

Automotive Chassis Systems 8th Edition

Chapter 12 – Drum Brake Diagnosis and Service

Lesson Plan



CHAPTER SUMMARY:

1. Drum Brake Diagnosis, Brake Drum Removal, and Drum Brake Disassembly
 2. Inspecting the Backing Plate and Drum Brake Lining Inspection
 3. Brake Spring Inspection, Wheel Cylinder Inspection, and Drum Brake Hardware Kit
 4. Inspecting the Drum Brake Shoes and Brake Parts Cleaning
 5. Lubrication Checklist and Reassembling the Drum Brake
 6. Adjusting Drum Brake and Drum Brake Fault Symptom Guide
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OBJECTIVES:

1. Discuss the procedures recommended for drum brake diagnosis, removal, and disassembly.
 2. Discuss the procedure for inspecting drum brake parts.
 3. Describe how to clean, lubricate, reassemble, and adjust drum brake parts.
 4. Describe the symptoms of a faulty drum brake.
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RESOURCES: ([All resources may be found at jameshalderman.com](http://www.jameshalderman.com))

1. Task Sheet: Drum Brake Problem Diagnosis
 2. Task Sheet: Drum Brake Service
 3. Task Sheet: Install Wheel and Torque Lug Nuts
 4. [Crossword Puzzle and Word Search](#)
 5. [Videos: ASE A5 Brakes](#)
 6. [Animations: ASE A5 Brakes](#)
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ACTIVITIES:

1. Task Sheet: Drum Brake Problem Diagnosis
 2. Task Sheet: Drum Brake Service
 3. Task Sheet: Install Wheel and Torque Lug Nuts
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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:
