



Main and Rod Bearings

Meets NATEF Task: (A1-C-7) Inspect main and connecting rod bearings for damage and wear; determine necessary action. (P2)

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 necessary action (include the proper selection of bearings)?
