

Automotive Technology 7th Edition

Chapter 116 – Steering Linkage and Service

Lesson Plan



CHAPTER SUMMARY:

1. Steering Linkage, Rack-And-Pinion Inner Tie Rod Ends, and Four-Wheel Steering Systems
2. Steering Linkage Lubrication, Dry Park Test, Under-Vehicle Inspection, and Steering Linkage Replacement



OBJECTIVES:

1. Identify steering linkage components.
2. Describe rack-and-pinion inner tie rod ends.
3. Describe four-wheel steering systems.
4. Discuss steering linkage lubrication.
5. Describe the purpose and procedure for performing a dry park test.
6. Describe the steps for under-vehicle inspection of steering systems.
7. Explain how to replace steering linkage parts.



RESOURCES: (All resources may be found at jameshalderman.com)

1. Task Sheet: Inner Tie Rod Ends and Bellows Boots
2. Task Sheet: Inspect and Replace Steering Components
3. Task Sheet: Tie-Rod End Inspection and Replacement
4. Crossword Puzzle and Word Search
5. Chapter PowerPoint
6. Videos: [\(A4\) Suspension and Steering Videos](#)
7. Animations: [\(A4\) Suspension and Steering Animations](#)



ACTIVITIES:

1. Task Sheet: Inner Tie Rod Ends and Bellows Boots
2. Task Sheet: Inspect and Replace Steering Components
3. Task Sheet: Tie-Rod End Inspection and Replacement
4. Crossword Puzzle and Word Search



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.



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](#).



NOTES AND EVALUATION: