

Automotive Technology 7th Edition
Chapter 27: Cylinder Head Inspection and Service
Short Answer Quiz

Name:

Date:

1. Explain the significance of understanding the design and construction of cylinder heads in engine servicing.

2. Describe the key differences between intake and exhaust ports in terms of their design and construction.

3. How do cylinder head passages contribute to the overall functioning of an engine?

4. Detail the steps involved in cylinder head disassembly and inspection. What precautions should be taken during this process?

5. Why is cylinder head resurfacing important, and what are its potential implications on engine performance if not done correctly?

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6. Discuss the role and importance of valve guides in the cylinder head assembly.

7. Detail the process of valve guide replacement and the scenarios in which it becomes necessary.

8. Describe the significance of maintaining proper valve stem height and installed height in cylinder head service.

9. Explain the purpose of valve stem seals and their role in ensuring efficient engine operation.

10. Discuss the procedure of installing valves in a cylinder head. What are the key considerations to ensure accurate installation?