

Automotive Technology 7th Edition

Chapter 106 – ABS Diagnosis and Service

Lesson Plan



CHAPTER SUMMARY:

1. ABS Fault Diagnosis, ABS Diagnosis, Wheel Speed Sensor Diagnosis, and Hydraulic ABS Service
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OBJECTIVES:

1. Explain the ABS diagnostic procedure.
 2. Explain how to diagnose the OBD-II ABS system.
 3. Explain how to diagnose wheel speed sensors.
 4. List the steps in the hydraulic ABS service procedure.
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RESOURCES: (All resources may be found at jameshalderman.com)

1. Task Sheet: Electronic Brake (ABS) Fault Diagnosis
 2. Task Sheet: Depressurization of High-Pressure ABS
 3. Task Sheet: Bleed ABS Hydraulic Circuits
 4. Task Sheet: ABS Wheel Speed Sensor Testing
 5. Task Sheet: Modified Vehicle ABS Problem Diagnosis
 6. Crossword Puzzle and Word Search
 7. Chapter PowerPoint
 8. Videos: [\(A5\) Brakes Videos](#)
 9. Animations: [\(A5\) Brakes Animations](#)
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ACTIVITIES:

1. Task Sheet: Electronic Brake (ABS) Fault Diagnosis
 2. Task Sheet: Depressurization of High-Pressure ABS
 3. Task Sheet: Bleed ABS Hydraulic Circuits
 4. Task Sheet: ABS Wheel Speed Sensor Testing
 5. Task Sheet: Modified Vehicle ABS Problem Diagnosis
 6. Crossword Puzzle and Word Search
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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:
