

## Corvus LCG+ RACK INSTALLATION



Thank you for purchasing a Corvus LCG+ Rack!

Cycling can be dangerous. Bicycle products should be installed and serviced by a professional mechanic. Never modify your bicycle or accessories. Read and follow all product instructions and warnings including information on the product website. Inspect your bicycle before every ride.

**WARNING:** Do not overload the rack. Doing so will void the warranty and may result in damage or failure of the material and possible serious injury.

Always check for adequate clearance between the tire and any accessory mounted to the bicycle frame and fork.

- **Regularly check the tightness of rack bolts and hardware, these can work loose over time, especially in the first few rides after installation!**
- Do not carry any live cargo (i.e. pets) as this may cause a shift in balance and a crash resulting in serious injury to both you and your cargo
- Bicycle steering and braking may behave differently with a loaded rack.
- Position reflectors and lights so that they are not obscured when rack is loaded.
- Evenly distribute weight on both sides of this rack.
- An improperly modified rack can cause you to lose control and fall.
- NEVER MODIFY YOUR RACK OUTSIDE OF THESE INSTRUCTIONS

## INSTALLATION INSTRUCTIONS

### Compatibility

The Corvus LCG+ Rack is compatible with Corvus and NOS Fatback frames, and are designed to work with other frames that have appropriate mounting points. Confirm that your frame is suitable prior to installing any Corvus components or accessories. ***Never modify your bicycle frame.***

Your frame should be equipped with threaded rack mounts just above the dropouts and upper seatstays. Our racks are designed to be mounted on frames with dropout widths between 170mm-197mm. **This is a rack designed to work specifically with Fat Bikes and Corvus Crow Pass.** Some frames do not have threaded mounts at the seatstays, and a seat clamp with integrated rack mounts can be used instead. Please do not mount Corvus LCG+ rack to a fork.

## Tools Needed

- 5mm hex key
- Grease
- M5x0.8mm tap to clean threaded rack mounts (if needed)
- Hacksaw to cut rack struts if necessary
- Torque wrench that measures in Nm
- Carpenter's level

## Hardware Included

- (2) Stainless J Shaped Struts for adjusting height and attaching to frame
- (2) M5x22mm socket head cap screw (for hardware mounting to rack lower struts)
- (2) Clamps for attaching struts to rack platform
- (2) 300mm solid aluminum struts w/end caps
- (2) Stainless Hook plates for securing straps (optional)

## Assembly Instructions

1. Start with a clean workspace, and lay out included hardware and required tools. Position the rack, upside down, on your work surface, drip or spray Boeshield T9 or other rust inhibitor to the inside of the rack tubes (through the vent holes) as desired.
2. Attach the black/silver strut clamps to the underside of the rack platform on the slotted plate and insert the 300mm struts into the clamps.
3. Position the rack in the desired position on the bike (check heel clearance while pedaling backwards) and attach the rack with M5x22mm bolts at the upper and lower threaded rack mounts, do so with ~1nm of torque and place bicycle on the ground – do not ride.
4. Adjust the struts at the clamp to rotate the rack forward and backward, use the carpenter's level to position the rack platform parallel with the ground. The rack struts are made of solid aluminum and are intended to be cut to fit if necessary. Measure the strut length and be sure to leave enough extra material for the end cap to be installed over the cut end of the strut once the rack is fully installed.
5. Once final rack fitment is completed, set the torque at the strut clamps to 6Nm on the sides and 6Nm on the top of the rack platform. The upper and lower rack mount hardware should be tightened to 6Nm.

## Ongoing Maintenance:

**Rack hardware can loosen after installation, it is critical to check the tightness of all bolts regularly, if you do not do this there is a risk of serious injury or death.**

## Corvus Cycles LIMITED WARRANTY

This Corvus LCG+ rack is warranted against defects in materials and workmanship for three years from the date of retail purchase of the product, subject to the limitations detailed below. This warranty does NOT cover the following:

- Damage due to improper assembly or follow-up maintenance or lack of skill, competence or experience of the user or assembler
- Products that have been modified, neglected, used in competition or for commercial purposes, misused or abused, involved in accidents or anything other than normal use
- Installation of components, parts or accessories not originally intended for or compatible with bicycle as sold
- Damage or deterioration to the paint, surface finish, aesthetics or appearance of the product
- Normal wear and tear
- Labor required to remove and/or refit and re-adjust the product within the bicycle assembly

This limited warranty is expressly limited to the repair or replacement of a defective product, at the option of Corvus Cycles, and is the sole remedy of the warranty. This limited warranty applies only to the original purchaser of the Corvus Cycles product and is not transferable. This warranty applies only to products purchased through an authorized dealer or distributor. In no event shall Corvus Cycles be liable for any loss, inconvenience or damage, whether direct, incidental, consequential, or otherwise resulting from breach of any express or implied warranty or condition, of merchantability, fitness for a particular purpose, or otherwise with respect to our products except as set forth herein.

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