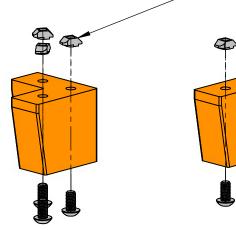
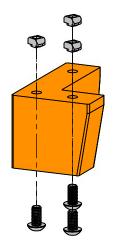
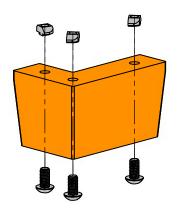


Populate all screw holes with screws and nuts Keep all nuts loose. Only 1-2 turns. They will be fully tightened into the frame later.

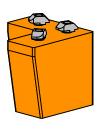




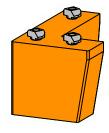


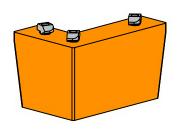
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Exploded Views









Assembled Views

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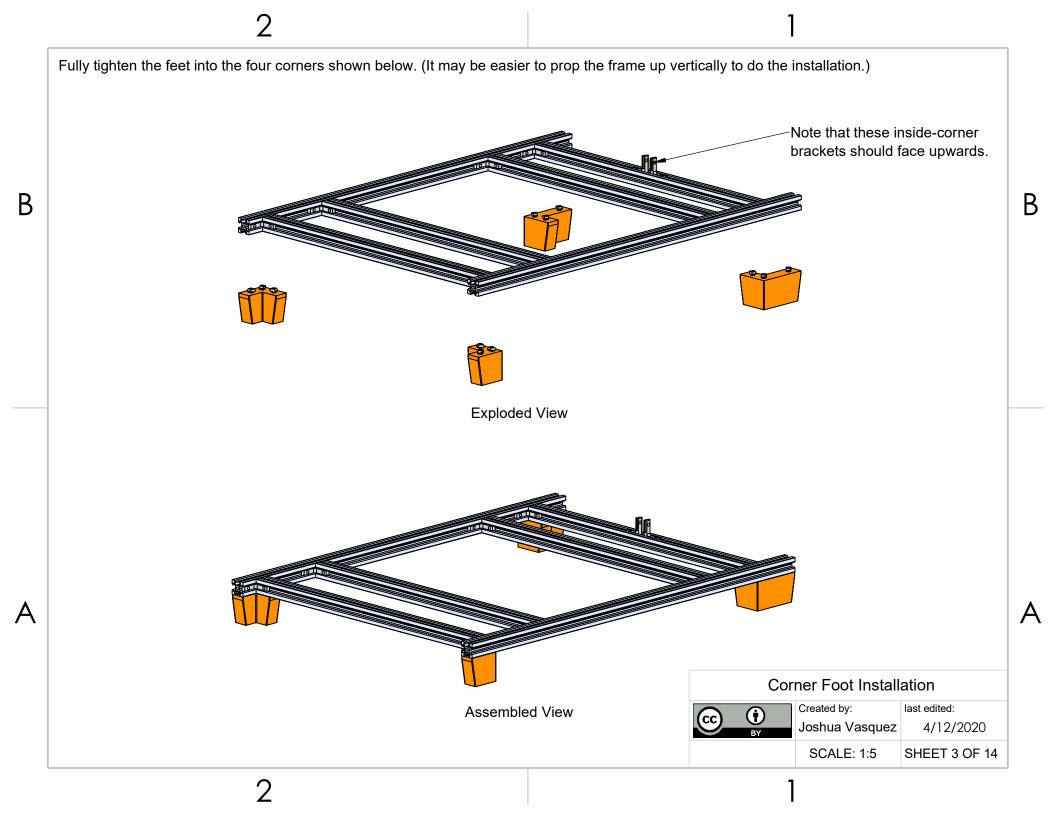
ITEM NO.	DESCRIPTION	QTY.
1	Back Right Foot	1
2	Back Left Foot	1
3	Front Right Foot	1
4	Front Left Foot	1
5	M5 Drop-In T-Nut for 20x20 Extrusion	12
6	M5 Buttonhead Screw, 10mm long	12

Foot Screw	Installation
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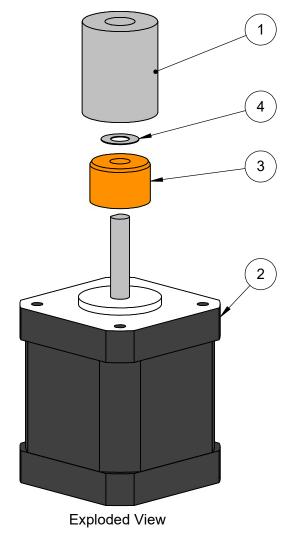
		Created by:	last edited:
<u>((c)</u>	BY	Joshua Vasquez	4/12/2020
		SCALE: 1:2	SHEET 2 OF 14

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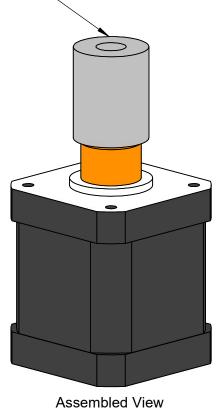


Make 3 Assemblies.





With one hand, compress the coupler onto the motor shaft to remove any space on the motor shaft. Securely screw down the coupler in this configuration.



Z Motor Thrust Coupling Assembly

<u></u>	(i) BY	Created by: Joshua Vasquez	last edited: 4/12/2020
		SCALE: 1:1	SHEET 4 OF 14

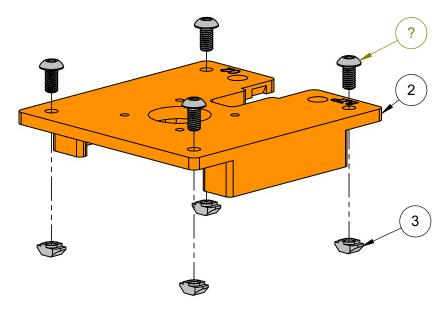
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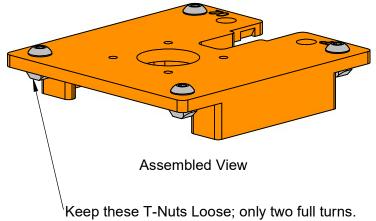
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Exploded View



They will be tightened into the frame later.

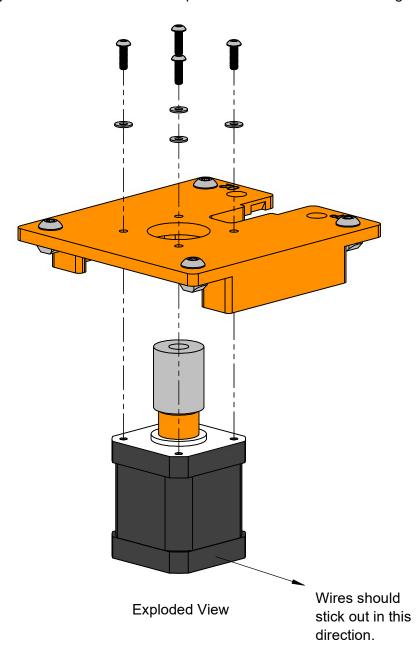
ITEM NO.	DESCRIPTION	QTY.
1	M5 Buttonhead Screw, 10mm long	4
2	Back Z Motor Plate	1
3	M5 Drop-In T-Nut for 20x20 Extrusion	4

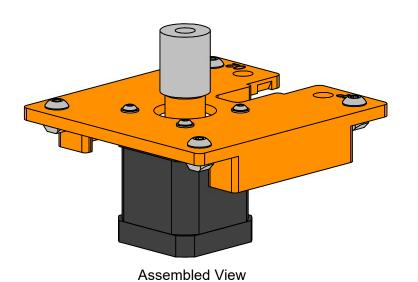
Back Z Motor Plate Assembly 1			
Created by: last edited: Joshua Vasquez 4/12/2020			
		SCALE: 1:1.5	SHEET 5 OF 14

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Apply a dab of threadlock to the tip of the four M3 screws before tightening them down securely.





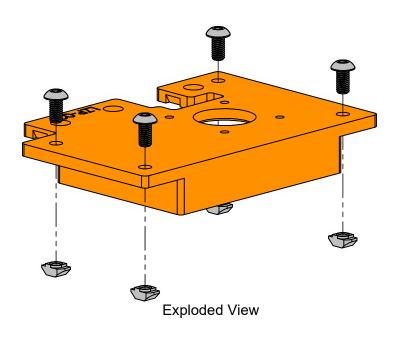
ITEM NO.	DESCRIPTION	QTY.
2	M3 Buttonhead Screw, 10mm long	4
3	Back Plate Plate Assembly	1
5	Z Motor Thrust Coupling Assembly	1
6	M3 Washer	4

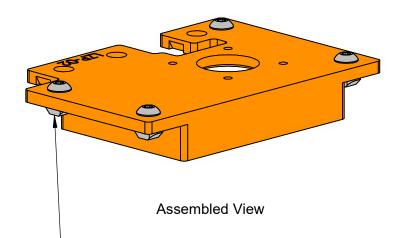
© ()	Created by: Joshua Vasquez	last edited: 4/12/2020
	SCALE: 1:1.5	SHEET 6 OF 14

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Keep these T-Nuts Loose; only two full turns. They will be tightened into the frame later.

ITEM NO.	DESCRIPTION	QTY.
1	M5 Buttonhead Screw, 10mm long	4
2	Front Left Z Motor Plate	1
3	M5 Drop-In T-Nut for 20x20 Extrusion	4

Front Left Z Plate Assembly 1			
CC	(i) BY	Created by: Joshua Vasquez	last edited: 4/12/2020
		SCALE: 1:1.5	SHEET 7 OF 14

Apply a dab of threadlock to the tip of the four M3 screws before tightening them down securely. Motor wires should poke up and out from this cavity. В (O) (O) Assembled Top View Scale 1:2 Wires should stick out in this direction. Assembled View **Exploded View** Front Left Z Plate Assembly 2 ITEM NO. QTY. **DESCRIPTION** M3 Buttonhead Screw, 10mm long last edited: Created by:

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Z Motor Thrust Coupling Assembly

M3 Washer

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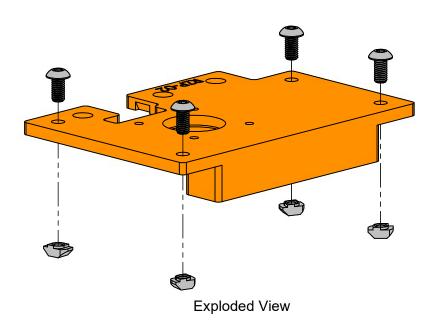
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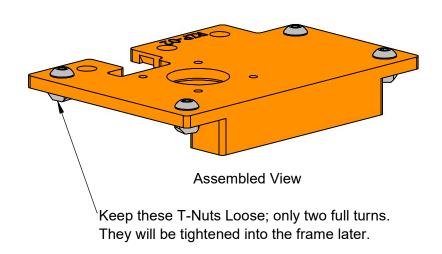
Joshua Vasquez

SCALE: 1:1.5

4/12/2020

SHEET 8 OF 14





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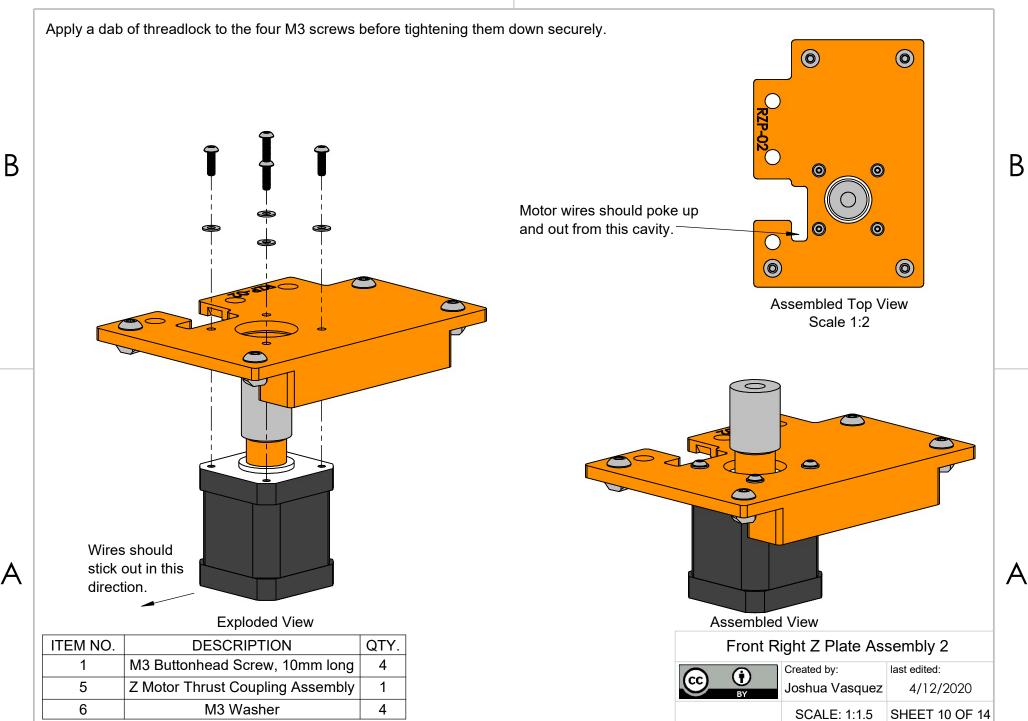
ITEM NO.	DESCRIPTION	QTY.
1	M5 Buttonhead Screw, 10mm long	4
2	2 Front Right Z Motor Plate	
3	M5 Drop-In T-Nut for 20x20 Extrusion	4

В

(1)	Created by:	last edited:	
(00)	BY	Joshua Vasquez	4/12/2020
		SCALE: 1:1.5	SHEET 9 OF 14

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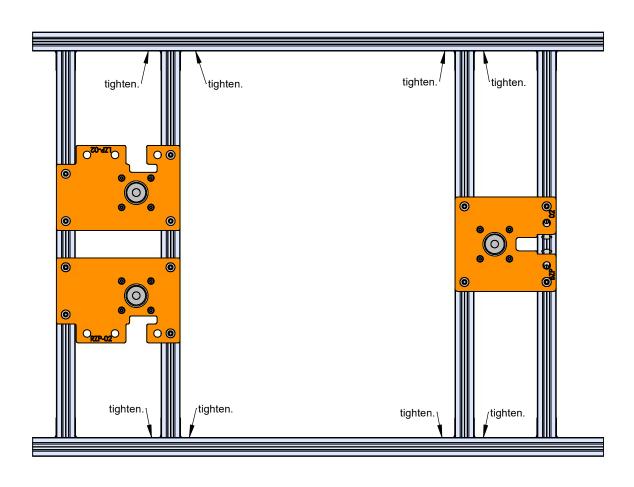




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Load the Z Motor Plates into the frame to set the spacing of the internal loose extrusions. Push these internal extrusions into the plates and fully tighten the 8 inside corner brackets shown below.

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Top View

ITEM NO.	DESCRIPTION	
1	Base Frame Assembly with Feet	1
2	Back Z Plate Assembly	1
3	Front Left Z Plate Assembly	1
4	Front Right Z Plate Assembly	1

Internal Extrusion Alignment				
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		SCALE: 1:4	SHEET 11 OF 14	

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