

SeeMeCNC Guides

Clearing a Jam in the SE300 Hotend

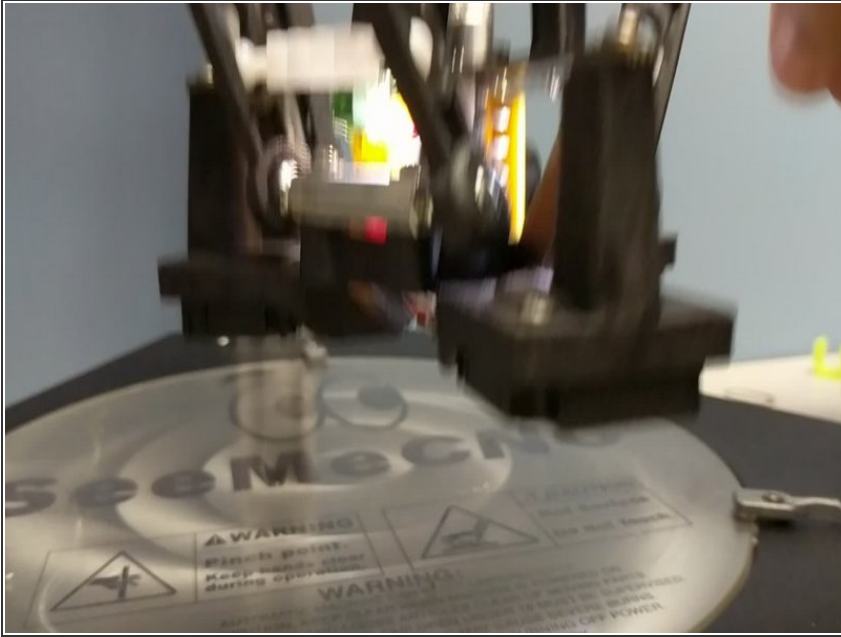
If you are experiencing a jam in the SE300 hot end, this guide will walk you through the steps of getting it cleared out so you can get back to printing.

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INTRODUCTION

Lets face it, sometimes jams just happen. It could be bad filament, bad slice settings, etc. If you are experiencing a jam in the SE300 hot end, this guide will walk you through the steps of getting it cleared out so you can get back to printing.

Step 1 — Performing a Cold Pull



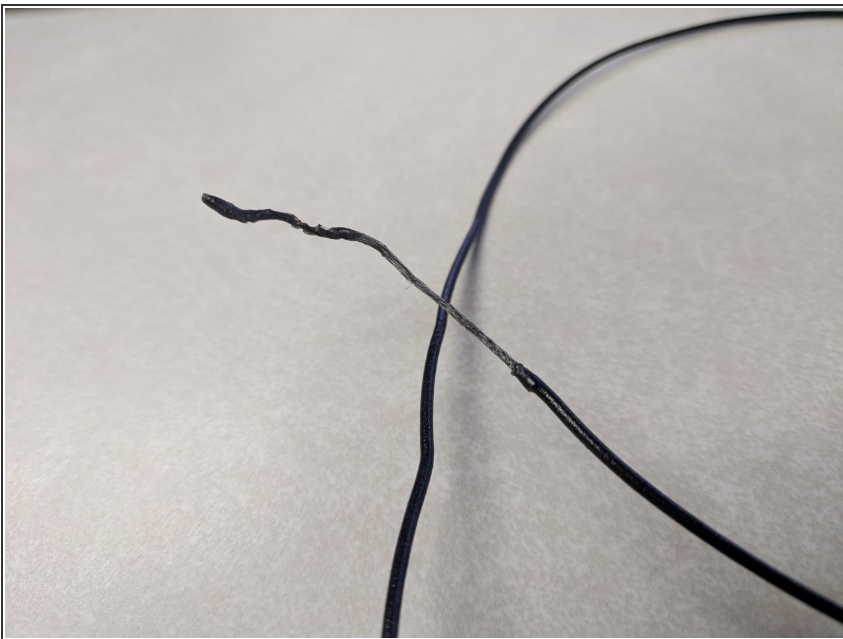
- Heat the hot end to printing temperature for the type of material that you are using (EX: PLA 210) and remove the filament from the bowden tube.
- Remove the bowden tube from the top of the hot end. This is done by removing the black lanyard clip, pressing down on the black ring (top of hot end), and pulling straight up on the bowden tube.
- Heat the hot end up to the printing temperature (if not already) for the type of material that you are using (EX: PLA 210).
- Manually try to push filament down through the hot end. Since there is a jam, this may be difficult to get much to extrude.

Step 2 — Performing the Cold Pull



- Turn the hot end off and let the temperature fall. Do not remove the filament yet.
- When the temperature reaches 100C, Pull the filament out of the top of the hot end slowly.

Step 3 — Cold Pull Results



- When you have the filament removed, observe the end that was nearest the nozzle. It should look similar to the photo.
- You may need to repeat this process if you have a really stubborn jam
- Your next step should be loading filament and manually extruding to check for regular extrusion. Then start a print and observe the first several layers for regular extrusion.