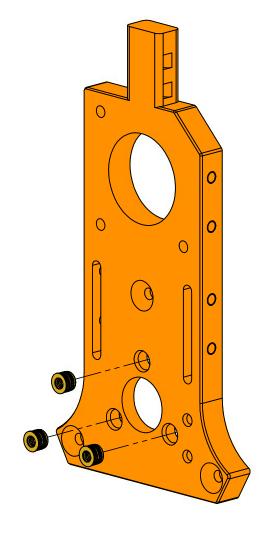
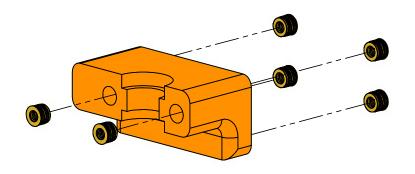


Install the following inserts from the directions shown using the *plate press technique*.



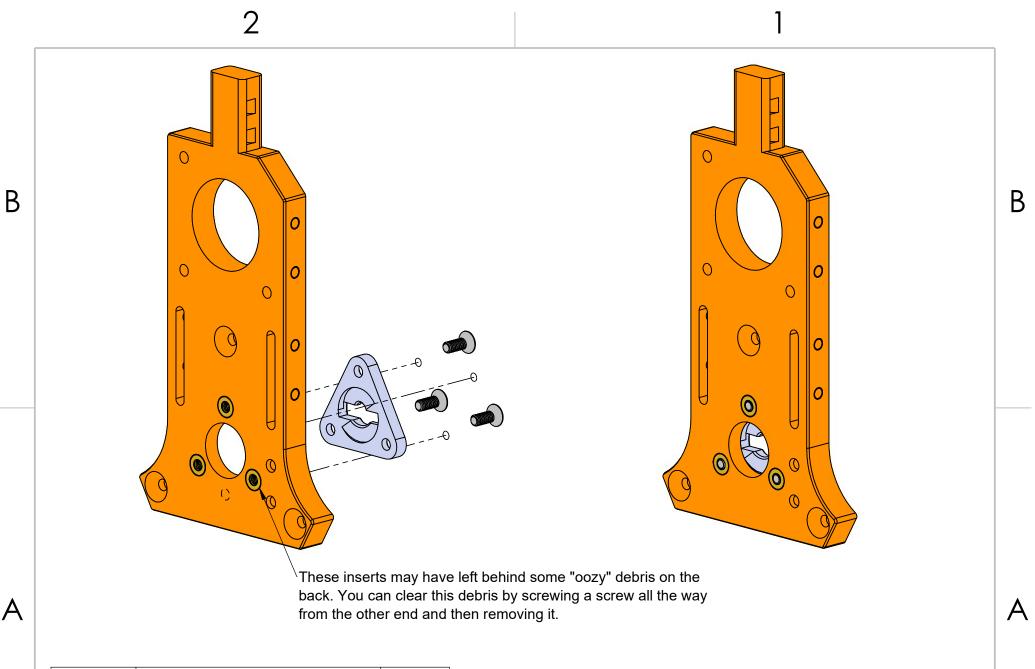


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В

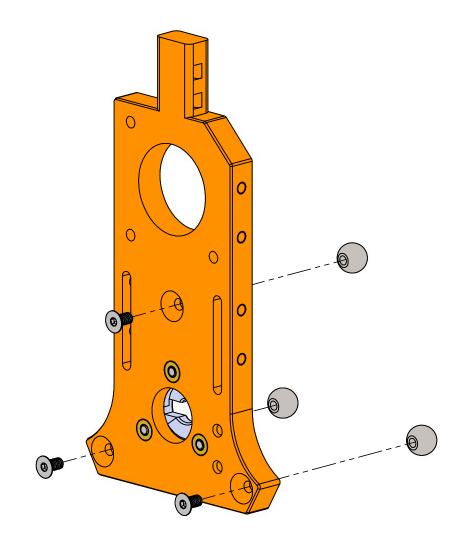
ITEM NO.	DESCRIPTION	QTY.
2	M3 Tapered Heat Set Insert	9
3	Groovemount Base	1
4	Base Tool Plate	1

