

# Drum Brake Overhaul

**Meets NATEF Task:** (A5-C-4) Remove, clean, and inspect drum brake parts and reassemble.  
(P-1)

Name \_\_\_\_\_ Date \_\_\_\_\_ Time on Task \_\_\_\_\_

Make/Model/Year \_\_\_\_\_ VIN \_\_\_\_\_ Evaluation: 4 3 2 1

- \_\_\_\_\_ 1. Hoist the vehicle safely to a good working height (about chest high).
- \_\_\_\_\_ 2. Remove the rear wheels and the brake drums.
- \_\_\_\_\_ 3. Carefully inspect the brake drum.
- Hot (hard) spots **OK** \_\_\_\_\_ **NOT OK** \_\_\_\_\_ (requires replacement)
  - Tap with a hammer. The brake drum should ring like a bell if not cracked.  
**OK** \_\_\_\_\_ **NOT OK** \_\_\_\_\_ (requires replacement)

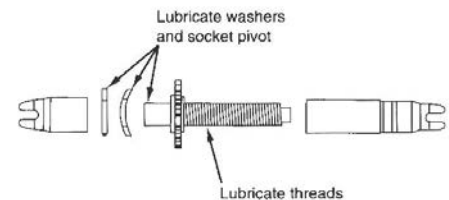
\_\_\_\_\_ 4. Measure the drum and replace or machine as necessary.  
replace \_\_\_\_\_ machine \_\_\_\_\_

\_\_\_\_\_ 5. Remove the old brake lining and hardware.

\_\_\_\_\_ 6. Clean, inspect, and lubricate the backing plate.

\_\_\_\_\_ 7. Inspect and replace the wheel cylinder as necessary.

\_\_\_\_\_ 8. Clean and lubricate the star-wheel adjuster.



- \_\_\_\_\_ 9. Check or replace all hardware including the hold-down springs and return springs.
- \_\_\_\_\_ 10. Double check that the replacement brake shoes are the right size.
- \_\_\_\_\_ 11. Install the brake shoes, hardware, springs, and self adjuster.
- \_\_\_\_\_ 12. Adjust the brake shoes using a drum-shoe clearance gauge.
- \_\_\_\_\_ 13. Have the instructor check your work before installing the brake drum.

**Instructor's OK** \_\_\_\_\_

- \_\_\_\_\_ 14. Install the brake drum, wheel, and torque the lug nuts.
- \_\_\_\_\_ 15. Repeat on the other side of the vehicle.
- \_\_\_\_\_ 16. Lower the vehicle and check for proper brake operation.