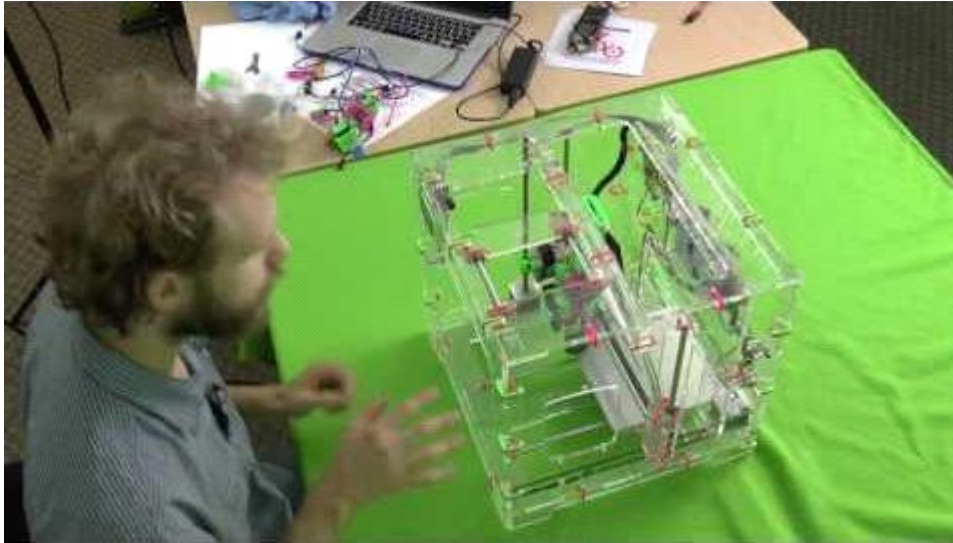


Belt Tension

[JellyBox HowTo: Belt Tension](#)



In this video, we set up the correct belt tension on X and Y axes.

Belt Tension?

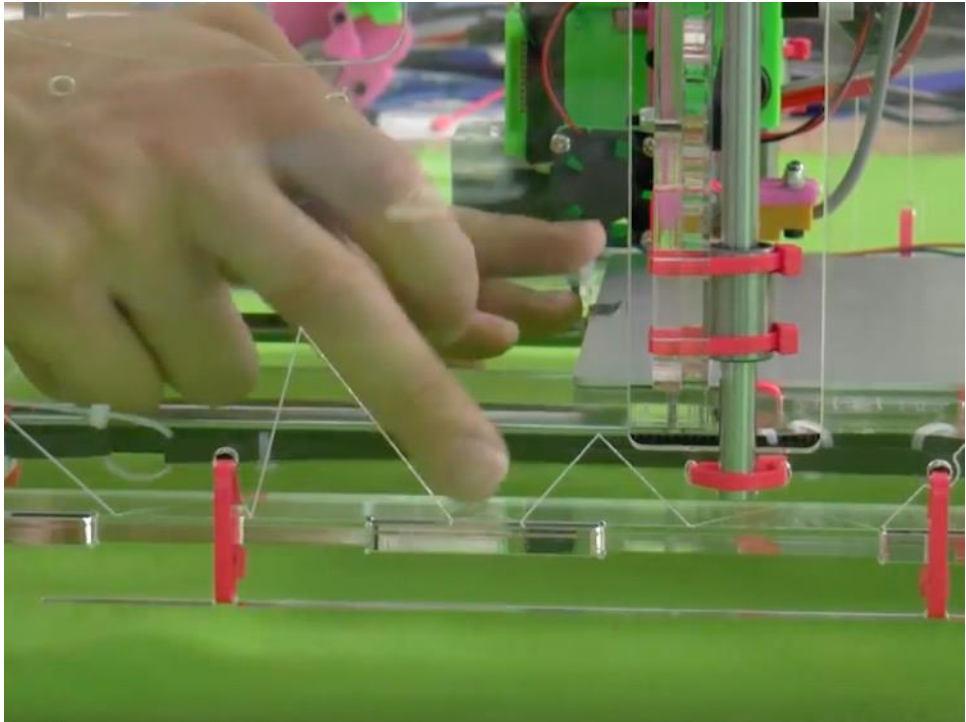
If the belts are too loose, they may skip steps or even slip off idlers. You may also observe more 'ringing' artifacts around sharp corners in your prints .

