Specification Check

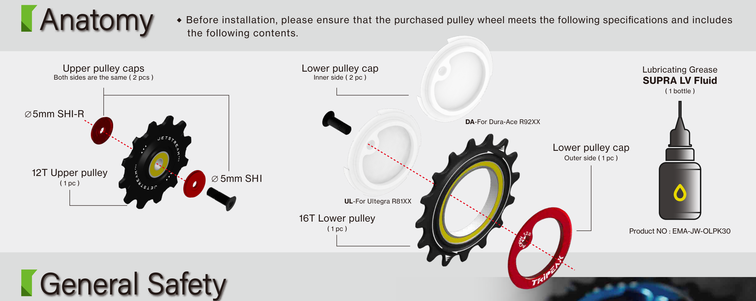
- **Compatible Rear Derailleur Models**

Shimano Dura-Ace R92XX

Shimano Ultegra R81XX

Anatomy

- Before installation, please ensure that the purchased pulley wheel meets the following specifications and includes the following contents.



General Safety

- Please follow the steps in this manual to install AOPW. If you lack the necessary skills or experience, it is recommended to have the installation done by a professional bike shop.
- **As chain alignment may vary under different gear combinations, the use of big–big gear combinations (largest front chainring with the largest rear sprocket) is not recommended, as it may result in noise or component interference.**
- After applying lubricant, the pulley wheel's free-spinning performance may not be as long-lasting as it was without lubricant. This is normal and does not affect the rotational performance after installation.
- Do not alter this product in any way, as it can cause unseen damage. Any modifications to this product will void the warranty.
- After installation, please recheck that all parts are securely installed and that the operation is smooth and normal, ensuring riding safety.
- When cleaning the AOPW, use only mild soap and water. Never spray with high-pressure water, as this may cause water ingress into the pulley bearings, negatively affecting their rolling lifespan.
- If you have any questions or concerns about this product, Please feel free to contact us. E-mail:info@tripeakbearing.com

Required Tools

Safety Glasses | Gloves | Bike Stand

PROTECTION SUPPLIES

Hex Key Set | Torx Key Set | Torque Wrench | Chain Plier | Water-Based Cleaner | Lubricating Grease

OPERATING TOOLS

Pulley Wheel Installation

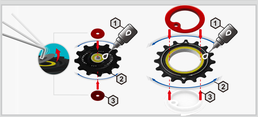
1

Secure the bike to a repair stand, remove the rear wheel, use a chain plier to remove the chain.

2

Remove the upper and lower pulley caps of the AOPW. Apply one drop of TRiPEAK SUPRA LV Fluid to the bearing, then rotate it to evenly distribute the lubricant. Reinstall the pulley caps.

⚠ **There's no need to remove the seal on the pulley. Our SUPRA LV Fluid lubricant will seep into the bearings through the gaps.**



3

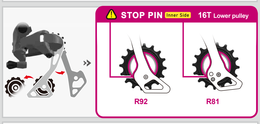
Use a hex or Torx wrench to remove the upper pulley from the original derailleur (select the tool according to the original screw type). Install the AOPW upper pulley, making sure the side with the text faces outward, then gently tighten the screw.

⚠ **For Dura-Ace and Ultegra models: Refer to the illustration to select the appropriate 5 mm hole pulley side cap (Dura-Ace and Ultegra use different inner side caps), and replace the original screw with the included one.**

4

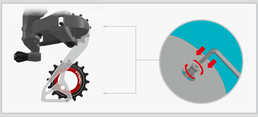
⚠ **Select the appropriate aero lower pulley cover according to your derailleur model**
— DA for Dura-Ace UL for Ultegra

Remove the original lower pulley from the derailleur. When installing the AOPW lowerpulley, align the inner aero cover with the inner cage plate as shown in the illustration. After fitting the 16T pulley's outer cover, align the cage holes with the pulley and use the included screw to securely fasten the pulley in place.



5

Tighten the upper and lower AOPW pulley fixing screws to the torque value recommended by the derailleur manufacturer.



6

Reinstall the chain, check and adjust the limit screws and B-tension screw if necessary, and ensure proper chain length to complete the installation.

Maintenance

- For maintaining and servicing Jetstream PRO AOPW, Please follow this manual, or have it serviced by a professional bike shop.
- Regular maintenance is recommended every 6 months or after washing your bike. If you ride in harsh conditions (wet, dusty, extreme temperatures, etc.),it is advisable to perform maintenance immediately after your ride.
- The Jetstream PRO AOPW features an innovative design with non-replaceable bearings. If the bearings have irreparable issues, the entire pulley wheel should be replaced.
- Do not use high-pressure water jets to clean the AOPW to avoid water infiltration and bearing damage.
- Regularly check the torque value of the fixing screws and ensure smooth rotation. Never ride with a loose pulley wheel.

Reapply lubricant to pulley wheel

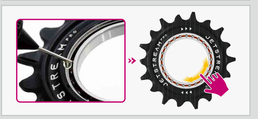
1

Use a small tool to gently pry off the seal from the pulley. Clean the bearings thoroughly with an appropriate solvent to remove old lubricant and debris. Allow them to dry completely.

⚠ **Be cautious not to damage the seals or the bearings.**

2

Apply one drop of TRiPEAK SUPRA LV Fluid to the bearing, then rotate it to evenly distribute the lubricant.



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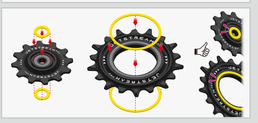
Carefully press the seal back onto the bearing, ensuring it is installed properly and securely. After reassembly, ensure the bearings move smoothly and freely.