

How to replace X axis belt for Spirit

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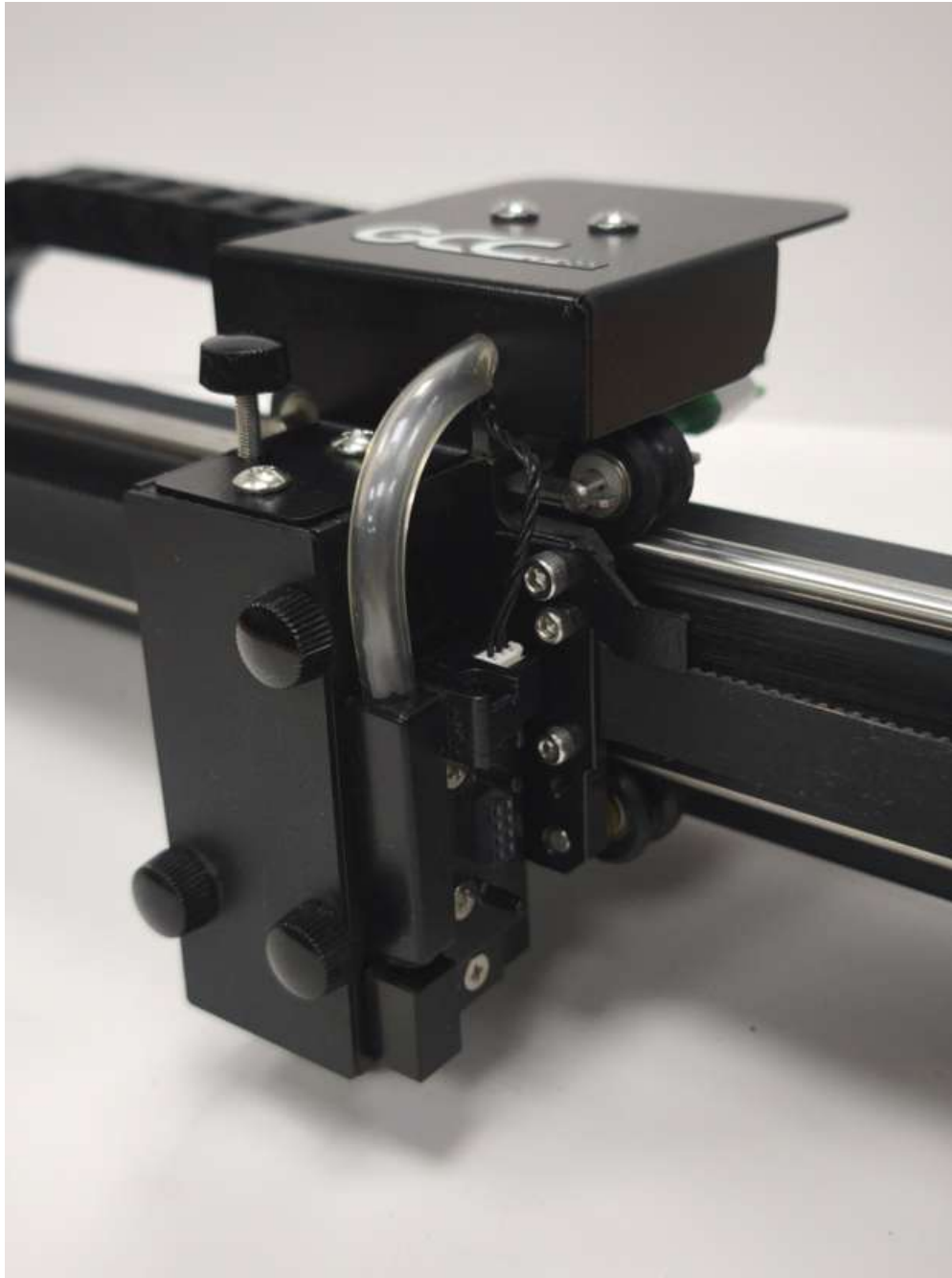
A. Tools required

Description	Qty
Screwdriver (Cross) Regular	1
Tape	1
3mm Allen wrench	1
2.5mm Allen wrench	1

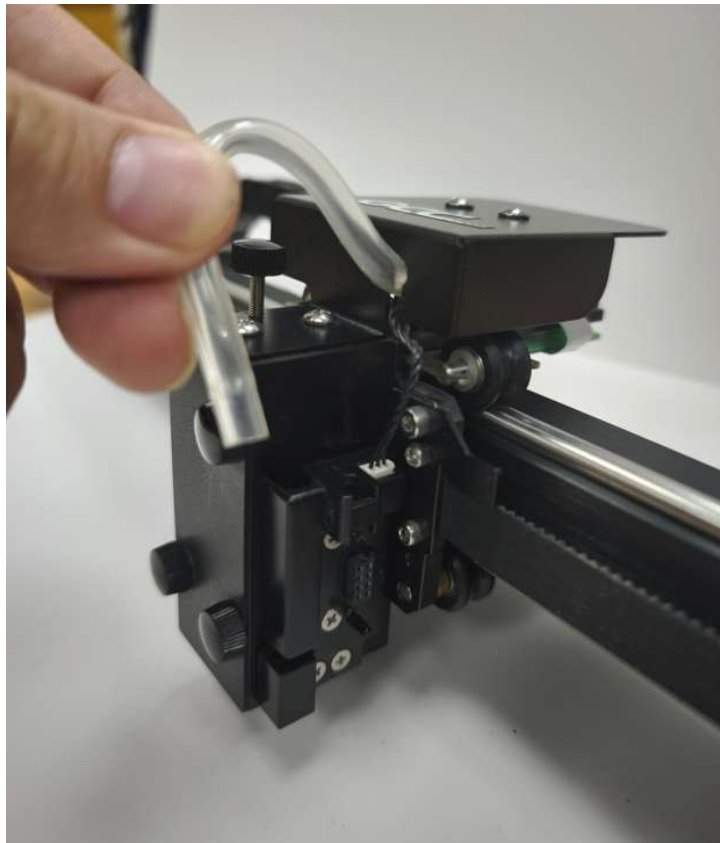
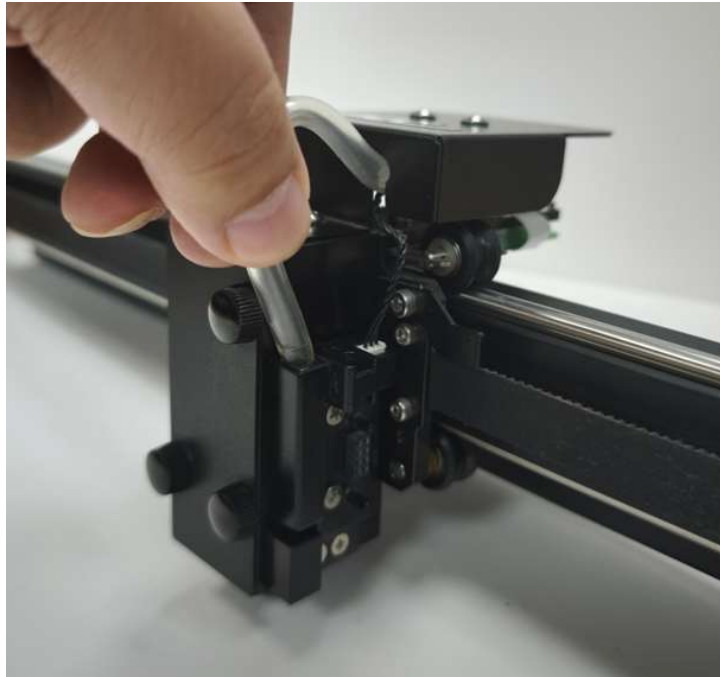


B. Construction Process

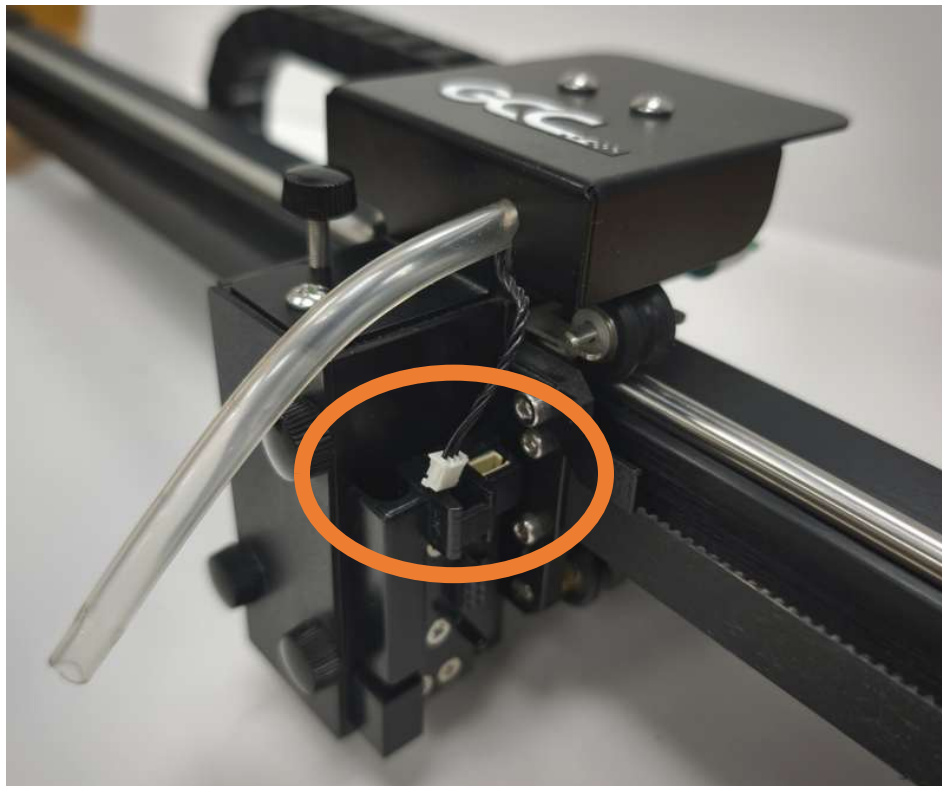
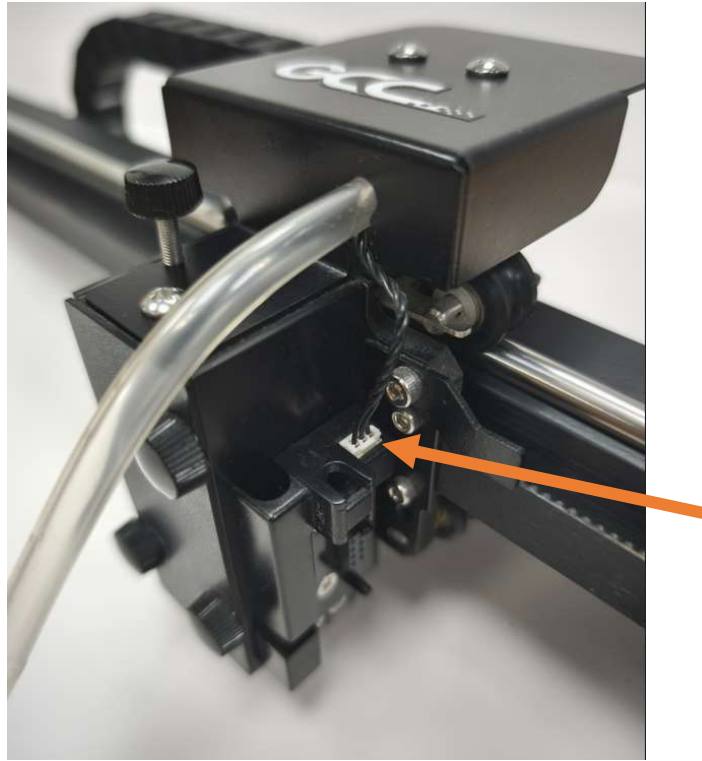
1. Locate “lens carriage” and remove autofocus pin.



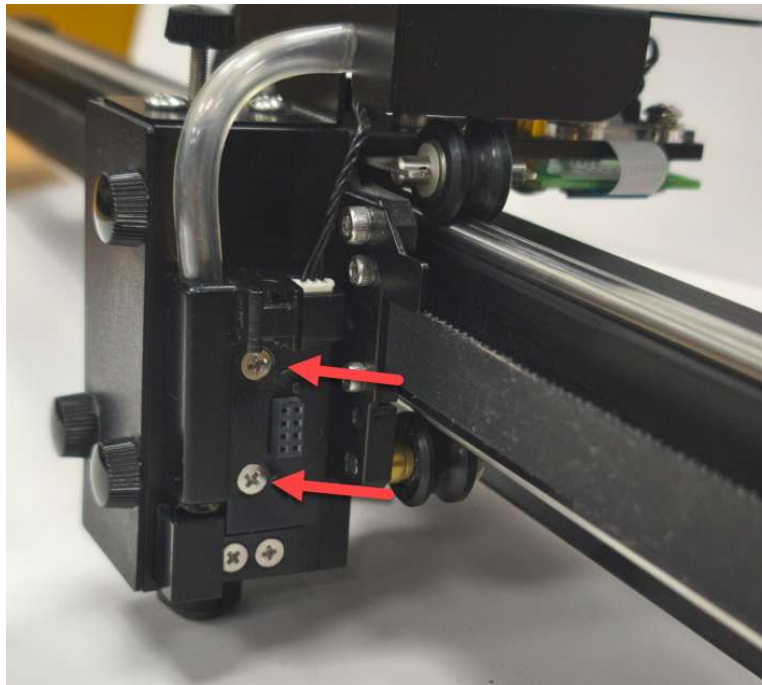
2. Pull out the air pipe (see below pictures)



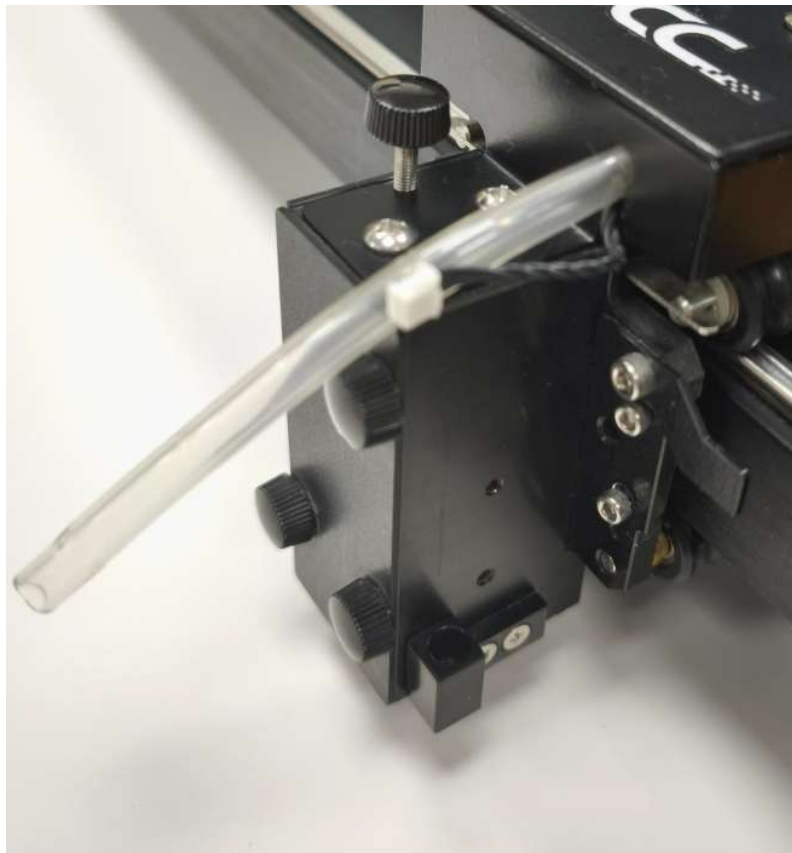
3. Unplug the autofocus pin cable



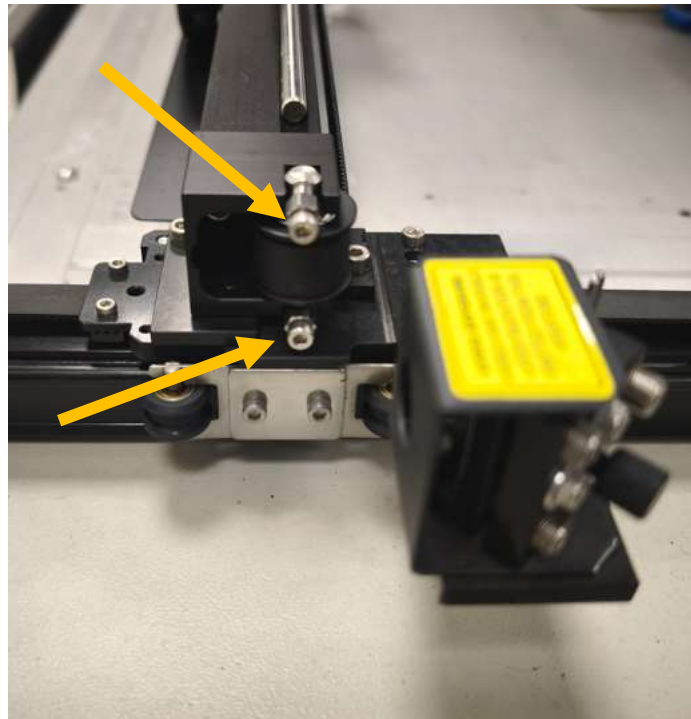
4. Refer to below picture, remove those two screws.



