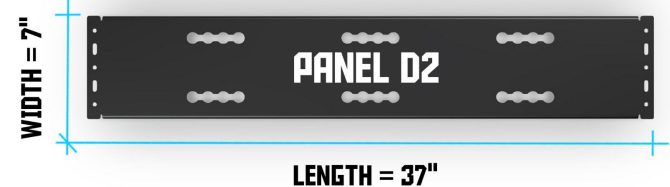
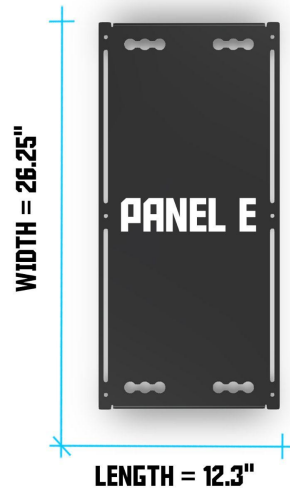
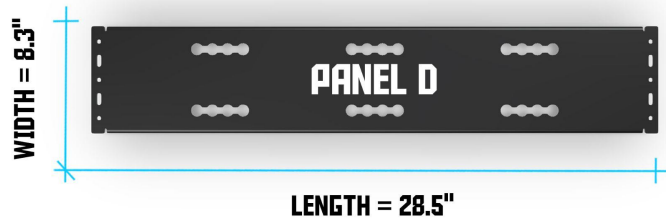
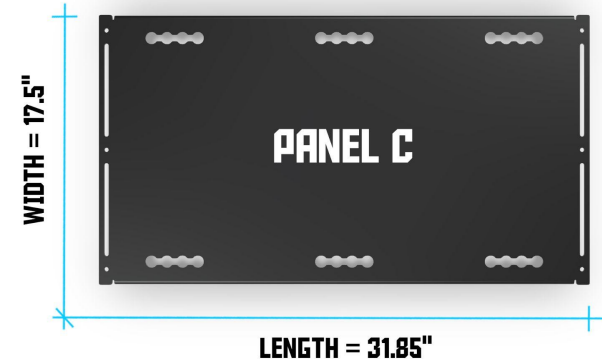
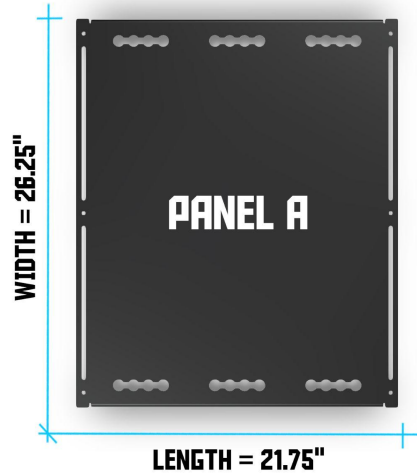


# ORION VAN GEAR

Modular Roof Deck Panels  
Mercedes Sprinter



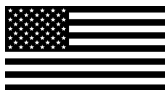
# PLEASE READ BEFORE INSTALLATION

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- ALWAYS INSPECT YOUR PRODUCTS UPON ARRIVAL FOR SHIPPING DAMAGE OR MISSING PARTS
- REPORT MISSING OR DAMAGED PIECES TO OUR SUPPORT TEAM BEFORE BEGINNING THE INSTALLATION



## INCLUDED HARDWARE

BUTTON HEAD SCREWS (1/4-20)



6x

10S T-NUT



6x

WASHER (1/4-20)



6x

## MATERIALS REQUIRED

### REQUIRED

- 1x 5/32" Ball End Allen Key (For 1/4"-20 Hardware)
- 1x Blue Threadlock (Medium Strength)  
[RECOMMENDED ON T-NUT HARDWARE]
- 1x Ladder

### RECOMMENDED

- Extra Rags (to keep things clean)
- 1x Tape Measure



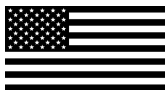
## STEP 1

**DISCLAIMER: This shows how to install one B panel. All panels are installed the same way, they just have different crossbar spacing.**

**1A -** Using a measuring tape carefully determine your crossbar positions for the deck panels you chose. Inside clearance between crossbars needs to be the length of each panel minus 2" (1" sits above the crossbars on each side). Depending on your roof configuration and layout it usually helps to start at the front of the rack and work backwards or vice versa. If you have a question on where the best place to start your roof deck configuration is please contact us.

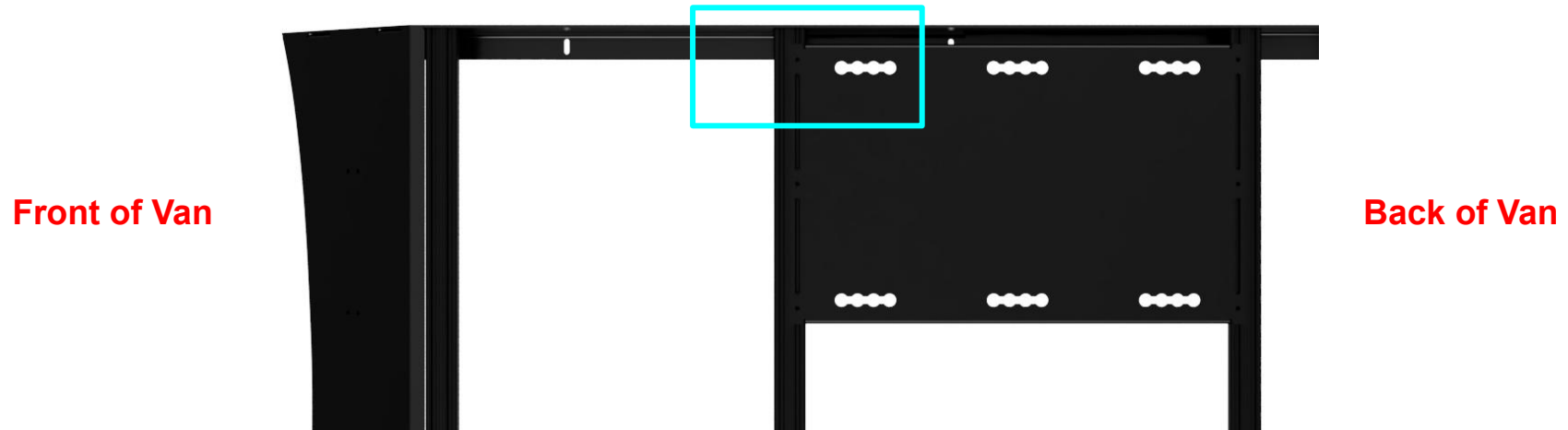
**1B -** Insert 3 TNUTS into the front and the back crossbars in the approximate location and spacing of the holes on the deck panels (6 TNUTS per panel). *Example: If you are mounting two B panels on each side of a Fan then you would insert 6 Tnuts into the back channel of the crossbar that's on the front side of the fan and 6 Tnuts into the forward channel of the crossbar that is behind the fan.*

**1C-** Position all crossbars so each deck panel you are installing rests 1" over each crossbar. Easiest way to do this is place crossbars 2" shorter than the distance of each panel. Keep crossbars loose so you can adjust as needed.

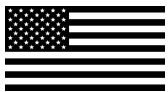
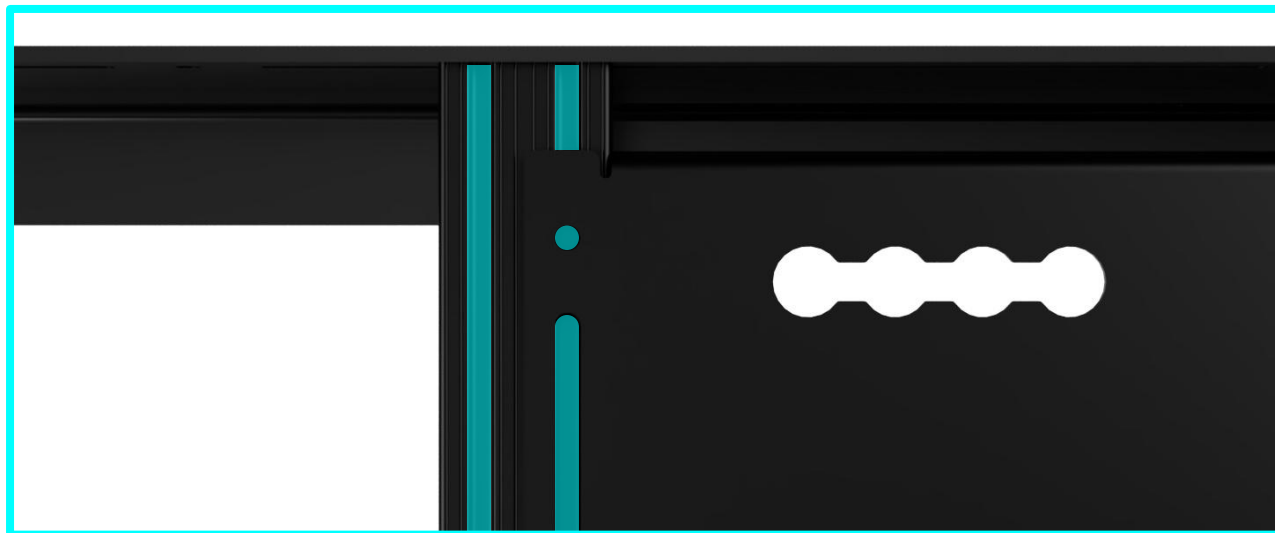


## STEP 2

**2A** - Orient the deck panels so the slots and holes face the front and back of the van.

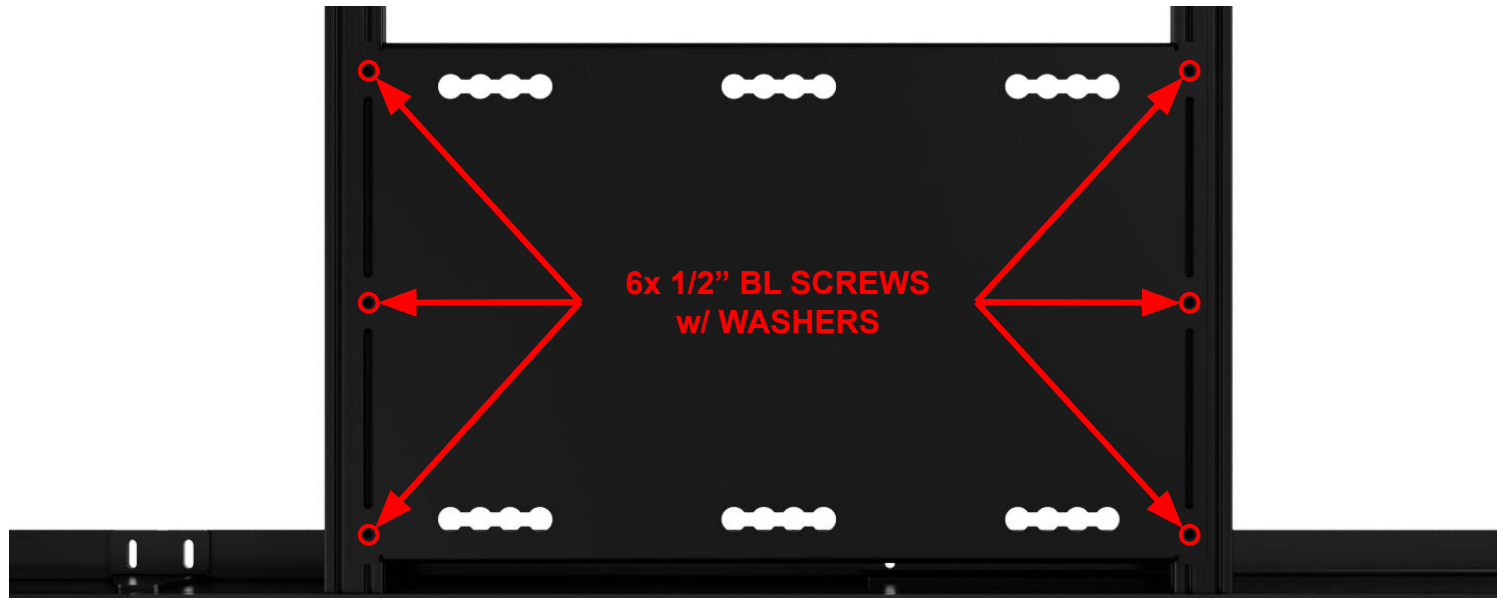


**2B** - Place the deck panel on the crossbars. Make sure the 6 holes on the deck panels line up with the center of the crossbar channels.



## STEP 3

3A - Loosely Insert 6X 1/2" SCREWS & 6X WASHERS into the TNUTS placed in step 1B.



3B - Repeat for each panel.

3C - Once all deck panels are correctly positioned APPLY THREADLOCKER to all deck panel screws.

4C - Reapply threadlocker to SCREWS that connect crossbars to the rack (if needed) and tighten to lock in crossbar positioning.

4D- Double check that all connections are tight.

