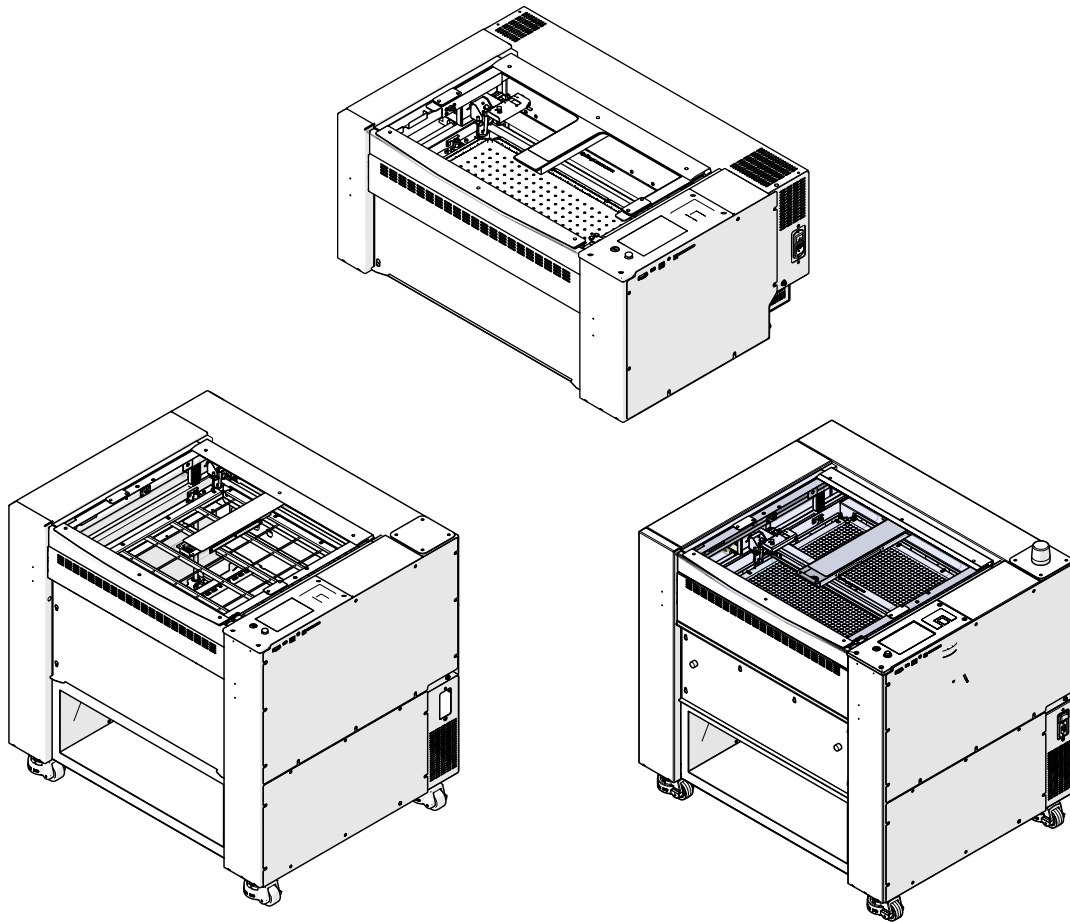


Power Supply Replacement Fusion Maker - Fusion Edge - Fusion Pro 24 & 36



Parts Required

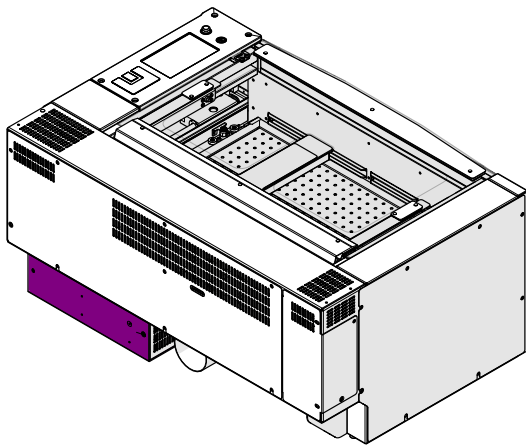
- LC0403 - Assy, Power Supply, 600W
 - 30 and 40 watt CO2 engravers
- LC0404 - Assy, Power Supply, 1000W
 - 50+ watt CO2 and dual source engravers
- LC0437 - Power Supply, 48V to 24V DC-DC
 - Fiber only and dual source engravers

Tools/ Materials Required

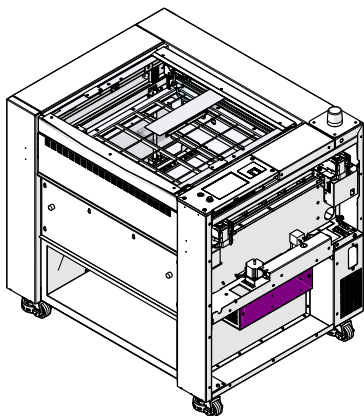
- 5/32" Allen Wrench
- Phillips Head Screwdriver

Power Supply Locations

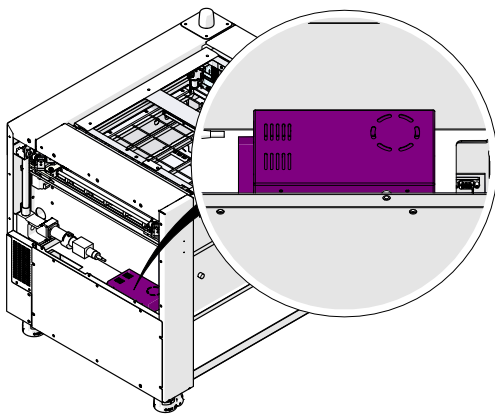
Edge 12 CO2 & Fiber



Edge 24/36 & Pro 24/36



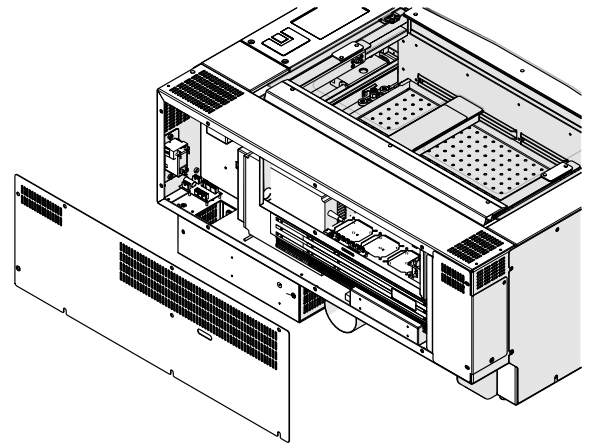
Edge 24/36 & Pro 24/36 Fiber Source



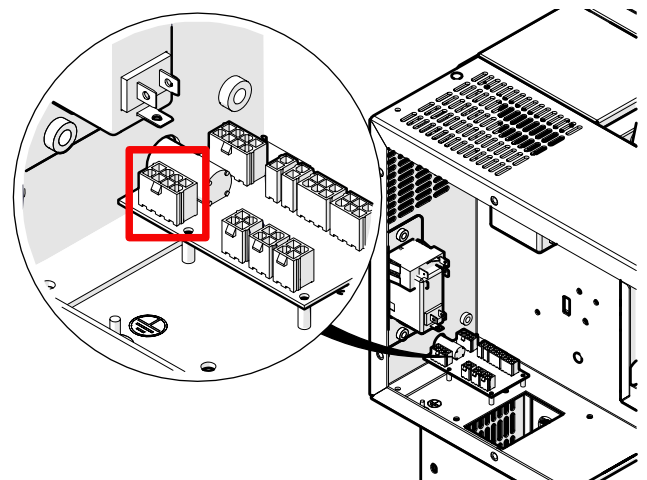
Power Supply Replacement (Edge 12)

