

# Automotive Chassis Systems 8<sup>th</sup> 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](http://www.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](#)
  5. [Videos: ASE A3 Manual Drive Train Axles](#)
  6. [Animations: ASE A3 Manual Drive Trian Axles](#)
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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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