

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](http://www.jameshalderman.com))

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