

Name _____

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

1) What does the BCI group number mean?

2) Why can a battery explode if exposed to an open flame or spark?

3) What is meant by a sulfated battery?

4) Why can a discharged batteries freeze?

5) What are the three most commonly used battery-rating methods?

Answer Key

Testname: AEE6_SHORT18

- 1) Battery sizes are standardized by the Battery Council International (BCI). When selecting a replacement battery, check the specified group number in service information, battery application charts at parts stores, or the owner's manual.
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- 2) Batteries can explode if exposed to a flame or spark because they release hydrogen and oxygen from the vents.
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- 3) When a battery is left in a discharged condition, the lead sulfate re-crystallizes into hard lead sulfate. This process is called sulfation or a sulfated battery.
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- 4) Discharged batteries can freeze because the electrolyte becomes almost water.
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- 5) The three most commonly used battery ratings are CA, CCA, and reserve capacity.
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