

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.

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

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

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

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

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

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

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

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

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