



Flatlander Bike Assembly



1.

For further assistance, go online for helpful instructional videos at bakcou.com

Bakcou Flatlander Assembly

Make certain to pay attention to all bold italicized text

REQUIRED TOOLS:

- Cutting Pliers (to cut box poly strapping and heavy bike banding)
- Scissors (to remove bubble wrap)
- Allen wrenches (4mm, 5mm, 6mm included in box)
- Wrenches (10mm, 15mm included in box)
- Approximate Assembly Time: 20 - 30 minutes

UNBOXING

1. Cut banding straps from exterior of box and open box.
2. Remove “Tool Kit” box containing pedals, battery charger, and hardware from box.

3. Remove bike from box. (If necessary, lay box on side and slide out, or use two people to lift out.)
4. Cut banding straps to release the front tire from the frame of the bike. (Use caution in cutting banding straps, paying particular attention to brake, derailleur, and all other cables on bike.)
5. Cut banding straps to remove quick-release axle from front wheel.
6. Cut banding straps to release handle bars from the frame of the bike. (Avoid letting handlebars hang for extended periods and thus putting stress on cables. Make certain cable connections have not pulled apart during this step, or in shipping.)
7. Remove remaining bubble wrap, foam and shipping materials needed to protect the bike during shipment.
Note: Make certain to remove plastic (if present) from both sides of the motor to allow for ventilation while operating.



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HANDLEBAR ASSEMBLY

8. Using 4mm Allen wrench, remove 4 screws from bicycle stem.
10. After removing the front plate of the bicycle stem, insert center of handlebars into bicycle stem, then reattach the front plate and 4 screws to secure handlebars.
11. Make certain handlebars are positioned with the throttle to the left and the rapid-fire index shifting levers on the right. Slightly insert each of the 4 screws prior to tightening. Also prior to tightening, rotate handlebars forward or backwards to customize position of handlebars to rider. **Note:** In most cases, brake levers should be angled approximately 45 degrees downward for optimal positioning.
10. Display screen can be easily adjusted by loosening with a 3mm Allen wrench and rotating to desired position. To adjust the display, you will need to loosen the screws on each side of the display.





PUTTING ON FRONT TIRE

11. If present, remove plastic spacer from bottom of front fork.
12. If present, remove the plastic insert from between front brake pads. **DO NOT squeeze the brake levers after removing this plastic insert before installing the tire.** Doing so will cause the brake pads & pistons to overextend, and therefore will not retract to original position.
13. Position front wheel in the front fork and the front brake rotor between the brake pads. Install quick-release Skewer and tighten.



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PUTTING ON PEDALS

14. Remove pedals from “Tool Kit” box.
15. Differentiate the right pedal from the left pedal by locating the small “CR-L” (for the left) and “CR-R” (for the right) inscribed on the bolt of the pedal. (See Picture)
16. Attach right pedal by screwing into right crank in a clockwise pattern using 15mm wrench.
17. Attach left pedal by screwing into left crank in counterclockwise pattern using 15mm wrench.
18. Make certain crank bolts are tightened using 8mm Allen wrench.



INSTALL BATTERY

19. Key is not needed to install battery; simply place the bottom of the battery into lower slot and firmly push top of battery into upper slot. Make sure battery is locked firmly into place prior to riding as a loose battery may cause inadvertent loss of power, or the battery may fall out of chamber and become damaged. After reinserting, check the battery attachment by pulling out and up on the handle to ensure it is securely fastened.

