

Tool Changer Backpack (BTT CEB and Power Breakout Board) & Exhaust Cover (5 & 6 Tool)

 **EddieSha**

[VIEW IN BROWSER](#)

updated 11. 7. 2024 | published 11. 7. 2024

Summary

Backpack for V2.4 or Trident converted to a tool changer. Based around the BTT CEB and a Power distribution board.

[3D Printers](#) > [Voron Parts & Upgrades](#)

Tags: [backpack](#) [toolchanger](#)

Backpack for V2.4 or Trident converted to a tool changer. Based around the BTT CEB and a Power distribution board. Intended to be mounted via VHB tape to the back panel. Stealthchanger logo added since I am basing my conversion around SC. Tons of zip-tie tie down points for keeping wiring clean.

For the fused power breakout board, I removed it from the casing it ships in for a cleaner and more compact install.

Backpack Required:

- (3) M3x5 Brass Stand offs
- (7) M3 Heat-set inserts
- (8) 3x6 magnets

-(1) PG9 Pigtail
-(1) PG7 Pigtail or M12
Backpack Optional:
(4) Heat-set inserts
(4) M3 locating pins
Exhaust Mag Cover Requires: (4) 3x6 magnets

5 Tool Exhaust Cover Required:

-(5) PG7 or M12
-(5) PC10 Bowden Collets
5 Tool Exhaust Cover Optional:

-(5) M3 Threaded Inserts

-(5) M3x6 screws

-(4) 3x6 magnets

6 Tool Exhaust Cover Required:

-(6) PG7 or M12
-(6) PC10 Bowden Collets
6 Tool Exhaust Cover Optional:

-(6) M3 Threaded Inserts

-(6) M3x6 screws

-(4) 3x6 magnets

Power Distribution Board:

[https://www.amazon.com/dp/B08PT4P8PP?
psc=1&ref=ppx_yo2ov_dt_b_product_details](https://www.amazon.com/dp/B08PT4P8PP?psc=1&ref=ppx_yo2ov_dt_b_product_details)

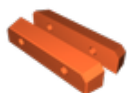
BTT CEB:

[https://www.amazon.com/gp/product/B0D14KZ3NZ/
ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B0D14KZ3NZ/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1)

M3 Locating Pins:

[https://www.amazon.com/gp/product/B0CT2J9K53/
ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B0CT2J9K53/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1)

Model files



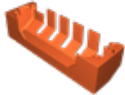
toolchanger-backpack-power-breakout-pcb-mounts.stl



toolchanger-backpack-base-pg9-and-pg7-glands.stl



toolchanger-backpack-cover.stl



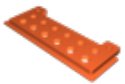
toolchanger-backpack-5-tool-exhaust-cover-mag-cover.stl



toolchanger-backpack-5-tool-exhaust-cover-m12-gland.stl



toolchanger-backpack-6-tool-exhaust-cover-mag-cover.stl



toolchanger-backpack-6-tool-exhaust-cover-m12-gland.stl

toolchanger-backpack-pcb-holders.step

toolchanger-exhaust-mag-cover-6-tools.step

toolchanger-backpack-cover.step

toolchanger-backpack-base.step

toolchanger-exhaust-cover-6-tools.step

toolchanger-exhaust-cover-5-tool-mag-cover.step

toolchanger-exhaust-cover-5-tool.step



toolchanger-exhaust-cover-5-tool-pg7-gland.stl



toolchanger-exhaust-cover-6-tools-pg7-gland.stl



toolchanger-backpack-base-pg9-and-m12-glands.stl

License ©

This work is licensed under a
GNU



General Public License v3.0

-
- ✗ | Sharing without ATTRIBUTION
 - ✓ | Remix Culture allowed
 - ✓ | Commercial Use
 - ✓ | Meets Open Definition
 - i | Share under the same license