

# Automotive Technology 6<sup>th</sup> Edition

## Chapter 11 – Vehicle Lifting and Hoisting

### Lesson Plan



#### **CHAPTER SUMMARY:**

1. Floor jacks
  2. Creepers
  3. Vehicle hoist
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#### **OBJECTIVES:**

1. Discuss the purpose of floor jacks and creepers.
  2. Describe vehicle hoists and drive-on ramps.
  3. Discuss the proper methods for safely hoisting a vehicle.
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**RESOURCES:** (All resources may be found at <http://www.jameshalderman.com>)

1. **Task Sheet:** Vehicle Hoisting
  2. Chapter PowerPoint
  3. Chapter Crossword Puzzle and Word Search
  4. Animations: Floor Jack
  5. Animations: Vehicle Lifting
  6. Videos: Car Lift Safety (time 18:25)
  7. Videos: How to Raise or Lift Your Car onto Jack Stands (time 3:20)
  8. Videos: Automotive lifts (time 1:27)
  9. Videos: Types of auto lifts (time 3:33)
  10. Videos: Safe jacking procedure (time 4:06)
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#### **ACTIVITIES:**

1. **Task Sheet:** Have students complete Vehicle Hoisting Task Sheet.
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#### **ASSIGNMENTS:**

1. Chapter crossword and word search puzzles.
  2. Complete end of chapter 10 question quiz.
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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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