

Automotive Technology 7th Edition
Chapter 93: Braking System Components and Performance Standards
Short Answer Quiz

Name: _____ Date: _____

1. Describe the function of the ABS warning lamp and the conditions under which it may activate.

2. Explain the role of the brake master cylinder, brake control module, and hydraulic control modulator in an ABS system, particularly in a rear-wheel-drive vehicle.

3. What is the significance of the FMVSS 135 standards, and to which types of vehicles do they apply?

4. Discuss the operational symptoms of a normal ABS unit, including the activation of the hydraulic pressure pump.

5. Explain the process by which ABS prevents wheel lockup and maintains vehicle control during braking.

Automotive Technology 7th Edition
Chapter 93: Braking System Components and Performance Standards
Short Answer Quiz

Name: _____ Date: _____

6. Describe the differences between drum brakes and disc brakes, focusing on their respective components and how they function to stop a vehicle.

7. List and explain the six brake subsystem categories as defined in the document.

8. What are the 10 brake tests performed under the Federal Motor Vehicle Safety Standard (FMVSS) 135?

9. Discuss the purpose of brake repairs and the legal responsibilities of vehicle owners and technicians regarding brake system maintenance.

10. Explain the significance of GM's RPO codes that start with the letter "J" and how they relate to the vehicle's brake system.
