

Drum Brake Overhaul

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

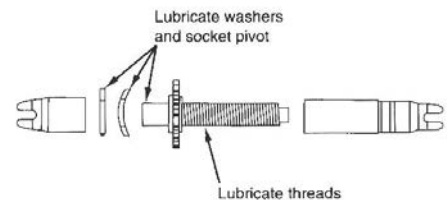
Name _____ Date _____ Time on Task _____

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.