**Meets ASE Task:** (A1-A-1) P-1 Research vehicle service information such as fluid type, internal combustion engine operation, vehicle service history, service precautions, technical service bulletins, and recalls including vehicles equipped with advanced driver assistance systems (ADAS).

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

**Cylinder Block Specification/Measurement**

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

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

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**[ ]  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 [ ]**