

Title Trident_1-9_complementary_3dPartsBuild_doco (proposed future file)
File name Voron_1.9_3dprinting_guide.pdf (1.9 – really? You put . in a file?)
Date 2021-12-14 PM (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.

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 was to enable “ironing” in your slicer. However this adds to the print time.

NB: I used a Prusa mini to print the parts in ABS. I had to use a brim to prevent warping. While this came off easily I had to use a plumbers deburing 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 the 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 in the page number box is for your use.

It allows you to print out this pdf (without this header page) 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

Source files

https://github.com/LesserSpottedAustralianSquirrel/voron_trident_pic


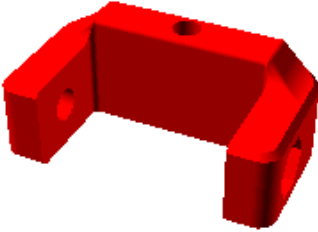
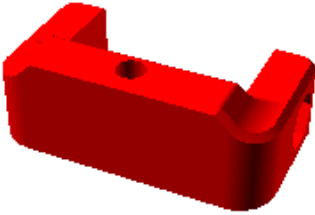
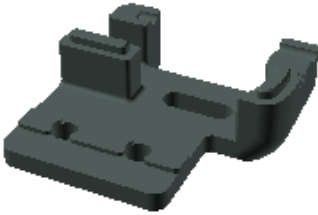
This include this .pdf and the source files

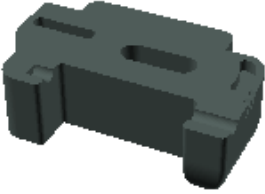



Notes

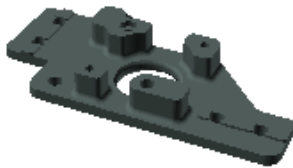
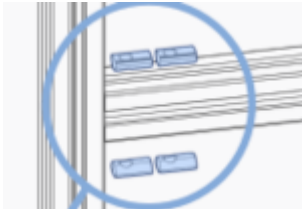
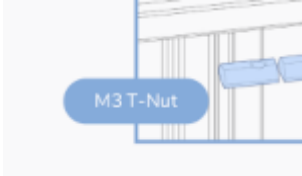
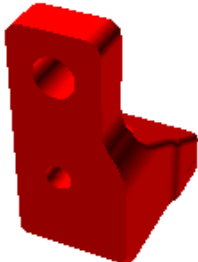
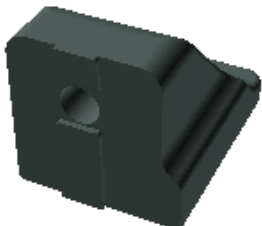
This is fan base documentation. The official document take precedence in any conflict of information or technical detail.


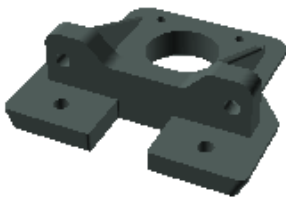
Silly quote

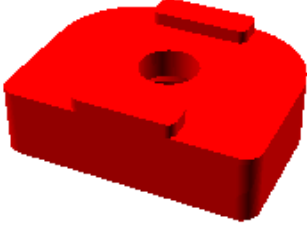
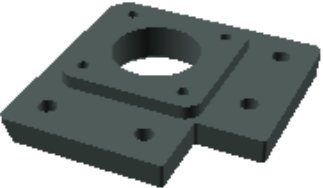
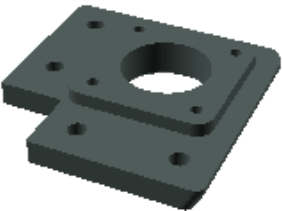

May your Voron print head always fly “straight and true”, never tire and crash the bed for a sleep.

Picture	Details	Page	Comment
	<p>Directory STLs/Gantry/AB_Drive_Units</p> <p>Filename a_drive_frame_upper.stl</p> <p>Manual name A drive</p>	<p>26</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>And so it begins</p>
	<p>Directory STLs/Gantry/Front_Idlers</p> <p>Filename [a]_tensioner_left.stl</p> <p>Manual name none found</p>	<p>27</p> <p>Done? <input type="checkbox"/> Yes</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>Directory STLs/Gantry/Front_Idlers</p> <p>Filename [a]_tensioner_right.stl</p> <p>Manual name none found</p>	<p>27</p> <p>Done? <input type="checkbox"/> Yes</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>Directory STLs/Gantry/Front_Idlers</p> <p>Filename front_idler_a_x2.stl</p> <p>Manual name A idler</p>	<p>28</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x2</p>

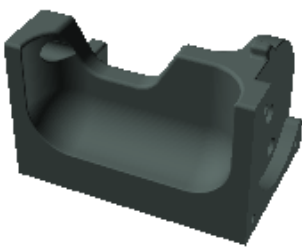



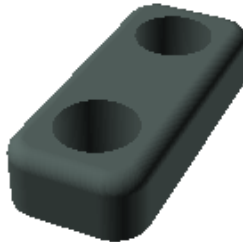
	<p>Directory STLs/Gantry/Front_Idlers</p> <p>Filename front_idler_b_x2.stl</p> <p>Manual name none found</p>	<p>28</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x2</p>
	<p>Directory STLs/Gantry/AB_Drive_Units</p> <p>Filename a_drive_frame_lower.stl</p> <p>Manual name A drive</p>	<p>34</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Tools</p> <p>Filename AB_pulley_jig.stl</p> <p>Manual name none found</p>	<p>35</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>tool</p>
	<p>Directory STLs/Gantry/AB_Drive_Units</p> <p>Filename b_drive_frame_lower.stl</p> <p>Manual name B drive</p>	<p>37</p> <p>Done? <input type="checkbox"/> Yes</p>	

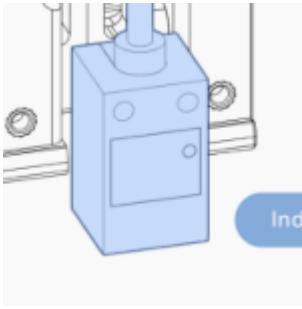
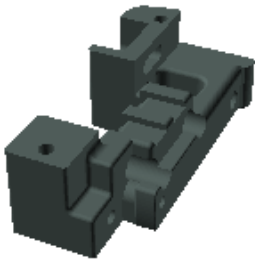
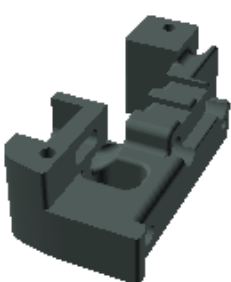
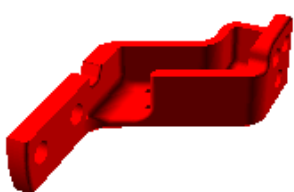
	<p>Directory STLs/Gantry/AB_Drive_Units</p> <p>Filename b_drive_frame_upper.stl</p> <p>Manual name B drive</p>	<p>38</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>T-Nuts M5 AKA "Roll in" T nuts</p>	<p>44</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>They don't have to go into the end.</p> <p>They can be "rolled in".</p> <p>No need to disassemble frame.</p>
	<p>Warning Lone M3 on page. Pretending to be M5</p>	<p>44</p> <p>Done? <input type="checkbox"/> Yes</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>
	<p>Directory STLs/Gantry/AB_Drive_Units</p> <p>Filename [a]_y_endstop_bumper.stl</p> <p>Manual name End stop</p>	<p>50</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Z_Assembly</p> <p>Filename z_rear_extrusionbracket_left.stl</p> <p>Manual name Rear brace</p>	<p>53</p> <p>Done? <input type="checkbox"/> Yes</p>	

	<p>Directory STLs/Z_Assembly</p> <p>Filename z_rear_extrusionbracket_right.stl</p> <p>Manual name Rear brace</p>	<p>55</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Tools</p> <p>Filename MGN9_rail_guide_x2.stl</p> <p>Manual name Guide</p>	<p>58</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x2</p>
	<p>Directory STLs/Z_Assembly</p> <p>Filename z_carriage_rear_3hole.stl</p> <p>Manual name Generic Cable Chain</p>	<p>64</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>Check directory for 2 hole version if required on cable chain</p>
	<p>Directory STLs/Z_Assembly</p> <p>Filename z_stepper_rear.stl</p> <p>Manual name none found</p>	<p>65</p> <p>Done? <input type="checkbox"/> Yes</p>	

	<p>Directory STLs/Z_Assembly</p> <p>Filename [a]_z_rail_stop_x3.stl</p> <p>Manual name none found</p>	<p>68</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x3</p>
	<p>Directory STLs/Z_Assembly</p> <p>Filename z_stepper_left.stl</p> <p>Manual name none found</p>	<p>69</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Z_Assembly</p> <p>Filename z_stepper_right.stl</p> <p>Manual name none found</p>	<p>73</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Z_Assembly</p> <p>Filename z_carriage_left.stl</p> <p>Manual name Left Z joint</p>	<p>77</p> <p>Done? <input type="checkbox"/> Yes</p>	

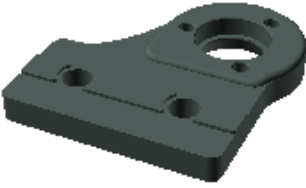


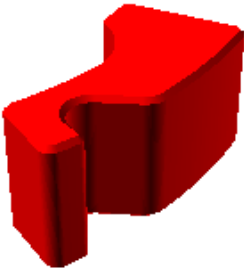
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	<p>Directory STLs/Z_Assembly</p> <p>Filename [a]_z_carriage_right.stl</p> <p>Manual name none found</p>	<p>79</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Z_Assembly</p> <p>Filename z_carriage_right.stl</p> <p>Manual name none found</p>	<p>79</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Skirt</p> <p>Filename corner_a_x2.stl</p> <p>Manual name Feet</p>	<p>90</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x2</p>

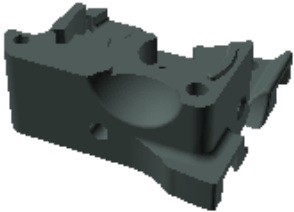
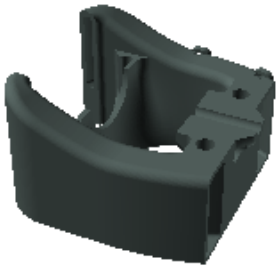
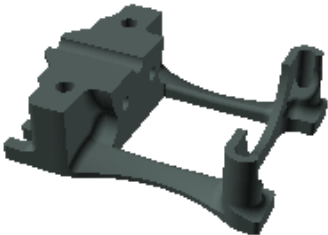
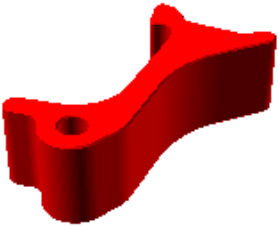
	<p>Directory STLs/Skirt</p> <p>Filename corner_b_x2.stl</p> <p>Manual name Feet</p>	<p>90</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x2</p>
	<p>Directory STLs/Skirt</p> <p>Filename [a]_corner_baseplate_a_x2.stl</p> <p>Manual name none found</p>	<p>90</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x2</p>
	<p>Directory STLs/Skirt</p> <p>Filename [a]_corner_baseplate_b_x2.stl</p> <p>Manual name none found</p>	<p>90</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x2</p>
	<p>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</p>		<p>Page ignored</p>
	<p>Directory STLs/Gantry/X_Axis/X_Carriage</p> <p>Filename probe_retainer_bracket.stl</p> <p>Manual name none found</p>	<p>100</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>Note: There are two similar shapes. The one displayed and the 9mm one.</p> <p>probe_retainer_bracket_9mm.st</p> <p>But which one? See below</p>

	<p>Which probe_retainer_bracket.stl?</p> <p>This all depends on your probe see page 111</p> <p>After putting my X carriage together on page 110, my probe was flush with the X carriage.</p> <p>I decided to go with the standard probe_retainer_bracket.stl Seem to work fine.</p>	<p>Info only</p>	<p>My probe from the formbot kit was a Omron TL-Q5MMC2-Z</p> <p>It was flush with the X carriage.</p> <p>when it was assembled</p>
	<p>Directory STLs/Gantry/X_Axis/X_Carriage</p> <p>Filename x_carriage_frame_left.stl</p> <p>Manual name X Carriage</p>	<p>100</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>I had to gently sand the top of this part so it would mate properly</p>
	<p>Directory STLs/Gantry/X_Axis/X_Carriage</p> <p>Filename x_carriage_frame_right.stl</p> <p>Manual name X Carriage</p>	<p>100</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>I had to gently sand the top of this part so it would mate properly</p>
	<p>Directory STLs/Gantry/X_Axis/XY_Joints</p> <p>Filename [a]_xy_joint_cable_bridge_3hole. stl</p> <p>Manual name none found</p>	<p>100</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>Note: Check directory for 2 hole version if required for cable chain</p> <p>Mine's a 3 hole</p>

