

Piston and Bearing Wear Patterns

Meets ASE Task: (A1-C-9) P-3 Identify piston and bearing wear patterns that connecting rod alignment and main bearing bore problems; determine needed action.

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: _____

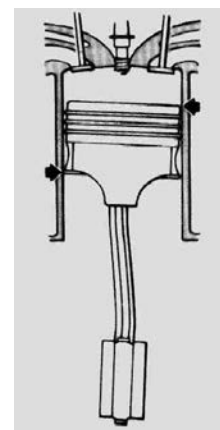
- _____ 4. Visually inspect the main bearings for abnormal wear patterns.

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: _____
