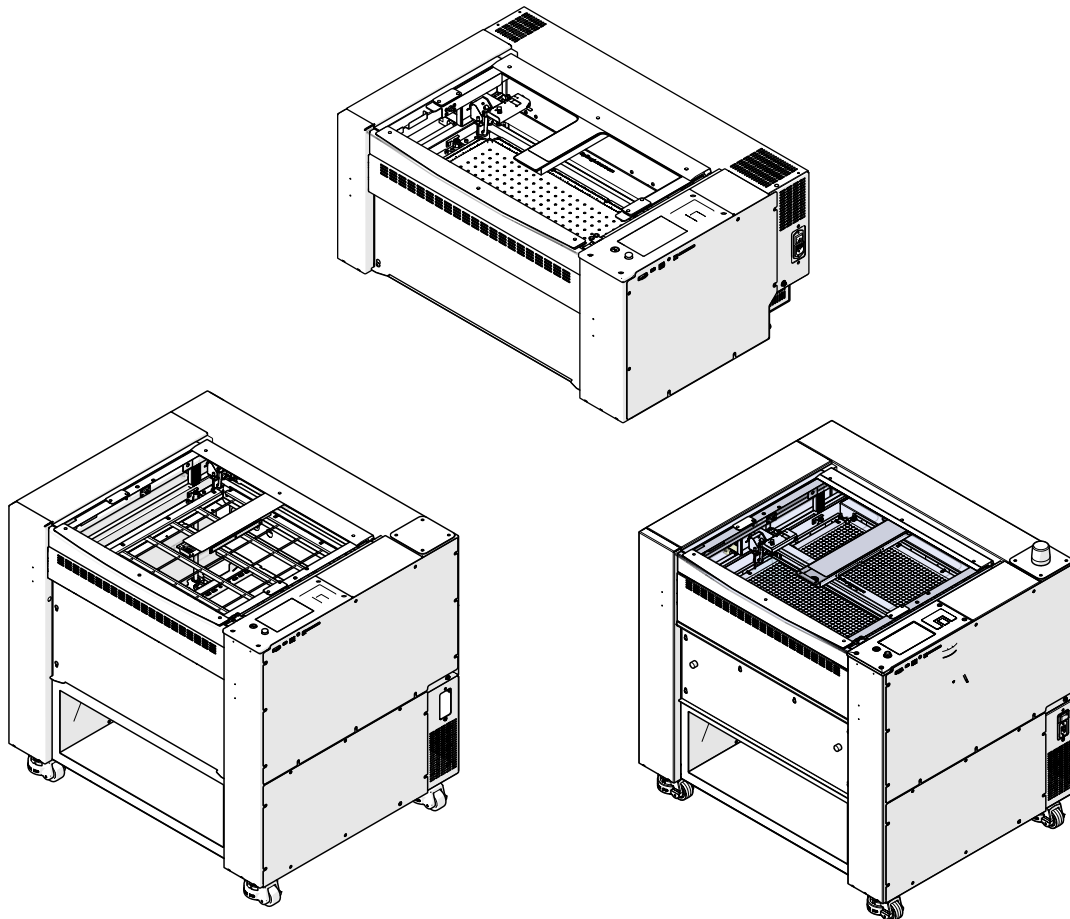


Z-Axis Switch Board (PCB) Replacement Fusion Maker - Fusion Edge - Fusion Pro 24 & 36



Parts Required

- LC0802 - PCBA, Z Switch
 - 24 x 12 tables
- LC0824 - PCBA, Z Switch, 24
 - 24 x 24 and 36 x 24 tables

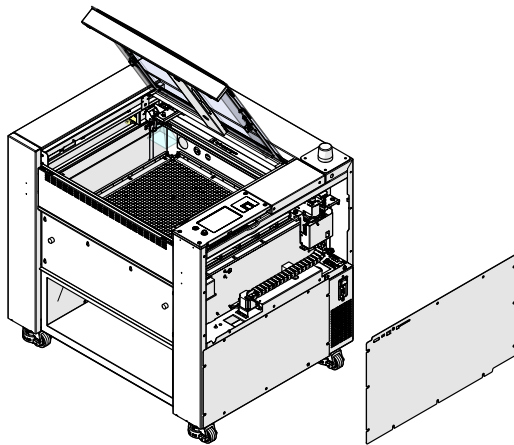
Tools/ Materials Required

- 5/32" Allen Wrench
- 5/16" Nut Driver or Adjustable Wrench
- Anti-Static Bracelet
- Pencil or Marker

