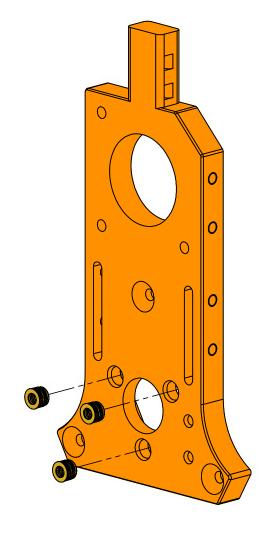
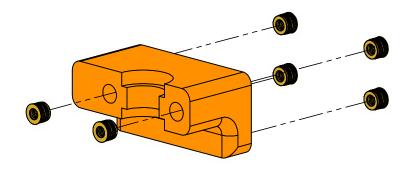


Install the following inserts from the directions shown using the *plate press technique*.



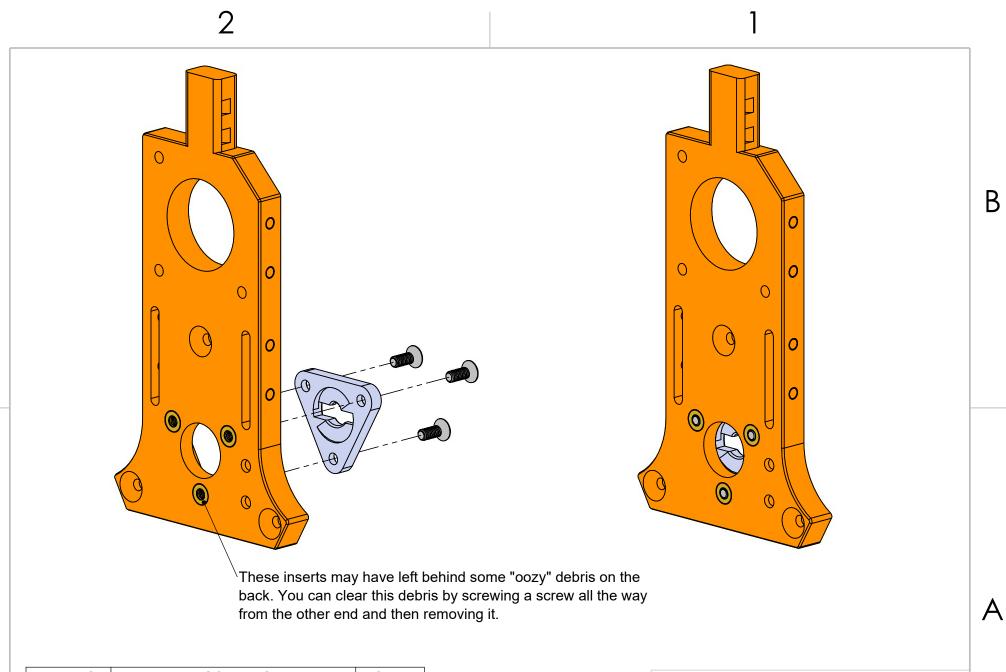


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В

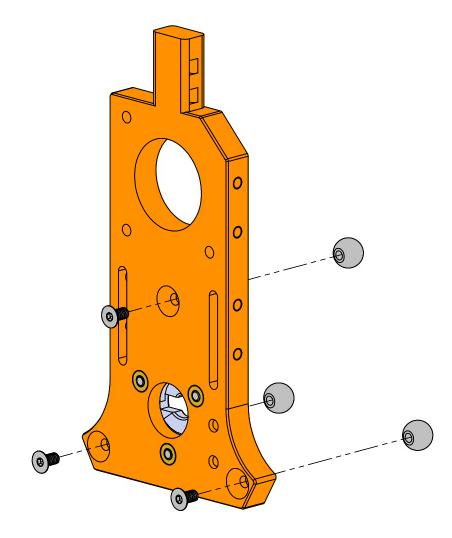
ITEM NO.	DESCRIPTION	QTY.
2	M3 Tapered Heat Set Insert	9
3	Groovemount Base	1
4	Base Tool Plate	1

