**Advanced Engine Performance Diagnosis 8th Edition**

**Chapter 10 – Global OBD-II and Mode $06**

**Lesson Plan**

**CHAPTER SUMMARY:**

1. What is Global OBD-II, Global OBD-II Modes, and Diagnosis Problem using Mode $06

2. Accessing Global OBD-II, Mode $06, Mode $06 Test Examples, and Permanent Codes

3. Where to get Mode $06 Information

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**OBJECTIVES:**

1. Explain global OBD-II.

2. List the global OBD-II modes.

3. List the steps for diagnosing problems using mode $06.

4. Access global OBD-II on a scan tool.

5. Describe how mode $06 can be used to identify a problem.

6. Explain how to convert raw numbers to usable data for various types of mode $06 tests.

7. Describe permanent fault codes and how to clear them.

8. State where mode $06 information can be obtained. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

1. Task Sheet: Global OBD II

2. Task Sheet: Mode $06 Diagnosis

3. Chapter PowerPoint

4. Crossword and Word Search Puzzles

5. Videos: (A8) Computerized Engine Controls Diagnosis and Repair

6. Animations: (A8) Computerized Engine Controls Diagnosis and Repair

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**ACTIVITIES:**

1. Task Sheet: Global OBD II

2. Task Sheet: Mode $06 Diagnosis

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**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.

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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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