

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 _____