

Automotive Electricity and Electronics

Chapter 18 – Batteries

Lesson Plan



CHAPTER SUMMARY:

1. Battery Construction, How a Battery Works, Specific Gravity, and Battery Construction Types
 2. Causes and types of Battery Failure, Battery Ratings, and Battery Sizes
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OBJECTIVES:

1. Describe the construction of a battery.
 2. Describe how a battery works.
 3. Discuss how charge indicators work.
 4. Discuss valve regulated batteries and the causes of battery failure.
 5. List battery ratings and battery sizes.
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RESOURCES: ([All resources may be found at jameshalderman.com](http://www.jameshalderman.com))

1. Task Sheet: Battery Specifications
 2. Chapter PowerPoint
 3. [Crossword and Word Search Puzzles \(A6\)](#)
 4. [Videos: \(A6\) Electrical/Electronic Systems](#)
 5. [Animations: \(A6\) Electrical/Electronic Systems](#)
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ACTIVITIES:

1. Task Sheet: Battery Specifications
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ASSIGNMENTS:

1. Chapter crossword and word search puzzles from the website.
 2. Complete end of chapter quiz from the textbook.
 3. Complete multiple choice and short answer quizzes downloaded from the website.
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CLASS DISCUSSION:

1. Review and group discussion chapter [Frequently Asked Questions](#) and [Tech Tips](#) sections.
 2. Review and group discussion of the five (5) chapter [Review Questions](#).
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NOTES AND EVALUATION:
