

Title Trident_1-9_complementary_3dPartsBuild_doco (Proposed future filename)
File name Voron_1.9_3dprinting_guide.pdf (You put . In a filename?)
Date 2021-12-15 AM Drop 3 (Unofficial version number)
Copy-rite None. Free domain. Be free. Fly my pretties. FLY!
Warranty None. Use at own risk. For entertainment purposes only.
Author(s) Stephen George (Original idea and creation)
Claudermilk (Major proof read and error checking)

Introduction

Use this guide to print the parts as you need them, possibly the night before.

Latest version?

I tend to rush the first draft out and let everyone complain. To get the latest version of this document please goto url below and check the date.

https://github.com/LesserSpottedAustralianSquirrel/voron_trident_pics/blob/main/Voron_1.9_trident_3dprinting_guide.pdf

Print parameters (More details on page 4 of official Trident manual)

Material ABS, Infill gyroid, Infill 40% Layer_height 0.2mm, Wall_count 4, Top/bottom layers 5, Nossle/Nozzle 0.4mm

NB: Many of the Voron parts “mate” together. Therefore the top needs to be quite smooth. I found that a light sand papering helped allow these parts to mate. Another idea maybe to enable “ironing” in your slicer.

NB: I used a Prusa mini to print the parts in ABS. I had to use a brim to prevent warping. While the brim came off easily I had to use a plumbers deburring tool (from the hardware shop) and sometimes a craft knife to remove the elephants foot like effect.

The Rules

The first time a picture of a part is shown in the official instructions it should be added to the list below, along with the page number. After that it's ignored as you should have already printed it.

The Machine the parts are for

Building Formbot kit, 250 x 250, Direct feed, Dragon High Flow, 3 hole cable chain.

Keeping track

The Printed ☐ tick box, under the picture, allows you to print out this pdf and tick off the parts as they come off the printer. Hopefully you won't double print when you don't want to.


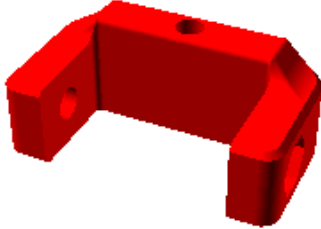
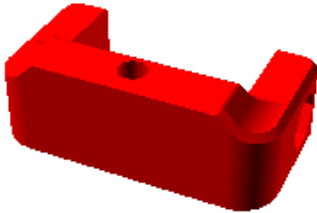
Future Improvements to this doc

- 3) Add time of print using a Prusa mini as a guide.
- 4) Add AA (anti-aliasing) to images using gimp and scripts


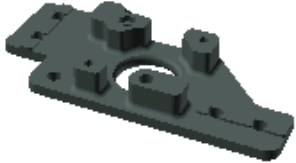
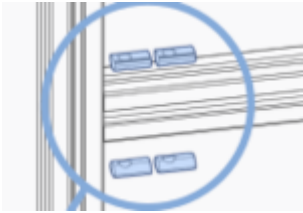
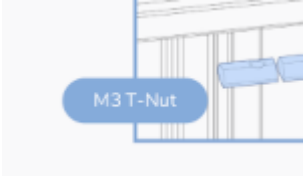
NB thanks for all the great ideas. Even if I have not had time (yet) to implement them all. They are much appreciated. Any other ideas or comments please visit old.reddit.com/r/VORONDesign

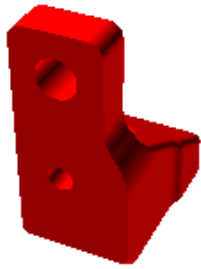
Notes

This is fan base documentation. The official document take precedence in any conflict of information or technical detail.

Picture	Details	Comment
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/AB_Drive_Units</p> <p>Filename a_drive_frame_upper</p> <p>Page Number 26</p>	<p>And so it begins</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/ Front_Idlers</p> <p>Filename [a]_tensioner_left</p> <p>Page number 27</p>	<p>NB Page 27 “Look for asterix next to the part. It indicates that this is an accent part.”</p> <p>Except * is not a good character in a file name, so they changed it to Files starting with [a]</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/ Front_Idlers</p> <p>Filename [a]_tensioner_right</p> <p>Page number 27</p>	<p>Joke alert Don't print part rm *</p> <p>If you have no idea what I am talking about please ignore this note</p>

 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/ Front_Idlers</p> <p>Filename front_idler_a_x2</p> <p>Page number 28</p>	<p>x2</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/ Front_Idlers</p> <p>Filename front_idler_b_x2</p> <p>Page number 28</p>	<p>x2</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/AB_Drive_Units</p> <p>Filename a_drive_frame_lower</p> <p>Page number 34</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Tools</p> <p>Filename AB_pulley_jig</p> <p>Page number 35</p>	<p>Tool</p>

 <p>Printed?</p> <input type="checkbox"/>	<p>Directory STLs/Gantry/AB_Drive_Units</p> <p>Filename b_drive_frame_lower</p> <p>Page number 37</p>	
 <p>Printed?</p> <input type="checkbox"/>	<p>Directory STLs/Gantry/AB_Drive_Units</p> <p>Filename b_drive_frame_upper</p> <p>Page number 38</p>	
	<p>T-Nuts M5 AKA “Roll in” T nuts</p> <p>Page number 44</p>	<p>They don't have to go into the end.</p> <p>They can be “rolled in”.</p> <p>No need to disassemble frame.</p>
	<p>Warning Lone M3 on page. Pretending to be M5</p> <p>Page number 44</p>	<p>Beware Of of the lone lone M3 T-nut. Which I read as an M5 and had to get it back out.</p>



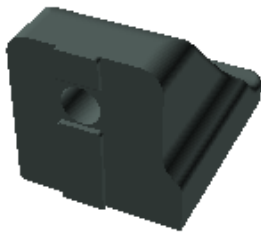
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Directory
STLs/Gantry/AB_Drive_Units

Filename
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Page number
50



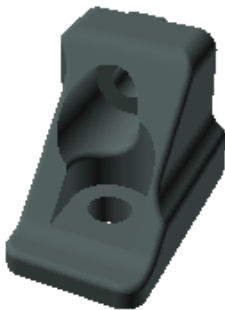
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Directory
STLs/Z_Assembly

Filename
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Page number
53



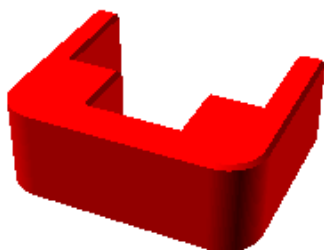
Printed?

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Directory
STLs/Z_Assembly

Filename
z_rear_extrusionbracket_right

Page number
55



Printed?

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Directory
STLs/Tools

Filename
MGN9_rail_guide_x2

Page number
58

x2



Printed?

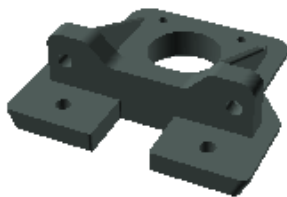
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Directory
STLs/Z_Assembly

Filename
z_carriage_rear_3hole

Page number
64

Check directory for
2 hole version if
required
on cable chain



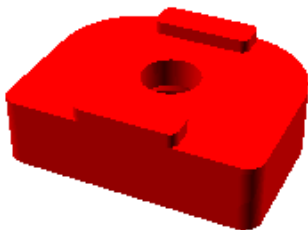
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STLs/Z_Assembly

Filename
z_stepper_rear

Page number
65



Printed?

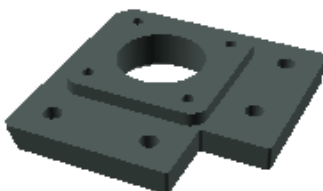
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Directory
STLs/Z_Assembly

Filename
[a]_z_rail_stop_x3

Page number
68

x3



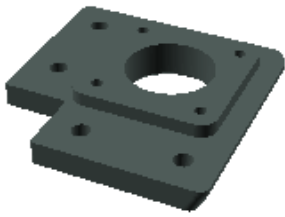
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Filename
z_stepper_left

Page number
69



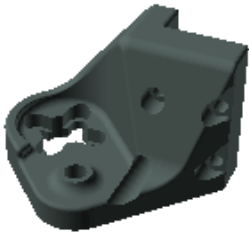
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Directory
STLs/Z_Assembly

Filename
z_stepper_right

Page number
73



Printed?

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Directory
STLs/Z_Assembly

Filename
z_carriage_left

Page number
77



Printed?

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Directory
STLs/Z_Assembly

Filename
[a]_z_carriage_left

Page number
77





Printed?



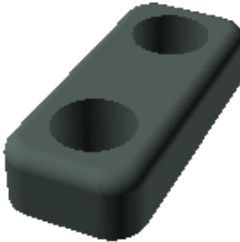
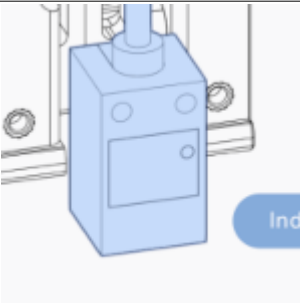
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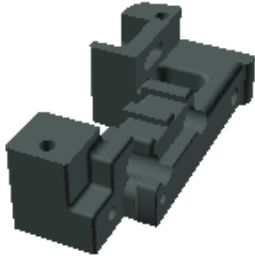
Directory
STLs/Z_Assembly

Filename
[a]_z_carriage_right

Page number
79

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 <p>Printed?</p> <input type="checkbox"/>	<p>Directory STLs/Skirt</p> <p>Filename corner_a_x2</p> <p>Page number 90</p>	x2
 <p>Printed?</p> <input type="checkbox"/>	<p>Directory STLs/Skirt</p> <p>Filename corner_b_x2</p> <p>Page number 90</p>	x2
 <p>Printed?</p> <input type="checkbox"/>	<p>Directory STLs/Skirt</p> <p>Filename [a]_corner_baseplate_a_x2</p> <p>Page number 90</p>	x2

 <div>Printed? <input type="checkbox"/></div>	<div>Directory STLs/Skirt</div> <div>Filename [a]_corner_baseplate_b_x2</div> <div>Page number 90</div>	<div>x2</div>
	<div>Page 99 has been ignored for the purposes of this doco . It is an overview or copy of the pic on 98. Also it has way too many parts on it. Normal service to resume</div>	
 <div>Printed? <input type="checkbox"/></div>	<div>Directory STLs/Gantry/ X_Axis/X_Carriage</div> <div>Filename probe_retainer_bracket</div> <div>Page number 100</div>	<div>Note: There are two similar shapes. The one displayed and the 9mm one.</div> <div>probe_retainer_bracket_9mm.st</div> <div>But which one? See below</div>
	<div>Which probe_retainer_bracket?</div> <div>This all depends on your probe see page 111</div> <div>After putting my X carriage together on page 110, my probe was flush with the X carriage.</div> <div>I decided to go with the standard probe_retainer_bracket. It seem to work fine.</div>	
<div>My probe from the formbot kit was a Omron TL-Q5MMC2-Z</div> <div>It was flush with the X carriage when it was assembled</div>		



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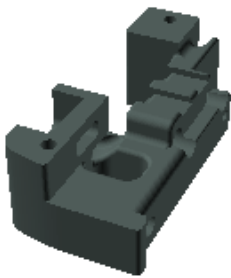
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Directory
STLs/Gantry/
X_Axis/X_Carriage

Filename
x_carriage_frame_left

Page number
100

I had to gently sand the top of this part so it would mate properly



Printed?

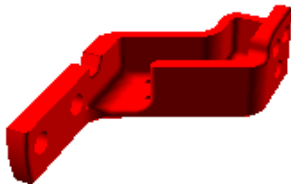
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Directory
STLs/Gantry/
X_Axis/X_Carriage

Filename
x_carriage_frame_right

Page number
100

I had to gently sand the top of this part so it would mate properly



Printed?

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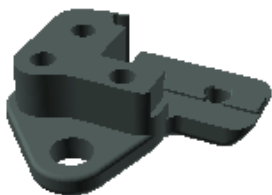
Directory
STLs/Gantry/
X_Axis/XY_Joints

Filename
[a]_xy_joint_cable_bridge_3hole

Page number
100

Note: Check directory for 2 hole version if required for cable chain

Mine's a 3 hole



Printed?


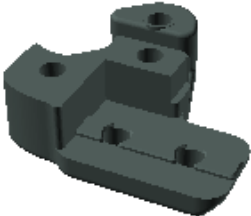
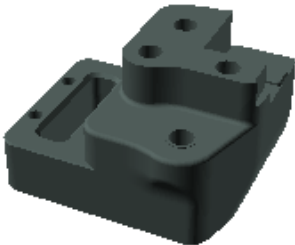
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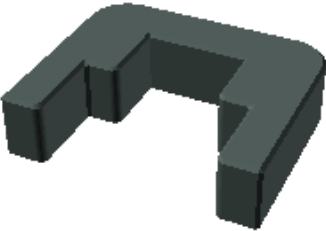


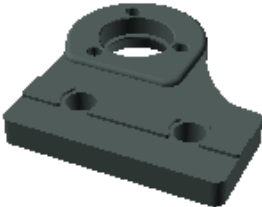
Directory
STLs/Gantry/
X_Axis/XY_Joints

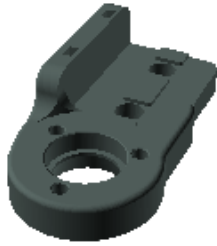
Filename
xy_joint_right_upper_MGN12

Page number
101

NB if you are using a brim to prevent ABS warping you may have to remove it round the crevice outlined below

	<p>Notes</p> <p>Crevice outlined in blue on Right XY Joint. May need to be “cleaned out” with a craft knife if you have printed with a brim.</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/ X_Axis/XY_Joints</p> <p>Filename xy_joint_right_lower_MGN12</p> <p>Page number 102</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/ X_Axis/XY_Joints</p> <p>Filename xy_joint_left_upper_MGN12</p> <p>Page number 105</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/ X_Axis/XY_Joints</p> <p>Filename xy_joint_left_lower_MGN12</p> <p>Page number 106</p>	

 <p>Printed?</p> <input type="checkbox"/>	<p>Directory STLs/Tools</p> <p>Filename MGN12_rail_guide_x2</p> <p>Page number 113</p>	<p>x2</p>
	<p>Non printable part. Thermal fuse</p> <p>Page number 129</p>	<p>Please skip. Non printable part.</p>
 <p>Printed?</p> <input type="checkbox"/>	<p>Directory STLs/Z_Assembly</p> <p>Filename nozzle_probe</p> <p>Page number 130</p>	
 <p>Printed?</p> <input type="checkbox"/>	<p>Directory STLs/Z_Assembly</p> <p>Filename z_bed_left</p> <p>Page number 134</p>	



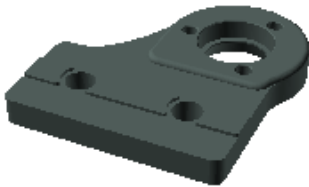
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Directory
STLs/Z_Assembly

Filename
z_bed_rear

Page number
136



Printed?

☐

Directory
STLs/Z_Assembly

Filename
z_bed_right

Page number
138



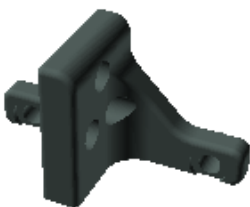
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Directory
STLs/Gantry/
X_Axis/X_Carriage/Direct Feed

Filename
extruder_motor_plate

Page number
146



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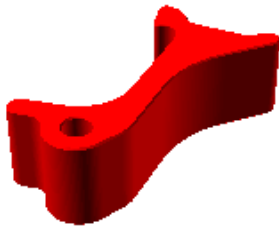
Directory
STLs/Gantry/
X_Axis/X_Carriage/
Direct Feed

Filename
chain_anchor_3hole

Page number
146

Check directory for
2 hole version if
required

 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/ X_Axis/X_Carriage/ Direct Feed</p> <p>Filename [a]_latch_shuttle</p> <p>Page number 146</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/ X_Axis/X_Carriage/ Direct Feed</p> <p>Filename extruder_body</p> <p>Page number 147</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/X_Axis/X_Carriage/ Toolheads/Dragon</p> <p>Filename printhead_front_dragon</p> <p>Page number 148</p>	<p>DRAGON mount DO YOU HAVE A DRAGON hot end?</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/ X_Axis/X_Carriage/Toolheads/ Dragon</p> <p>Filename printhead_rear_dragon</p> <p>Page number 149</p>	<p>DRAGON mount DO YOU HAVE A DRAGON hot end?</p>



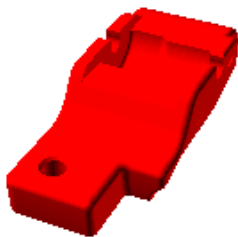
Printed?