Power Supply Removal

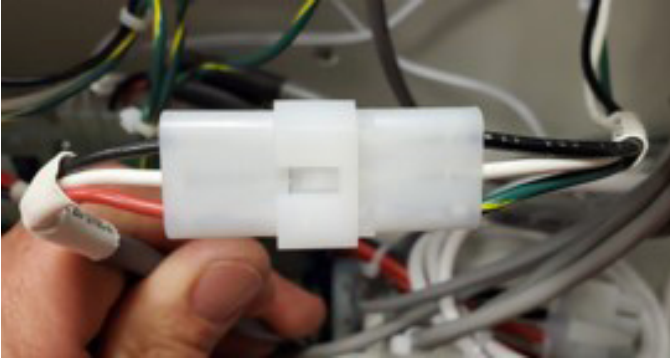
1. Turn off the engraver.
2. Disconnect the engraver from power.
3. Remove the rear panel of the engraver:



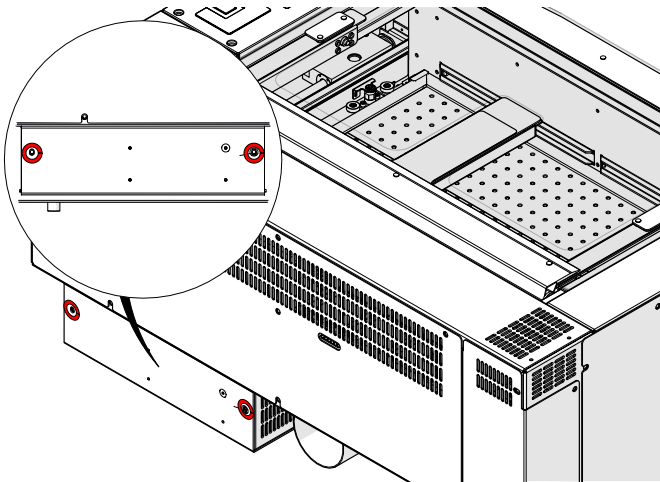
4. Disconnect the power supply harness from the power distribution board:



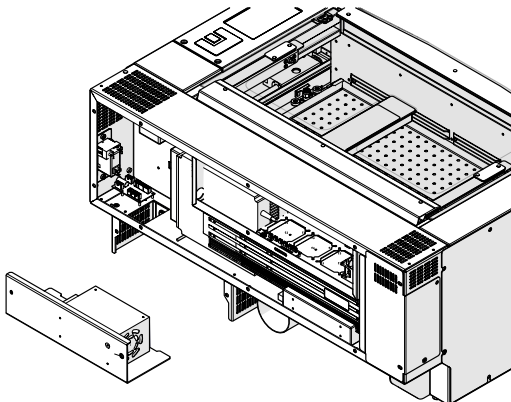
5. Follow the power supply electrical harness from the square cutout in the lower left corner of the engraver and disconnect the power supply electrical harness from the main electrical harness:



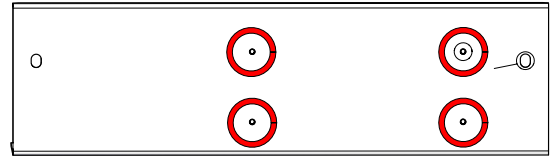
6. Loosen and remove the two (2) 5/32" Allen screws that secure the power supply assembly to the chassis of the engraver:



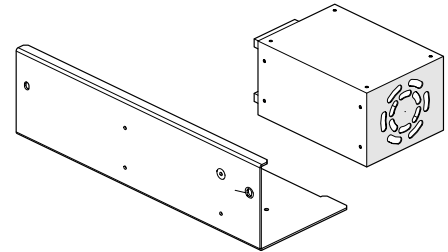
7. Remove the power supply assembly from the engraver:



