

Automotive Technology 6th Edition

Chapter 59 – Immobilizer Systems

Lesson Plan

CHAPTER SUMMARY:



1. Vehicle security systems and immobilizer systems
 2. Chrysler immobilizer system, Ford PATS system, and GM antitheft system
 3. Testing immobilizer systems
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OBJECTIVES:



1. Describe the purpose and function of a security system.
 2. Explain how an immobilizer system works and identify its major component.
 3. Compare immobilizer systems in Chrysler, Ford, and General Motors vehicles.
 4. Explain how to diagnose a fault with an immobilizer system.
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RESOURCES: (All resources may be found at <http://www.jameshalderman.com>) Internet access required to hyperlink.



1. **Task Sheet ASE (A6-G-4) P-2:** Power Accessory Diagnosis
 2. **Task Sheet:** Door Panel
 3. **Task Sheet ASE (A6-G-5) P-2, A6-G-6) P-2:** Body and Module Communication Diagnosis
 4. **Task Sheet ASE (A6-G-2) P-2:** Keyless Entry and Anti-Theft Diagnosis
 5. Chapter PowerPoint
 6. Chapter Crossword Puzzle and Word Search
 7. Videos: [\(A6\) Electrical/Electronic Systems Videos](#)
 8. Animations: [\(A6\) Electrical/Electronic Systems Animations](#)
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ACTIVITIES:



1. **Task Sheet ASE (A6-G-4) P-2:** Have students complete Power Accessory Diagnosis Task Sheet.
 2. **Task Sheet:** Have students complete Door Panel Task Sheet.
 3. **Task Sheet ASE (A6-G-5) P-2, A6-G-6) P-2:** Have students complete Body and Module Communication Diagnosis Task Sheet.
 4. **Task Sheet ASE (A6-G-2) P-2:** Have students complete Keyless Entry and Anti-Theft Diagnosis 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:


