

Automotive Technology 7th Edition
Chapter 106: ABS Diagnosis and Service
Short Answer Quiz

Name:

Date:

1. Describe the steps involved in the diagnostic procedure for ABS issues as outlined in the document.
2. Explain why many stored diagnostic trouble codes (DTCs) are found under the chassis area.
3. Detail the process of using a multimeter to check for proper wheel speed sensor operation.
4. What are the symptoms that may indicate a vehicle has been submerged underwater?
5. Discuss the implications of using a space-saving small spare tire on the ABS system and how it may trigger warning lamps.

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6. How does the resistance measurement of a wheel speed sensor (WSS) aid in diagnosis, and what is the typical resistance range?

7. What are the potential causes of a low AC voltage output from a wheel speed sensor when tested?

8. In the case study of the "Nervous Honda Civic," what was the cause of the ABS activation just before coming to a stop, and how was it corrected?

9. Why is a factory or factory-level scan tool recommended for diagnosing ABS problems?

10. What type of problem is often caused by a cracked tone (reluctor) ring in the ABS system, and how does it affect the vehicle's braking?