



# Brake Drum Measurement

**Meets NATEF Task:** (A5-C-1) Remove, clean, inspect, and measure brake drums; determine necessary action. (P-1)

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

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

\_\_\_\_\_ 1. Wet the brake drum or use an enclosure to help protect against asbestos exposure.

\_\_\_\_\_ 2. Remove the brake drum from the vehicle and label the left and right to ensure that the drum is replaced in the original location.

\_\_\_\_\_ 2. Thoroughly 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)

\_\_\_\_\_ 3. Determine the maximum allowable inside diameter of the brake drum or the maximum “turn to” dimension.

Maximum allowable inside diameter = \_\_\_\_\_ (allow 0.030” for wear)

Maximum “turn to” diameter = \_\_\_\_\_

\_\_\_\_\_ 4. Measure the drum using a drum micrometer.

Left = \_\_\_\_\_ Right = \_\_\_\_\_

OK to machine \_\_\_\_\_ NOT OK to machine \_\_\_\_\_

\_\_\_\_\_ 5. Based on the inspection, what is the necessary action? \_\_\_\_\_

\_\_\_\_\_