**Automotive Engines Theory and Servicing 10th 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)](https://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)](https://jameshalderman.com/a1_puzzles_lib_page/)

7. [Videos: (A1) Engine Repair](https://jameshalderman.com/video-library/)

8. [Animations: (A1) Engine Repair](https://jameshalderman.com/a1_anim_lib_page/)

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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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**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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