



Mounting and Maintenance

OSPW RS for Campagnolo Super Record Wireless

CeramicSpeed

Maintenance

No set of rules can be made for how often your Oversized Pulley Wheels are to be maintained. Maintenance frequency depends on the weather conditions that you are riding in.

A worn chain will increase the wear on the pulley wheels significantly, so make sure that you change your chain before it is completely worn out.

We recommend the use of CeramicSpeed Oil on the OSPW RS system. This can be purchased from the CeramicSpeed dealers worldwide or from our webshop. Watch our maintenance video on ceramicspeed.com in the Support section.

For the **ALPHA Disc pulley with ADR**, maintenance of the bearings should occur at least one to two times per year, every 10.000 km/6.000 miles in normal conditions, or every 5.000 km/3.000 miles in extreme or harsh conditions. Remove the back side cage plate & both pulleys to clean all components thoroughly. With the ADR shields removed, carefully remove the bearing seals and flush the bearings following the UFO Bearing Cleaner instructions. Apply a few drops of UFO Pulley Oil and reinstall the pulley seals. Take careful note of the rotation direction of the pulleys with ADR when reinstalling into the cage. The cage tower bolts are torqued to 1,5Nm

For the **5-Spoke alloy pulleys**, maintenance of the bearings should occur at least two to three times per year, every 5.000 km/3.000 miles in normal conditions, or every 3.000 km/1.800 miles in extreme or harsh conditions. Remove the back side cage plate & both pulleys to clean all components thoroughly. Carefully remove the bearing seals and flush the bearings following the UFO Bearing Cleaner instructions. Apply a few drops of UFO Pulley Oil and reinstall the pulley seals. Take careful note of the rotation direction of the pulleys when reinstalling into the cage. The cage tower bolts are torqued to 1,5Nm.

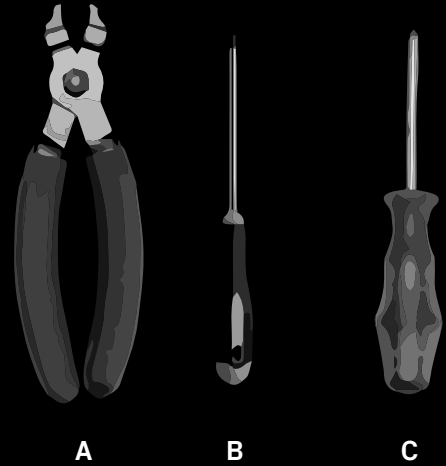
Tools required

For the installation of your new CeramicSpeed OSPW RS for Campagnolo Super Record Wireless, you will need the following tools:

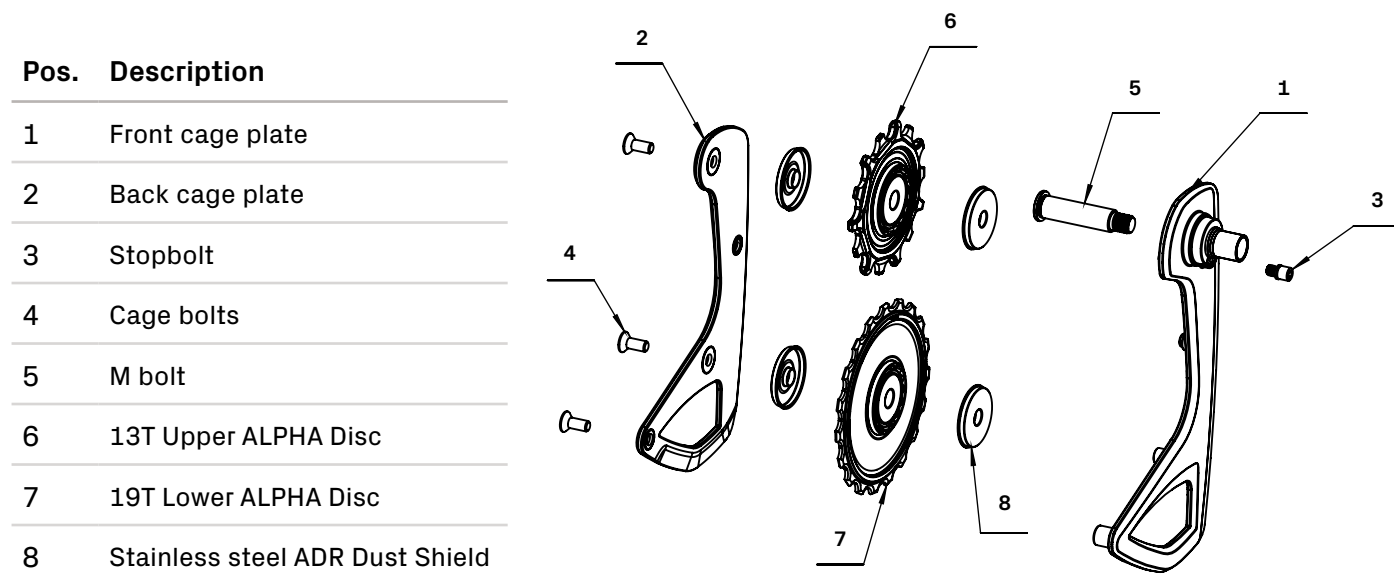
A: Chain Tool

B: T10 Torx® Screwdriver

C: Philips screwdriver no. 2



Mounting the CeramicSpeed Oversized Pulley Wheel System RS for Campagnolo Super Record Wireless



NOTE:

- 5-Spoke alloy pulleys have stainless steel bushing to fit pulley posts.

Mounting Manual

To ensure the very best in riding performance it is vital that your new OSPW RS System is mounted correctly. Follow these instructions to install your OSPW RS System for Campagnolo Super Record Wireless.

1



Begin with your bike mounted in a stand. Shift to the middle of the cassette (6th smallest rear cog), remove the wheel and remove the chain.

2



Using the proper tool, remove the original upper pulley wheel and loosen the lower pulley wheel bolt.

3



While holding the cage stable, use a torx 20, and unthread the mounting bolt to remove the cage. The spring will still be under tension and shall be carefully unwound clockwise once the cage is beyond the rotation stop tower.

4



You will reuse the stock cage spring and small bushing. Set aside the stock cage & pulley assembly.

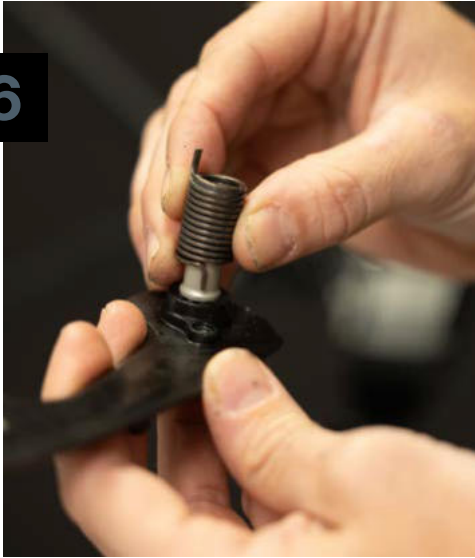
5



Unpack the OSPW system and disassemble the cage by removing the three 2,5mm bolts. Additionally, remove the rotation stop screw from the front of the cage. Set aside the back cage plate, three cage bolts, both pulley wheels with ADR dust shields, and rotation stop screw.

Note: The three spring tension settings on the OSPW RS cage: from H (high) to L (low). The L tension setting will reduce both chain tension and friction, but may result in slightly compromised shifting performance. The H tension setting will deliver the highest frictions levels but deliver the strongest chain retention for rougher roads or mixed surfaces.

6

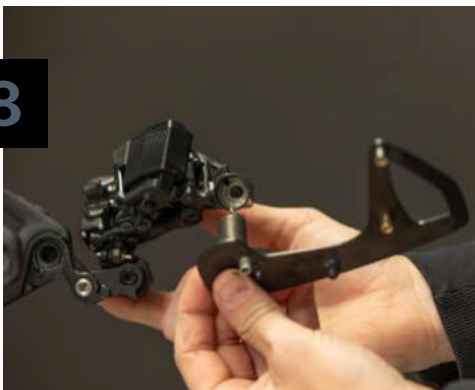


Apply a thin layer of grease to the included mounting bolt and place it through the front cage plate from the back side. Place the stock spring over the mounting bolt and insert the end into the desired spring tension hole on the OSPW RS cage. Set the stock bushing over the mounting bolt with the larger inner diameter towards the cage.

7



8



Insert the OSPW RS cage to in the derailleur body and align the end of the spring with the spring hole in the derailleur body. Tighten the mounting bolt to 4,5 Nm.

9



Wind the OSPW system counter clockwise to apply spring tension until the cage is pointed down and forward, and install the rotation stop screw with a 2,5mm hex to 1,5Nm.

10



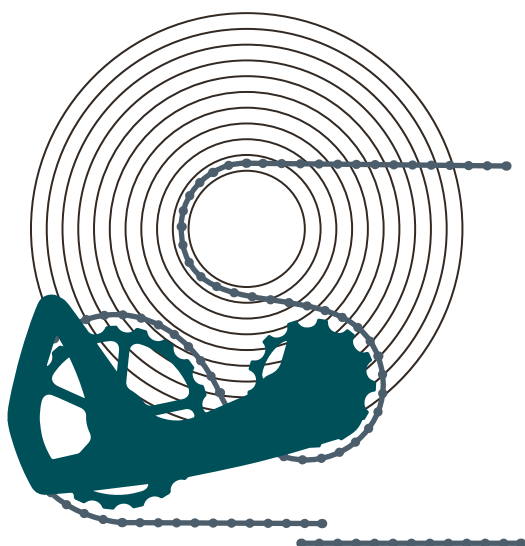
Once the cage is secured, ensure the cage pivots freely and the spring tension pulls it backwards properly.

Shift the derailleur down to the bottom (where the smallest cog would be) and install the ALPHA disc pulley wheels with ADR dust shields on both sides, and back cage plate. Torque the three cage bolts to 1,5Nm.

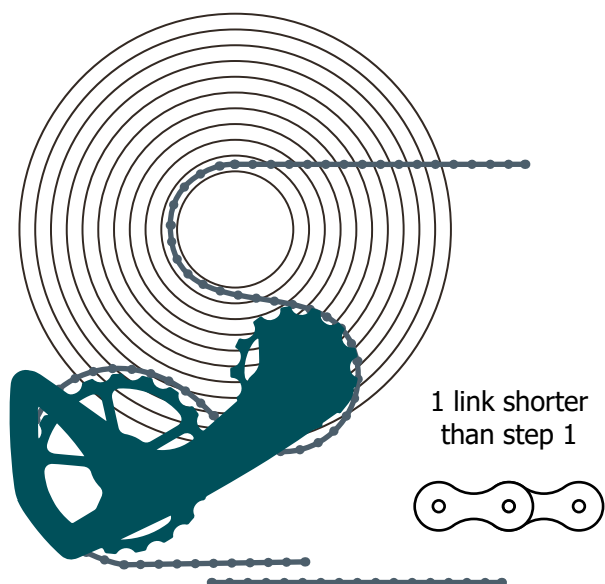
Chain length

Test the present chain length acc. to the description below.

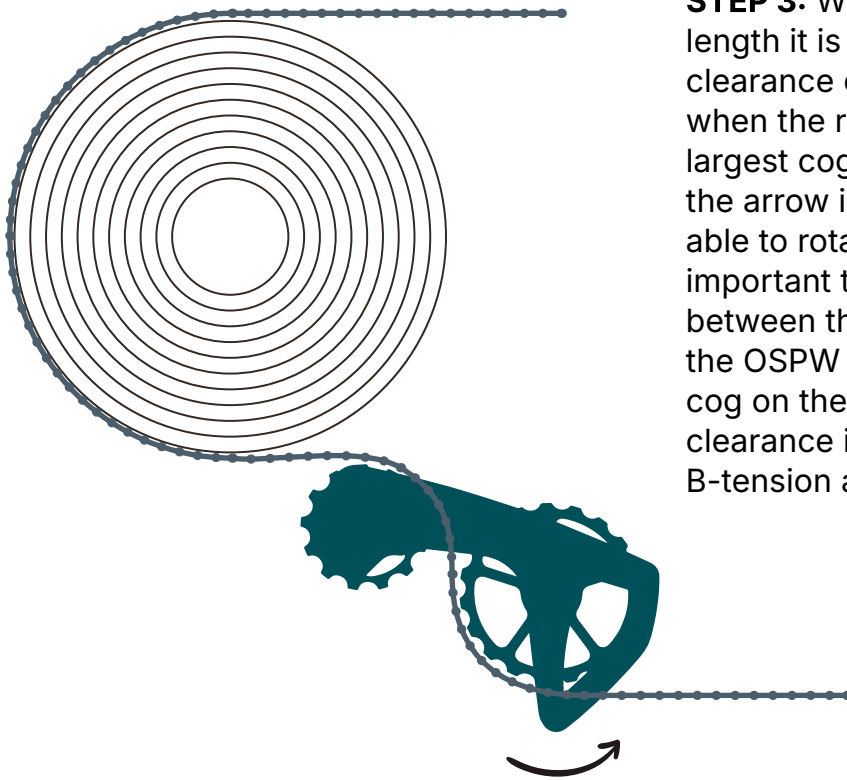
If it turns out to be necessary to change the chain length, follow the description below.



STEP 1: Place the chain on the smallest cog on the cassette and the small front chain ring. To find the correct chain length, pull the two chain ends together, just as you would when needing to cut a chain to length. The lower part of the cage should start to move downwards, away from the cassette, as referenced in the second image.



STEP 2: When tension is applied on the chain and the OSPW RS System appears to be aligned as the diagram on the left, the chain needs to be cut (1 link shorter than step 1) and connected by the required amount of links in order to achieve sufficient tension in this gear combination (always the small cog on the cassette).



STEP 3: With the chain now cut to length it is important to test the clearance of the OSPW RS System when the rear derailleur is set in the largest cog on the cassette. Just as the arrow indicates the cage should be able to rotate counter clockwise. It is important that there is some clearance between the upper pulley wheel of the OSPW RS System and the largest cog on the cassette. If you find the clearance is not enough, adjust the B-tension accordingly.

CERAMICSPEED

Up to a Lifetime warranty

Thankfully, we do not have to deal with warranty issues often. Nevertheless, we are happy to introduce you to our comprehensive warranty program.

Standard products 4 years

Bottom Brackets

Pulley Wheels

Wheel Kits

Headsets

Oversized Pulley Wheel Systems

Single Bearings

Lifetime warranty products

Coated Bottom Brackets

Coated Pulley Wheels

Coated Wheel Kits

Coated Headsets

Coated Single bearings

SLT OHD Headsets

SLT OPD Pivot bearings

Coated OSPW Systems

ALPHA Disc OSPW Systems

All OSPW Cages

We are committed to manufacturing and delivering the best ceramic bearing products in the industry. Should your CeramicSpeed product not live up to your expectations, and this is caused by defects in materials and/or workmanship, we encourage you to contact us.

Register your product within the first 30 days of purchase by clicking [here](#) or go to ceramicspeed.com/cycling under the section Support. Should you thereafter, and within the warranty period need to file a claim, please return to the same section on our website and fill in your claim. We will always strive to revert to you concerning your claim within 24 hours.