

Automotive Technology 7th Edition

Chapter 101 – Disc Brake Diagnosis and Service

Lesson Plan



CHAPTER SUMMARY:

1. Disc Brake Diagnostic Procedures, Visual Inspection, Disc Brake Caliper Service, and Caliper Installation
2. Disc Brake Squeal Correction, and Disc Brake Symptom Guide



OBJECTIVES:

1. Discuss how to diagnose problems with disc brakes.
2. Explain visual inspection of disc brakes and pads.
3. Describe disc brake caliper service.
4. Describe caliper installation.
5. Explain disc brake squeal correction.
6. State the symptoms of a faulty disc brake.



RESOURCES: (All resources may be found at jameshalderman.com)

1. Task Sheet: Brake System Road Test
2. Task Sheet: Disc Brake Diagnosis and Service
3. Task Sheet: Brake Pad Wear Indicator System
4. Task Sheet: Brake Pad Burnishing In Procedure
5. Crossword Puzzle and Word Search
6. Chapter PowerPoint
7. Videos: [\(A5\) Brakes Videos](#)
8. Animations: [\(A5\) Brakes Animations](#)



ACTIVITIES:

1. Task Sheet: Brake System Road Test
2. Task Sheet: Disc Brake Diagnosis and Service
3. Task Sheet: Brake Pad Wear Indicator System
4. Task Sheet: Brake Pad Burnishing In Procedure
5. 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: