

Automatic Transmissions and Transaxles 8th Edition

Chapter 16 – In Vehicle Transmission/Transaxle Service

Lesson Plan

CHAPTER SUMMARY:



1. In-Vehicle Items, Fluid Changes, Fluid Changing, Dropping the Pan, and Fluid Exchange and Flush Units
2. Seal Replacement, Manual Linkage Checks, Powertrain Mounts, and Band Adjustments

OBJECTIVES:



1. Discuss fluid replacement.
2. Describe the procedure to follow when replacing seals.
3. Perform linkage adjustments in automatic transmissions.
4. Describe the correct procedure for replacing powertrain mounts and performing band adjustments.

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



1. Task Sheet: Inspect Powertrain Mounts
2. Task Sheet: Service Automatic Transmission/Transaxle
3. Task Sheet: Inspect and Adjust Linkages
4. Task Sheet: Flush Cooler Lines
5. Task Sheet: Replace Seals and Gaskets
6. Chapter PowerPoint
7. Crossword Puzzle and Word Search
8. Videos: [\(A2\) Automatic Transmissions and Transaxles Videos](#)
9. Animations: [\(A2\) Automatic Transmissions and Transaxles Animations](#)

ACTIVITIES:



1. Task Sheet: Inspect Powertrain Mounts
2. Task Sheet: Service Automatic Transmission/Transaxle
3. Task Sheet: Inspect and Adjust Linkages
4. Task Sheet: Flush Cooler Lines
5. Task Sheet: Replace Seals and Gaskets
6. 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.

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:

