**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 Convers

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**OBJECTIVES:**

1. Explain the purpose, function, construction, and operation of catalytic converters.

2. Describe catalytic converter performance in CBD-II vehicles.

3 Discuss the diagnosis of catalytic converters.

4. Discuss the replacement of catalytic converters. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**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:**

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