

Installing the Keypad Assembly

For the Epilog Fusion and Fusion M2 Laser Engraver

Revision Click or tap to enter a date.

Overview

This Document is designed to guide you through replacing the Keypad Assembly on your Epilog Fusion or Fusion M2 Engraver.

Requirements:

Tools:

- Allen Key - 5/32"
- Allen Key – 7/64"

Parts:

- Replacement Keypad – HT0932-TS

Before We Begin

In order to have the best experience possible, collect the tools listed above and be sure that you have all of the parts that you need before starting this procedure. If you run into any problems or have questions, please contact Epilog Tech Support at [303-215-9171](tel:303-215-9171) or Tech@EpilogLaser.com. For the fastest service, please have your serial number available.

Safety

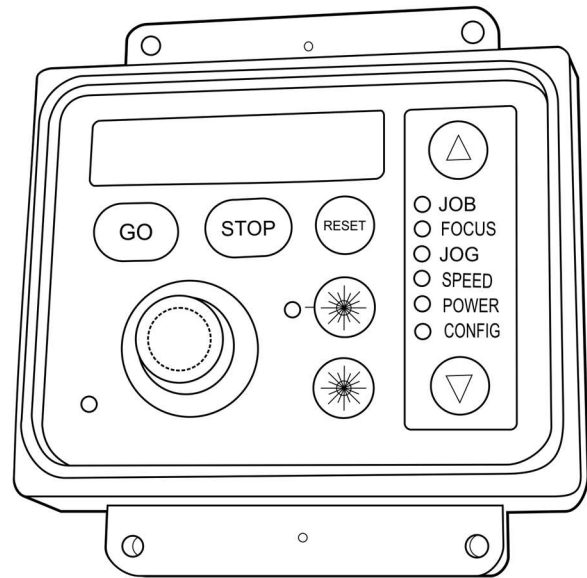
When working on or maintaining a Laser engraver, it is likely that the sides of the machine will be removed. Be sure that when doing maintenance in this way, that everyone in the room has eye protection on. Standard Polycarbonate Safety glasses or even glass spectacles will protect your eyes from the CO2 laser.

Energized electronics can spark, shock or force motors can suddenly move. When working

on electronics or near mechanical parts, be sure that the machine is powered off.

Verify Correct Parts

Locate the sticker on the new belt's packing and take note of the part number.



Keypad Assembly

Verify that the correct part has been received using the following table.

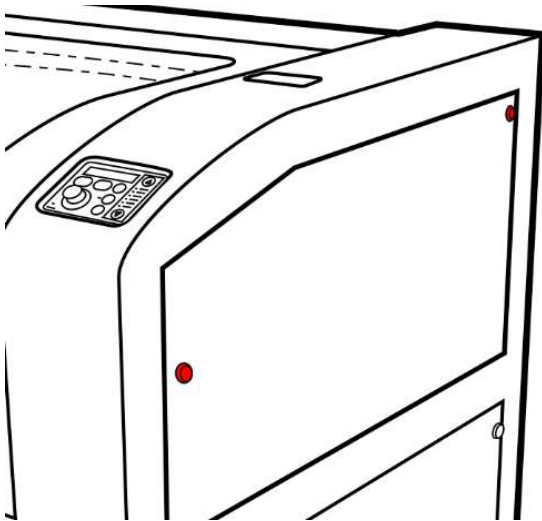
Keypad Assembly	
Fusion and Fusion M2	HT1211

If the part number is not correct, Please contact Tech Support at 303-215-9171.

Remove Old Part:

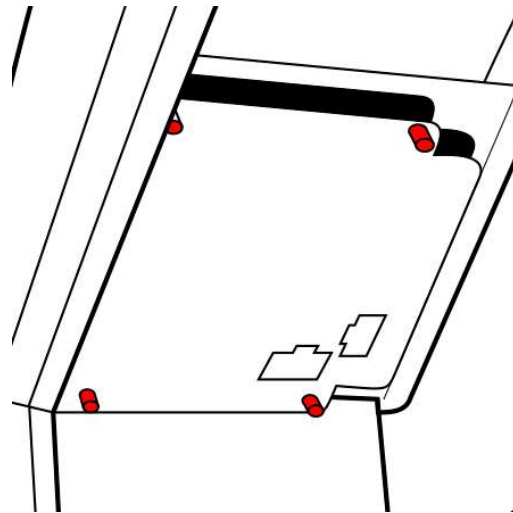
Remove Right Panel

Locate the Cam Locks on the upper right hand panel. Using a 5/32" Allen wrench, turn the lock counter clockwise to release the door panel and remove it.



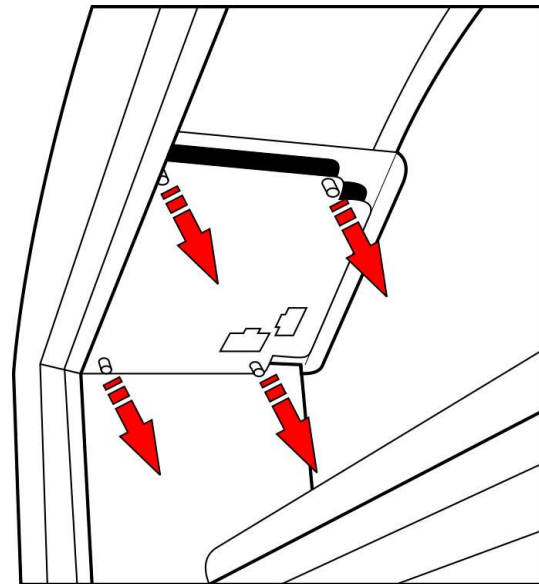
Remove Screws

Once the wire harness has been removed locate and remove the four Allen Screws near the corners of the back of the keypad.



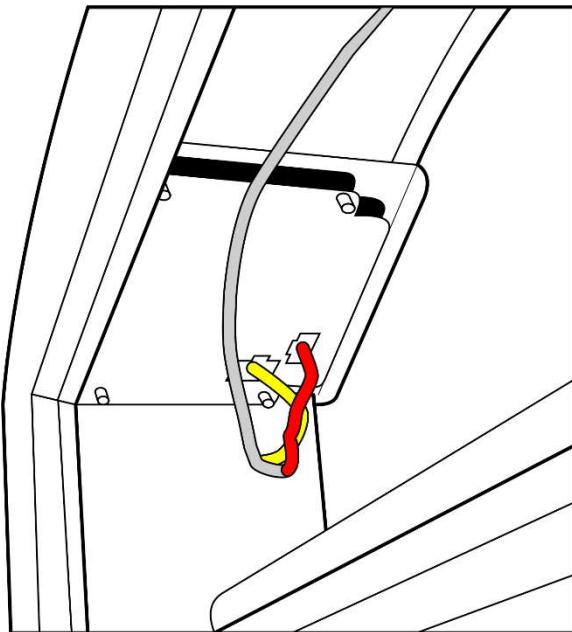
Remove Keypad

You should now be able to remove the old keypad assembly.



Disconnect Wire Harness

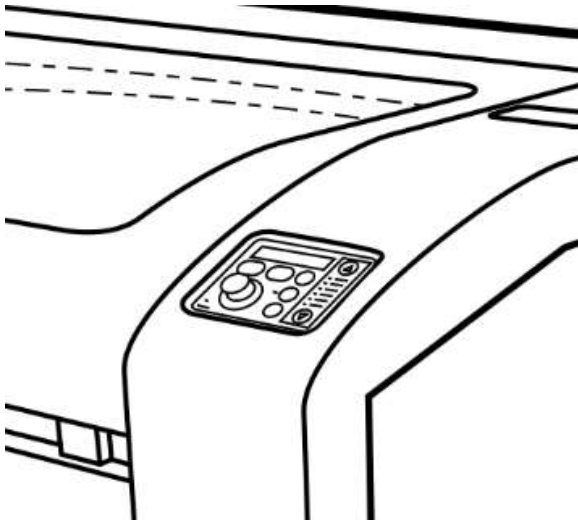
From beneath, locate and disconnect the wire harnesses from the back side of the key pad.



Install New Keypad

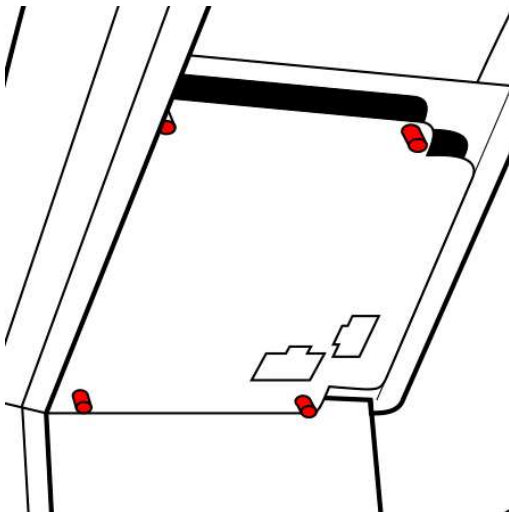
Place New Keypad

Position the new assembly into the cutout on the engraver so that it is positioned the way that the old Keypad module was.

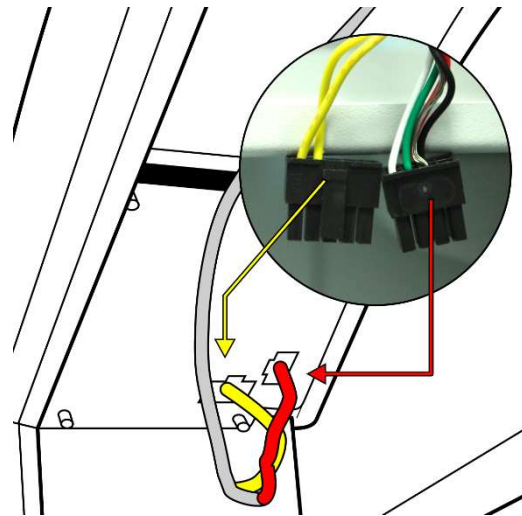


Fasten With Screws

Fasten the new keypad with the four Allen Screws which held the old keypad in place.



Reconnect Wire Harness



Horizontal Connector

The lower connector accepts the wire harness leg that has mostly Yellow wires attached.

Vertical Connector

The upper connector accepts the harness that has five (5) wires (Red, Black, Green, White, and Silver).

Power On and Update

Power on the engraver and follow the instructions on the display. Sometimes the firmware in other parts of the engraver will need to synchronize and update to the new part. Do not power off the engraver until the display on the keypad instructs you to, or the display reads "Job".

Complete