

Mounting Set for Removable Mounting of the Lumi-Con Bike-Energy-Harvester

Features

- Removable mounting of Lumi-Con Bike-Harvesters to your bike
- USB-HP for USB-P5/12, USB-HPD for USB-D

Content

- Stainless steel holder
- Cable ties for mounting the holder (250mm)
- Hook and loop fastener, 300mm, for fixing the Harvester at the holder
- Cable ties for fixing the dynamo cable (100mm)
- Dynamo cable with various connectors (1m)
 - o Power connector / coupler (5.5mm)¹
 - o Waterproof connector
 - o SON Coax connector (only connector on one side, no cable with coax adaptor)²
- Detailed description



Parts supplied



Various connectors

¹) For USB-D only cable with connector, fits to charging input of USB-D

²) Only cable with connector supplied as normally it connects to available coax junction, variable length on request up to 130cm

Application

- The **Removable Mounting Set** allows electrically and mechanically detachment of the **Lumi-Con Energy-Harvesters** at your bike (see next page).
- The stainless steel holder needs assembling with two cable ties at the bike (preferable at the vertical frame tube in front) with the attached cable ties. Now you can click in the harvester. A hook and loop fastener fixes finally the harvester.
- The attached cable connects the harvester to the hub dynamo.

Electrical connection for USB-P5/12 and USB-D

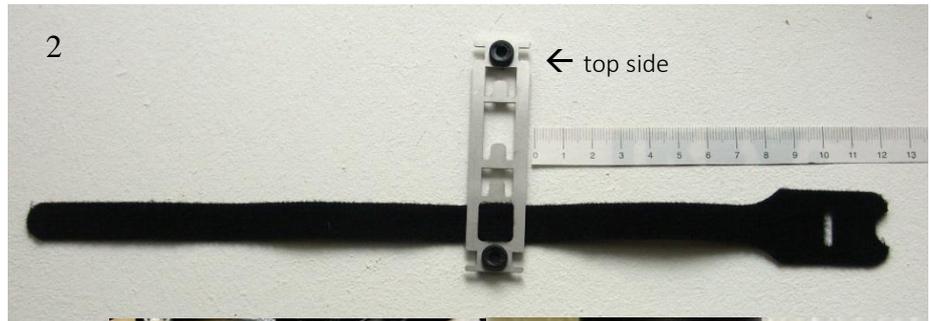
The USB-P5/12 needs a pair of connectors mounted to the dynamo cable. If you buy the mounting set together with the Harvester we mount the connector to the harvester dynamo cable (approx. 20cm from harvester, on request other length possible). For the USB-D the power connector fits (electrically) to the 12V DC-input, thus there is no need for a power coupler.

Mounting

1. If you didn't buy the harvester together with the mounting set you first have to turn the flaps at the harvester bottom by 90° (Fig. 1, please turn clockwise).

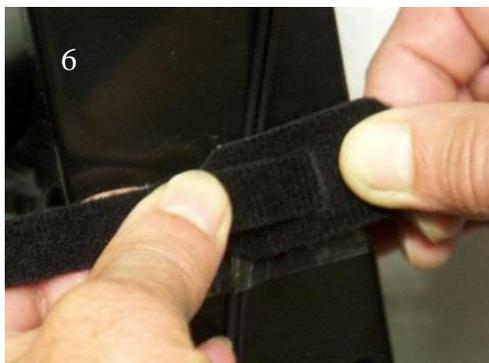


2. Then press the rubber sleeves to the stainless holder (6mm holes) and fix the hook and loop fastener as shown in fig. 2. The one side with the loop should be about 12cm long to optimize harvester fixing.



3. Now, you can fix the holder at the bike (most likely at the vertical frame tube in front with the attached cable ties (250mm). Please check that no breaking or gearshift cable is touched. Furthermore the clips of the cable ties must on the side so that the harvester can be mounted properly (* fig 3). Mostly mounting at the vertical tube of the handle bar is preferred because the LEDs are then visible for the driver.

4. Mount the cable on the dynamo (e.g. see instruction in the data sheet). May be the cable must be shortened. The length of the cable must about 10cm longer than minimum (see fig 4,5 on right side).



5. Now clip the harvester to the holder and fix the hook and loop fastener. Fix also the dynamo cable as shown to achieve some strain relief for the cable.

6. Stretch the hook and loop fastener and connect the dynamo cable the connector or coupler.

7. Please take notice on the specification regarding humidity in the harvester datasheet.

8. Ready. Have fun on your bike tour.



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