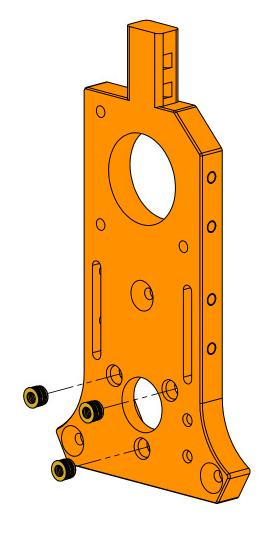
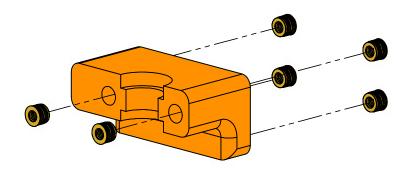


Install the following inserts from the directions shown using the *plate press technique*.





ITEM NO. DESCRIPTION

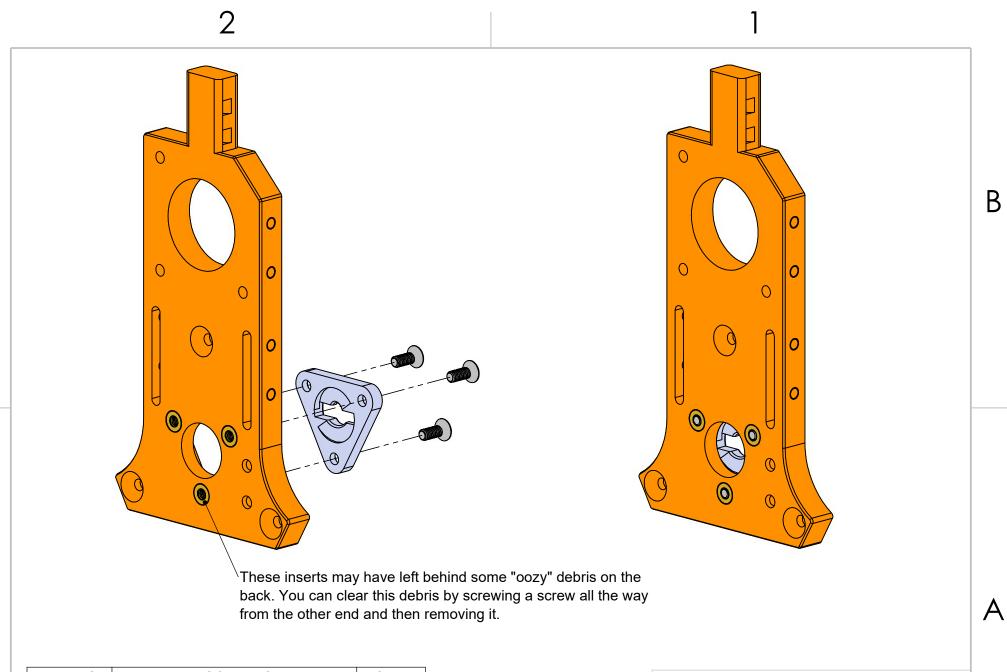
В

ITEM NO.DESCRIPTIONQTY.2M3 Tapered Heat Set Insert93Groovemount Base14Base Tool Plate1

Heat Set Insert Installation			
		Created by:	last edited:
© BY	BY	Joshua Vasquez	9/28/2020
		SCALE: 1:1	SHEET 2 OF 14

В

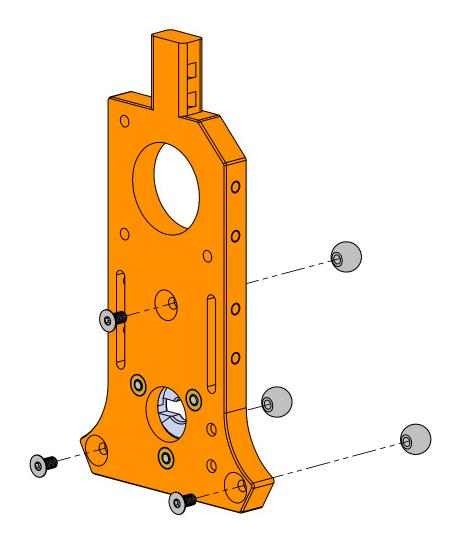
A



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:				
Josh		Joshua Vasquez	9/28/2020	
		SCALE: 1:1	SHEET 3 OF 14	

