**Meets ASE Task:** (A1-C-6) P-2 Perform deglazing and cleaning of cylinder walls.

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

**Cylinder Bore Deglazing**

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

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

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

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

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

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A deglazing hone is designed to remove the hard surface glaze in the cylinder. A deglazing hone is flexible so that it can follow the shape of the cylinder and cannot be used to straighten the cylinder.

**[ ]  1.** Completely disassemble the engine block.

**[ ]  2.** Measure the cylinder for out-of round.

 Maximum out-of-round specification = \_\_\_\_\_\_\_\_\_\_\_

 Actual out-of-round:

 cylinder #1 \_\_\_\_\_\_\_\_\_ cylinder #5 \_\_\_\_\_\_\_\_\_\_

 cylinder #2 \_\_\_\_\_\_\_\_\_ cylinder #6 \_\_\_\_\_\_\_\_\_\_

cylinder #3 \_\_\_\_\_\_\_\_\_ cylinder #7 \_\_\_\_\_\_\_\_\_\_

cylinder #4 \_\_\_\_\_\_\_\_\_ cylinder #8 \_\_\_\_\_\_\_\_\_\_

**OK [ ]  NOT OK [ ]**

**[ ]  3.** Measure the cylinder for taper.

 Specifications = \_\_\_\_\_\_\_\_\_\_\_

 Actual cylinder taper:

cylinder #1 \_\_\_\_\_\_\_\_\_ cylinder #5 \_\_\_\_\_\_\_\_\_\_

 cylinder #2 \_\_\_\_\_\_\_\_\_ cylinder #6 \_\_\_\_\_\_\_\_\_\_

cylinder #3 \_\_\_\_\_\_\_\_\_ cylinder #7 \_\_\_\_\_\_\_\_\_\_

cylinder #4 \_\_\_\_\_\_\_\_\_ cylinder #8 \_\_\_\_\_\_\_\_\_\_

**OK [ ]  NOT OK [ ]**

**[ ]  4.** If both cylinder taper and out-of-round measurements are within factory

 specifications, select a deglazing hone of the proper size with a 220 or 280 grit stone.

**[ ]  5.** Install the hone into an electric drill motor and hone the cylinders being sure to use the

 proper coolant/lubricant specified by the manufacturer of the hone.

**[ ]  6.** After honing, be sure to wash the block with soap or detergent to thoroughly clean all

 of the honing grit from the block.