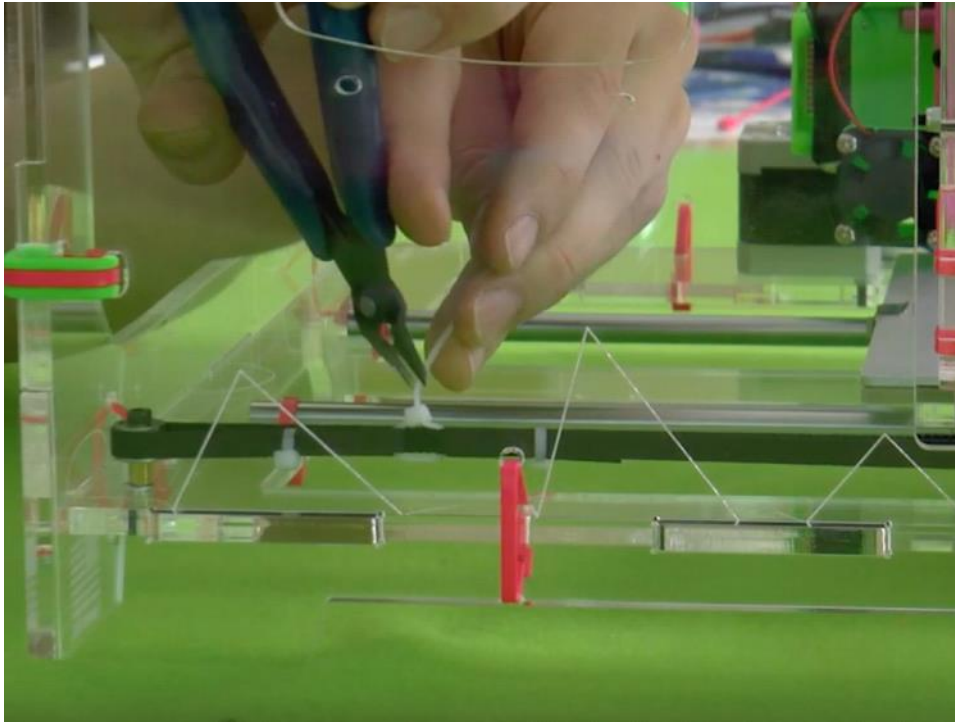
If the belts are too tight, they may make the motors and pulleys and bearings wear out faster. Worst case scenario you could be bending the geometry.

That being said, the belts are forgiving and a wide range of tightness will work.

Rule of thumb: a bit too tight is better than a bit too loose!

Title: Adjust the Y Belt





Try to put the Y assembly in the same position every time when adjusting the belts; this will help keep things consistent.

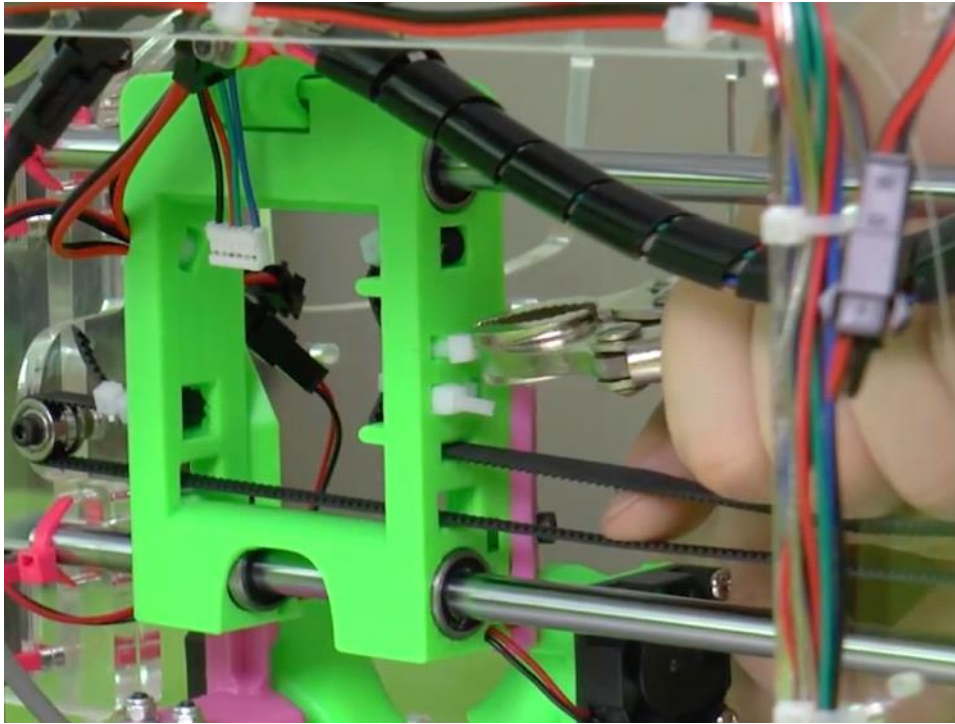
The belt should be tight enough that you can hear a sound when you ping it.

The Y assembly should move smoothly and evenly.

When you're done, you can snip the zip tie with side cutters, but leave enough length on the zip tie so you can grab it with vise grip and tighten it more in the future!

Title: Tighten the X Belt.





Same thing as with the Y belt, but for the X axis.
There are two zip ties; to give you a wider range of tightening.
If you remove the extruder, it will give you easier access to the zip ties.