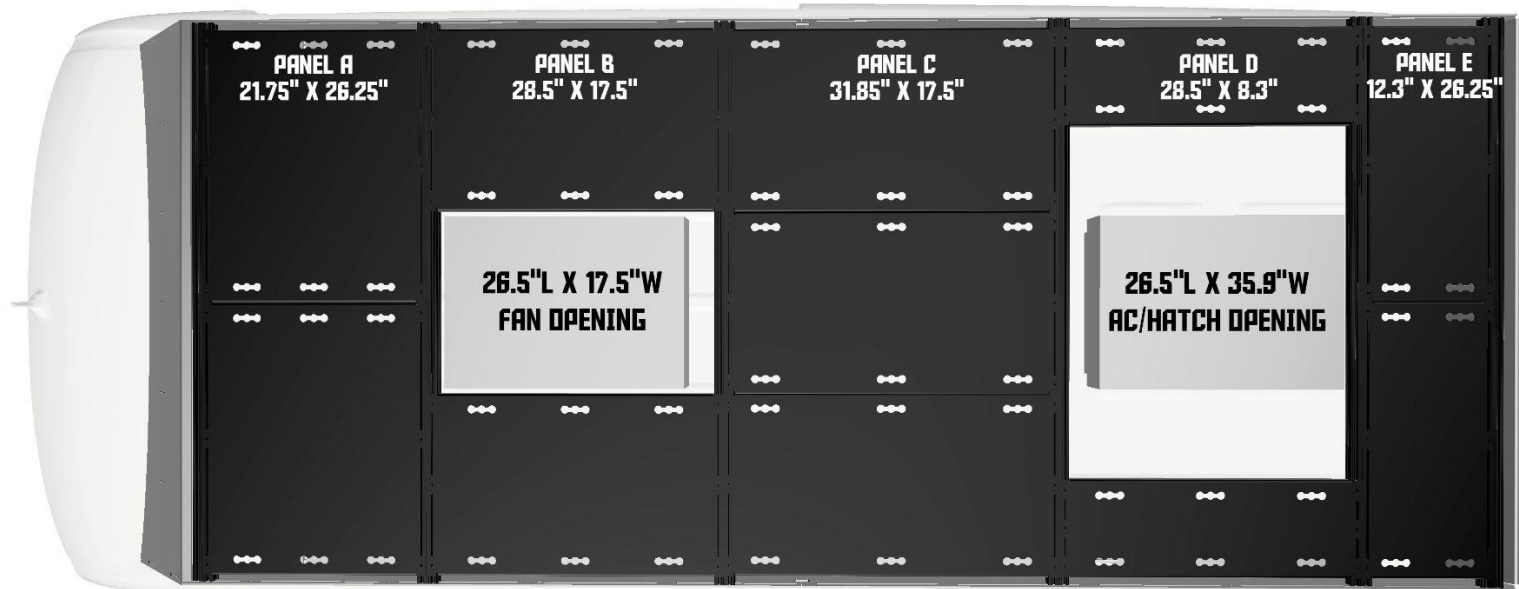


## STEP 4

4A- When done your rack should be complete, Here is an example:

### 144 SPRINTER 11 DECK PANEL CONFIGURATION

*\*REQUIRES 1 EXTRA CROSSBAR*



**HAVE A REAR FAN? REPLACE D PANELS W/ B PANELS**

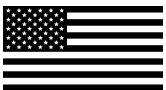
**NO FRONT FAN? ADD 1 - B PANEL**

**NO REAR AC? REPLACE D PANELS W/ 3 - B PANELS**

**WANT FLUSH SOLAR?**

**175 WATTS - REPLACE C PANELS W/ A 175 WATT RENEGY PANEL + A SET OF SOLAR BRACKETS + 1 CROSSBAR**

**275 WATTS - ALSO REPLACE A PANELS W/ A 100 WATT RENEGY PANEL + ANOTHER SET OF SOLAR BRACKETS**



## STEP 5

Please write a review (takes less than 1 minute!) [orionvanguard.com/pages/reviews](https://orionvanguard.com/pages/reviews)

Positive reviews from awesome customers like you help others to feel confident about choosing Orion Van Gear too. Not only do reviews improve our products but they let others know that we care just as much about providing quality customer service as we do about making exceptional van products. We will be forever grateful if you take 60 seconds to share your experience along with a few pictures of your new roof deck! Thank you in advance for helping us out.



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**FOR ANY QUESTIONS REGARDING INSTALLATION  
OR REPLACEMENT PARTS CONTACT US:**



[support@orionvangear.com](mailto:support@orionvangear.com)



(971) 267-2552

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*Leave an eligible photo/video review on our website after installing the rack and automatically get entered to win unique prizes. You will receive a unique review link via email 15-20 days after your rack is delivered so keep an eye out!*

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Snap it



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