

# Automotive Engines Theory and Servicing 10<sup>th</sup> Edition

## Chapter 30 – Engine Blocks

### Lesson Plan

#### **CHAPTER SUMMARY:**

1. Engine Blocks, Engine Block Service, and Block Preparation for Assembly
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#### **OBJECTIVES:**

1. Explain the construction of engine blocks.
  2. Explain the procedure for engine block service.
  3. Explain block preparation for assembly.
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#### **RESOURCES:** ([All resources may be found at jameshalderman.com](http://www.jameshalderman.com))

1. Task Sheet: Cylinder Wall Inspection
  2. Task Sheet: Cylinder Bore Deglazing
  3. Chapter PowerPoint
  4. [Crossword Puzzle and Word Search \(A1\)](#)
  5. [Videos: \(A1\) Engine Repair](#)
  6. [Animations: \(A1\) Engine Repair](#)
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#### **ACTIVITIES:**

1. Task Sheet: Cylinder Wall Inspection
  2. Task Sheet: Cylinder Bore Deglazing
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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:**

