

# EXPLORE VAN ELECTRICAL SYSTEM ENCLOSURE *by Featherbuilt*



## STEP BY STEP BUILD GUIDE

Optimize your off-grid adventures with the **EXPLORE Van Electrical System Enclosure**. Compatible with EXPLORE Lite, EXPLORE, and EXPLORE+, this space-saving, over-the-wheel well box efficiently houses your electrical system. Created with Featherbuilt, it seamlessly integrates quality cabinetry design with our electrical kits for a smoother, more reliable journey.



### TOOLS NEEDED:

- 4mm socket and ratchet
- Sanding block or small amount of sand paper
- Rubber Mallet
- Impact drill or screwdriver

# PARTS LIST:

- Electrical Box Top
- Electrical Box Left End
- Electrical Box Back
- Battery Shelf
- Front Lip #1
- Component Panel
- Cubby Divider
- Cubby Shelf
- Fuse Panel Door
- Fuse Panel Brace (Lower)
- Fuse Panel Brace (Upper)
- Battery Lip
- Front Lip #2
- Vertical Divider
- Fuse Panel
- Cubby Frame
- Battery Compartment Door
- Component Panel Door
- Lift Arm Screws (4)
- Assembly Screws (40)
- Fuse Panel Mounting Hardware
- Fuse Panel Door Hinges & Plates
- Battery Door Hinges & Plates
- Component Door Hinges & Plates
- Door Latches (3)
- Lift Arm (1)



## STEP 1:

Connect top of component shelf to middle of battery shelf on the non-textured side



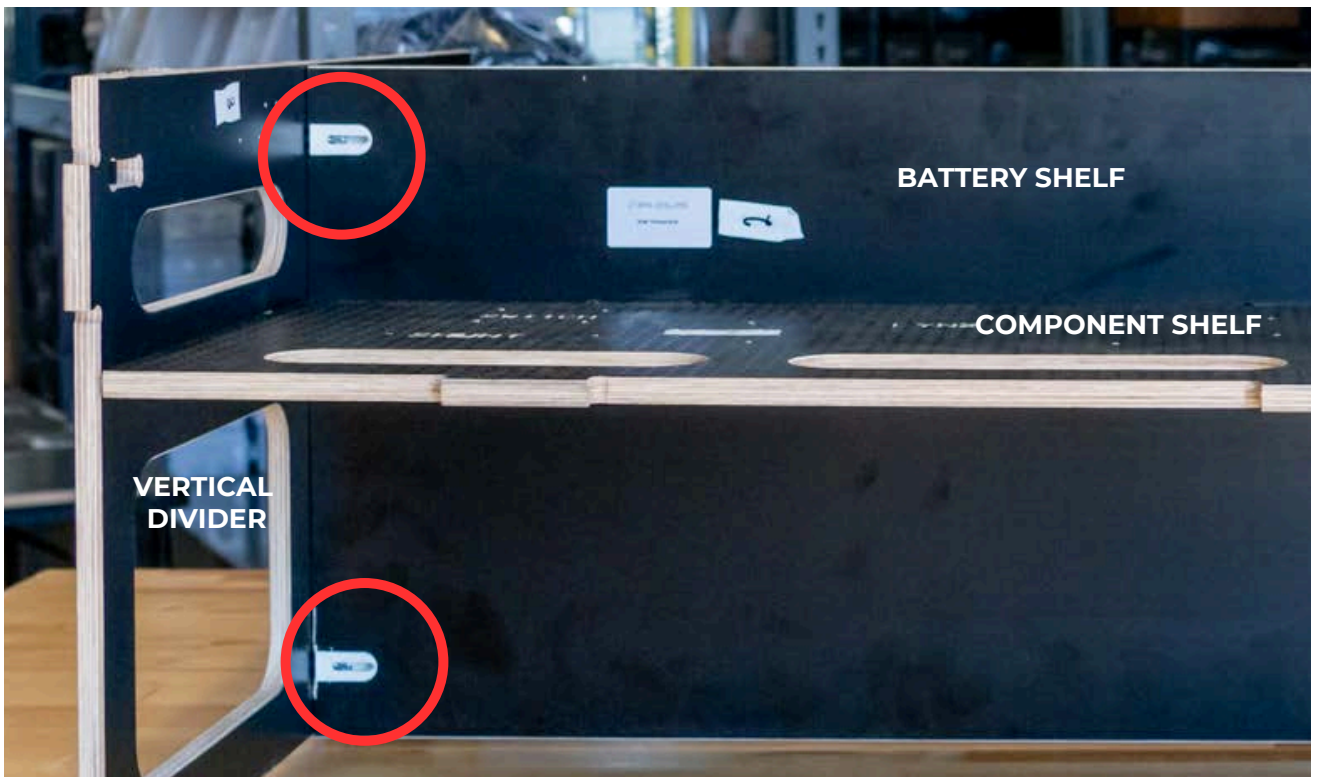
## STEP 2:

Attach Vertical Divider to the left of the assembly, non-textured side to the inside



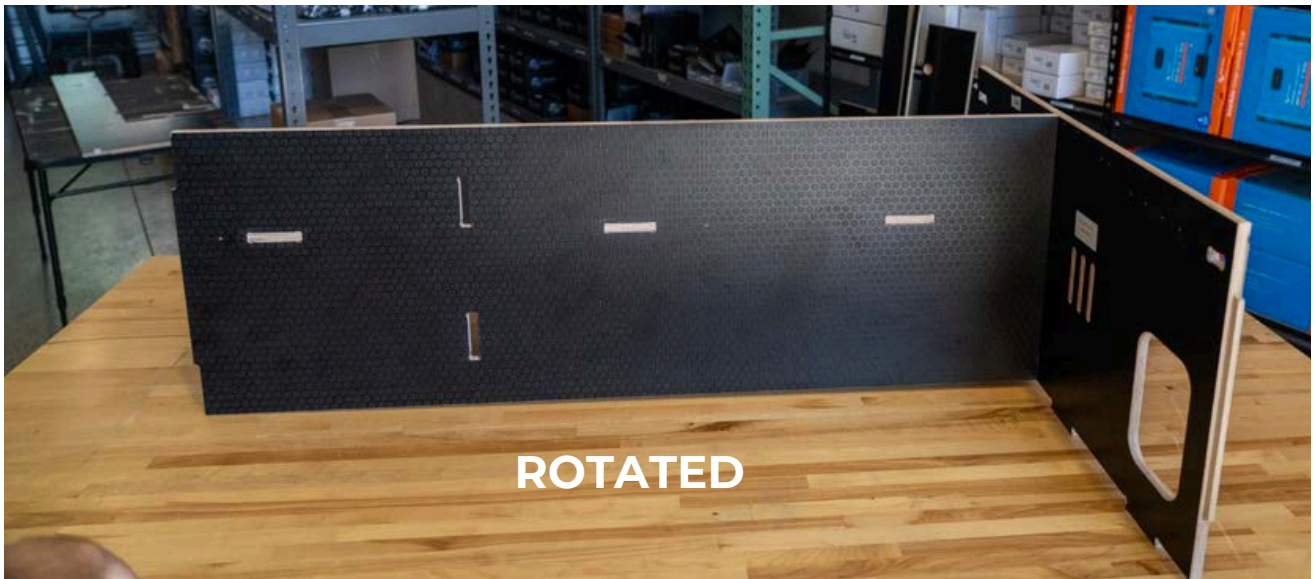
# STEP 3:

Secure 2 corner fasteners from the Battery Shelf to the Vertical Divider

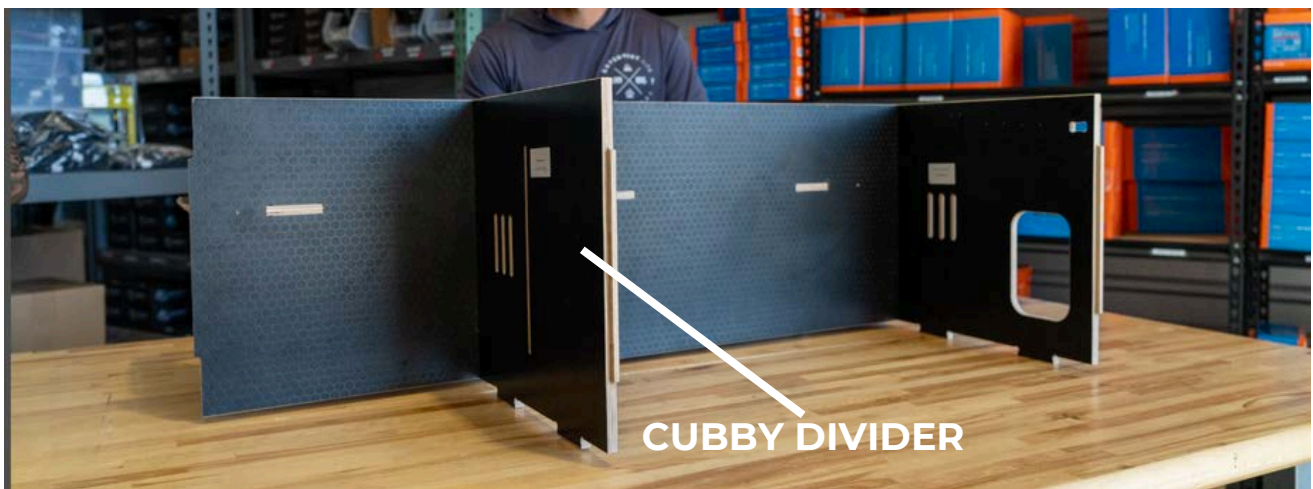


# STEP 4:

(Rotate assembly 180 degrees)



Attach the Cubby Divider to the battery shelf (hex side)

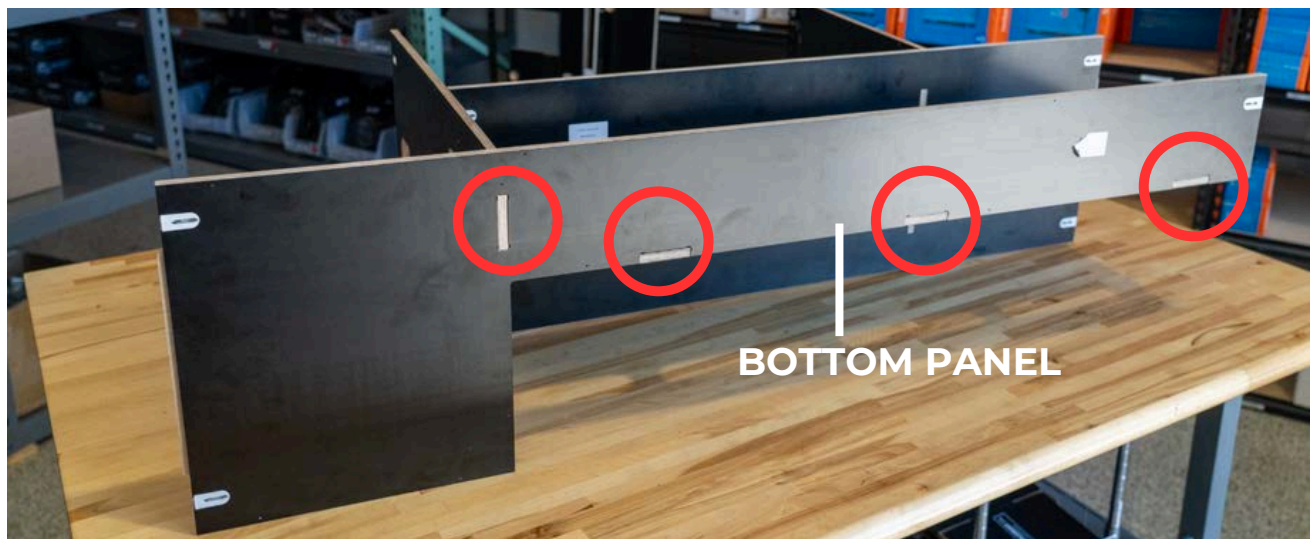


# STEP 5:

(Rotate assembly 180 degrees)



Attach Bottom to Component Panel and Vertical Divider using 4 wishbone connections (non-textured side down). Use rubber mallet to tap into place

