**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:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Page 110

**[ ]  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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