ACROSS

1. The purpose of the evaporative emission control system is to trap and hold gasoline vapors, also called ________________.

3. The fuel tank _______ used on vehicles with modern EVAP systems use a special design.

5. By a process called ____________, the fuel vapor molecules adhere to the carbon surface.

9. The ______________ includes the charcoal canister, hoses, and valves.

10. A ______________ sensor monitors the rate with which vacuum increases in the system.

12. The canister purge solenoid is ______________.

13. A leak in a __________-__________ can result in engine vacuum drawing in a constant flow of gasoline line vapors from the fuel tank.

14. The canister _______ is normally closed and is pulsed open by the PCM during purging.

DOWN

1. The canister _________ is a normally open valve and is closed only when commanded by the PCM during testing of the system.

2. ________ can build inside the fuel system and are usually measured in units of inches of water.

4. Many vehicles use a vacuum operated _______ _______ as part of the evaporative control system diagnosis equipment.

6. On some vehicles, the ___ also has the capability of monitoring the integrity of the purge solenoid and circuit.

7. The most efficient method of leak detection is to introduce ______ under low pressure from a machine specifically designed for this purpose.

8. The ___ system was first introduced in some 1998 vehicles.

11. When pressure or ______ exceeds a calibrated value, the valve opens.