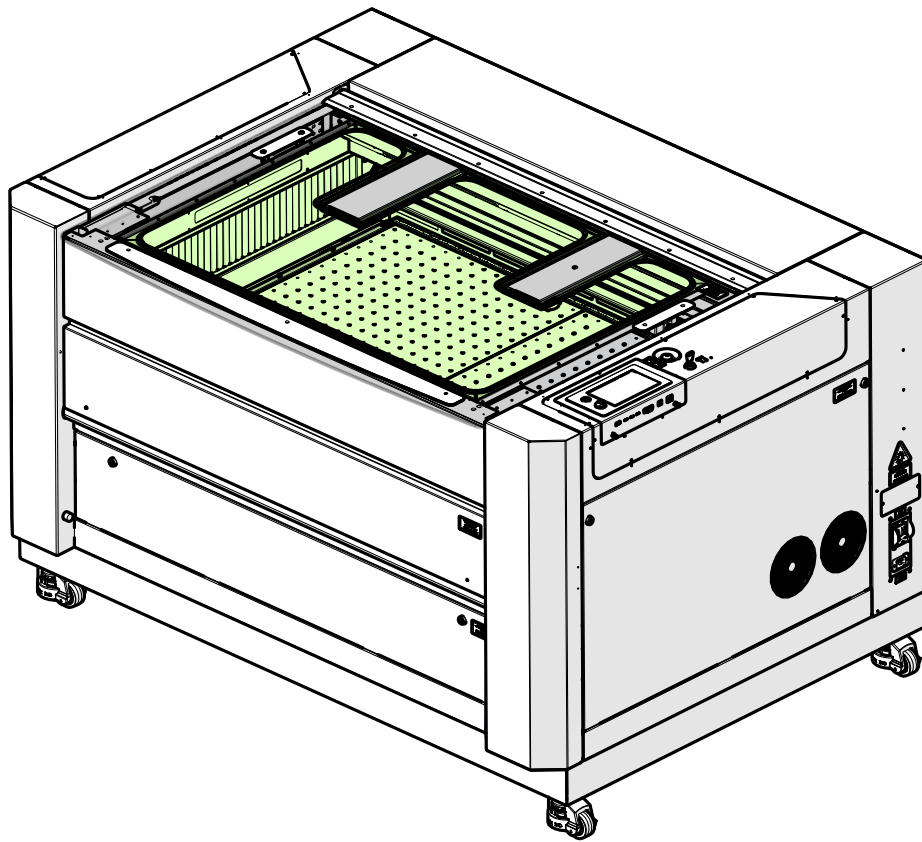


Z-Axis Belt Replacement Fusion Pro 32 & 48



Parts Required

- CS0786 - Table Belt
 - Fusion Pro 32
- CS0616 - Table Belt
 - Fusion Pro 48

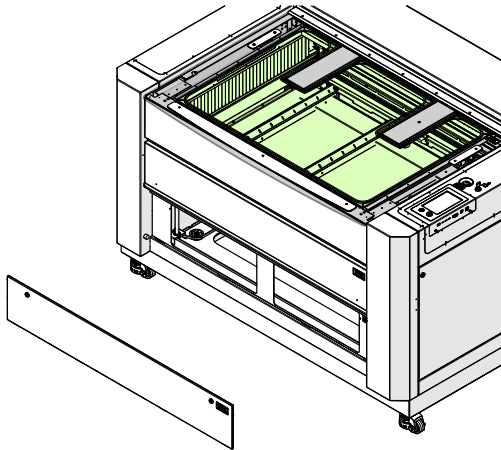
Tools/Materials Required

- 5/32", 7/64" Allen Wrench
- Pencil or Marker

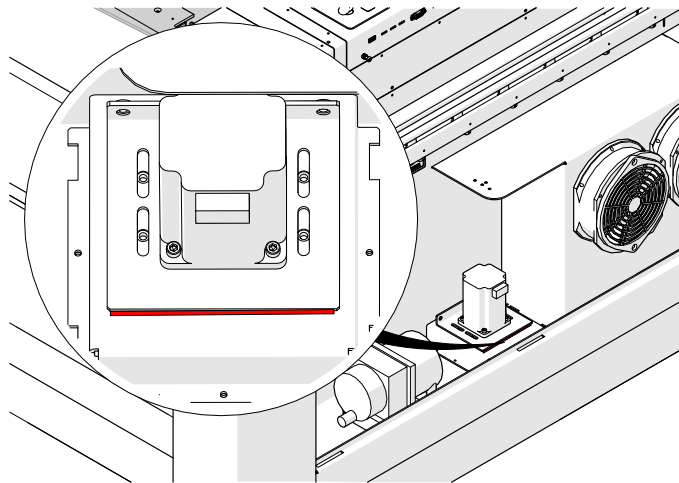
Z-Axis Belt Replacement

Z-Axis Belt Removal

1. Turn off the engraver.
2. Disconnect the engraver from power.
3. Remove the front access panel:

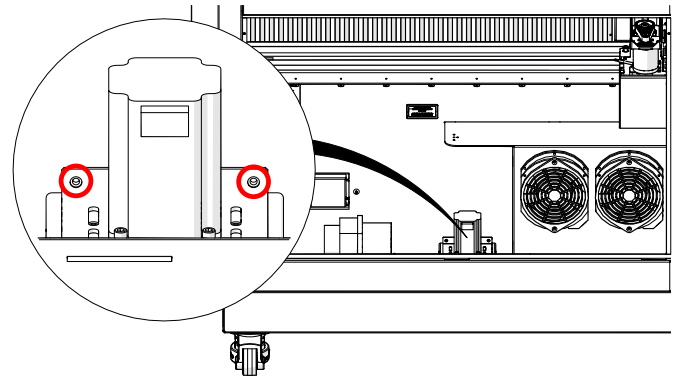


4. Remove the right panel of the engraver.
5. Use a pencil to make a mark on the engraver chassis at the leading edge of the z-axis motor body. This will help set proper belt tension later:

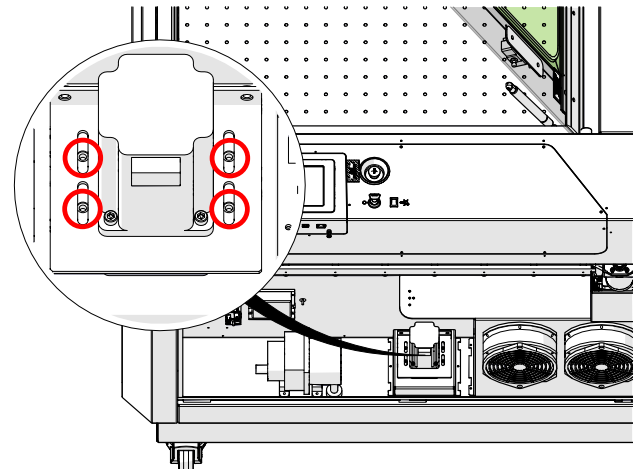


6. Disconnect the z-axis motor electrical harness.

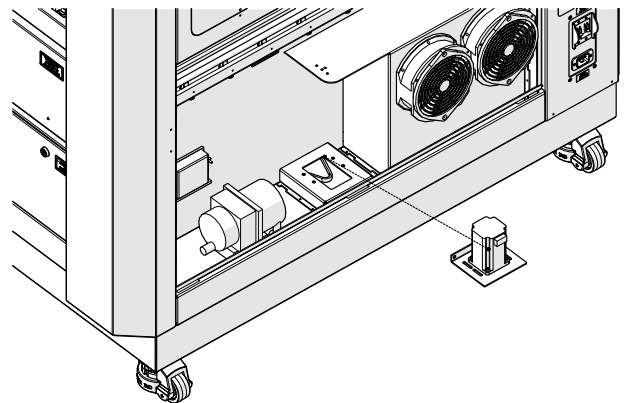
6. Loosen, but do not remove the two (2) 7/64" Allen screws on the tensioner to release the tension on the z-axis belt:



7. Loosen and remove the four (4) 7/64" Allen screws that secure the z-axis motor to the engraver chassis:

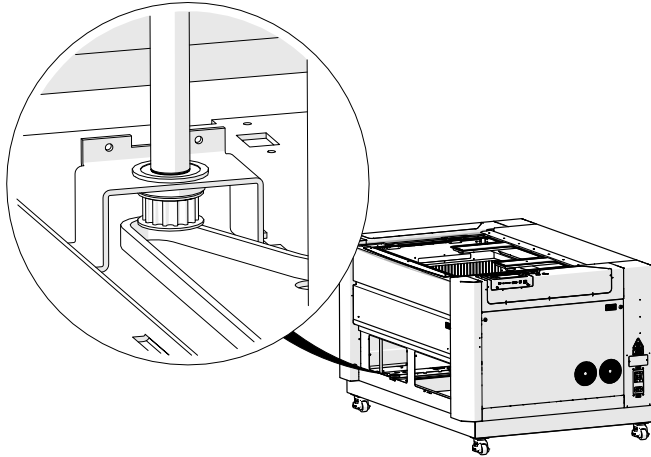


8. Remove the z-axis motor:



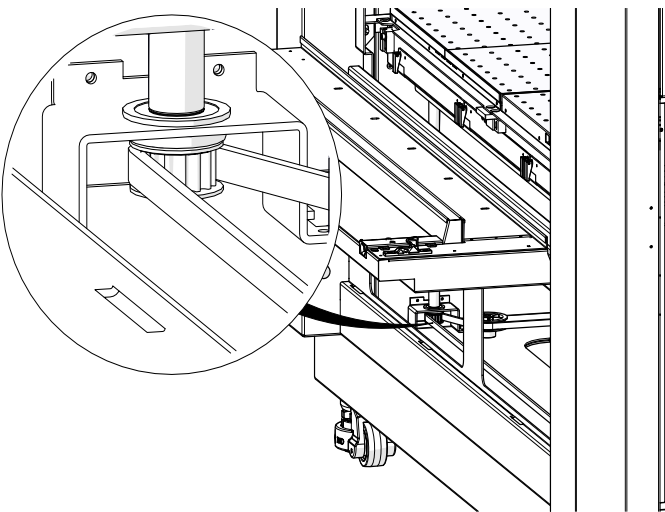
16000 - Z-Belt Replacement

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

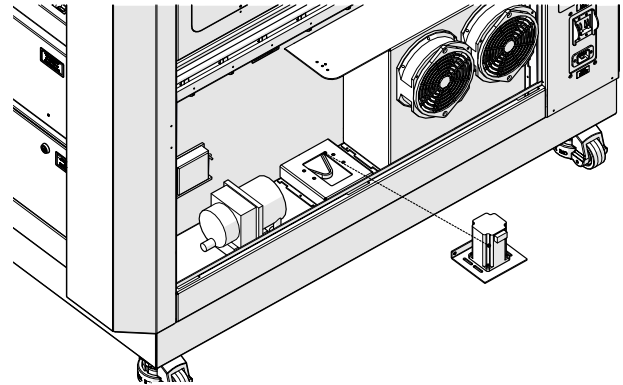


Z-Axis Belt Installation

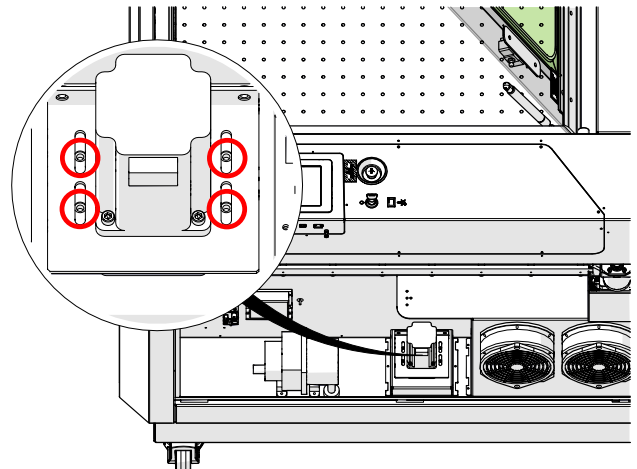
1. Place the z-axis belt in the bottom of the engraver.
2. Press the z-axis belt flat against the bottom of the engraver chassis and slip the belt underneath each lead screw pulley. Ensure that the toothed side of the belt wraps around each lead screw pulley:



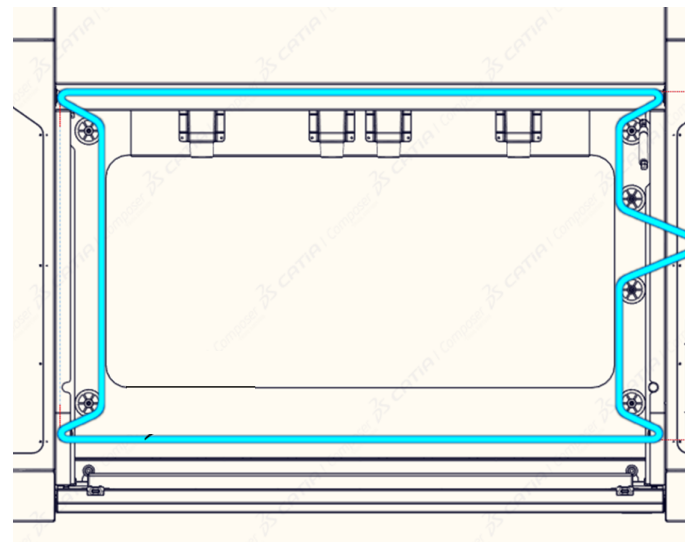
4. Place the z-axis motor in the engraver. Ensure that the motor pulley is inserted inside the z-axis belt:



5. Install, but do not fully tighten the four (4) 7/64" Allen screws that secure the z-axis motor to the engraver chassis:

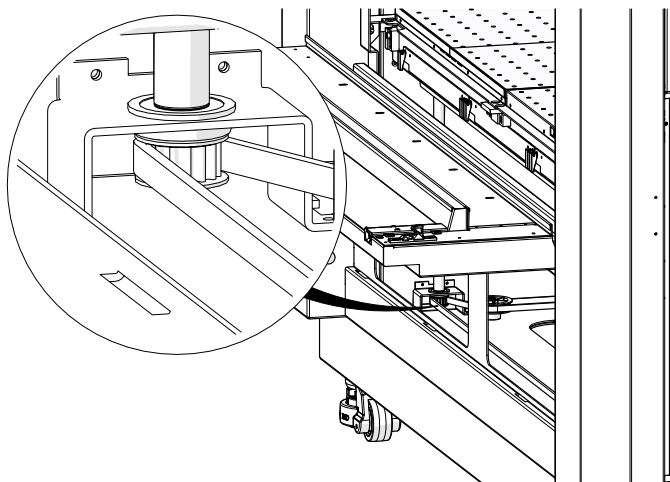
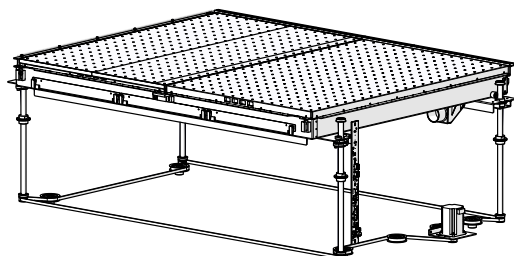


6. Repeat this process for all four (4) lead screw assemblies in the engraver, using the image below as a reference for proper z-axis belt routing:

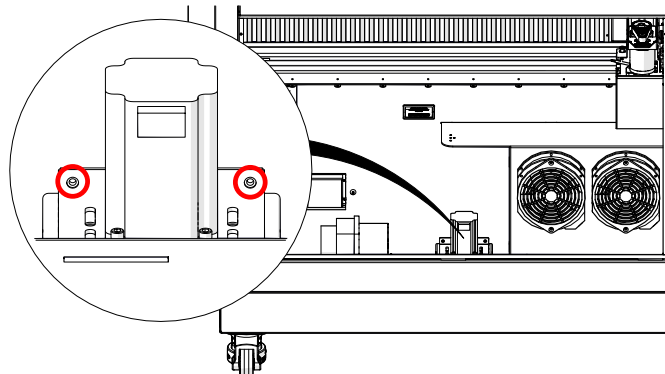


16000 - Z-Belt Replacement

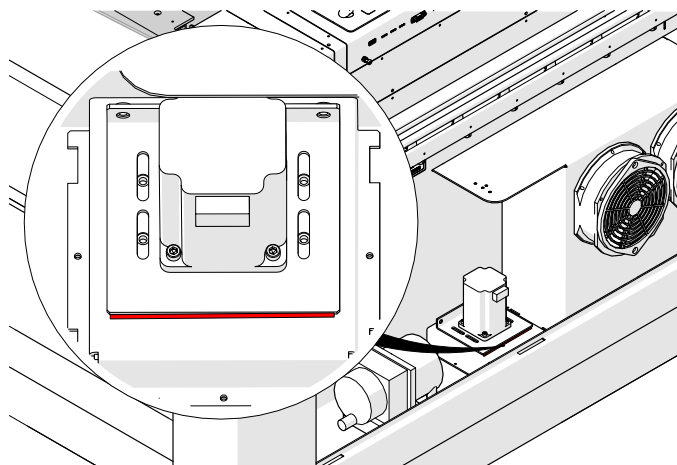
6. Inspect each lead screw pulley in the engraver to ensure that the z-axis belt has remained in place. If the z-axis belt has fallen below any of the lead screw pulleys, reposition the belt around the pulley:



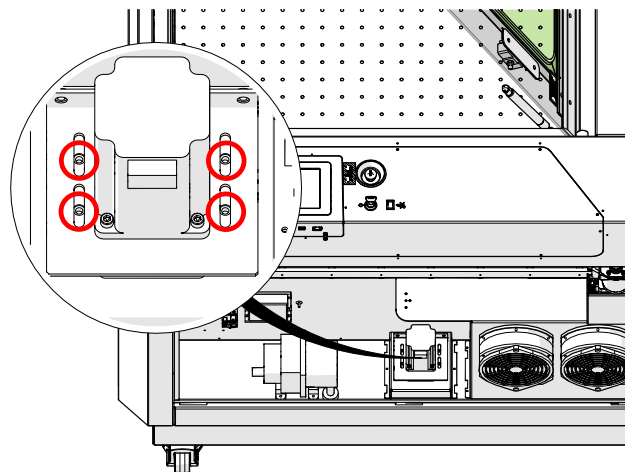
7. Tighten the two (2) 7/64" Allen screws on the tensioner to begin to tension the z-axis belt:



8. Continue to tighten the tensioner screws until the leading edge of the z-axis motor lines up with the pencil mark created in step 5 of the "Z-Axis Belt Removal" procedure:



9. Tighten the four (4) 7/64" Allen screws that secure the z-axis motor to the engraver chassis:



10. Connect the z-axis motor electrical harness.
11. Replace the left, right, and front access panel of the engraver.

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