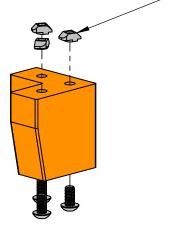
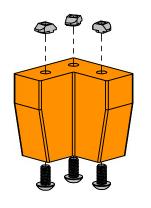
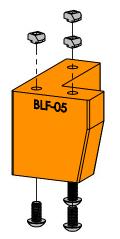


Populate all screw holes with screws and nuts Keep all nuts loose. Only 1-2 turns. They will be fully tightened into the frame later.



В





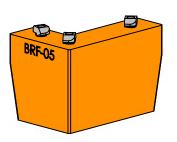
BRE-C5

**Exploded Views** 









Assem	ble	νb	iews
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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

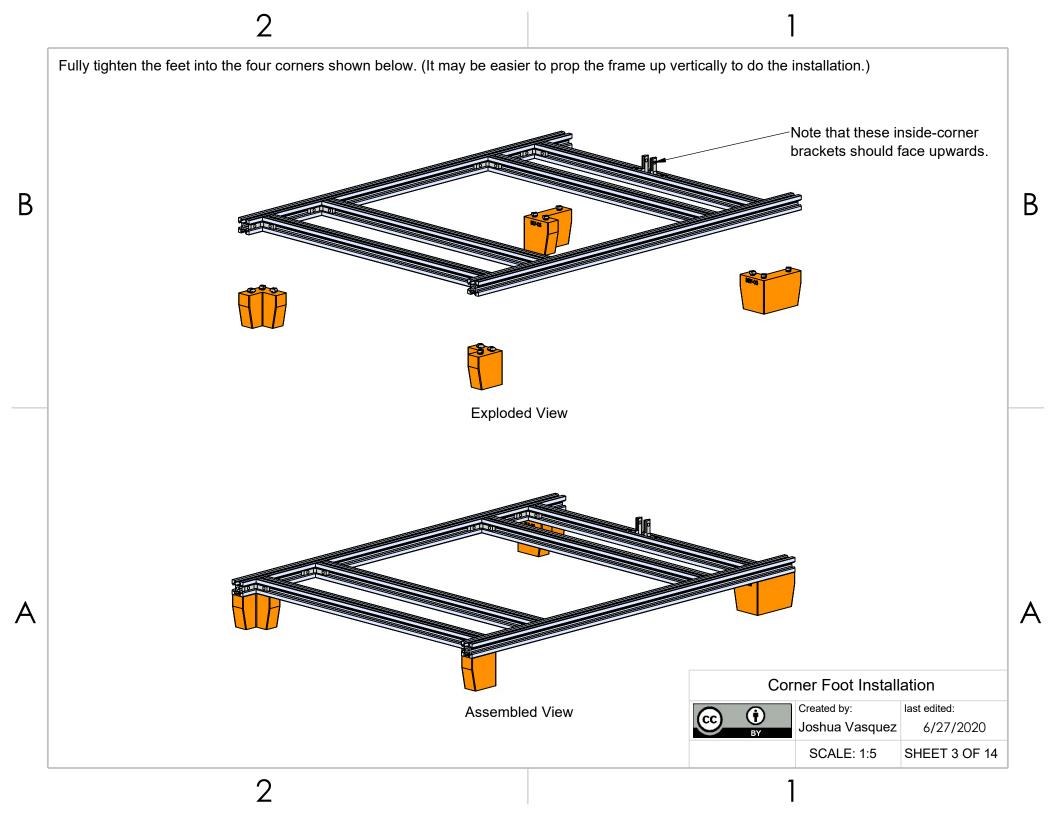
Foot Screw Installation			
		Created by:	last edited:
CC	BY	Joshua Vasquez	6/27/2020
		SCALE: 1:2	SHEET 2 OF 14

2

1

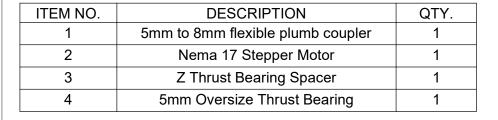
A

В

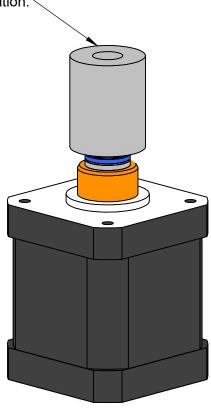


Make 3 Assemblies. These are a 3 piece set. Orientation of each piece does not matter.

Exploded View



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.



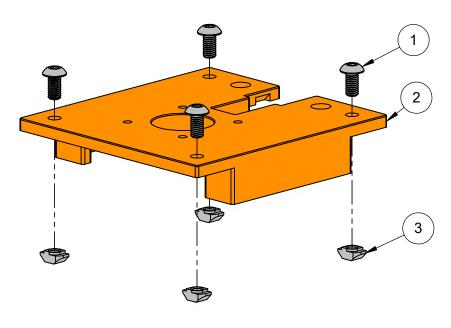
Assembled View

Z Motor Thrust Coupling Assembly

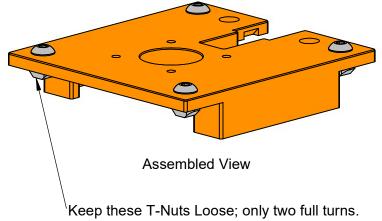
	Created by:	last edited:
CCC BY	Joshua Vasquez	6/27/2020
	SCALE: 1:1	SHEET 4 OF 14

В

Α



**Exploded View** 



They will be tightened into the frame later.

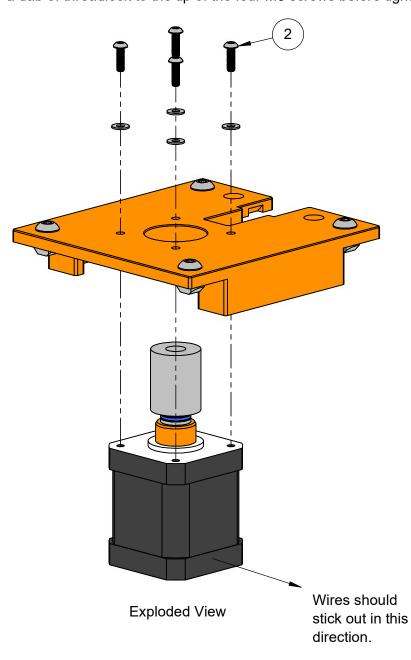
ITEM NO.	DESCRIPTION	QTY.
1	M5 Buttonhead Screw, 10mm long	4
2	Back Z Motor Plate	1
3	M5 Drop-In T-Nut for 20x20 Extrusion	4

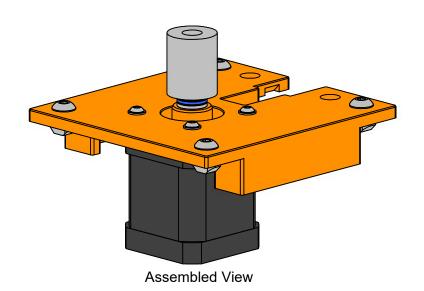
Back Z Motor Plate Assembly 1			
Created by: last edited:  Joshua Vasquez 6/27/2020			
		SCALE: 1:1.5	SHEET 5 OF 14

2

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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

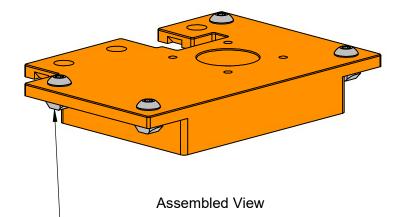
	Created by:	last edited:
BY	Joshua Vasquez	6/27/2020
	SCALE: 1:1.5	SHEET 6 OF 14

2

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Δ

В

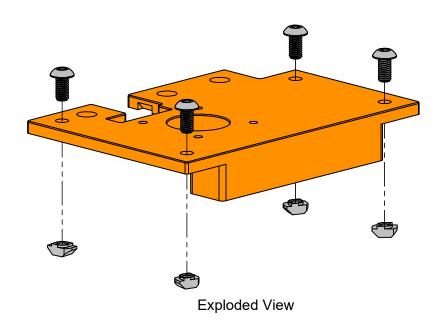


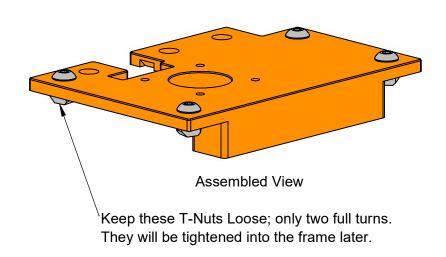
Keep these T-Nuts Loose; only two full turns. They will be tightened into the frame later.

