TechSupport

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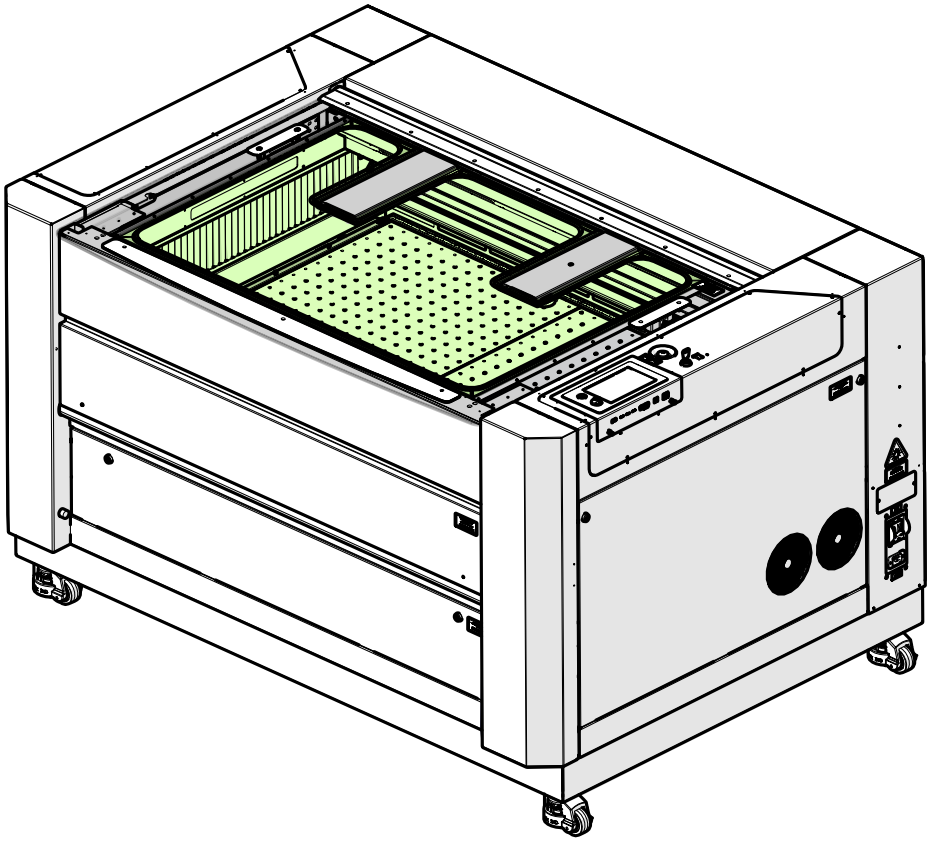
X-Axis Drive Board Replacement

Fusion Pro 32 & 48



Parts Required

- TE0104 - PCB, Servo Motor Drive

Tools/Materials Required

- 5/32” Allen Wrench
- Phillips Head Screwdriver
- Anti-Static Strap

07/2023

X-Axis Drive Board Replacement

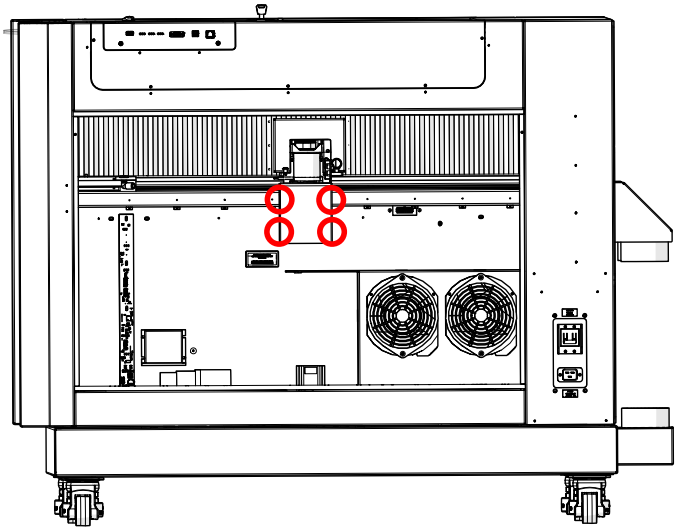
X-Axis Drive Board Removal

1. Turn off the engraver.

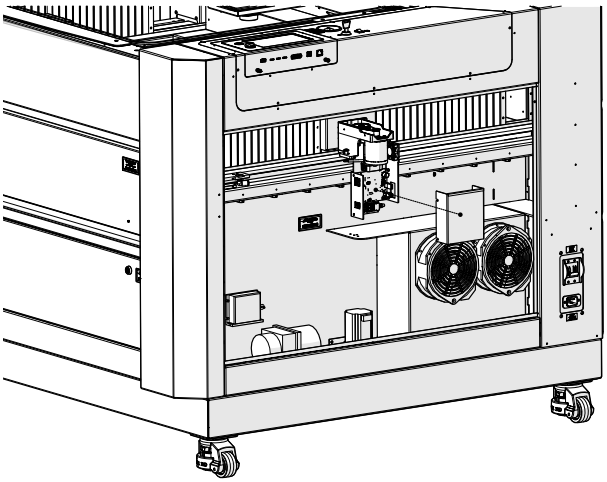
2. Disconnect engraver from power source.

