

Advanced Engine Performance Diagnosis 7th Edition

Chapter 28 – Module Reprogramming

Lesson Plan



CHAPTER SUMMARY:

1. Module Software Update, SAE Standards, Programming Hardware, and Programming Software
 2. Reprogramming, Battery Voltage, and Programming Problems and Concerns
 3. Aftermarket Reprogramming
-



OBJECTIVES:

1. List the benefits of module reprogramming over previous methods of update.
 2. Describe the regulatory requirements of J2534.
 3. List the hardware and software used for programming.
 4. Describe the methods of module reprogramming.
 5. Explain the need for a battery maintainer during reprogramming.
 6. Describe the concerns of programming in the shop.
-



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

1. Task Sheet: Module Reprogramming
 2. Chapter PowerPoint
 3. [Crossword and Word Search Puzzles \(A8\)](#)
 4. [Videos: \(A8\) Engine Performance](#)
 5. [Animations: \(A8\) Engine Performance](#)
-



ACTIVITIES:

1. Task Sheet: Module Reprogramming
-



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
