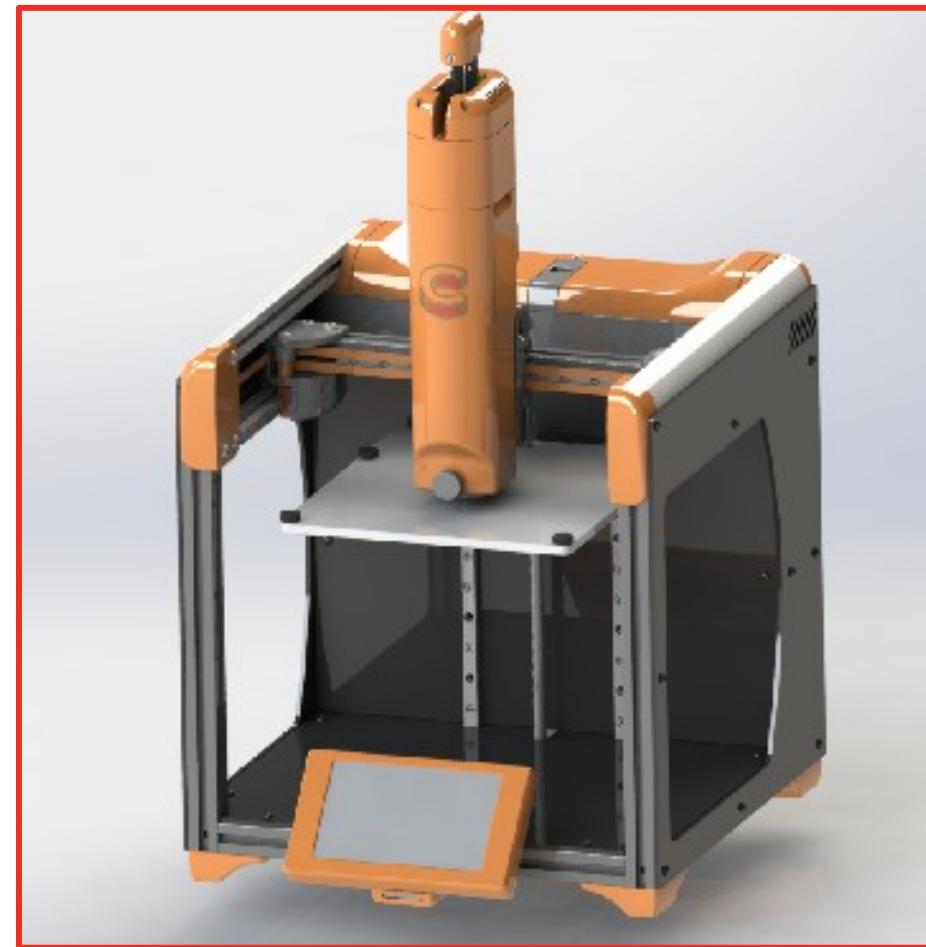


COCOA PRESS



MINI CHEF ASSEMBLY MANUAL

Break Free from the Mold.

VERSION 2023-03-03



Before you begin on your journey, a word of caution.

This machine can maim, burn, and electrocute you if you are not careful.

Please do not become the first VORON fatality.
There is no special Reddit flair for that.

Please, read the entire manual before you start assembly.

As you begin wrenching, please check our Discord channels for
any tips and questions that may halt your progress.

Most of all, good luck!

-COCOA PRESS

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<u>Hardware</u>	<u>08</u>		<u>A/B Belts</u>	<u>125</u>
<u>Extrusion prep</u>	<u>12</u>		<u>Print Bed</u>	<u>138</u>
<u>Frame</u>	<u>17</u>		<u>Toolhead</u>	<u>150</u>
<u>A/B Drives</u>	<u>68</u>		<u>Electronics & Wiring</u>	<u>184</u>
<u>A/B Idlers</u>	<u>83</u>		<u>Skirts & Panels</u>	<u>207</u>
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PART PRINTING GUIDELINES

The Voron Team has provided the following print guidelines for you to follow in order to have the best chance at success with your parts. There are often questions about substituting materials or changing printing standards, but we recommend you follow these.

3D PRINTING PROCESS Fused Deposition Modeling (FDM)	INFILL TYPE Grid, Gyroid, Honeycomb, Triangle or Cubic
MATERIAL ABS/ASA/PETG	INFILL PERCENTAGE Recommended: 40%
LAYER HEIGHT Recommended: 0.2mm	WALL COUNT Recommended: 4
EXTRUSION WIDTH Recommended: Forced 0.4mm	SOLID TOP/BOTTOM LAYERS Recommended: 5

FILE NAMING

By this time you should have already downloaded our STL files from the Voron GitHub. You might have noticed that we have used a unique naming convention for the files. This is how to use them.

PRIMARY COLOR

B_Drive_Frame_Lower_x1.stl

These files will have nothing at the start of the filename.

ACCENT COLOR

[a]_Tensioner_Knob_x2.stl

We have added “[a]” to the front of any STL file that is intended to be printed with accent color. The parts are marked with the Cocoa Press logo in the manual when they first appear.

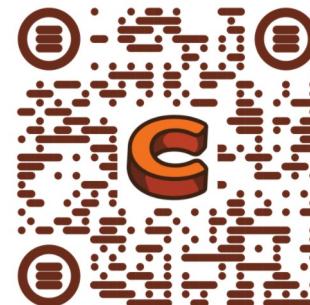
QUANTITY REQUIRED

[a]_Thumb_Nut_x3.stl

Any file that ends with “_x#” is telling you the quantity of that part required to build the machine.

STL FILE LIST

We have put together a comprehensive list of all the STL files used in this manual you can use this to keep track of parts you have printed, identify the names of printed parts, and/or reference where they are used in the body of this manual. Simply copy the document from the link and you can markup a local copy for yourself.



<https://www.cocoapress.com>

HOW TO GET HELP

If you need assistance with your build, we're here to help. Head on over to our Discord group and post your questions. This is our primary medium to help VORON Users and we have a great community that can help you out if you get stuck.

**Discord**<https://discord.gg/voron>**reddit**<https://www.reddit.com/r/VORONDesign/><https://forum.vorondesign.com/>

REPORTING AN ISSUE

Should you find an issue in the documentation or have a suggestion for an improvement please consider opening an issue on GitHub (<https://github.com/VoronDesign/Voron-0/issues>). When raising an issue please include the relevant page numbers and a short description; annotated screenshots are also very welcome. We periodically update the manual based on the feedback we get.

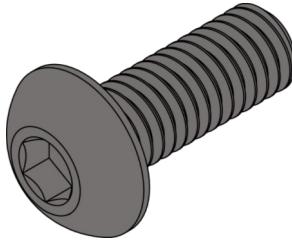
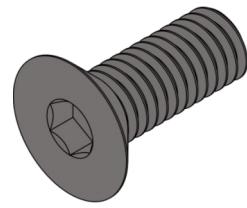
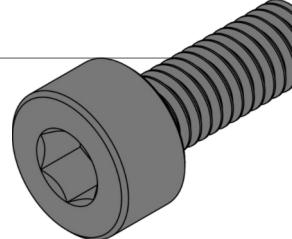
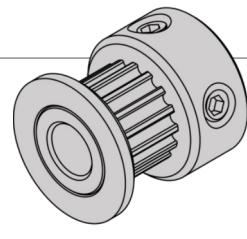
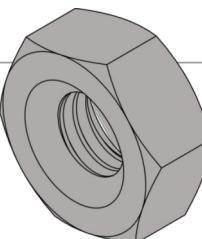
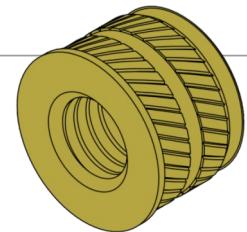
THIS IS JUST A REFERENCE

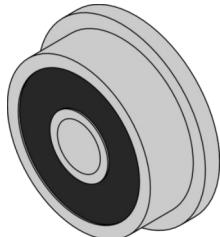
This manual is designed to be a simple reference manual. Building a Voron can be a complex endeavour and for that reason we recommend downloading the CAD files off our Github repository if there are sections you need clarification on. It can sometimes be easier to follow along when you have the whole assembly in front of you.



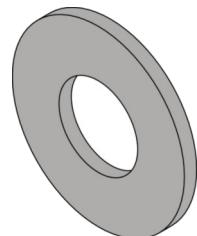
<https://github.com/VoronDesign>

<https://docs.vorondesign.com/>

	<p>BUTTON HEAD CAP SCREW (BHCS)</p> <p>Metric fastener with a domed shaped head and hex drive. Most commonly found in locations where M3 fasteners are used.</p> <p>ISO 7380-1</p>		<p>FLAT HEAD CAP SCREW (FHCS)</p> <p>Metric fastener with a cone shaped head and a flat top.</p> <p>ISO 10642</p>
	<p>SOCKET HEAD CAP SCREW (SHCS)</p> <p>Metric fastener with a cylindrical head and hex drive. The most common fastener used on the machine.</p> <p>ISO 4762 / DIN 912</p>		<p>PULLEY</p> <p>GT2 pulley used on the motion system of the machine.</p>
	<p>HEX NUT</p> <p>Hex nuts couple with bolts to create a tight, secure joint. You'll see these used in both M2 and M3 variants throughout this guide.</p> <p>ISO 4032 / DIN 934</p>		<p>HEAT SET INSERT</p> <p>Heat the inserts with a soldering iron so that they melt the plastic when installed. As the plastic cools, it solidifies around the knurls and ridges on the insert for excellent resistance to both torque and pull-out.</p>

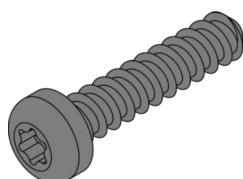
**F695 BEARING**

A ball bearing with a flange used in various gantry locations.

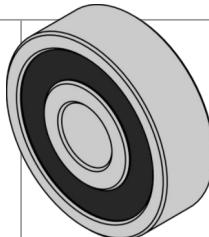
**M3 SHIMS**

Not to be confused with stamped washers. These are used in all M3 call-out locations in this manual.

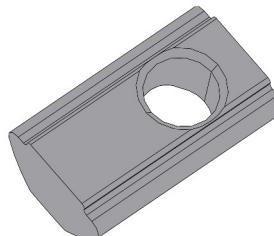
3x6x0.5 DIN 988

**SELF TAPPING SCREW**

Fastener with a pronounced thread profile that is screwed directly into plastic.

**MAKERBEAM T-NUT**

A ball bearing used in various gantry locations.

**POST INSTALL T-NUT**

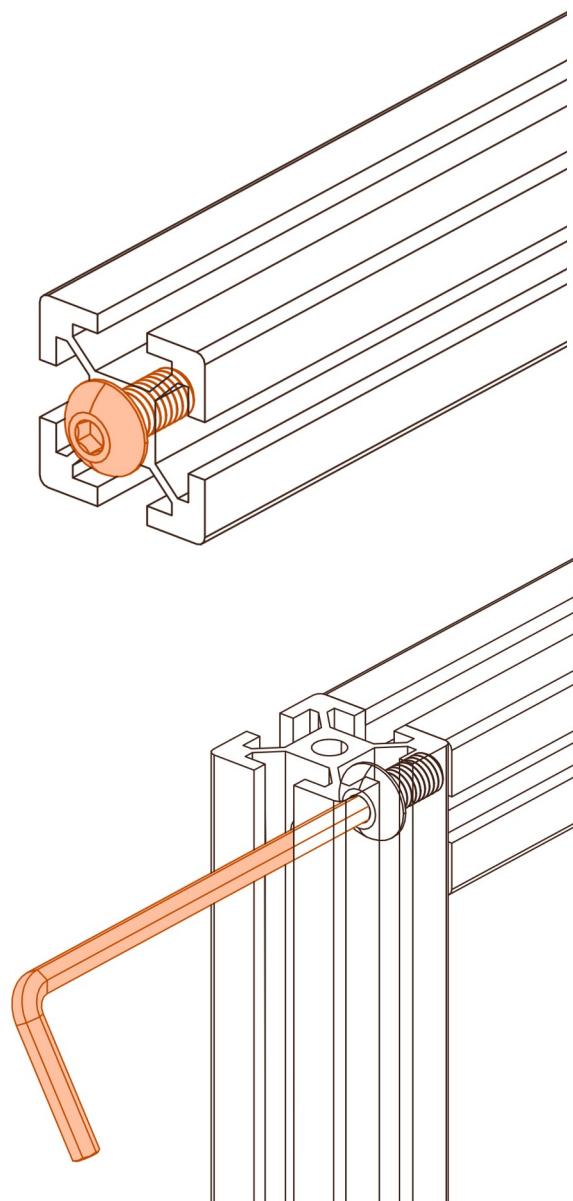
Nut that can be inserted into the slot of an aluminium profile. Used in both M3 and M5 variants throughout this guide. Often also called "roll-in t-nut".

**ATTENTION BUBBLE**

This logo denotes steps that are common areas that mistakes can occur.

HARDWARE - BLIND JOINTS

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M

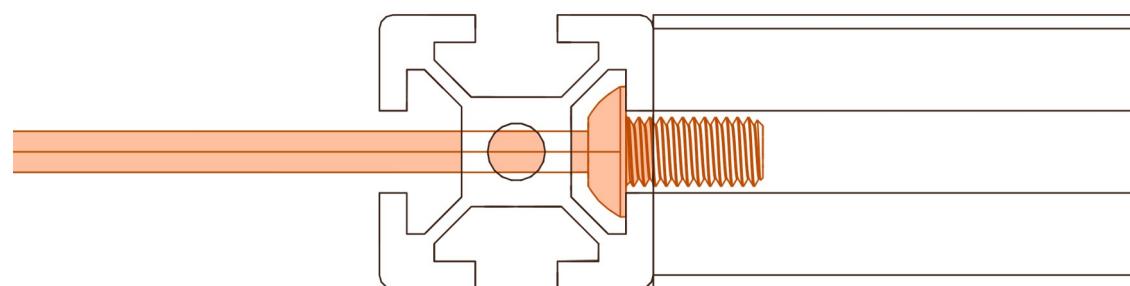
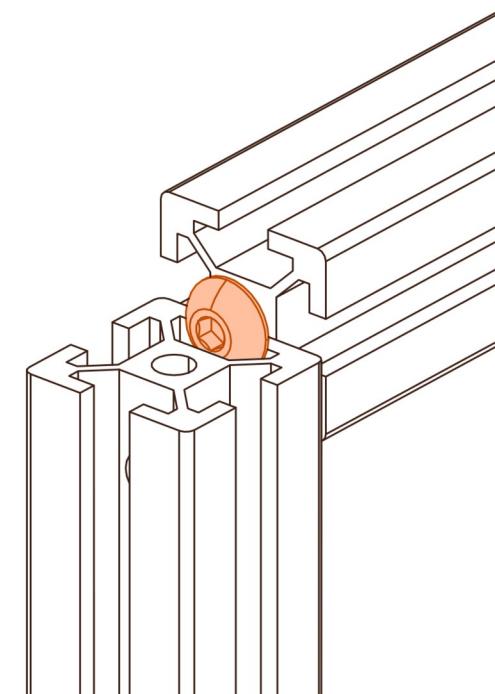
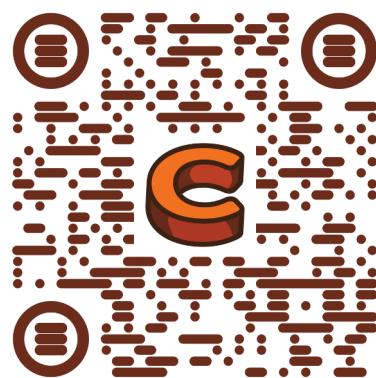


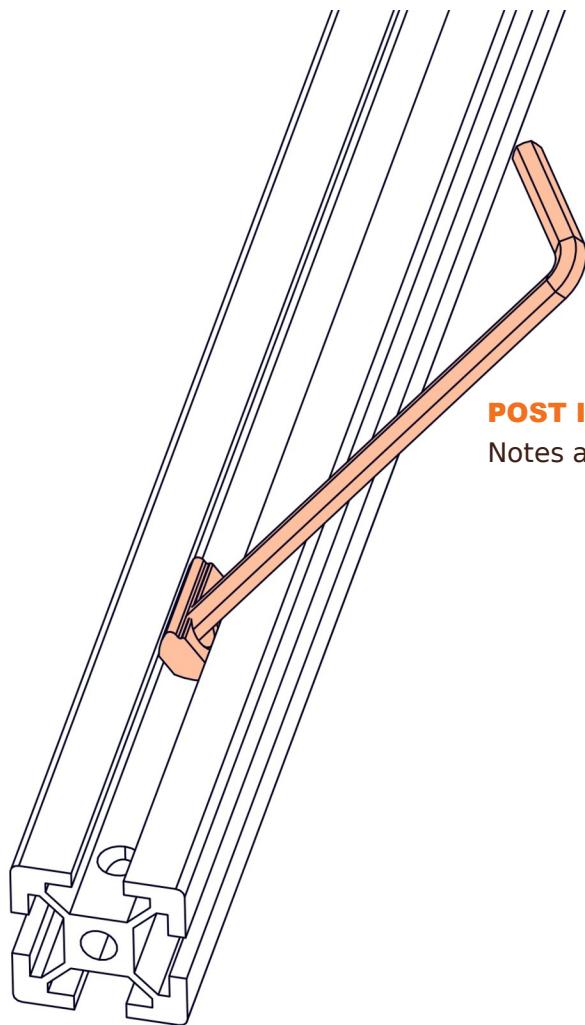
BLIND JOINT BASICS

Blind Joints provide a cost-effective and rigid assembly method for joining extrusions. They will be used throughout the frame assembly.

The head of the BHCS is slid into the channel of another extrusion and securely fastened through a small access hole in the extrusion.

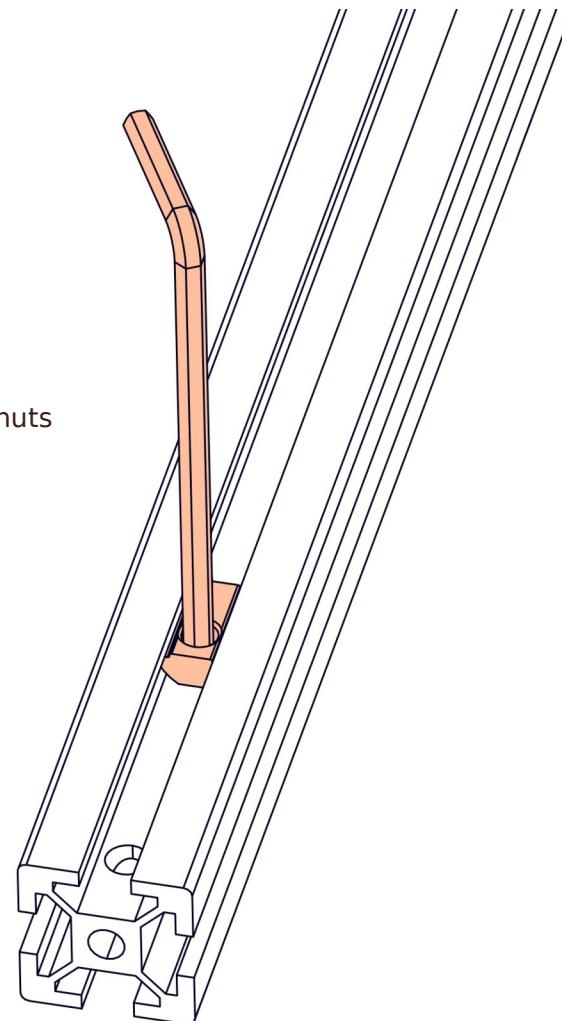
If you've never assembled one before we recommend our guide

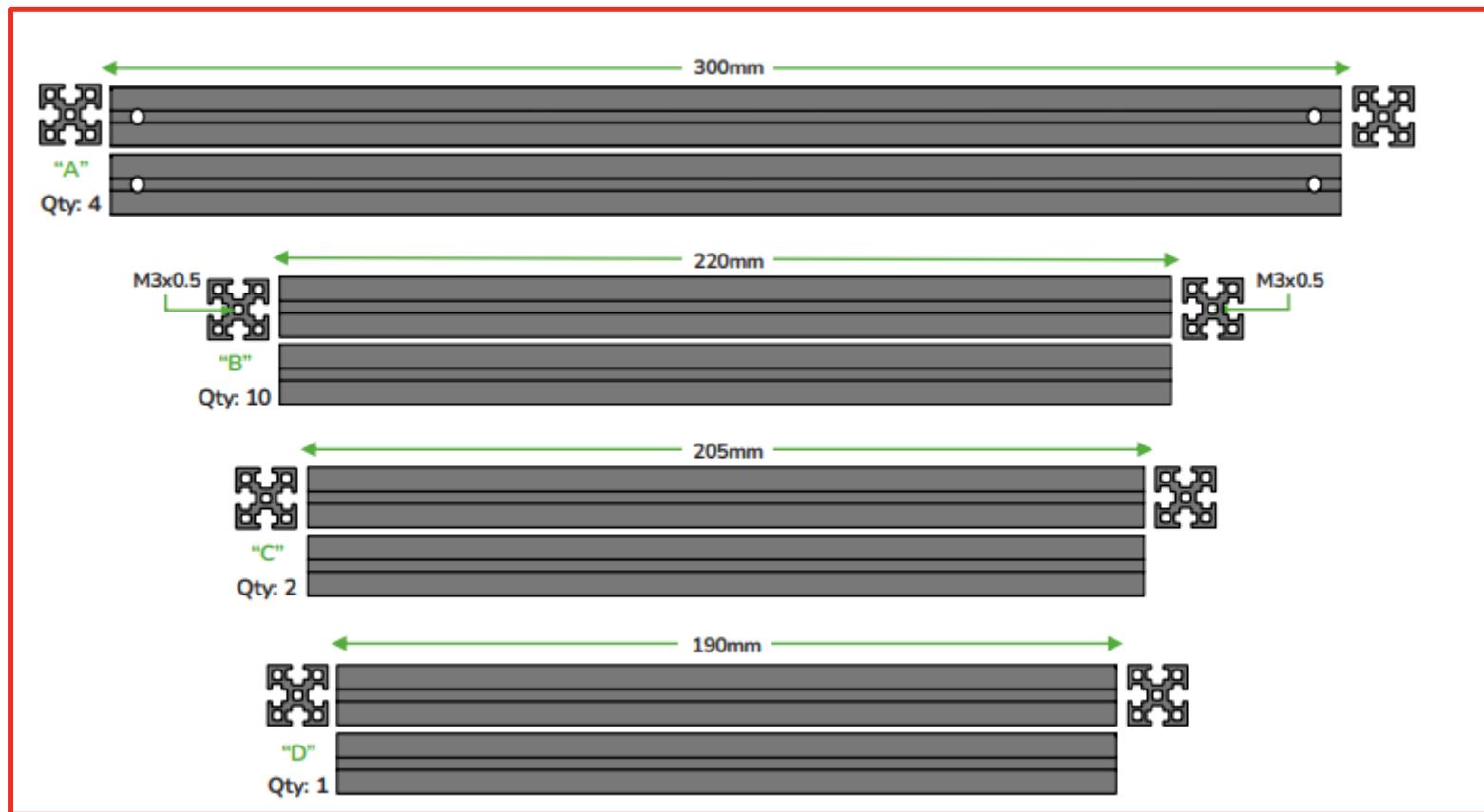




POST INSTALL T-NUTS

Notes about how to install tnuts



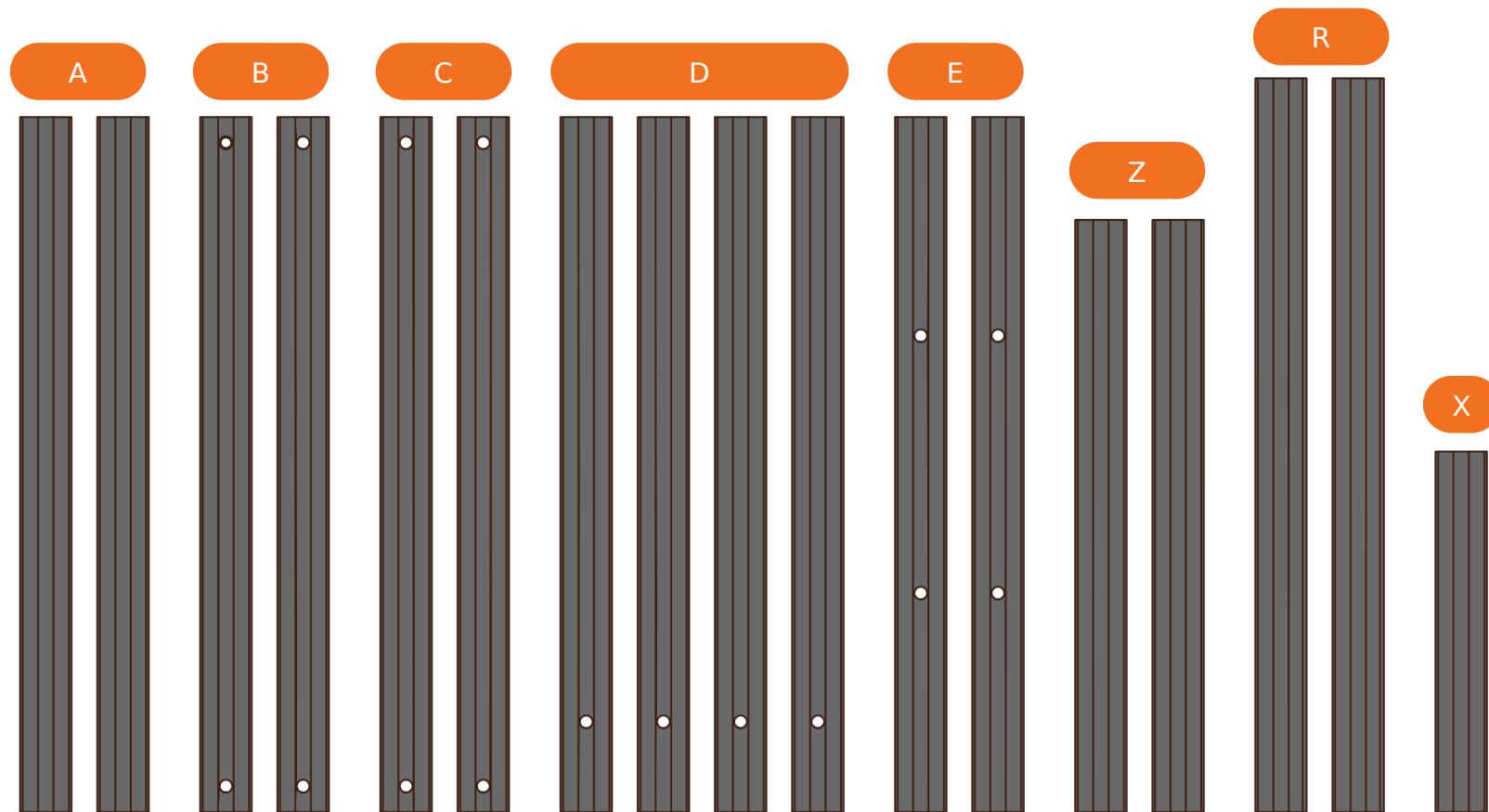


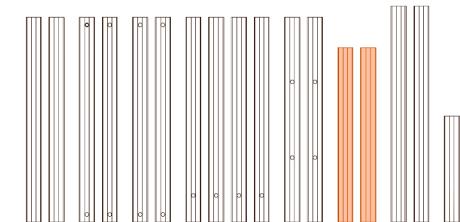
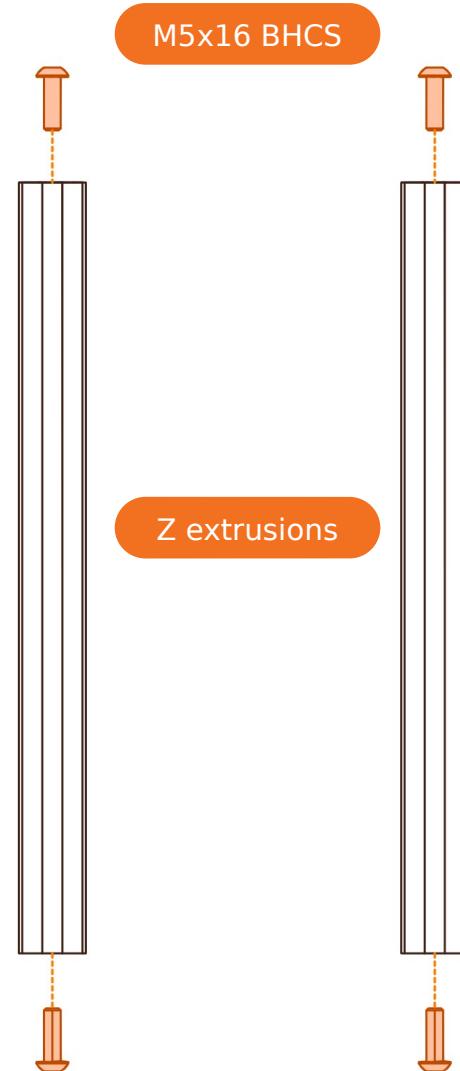
MULTIPLE VIEWS

Notes about the views

SORT YOUR EXTRUSIONS

Collect your extrusions and sort them by length. We will highlight the extrusions used in each step and label them as shown on this page.





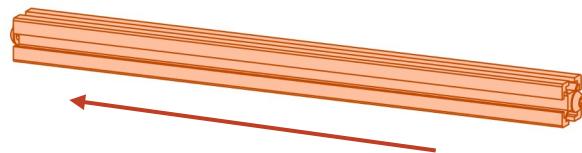
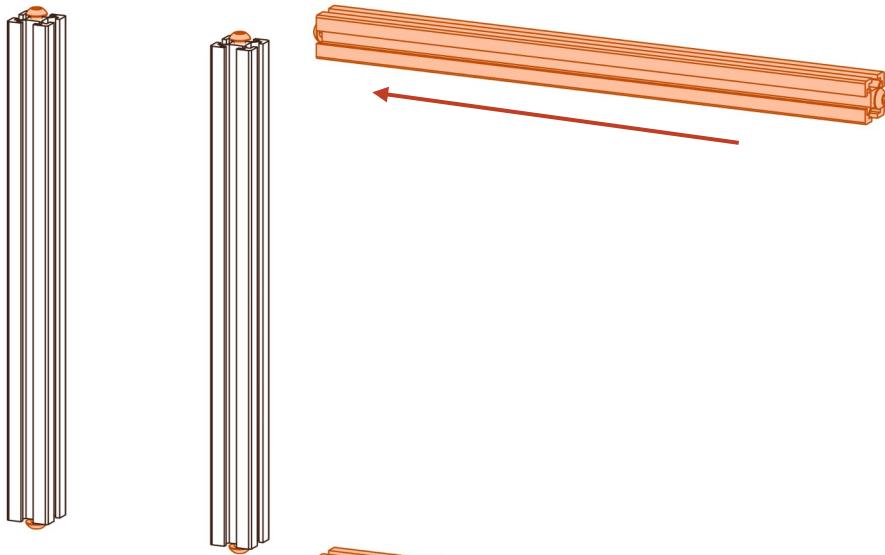


E extrusions

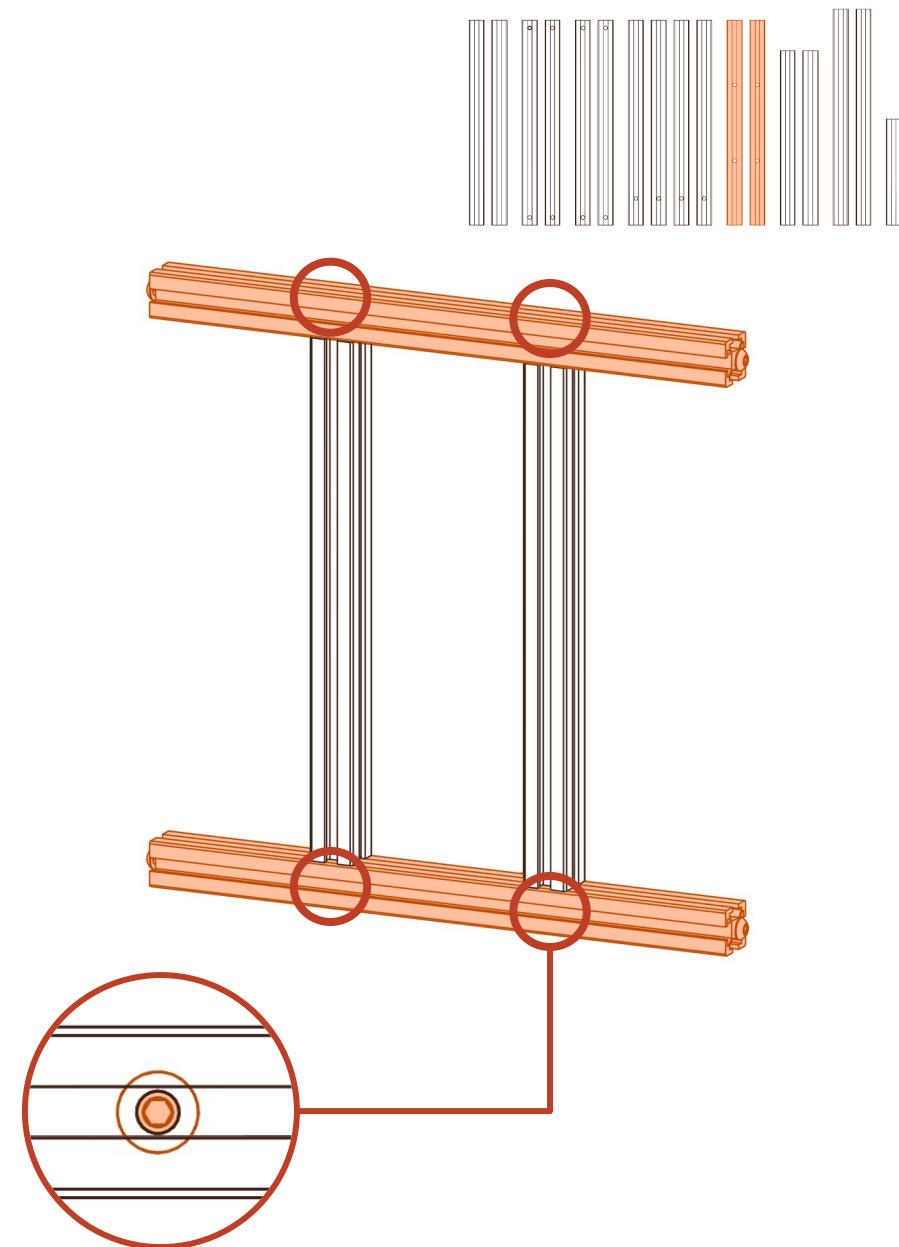


M5x16 BHCS



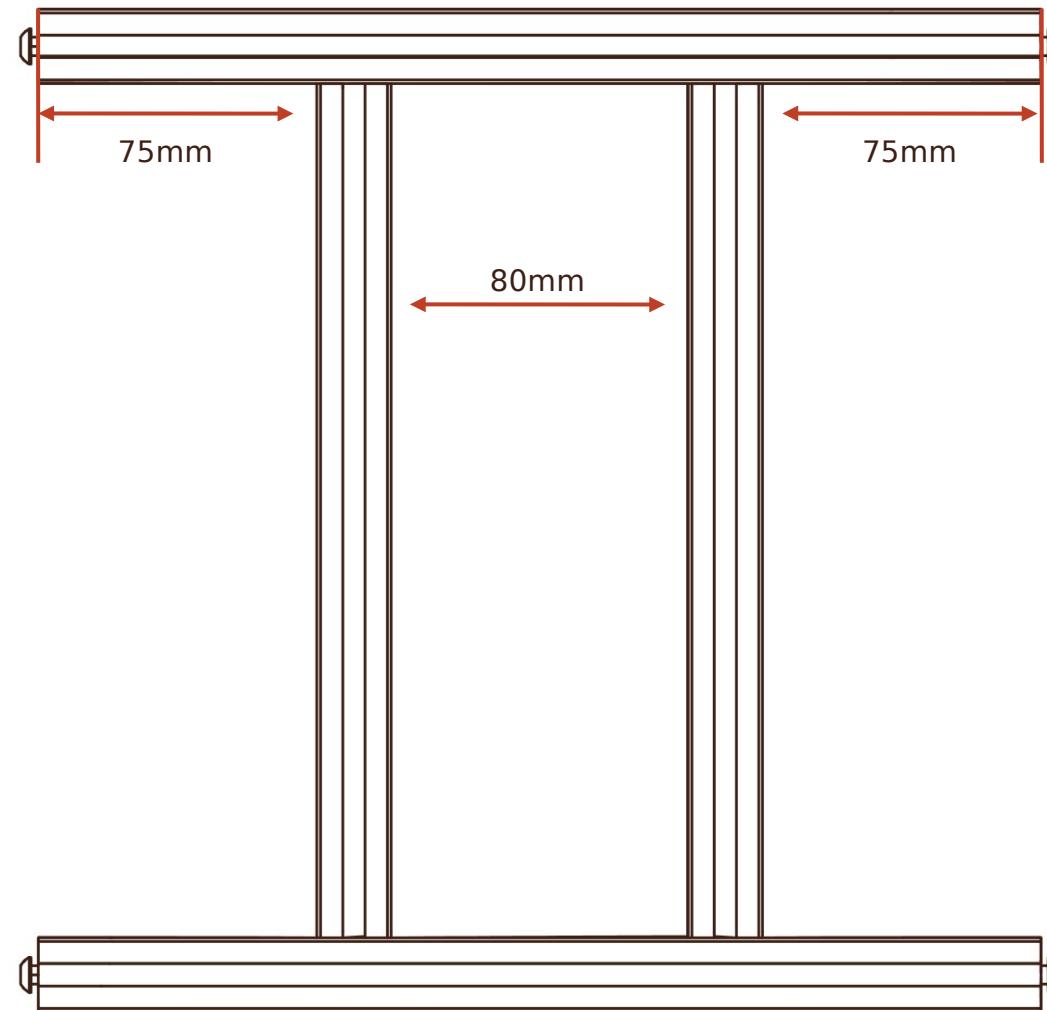
**BLIND JOINTS**

Secure the M5 bolts by inserting an allen key through the access holes. We will adjust the position of the Z extrusions on the next page



FRAME

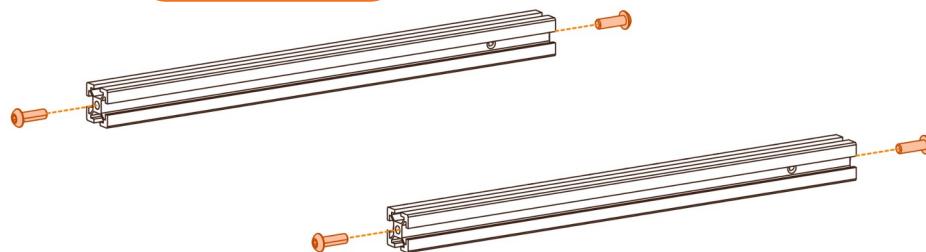
**WWW.COCOAPRESS.CO
M**



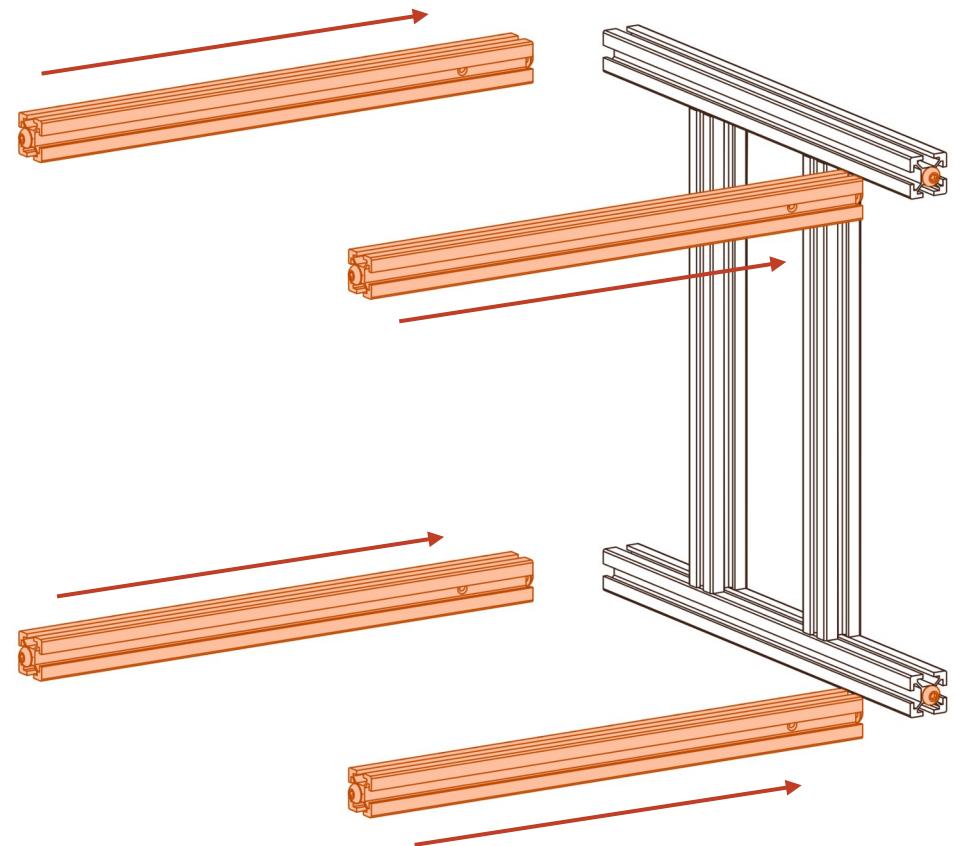
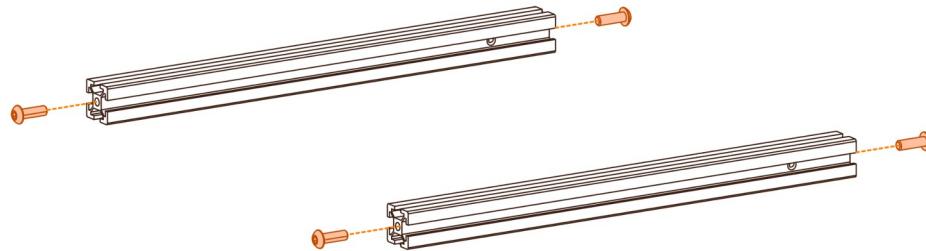
FRAME

WWW.COCOAPRESS.CO
M

M5x16 BHCS

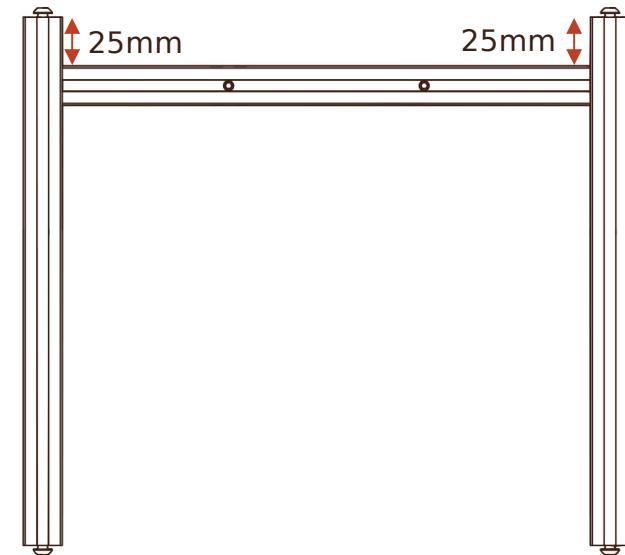
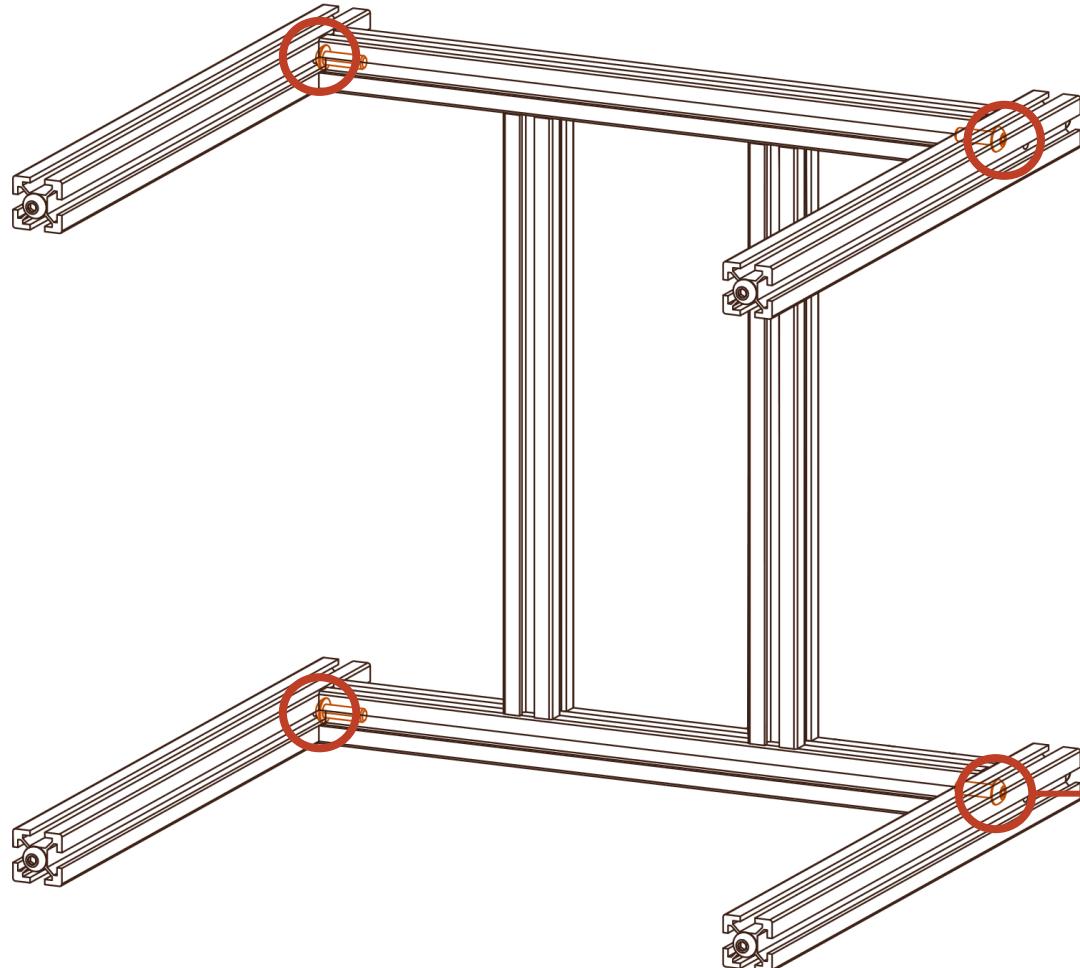


D Extrusions



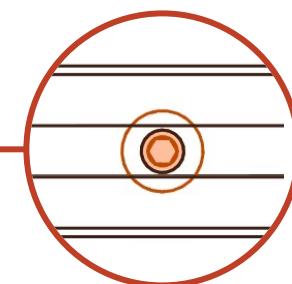
FRAME

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M



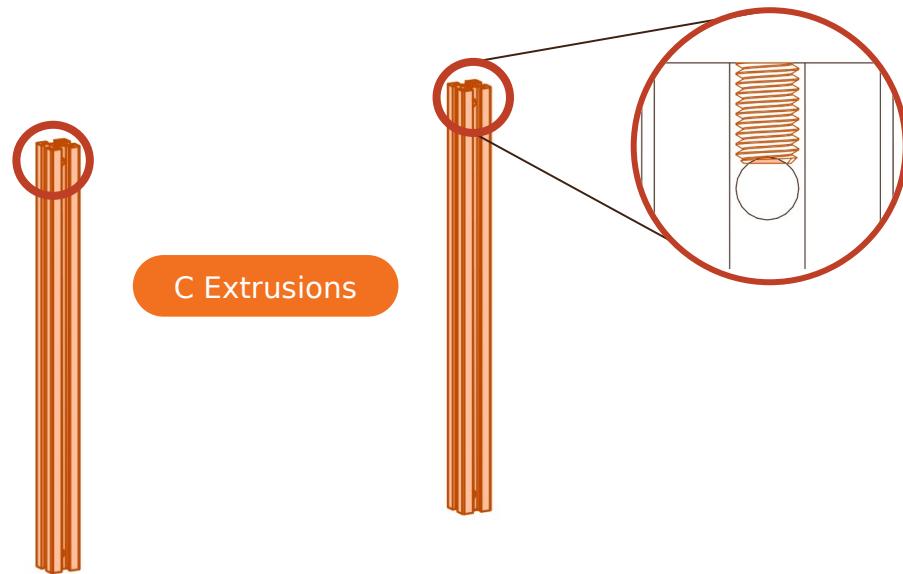
BLIND JOINTS

Secure the M5 bolts by inserting an allen key through the access holes. Adjust the position of the D extrusions so that they match the dimensions noted above



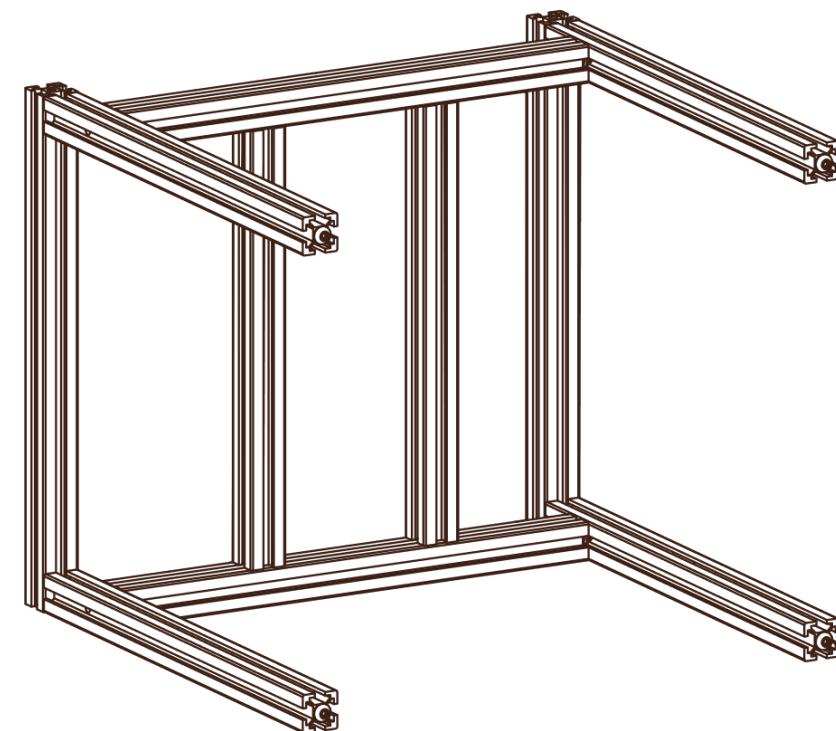
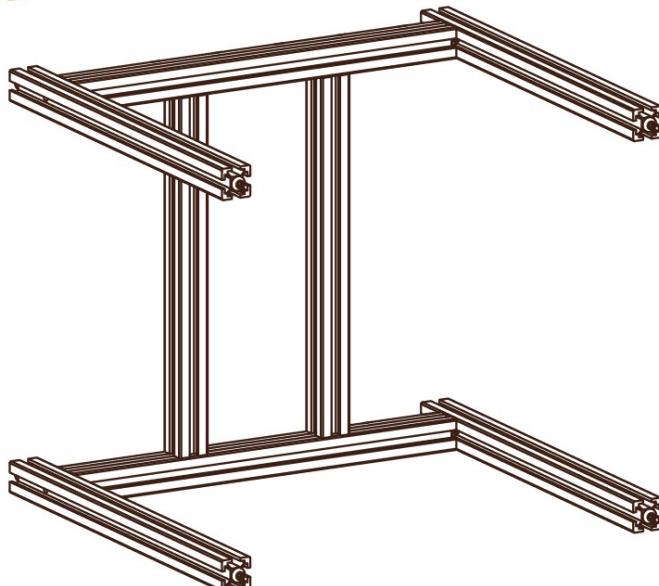
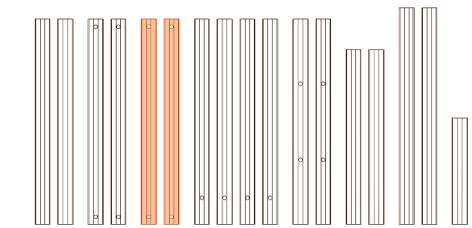
FRAME

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M



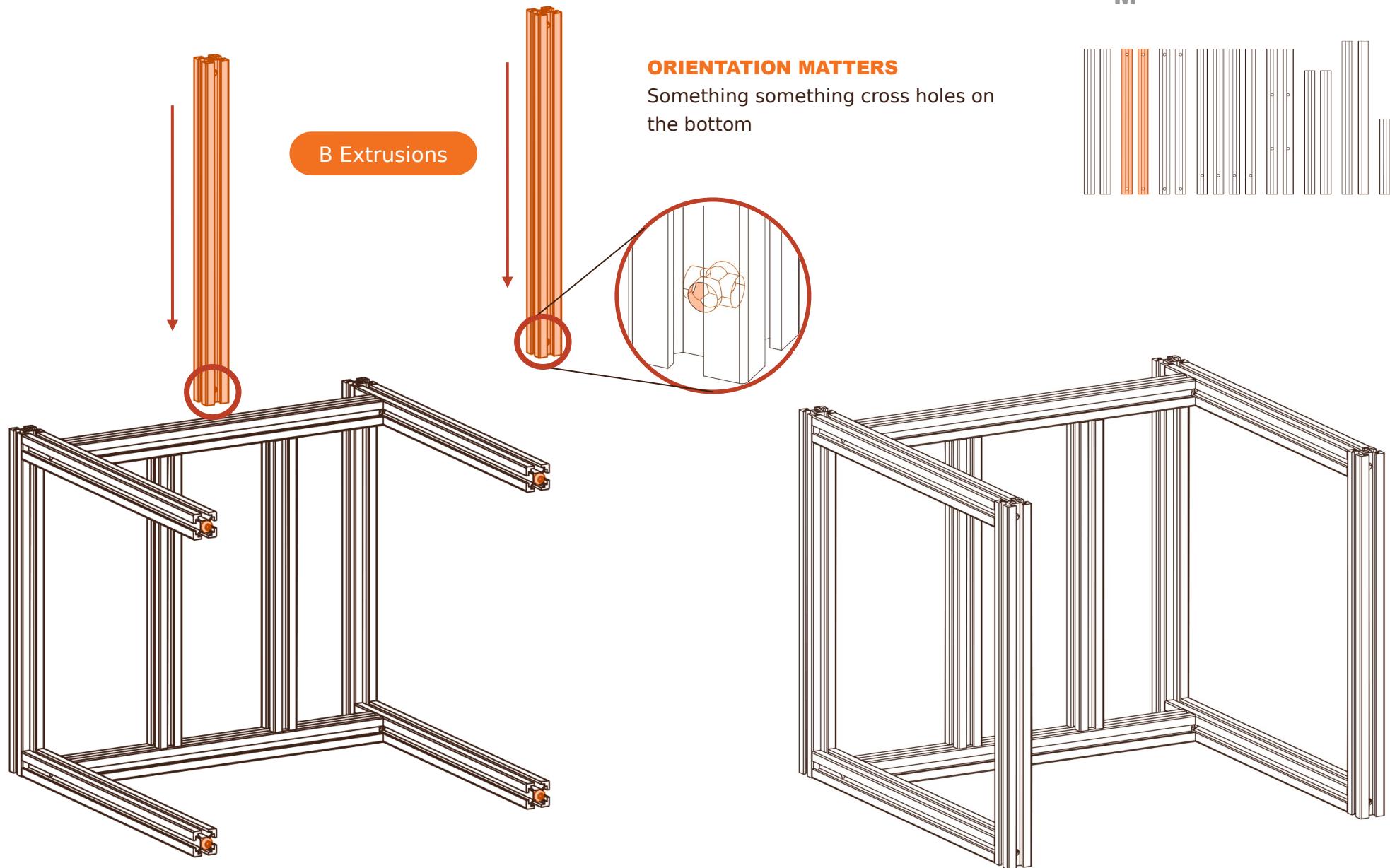
ORIENTATION MATTERS

Something something threads facing up



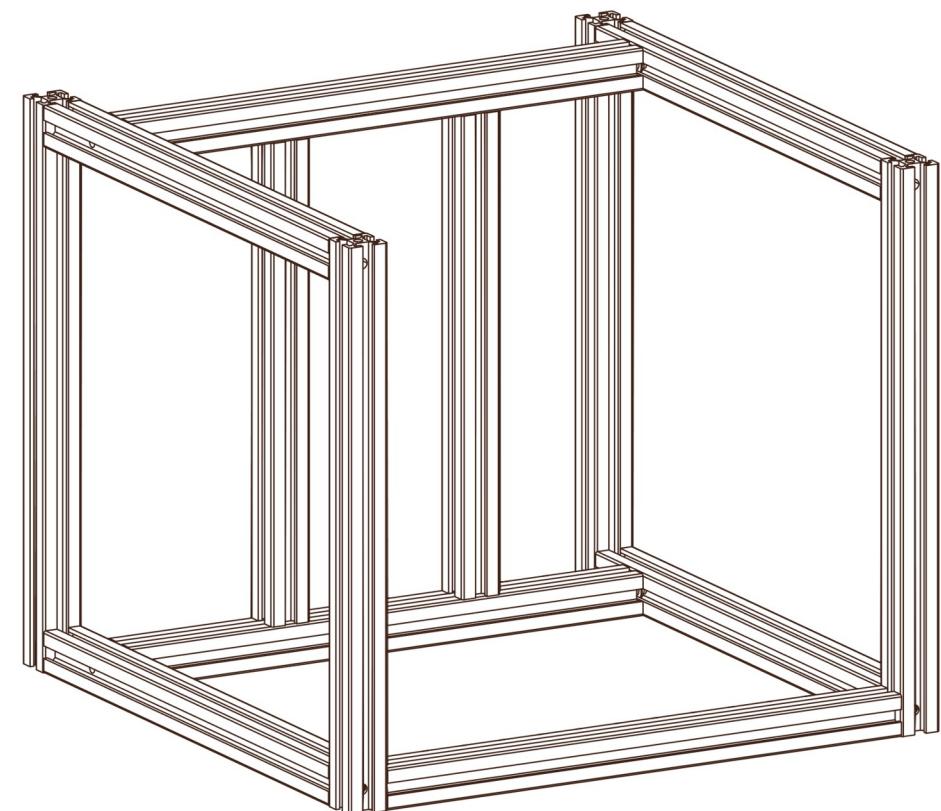
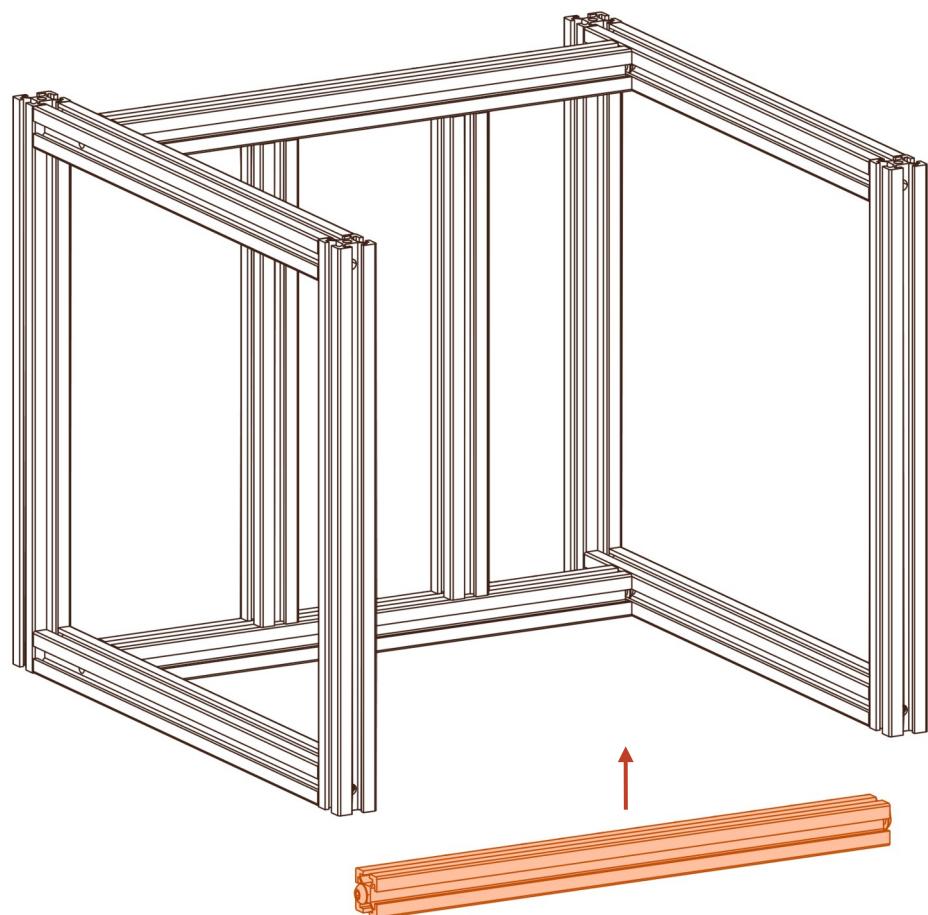
FRAME

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M



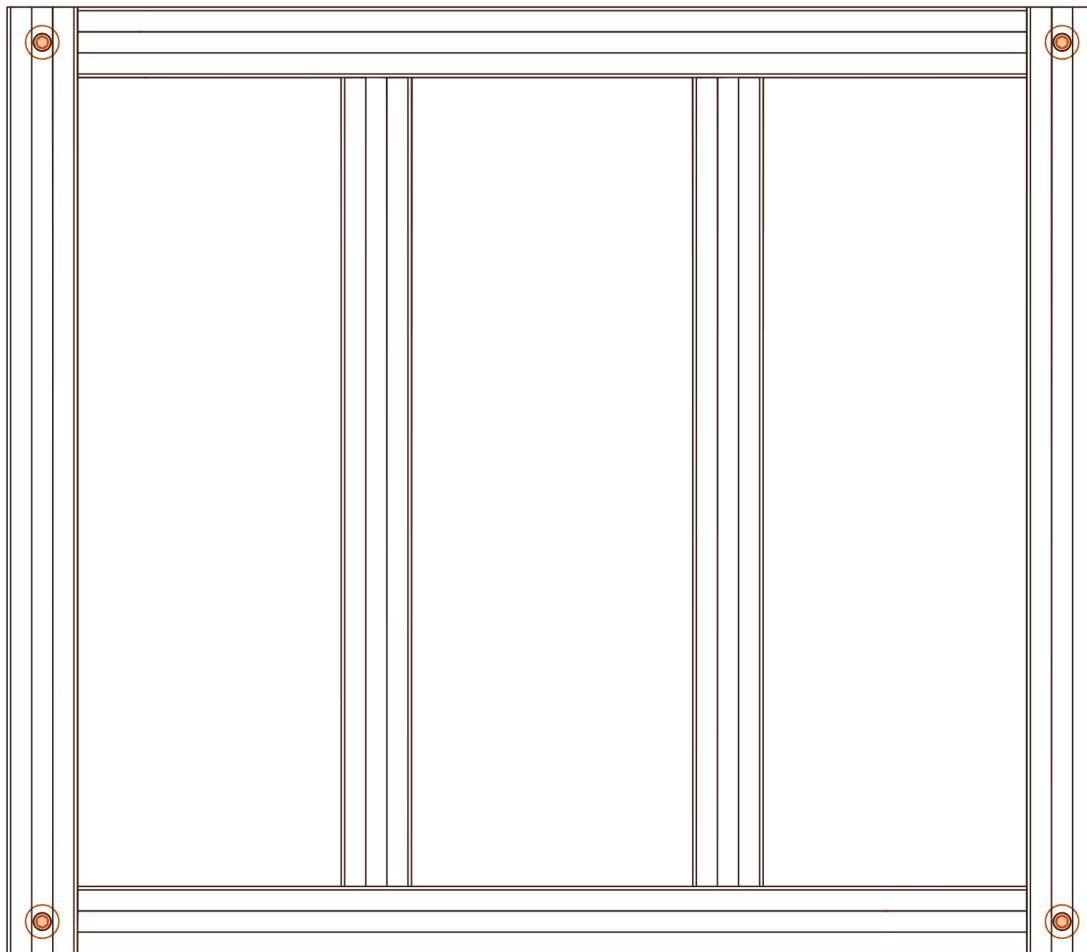
FRAME

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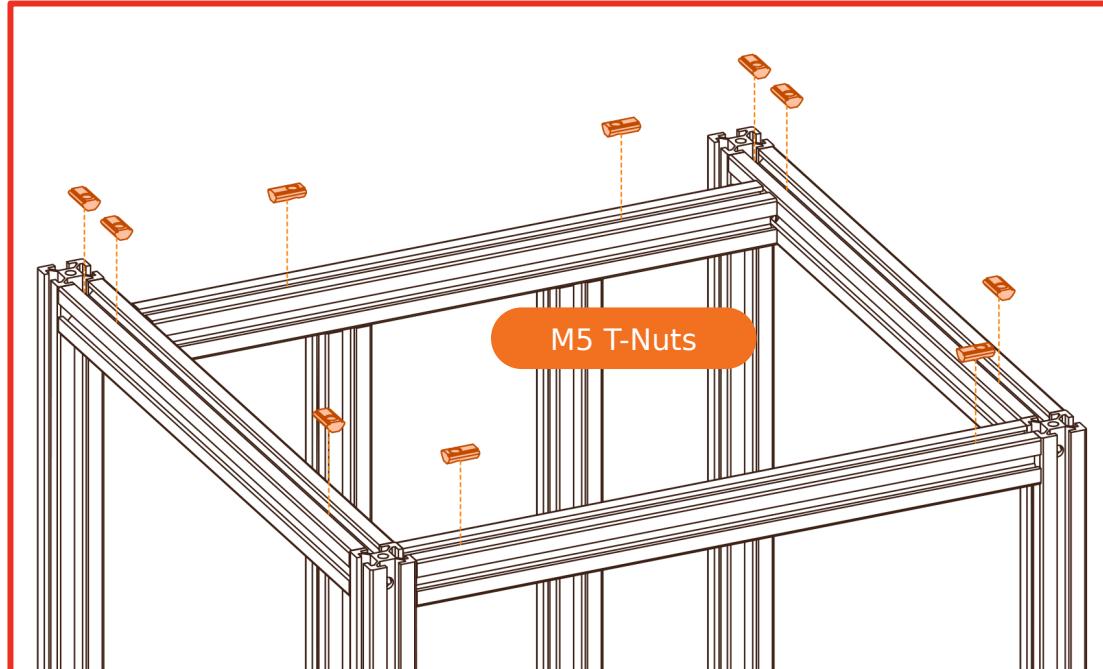


A Extrusion

M5x16 BHCS



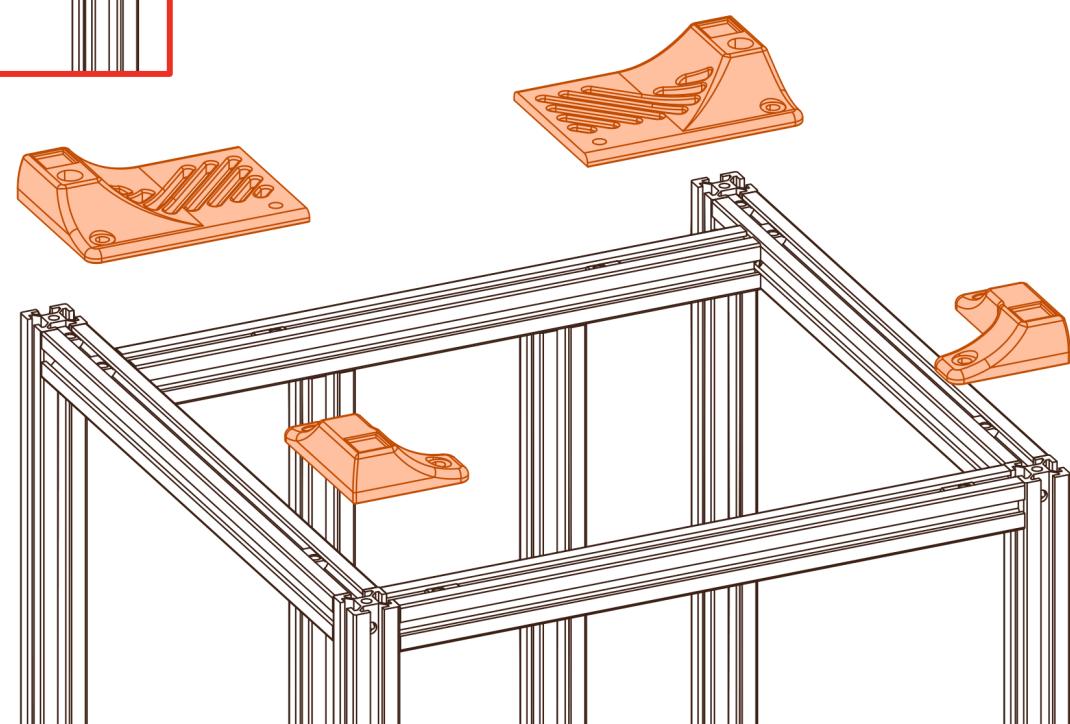
FEET



WWW.COCOAPRESS.CO
M

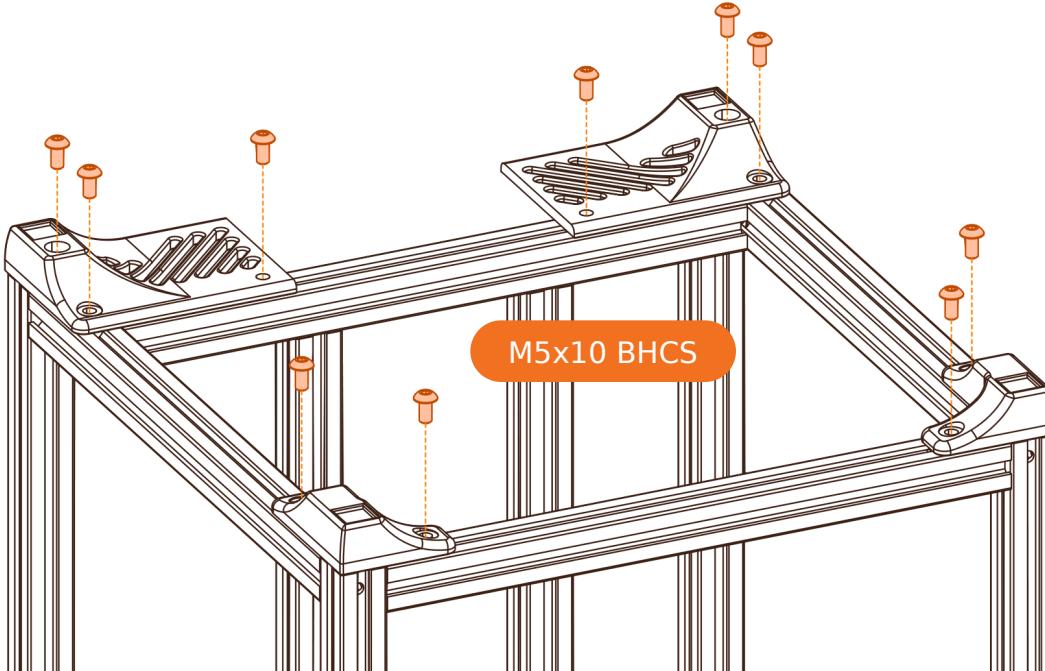
FLIP THE PRINTER OVER

The feet go one the bottom or something



FEET

WWW.COCOAPRESS.CO
M

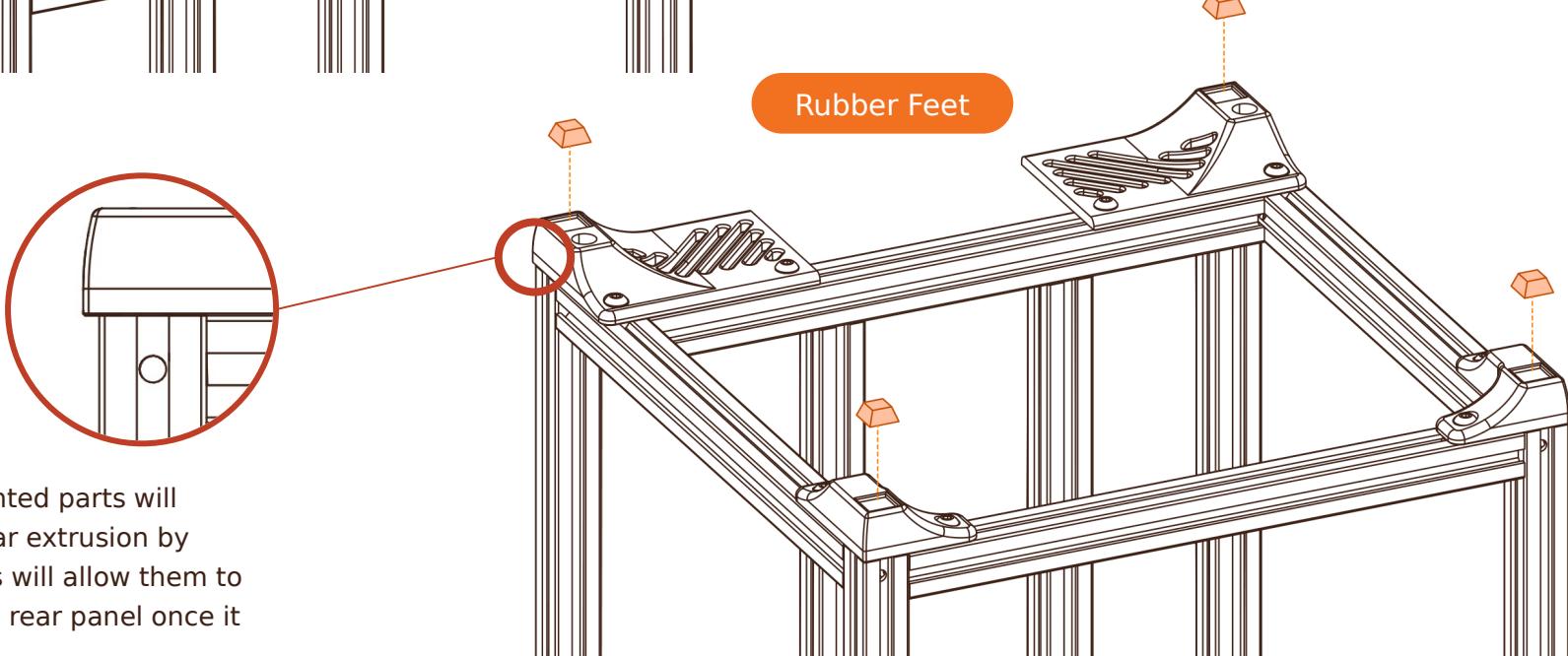


PRESSURE SENSITIVE ADHESIVE

The feet have 3M PSA pre applied, it requires pressure to wet out and bond correctly to the plastic parts.

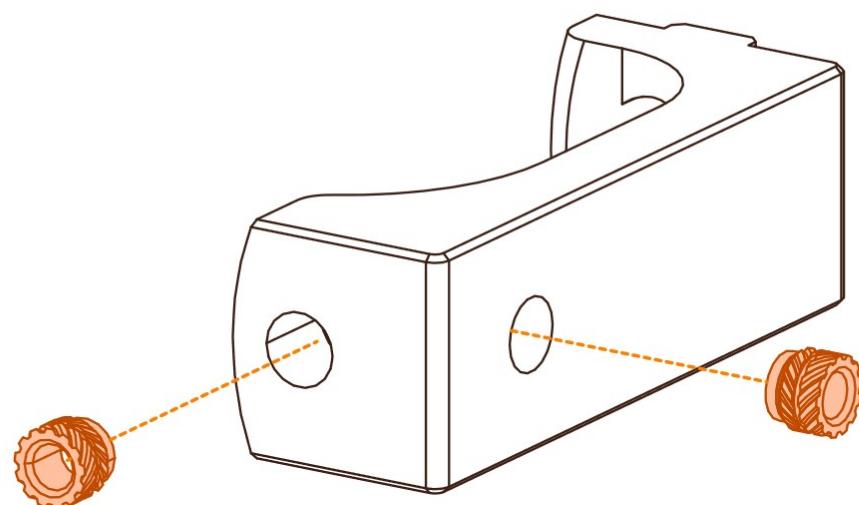
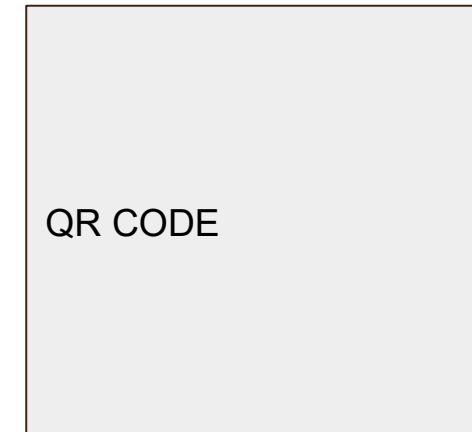
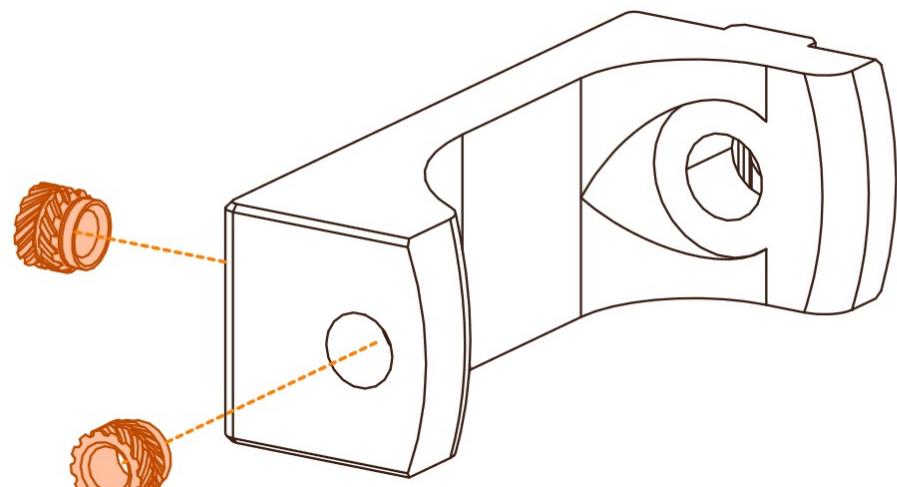
MIND THE GAP

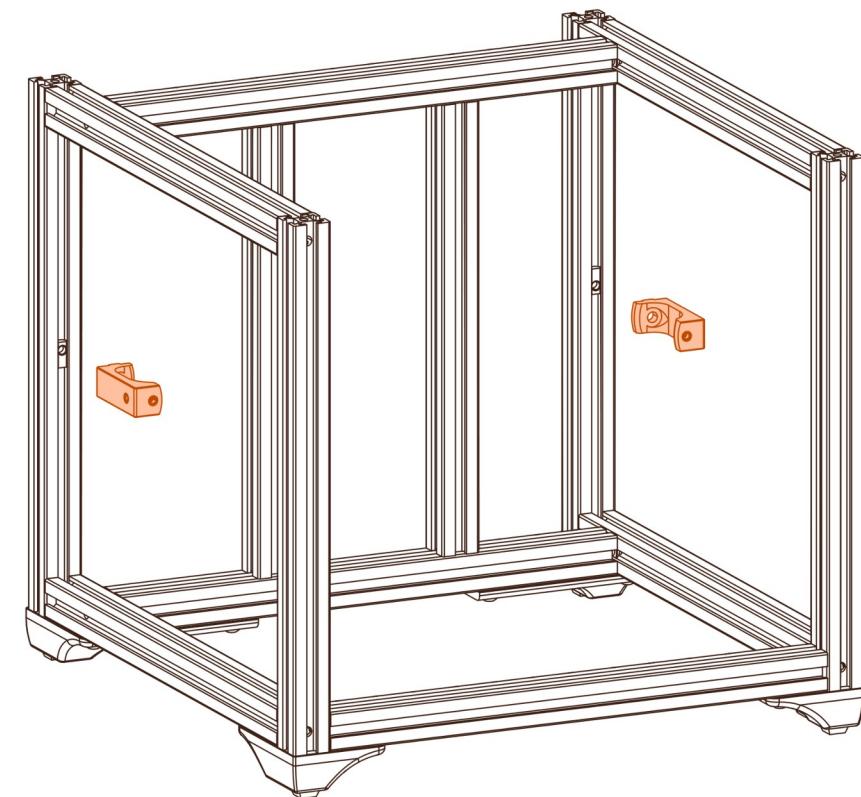
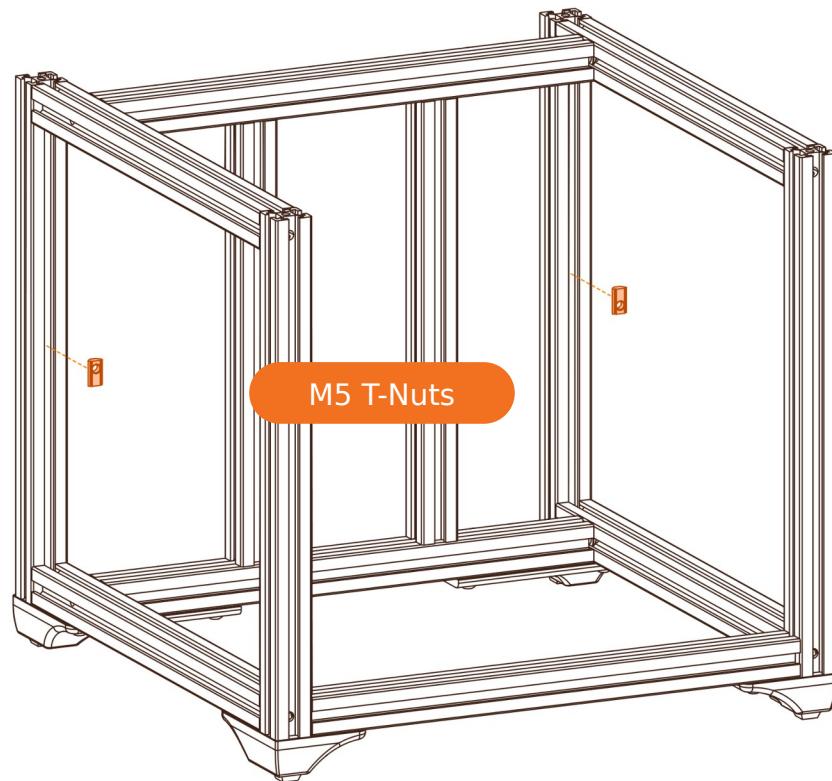
The two rear printed parts will overhang the rear extrusion by about 3mm. This will allow them to be flush with the rear panel once it is installed.

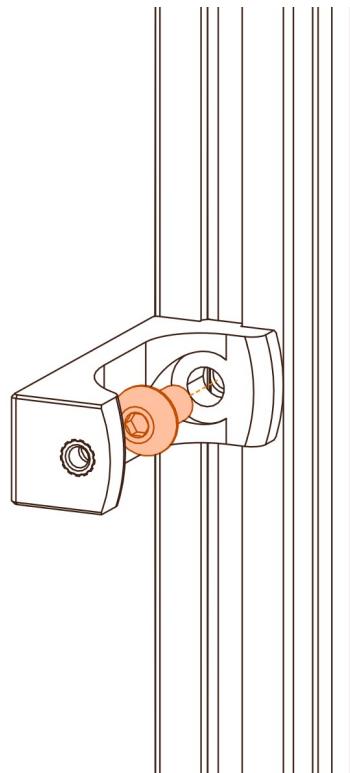


COMPONENT PREP

Many of the printed parts will use heatset threaded inserts. If you have never installed these we recommend you watch the linked video.



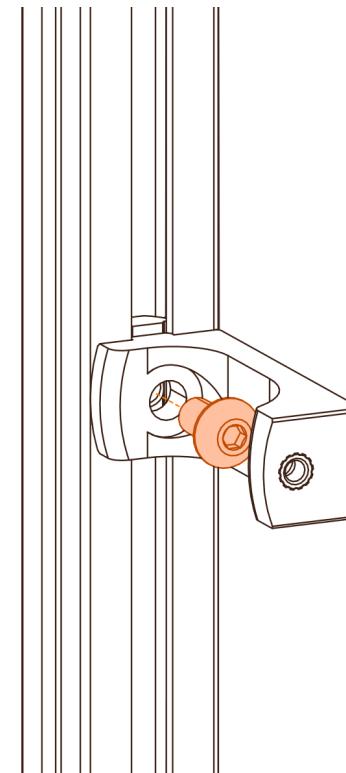




M5x10 BHCS

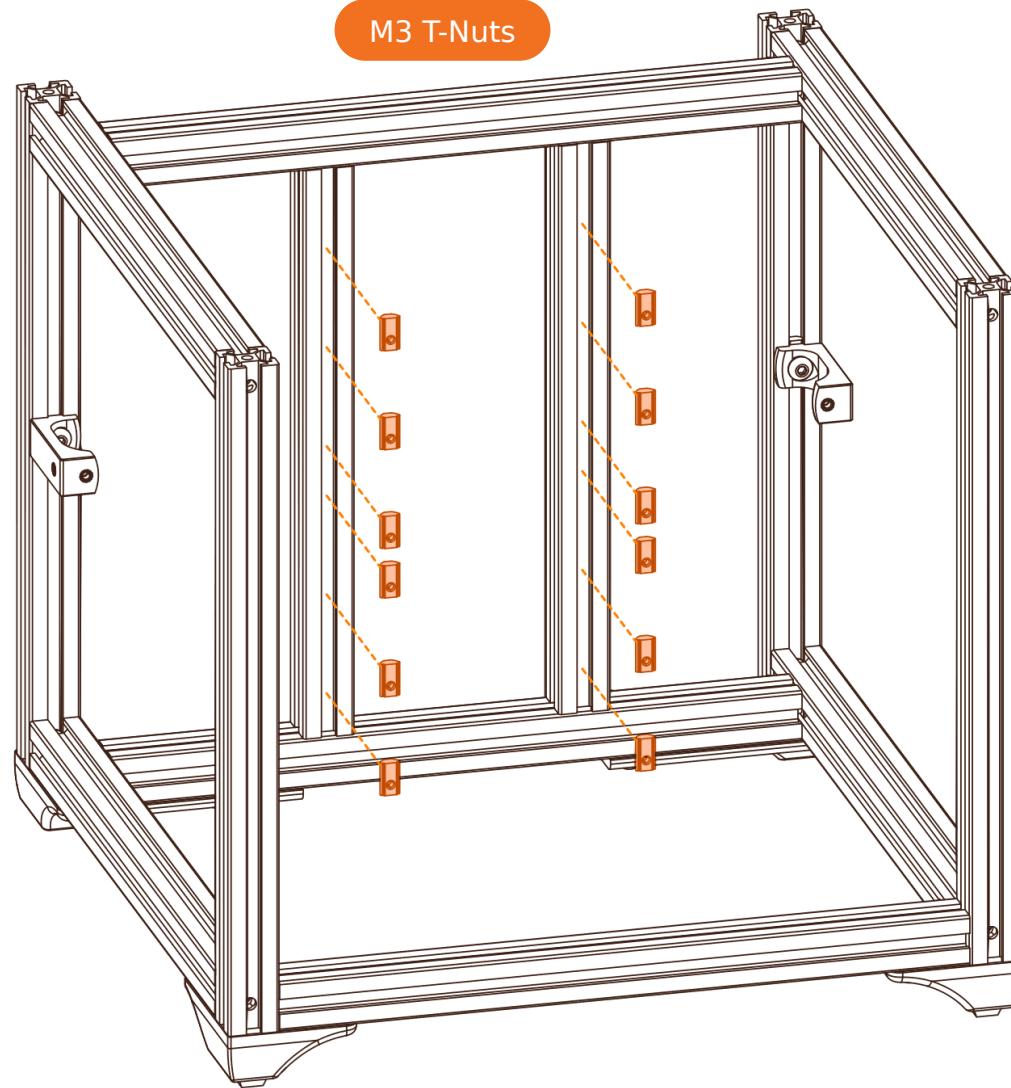
VERTICAL POSITIONING

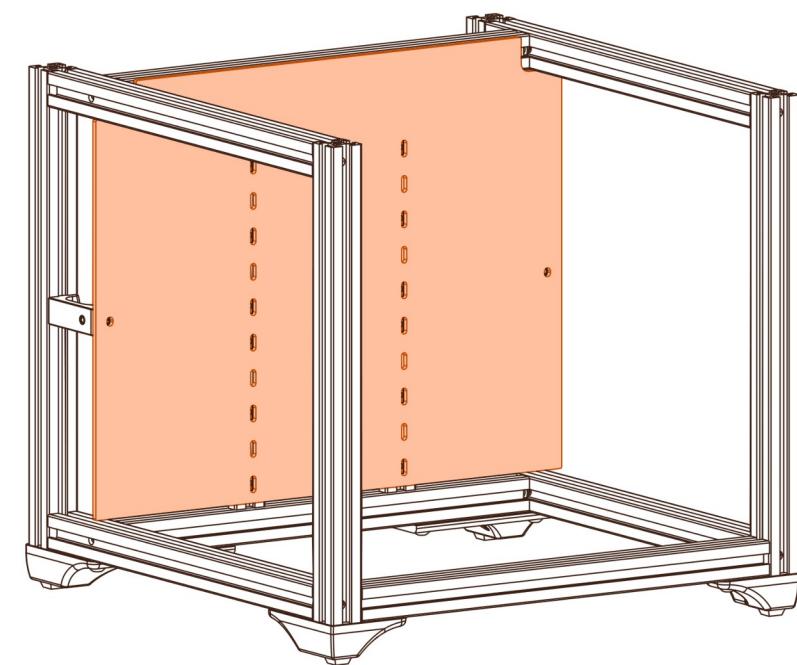
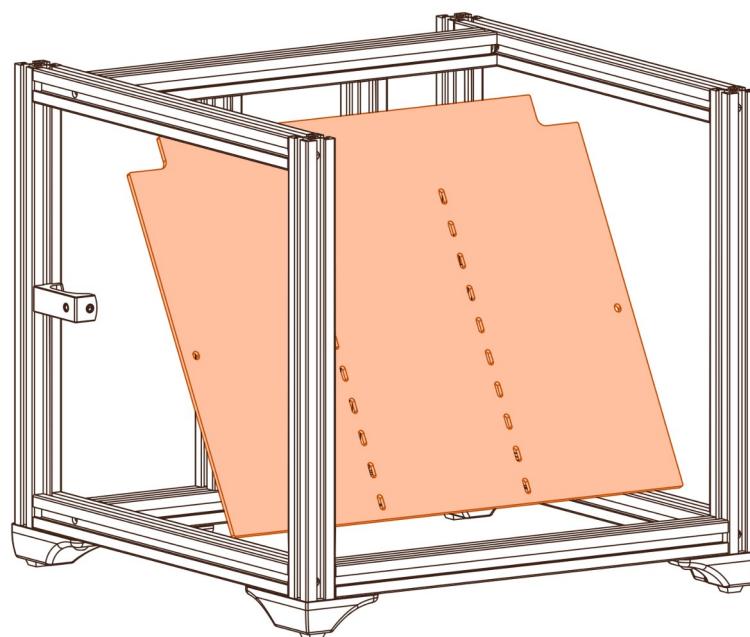
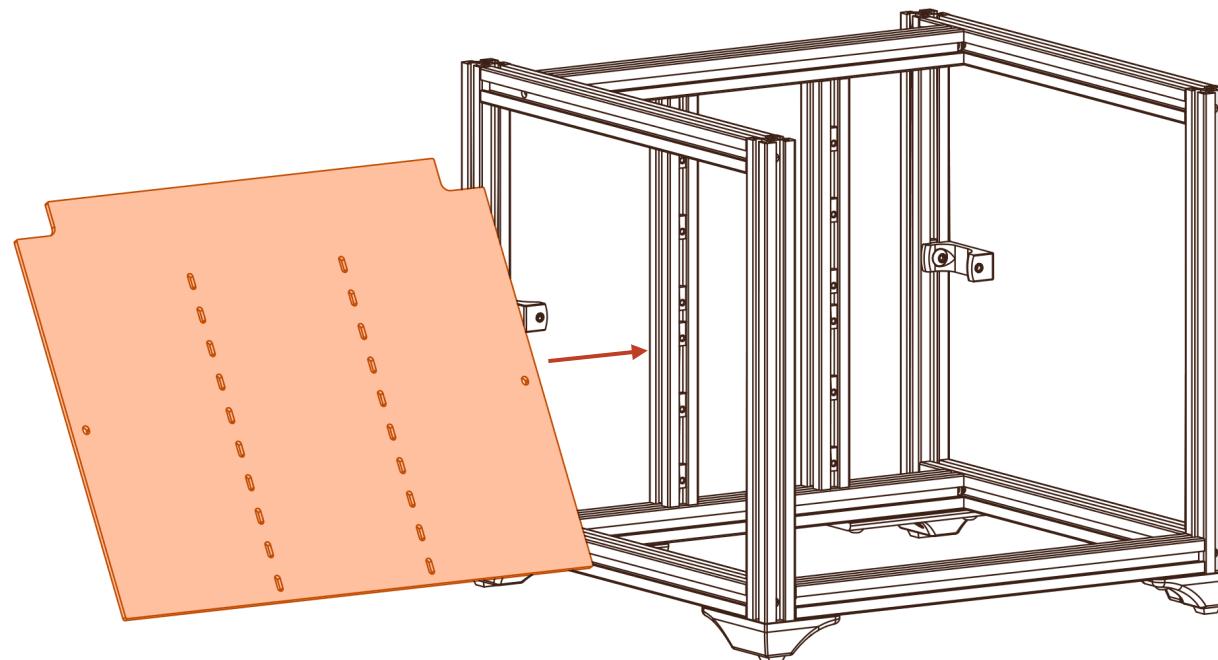
We will align these supports with the mid panel at a later step.
Their position at this time is not critical



GRAVITY IS YOUR FRIEND

Laying the printer on its back may help with the installation of the T-nuts





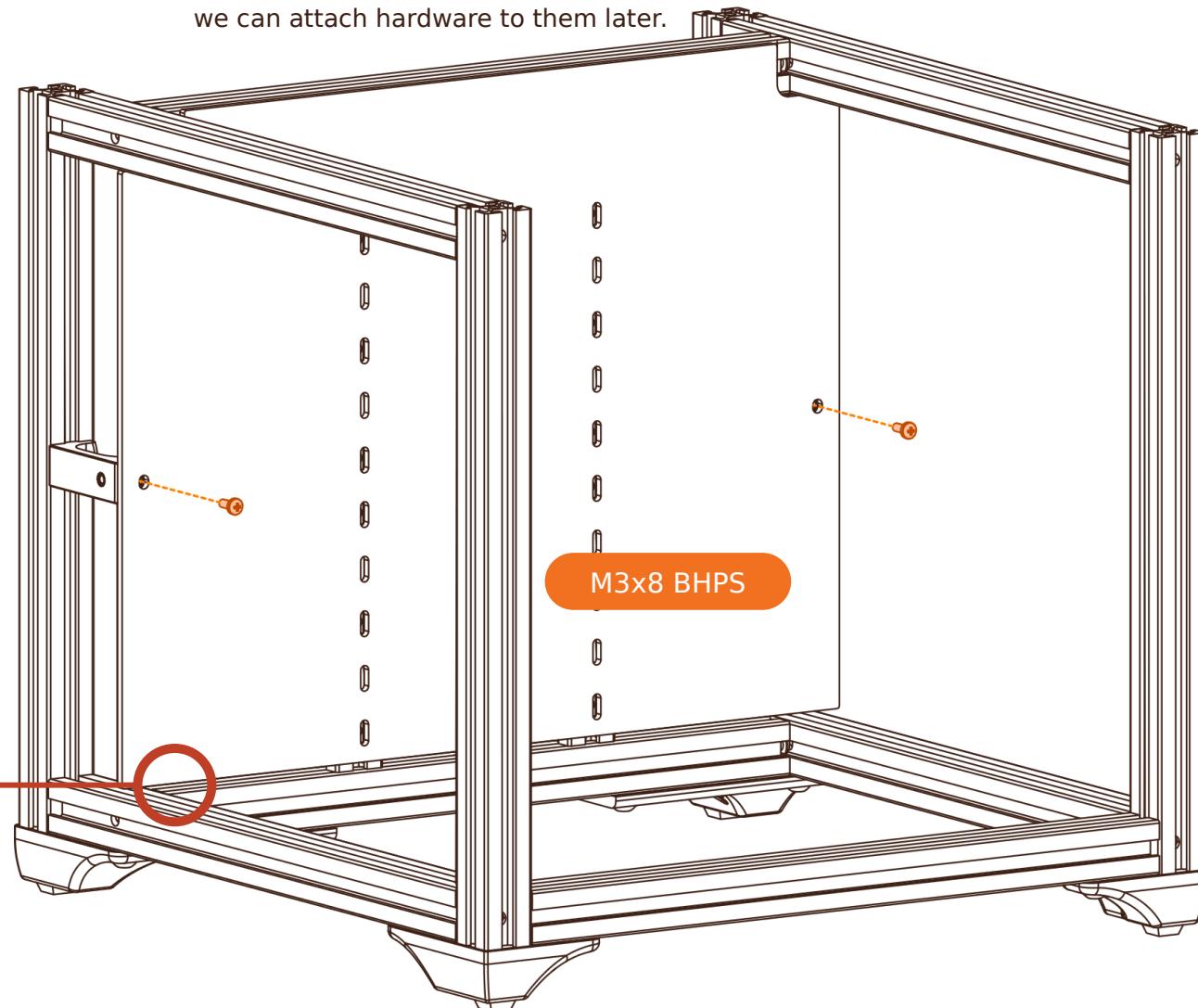
THINKING AHEAD

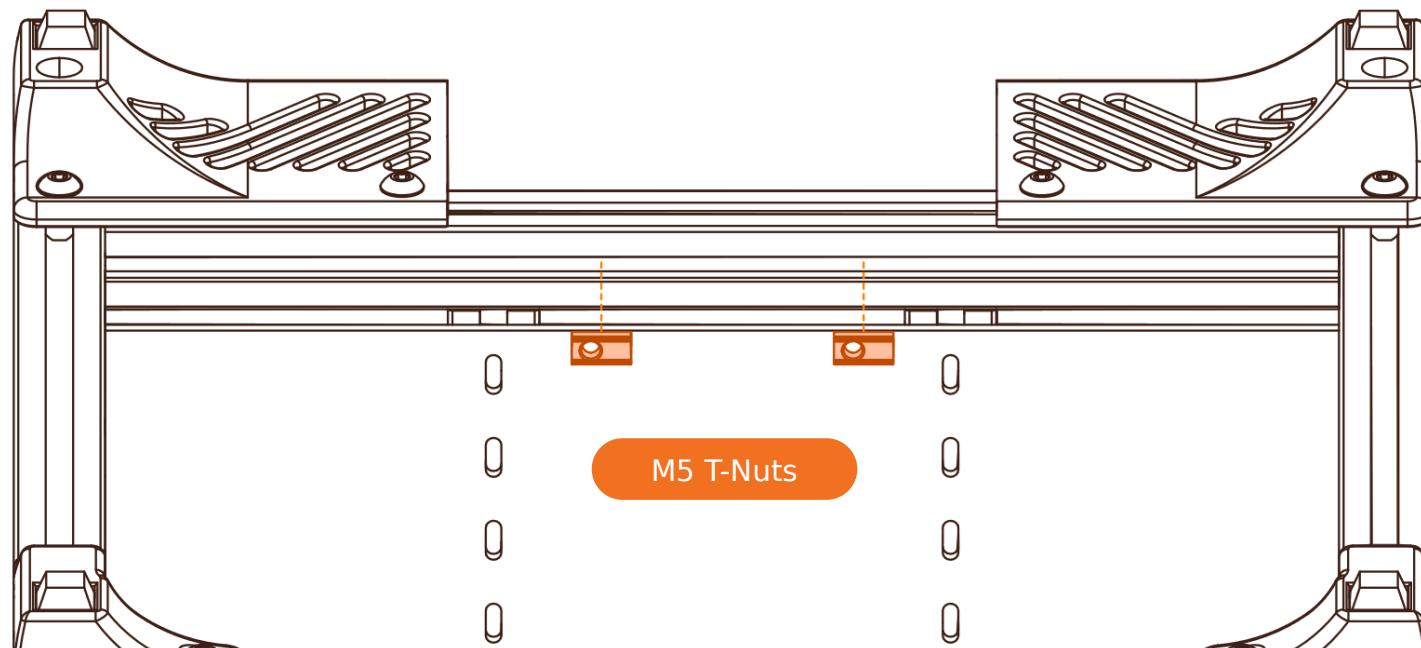
The T-nuts we installed two pages ago need to be aligned with the holes in this panel. Now is a good time to make sure they are positioned correctly so we can attach hardware to them later.

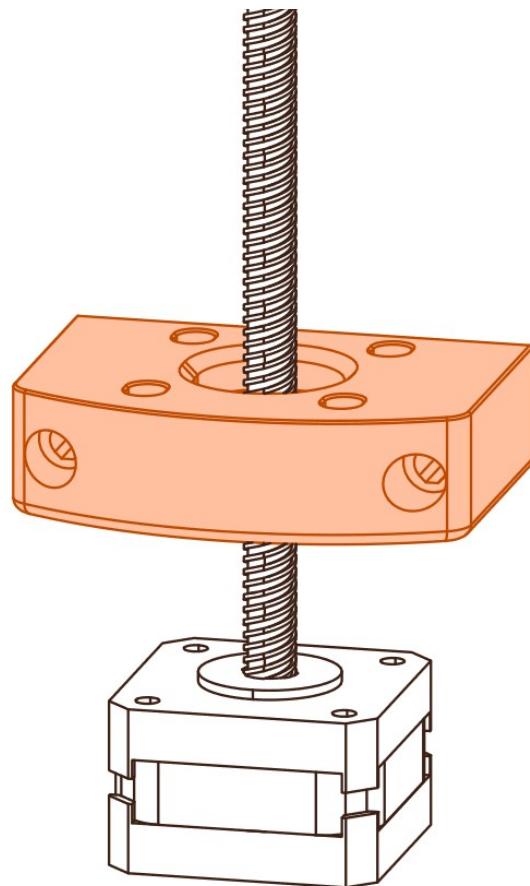
PANEL ALIGNMENT

The panel should be aligned all the way to the top. There will be a ~3mm gap between the bottom of the panel and the frame. This leaves room for the deck panel to be installed.

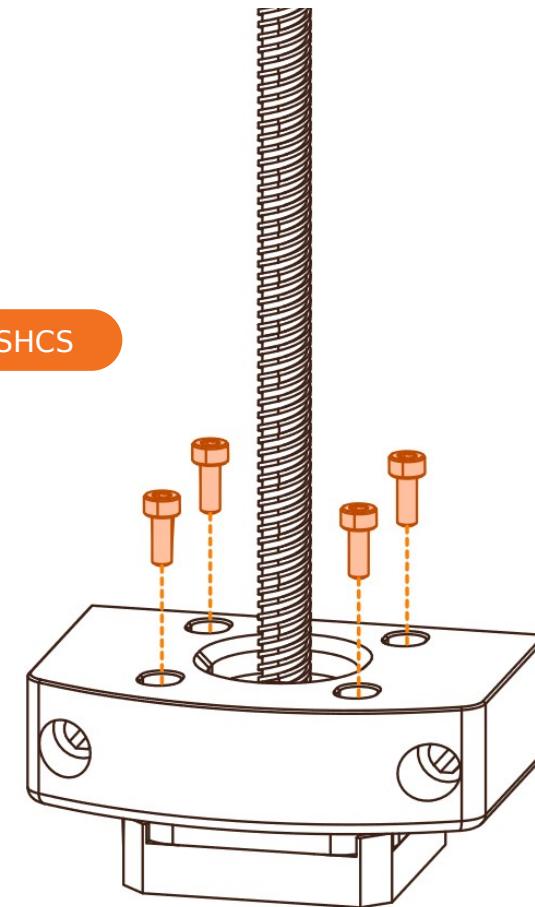
You can loosen the mid panel supports to adjust them up and down to align properly with the screw holes.





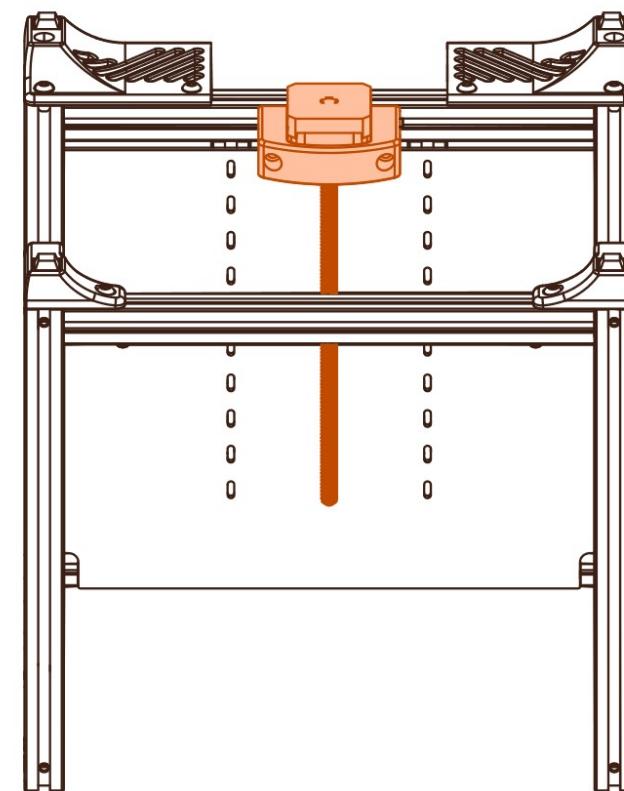
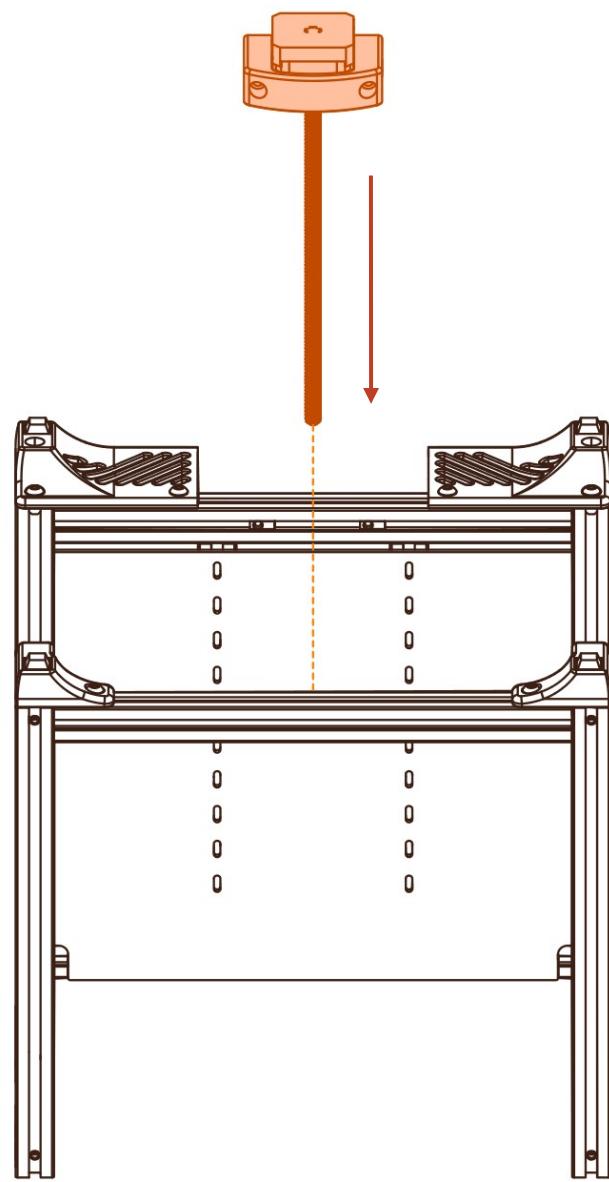


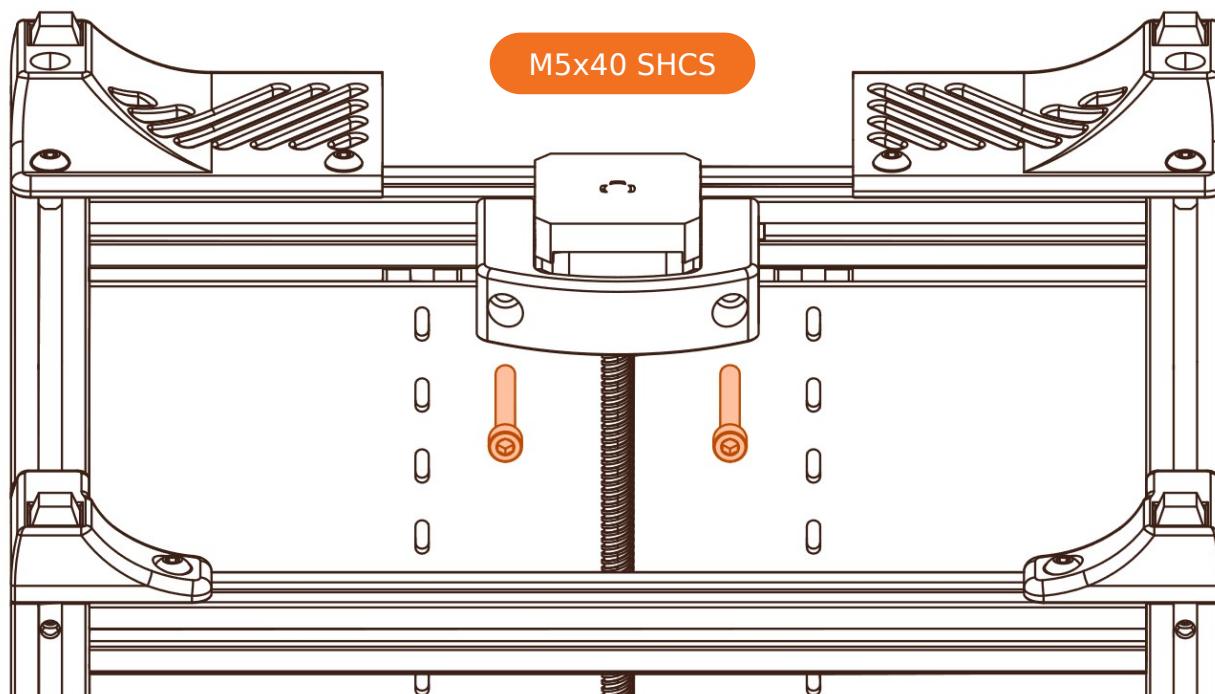
M3x8 SHCS

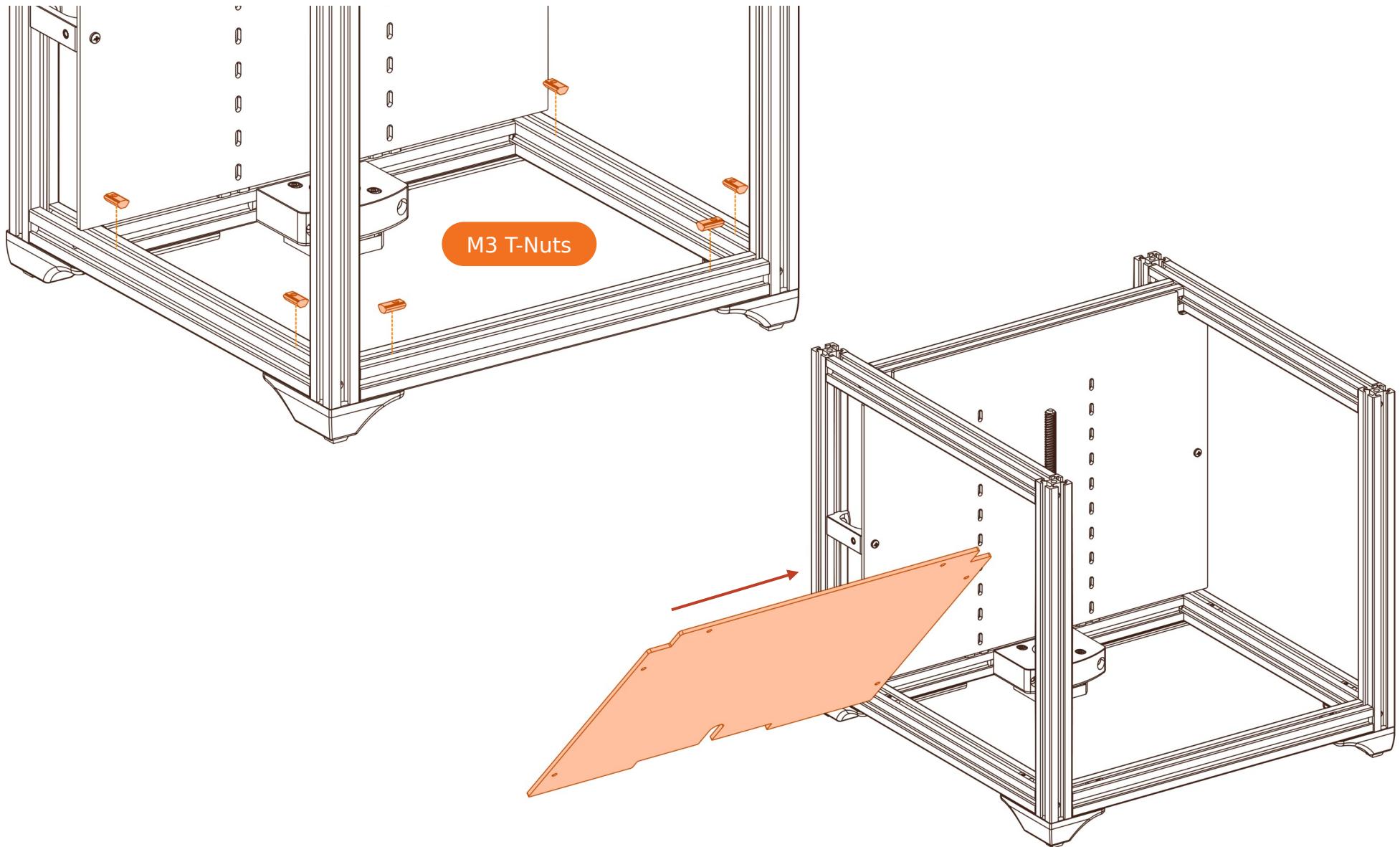


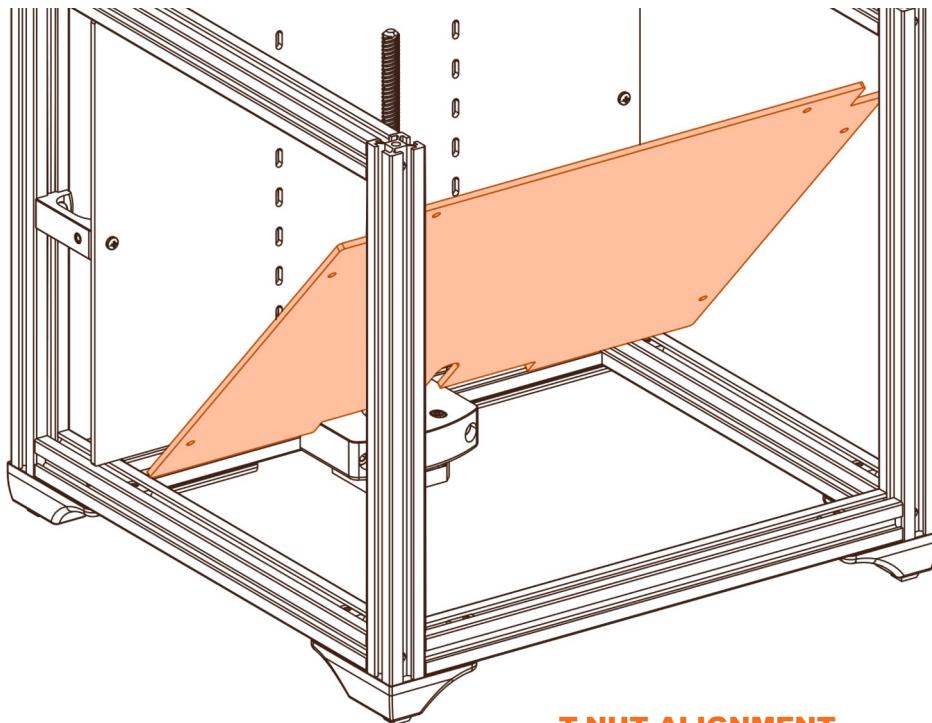
Z MOTOR

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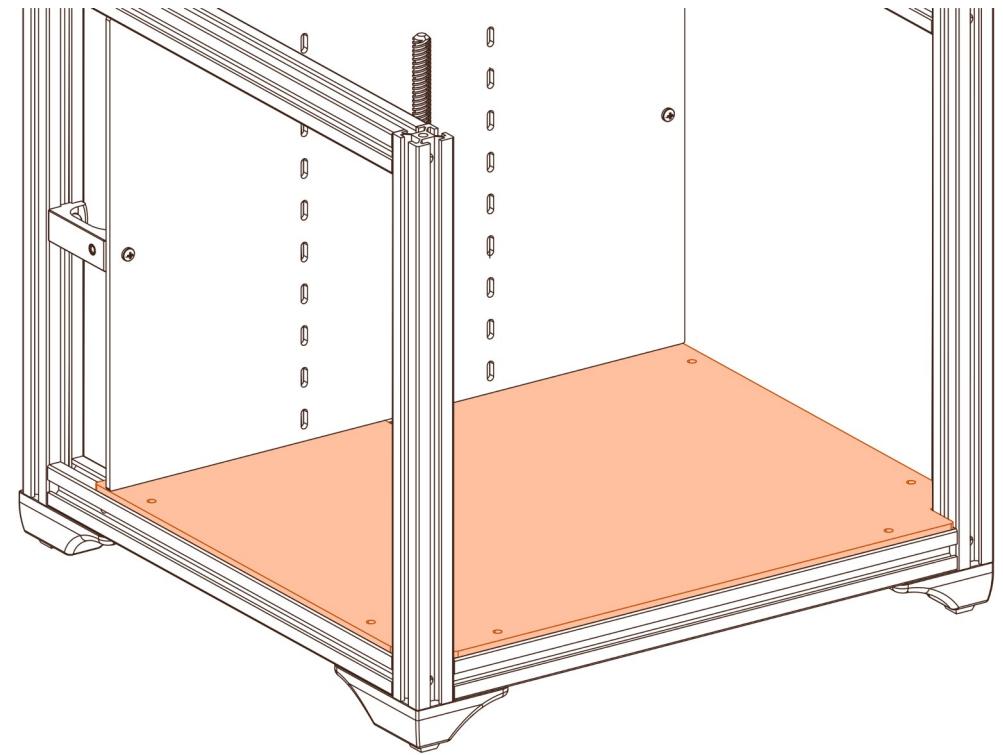


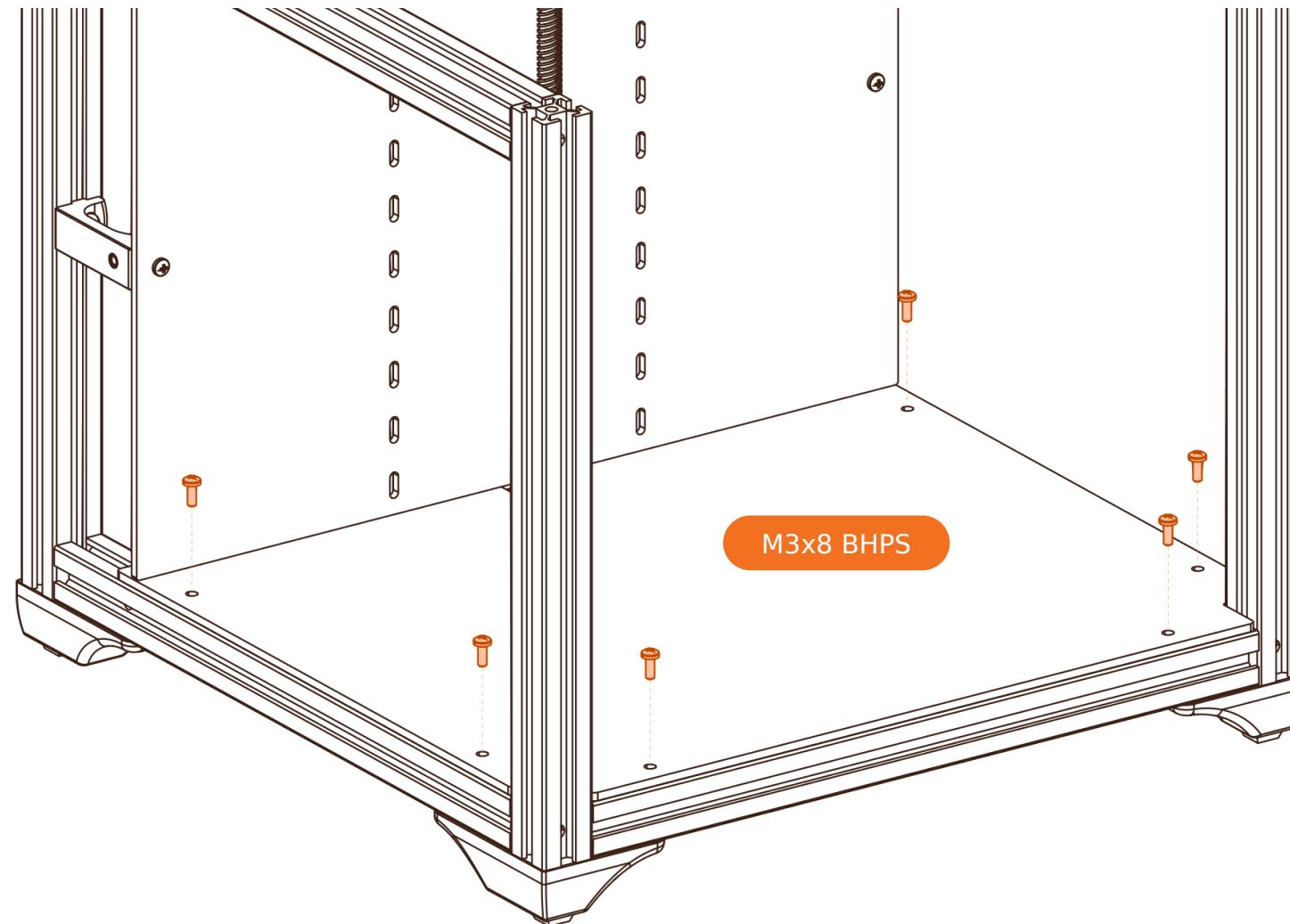




T-NUT ALIGNMENT

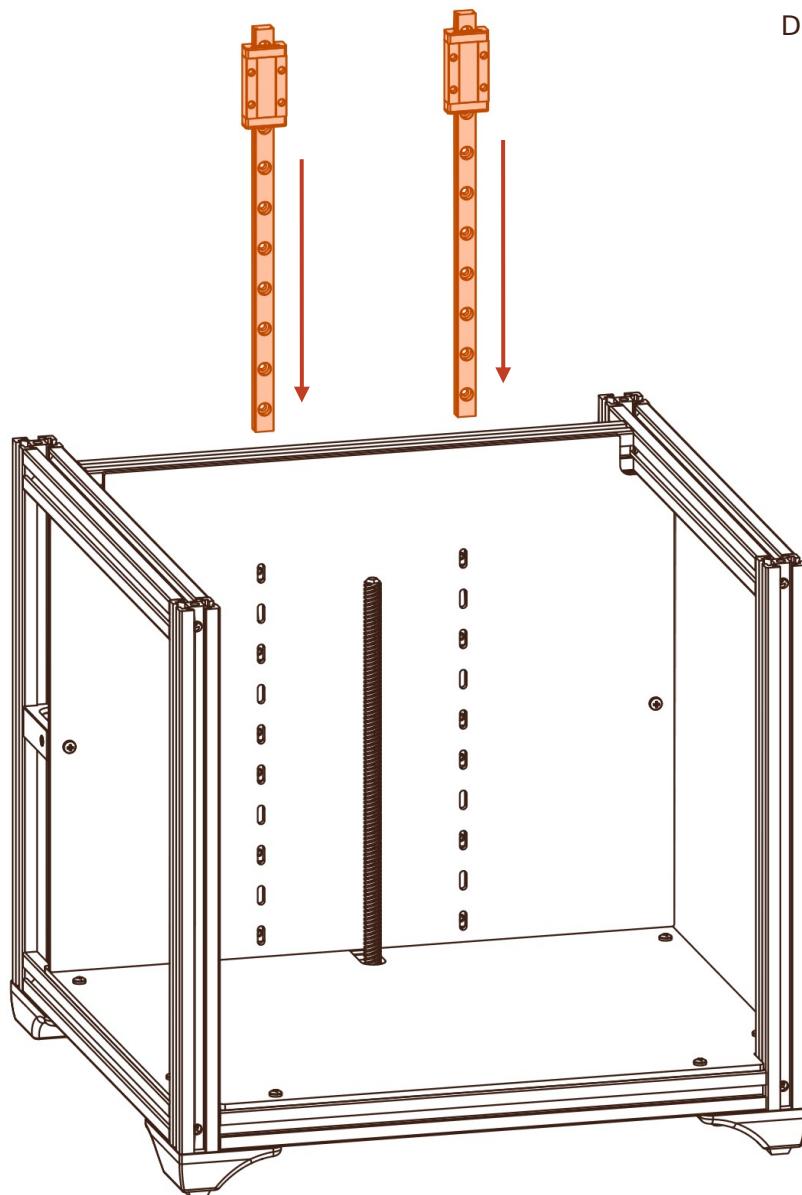
The T-nuts we installed need to be aligned with the holes in this panel. Holding the edge of the panel up to the T slot can make ensuring the correct spacing for the t nuts easier.



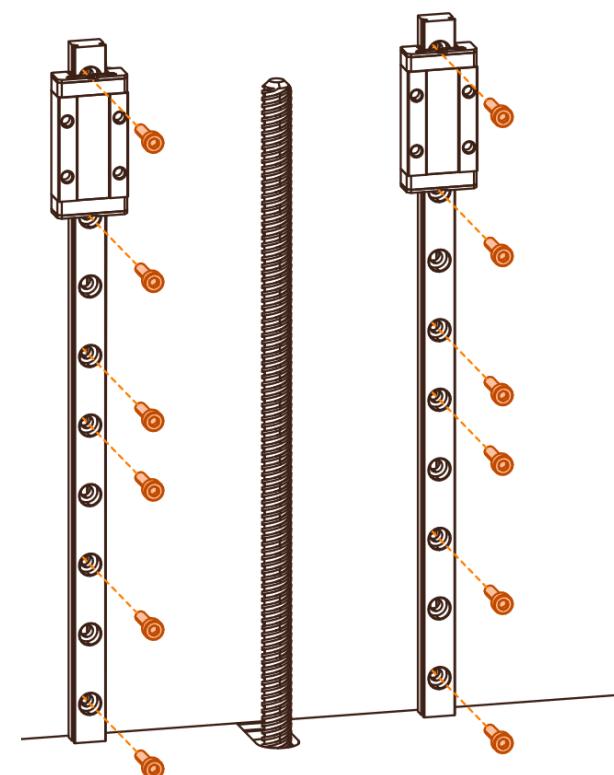


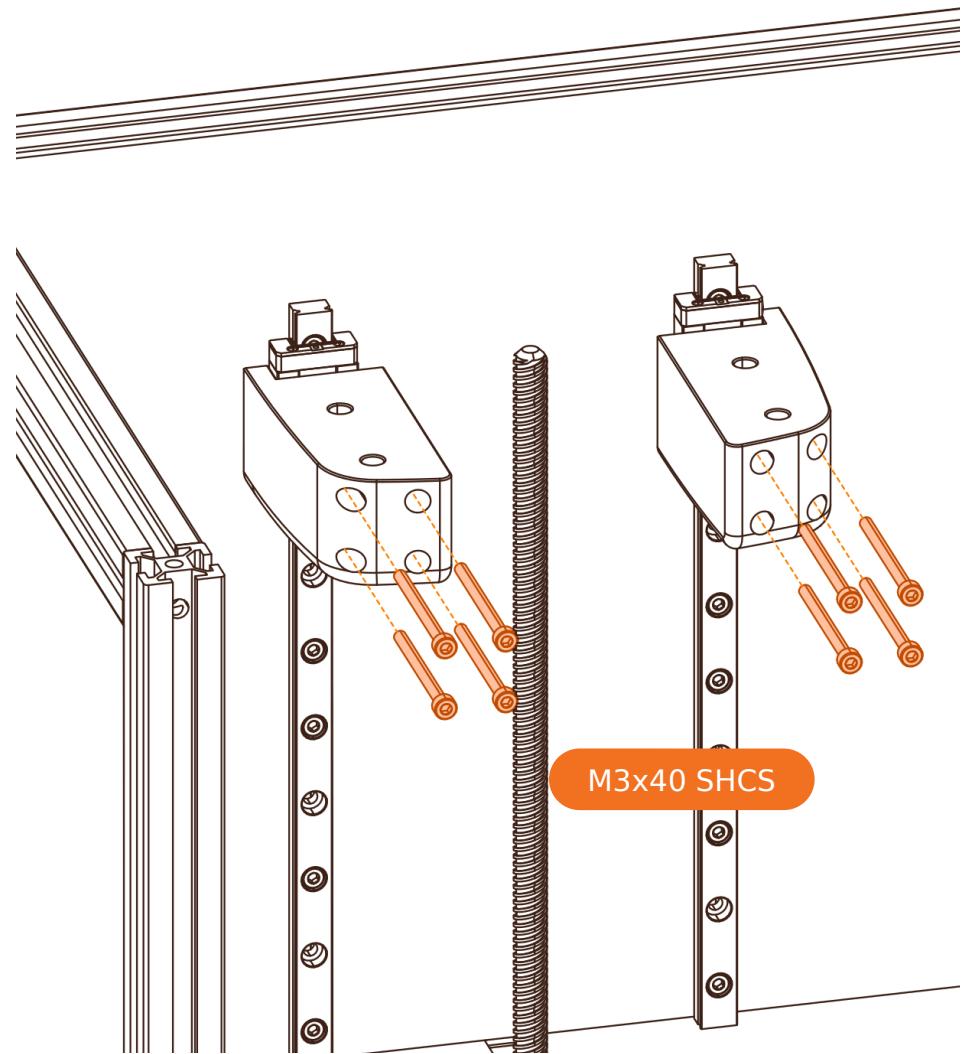
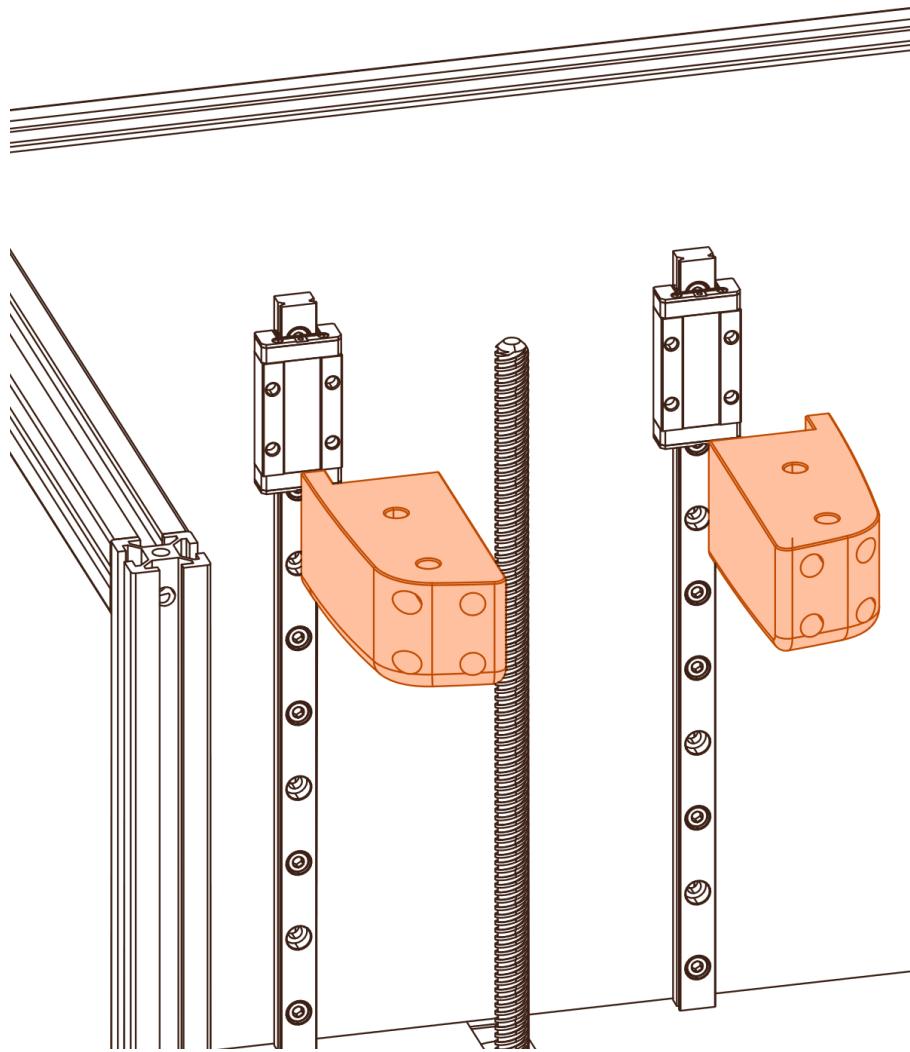
CARRIAGE MINDFULNESS

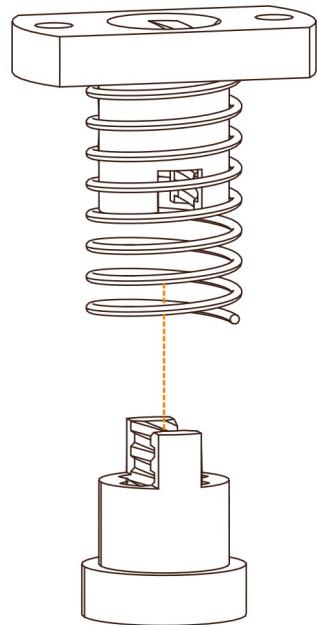
Dont drop the carriages note.



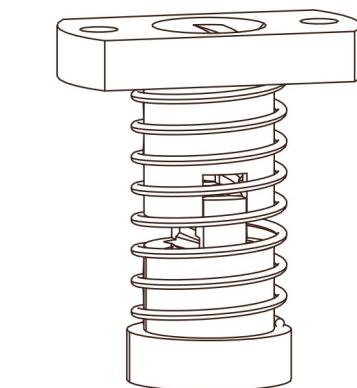
M3x10 SHCS



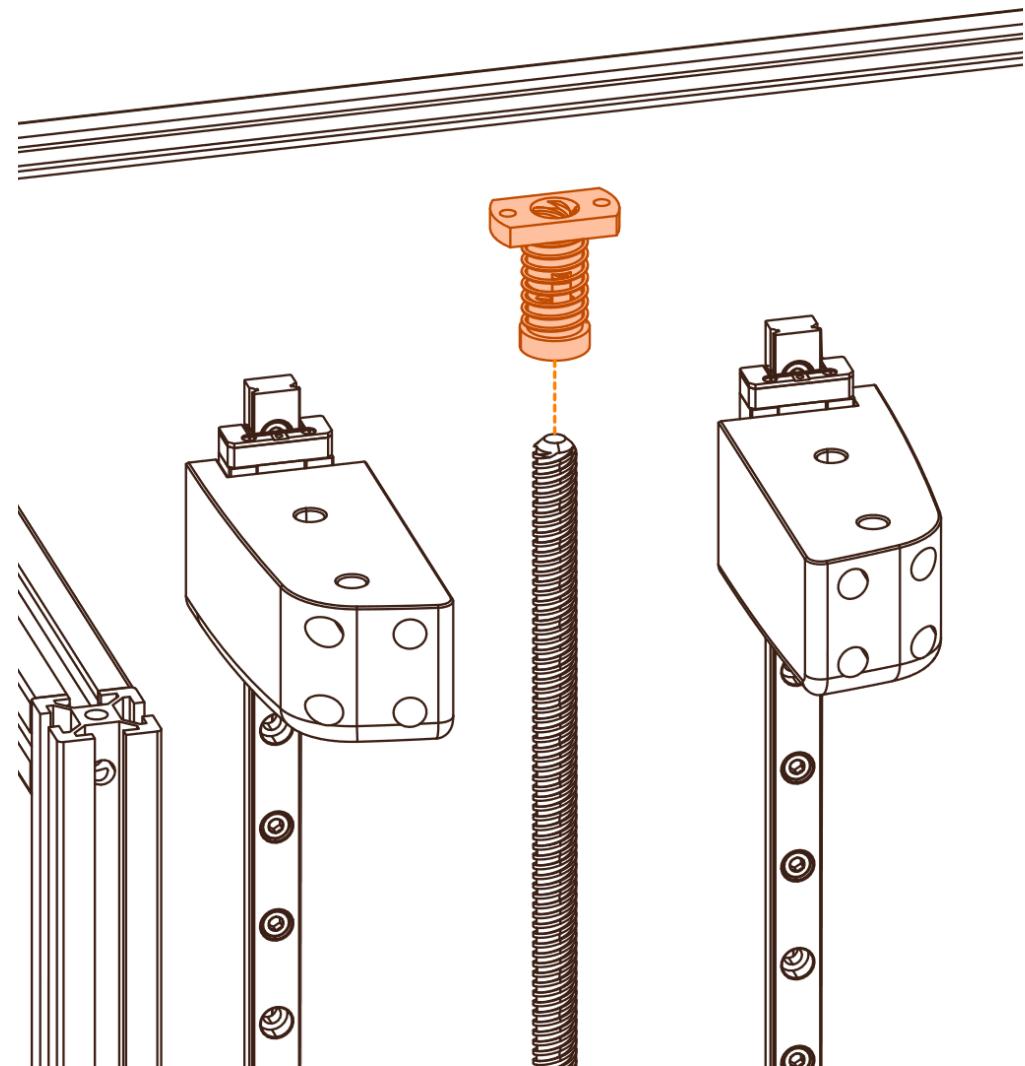




ANTI BACKLASH NUT
Note for nut assembly

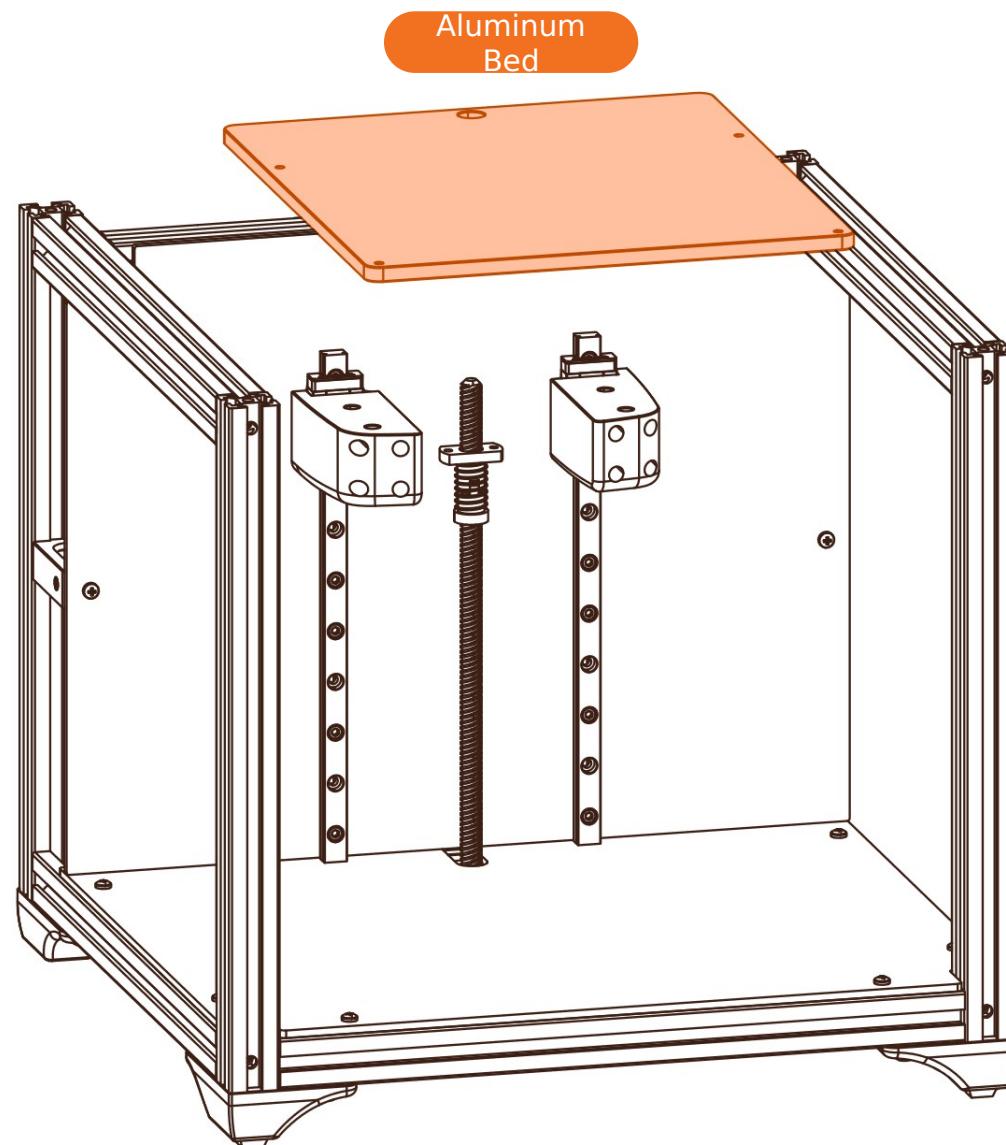


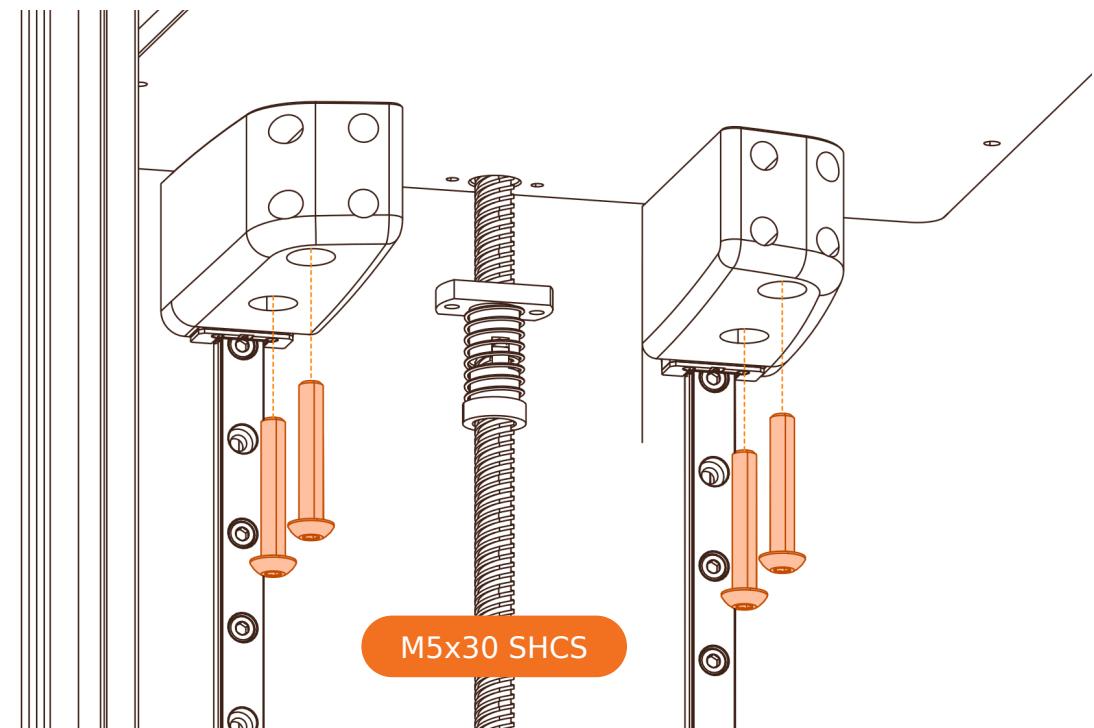
QR CODE



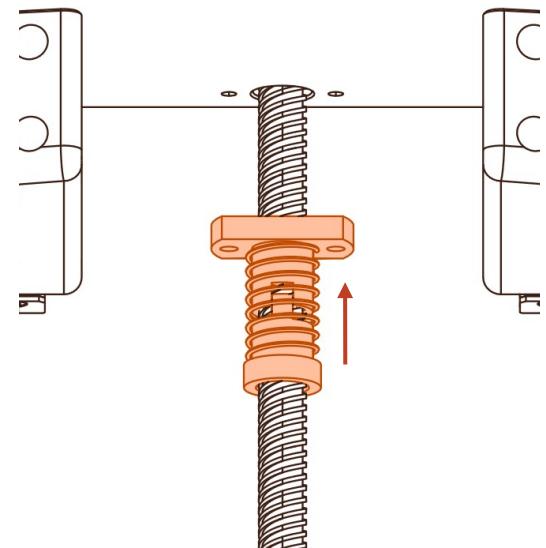
BED PREP

The bed has film remove it note





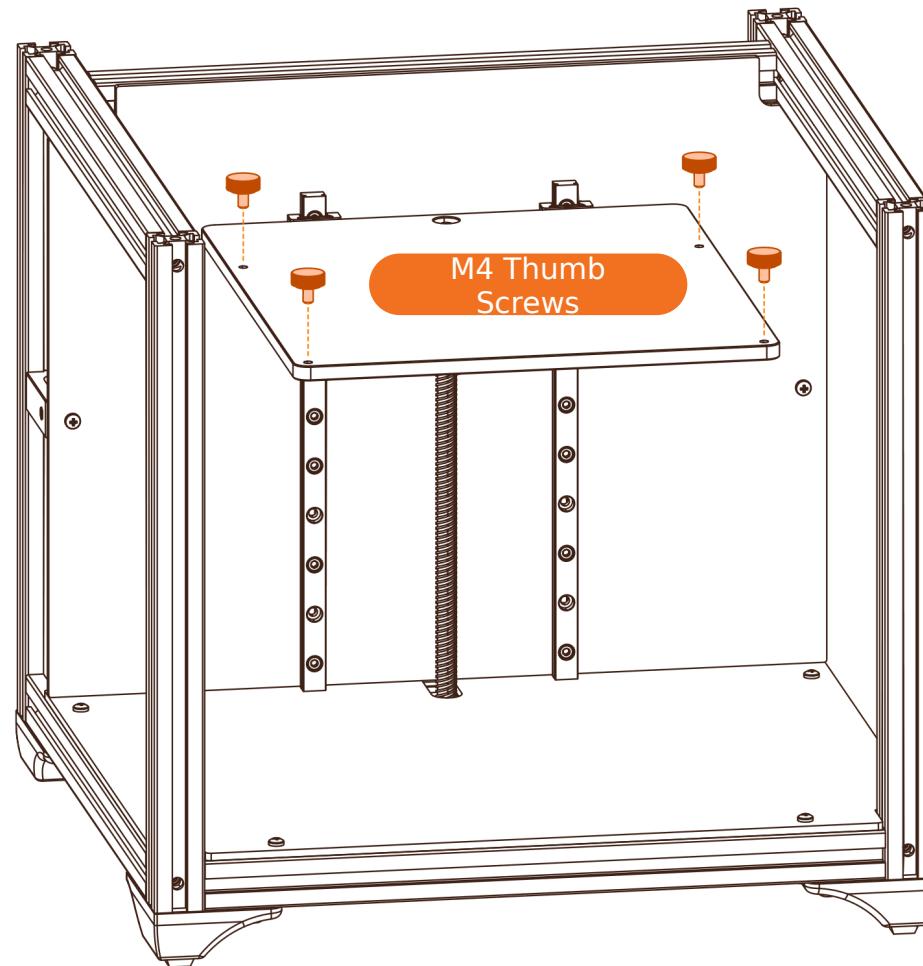
M5x30 SHCS

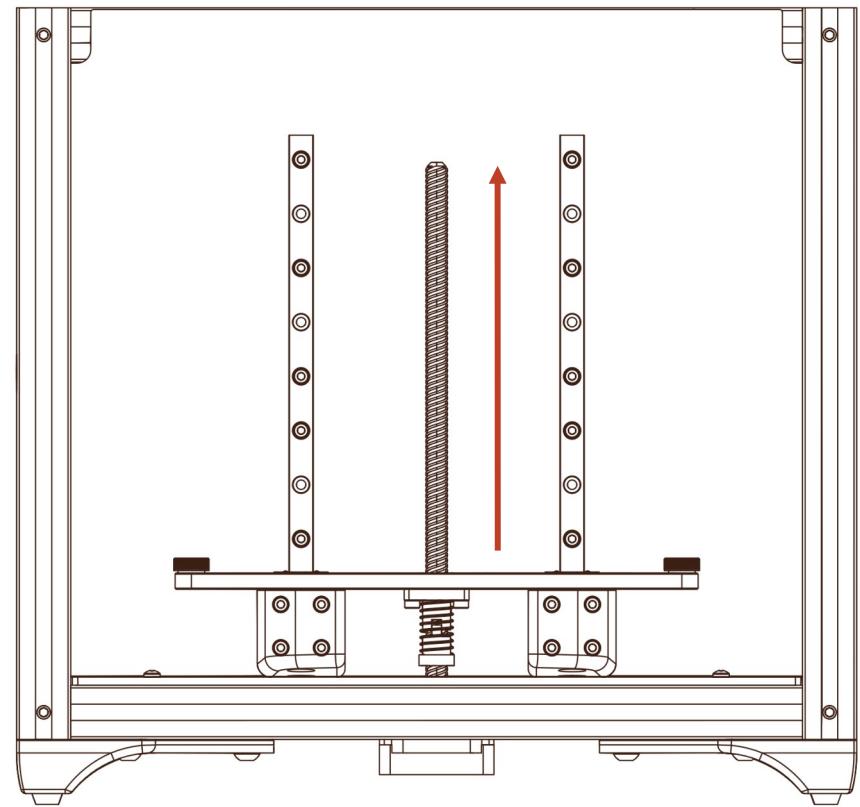
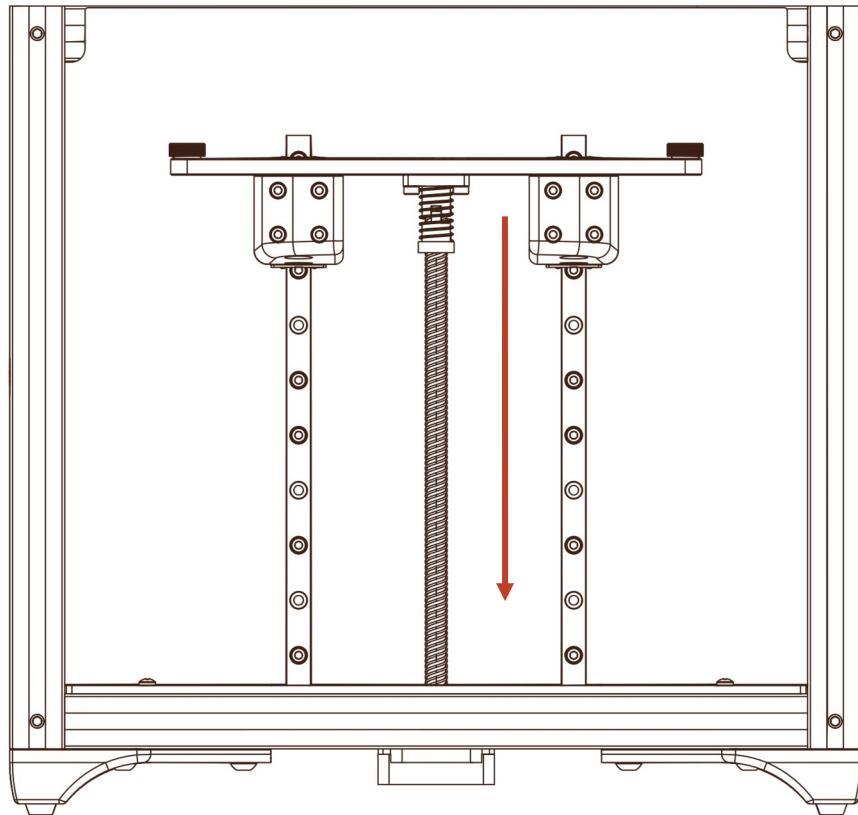


M3x8 SHCS

BUILD SURFACE

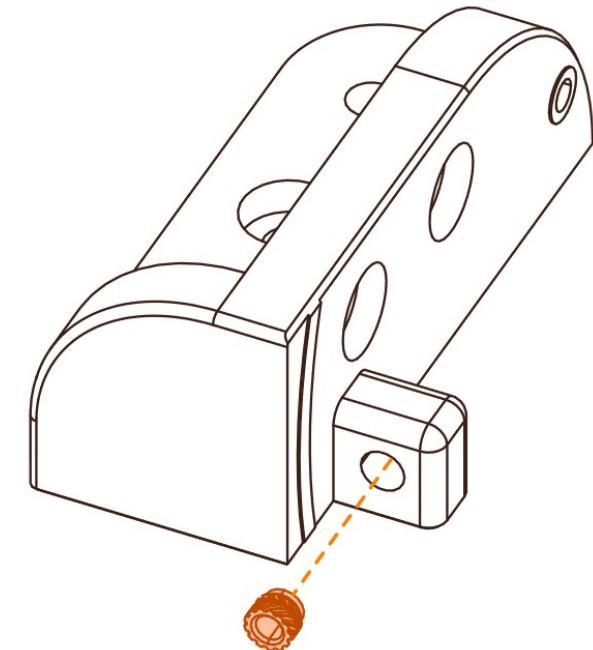
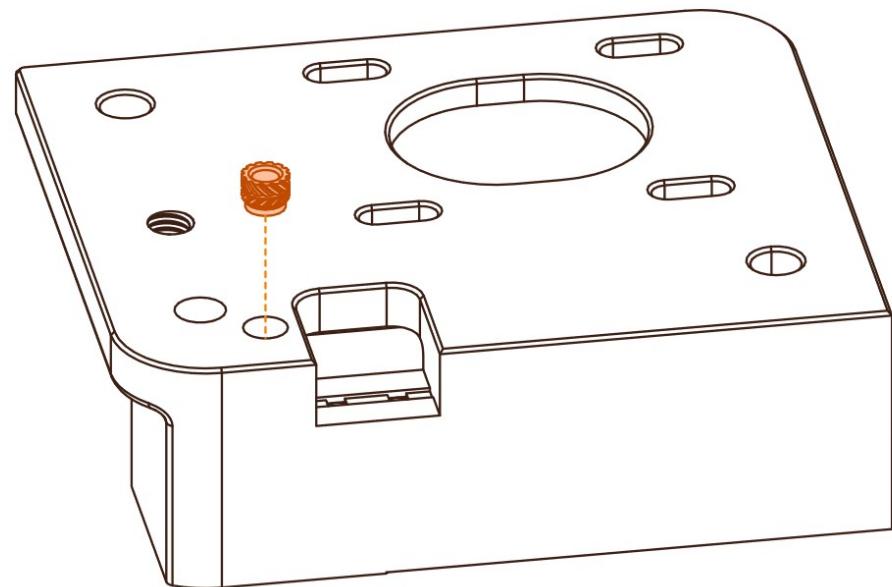
You can install the silicone build mat now



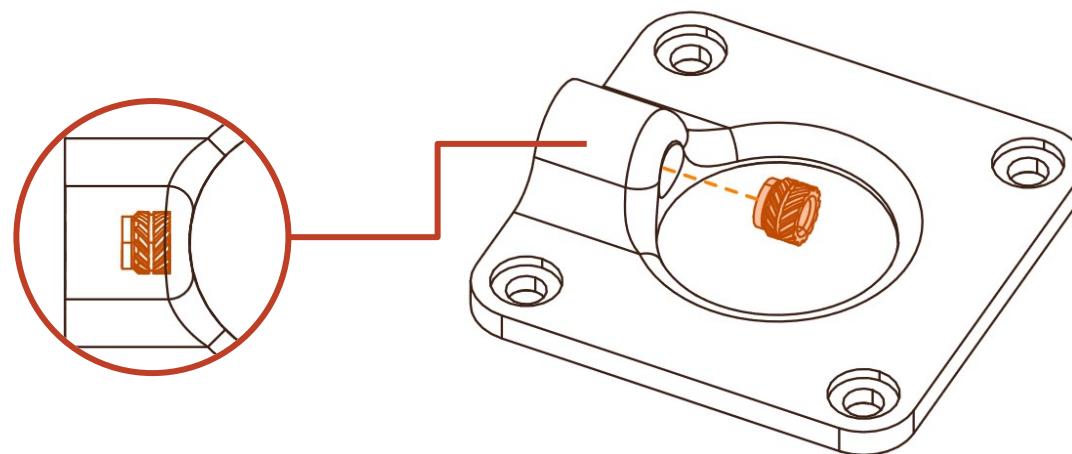


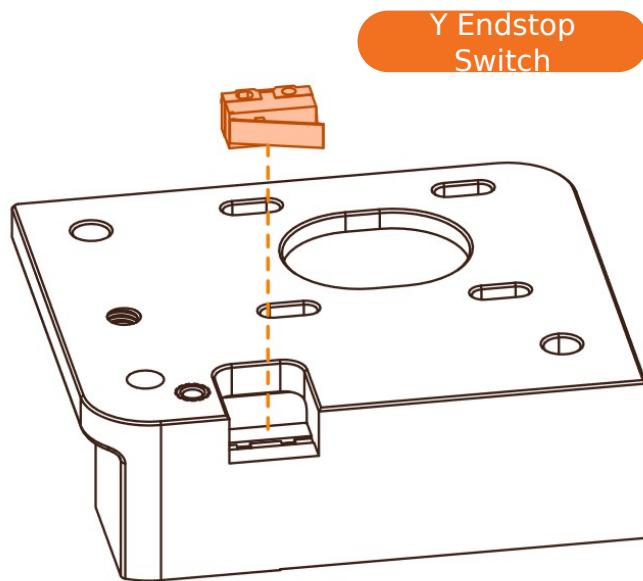
ALIGNMENT

Note for nut assembly

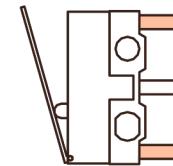


M3 Heatset
Inserts





Y Endstop
Switch



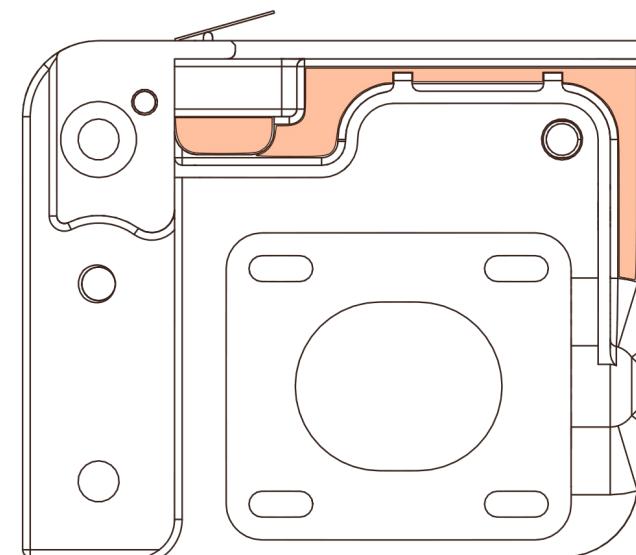
WIRING

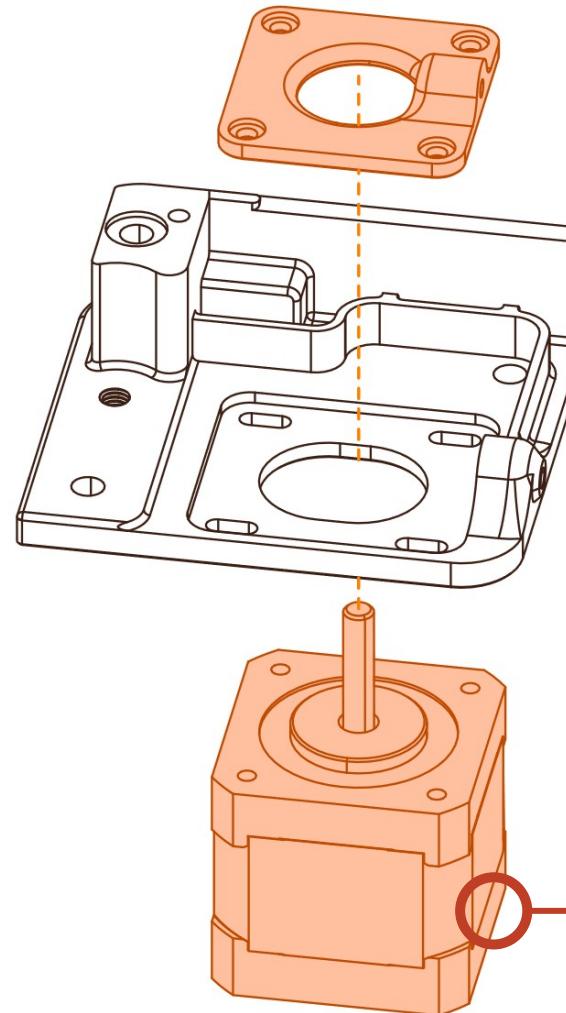
Note for nut assembly



M2 Self Tapping
Screws

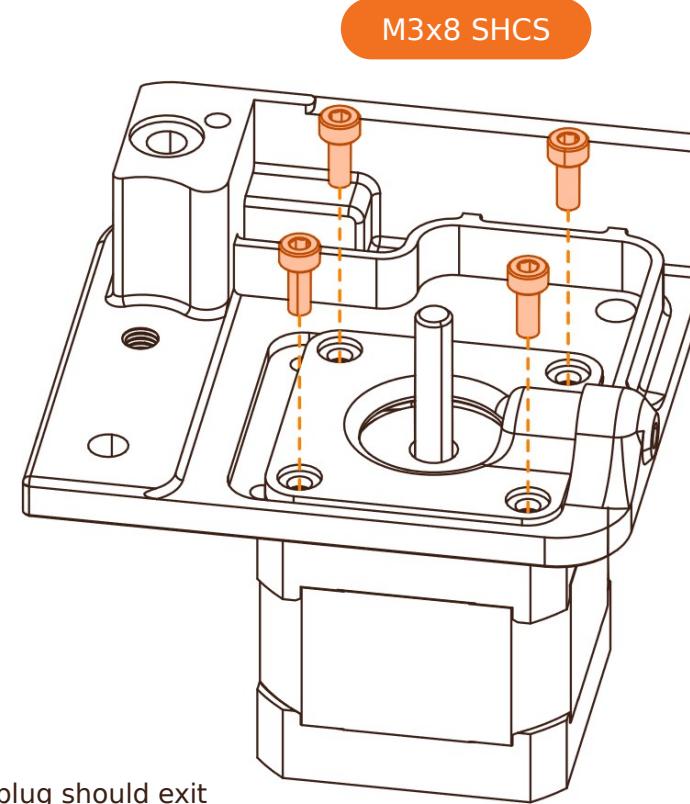
WIRE PATH
Note for nut assembly

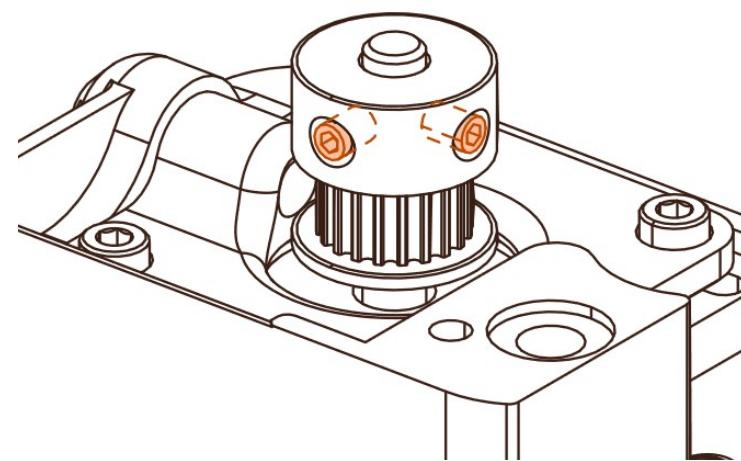
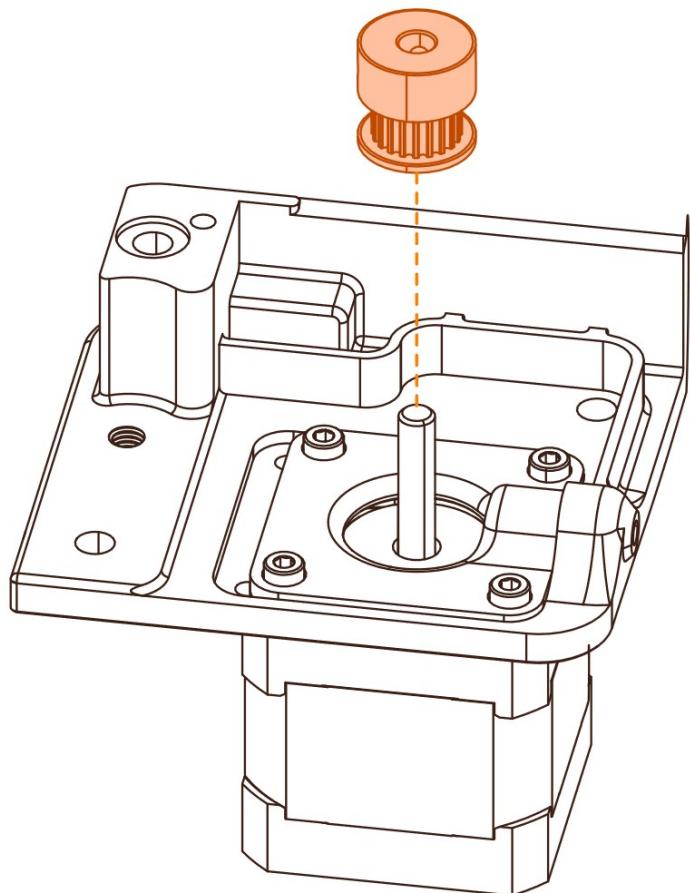




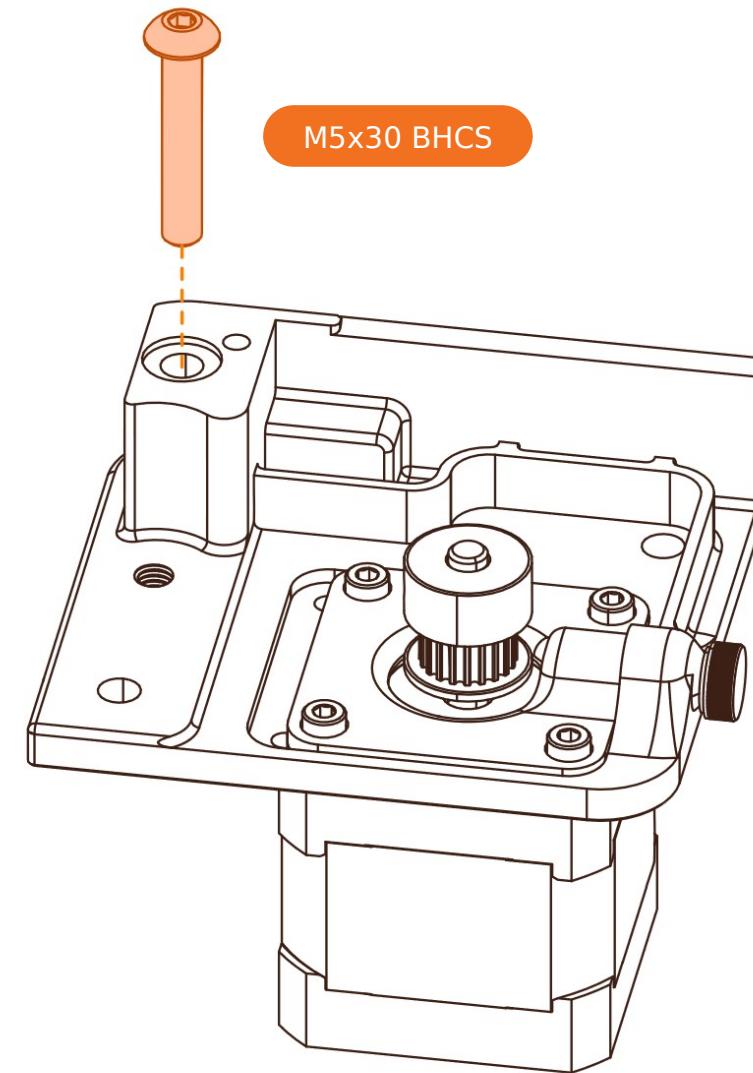
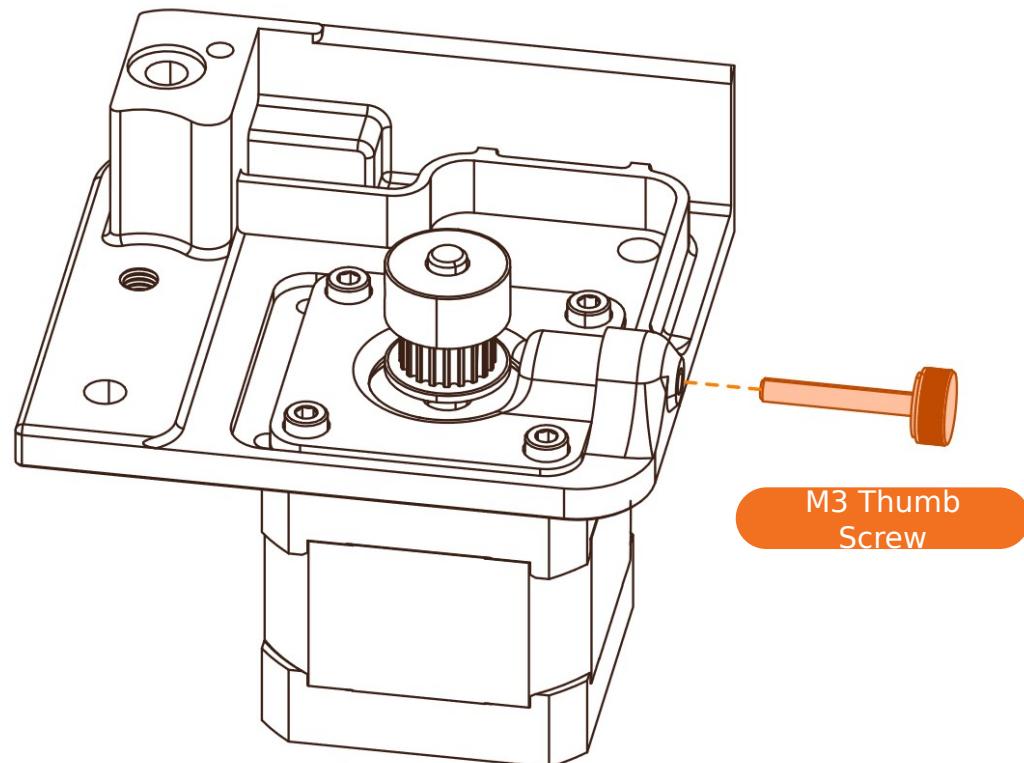
MOTOR WIRING

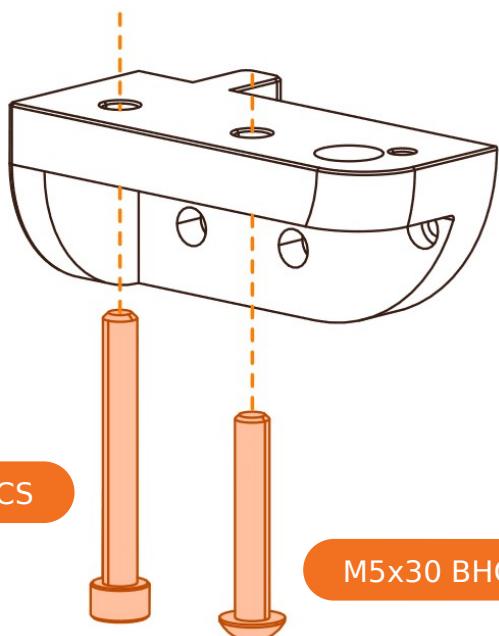
The motor wiring plug should exit from here, towards the center of the machine when the drive unit is installed.





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M5 Washer

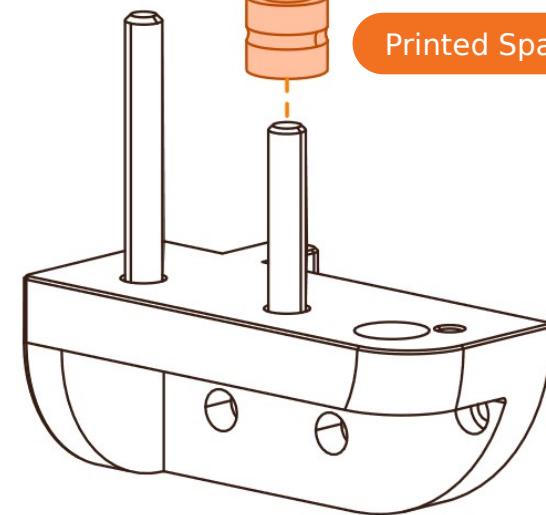
F695
Bearing

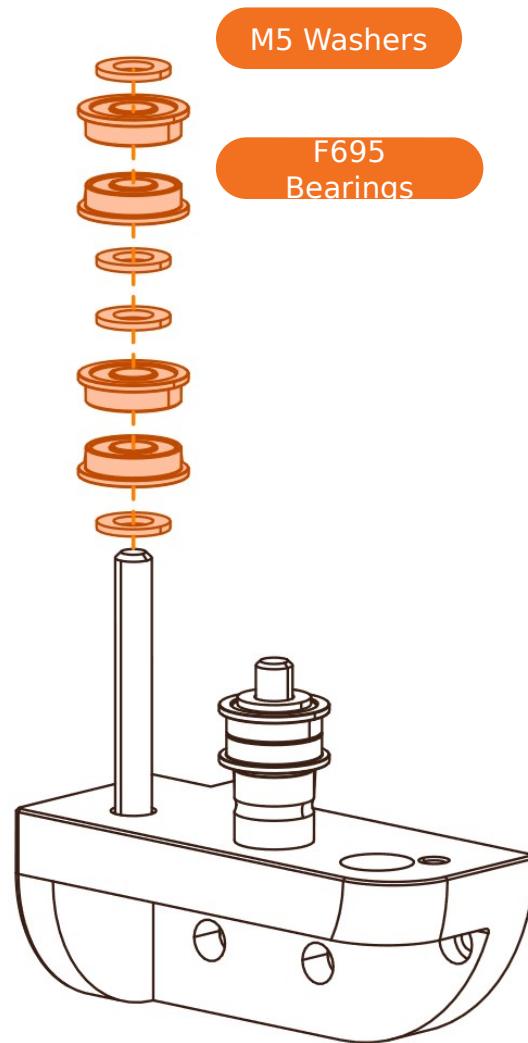
F695
Bearing

M5 Washer

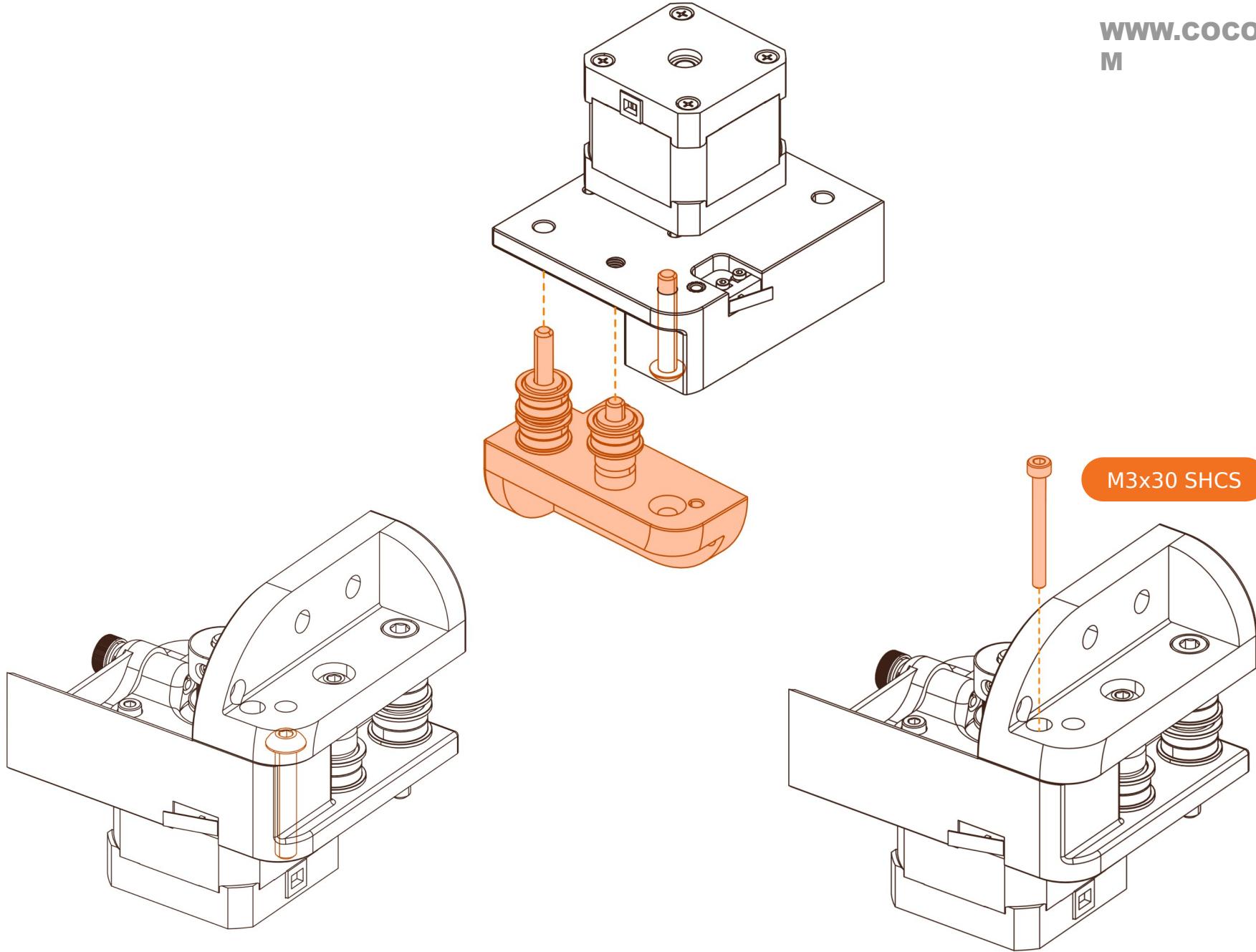


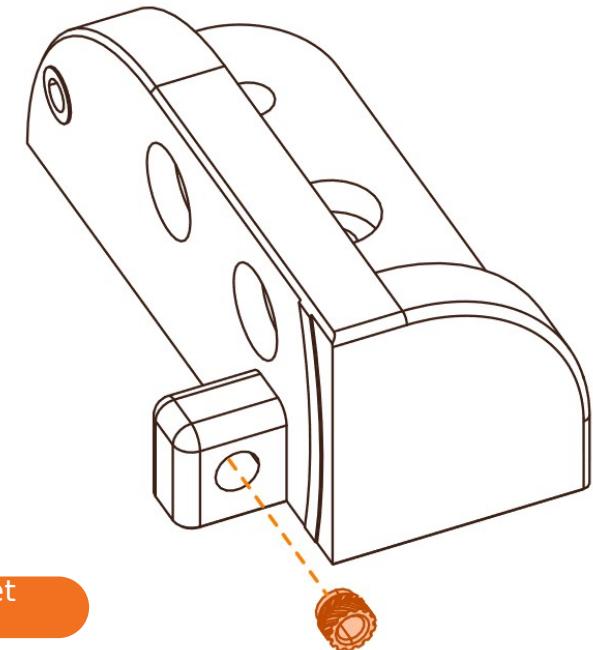
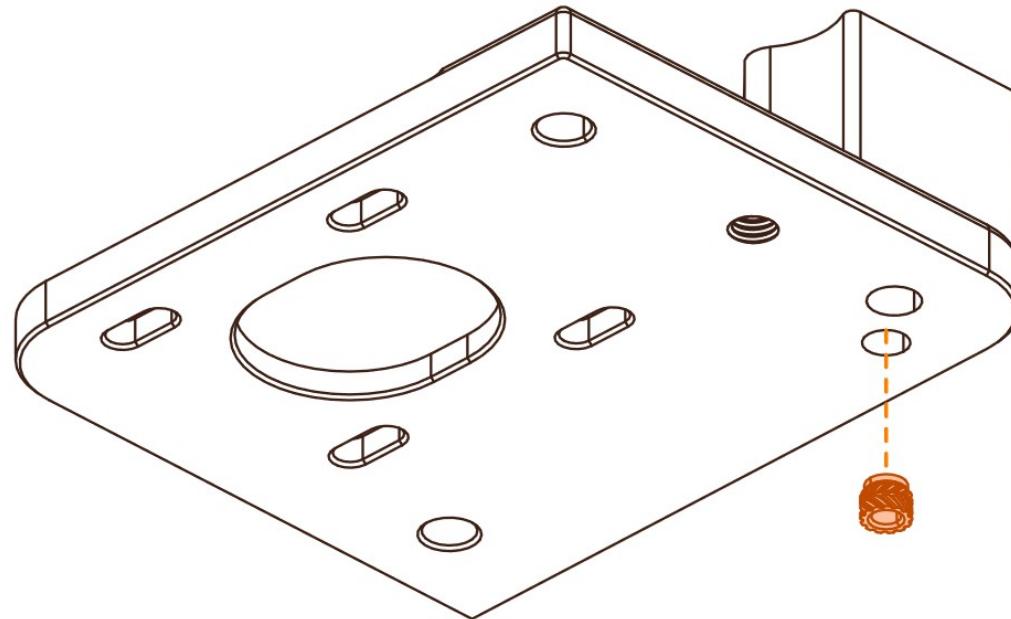
Printed Spacer



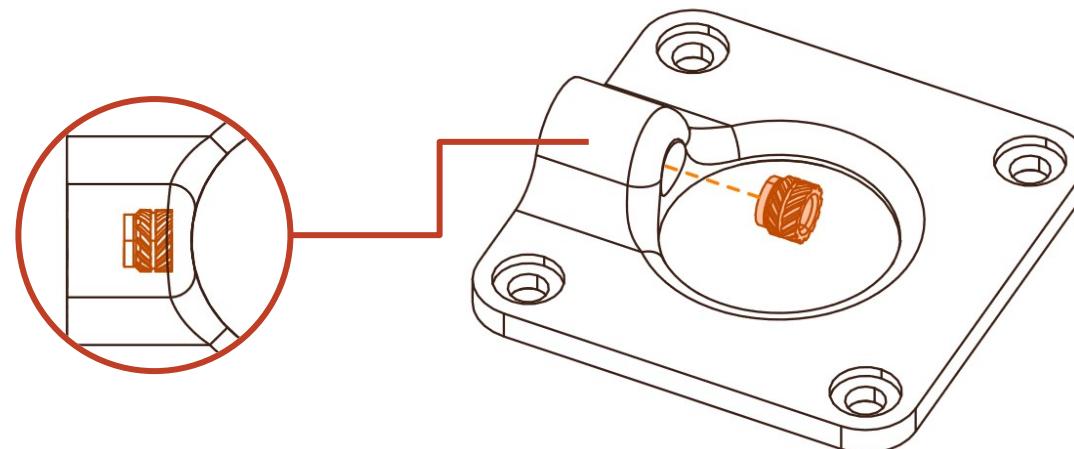


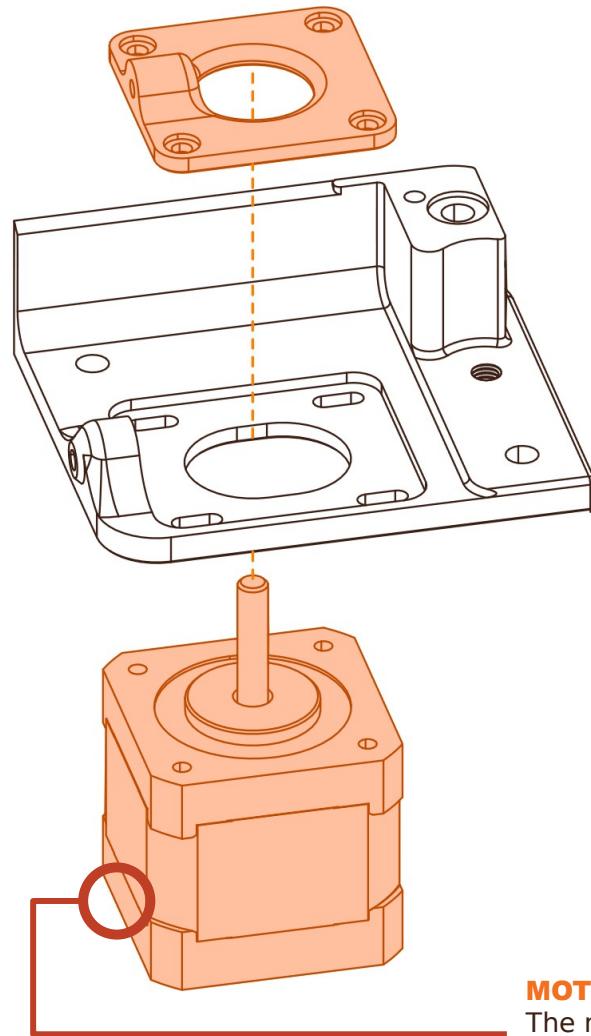
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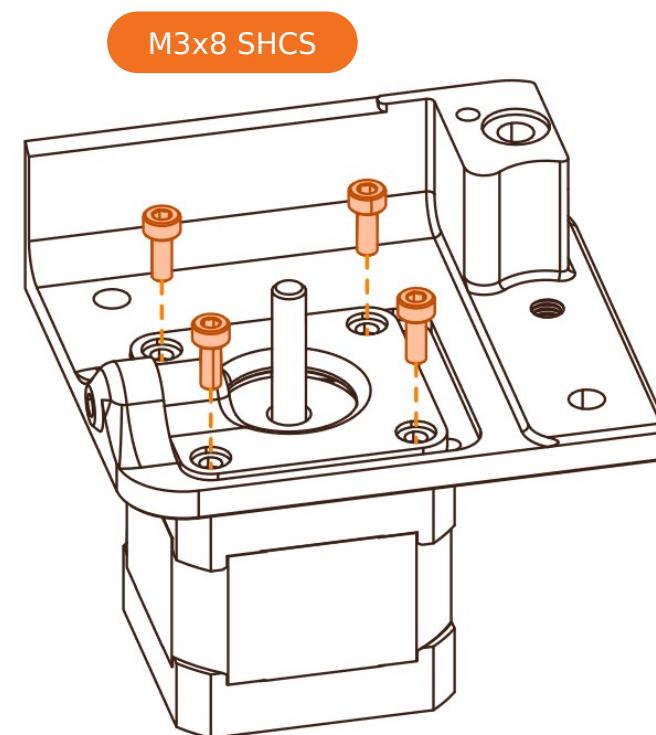
M3 Heatset
Inserts

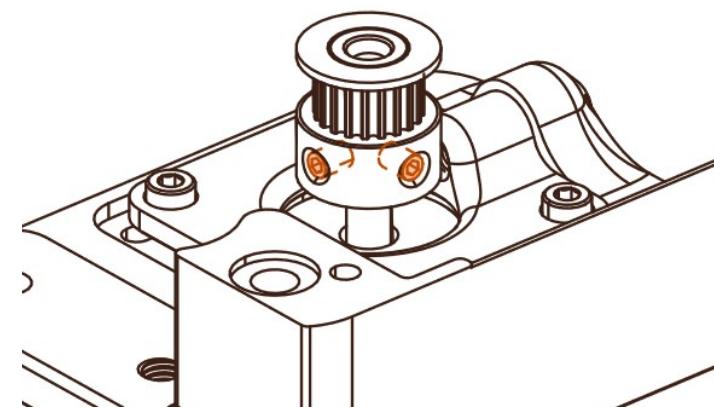
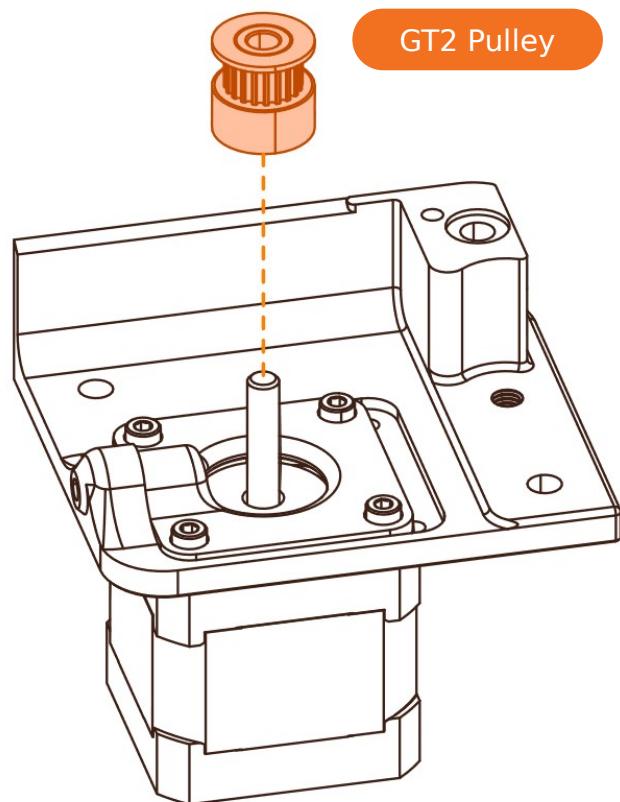


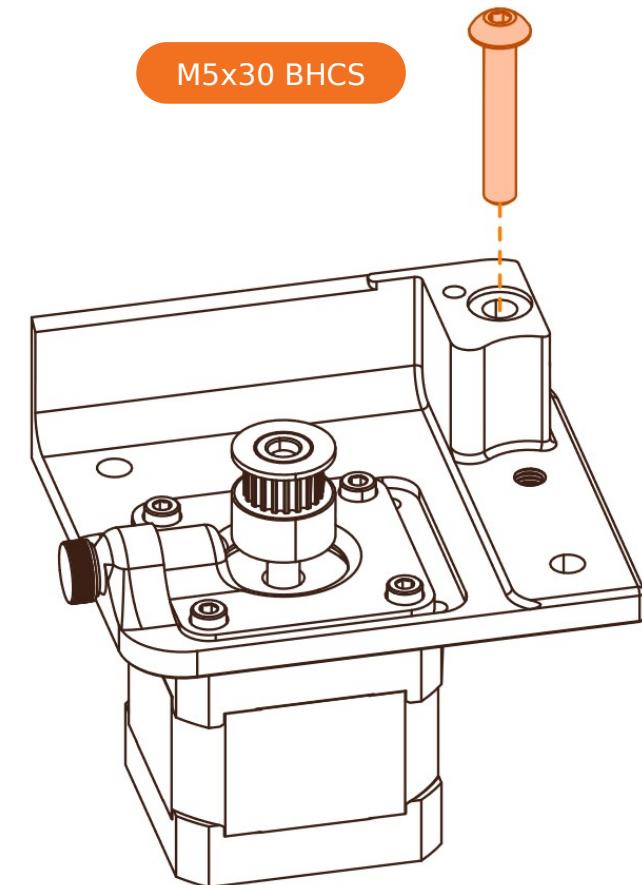
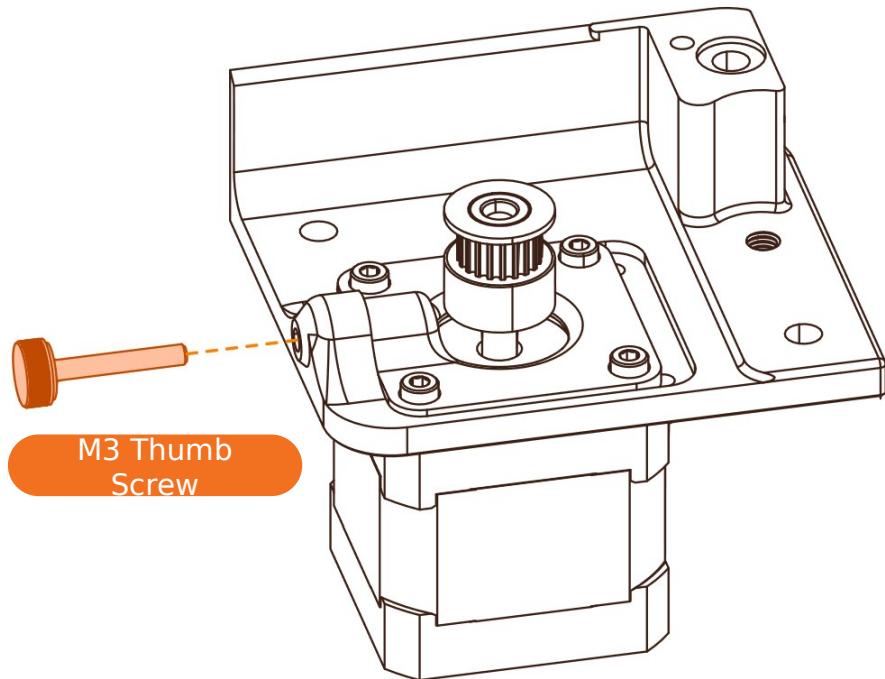


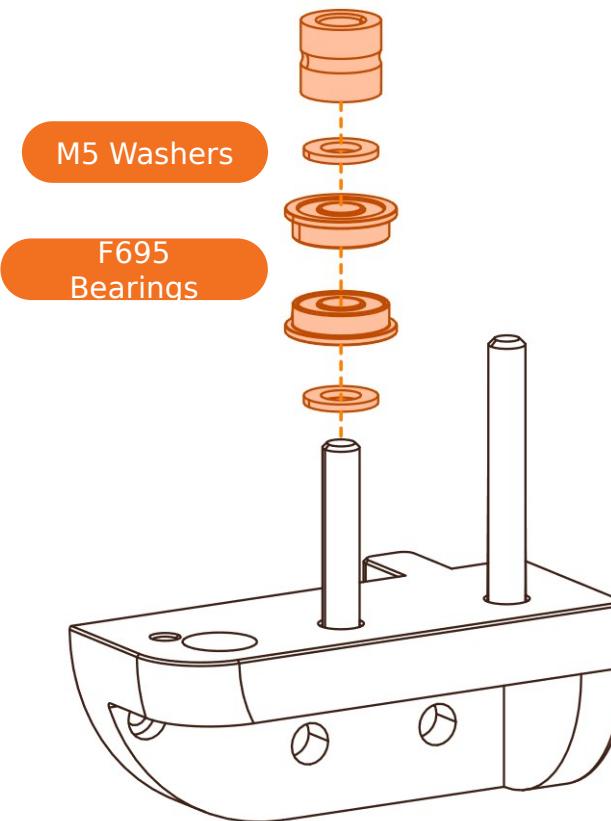
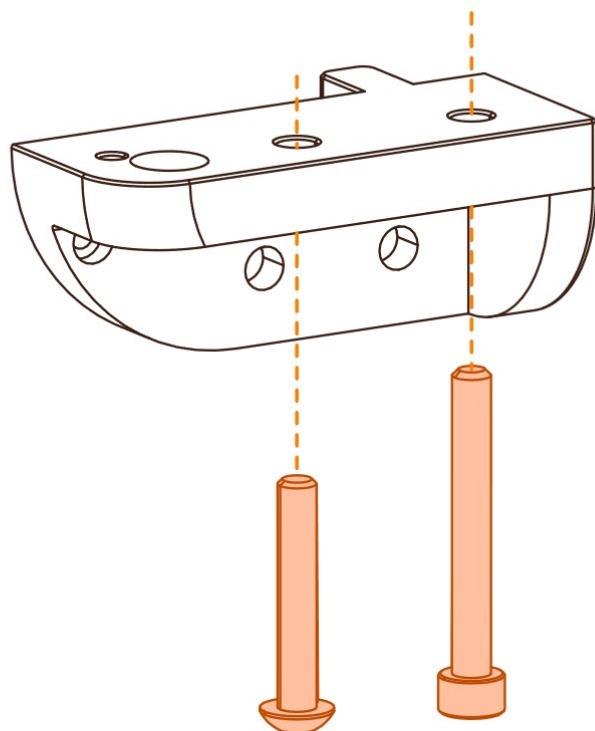
MOTOR WIRING

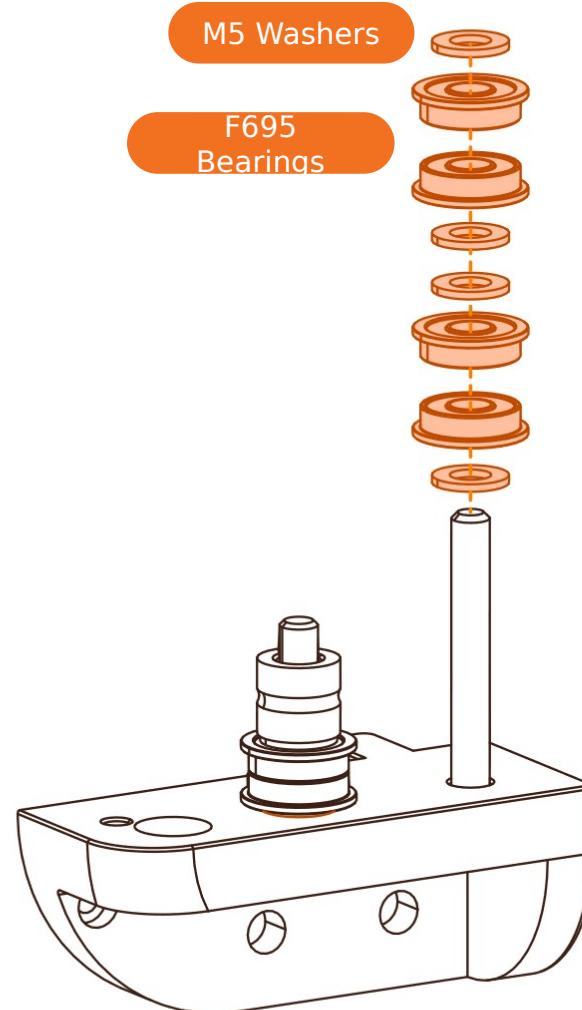
The motor wiring plug should exit from here, towards the center of the machine when the drive unit is installed.

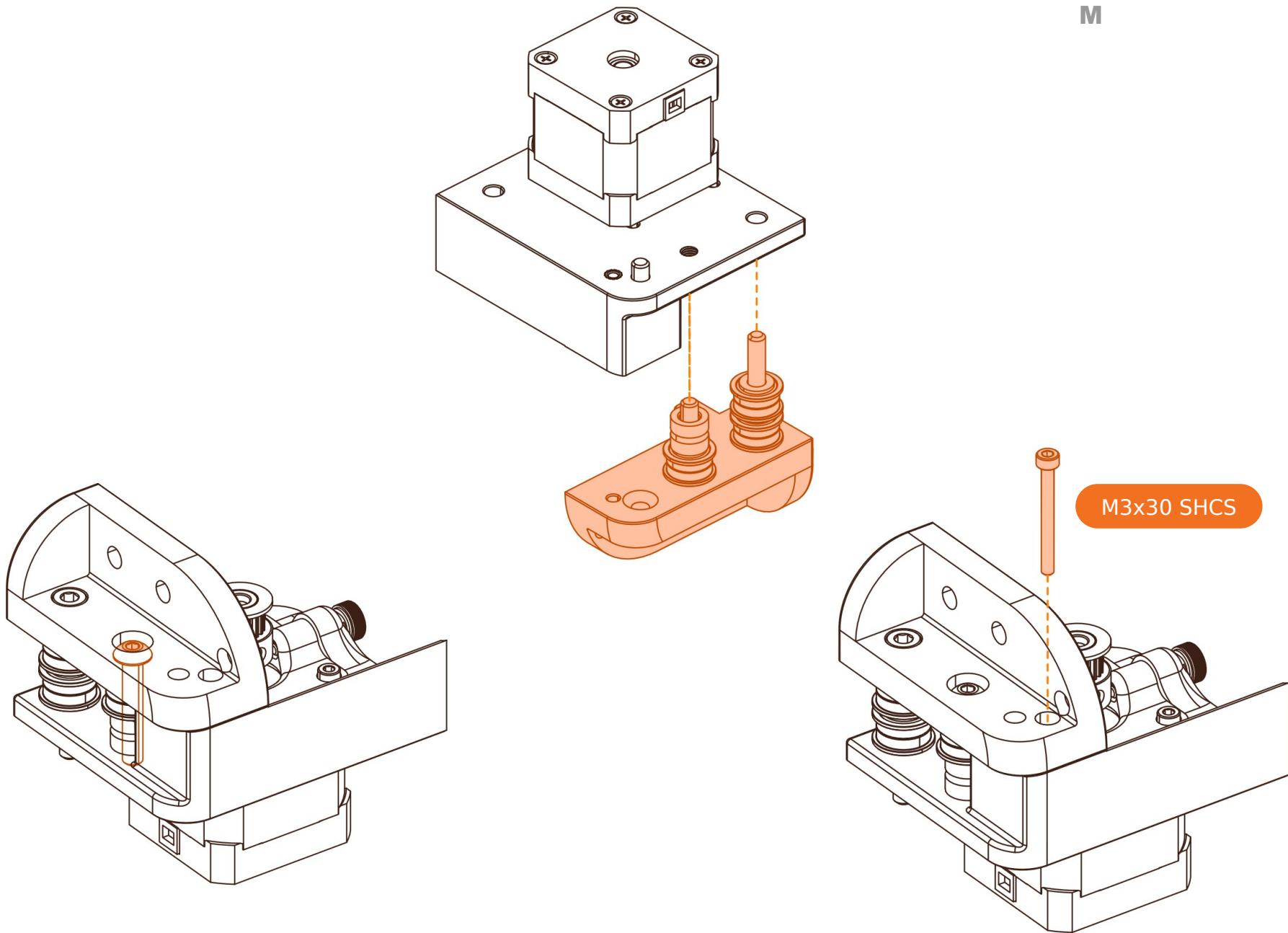




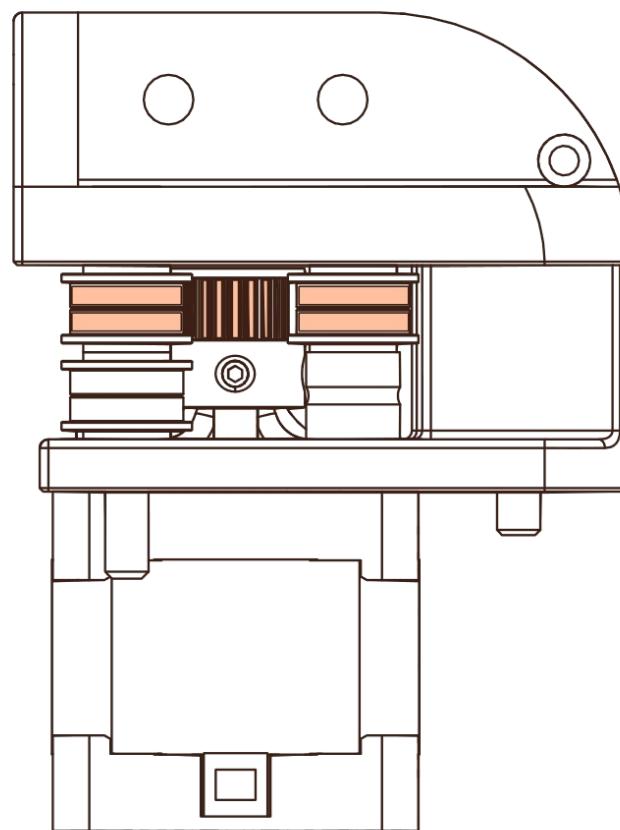


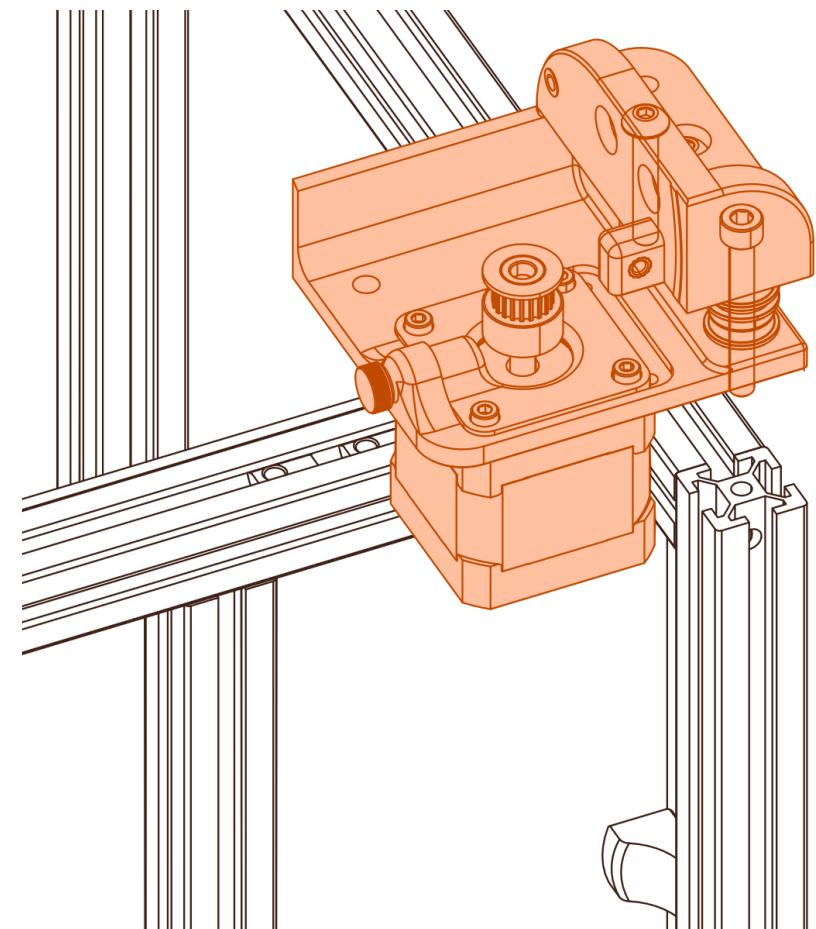
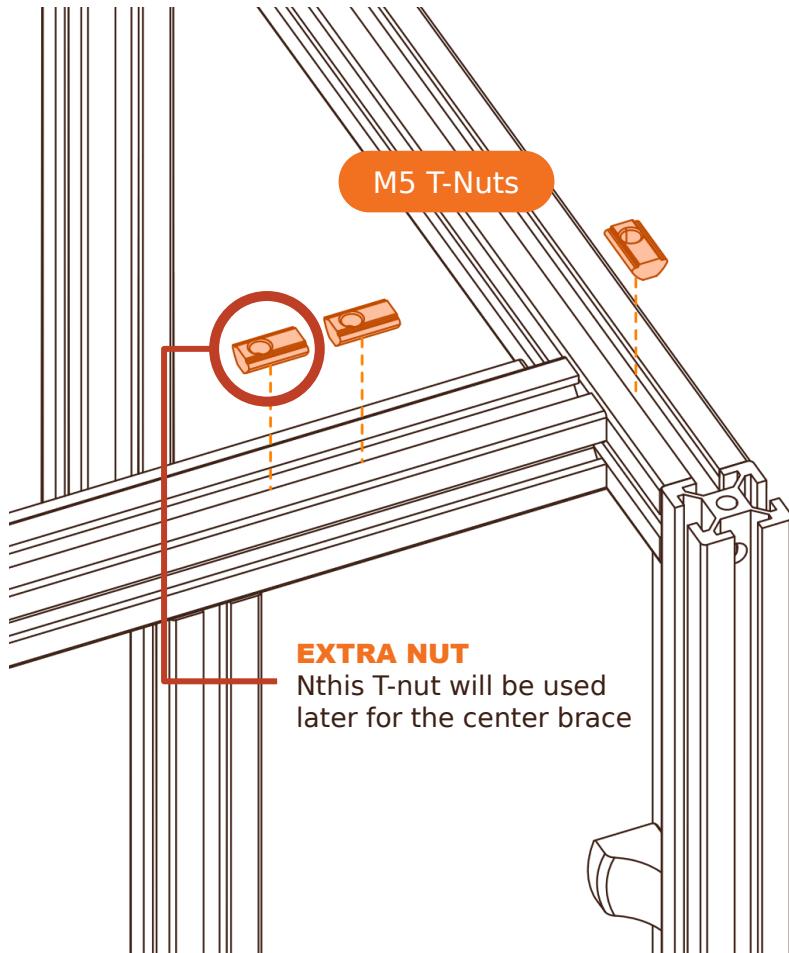


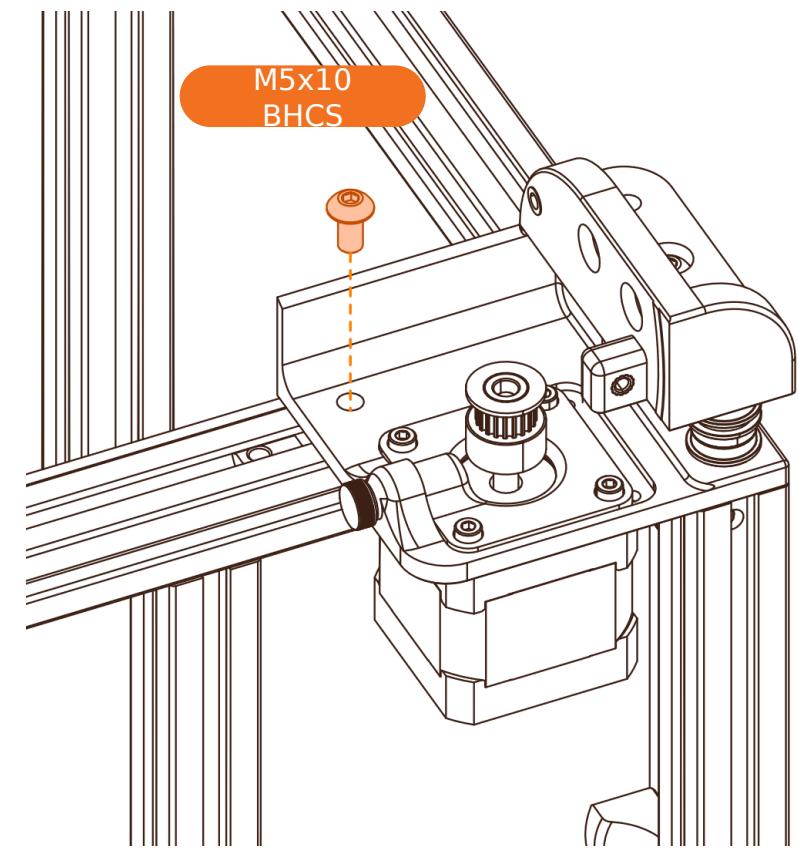
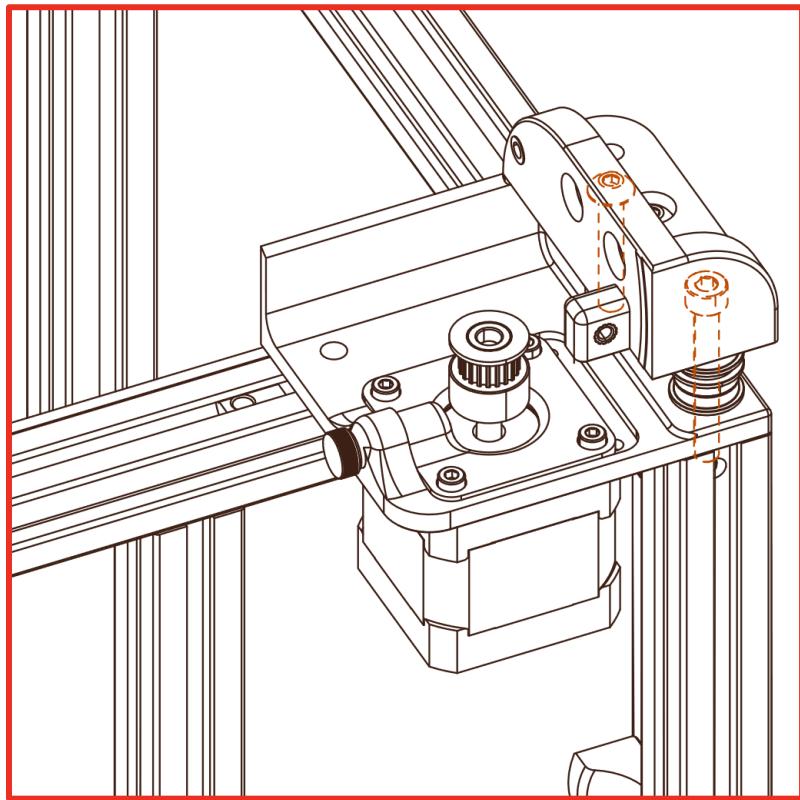


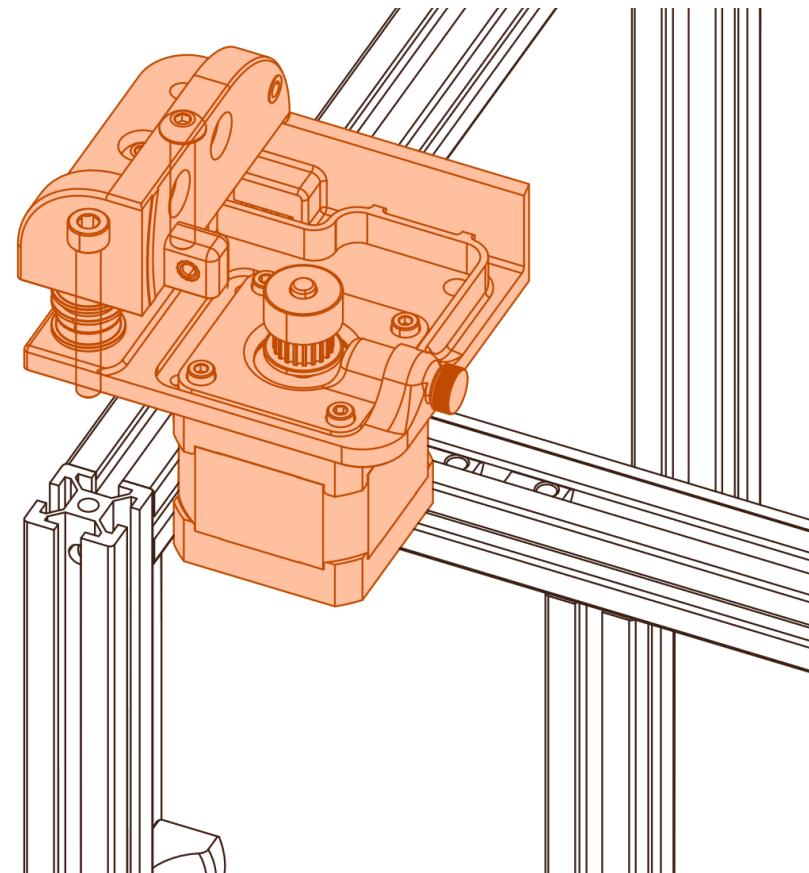
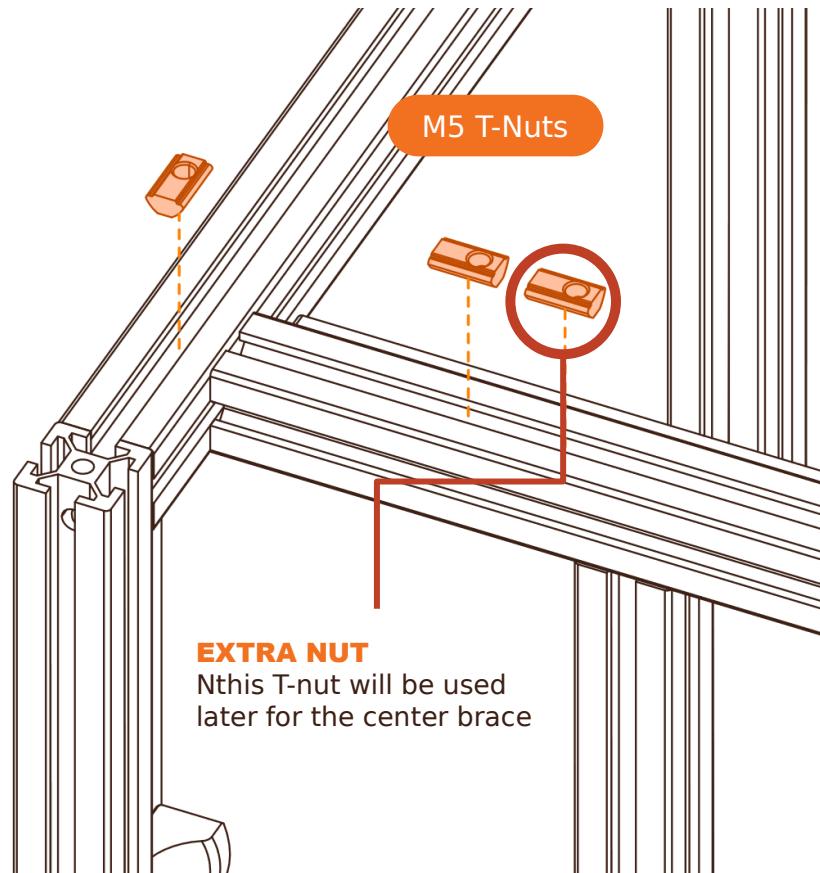


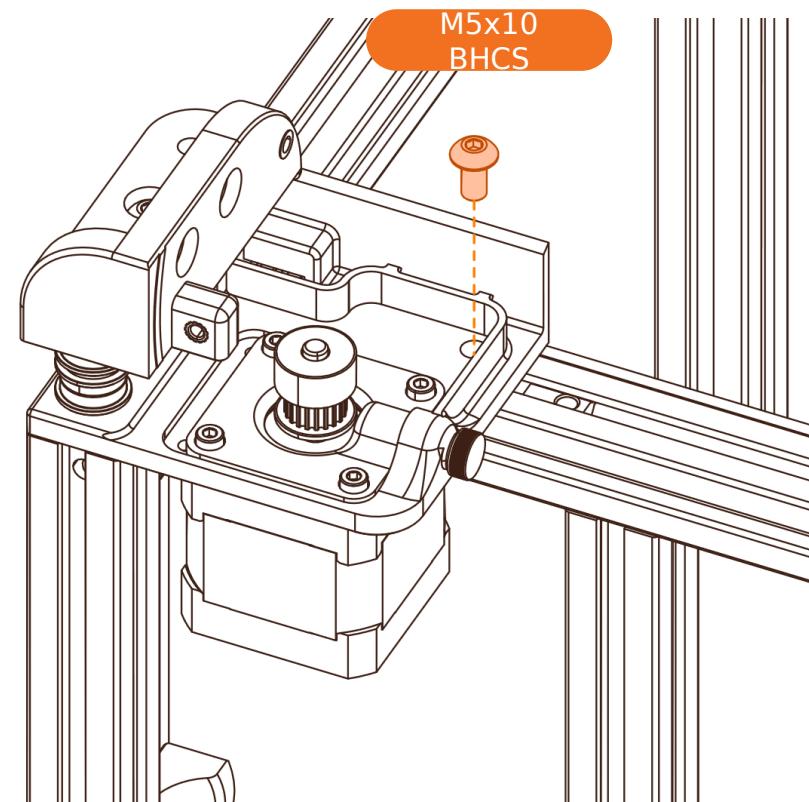
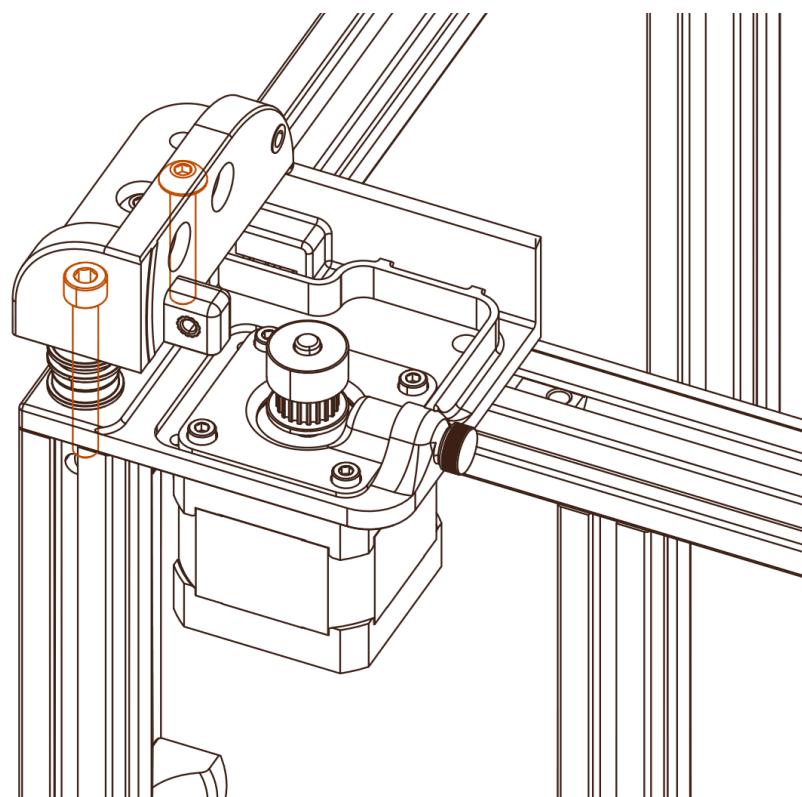
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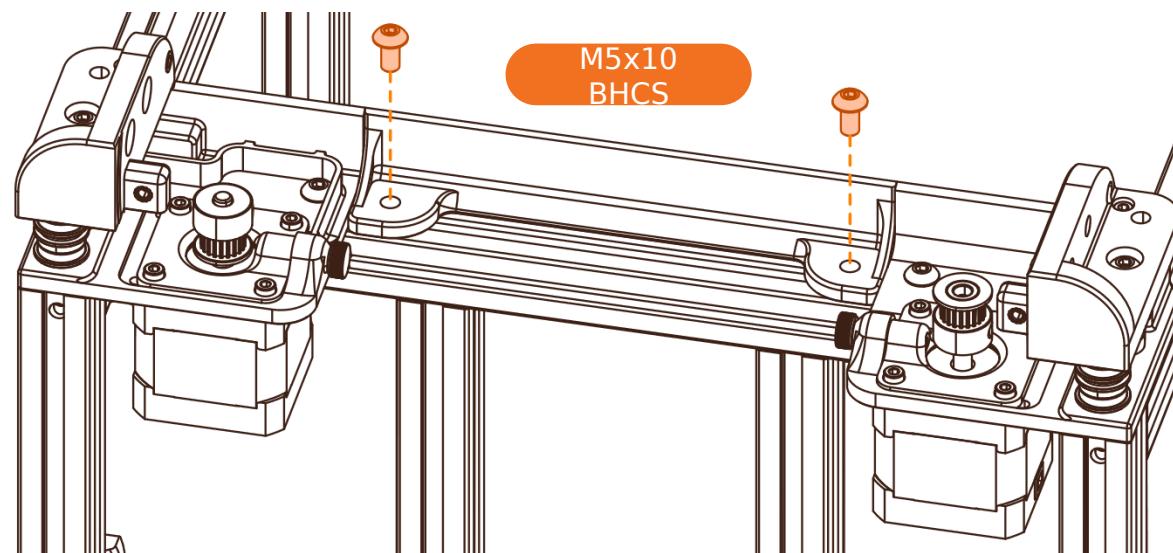
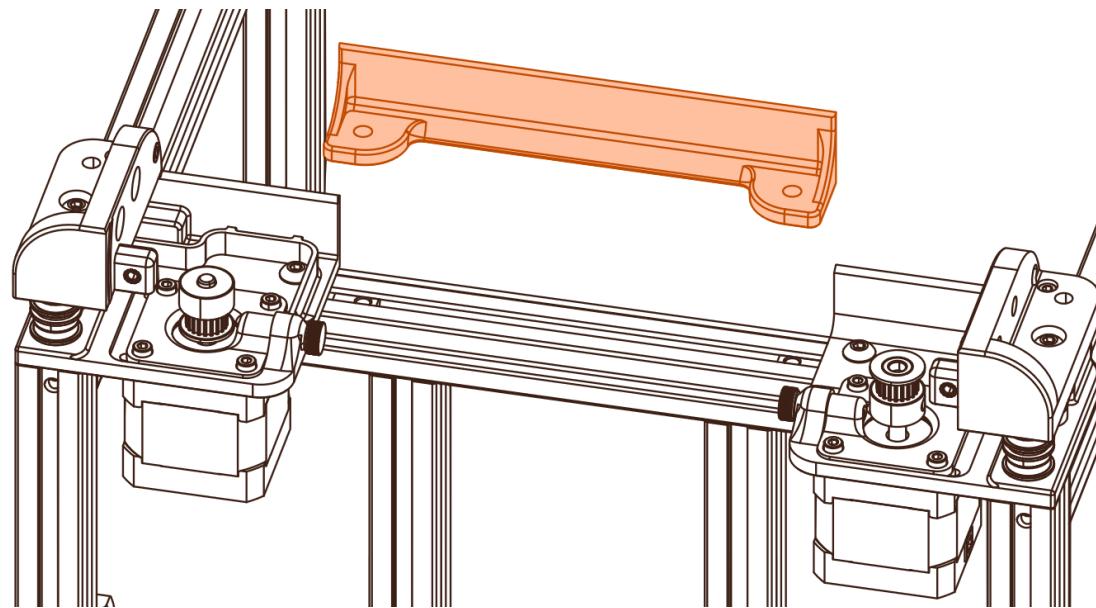


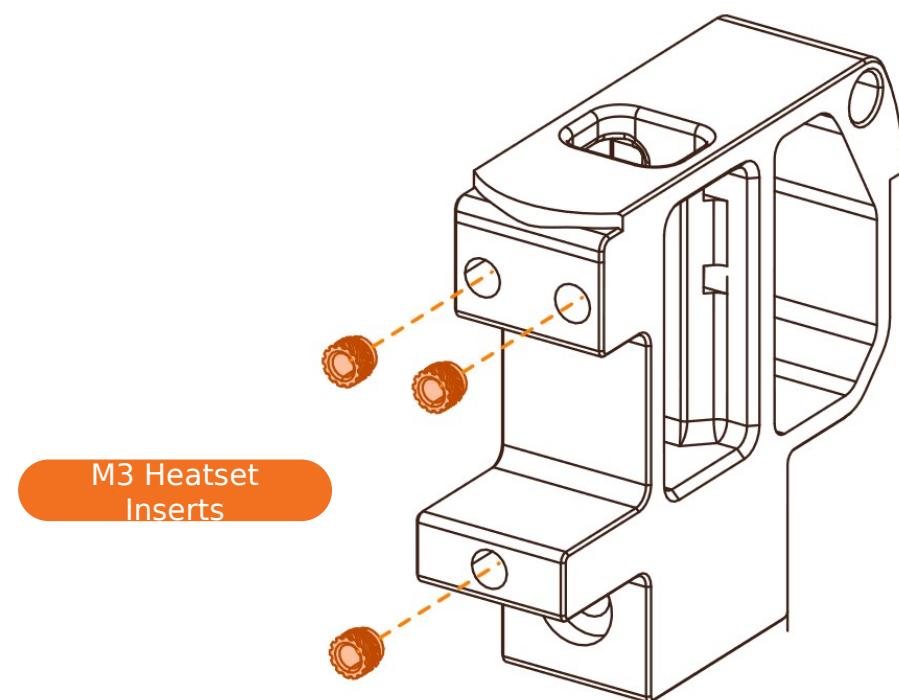
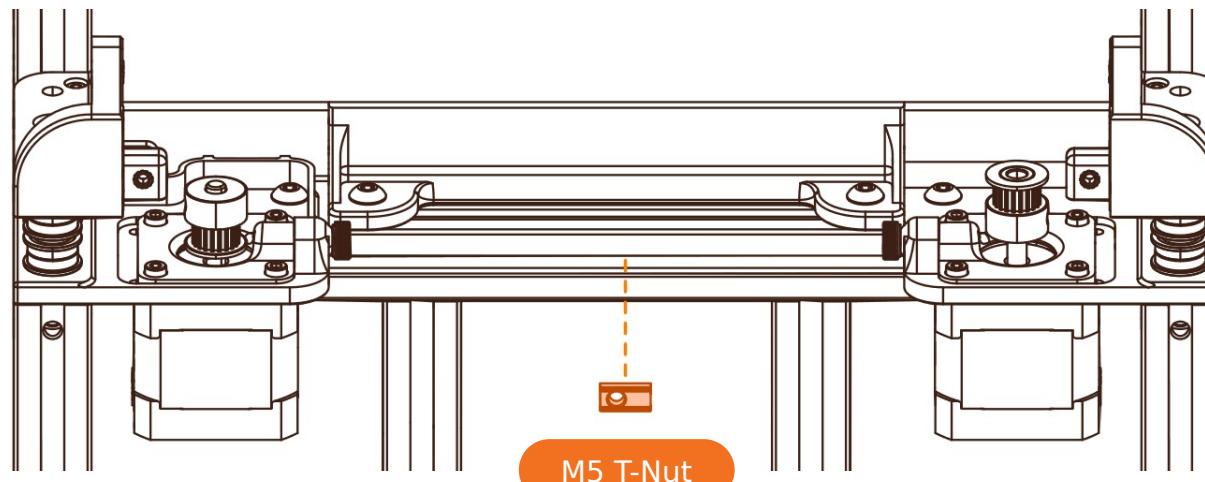


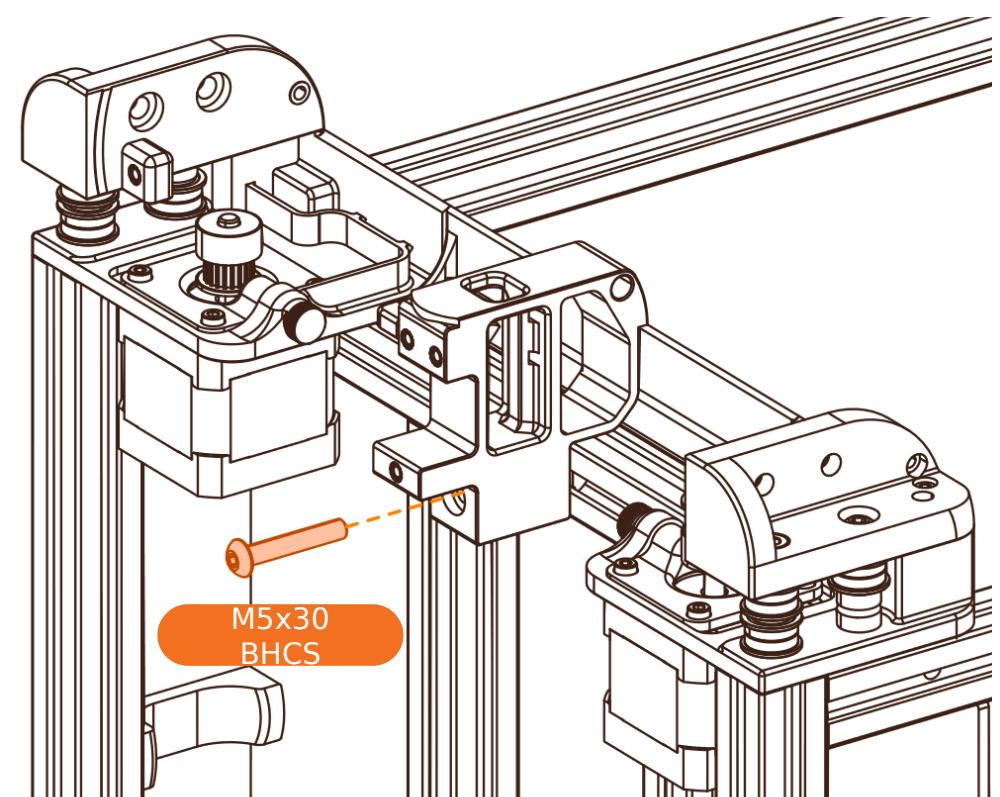
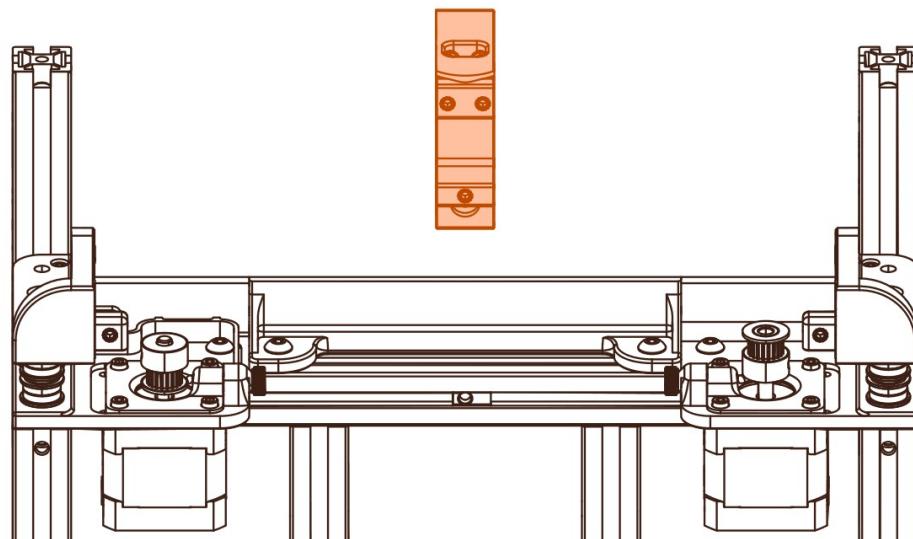


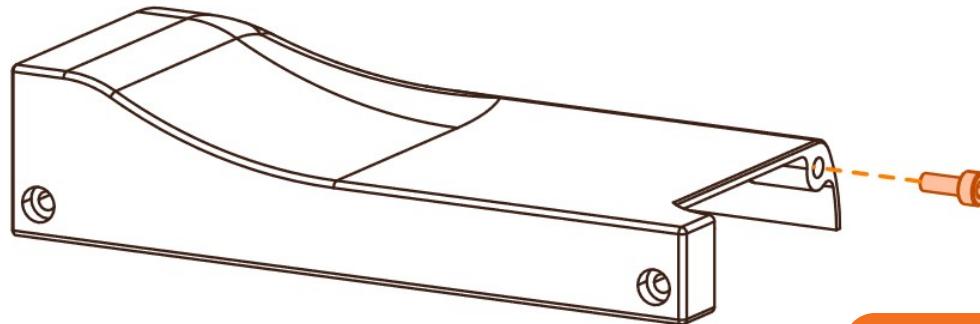




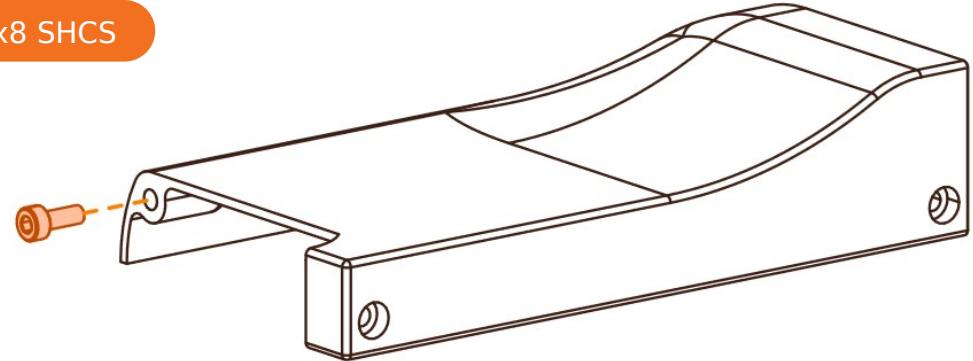


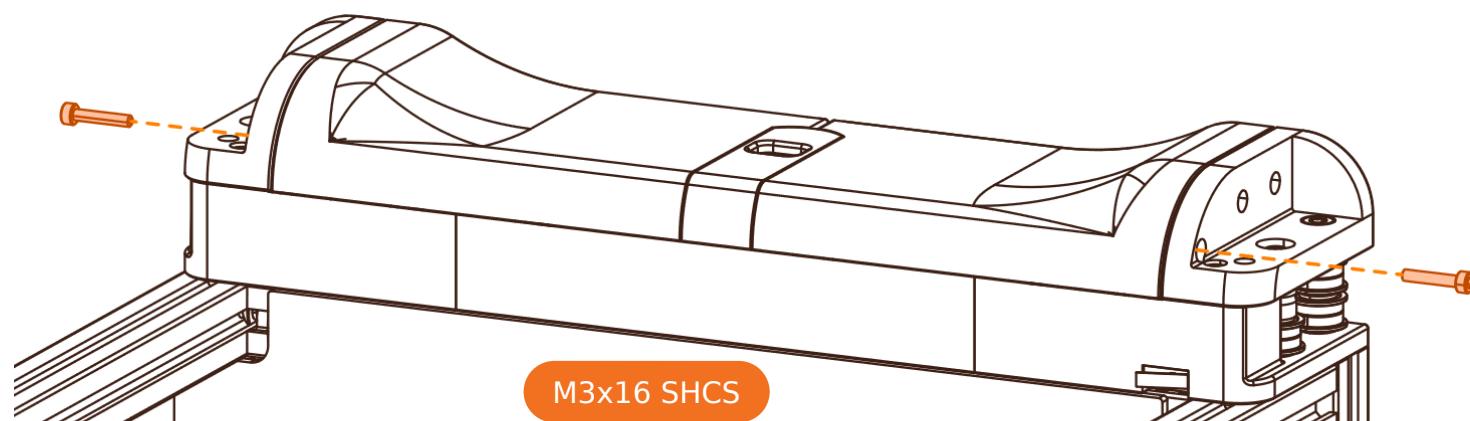
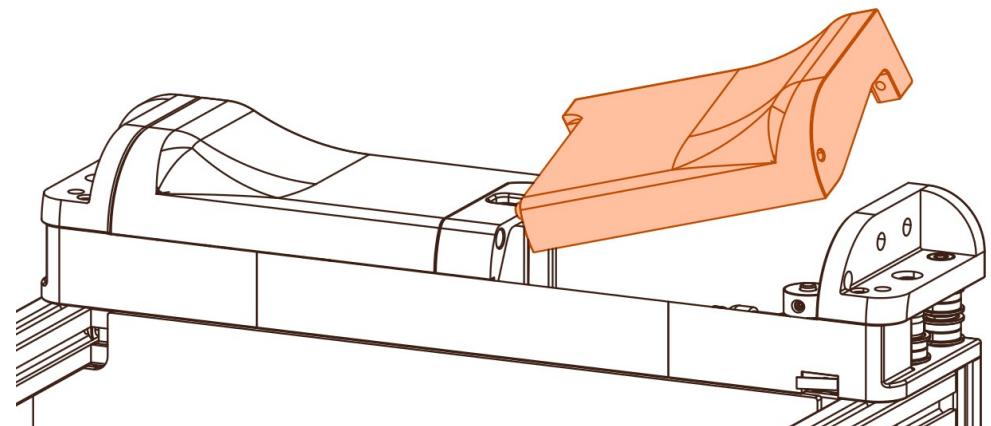
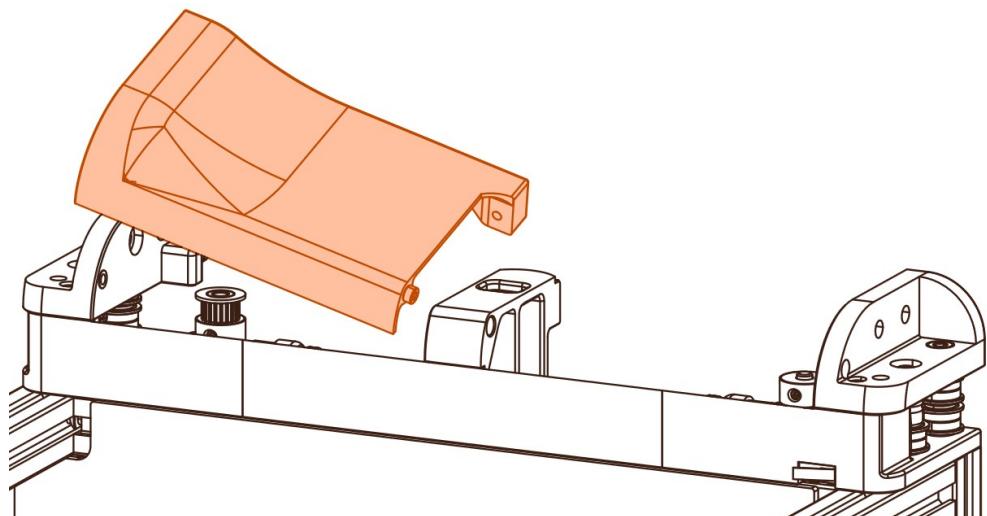


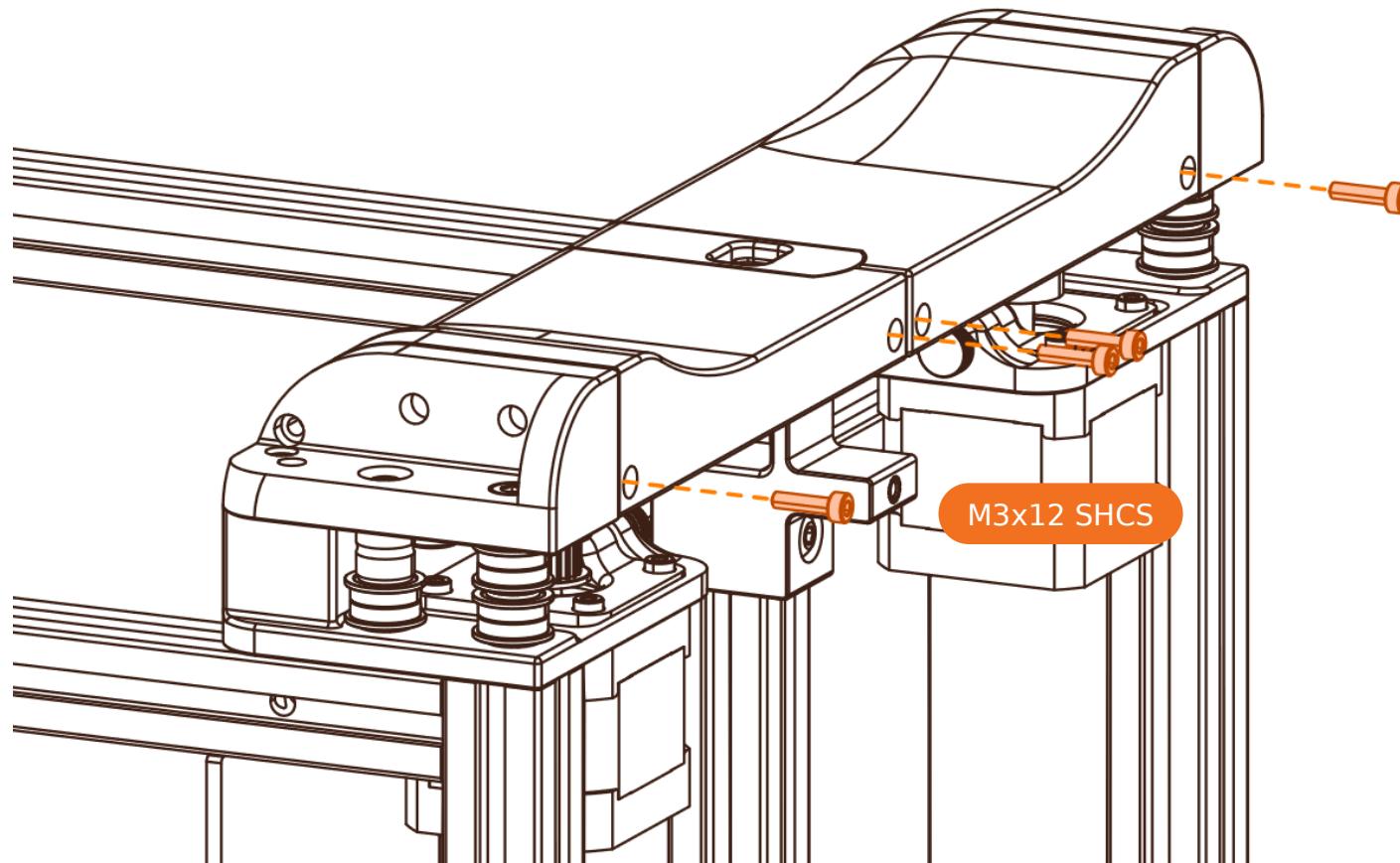


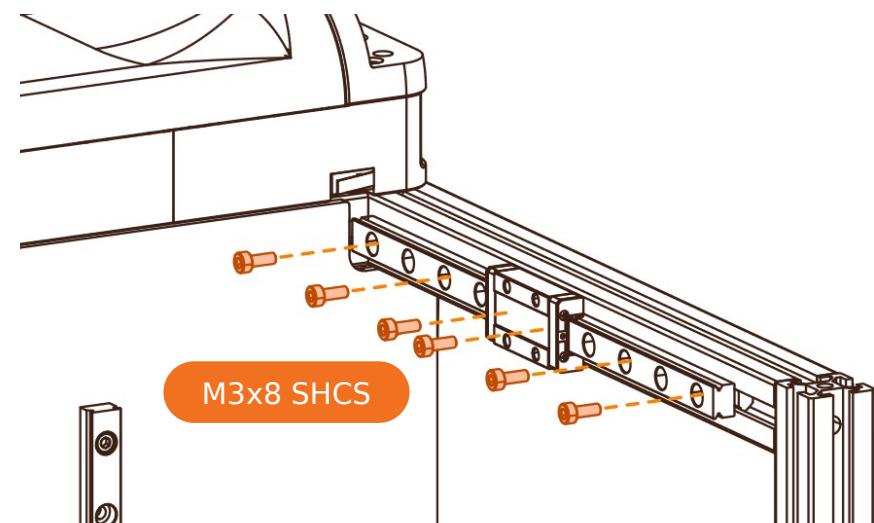
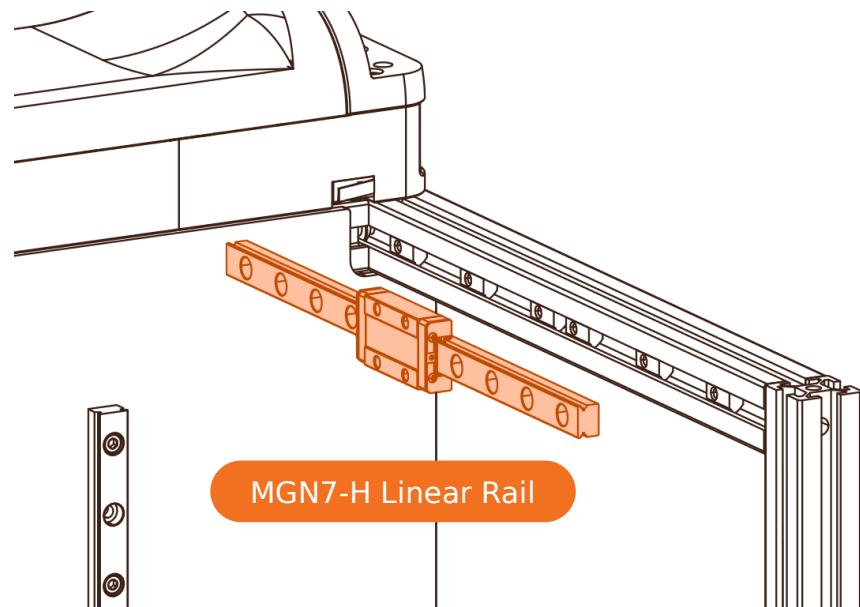
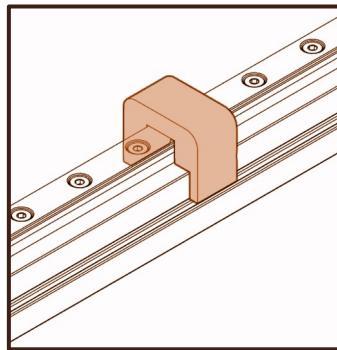
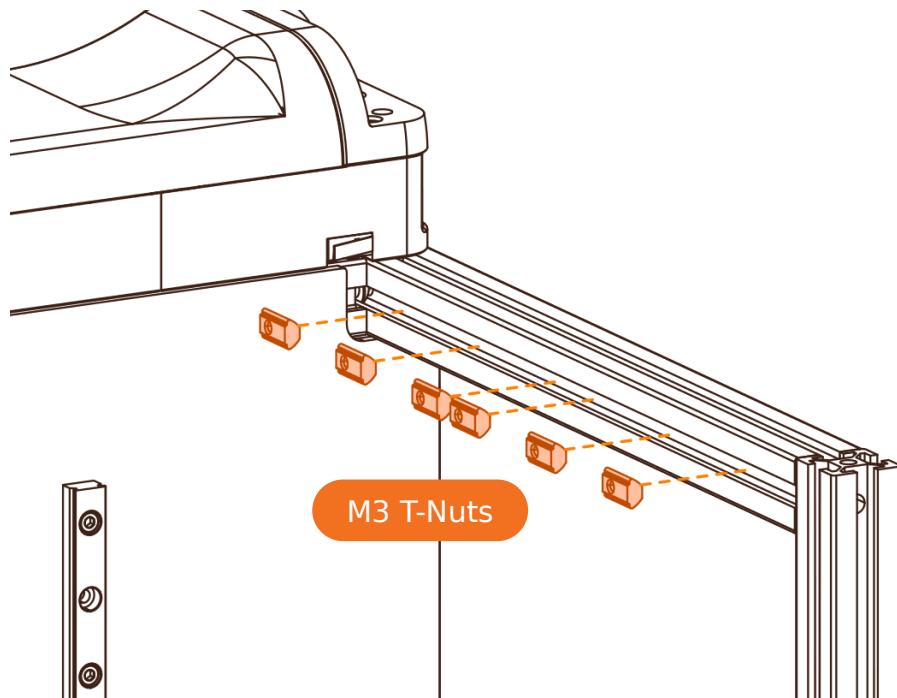


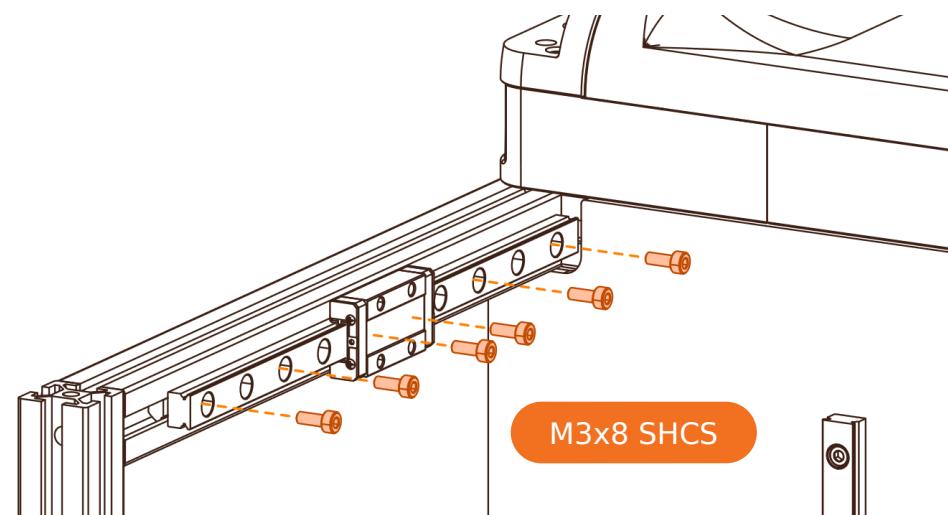
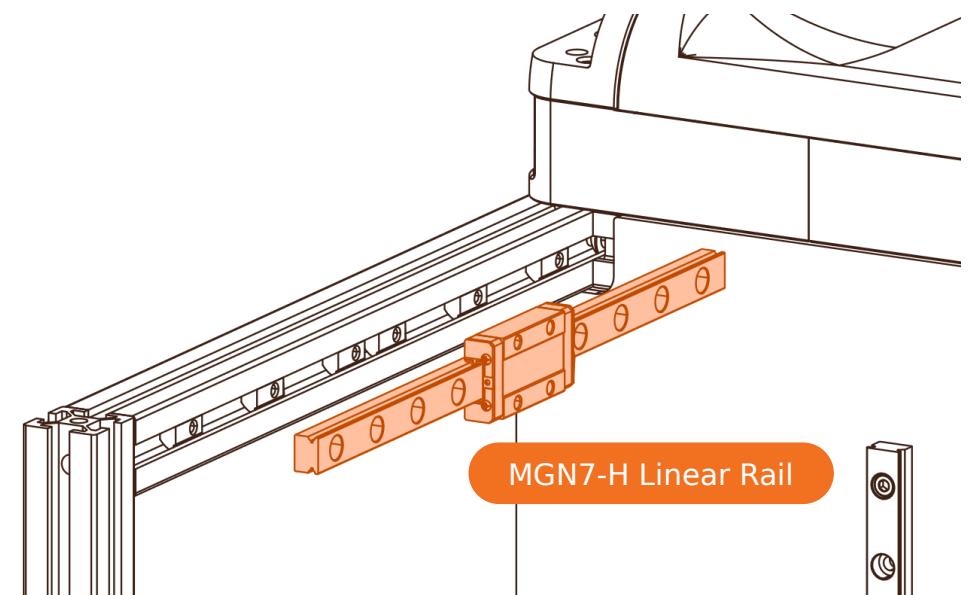
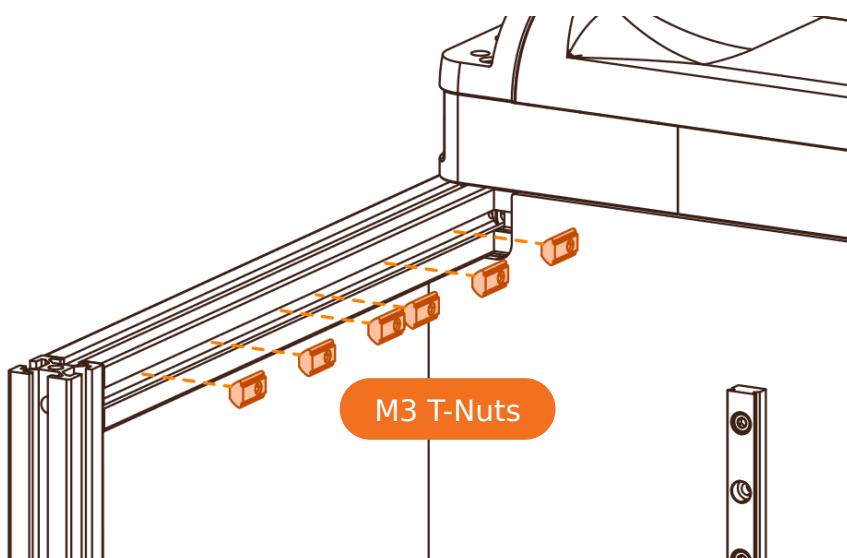
M3x8 SHCS



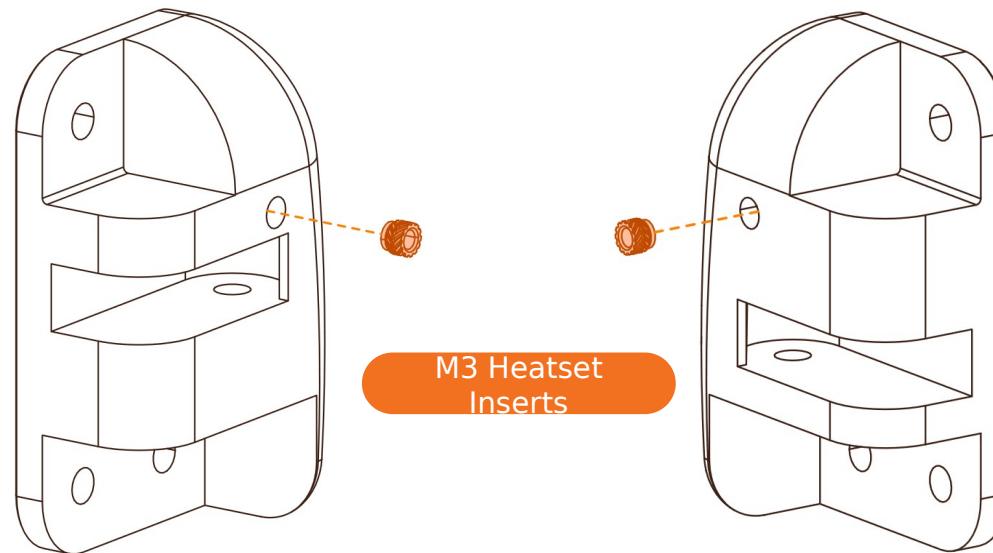


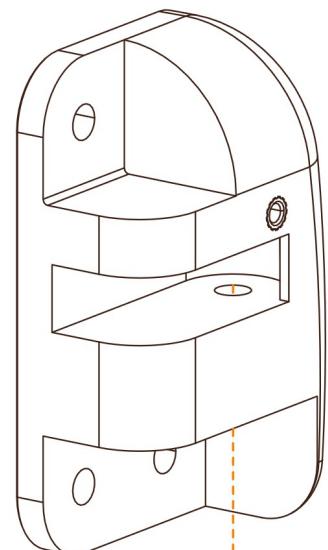






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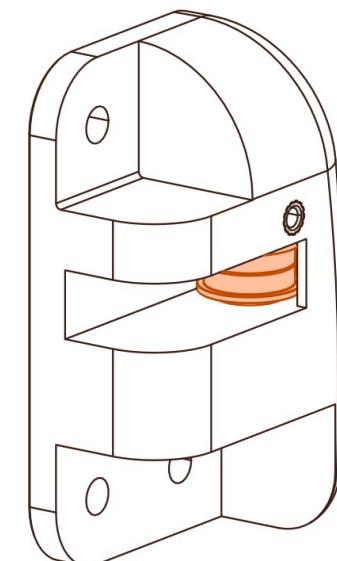
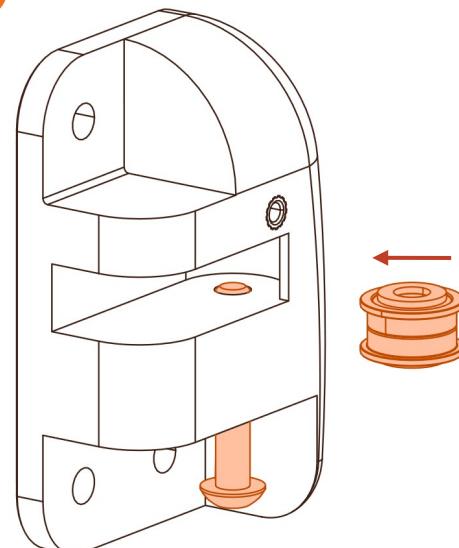
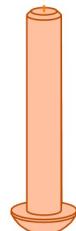
M5 Washers

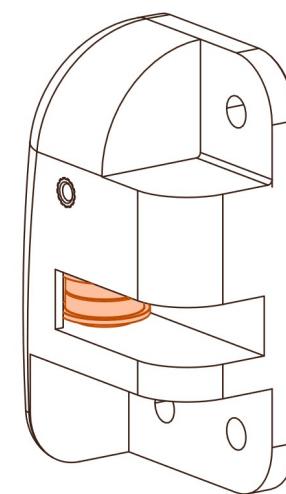
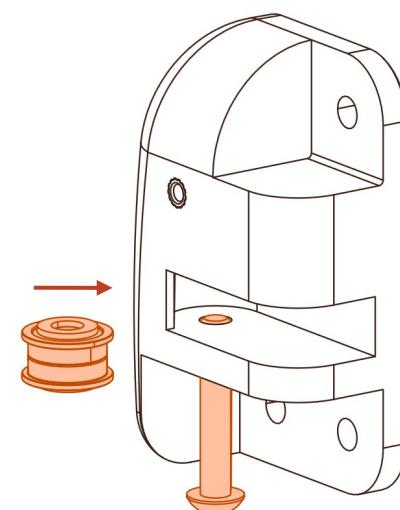
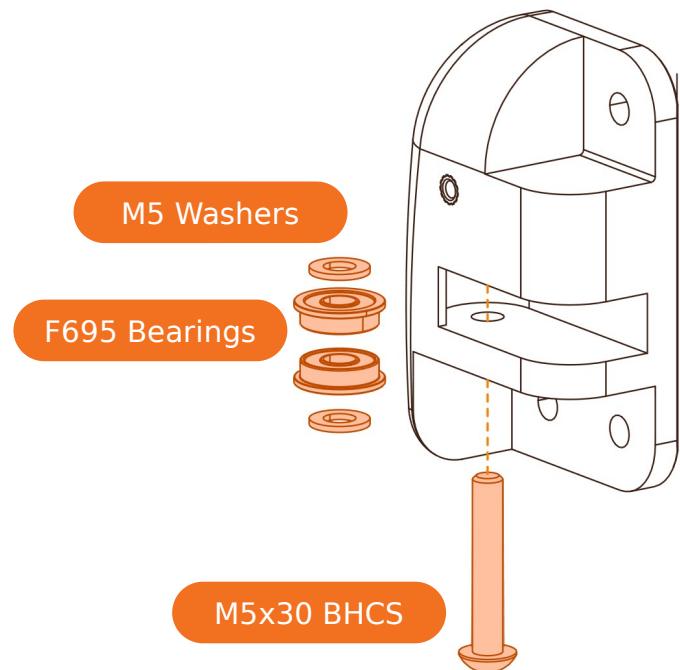


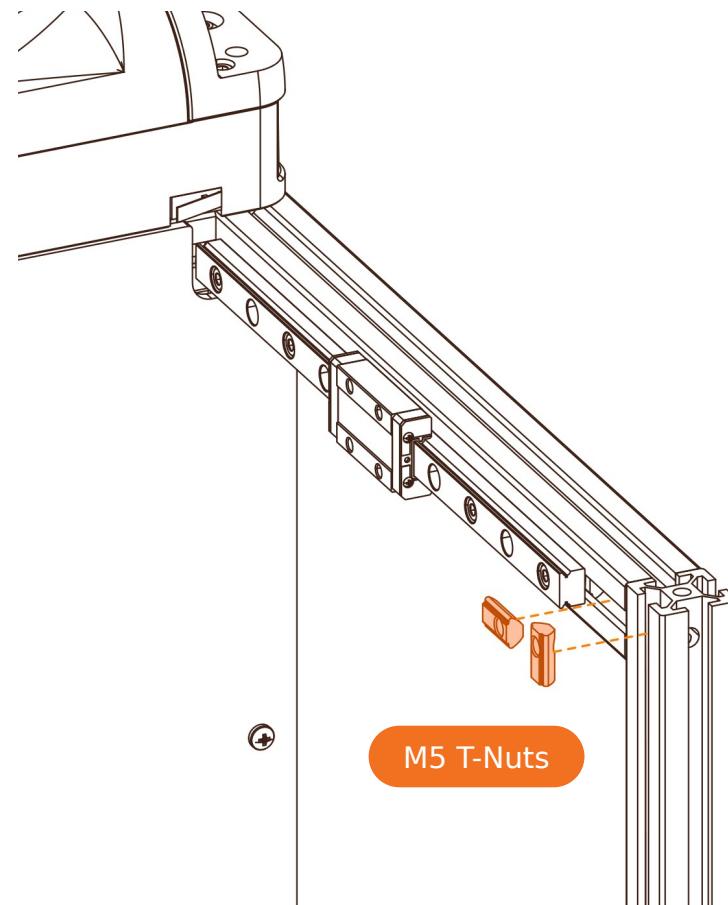
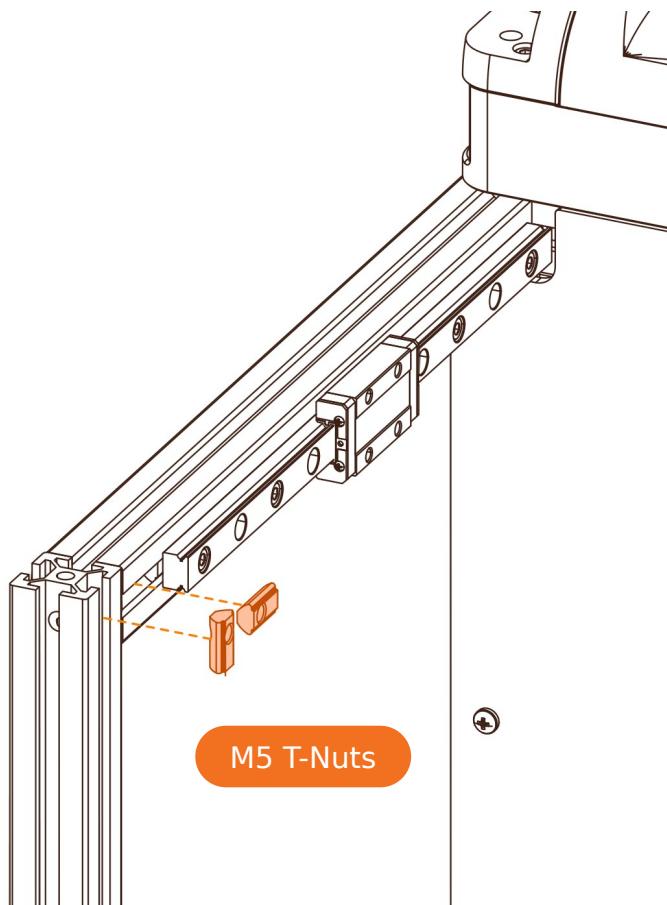
F695 Bearings

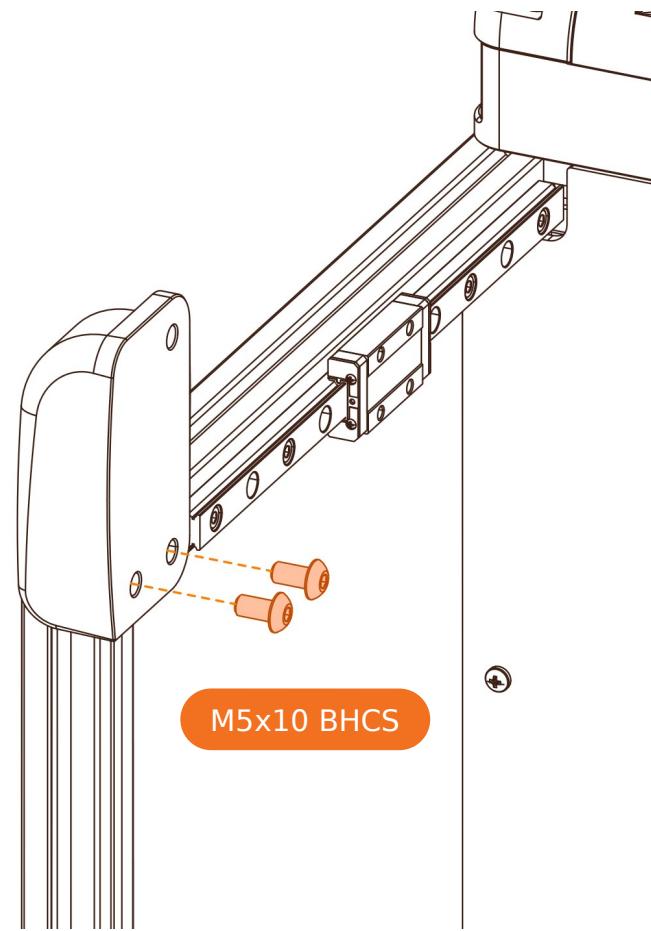
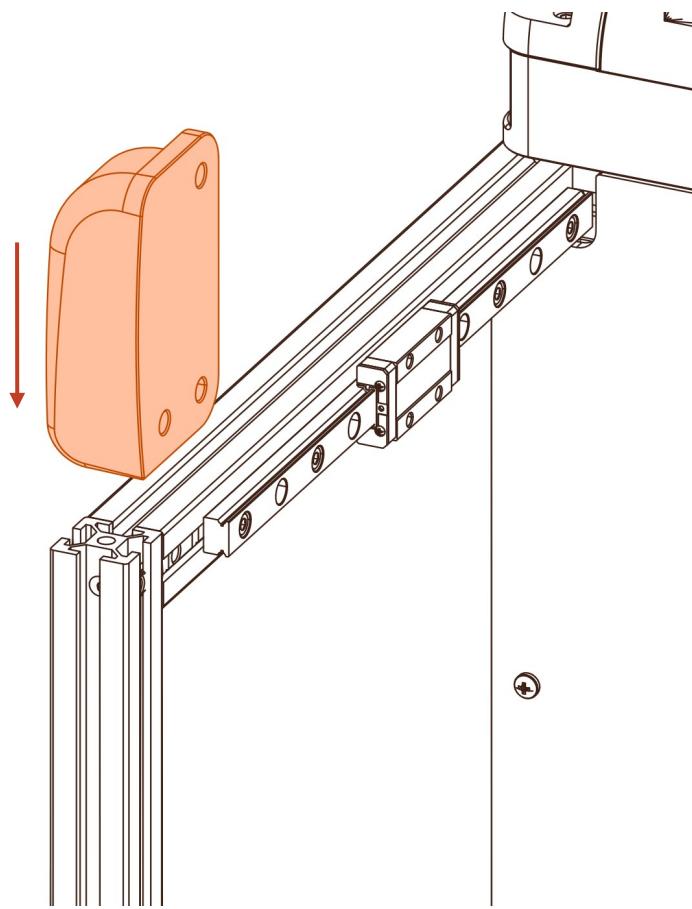


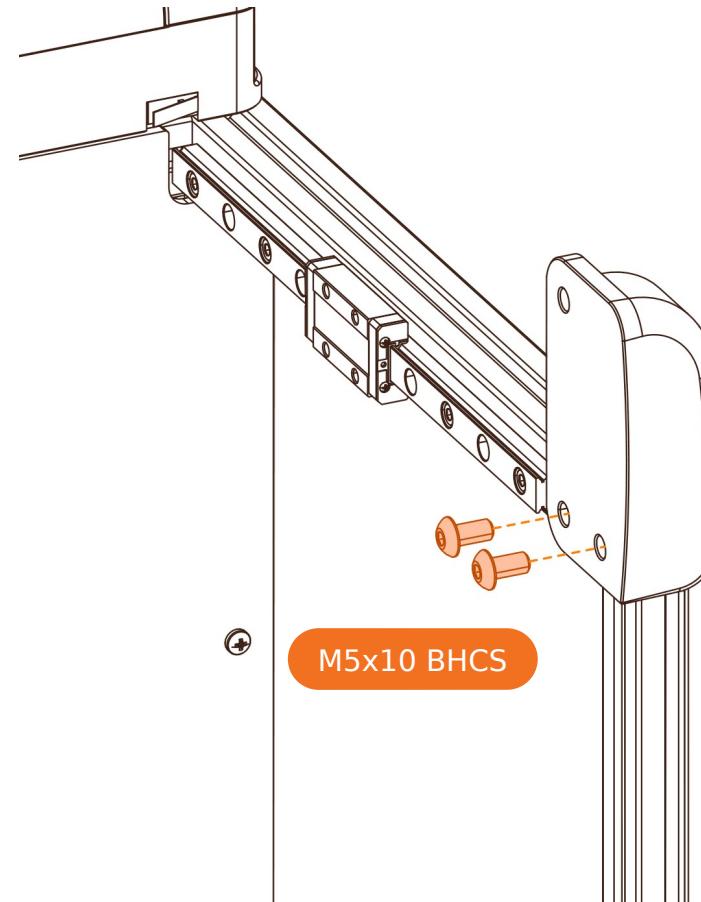
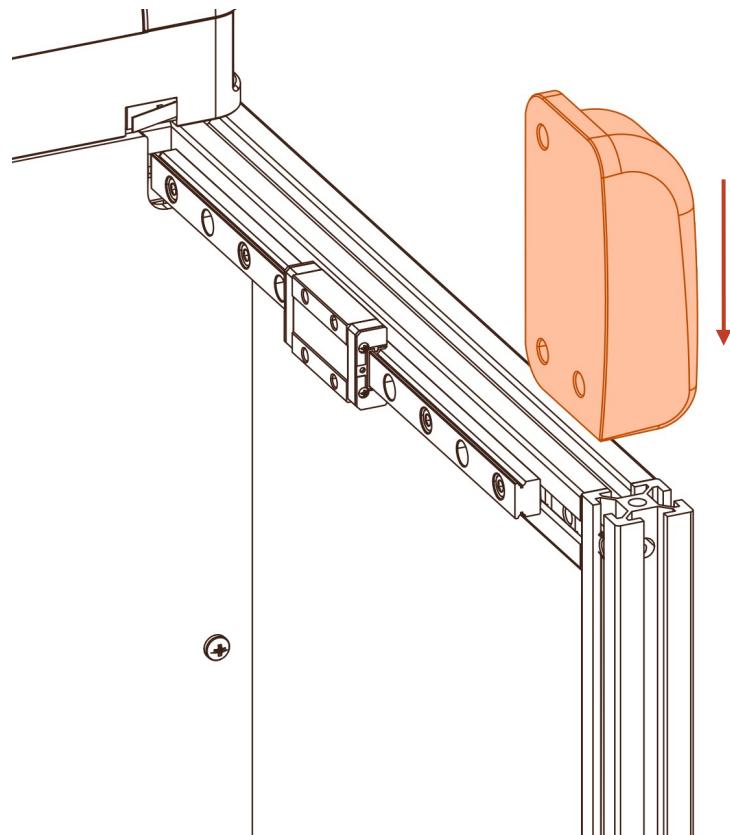
M5x30 BHCS

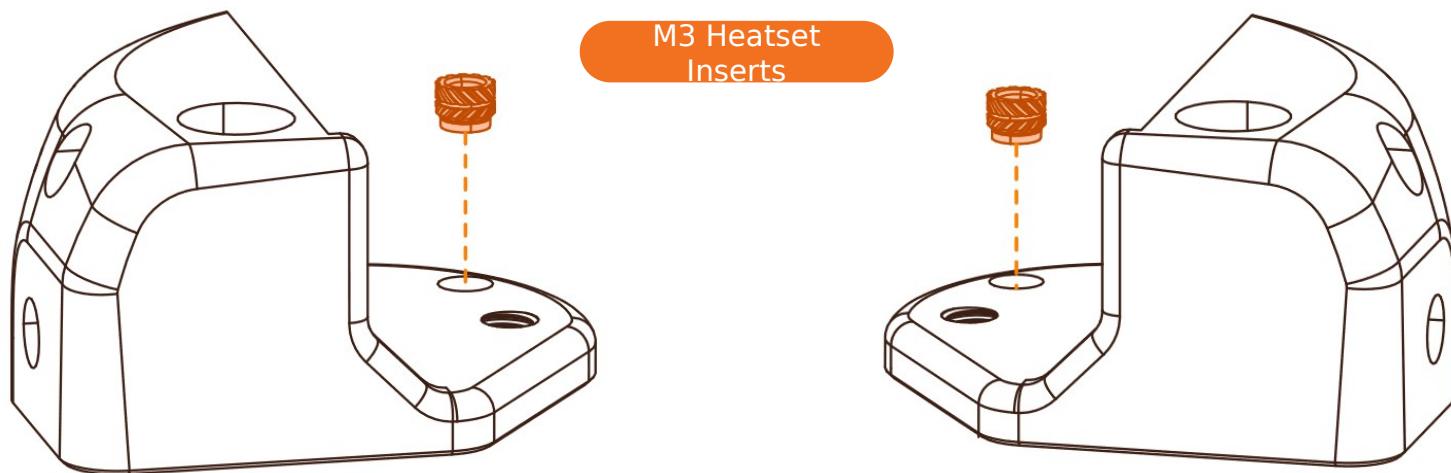


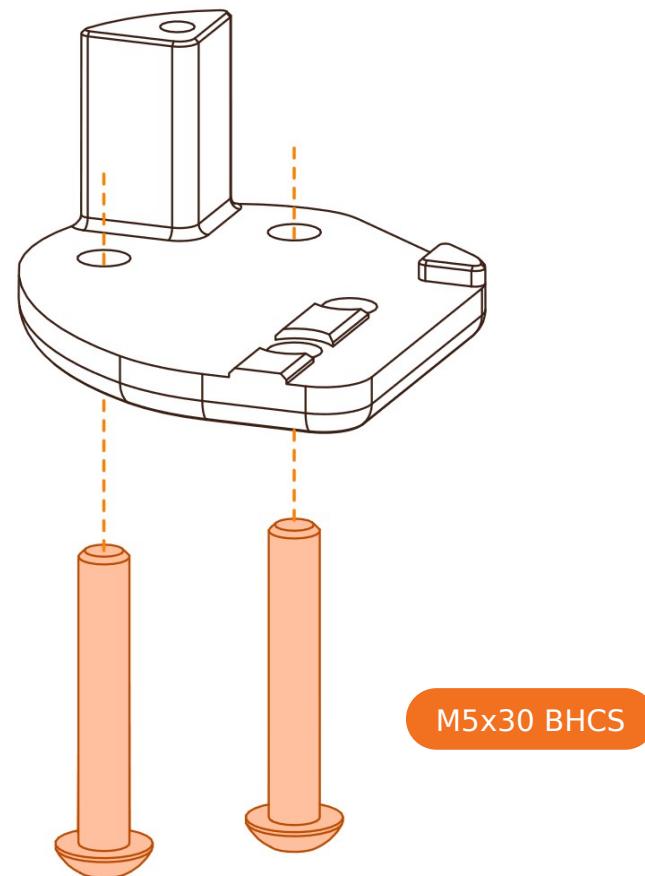








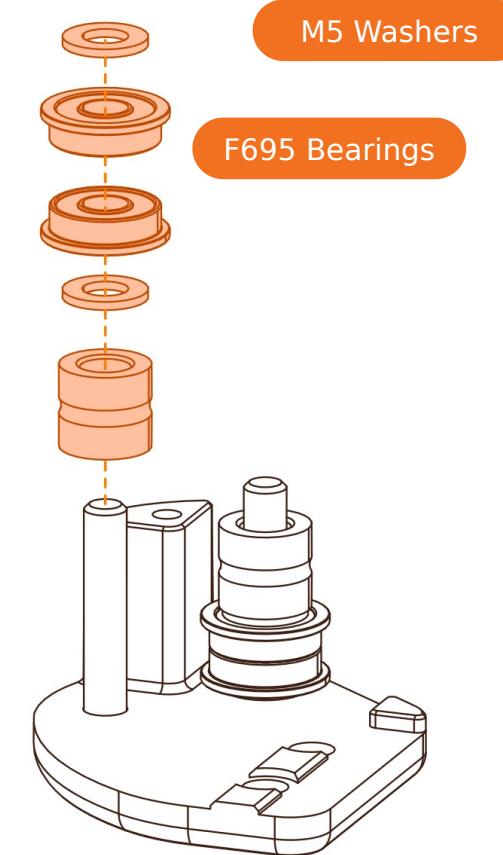






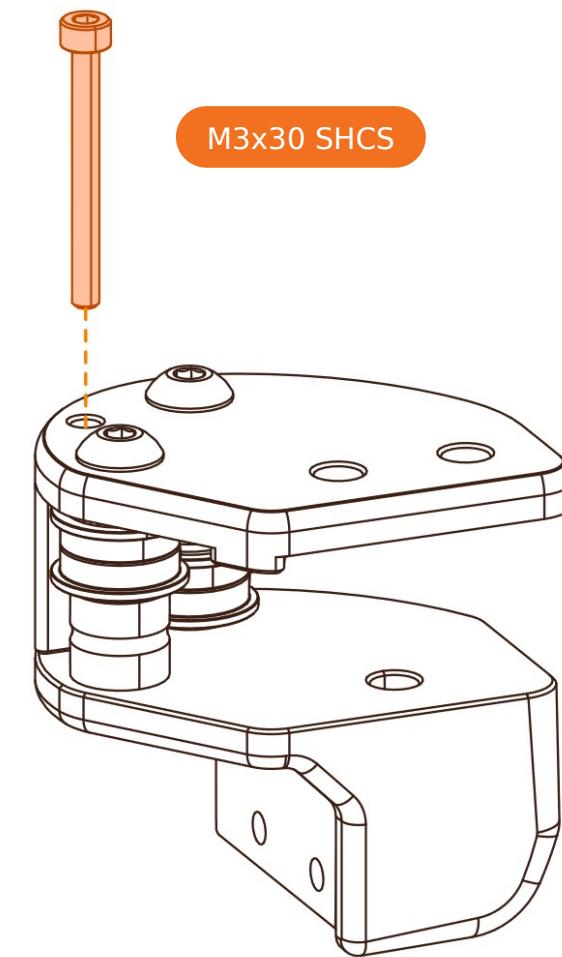
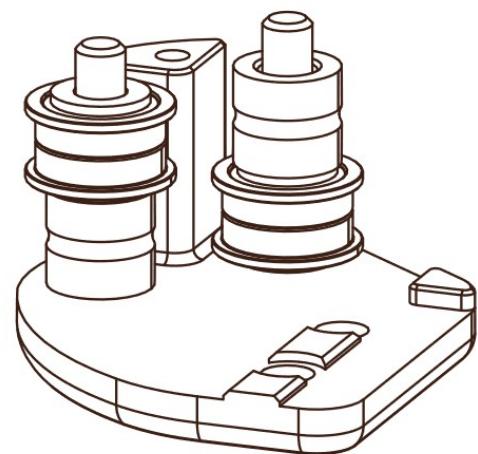
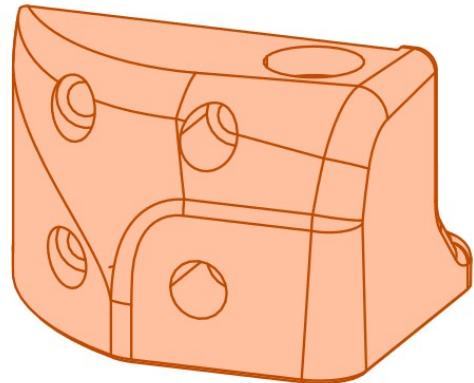
M5 Washers

F695 Bearings

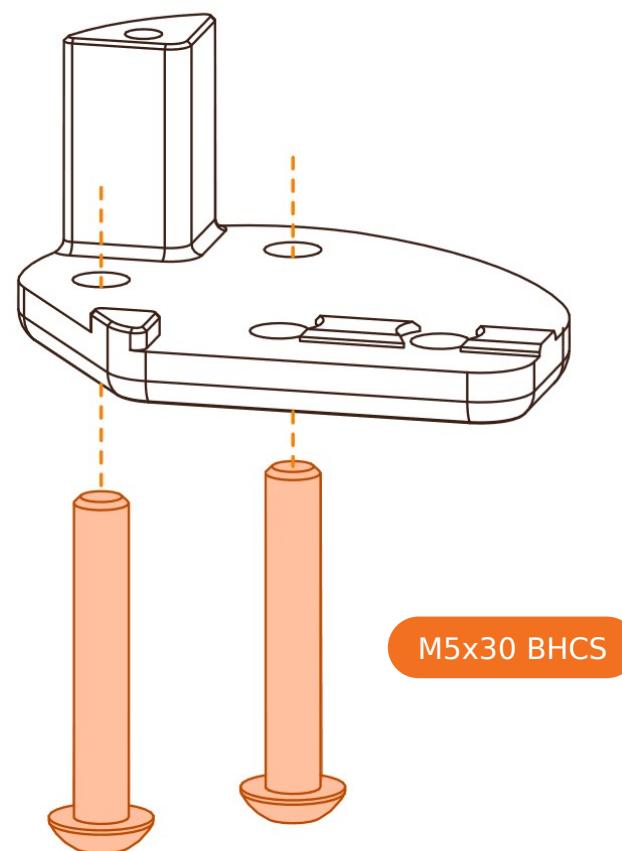


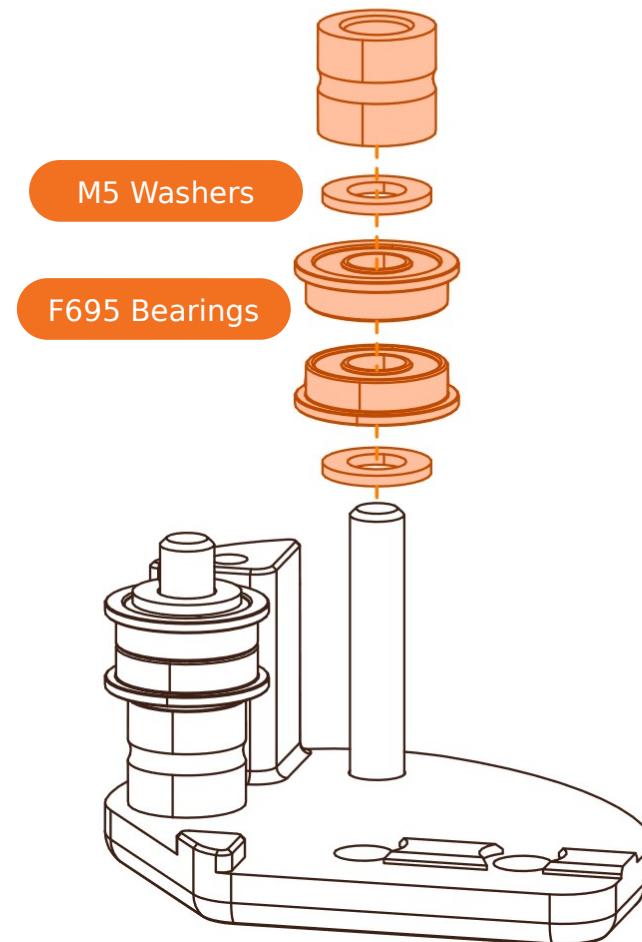
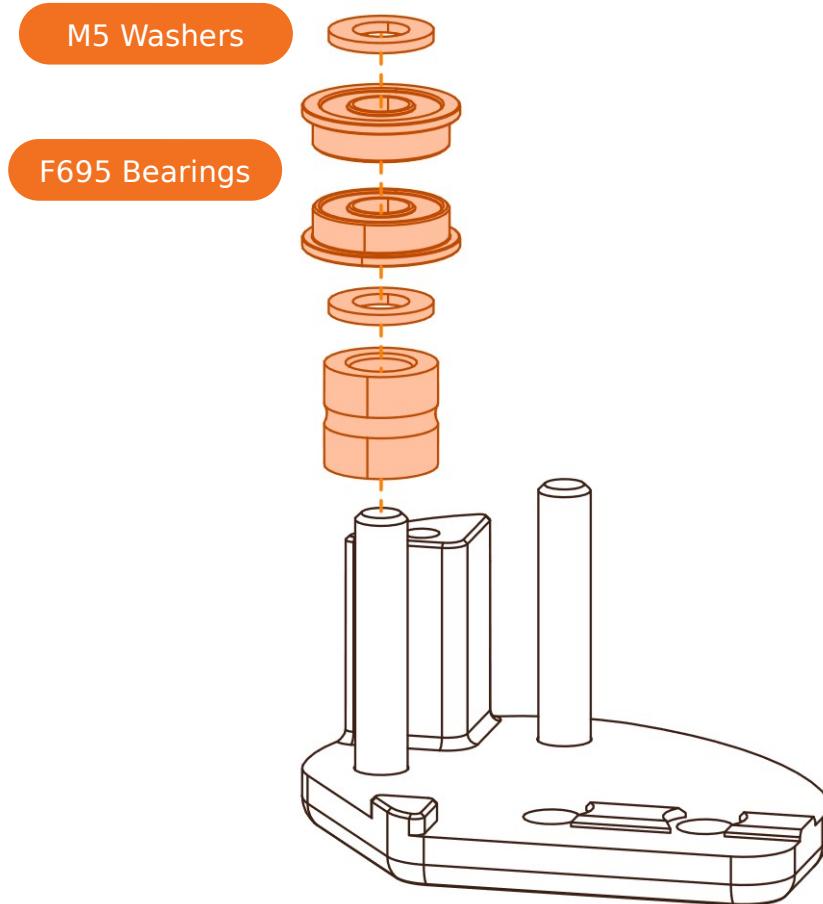
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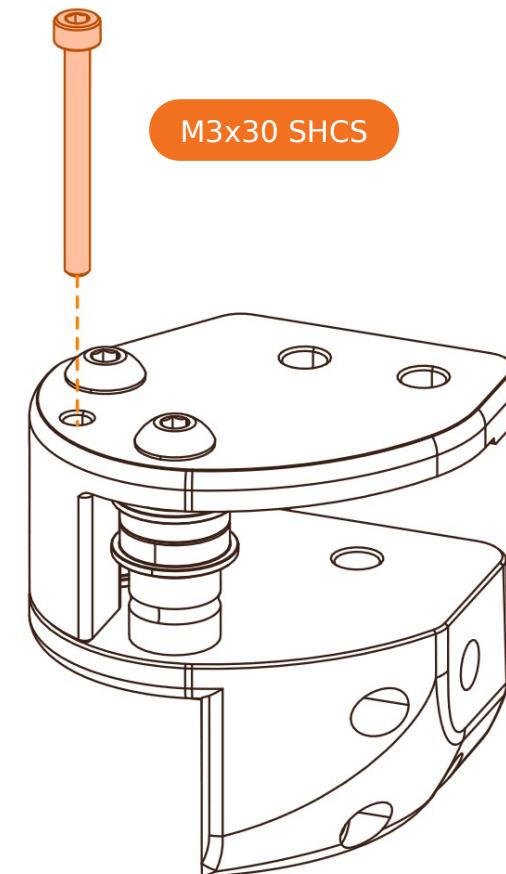
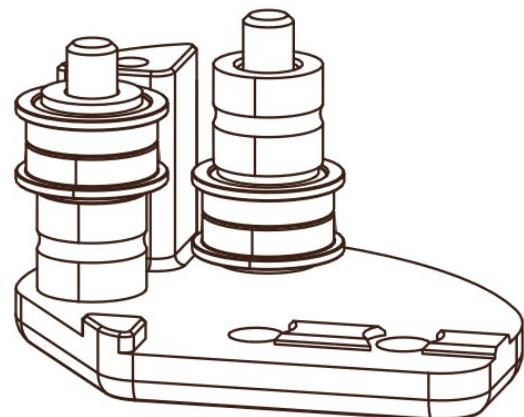
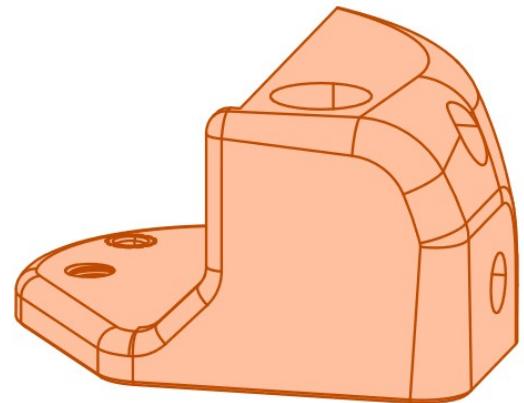
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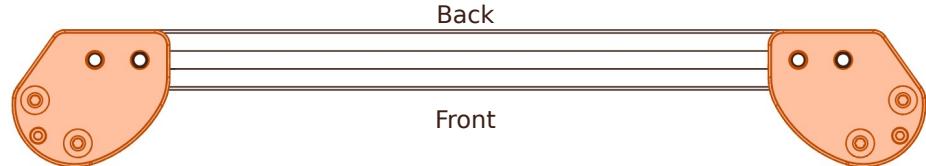
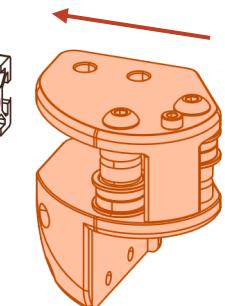
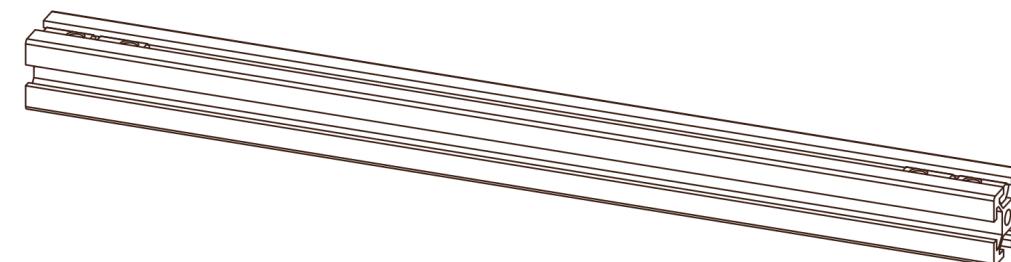
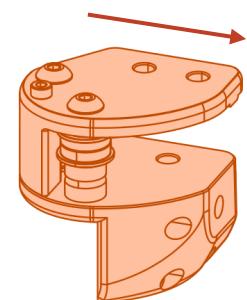
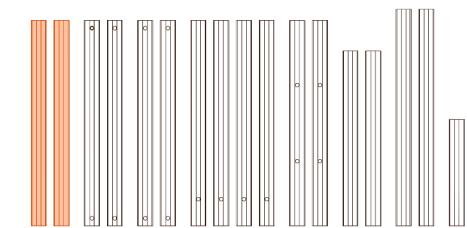
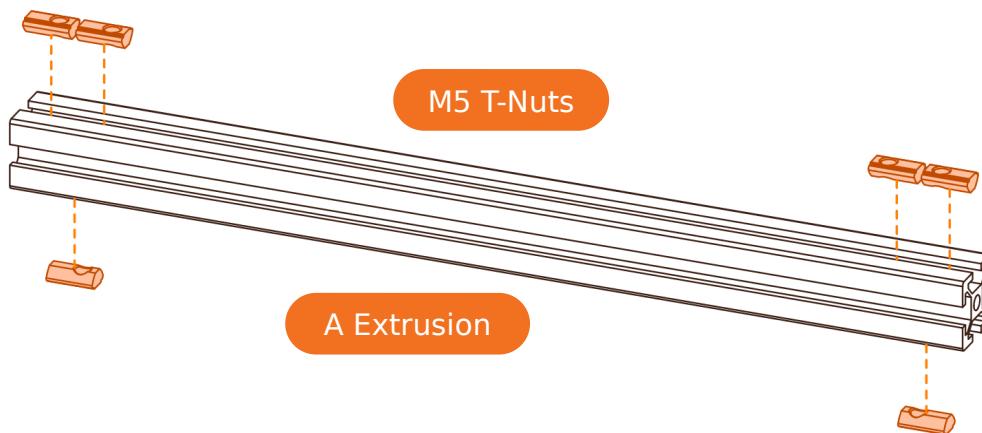


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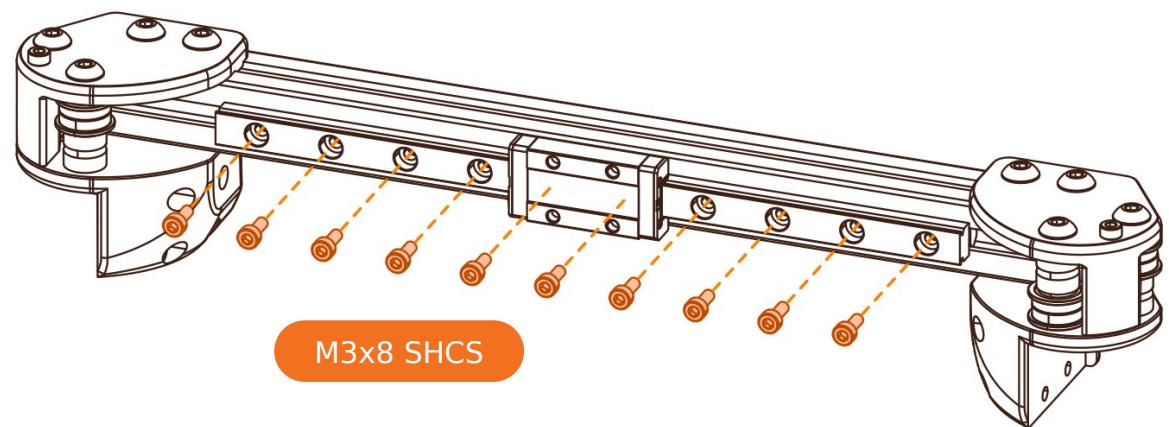
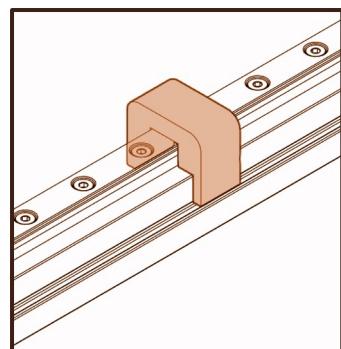
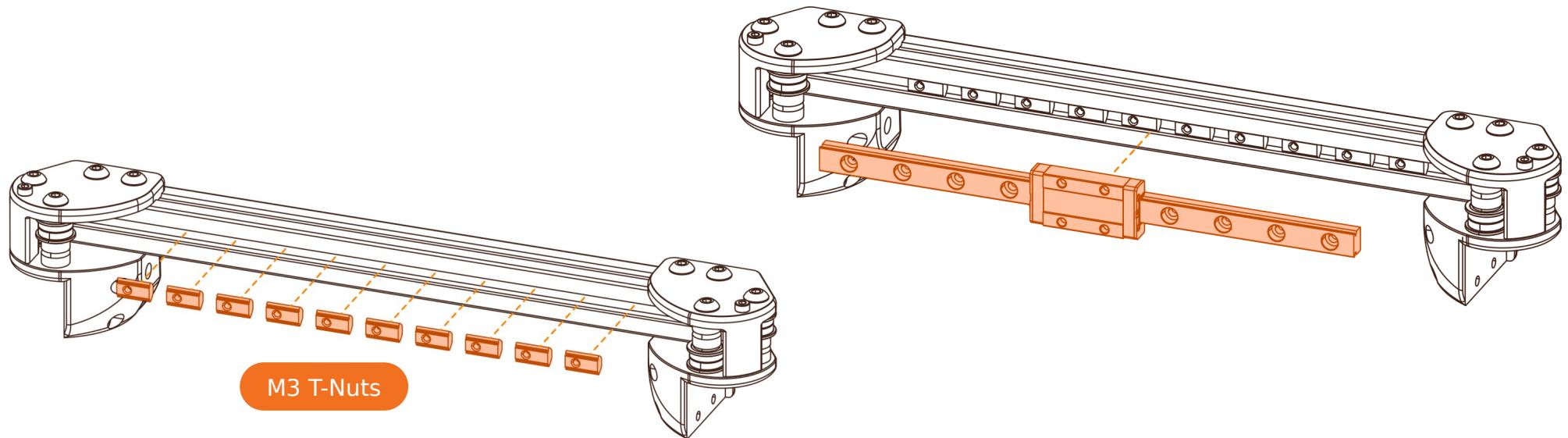




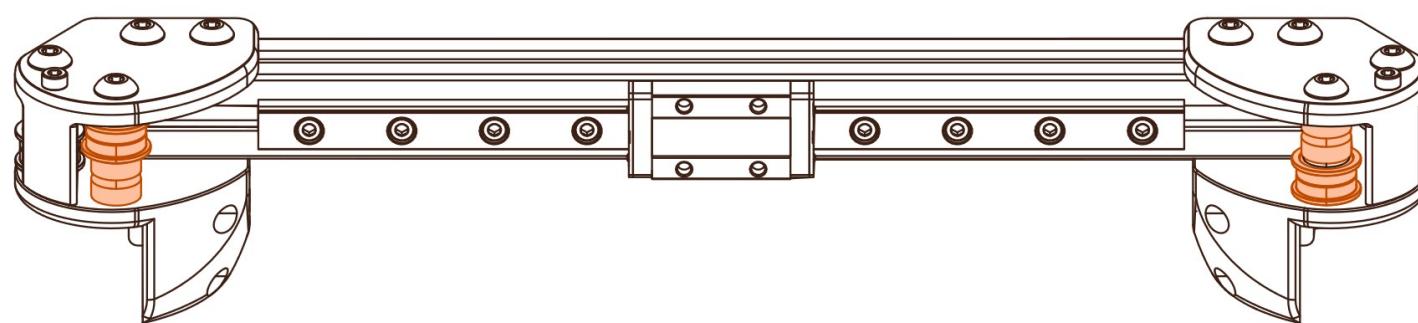
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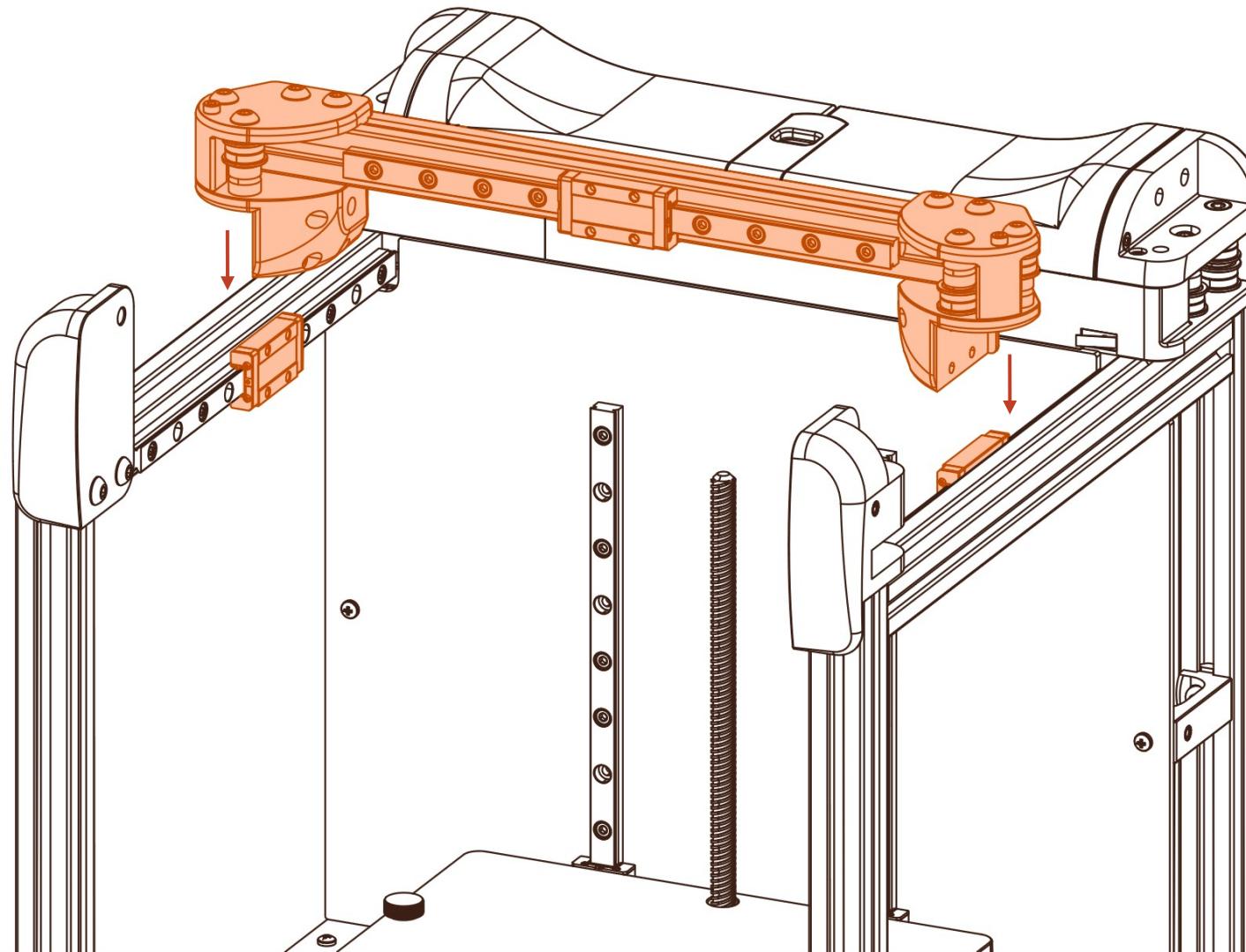


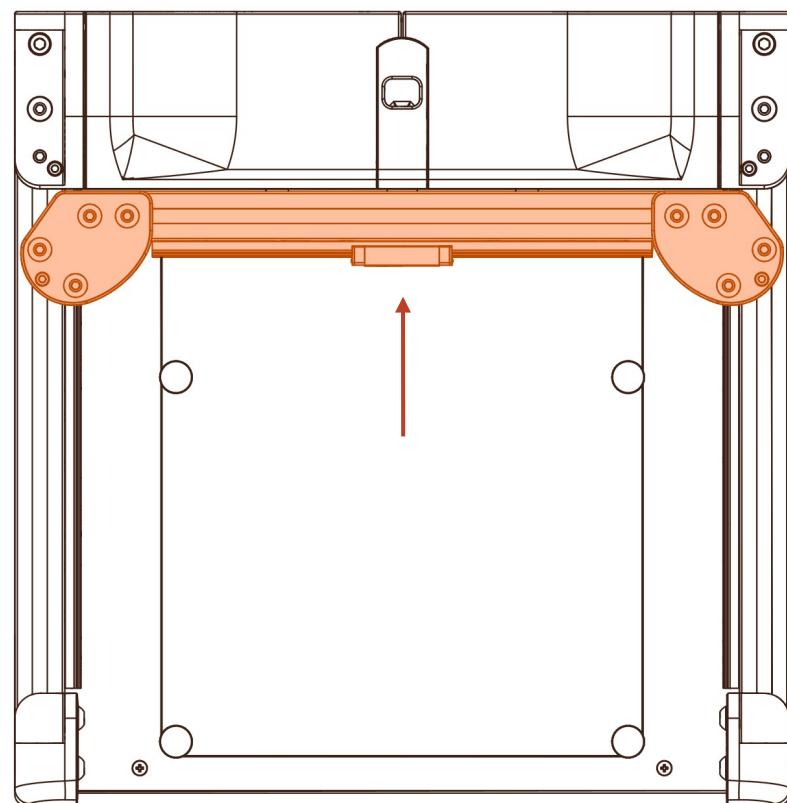
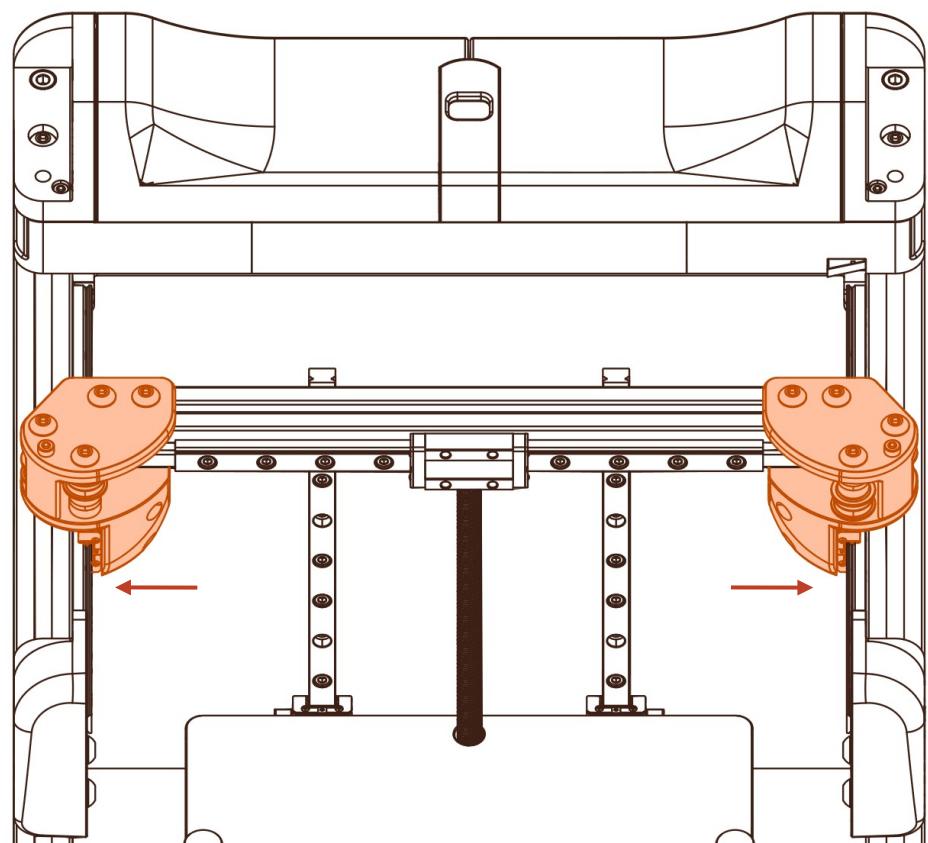
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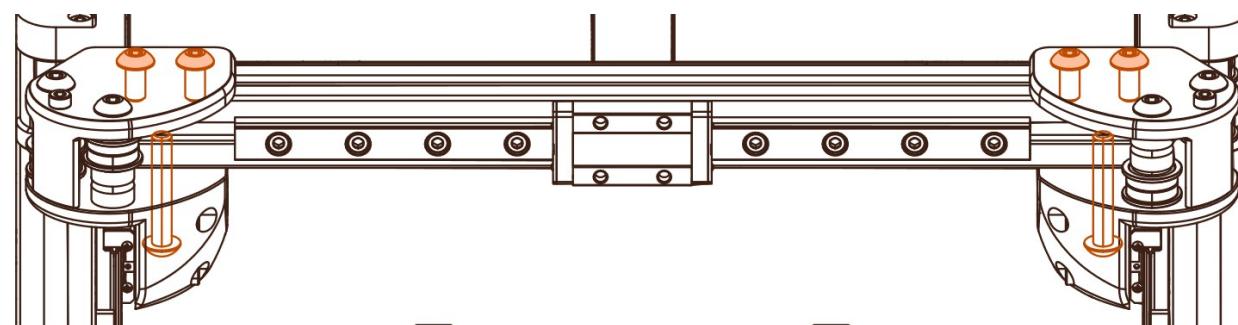
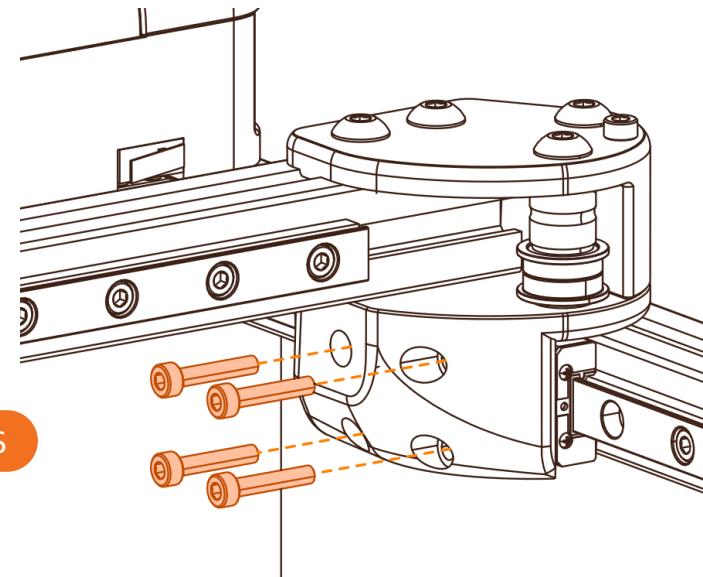
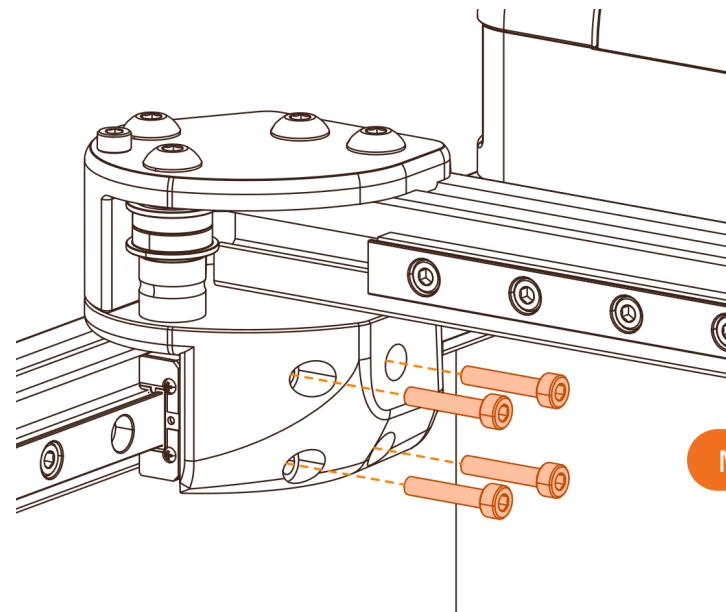


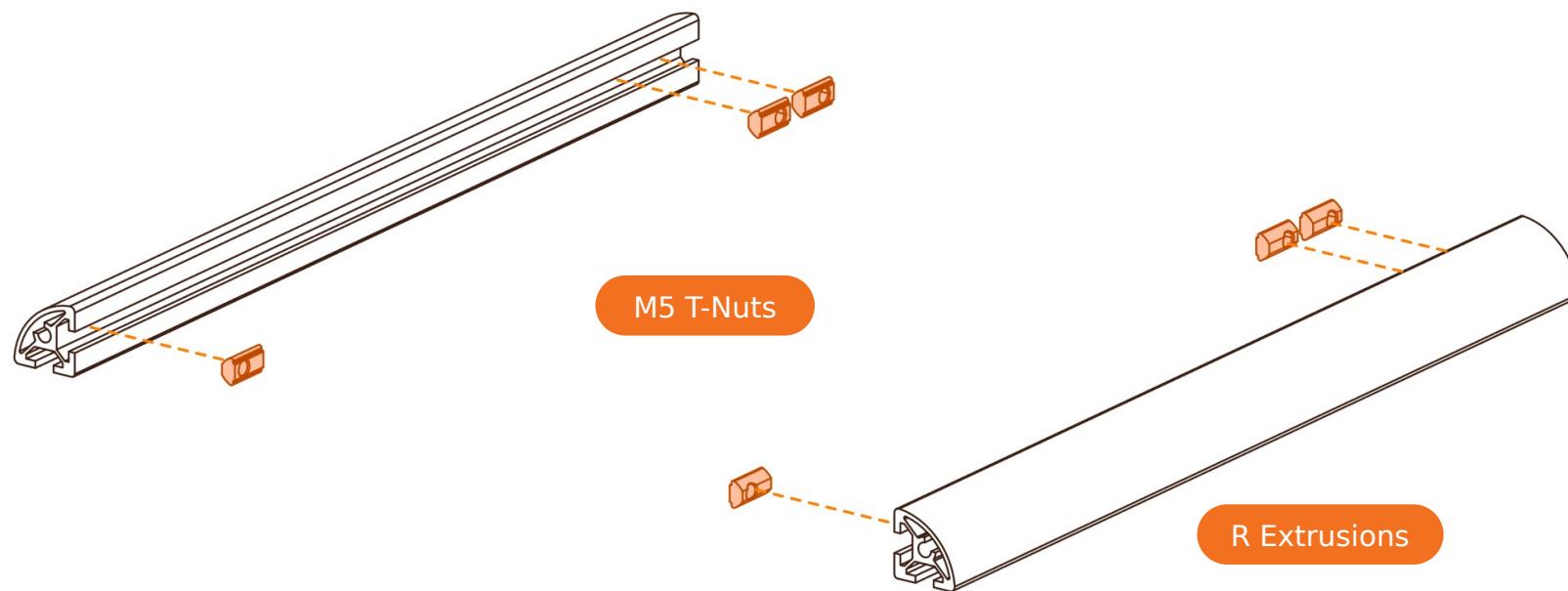
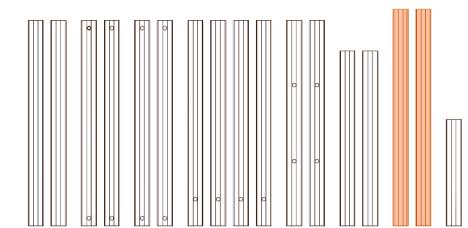
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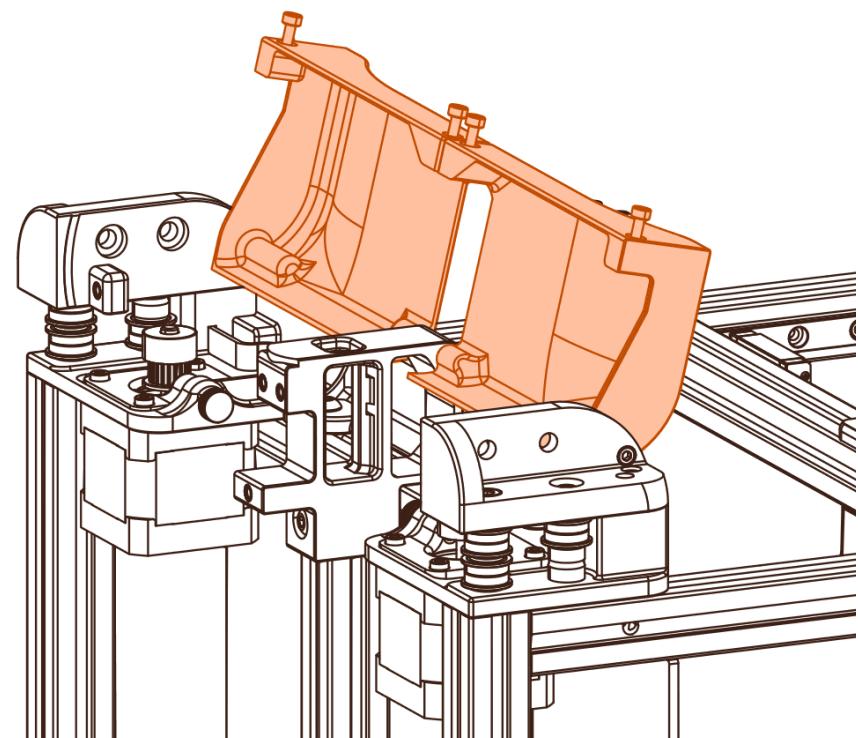
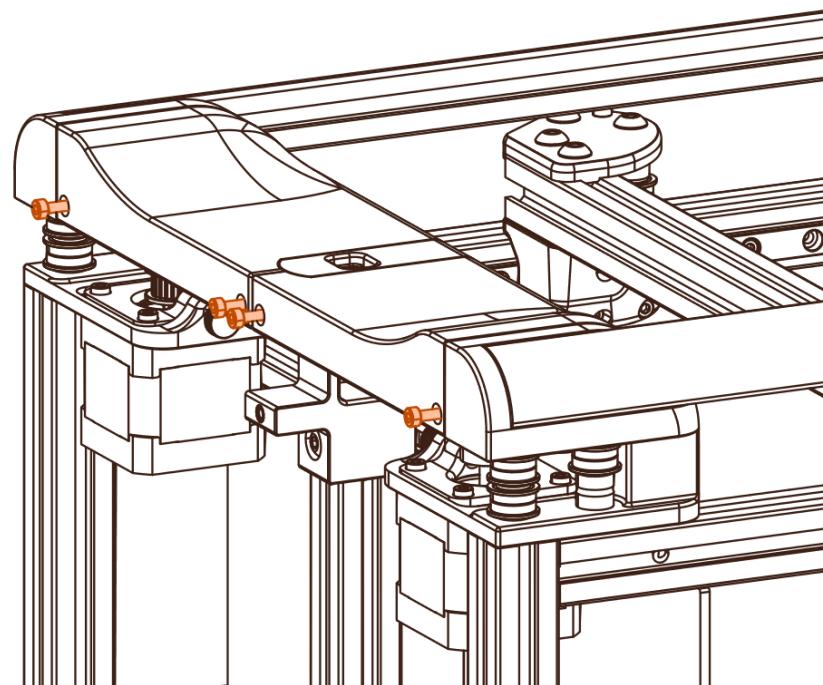


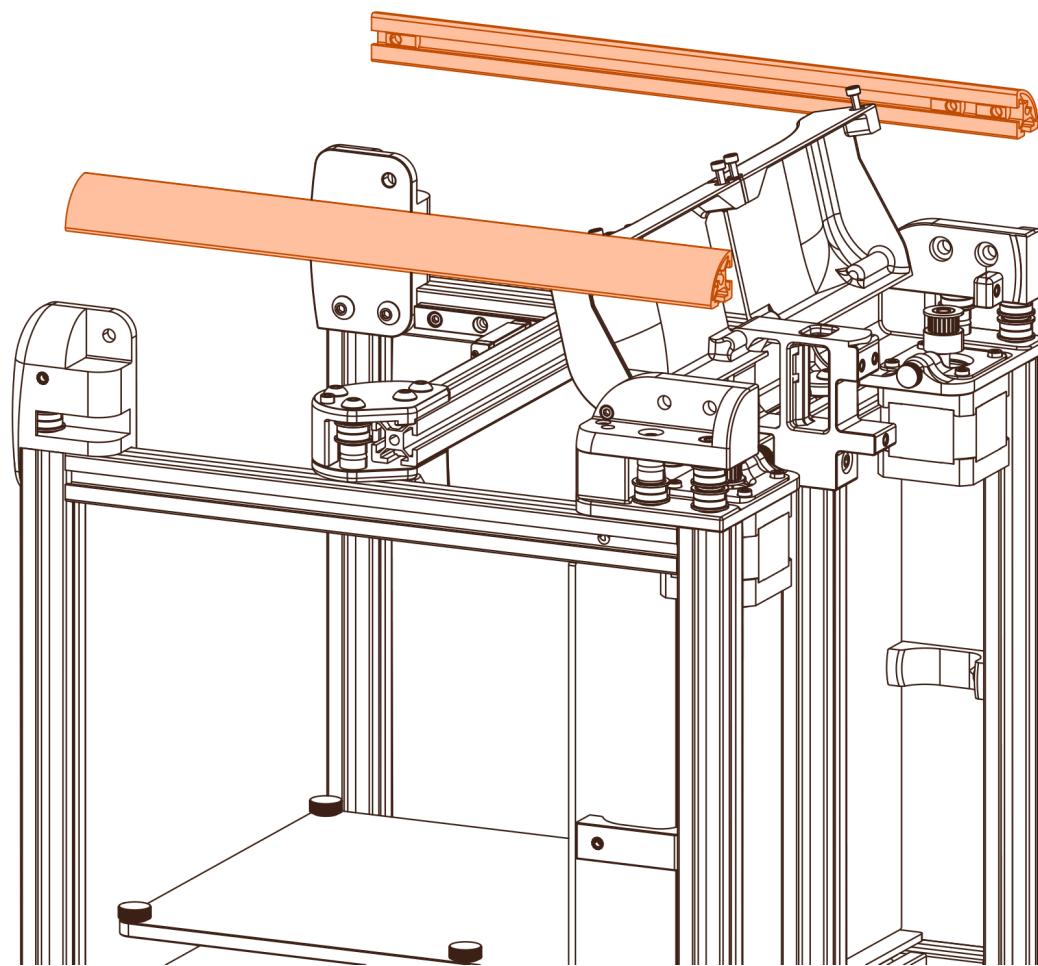


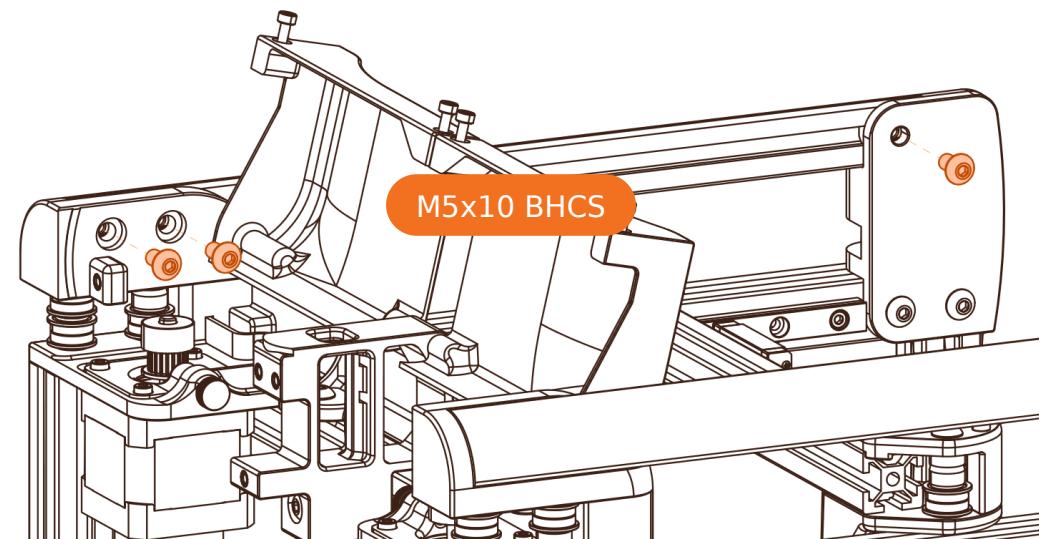
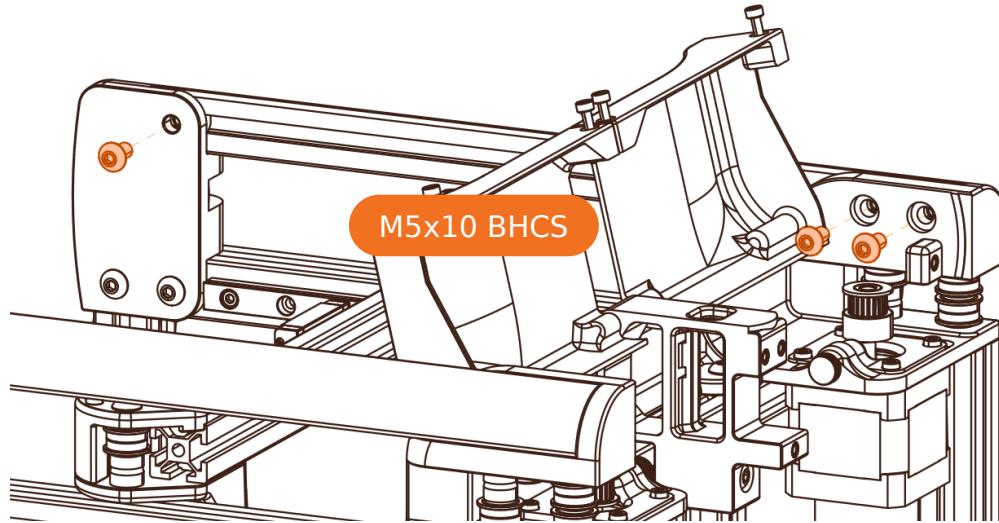


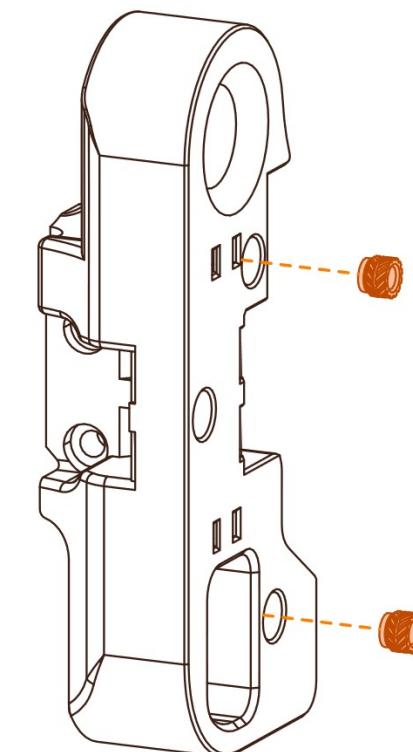
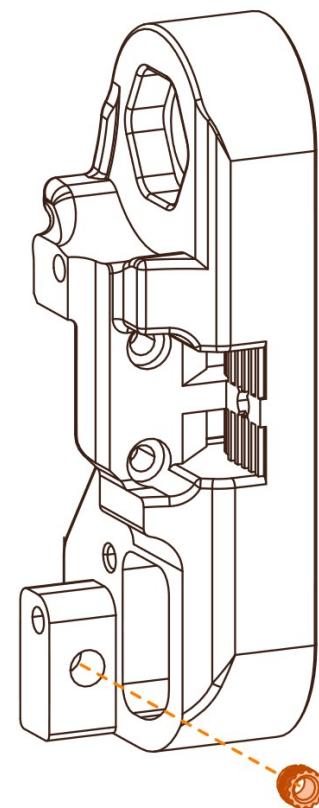
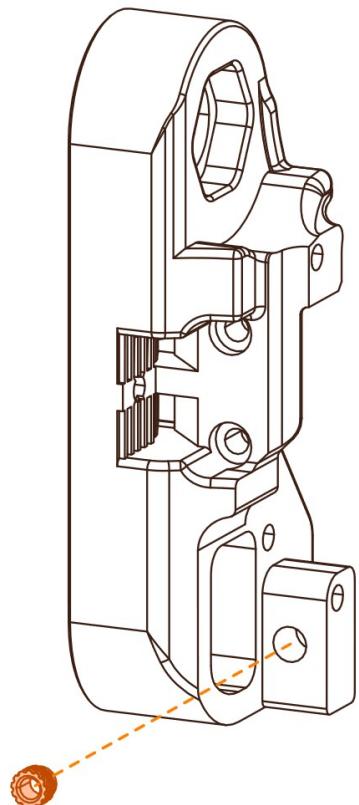


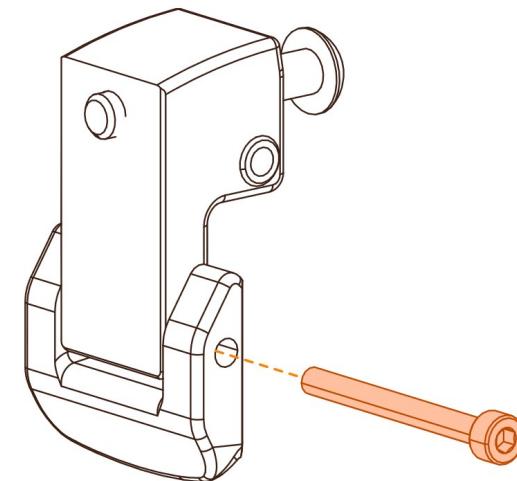
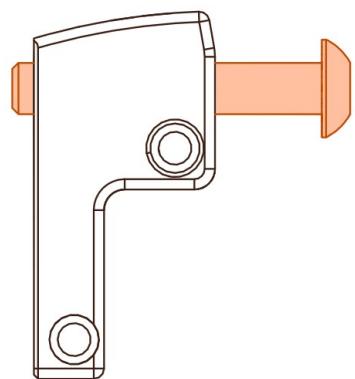
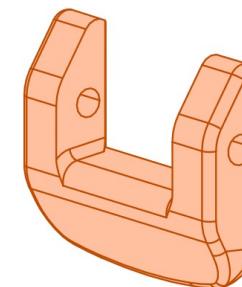
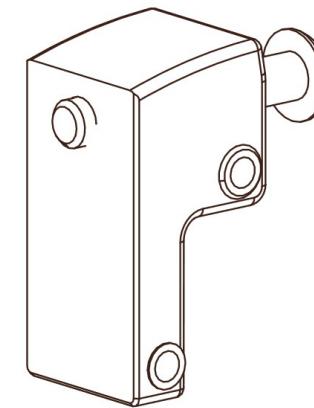
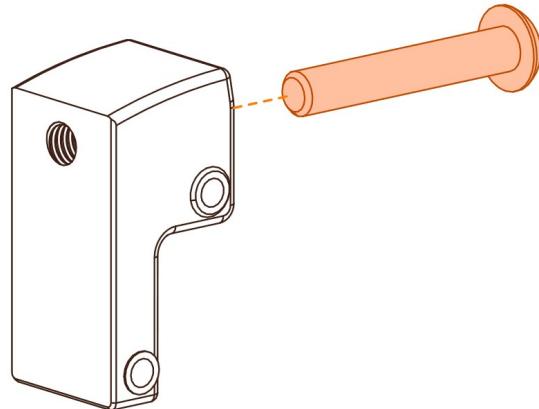


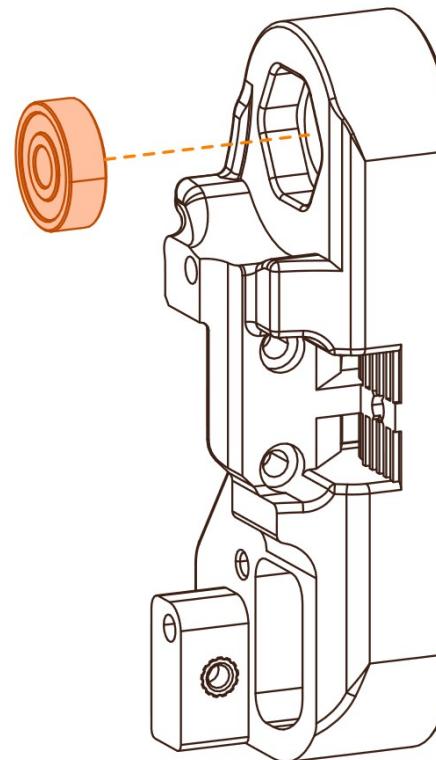
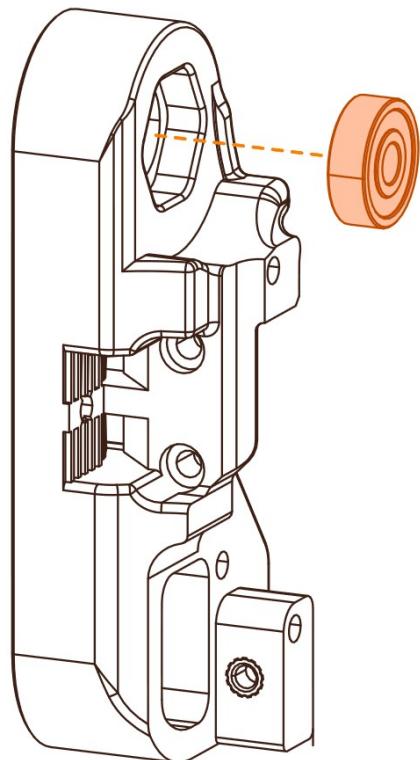


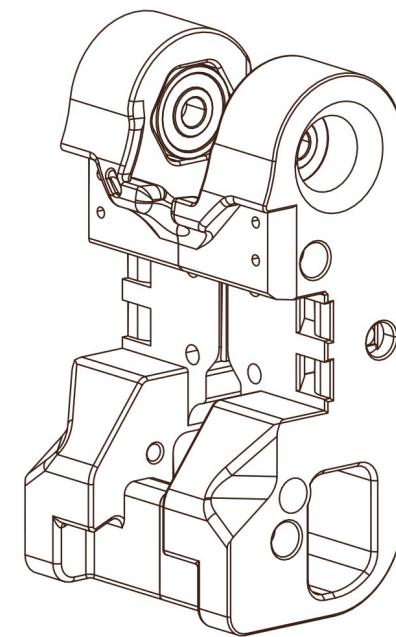
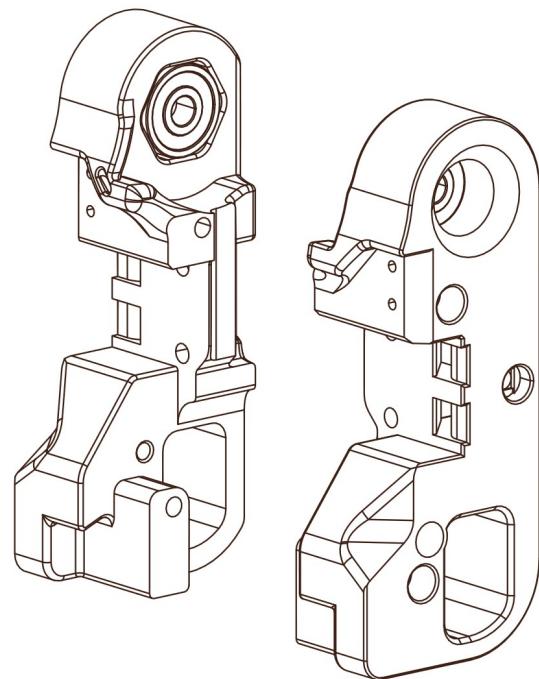


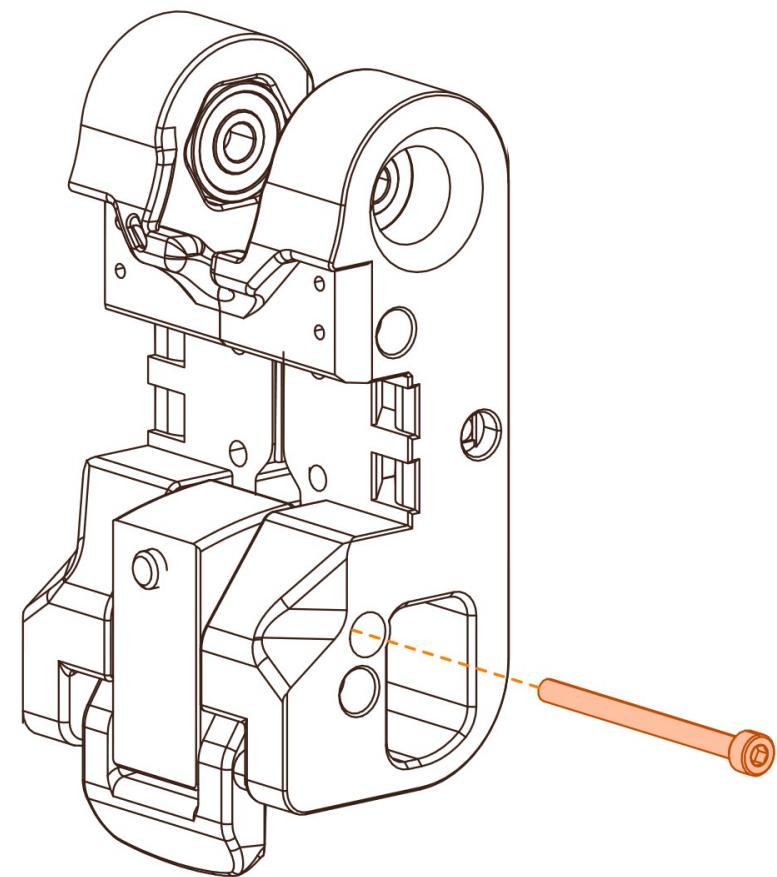
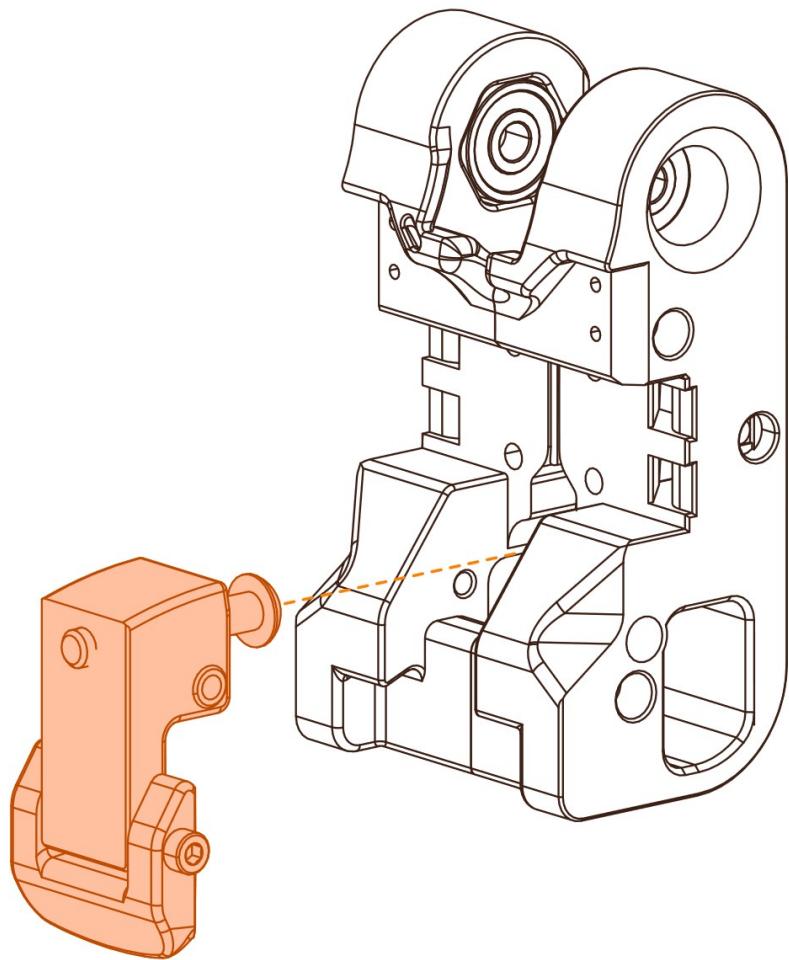


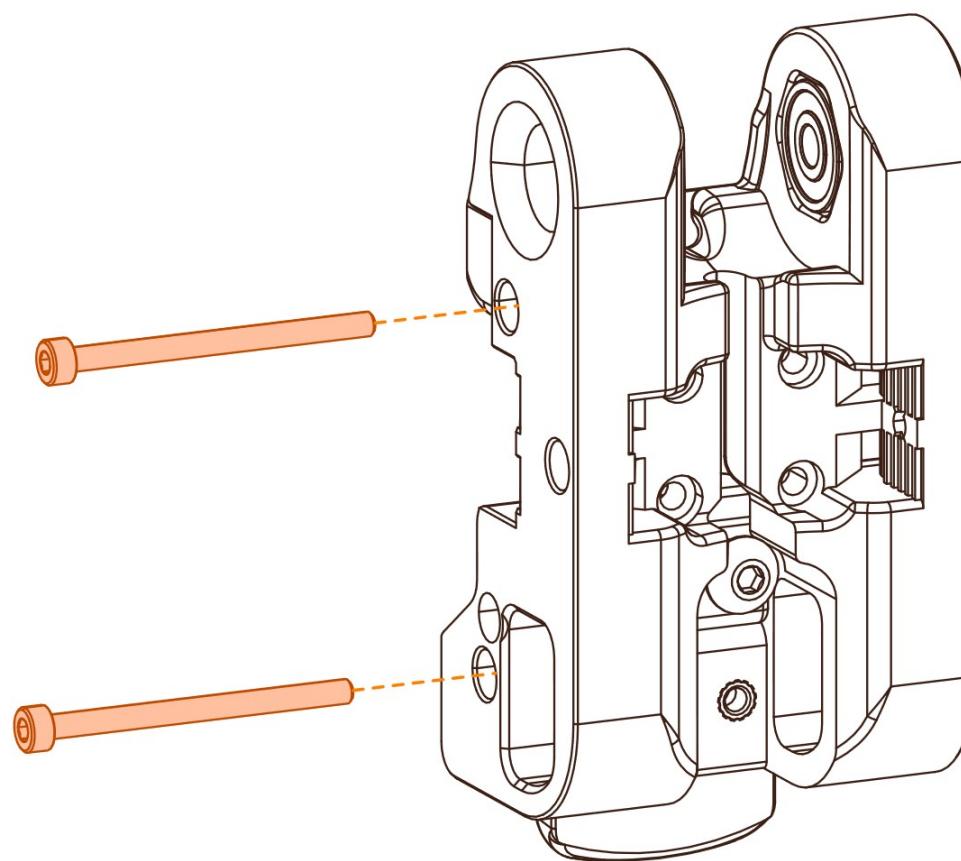


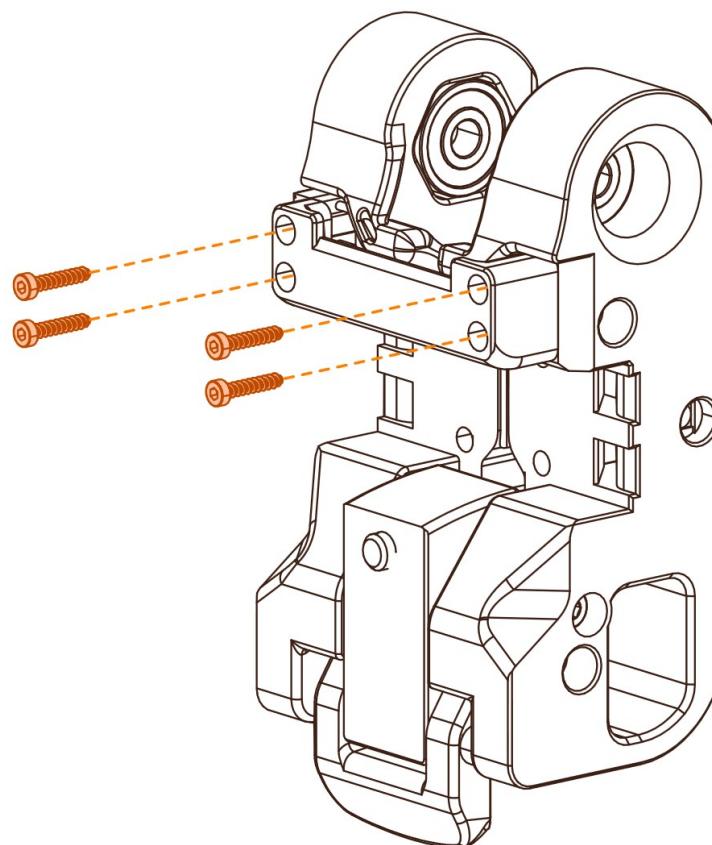
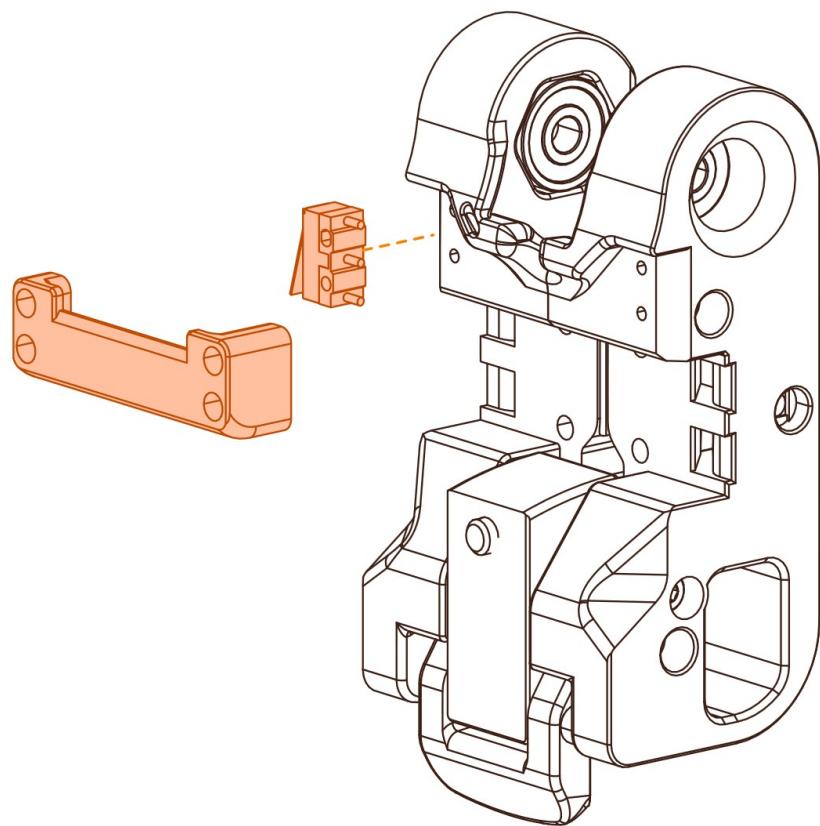


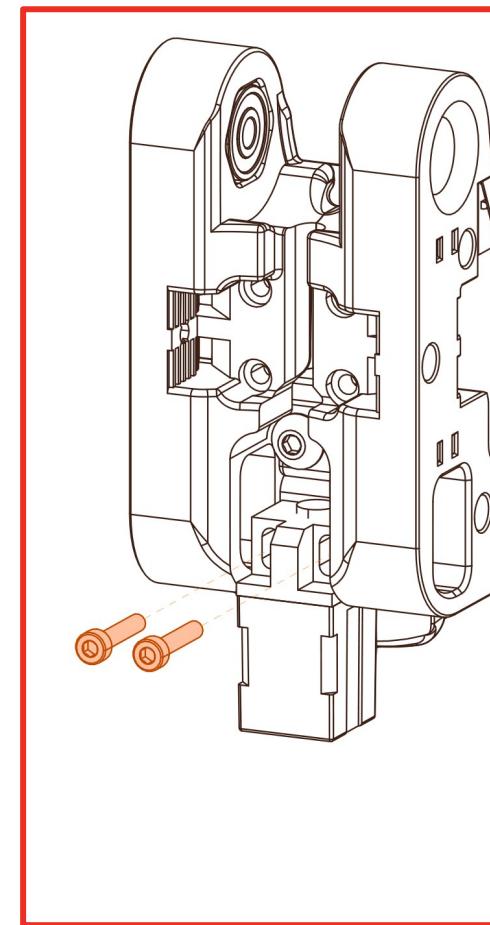
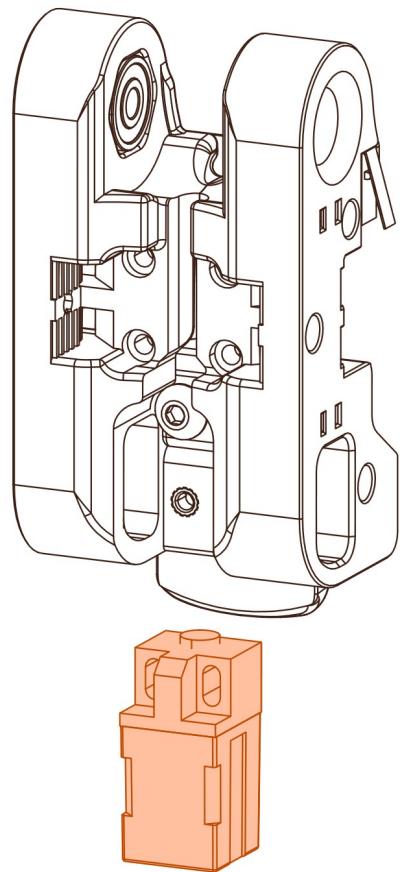




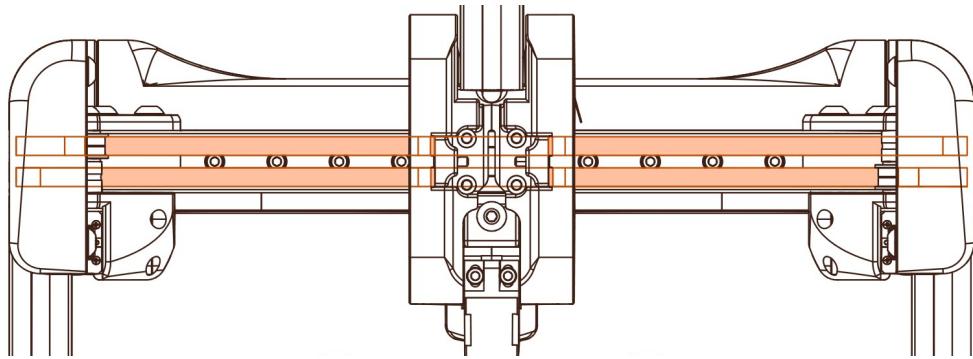








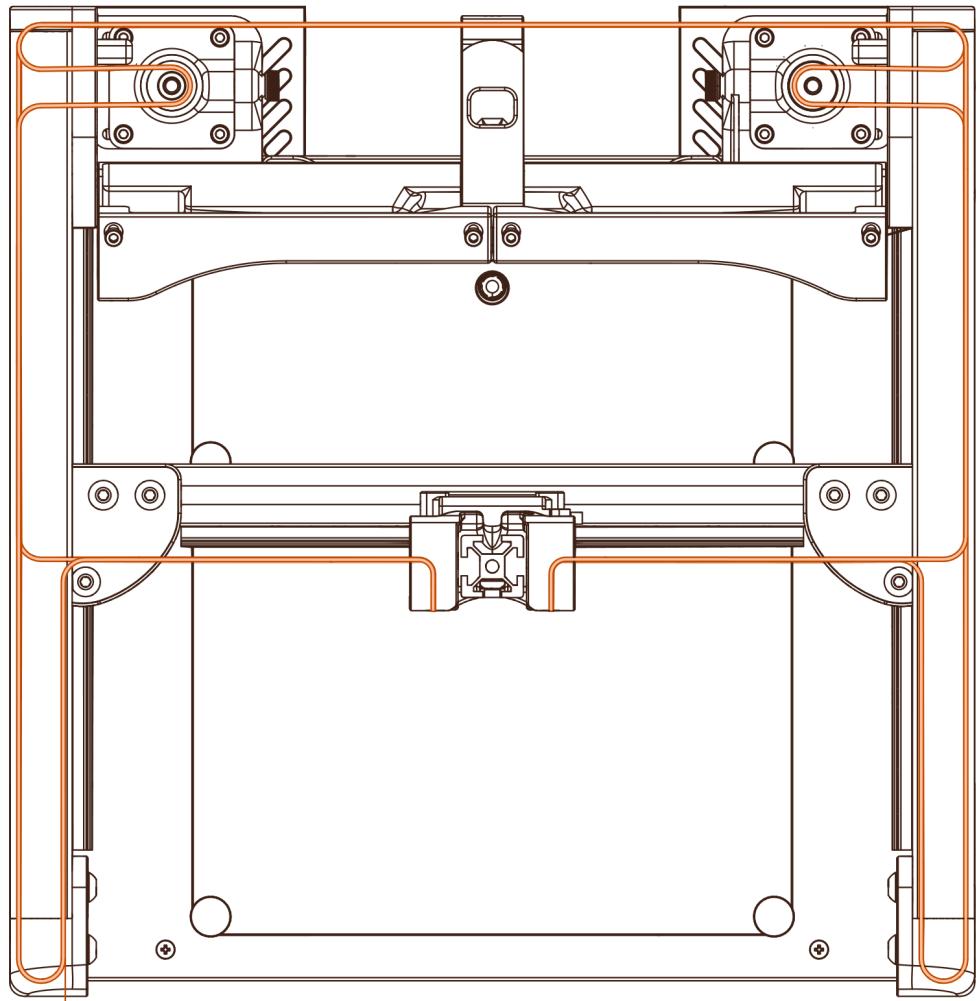
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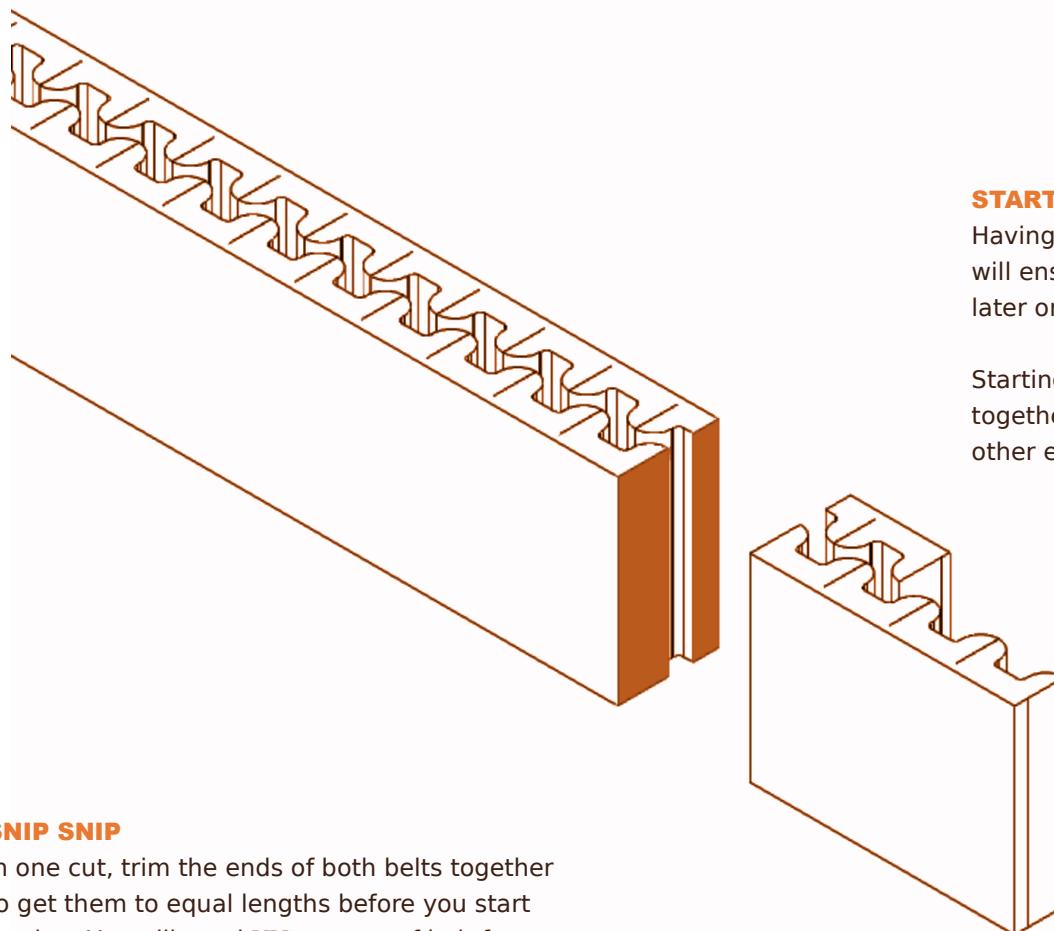
**THE BELT PATH**

The Cocoa Press printer uses a belt path based on the popular CoreXY pattern.

The individual belt paths are stacked on top of each other and the crossing often found in CoreXY designs is omitted. Compared to many other implementations, the motors are moved to a less intrusive position.

Equal belt tension is important to the proper function of a CoreXY motion system.





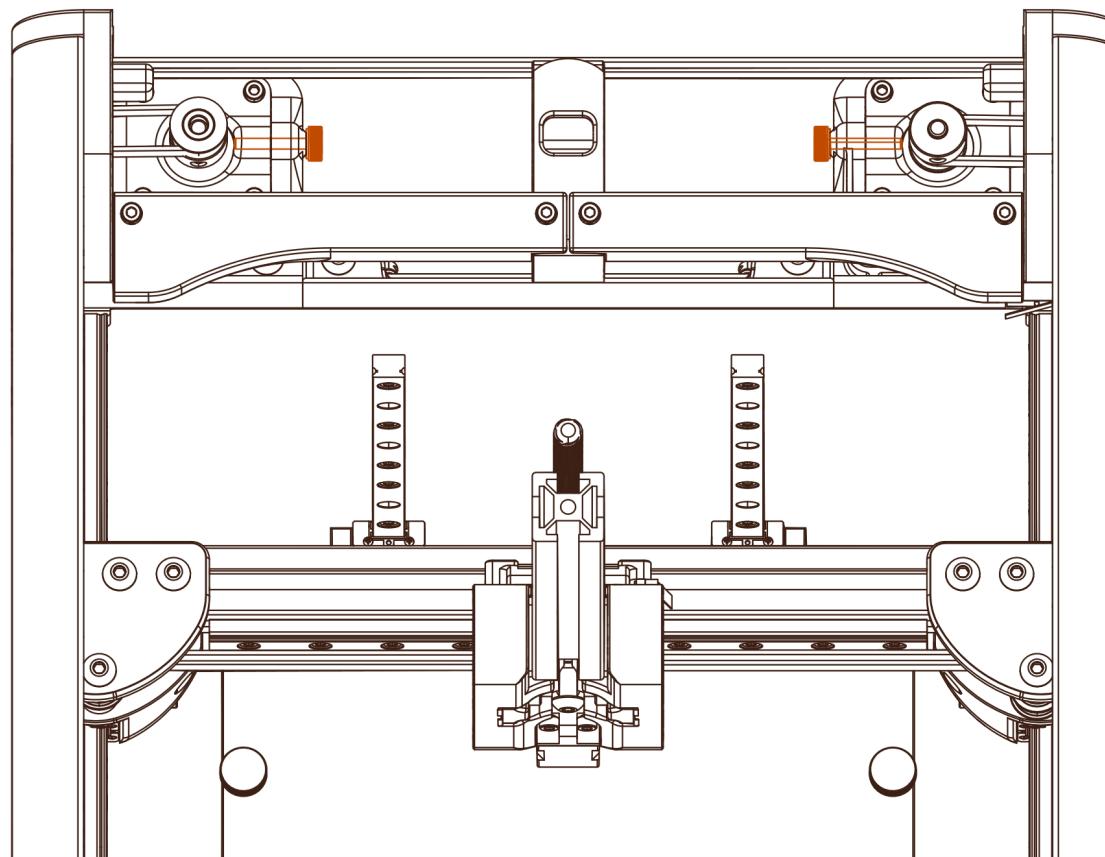
SNIP SNIP

In one cut, trim the ends of both belts together to get them to equal lengths before you start routing. You will need **XX meters** of belt for each run.

START WITH EQUAL BELT LENGTHS

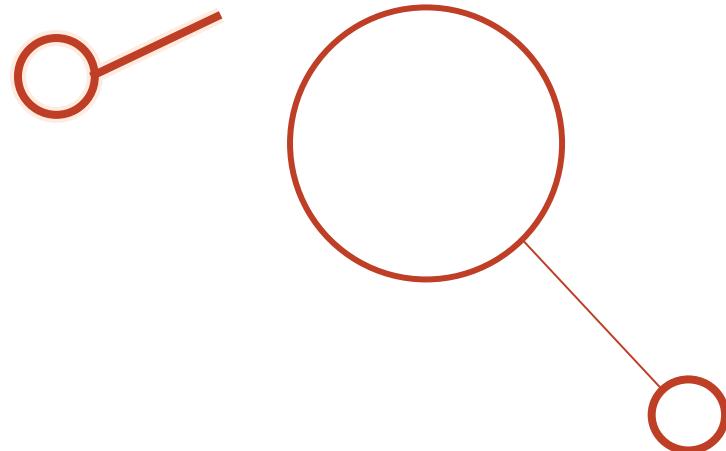
Having both belts be the exact same length will ensure that you can set proper tension later on.

Starting at one end, line the two belt runs together, meshing their teeth like a zipper. The other end will most likely be unequal.



Attributes

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80mm

Top

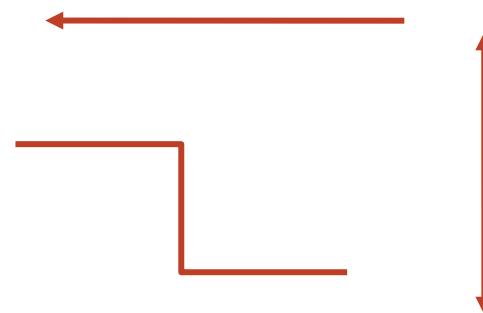
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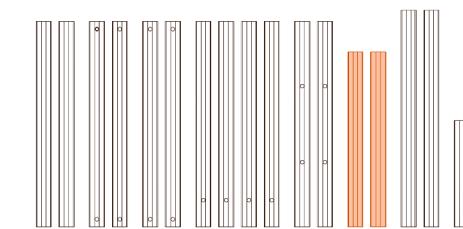
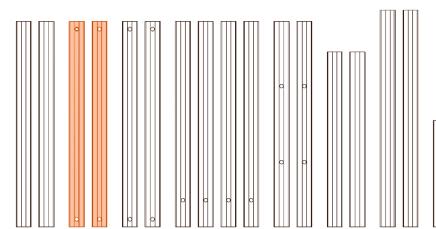
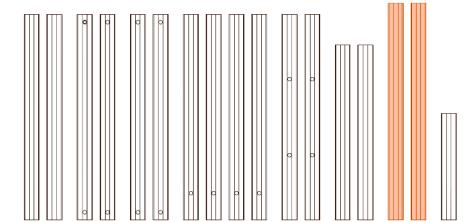
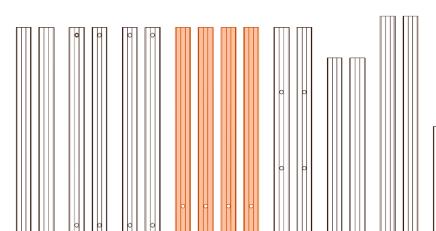
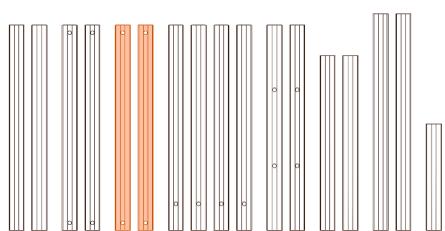
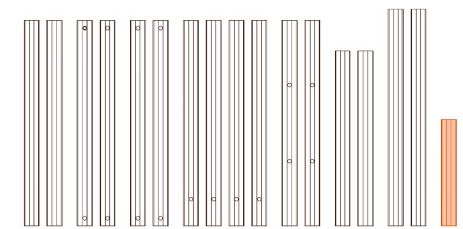
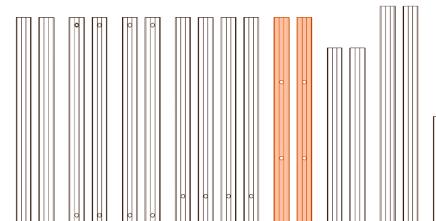
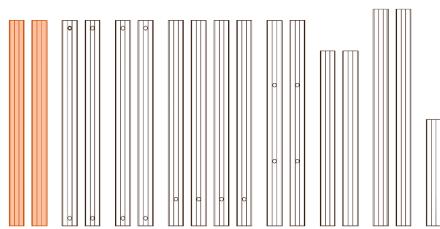
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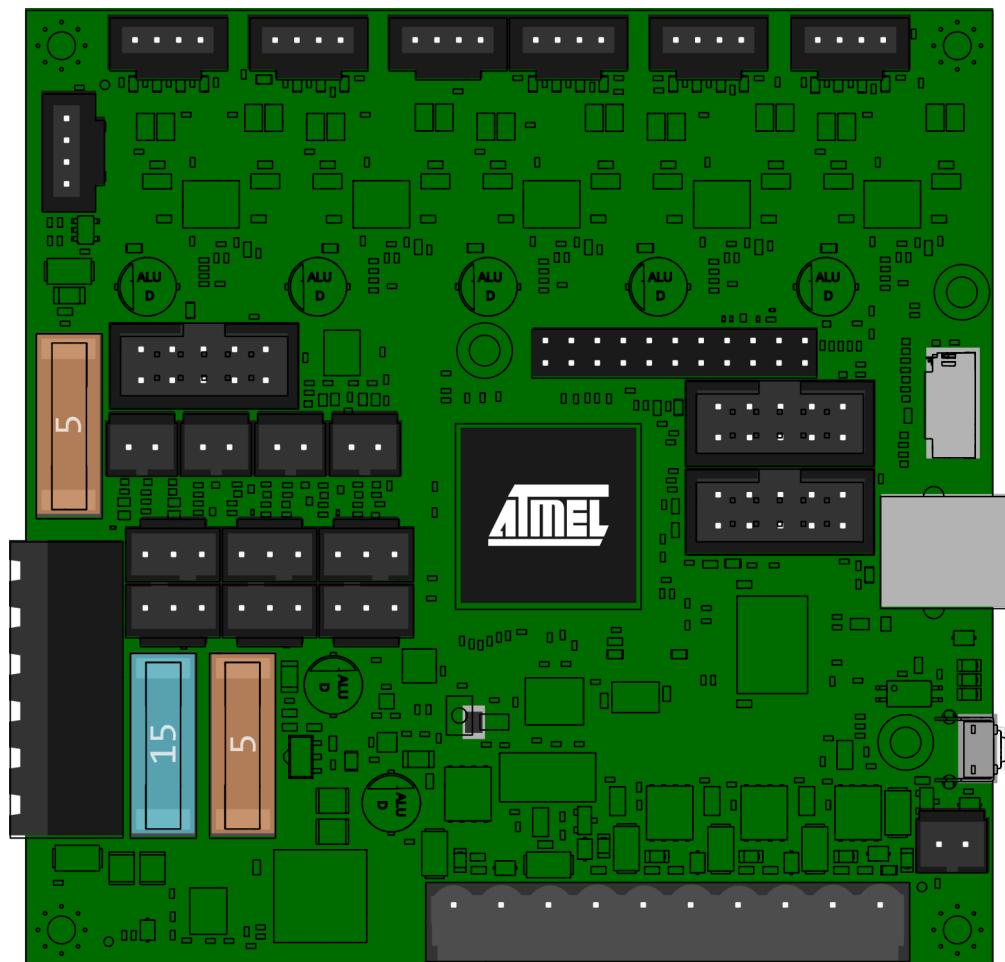
NOTE HEADING

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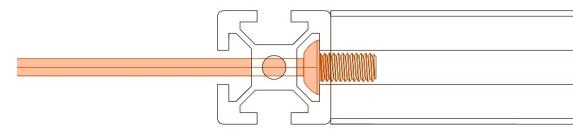
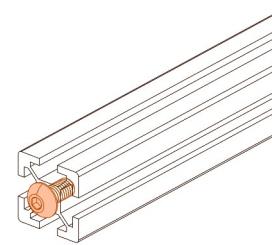
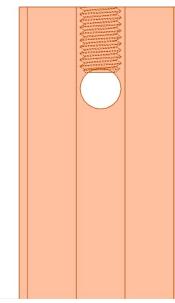
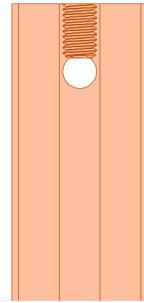
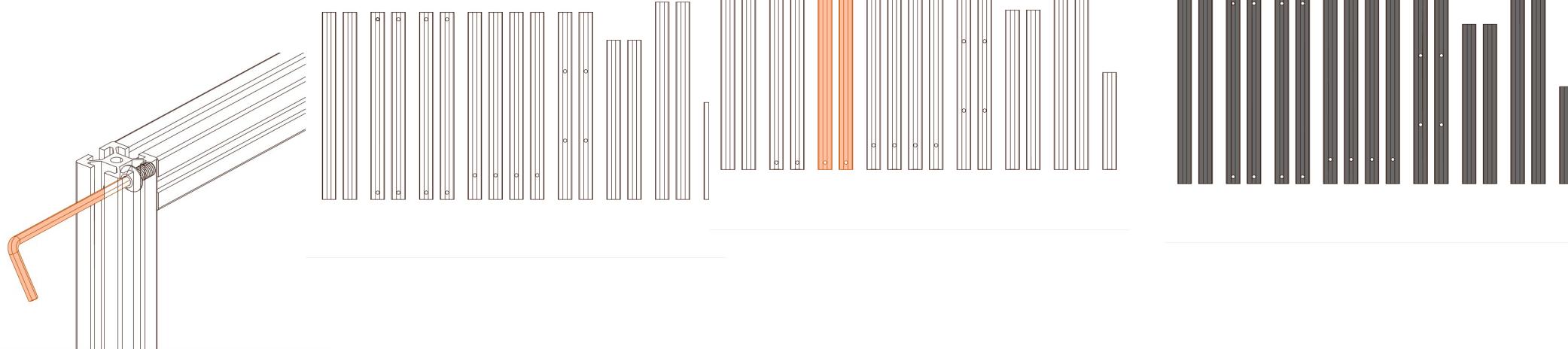


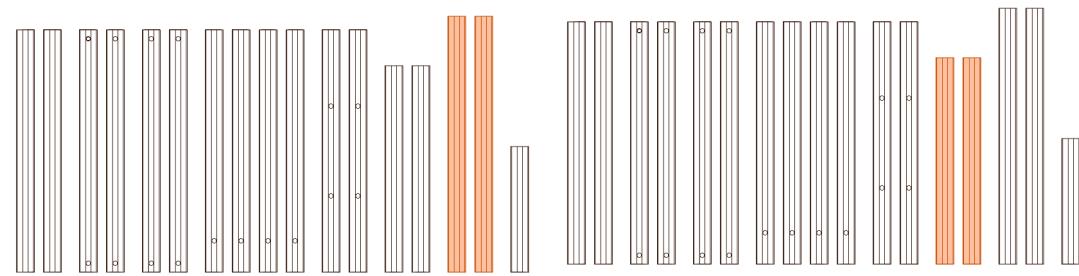
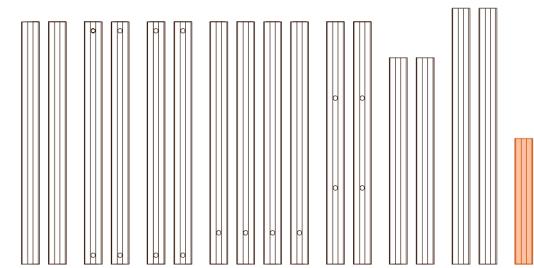
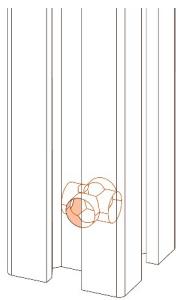
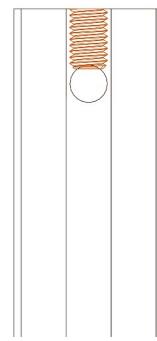
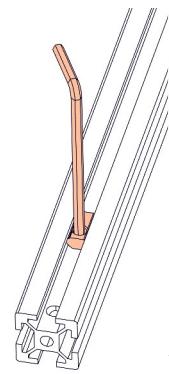
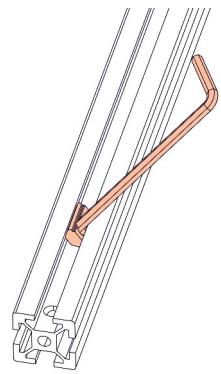
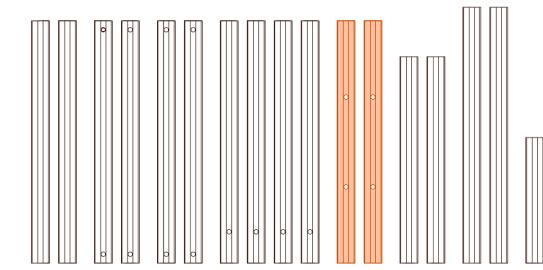


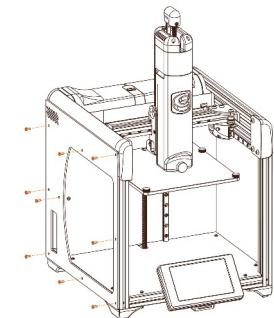
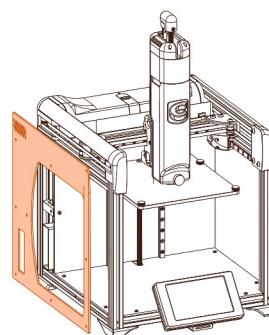
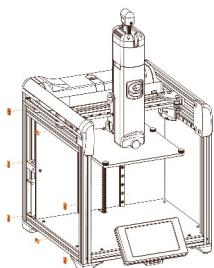
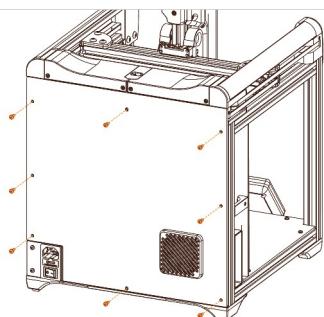
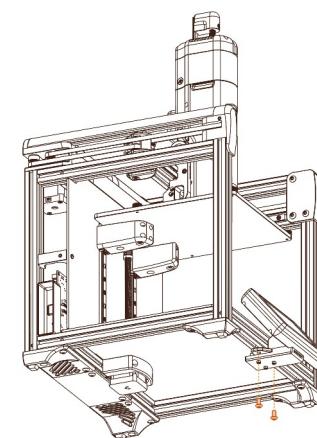
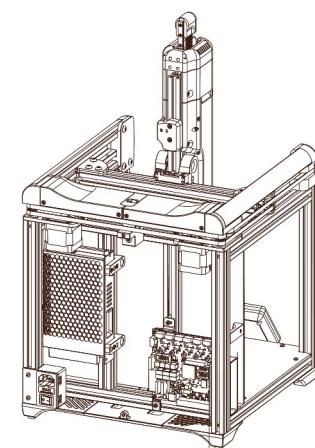
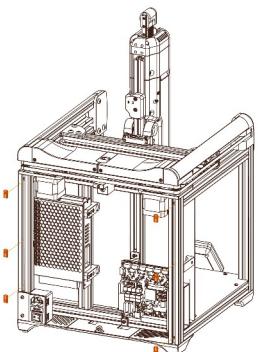
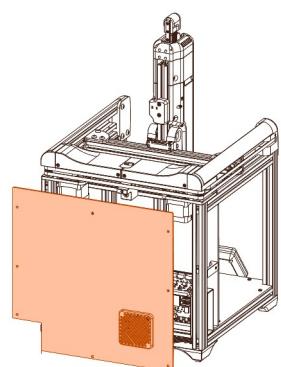
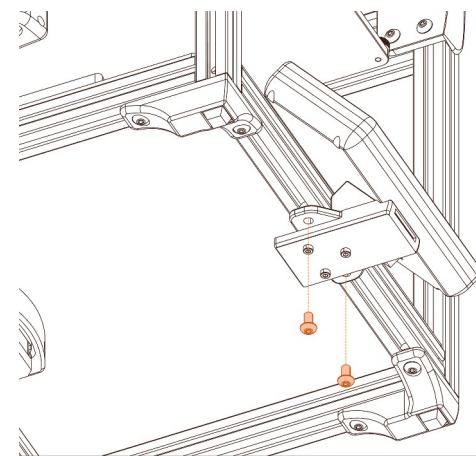
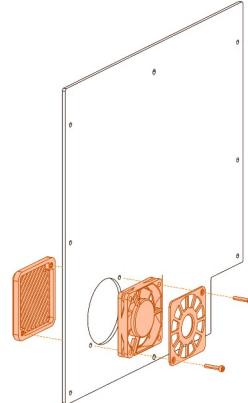
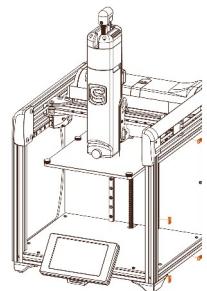
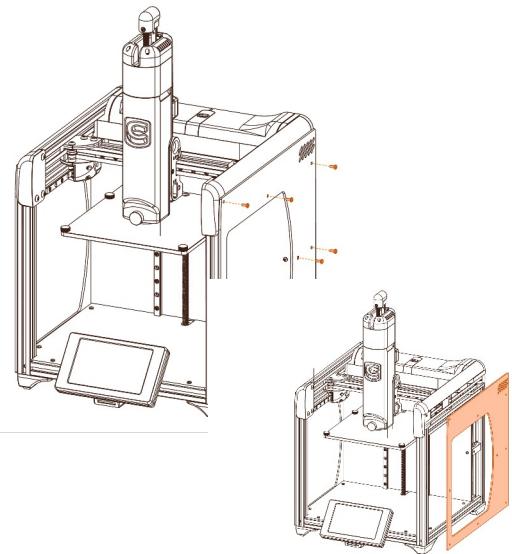


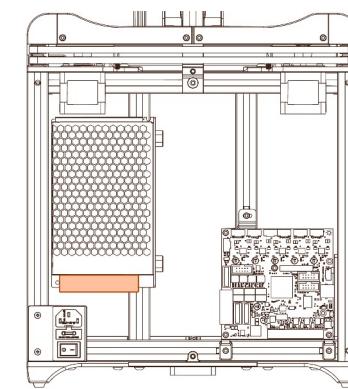
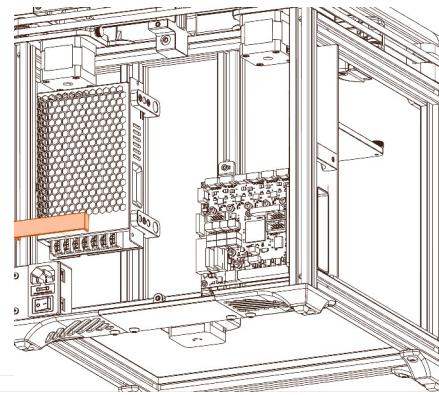
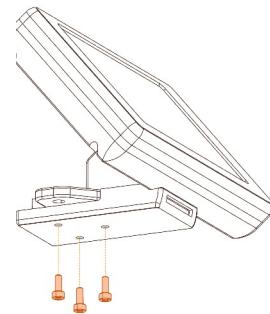
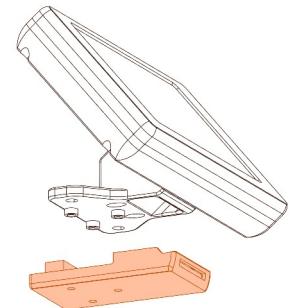
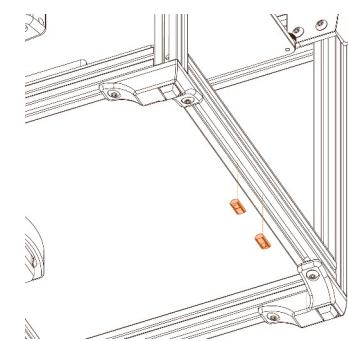
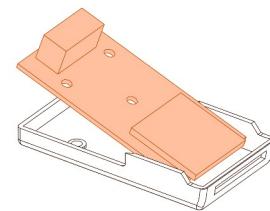
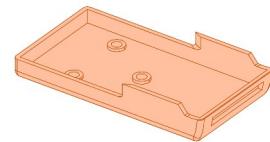
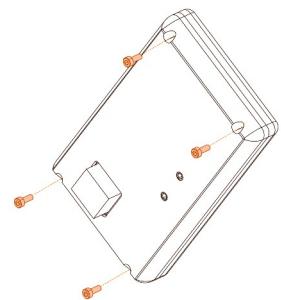
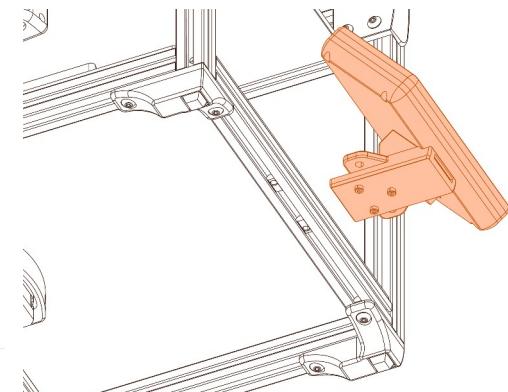
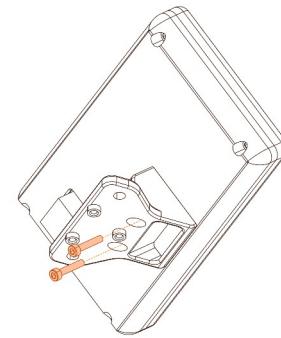
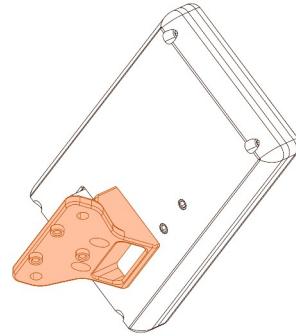
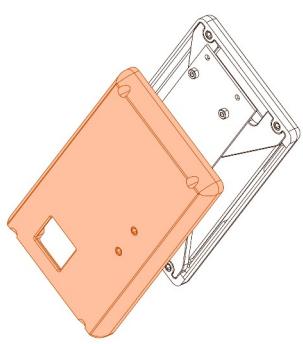
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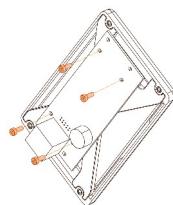
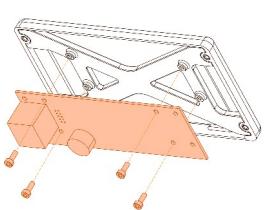
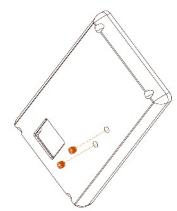
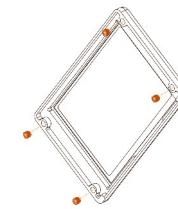
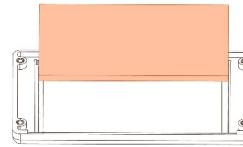
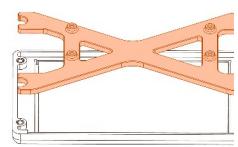
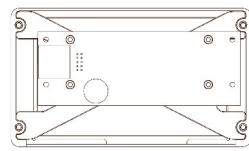
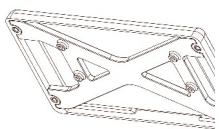
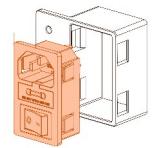
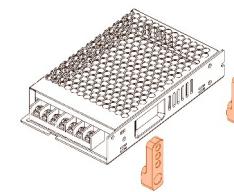
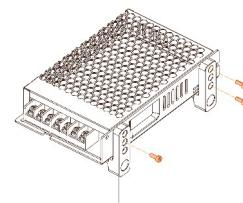
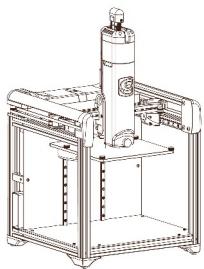


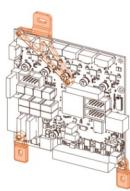
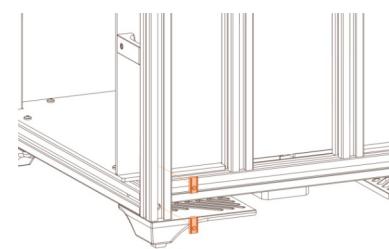
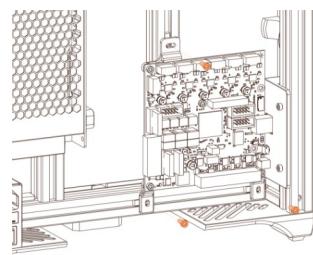
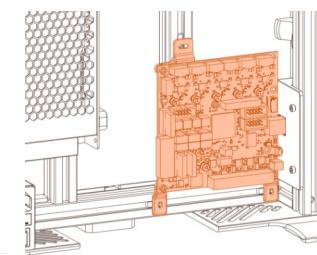
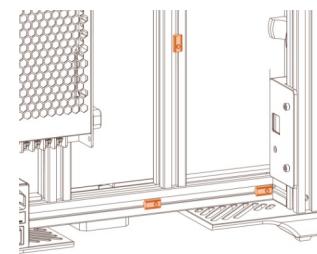
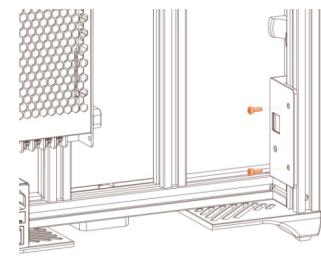
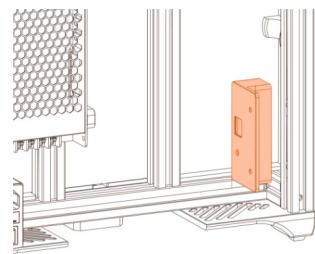
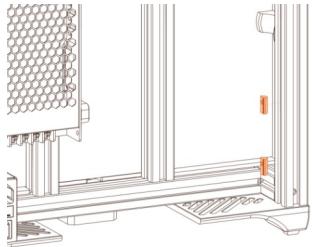
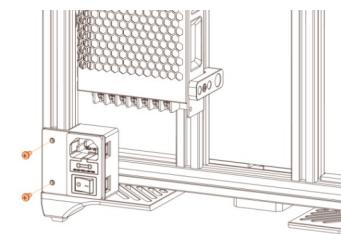
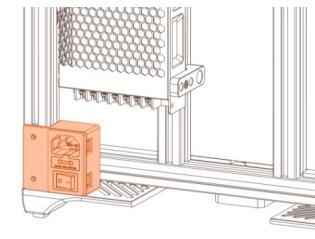
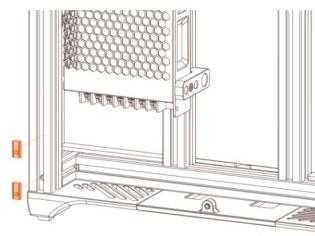
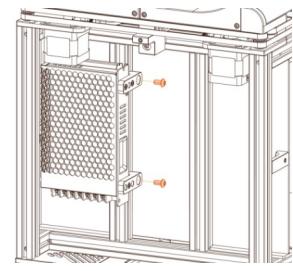
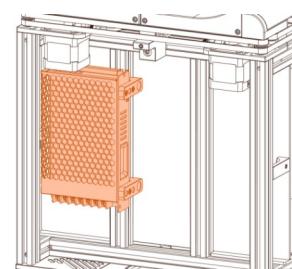
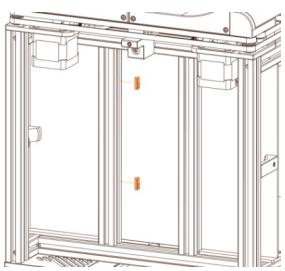
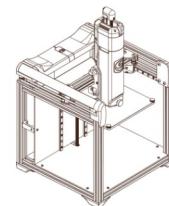
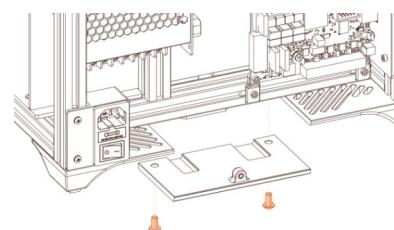
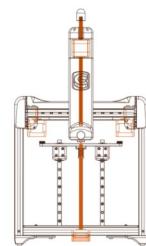
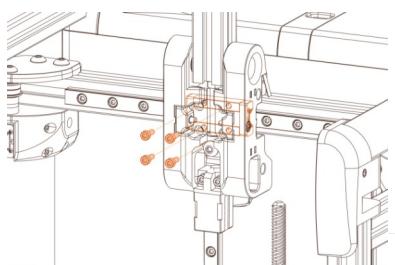


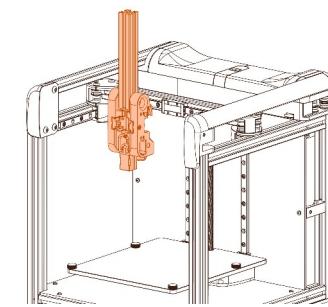
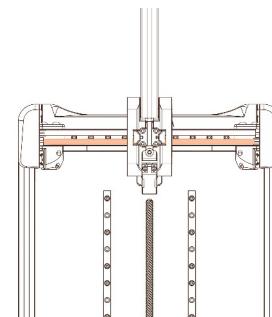
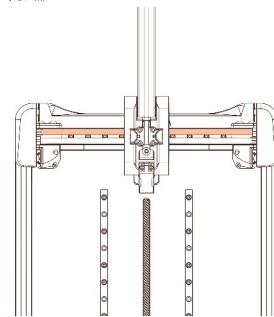
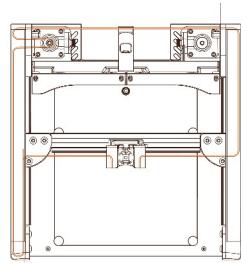
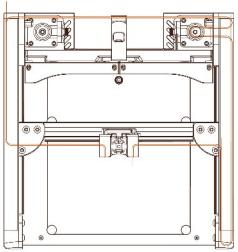
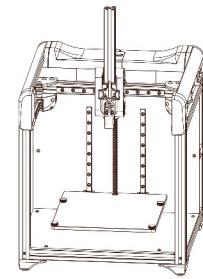
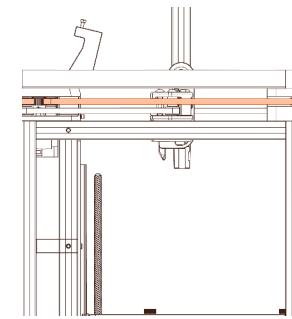
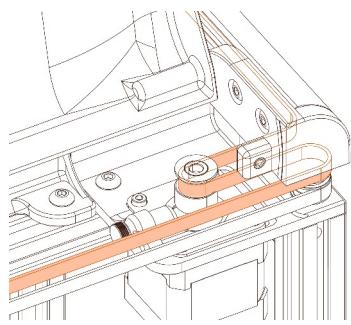
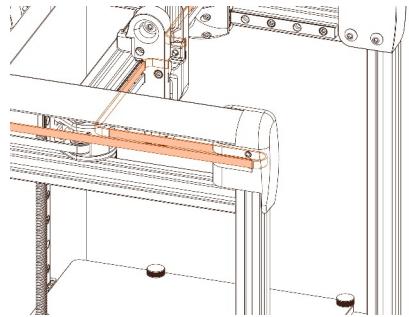


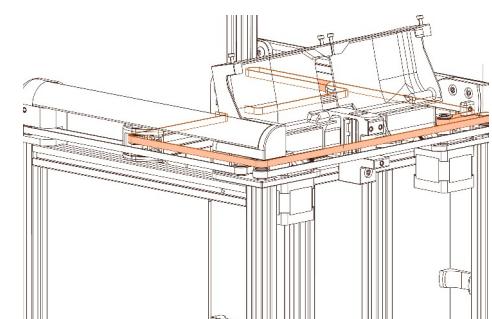
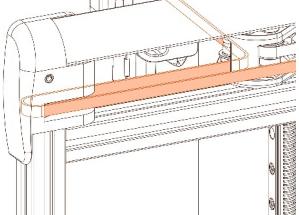
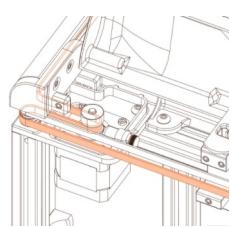
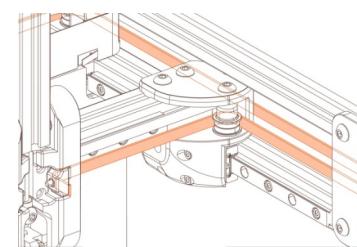
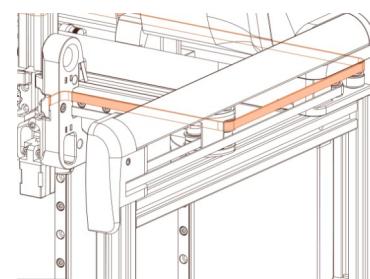
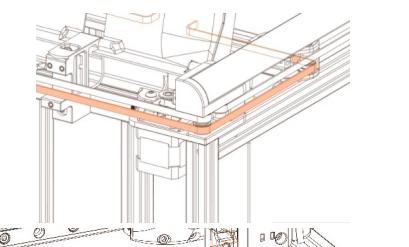
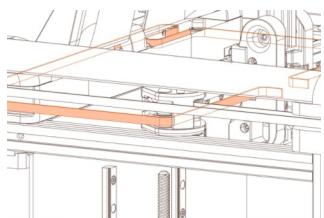
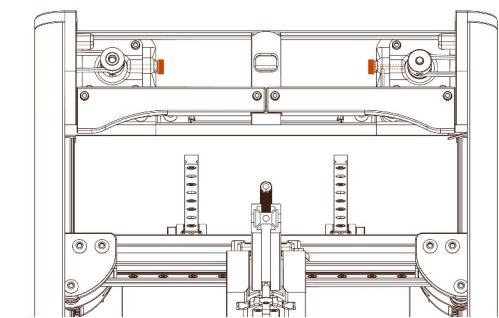
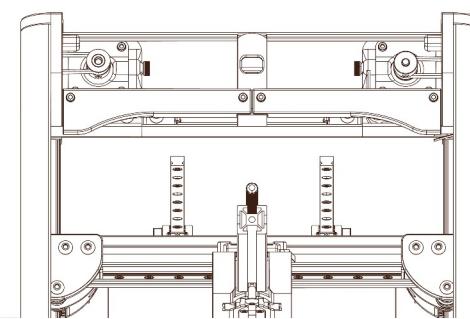
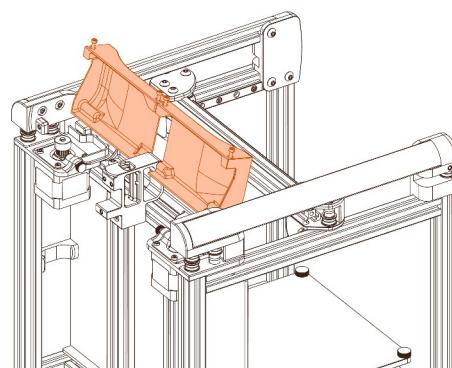
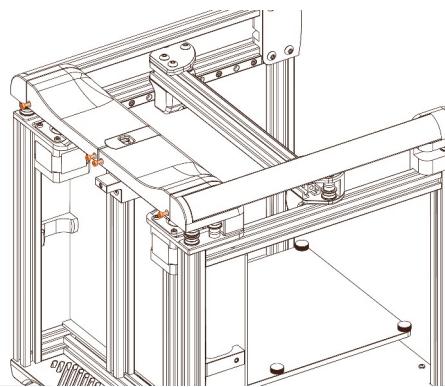
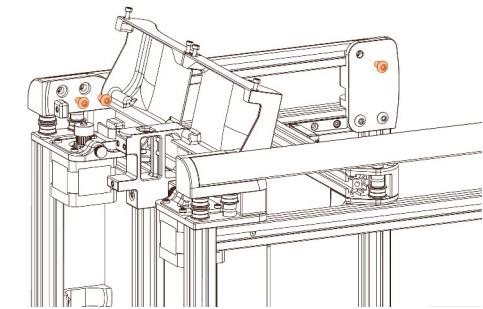
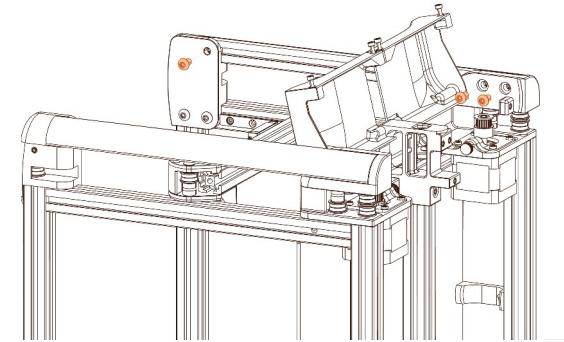
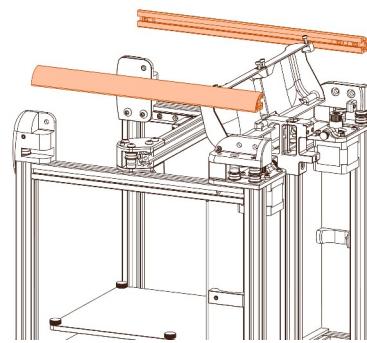
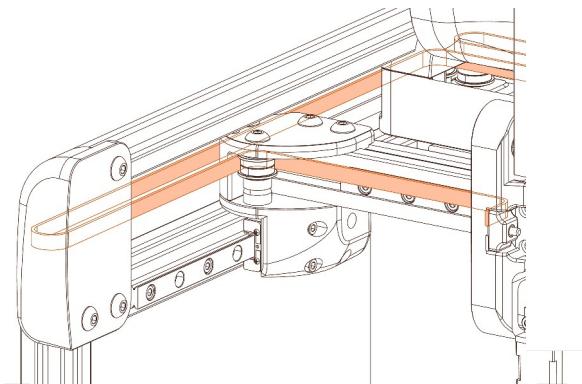


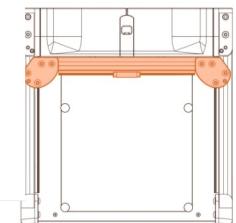
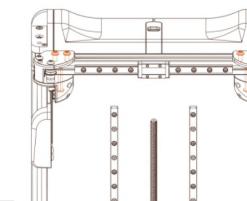
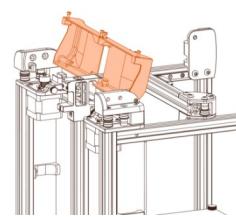
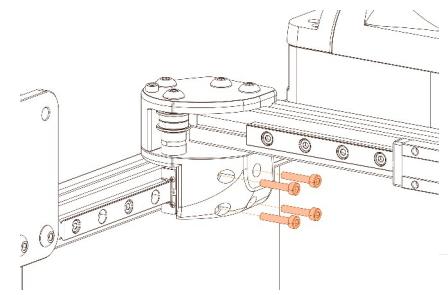
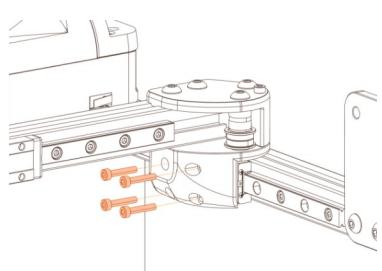
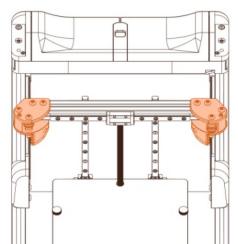
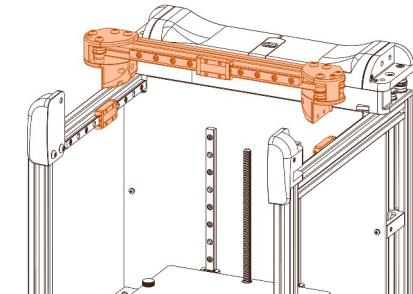
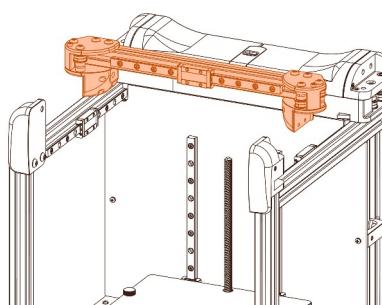
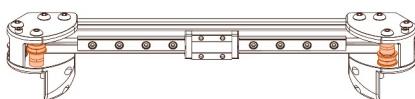
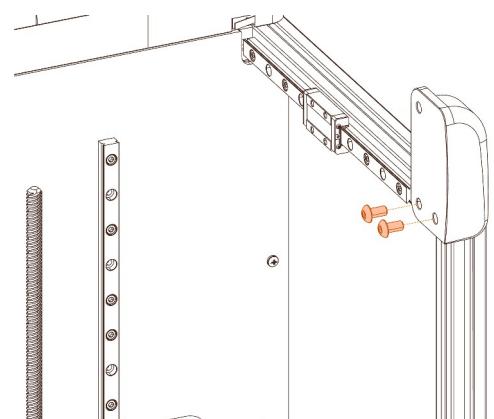
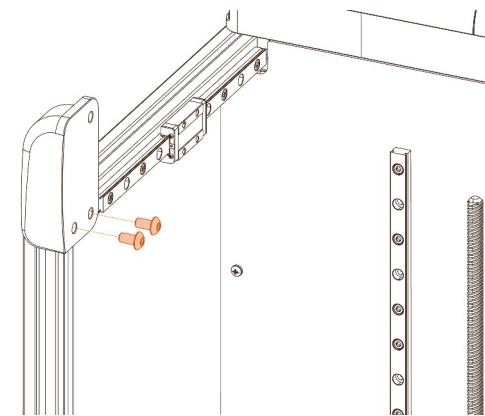
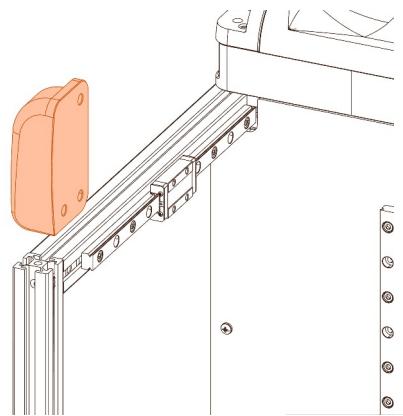
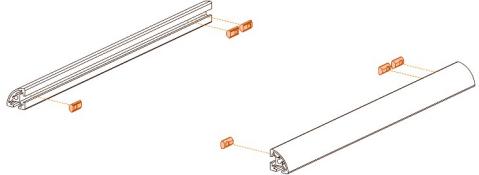


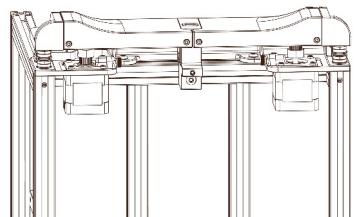
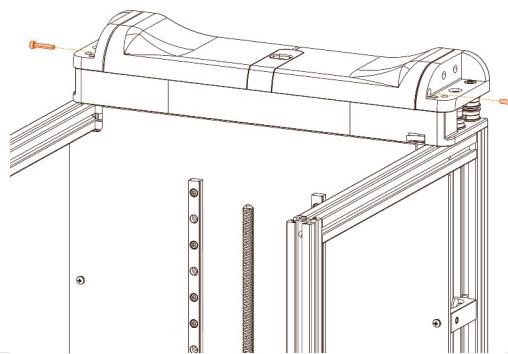
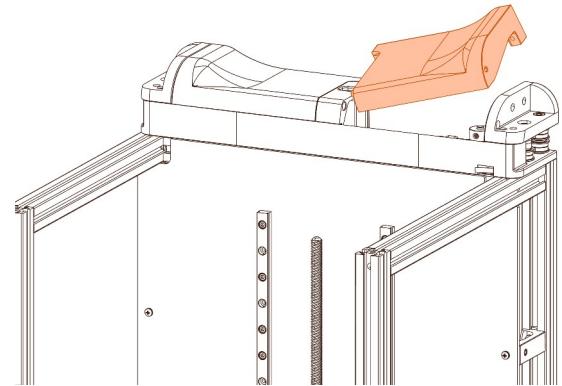
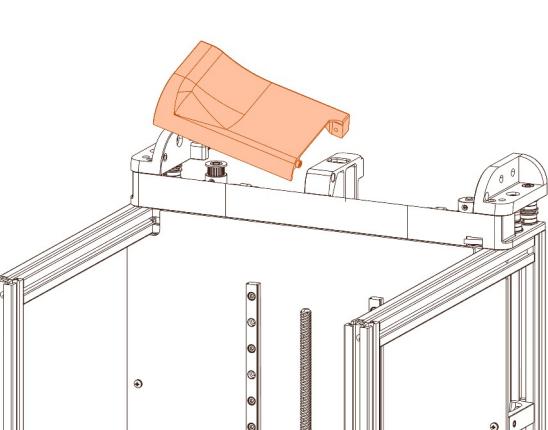
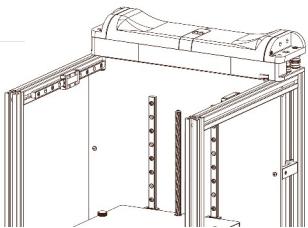
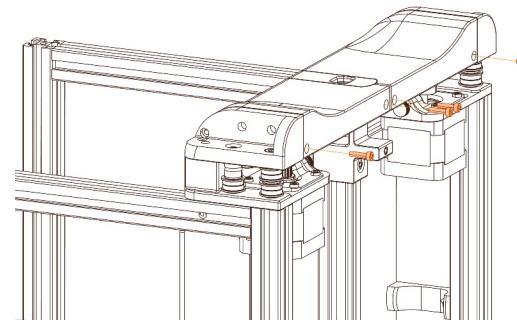
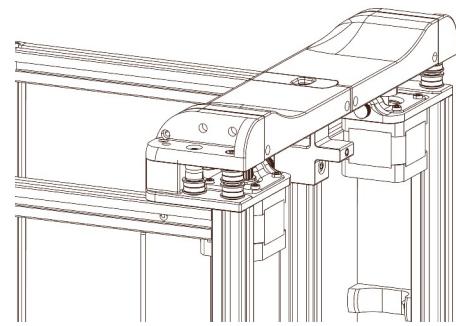
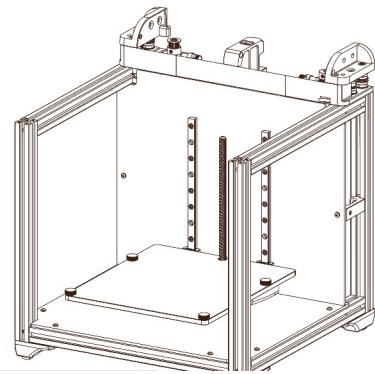
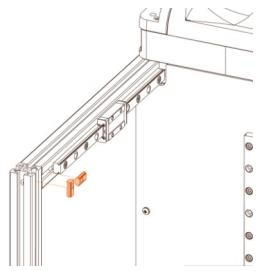
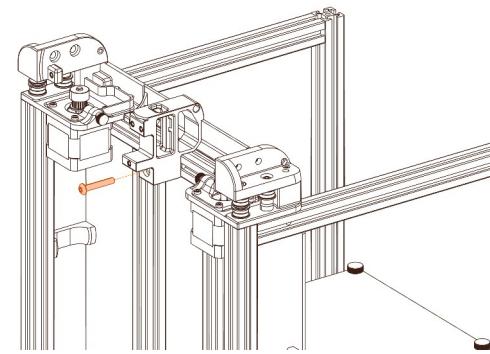
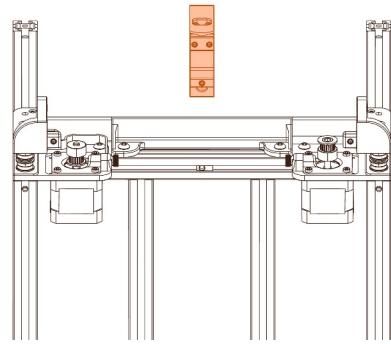
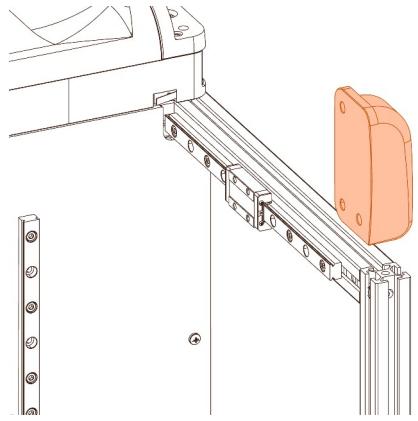


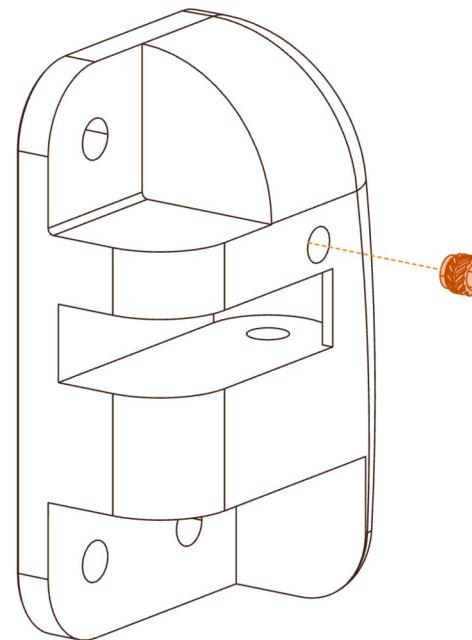
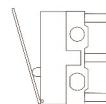
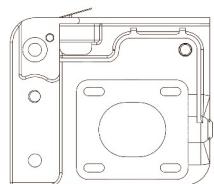
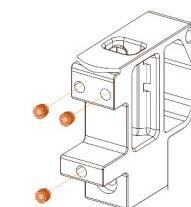
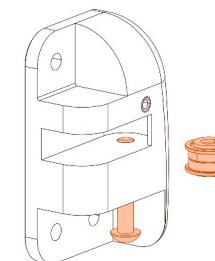
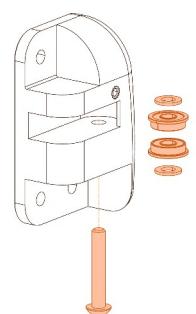
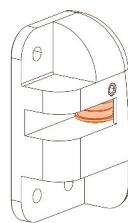
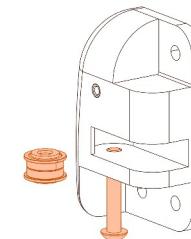
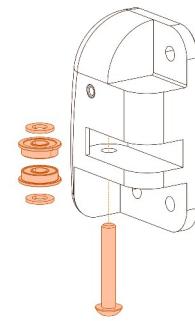
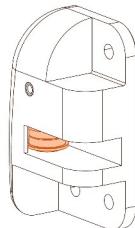


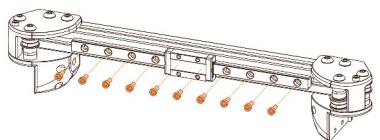
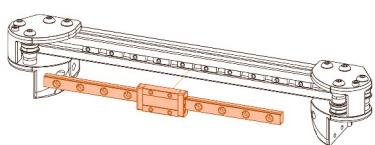
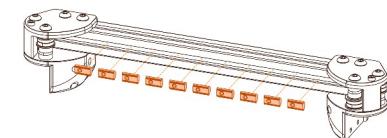
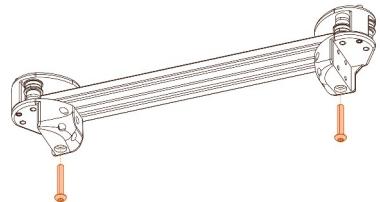
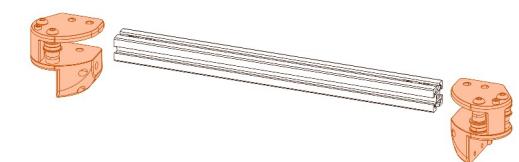
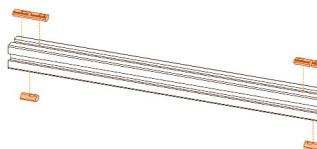
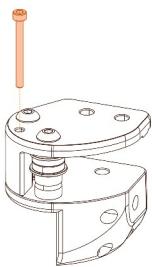
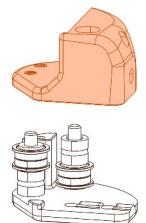
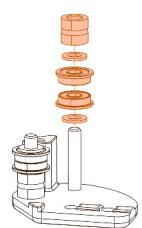
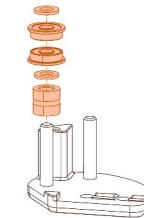
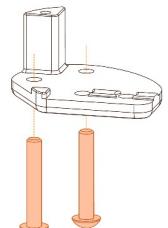
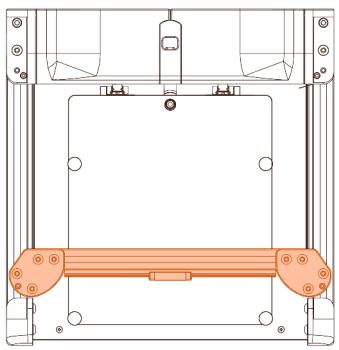
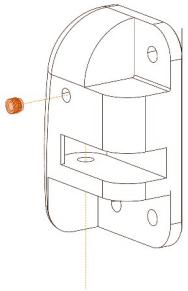


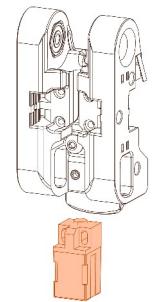
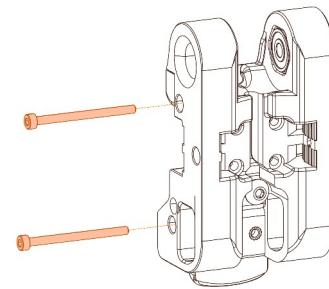
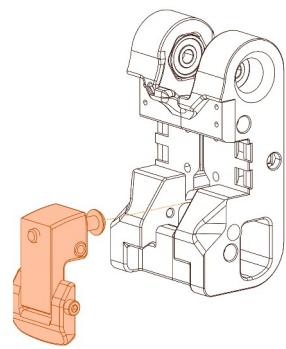
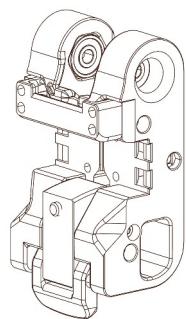
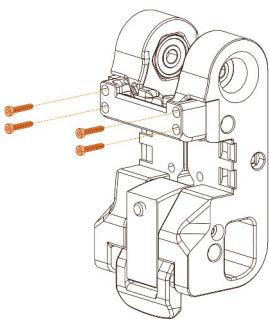
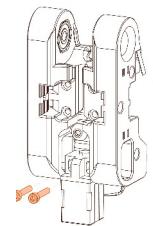
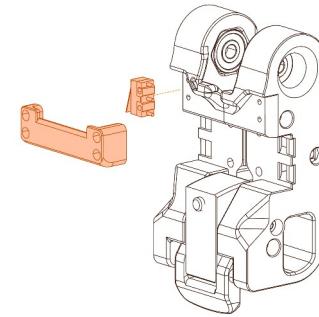
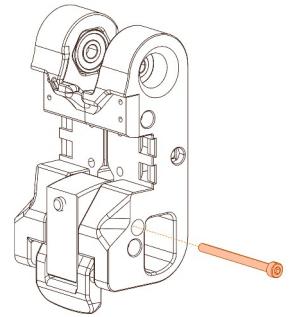
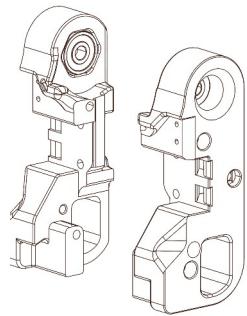
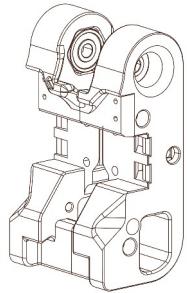
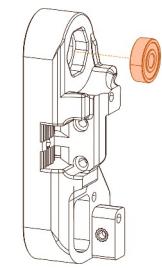
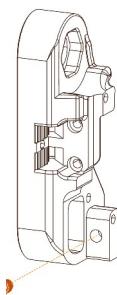
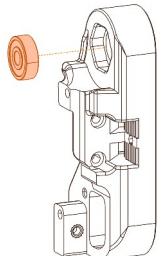
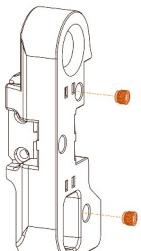
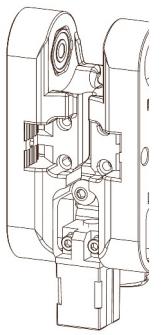


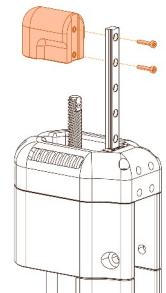
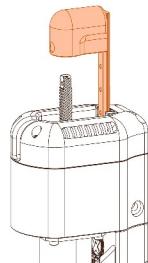
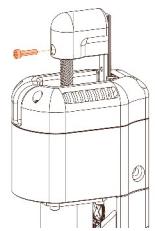
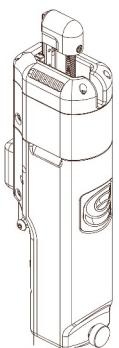
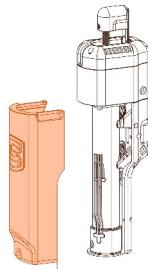
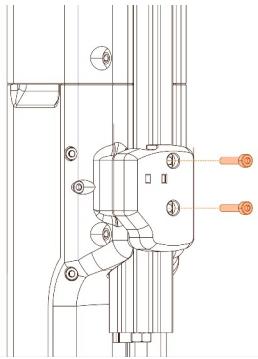
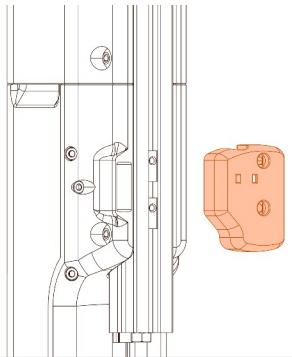
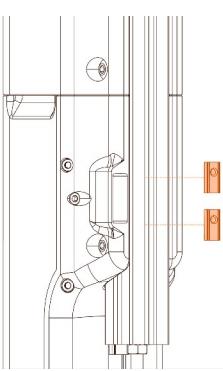
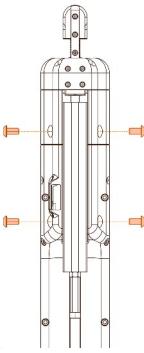
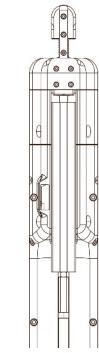
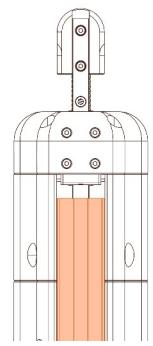
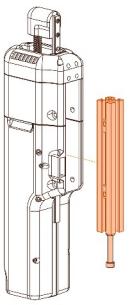
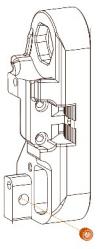




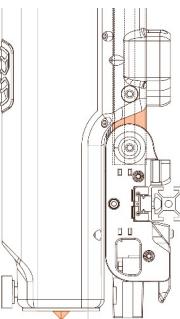
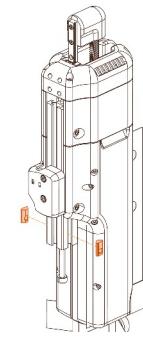
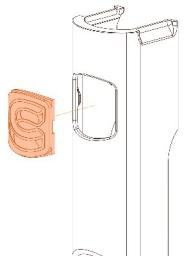
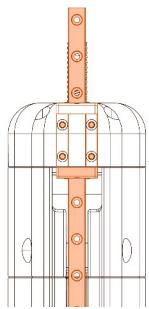
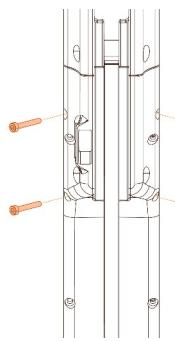
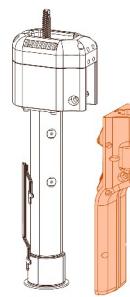
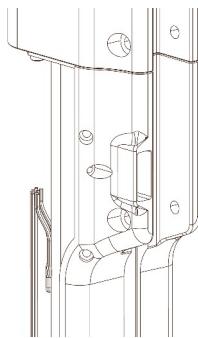
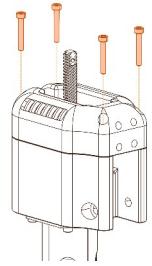
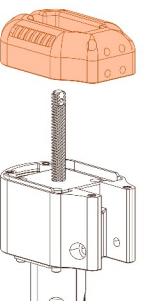
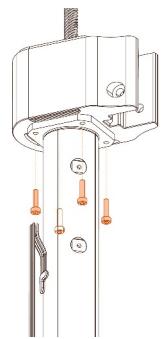
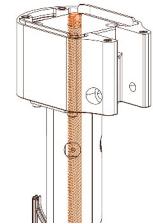
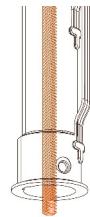
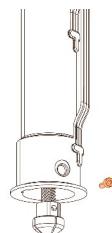
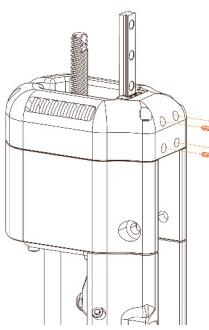


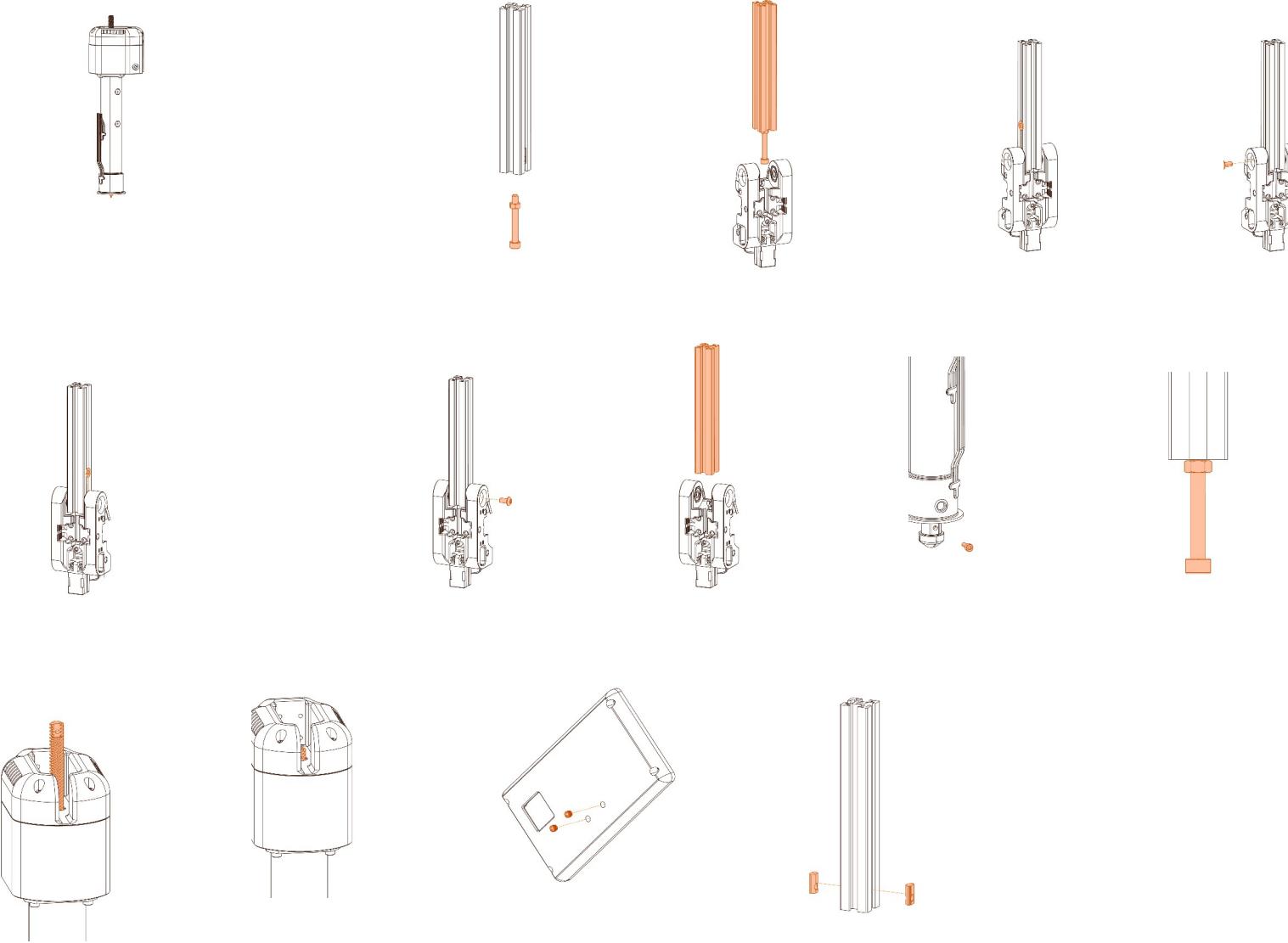


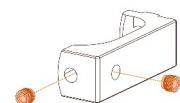
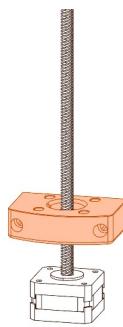
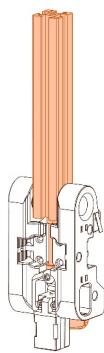
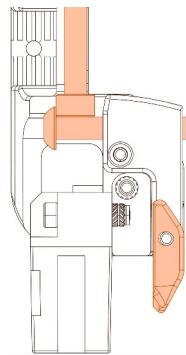
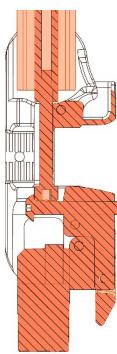
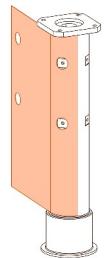
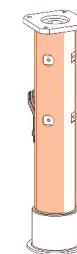
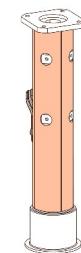
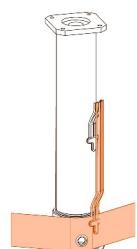
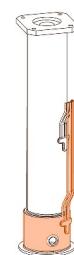
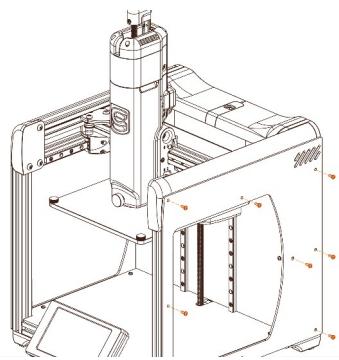
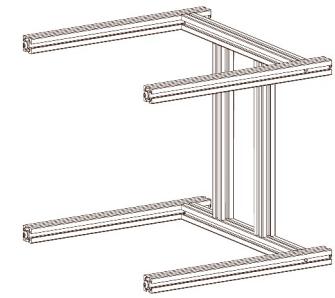
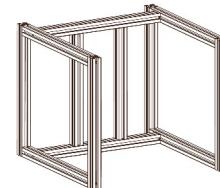
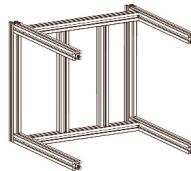
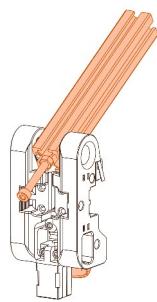


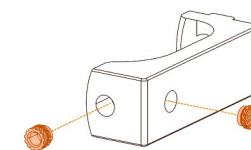
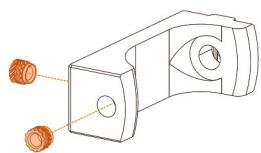
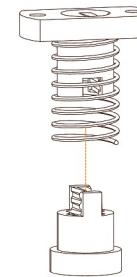
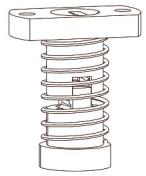


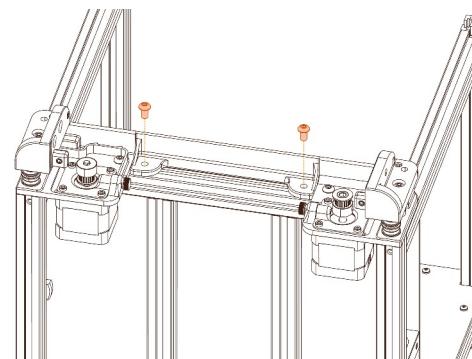
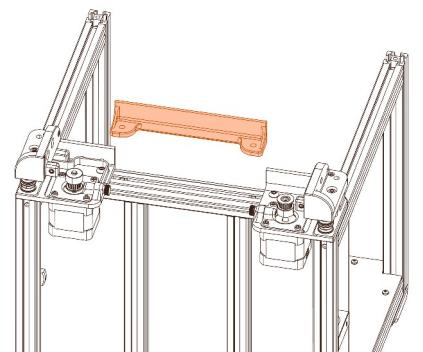
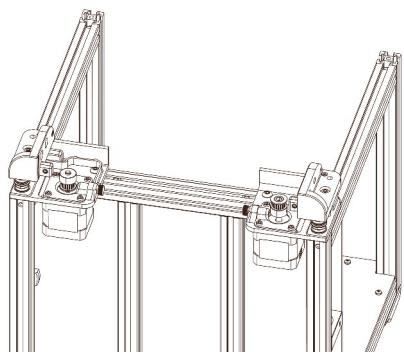
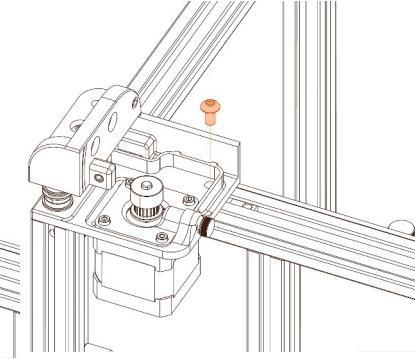
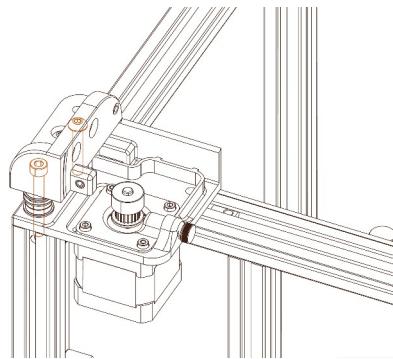
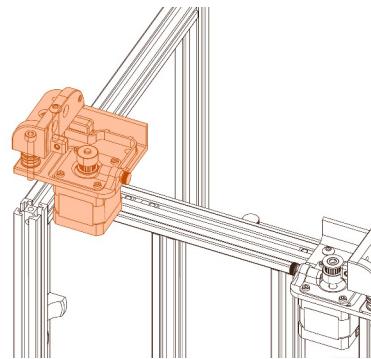
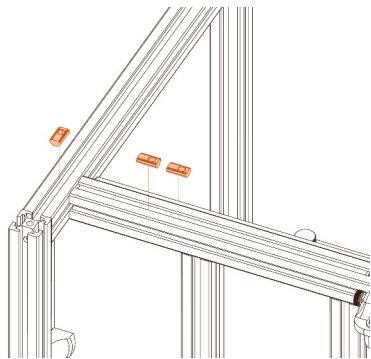
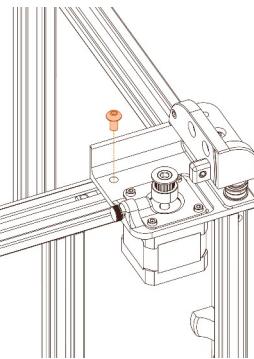
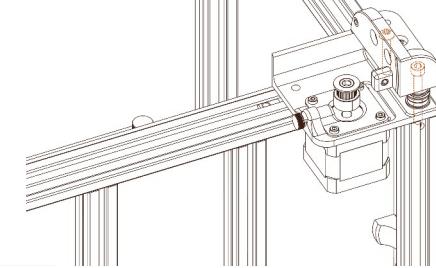
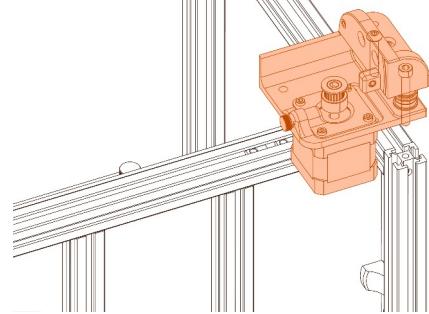
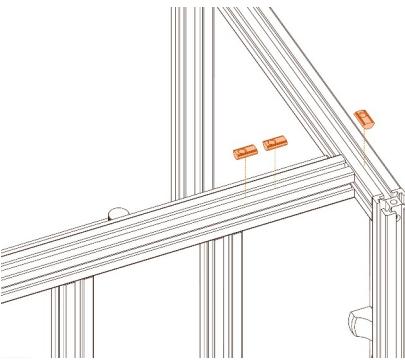
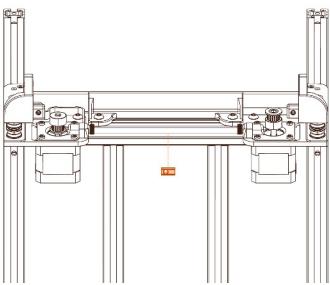
Might need a new image for
these for the updated stl

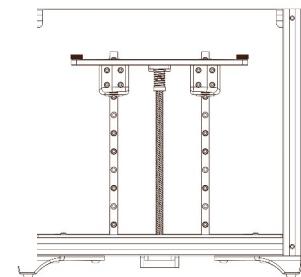
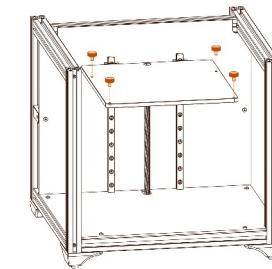
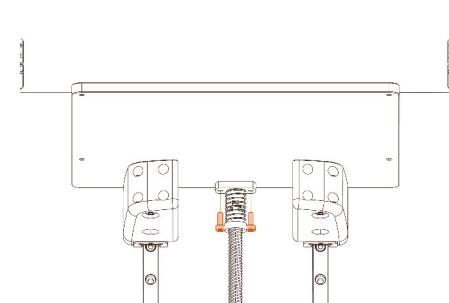
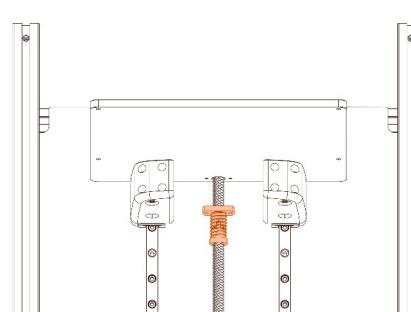
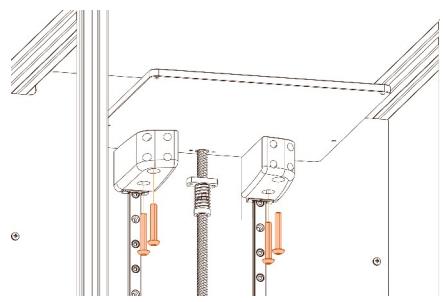
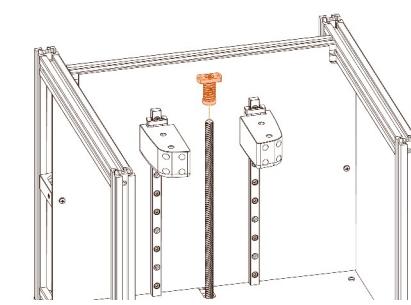
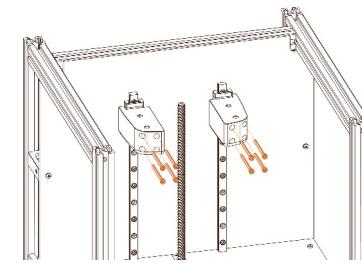
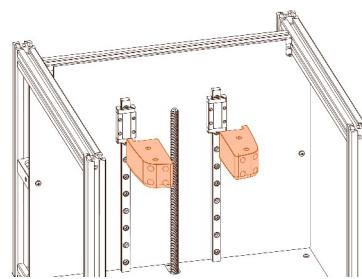
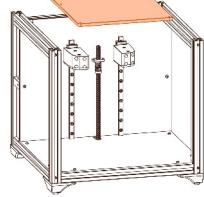
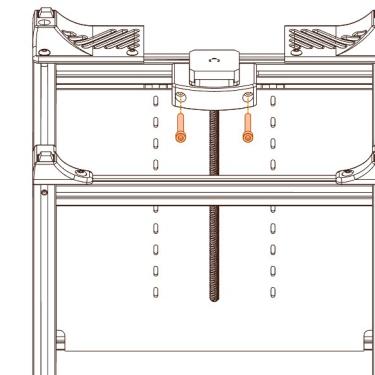
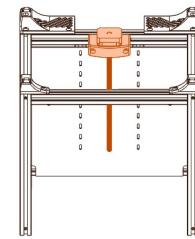
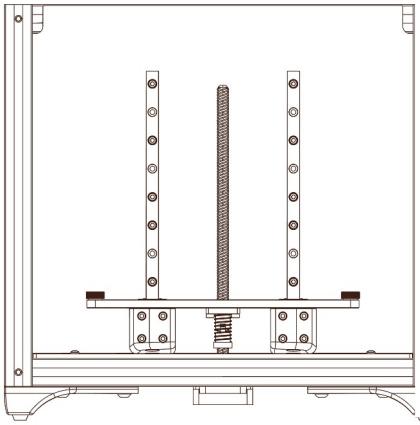


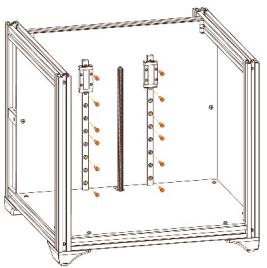
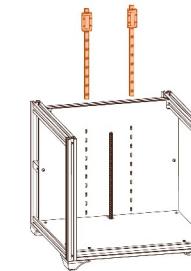
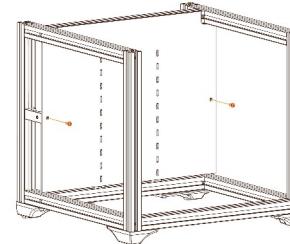
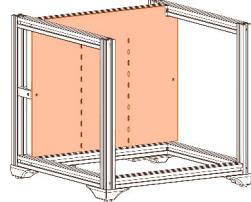
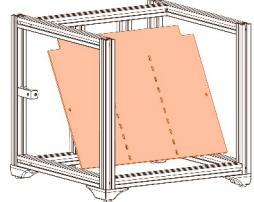
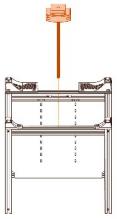




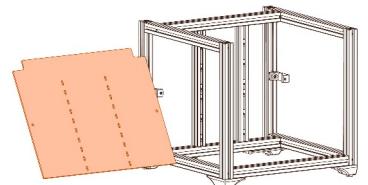
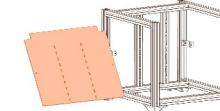
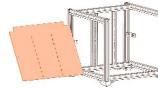
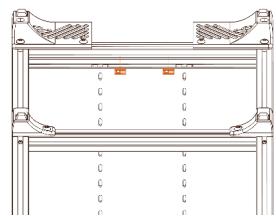
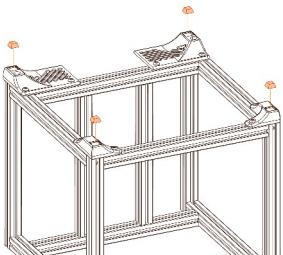








I'm fixing some of this inconsistent line width



Ok! Just let me know if you
want me to re-add things.
It's tedious but not too bad
haha

