

Name _____

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

1) What are the conditions needed for an auto dimming headlight system to work?

2) What are the advantages of LED lights?

3) Why are lights controlled by the BCM in many vehicles?

4) Why is it important to avoid touching a halogen bulb with your fingers?

5) Why should the exact same trade number of bulb should be used as a replacement?

Answer Key

Testname: AEE6_SHORT24

1) For the automatic operation to turn on the high beams, the following conditions are usually required:

- Vehicle speed above 20 MPH
- Dark conditions with few streetlights
- There are no approaching vehicles with the headlights on
- There are no taillights from the vehicle in front

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2) LED lights are frequently used in newer vehicles for the following reasons.

1. Faster illumination.
2. Longer service life
3. Lower current draw.

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3) • It simplifies the manufacturing and troubleshooting aspects of electronic modules.
• It coordinates the operating functions of many related items, as well as security features.

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4) A halogen bulb contains a high-pressure gas, and oils from the hands can affect the expansion of the glass, which can shorten the life of the bulb.

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5) The same trade number bulb should be used as a replacement because this assures that the correct voltage and wattage bulb is used.

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