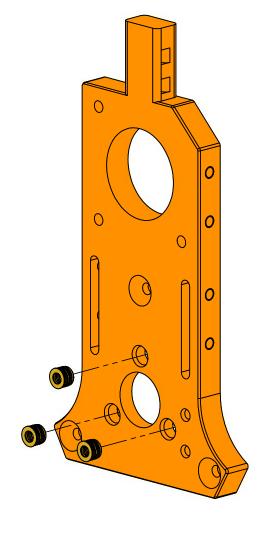
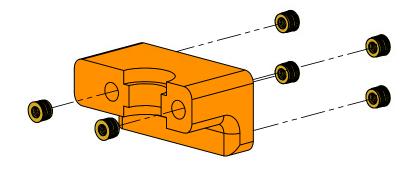


Install the following inserts from the directions shown using the *plate press technique*.



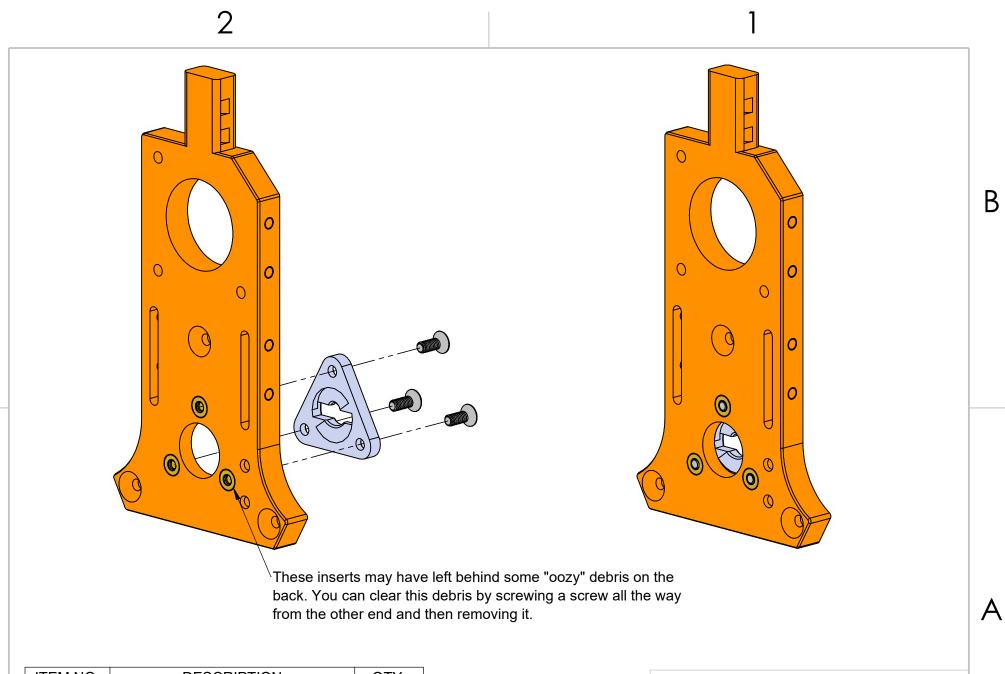


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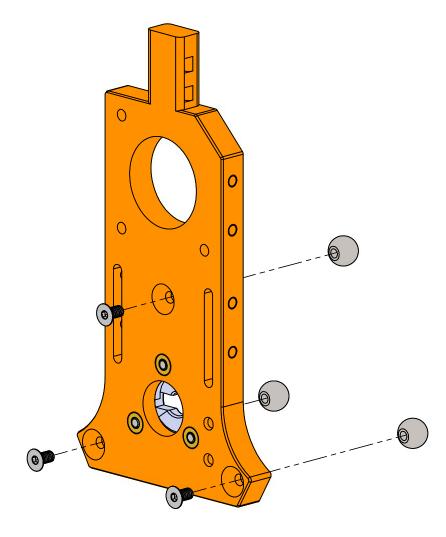
ITEM NO.	DESCRIPTION	QTY.
2	M3 Tapered Heat Set Insert	9
3	Groovemount Base	1
4	Base Tool Plate	1

Heat Set Insert Installation			
Created by: last edited:  Joshua Vasquez 3/30/2021			
	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				
Created by: last edited:				
	BY	Joshua Vasquez 3/30/2021		
		SCALE: 1:1	SHEET 3 OF 14	



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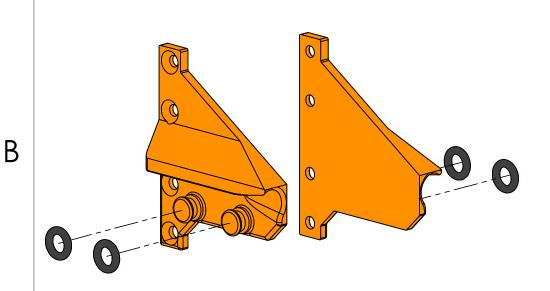
ITEM NO.	DESCRIPTION	QTY.
4	M3 8mm Threaded Tool Balls	3
5	M3 Flathead Screw, 6mm long	3

Tool Ball Installation

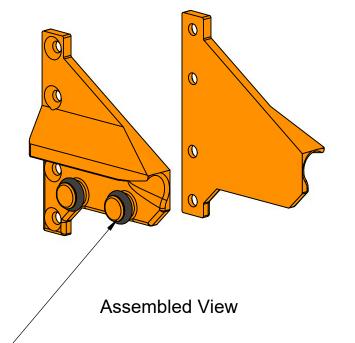
Created by:
Joshua Vasquez

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

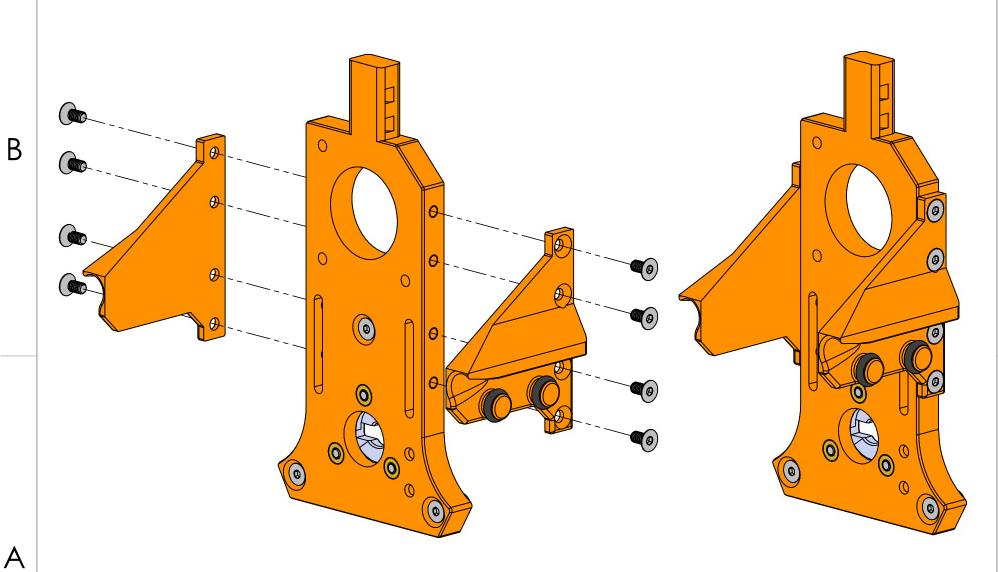
Parking Wing Assembly

Created by:
Joshua Vasquez

SCALE: 1:1

SHEET 5 OF 14





Α

ITEM NO.	DESCRIPTION	QTY.
1		1
2		1
3	Base Tool Plate Assembly	1
4	M3 Flathead Screw, 6mm long	8
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Tool Plate Assembly			
Created by: last edited:  Joshua Vasquez 3/30/2021			
		SCALE: 1:1	SHEET 6 OF 14

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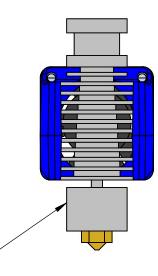
Α

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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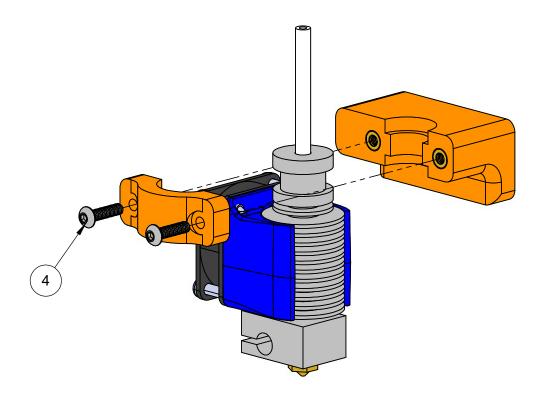
Hotend Cold Assembly			
Created by:  Joshua Vasquez  3/30/2021			
		SCALE: 1:1	SHEET 7 OF 14

end should stick out.

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SCALE: 1:1

SHEET 8 OF 14



Α

4 1.4 1.4 1.1 10 5755 7.1	
1 Hotend Assembly with PTFE Tube	1
2 Groovemount Base with Inserts	1
3 Groovemount Clip	1
4 M3 Buttonhead Screw, 12mm long	2

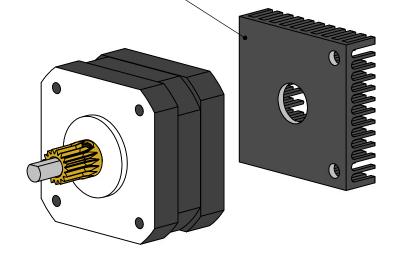
Hotend Base Assembly			
Created by: last edited:  Joshua Vasquez 3/30/2021			
		SCALE: 1:1	SHEET 9 OF 14

В

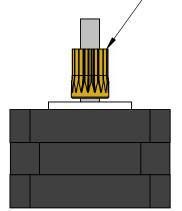
Α

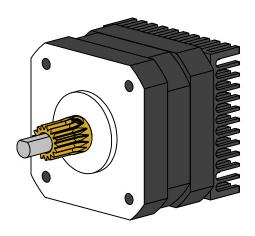
Attach with double-sticky heat-transfer tape.

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



В





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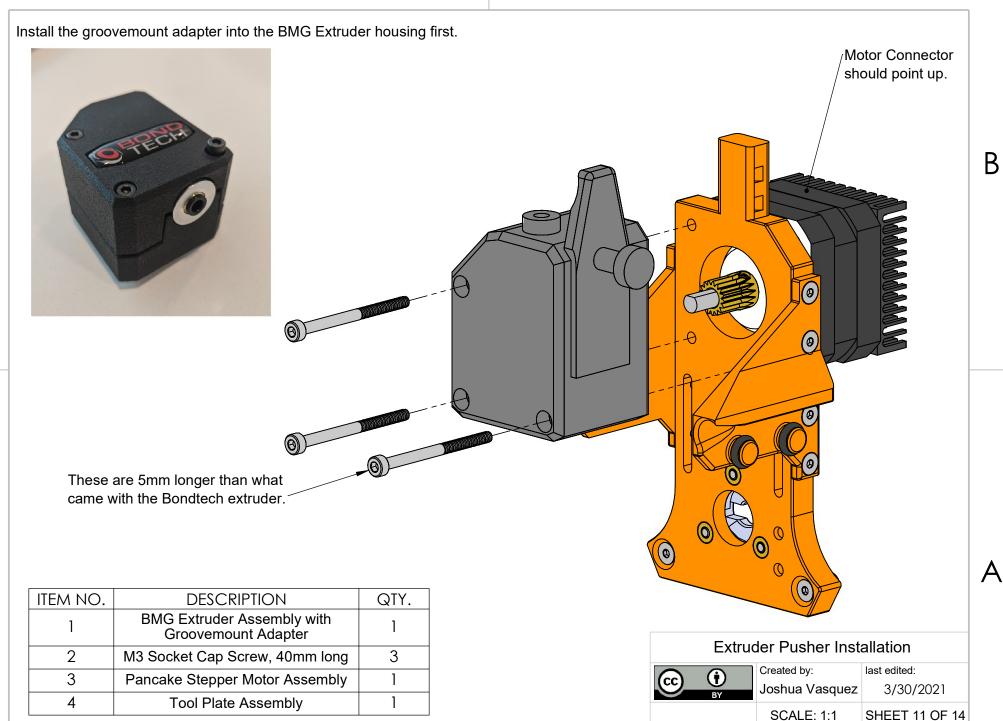
В

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

Pancake Mo	otor Assembly
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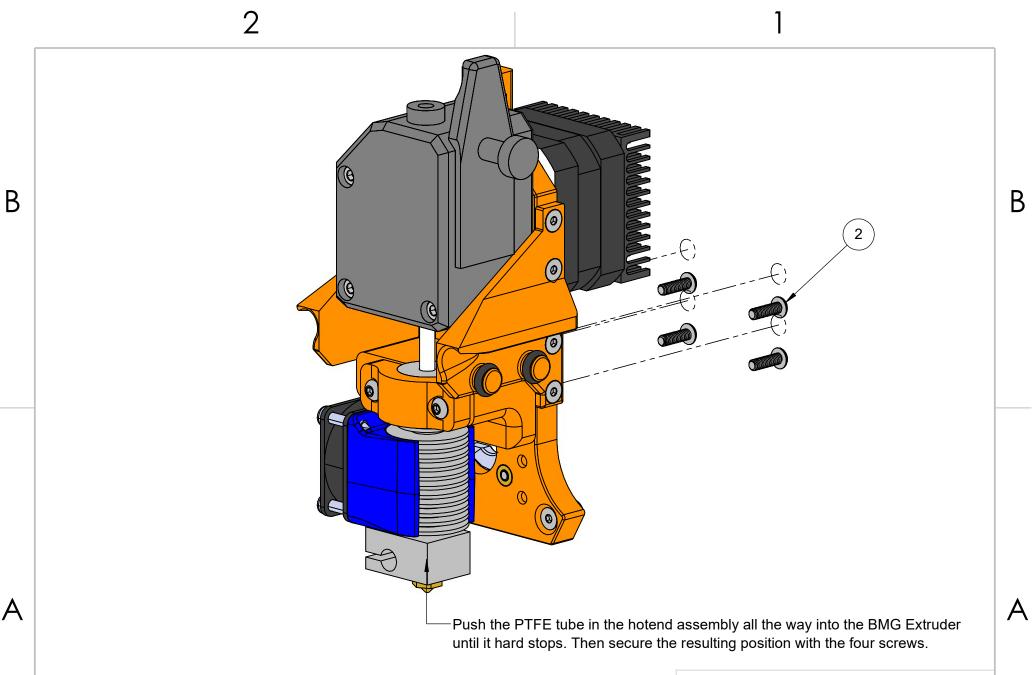
<b>(c)</b>	Created by:	last edited:
BY	Joshua Vasquez	3/30/2021
	SCALE: 1:1	SHEET 10 OF 14





