

MICRO PANNIERS AND RACKS



gramm

x

ALLYGN

# gramm X ALLYGN

Thank you for choosing the Gramm x Allygn Micro Panniers.

After years of development in our Berlin workshop and the surrounding roads and trails, we are thrilled to finally bring this collaboration to you.

Each Micro Pannier has a 3-liter capacity in an aero shape that blends in seamlessly with the rest of your bike. Light and sleek for carrying just the essentials and little more, you won't even notice they're there.

The Micro Panniers attach with simple yet reliable magnetic Fidlock Snap buckles and a special Loxx fastener. This innovative combination ensures that your Micro Panniers stay securely in place, even on the roughest terrain, while still being super easy to detach from your bike.

Crafted from strong yet lightweight aluminum, the dedicated Micro Racks support the Micro Panniers and also perform as accessory racks with optional straps.

Install the Micro Panniers and Racks on your bike and be ready for your next big adventure!

Happy riding!  
Cheers,  
Tine & Flo.



## PARTS INSIDE THE BOX:

- 1 pair GRAMM Micro Panniers, left and right
- 1 pair ALLYGN Micro Racks, left and right

- 1x Micro Tool
- 6x M5 x 16mm bolt
- 12x M5 Washer
- 6x Plastic Spacer

Check out the product page for user videos, updated info and manuals.  
<https://fern-bicycles.myshopify.com/>



## !WARNING!

Improper installation of the Micro Rack may result in serious personal injury and damage to your bike!  
The Micro Rack must be installed by a skilled bicycle mechanic.

Always check back with your fork's manufacturer if the eyelets are suitable for rack installation. Refer to your fork manual and never exceed the recommended torque values and weight limits for your cargo eyelets. Take particular care when installing on carbon forks.

**INSTALLATION TO CARBON FORKS SHOULD ONLY BE PERFORMED BY PROFESSIONAL BIKE MECHANICS!**

Regularly inspect all bolts to ensure they are still tight.

Before riding, always make sure that the Micro Pannier Bags are properly seated in all three attachment points. Always double check that the Loxx fastener is fully locked.

If you have any problems with installing the Micro Racks to your bike, just go to the next bike shop around the corner, they will help you!

**SUPPORT YOUR LOCAL BIKE BUSINESS!**

### Tools you need:

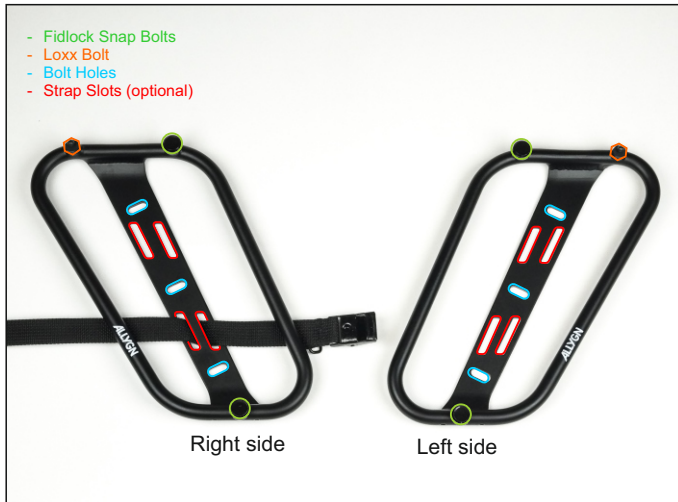
- Loctite 243 medium, or similar bolt retaining compound
- 4mm Allenkey
- Micro Tool (included)
- A standard lighter (optional)

### Tools you need:



The Micro Tool can be mounted on the right Micro Rack, always there in case you need it!

## 1 RACK OVERVIEW



The Micro Racks are distinct for the left and right fork blade. Each Micro Rack has two magnetic Fidlock Snap bolts and one ball head Loxx bolt. The three short slotted holes (blue) are for mounting the Micro Rack to your fork. The four long slots (red) are for strapping other gear directly to the Micro Rack with optional cargo straps.

