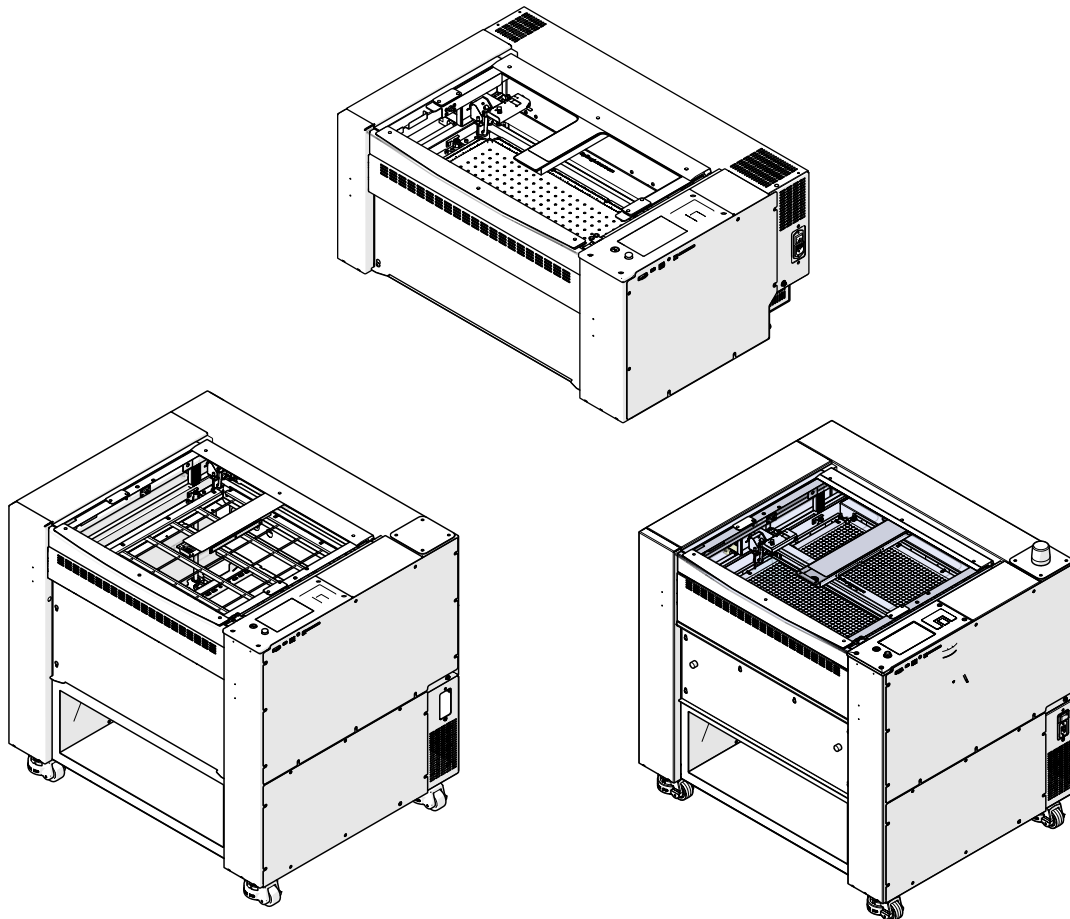


Z-Axis Belt Replacement

Fusion Maker - Fusion Edge - Fusion Pro 24 & 36



Parts Required

- RC0596 - Belt, Table, Z24
 - 24 x 12 table
- LC0504 - Belt, Table 24x24
 - 24 x 24 table
- LC0726 - Belt, Table, 36x24
 - 36 x 24 table

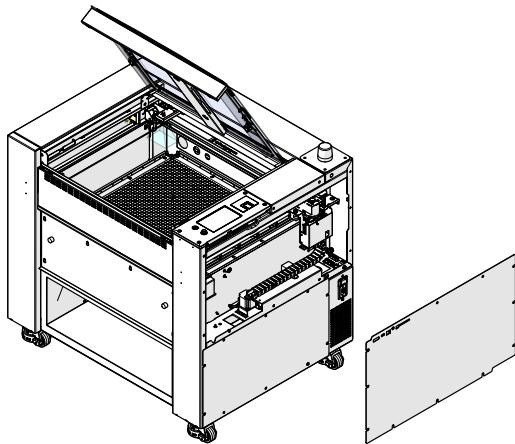
Tools/ Materials Required

- 5/32" Allen Wrench
- Pencil or Marker

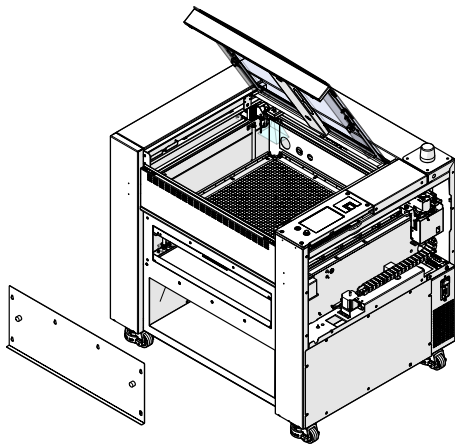
Z- Belt Replacement

Z-Belt Removal

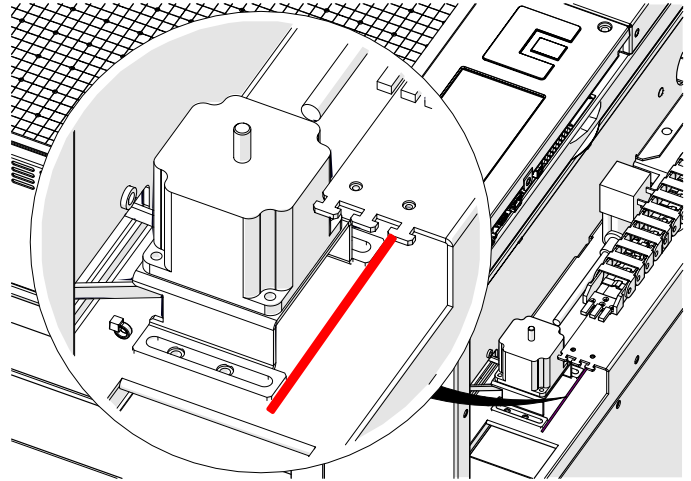
1. Turn off the engraver.
2. Disconnect the engraver from power.
3. Remove the right panel of the engraver:



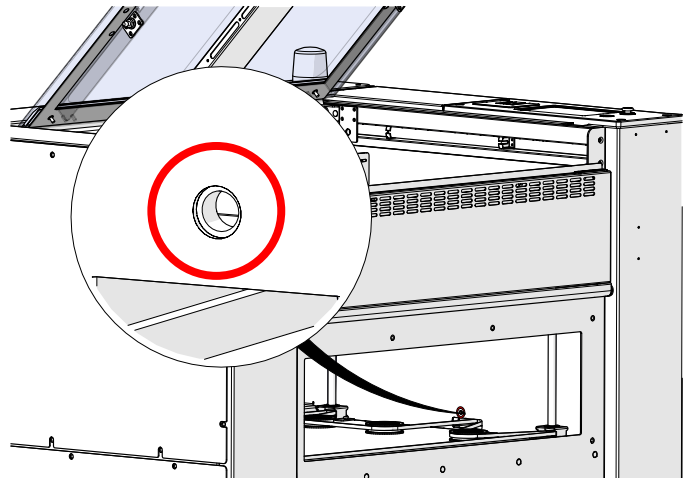
4. Remove the front access panel and the crumb tray of the engraver:



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

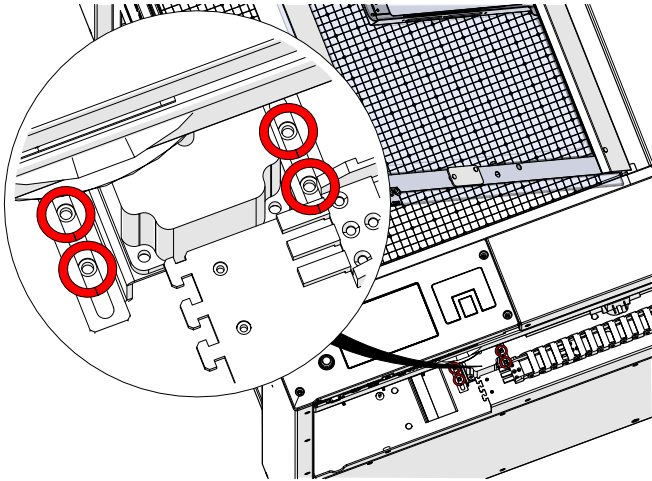


6. Disconnect the z-axis motor electrical harness.
7. Loosen, but do not remove the z-axis motor tensioner thumbscrew to release the tension on the z-axis belt:

