**Meets ASE Task:** (A1-B-7) P-2 Inspect and measure camshaft bearings for wear, damage, out-of-round, and alignment; determine needed action.

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

**Camshaft Bearings**

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

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

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

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

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

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 **1.** Check service information to determine the

specified procedures and specifications

for measuring camshaft bearings.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2.** Visually inspect the camshaft bearings for

damage and excessive wear.

**OK**  **NOT OK**

Describe faults: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**3.** Measure the camshaft bearings and compare to specifications.

Front bearing Diameter = \_\_\_\_\_\_\_\_\_\_\_\_ Specifications = \_\_\_\_\_\_\_\_\_\_\_\_

Out of round = \_\_\_\_\_\_\_\_\_\_\_\_ Specifications = \_\_\_\_\_\_\_\_\_\_\_\_

Second bearing Diameter = \_\_\_\_\_\_\_\_\_\_\_\_ Specifications = \_\_\_\_\_\_\_\_\_\_\_\_

Out of round = \_\_\_\_\_\_\_\_\_\_\_\_ Specifications = \_\_\_\_\_\_\_\_\_\_\_\_

Third bearing Diameter = \_\_\_\_\_\_\_\_\_\_\_\_ Specifications = \_\_\_\_\_\_\_\_\_\_\_\_

Out of round = \_\_\_\_\_\_\_\_\_\_\_\_ Specifications = \_\_\_\_\_\_\_\_\_\_\_\_

Fourth bearing Diameter = \_\_\_\_\_\_\_\_\_\_\_\_ Specifications = \_\_\_\_\_\_\_\_\_\_\_\_

Out of round = \_\_\_\_\_\_\_\_\_\_\_\_ Specifications = \_\_\_\_\_\_\_\_\_\_\_\_

Fifth bearing Diameter = \_\_\_\_\_\_\_\_\_\_\_\_ Specifications = \_\_\_\_\_\_\_\_\_\_\_\_

Out of round = \_\_\_\_\_\_\_\_\_\_\_\_ Specifications = \_\_\_\_\_\_\_\_\_\_\_\_

**4.** Based on the inspection and measurements of the camshaft bearings, what is the

needed action?

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_