**Automotive Chassis Systems 8th Edition**

**Chapter 15 –** **Parking Brake Operation, Diagnosis, and Service**

**Lesson Plan**

**CHAPTER SUMMARY:**

1. Parking Brake Standards, Pedals, Levers, and Handles, and Parking Brake Warning Lamp

2. Parking Brake Linkages and Front and Rear Entry Parking Brake Cables

3. Drum Parking Brakes and Caliper-Actuated Disc Parking Brakes

4. Parking Brake Cable Adjustment and Electrical Parking Brake

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**OBJECTIVES:**

1. Discuss parking brake standards, components, warning lamp, and automatic parking brake release.

2. Explain parking brake linkages.

3. Describe drum parking brakes.

4. Describe caliper-actuated disc parking brakes.

5. Explain how to adjust a parking brake properly.

6. Discuss electric parking brakes.

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

1. Task Sheet: Rear Disc Parking Brake Adjustment

2. Task Sheet: Parking Brake Adjustment

3. Task Sheet: Parking Brake Operation

4. [Crossword Puzzle and Word Search](https://jameshalderman.com/a5_puzzles_lib_page/)

5. [Videos: ASE A5 Brakes](https://jameshalderman.com/a5_vid_lib_page/)

6. [Animations: ASE A5 Brakes](https://jameshalderman.com/a5_anim_lib_page/)

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**ACTIVITIES:**

1. Task Sheet: Rear Disc Parking Brake Adjustment

2. Task Sheet: Parking Brake Adjustment

3. Task Sheet: Parking Brake Operation

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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:**

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