

# Automotive Engines Theory and Servicing 10<sup>th</sup> Edition

## Chapter 7 – Vehicle Lifting and Hoisting

### Lesson Plan



#### **CHAPTER SUMMARY:**

1. Floor Jack, Creepers, Vehicle Hoists, and Drive-On Ramps
- 



#### **OBJECTIVES:**

1. Discuss the purpose of floor jacks and creepers.
  2. Describe vehicle hoists and drive-on ramps and discuss the proper methods to follow to safely hoisting a vehicle.
- 



#### **RESOURCES:** ([All resources may be found at jameshalderman.com](http://www.jameshalderman.com))

1. Task Sheet: Vehicle Lifting & Hoisting
  2. Chapter PowerPoint
  3. [Crossword Puzzle and Word Search \(A0\)](#)
  4. [Videos: \(A0\) Automotive Fundamentals](#)
  5. [Animations: \(A0\) Automotive Fundamentals](#)
- 



#### **ACTIVITIES:**

1. Task Sheet: Vehicle Lifting & Hoisting
- 



#### **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:**

---