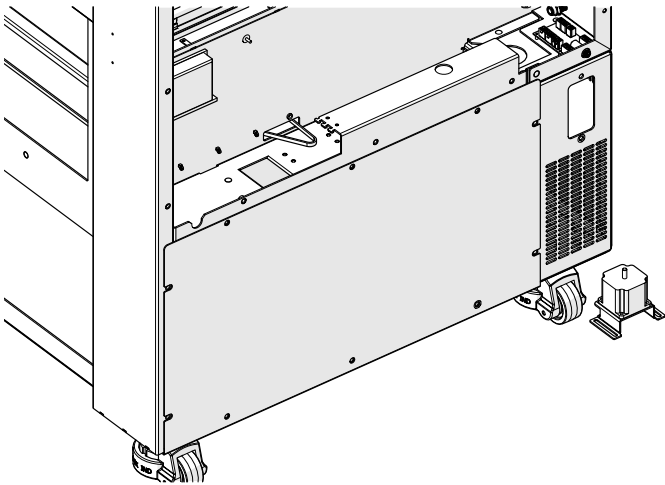


17000 - Z-Belt Replacement

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



- Remove the z-axis motor assembly:



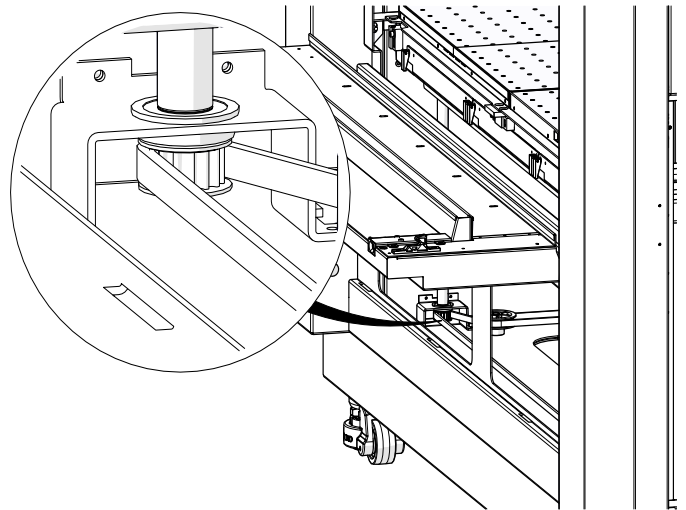
- Press the z-axis belt flat against the bottom of the engraver chassis and slip the belt underneath each lead screw pulley:



- Once the z-axis belt has been slipped under each lead screw pulley, remove the belt from the engraver.

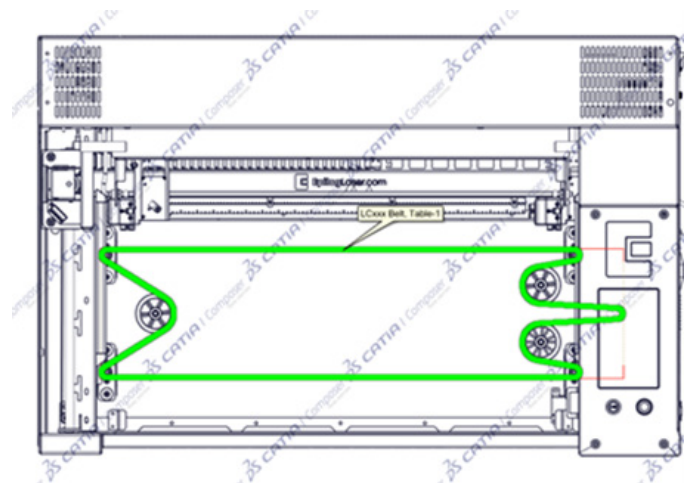
Z-Axis Belt Installation

- Place the z-axis belt in the bottom of the engraver.
- Press the z-axis belt flat against the bottom of the engraver chassis and slip the belt underneath each lead screw pulley. Ensure that the toothed side of the belt wraps around each lead screw pulley:

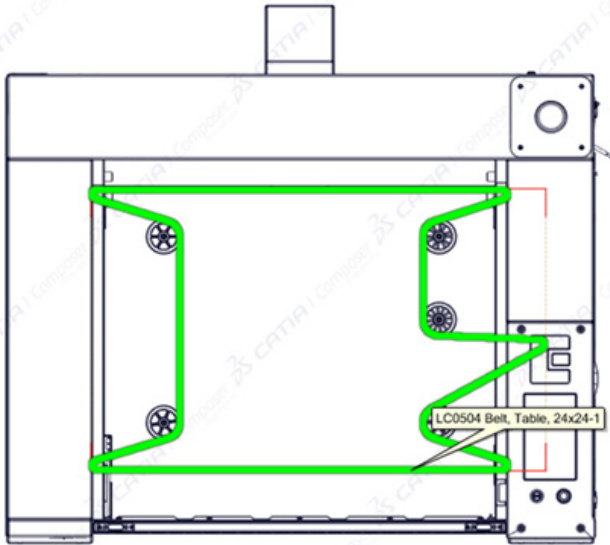


- Repeat this process for all four (4) lead screw assemblies in the engraver, using the images below as a reference for proper x-axis belt routing:

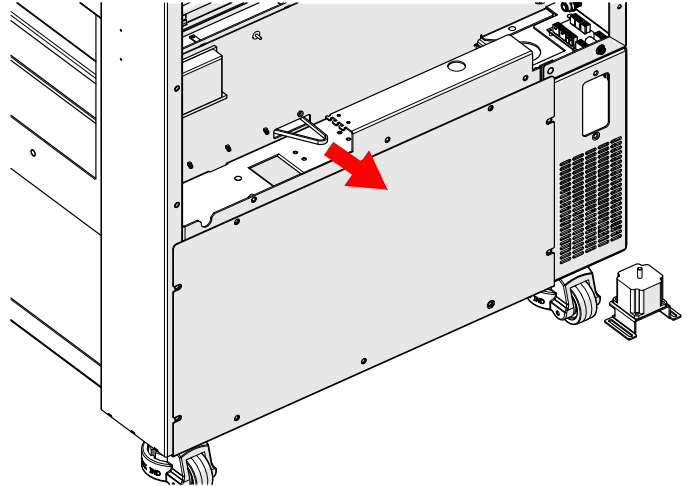
24 x 12 Table



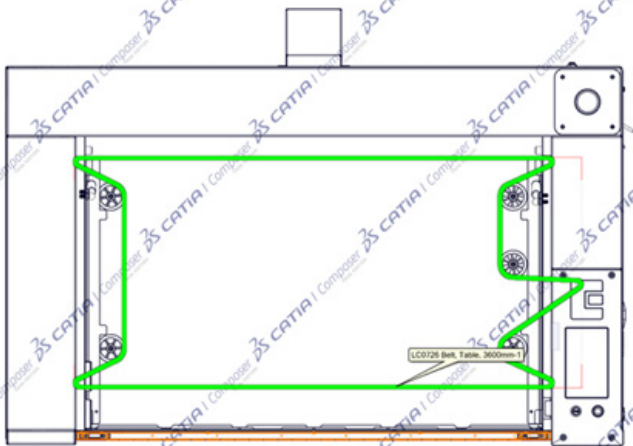
24 x 24 Table



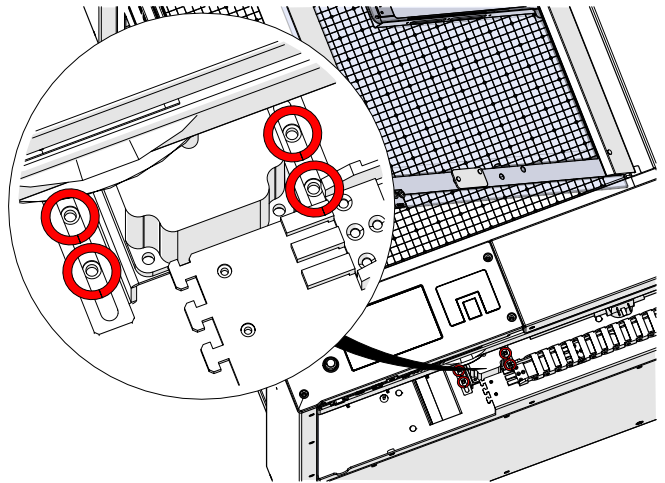
4. Insert the z-axis belt into the opening for the z-axis motor, leaving adequate space to ensure that the belt wraps around z-axis motor drive pulley when installing the z-axis motor:



36 x 24 Table

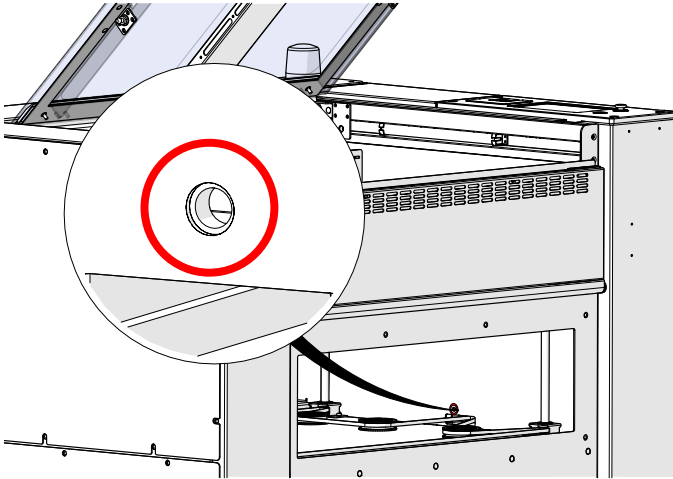


5. Install, but do not fully tighten the four (4) 5/32" Allen screws on the z-axis motor mount:

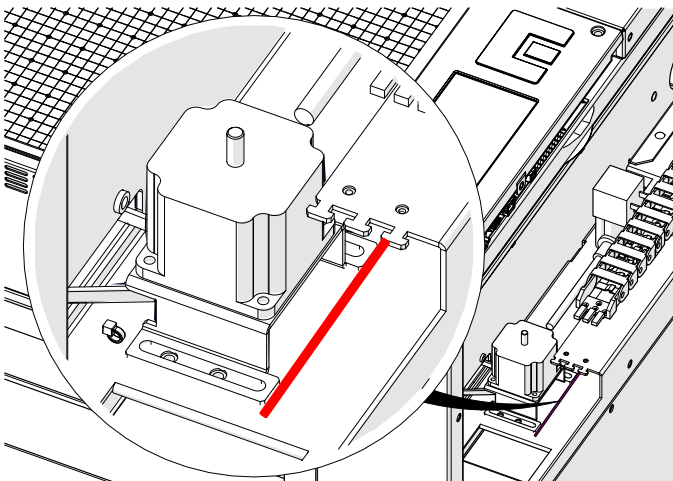


17000 - Z-Belt Replacement

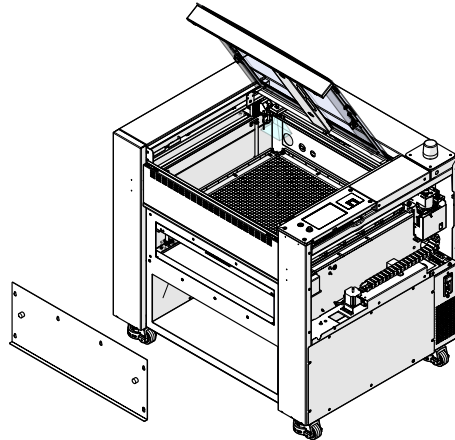
6. Connect the z-axis motor electrical harness.
7. Begin to tighten the z-axis motor tensioner thumbscrew to tension the z-axis belt:



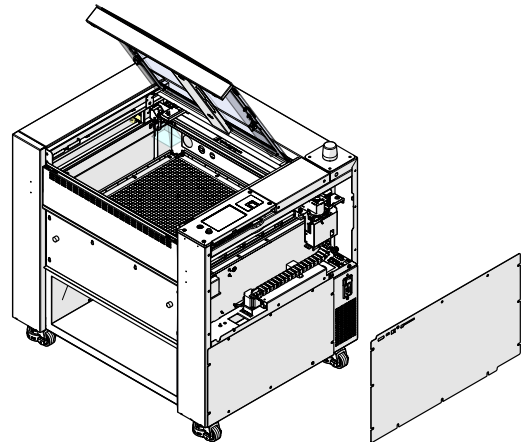
8. Continue to tighten the tensioner thumbscrew until the motor bracket is in line with the mark made in the removal procedure:



9. Install the front access panel and the crumb tray of the engraver:



10. Install the right panel of the engraver:



11. Connect the engraver from power.

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