

Automotive Technology 7th Edition
Chapter 99
Multiple Choice Quiz B

Name: _____ Date: _____

1. What is the purpose of Tinnerman nuts on a brake drum?
 - A. To hold the brake drum on the vehicle
 - B. To adjust the brake shoes
 - C. To lubricate the brake components
 - D. To prevent the brake drum from rusting

2. What should be done if the shoe contact areas on the backing plate are worn more than 1/16 inch (1.5 mm)?
 - A. The backing plate should be lubricated
 - B. The backing plate should be replaced
 - C. The brake shoes should be replaced
 - D. The vehicle should not be driven

3. What is the correct use of a liquid soaking solvent like brake cleaner in drum brake service?
 - A. To clean the brake drum only
 - B. To wet the linings to prevent asbestos dust from becoming airborne
 - C. To lubricate the brake components
 - D. To clean the technician's tools

4. What is the correct procedure if a riveted brake lining is cracked between rivets?
 - A. The lining should be glued back together
 - B. The crack should be ignored if it is not severe
 - C. The lining must be replaced
 - D. The vehicle should not be driven until it is welded

5. What is the significance of inspecting the backing plate for parallelism with the axle flange?
 - A. To ensure proper brake shoe alignment
 - B. To prevent brake squeal
 - C. To ensure proper wheel cylinder operation
 - D. To check for brake fluid leaks

6. What is the correct action if the wheel cylinder clip is damaged?
 - A. Ignore it if the wheel cylinder is not leaking
 - B. Replace the wheel cylinder clip
 - C. Use a larger clip as a replacement
 - D. Weld the clip to the wheel cylinder

7. What is the recommended action when the starwheel adjuster is damaged?
 - A. Lubricate it to prevent further damage
 - B. Replace the starwheel adjuster
 - C. Adjust it with a hammer
 - D. Ignore it if the brakes are functioning

8. What is the purpose of the cup expanders and spring in a wheel cylinder?
- A. To hold the brake shoes in place
 - B. To adjust the brake shoes
 - C. To provide tension between the cups
 - D. To lubricate the wheel cylinder
9. What is the recommended cleaning agent for brake parts according to most manufacturers?
- A. Clean water only
 - B. Denatured alcohol
 - C. Stoddard solvent
 - D. Detergent and water
10. What is the correct procedure if the brake drum will not fit over the new brake shoes after assembly?
- A. Sand down the brake shoes
 - B. Check the adjustment of the starwheel
 - C. Replace the brake drum
 - D. Ensure the parking brake cable is fully released

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Answer Key

1. A

2. B

3. B

4. C

5. A

6. B

7. B

8. C

9. C

10. D