8. Loosen and remove the four (4) Phillips screws that secure the power supply to the power supply housing:

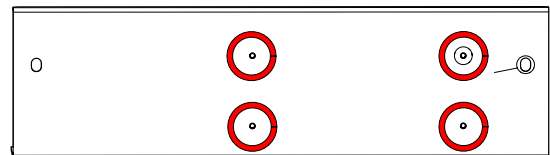


9. Separate the power supply from the power supply housing:



Power Supply Installation

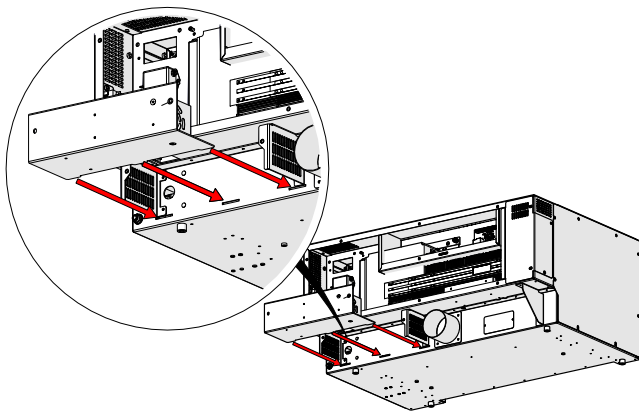
1. Place the power supply in the power supply housing. Install and tighten the four (4) Phillips screws that secure the power supply to the power supply housing:



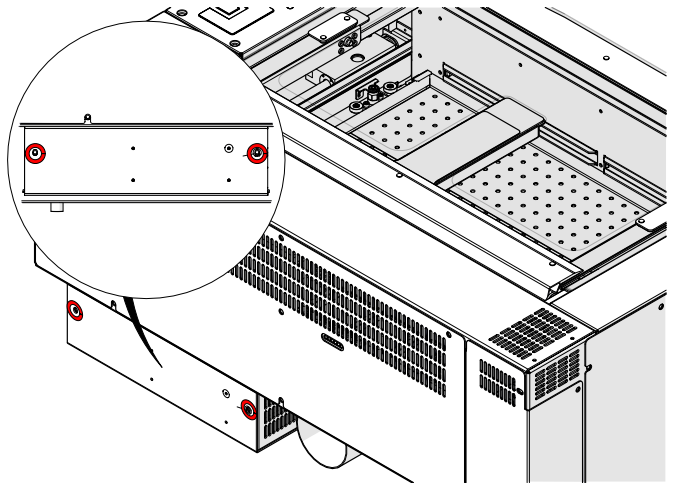
2. Pass the power supply electrical harnesses through the square cutout in the lower left corner of the engraver:



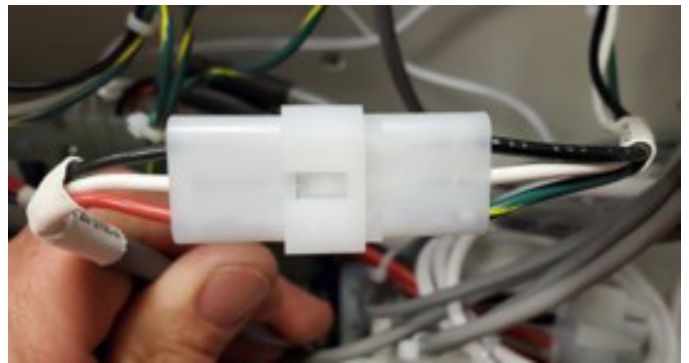
3. Position the power supply assembly into place, ensuring the three (3) tabs on the power supply housing enter the cutouts on the engraver chassis:



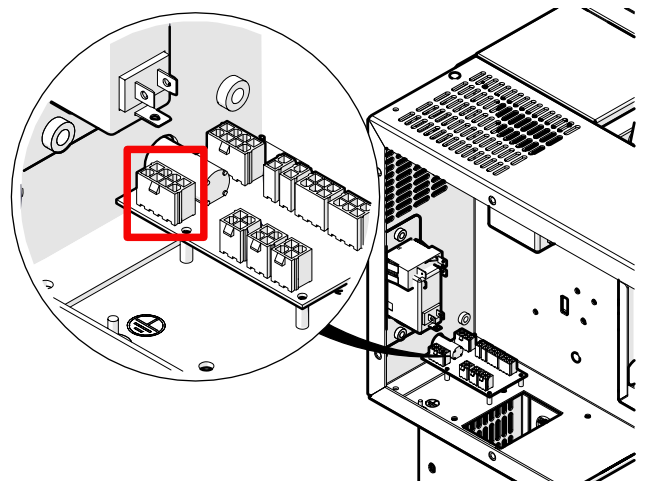
4. Install and tighten the two (2) Allen 5/32" screws that secure the power supply assembly to the chassis of the engraver:



5. Connect the power supply harness with the main harness:



6. Connect the power supply harness to the power distribution board:

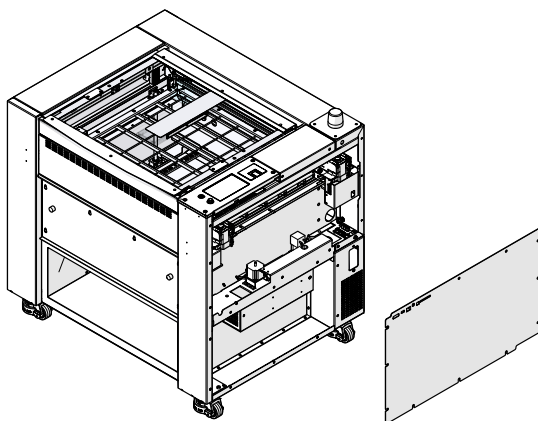
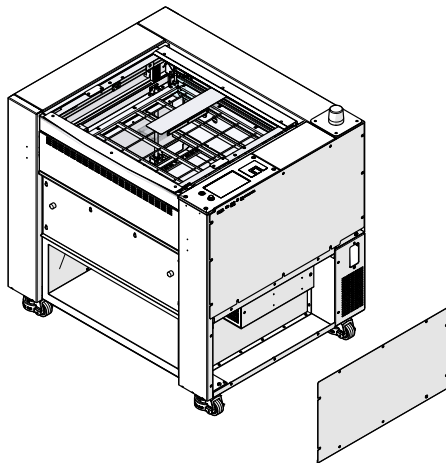


7. Replace the rear panel of the engraver.

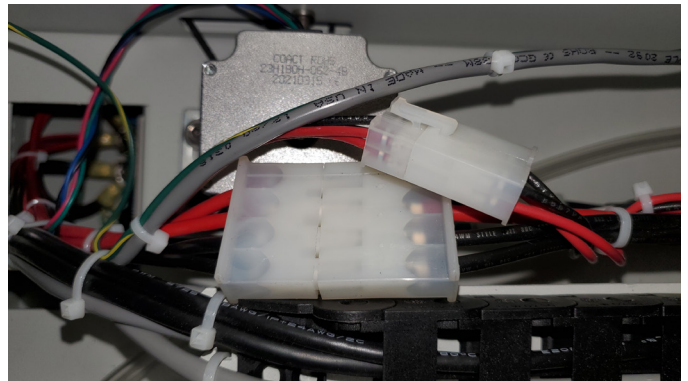
Power Supply Replacement (Edge/Pro 24 & 36)

Power Supply Removal

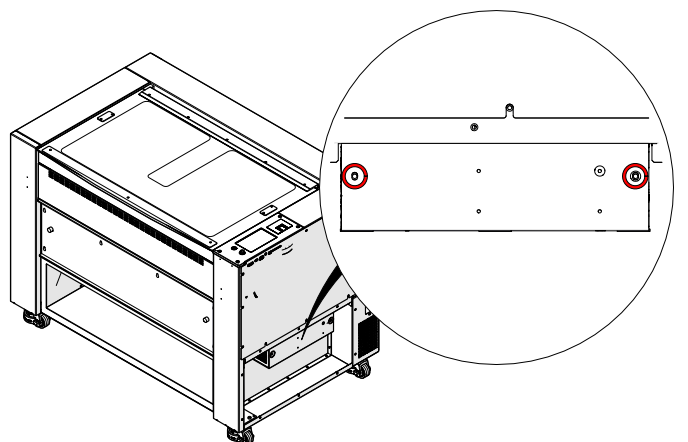
1. Turn off the engraver.
2. Disconnect the engraver from power.
3. Remove the upper and lower right panels of the engraver:



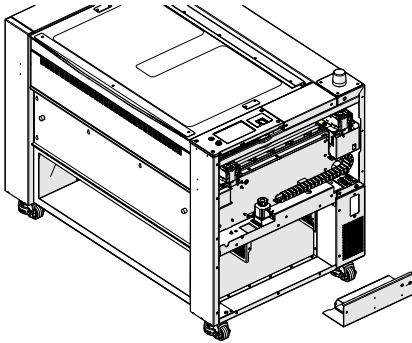
4. Follow the power supply electrical harness from the square cutout in the chassis of the engraver and disconnect the three (3) power supply electrical harnesses:



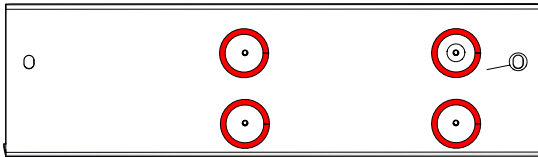
5. Loosen and remove the two (2) 5/32" Allen screws that secure the power supply assembly to the chassis of the engraver:



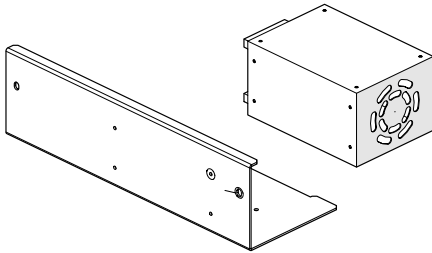
6. Remove the power supply assembly from the engraver:



7. Loosen and remove the four (4) Phillips screws that secure the power supply to the power supply housing:

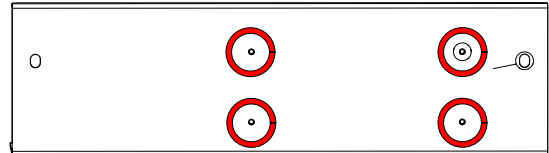


8. Separate the power supply from the power supply housing:

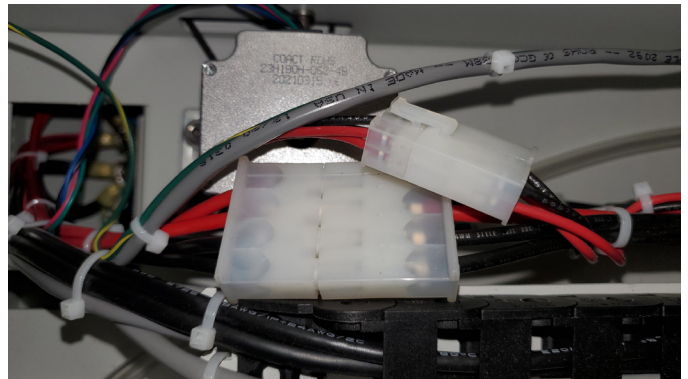


Power Supply Installation

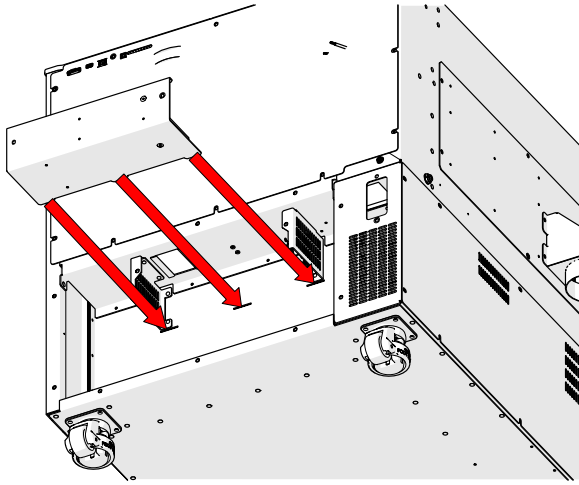
1. Place the power supply in the power supply housing. Install and tighten the four (4) Phillips screws that secure the power supply to the power supply housing:



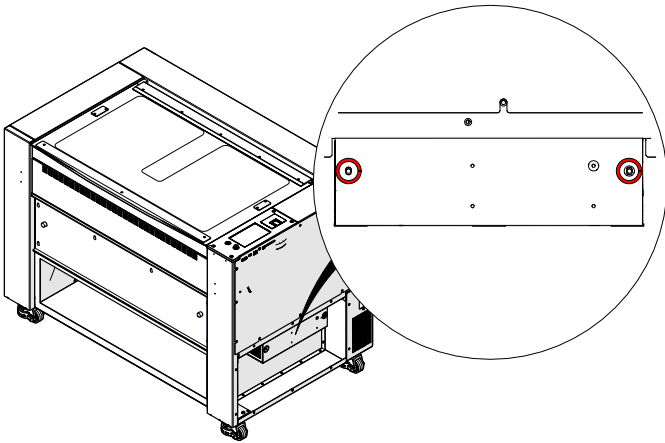
2. Feed the power supply electrical harness through square cutout in the chassis of the engraver and disconnect the three (3) power supply electrical harnesses::



3. Position the power supply assembly into place, ensuring the three (3) tabs on the power supply housing enter the cutouts on the engraver chassis:



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

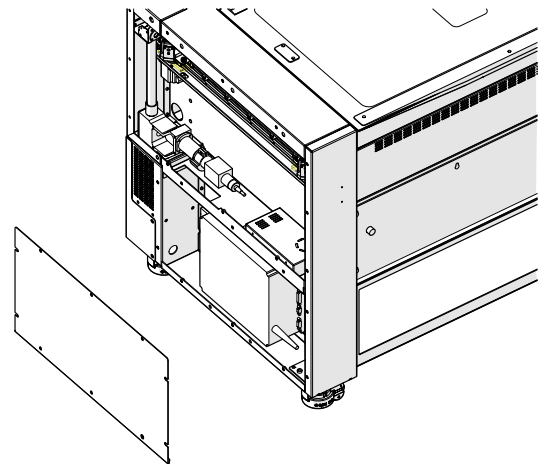
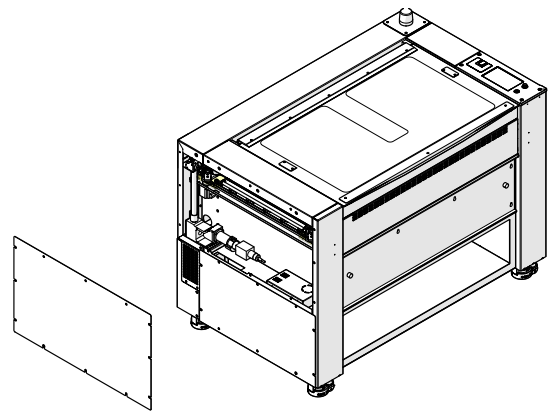


5. Replace the upper and lower right panels of the engraver.

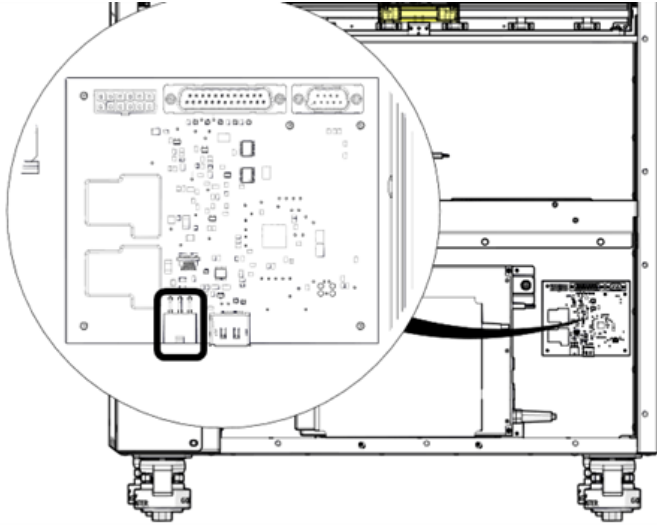
Fiber Power Supply Replacement (Edge/Pro 12, 24 & 36)

