also has the capability of monitoring the integrity of the purge solenoid and circuit.