

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

## Chapter 35 – Engine Installation and Break-In

### Lesson Plan



#### **CHAPTER SUMMARY:**

1. Preinstallation Checklist, Transmission Installation, Dressing the Engine, Engine Installation
  2. Engine Start and Break-In Precautions
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#### **OBJECTIVES:**

1. Discuss the preinstallation checklist.
  2. Explain the procedure for transmission installation.
  3. Explain the process of dressing the engine and engine installation.
  4. Explain engine start and discuss the break-in precautions of an overhauled engine.
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#### **RESOURCES:** ([All resources may be found at jameshalderman.com](http://www.jameshalderman.com))

1. Task Sheet: Remove and Install Engine
  2. Task Sheet: Valve Cover Gasket Replacement
  3. Task Sheet: Timing Belt Replacement
  4. Task Sheet: Engine Oil Change
  5. Chapter PowerPoint
  6. [Crossword Puzzle and Word Search \(A1\)](#)
  7. [Videos: \(A1\) Engine Repair](#)
  8. [Animations: \(A1\) Engine Repair](#)
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#### **ACTIVITIES:**

1. Task Sheet: Remove and Install Engine
  2. Task Sheet: Valve Cover Gasket Replacement
  3. Task Sheet: Timing Belt Replacement
  4. Task Sheet: Engine Oil Change
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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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