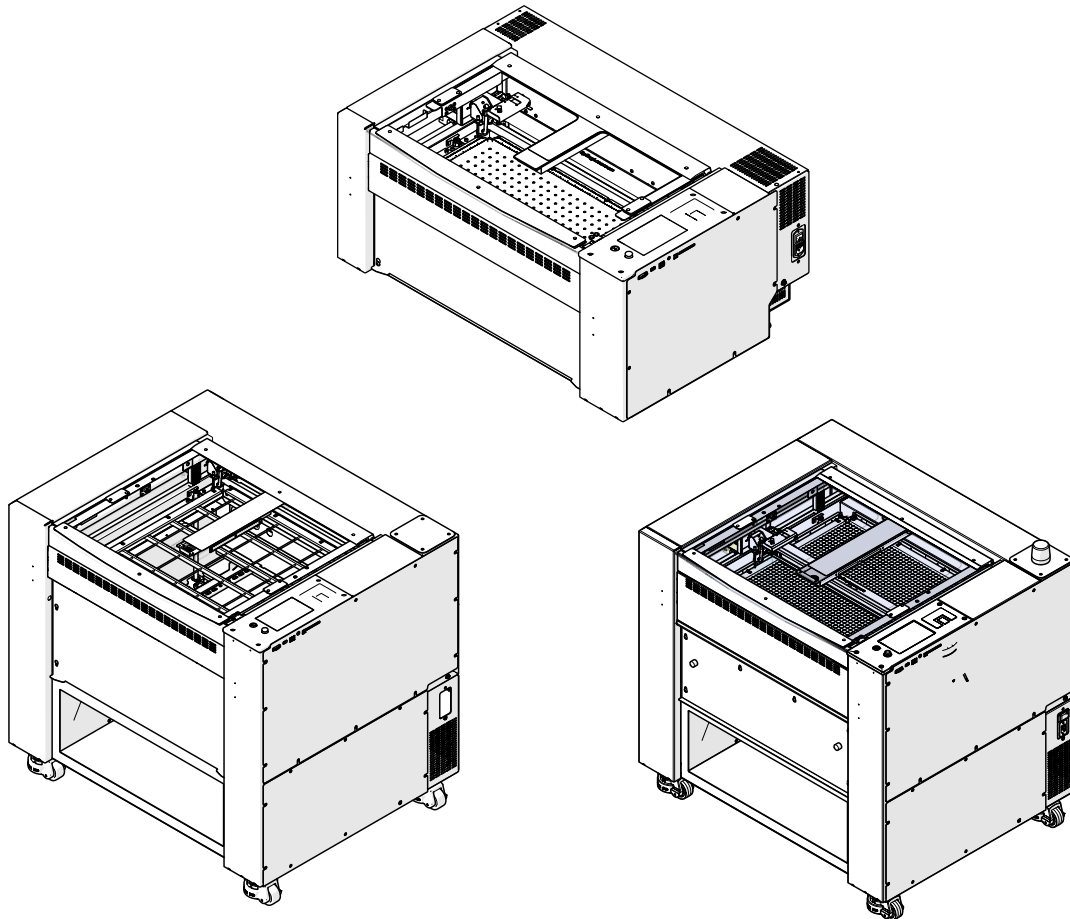


CO2 Laser Tube Replacement Fusion Maker - Fusion Edge - Fusion Pro 24 & 36



Parts Required

- Dependent on laser wattage

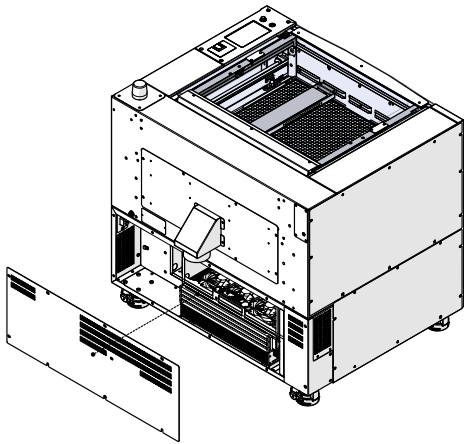
Tools/ Materials Required

- 5/32" Allen Wrench
- Phillips Head Screwdriver

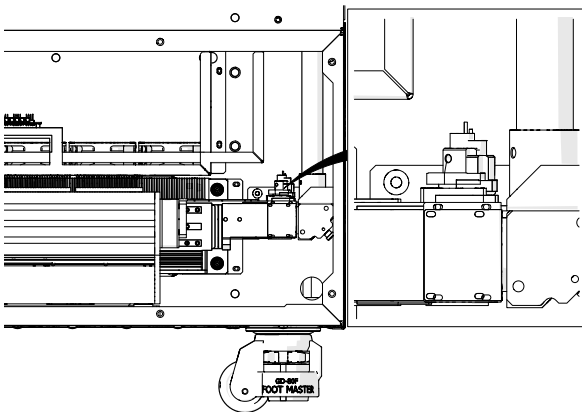
CO2 Laser Tube Replacement

CO2 Laser Tube Removal

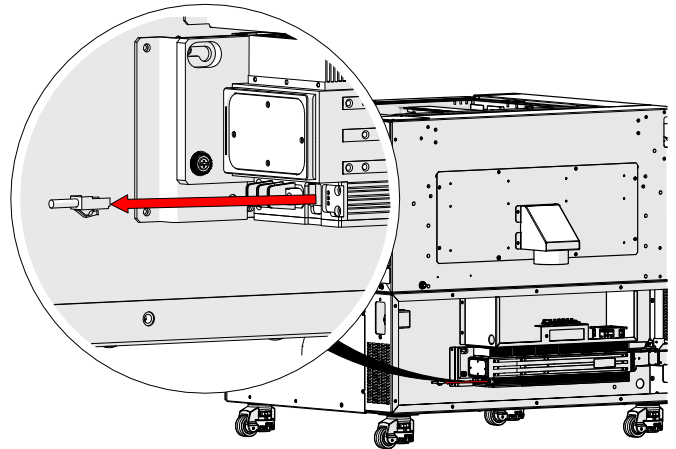
1. Turn off the engraver.
2. Disconnect engraver from power.
3. Depending on the model of engraver, remove the back or lower rear panel of the engraver to uncover the laser bay:



4. Disconnect the red dot pointer harness on the right side of the laser tube:



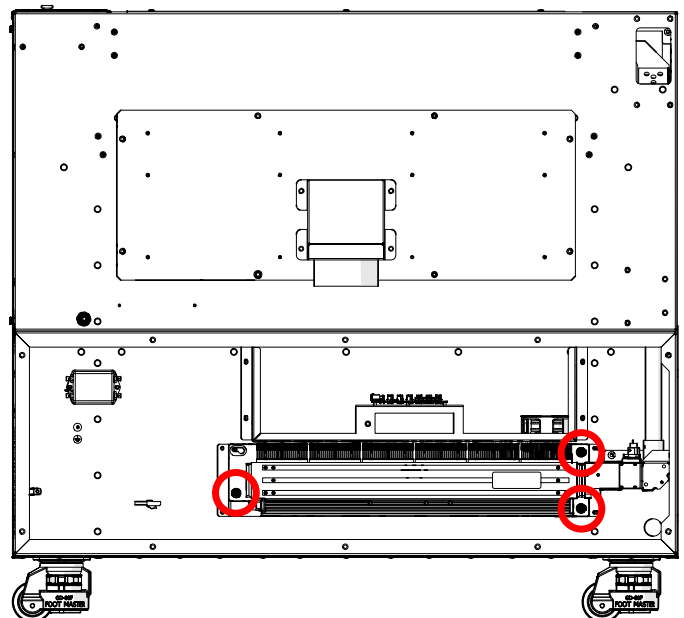
5. Disconnect the data cable on the left side of the laser tube:



6. Disconnect the laser tube power harness from the main electrical harness of the engraver.

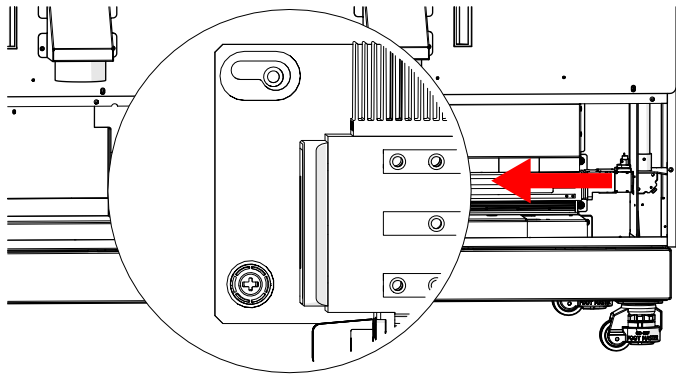
Do not remove the power harness from the laser tube. This should remain connected to the laser tube when being sent back to the factory. The replacement laser tube will arrive with a replacement power harness attached.

7. Loosen the three (3) green-capped Phillips captive screws on the laser tube mounting brackets. There is one (1) on the left bracket and two (2) on the right bracket:

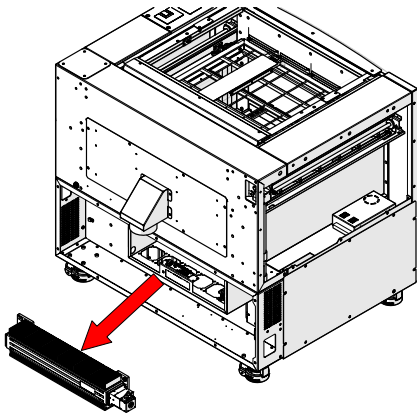


The green-capped screws are captive screws and cannot be fully removed from the laser tube mounting brackets. When the screws have been fully loosened, they will pop away from the laser tube mounting bracket.

