TechSupport

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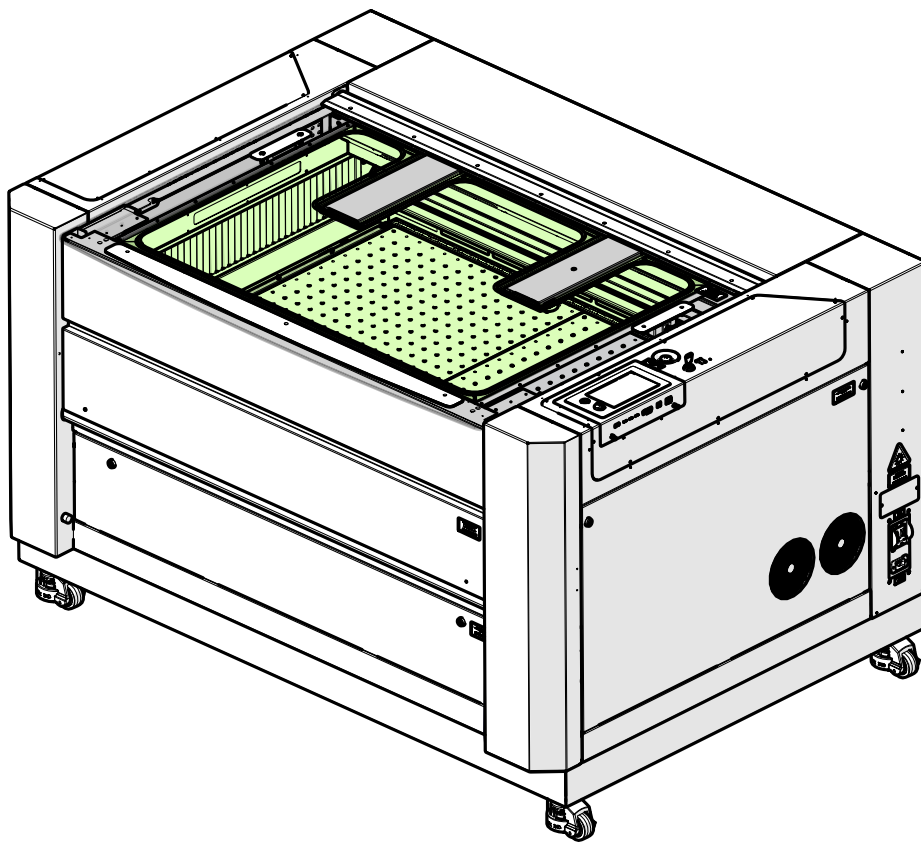tech@epiloglaser.com
303-215-9171

X-Axis Motor Replacement
Fusion Pro 32 & 48


Parts Required
- CS0833 - Assy, Motor, X-Axis

Tools/Materials Required
- 5/32" Allen Wrench
- 2.5mm Allen Wrench
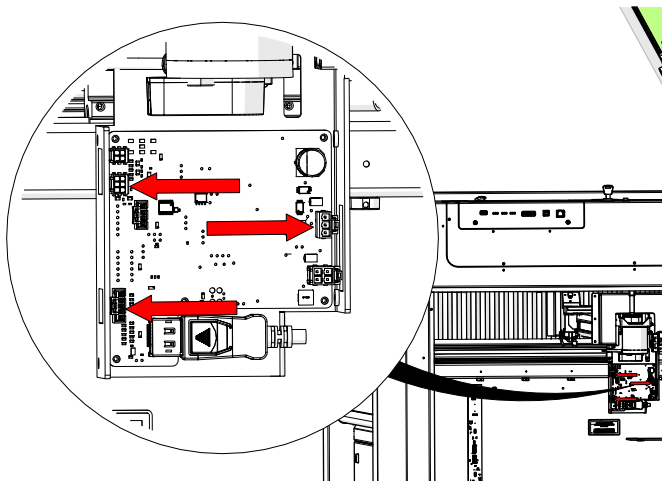- Phillips Head Screwdriver

07/2023

X-Axis Motor Replacement
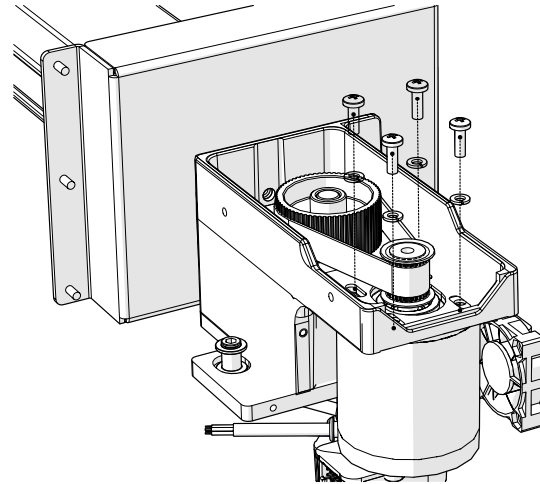
X-Axis Motor Removal

