

# Feeler Gauge

Meets ASE Task: (Not specified by ASE)

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

Make/Model/Year \_\_\_\_\_ VIN \_\_\_\_\_ Evaluation: 4 3 2 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.

\_\_\_\_\_ 1. Piston ring end gap = \_\_\_\_\_

Specification = \_\_\_\_\_ (normally 0.004 in. per inch of bore)

OK \_\_\_\_\_ NOT OK \_\_\_\_\_

\_\_\_\_\_ 2. Piston ring side clearance = \_\_\_\_\_

Specification = \_\_\_\_\_ (normally 0.001 to 0.003 in.)

OK \_\_\_\_\_ NOT OK \_\_\_\_\_

\_\_\_\_\_ 3. Piston-to-cylinder wall clearance = \_\_\_\_\_

Specification = \_\_\_\_\_ (normally 0.001 to 0.003 in.)

OK \_\_\_\_\_ NOT OK \_\_\_\_\_

\_\_\_\_\_ 4. Connecting rod side clearance = \_\_\_\_\_

Specification = \_\_\_\_\_

OK \_\_\_\_\_ NOT OK \_\_\_\_\_

