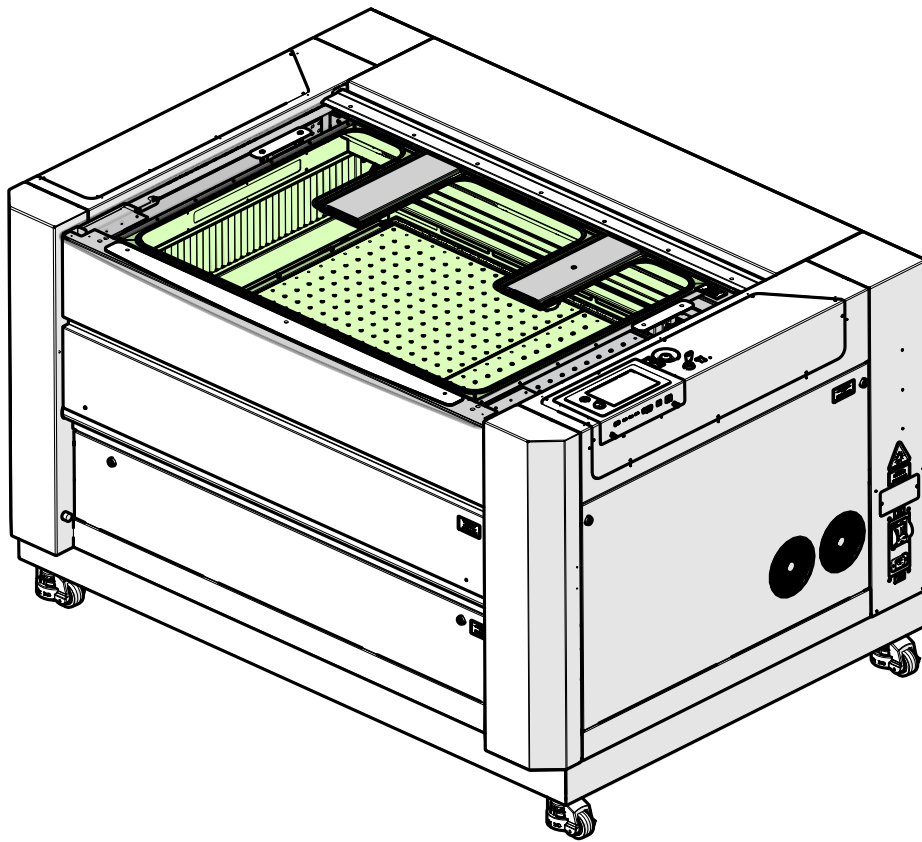


Power Supply (PSU) Replacement Fusion Pro 32 & 48



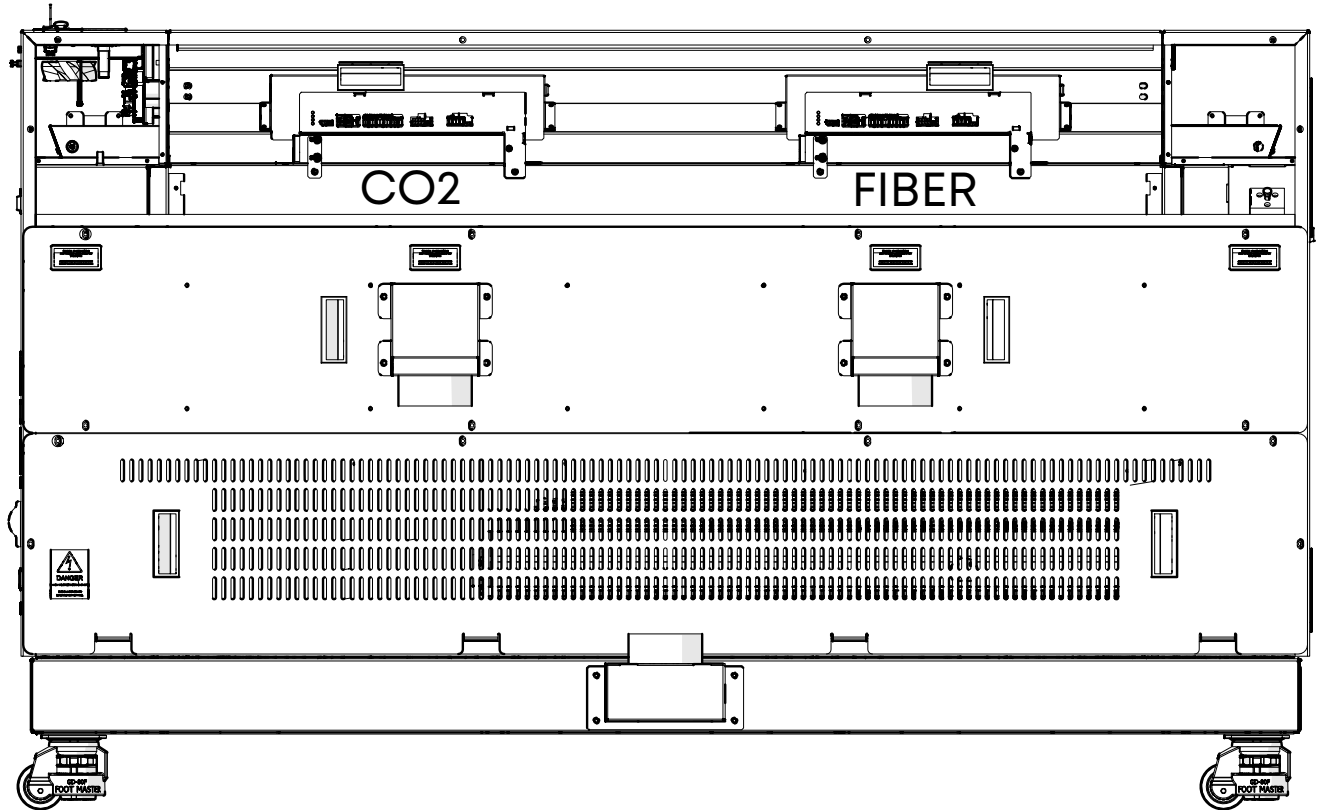
Parts Required

- CS0830 - Assy, Power Supply, 2kW
- CO2- only engravers
- CS0830 - Assy, Power Supply, 2kW
- CS0953 - Assy, Power Supply, 24V, 1kW
- Fiber- only and dual source engravers

Tools/Materials Required

- 5/32" Allen Wrench

Power Supply Locations



CO2- Only Fusion Pro

This model will contain only the CO2 power supply shown above.

- One (1) 48V 2kW power supply

Fiber- Only Fusion Pro

This model will contain the CO2 and fiber power supplies shown above.

- One (1) 48V 2kW power supply
- One (1) 24V 1kW power supply

Dual Source Fusion Pro

This model will contain both the CO2 and fiber power supplies shown above.

- One (1) 48V 2kW power supply
- One (1) 24V 1kW power supply
-



Attempting to service the power supply while the engraver is powered on can result in injury.



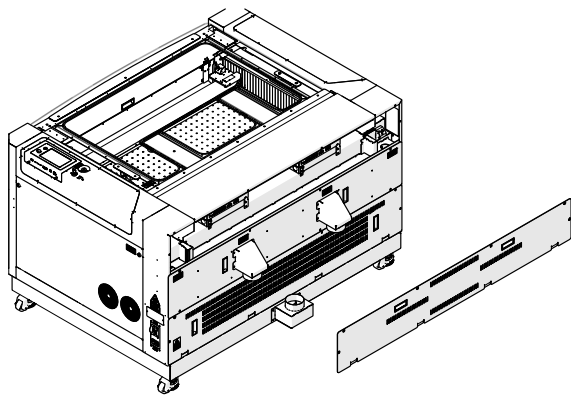
Attempting to service the power supply while the engraver is powered on can result in damage to components in the engraver.

Power Supply Replacement

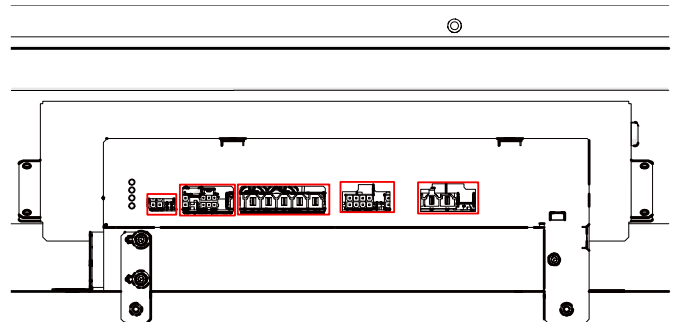
Power Supply Removal

The following procedure applies to power supplies found in all 16000 Fusion Pro engraver models and laser configurations.

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

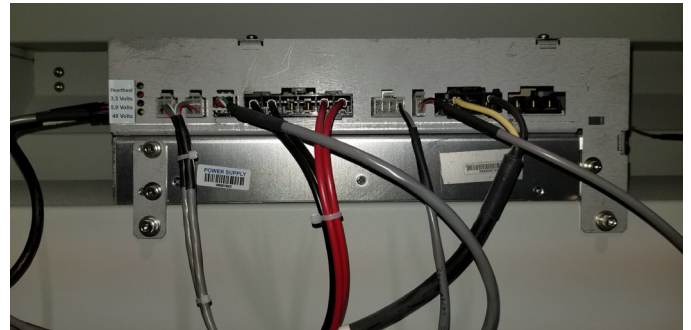


4. Disconnect the electrical harnesses from the power supply:



Depending on which power supply is currently installed in the machine, the amount of and type of connectors may vary. Both the CO2 and fiber power supply connections are shown below:

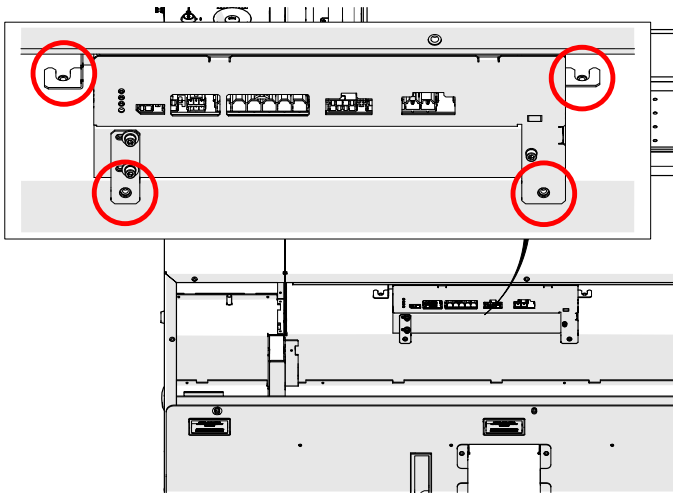
CO2 Power Supply



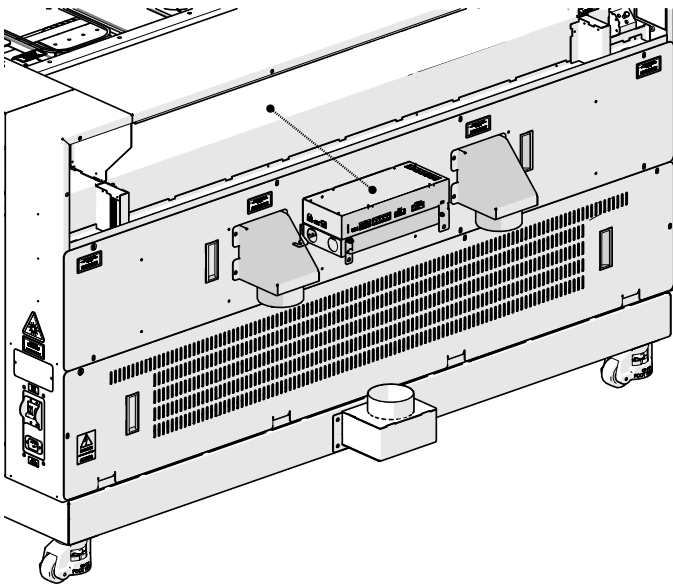
Fiber Power Supply



5. Loosen and remove the four (4) 5/32" Allen screws that secure the power supply to the engraver chassis:

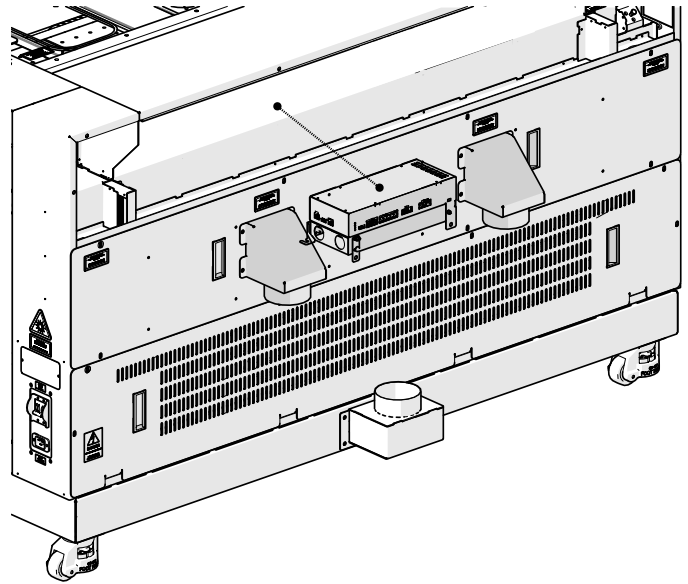


6. Remove the power supply from the engraver:

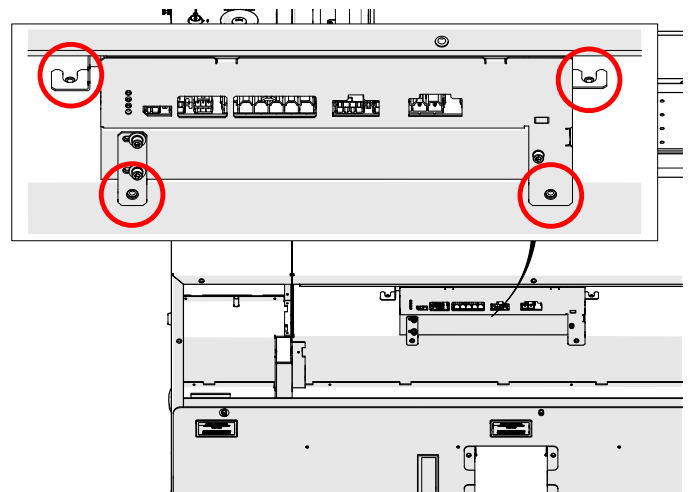


Power Supply Installation

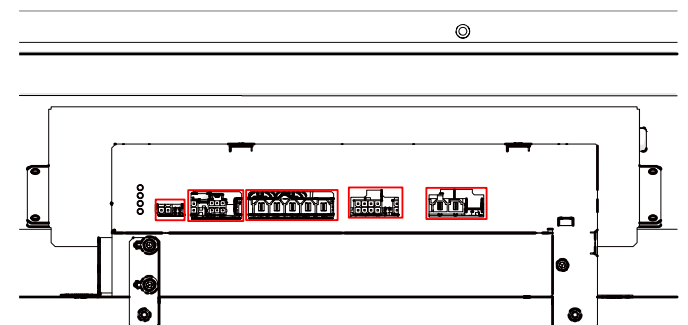
