



Assembly guide of the electric trailer

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1 Before beginning

1.1 *Technical support*

In spite of all our efforts, there may still be some technical information difficult to understand. Cycloboost is at your disposal to make it clearer and to guide you if you need it :

You can contact us @ support@cycloboost.com

1.2 *Reception of the parcel*

Check the contents of the parcel in front of the deliver man and do not hesitate to make detailed notes on the transportation form. Without it, we will not be able to implement the guarantee.

1.3 *Opening the parcel*

The trailer was assembled and tested in our workshop. For the shipping, **we have disassembled the fork and beam.**

1.4 *Instruction of assembly*

The manufacturer's detailed documentation is delivered in a pocket, with the trailer. **We are going to explain here, the specifics linked to the electric part.**

2 Assembling the trailer

The motorized wheel is already set into the fork and linked to the controller :



Remove the wheel from the frame like this :



Be careful with the cable.



Put the wheel at the back of the trailer.



Remove the waterproof bag :



Turn around the trailer and fix the fork on the central axis of the frame :

Trick : Put cardboard box underneath to protect the trailer



You can now turn around the trailer to **finalize the assembly**.

Other assembly operations **relative to the trailer** are described in the manufacturer's document.

Note : Before putting back the waterproof bag in the trailer, **you can fix the cable** along the frame of the trailer with the **tightening clamps** supplied.

Do not tighten the clamps, if you need to remove the wheel (storage or puncture) you can slide the cable a little and have a more space to work.

3 The electric part

3.1 Installation and connection of the throttle

Place the throttle on the handlebar. On the left hand-side is better.
You can then **speed up** and **change gears at the same time**.

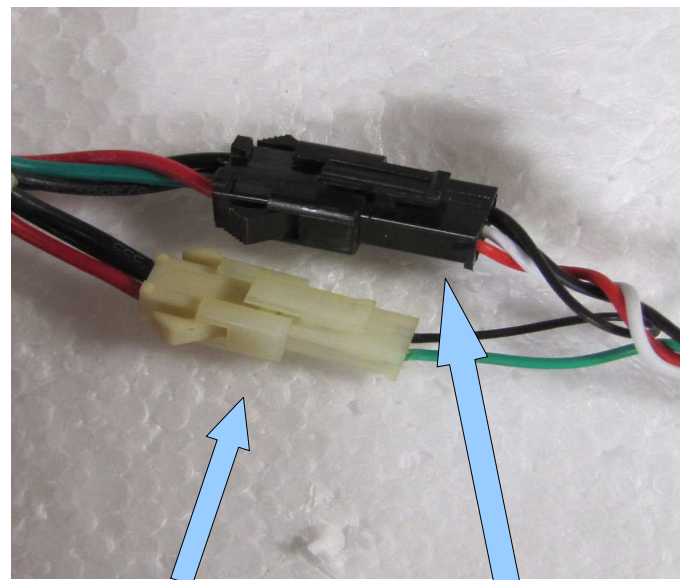


On this picture, we have put an extension (in aluminium) to make access easier.

Put the cable along the frame of the bike and the beam of the trailer to connect into the side bag (or the bag where the controller is located).

You can fix the cable on the beam thanks to the Velcro supplied.

Connect the throttle :



Yellow connector **2 threads**
for the **warning lights**

Black connector **3 threads** for
the throttle

Note : the 2 threads yellow and brown have no use

3.2 Installation and connection of the brake (optional)



Note : optional accessory delivered depending on the configuration. Is not necessary for the functioning of the trailer.

In the same way as the connection of the throttle to the controller, you can do the same with the **power cut brakes**.

You put the power cut brakes on the handlebar and you connect the **blue** connector directly with the other **blue** connector located in the bag.



Note : depending on the deliveries, the color of the blue connector can be purple.

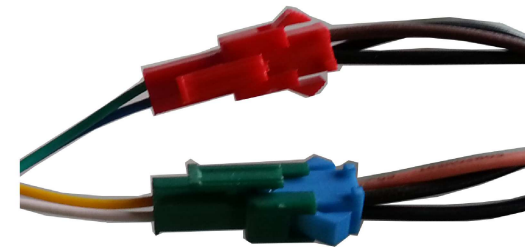
3.3 Installation and connection of the cruise control (optional)



Note : optional accessory delivered depending on the configuration. Is not necessary for the functioning of the trailer.

In the same way as the connection of the throttle to the controller, you can do the same with the **cruise control**.

You put the cruise control on your handlebar and you connect the **red** and the **green** connectors directly with the other connectors **red** and **green** located in the bag.



Note : depending on the deliveries, the color of the green connector can be turquoise.

3.4 Installation and connection of the battery

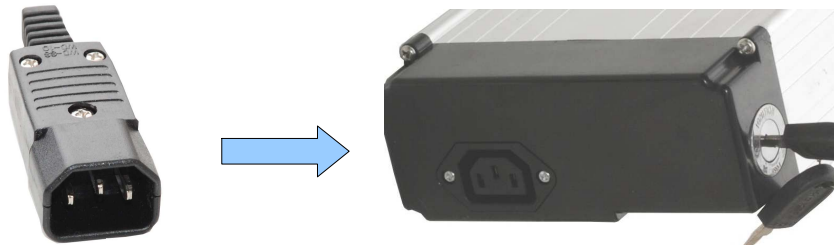
Put the battery in the waterproof bag. **It is important to be propped properly** in order to avoid damages on the cables.

Do not forget to **disconnect the battery** when you do not use the trailer.

Depending on the battery you will get Anderson connectors :



or a PC plug like this :



4 Use and maintenance of the electric trailer

Important use recommendation

It is the association of the **muscle power** and **electric power** which will enable you to get a **good output** of your motor and a **good autonomy**.

We strongly recommend **to pedal** when using your bike on flat roads but also and **above all at the start and uphill**. To improve your autonomy, we recommend to :

- regularly pedal when using your kit
- pedal more strongly at the start, uphill, facing the wind ...
- reduce your speed if the motor forces
- adapt the choice of sprocket according to the speed and the difference in height
- disconnect your battery when the trailer is at a standstill
- check the tire pressure : under-inflated tires deeply increase the electric consumption and reduce the vehicle's performances

If the motor overdoes it, you can damage the kit and battery . This kind of use is not covered by the guarantee.

The use of hand made batteries **is not covered by the guarantee**.

Maintenance of the kit

There is no maintenance. At the beginning, you can check from time to time that the connexions have not moved.

Important :

- Regularly check the tightening screws of your motor wheel
- Check the tension at the spokes
- From time to time make sure the wiring has not moved because of the vibrations
- Check the forks' ends if the motor is at the front

END OF DOCUMENT
