



# Installation guide

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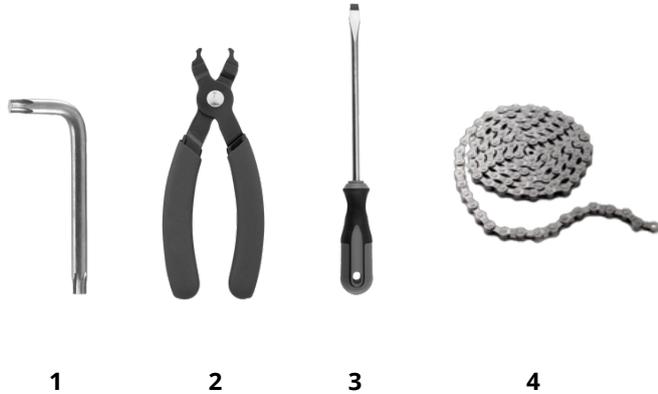
## **CARBON CERAMIC DERAILLEUR EVO SHIM**

for ULTEGRA (R8150) / DURA-ACE (R9250) 12 speed derailleurs.



## TOOLS NEEDED

1. Torx T10 key
2. Chain remover
3. Flathead screwdriver
4. A new chain



## INSTALLATION VIDEO

Follow the instructions in the video "How To Install your Carbon Ceramic Derailleur for Shimano | Nova Ride" to properly mount your new cage on our Nova Ride Youtube channel.

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



# INSTALLATION STEP BY STEP

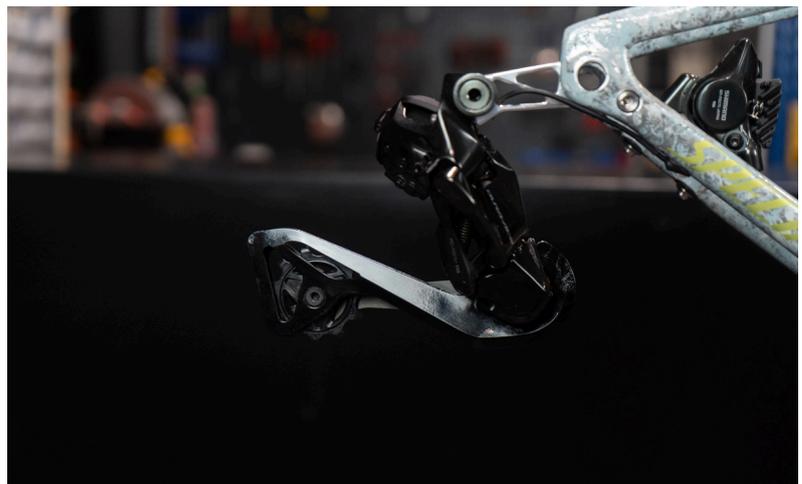
1. Remove your chain using a chain remover.



2. Remove the rear wheel from your bike.



3. Place your derailleur on the largest cog.



4. Unscrew the derailleur screw using a T10 Torx key while firmly holding your original cage.



5. Rotate the original derailleur cage clockwise.



6. Once there is no more tension, remove the original cage from the derailleur and keep the seal and spring for steps 8. and 9.



7. Take your Nova Ride derailleur hanger and unscrew the stopper circled in white using a flathead screwdriver.



8. Take your Nova Ride derailleur hanger and insert the spring into the middle tension hole as pictured.

Top hole = Better shifting.

Middle hole = Recommended tension hole.

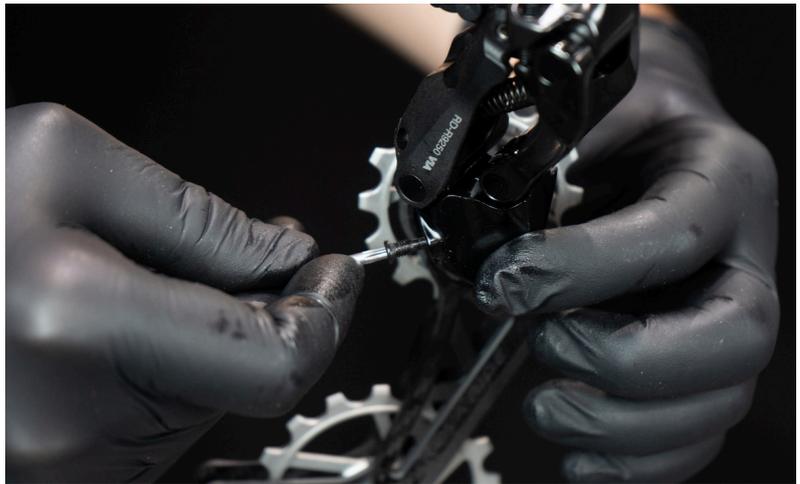
Bottom hole = Helps improve performance.



9. Place the seal on the spring in the same direction shown in the photo.



10. Place the Nova Ride derailleur cage into the derailleur and tighten the derailleur screw using the T10 Torx key.



11. Rotate the Nova Ride derailleur cage counterclockwise until you notice the stopper thread circled in white.

12. Then, screw the Nova Ride stopper back in using a flat screwdriver.



13. Then reposition your derailleur on the smallest cog.



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

Insert your new chain into the Nova Ride derailleur cage.



**12.** 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

No set of rules can be made for how often your part have to be maintained. Our sealed bearings protected with alloy covers 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. Fully ceramic sealed bearings so indeed there is no risk of oxidation.

Please note, they 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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