**Automatic Transmissions and Transaxles 8th Edition**

**Chapter 17 –** **Transmission/Transaxle Removal and Disassembly**

**Lesson Plan**

**CHAPTER SUMMARY:**

1. Repair Options, Verify the Need for Unit Repair, and Removing the Automatic Transmission/Transaxle

2. Automatic Transmission Parts and Transmission/Transaxle Disassembly

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**OBJECTIVES:**

1. Describe automatic transmission repair options.

2. Describe the automatic transmission/transaxle inspection process.

3. List the steps needed to be followed to remove an automatic transmission/transaxle.

4. Explain the procedure for disassembling a transmission/transaxle. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**RESOURCES:** (All resources may be found at http://www.jameshalderman.com)

1. Task Sheet: Remove and Install Automatic Transmission/Transaxle

2. Task Sheet: Disassemble Automatic Transmission/Transaxle

3. Task Sheet: Thrust Washer and Bearing Inspection

4. Task Sheet: Inspect Oil Delivery Circuits

5. Task Sheet: Bushing Inspection

6. Task Sheet: Planetary Gear Assembly Inspection

7. Task Sheet: Automatic Transmission/Transaxle Case Inspection

8. Task Sheet: Transaxle Drive Chain Inspection

9. Task Sheet: Transaxle Final Drive Inspection

10. Task Sheet: Clutch Drum Assembly Inspection

11. Chapter PowerPoint

12. Crossword Puzzle and Word Search

13. Videos: [(A2) Automatic Transmissions and Transaxles Videos](https://jameshalderman.com/a2_vid_lib_page/)

14. Animations: [(A2) Automatic Transmissions and Transaxles Animations](https://jameshalderman.com/a2_anim_lib_page/)

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**ACTIVITIES:**

1. Task Sheet: Remove and Install Automatic Transmission/Transaxle

2. Task Sheet: Disassemble Automatic Transmission/Transaxle

3. Task Sheet: Thrust Washer and Bearing Inspection

4. Task Sheet: Inspect Oil Delivery Circuits

5. Task Sheet: Bushing Inspection

6. Task Sheet: Planetary Gear Assembly Inspection

7. Task Sheet: Automatic Transmission/Transaxle Case Inspection

8. Task Sheet: Transaxle Drive Chain Inspection

9. Task Sheet: Transaxle Final Drive Inspection

10. Task Sheet: Clutch Drum Assembly Inspection

11. Crossword Puzzle and Word Search

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**ASSIGNMENTS:**

1. Chapter crossword and word search puzzles.

2. Complete end of chapter 10 question quiz.

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:**

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