

Congratulations on your purchase of the best Surfboard Rack on the planet! Moved By Bikes E-Bike Racks feature our unique tool-free quick release on the bars, and the mounting has been optimized to fit common E-Bikes that are produced with mounting bosses on the front of the frame and rear carrier racks out back.



USE THIS PRODUCT SAFELY

Riding an E-Bike is an inherently dangerous activity. Carrying surfboards further increases your risk of injury and should be done with the greatest of care. Be sure that you maintain your bicycle and check bolts on the racks as well, as they may loosen up over time. Always ride under control, be alert, and follow the rules of the road. The racks are not intended for aggressive riding of any kind.

PRO TIP #1

Do it right the first time - click over to the surfboard rack page at movedbybikes.com for a short video on proper installation.

QUICK AND EASY MOUNTING TO YOUR E-BIKE

This document provides quick and easy installation instructions. The front rack mount will direct bolt to front frame bosses that are tapped for M6 X 1mm standard metric threaded bolts. The rear rack mount will clamp to a rear rack, either bolt on or integrated into the frame. This provides good bar spread for carrying long and shortboards and can handle SUPs up to 25lbs with our SUP Lower Bar Set added.

TOOLS

Installation requires a 5mm Allen key. Depending on your application, you may want to trim the length of the longer mounted tube for a perfect fit on your bike.

PRO TIP #2

Stainless bolts are prone to galling. To prevent this, use a common stainless steel anti-seize compound on the threads during assembly.



INSTALL THE FRONT MOUNT



1. Remove the existing bolts from the factory



2. We recommend applying anti-seize to all bolt threads

3. Slip the bolts through the tube clamps and thread into the frame



4. Slide the mounted tube into the tube clamps

5. Center the mounted tube in the clamps and align rotation



6. Tighten the bolts into the frame to complete installation

7. Check that handlebar rotation is not impeded. If cables catch on the mount hardware, tie them up to the handlebar with zip ties or similar.

INSTALL THE REAR MOUNT

The rear mount has a few different clamp sizes to fit with a range of bike frames and rear racks. Use the size that fits your application:

- Small Rear Rack Clamps - fit rear racks with tubing that is 6-10mm in diameter (0.25-0.40IN)
- Medium Moped Rack Clamps - fit frame tubing that is 12-19mm in diameter (0.5-0.75IN)
- Large Moped Rack Clamps - fit frame tubing that is 16-28.5mm in diameter (0.63-1.125IN)

The rear mount is preassembled in the box with the medium size clamps.



1. Determine which size clamp set you need for your application (measure with calipers or test fit with the parts)



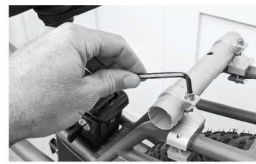
2. Disassemble the hardware of the clamps



3. We recommend applying anti-seize to all bolt threads



4. Reassemble the clamps around the desired mounting location.



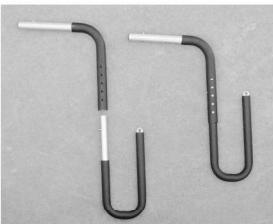
5. Insert the mounted tube into the tube clamps, with the push button hole closer to the side you will carry your board on.

6. Set rotational alignment of the tube and tighten the clamp bolts to complete the installation.

7. Be sure to tighten the bolts evenly so the clamp blocks stay parallel as they are tightened.

Pro Tip #3

It is always best to install the clamps on two different frame members as shown in these images. Installing both clamps on the same frame member can work, but it will be more likely to rotate over time.



ASSEMBLE THE BARS AND INSTALL THEM INTO THE MOUNTS

1. The rack bars come in the box in two pieces. Assemble the U-shaped lower bar into the foam covered end of the L-shaped upper bar. There are 5 height settings that the pins can be aligned with. To use the top two holes, you will need to remove some foam from the lower bar.



2. Install the Rack bars into the mounted tubes by aligning the splines and sliding them into the mounts. Slide them in until the push buttons locks in the hole in the mounted tube. That's all there is to it, you're ready to ride.



LOADING YOUR BOARD

With the bars installed, you are ready to load up your board and head to the beach! For E Bike applications we recommend using bungee cords or straps to secure your board for the journey. (not included)

