

# Automotive Technology 7<sup>th</sup> Edition

## Chapter 113 – Rear Suspension and Service

### Lesson Plan



#### **CHAPTER SUMMARY:**

1. Solid Rear Axles, Leaf Spring Rear Suspension, and Trailing Arm and Semi-Trailing Rear Suspension
2. Independent and Semi-Independent Rear Suspension, and Rear Suspension Service
3. Rear Shock Replacement, and Rear Spring Replacement



#### **OBJECTIVES:**

1. Describe solid rear axles.
2. Describe leaf spring rear suspensions.
3. Distinguish between trailing arm and semi-trailing arm rear suspensions.
4. Distinguish between independent and semi-independent rear suspensions.
5. Explain rear suspension service.
6. Describe replacement of rear shocks.
7. Describe replacement of rear springs.



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

1. Task Sheet: Rear Leaf Springs
2. Task Sheets: Inspect or Replace Rear Track Bar/ Strut Rods
3. Crossword Puzzle and Word Search
4. Chapter PowerPoint
5. Videos: [\(A4\) Suspension and Steering Videos](#)
6. Animations: [\(A4\) Suspension and Steering Animations](#)



#### **ACTIVITIES:**

1. Task Sheet: Rear Leaf Springs
2. Task Sheets: Inspect remove or Replace Suspension Components
3. 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:**