**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

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**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](https://jameshalderman.com/a2_vid_lib_page/)

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

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**ACTIVITIES:**

1. Task Sheet: Electronically Controlled Manual Transmission

2. 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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