

Automotive Technology 7th Edition
Chapter 98: Drum Brakes
Short Answer Quiz

Name:

Date:

1. Explain the difference between forward and rearward facing drum brake shoes and their installation requirements.
2. Describe the function of the shoe support pads (also called ledges) on a drum brake backing plate.
3. Discuss the role of the wheel cylinder in a drum brake system and how it transfers hydraulic pressure.
4. What is the self-energizing action in a dual-servo brake system and how does it affect the braking force?
5. Explain the concept of a labyrinth seal in the context of drum brakes and its significance.

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6. Describe the differences between the primary and secondary shoe in a drum brake system and their respective functions.

7. What are the two main methods used to mount brake linings to the brake shoe?

8. Discuss the purpose of piston stops in a drum brake system and the consequences of their absence.

9. Explain the operation of drum brake self-adjusters and the conditions under which they may over-adjust.

10. Describe the various types of brake fade, including mechanical, lining, and gas fade, and their causes.