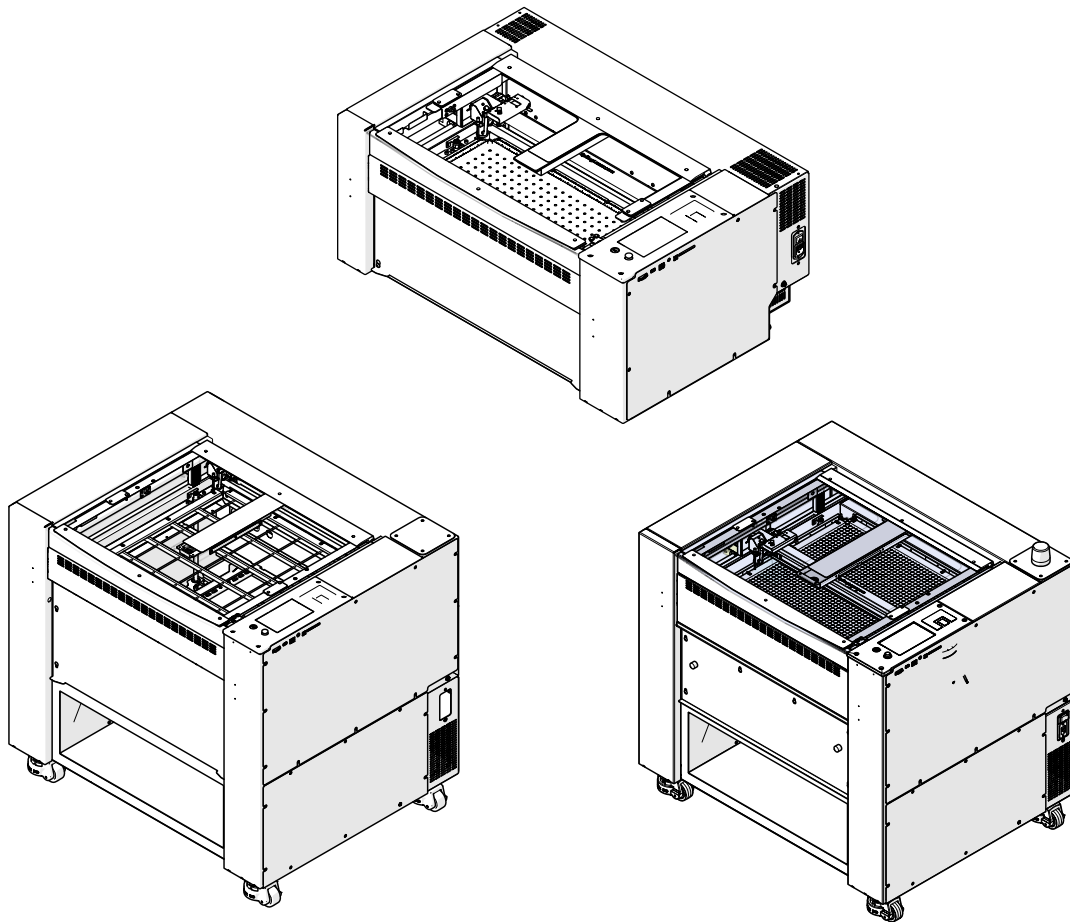


Fiber Laser Replacement Fusion Maker - Fusion Edge - Fusion Pro 24 & 36



Parts Required

- Dependent on wattage

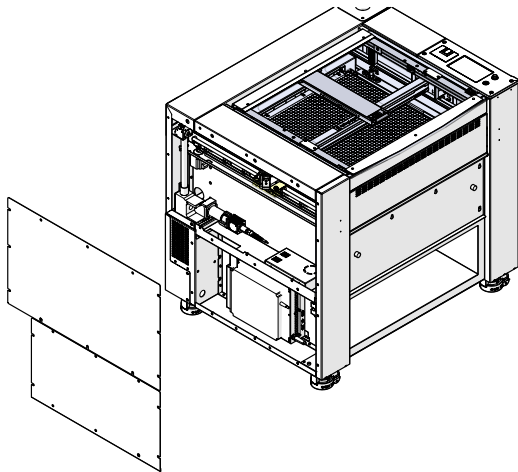
Tools/ Materials Required

- 5/32" Allen Wrench
- 7/64" Allen Wrench
- Phillips Head Screwdriver

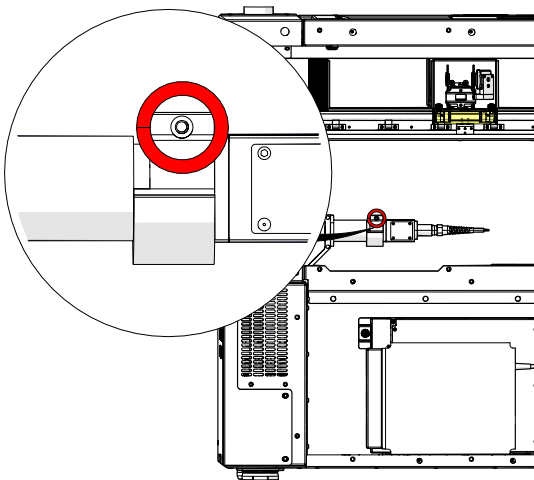
Fiber Laser Replacement

Fiber Laser Removal

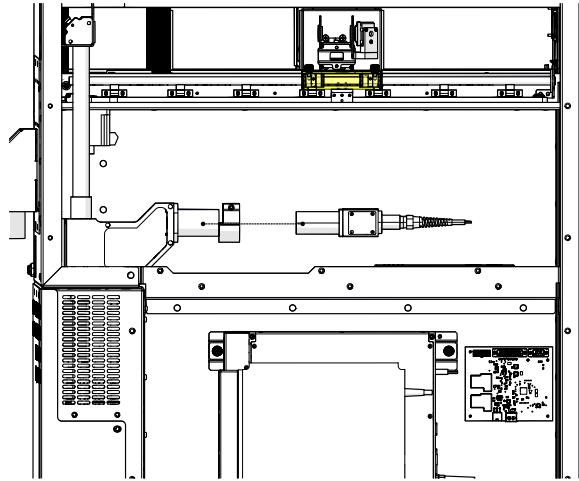
1. Turn off the engraver.
2. Disconnect engraver from power.