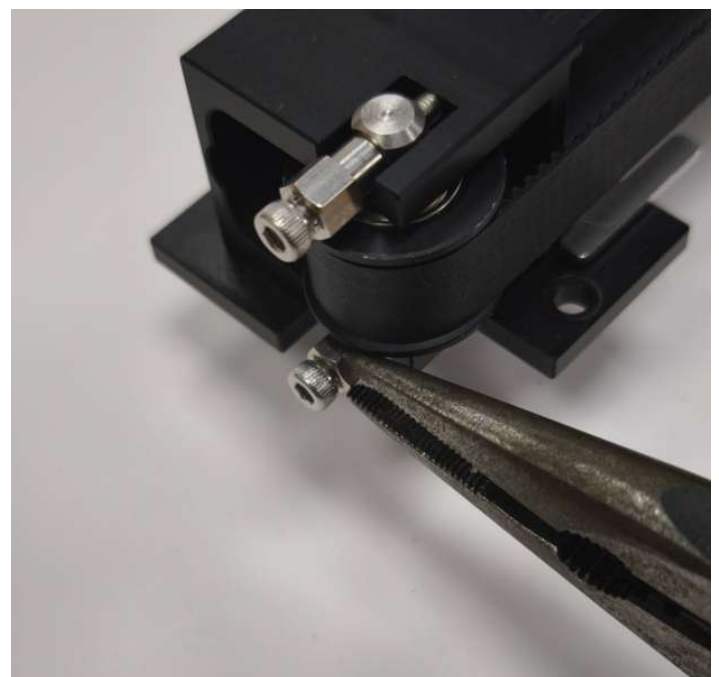
5. Autofocus seat can be removed after those two screws are removed.



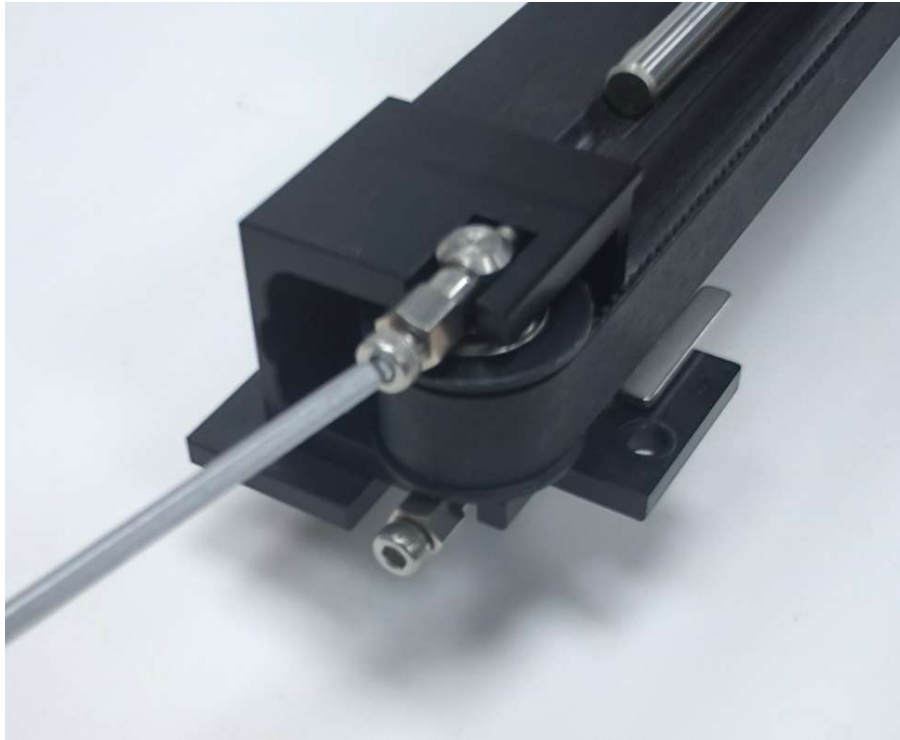
6. Locate the two tension adjustment screws. (Left side of X axis gantry)



7. Loosen the nut of screw.



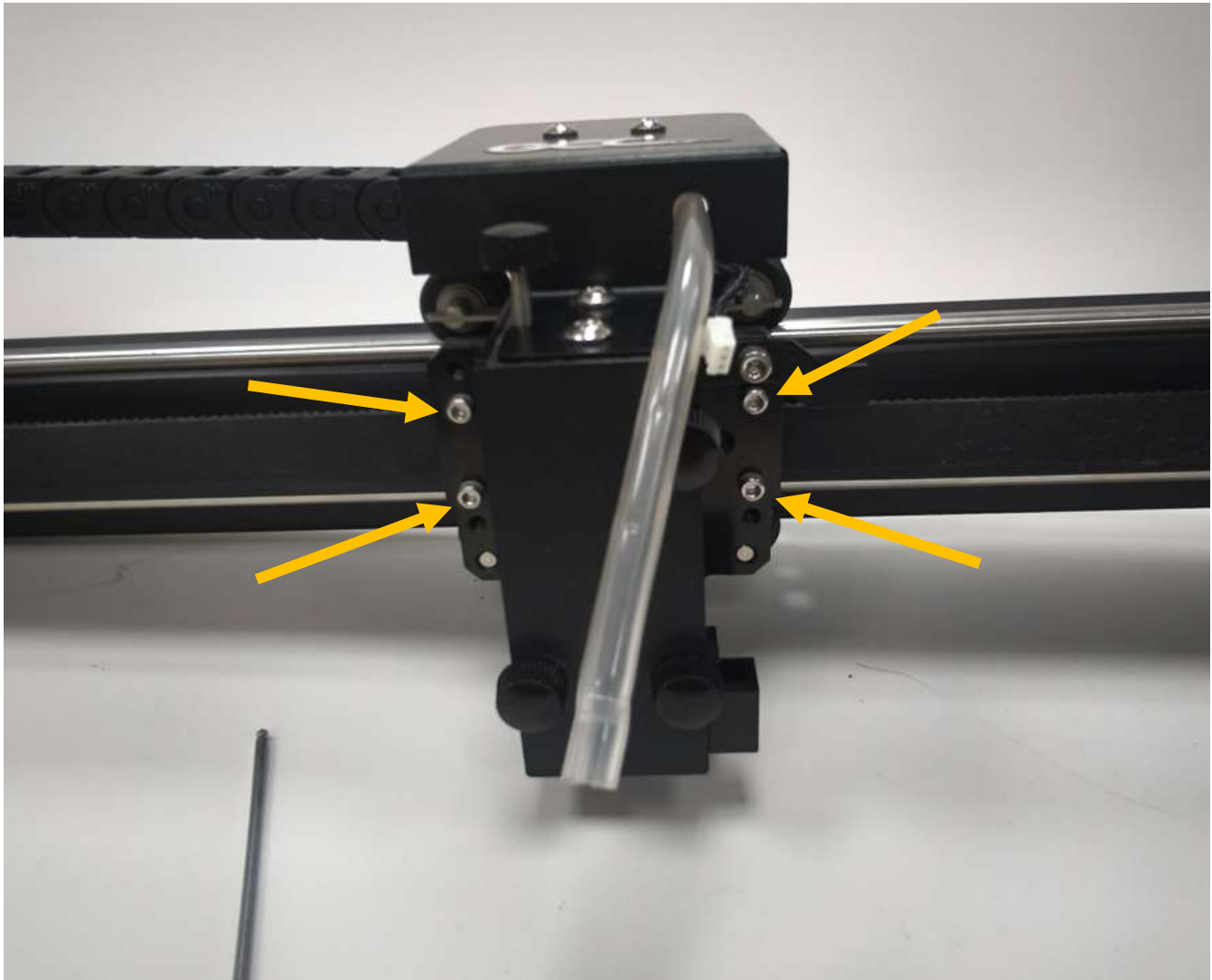
8. Loosen the two tension adjustment screws.



