



EPILOG LASER

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Procedure Title: Replacing the X-Axis Assembly

Machine Type: Legend 36EXT

Tools Needed: Philips head screw driver

Intro:

This procedure details steps to removing the I-beam.

Procedure:

1. Pull I-beam to the center of the machine



2. Remove left side panel

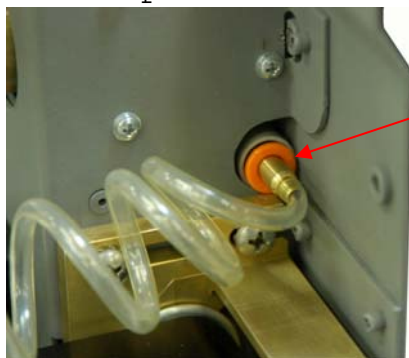
Note: There are three screws holding the panel to the back of the machine.



3. Remove right side panel

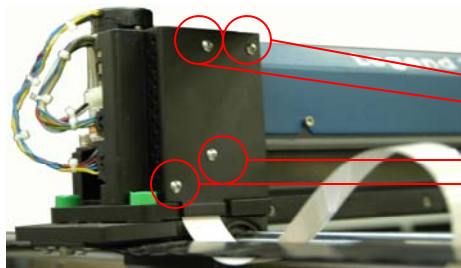


4. Pull out the air intake. Pushing on the orange ring and pull on the air hose.



Air Intake

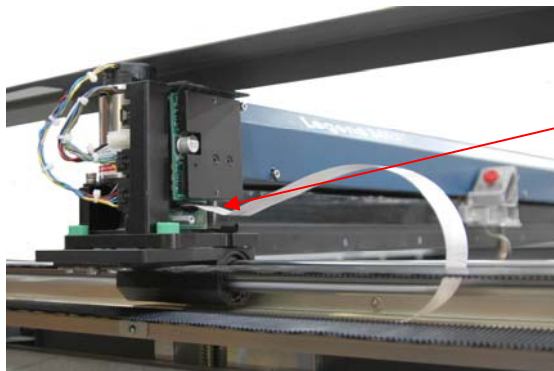
5. Remove the amplifier cover on the left side of the I-Beam.



Remove these four screws

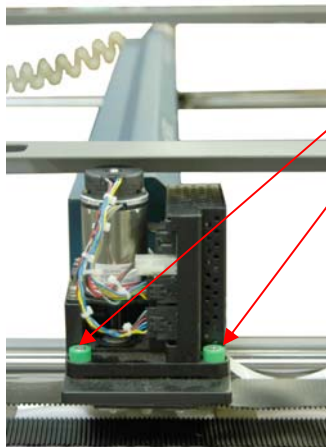
6. Detach the white ribbon cable. The white ribbon cable connects to the amplifier by a black connector. With the index finger, press the lever

under the connector and pull down on the ribbon cable.



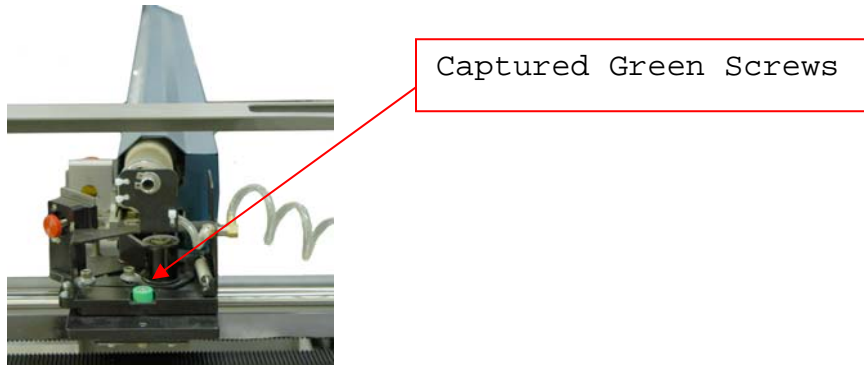
White
Ribbon
cord

7. Unscrew the green captured screws found on each side of the I-beam.
 - a. Start with the left side; unscrew both of the captured green screws.



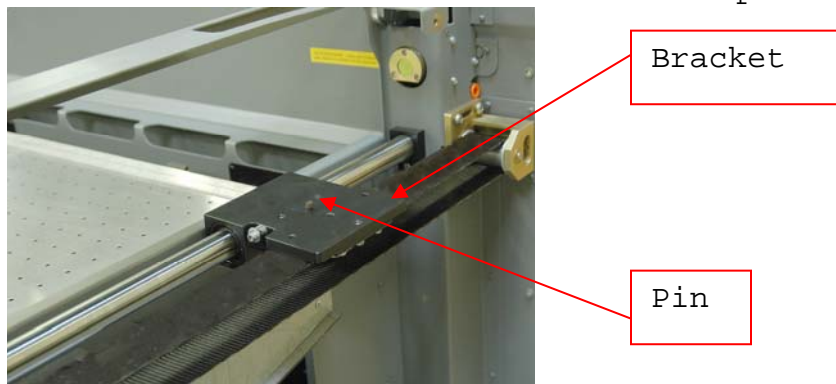
Captured Green Screws

- b. The right side only has one captured green screw.



8. Hold the I-Beam in the center and pull up.
Note: Use caution when lifting the left side of the I-beam. Make sure the x-motor clears the Frame rail above the I-beam.

9. To Install the I-beam, place the I-Beam exactly as it was removed. The I-beam sits on black brackets that have pins for exact placement of the beam. Make sure the I-beam sits on these pins.



10. Move the bracket along the rail from front to rear a couple of times to ensure smooth y-axis movement.
11. Tighten the captured green screws.
12. Reconnect white ribbon cable.

13. Replace Amplifier cover.
14. Reconnect the air supply
15. Replace the side panels.

If you have any questions, please contact Epilog's
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