Heat Set Insert Installation			
<u>cc</u>	<b>(i)</b> BY	Created by: Joshua Vasquez	last edited: 9/29/2020
		SCALE: 1:1	SHEET 2 OF 14



ITEM NO.	DESCRIPTION	QTY.
1	Wedge Plate	1
2	Base Tool Plate with Inserts	1
3	M3 Flathead Screw, 8mm long	3

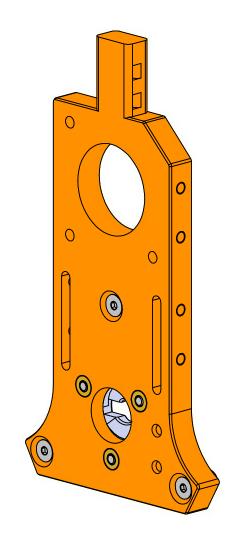
Wedge Plate Installation			
Created by: last edited:			
	BY	Joshua Vasquez	9/29/2020
		SCALE: 1:1	SHEET 3 OF 14



В

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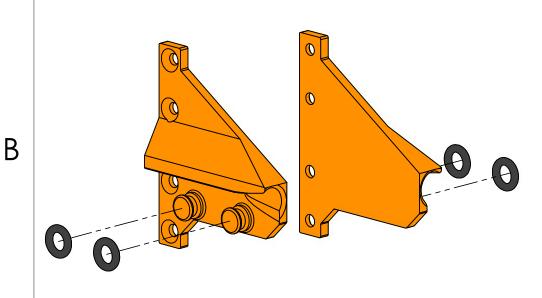
ITEM NO.	DESCRIPTION	QTY.
4	M3 8mm Threaded Tool Balls	3
5	M3 Flathead Screw, 6mm long	3



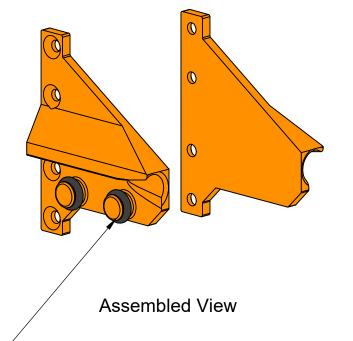
В

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Tool Ball Installation			
<u></u>	<b>(i)</b> BY	Created by: Joshua Vasquez	last edited: 9/29/2020
		SCALE: 1:1	SHEET 4 OF 14



**Exploded View** 



В

Recommended: apply a small amount of lubricant like white lithium grease to each o-ring.

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ITEM NO.	DESCRIPTION	QTY.
1	Left Tool Wing	1
2	Right Tool Wing	1
3	5x9x2 O Ring	4

