

Automotive Chassis Systems 8th Edition

Chapter 9 – Brake Bleeding Methods and Procedures

Lesson Plan



CHAPTER SUMMARY:

1. Brake Bleeding and Brake Bleeder Valve Loosening Methods
 2. Bleeding Sequence, Manual Bleeding, and Vacuum Bleeding
 3. Gravity Bleeding, Pressure Bleeding, and Hydraulic ABS Service
 4. Brake Fluid Replacement/Flushing
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OBJECTIVES:

1. Discuss the need for brake bleeding.
 2. Discuss the various methods of loosening the brake bleeder valve.
 3. Describe the bleeding sequence for most vehicles.
 4. Describe the manual bleeding procedure.
 5. Discuss how to vacuum bleed and gravity bleed the hydraulic brake system.
 6. Discuss how to pressure bleed the hydraulic brake system.
 7. Describe how to service the hydraulic ABS and flush brake fluid.
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RESOURCES: ([All resources may be found at jameshalderman.com](http://www.jameshalderman.com))

1. Task Sheet: Brake Bleeding
 2. [Crossword Puzzle and Word Search](#)
 3. [Videos: ASE A5 Brakes](#)
 4. [Animations: ASE A5 Brakes](#)
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ACTIVITIES:

1. Task Sheet: Brake Bleeding
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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:
