

Automotive Electricity and Electronics

Chapter 7 – Parallel Circuits

Lesson Plan



CHAPTER SUMMARY:

1. Parallel Circuits, Kirchhoff's Current Law, and Parallel Circuit Laws
 2. Determining Total Resistance in a Parallel Circuit and Parallel Circuit Calculation Examples
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OBJECTIVES:

1. State Kirchhoff's current law.
 2. Explain parallel circuit laws.
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RESOURCES: ([All resources may be found at jameshalderman.com](http://www.jameshalderman.com))

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

1. Task Sheet: Parallel Circuit Worksheet #1
 2. Task Sheet: Parallel Circuit Worksheet #2
 3. Task Sheet: Parallel Circuit Worksheet #3
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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:
