



EPILOG LASER

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Procedure Title: Replacing the Z motor

Machine Type: Legend 36EXT

Tools Needed: Philips Head Screw Driver

Intro:

This procedure details steps to replacing the z-motor in the Legend 36EXT. Before starting on this procedure, unplug the power cord from the machine. It may also be helpful to put the machine on its wheels.

Procedure:

1. Remove both side panels.



Left Side

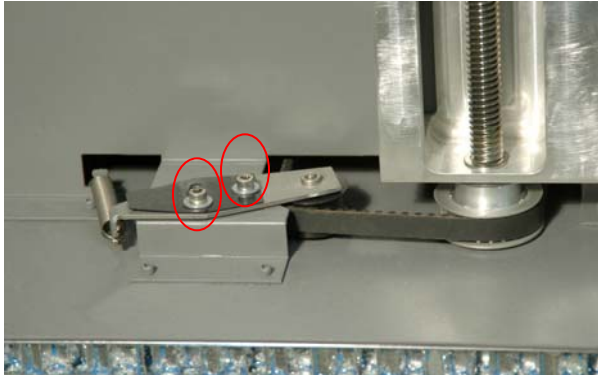


Right Side

2. Loosen the Z-belt.
 - a. Locate the pulley system on the right side of the machine.

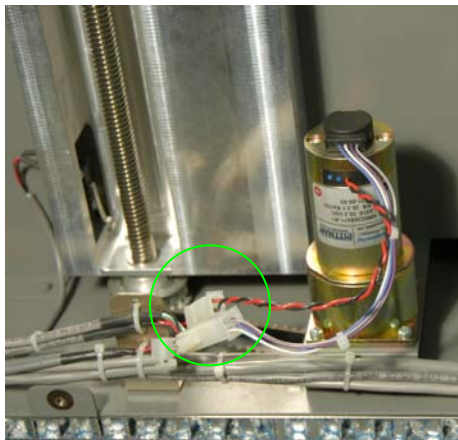


b. Loosen the two hex screws.



c. Pull the pulley to the right (out of the machine) and simultaneously tighten the two hex screws.

3. Disconnect the two z-motor leads.



4. Unscrew the four screws around the motor.



5. Remove the motor.
 - a. Slide the motor forward in the bracket.
 - b. Push the belt down while wiggling the belt off the silver spindle.
 - c. Slip the belt under the spindle
 - d. Pull the motor out.
6. Replace the motor with a new motor.
7. Place the motor over the bracket.
8. Lift the belt out of the hole in the bracket and fit the belt over the silver spindle.
9. Put the motor into the bracket with the sticker on the motor facing out of the machine.



10. Check the pulley system on the machine to ensure the belt is properly positioned.
11. Tighten the Z-belt.
 - a. Loosen the two hex screws on the right side pulley system.



- b. Allow the pulley to snap into place.
 - c. Tighten the two hex screws.
12. Reconnect the two motor leads.
13. Replace the side panels.

If you have any questions, please contact Epilog's
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