

Vernier Dial Caliper

Meets ASE Task: (Not specified by ASE)

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 = _____

