

Automotive Technology 7<sup>th</sup> Edition  
Chapter 25: Engine Removal and Disassembly  
Short Answer Quiz

Name:

Date:

1. Why should engines be cold before disassembly?
2. During the removal of the rocker arm covers, which parts of the engine become visible for the first inspection?
3. When removing the rocker arms and pushrods that are intended to be reused, what precaution should be taken?
4. When removing the intake manifold, what care should be taken regarding the parting surface?
5. Why is it essential to mount engines on a sturdy engine stand before disassembly?

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6. Before removing the piston assemblies, why is it necessary to remove the cylinder ridge?

7. Which tool is specifically recommended for removing the crankshaft vibration damper, and why?

8. What are the two primary reasons for measuring the cylinder bore as soon as the cylinder head has been removed from the engine?

9. Describe the wear pattern observed in the area just below the cylinder ridge. Why does this wear occur?

10. What is the significance of the numbers stamped on the connecting rod and rod cap during piston removal?