



## INSTALLATION GUIDE

The Rainier CX Lever Kit allows you to mount a dropper post on a bike with 24mm diameter drop bars, commonly found on cyclo-cross, gravel, adventure, trekking or road bikes. If at any point you need more information on the below installation instructions, please reach out to [info@pnwcomponents.com](mailto:info@pnwcomponents.com).

## PACKAGE CONTENTS

CX LEVER



BARREL NUT



ROTARY FERRULE



CABLE END CAP



SHIFTER HOUSING



CABLE



FLEXIBLE HOUSING



### Rainier CX Lever Kit Includes:

The package contents include the CX Lever, Barrel Nut & Screw, Rotary Ferrule, Cable End Cap, Shifter Housing, Flexible Housing and Cable.

### Tools Needed for Installation:

2mm allen wrench, 3mm allen wrench, cable cutters, and needle nose pliers (optional).

# CABLE ASSEMBLY PROCESS



**1** To prep handlebar: remove bar tape to expose bare bar and cables.



**2**

Run the cable through the adjuster link, cut the housing to appropriate length.



**3**

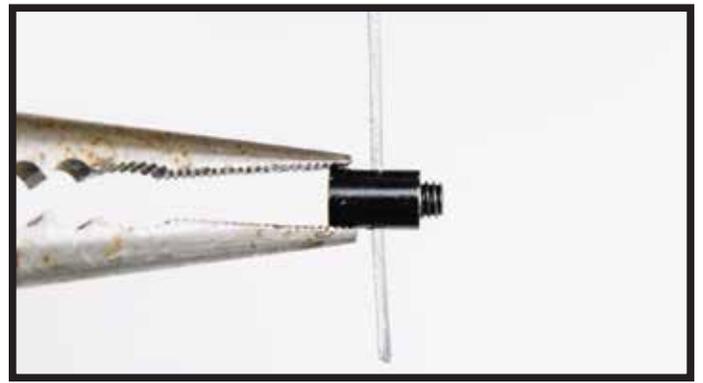
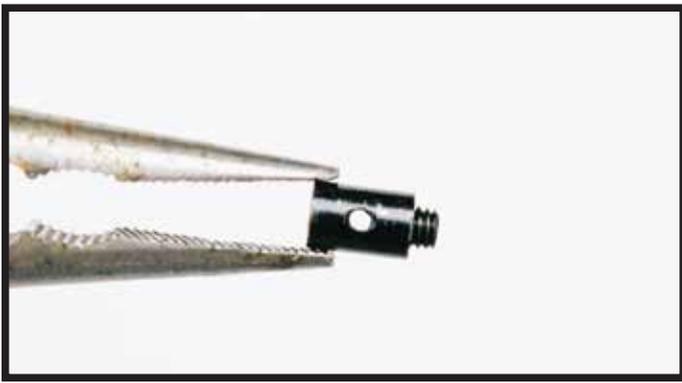
Use a 2.5mm hex allen key to fix the clamp lever to the handlebar.

**4** Using the flexible cable housing, run the housing on the handlebar. Wrap your bar tape over the bar and housing as desired.



**5**

Run the cable through the housing and rotary ferrule to the lever.

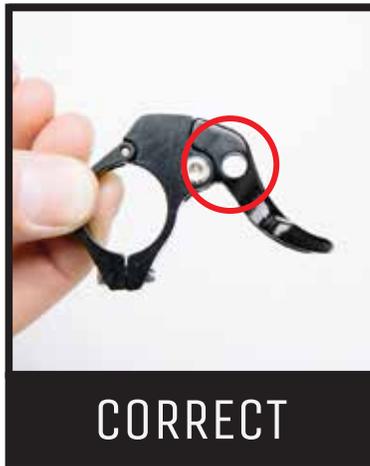


**NOTE**

The barrel nut that will be inserted into the lever has a hole for the cable to slide through and is tightened using a 2mm and 3mm allen wrench.



**INCORRECT**



**CORRECT**

**6**

Insert the barrel nut into the round floating center blade of the lever with the screw facing the left side of the lever. **It is crucial that the barrel nut is placed into the curved portion of the floating center blade.**



**7**

Pull the cable through the lever and hole in the barrel nut until the cable is tight.



**NOTE**

It can be hard to see, but there is a hole in the barrel nut for the cable to slide through.



8

Tighten the bolt with a 2mm allen key on one side and a 3mm on the other side of the barrel nut.

