

Crankshaft Inspection

Meets ASE Task: (A1-C-7) P-1 Inspect crankshaft for straightness, journal damage, keyway Damage; determine needed action.

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 needed action?