A dial indicator is a precision measuring instrument used to measure clearance to within thousandths of an inch. Use a dial indicator to measure the following.

Evaluation (Enter number from 4, 3, 2, 1) :\_\_\_\_\_\_\_\_\_

Meets ASE task: **(**A0-B-5) Demonstrate proper use of precision measuring tools (e.g., micrometer, dial-indicator, dial-caliper).

**Dial Indicator**

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**[ ]  1.** Crankshaft end play = \_\_\_\_\_\_\_\_\_\_\_\_\_

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



 **OK [ ]  NOT OK [ ]**

**[ ]  2.** Crankshaft runout = \_\_\_\_\_\_\_\_\_\_\_\_\_

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

 **OK [ ]  NOT OK [ ]**

**[ ]  3.** Valve guide clearance = \_\_\_\_\_\_\_\_\_\_

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

 **OK [ ]  NOT OK [ ]**

**[ ]  4.** Camshaft runout = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

 **OK [ ]  NOT OK [ ]**