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Directory
STLs/Gantry/
X_Axis/X_Carriage/Direct Feed

Filename
[a]_latch

Page number
161



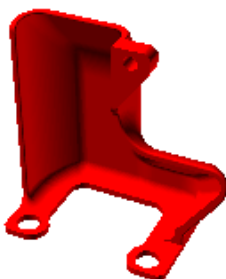
Printed?

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Directory
STLs/Gantry/
X_Axis/X_Carriage/Direct Feed

Filename
[a]_guidler

Page number
161



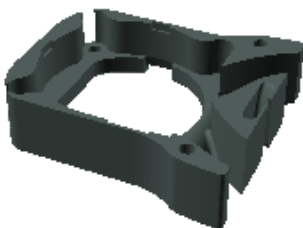
Printed?

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Directory
STLs/Gantry/
X_Axis/X_Carriage/Direct Feed

Filename
[a]_connector_cover

Page number
163



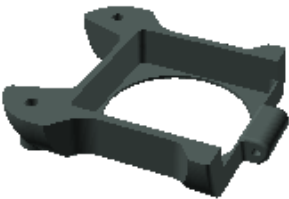

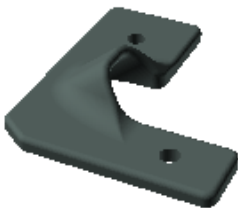
Printed?


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Directory
STLs/Gantry/
X_Axis/X_Carriage

Filename
blower_housing_rear

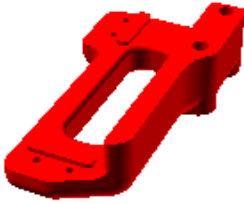
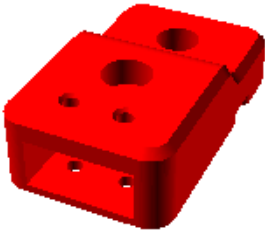

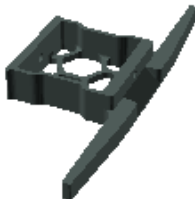
Page number
166

 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/ X_Axis/X_Carriage</p> <p>Filename hotend_fan_mount</p> <p>Page number 166</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/ X_Axis/X_Carriage</p> <p>Filename [a]_blower_housing_front</p> <p>Page number 167</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Z_Assembly</p> <p>Filename z_cable_chain_mount_3hole</p> <p>Page number 173</p>	<p>Check directory for 2 hole version if required</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Panels</p> <p>Filename wire_corner_left</p> <p>Page number 175</p>	

 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Panels</p> <p>Filename wire_corner_right</p> <p>Page number 176</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Panels</p> <p>Filename deck_support_4mm_x8</p> <p>Page number 178</p>	<p>X 8</p> <p>NB there are two variants 4mm and 3mm</p> <p>deck_support_3mm_x8</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/ElectronicsBay</p> <p>Filename DIN_center_support_x2</p> <p>Page number 181</p>	<p>x2</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/ElectronicsBay</p> <p>Filename DIN_frame_mount_x4</p> <p>Page number 181</p>	<p>x4</p>

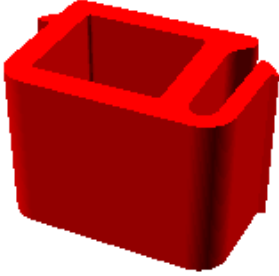

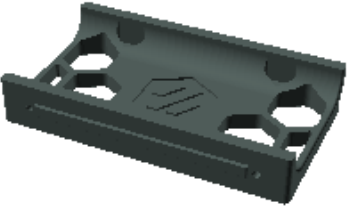
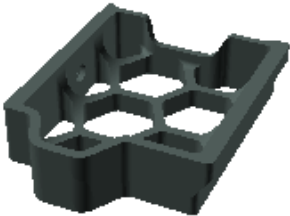
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/ElectronicsBay</p> <p>Filename cable_frame_anchor_x6</p> <p>Page number 185</p>	<p>X6</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/ElectronicsBay</p> <p>Filename pcb_din_clip_v2_x5</p> <p>Page number 189</p>	<p>x5</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/ElectronicsBay</p> <p>Filename raspberrypi_bracket</p> <p>Page number 189</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/ElectronicsBay</p> <p>Filename rs25_psu_bracket</p> <p>Page number 191</p>	

