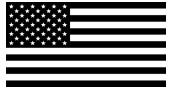


# ORION VAN GEAR

Sprinter Board Pole for Stealth+

Proudly Made in Oregon



**INSTALLATION GUIDE** v1

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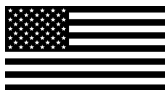
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- ALWAYS INSPECT YOUR PRODUCTS UPON ARRIVAL FOR SHIPPING DAMAGE OR MISSING PARTS
- REPORT MISSING OR DAMAGED PIECES TO OUR SUPPORT TEAM BEFORE BEGINNING THE INSTALLATION - [SUPPORT@ORIONVANGEAR.COM](mailto:SUPPORT@ORIONVANGEAR.COM)



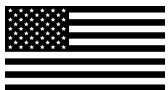
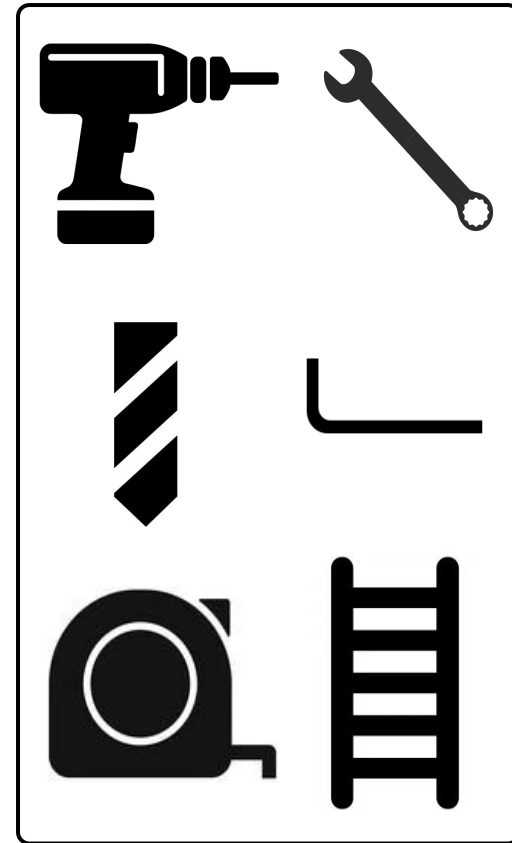
## MATERIALS REQUIRED

### REQUIRED

- 1x 7/16" Wrench
- Drill Set
  - 1/8" Drill Bit
  - 9/32" Drill Bit
- 1x 5/32" Ball End Allen Key (For 1/4"-20 Hardware)
- 1x Blue Threadlock (Medium Strength)  
[RECOMMENDED ON T-NUT HARDWARE]
- 1x 1 oz Anti-seize Lubricant  
[RECOMMENDED ON ALL NYLON LOCKNUT JOINTS]
- 1x Step Ladder

### RECOMMENDED

- 1x Extra Person
- Extra Rags (to keep things clean)
- 1x Tape Measure
- Mild Soap + Warm Water (to clean off excess anti-seize)



*\*Included hardware shown on next page*



# INCLUDED HARDWARE

Board Pole (bottom)

Board Pole (top)



Bayonet



1x

Bottom Plate



1x

Seam Plate



1x

## 1/4"-20 Hardware

BUTTON-HEAD SCREWS



2x

1 1/4" BL

4x

5/8" BL

4x

1" BL

WASHERS



12x

Black

HEX NYLON NUT



6x

OPTIONAL (No Rack Install)

\*ROOF RAIL BRACKET

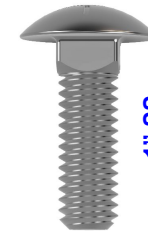


\*TRACK WASHER  
(ROOF ADAPTER)



2x

\*CARRIAGE BOLTS (5/16-18)



1" SS

2x



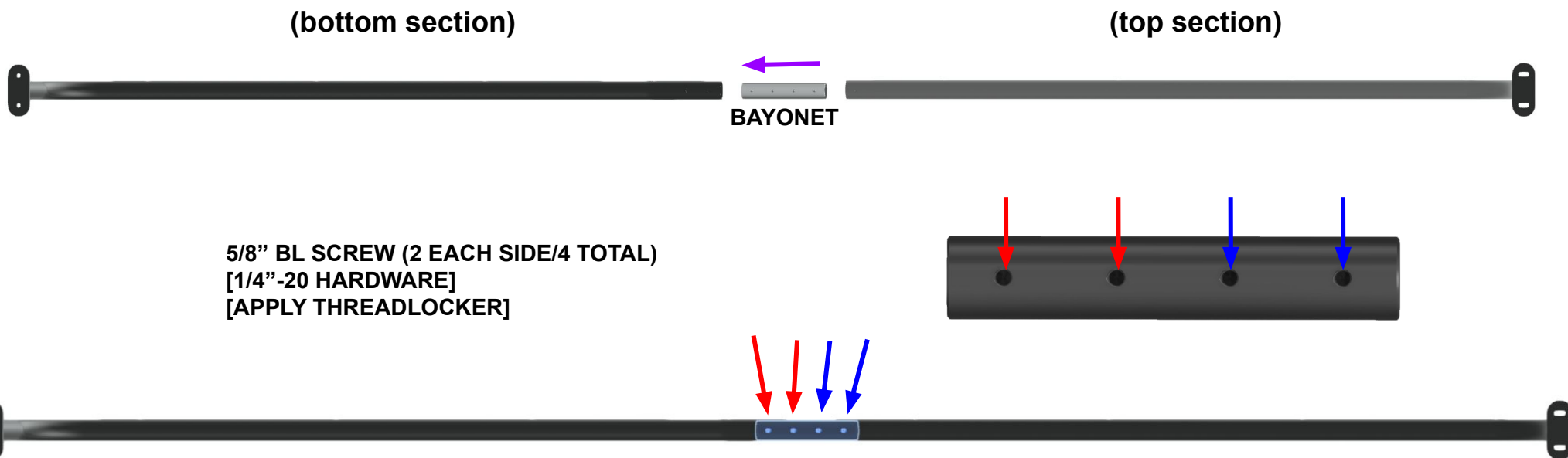
## STEP 1

**1A** - Slide the BAYONET into the bottom section of the board pole making sure to align the threaded holes on the BAYONET with the holes on the board pole.

**1B** - Insert 2x 5/8" SCREWS through the board pole into the BAYONET but don't tighten yet. (Apply Threadlocker)

**1C** - Join the top and bottom board pole sections together and insert remaining 2x 5/8" SCREWS (Apply Threadlocker)

**1D** - Tighten all SCREWS.



## STEP 2

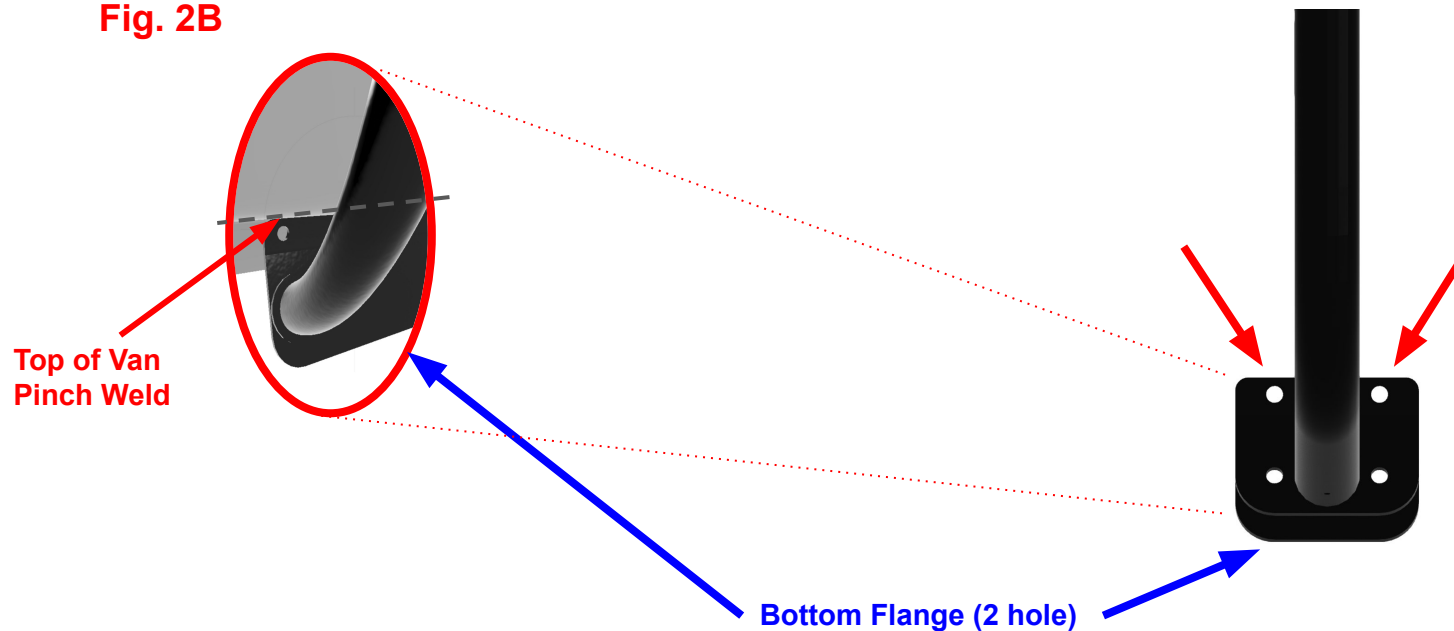
2A- Loosely attach the **BOTTOM PLATE** to the board pole as illustrated in **Fig. 2A** using 2x 1" **SCREWS**, 4 **WASHERS**, and 2 **NYLOCK NUTS**. (Apply Anti-Seize) Position the plate so the nuts are centered in the slot to allow for adjustment later.

Fig. 2A



2B- Next, position the board pole so the top of the **BOTTOM PLATE** sits flush towards the top of the **van's pinch weld** as illustrated in **Fig. 2B**. Using the 2 holes on the **bottom plate** as a template, mark and drill holes into the van's pinch weld. Use a 1/8" drill bit for the pilot holes followed by a 9/32" bit for the final hole size. *It's recommended to paint the holes after they are drilled.*

Fig. 2B

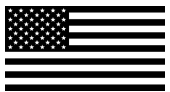
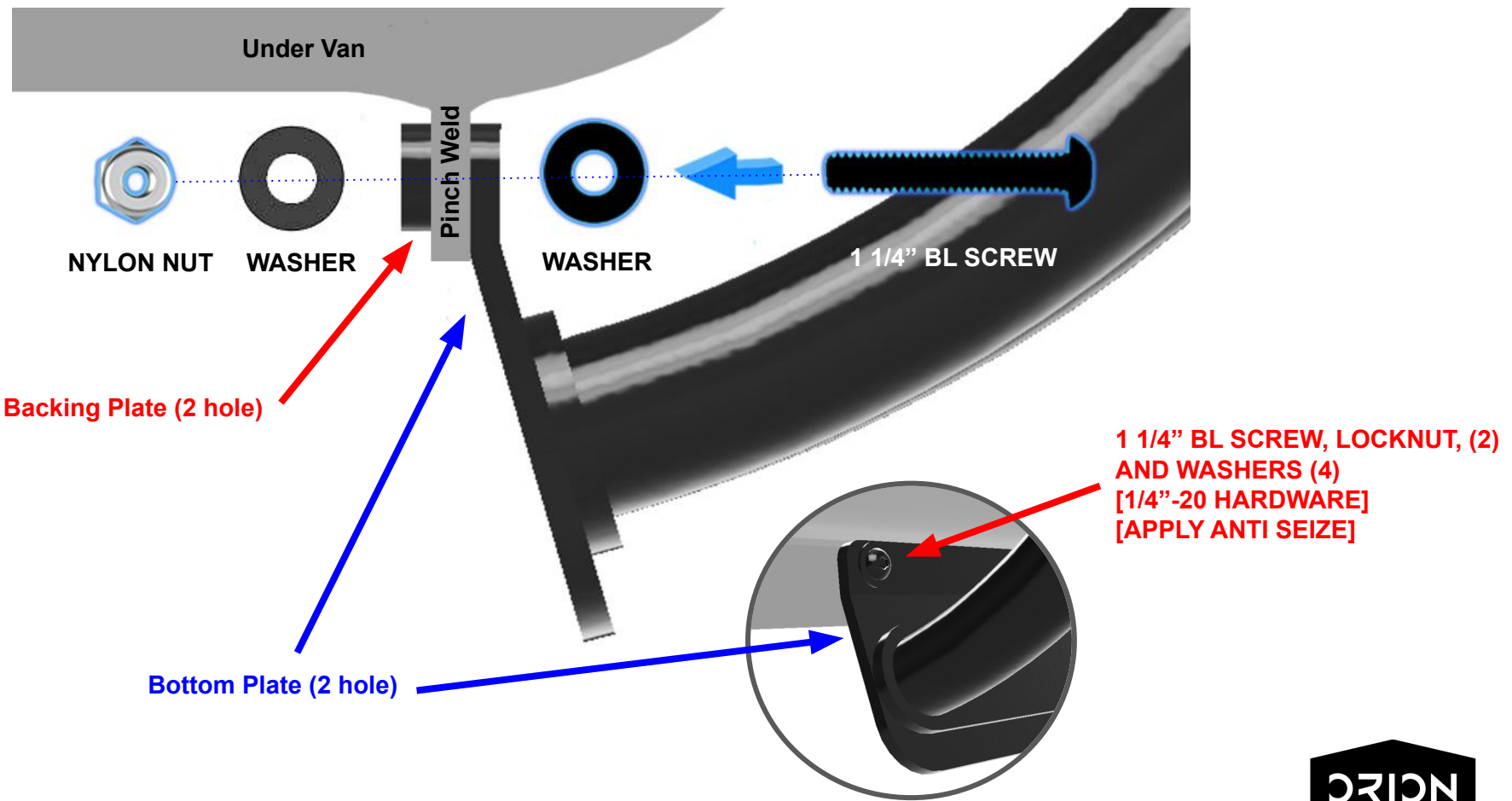


### STEP 3

3A- Use 2x 1.25" SCREWS, 4x WASHERS, and 2x NYLON NUTS to grip the BOTTOM PLATE, pinch weld, and backing SEAM PLATE. Use the order specified in Fig 3A below. (Apply anti-seize)

3B - Have someone hold the top of the pole so it doesn't rub against the rack on top as you tighten the 2 seam plate connections.

Fig. 3A



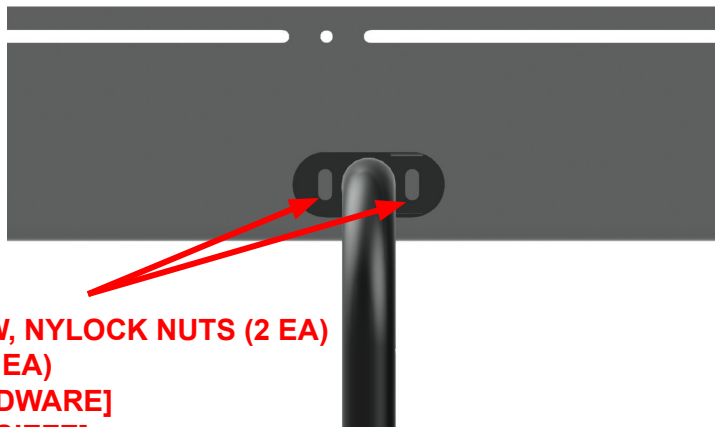
## STEP 4

**4A-** The top of the board pole mounts directly to the side of the rack **Fig 4A**. Alternatively, it can be mounted without the rack using our optional roof bracket and hardware as shown in **Fig 4A2**.

