Automotive Technology 7th Edition
Chapter 34
Multiple Choice Quiz B

Name: _____ Date: _____

1. Why is it essential to check the gasket's instruction sheet before assembly?
A. To verify the specified surface finish.
B. To understand the gasket's color options.
C. To check the gasket's warranty.
D. To find the gasket's manufacturing date.

2. What happens if the surface finish of a gasket is too smooth?
A. The gasket can move out of the proper location.
B. The gasket can disintegrate.
C. The gasket becomes more elastic.
D. The gasket changes its color.

3. For what reason is checking all valve springs crucial?
A. To ensure even color distribution.
B. To ensure even spring pressure and installed height.
C. To verify the springs' manufacturer.
D. To test the springs' elasticity.

4. Why is checking all threaded holes in the block essential before assembly?
A. To ensure proper bolt color.
B. To ensure that all liquid has been removed.
C. To test the bolt's flexibility.
D. To understand the bolt's manufacturing process.

5. Which tool is recommended for cleaning threaded holes without removing metal?
A. A wrench.
B. A tap.
C. A drill.
D. A thread chaser.

6. What might happen if there's spring bind due to incorrect rocker arm geometry?
A. Enhanced engine performance.
B. Engine overheating.
C. Increased fuel efficiency.
D. Severe engine damage.

7. What should be checked regarding all valves during cylinder head preparation?
A. The valves' elasticity.
B. The valves' color uniformity.
C. Leakage by pouring mineral spirits and looking for leakage past the valves.
D. The date of manufacture of the valves.

8. What is a potential consequence if the pushrods are too long in the engine assembly?
A. Increase in engine power.
B. Incorrect rocker arm geometry.
C. Enhanced fuel efficiency.
D. Quieter engine operation.

9. What should be verified regarding gasket surfaces before engine assembly?
A. The surfaces' color uniformity.
B. The date of manufacture of the surfaces.
C. Proper cleaning and checking for burrs and scratches.
D. The elasticity of the surfaces.

10. What is crucial to ensure regarding the main bearing bores during engine block preparation?
A. They are of uniform color.
B. They are straight and inline.
C. They are flexible.
D. They are manufactured within the last year.

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Answer Key

1. A

2. A

3. B

4. B

5. D

6. D

7. C

8. B

9. C

10. B