

Name _____

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

- 1) What color are the airbag connectors and conduit? 1) _____
 - A) Blue
 - B) Red
 - C) Yellow
 - D) Orange

- 2) Technician A says that a deployed airbag can be repacked, reused, and reinstalled in the vehicle. Technician B says that a deployed airbag should be discarded and replaced with an entire new assembly. Who is right? 2) _____
 - A) A only
 - B) B only
 - C) Both A and B
 - D) Neither A nor B

- 3) Before the airbag can inflate, the squib circuit must have a ground. The ground is provided through the actuation of which of these? 3) _____
 - A) Forward discriminating sensor
 - B) Passenger discriminating sensor
 - C) Either A or B
 - D) Arming switch

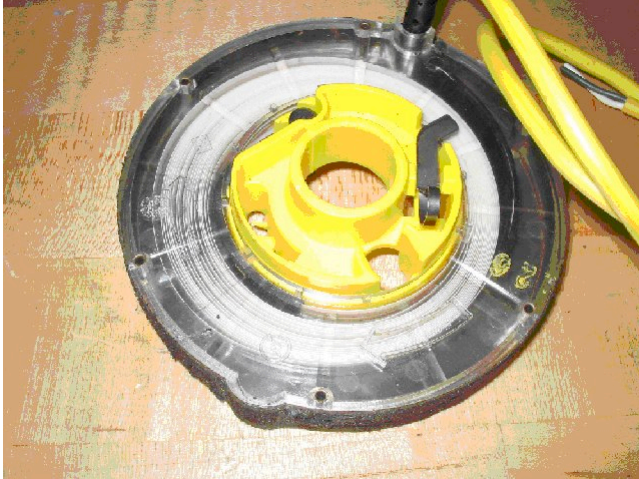
- 4) Which of these is the heating element used to ignite the gas-generating material, usually sodium azide? 4) _____
 - A) Squib
 - B) Pretensioner
 - C) Coil
 - D) Element

- 5) When servicing an air bag, which of these is the first step taken? 5) _____
 - A) Disconnect the battery negative cable
 - B) Disconnect the clockspring electrical connector
 - C) Take resistance measurements at all electrical connectors
 - D) Disconnect the impact sensors

- 6) Driver and/or passenger front airbags will only deploy if a collision occurs how many degrees from straight ahead? 6) _____
 - A) 20
 - B) 30
 - C) 45
 - D) 90

- 7) Technician A says that air bag electrical terminals are copper-plated to protect against corrosion. Technician B says that pretensioners are explosive (pyrotechnic) devices which remove the slack from the seat belt and help position the occupant. Who is right? 7) _____
- A) A only
 - B) B only
 - C) Both A and B
 - D) Neither A nor B

- 8) Which air bag system component is shown in this illustration? 8) _____



- A) Arming sensor
 - B) Squib
 - C) Horn contact
 - D) Clockspring
- 9) To cause inflation, the closing of the _____ is required to provide the power-side voltage to the inflator module. 9) _____
- A) Arming sensor
 - B) Forward discriminating sensor
 - C) Electronic Frontal Sensor (EFS)
 - D) Seat Position sensor (SPS)
- 10) What enables an air bag to deploy in an accident, even if the battery becomes disconnected during the crash? 10) _____
- A) Mechanical push-arm igniter
 - B) Backup power supply
 - C) Velocity versus solid object sensor
 - D) "Sudden stop" signal received from vehicle speed sensor (VSS)

Answer Key

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1) C

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2) B

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3) C

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4) A

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5) A

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6) B

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7) B

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8) D

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9) A

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10) B

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