

Installation video online at www.xlab-usa.com/mini-wing-105

TOOLS REQUIRED:

- 3mm non-ball ended Hex Wrench
- 4mm non-ball ended Hex Wrench
- 8mm Open-Ended Wrench
- Torque Wrench up to 15 in lbs (1.7 Nm)
- Torque Wrench up to 35 in lbs (4.0 Nm)



IMPORTANT:

PLEASE COMPLETELY UNDERSTAND ALL USER INSTRUCTIONS AND SAFETY INFORMATION BEFORE USING THIS PRODUCT. AS WITH ANY HIGH TECH PRODUCT YOU WILL NEED TO ROUTINELY CHECK FOR LOOSE HARDWARE, CRACKS OR OTHER DAMAGE AND REPLACE ITEMS AS NECESSARY. DO NOT USE PRODUCT IF ANY OF THESE CONDITIONS EXIST.

INSTALLATION:

1. An optional **MINI BAG** can be used with the **MINI WING 105** to hold repair tools and accessories. If using, attach the **MINI BAG** to the saddle and seat post using the three straps as shown in **Figure A**.
2. To attach the **XENON** cages to the saddle rail mounts, place an M5 x 18mm button head screw through an M5 internal lock washer, through the top hole of the **XENON** cage, and through the top hole of the saddle rail mount. The "XLAB Mini" logo should be right side up. Thread an M5 nut onto the end of the screw to hold it in place and hand tighten using the 3mm Hex Wrench; the nut will fit in the slot in the back of the saddle rail mount. Repeat with the same hardware in the bottom cage hole. The assembly should look like **Figure B**.
3. Check the fit of the **MINI WING 105** by removing the M5 socket head screw and collar from the side of the mount and placing the arms of the metal bracket over the saddle rail as shown in **Figure C**. If it can be placed all the way on without hitting the saddle then it is a proper fit. If it will not go all the way on, remove the cage from the mount and place a spacer between the cage and the mount for each of the screws. Also use the longer M5 x 25mm button head screws that come with the kit instead. **Figure D** shows the spacers installed.
4. Torque all four cage screws to 15 in lbs (1.7 Nm).
5. Re-insert the screw and collar as shown in **Figure C** and thread it in using the 4mm Hex Wrench but do not tighten all the way down. Make sure that the beveled edge of the collar (**Figure E**) is facing towards the saddle rail to give it the best fit.
6. After ensuring the fit is correct, assemble the second cage mount with the same hardware as the first. Adjust the mounts to the position that works best and make sure they are angled out enough for easy access. **Figure F** shows the ideal position.
7. Once the mounts have been adjusted to the correct position, torque both of the side screws to 35 in lbs (4 Nm).



Figure A



Figure B



Figure C



Figure D



Figure E Beveled edge



Figure F

WARRANTY: Limited 3 year