

Automotive Technology 7th Edition

Chapter 43 – Capacitance and Capacitors

Lesson Plan



CHAPTER SUMMARY:

1. Capacitance, Capacitor Construction and Operation, and Factors of Capacitance
 2. Uses for Capacitors and Capacitors in Circuits
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OBJECTIVES:

1. Explain capacitance.
 2. Explain the construction and operation of capacitors.
 3. Explain factors of capacitance.
 4. Explain the uses of capacitors.
 5. Discuss capacitors connected in series and parallel.
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RESOURCES: (All resources may be found at jameshalderman.com)

1. Task Sheet: Blower Motor Radio Noise
 2. Chapter PowerPoint
 3. 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: Blower Motor Radio Noise
 2. Crossword Puzzle and Word Search
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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: