Micrometer

Meets ASE Task: Not specified

Name:_____   Date:_____   Time on Task:_____

Make/Model/Year:_____   VIN:_____

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

- [ ] 1. A micrometer is the most used measuring instrument in engine service and repair. The thimble rotates over the barrel on a screw that has 40 threads per inch. Every revolution of the thimble moves the spindle 0.025 inch. The thimble is graduated into 25 equally spaced lines; therefore, each line represents 0.001 inch. Measure and record the following engine components.

- [ ] Pushrod diameter = _____

- [ ] Intake valve stem diameter = _____

- [ ] Exhaust valve stem diameter = _____

- [ ] Camshaft bearing diameter = _____

- [ ] Piston diameter = _____

- [ ] Crankshaft main bearing journal diameter = _____

- [ ] Crankshaft rod bearing journal diameter = _____