



EPILOG LASER

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Procedure Title: Replacing the Y-motor

Machine Type: Legend 36EXT

Tools Needed: Philips head screw driver

Intro:

This procedure details steps to replacing the Y-motor on the Legend 36EXT. The Y-motor drives the I-beam from front to back of the machine by controlling the Y belts on the left side of the machine.

Procedure:

1. Remove the left panel of the machine.



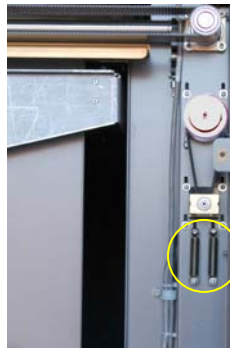
2. Remove the front panel.



3. Locate the Y-motor



4. Disengage both of the springs holding the motor. Let the springs hang from the bottom peg.



5. Disconnect the three electrical connectors holding the leads for the motor. These leads are on the back side of the motor, inside the machine.



6. Unscrew the four screws holding the motor.



7. Disengage the small belt connected to the motor pulley from the large silver spindle above the motor.



Unhook this belt
to release the
motor from the
pulley system

8. Remove the motor by pulling the motor from the inside the machine.
9. Replace the motor by sticking the belt end out of the machine.
10. Loosely screw in the four screws that hold the motor in place.
11. Loop the small belt around the large silver spindle above the motor.



12. Connect the two springs. Make sure the springs are on the inner groove of the pegs.
13. Allow the motor to be placed by the springs. Screw in the motor exactly as it hangs.
14. Reconnect the three electrical connectors holding the motor leads.

15. Replace the side panel.
16. Replace the front panel.

If you have any questions, please contact Epilog's

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