Heat Set Insert Installation			
CC	<b>(i)</b>	Created by: Joshua Vasquez	last edited: 2/3/2021
		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

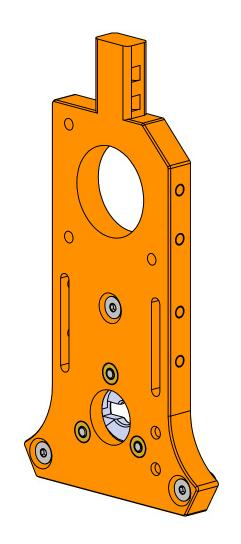
Wedge Plate Installation			
<u></u>	(i) BY	Created by: Joshua Vasquez	last edited: 2/3/2021
		SCALE: 1:1	SHEET 3 OF 14



В

Α

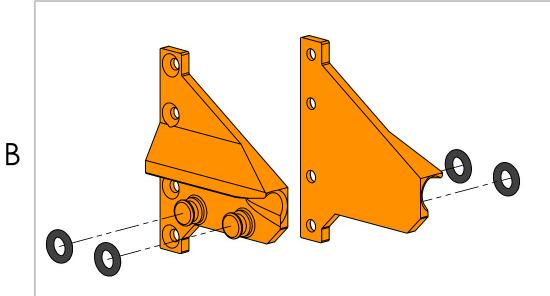
ITEM NO.	DESCRIPTION	QTY.
4	M3 8mm Threaded Tool Balls	3
5	M3 Flathead Screw, 6mm long	3



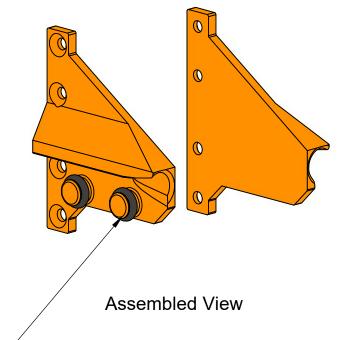
В

Α

Tool Ball Installation			
<u>@</u>	<b>(i)</b> BY	Created by: Joshua Vasquez	last edited: 2/3/2021
		SCALE: 1:1	SHEET 4 OF 14



Exploded View



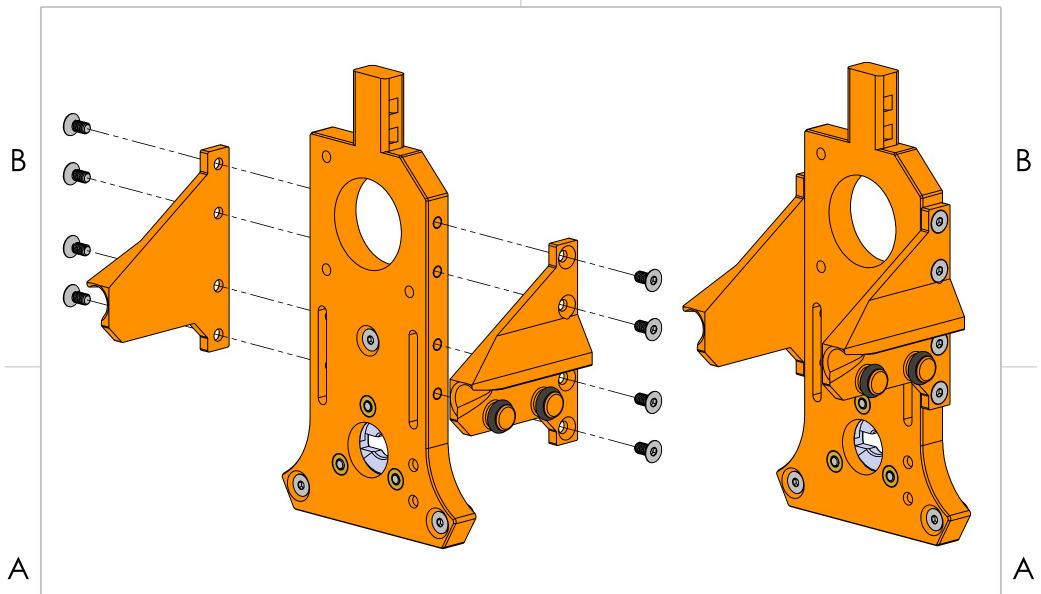
В

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

A

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

Parking Wing Assembly			
(3)	<b>(</b> )	Created by: Joshua Vasquez	last edited: 2/3/2021
		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