1. Turn off the engraver.

2. Disconnect engraver from power.

3. Remove the right panel of the engraver.

4. Manually move the x-axis assembly to the middle of the engraver.
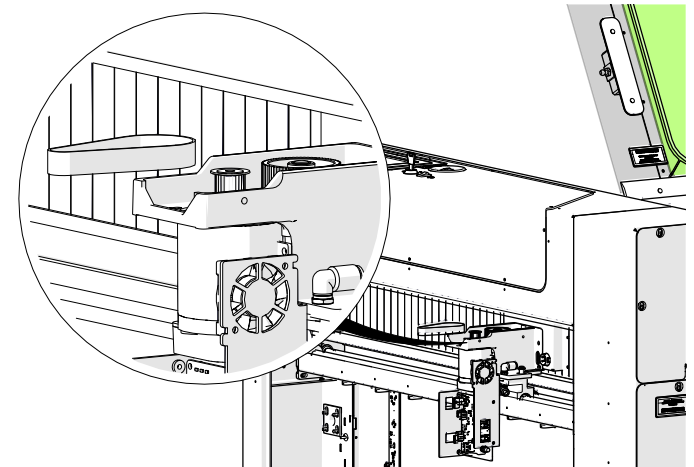
5. Remove the x-axis motor drive board cover:
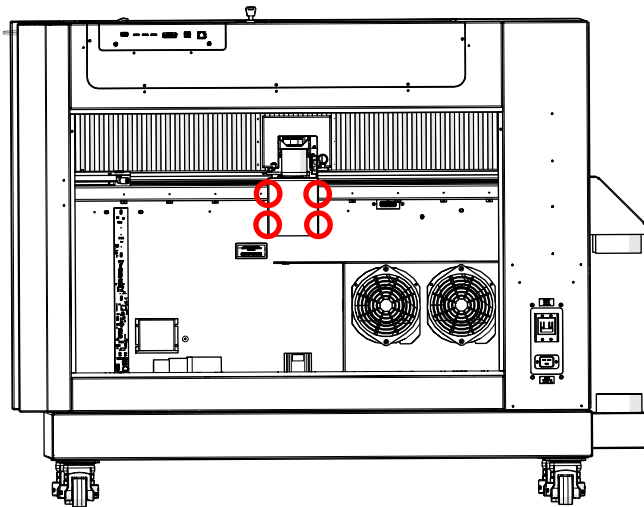
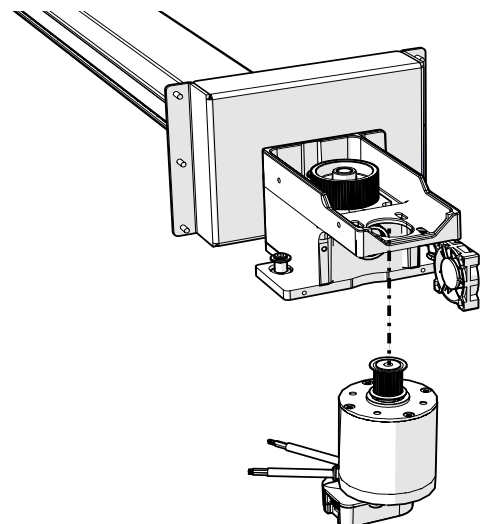6. Disconnect the three (3) x-axis motor leads from the x-axis motor drive board:

7. Loosen and remove the four (4) 2.5mm Allen screws that secure the x-axis motor to the x-axis assembly:

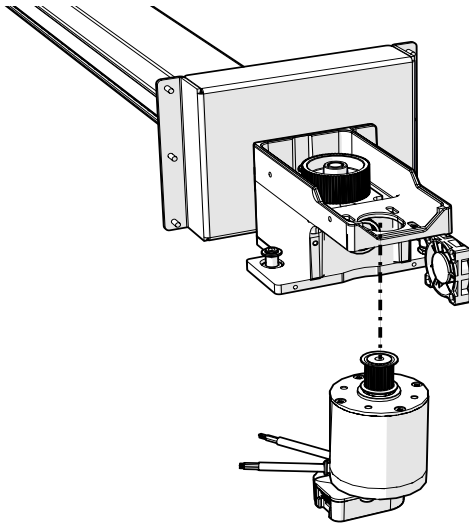8. Remove the x-axis reducer belt from the x-axis assembly:
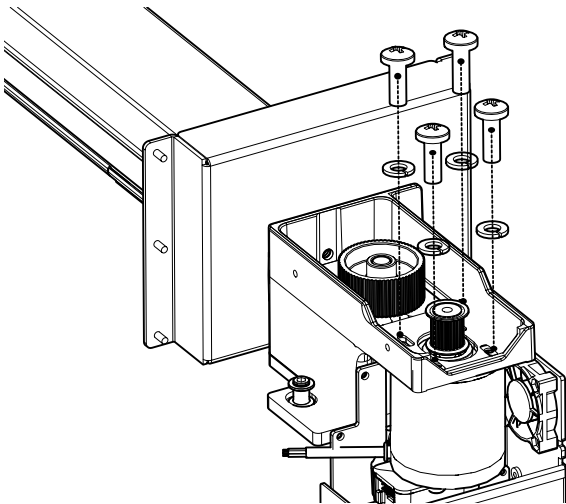

9. Remove the x-axis motor:

2

X-Axis Motor Installation

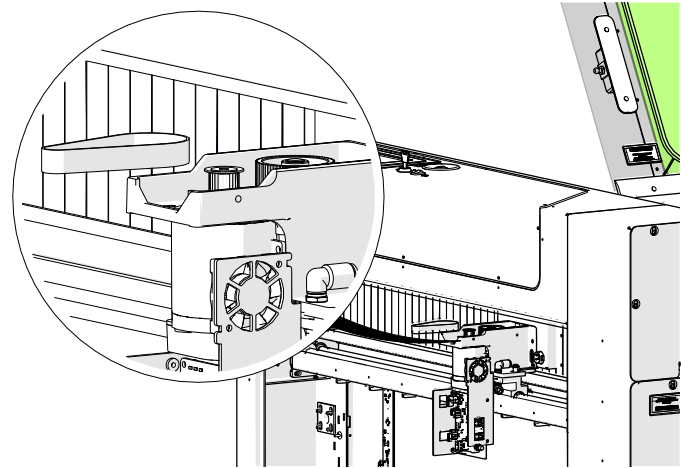1. Place the x-axis motor into the x-axis assembly:

The x-axis encoder connection must face the front of the machine as shown above.
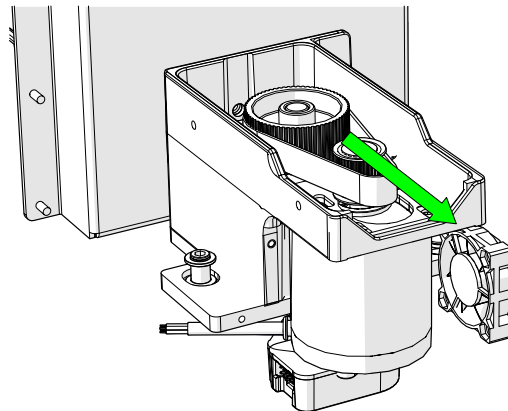
2. Install, but do not fully tighten the four (4) 2.5mm Allen screws that secure the x-axis motor to the x-axis assembly:
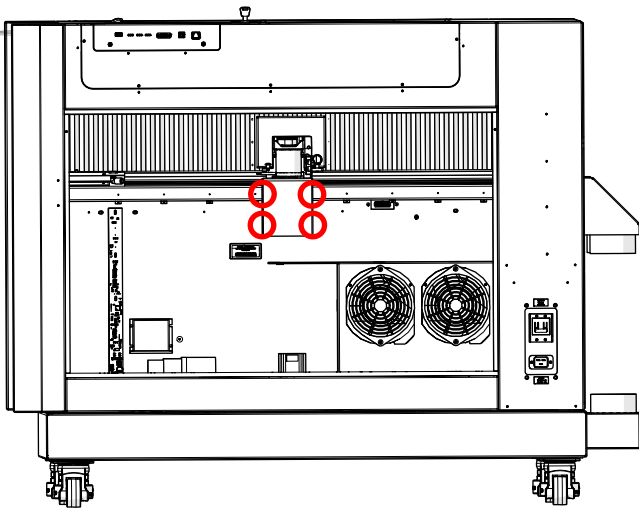

3. Install the x-axis reducer belt:

4. Apply tension to the x-axis reducer belt by pulling the motor away from the x-axis reducer pulley:

5. Once the slack is removed from the reducer belt, fully tighten the four (4) 2.5mm Allen screws that hold the x-axis motor to the x-axis assembly.

6. Replace the x-axis motor drive board cover:

7. Replace the right side panel of the engraver.

8. Reconnect to power and turn on 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.