

# Telescopic Gauge

Meets NATEF Task: Not specified by NATEF

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

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

A telescopic gauge is used with a micrometer to measure the inside diameter of a hole or bore. The inside diameter of a hole can be measured by inserting a telescopic gauge into the bore and rotating the handle lock to allow the arms of the gauge to contact the inside bore of the cylinder. Tighten the handle lock and remove the gauge from the cylinder. Use a micrometer to measure the telescopic gauge. Use a telescopic gauge with a micrometer and measure the following.

\_\_\_\_\_ 1. Camshaft bearing bore = \_\_\_\_\_

Specification = \_\_\_\_\_

OK \_\_\_\_\_ NOT OK \_\_\_\_\_

\_\_\_\_\_ 2. Main bearing bore (housing bore) measurement = \_\_\_\_\_

Specification = \_\_\_\_\_

OK \_\_\_\_\_ NOT OK \_\_\_\_\_

\_\_\_\_\_ 3. Cylinder bore = \_\_\_\_\_

Specification = \_\_\_\_\_

OK \_\_\_\_\_ NOT OK \_\_\_\_\_

\_\_\_\_\_ 4. Connecting rod big-end bore  
measurement = \_\_\_\_\_

Specification = \_\_\_\_\_

OK \_\_\_\_\_ NOT OK \_\_\_\_\_

\_\_\_\_\_ 5. Connecting rod small-end bore measurement = \_\_\_\_\_

Specification = \_\_\_\_\_

OK \_\_\_\_\_ NOT OK \_\_\_\_\_

