

Cylinder Bore Deglazing

Meets ASE Task: A1 – C-6 – P-2

Name: _____ Date: _____ Time on Task: _____

Make/Model/Year: _____ VIN: _____

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

- 1. 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.
- 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 the honing grit from the block