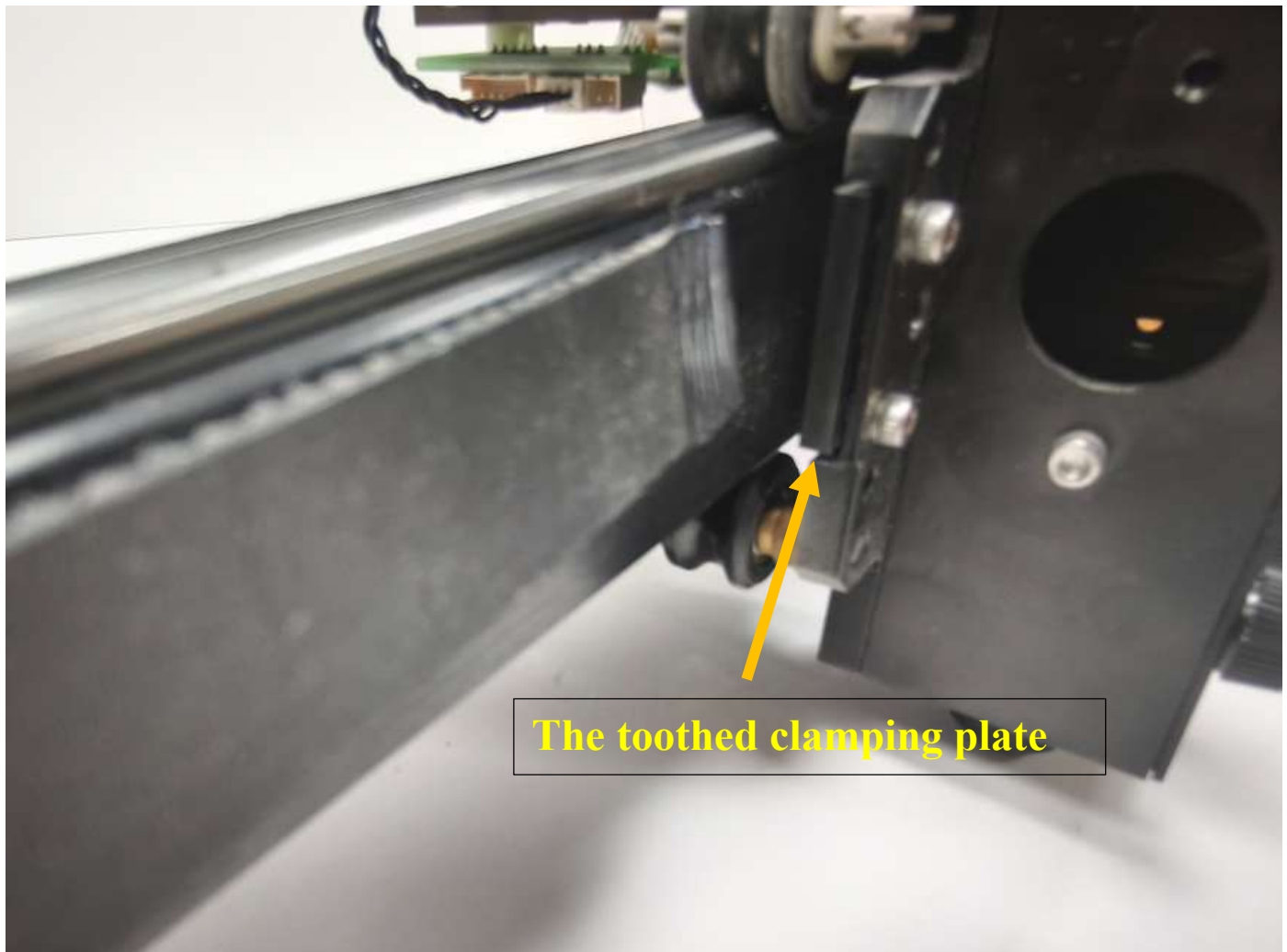
9. Loosen the screws until the belt becomes noticeably loose.



