

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.
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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:

