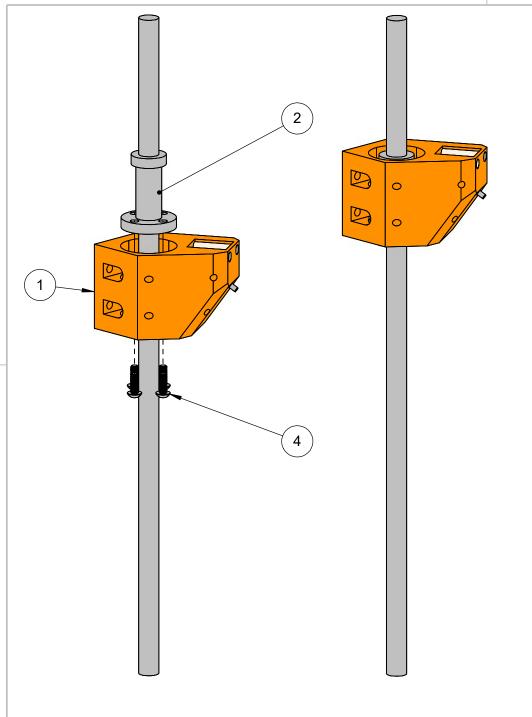


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Α

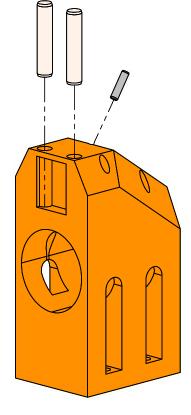
ITEM NO.	DESCRIPTION	
1	Left Coupling Side Plate with Inserts	1
2	8mm T8x2 Small Delrin Anti-Backlash Nut	1
3	8mm T8x2 Lead Screw, Trapezoidal	
4	M3 Buttonhead Screw, 8mm long	4

В

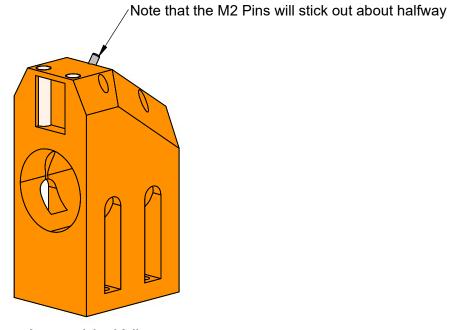
Front Z Lift Assemblies			
	Created by:	last edited:	
ВУ	Joshua Vasquez	10/10/2019	
	SCALE: 2:3	SHEET 4 OF 18	

Press-Fit all pins with an arbor press..

В



Exploded View



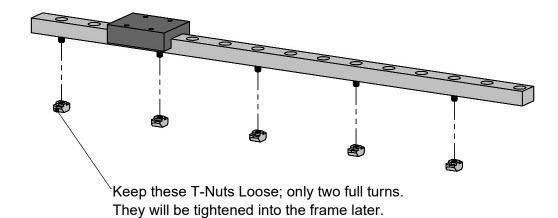
Assembled View

A

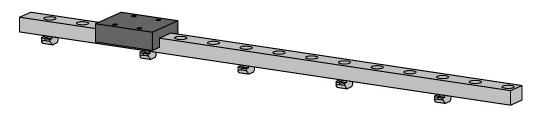
ITEM NO.	DESCRIPTION	QTY.
1	Bed Coupling Back Plate	1
2	M4 Dowel Pin, 20mm long	2
3	2mm dowel pin, 8mm long	1

Back Z Lift Assembly			
<u></u>	(1)	Created by:	last edited:
(cc)	BY	Joshua Vasquez	10/10/2019
		SCALE: 1:1	SHEET 5 OF 18





Exploded View



Assembled View

Α

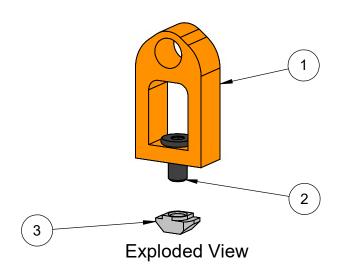
В

Linear Rail Assemby			
(CC_	(i)	Created by: Joshua Vasquez	last edited: 10/10/2019
	וט	SCALE: 1:2	SHEET 6 OF 18

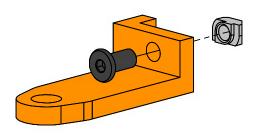
В

Make two assemblies of the front leadscrew retainer.

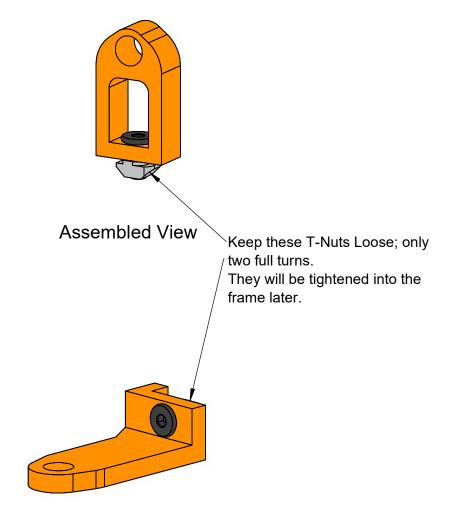
В



Make one assembly of the back leadscrew retainer.

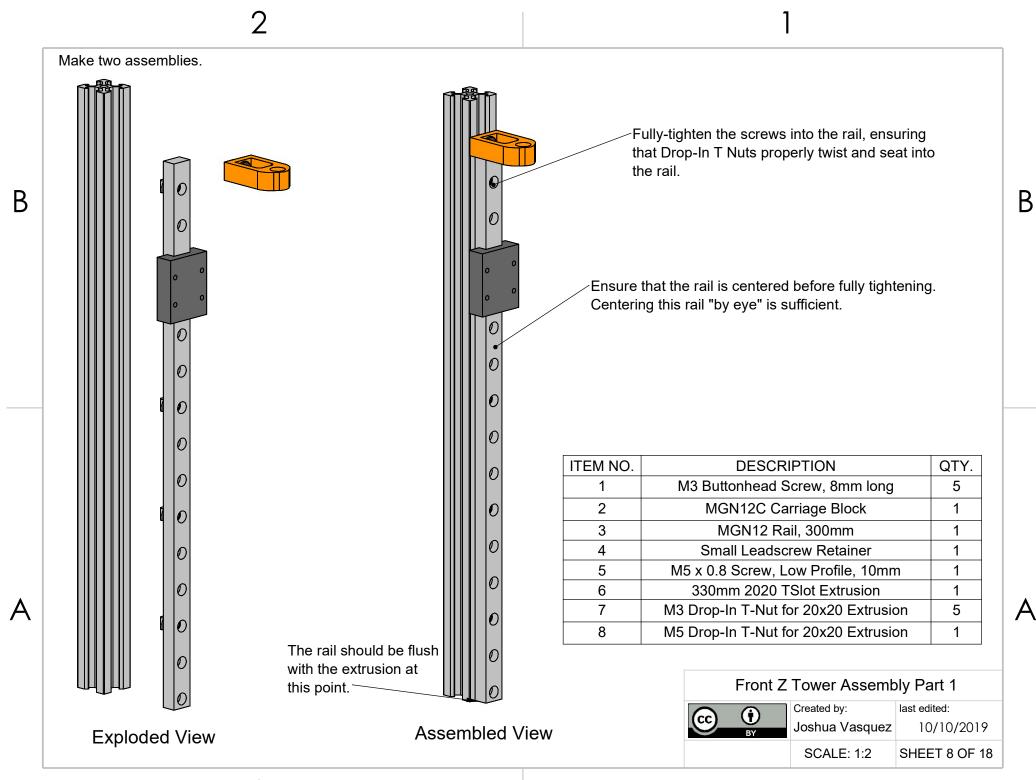


ITEM NO.	DESCRIPTION	QTY.
1	Small Leadscrew Retainer	2
2	M5 x 0.8 Screw, Low Profile, 10mm	3
3	M5 Drop-In T-Nut for 20x20 Extrusion	3
4	Compact Leadscrew Retainer	1

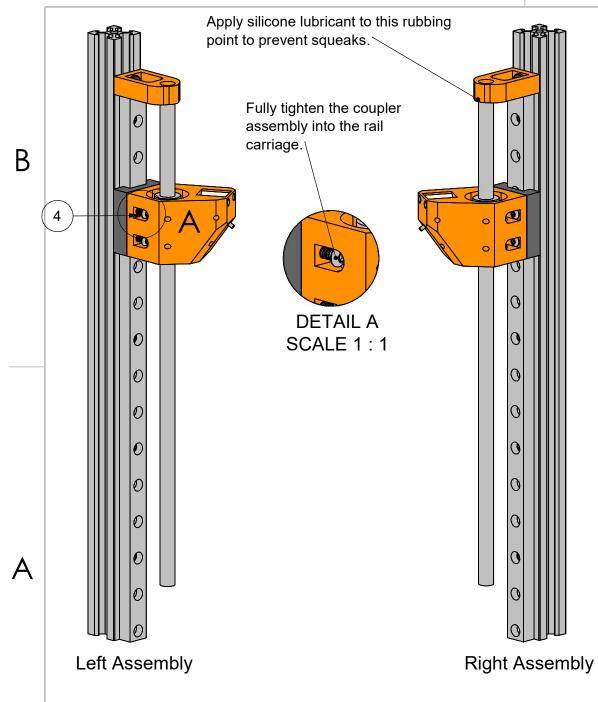


Leadscrew Retainer Assembly

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	SCALE: 1:1	SHEET 7 OF 18



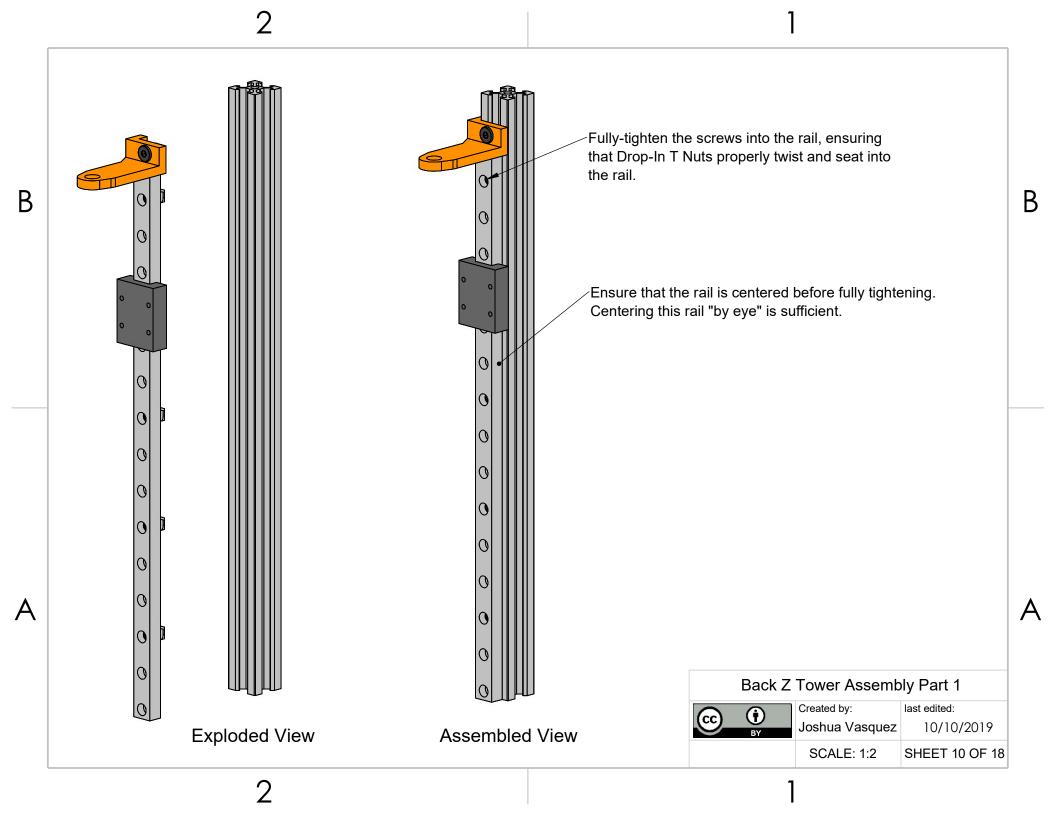




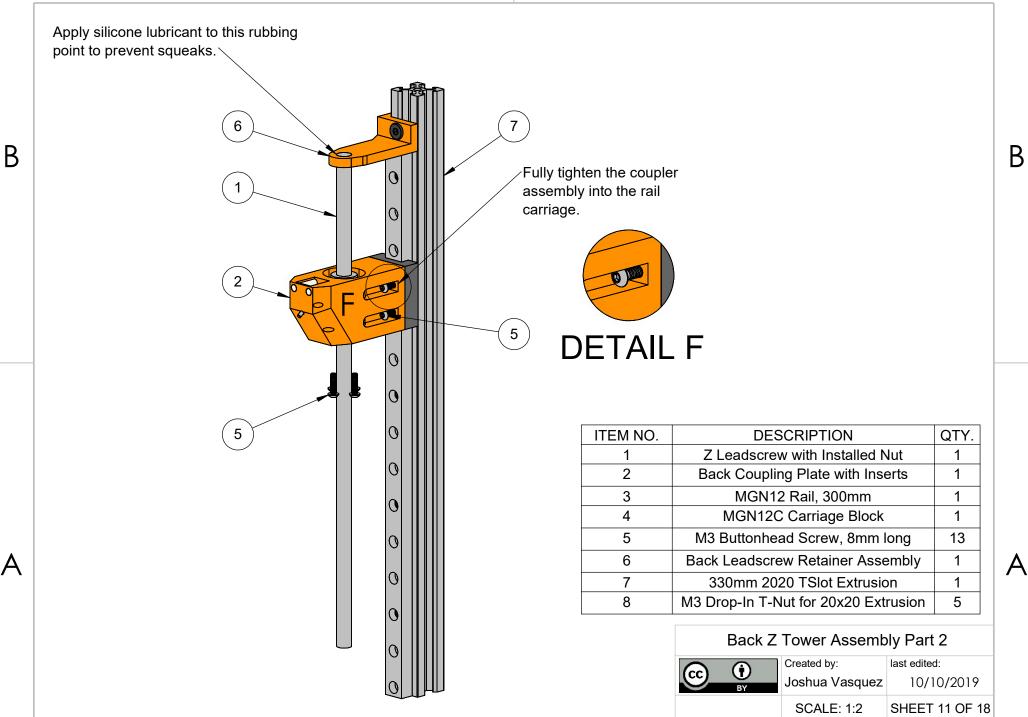
ITEM NO.	DESCRIPTION	QTY.
4	M3 Buttonhead Screw, 8mm long	
5	Left Coupler Assembly with Leadscrew	1
6	Right Coupler Assembly with Leadscrew	1
7	Extrusion Assembly with Rail	2

Front Z Tower Assembly Part 2

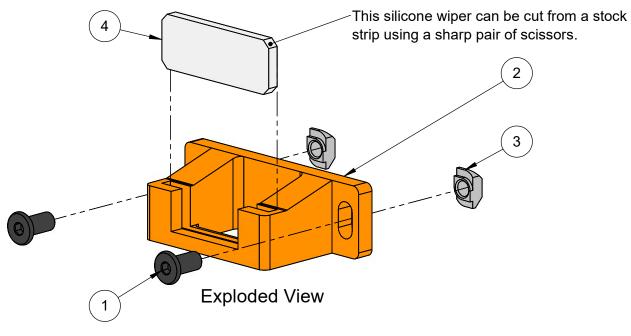
	Created by:	last edited:
BY	Joshua Vasquez	10/10/2019
	SCALE: 1:2	SHEET 9 OF 18

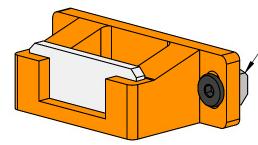






Make one assembly per tool. The remaining instructions depict a setup with two tools.





Keep these nuts loose, about 2 turns. They will be fully tightened into the frame later.

Assembled View

ITEM NO.	DESCRIPTION	QTY.
1	M5 x 0.8 Screw, Low Profile, 10mm	2
2	Ooze Wiper	1
3	M5 Drop-In T-Nut for 20x20 Extrusion	2
4	15mm x 40mm Silicone Wiper	1

Extruder Wiper Assembly			
© BY		Created by: Joshua Vasquez	last edited: 10/10/2019
		SCALE: 1:1	SHEET 12 OF 18

Α

В

Slide these brackets loosely into the frame, but do not tighten them. They will be tightened at a later step.

Α

В

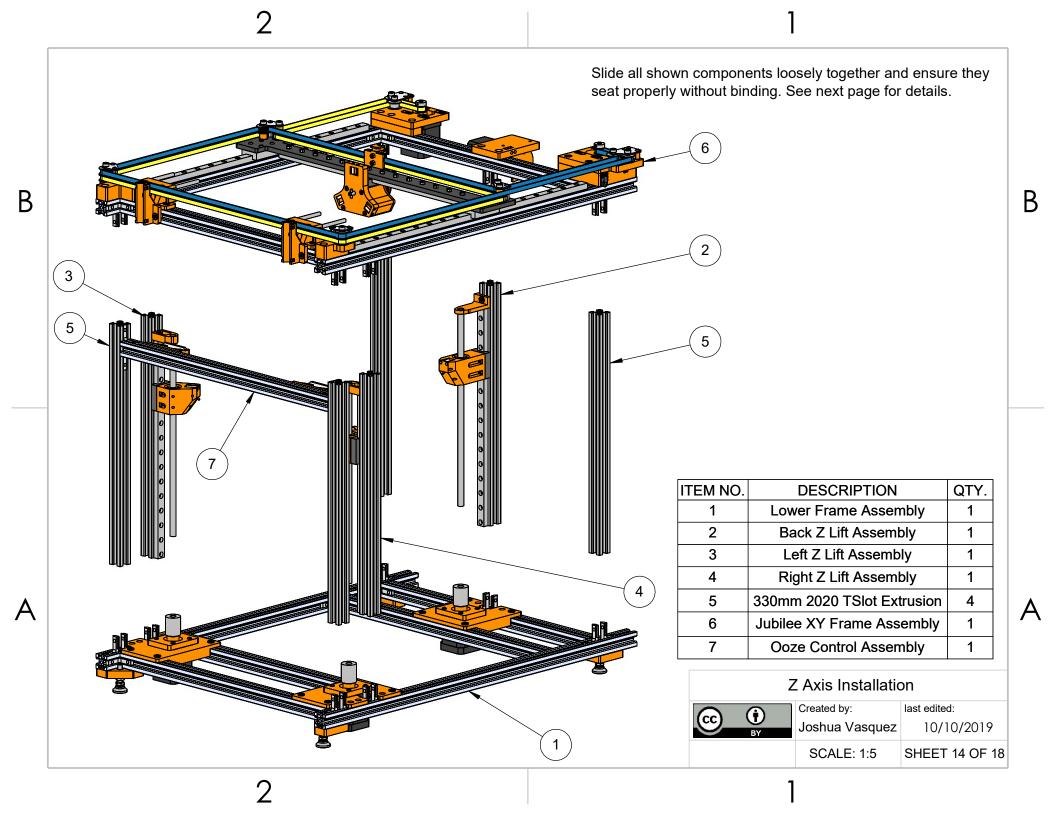
ITEM NO.	DESCRIPTION	QTY.
1	389mm TSlot Extrusion	1
2	Inside corner bracket	4
3	Extruder Wiper Assembly	2

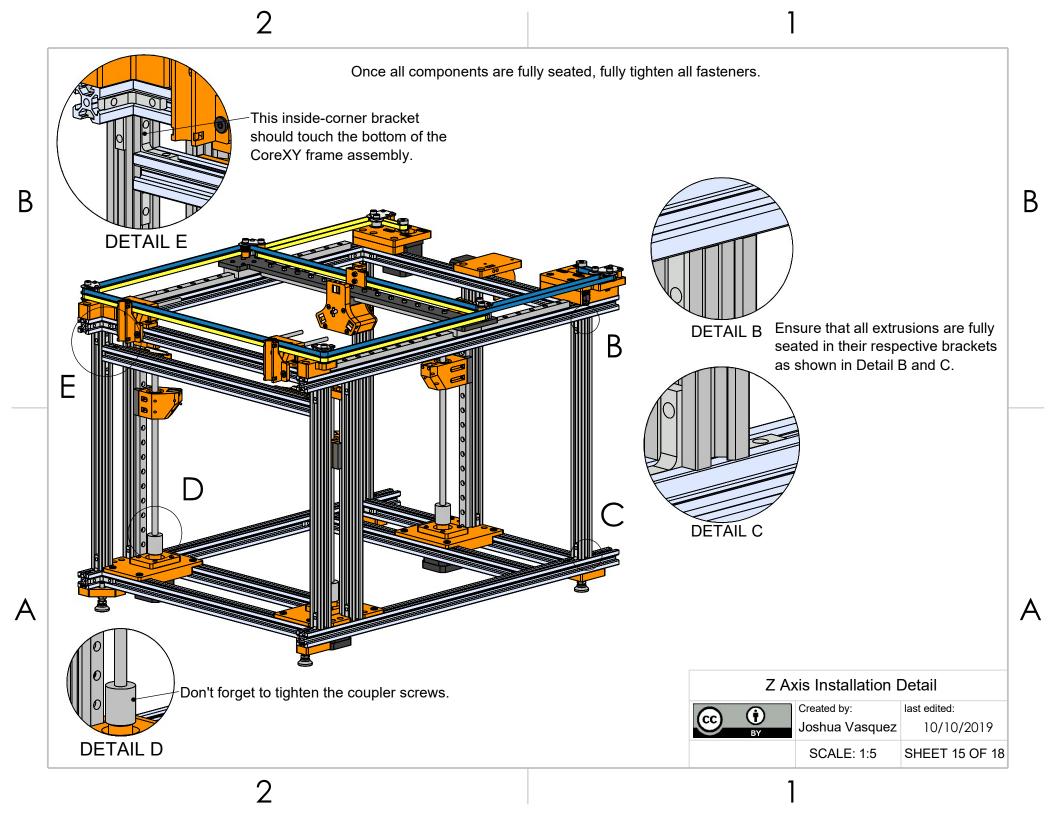
Ooze Control Assembly

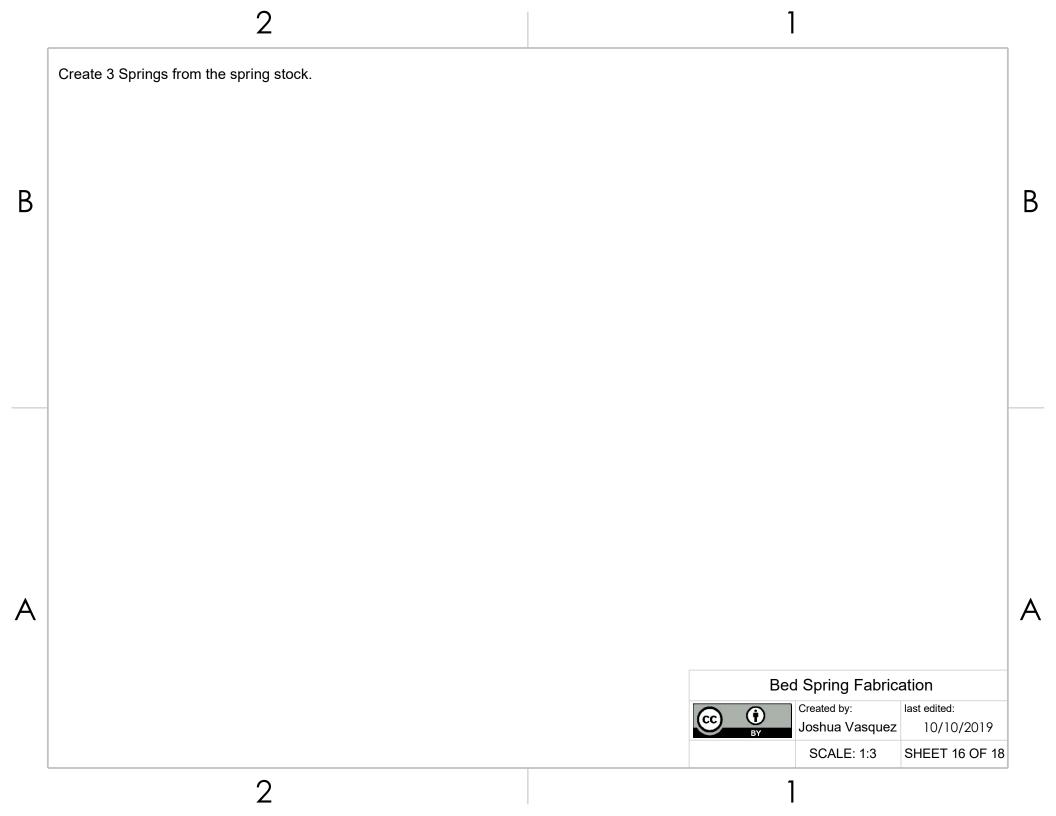
Created by: last edited:
Joshua Vasquez 10/10/2019

SCALE: 1:2 SHEET 13 OF 18

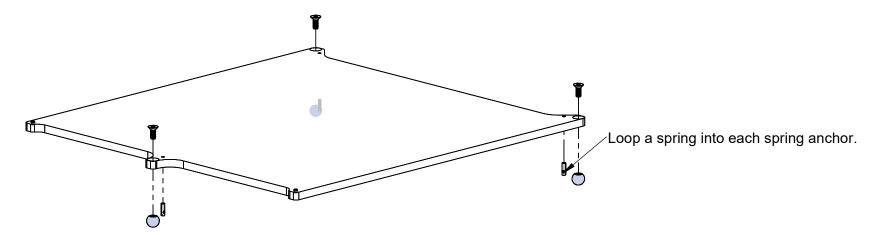
В





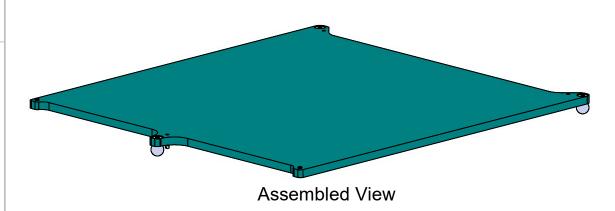






Exploded View

TODO: Pic HERE



ITEM NO.	DESCRIPTION	QTY.	
1	Bed Plate		
2	10mm steel balls with M4 threads	3	
3	M3 Set Screw, 4mm len	2	
4	4 M3 Spring Anchor		
5	M4 Buttonhead screw, 10mm long		

Bed Plate Assembly					
(33)	(i)		Created by:	last edited:	
	ВУ		Joshua Vasquez	10/10/2019	
			SCALE: 1:3	SHEET 17 OF 18	

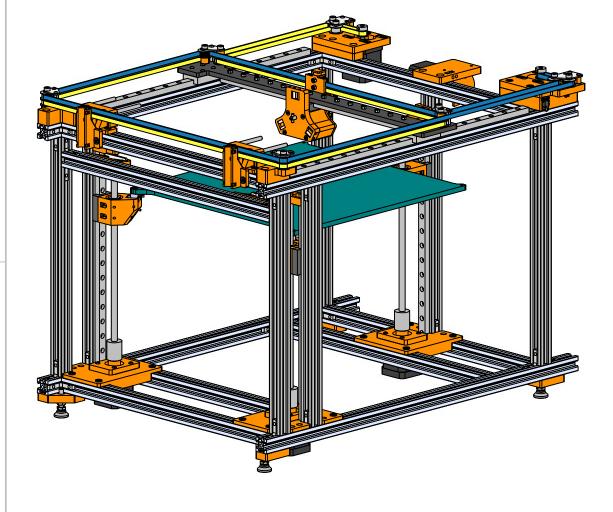
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В

Install the bed plate by seating it into the coupling. Loop the dangling springs into the M2 dowel pins.



В

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Bed Plate Installation				
	(1)		Created by:	last edited:
	BY		Joshua Vasquez	10/10/2019
			SCALE: 1:5	SHEET 18 OF 18

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