

# Crankshaft Inspection

**Meets NATEF Task:** (A1-C-6) Inspect crankshaft for straightness, journal damage, keyway damage; determine necessary action (P-1)

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

Make/Model/Year \_\_\_\_\_ VIN \_\_\_\_\_ Evaluation: 4 3 2 1

\_\_\_\_\_ 1. Check service information for the crankshaft specifications and inspection procedure.



\_\_\_\_\_ 2. Inspect crankshaft for straightness.                      **OK** \_\_\_\_ **NOT OK** \_\_\_\_

\_\_\_\_\_ 3. Check crankshaft journals for damage.                      **OK** \_\_\_\_ **NOT OK** \_\_\_\_

\_\_\_\_\_ 4. Check the crankshaft keyway for damage.                      **OK** \_\_\_\_ **NOT OK** \_\_\_\_

\_\_\_\_\_ 5. Check the crankshaft thrust flange and sealing surfaces condition.

**OK** \_\_\_\_ **NOT OK** \_\_\_\_

\_\_\_\_\_ 6. Visually check the crankshaft for cracks.                      **OK** \_\_\_\_ **NOT OK** \_\_\_\_

\_\_\_\_\_ 7. Measure crankshaft journals and determine if worn.

Main bearing journals: \_\_\_\_\_

Rod bearing journals: \_\_\_\_\_

\_\_\_\_\_ 8. Based on the results of the inspection and measurement of the crankshaft, what is the necessary action?

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