

Automotive Engines Theory and Servicing 10th Edition

Chapter 23 – Engine Removal and Disassembly

Lesson Plan



CHAPTER SUMMARY:

1. Engine Repair Options, Engine Removal, Engine Disassembly, and Disassembly of the Short Block
 2. Rotating Engine Assemblies Removal and Cylinder Head Disassembly
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OBJECTIVES:

1. Discuss the different engine repair options.
 2. Explain the engine removal procedure.
 3. Explain the engine disassembly procedure.
 4. Explain disassembly of the short block, rotating engine assemblies removal, and cylinder head disassembly.
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RESOURCES: ([All resources may be found at jameshalderman.com](http://www.jameshalderman.com))

1. Task Sheet: Remove and Reinstall Engine (FWD)
 2. Task Sheet: Remove Cylinder Head(s) and Inspect
 3. Task Sheet: Engine Disassembly
 4. Chapter PowerPoint
 5. [Crossword Puzzle and Word Search \(A1\)](#)
 6. [Videos: \(A1\) Engine Repair](#)
 7. [Animations: \(A1\) Engine Repair](#)
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ACTIVITIES:

1. Task Sheet: Remove and Reinstall Engine (FWD)
 2. Task Sheet: Remove Cylinder Head(s) and Inspect
 3. Task Sheet: Engine Disassembly
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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:
