

# X/Y Axes Replacement

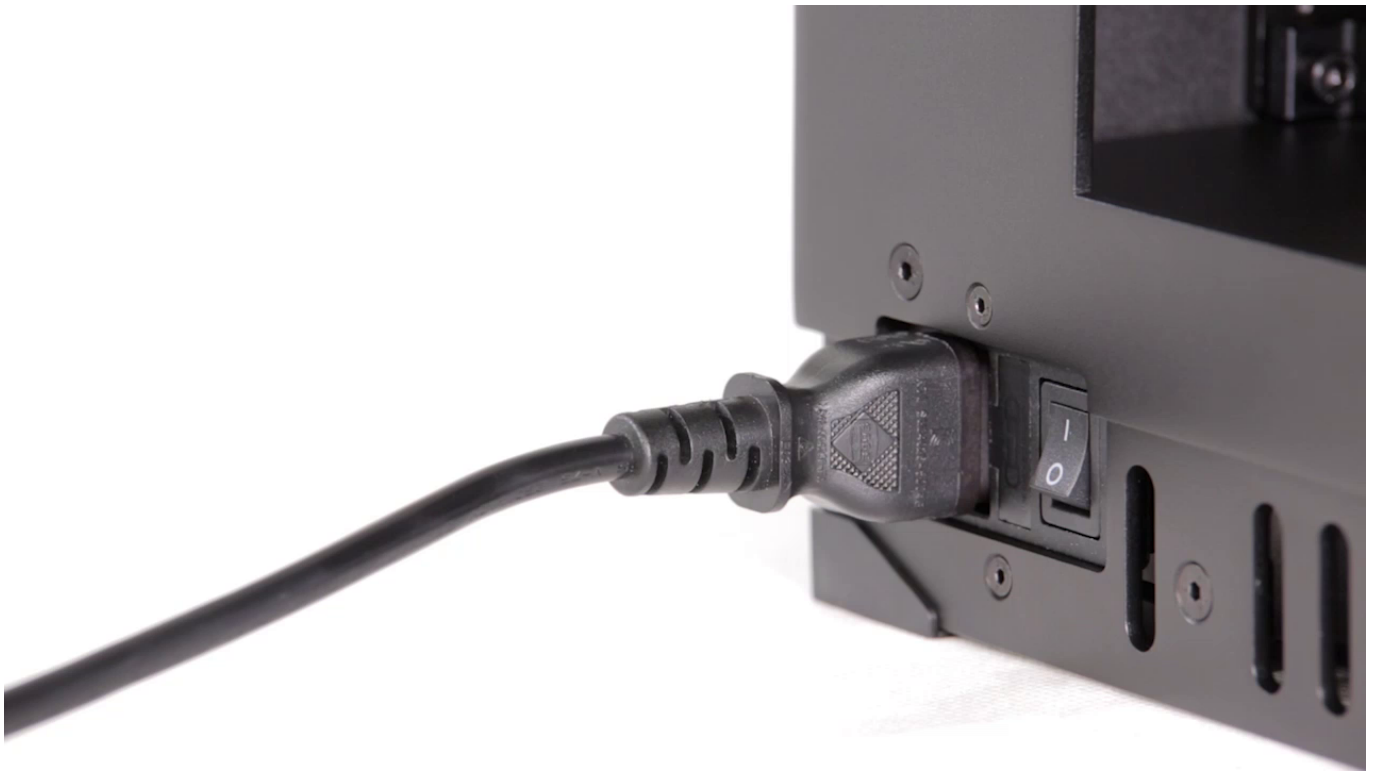
SOURCE:

<https://support.zortrax.com/m200-axes-replacement/>

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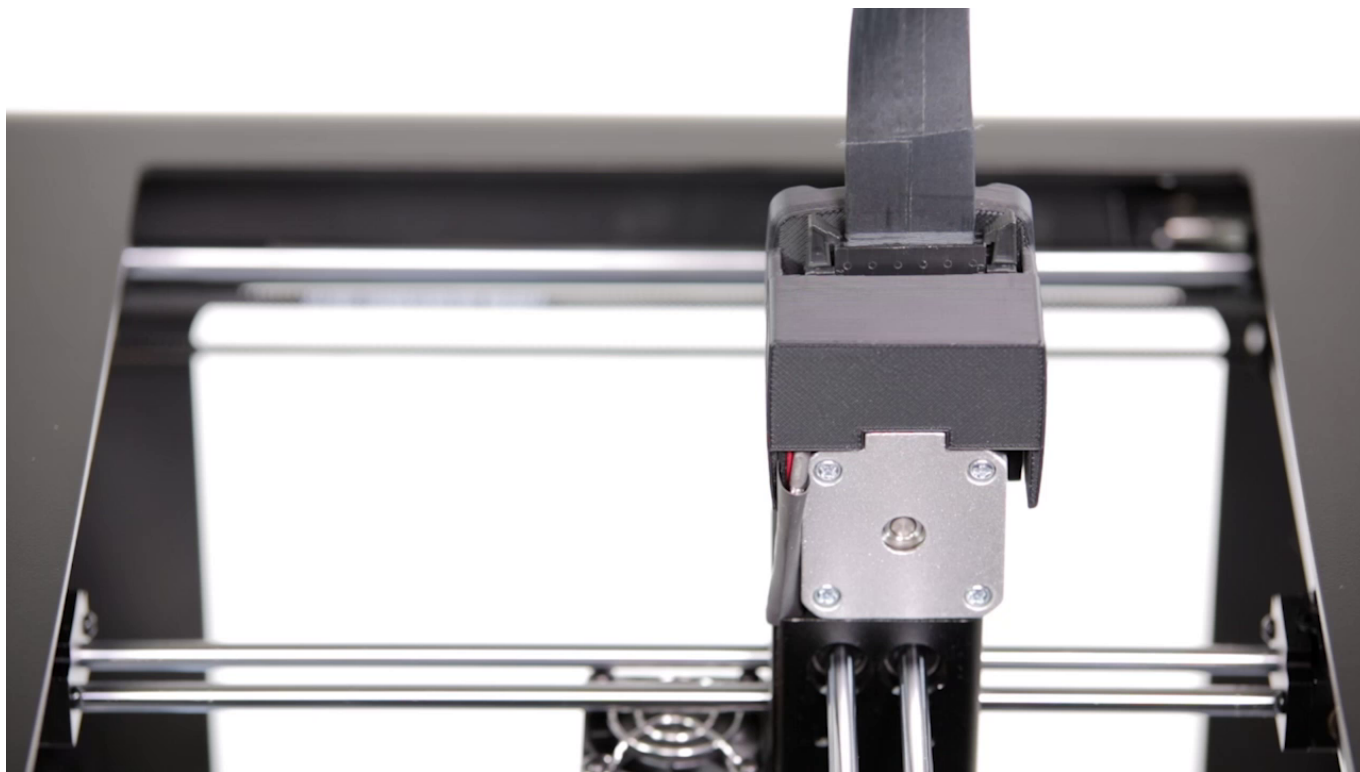
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## Unplugging the Power Cable



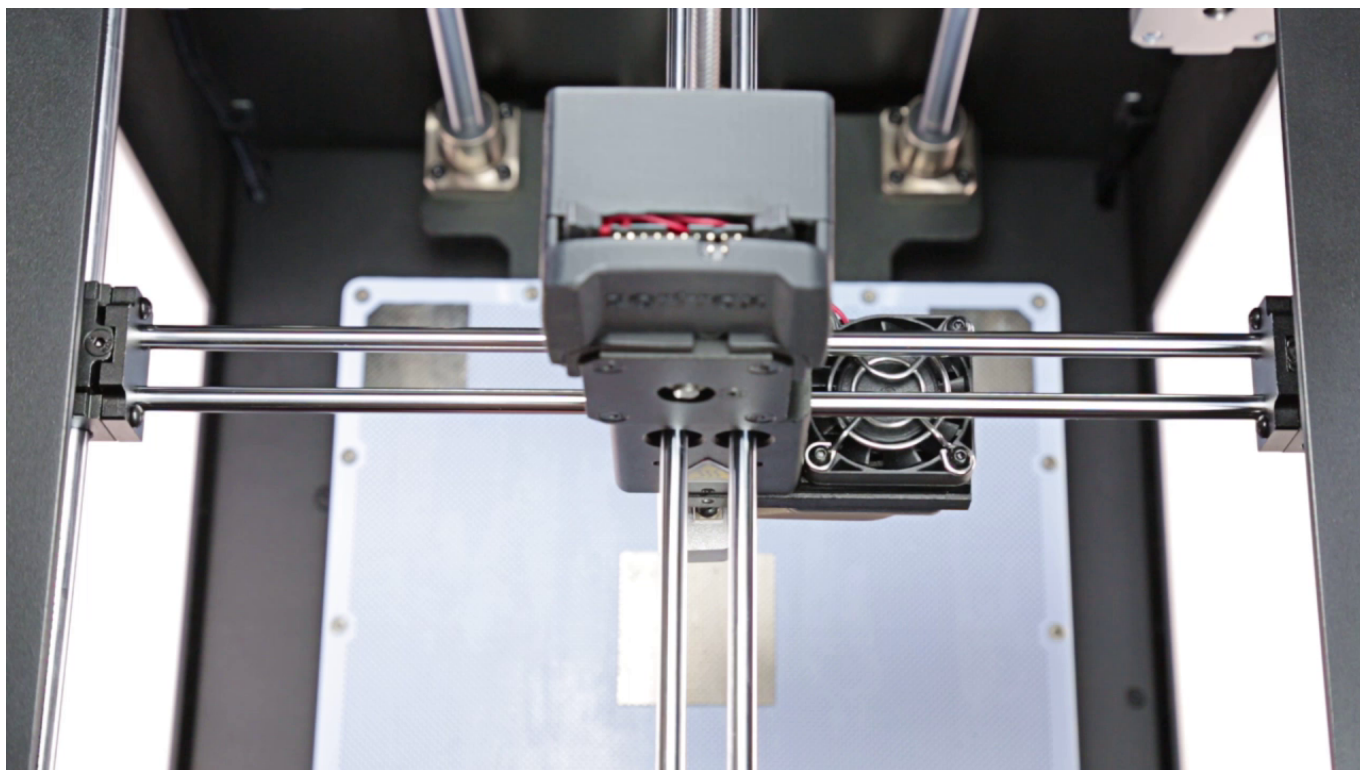
Turn off the printer and unplug the power cable.

## Unplugging the Extruder Cable



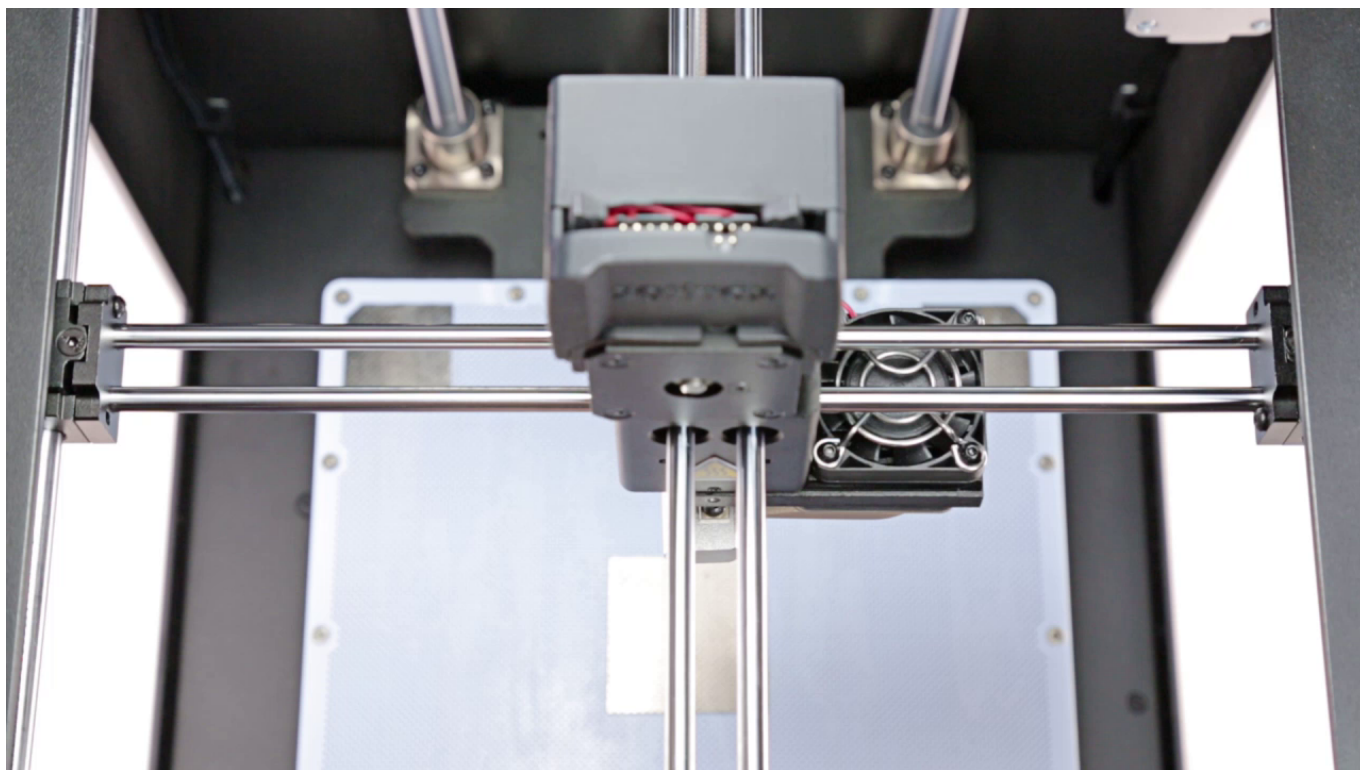
Unplug the extruder cable.

## Unscrewing the Axis Block Covers, part 1



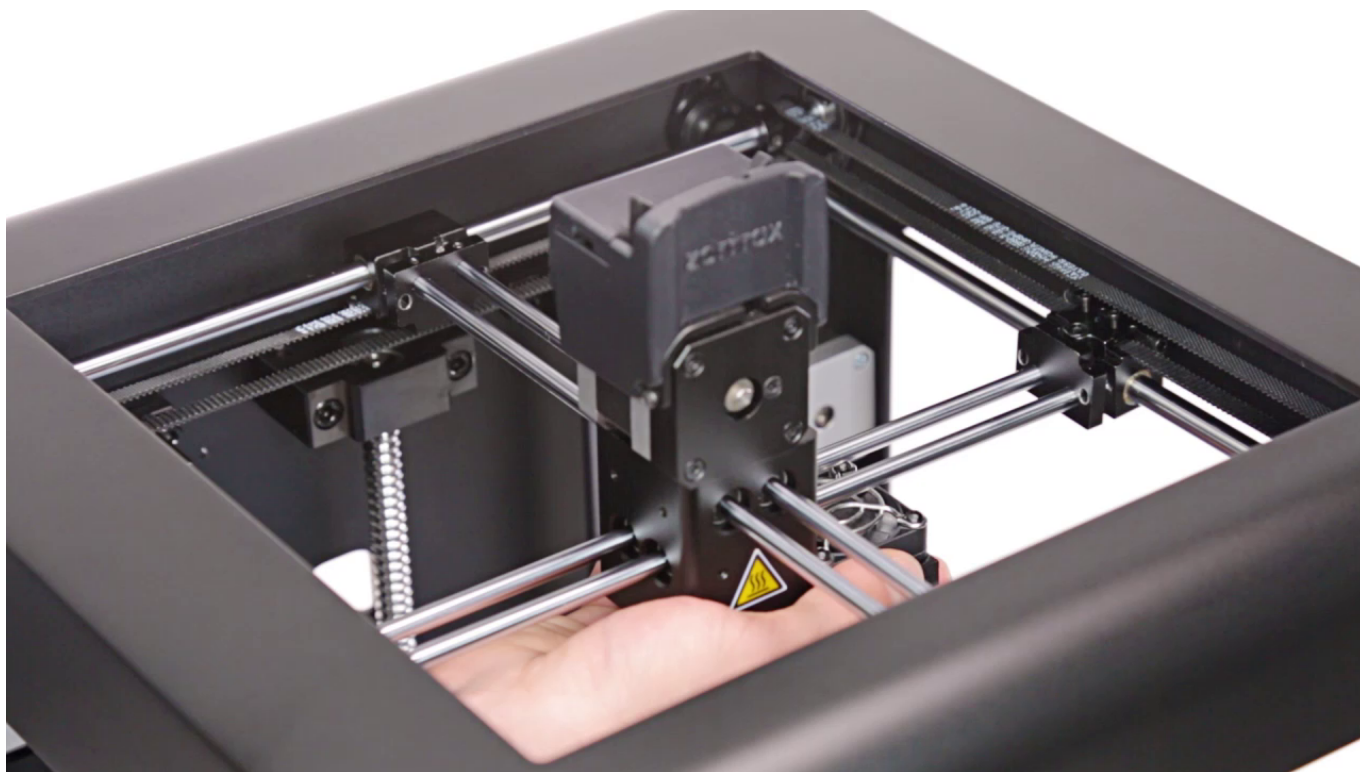
Unscrew one screw that secures the axis block cover on each block.

## Unscrewing the Axis Block Covers, part 2



Unscrew the other screw that secures the axis block cover on each block.

## Extruder Removal



Remove the extruder along with its guide rails.

## Unscrewing the Belt Tensioners



Unscrew the screw that secures the belt tensioner on each axis block and remove the belt from the block.

The Y axis belt tensioners are placed on top of the Y axis blocks, whereas the X axis belt tensioners are placed on the bottom of the X axis blocks.



## Loosening the Screws on the Self-Aligning Bearings



Loosen the screws on the self-aligning bearings on both sides of the X axis.

## Unscrewing the Self-Aligning Bearings



Unscrew the screws that secure the self-aligning bearings. Use a wrench or pliers to hold the nuts of the screws.

## Axis Removal



Remove the belts from the ends of the axis and remove the axis from the printer.

## Axis Assembly



Place the new axis in the printer by putting the belts on it.

## Securing the Self-Aligning Bearings



Secure the self-aligning bearings with the screws.

