A020 - CPU Initialization / Auto-Z Calibration

NOTE: This procedure must be performed with the solid aluminum <u>Engraving Table</u> installed. Do not use the honeycomb Cutting Table for this procedure.

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1. Power up your computer and the VLS. Home the Z-axis by clicking the HOME Z button in the VIEWER tab of the VCP.
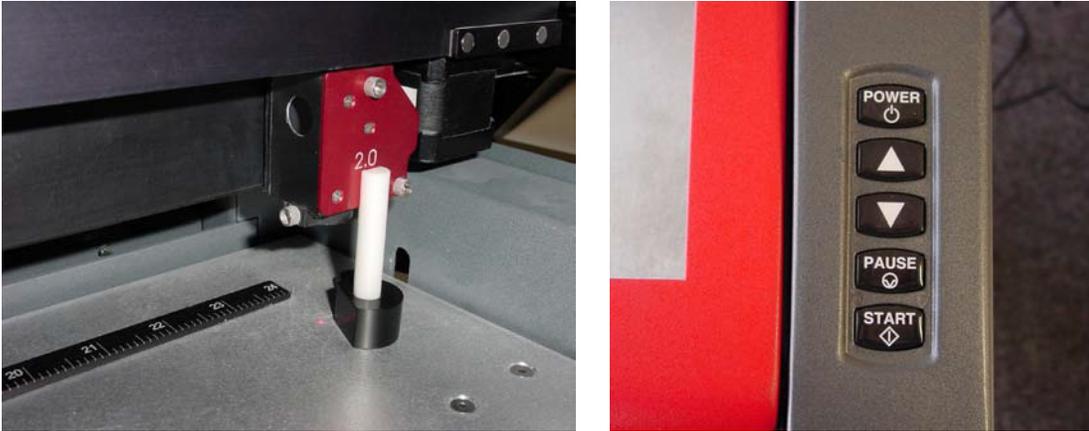
2. Using the UP and DOWN arrow buttons, either on the machine or in the UCP, bring the Z-axis table up. Using the appropriate Focus Tool for the lens installed (the standard is 2.0, other Focus Lens Kits are optional), focus directly on the surface of the table.

3. In the UCP, click the SYSTEM tab and choose 2.0 from the Lens Size list.
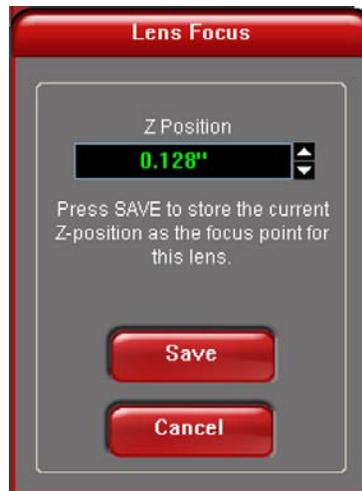
4. Click on the Calibrate button within the Lens Size box of the System Tab. The following window appears. Click on Save to accept the new Z Position. Your 2.0 Lens has now been calibrated.
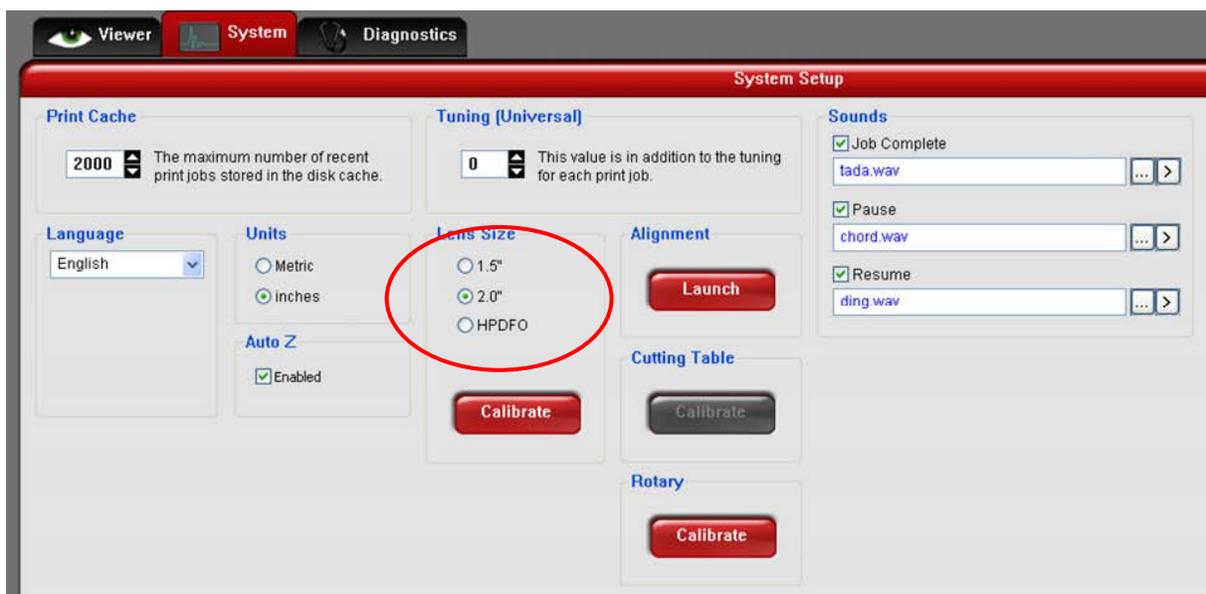
5. If you have purchased the 1.5 or HPDFO optional lens kits, calibrate the lens kit according to steps 1 through 4. Be sure you select the proper lens size from the list before calibrating.

6. Return to the Viewer Tab select Home Z. After table homes bring back to 0.0 and double check focus with your focus tool. Repeat procedure if necessary.