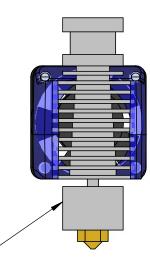
Tool Plate Assembly			
<u></u>	<b>(i)</b> BY	Created by: Joshua Vasquez	last edited: 2/3/2021
		SCALE: 1:1	SHEET 6 OF 14

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

**V6 Instructions** 

Volcano Instructions

В



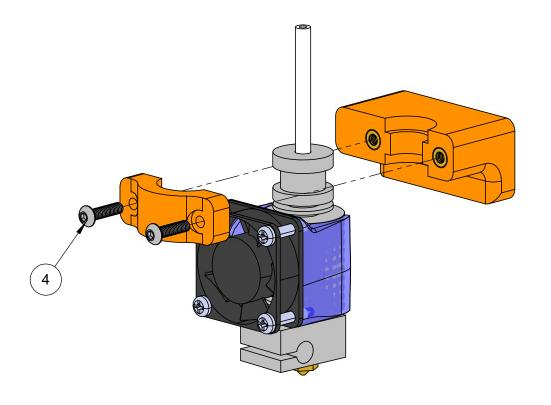
Temporarily wire your extruder to your machine, perform a heater calibration, and fully hot-tighten the extruder. Then disconnect the wires.

## heater calibration instructions

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

Α

Hotend Cold Assembly			
60	<b>(i)</b>	Created by:	last edited:
	BY	Joshua Vasquez	2/3/2021
		SCALE: 1:1	SHEET 7 OF 14



Α

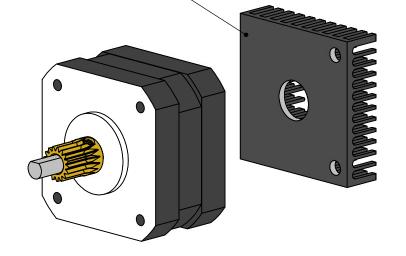
ITEM NO.	DESCRIPTION	
1	Hotend Assembly with PTFE Tube	1
2	Groovemount Base with Inserts	1
3	Groovemount Clip	1
4	M3 Buttonhead Screw, 12mm long	2
4	M3 Buttonhead Screw, 12mm long	2

Hotend Base Assembly				
(CC)	<b>(</b> )	Created by: Joshua Vasquez	last edited: 2/3/2021	
		SCALE: 1:1	SHEET 9 OF 14	

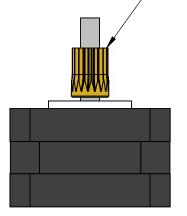
В

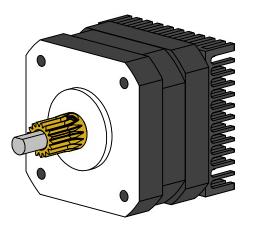
Attach with double-sticky heat-transfer tape.

