# EPILOG LASER

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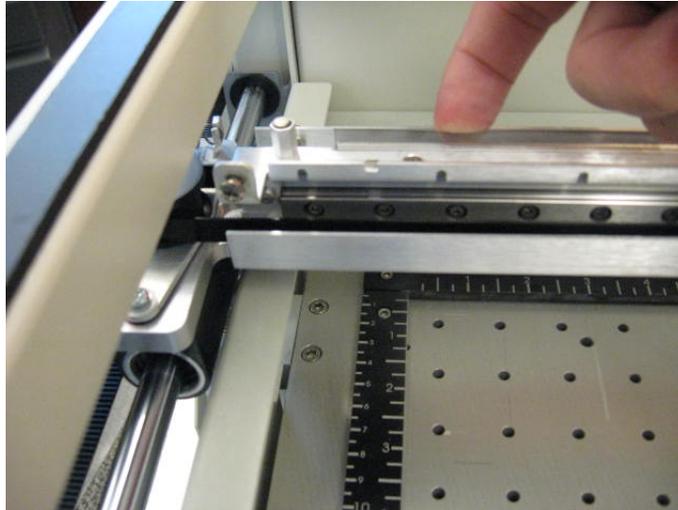www.epiloglaser.com

Machine Type:        Fibermark

Procedure:           Replacing the Encoder strip

Tools Required:      Small tip screw driver


1. Turn off the engraver and disconnect it from its power
   source.

2. Open the access window.

3. Move the X-axis assembly to the center of the engraver.

4. Loosen, but do not remove the seven screws, two on the
   front and five on the rear, which secure the yellow x-
   axis cover. Remove the cover and set it to one side.

5. Directly behind the lens carriage is the Encoder reader
   assembly. Attached to the encoder reader is a white
   ribbon cable. Remove the cable by depressing the clip
   and pulling the connector to the left.

6. The Encoder reader needs to be removed. The reader can
   be removed by removing the 3/32 Allen screws which
   secure the board to the lens carriage.

7. The encoder strip is the clear piece of plastic about
   the thickness of a sheet of paper that sits vertically
   in the x-axis assembly as shown in picture 1

Picture 1

8. Pull the x-axis assembly to the front of the engraver. The screws which secure the encoder strip are only accessible from the rear of the rail.

9. Remove the 13 screws which secure the Encoder strip and the Encoder strip support (this is the small aluminum bar that is between the screws and the Encoder strip itself.

10. Installing a new encoder strip is very simple, When standing in front of the machine the text on the encoder strip should face so it is upside down and backwards, or to where the text if facing the back of the machine.

11. Line up the screw holes on both the Encoder strip and the encoder strip support and loosely install the 13 screws that were removed earlier. Once all 13 screws are installed, go back and tighten the screws.

12. Re-install the encoder reader with the 3/32 Allen screws making sure that the encoder reader straddles the encoder strip. If the reader does not straddle the encoder strip, the x-axis will slam when the machine is restarted.

13. Re-connect the white ribbon cable to the Encoder reader assembly.

14. Replace the x-axis cover.

15.Reconnect the engraver to its power source.


This completes changing the encoder strip in your FiberMark laser engraver.

If you have any questions please call Epilog's Technical Support
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