

Automatic Transmissions and Transaxles 8th Edition

Chapter 14 – Dual Clutch Automatic Transmissions/Transaxles

Lesson Plan

CHAPTER SUMMARY:



1. Purpose and Function, Parts and Operation, Dual Clutch Transaxle, and Getrag DCT 450
2. Solenoids, and Diagnosis and Service

OBJECTIVES:



1. Discuss the parts and operation of a dual clutch transmission/transaxle.
2. Explain the construction of a GETRAG DCT 450 transaxle.
3. Describe the diagnostic and service procedures for a dual clutch transmission/transaxle system.

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



1. Task Sheet: Electronically Controlled Manual Transmission
2. Chapter PowerPoint
3. Crossword Puzzle and Word Search
4. Videos: [\(A2\) Automatic Transmissions and Transaxles Videos](#)
5. Animations: [\(A2\) Automatic Transmissions and Transaxles Animations](#)

ACTIVITIES:



1. Task Sheet: Electronically Controlled Manual Transmission
2. 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:

