

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

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](#)
14. Animations: [\(A2\) Automatic Transmissions and Transaxles Animations](#)

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

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.

NOTES AND EVALUATION:

