

# Cylinder Block Specification/Measurement

Meets ASE Task: (A1-A-2) P-1 Research applicable vehicle and service information.

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

Make/Model/Year \_\_\_\_\_ VIN \_\_\_\_\_ Evaluation: 4 3 2 1

\_\_\_\_\_ 1. Measure the main bearing bores (specification: \_\_\_\_\_):

#1 \_\_\_\_\_ #2 \_\_\_\_\_ #3 \_\_\_\_\_ #4 \_\_\_\_\_ #5 \_\_\_\_\_ #6 \_\_\_\_\_ #7 \_\_\_\_\_

\_\_\_\_\_ 2. Specification for maximum out-of-round: \_\_\_\_\_

\_\_\_\_\_ 3. Measure the cylinder bores for out-of-round:

#1 #2 #3 #4 #5 #6 #7 #8

Out-of-round \_\_\_\_\_

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

\_\_\_\_\_ 4. Specification for maximum cylinder taper: \_\_\_\_\_

\_\_\_\_\_ 5. Measure the cylinder bores for taper:

#1 #2 #3 #4 #5 #6 #7 #8

Taper \_\_\_\_\_

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

\_\_\_\_\_ 6. Bore or hone cylinders as needed Yes \_\_\_\_\_ No \_\_\_\_\_

\_\_\_\_\_ 7. Specification for flatness of block deck \_\_\_\_\_

\_\_\_\_\_ 8. Measure flatness of the block deck \_\_\_\_\_

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

