

SeeMeCNC Guides

SE300 Whip Fix (for whips before 7-10-2018)

This guide will help you take the strain off your two position phoenix connector on the SE300 hotend (on whips before the 7-10-2018 revision).

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 **TOOLS:**

- Zip Tie (1)
 - Small snips (for zip ties, if necessary) (1)
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Step 1 — READ THIS FIRST

Introduction - Read Me First!

This document is your instruction manual for your new SeeMeCNC® 3D printer machine. Before using your new 3D printer, thoroughly read and understand this manual for safe and effective operation of the machine.

Warning

Personal property damage, serious injury, or death can result from not following instructions or warnings in the manual or misuse of the machine.

Automatic machine can start unexpectedly. Pay close attention and keep clear while power is connected to the machine.

Adult supervision required. Children under 18 years of age require supervision.



The machine power supply is connected to AC voltage and can be hazardous. Disconnect power before servicing this machine.



The hot end of the machine can reach very high temperatures of 700F and cause serious burns. The heated print surface (heated bed) can also reach temperatures high enough to cause severe burns. Allow both to cool for 20 minutes after turning off power.



Use caution near moving parts of the machine. Keep body and loose articles clear.



Risk of Fire. Do not leave machine unattended.

Use genuine parts manufactured or designated by SeeMeCNC.

Poisonous gas, smoke, or fumes could be omitted by some materials you could use with the machine. In such case, you should install ventilation.



Choking Hazard. This machine contains small parts and can produce small parts which can be a choking hazard to children.

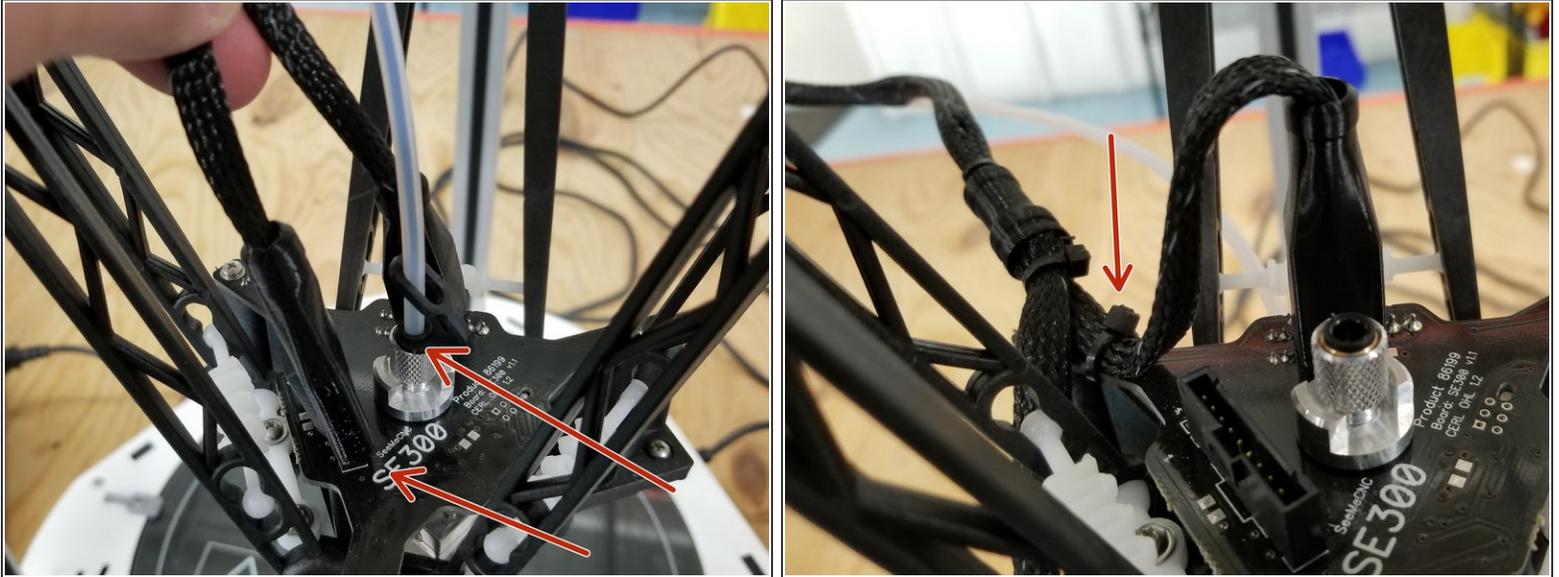
Keep a copy of this manual near the machine easily accessible to all operators.

Use of this machine is at your own risk.

Visit www.seemecnc.com to contact us if you have any questions.

-  [First, click here to read safety information](#) . This safety information may be updated at anytime so occasionally check for updates.
-  **NOTE:** This guide is intended to be followed online in order to fully utilize the links and documentation found within.

Step 2



- This is a lot easier to do if you unplug the 10-pin SL connector from the front of the hotend, and remove your PTFE tube from the PTC fitting. Both are indicated by the red arrows in the picture.
- Carefully pull the power/thermistor splitoff down towards the arm of the hotend board and zip tie in place as indicated in the photo.

⚠ Make sure your cables are still plugged in properly under the flexible boot. If the bend is too tight, you might need to carefully snip a little of the boot off to give yourself some more room to bend the wires in place.

Step 3



- It's recommended to pull the PTFE tube back and exit it from the mesh loom further up the whip after performing this change.
- You will also need to pull more of the whip out of the exit location on the machine.
 - On the **RostockMAX V3.2** carefully pulling the whip a few extra inches through the black housing will work just fine.
 - On the **Artemis** you may not need to pull extra whip length out. If you do, you can rotate your extruder assembly up and carefully pull some extra whip length out of the tower. Don't force it. If it's not coming out with a decent gentle tug, leave it and [contact us](#) to get a replacement whip of the current revision.

Step 4



- You're done! You now have no more strain on your two pin phoenix connector!