

Automotive Technology 7th Edition

Chapter 25 – 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



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.
5. Explain rotating engine assemblies' removal.
6. Explain cylinder head disassembly.



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

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



ACTIVITIES:

1. Task Sheet: Remove and Reinstall Engine
2. Task Sheet: Remove Cylinder Head(s) and Inspect
3. Task Sheet: Engine Disassembly
4. Task Sheet: Cylinder Wall Inspection
5. Task Sheet: Block Thread Inspection and Correction
6. 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. Review and group discussion of the five (5) chapter [Review Questions](#).



NOTES AND EVALUATION: