

Main and Rod Bearings

Meets ASE Task: (A1-C-8) 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: 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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