



# X Axis Sensor Replacement

Step-By-Step for the  
Epilog Fusion/Fusion M2

# Replacing the X Axis sensor should be done if:

- You cannot Jog left or right
- During boot up the head doesn't go to the left.

# Things You Will Need

- Phillips Screwdriver
- X-Y Limit Switch (2 total on each Axis)

# Remove X Axis Cover

Make sure Fusion is turned off and disconnected from power source.



Remove the top cover from the X-Axis assembly by using a Phillips screwdriver to unscrew the Phillips screws at the front and the back of the cover.

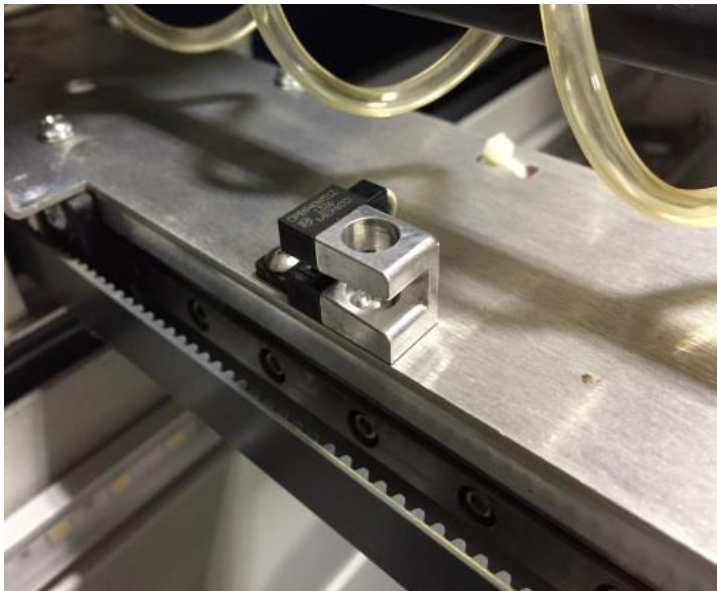


X Axis Sensor Replacement Fusion

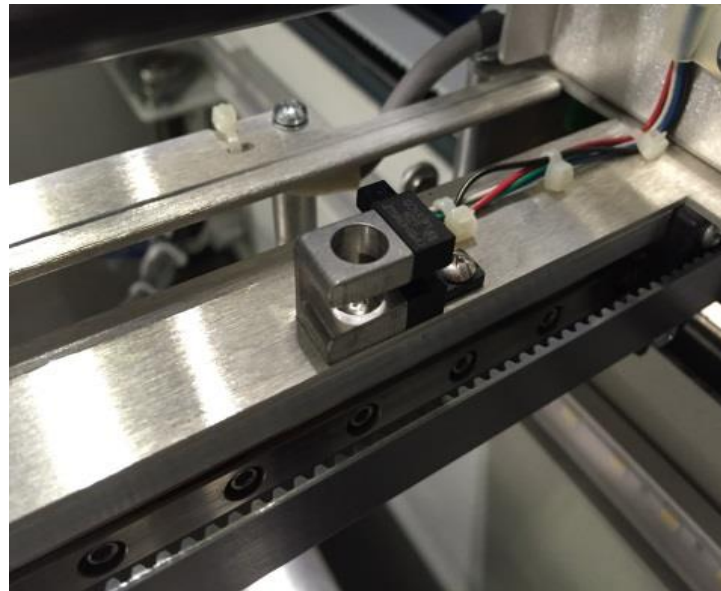
# Locate and Remove Sensors on X-Axis

With a Phillips Screwdriver, unscrew the two Philips screws that are holding the black sensor and the silver housing.

