

Automotive Electrical and Engine Performance - 9th edition

Ch43: Catalytic Converters

Lesson Plan

CHAPTER SUMMARY:



1. Catalytic Converters, OBD-II Catalytic Converter Performance, and Diagnosing Catalytic Converters
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OBJECTIVES:



1. Explain the purpose, function, construction, and operation of catalytic converters.
 2. Describe catalytic converter performance in OBD-II vehicles.
 3. Discuss the diagnosis of catalytic converters.
 4. Discuss the replacement of catalytic converters.
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RESOURCES: (All resources may be found at jameshalderman.com)



1. Task Sheet: Catalytic Converter Test
 2. Crossword Puzzle and Word Search
 3. Videos: (A8) Engine Performance Videos
 4. Animations: (A8) Engine Performance Animations
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ACTIVITIES:



1. Task Sheet: Catalytic Converter Test
 2. Chapter PowerPoint
 3. 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. Ten (10) question end of [Chapter Quiz](#).
 3. Five (5) end of chapter [Review Question](#) for class discussion.
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NOTES AND EVALUATION:

