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WIRE MANAGEMENT
and
Air Assist
LINE CLIPS
Installation Guide

Step - 1

Test Your Unit

1- Create a small square in XCS or LightBurn

2- 'Frame' the square to be sure your machine is not sounding any alarms and running correctly.
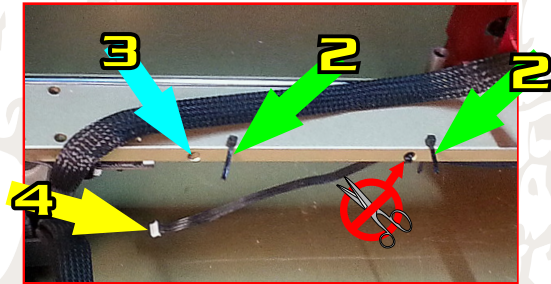
It is always a good idea to test your machine *before doing any work or maintenance!* It may help save time looking in the wrong place for an issue that existed before.

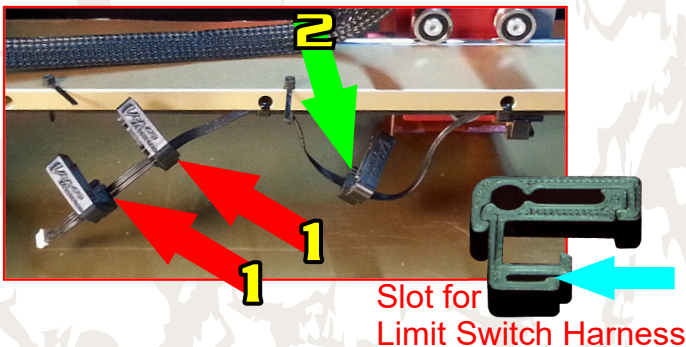**All steps are the same for Pro and NonPro except NonPro doesn't have a limit switch harness**

Step - 2

1- Turn your laser **OFF**

2- Carefully Cut Wire Ties Off Wire Harness

3- Cut the End Wire Tie Off Limit Switch Harness

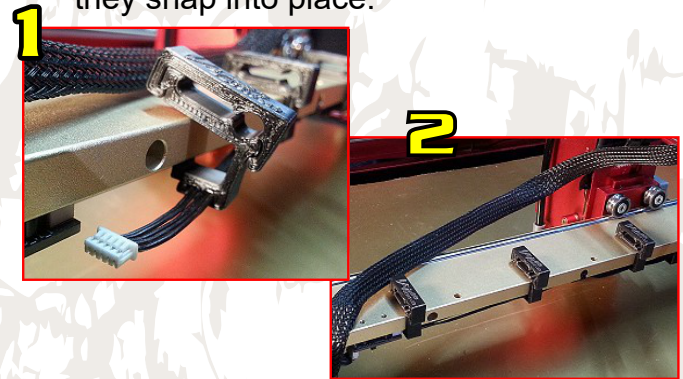**4-** Unplug Limit Switch Harness

Step - 3

1- Slide 2 large clips on the loose end of the limit switch harness.

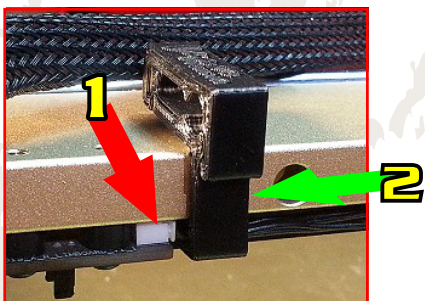**2-** Slide 1 large clip on the limit switch cable between wire ties.

Slot for Limit Switch Harness

Step - 4

1- Hook the Bottom of each Clip on to the top rail.

2- Push each Clip on to the top rail until they snap into place.

Step - 5

1- Plug the Limit Switch Harness Back In.

2- Slide the End Clip over against the Limit Switch Plug-In to hold it in place.

Step - 6

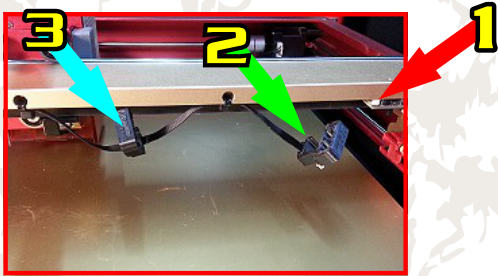**1-** Place the wire harness into the oval slots in the clips and close all of the clips.

2- Move the laser head back and forth **By Hand** to be sure there is enough slack in the cable.
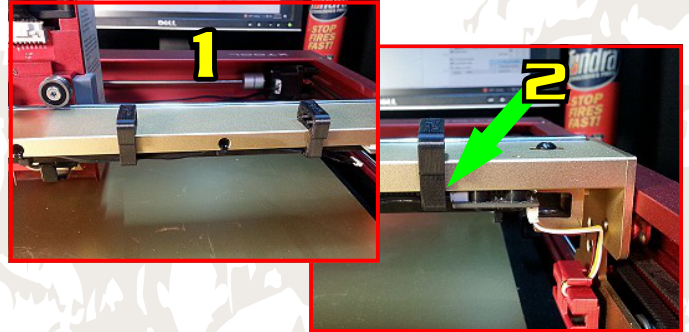
Step - 7

The 2 Small Clips are Not Needed on NonPro Models

1- Unplug the limit switch harness on the far end.

2- Slide 1 small clip on the loose end of the limit switch harness.

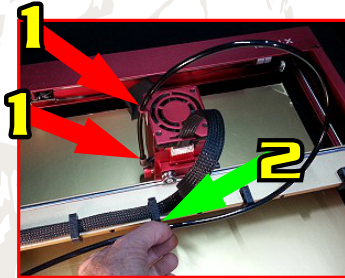**3-** Slide 1 small clip on the limit switch harness in between the last 2 wire ties.

Step - 8

1- Push both clips on to the rail until they snap into place.

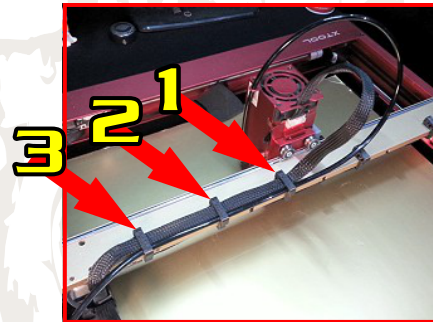**2-** Slide the End Clip over against the Limit Switch Plug-In to hold it in place.

Step - 9

1- Put air hose through hole at top of head and connect it to your air assist nozzle.

2- Hold the air hose next to the center clip.

3- Move the laser head back and forth **By Hand** to be sure there is enough slack in the air hose.

Step - 10

1- Open each clip one at a time to insert the air hose then close the clip to secure it.

Step - 11

1- Turn Power Back On and Test Your Unit

Enjoy Your New Clips!

Feel free to contact me
if you have any questions
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