

Piston and Bearing Wear Patterns

Meets NATEF Task: (A1-C-8) Identify piston and bearing wear patterns that connecting rod alignment and main bearing bore problems; determine necessary action. (P-3)

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

_____ 1. Check service information to determine procedures and specifications for connecting rod and main bearing bore alignment.

_____ 2. Visually inspect the piston skirts for *diagonal wear*, which could indicate a bent connecting rod.

OK ____ NOT OK ____

_____ 3. Visually inspect the connecting rod bearings for abnormal wear patterns.

OK ____ NOT OK ____ Describe faults: _____

_____ 4. Visually inspect the main bearings for abnormal wear patterns.

OK ____ NOT OK ____ Describe faults: _____

_____ 5. Using the specified procedure and equipment, check the connecting rods for proper alignment.

OK ____ NOT OK ____ Describe faults: _____

_____ 6. Using the specified procedure and equipment, check the main bearing bore for proper alignment.

OK ____ NOT OK ____ Describe faults: _____

