

Name _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) Setting the A/C controls to "MAX A/C" causes the system to _____. 1) _____
 - A) recirculate in-vehicle air
 - B) heat and then cool in-vehicle air
 - C) alternate between inside and outside air intake
 - D) Any of these, depending on the vehicle

- 2) When the blower control is set on "HIGH" the blower motor receives full battery voltage through a(n) _____. 2) _____
 - A) high speed resistor
 - B) relay
 - C) solenoid
 - D) clamp connector

- 3) Cabin filters remove dust and pollen from the _____ airstream. 3) _____
 - A) recirculated
 - B) incoming
 - C) floor
 - D) dash

- 4) The blower motor resistors are mounted in the _____ to help cool the resistors. 4) _____
 - A) squirrel cage
 - B) duct
 - C) motor brushes
 - D) heater core

- 5) A blower motor works on all speeds except high. Technician A says that the high speed relay may be faulty. Technician B says that the blower motor should be replaced. Which technician is correct? 5) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

- 6) The air inlet control door is also called a _____. 6) _____
 - A) fresh air door
 - B) recirculation door
 - C) outside air door
 - D) Any of the above

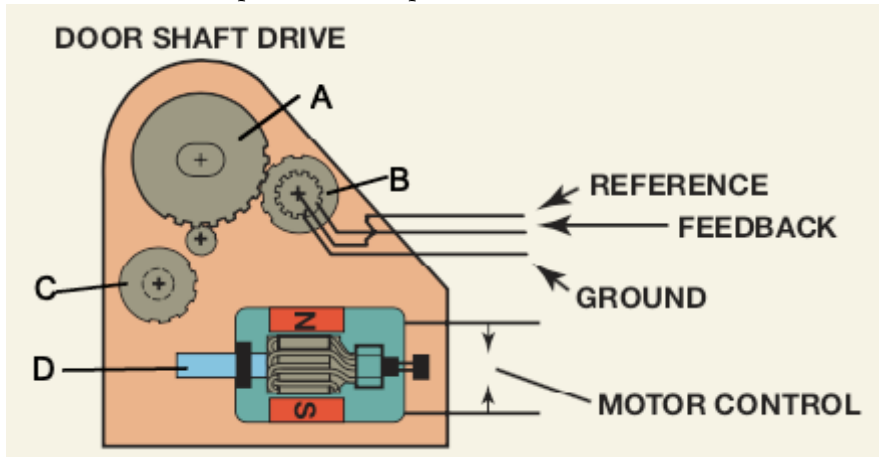
- 7) Most recent HVAC actuators are recalibrated after replacement by _____. 7) _____
 - A) using a battery and jumper wires
 - B) using a scan tool or allow it to self-learn after being installed
 - C) turning the ignition switch to the off position
 - D) None of the above

8) A typical blower motor draws _____ on high speed.

- A) 5 to 7 amperes
- B) 12 amperes
- C) 20 to 25 amperes
- D) 30 to 40 amperes

8) _____

9) Which of these components is the potentiometer?



9) _____

- A) A
- B) B
- C) C
- D) D

10) In heating mode, where is the airflow directed?

- A) Dash vents
- B) Floor
- C) Mirrors
- D) None of these

10) _____

Answer Key

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1) A

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2) B

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3) B

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4) B

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5) A

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6) D

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7) B

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8) B

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9) B

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10) B

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