



Prusawire Rear Deck Cover Plate



erikbuild

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Summary

Rear deck cover plate for the Prusawire 3D Printer to cover exposed wiring. Supports multiple power supplies.

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A rear deck cover panel to cover exposed wiring (particularly for those using the WAGO holder block) on the Prusawire 3D Printer.

NOTE this is currently designed against the Beta 1 Y-Axis parts. These are changing in the future which may require a revision to the rear deck cover panels!

Parts

Left Side Piece:

deck_panel_rear_connector_m3_erikbuild-v20250814.stl

Has three holes for M3x10 FHCS

Connector Block:

deck_panel_rear_connector_m3_erikbuild-v20250814

Designed to accept 4x Voron Spec M3 Heat Inserts - M3x5x4

Right Side Piece - Prusa Black (Delta) PSU:

deck_panel_rear_m3_countersunk_left_deltablackpsu_erikbuild-v20250814

Requires 3x M3 - 3030 T-Nuts (see below).

Requires 6x M3x10 FHCS (see below).

Right Side Piece - Prusa Silver (Old) PSU / Meanwell LRS-350-24 / Meanwell RSP-320-24 PSU:

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Requires 2x M3 - 3030 T-Nuts (see below).

Requires 5x M3x10 FHCS (see below).

This variant features a little power cable pass-through port since these power supplies route the 24V power lines out the back. The pass-through features little slots for zip ties to secure the wiring and avoids typical placement of the WAGO connector terminal block holder.

Hardware Required

- 9-10x M3x10 FHCS
 - depending on how many screws needed for the right side piece
- 4x Heat Inserts M3x5x4 (Voron Spec)
- 5-6x M3 roll-in T-Nut for 3030 Extrusion
 - Prusa sells this as M3nEs
 - I used [this EXCELLENT model](#) to print the nut and added the M3x5x4 heat inserts to them.

Print Specs

- Voron Print Specs
 - Layer height: 0.2mm
 - Extrusion width: 0.4mm, forced
 - Infill percentage: 40%
 - Infill type: gyroid
 - Wall count: 4
 - Solid top/bottom layers: 5
 - Supports: NONE
- I chose Prusament Galaxy Black ASA.

Change Log

v20250814-5: Improved M3 screw hole diameter and chamfer to Voron Design specs for easy installation.

v20250814-3: Fixed through-hole on the connector piece to allow M3x10 and longer screws.

v20250814-1: Initial release.

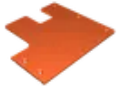
This remix is based on



Prusawire 2025.B1 (BETA 1)

by Ella Fox

Model files



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☐ Prusa Black PSU



deck_panel_rear_connector_m3_erikbuild-v20250814-5.stl



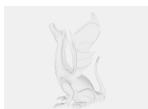
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☐ Prusa Silver PSU / Meanwell LRS-350-24 PSU / Meanwell RSP-320-24 PSU



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☐ Prusa Black PSU



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