

Name _____

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

1) What components are used in a typical evaporative emission control system?

2) What are the parameters (enable criteria) that must be met for the evaporative system monitor to run?

3) Why is the vent valve subject to rust and corrosion?

4) What is the difference between an enhanced and nonenhanced evaporative control system?

5) How does the computer control the purging of the vapor canister?

Answer Key

Testname: SHORT 85

- 1) The components in a typical evaporative emission control system include the carbon canister, purge valve, vent valve, and connecting hoses and connections.
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- 2) The enable criteria include:
 1. Cold start
 2. BARO greater than 20.7 in. Hg
 3. ECT between 39°F and 86°F at engine start
 4. Fuel level within 15% and 85%
 5. TP sensor between 9% and 35%Page Ref: 992
- 3) The vent valve is subject to rust and corruptions because it usually located under the vehicle and is exposed to the elements.
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- 4) Nonenhanced EVAP systems are not capable of detecting leaks in the system, whereas enhanced systems are able to detect leaks in the system.
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- 5) The computer controls the purging of the vapor canister by turning on and off the purge solenoid.
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