**Automotive Steering, Suspension & Alignment**

**Chapter 18 – Drive Shafts and CV Joint Service**

**Lesson Plan**

**CHAPTER SUMMARY:**

1. U-Joints Diagnosis, Driveshaft and U-Joint Inspection, U-Joint Replacement, and U-Joint Working Angles

2. 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 jameshalderman.com)](https://jameshalderman.com/)

1. Task Sheet: CV Joint Service

2. Chapter PowerPoint

3. [Crossword and Word Search Puzzles (A3)](https://jameshalderman.com/a3_puzzles_lib_page/)

4. [Videos: (A3) Manual Drive Train Axles](https://jameshalderman.com/a3_vid_lib_page/)

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

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**ACTIVITIES:**

1. Task Sheet: CV Joint Service

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**ASSIGNMENTS:**

1. Chapter crossword and word search puzzles from the website.

2. Complete end of chapter quiz from the textbook.

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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