



EPILOG LASER

16371 Table Mountain Parkway

Golden, Colorado 80403

Phone 303-215-9171 - FAX 303-277-9669

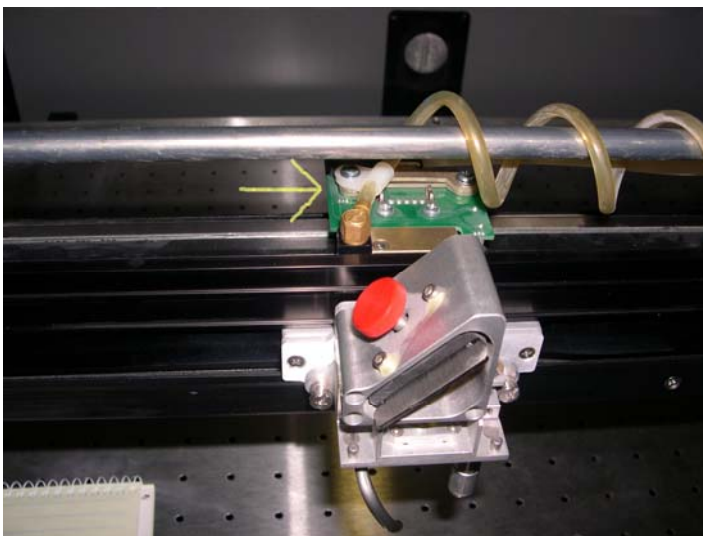
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Procedure Title: **X-axis Encoder Reader on Legend EXT**

Machine Type: **Legend EXT**

Tools Needed: #1 & #2 Phillips head screw driver
3/32 Allen wrench

1. Make sure power is turned off and power cord is unplugged from the wall outlet.
2. Open up the main door to gain access to the I-beam. The I-beam is the long horizontal bar with a blue cover over it and has the Epilog website written on top right side of it.
3. Use a #2 Phillips head screw driver to loosen up the 10 Phillips head screws, 5 of them is located on the front and 5 on the back of the blue cover. These screws do not need to be removed completely because the bottom of the blue cover is slotted.
4. Once the blue cover is removed, locate the X axis encoder reader board. This board travels along with the lens carriage assembly when you manually slide it with the machine turned off. Look at picture 1 with the arrow for reference.



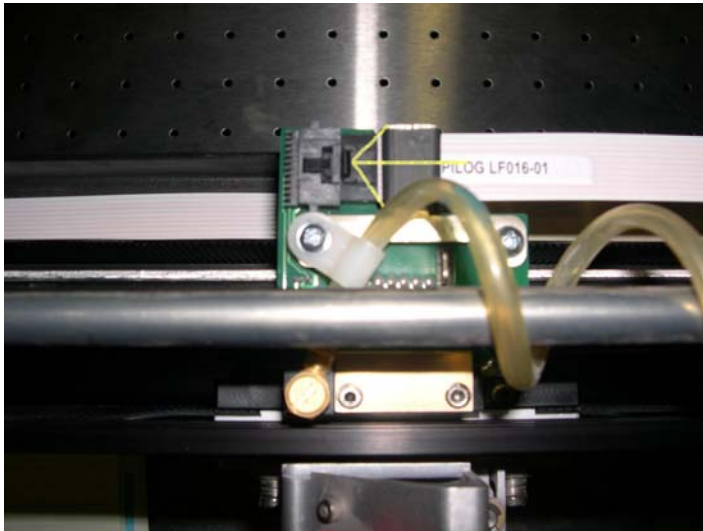
Picture: 1

5. Use a #1 Phillips head screw driver to remove the 2 screws in picture 2 with the arrows pointing to it for reference.



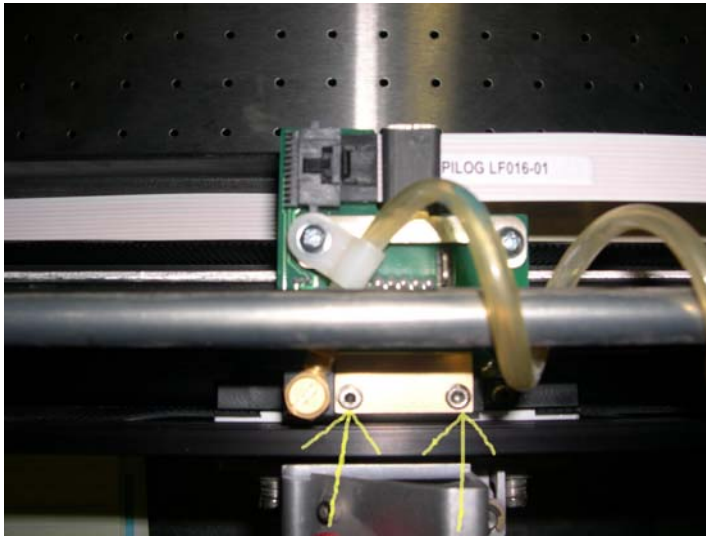
Picture: 2

6. Once you have the bracket removed, disconnect the white ribbon cable from the X axis encoder reader. This cable does not pull straight out; you have to push down the plastic latch to release the lock. Look at picture 3 with the arrow for reference.



Picture: 3

7. Use a 3/32 Allen wrench to remove the 2 Allen screws. Look at picture 4 with the arrow for reference.



8. Make sure the read head is positioned correctly to where the encoder strip is sitting right in the middle. The read head is the brown piece attach on the bottom side of the X axis encoder reader.
9. To install the new X axis encoder reader, simply reverse steps 7 back to 2.

If you have any questions, please contact Epilog's Technical Support
Phone 303.215.9171
Fax 303.277.9669
E-Mail tech@epiloglaser.com