

**TOKEN.**



**Shuriken**  
Oversized Pulley System  
TK1739S2 / TK1739R71

## COMPATIBILITY

- Rear derailleur:  
TK1739S2 - Shimano® R9250 (Di2), R8150 (Di2)  
TK1739R71 - Shimano® R7100 (mech.), R7150 (Di2)
- Drivetrain capacity: 16T (chainring) + 25T (cassette)
- Largest (lowest) cog size: 36T

## IMPORTANT NOTICE

- Altering this product could degrade its performance and cause unseen damage. Any modification to this product will void the warranty.
- Your local authorized TOKEN dealer should install, service, and adjust to your Shuriken Oversized Pulley system.
- Follow these instructions carefully. If you have any questions, contact us or your local TOKEN dealer.
- Bolts should be tightened to specific torque – 3N.m for pulley wheel mounting bolts (M5 alu-alloy) and 0.6N.m for cage-bridge bolts (M3 steel).

## WARRANTY

- This product is guaranteed against defects in material or workmanship for five (5) years from the original date of purchase. This warranty applies to the original owner only and is non-transferable.
- The warranty is considered void if resold.
- The warranty does not cover normal wear and tear or damage from abuse.
- Please see our website or contact your local dealer or distributor for more details.

[www.tokenproducts.com](http://www.tokenproducts.com)

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**1**

Remove the rear wheel. Disconnect the chain and remove it from the bicycle. Shift the rear derailleur to the lowest (largest) gear. Unscrew the pulley cage fixing screw (facing the ground), taking great care not to damage the bolt head when unscrewing as the bolt may have strong anti-loose compound on the thread.



**2**

Hold the stock pulley cage firmly in hand and wiggle it out slowly. After 6mm (1/4") of axial movement, the spring tension is no longer restrained. Carefully rotate the cage clockwise to fully release the spring tension.



**3**

After fully releasing the spring, slide out the stock pulley cage. Retain the returning spring and the ring-shaped plastic cover for later use.

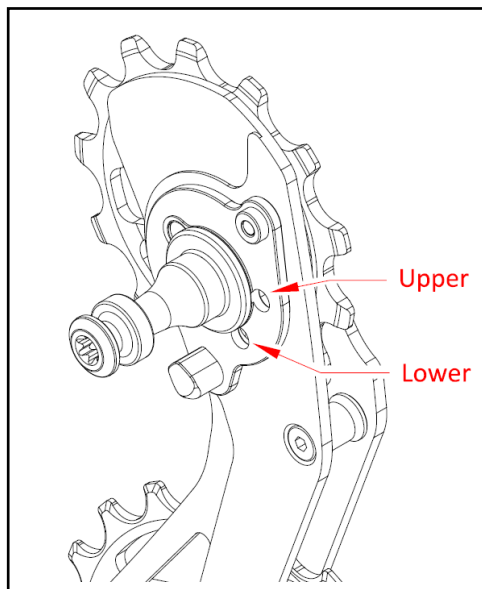


**4**

This step is ONLY for TK1739S2

(For TK1739R71, jump to Step 5)

You can find a stainless-steel shim in the packaging box. For R9250 derailleur, add this shim as shown in the picture for optimal spacing. Do NOT add this shim with R8150 derailleur as it will cause excessive friction thus degrade the performance!



**5**

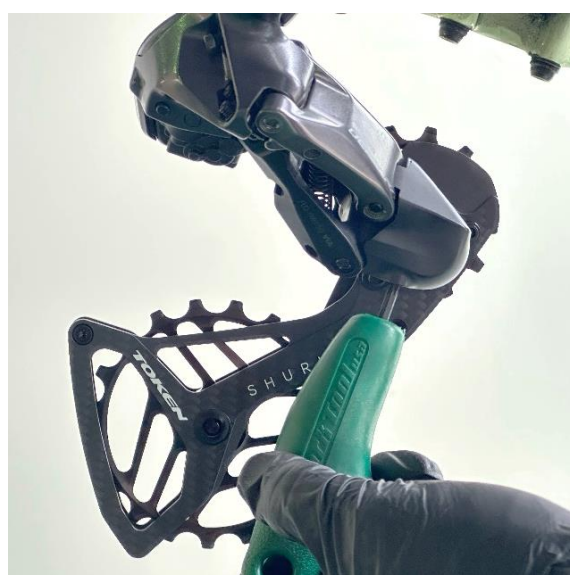
Attach the returning spring and the plastic cover to the Shuriken Oversized Pulley system as shown above. Note the two ends of the spring are different.

When attaching, choose the Upper hole (recommended) for higher chain stability, or the Lower hole for lower drivetrain drag.



**6**

Slide the Shuriken pulley system halfway into the derailleur, taking care to align the spring and the plastic cover with the square slot on the derailleur. Rotate the Shuriken pulley cage counter-clockwise half a turn (180°) to preload the spring, then push the Shuriken system all the way in.



**7**

Install the fixing screw. Reconnect the chain, and add two links if the chain length is not long enough for the big-to-big gear combination. Install the rear wheel, then readjust the rear derailleur following the manufacturer's instructions.



**Installation instruction  
(SHIMANO R9250, R8150)**