

Automotive Technology 7th Edition
Chapter 24: In-Vehicle Engine Service
Short Answer Quiz

Name:

Date:

1. What is the significance of understanding the driver's description when diagnosing engine-related issues, and how can it aid in the diagnostic process?

2. Describe the different failure patterns of a thermostat and explain their impact on engine performance.

3. How does a skewed thermostat differ from one that is stuck open or closed, and what are its potential effects on engine operation?

4. Elaborate on the significance of the jiggle valve in a thermostat and its orientation during installation.

5. Before replacing a thermostat, what other potential cooling system issues should a technician rule out?

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6. Discuss the importance of checking service information before performing any in-vehicle engine service.

7. How can a diagnostic trouble code P0128 be related to thermostat operation?

8. What precautions should be taken when working on hybrid engines, especially in relation to in-vehicle engine services?

9. Describe the common concerns associated with gasoline direct-injection engines and their relevance to in-vehicle engine service.

10. When replacing a water pump, what are some of the critical steps or considerations a technician should keep in mind?