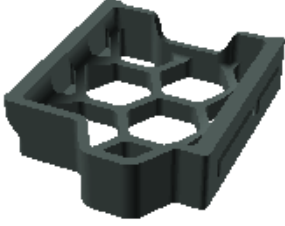
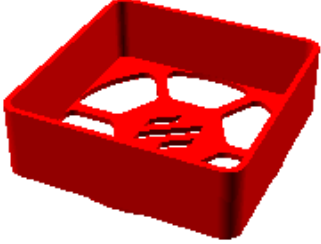
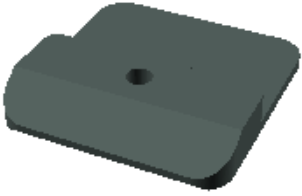
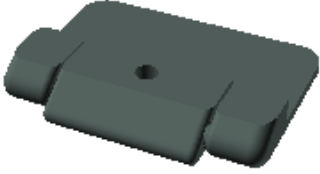
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/ElectronicsBay/ Controller_Mounds</p> <p>Filename Octopus_bracket_2pc</p> <p>Page number 193</p>	<p>Note: do you have a Octopus? Other mounts in this directory include Duet, GTR,SKR,Spider etc</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Skirt</p> <p>Filename power_inlet_filtered</p> <p>Page number 195</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/ElectronicsBay</p> <p>Filename PSU_stabilizer_50mm</p> <p>Page number 198</p>	
	<p>Not a printed part.</p> <p>Skip</p> <p>Page number 199</p>	<p>Not printed part. Skip</p>


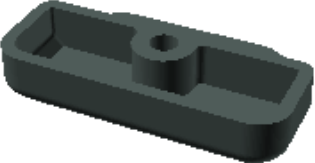
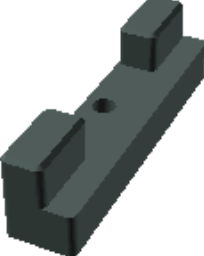
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/ X_Axis/XY_Joints</p> <p>Filename [a]_endstop_pod_microswitch</p> <p>Page number 203</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/ AB_Drive_Units</p> <p>Filename [a]_y_endstop_housing</p> <p>Page number ????!!####! (Page not found)</p>	<p>Warning</p> <p>We could not find this part in the official manual but it's in the STLs.</p> <p>Additionally, the Y endstop is held within the [a]_endstop_pod_microswitch part</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Gantry/ AB_Drive_Units</p> <p>Filename [a]_wire_cover</p> <p>Page number 225</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Skirt</p> <p>Filename side_fan_support_x2</p> <p>Page number 233</p>	<p>x2</p>

 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Skirt</p> <p>Filename keystone_panel</p> <p>Page number 233</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Skirt/250</p> <p>Filename front_skirt_a_250</p> <p>Page number 233</p>	<p>WARNING</p> <p>250mm x 250mm</p> <p>do you have this bed size?</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Skirt/250</p> <p>Filename front_skirt_b_250</p> <p>Page number 233</p>	<p>WARNING</p> <p>250mm x 250mm</p> <p>do you have this bed size?</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Skirt</p> <p>Filename [a]_mini12864_case_ front_insert</p> <p>Page number 234</p>	

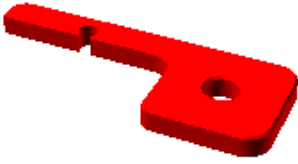

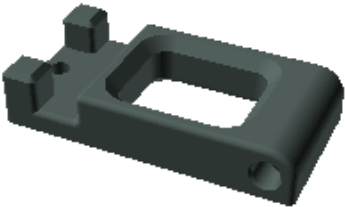
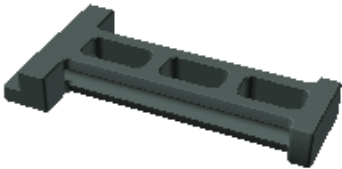
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Skirt</p> <p>Filename mini12864_case_front</p> <p>Page number 234</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Skirt</p> <p>Filename mini12864_case_rear</p> <p>Page number 235</p>	
	<p>Warning: Joke detected</p> <p>Can't find the round thing, You make my heart sing, Wild thing. You make everything groovie. ABS mainly.</p> <p>Page number 235</p>	<p>Not stl part Please skip.</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Skirt</p> <p>Filename [a]_mini12864_case_hinge</p> <p>Page number 236</p>	


