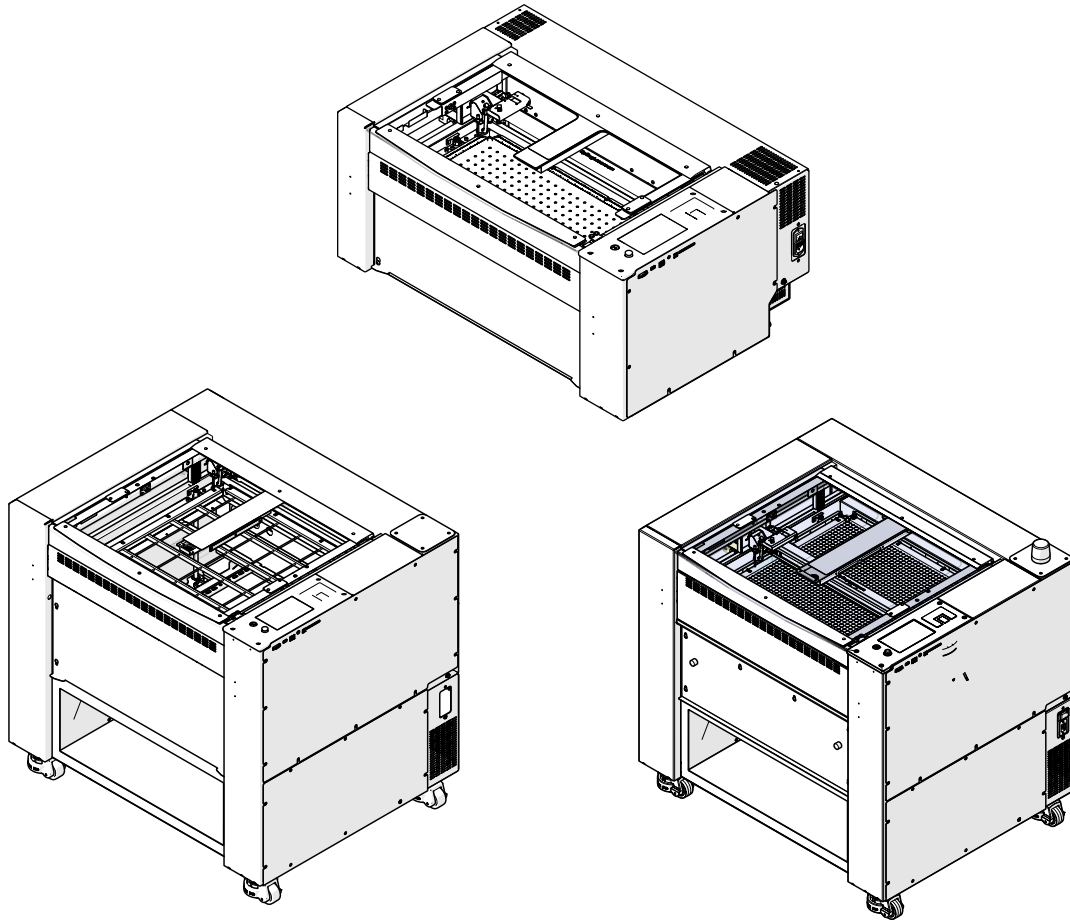


Z-Axis Motor Replacement

Fusion Maker - Fusion Edge - Fusion Pro 24 & 36



Parts Required

- LC0489 - Assy, Table Motor

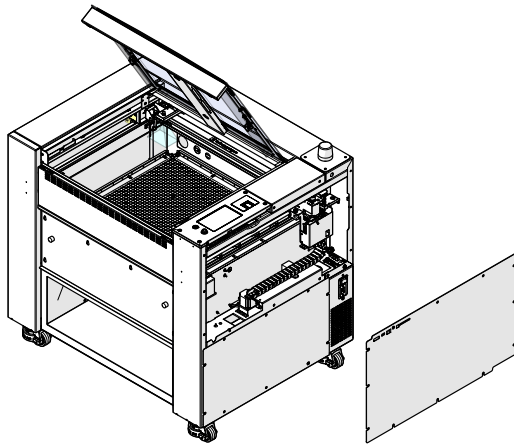
Tools & Materials Required

- 5/32" Allen Wrench
- Pencil or Marker

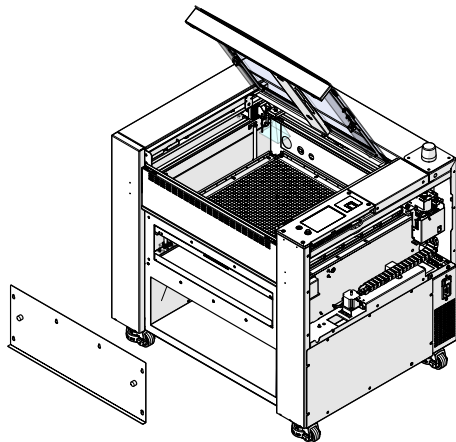
Z- Motor Replacement

Z-Motor Removal

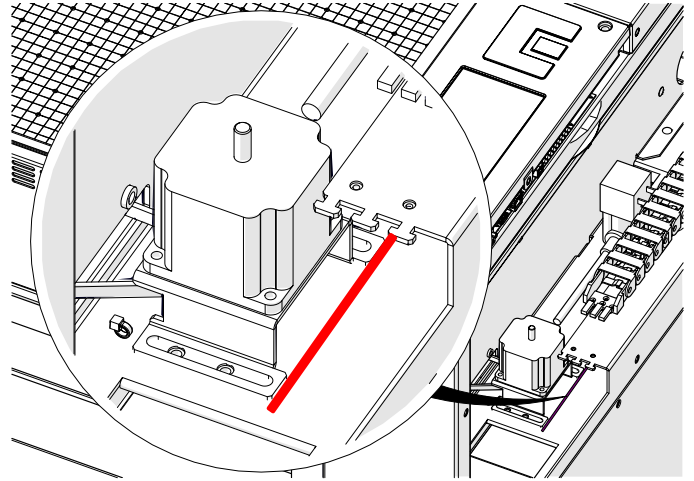
1. Turn off the engraver.
2. Disconnect the engraver from power.
3. Remove the right panel of the engraver:



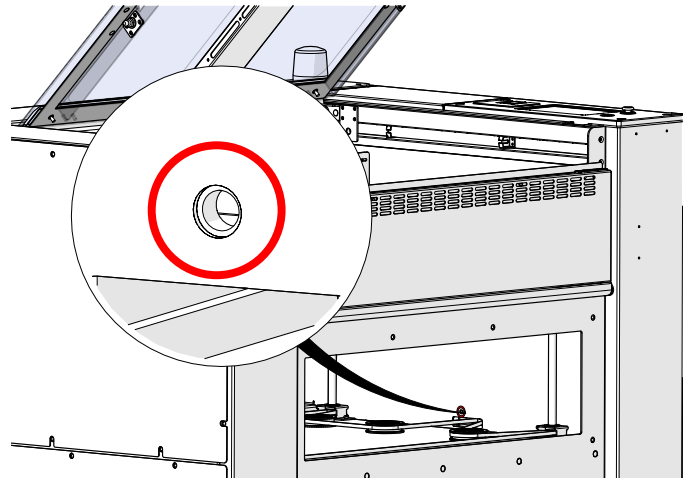
4. Remove the front access panel and the crumb tray of the engraver:



5. Using a pencil, make a mark on the engraver chassis that corresponds with the leading edge of the z-axis motor body. This will help to ensure the correct z-axis belt tension is applied when the new z-axis motor is installed:

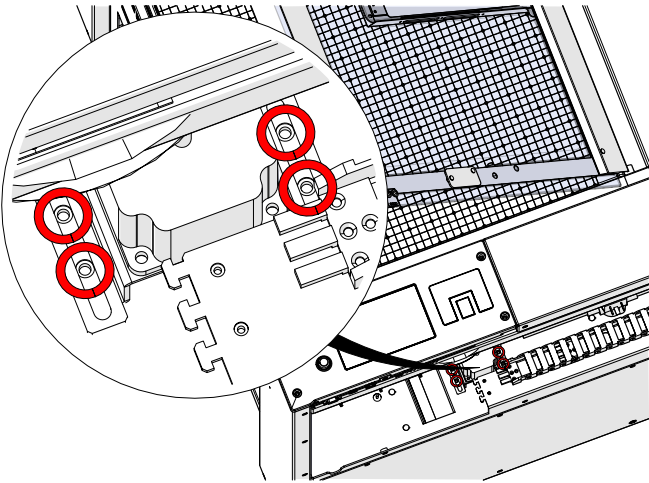


6. Disconnect the z-axis motor electrical harness.
7. Loosen, but do not remove the z-axis motor tensioner thumbscrew to release the tension on the z-axis belt:

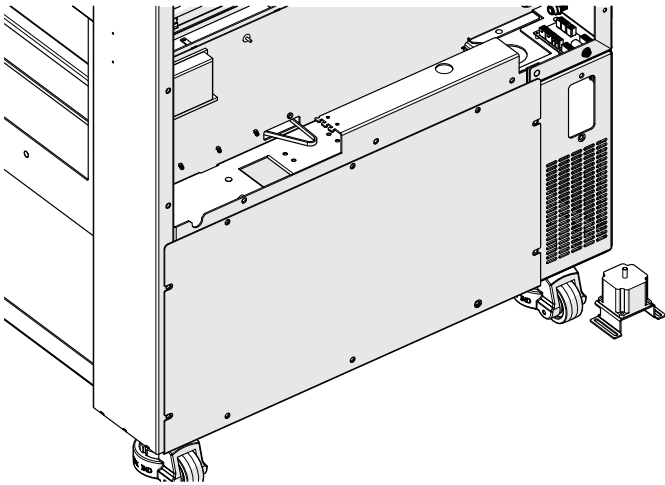


17000 - Z-Motor Replacement

8. Loosen and remove the four (4) 5/32" Allen screws on the z-axis motor mount:

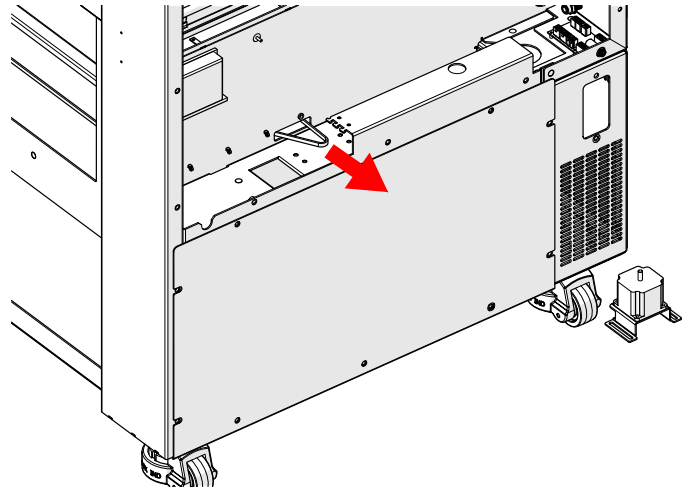


9. Remove the z-axis motor assembly:

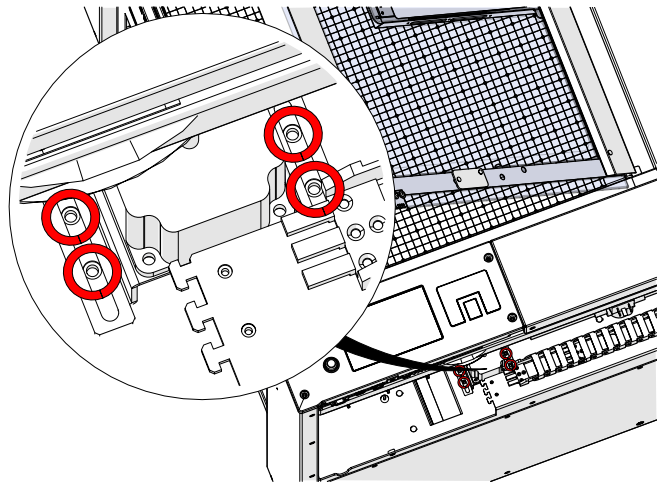


Z-Axis Motor Installation

1. Pull the z-axis belt away from the machine to ensure that the belt wraps around z-axis motor drive pulley when installing the z-axis motor:

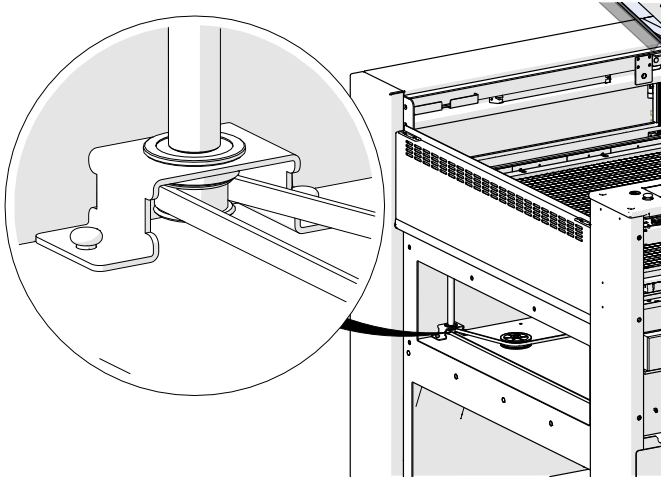


2. Place the z-axis motor into the z-axis motor housing and install, but do not fully tighten the four (4) 5/32" Allen screws on the motor mount:

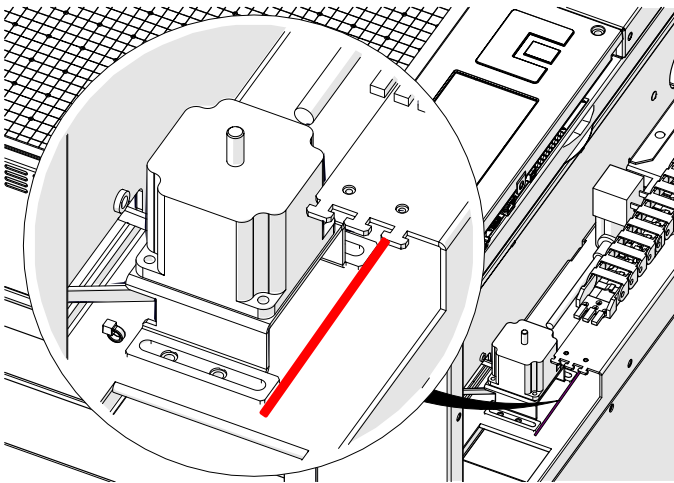


17000 - Z-Motor Replacement

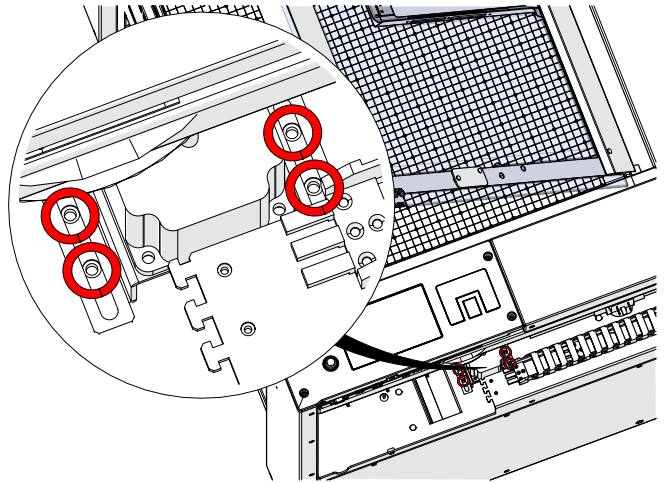
3. Inspect each lead screw pulley in the engraver to ensure that the z-axis belt has remained in place. If the z-axis belt has fallen below any of the lead screw pulleys, reposition the belt around the pulley:



4. Tighten the z-axis motor tensioner thumbscrew until the leading edge of the z-axis motor assembly is aligned with the pencil mark created in the removal procedure:



5. Tighten the four (4) 5/32" Allen screws on the z-axis motor mount:



6. Reconnect the z-axis motor electrical harness.
7. Replace the crumb tray, the front access cover, and the right side panel of the engraver.