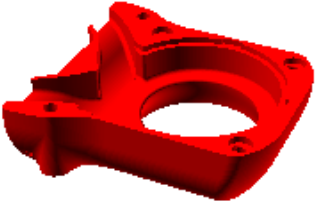



	<p>Directory STLs/Gantry/X_Axis/XY_Joints</p> <p>Filename xy_joint_right_upper_MGN12.stl</p> <p>Manual name Right XY Joint</p>	<p>101</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>NB if you are using a brim to prevent ABS warping you may have to remove it round the crevice outlined below</p>
	<p>Crevice 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>Info only</p>	<p>Notes</p>
	<p>Directory STLs/Gantry/X_Axis/XY_Joints</p> <p>Filename xy_joint_right_lower_MGN12.stl</p> <p>Manual name Right XY Joint</p>	<p>102</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Gantry/X_Axis/XY_Joints</p> <p>Filename xy_joint_left_upper_MGN12.stl</p> <p>Manual name Left XY Joint</p>	<p>105</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Gantry/X_Axis/XY_Joints</p> <p>Filename xy_joint_left_lower_MGN12.stl</p> <p>Manual name Left XY Joint</p>	<p>106</p> <p>Done? <input type="checkbox"/> Yes</p>	

	<p>Directory STLs/Tools</p> <p>Filename MGN12_rail_guide_x2.stl</p> <p>Manual name none found</p>	<p>113</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x2</p>
	<p>Non printable part. Thermal fuse</p>	<p>129</p>	<p>Please skip. Non printable part.</p>
	<p>Directory STLs/Z_Assembly</p> <p>Filename nozzle_probe.stl</p> <p>Manual name none found</p>	<p>130</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Z_Assembly</p> <p>Filename z_bed_left.stl</p> <p>Manual name none found</p>	<p>134</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Z_Assembly</p> <p>Filename z_bed_rear.stl</p> <p>Manual name none found</p>	<p>136</p> <p>Done? <input type="checkbox"/> Yes</p>	

	<p>Directory STLs/Z_Assembly</p> <p>Filename z_bed_right.stl</p> <p>Manual name</p>	<p>138</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Gantry/X_Axis/X_Carriage/ Direct Feed</p> <p>Filename extruder_motor_plate.stl</p> <p>Manual name none found</p>	<p>146</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Gantry/X_Axis/X_Carriage/ Direct Feed</p> <p>Filename chain_anchor_3hole.stl</p> <p>Manual name none found</p>	<p>146</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>Check directory for 2 hole version if required</p>
	<p>Directory STLs/Gantry/X_Axis/X_Carriage/ Direct Feed</p> <p>Filename [a]_latch_shuttle.stl</p> <p>Manual name none found</p>	<p>146</p> <p>Done? <input type="checkbox"/> Yes</p>	

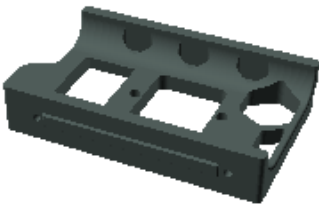
	<p>Directory STLs/Gantry/X_Axis/X_Carriage/ Direct Feed</p> <p>Filename extruder_body.stl</p> <p>Manual name none found</p>	<p>147</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Gantry/X_Axis/X_Carriage/ Toolheads/Dragon</p> <p>Filename printhead_front_dragon.stl</p> <p>Manual name none found</p>	<p>148</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>DRAGON mount DO YOU HAVE A DRAGON hot end?</p>
	<p>Directory STLs/Gantry/X_Axis/X_Carriage/T oolheads/Dragon</p> <p>Filename printhead_rear_dragon.stl</p> <p>Manual name none found</p>	<p>149</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>DRAGON mount DO YOU HAVE A DRAGON hot end?</p>
	<p>Directory STLs/Gantry/X_Axis/X_Carriage/D irect Feed</p> <p>Filename [a]_latch.stl</p> <p>Manual name none found</p>	<p>161</p> <p>Done? <input type="checkbox"/> Yes</p>	

	<p>Directory STLs/Gantry/X_Axis/X_Carriage/Direct Feed</p> <p>Filename [a]_guidler.stl</p> <p>Manual name none found</p>	<p>161</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Gantry/X_Axis/X_Carriage/Direct Feed</p> <p>Filename [a]_connector_cover.stl</p> <p>Manual name none found</p>	<p>163</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Gantry/X_Axis/X_Carriage</p> <p>Filename blower_housing_rear.stl</p> <p>Manual name none found</p>	<p>166</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Gantry/X_Axis/X_Carriage</p> <p>Filename hotend_fan_mount.stl</p> <p>Manual name none found</p>	<p>166</p> <p>Done? <input type="checkbox"/> Yes</p>	

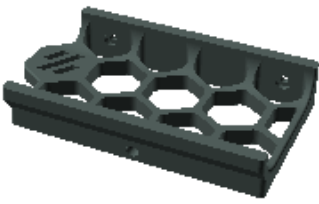

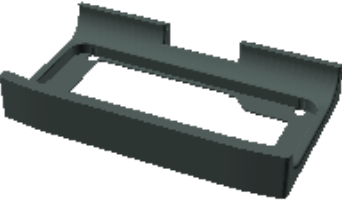
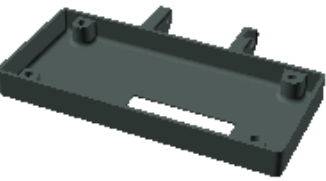
	<p>Directory STLs/Gantry/X_Axis/X_Carriage</p> <p>Filename [a]_blower_housing_front.stl</p> <p>Manual name none found</p>	<p>167</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Z_Assembly</p> <p>Filename z_cable_chain_mount_3hole.stl</p> <p>Manual name Z chain Anchor</p>	<p>173</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>Check directory for 2 hole version if required</p>
	<p>Directory STLs/Panels</p> <p>Filename wire_corner_left.stl</p> <p>Manual name cable cover</p>	<p>175</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Panels</p> <p>Filename wire_corner_right.stl</p> <p>Manual name none found</p>	<p>176</p> <p>Done? <input type="checkbox"/> Yes</p>	

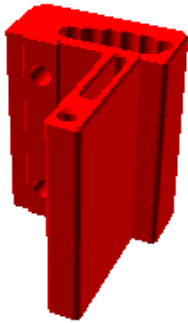
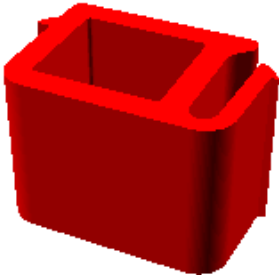

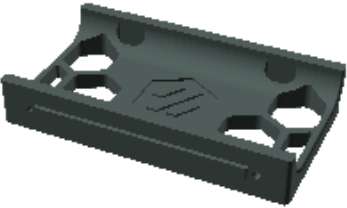
	<p>Directory STLs/Panels</p> <p>Filename deck_support_4mm_x8.stl</p> <p>Manual name Deck support</p>	<p>178</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>X 8</p> <p>NB there are two variants 4mm and 3mm</p> <p>deck_support_3mm_x8.stl</p>
	<p>Directory STLs/ElectronicsBay</p> <p>Filename DIN_center_support_x2.stl</p> <p>Manual name none found</p>	<p>181</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x2</p>
	<p>Directory STLs/ElectronicsBay</p> <p>Filename DIN_frame_mount_x4.stl</p> <p>Manual name none found</p>	<p>181</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x4</p>
	<p>Directory STLs/ElectronicsBay</p> <p>Filename cable_frame_anchor_x6.stl</p> <p>Manual name none found</p>	<p>185</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x6</p>

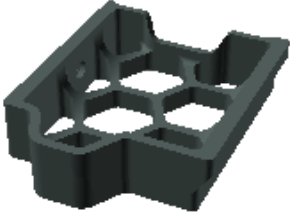
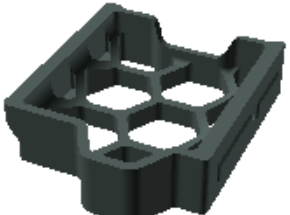
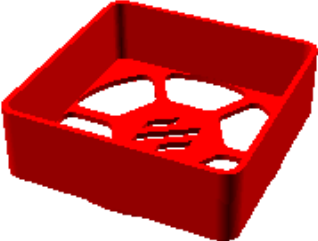
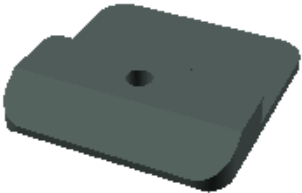
	<p>Directory STLs/ElectronicsBay</p> <p>Filename pcb_din_clip_v2_x5.stl</p> <p>Manual name none foundy</p>	<p>189</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x5</p>
	<p>Directory STLs/ElectronicsBay</p> <p>Filename raspberrypi_bracket.stl</p> <p>Manual name none found</p>	<p>189</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/ElectronicsBay</p> <p>Filename rs25_psu_bracket.stl</p> <p>Manual name RS25-5 PSU</p>	<p>191</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/ElectronicsBay/ Controller_Mounds</p> <p>Filename Octopus_bracket_2pc.stl</p> <p>Manual name Controller Boar</p>	<p>193</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>Note: do you have a Octopus? Other mounts in this directory include Duet, GTR, SKR, Spider etc</p>

