**Automotive Chassis Systems 8th Edition**

**Chapter 34 –** **Driveshaft and CV Joint Service**

**Lesson Plan**

**CHAPTER SUMMARY:**

1. U-Joint Diagnosis, Driveshaft and U-Joint Inspection, and U-Joint Replacement

2. U-Joint Working Angles, CV Joint Diagnosis, and Replacement Shaft Assemblies

3. 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: U-Joint and CV Joint Service

2. Task Sheet: Drive Axle Shaft Service

3. Task Sheet: Drive Axle Shaft Wheel Studs

4. [Crossword Puzzle and Word Search](https://jameshalderman.com/a3_puzzles_lib_page/)

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

6. [Animations: ASE A3 Manual Drive Trian Axles](https://jameshalderman.com/a3_anim_lib_page/)

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**ACTIVITIES:**

1. Task Sheet: U-Joint and CV Joint Service

2. Task Sheet: Drive Axle Shaft Service

3. Task Sheet: Drive Axle Shaft Wheel Studs

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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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