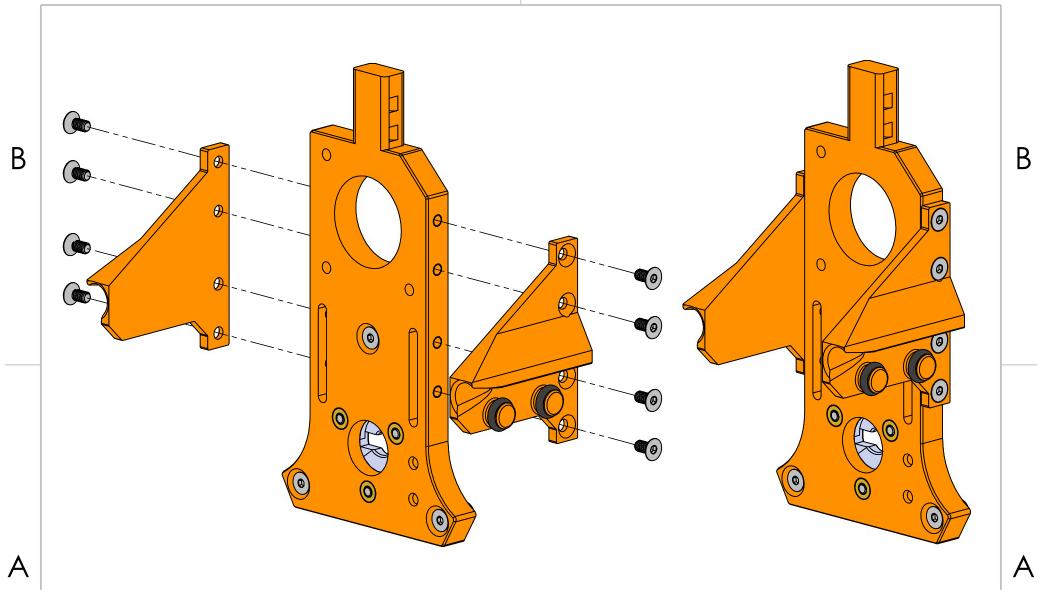
Parking Wing Assembly

Created by:
Joshua Vasquez

SCALE: 1:1

SHEET 5 OF 14





ITEM NO.	DESCRIPTION	QTY.
1		1
2		1
3	Base Tool Plate Assembly	1
4	M3 Flathead Screw, 6mm long	8

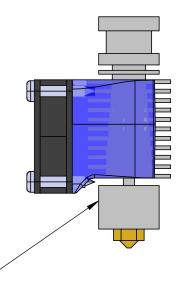
Tool Plate Assembly			
<u></u>	<b>(i)</b> BY	Created by: Joshua Vasquez	last edited: 9/29/2020
		SCALE: 1:1	SHEET 6 OF 14

Follow the V6 or Volcano Hotend Assembly Instructions from E3D to assemble the hotend shown below.

**V6 Instructions** 

Volcano Instructions

В



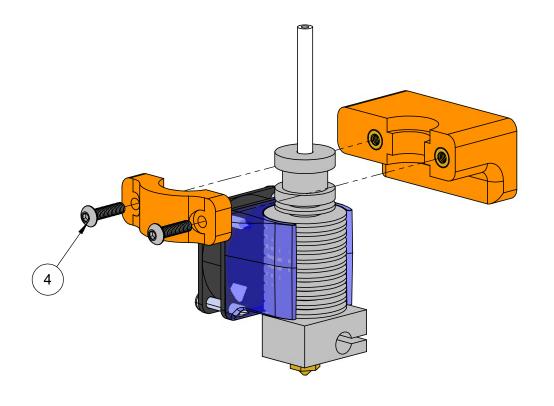
Temporarily wire your extruder to your machine, perform a heater calibration, and fully hot-tighten the extruder. Then disconnect the wires.

## heater calibration instructions

hot-tightening instructions are at the end of the Extruder Assembly instructions.

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Hotend Cold Assembly			
Created by:  Joshua Vasquez  9/29/2020			
		SCALE: 1:1	SHEET 7 OF 14



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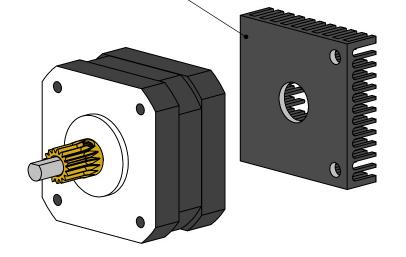
ITEM NO.	DESCRIPTION	
1	Hotend Assembly with PTFE Tube	1
2	Groovemount Base with Inserts	1
3	Groovemount Clip	1
4	M3 Buttonhead Screw, 12mm long	2

Hotend Base Assembly				
(CC)	last edited: 9/29/2020			
		SCALE: 1:1	SHEET 9 OF 14	

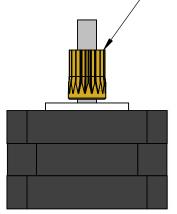
В

Attach with double-sticky heat-transfer tape.

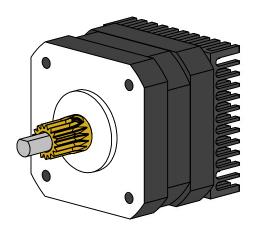
Note that this gear is installed opposite the suggested orientation in the Bondtech instructions.



В



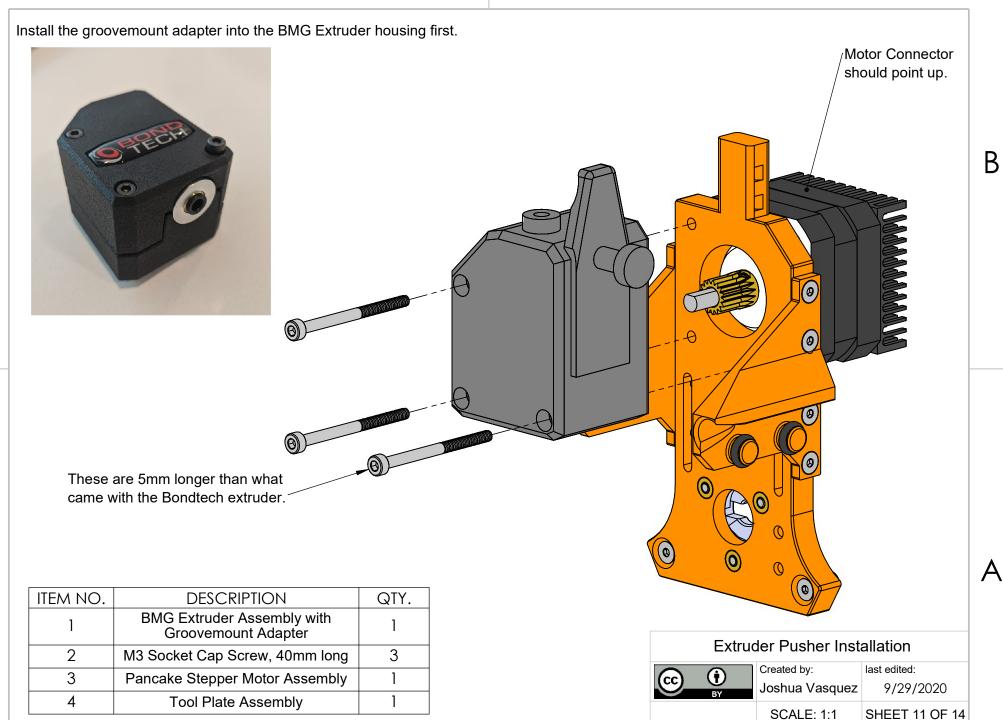
В



ITEM NO.	DESCRIPTION	QTY.
1	Bondtech Motor Gear with Included Setscrew	1
2	Nema 17 Stepper Motor	1
3	Nema 17 Motor Heatsink	1
4	Double-Sided Heat Transfer Tape 40x40mm	1

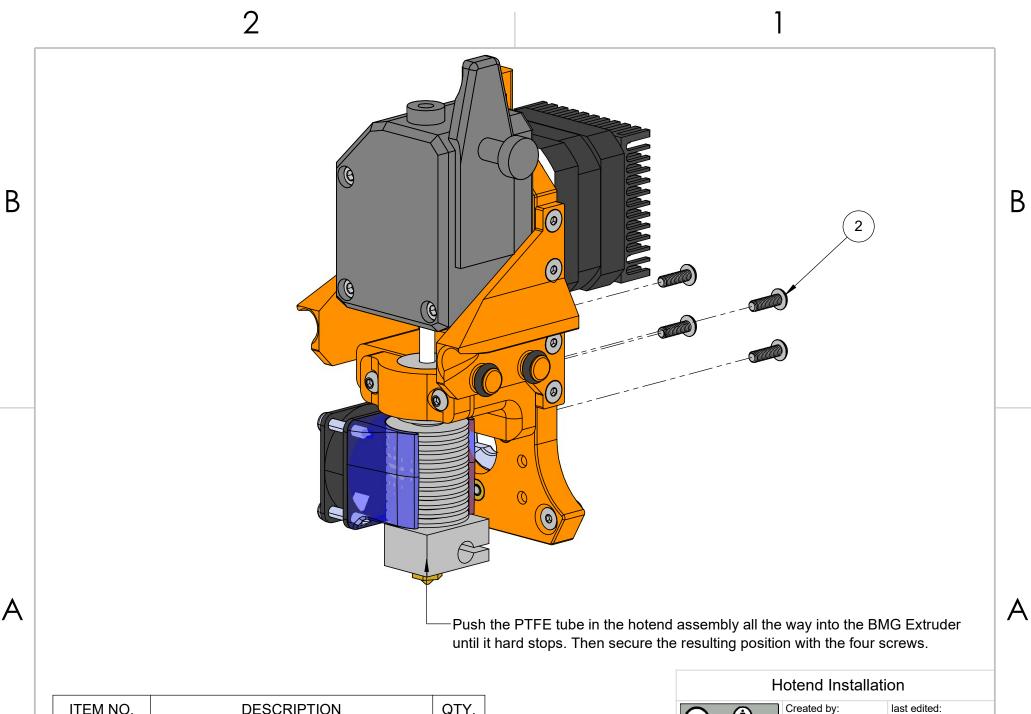
Pancake Motor Assembly			
<u></u>	<b>(</b> )	Created by: Joshua Vasquez	last edited: 9/29/2020
	_	SCALE: 1:1	SHEET 10 OF 14