INFLATE TIRES

20. Using a Schrader valve bike pump, inflate the tires to around 20 psi. Max psi is 30.



SET SHOCK PUMP

21. Shocks are dependent upon rider weight and gear and will vary from rider to rider. Use a fork/shock specific pump to set the shock PSI. If you need assistance, call the Bakcou Customer Support Team or visit your local bike shop. **DO NOT use an air compressor or tire pump.**

120psi (80-120lbs), **130psi** (121-150lbs), **140psi** (151-170lbs),
150psi (170-200lbs), **160psi** (201-220lbs), **170psi** (221-250lbs)
220psi Max



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READ BEFORE USE

22. Make sure to check all nuts and bolts to ensure they have not loosened during shipping.
23. Battery typically has a partial charge straight from the box. Riding the bike straight out of the box will not impact battery life or compromise the battery in any way.
24. Battery can be charged while on the bike, or it can be removed and charged off of the bike.
25. Keys are only used to remove battery from bike. Simply insert key into lock and turn, while pulling out and up on battery handle to remove battery.
26. To reinsert battery, key is not needed; simply place bottom of battery into lower slot and firmly push top of battery into upper slot. (Note: make sure battery is locked firmly into place prior to riding as a loose battery may cause inadvertent loss of power, or battery may fall out of chamber and become damaged. After reinserting, check battery attachment by pulling out and up on handle to ensure it is securely fastened.)
27. Assembly is now complete, however, minor adjustments are often necessary to precisely fit eBike to rider. These adjustments can include rotating locking handle grips, moving/rotating brake levers, throttle, and shifters. These adjustments are easily performed. However, feel free to contact us via email or phone with any questions.
28. Note: A Suspension Adjustment video and Display Use video can each be viewed under "Support" on the Bakcou website. **Note: Located at the bottom of some right front forks is a blue knob called a shock dampener. This knob is used to control the rebound speed of the fork. Knob can be twisted clockwise to close or counter-clockwise to open, thus allowing more or less airflow to increase/decrease rebound speed. Make certain to tighten the screw inside the dampener knob and we recommend using Loctite on the threads to keep screw in place. After tightening screw, tighten (turn clockwise) the dampener knob and then back off 1 1/2 turns.** After getting used to your Flatlander's suspension, adjust accordingly.
29. It may be necessary to adjust your derailleur prior to first use. Refer to our Troubleshooting Shifting Problems video on the Bakcou website for support adjusting your derailleur, or visit your local bike shop for assistance.
30. Two "green" rolls of puncture proof tire liners may be located in the bike box or in the tool kit box. The liner goes in between the tube and the tire. **If the liners are not in the box or tool kit box, then they were installed at the factory.** Some riders prefer to use these liners as well as a tube sealant such as Bakcou Flat Out for added protection from punctures. The liner will add some weight to the tire and does affect the flexibility of the rubber, thus slightly changing how the tire rolls across some terrain. We strongly encourage using the puncture proof liner when riding in areas with heavy "goat heads" or other tube puncturing thorns. (Bakcou YouTube instructional video available online.)
31. Regular and routine maintenance of your eBike is not only recommended, but highly essential to ensure proper function, safety, and longevity of your eBike. See Owner's Manual for further instruction.
32. **Always wear a helmet and other protective gear while riding.**
33. Always know and observe traffic and trail laws and regulations in your area.

ITEMS INCLUDED WITH YOUR BIKE

- Pedals
- Charger
- Hardware
- Allen wrenches (4mm, 5mm, 6mm)
- Wrenches (10mm, 15mm)



TORQUE SPECS

Make sure to check all nuts and bolts to ensure they have not loosened during shipping.

ITEM	NEWTON METERS	POUNDS
Crank Bolts	40-43 Nm	35-40 lbs
Derailliers	8-10 Nm	6-7 lbs
Rack and Fenders	2-3 Nm	2 lbs
Kickstands	10-23 Nm	13-17 lbs
Pedals	40-43 Nm	29-32 lbs
Brake Lever Clamps	6-8 Nm	5-6 lbs
Stem	11-13 Nm	8-10 lbs
Disc Brakes	11-12 Nm	8-9 lbs
Axle Bolt Rear Wheel	27-34 Nm	20-26 lbs
Cassette	30-50 Nm	22-35 lbs



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