

Automatic Transmissions and Transaxles 8th Edition

Chapter 13 – Continuously Variable Transmissions

Lesson Plan



CHAPTER SUMMARY:

1. Continuously Variable Transmission (CVT), Construction, and CVT Electronic Controls
2. CVT Operation, CVT Torque Converter, Honda CVT, Pressure Testing a CVT, and CVT Fluid
3. CVT Noise Issues and CVT Related Diagnostic Trouble Codes

OBJECTIVES:



1. Describe the construction of a continuously variable transmission and discuss its advantages and disadvantages.
2. Discuss the electronic controls and operation of a CVT.
3. Explain the diagnosis of a CVT, including pressure testing and CVT fluid and noise issues.

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



1. Task Sheet: Continuously Variable 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: Continuously Variable 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:

