



# nVader

BY [FLARESPACE]

## 1-UP BIKE MOUNT INSTRUCTIONS

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These instructions cover installation of 1-UP bike racks to the nVader Rack using the Flarespace designed kits.

## 1UP Mounting Instructions

This hardware kit provides all of the required materials to mount two 1UP bike carriers vertically on the Flarespace nVader Rack.

### Included Hardware:

Part	Name	Quantity
A	¼-20 Carriage Bolt	5
B	¼-20 Nylock Nut	6
C	M6 Channel Nut	2
D	M6 Countersunk Bolt	2
E	Mounting Bracket	2
F	Cable Lanyard	1
G	¼-20 Hex Bolt	1
H	Washer	5
I	Nylon Bushing	1
J	Voile Strap	1
K	Thread Locking Compound	1



**Required Components (Not Included):**

2x 1Up Bike Carrier

**Tools required:**

7/16" Crescent wrench

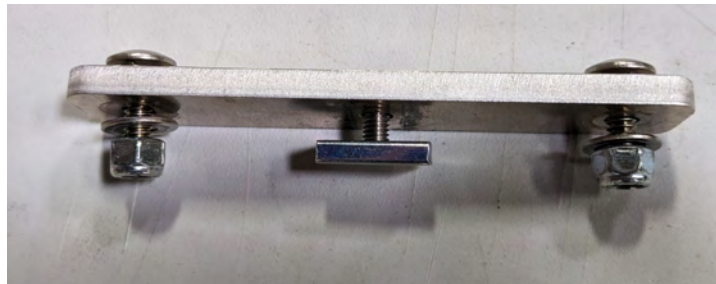
4mm Allen Wrench

## Instructions:

1. Add a drop of thread locking compound to the last few threads on the end of one M6 Countersunk Bolt (D). Place the bolt (D) into the countersunk hole of the Mounting Bracket (E), and secure loosely with a channel nut (C).



2. Insert two carriage bolts (A) into the bracket from the same side as the countersunk bolt, and secure loosely with a washer (H) and nylock nut (B).

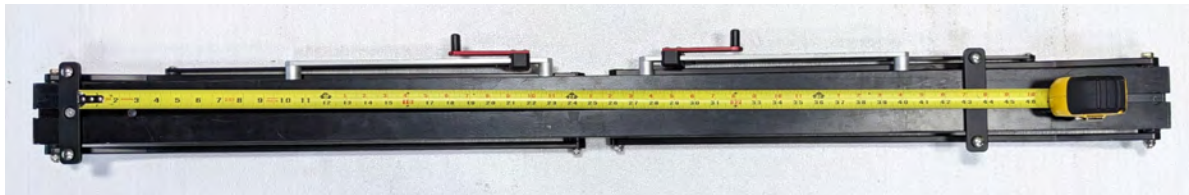
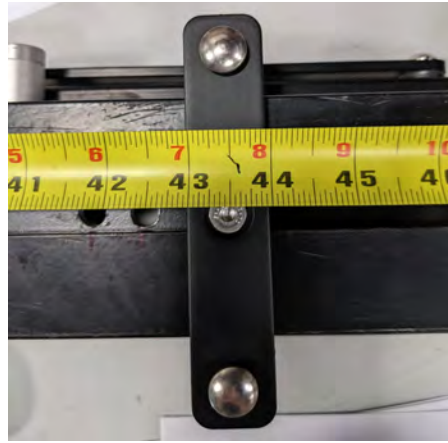
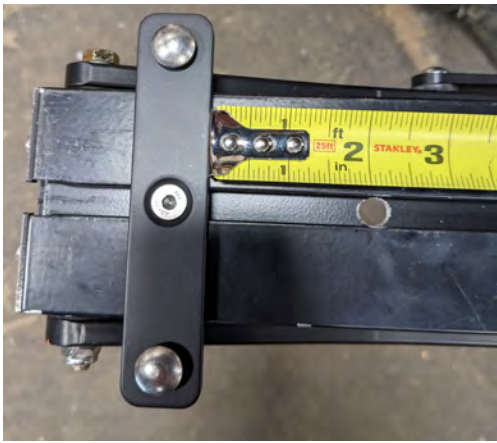


3. Slot channel nuts into the t-slot on the back of the 1UP bike carrier. CHANNEL NUT SHOULD BE INSERTED WITH THE WIDER SIDE TAKING UP THE FULL WIDTH OF THE SLOT.



4. Place the first bracket 1.5 inches from the end of the 1up rack. This will be the lower end of the rack. Place the second bracket so that the two brackets have 43 inches in between each other, and tighten bolts with a 4mm Allen Wrench.

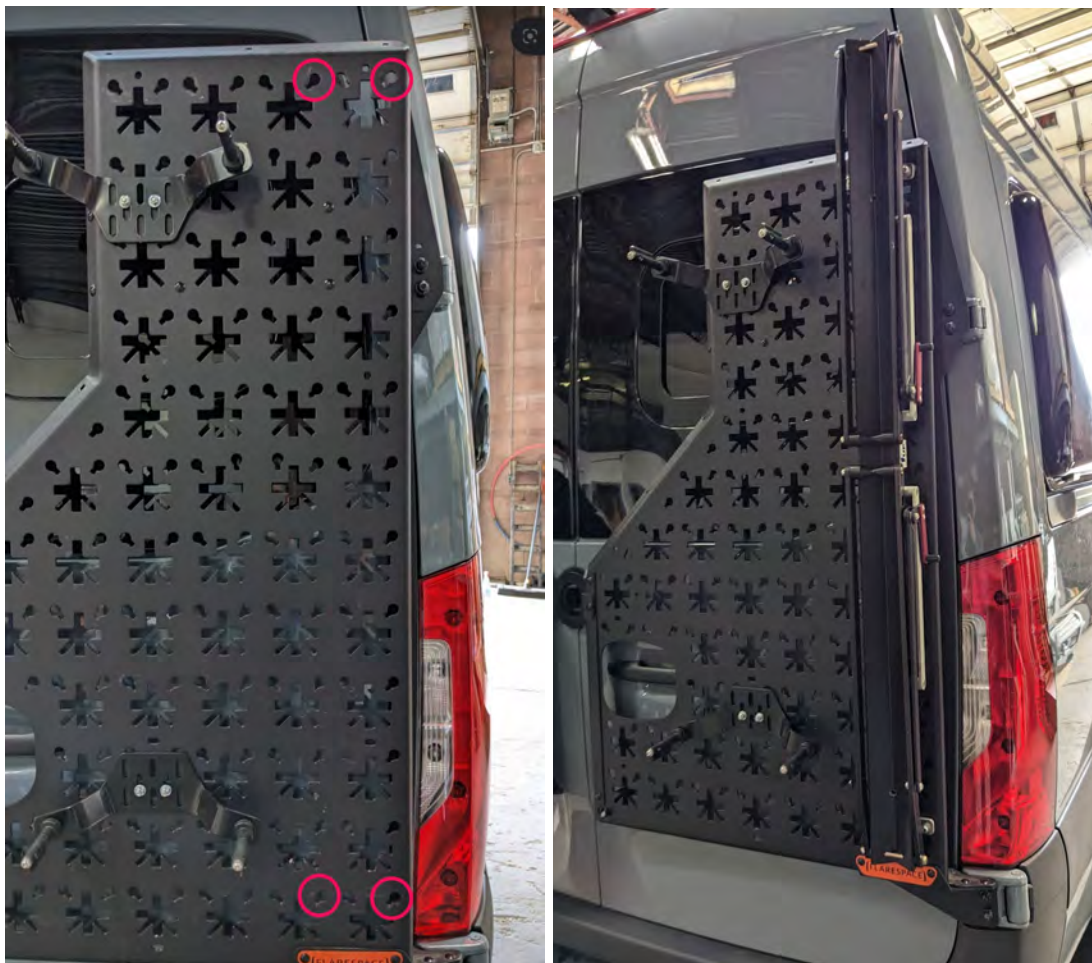
NOTE: If attaching multiple bikes, it is recommended to stagger the placement of the brackets along the 1UP rack to prevent bicycle handlebars from interfering. The lower bracket should be placed further from the end of the rack, but there should still be 43 inches between the two brackets.



5. Pick up the 1UP carrier, and place the Carriage bolts into the keyhole slots of the NVader Rack. After all 4 carriage bolts are through the slots, slide the entire rack down at an angle to lock into the smaller portion of the keyhole slots. Open the arms of the rack to get access to the nuts, and tighten all 4 nuts with a 7/16" wrench.

If the nuts aren't tightening, it helps to pull outward on the brackets to help the carriage bolts engage with the slots. This will prevent the carriage bolts from spinning on the back side and allow you to tighten the nuts.

NOTE: If attaching multiple racks to the same side, it is helpful to have the handles of the rack face outwards for easier operation.



6. Lower the bottom arm of the 1UP rack until it is slightly above horizontal. Attach the following hardware in order through the 2nd hole in the arm of the 1UP rack. This hardware should be placed on the side opposite of the levers on the 1UP rack. Tighten until the cable is snug but still able to rotate.

Hex Bolt (G)  
Nylon bushing (I)  
1UP Rack  
Washer (H)  
Cable Eyelet (F)  
Nylock Nut (B)

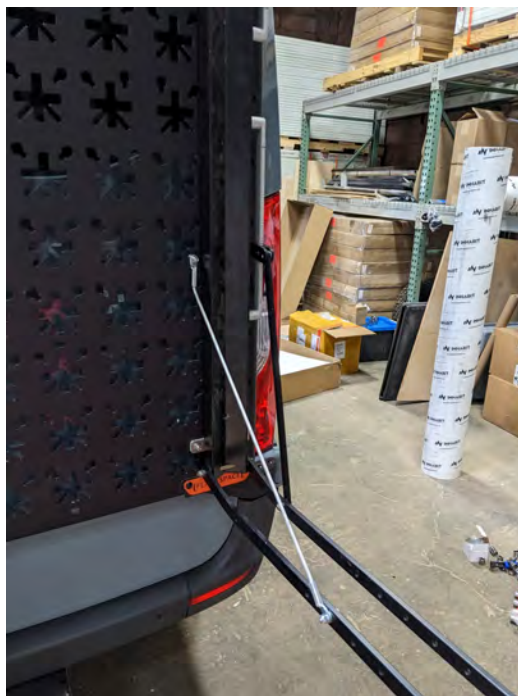


7. Place a carriage bolt (A) through the flat side of the eyelet (F) as shown below, and secure loosely with a Nylock Nut (B). **With the 1UP arm horizontal**, place the carriage bolt through the highest possible  $\frac{1}{4}$ " slot in the NVader Rack and tighten with a  $\frac{7}{16}$ " Wrench.

NOTE: You may need to slightly raise the arm of the 1UP Rack to give more slack in the cable.



8. Lower the arm of the 1UP Rack until the cable is snug. The final position of the 1UP Arm should be slightly above horizontal. Adjust the position of the carriage bolt from Step 6 if necessary.



9. The rack is now ready to use. Fold arms closed when not in use. When transporting a bicycle, use the included voile strap to secure the top wheel to the 1UP rack.



NOTE: The cable placement and bottom arm angle may need to be adjusted depending on the size of your bicycles.

