

Automotive Technology 7th Edition
Chapter 77: Electronic Throttle Control System
Short Answer Quiz

Name:

Date:

1. What are the consequences of a low battery voltage being detected in an ETC system?
2. Describe the calibration process for a new APP sensor.
3. Explain the significance of the two different signals produced by the APP sensor.
4. What are the typical conditions that must be met for a General Motors vehicle's throttle body relearn procedure to be initiated?
5. What are the potential symptoms that may necessitate a throttle body cleaning in an ETC system?

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6. Why is it important to ensure the ignition key is out of the vehicle and the ready light is off when cleaning the throttle body on a Toyota/Lexus hybrid electric vehicle?

7. How does the ETC system compensate for vacuum leaks at the intake manifold?

8. What is the role of the H-bridge circuit in the operation of the ETC unit?

9. What are the typical steps included in vehicle service information for diagnosing an ETC system without stored error codes?

10. What is the function of the two TP sensors used on the throttle body of an electronic throttle body assembly?