

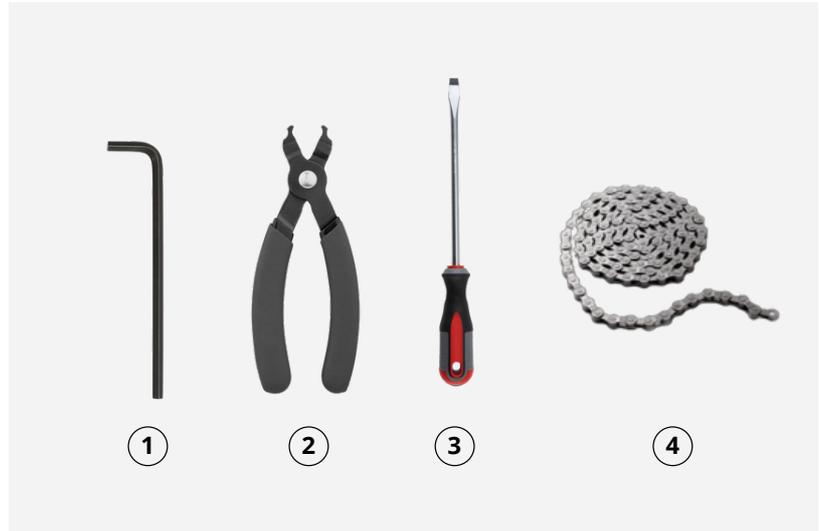


CARBON CERAMIC DERAILLEUR FOR SHIMANO GRX 11 SPEED

*GRX 810-815 / ULTEGRA RD-RX 800-805 VERSION
GRX 812-817 VERSION*

TOOLS NEEDED

1. Allen keys (2mm, 4mm)
2. Chain remover
3. Flat screwdriver
4. New chain



INSTALLATION VIDEO

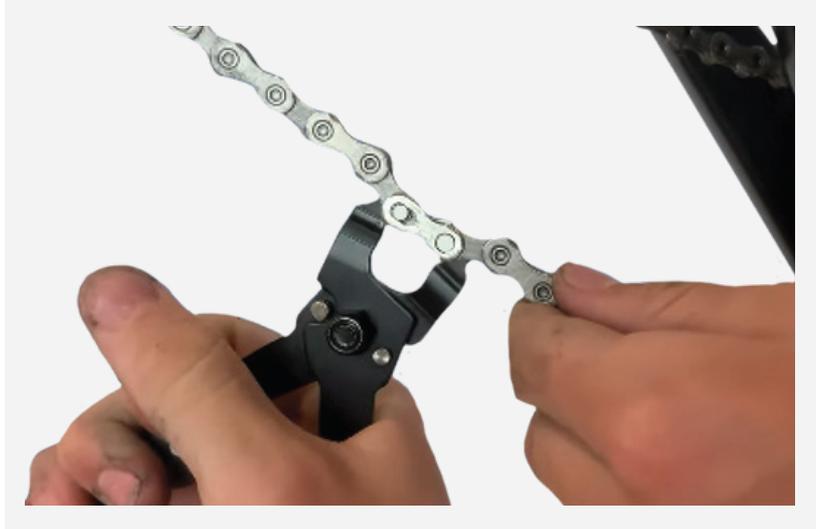
For installation tutorial video, please follow the instructions in the "How To Install your Nova Ride Shimano GRX Oversize carbon pulley cage version" video to properly mount your new cage on our Nova Ride Youtube channel.

Scan this QR Code to access our installation video and social media.

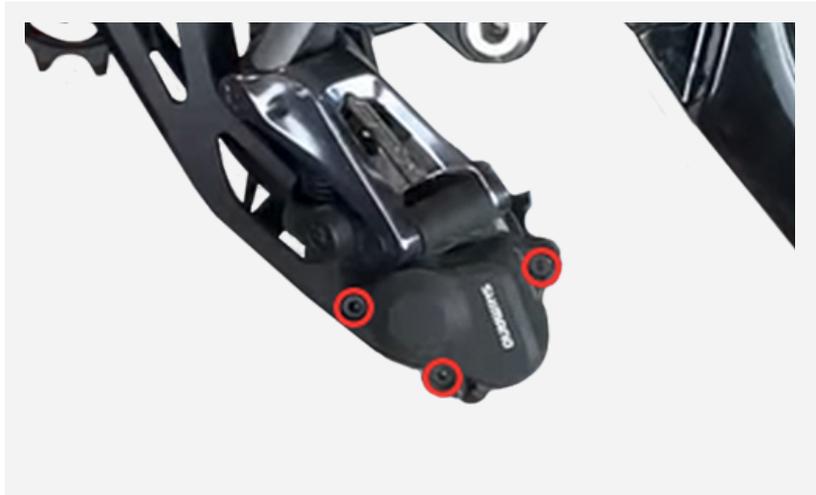


STEP 1

1. Remove the rear wheel of your bike.
2. Remove the chain by using the chain remover.
3. Shift your derailleur to the biggest sprocket.



4. Unscrew the 3 screws circled in red in the photo by using the 2mm Allen key.



5. Then remove the cover.
6. Remove the seal and keep it for a later step.

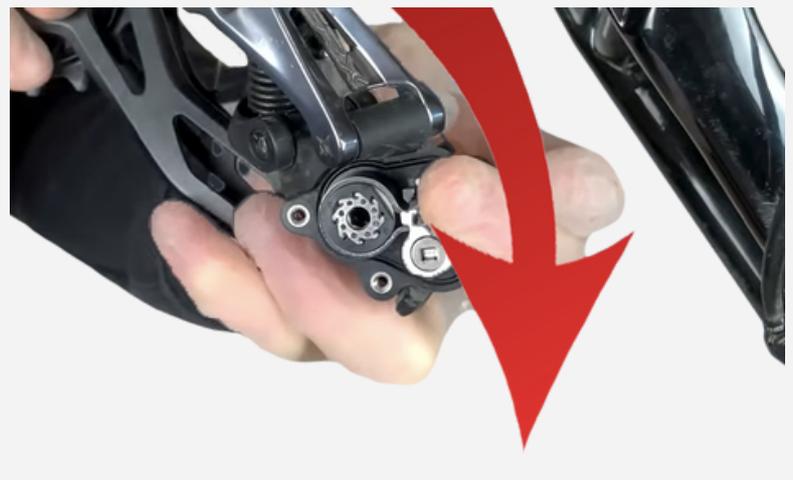


STEP 2

1. Unscrew the central axle by using the 4mm Allen key.



2. Hold the Shimano cage firmly and twist it clockwise to remove it.



3. Remove the seal and the spring and keep them for later.



STEP 3

1. Unscrew the stopper (circled in red) by using the screwdriver.



2. L Low = Increases performance and lower chain tension
H High = Better shifting and higher chain tension
3. Take the Nova cage and put the spring rod (circled in blue) into one of the holes circled in red.



4. Place the seal (circled in red) as in the picture



STEP 4

1. Insert the Nova Ride cage into the derailleur.



2. Hold the cage securely in the derailleur and screw the central axle by using the 4mm Allen key.

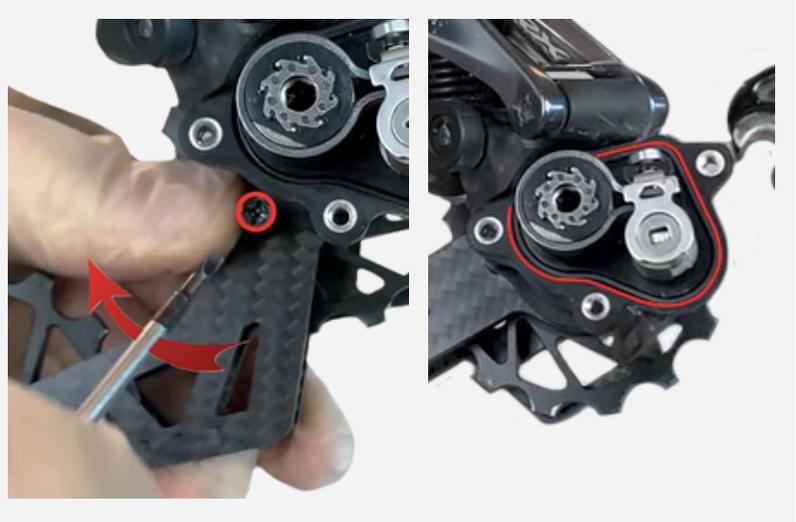


3. Rotate the cage counter-clockwise to tension it.
4. Rotate it until it is in the position as in the right picture.



STEP 5

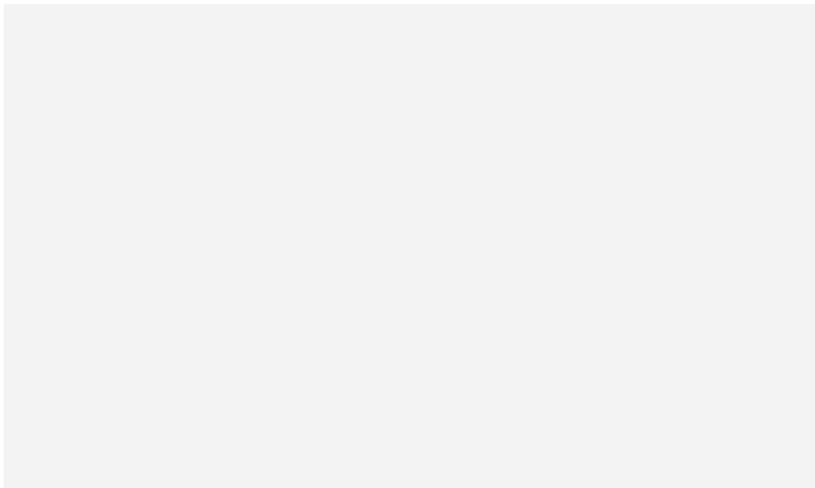
1. Screw back the stopper
2. Check that the cage is under tension when you move it, if the cage returns badly unscrew a quarter of a turn until you have an optimal return of the cage.



2. Replace the cover and screw the 3 screws using the 2mm Allen key.



3. Shift your derailleur back down to the smallest sprocket.
4. Reinstall your rear wheel.
5. Then refer to the next page for your chain length and derailleur adjustment.



LAST IMPORTANT SETTINGS

To ensure the best riding performance make sure that your new Nova Ride Carbon Ceramic Derailleur cage is mounted correctly.

You can follow the next instructions below or watch our YouTube video tutorial "How To Calculate The Correct Chain Length and Set-up the Gear Shifting": <https://www.youtube.com/watch?v=r1z0D6rfHJA>

CHAIN LENGTH ADJUSTMENT STEPS :

1. The chain length changes because the Nova Ride pulley wheels are bigger. So, it is strongly recommended to use a new chain. We recommend adding 3 to 5 links to your previous chain.
2. Put the chain on the smallest sprocket of your cassette and on the smallest chainring of your crankset.
3. In this configuration, the stopper must not be in contact with the derailleur body. Make sure to let around 1 to 3 millimeters between the two parts.

NOVA RIDE CCD CAGE AND DERAILLEUR ADJUSTMENT STEPS:

1. Put and hold your Nova Ride carbon cage perpendicular to the ground.
2. Then, set with the tension screw the derailleur b-limit gap so that the teeth of the biggest cassette gear is around 5 millimeters from the upper wheel's teeth of your Nova Ride CCD.
3. Now to finish the installation, you only need to check and re-adjust the indexation of your derailleur, this regarding to the Shimano standard and advice.

You are now ready to go! Enjoy your ride with your new Nova Ride Carbon Ceramic Derailleur.

You can review us on Trustpilot : <https://www.trustpilot.com/review/novatoride.com>

MAINTENANCE

No set of rules can be made for how often your part have to be maintained. Our sealed bearings are protected with the alloy covers and enable a longer lifespan. We designed these parts in a way that you will not have to worry about maintenance or technical issues. No lubricants or grease are required to put on the bearings. During your rides, dirt may get between the cover and the bearings, you can remove it with water or a degreaser.

Please note that these are dry bearings, so do not use any lubricant.

WARRANTY TERMS

Nova Ride warrants all products to be free from defects in materials and workmanship. The warranty is effective from the original date of purchase. The warranty covers all Nova Ride products. It is non-transferable and valid to the original purchaser of the product only.

Ceramic Pulley Wheels & Carbon Ceramic Derailleur : 4 years warranty

Any Nova Ride product found to be defective in materials and/or workmanship will be repaired or replaced at the discretion of Nova Ride. It is the sole responsibility of the product's user to inspect and examine the product on a regular basis to determine the need for correct maintenance or replacement.

Not covered under the warranty program : Products determined to be tampered with, modified or neglected, products that have been misused, products in lack of maintenance, products that are subject to normal wear and tear, products affected by a crash or sudden obscure impact, products damaged due to improper installation/reinstallation, products used for any purpose other than the intended use and second hand purchased products.

Fully ceramic sealed bearings so indeed there is no risk of oxidation.

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