

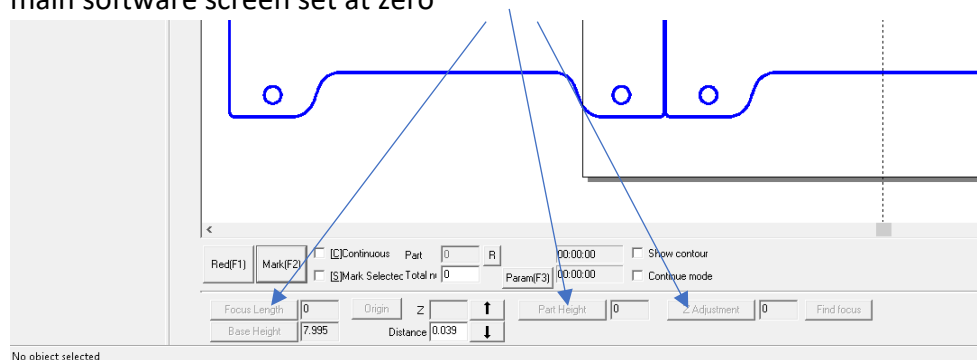
Why is my Z-Axis exceeding its max travel?

Scenario 1

- Z-Axis grinding at the top of the Axis past the Home switch.
 1. Hit the E-stop and manually bring the Z-axis using the knob on the top of the Z-Axis
 2. Ensure that the home switch is still aligned. With the cover still on manually bring the axis up and listen for a click. The click is the home switch. If you don't hear a click you will have to remove the stainless-steel cover to reveal the home switch. To remove take out the Phillips head screws. The home switch should be aligned so when you bring the axis towards the top it clicks once it reaches the home position, to adjust there are 2 bolts that you will have to loosen to adjust the switch.



3. Make sure that you have the Focus Length, Part Height, and Z Adjustment in the main software screen set at zero



4. Origin the Z-Axis through the main screen.

Scenario 2

- Z-Axis grinding out at the bottom of the Axis
 1. This could be caused by hitting the “Esc” button while the Axis is in movement causing the stepper motor to lose position.
 2. Hit the E-Stop and manually bring the Z-Axis up using the knob on the top of the Z-Axis
 3. Origin the Z-Axis through the main screen