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:\_\_\_\_\_\_\_\_\_\_\_\_\_

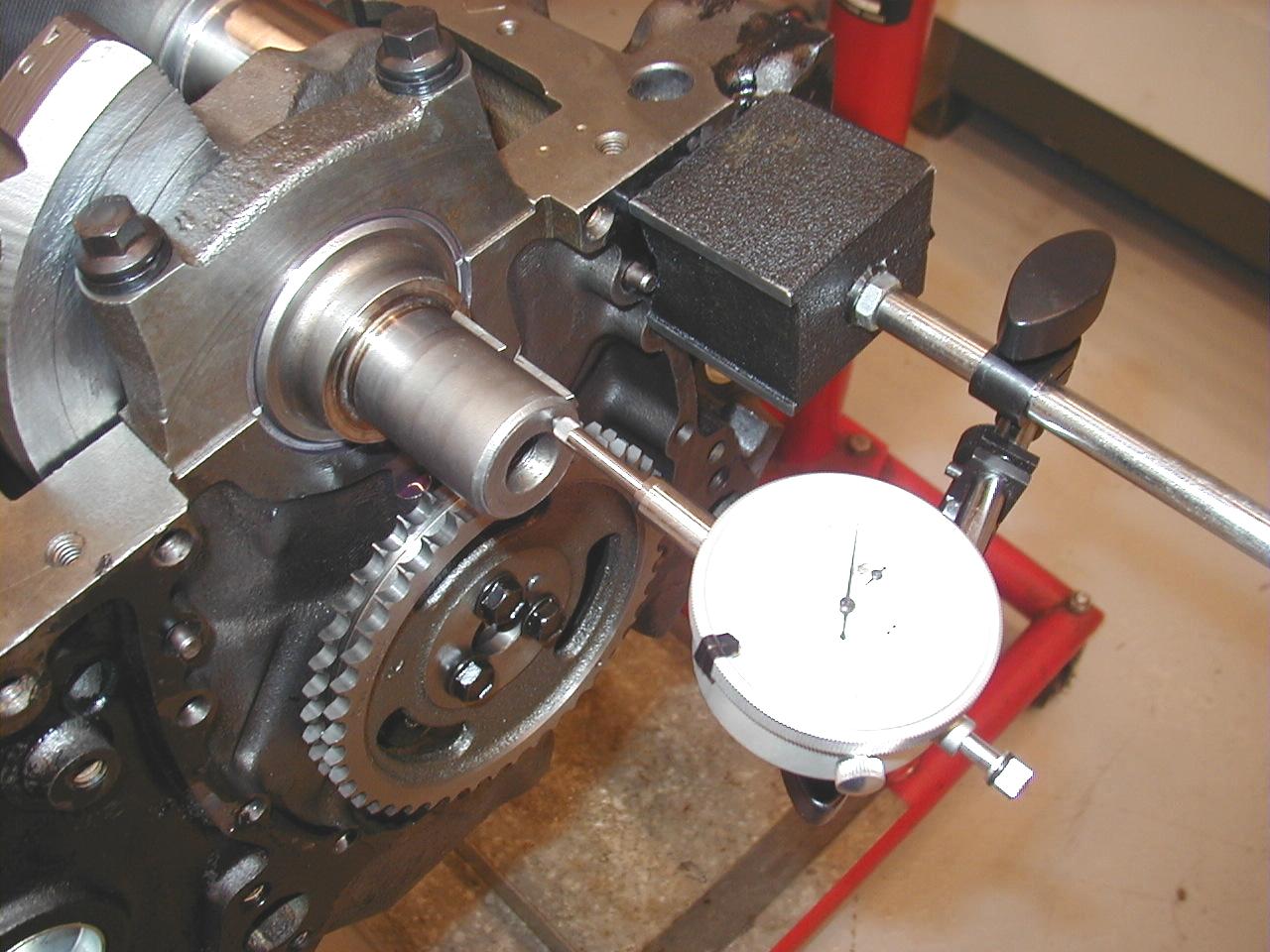
Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

Page 20

**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**