## 3 ALIGN THE RACKS



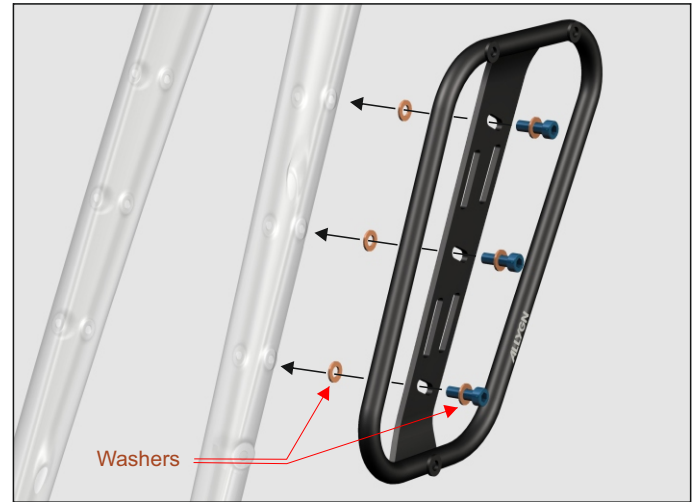
Place your bike on a flat surface and rotate the Micro Racks until the top sides are parallel to the ground. Tighten the bolts to the torque values recommended by your fork's manual, usually between 2Nm and 5 Nm. **Check all bolts regularly after riding to make sure they are still tight.**

## 5 SECURE THE BAGS



**IMPORTANT!** Before each ride, always ensure that the Micro Panniers are securely snapped in. Actively lock the Micro Panniers by pushing the Loxx button on the inside of the panniers. This is essential for safe riding.

## 2 INSTALL THE RACKS TO THE FORK



Use the M5 x 16mm bolts with M5 metal washers on both sides of the Micro Rack and bolt it loosely to the fork's cargo eyelets. If your steel fork has only two mounting points you can choose between the upper or lower two holes of the Micro Rack. You must use all three bolts when attaching to carbon forks! **Use Loctite 243 or similar on all bolts!**

## 4 INSTALL THE BAGS



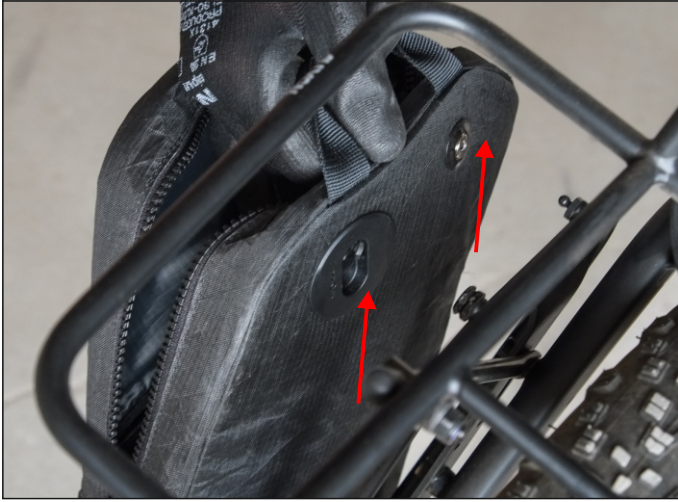
There is matching left and right Micro Pannier for each Micro Rack. Simply place the corresponding Micro Pannier on the two magnetic Fidlock Snap bolts of the rack, and it will snap into place.

## 6 RELEASE THE BAGS



To release the Micro Rider Panniers from the rack, open the bag and pull on the Loxx button to unlock it.

## 7 RELEASE THE BAGS



Now pull up on the handle of the Micro Pannier to slide it out of the Fidlock Snap bolts.

## RETIGHTEN THE LOXX BOLTS



Very rarely, the Loxx bolt may come loose. Use our included Micro Tool (or 9mm wrench) to unscrew it. Apply Loctite or similar on the threads and fasten it again with 5Nm.

## RETIGHTEN THE LOXX CLOSURES



In case the Loxx fasteners on the Micro Panniers come loose or need position adjustment, you can use the two pins on the Micro Tool to tighten the outer lock ring. The Loxx fastener's position can be adjusted 1mm in all directions for best fit.

## ADDITIONAL INFO:

### INSTALL RACK OVER FRONT RACK STAYS



If you are already riding with a Diamond Rack or similar which occupies one of your fork's cargo eyelets, use the included spacers to make up for the thickness of the rack stay and mount the Micro Rider Racks on top of the stay.

## RETIGHTEN THE FIDLOCK BOLTS



In case the Fidlock Snap bolts come loose, undo the bolt using the Micro Tool by hooking it into the 2mm hole on the side of the Snap bolt. Apply Loctite or similar on the threads and fasten it again with 5Nm.

## ADJUSTING THE FIDLOCK SNAP LOCK



The Fidlock Snap locks on the Micro Panniers may come loose or need angle adjustment to precisely snap to the Micro Rack's Fidlock Snap bolts. To retighten, hold the locking inside the Micro Pannier with your fingers. You can use a standard lighter to turn or tighten the Snap outer.