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



В





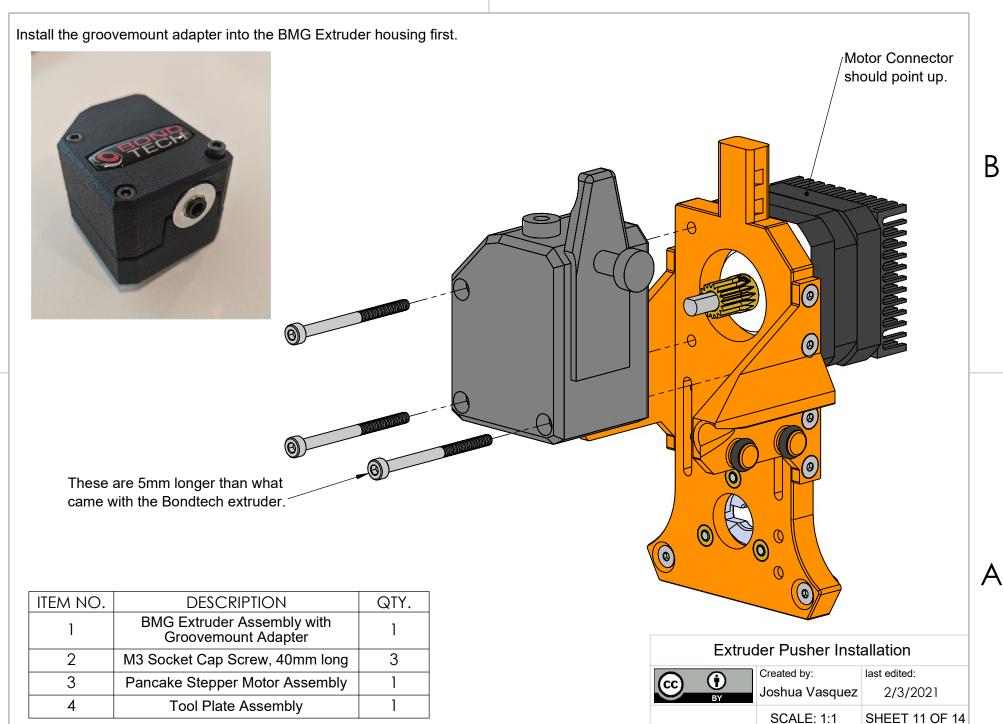
ITEM NO.	DESCRIPTION	QTY.
1	Bondtech Motor Gear with Included Setscrew	1
2	Nema 17 Stepper Motor	1
3	Nema 17 Motor Heatsink	1
4	Double-Sided Heat Transfer Tape 40x40mm	1

Pancake Motor Assembly				
(3)	(i)	Created by: Joshua Vasquez	last edited: 2/3/2021	
		SCALE: 1:1	SHEET 10 OF 14	

A

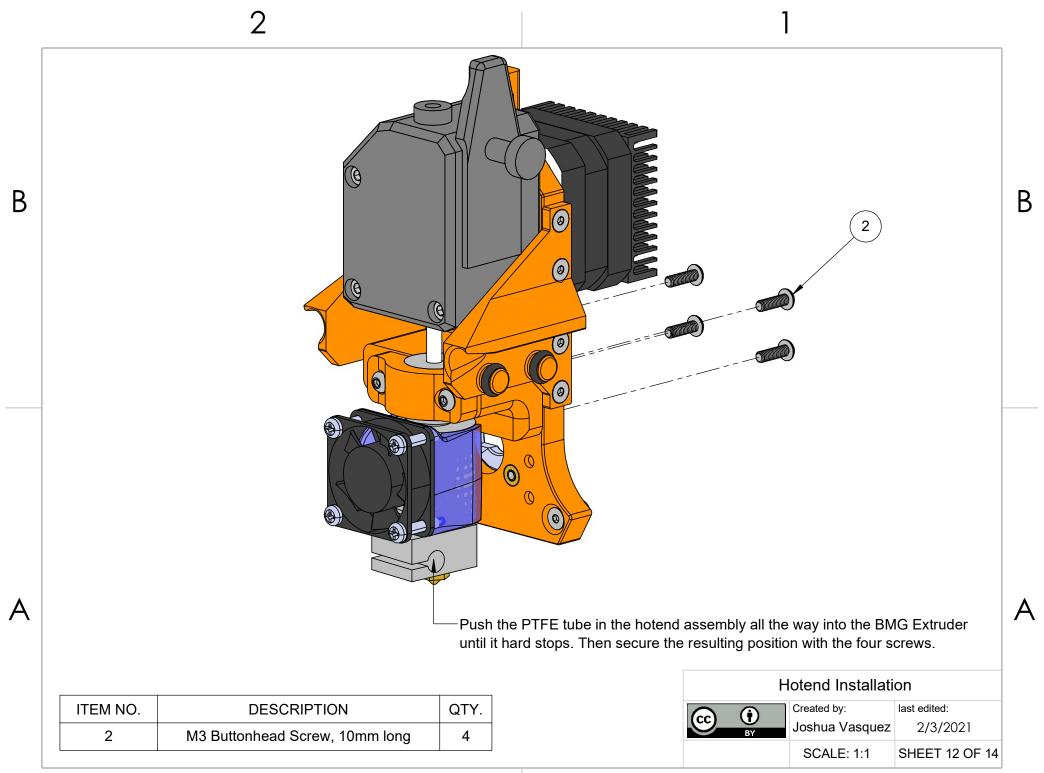
В



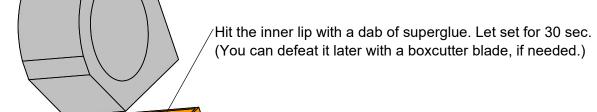


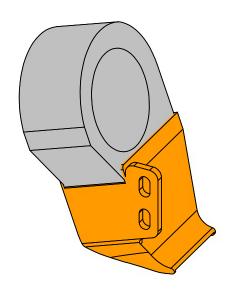
В

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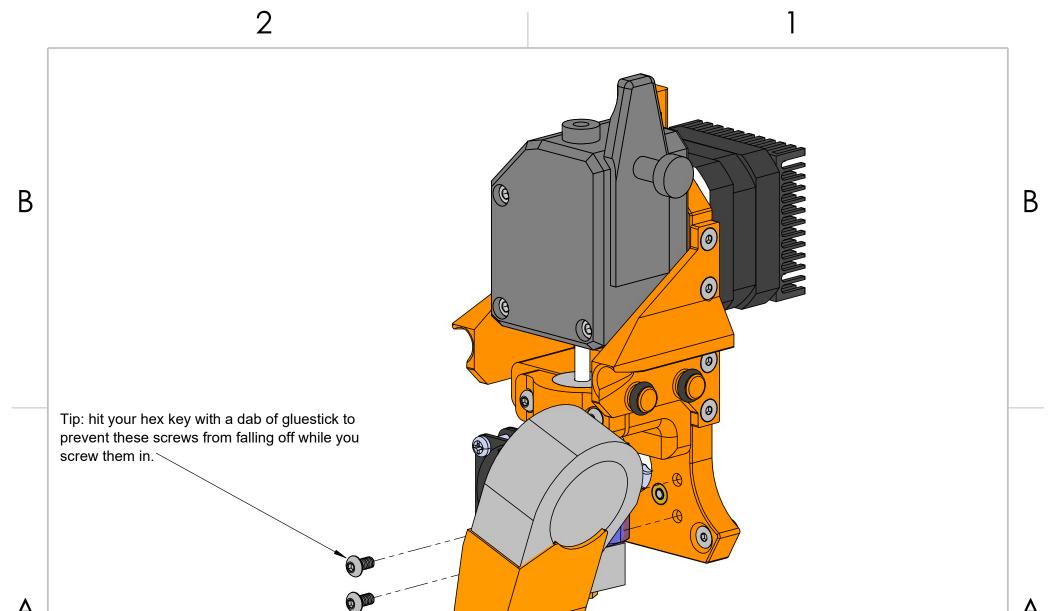




A

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

Fan and Shroud Assembly				
<u></u>	<b>(i)</b> BY	Created by: Joshua Vasquez	last edited: 2/3/2021	
		SCALE: 1:1	SHEET 13 OF 14	



ITEM NO.DESCRIPTIONQTY.5Fan with Shroud16M3 Buttonhead Screw, 6mm long2

Part Fan Installation

Created by: last edited:
Joshua Vasquez 2/3/2021

SCALE: 1:1 SHEET 14 OF 14