**Automotive Technology 7th 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

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**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](https://jameshalderman.com/a4_vid_lib_page/)

6. Animations: [(A4) Suspension and Steering Animations](https://jameshalderman.com/a4_anim_lib_page/)

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**ACTIVITIES:**

1. Task Sheet: Rear Leaf Springs

2. Task Sheets: Inspect remove or Replace Suspension Components

3. Crossword Puzzle and Word Search

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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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