



Scout Bike Assembly



1.

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

Bakcou Scout Assembly

REQUIRED TOOLS:

- Cutting Pliers (to cut box poly strapping and heavy bike banding)
- Scissors (to remove bubble wrap)
- Bakcou Multi-tool (Included)
- Approximate Assembly Time: 20-30 minutes

UNBOXING

1. Cut banding straps from the exterior of the box and open the box.
2. Remove the “Tool Kit” box containing pedals, battery charger, and hardware from the box.
3. Remove bike from box. (If necessary, lay box on the 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 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)
6. Remove remaining bubble wrap, foam, and shipping materials needed to protect the bike during assembly. **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

7. Using 4mm Hex key, remove 4 screws from the front facing plate on the stem. Be careful to not lose the washers on the screws as you remove them.
8. 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. There is a plastic protective plate covering the inside of the headset, Bakcou recommends leaving this in place.
9. 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. The display screen can easily be rotated by hand, moving forward or backwards, to accommodate rider's 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. Unthread the quick-release axle from the front fork.
13. 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.
14. Position front wheel in the front fork and the front brake rotor between the brake pads and tighten. Reinstall the quick-release axle.



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ATTACHING PEDALS

15. Remove pedals from “Tool Kit” box.
16. Differentiate the right pedal from the left pedal by locating the small “L” (for the left) and “R” (for the right) inscribed on the bolt of the pedal. (See Picture)
17. Attach right pedal by screwing into right crank in a clockwise pattern.
18. Attach left pedal by screwing into left crank in counterclockwise pattern.
19. Make certain crank bolts are tightened using a 6mm Hex key.

INSTALL BATTERY

20. On the Scout, the key is necessary for installing your battery. To install the battery, line up the connection points on the bottom of the battery with the side of the down tube closest to the motor. If the battery will not go in, turn the key counterclockwise on the battery release. Once the battery is installed, turn the key clockwise and lock the battery into place.



INFLATE TIRES

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

SET FRONT FORK

22. Shocks are dependent on the weight of the rider including 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

SET REAR SHOCK

23. Set the rear shock using a shock specific pump. Shock PSI is dependent on rider weight, gear, and riding styles. Recommended PSIs depending on body weight are shown in the table below. If you need assistance, call the Bakcou Customer Support Team or visit your local bike shop.

85psi (130lbs), **105psi** (150lbs), **125psi** (170lbs),

150psi (190lbs), **170psi** (210lbs), **190psi** (1230lbs)



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READ BEFORE USE

1. Make sure to check all nuts and bolts to ensure they have not loosened during shipping. (see torque specs at the end of this manual)
2. Battery typically has a partial charge straight from the box. Riding the bike straight out of the box will not compromise the battery in any way. Bakcou encourages a full charge before use.
3. Battery can be charged while on the bike, or it can be removed and charged off of the bike.
4. Keys are used to install and remove the battery from the Scout. To remove the battery, turn the key counterclockwise, compress the battery towards the frame and turn the release lever. The battery should release and then you can pull it out.
Note: Bakcou recommends removing the battery prior to transporting the bike on a vehicle or hitch rack.
5. **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.
6. 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.
7. **Note:** A Suspension Adjustment video and Display Use video can each be viewed under “Our Videos” on the Bakcou website. After getting used to your Scout’s suspension, adjust accordingly.
8. **Tire liners 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 adds 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.)
9. 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.
10. **Always wear a helmet and other protective gear while riding.**
11. Always know and observe traffic and trail laws and regulations in your area.

TO POWER YOUR BIKE

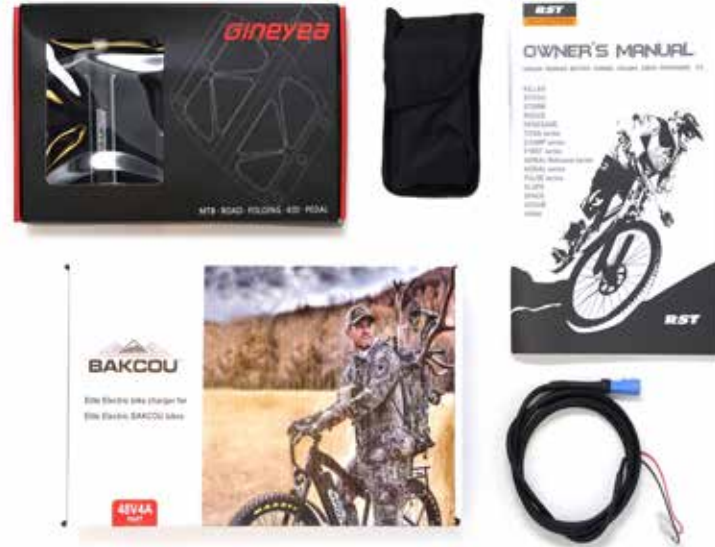
Power On/Off Display

1. Power On Battery & Display: Hold power button on control pad for 3 seconds.
2. Power Off Battery & Display: Hold battery button for 3 seconds.



ITEMS INCLUDED WITH YOUR BIKE

- Pedals
- Charger
- Hardware
- Bakcou Multitool



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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
Deraulliers	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

NOTES



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