**Automotive Technology 6th Edition**

**Chapter 106 –** **Disc Brake Diagnosis and Service**

**Lesson Plan**

**CHAPTER SUMMARY:**

1. Disc brake diagnostic procedures, visual inspection, and disc brake caliper service

2. Servicing disc brake calipers, disc brake squeal correction, and disc brake symptom guide

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**OBJECTIVES:**

1. Discuss how to diagnose problems with disc brakes.

2. Describe how to inspect, disassemble, and service disc brake calipers.

3. Explain disc brake squeal correction.

4. State the symptoms of a faulty disc brake.

5. This chapter will help prepare for the Brakes (A5) ASE certification test content area “C” (Disc Brake Diagnosis and Repair).

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**RESOURCES:** (All resources may be found at <http://www.jameshalderman.com>) Internet access required to hyperlink.

**1.** **Task Sheet ASE (A5-A-3) P-1**: Brake System Road Test

**2**. **Task Sheet ASE (A5-D-1) P-1, (A5-D-2) P-1, (A5-D-3) P-1, (A5-D-4) P-1, (A5-D-5) P-3**: Disc Brake Diagnosis and Service

**3. Task Sheet ASE (A5-D-11) P-1**: Brake Pad Wear Indicator System

**4**. **Task Sheet ASE (A5-D-12) P-1**: Brake Pad Burnishing-In Procedure

5. Chapter PowerPoint

6. Chapter Crossword Puzzle and Word Search

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

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

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**ACTIVITIES:**

**1. Task Sheet ASE (A5-A-3) P-1**: Have students complete Brake System Road Test Task Sheet.

**2**. **Task Sheet ASE (A5-D-1) P-1, (A5-D-2) P-1, (A5-D-3) P-1, (A5-D-4) P-1, (A5-D-5) P-3**: Have students complete Disc Brake Diagnosis and Service Task Sheet.

**3. Task Sheet ASE (A5-D-11) P-1**: Have students complete Brake Pad Wear Indicator System Task Sheet.

**4**. **Task Sheet ASE (A5-D-12) P-1**: Have students complete Brake Pad Burnishing-In Procedure Task Sheet.

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**ASSIGNMENTS:**

1. Chapter crossword and word search puzzles.

2. Complete end of chapter 10 question quiz.

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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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