

Cylinder Ridge Reaming

Meets NATEF Task: Not specified by NATEF

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

A ridge appears at the top of the cylinder where the piston rings do not travel. The ridge is actually the original size of the cylinder, and the area below the ridge is where the piston rings have worn the cylinder. Before removing the pistons, this ridge should be removed to help prevent damage to the pistons when they are pushed out of the top of the engine.

_____ 1. Remove the cylinder head(s) from the engine.

_____ 2. Rotate the crankshaft so that the piston is at the bottom of the cylinder before removing the ridge.

Estimated thickness of the ridge = _____

_____ 3. Install the ridge reamer and adjust the size of the cylinder with the cutter blade just below the ridge.

_____ 4. Rotate the ridge reamer clockwise to remove the ridge.

_____ 5. Repeat for the other cylinders.

