

# Vernier Dial Caliper

Meets NATEF Task: Not specified by NATEF

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

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

A Vernier dial caliper is usually used to measure the outside diameter or length of a component such as a piston diameter or crankshaft and camshaft bearing journal diameter. Use a vernier dial caliper to measure the following items.

- \_\_\_\_\_ 1. Pushrod diameter = \_\_\_\_\_
- \_\_\_\_\_ 2. Intake valve stem diameter = \_\_\_\_\_
- \_\_\_\_\_ 3. Exhaust valve stem diameter = \_\_\_\_\_
- \_\_\_\_\_ 4. Camshaft bearing diameter = \_\_\_\_\_
- \_\_\_\_\_ 5. Piston diameter = \_\_\_\_\_



Check the factory specifications for exact location on the piston to measure the diameter.

Location = \_\_\_\_\_

- \_\_\_\_\_ 6. Crankshaft main bearing journal diameter = \_\_\_\_\_
- \_\_\_\_\_ 7. Crankshaft rod bearing journal diameter = \_\_\_\_\_