8. Slide the laser tube towards the left to clear the guide pin that holds the laser tube in place:

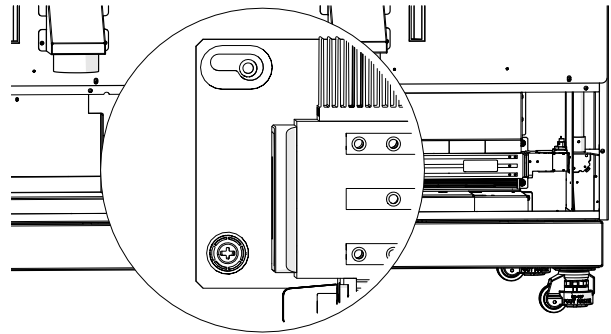


9. Remove the laser tube from the engraver:

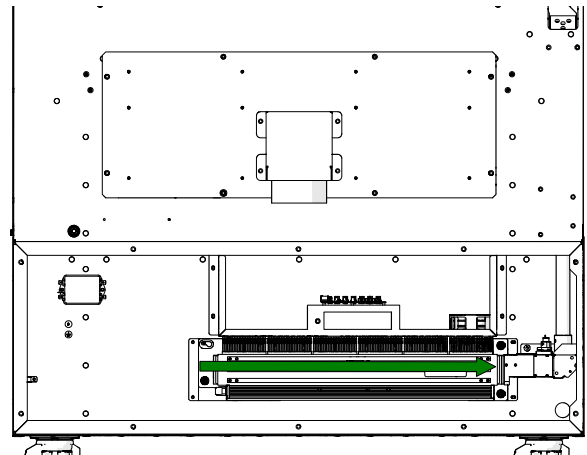


CO2 Laser Tube Installation

1. Install the laser tube into the laser bay, ensuring that the guide pin on the engraver chassis enters the opening on the left bracket:

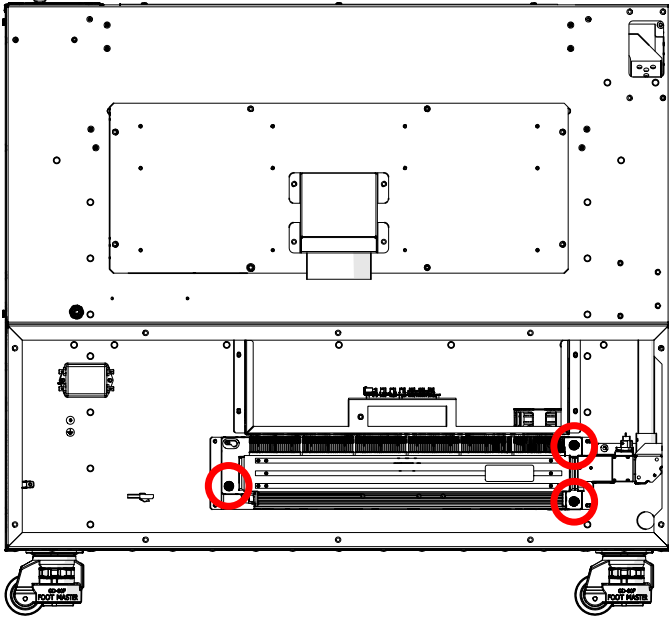


2. Slide the laser tube towards the right to engage the guide pin that holds the laser tube in place:

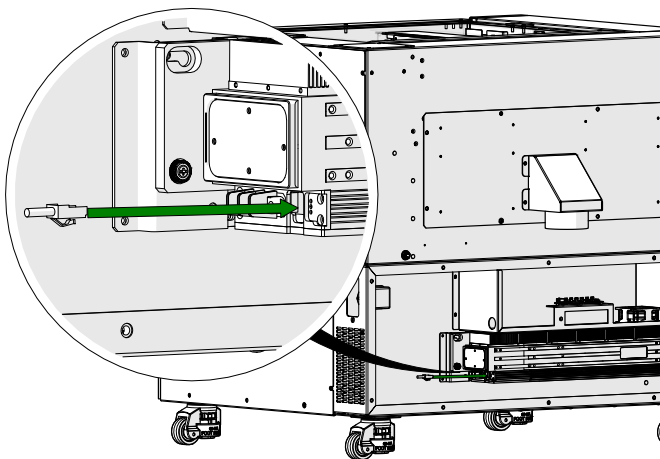


17000 - CO2 Laser Tube Replacement

3. Tighten the three (3) green-capped Phillips captive screws on the laser tube mounting brackets. There is one (1) on the left bracket and two (2) on the right bracket:



4. Connect the laser tube power harness from the main electrical harness of the engraver.
5. Connect the data cable on the left side of the laser tube:



6. Reconnect to power and turn on the engraver.

After a CO2 laser tube replacement you must complete the laser alignment and all focus calibrations.

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