



EPILOG LASER

Component Replacement Instructions

Procedure Title: **Y-axis Motor Replacement**

Machine Type: **Epilog Mini/Helix**

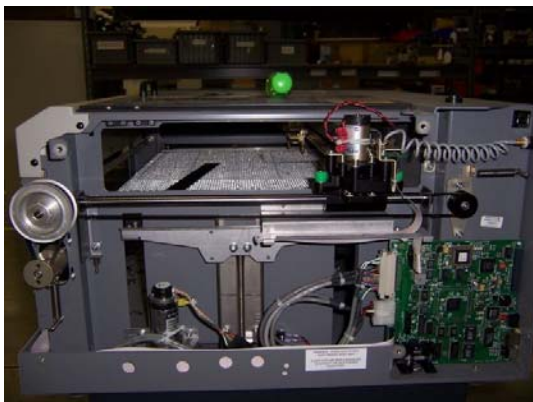
Tools Needed: Medium Phillips Head Screwdriver
1/16 Allen Wrench

1. Turn the engraver off. Unplug the Machine.
2. The Y-axis motor is located on the right side of the machine hidden behind the grey panel (Picture 1). You will need to remove this grey panel. There are 4 Phillips head screws along the side and 2 screws in the back of the machine holding the panel in place. Take the panel off and set it aside.



1

3. Stand on the right side of the machine, the y motor assembly will be located towards the left side under a large pulley (Picture 2).



2

4. Now you must first remove the front ventilated panel (Picture 3). It too has 4 Phillips screws. Remove them and pull off the cover to set it aside.



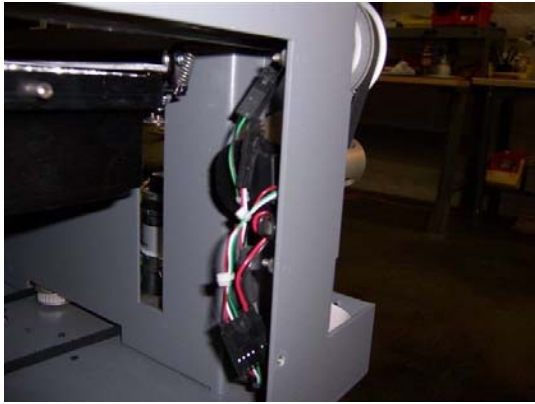
3

5. Look at Picture 4 and you will notice that inside the motor pulley block (brass colored) there are 2 small 1/16 Allen Screws. These screws hold the motor in place and must be removed. They can be removed by inserting the Allen wrench through the holes located to the outside right of the block.



4

6. Also, surrounding the brass colored block there are 4 silver Phillips screws that keep the block from sliding up and down. You should mark around the screws with a pencil because you will need to return the screws back to their original positions on their vertical slides. You should, at this point, get a feel for how tight the belt tension is before loosening the tensioning bracket. Now, loosen all 4 screws enough so that you can push up on the brass block to relieve the tension of the y motor belt above it. Hold the block in the up position. You will feel the spring pulling down the block. From the inside of the front panel (Picture 5), grab the motor and pull it to the left. If you are having difficulty removing the motor, you may tap in the flat part of the motor pulley that is exposed on the center of the right side of the brass block.



5

7. Once you have the motor in hand you must disconnect the harness to pull the unit out completely.

8. Reverse steps 7 through 1 to install the replacement motor. It is important to note that when you are about to screw in the two 1/6 Allen screws that the holes on the motor line up with the holes on the brass block so that the screws can thread in.

If you have any questions, please contact Identify Technical Support

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