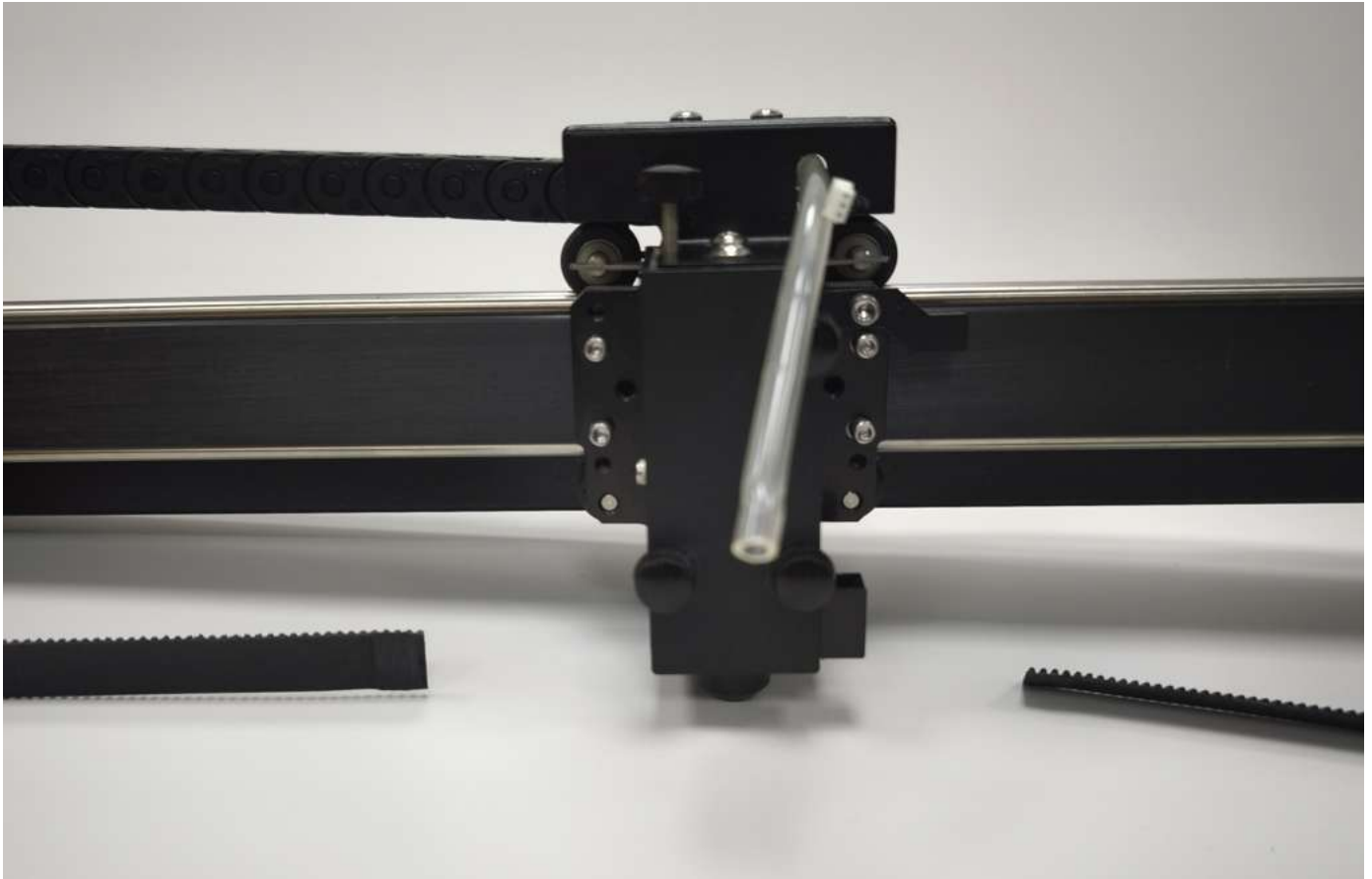
10. Refer to below picture, loosen those four screws which secure the belt. (**Just loosen them , not to remove them**)



11. The belt is held in place by a toothed pressure plate and a screw.



12. Dismantle the belt from carriage.



13. Tape the end of the new belt to the old one to guide it through the mechanism smoothly. Once the two ends are securely joined, slowly pull the old belt out from the other side. This will help pull the new belt along the same path, making installation easier and preventing misalignment.