3. Remove the right panel of the engraver.

4. Loosen, but do not remove the four (4) Phillips screws on the x-axis drive board cover:

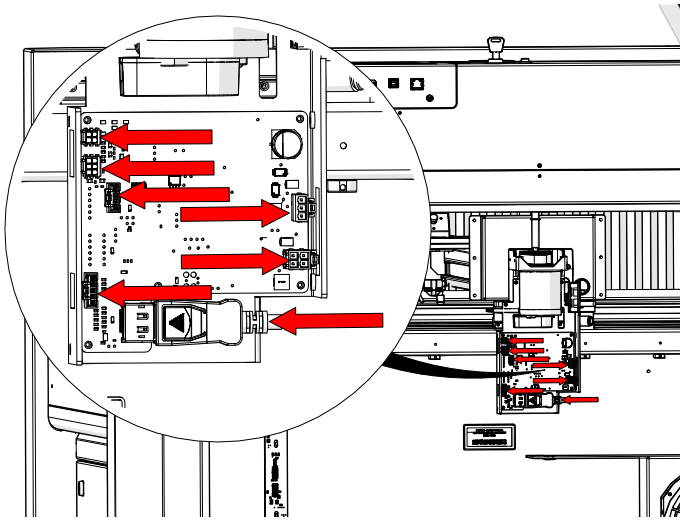


5. Remove the x-axis drive board cover:

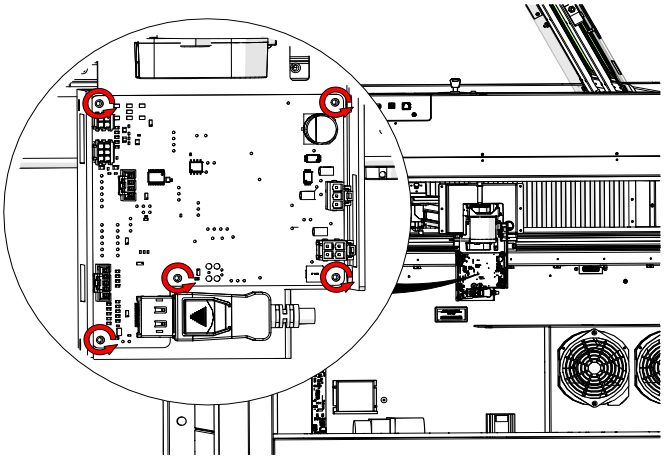


6. Place the anti-static strap around your wrist and attach the clamp to a bare metal surface in the machine.

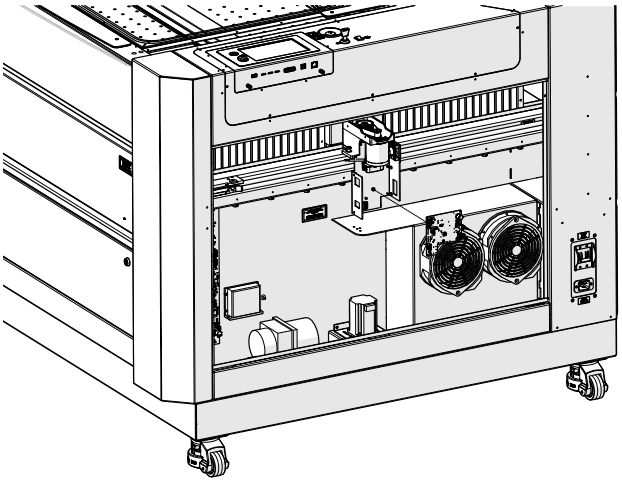
7. Remove the seven (7) electrical connections on the drive board:



8. Remove the five (5) Phillips screws that secure the drive board to the housing:

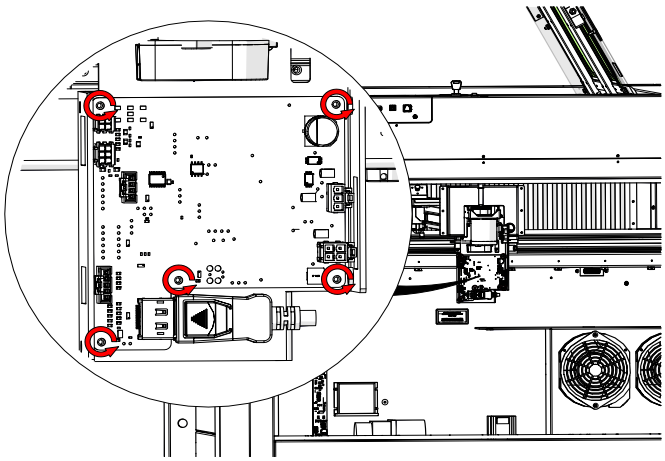


9. Remove the x-axis drive board from the housing:



X-Axis Drive Board Installation

1. Place the new drive board in the housing and install the five (5) Phillips screws that secure it:



4. Replace the right panel of the engraver.

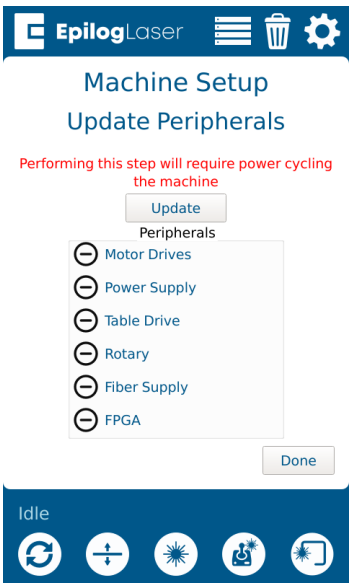
5. Reconnect to power and turn on the engraver.

Programming the X-Axis Drive Board

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 Motor Drives and FPGA 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.