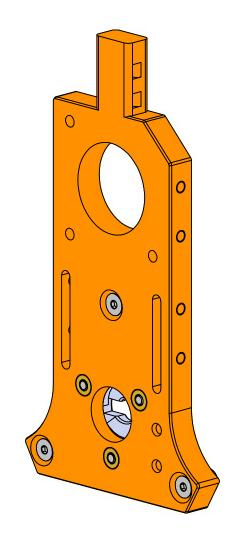
2



В

Α

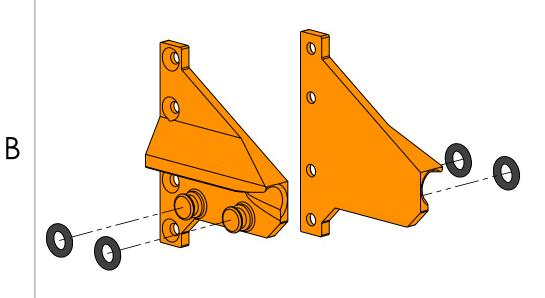
ITEM NO.	DESCRIPTION	QTY.
4	M3 8mm Threaded Tool Balls	3
5	M3 Flathead Screw, 6mm long	3



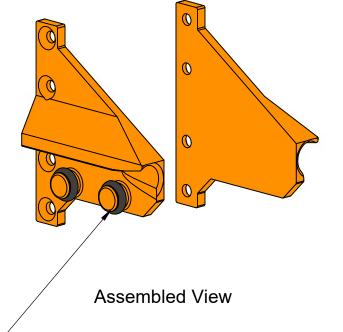
В

Α

Tool Ball Installation				
© <u>•</u>			Created by: Joshua Vasquez	last edited: 9/28/2020
			SCALE: 1:1	SHEET 4 OF 14



Exploded View



В

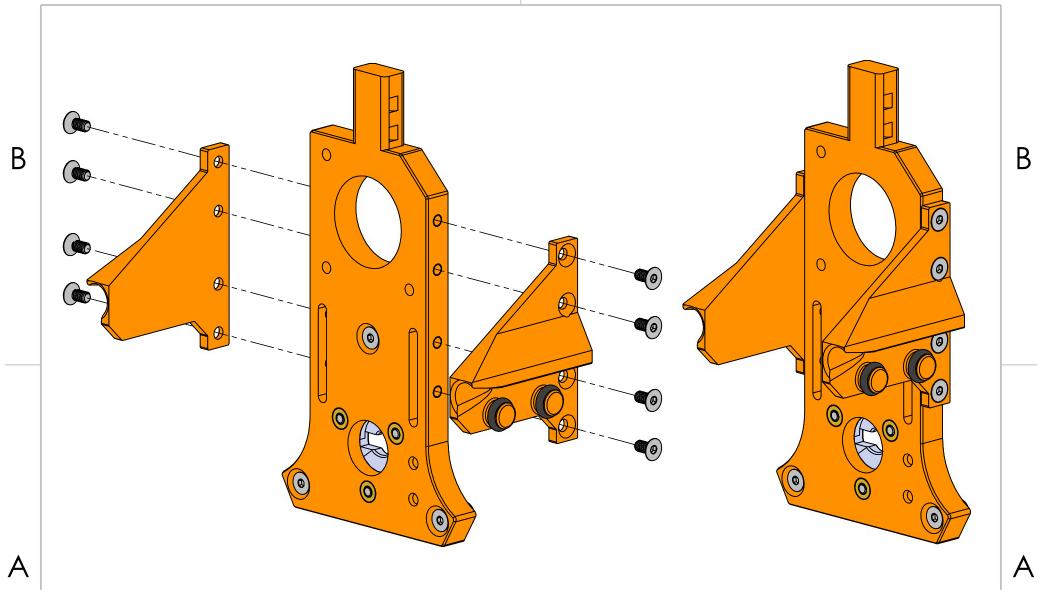
Recommended: apply a small amount of lubricant like white lithium grease to each o-ring.

A

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

Parking Wing Assembly				
<u></u>	last edited: 9/28/2020			
		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

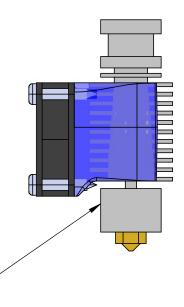
Tool Plate Assembly			
<u></u>	<b>(i)</b> BY	Created by: Joshua Vasquez	9/28/2020
		SCALE: 1:1	SHEET 6 OF 14

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.

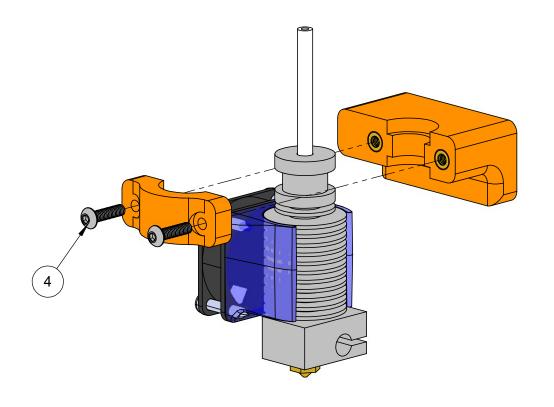
## heater calibration instructions

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

A

Hotend Cold Assembly				
<b>©</b>	<b>(</b> )	Created by: Joshua Vasquez	last edited: 9/28/2020	
		SCALE: 1:1	SHEET 7 OF 14	

end should stick out.



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

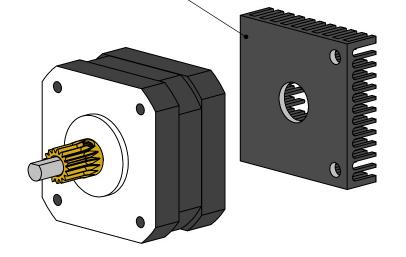
Hotend Base Assembly				
© <b>()</b>		Created by: Joshua Vasquez	last edited: 9/28/2020	
		SCALE: 1:1	SHEET 9 OF 14	

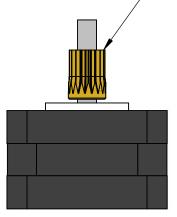
В

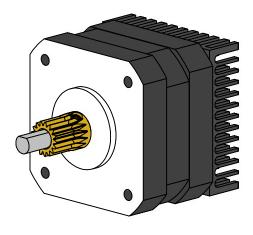
Α

Attach with double-sticky heat-transfer tape.