В

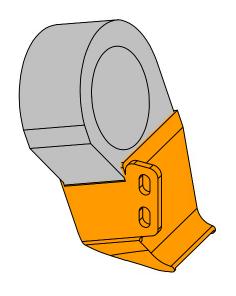
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ITEM NO.	DESCRIPTION	QTY.
2	M3 Buttonhead Screw, 10mm long	4

Hotend Installation			
	<b>(i)</b>	Created by:	last edited:
CC	BY	Joshua Vasquez	9/29/2020
		SCALE: 1:1	SHEET 12 OF 14

/Hit the inner lip with a dab of superglue. Let set for 30 sec. (You can defeat it later with a boxcutter blade, if needed.)



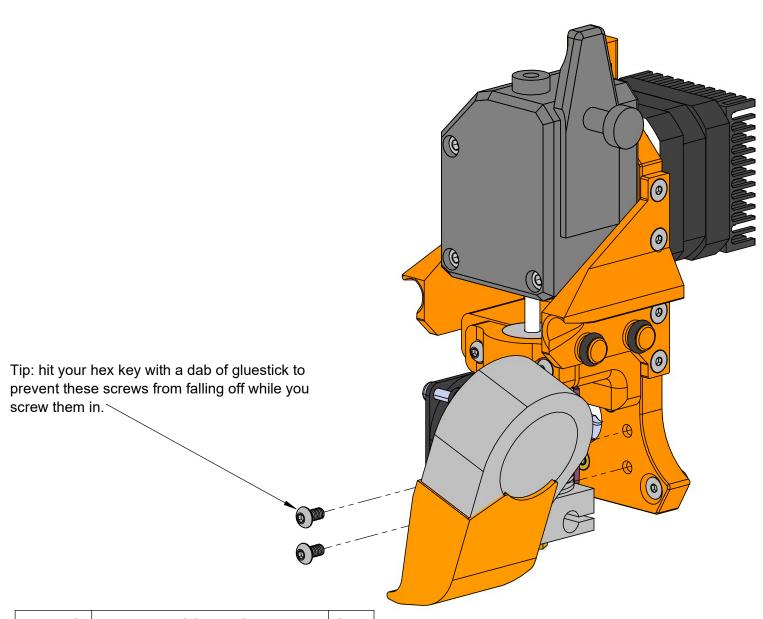
В

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ITEM NO.	DESCRIPTION	QTY.
1	Blower Fan Shroud	1
2	4020 24V Blower Fan	1

Fan and Shroud Assembly			
(CC)	<b>(i)</b> BY	Created by: Joshua Vasquez	last edited: 9/29/2020
		SCALE: 1:1	SHEET 13 OF 14





A

В

ITEM NO.	DESCRIPTION	QTY.
5	Fan with Shroud	1
6	M3 Buttonhead Screw, 6mm long	2

Part Fan Installation			
CC	<b>(i)</b> BY	Created by: Joshua Vasquez	last edited: 9/29/2020
		SCALE: 1:1	SHEET 14 OF 14

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