

Automotive Technology 7<sup>th</sup> Edition  
Chapter 34: Engine Assembly and Testing  
Short Answer Quiz

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. Discuss the significance of meticulously following the instructions that come with new engine parts and gaskets.

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2. Why is it essential to understand all the procedures stated in the instructions before proceeding with engine assembly?

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3. Explain the implications of skipping certain procedures during engine assembly, even if they seem trivial.

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4. What is the importance of "clamping force" in the context of engine assembly?

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5. Describe the role of "fogging oil" during engine assembly and its significance.

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

6. What are the potential consequences of incorrectly installing or neglecting "freeze plugs" in engine assembly?

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7. In the context of engine assembly, differentiate between "soft core plugs" and "Welsh plugs."

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8. Discuss the relevance and application of "torque-to-yield (TTY)" during engine assembly.

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9. Describe the importance of "transducers" in the context of engine assembly and testing.

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10. Why is it crucial to ensure that all parts have been purchased or adequately prepared before starting the engine assembly process?

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