

# Automotive Technology 7<sup>th</sup> Edition

## Chapter 93 – Braking System Components and Performance Standards

### Lesson Plan



#### **CHAPTER SUMMARY:**

1. Fundamentals of Brake Systems, Brake System Categories, and Antilock Brake System Overview
2. Federal Brake Standards, and Brake Repair and the Law



#### **OBJECTIVES:**

1. Describe the fundamentals of brake systems.
2. List the six brake system categories.
3. State the purpose of an antilock brake system.
4. Discuss federal brake standards.
5. Discuss legal aspects of brake repair.



#### **RESOURCES:** (All resources may be found at [jameshalderman.com](http://jameshalderman.com))

1. Task Sheet: Identify and Interpret Brake Concerns
2. Task Sheet: Brake System Component Identification
3. Crossword Puzzle and Word Search
4. Chapter PowerPoint
5. Videos: [\(A5\) Brakes Videos](#)
6. Animations: [\(A5\) Brakes Animations](#)



#### **ACTIVITIES:**

1. Task Sheet: Identify and Interpret Brake Concerns
2. Task Sheet: Brake System Component Identification
3. Crossword Puzzle and Word Search



#### **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.



#### **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](#).



#### **NOTES AND EVALUATION:**