**Manual Drivetrains and Axles 9th 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. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**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](https://jameshalderman.com/a3_vid_lib_page/)

5. Animations: [(A3) Manual Drive Train Axles Animations](https://jameshalderman.com/a3_anim_lib_page/)

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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:**

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