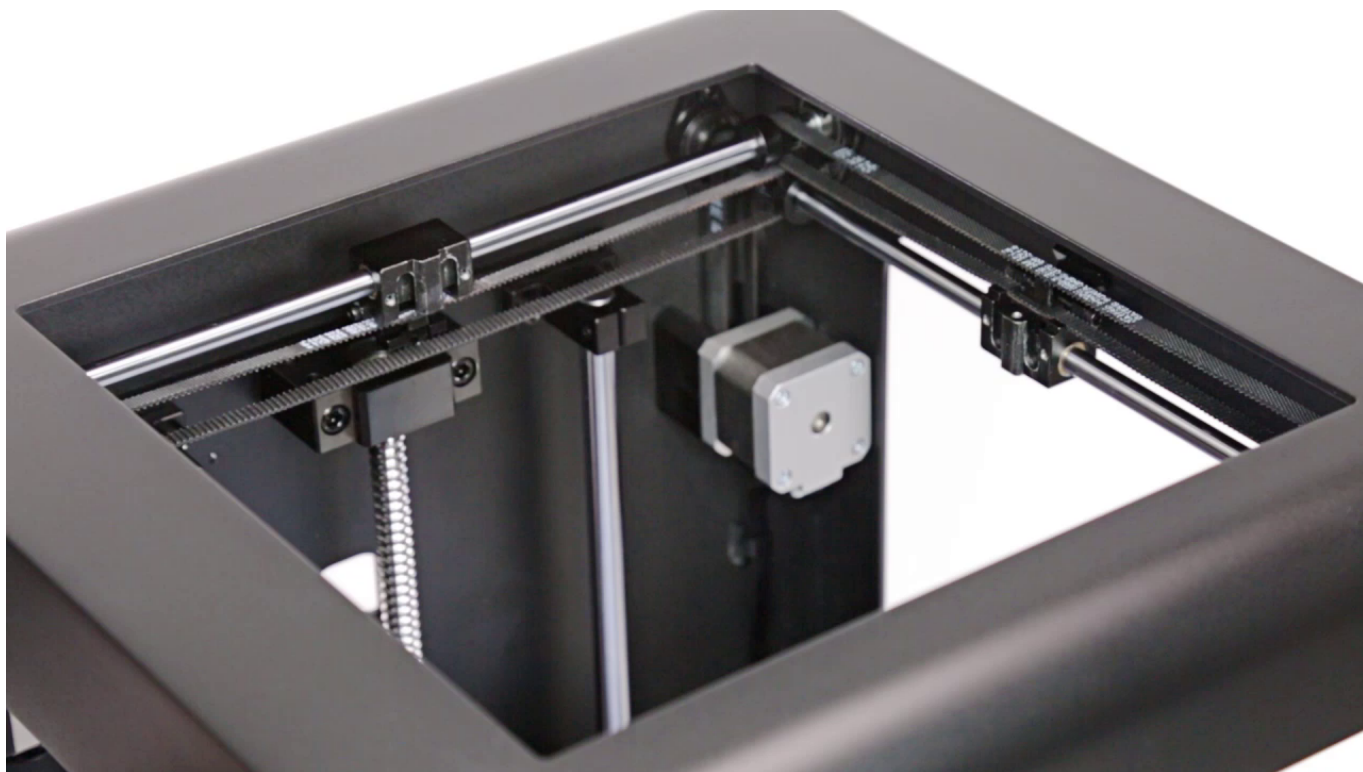
Do not fully tighten the screws yet. They need to be left slightly loose until the assembly of the axis is finished.

## Tightening the Screws on the Self-Aligning Bearings



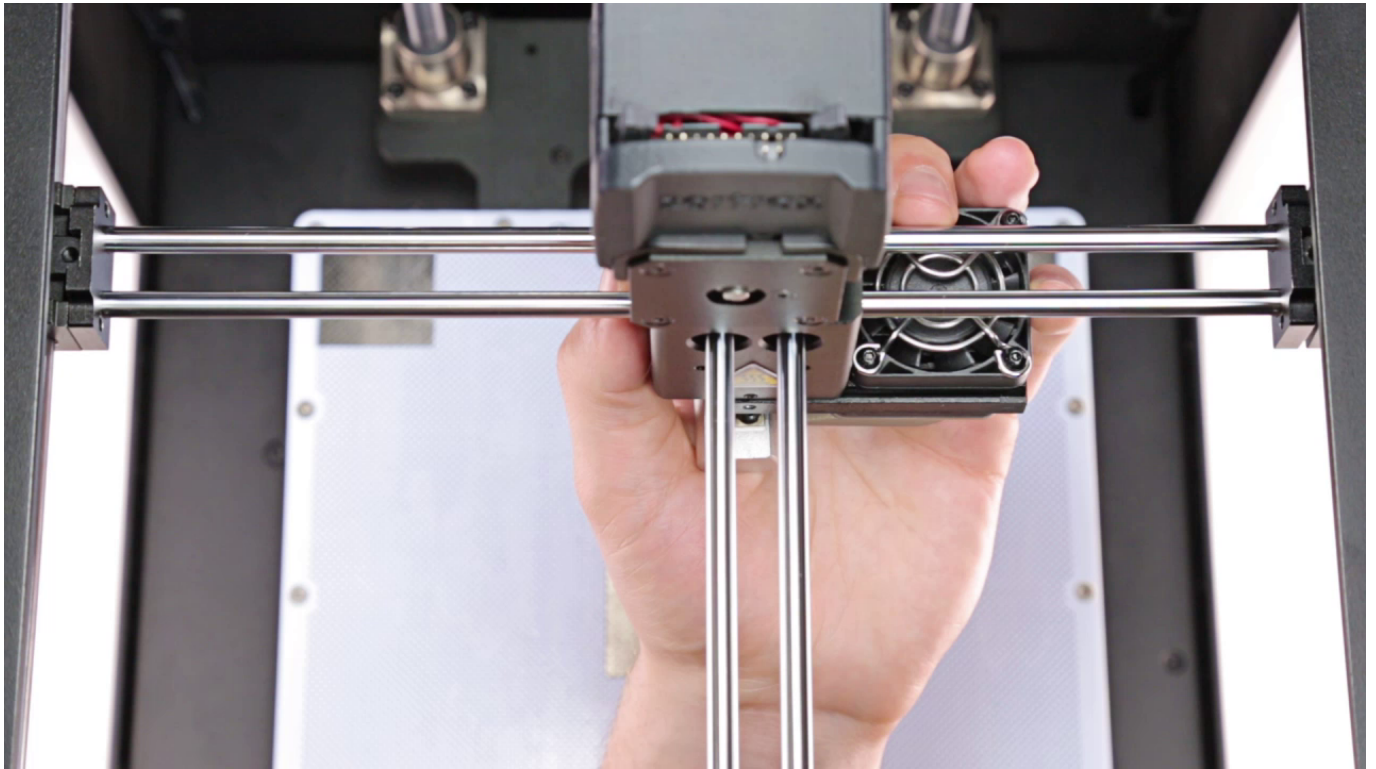
Tighten the screws on the self-aligning bearings on both sides of the X axis.

## Extruder Installation



Install the extruder with its guide rails.

## Securing the Axis Block Covers, part 1

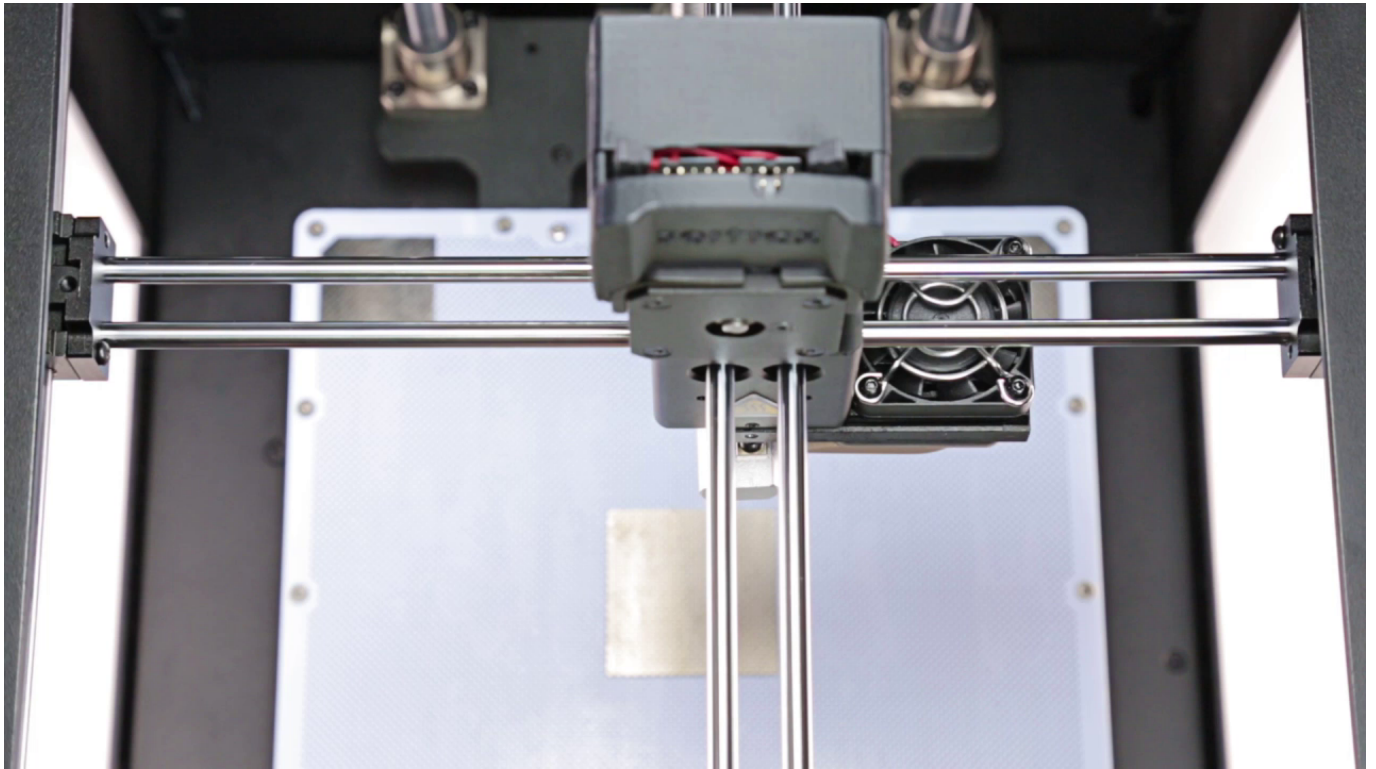


Tighten one screw that secures the axis block cover on each block.

Do not tighten the screws fully yet. They need to be tightened once the axis assembly is finished.



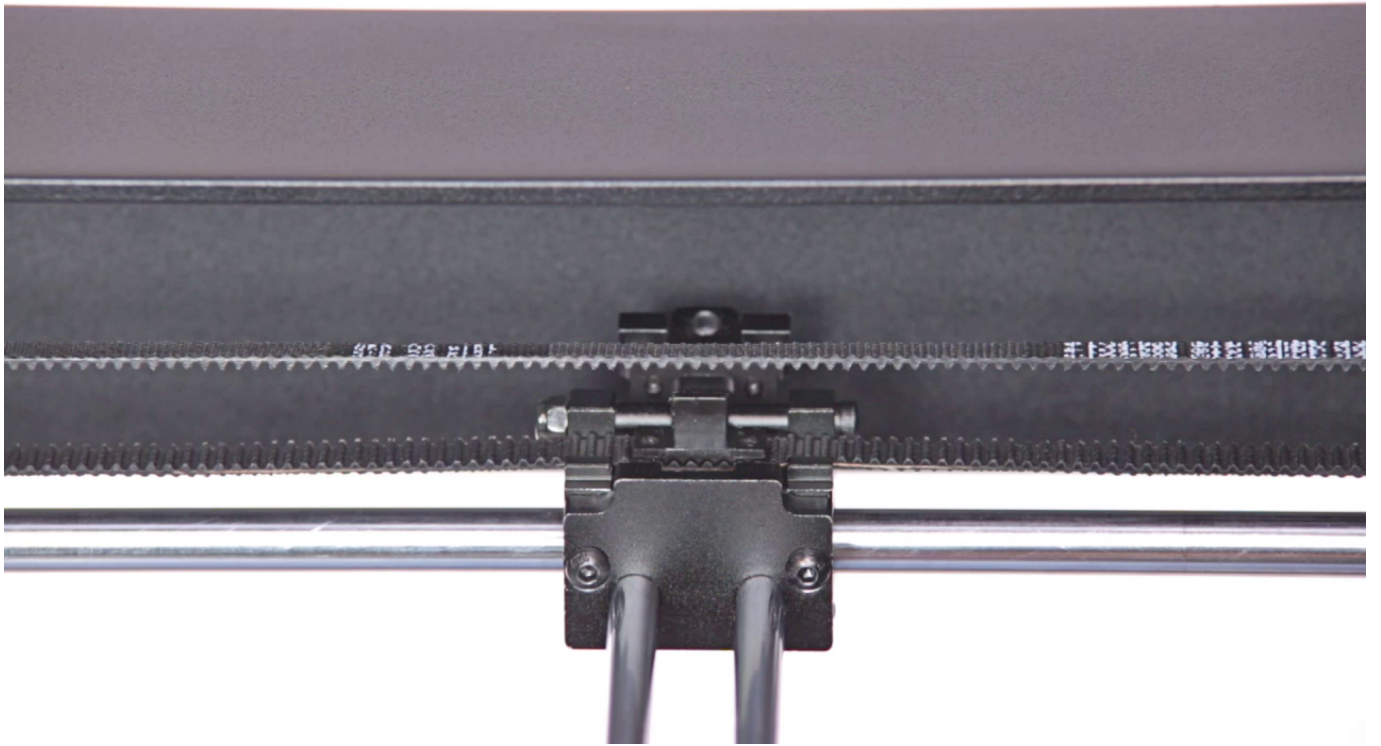
## Securing the Axis Block Covers, part 2



Tighten the other screws on top of each axis block.

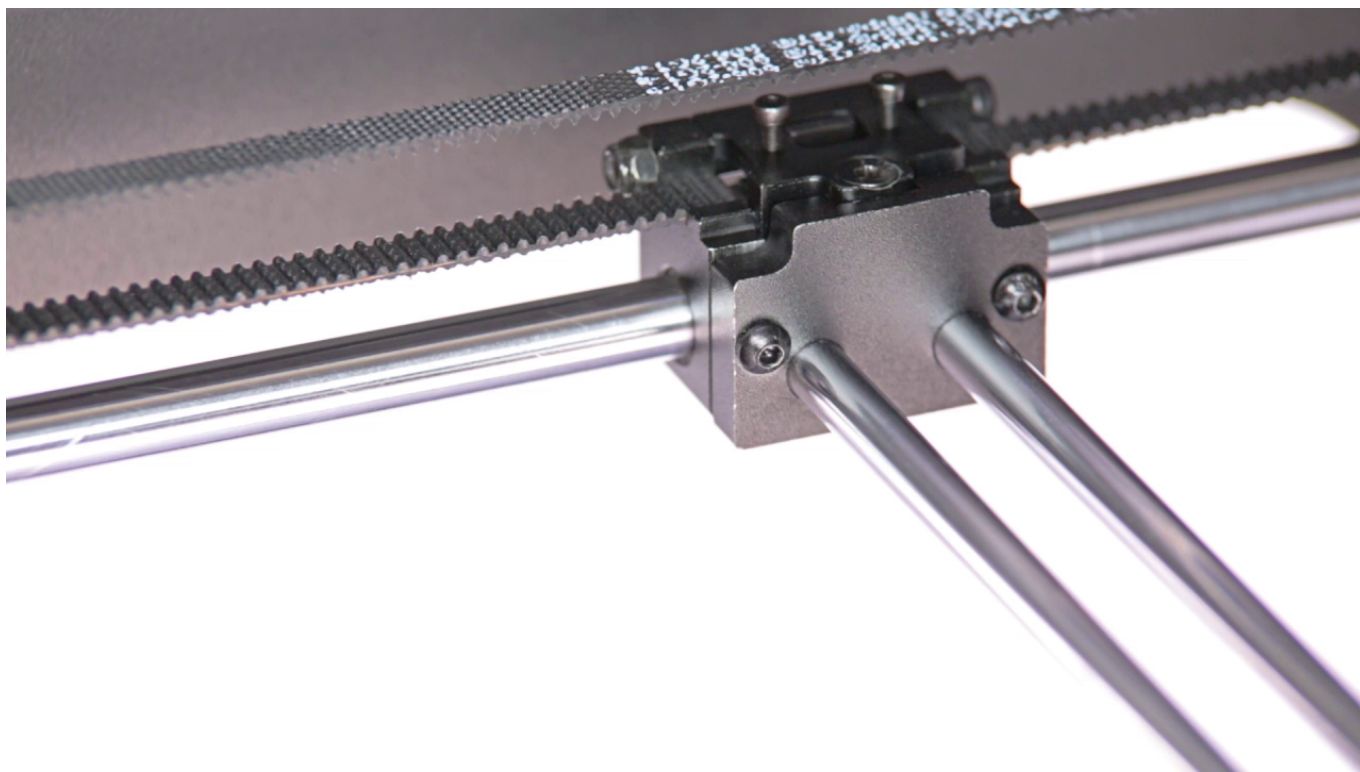
Do not tighten the screws fully yet. They need to be tightened once the axis assembly is finished.

## Securing the Belt Tensioners



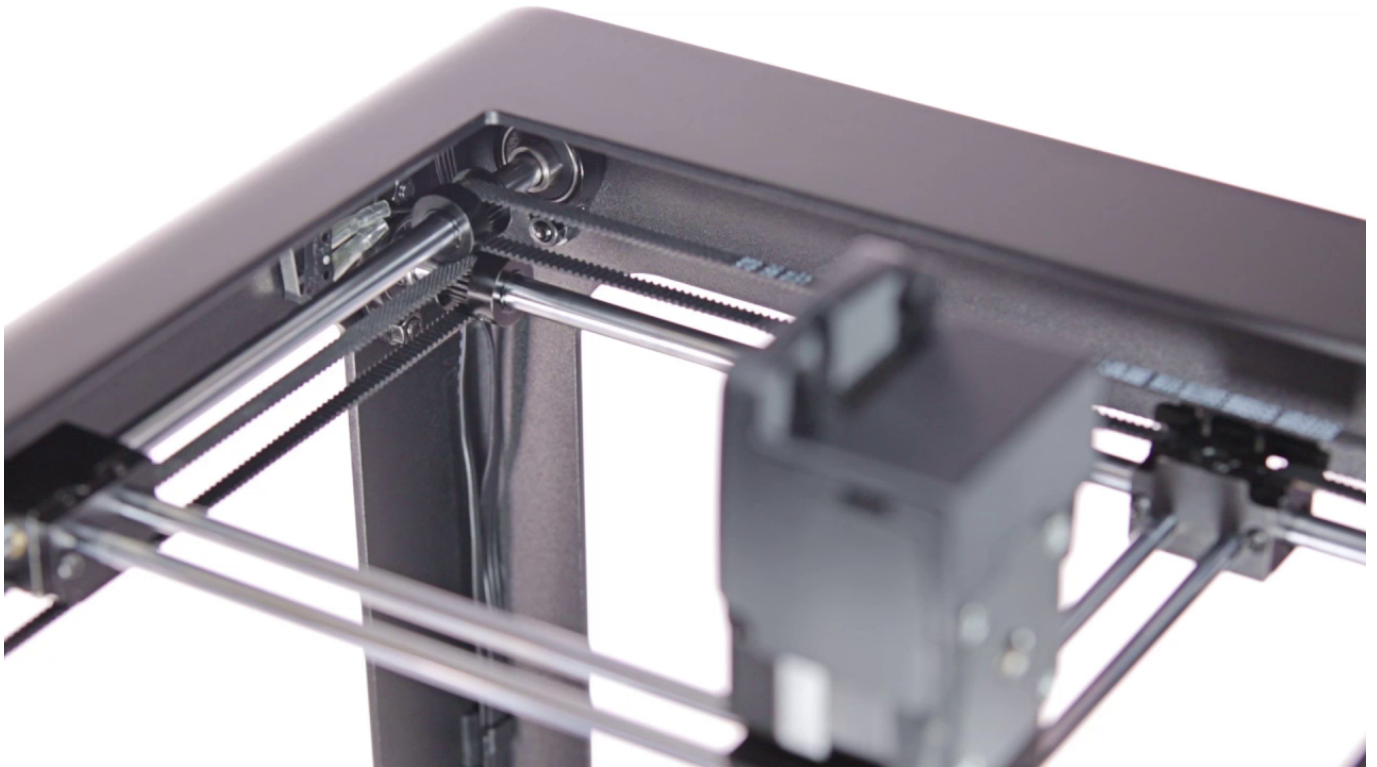
Put the belts inside the belt tensioners. Secure each tensioner with the screw.

## Tightening the Screws on the Axis Block Covers



Finish tightening the screws on each axis block covers.

## Tightening the Self-Aligning Bearing Screws



Tighten the screws that secure the self-aligning bearings on both sides of the housing.