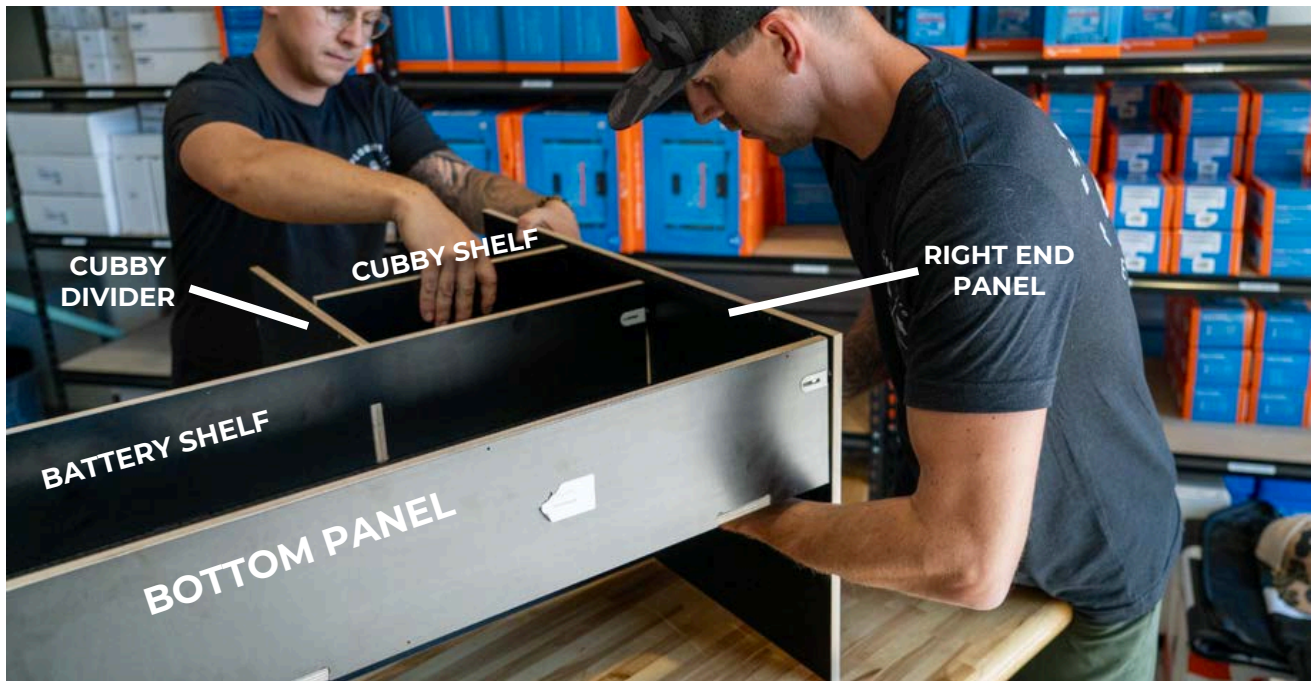


## STEP 6:

Attach Cubby Shelf to Cubby Divider using tongue and groove

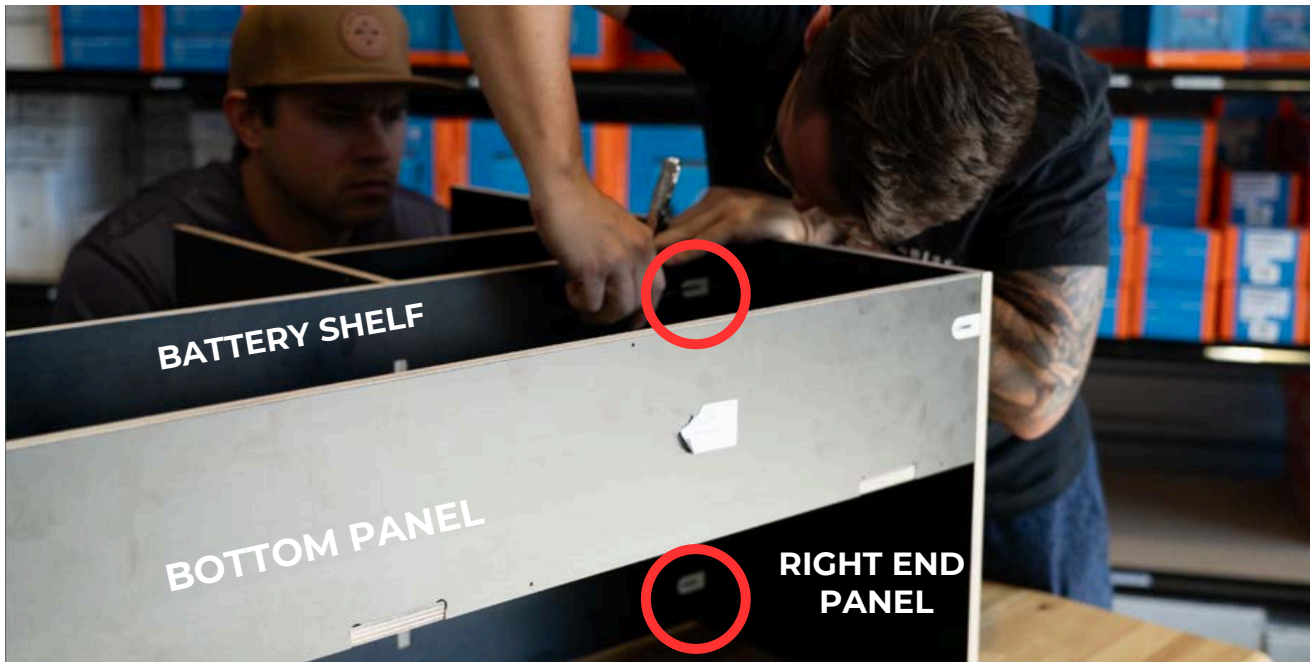
## STEP 7:

Attach Right End panel to Cubby Shelf using tongue and groove



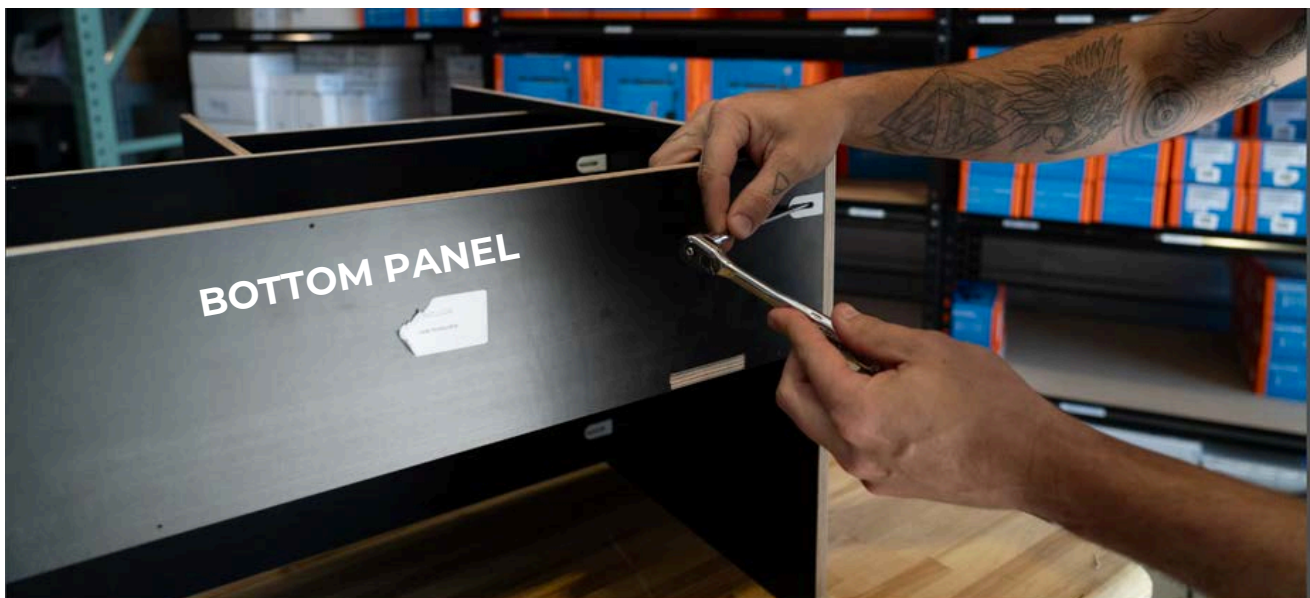
## STEP 8:

Tighten screws (2) from Battery Shelf into Right End Panel



## STEP 9:

Tighten screw from Bottom Panel into Right End Panel





## STEP 10:

Rotate assembly to sit on bottom



## STEP 11:

Attach Top tongue and groove to the Cubby Divider and Vertical Divider



## STEP 12:

Tighten screws (2) from Top into Right End Panel



# STEP 13:

(Rotate assembly 180 degrees)



Insert tongue of Back Panel into the Right End Panel



# STEP 14:

Align wishbone connections of Back Panel and gently tap into place using a rubber mallet

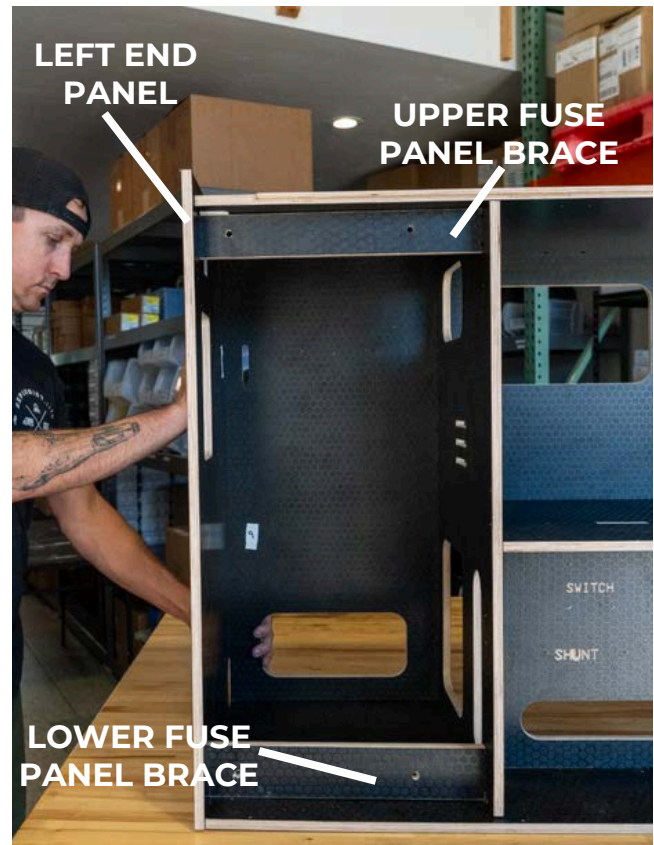


# STEP 15:

(Rotate assembly 180 degrees)

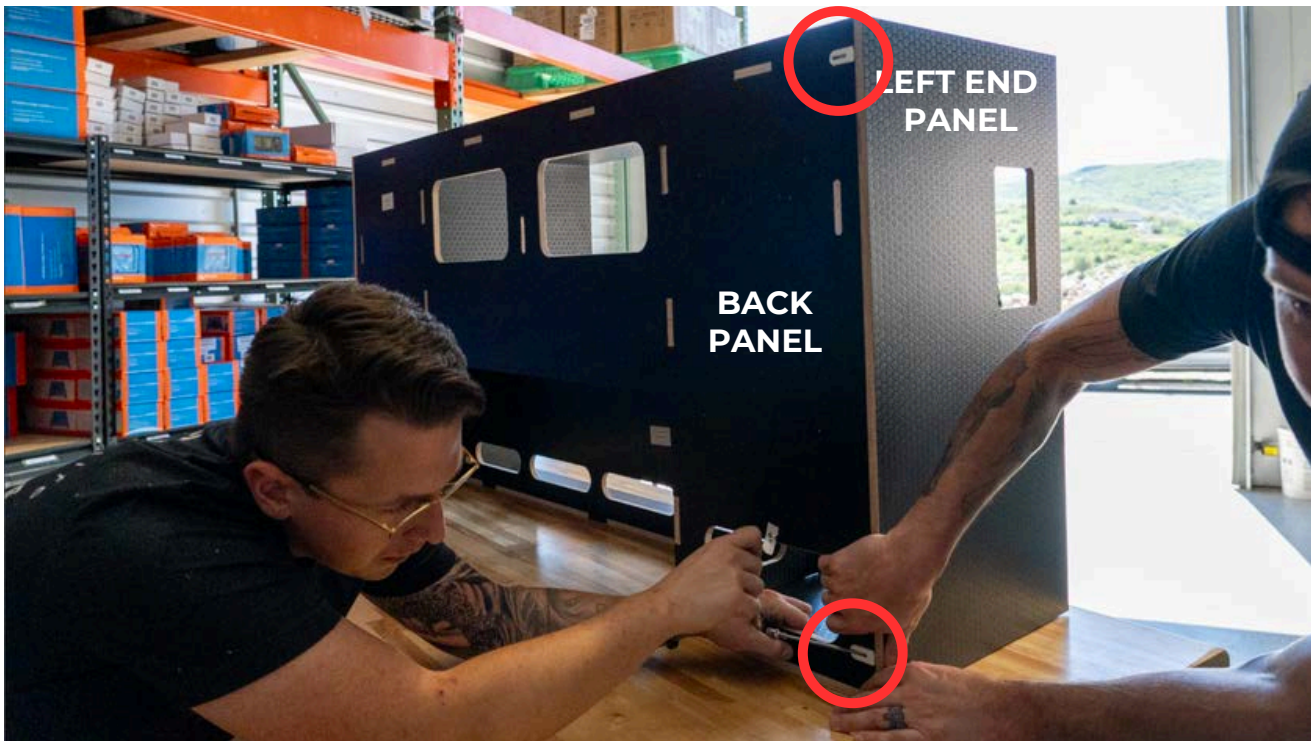


Simultaneously attach Left End Panel, Upper Fuse Panel Brace, and Lower Fuse Panel Brace to the Bottom Panel and Top Panel using tongue and groove connections.



