

Installation Manual for Ebike Conversion kit (36V 600W, Brushless Hub Motor)



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Warnings:

1. Please check the polarity first before installing the E-bike kits. Wrong polarity will damage the controller and we don't provide warranty for that.
2. Charge the battery immediately after use.
3. When charging Battery Pack, please put battery in a fire proof container. Always charge in an isolated area, away from other flammable materials. Ex: wood bench, carpet. Never charging the Battery Pack unattended.
4. Must turn off the controller unit before installation.

Below was the instruction for how to connect the prewired controller unit to Battery pack, Prewired thumb throttle and 600 brushless hub motor 24"/26" Rim Wheel

1. The controller unit will have 4 connectors as **picture2** shown below
 - **Break Cut Off terminal** (connector #1, 2 Pin Male JST connector) **optional** for connecting with Brake.
 - **Thumb Throttle terminal** (connector #2, 2 Pin Male JST connector) utilized for connecting to Prewired thumb throttle unit
 - **Battery terminal** (connector#3, 2 pin Ebike connector) utilized for connecting to Battery pack



Pic 1: Positive Polarity label of Battery Terminal (connector#3)

- **Motor terminal** (connector#4, 3 pin Ebike connector) utilized for connecting to 600 brushless hub motor 24"/26" Rim Wheel



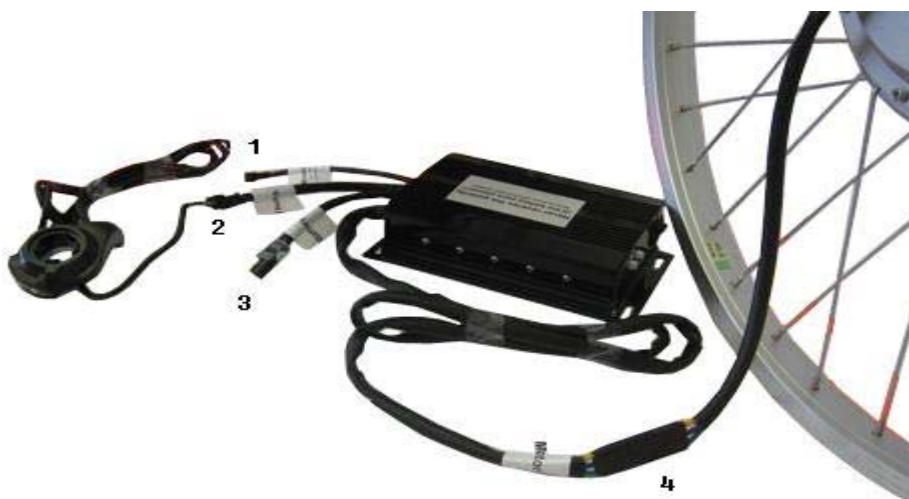
Pic2: 4 terminals from Controller unit .

2. Connect Prewired thumb throttle unit by Thumb Throttle terminal (connector #2, 2 Pin Male JST connector) from controller unit as **picture3** shown below.



Pic3: How to connect the controller to thumb throttle unit

3. Connect to the 600 brushless hub motor 24"/26" Rim Wheel by **Motor terminal** (connector#4,3 pin Ebike connector) from controller unit as **picture4** shown below. Then connect to 3 pcs SLA battery / 36V NiMH battery / High Power 37 Polymer Li-Ion battery **with correct polarity** by **Battery terminal** (connector#3, 2 pin Ebike connector)



Pic4: How to connect the controller to brushless hub motor

4. Turn on the controller unit by On-Off Switch. Then control the speed by thumb throttle and now you are able to travel.



Pic4: ON-OFF switch of the controller unit