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







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

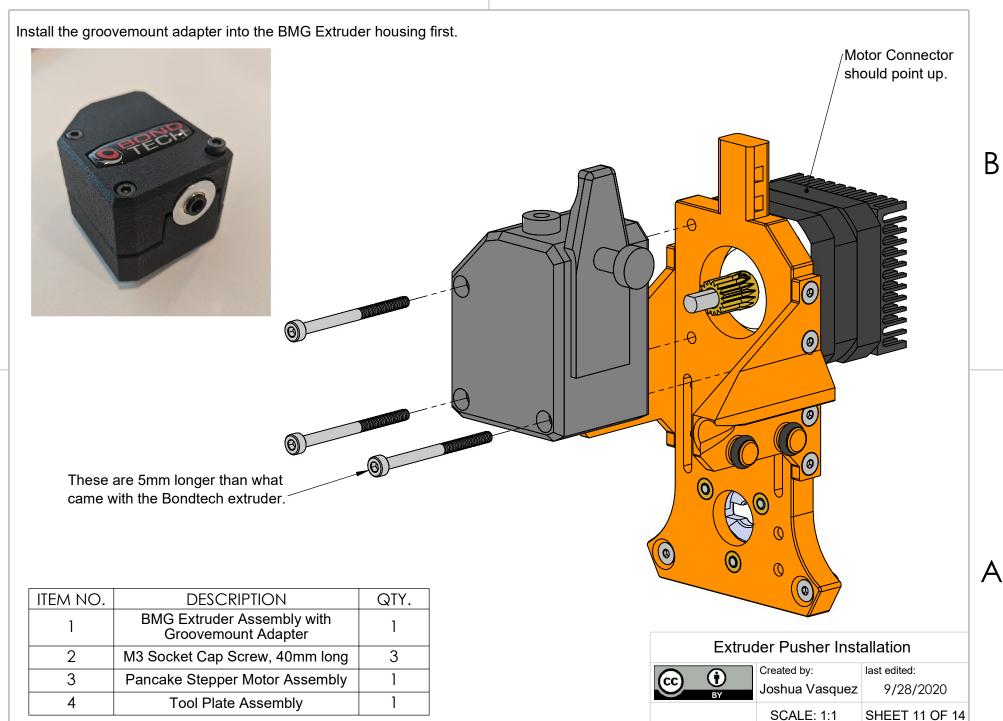
Pancake Motor Assembly			
		Created by:	last edited:
<u></u>	BY	Joshua Vasquez	9/28/2020
		SCALE: 1:1	SHEET 10 OF 14

