Automotive Technology 7th Edition Chapter 85 – Strategy-Based Diagnosis Lesson Plan

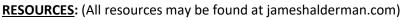


CHAPTER SUMMARY:

- 1. Eight-Step Diagnostic Procedure, Scan Tools, and Retrieval of Diagnostic Information
- 2. Troubleshooting Using Diagnostic Trouble Codes, and Manufacturer's Diagnostic Routines
- 3. Completing System Repairs

OBJECTIVES:

- 1. List the steps of the diagnostic process.
- 2. Discuss the types of scan tools that are used to assess vehicle components.
- 3. Explain how to retrieve diagnostic information and how to use DTCs.
- 4. Explain the troubleshooting procedures to follow if a diagnostic trouble code has been set.
- 5. Explain manufacturer's diagnostic routines.
- 6. Discuss completing system repairs, including resetting the PCM and road test (drive cycle).



- 1. Task Sheet: No-Code Diagnosis of Driveability Concerns
- 2. Crossword Puzzle and Word Search
- 3. Chapter PowerPoint
- 3. Videos: (A8) Engine Performance Videos
- 4. Animations: (A8) Engine Performance Animations

ACTIVITIES:

- 1. Task Sheet: No-Code Diagnosis of Driveability Concerns
- 2. Crossword Puzzle and Word Search



DEMO

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 <u>Frequently Asked Questions</u> and <u>Tech Tips</u> sections.
- 2. Review and group discussion of the five (5) chapter <u>Review Questions</u>.



NOTES AND EVALUATION:

