

Installation guide

CARBON CERAMIC DERAILLEUR EVO SRAM

for SRAM RIVAL / FORCE / RED AXS 12 speed derailleurs.



TOOLS NEEDED

1. Hex Allen Keys (2 / 2,5 / 5 mm)
2. Chain remover
3. Nova Ride Tool provided
4. New chain



INSTALLATION VIDEO

For installation tutorial video, please follow the instructions in the "How To Install your Carbon Ceramic Derailleur for Sram" 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.



INSTALLATION STEP BY STEP

1. Shift the derailleur to smallest sprocket.



2. Remove the chain by using the chain remover.



3. Remove the rear derailleur by using the 5mm Allen key.

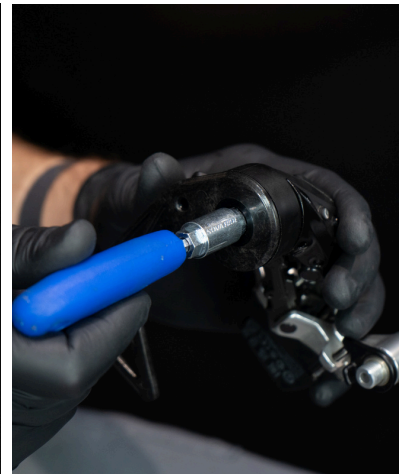


4. Unscrew the two wheels from the Sram derailleur cage with a 2,5 millimeters allen key.



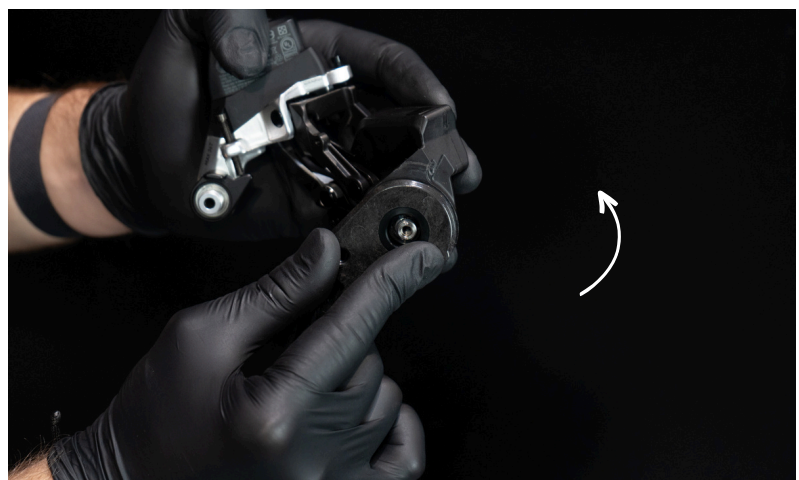
5. Loosen but do not remove completely the main central nut with the Nova Ride tool and a 5 millimeters hex key.

PLEASE NOTE, the cage is under tension, so you have to hold it well.



6. Rotate the stock front cage counterclockwise until there is no more tension, then remove the central nut and the original cage.

Set the spring and the central nut aside to reuse them later.



7. Take your Nova Ride cage and identify the tension holes associated with your derailleur reference.

Force / RED derailleurs :

Top hole = Better shifting.

Middle hole = Recommended tension hole.

Bottom hole = Helps improve performance.

Rival derailleur :

Top hole = Better shifting.

Bottom hole = Helps improve performance.



8. Disassemble the Nova Ride cage by using the 2 and 2.5 mm Allen keys.

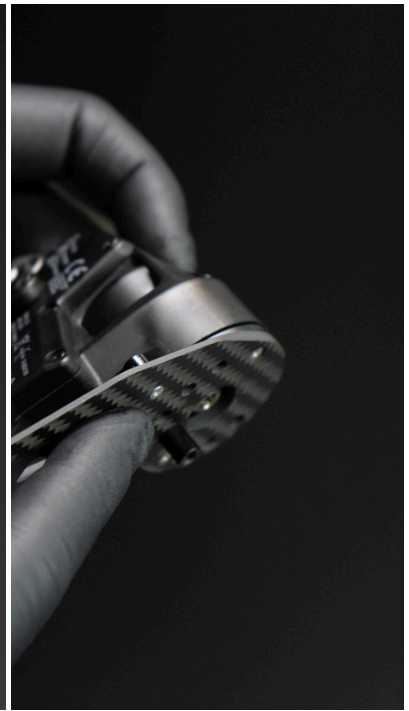
Remove the 3 screws, the carbon back plate, the 2 pulley wheels, the 4 covers and the 2 custom black screws.



9. Take the front of your new Nova Ride cage and identify the **stopper** and the **D shape** on the axle.

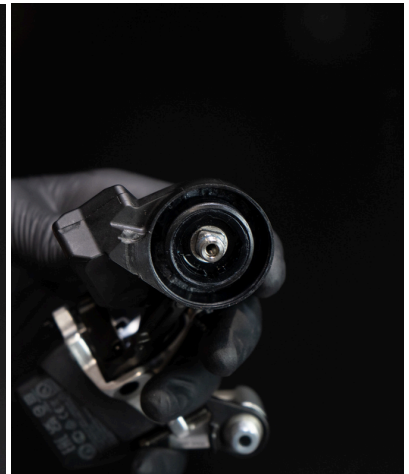


10. Take derailleur and insert it with **D shape** against **D shape** in your new Nova Ride cage.



11. Rotate the cage clockwise until it touch the derailleur body.

12. Then remove the derailleur from the cage. The D shape should be in this position.



13. Place the spring into the original derailleur body.



- 14.** Take your Nova Ride carbon front plate and insert the spring into the middle tension hole in the axle as pictured.



- 15.** Rotate the cage clockwise, hovering over the D interface while passing over the derailleur stop.

Continue until you feel the cage clip into the D interface.

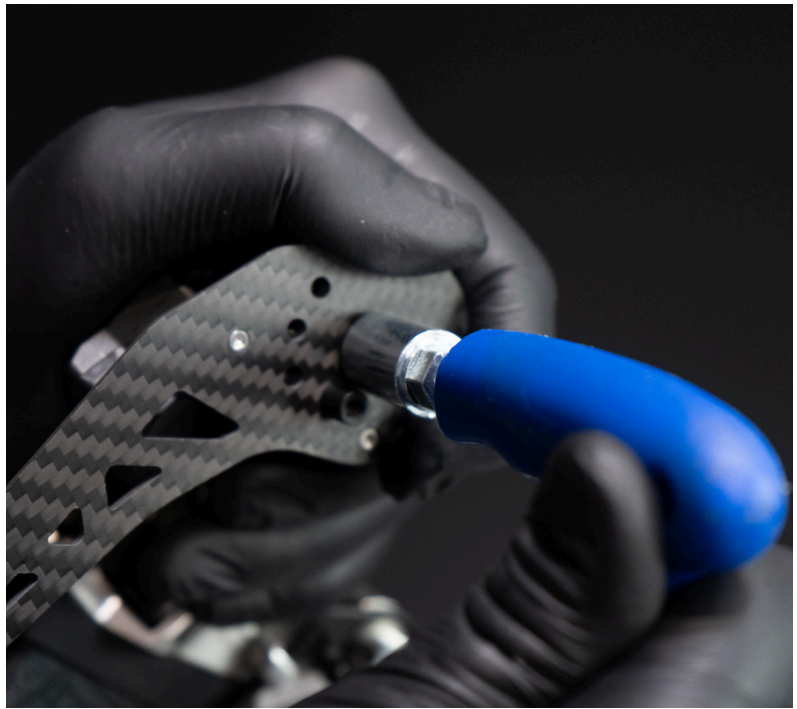
PLEASE NOTE, the cage is under tension, so you have to hold it firmly.



- 16.** Tighten the nut, by hand first with the Nova Ride tool provided.



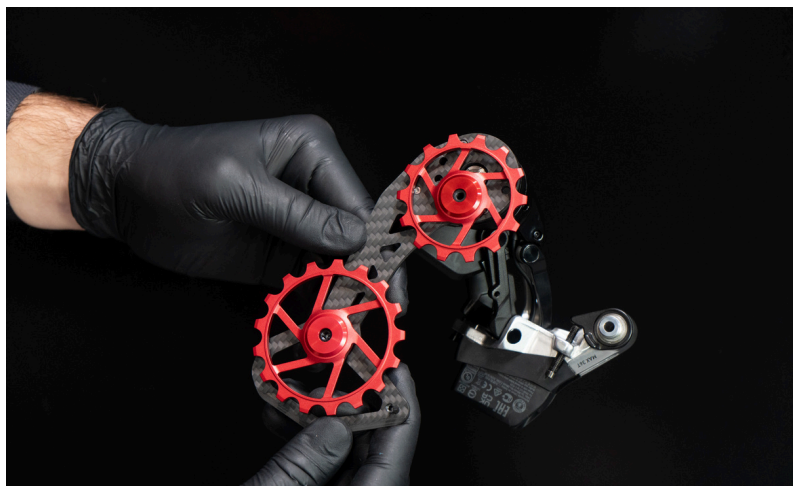
- 17.** Then finish tightening the central nut with the Nova Ride tool provided and a 5 mm hex key, with a torque of 6 Nm.



- 18.** Put back the two custom black screw (3 and 4 mm hex key) on the carbon front cage.



- 19.** Then reinstall the 14T pulley wheel on the upper part of the cage and the 17T pulley wheel on the lower part.



20. Apply threadlock inside of each of the three black screw holes.

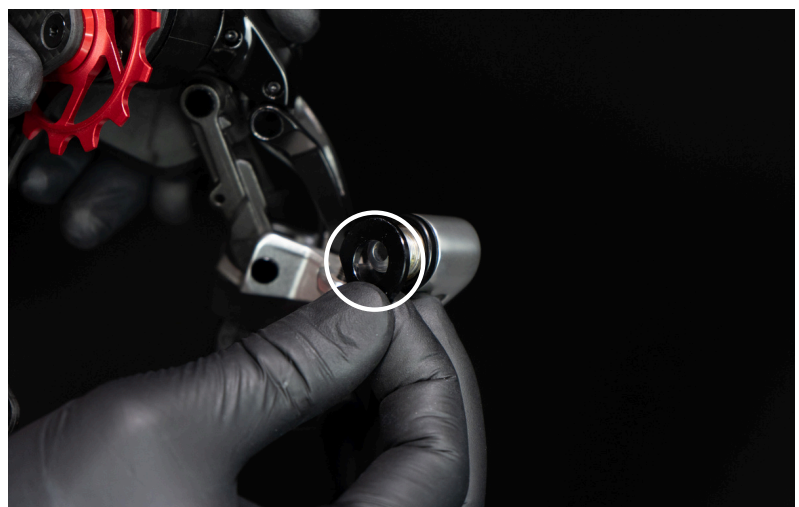


21. Screw back the two 2,5 mm hex key screws, and the one 2 mm hex key screw.



22. This spacer moves the derailleur from the frame and allows to reach the right position of the cage compare to the cassette.

Put the spacer between the derailleur and the derailleur hanger.



- 23.** Reinstall the original derailleur on your bike, and if it is no longer there, then reposition your derailleur on the smallest cog.

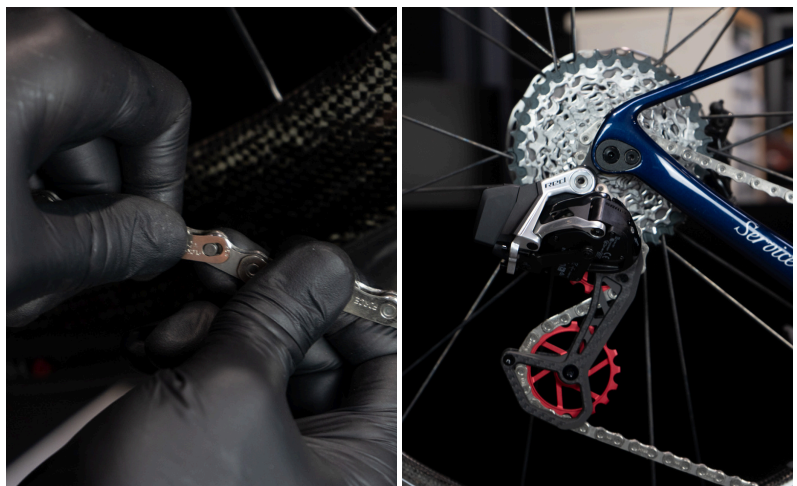


- 24.** Your chain length will change because the Nova Ride pulleys are larger. It is therefore highly recommended to use a new chain. **We recommend adding 2-4 links compared to your previous chain.**

Insert your new chain into the Nova Ride derailleur cage.



- 25.** Reinstall the quick release and your rear wheel.
- Shift to the smallest chainring on your crankset. In this configuration, the stopper of your Nova Ride cage should not be in contact with the body of the derailleur. Be sure to leave about minimum 2 to 3 mm between the two.



LAST IMPORTANT SETTINGS

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

NOVA RIDE CCD CAGE AND DERAILLEUR ADJUSTMENT STEPS:

1. Shift your derailleur to the largest cog.
2. Set with the tension screw the derailleur b-limit gap so that the teeth of the biggest cassette gear is around 5 mm 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.

MAINTENANCE

There is no set of rules as to how often your CCD Aero should be serviced. Our aluminum pulley wheels have little wear compared to standard plastic rollers. Our fully ceramic dry bearings protected by aluminum covers allow for a longer service life. We have designed these parts so that you do not have to worry about maintenance or technical problems. No lubricant or grease is needed in our bearings. During your rides, dirt can get between the covers and the bearings, you can remove it with water or a degreaser. Our bearings are fully ceramic (cage and balls), so no risk of oxidation.

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

WARRANTY TERMS

Nova Ride warrants all of its products to be free from defects in materials and workmanship. The warranty is effective from the date of original purchase and covers all Nova Ride products.

The warranty is not transferable and is only valid for the original purchaser of the product.

Warranty duration:

Aluminum wheels, carbon cage and fully ceramic dry bearings guaranteed for 4 years.

Any Nova Ride product found to be defective in materials and/or workmanship will be repaired or replaced at Nova Ride's expense. It is the sole responsibility of the user of the product to inspect and examine the product regularly to determine the need for proper maintenance or replacement.

Not covered by the warranty program:

- Products subject to normal wear of bearings.
- Products deemed to be altered, modified or neglected.
- Products lacking maintenance.
- Products affected by a crash or sudden shock.
- Products damaged due to improper installation or reinstallation.
- Products used for purposes other than their intended use.
- Products purchased second-hand.

All warranty cases will be determined solely after review by Nova Ride. Each case will be reviewed individually by Nova Ride. This warranty program applies worldwide and does not differ from country to country.

Once a warranty claim is submitted and Nova Ride agrees to proceed, the product must be returned along with the original proof of purchase. All shipping costs associated with the warranty claim must be covered by the user. All shipping costs must be paid by the user filing the warranty claim. The return address will be communicated to you during your exchange with Nova Ride.

If a defect is found, our sole liability and your sole remedy will be, at our option, the repair or replacement of the Nova Ride product free of charge. Return shipping to the user is handled by Nova Ride and is automatically to the address indicated on your order form. In the event of a change of postal address, please let us know during your first exchanges with Nova Ride.

READY TO
PUSH YOUR LIMITS.



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