2

В

Α

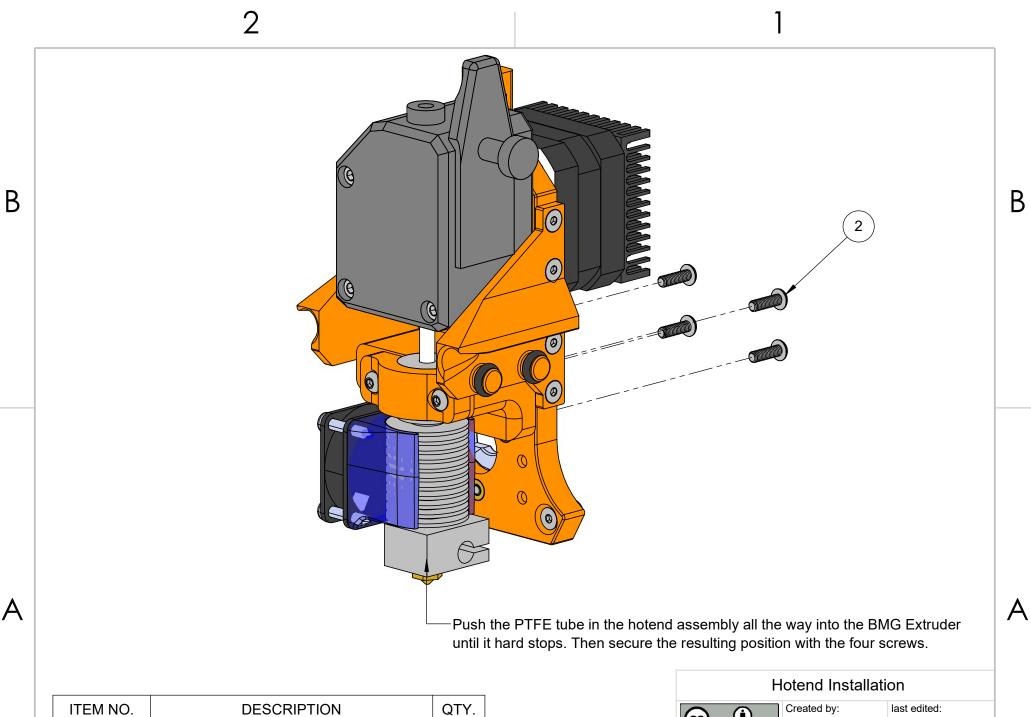




2

В

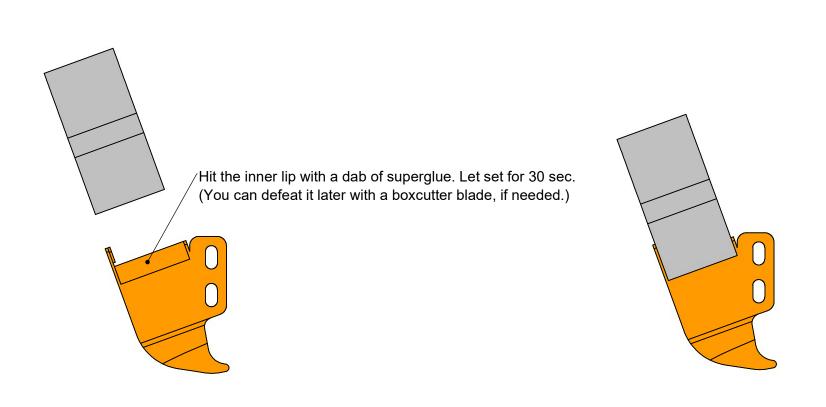
•



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

Hotend Installation			
	<b>(i)</b>	Created by:	last edited:
CC	BY	Joshua Vasquez	9/28/2020
		SCALE: 1:1	SHEET 12 OF 14





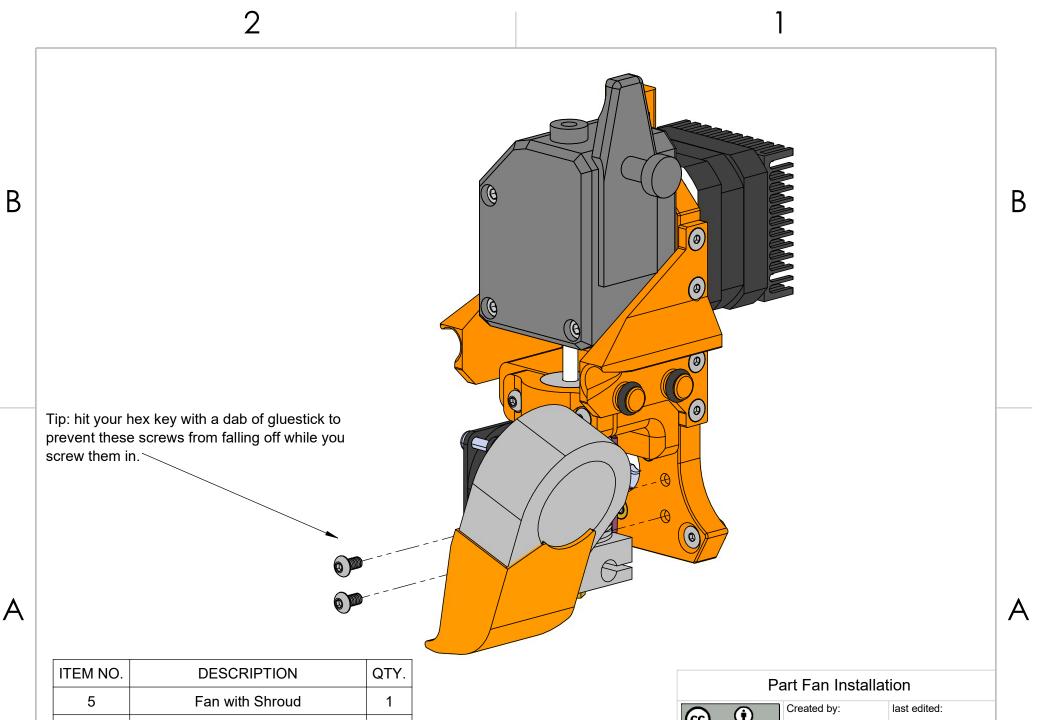
A

В

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: 9/28/2020
		SCALE: 1:1	SHEET 13 OF 14

В



M3 Buttonhead Screw, 6mm long 2

SCALE: 1:1 SHEET 14 OF 14