

# Manual Drivetrains and Axles 9<sup>th</sup> Edition

## Chapter 10 – Driveshaft and Half Shaft Service



### **CHAPTER SUMMARY:**

1. U-Joint Diagnosis, Driveshaft and U-Joint Inspection, and U-Joint Replacement
  2. U-Joint Working Angles, CV Joint Diagnosis, Replacement Shaft Assemblies, and CV Joint Service
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### **OBJECTIVES:**

1. Explain how to diagnose and inspect a U-joint.
  2. List the steps necessary to replace a U-joint.
  3. Explain how to perform a measurement of the working angles of a U-joint.
  4. Diagnose problems with CV joints and describe the service procedures for replacing CV joints.
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### **RESOURCES:** (All resources may be found at <http://www.jameshalderman.com>)

1. Task Sheet: CV Joint Service
  2. Chapter PowerPoint
  3. Crossword Puzzle and Word Search
  4. Videos: [\(A3\) Manual Drive Train Axles Videos](#)
  5. Animations: [\(A3\) Manual Drive Train Axles Animations](#)
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### **ACTIVITIES:**

1. Task Sheet: CV Joint Service
  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:**