SIBOOR

Voron0.2 Upgrade R1 Guide

INTRODUCTION

How to get help

How to find our SIBOOR community, where you can meet many SIBOOR 0.2 users like you

if anyone have any issues do not hesitate to reach out , we welcome suggestions or feedback

and we are happy to face and overcome our challanges to improve our products.

DISCORD

https://discord.gg/hpF4bBbrht

GitHub

Here you can view our database on GITHUB

https://github.com/Lzhikai/siboor-voron

Voron design   https://www.vorondesign.com/

mellow Fly   https://mellow.klipper.cn/#/

klipper   https://www.klipper3d.org/zh/

V0.2 R1 (2023 June)

Skirts

-We fixed the issue where 34mm Z motors didnt fit in the machine with the bottom panel installed, this involved increasing the height of the skirts/feet by 2mm
-We added a simple filament runout sensor to the rear right foot

Toolhead

-Mini Stealthburner direct drive and bowden cowling part cooling ducts improved
-an issue with the guidler being able to pivot in an undesired direction was addressed by tightening the bolt holes to reduce play
-RIDGA support for the bearings that come stock with the ridga kit has been added

Tophat

-cam locks for the tophat were changed to a simple hex key design

Z Endstop

-z endstop mount was beefed up to improve ridgidity

BOM Changes the BOM increased by the following items

-2x m2x10 self tapping screw
-1x MR85 bearing
-1x Microswitch
-1x ECAS04 Bowden Collet
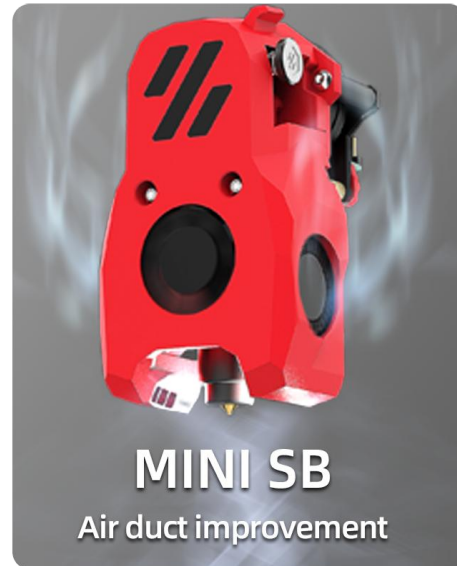
https://github.com/VoronDesign/Voron-0

-Note that in this R1 update, the official height of all skirts/feet has been increased by 2mm in order to adapt to the 34mm Z-axis motor , but the 28mm height Z-axis motor is used inside the SIBOOR V0.2 kit, so we do not need to replace all the printed parts. It was only necessary to print our redesigned adapted Foot_Rear_Right_FRS_R0 for the R0

Rear Right Foot
Filament Inspection

MINI SB
Air duct improvement

Z Endstop Mount
Structural Strengthening

Idler Cam Lock
Child Lock Revision

Parts to be printed
Foot_Rear_Right_FRS_R0_x1

Hardware
-2x m2x10 self tapping screw
-1x MR85 bearing
-1x Microswitch
-1x ECAS04 Bowden Collet

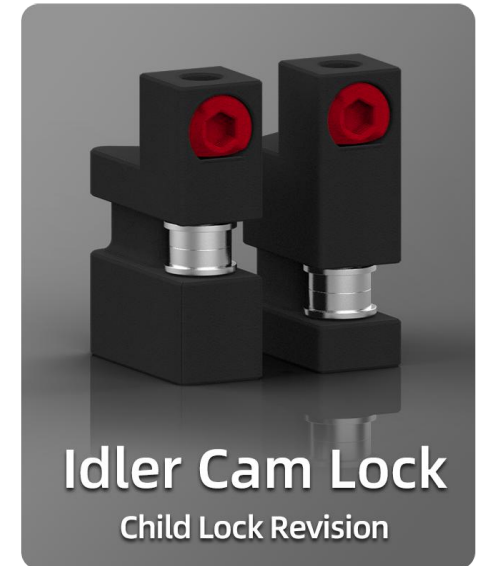Parts to be printed
[a]_MiniSB_Cowling_x1_R1

Hardware
-None

Parts to be printed
[a]_Z_Endstop_Mount_R1_x1

Hardware
-None

Parts to be printed
[a]_Idler_Cam_Lock_R1_x2

Hardware
-None

A hard copy of the above can be downloaded here:
https://github.com/Lzhikai/SIBOOR-Voron-0.2/upload/main/supplementary/Upgrade%20R1%20requires%20printed%20parts

WHO ARE WE?

INFINITE PURSUIT OF KNOWLEDGE

in Chinese , the ultimate and infinite search of thought or knowledge this is what Siboor stands for.

We are on a continues pursuit of knowledge, thriving to perfect our products and offering and aim to bring in like minded pioneers into a forward motion towards innovation and to speedup technological advancement in the 3D printing ecosystem..