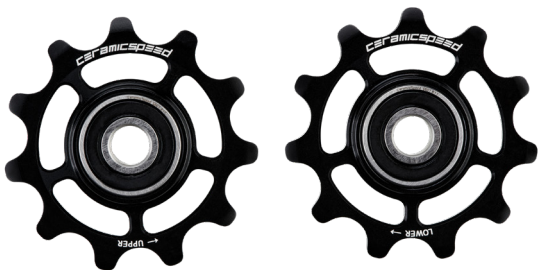

Installation of

CeramicSpeed 11 tooth pulleys

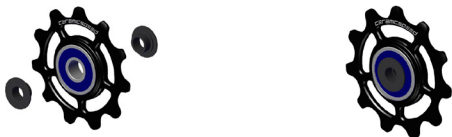
For Shimano 12 speed Dura Ace 9250, Ultegra 8150, and 105 7150 derailleurs



For Dura Ace 9250 derailleurs, place the round center bushing inside each pulley bearing as shown.



For Ultegra 8150 and 105 7150 derailleurs, place the flanged spacers on both sides of each pulley bearing as shown.



To install, remove the upper pulley bolt, and set aside the pulley and dust shields. Place the CeramicSpeed pulley marked 'upper' and a clockwise rotational arrow with the etching facing away from the wheel and replace the stock pulley bolt to a torque of 3Nm. Repeat the process for the lower pulley, showing a counter-clockwise rotational arrow, with the etching facing away from the wheel. Both arrows should rotate forward when the drivetrain is pedaled forward.

Maintenance

No set of rules can be made for how often your 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. Under normal conditions, we recommend that you service the Pulley Wheels when you have ridden under wet conditions, washed your bike or each time you lubricate the chain. For normal maintenance, add a few drops of oil along the edge of each bearing while slowly rotating the drivetrain/pulleys.

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

Extended Maintenance

Approximately once every half a year depending on the conditions, we recommend that you perform an extended maintenance. In this case, you remove the pulleys from the cage, remove the seals from both sides and clean all parts in a shaker with degreaser. After cleaning, dry the components off, put two drops of oil onto the CeramicSpeed Balls, place the seals back on and reinstall the pulleys. If you're riding in wet and muddy conditions, we recommend you perform an extended maintenance more frequently and replace oil with All Round Grease for better protection.