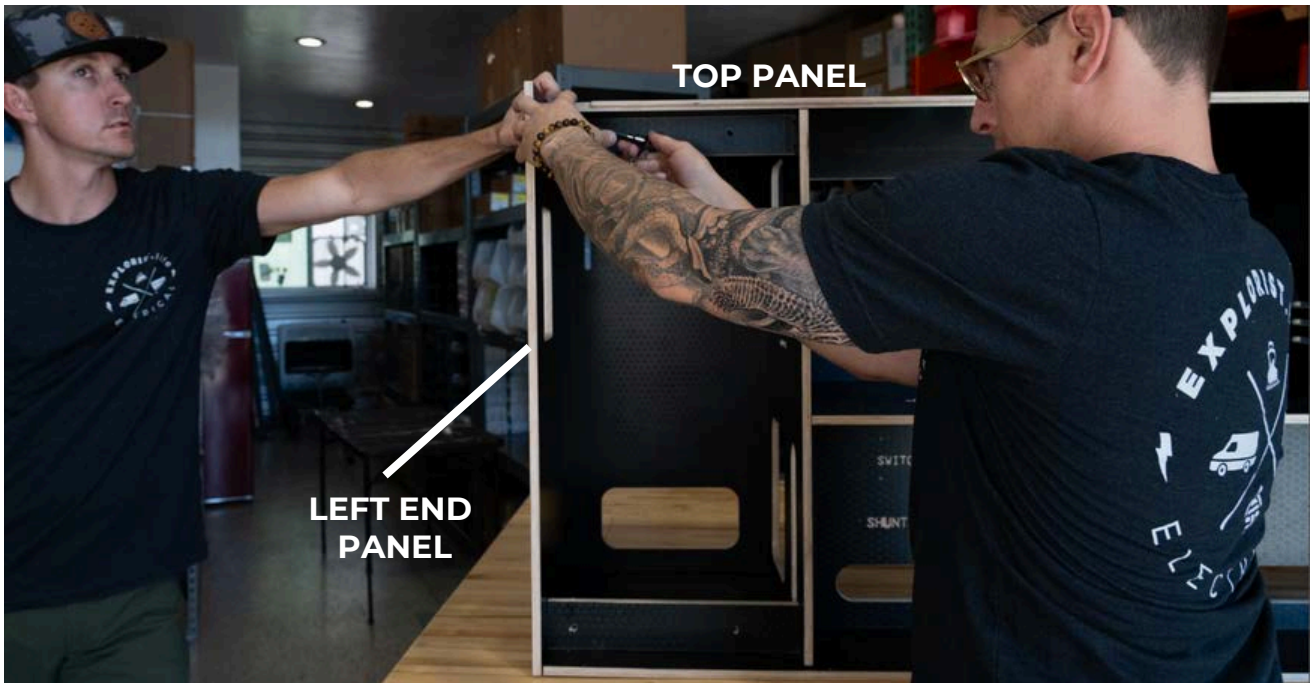
## STEP 16:

Tighten screws (2) from Back Panel into Left End Panel



## STEP 17:

Tighten screws (2) on Top Panel into Left End Panel



## STEP 18:

Put enclosure with Bottom Panel facing out to access screws



Tighten screws (2) on Bottom Panel into Left End Panel



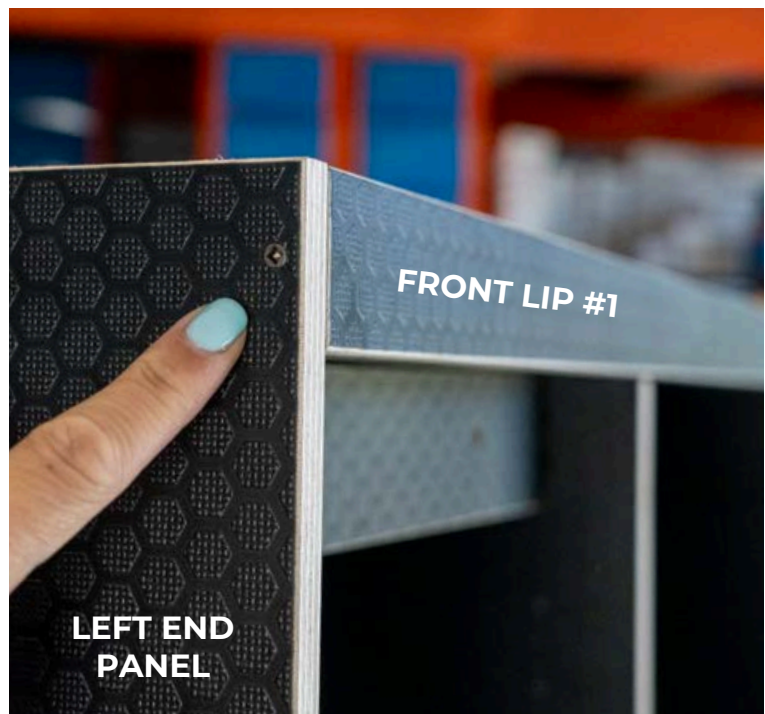
## STEP 19:

Attach Front Lip #1 to the Top Panel using tongue and groove



## STEP 20:

Insert assembly screws (2) to the ends of the Front Lip #1 from the Left and Right End Panels.





Before continuing with the box build, we recommend completing the electrical system installation.



After the electrical is installed, complete the final steps:

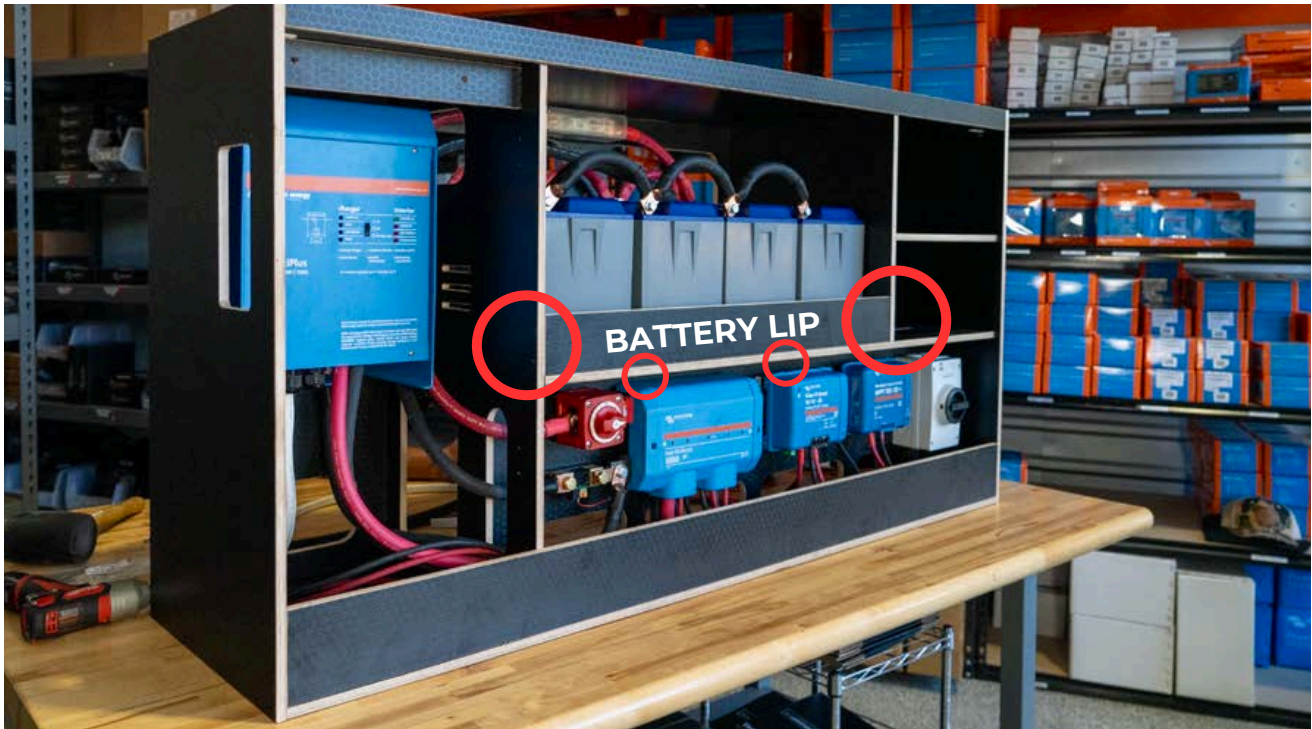
## **STEP 21:**

Attach Front Lip #2 to the Bottom panel using assembly screws (4) attached to the ends of the Front Lip #2 from the Left and Right End Panels.



## STEP 22:

Attach Battery Lip to the Battery Shelf panel using assembly screws (6) attached to the ends of the Battery Lip from the Vertical Divider and Cubby Divider and from the Bottom of the Battery Shelf



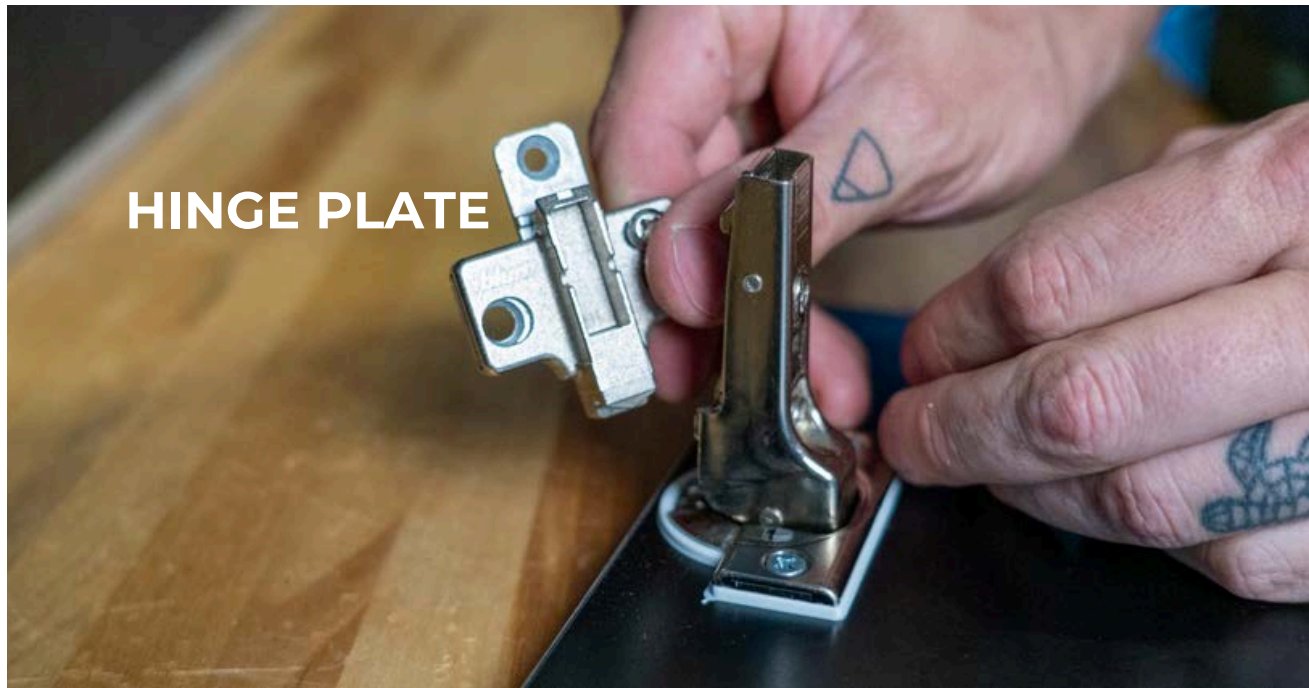
## STEP 23:

Attach remaining assembly screws (12) into the back of the cabinet where holes are pre-drilled for attachment/securing joints.