Fiber Power Supply Removal

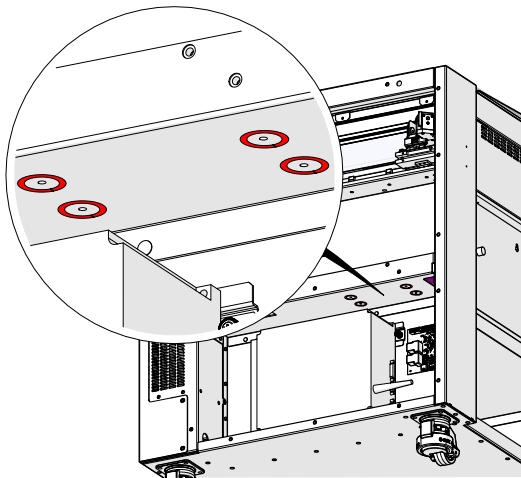
1. Turn off the engraver.
2. Disconnect the engraver from power.
3. Remove the upper and lower right panels of the engraver:



5. Follow the power supply electrical harness from the square cutout in the lower left corner of the engraver and disconnect the power supply electrical harness from the fiber laser board:



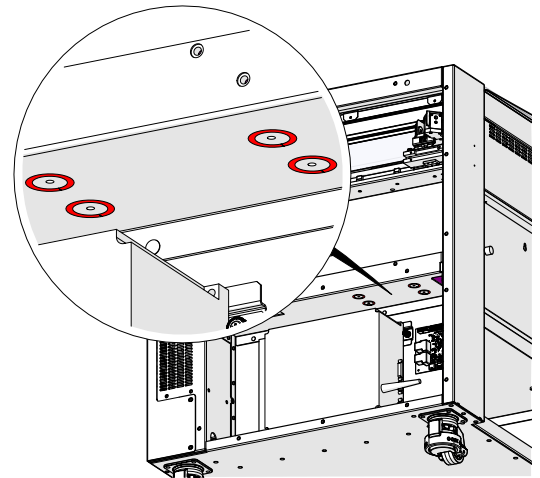
6. Loosen and remove the four (4) 5/32" Allen screws that secure the power supply assembly to the chassis of the engraver:



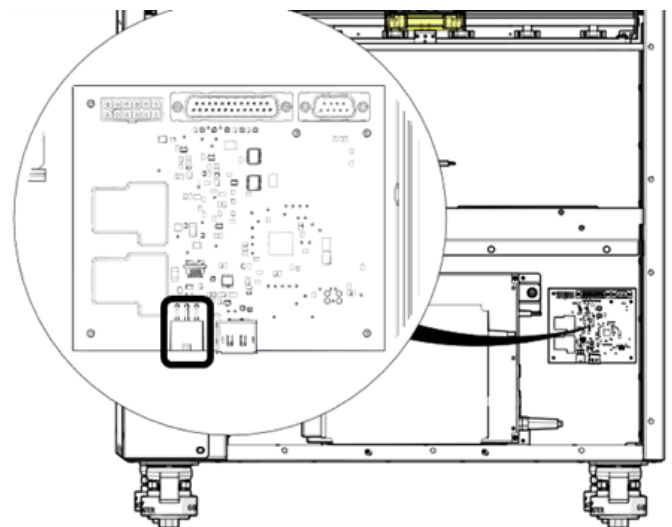
7. Remove the power supply from the engraver.

Fiber Power Supply Installation

1. Position the power supply over the mounting holes on the chassis of the engraver. Install and tighten the four (4) Phillips screws that secure the power supply to the chassis:



2. Route the power supply harness through the square cutout in the lower left corner of the engraver and connect the power supply electrical harness to the fiber laser board:



3. Replace the upper and lower left panels of the engraver.

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