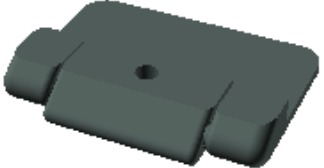

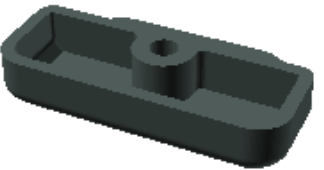
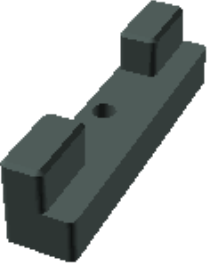
	<p>Directory STLs/Skirt</p> <p>Filename power_inlet_filtered.stl</p> <p>Manual name none found</p>	<p>195</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/ElectronicsBay</p> <p>Filename PSU_stabilizer_50mm.stl</p> <p>Manual name none found</p>	<p>198</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Not a printed part. Skip</p>	<p>199</p>	<p>Not printed part. Skip</p>
	<p>Directory STLs/Gantry/X_Axis/XY_Joints</p> <p>Filename [a]_endstop_pod_microswitch.stl</p> <p>Manual name none found</p>	<p>203</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Gantry/AB_Drive_Units</p> <p>Filename [a]_y_endstop_housing.stl</p> <p>Manual name Not mentioned</p>	<p>Page not found</p> <p>Done? <input type="checkbox"/> Yes</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.stl part</p>

	<p>Directory STLs/Gantry/AB_Drive_Units</p> <p>Filename [a]_wire_cover.stl</p> <p>Manual name none found</p>	<p>225</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Skirt</p> <p>Filename side_fan_support_x2.stl</p> <p>Manual name none found</p>	<p>233</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x2</p>
	<p>Directory STLs/Skirt</p> <p>Filename keystone_panel.stl</p> <p>Manual name none found</p>	<p>233</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Skirt/250</p> <p>Filename front_skirt_a_250.stl</p> <p>Manual name none found</p>	<p>233</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>WARNING</p> <p>250mm x 250mm</p> <p>do you have this bed size?</p>


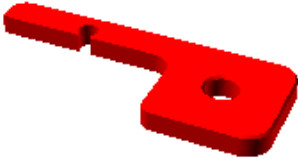

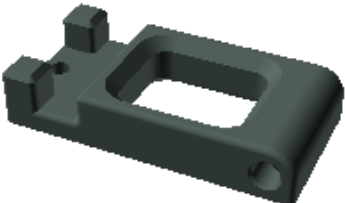
	<p>Directory STLs/Skirt/250</p> <p>Filename front_skirt_b_250.stl</p> <p>Manual name none found</p>	<p>233</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>WARNING</p> <p>250mm x 250mm</p> <p>do you have this bed size?</p>
	<p>Directory STLs/Skirt</p> <p>Filename [a]_mini12864_case_front_insert.stl</p> <p>Manual name none found</p>	<p>234</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Skirt</p> <p>Filename mini12864_case_front.stl</p> <p>Manual name none found</p>	<p>234</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Skirt</p> <p>Filename mini12864_case_rear.stl</p> <p>Manual name none found</p>	<p>235</p> <p>Done? <input type="checkbox"/> Yes</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>235</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>Not stl part</p> <p>Please skip.</p>

