

# Main and Rod Bearings

**Meets ASE Task:** (A1-C-9) P-2 Inspect main and connecting rod bearings for damage and wear; determine needed action.

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Time on Task: \_\_\_\_\_

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

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

1. Check service information to determine the specified procedures and specifications for main and connecting rod bearings.

\_\_\_\_\_

2. Visually check the main and connecting rod bearings for damage or excessive wear.

OK  NOT OK  Describe faults: \_\_\_\_\_

3. Measure the main bearings and compare to factory specifications.

Front main bearing = \_\_\_\_\_ Specifications = \_\_\_\_\_

Second main bearing = \_\_\_\_\_ Specifications = \_\_\_\_\_

Third main bearing = \_\_\_\_\_ Specifications = \_\_\_\_\_

Fourth main bearing = \_\_\_\_\_ Specifications = \_\_\_\_\_

Fifth main bearing = \_\_\_\_\_ Specifications = \_\_\_\_\_

Sixth main bearing = \_\_\_\_\_ Specifications = \_\_\_\_\_

Seventh main bearing = \_\_\_\_\_ Specifications = \_\_\_\_\_

Eighth main bearing = \_\_\_\_\_ Specifications = \_\_\_\_\_

4. Record connecting rod bearing measurements and compare to factory specifications.

Front connecting rod bearing = \_\_\_\_\_ Specifications = \_\_\_\_\_

Second connecting rod bearing = \_\_\_\_\_ Specifications = \_\_\_\_\_

Third connecting rod bearing = \_\_\_\_\_ Specifications = \_\_\_\_\_

Fourth connecting rod bearing = \_\_\_\_\_ Specifications = \_\_\_\_\_

Fifth connecting rod bearing = \_\_\_\_\_ Specifications = \_\_\_\_\_

Sixth connecting rod bearing = \_\_\_\_\_ Specifications = \_\_\_\_\_

Seventh connecting rod bearing = \_\_\_\_\_ Specifications = \_\_\_\_\_

Eighth connecting rod bearing = \_\_\_\_\_ Specifications = \_\_\_\_\_

5. Check the main bearing end play and compare to factory specifications.

End play = \_\_\_\_\_ Specifications = \_\_\_\_\_

6. Based on the inspection and measurements of the main and connecting rod bearings, what is the needed action (include the proper selection of bearings)?

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