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			
Created by:  Joshua Vasquez		last edited: 6/27/2020		
		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 0 (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, 12mm long last edited: Created by: Joshua Vasquez Z Motor Thrust Coupling Assembly 6/27/2020 5 M3 Washer 6 SCALE: 1:1.5 SHEET 8 OF 14



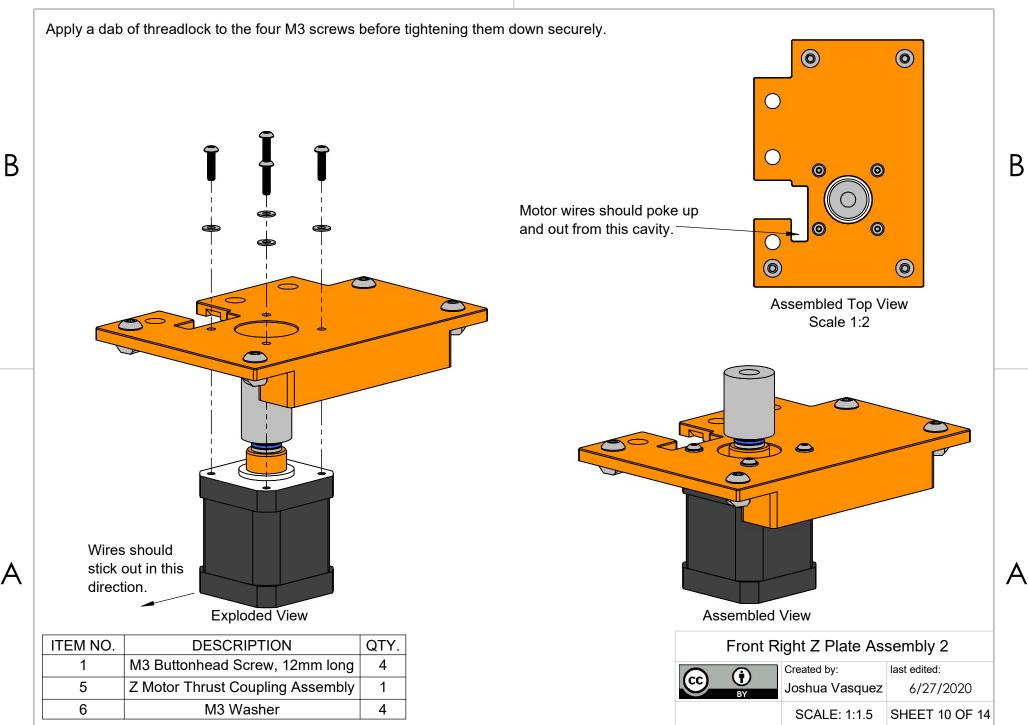


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ITEM NO.	DESCRIPTION	QTY.
1	M5 Buttonhead Screw, 10mm long	4
2	Front Right Z Motor Plate	1
3	M5 Drop-In T-Nut for 20x20 Extrusion	4

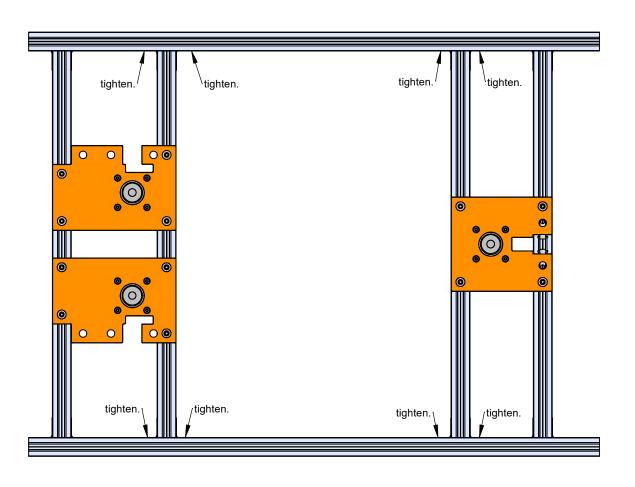
Front Right Z Plate Assembly 1					
<u>CC</u>	BY	Created by: Joshua Vasquez	last edited: 6/27/2020		
		SCALE: 1:1.5	SHEET 9 OF 14		





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.

В



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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					
(0)	BY	Created by: Joshua Vasquez	last edited: 6/27/2020		
		SCALE: 1:4	SHEET 11 OF 14		

