

USER INSTRUCTIONS AND IMPORTANT SAFETY INFORMATION

See installation video online at www.xlab-usa.com/super-wing

IMPORTANT:

Please completely understand all user instructions and safety information before using this product.

1. Use an accurate torque wrench set at 35 in lbs (4.0 Nm) of torque for all fasteners. Over tightening may damage the **SUPER WING** and void the warranty.
2. As with any high-tech product you need to routinely check the **SUPER WING** for loose hardware, cracks or other damage and replace items as necessary. Do not use product if any of these conditions are found.
3. For 7mm x 9mm oval-shaped carbon rails, a carbon rail adapter kit, available for purchase separately, is required for installation.
4. The Loctite on the screw threads will harden over 24 hours. You can still remove the screws in the future, but the Loctite is a one time use. You can purchase replacement screws with Loctite on the XLAB web store.
<http://xlab-usa.com/spare-parts.html>

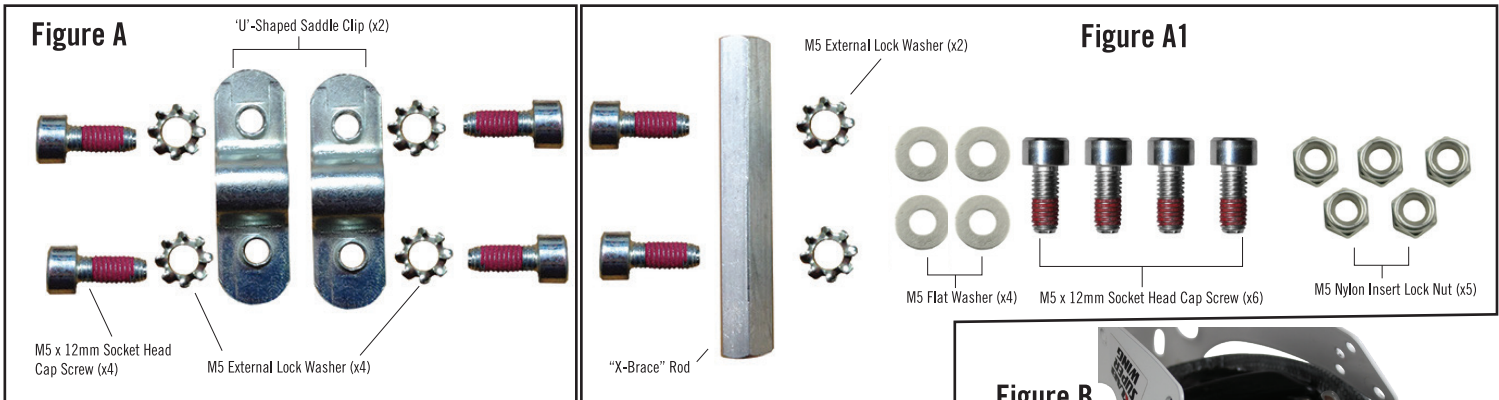
TOOLS REQUIRED:

4mm Hex wrench
8mm Open wrench
Torque wrench



INSTALLING SUPER WING TO SADDLE RAILS (NOTE: For easiest installation, remove saddle from seat post)

1. Mark seat post height with tape placed around the post adjacent to the seat collar, or measure and record height of saddle from crank spindle. Remove saddle and post from bicycle and place upside down on table surface or you can simply remove the saddle from the bicycle.
2. Set out hardware on table per **Figure A** (saddle rail hardware) and **Figure A1** (cage/bag mounting hardware).



3. The front of the **SUPER WING** arms will go around the outside of the saddle rails.
See **Figure B**



4. Place an M5 External Lock Washer on an M5 x 12mm socket head screw. Place it through the hole in the very front of the **SUPER WING** on one of the sides (the largest of the four holes). Place the "U" shaped saddle clip around the inside of the rail and thread the M5 x 12mm socket head screw into the saddle clip. Repeat on the opposite side of the **SUPER WING**. (Do not tighten yet.) See **Figure C**

Figure C



5. There are three possible mounting positions depending on which of the other holes is used to thread into the saddle clip (See **Figure D**). The ideal position for the carrier is to be horizontal and parallel with the ground. Determine which mounting position is preferred by adjusting the **SUPER WING** until the saddle clip lines up with one of the holes on the **SUPER WING**.

