

# Advanced Engine Performance Diagnosis 7<sup>th</sup> Edition

## Chapter 12 – Immobilizer Systems

### Lesson Plan



#### **CHAPTER SUMMARY:**

1. Vehicle Security Systems, Immobilizer Systems, and Chrysler Immobilizer System
  2. Ford PATS System, GM Antitheft System and Testing Immobilizer System
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#### **OBJECTIVES:**

1. Describe the purpose and function of a security system.
  2. Explain how an immobilizer system works and the major components involved.
  3. Describe the types of immobilizer systems used by various manufacturers.
  4. Explain how to diagnose a fault with an immobilizer system.
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#### **RESOURCES:** ([All resources may be found at jameshalderman.com](http://www.jameshalderman.com))

1. Task Sheet: Immobilizer System Diagnosis
  2. Chapter PowerPoint
  3. [Crossword and Word Search Puzzles \(A6\)](#)
  4. [Crossword and Word Search Puzzles \(A8\)](#)
  5. [Videos: \(A6\) Electrical/Electronic Systems](#)
  6. [Videos: \(A8\) Engine Performance](#)
  7. [Animations: \(A6\) Electrical/Electronic Systems](#)
  5. [Animations: \(A8\) Engine Performance](#)
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#### **ACTIVITIES:**

1. Task Sheet: Immobilizer System Diagnosis
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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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