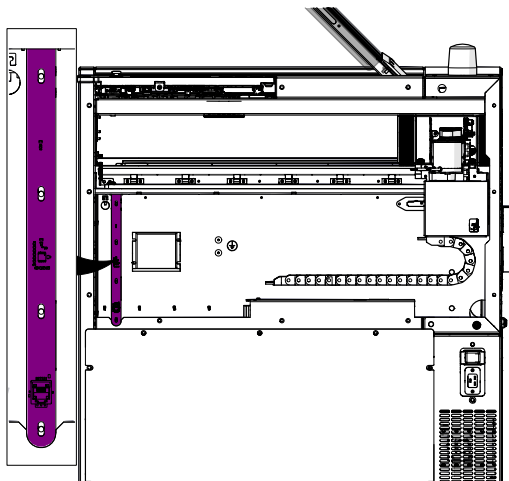
Z-Axis PCB Replacement

Z-Axis PCB Removal

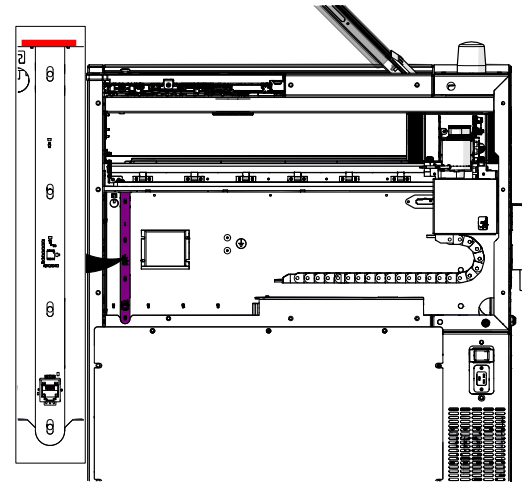
1. Turn off the engraver.
2. Disconnect the engraver from power.
3. Remove the right panel of the engraver:



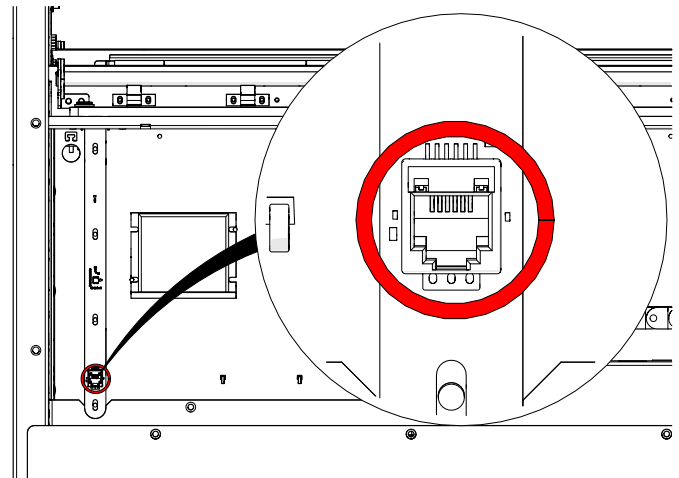
4. Place the anti-static strap around your wrist and attach the clamp to a bare metal surface on the engraver.
5. Locate the Z-axis PCB at the front right side of the engraver:



5. Using a pencil, make a mark on the engraver chassis that corresponds with the top edge of the z-axis PCB. This will help to ensure that the new z-axis PCB is installed in the correct position:

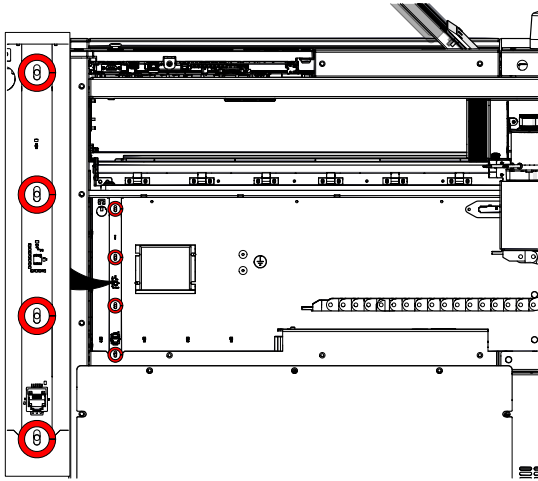


6. Disconnect the data cable on the z-axis PCB:

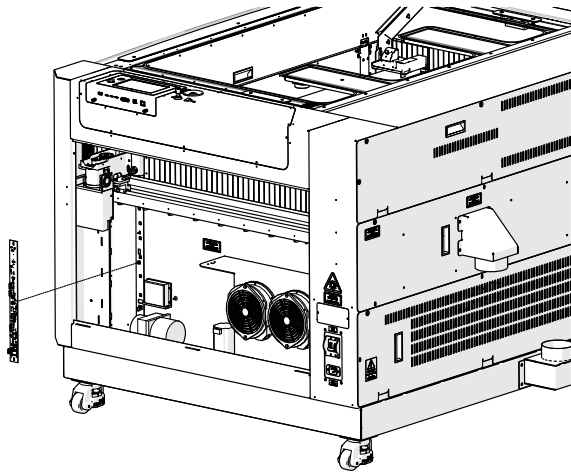


17000 - Z-Axis PCB Replacement

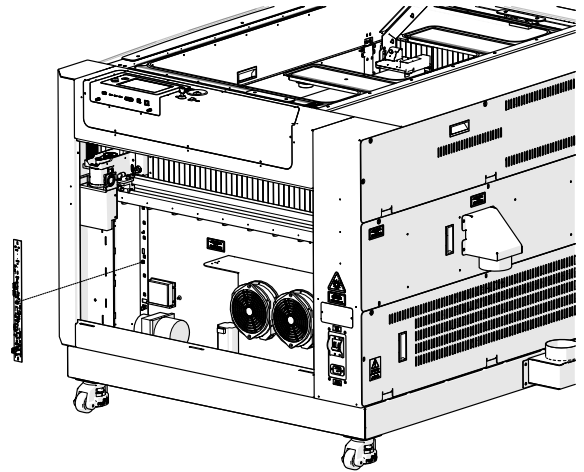
7. Loosen and remove the four (4) 5/16 nuts that secure the z-axis PCB to the engraver chassis:



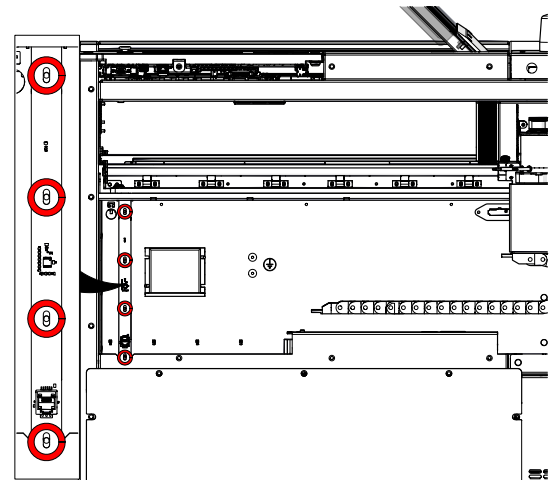
8. Remove the z-axis PCB from the engraver:



2. Place the z-axis PCB over the mounting studs:



3. Install, but do not fully tighten the four (4) 5/16 nuts that secure the z-axis PCB to the chassis of the engraver:



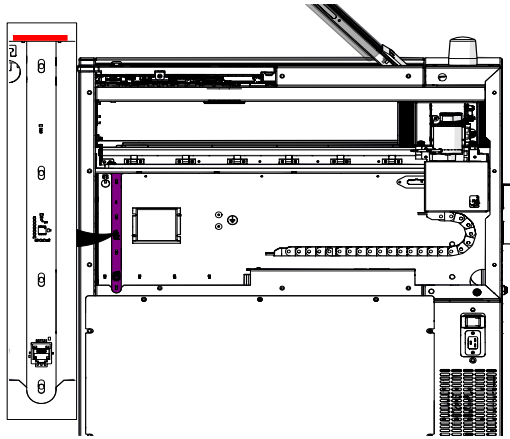
Z-Axis PCB Installation



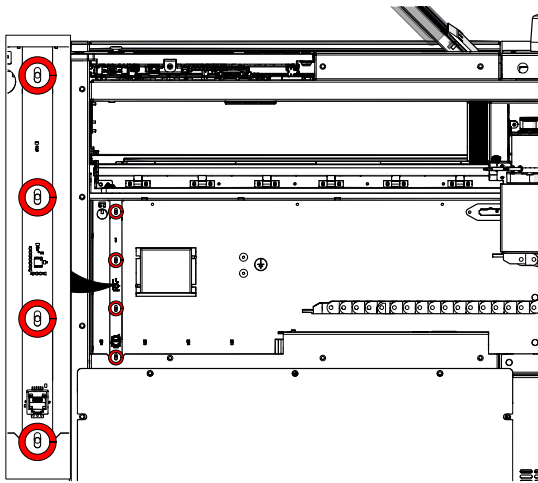
1. Place the anti-static strap around your wrist and attach the clamp to a bare metal surface on the engraver.

17000 - Z-Axis PCB Replacement

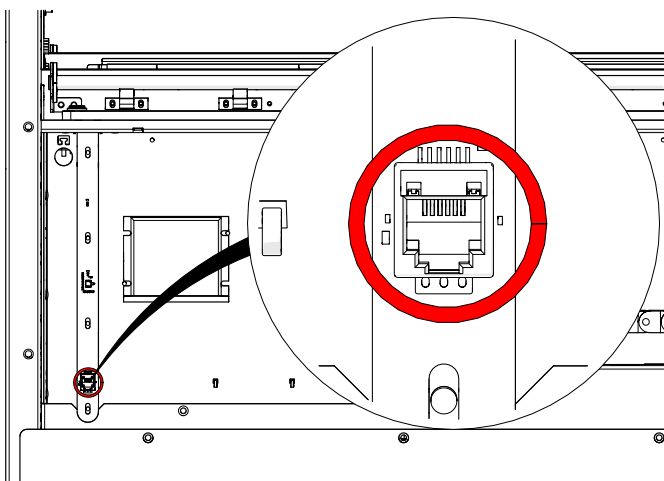
4. Lift the z-axis PCB until the top edge of the board is aligned with the pencil mark created in the removal procedure:



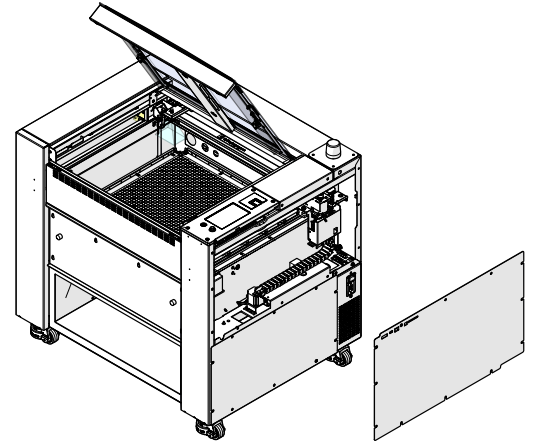
5. Tighten the four (4) 5/16 nuts that secure the z-axis PCB to the chassis of the engraver:



6. Connect the communication cable to the z-axis PCB:



7. Replace the right panel of the engraver:



After replacing the z-axis PCB, complete the table calibration, CO2 and or fiber focus, and autofocus calibrations.

If further assistance is required, please contact Epilog Laser Technical Support by phone at 303-215-9171, or by email at tech@epiloglaser.com