1. Place the power supply in the engraver:



2. Install and tighten the four (4) 5/32" Allen screws that secure the power supply to the engraver chassis:

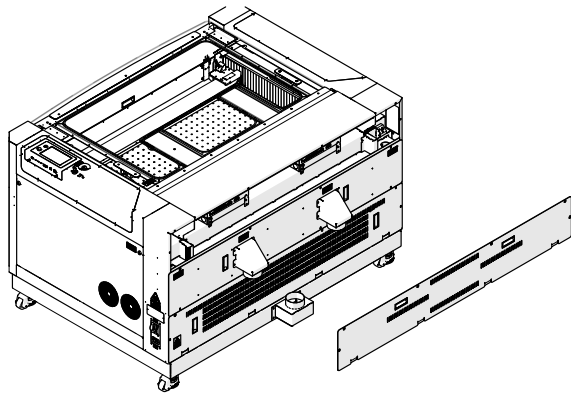


3. Connect the electrical harnesses to the power supply:



6000 - PSU Replacement

4. Replace the upper rear panel of the engraver:



5. Reconnect to power and turn on the engraver.

Programming the Power Supply

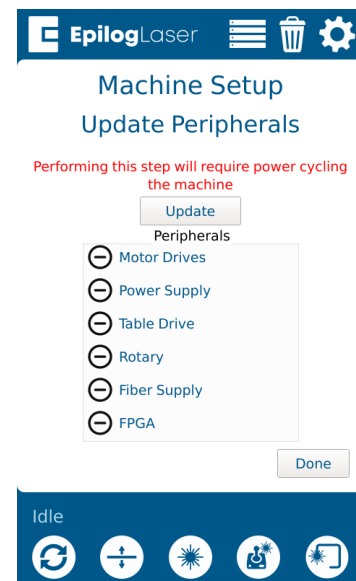
1. At the display panel, press the gear icon in the upper right-hand corner of the display to open the Settings menu:



2. Press Program to enter the Peripheral Update menu:



3. Once in the Peripheral Update menu, select Power 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.

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