

Automotive Technology 7th Edition

Chapter 132 – Automatic Transmission/Transaxle Diagnosis and In-Vehicle Service Lesson Plan



CHAPTER SUMMARY:

1. Transmission Problem Diagnosis, Transmission Fluid Leak Diagnosis, and In-Vehicle Service
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OBJECTIVES:

1. Explain the process of diagnosing transmission problems.
 2. Describe how to diagnose transmission fluid leaks.
 3. Discuss the procedures for performing in-vehicle service.
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RESOURCES: (All resources may be found at jameshalderman.com)

1. Task Sheet: Check Fluid Level and Condition
 2. Task Sheet: Non-Dipstick Fluid Condition & Loss
 3. Task Sheet: Torque Converter Stall Test
 4. Task Sheet: Torque Converter Lock-Up Test
 5. Task Sheet: Inspect/Replace Powertrain Mounts
 6. Task Sheet: Service Automatic Transmission/Transaxle
 7. Task Sheet: Inspect and Adjust or Replace Linkages
 8. Task Sheet: Noise and Vibration Diagnosis
 9. Task Sheet: Electronic Transmission Control System Diagnosis
 10. Task Sheet: Inspect and/or Replace Powertrain Mounts
 11. Task Sheet: Diagnose Fluid Loss
 11. Crossword Puzzle and Word Search
 12. Chapter PowerPoint
 13. Videos: [\(A2\) Automatic Transmissions and Transaxles Videos](#)
 14. Animations: [\(A2\) Automatic Transmissions and Transaxles Animations](#)
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ACTIVITIES:

1. Task Sheet: Check Fluid Level and Condition
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 11. 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.

NOTES AND EVALUATION:

