

Automotive Technology 7th Edition
Chapter 62: Air Management System
Short Answer Quiz

Name: _____

Date: _____

1. Explain the difference between a blend-air system and a reheat system in terms of air cooling and reheating.

2. Describe the purpose and function of the HVAC control head or panel and its typical controls.

3. What are the three major portions of the A/C and heat system, and how do they function in air distribution?

4. Discuss the significance and function of the cabin filter in the air distribution system. What are the different names by which it can be referred to?

5. Differentiate between particle filters and adsorption filters used as cabin filters. What are their primary functions?

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6. Describe the construction and components of the evaporator and heater housing in the HVAC system.

7. How does the dual-zone air distribution system function, and what advantages does it offer to the driver and passenger?

8. Explain the operation and significance of two-wire, three-wire, and five-wire actuators in the HVAC system.

9. Describe the role of the air inlet door, temperature-blend door, and mode door in controlling airflow in the HVAC system.

10. Discuss the significance of directing airflow to the side windows in the HVAC system. Why is this feature important?