Figure D



6. Once you've determined the mounting hole, place an M5 External Lock Washer on an M5 x 12mm socket head screw and thread it into the remaining hole on the saddle clip. Repeat on the other side of the **SUPER WING** using the same mounting hole position. (Do not tighten yet.)
See **Figure E**



CAUTION: AVOID MOUNTING SADDLE CLIP ON RAIL CORNERS. DOING SO MAY CAUSE CARRIER TO SLIP.



Figure F

7. The saddle and **SUPER WING** should look like **Figure F**. Now you can fully tighten the screws using a torque wrench to no more than 35 in lbs (4.0 Nm) of torque.



Figure G

INSTALLING CAGES TO THE SUPER WING

1. Using the top hole on each side of the **SUPER WING**, thread an M5 x 12mm socket head screw through a flat washer, next through the top cage hole and then through the **SUPER WING** side.
*If you are installing bags either into the interior of the **SUPER WING**, or underneath, please see section below "Attaching Bags to the **SUPER WING** carrier." Place an M5 nylon insert lock nut onto the M5 x 12mm socket cap screw on the inside of the **SUPER WING** to secure the top of the cage.
2. Select your ideal bottle cage angle by choosing one of the 4 holes on the bottom on each side of the **SUPER WING**. Thread an M5 x 12mm screw through the flat washer, next through the lower cage hole and then through the **SUPER WING** side and into the "X-Brace". The cage should look like **Figure G**.



Figure H

ATTACHING BAGS TO THE SUPER WING CARRIER - XSW STRAPS

TOP STRAP FOR HOLDING DOWN XLAB MINI BAG.

1. Undo the straps so that you have 2 pieces-the buckle and the short Velcro strap.
2. On the left side of the **SUPER WING** (when looking from the back), insert the bottle cage mounting hardware through the top hole of the **SUPER WING** chassis.
3. Next, thread the eyelet of the buckle strap over the screw on the inside of the **SUPER WING**. The soft Velcro side should be facing the sidewalls. See **Figure H**.
4. Attach one M5 nylon insert lock nut to the screw but do not tighten yet.
5. Now take the short Velcro strap and repeat steps 2-4 above on the right side. See **Figure I**. The soft Velcro side of the Velcro strap should face the sidewall of the **SUPER WING**.
6. Tighten both screws with a torque wrench to 35 in lbs (4.0 Nm)



Figure I



Long Velcro Strap



Buckle

LOWER STRAP FOR HOLDING XLAB MEZZO BAGS.

1. Undo the straps so that you have 2 pieces, the buckle and the long Velcro strap.
2. On the left side of the **SUPER WING** (when looking from the back), thread an M5 socket head screw through an M5 External Lock Washer and through the single hole half way along the side of the **SUPER WING**.
3. Next, thread the eyelet of the buckle piece over the screw on the inside of the **SUPER WING**. The soft Velcro side should be facing the sidewalls of the **SUPER WING**. See **Diagram J**.
4. Attach the included M5 nylon insert lock nut to the screw but do not tighten yet.
5. Now take the longer hook Velcro strap and repeat steps 2-4 above on the right side. The soft Velcro side of the longer piece should face the sidewall of the **SUPER WING** as well.
6. Tighten both screws with a torque wrench to 35 in lbs (4.0 Nm)

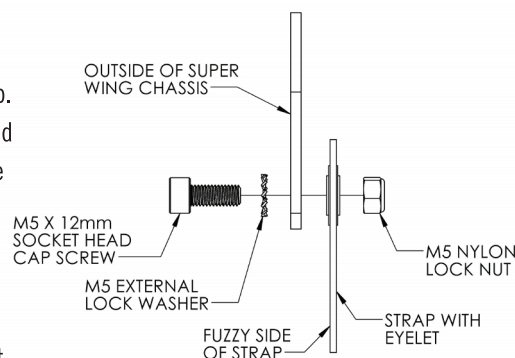


Diagram J



WARRANTY: **SUPER WING** has a 3 year limited warranty. See website for more details.

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