

# Feeler Gauge

Meets ASE Task: Not specified

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

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

Evaluation (Enter number from 4, 3, 2, 1) : \_\_\_\_\_

- 1. A feeler gauge (also known as a thickness gauge) is an accurately manufactured strip of metal that is used to determine the gap or clearance between two components. Use a feeler gauge to check the following.
- 2. Piston ring end gap = \_\_\_\_\_  
Specification = \_\_\_\_\_ (normally 0.004 in. per inch of bore)  
OK  \_\_\_\_\_ NOT OK  \_\_\_\_\_
- 3. Piston ring side clearance = \_\_\_\_\_  
Specification = \_\_\_\_\_ (normally 0.001 to 0.003 in.)  
OK  \_\_\_\_\_ NOT OK  \_\_\_\_\_
- 4. Piston-to-cylinder wall clearance = \_\_\_\_\_  
Specification = \_\_\_\_\_ (normally 0.001 to 0.003 in.)  
OK  \_\_\_\_\_ NOT OK  \_\_\_\_\_
- 5. Connecting rod side clearance = \_\_\_\_\_  
Specification = \_\_\_\_\_  
OK  \_\_\_\_\_ NOT OK  \_\_\_\_\_