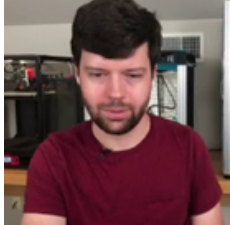


 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Skirt</p> <p>Filename [a]_keystone_blank_insert_x2</p> <p>Page number 237</p>	<p>x2</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Skirt</p> <p>Filename [a]_skirt_logo_x2</p> <p>Page number 237</p>	<p>X2</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Skirt</p> <p>Filename rear_center_skirt_250</p> <p>Page number 241</p>	<p>WARNING</p> <p>250mm x 250mm</p> <p>do you have this bed size?</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Skirt/250</p> <p>Filename side_skirt_a_250_x2</p> <p>Page number 242</p>	<p>WARNING</p> <p>250mm x 250mm</p> <p>do you have this bed size?</p> <p>x2</p>

 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Skirt/250</p> <p>Filename side_skirt_b_250_x2</p> <p>Page number 242</p>	<p>WARNING</p> <p>250mm x 250mm</p> <p>do you have this bed size?</p> <p>x2</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Skirt</p> <p>Filename [a]_60mm_fan_blank_ insert_x2</p> <p>Page number 244</p>	<p>x2</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Panels</p> <p>Filename bottom_panel_clip_x4</p> <p>Page number 250</p>	<p>x4</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Panels</p> <p>Filename bottom_panel_hinge_x2</p> <p>Page number 250</p>	<p>x2</p>

 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Panels</p> <p>Filename corner_panel_clip_4mm_x8</p> <p>Page number 254</p>	<p>Warning 4mm or 6mm part?</p> <p>x8</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Panels</p> <p>Filename midspan_panel_clip_4mm_x7</p> <p>Page number 254</p>	<p>Warning 4mm or 6mm part?</p> <p>x7</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Panels/ Front_Doors</p> <p>Filename latch_x2</p> <p>Page number 263</p>	<p>x2</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Panels/ Front_Doors</p> <p>Filename handle_a_x2</p> <p>Page number 263</p>	<p>x2</p>

 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Panels/ Front_Doors</p> <p>Filename handle_b_x2</p> <p>Page number 263</p>	<p>x2</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Panels/ Front_Doors</p> <p>Filename door_hinge_x6</p> <p>Page number 265</p>	<p>x6</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Exhaust_Filter</p> <p>Filename exhaust_filter_housing</p> <p>Page number 268</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Exhaust_Filter</p> <p>Filename [a]_filter_access_cover</p> <p>Page number 270</p>	

 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Exhaust_Filter</p> <p>Filename [a]_exhaust_filter_mount_x2</p> <p>Page number 272</p>	<p>x2</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Exhaust_Filter</p> <p>Filename exhaust_filter_grill</p> <p>Page number 272</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Exhaust_Filter</p> <p>Filename bowen_retainer</p> <p>Page number 275</p>	
 <p>Printed? <input type="checkbox"/></p>	<p>Directory STLs/Exhaust_Filter</p> <p>Filename spool_holder</p> <p>Page number 276</p>	

 <p>Printed? <input type="checkbox"/></p>	<p>Steve</p> <p>(Team member and person who “drove the bus home on Trident project”)</p> <p>Page number 280</p>	<p>Man in the red shirt. Well reddish.</p> <p>It’s in that spectrum</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Eddie (Team member)</p> <p>Page number 280</p>	<p>This is not a red shirt.</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Dunar (Team member)</p> <p>Page number 280</p>	<p>Support structure may be required for the beard.</p>
 <p>Printed? <input type="checkbox"/></p>	<p>Maks Zolin AKA [a]_RussianCatFood</p> <p>Glorious and fearless leader</p> <p>Page number 281</p>	<p>May require multiple materials to print</p>



Done!

I have one question for you.

Did you print the tool on page 58 in the accent colour?

☐ Yes, because it's cool

☐ No, Mr George, Because I am on to you

Place ✓ above

Note: I spent far too much time on this doco. I can only imagine the hard work that the Voron team has put into actually making the printer itself. So from a personal point of view I would like to say thanks to the official team here.