3. Remove the upper and lower left panels of the engraver to uncover the fiber laser:



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

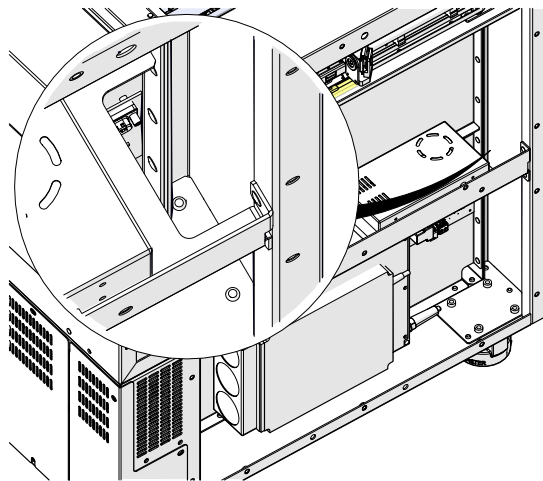


5. Remove the fiber laser head from the fiber laser head clamp:



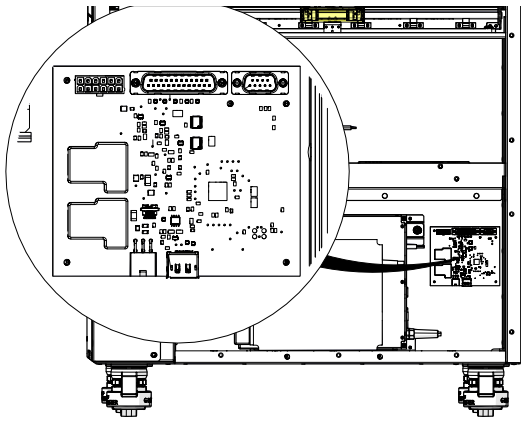
Do not bend the yellow fiber optic cable to a radius of less than 2" (50mm) or it may become damaged.

6. Depending on the model of engraver, pass the fiber head assembly through the cut out in the engraver chassis. Place the fiber laser head on the lower frame of the engraver:

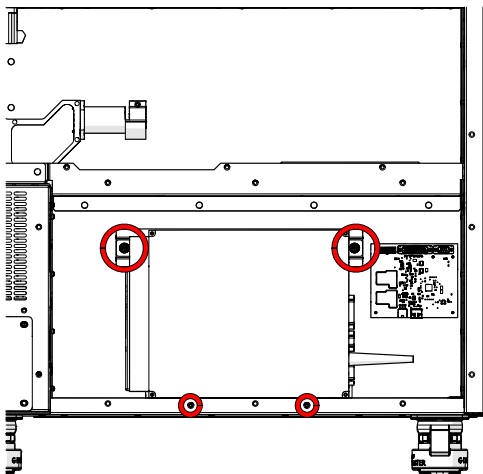


17000 - Fiber Laser Replacement

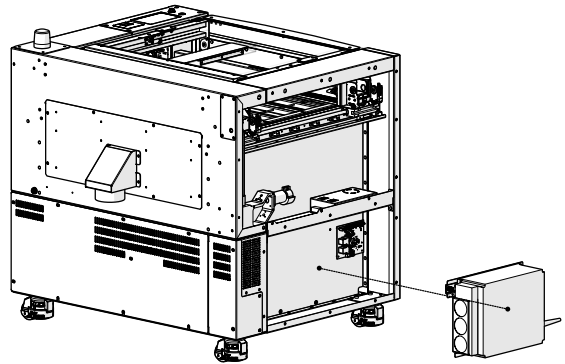
7. Disconnect the fiber laser electrical harness from the fiber laser board:



8. Loosen the four (4) green-capped Phillips captive screws located on the fiber laser assembly. There are two (2) at the top of the assembly and two (2) towards the bottom of the assembly:

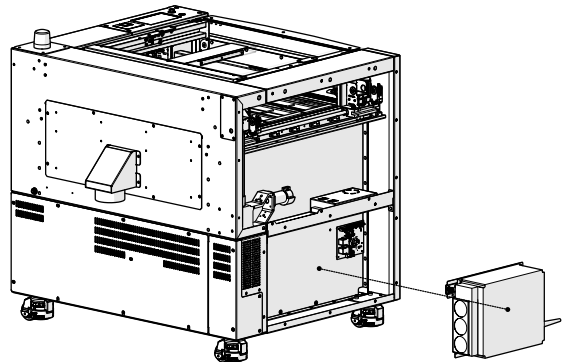


9. Gently pull the top of the fiber laser assembly away from the engraver chassis and remove the assembly:



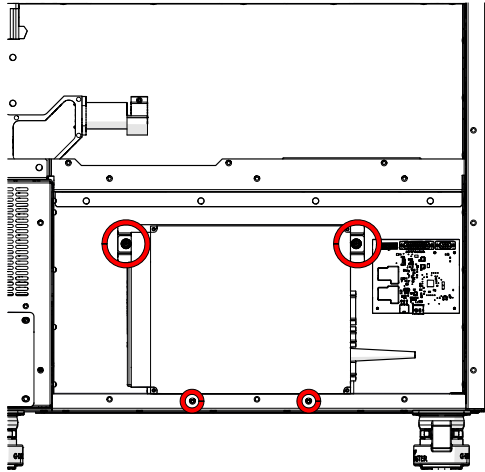
Fiber Laser Installation

1. Place the fiber laser assembly in the engraver:

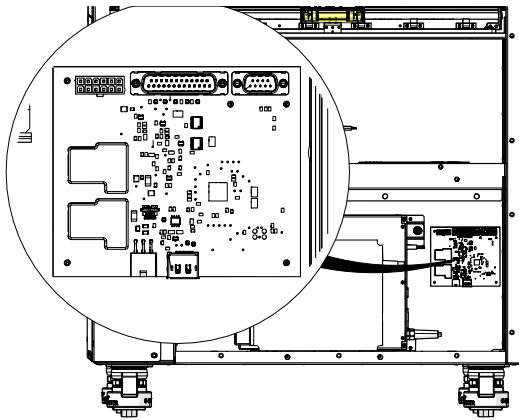


17000 - Fiber Laser Replacement

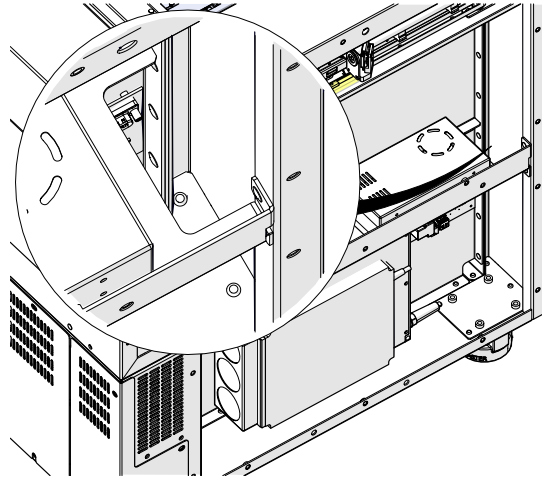
2. Tighten the four (4) green-capped Phillips captive screws located on the fiber laser assembly. There are two (2) at the top of the assembly and two (2) towards the bottom of the assembly:



3. Connect the fiber laser electrical harness to the fiber laser board:

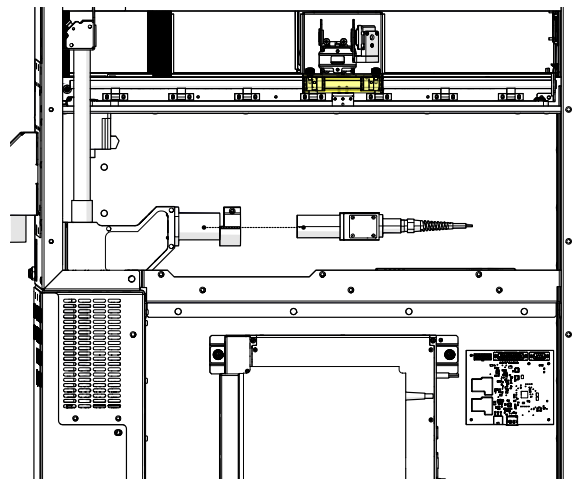


4. Depending on the model of engraver, pass the fiber head assembly through the cut out in the engraver chassis. Place the fiber laser head on the middle frame of the engraver:



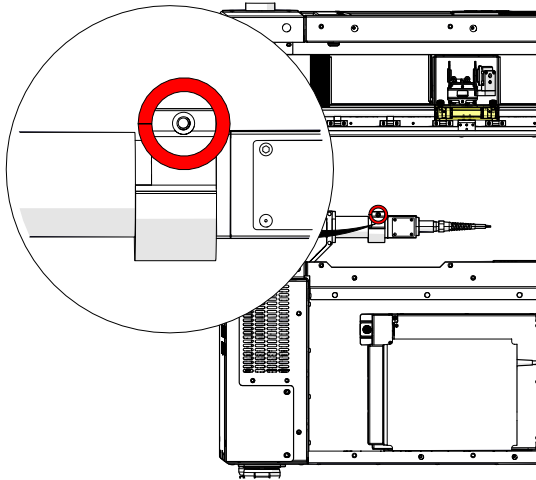
Do not bend the yellow fiber optic cable to a radius of less than 2" (50mm) or it may become damaged.

5. Place the fiber laser head in the fiber laser head clamp:

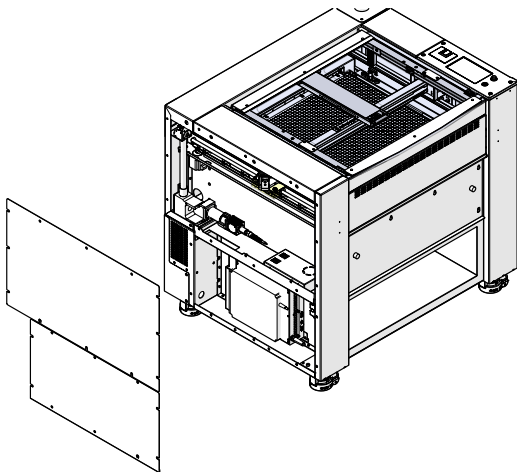


17000 - Fiber Laser Replacement

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



7. Replace the upper and lower left panels of the engraver to uncover the fiber laser:



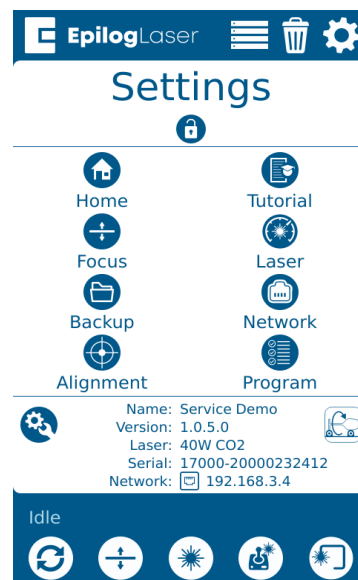
8. Reconnect to power and turn on the engraver.

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:

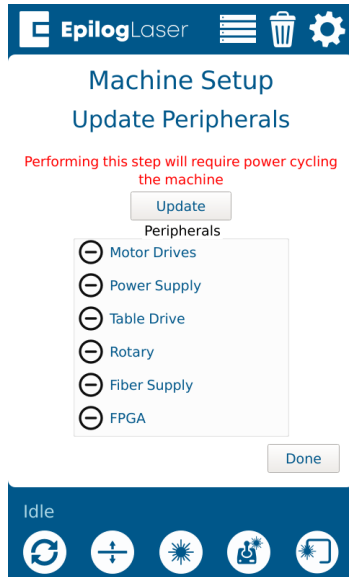


2. Press Program to enter the Peripheral Update menu:



17000 - Fiber Laser Replacement

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 a fiber laser assembly replacement, it is necessary to complete the alignment and fiber laser focus procedures.

