



# Main and Rod Bearings

**Meets NATEF Task:** (A1-C-7) Inspect main and connecting rod bearings for damage and wear; Determine necessary action. (P-2)

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)?

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