**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](https://jameshalderman.com/a6_vid_lib_page/)

8. Animations: [(A6) Electrical/Electronic Systems Animations](https://jameshalderman.com/a6_anim_lib_page/)

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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. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**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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