**4B-** Carefully lean the board pole towards the van until the top touches the rack. Adjust the position of the board pole as desired. If you need to adjust the pole up or down loosen the 2 bolts on the bottom plate from step 2A. Once you have it in the desired position use the 2 holes on the top of the pole as a template, mark and drill holes into the side of the roof rack. Use a 1/8" drill bit for the pilot holes followed by a 9/32" bit for the final hole size. *It's recommended to paint the holes after they are drilled.*

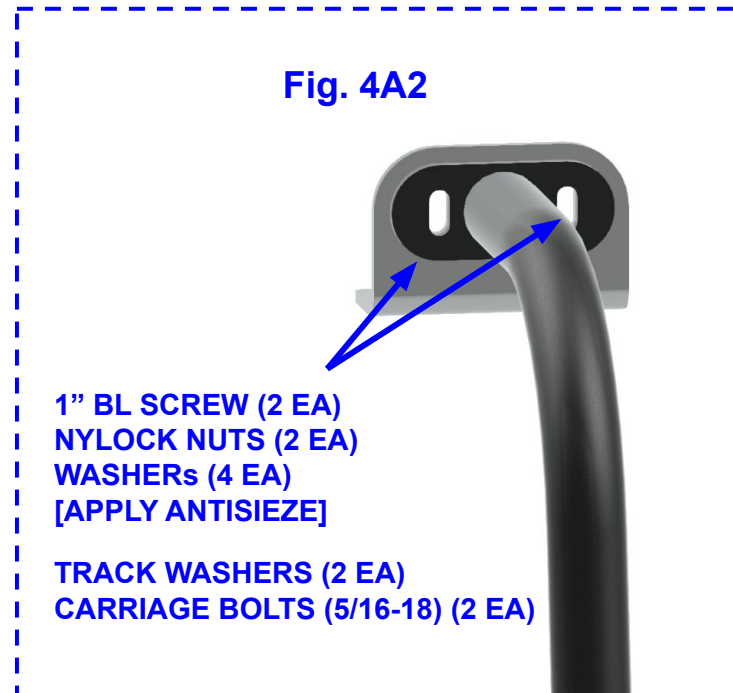
**4C-** Hold the pole in position and loosely attach the top connections using 2x 1" SCREWS with 4x WASHERS, 2x NYLON NUTS. Screws should be hand tight minus 1 turn to allow adjustment in the next step. (Apply AntiSeize)

**Fig. 4A**



**1" BL SCREW, NYLOCK NUTS (2 EA)**  
**WASHERs (4 EA)**  
**[1/4"-20 HARDWARE]**  
**[APPLY ANTISIEZE]**

**Fig. 4A2**



**1" BL SCREW (2 EA)**  
**NYLOCK NUTS (2 EA)**  
**WASHERs (4 EA)**  
**[APPLY ANTISIEZE]**

**TRACK WASHERS (2 EA)**  
**CARRIAGE BOLTS (5/16-18) (2 EA)**

**ORION**



## STEP 5

**5A- Make final adjustments and tighten all connections.**

**5B- Attach [Board Hooks](#) to the pole.**

**5C- Please write a review (takes less than 1 minute!**

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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 the ladder on your van. Thank you in advance for helping us out.



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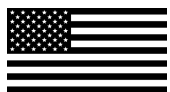
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