	<p>Directory STLs/Skirt</p> <p>Filename [a]_mini12864_case_hinge.stl</p> <p>Manual name none found</p>	<p>236</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Skirt</p> <p>Filename [a]_keystone_blank_insert_x2.stl</p> <p>Manual name none found</p>	<p>237</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x2</p>
	<p>Directory STLs/Skirt</p> <p>Filename [a]_skirt_logo_x2.stl</p> <p>Manual name none found</p>	<p>237</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>X2</p>
	<p>Directory STLs/Skirt</p> <p>Filename rear_center_skirt_250.stl</p> <p>Manual name none found</p>	<p>241</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>WARNING</p> <p>250mm x 250mm</p> <p>do you have this bed size?</p>

	<p>Directory STLs/Skirt/250</p> <p>Filename side_skirt_a_250_x2.stl</p> <p>Manual name none found</p>	<p>242</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>WARNING</p> <p>250mm x 250mm</p> <p>do you have this bed size?</p> <p>x2</p>
	<p>Directory STLs/Skirt/250</p> <p>Filename side_skirt_b_250_x2.stl</p> <p>Manual name none found</p>	<p>242</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>WARNING</p> <p>250mm x 250mm</p> <p>do you have this bed size?</p> <p>x2</p>
	<p>Directory STLs/Skirt</p> <p>Filename [a]_60mm_fan_blank_insert_x2.stl</p> <p>Manual name none found</p>	<p>244</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x2</p>
	<p>Directory STLs/Panels</p> <p>Filename bottom_panel_clip_x4.stl</p> <p>Manual name none found</p>	<p>250</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x4</p>

	<p>Directory STLs/Panels</p> <p>Filename bottom_panel_hinge_x2.stl</p> <p>Manual name none found</p>	<p>250</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x2</p>
	<p>Directory STLs/Panels</p> <p>Filename corner_panel_clip_4mm_x8.stl</p> <p>Manual name none found</p>	<p>254</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>Warning 4mm or 6mm part?</p> <p>x8</p>
	<p>Directory STLs/Panels</p> <p>Filename midspan_panel_clip_4mm_x7.stl</p> <p>Manual name none found</p>	<p>254</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>Warning 4mm or 6mm part?</p> <p>x7</p>
	<p>Directory STLs/Panels/Front_Doors</p> <p>Filename latch_x2.stl</p> <p>Manual name none found</p>	<p>263</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x2</p>

	<p>Directory STLs/Panels/Front_Doors</p> <p>Filename handle_a_x2.stl</p> <p>Manual name none found</p>	<p>263</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x2</p>
	<p>Directory STLs/Panels/Front_Doors</p> <p>Filename handle_b_x2.stl</p> <p>Manual name none found</p>	<p>263</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x2</p>
	<p>Directory STLs/Panels/Front_Doors</p> <p>Filename door_hinge_x6.stl</p> <p>Manual name none found</p>	<p>265</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x6</p>
	<p>Directory STLs/Exhaust_Filter</p> <p>Filename exhaust_filter_housing.stl</p> <p>Manual name none found</p>	<p>268</p> <p>Done? <input type="checkbox"/> Yes</p>	

	<p>Directory STLs/Exhaust_Filter</p> <p>Filename [a]_filter_access_cover.stl</p> <p>Manual name none found</p>	<p>270</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Exhaust_Filter</p> <p>Filename [a]_exhaust_filter_mount_x2.stl</p> <p>Manual name none found</p>	<p>272</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>x2</p>
	<p>Directory STLs/Exhaust_Filter</p> <p>Filename exhaust_filter_grill.stl</p> <p>Manual name none found</p>	<p>272</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Directory STLs/Exhaust_Filter</p> <p>Filename bowen_retainer.stl</p> <p>Manual name none found</p>	<p>275</p> <p>Done? <input type="checkbox"/> Yes</p>	

	<p>Directory STLs/Exhaust_Filter</p> <p>Filename spool_holder.stl</p> <p>Manual name none found</p>	<p>276</p> <p>Done? <input type="checkbox"/> Yes</p>	
	<p>Steve</p> <p>(Team member and person who "drove the bus home on Trident project")</p>	<p>280</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>Man in the red shirt. Well reddish.</p> <p>It's in that spectrum</p>
	<p>Eddie (Team member)</p>	<p>280</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>This is not a red shirt.</p>
	<p>Dunar (Team member)</p>	<p>280</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>Support structure may be required for the beard.</p>
	<p>[a]_Russianecatfood.stl</p> <p>Manual name Maks Zolin</p>	<p>280</p> <p>Done? <input type="checkbox"/> Yes</p>	<p>May require multiple materials</p> <p>Fearless leader</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.