**NOTE**

You may need to back off the set screw with the 2mm allen for the hole in the barrel nut to open.

9

Push the lever 5-10 times to eliminate any play in the cable.

**NOTE**

If there is significant play, loosen the barrel nut screw and pull more cable through. Retighten with 2mm allen key and 3mm allen on the other side to hold it in place. **For micro adjustment, turn the rotary adjuster on the ferrule.**



10

Slide the cable into the guide under the lever (easiest to pull with needle nose pliers)

11

Cut cable with enough length leftover to place the cable end cap on the end of the cable. Crimp cable end cap to hold in place.

If you have any questions or concerns, don't hesitate to contact us at [info@pnwcomponents.com](mailto:info@pnwcomponents.com)

# OPERATION



## TO LOWER SEAT POST:

Push the remote lever with your thumb and apply your body weight to the saddle. This model of post can be set at any height within the designated travel range. We call this "infinite adjust". Before releasing your body weight off the saddle, release the remote lever. The saddle will remain at the desired height.

## TO RAISE SEAT POST:

Remove body weight from the saddle and push the remote lever with your thumb. Again, this post can be set at any height within the designated range. Once you have found the desired saddle height, release the remote lever.

## NOTES:

If the seat post is lifted while in the lowered position, the post stanchion (inner tube) will extend from the outer post tube. This is normal and it will return to the proper position once weight is applied to the saddle. Picking up the bike by the saddle can also cause a temporary "spongy" feel.



## WARNING

Do not attempt aggressive riding until you are totally familiar with the operation and function of the seat post. NOTE: You will become familiar with this simple procedure quickly with practice.

Adjusting the Dropper Post position while riding may result in loss of control due to body weight adjustment. Please be careful!

# MAINTENANCE

Routine maintenance of the Dropper Post will provide longevity and proper performance of the post.

Before every ride: Clean the exposed portion of the post stanchion (inner tube) with a clean cloth and make sure to clean around the seal wiper as well.

Check [www.pnwcomponents.com](http://www.pnwcomponents.com) for detailed maintenance instructions.



## WARNINGS

The following warnings are extremely important. Please read each thoroughly and ensure you understand before using the Dropper Seatpost. If you have questions about any of the below, please contact us immediately at <http://www.pnwcomponents.com/pages/contact-us>

- Incorrectly identifying the correct seat post diameter for the particular bicycle frame seat tube that the Dropper Seatpost will be installed into can result in slippage or failure, causing serious personal injury or death.
- Activating the remote lever or release arm on the head of the Dropper Post will cause it to rise up quickly. Do not operate until the saddle is installed on the seat post and the post installed on the bike, as described prior in this manual.
  - Always make sure nothing is in the way of the post as it is inserted into the frame. Forcing the post into the frame if it feels resistance could cause damage to the frame. Especially with some full-suspension design frames, pivots or bends in the seat tube could prohibit the post from being inserted to desired height.
- Do not adjust the height of the Dropper Post while riding the bicycle as it may result in loss of control and potential bodily injury. It is recommended that the height of the saddle is adjusted when stopped.
- It is essential to keep out of mud and water.
- When storing for extended periods, keep the seat post in the fully extended (up) position.
- Do not loosen the main cap. Ensure the main cap is fully tightened all the time.
- Always use lower torque recommendation by the manufacturer when installing this dropper post.
- If you are not an experienced bicycle mechanic, or do not have the correct tools for this installation, please take the seat post with instructions from this Owners Manual to your preferred bicycle retail shop and have them perform the installation.

# WARRANTY

This Lever is warranted for a period of three (3) years from the date of purchase against defects in workmanship. The warranty is expressly limited to the repair or replacement of the defective part at PNW Components, LLC's discretion and is the sole remedy of the warranty. The warranty applies only to the original owner and is not transferrable. Proof of purchase is required to validate warranty eligibility. The warranty does not cover normal wear and tear, routine maintenance, improper installation or improper use of the Seatpost. Modification of the Seatpost in any manner shall void the warranty.

Any damage caused by the Seatpost to the bicycle frame is not covered by the warranty. PNW Components, LLC shall not be responsible for incidental or individual costs incurred that are not covered by this warranty. The user assumes the risk of any personal injury or property damage, including damage to the Seatpost, and any other losses, if the Seatpost is modified or improperly used at any time. This warranty gives the consumer specific legal rights which vary from state to state and province to province.