**Please see pictures for reference.**



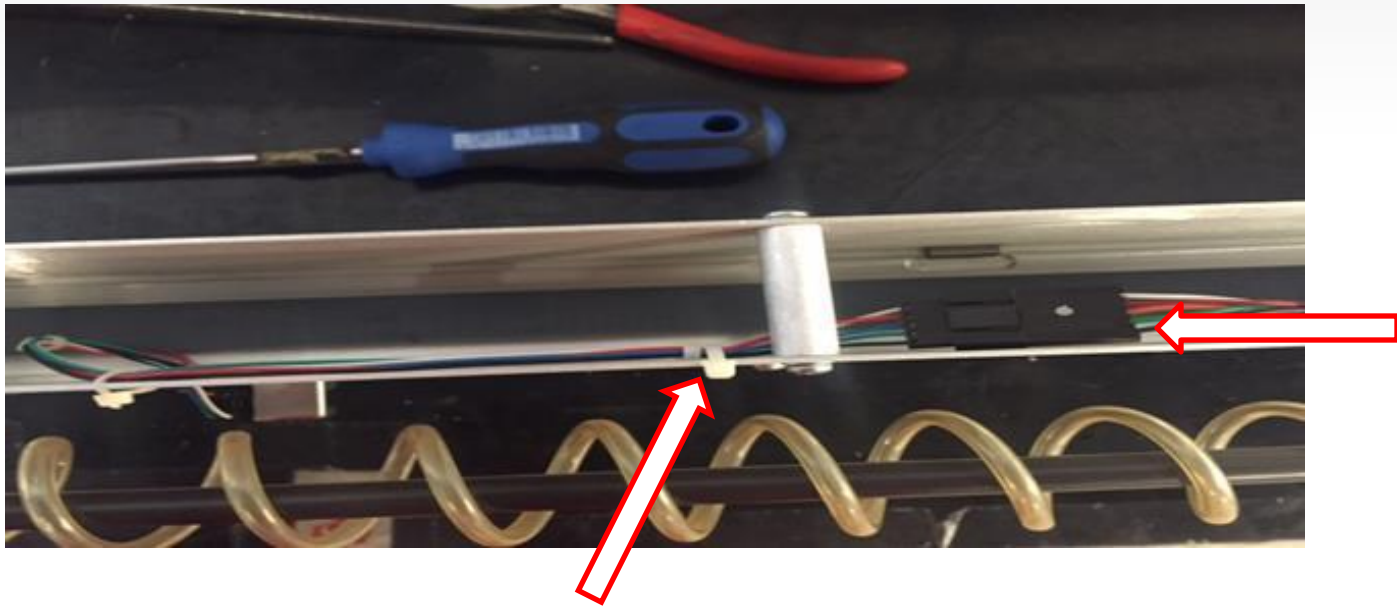
Left Sensor



Right Sensor

# Locate and Remove Sensors on X-Axis

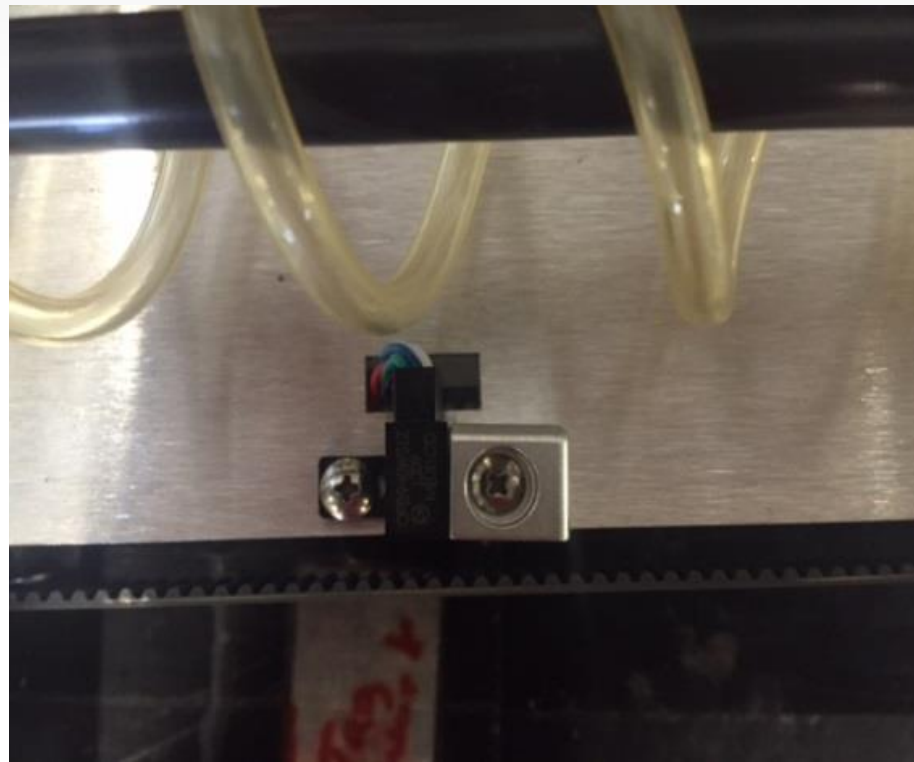
Flip the X Axis. Cut the zip tie that holds the harness in place. Then Disconnect the black connector.



The right sensor will have an additional white clip that you will need to unscrew.

# Locate and Remove Sensors on X-Axis

Now you can pull the Sensor out from the top through the opening.



# Install New Sensor

Reverse these steps to install the new sensors.

Be sure to put the X Axis cover back on before running the machine more. For further questions contact Epilog Tech Support.

EPILOG LASER

Phone 303-215-9171

[tech@epiloglaser.com](mailto:tech@epiloglaser.com)

[www.epiloglaser.com](http://www.epiloglaser.com)