

Automotive Technology 7th Edition

Chapter 102 – Parking Brake Operation, Diagnosis, and Service

Lesson Plan



CHAPTER SUMMARY:

1. Parking Brake Standards, Pedals, Levers, and Handles, and Parking Brake Linkages
2. Front and Rear Entry Parking Brake Cables, and Drum Parking Brakes
3. Caliper-Actuated Disc Parking Brakes, Parking Brake Cable Adjustment, and Electric Parking Brake



OBJECTIVES:

1. Discuss parking brake standards.
2. Describe parking brake pedals, levers, and handles.
3. Explain parking brake linkages.
4. Explain front and rear entry parking brake cables.
5. Describe drum parking brakes.
6. Describe caliper-actuated disc parking brakes.
7. Explain how to adjust a parking brake properly.
8. Discuss electric parking brakes.



RESOURCES: (All resources may be found at 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
5. Chapter PowerPoint
6. Videos: [\(A5\) Brakes Videos](#)
7. Animations: [\(A5\) Brakes Animations](#)



ACTIVITIES:

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



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: