

# Piston and Bearing Wear Patterns

Meets ASE Task: A1 – C-10 – P-2

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Time on Task: \_\_\_\_\_

Make/Model/Year: \_\_\_\_\_ VIN: \_\_\_\_\_

Evaluation (Enter number from 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: \_\_\_\_\_
- \_\_\_\_\_