Automotive Electrical and Engine Performance - 9th edition
Ch45: Module Programming
Lesson Plan

CHAPTER SUMMARY:

1. Module Software Update, SAE Standards, Programming Hardware, and Programming Software
2. Reprogramming, Battery Voltage, Programming Problems and Concerns, and 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 used for programming.
4. List the software used for programming.
5. Describe the methods of module reprogramming.
6. Explain the need for a battery maintainer during reprogramming.
7. Describe the concerns of programming in the shop.
8. Describe aftermarket reprogramming.

_____

RESOURCES: (All resources may be found at jameshalderman.com)

1. Task Sheet: Module Communication
2. Crossword Puzzle and Word Search
3. Videos: (A8) Engine Performance Videos
4. Animations: (A8) Engine Performance Animations

_____

ACTIVITIES:

1. Task Sheet: Module Communication
2. Chapter PowerPoint
3. Crossword Puzzle and Word Search

_____

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. Ten (10) question end of Chapter Quiz.
3. Five (5) end of chapter Review Question for class discussion.

_____

NOTES AND EVALUATION:

_____