

Automotive Technology 6th Edition

Chapter 50 – Batteries

Lesson Plan

CHAPTER SUMMARY:



1. Battery construction and how a battery works
 2. Specific gravity and battery construction types
 3. 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. Discuss how charge indicators work.
 3. Discuss valve regulated batteries and the causes of battery failure.
 4. List battery ratings and battery sizes.
 5. This chapter will help you prepare for the ASE Electrical/Electronic Systems (A6) certification test content area “B” (Battery Diagnosis and Service).
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RESOURCES: (All resources may be found at <http://www.jameshalderman.com>) Internet access required to hyperlink.



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



1. **Task Sheet ASE(A6-B-2) P-1:** Have students complete Battery Specifications Task Sheet.
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ASSIGNMENTS:



1. Chapter crossword and word search puzzles.
 2. Complete end of chapter 10 question quiz.
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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:

