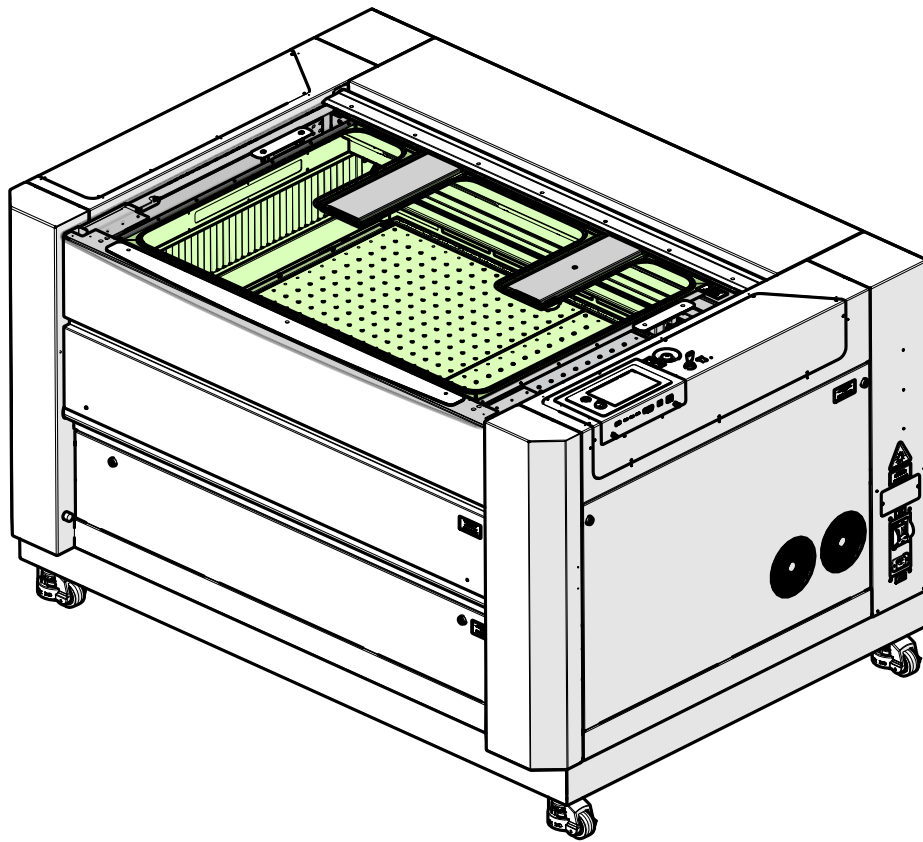


Fiber Laser Replacement Fusion Pro 32 & 48



Tools/Materials Required

- 5/32" Allen Wrench
- Phillips Head Screwdriver

Repair Service Precautions



Fiber Laser Safety

Firing the fiber laser without all engraver panels installed can result in serious and or permanent injury.

Lexan, polycarbonate, and or standard prescription eye wear **will not** protect your eyes from the fiber laser beam.

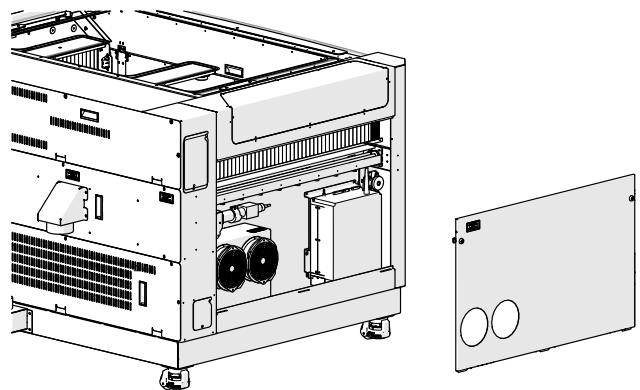
Do not fire the fiber laser without all engraver panels installed.

Disconnect the engraver from power and do not reconnect unless otherwise directed.

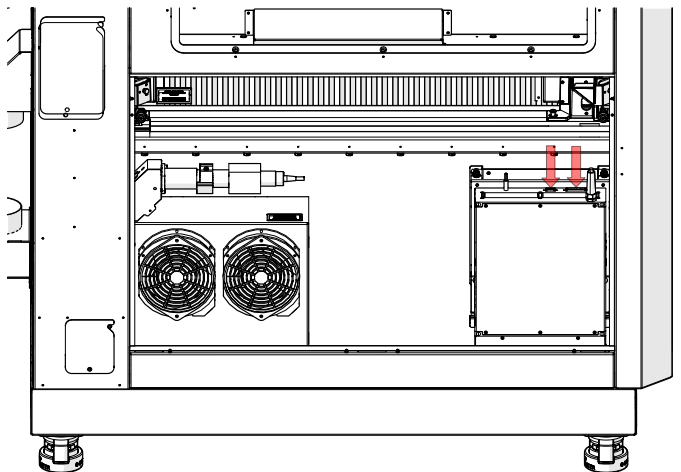
Fiber Laser Replacement

Fiber Laser Removal

1. Turn off the engraver.
2. Disconnect engraver from power.
3. Remove the left panel of the engraver to uncover the fiber laser:

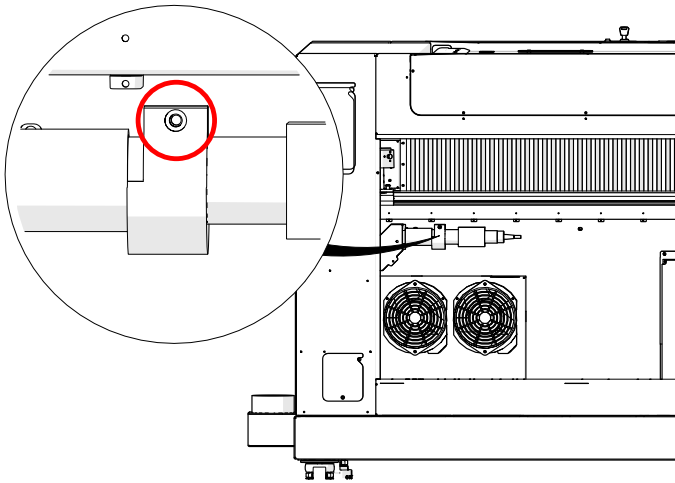


4. Disconnect the electrical harness and data cable on the fiber laser assembly:

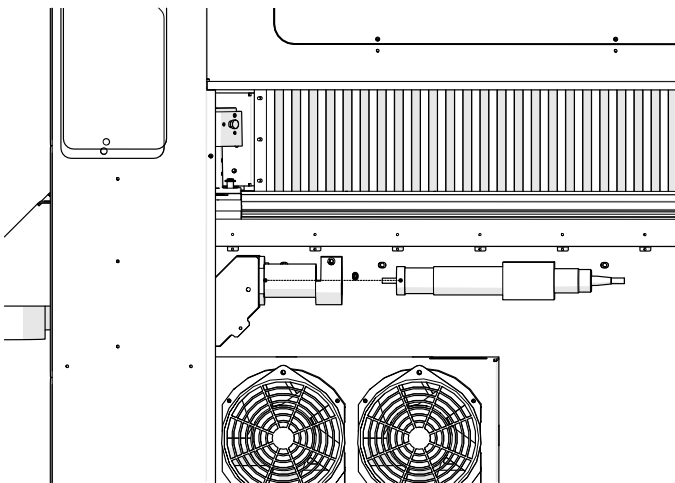


16000 - Fiber Laser Replacement

5. Loosen, but do not remove the 7/64" Allen screw on fiber laser head clamp:

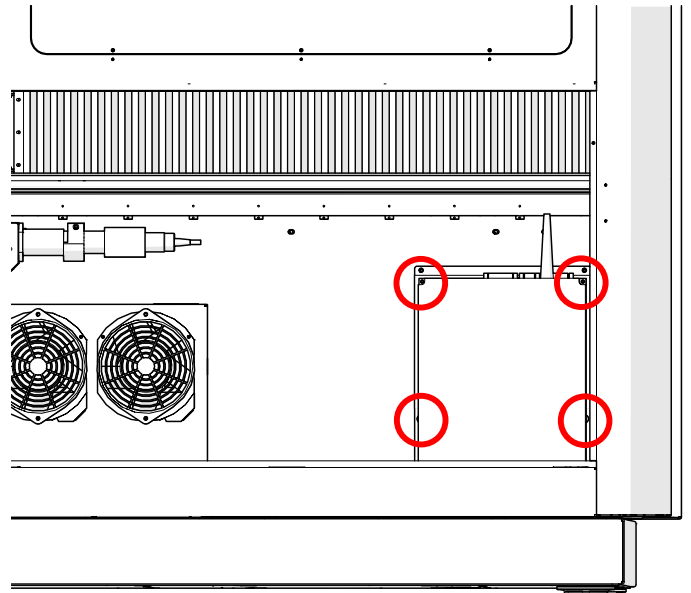


6. Remove the fiber laser head from the head clamp and gently rest it on the bottom of the engraver:

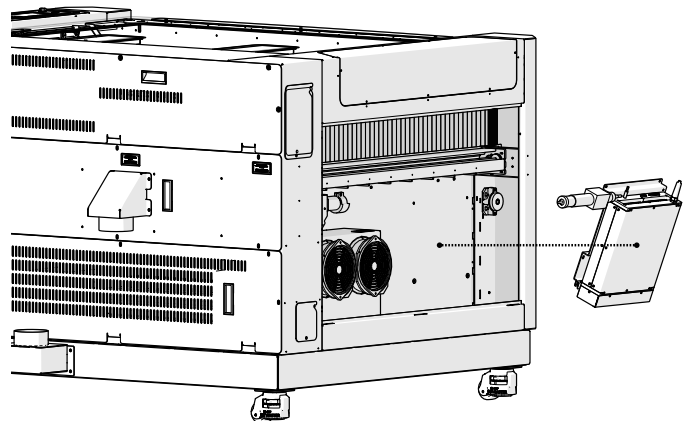


Do not bend the yellow fiber optic cable to a radius of less than 2" (50mm) or it may become damaged.

7. Loosen and remove the four (4) Phillips or 5/32" hex screws located on the fiber laser assembly:

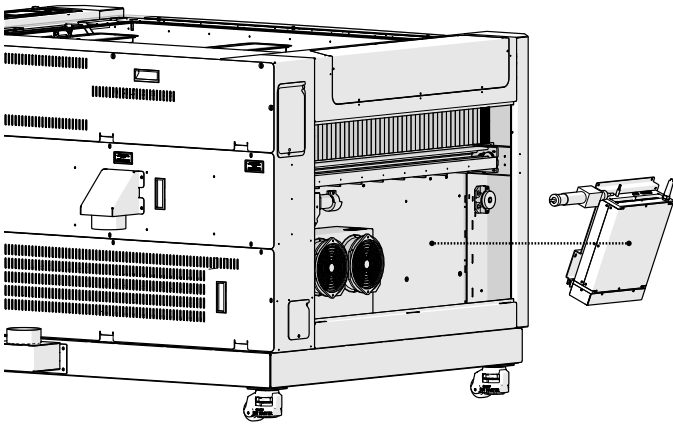


8. Gently pull the top of the fiber laser assembly away from the engraver chassis and remove the assembly:

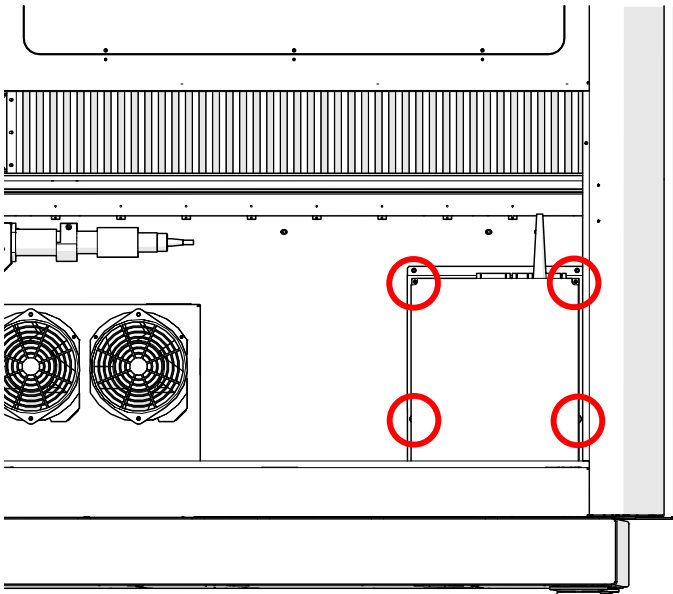


Fiber Laser Installation

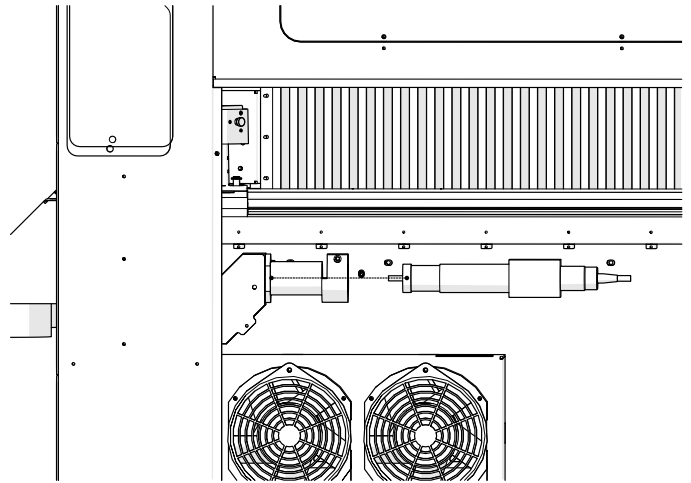
1. Place the fiber laser assembly in the engraver:



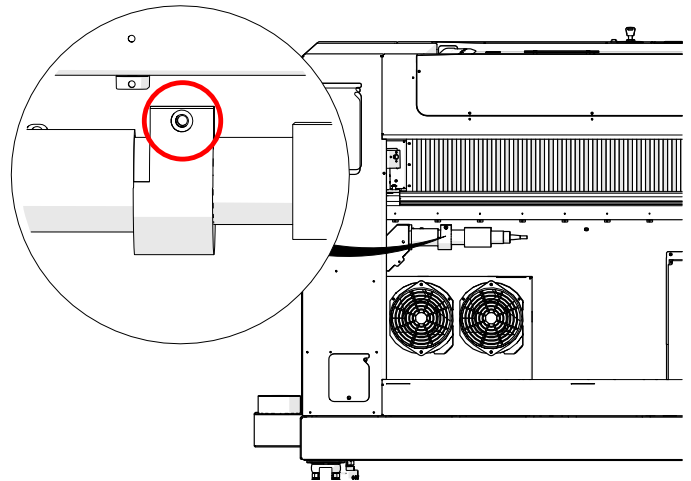
2. Install and tighten the four (4) Phillips or 5/32" hex screws located on the fiber laser head clamp:



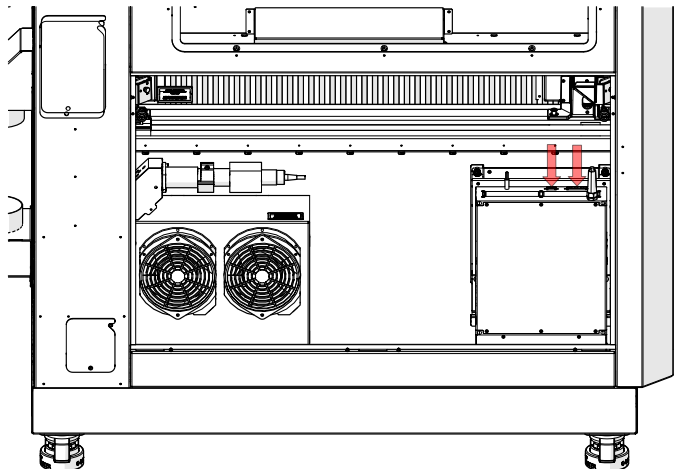
3. Gently place the fiber laser head in the head clamp:



4. Tighten the 7/64" Allen screw on fiber laser head clamp:

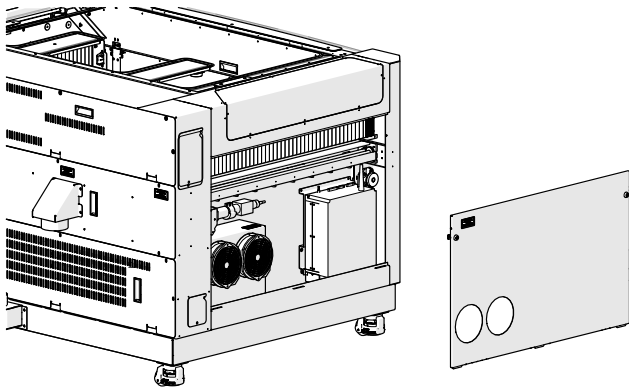


5. Connect the electrical harness and data cable on the fiber laser assembly:



16000 - Fiber Laser Replacement

6. Install the left panel of the engraver:



7. Reconnect to power and turn on the engraver.

Programming the Fiber Laser

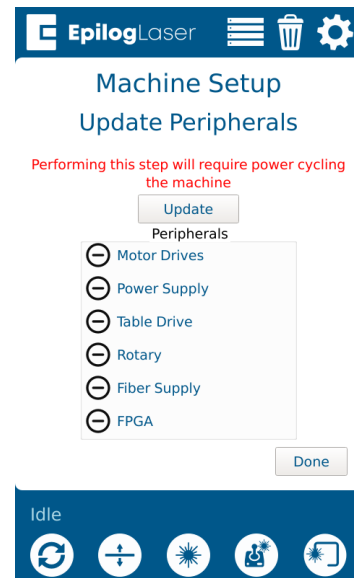
1. At the display panel, press the gear icon in the upper right-hand corner of the display to open the Settings menu:



2. Press Program to enter the Peripheral Update menu:



3. Once in the Peripheral Update menu, select Fiber Supply and press Update:



4. Allow the engraver to run the update process.



When running a peripheral update, do not power off the engraver. During a peripheral update it is common for the display to power off. Once the update has been applied, the engraver will prompt to restart.

5. Once the engraver prompts you to restart, power cycle the engraver.

After installing a replacement fiber laser, complete the fiber laser alignment and focus calibration procedures.

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