



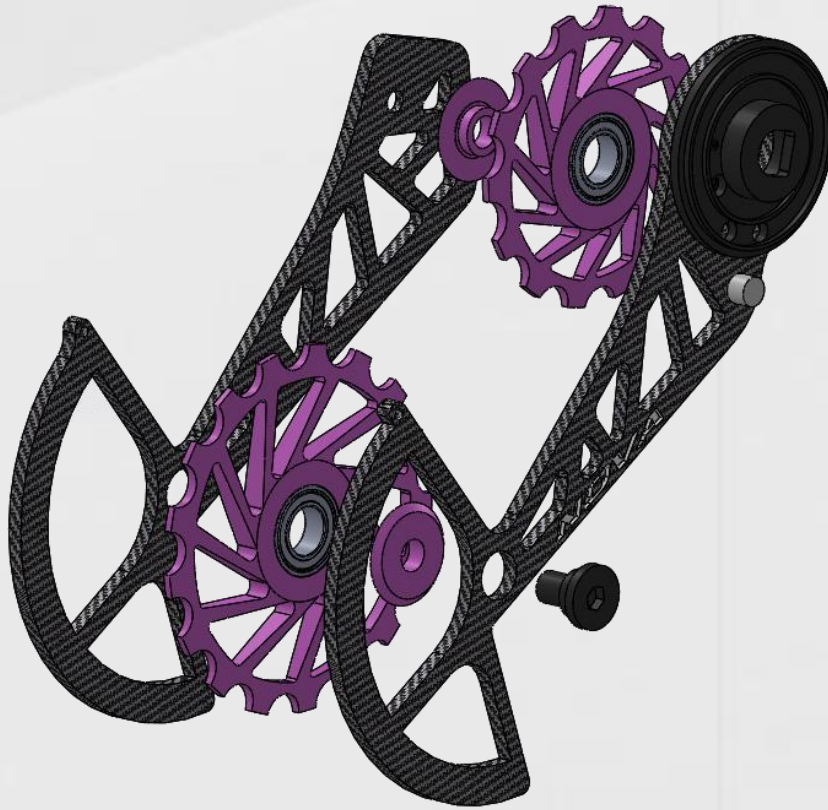
NOVA RIDE
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Mounting Manual

Oversized Pulley Wheel System for Sram AXS Red - Force



General Overview NOVA RIDE OSPW



Tools required

For the installation of your new NOVA RIDE Oversized Pulley Wheel System Sram AXS Red-Force you will need the following tools:

1. Nova Ride 4 prong tool (attached in the box)
2. 4mm Allenkey
3. 5mm Allenkey
4. Chain Tool
5. Torque wrench (3 and 6 Nm)
6. Torque wrench (0.3 and 1 Nm)
7. Marker



Mounting NOVA RIDE OSPW on Sram AXS Red - Force derailleur

Nova Ride provides the highest quality products possible, however, to ensure the best performance it's crucial that the OSPW is mounted correctly. Please take a close look to the following instructions for the installation. Visit the 'Nova Ride' YouTube channel to see the mounting video: <https://www.youtube.com/watch?v=sf3wjjV-NzI>



1. Place your bike mounted in a stand. Remove the chain. Remove the rear wheel. Then shift the derailleur up to the middle gear.



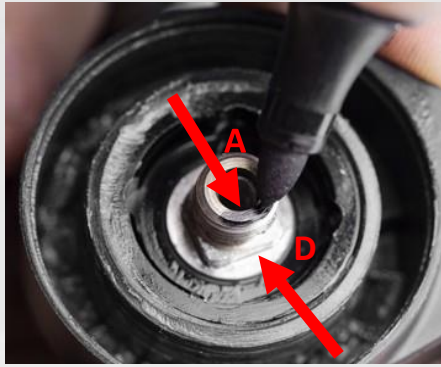
2. Remove the rear derailleur from the bike. Remove both pulley wheels and the back side of the pulley cage.



3. Hold the Sram pulley cage & derailleur, loosen the main center nut with the NOVA RIDE tool. Do not completely remove the mounting nut. When the center nut is loose enough, allow the rotation stop screw to move past the stop point on the derailleur body to release the spring tension.



4. Remove the main center nut and the Sram cage. Set aside the spring and center nut for reuse.



5. Mark the center screw end with a pen to identify the flat surface of the D on the bottom of the center screw (A).



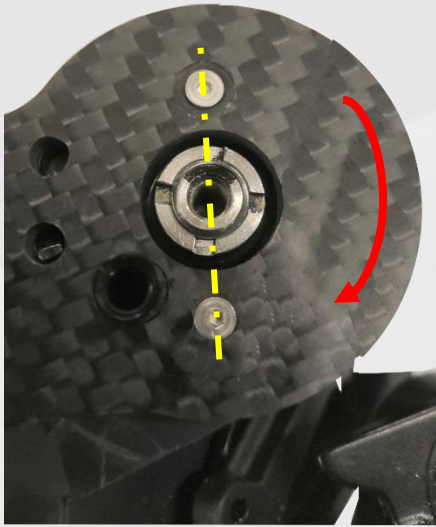
6. Mount the Sram spring back into the derailleur body. Be careful to place the spring post into the correct hole. Note: one hole is deeper than all others (see circle). Ensure the spring sits completely into the derailleur body all the way around.



7. Align the OSPW front cage plate with the back of the derailleur, inserting the spring post into the low (L) tension setting on the cage. Aligning of the D shaped interface will be done later.



8. Mount the cage on the center screw and thread the center mounting nut into place using the provided 4 prong tool. Finger tighten the nut until firm, and then unthread 360 degrees (1 full turn). The D-interface will not be aligned at this point.

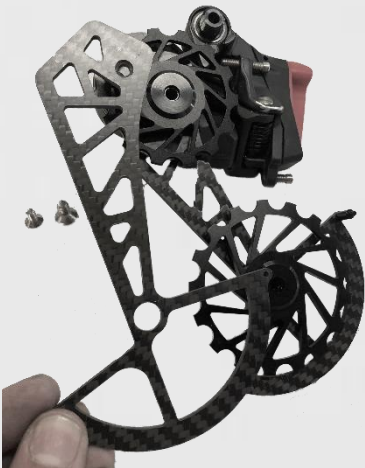


9. Take note of the mark you placed on the center post bolt in relation to the alignment of the top screw on the OSPW cage.

Rotate the cage clockwise (looking at the nut and bolt interface) and ensure that the nut does not rotate or tighten. Rotate the cage until the alignment from the screw on the cage lines up with the mark placed on the threaded post. Once aligned, press the cage against the derailleur body to secure the D interface, you should feel when the cage locks into place. You may need to wiggle the cage slightly to seat the engagement. Using the included 4 pronged tool, secure the center nut to a torque of 6Nm.

Note:

You can confirm the cage is installed completely when the center post threads protrude beyond the head of the mounting nut.



10. Install the 14T pulley wheel on the upper post and the 17T pulley wheel on the lower post of the OSPW cage. Align the back cage on the OSPW and tighten the silver screws on the backside.



11. Install the derailleur on the bike. Shift down to the bottom (smallest sprocket) and install the rear wheel. Measure a new chain and check the upper and lower stop screws as well. Add the b-limit adjustment following the SRAM guidelines: 14mm for a 26T sprocket, 10mm for a 28t sprocket, 5mm for a 33T sprocket.