

Crankshaft Specification and Measurement

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

Engine _____ VIN _____

Check service information to obtain the specifications.



_____ 1. Forged _____ Cast _____ Unknown _____

_____ 2. Number of main bearings: _____

_____ 3. Thrust taken by which bearing? _____

_____ 4. Main bearing journal diameter specification: _____

_____ 5. Maximum main bearing journal out-of-round or taper: _____

_____ 6. Connecting rod bearing journal diameter specification: _____

Actual measured connecting rod bearing journal diameter: _____

_____ 7. Maximum specified rod bearing journal out-of-round or taper: _____

Actual measured rod-bearing journal out-of-round: _____

_____ 8. Connecting rod side clearance specification: _____

Actual measured connection rod side clearance: _____

_____ 9. Crankshaft endplay specification: _____

Actual measured crankshaft endplay: _____

_____ 10. What is the necessary action? _____
