

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?