В

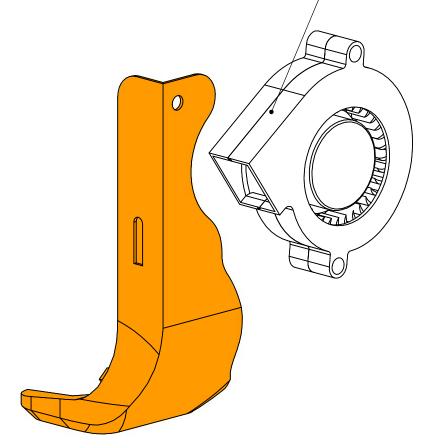
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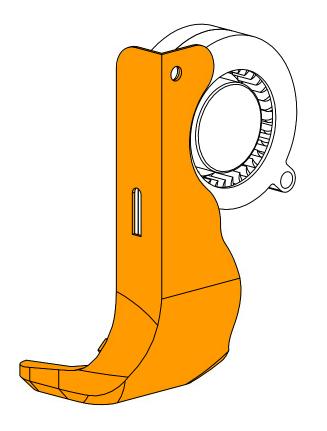


ITEM NO.	DESCRIPTION	QTY.
2	M3 Buttonhead Screw, 10mm long	4

Hotend Installation				
	<b>(i)</b>	С	reated by:	last edited:
CC	BY	J	oshua Vasquez	3/30/2021
			SCALE: 1:1	SHEET 12 OF 14

/Hit this section with a teeny bit of hot glue or superglue for a secure fit during normal use.



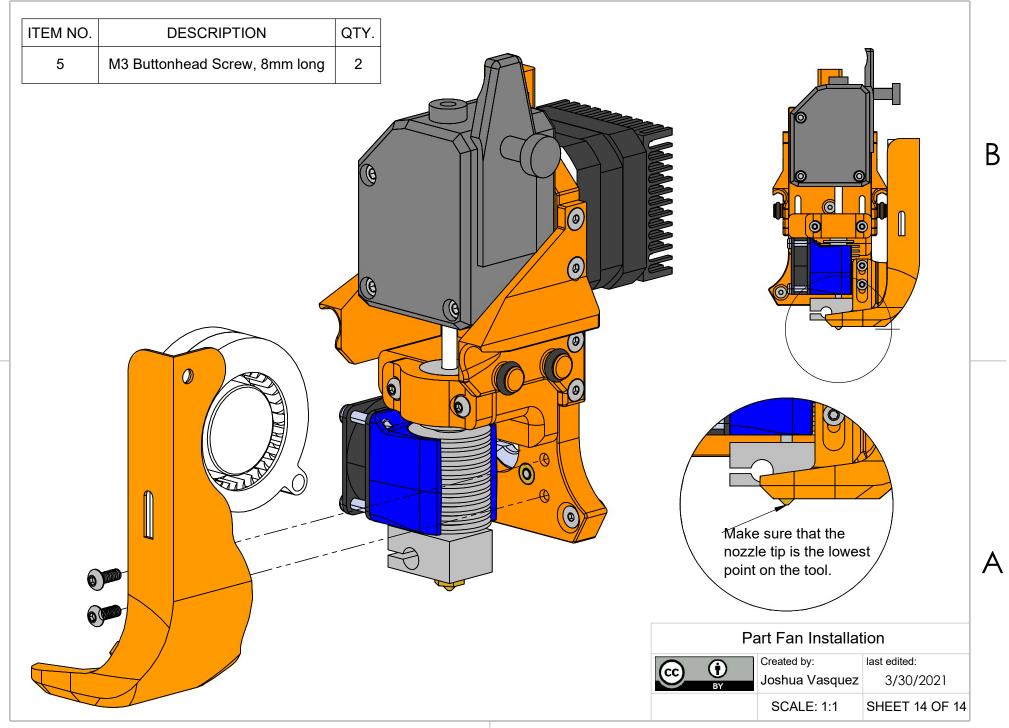


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ITEM NO.	DESCRIPTION	QTY.
1	Cooling Nozzle 2a by @edthesped	1
2	5015 Blower Fan	1

Fan and Shroud Assembly			
<u></u>	<b>(i)</b> BY	Created by: Joshua Vasquez	last edited: 3/30/2021
		SCALE: 1:1	SHEET 13 OF 14



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В

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