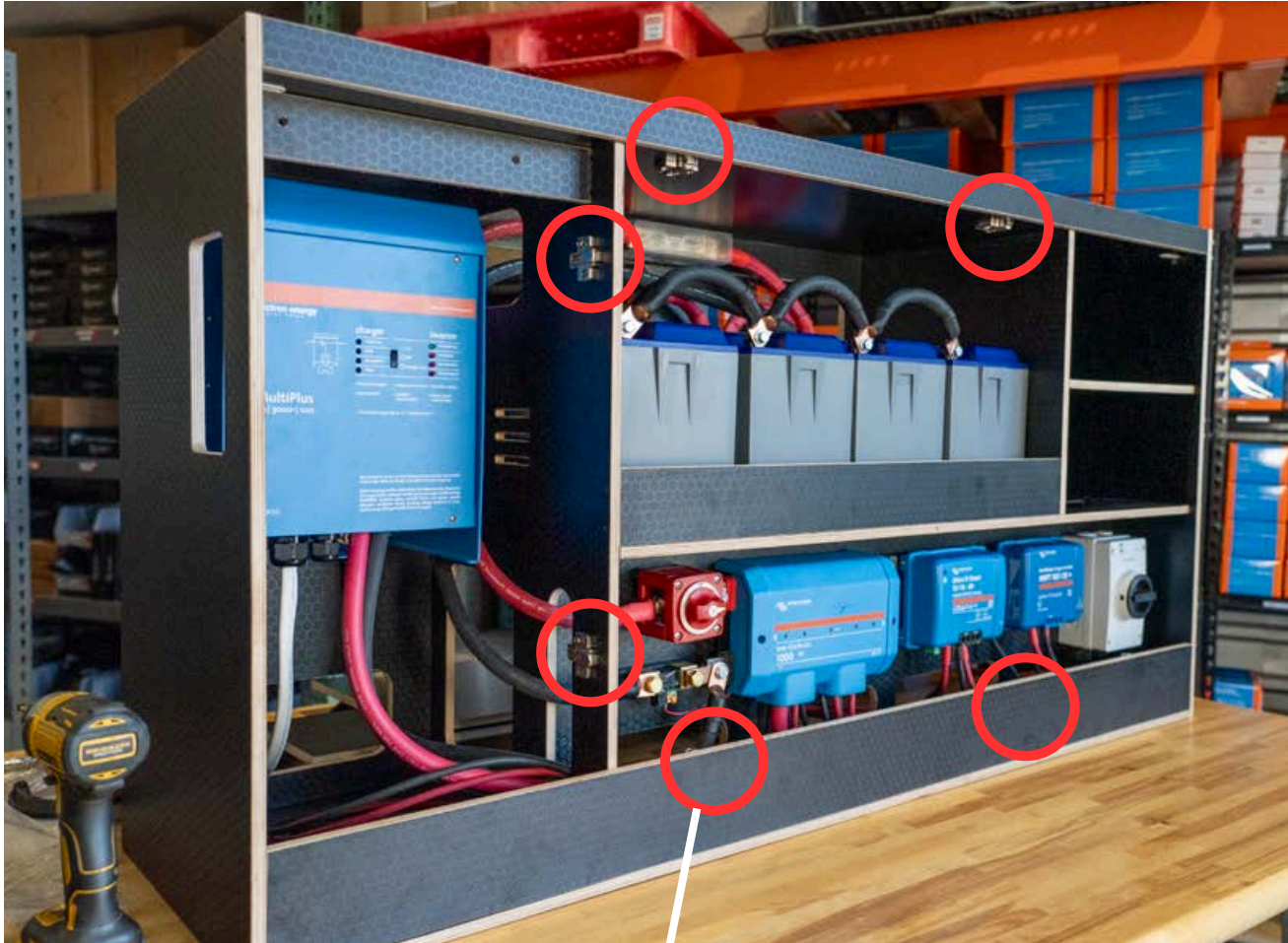
# STEP 24:

Attach all hinges (6) to doors using pre-drilled holes



## STEP 25:

Attach all hinge plates (6) to cabinet using pre-drilled holes



## STEP 26:

Attach all latches (3) to doors using pre-drilled holes



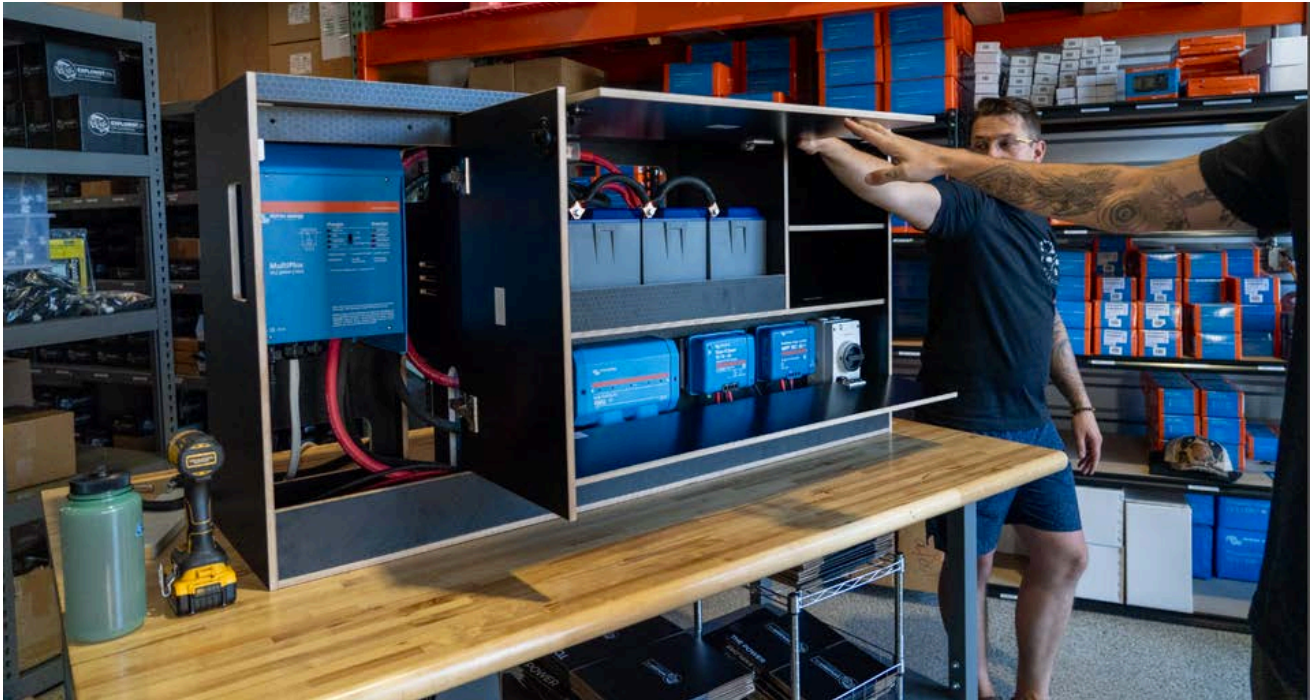
## STEP 27:

Attach latch catches to cabinet on Left End Panel (1), and Vertical Divider (2)



## STEP 28:

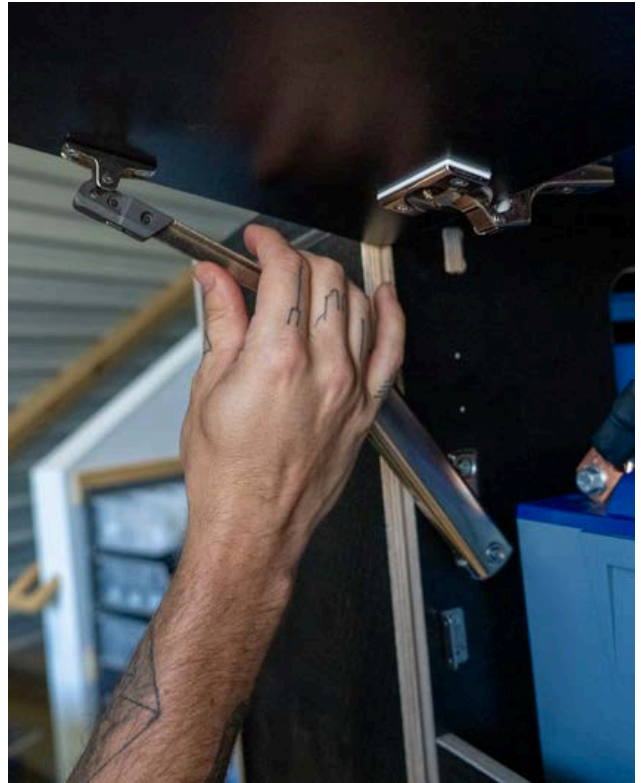
Insert hinges into hinge plates to attach doors to the cabinet



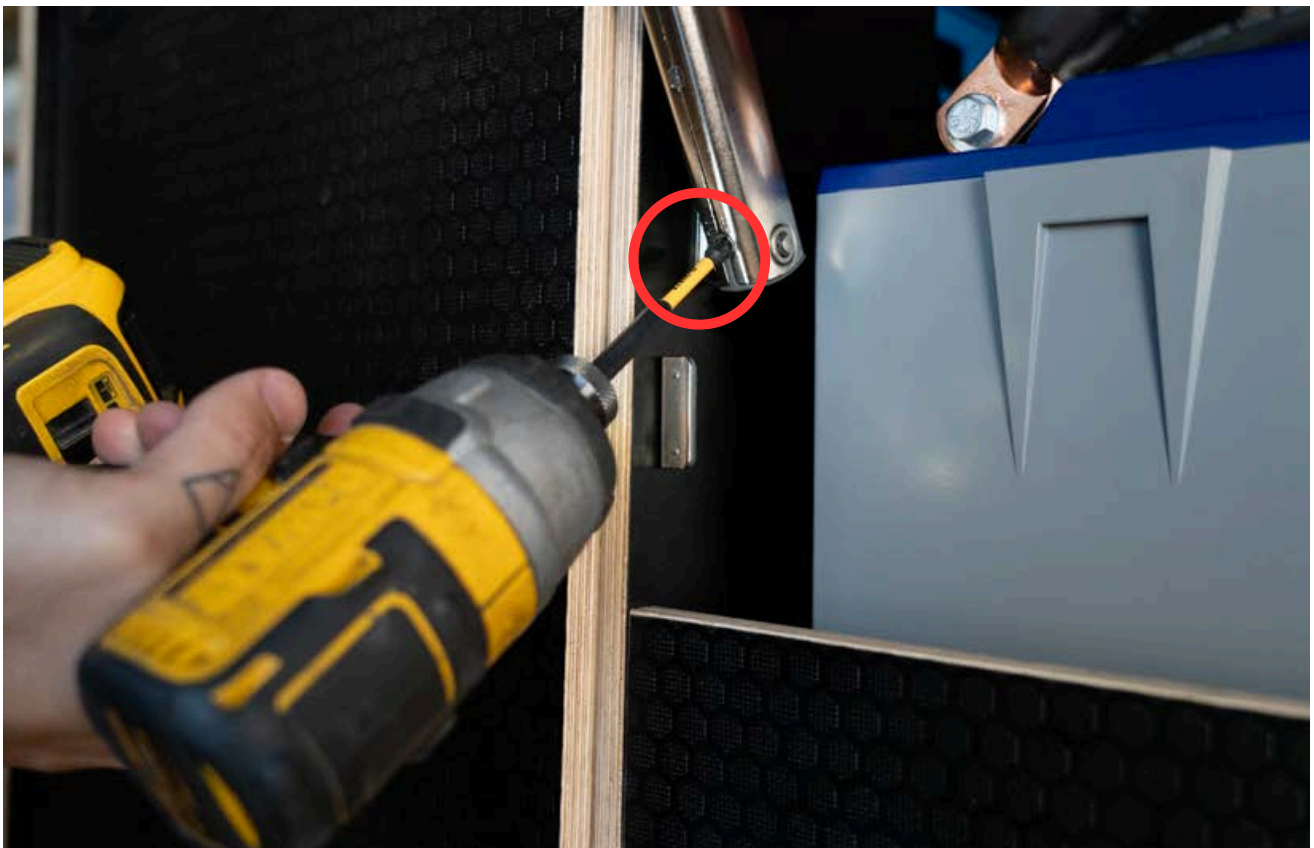
## STEP 29:

Attach strut to Battery Compartment Door (see photo for correct orientation) adjust tension on strut as needed to hold the door properly





Adjust tension on strut as needed to hold the door properly.



## STEP 30:

Attach Fuse Panel using bottom tongue and groove and upper Fuse Panel Mounting Hardware



## STEP 31:

Attach Cubby Frame to cabinet using assembly screws (3)

