



Ultra
Assembly Guide

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Ultra Assembly Guide

About this Guide

Welcome to the assembly guide for your Blix Ultra. We craft our bikes with an innovative and user-friendly design, and the assembly guide is no different. We've broken down each step so it's easy to follow whether you're a seasoned pro or an adventure-bound beginner.



Tip: We recommend consulting a professional bike mechanic to assist in the assembly, service, and maintenance of your bike.

Package Contents

- The Ultra
- Front Wheel
 - Quick release skewer and 2 small springs strapped to Front Wheel
 - Axle Cap (optional to protect axle of rear wheel)
- Accessories & Small Parts
 - Right & Left Pedals
 - Battery & Charger
 - Keys
 - Front Light
- Tool Kit (listed from smallest to largest)
 - 3mm allen wrench
 - 4mm allen wrench
 - 5mm allen wrench
 - 6mm allen wrench
 - 8/10mm crescent wrench
 - 13/15mm crescent wrench

Assembly

Step 1: Unpacking your Blix

Remove your bike from the box and set it on a smooth, flat surface. Remove all of the packaging material from the bike and carefully cut the zip-ties.



Note: Any returns or exchanges require the use of original box and protective packaging. Please keep for at least 30 days after receiving your Ultra.

Step 2: Handlebars

1. Remove the 4 bolts and stem cover from the handlebar stem using the allen wrench.



2. Center the handlebars and place them into the stem, ensuring the cables are not twisted.
3. Re-secure the stem cover using the 4 bolts removed in **Step 1**. Tighten each bolt evenly to ensure the handlebars stay centered in the clamp.



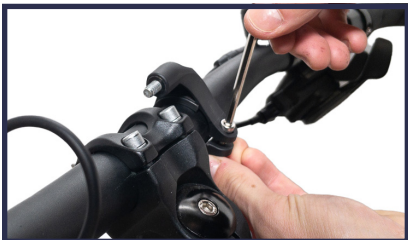
Assembly

4. Double check that the stem is in line with the fork. If the fork and stem are not aligned, hold the fork and move the handlebars until they are parallel. Tighten the two bolts on the side of the stem using the appropriate wrench. If you are unable to move the stem, loosen these two bolts before adjusting.



Step 3: Front Light

1. There are two mounting locations for the front light on the Ultra, one on the handlebars and another on the suspension fork. **When installing an accessory to the front mounting points, such as a front basket or front rack, the front light must be mounted to the handlebars.**
2. To mount the front light on the handlebar, secure the light to the handlebar mount then attach the headlight mount onto the handlebar and tighten the bolt using the appropriate wrench, then adjust the angle of the light as needed before tightening down the bolt.

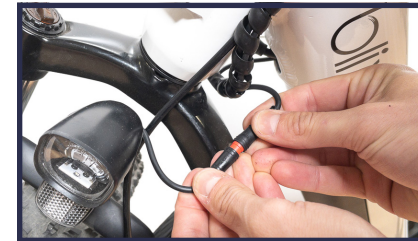


Assembly

3. For the suspension fork mount, unthread the bolt from the fork, there will be a washer on the bolt that needs to sit between the fork arch and the light mount. Then thread the bolt for the front light into the arch going between the two arms of the fork.

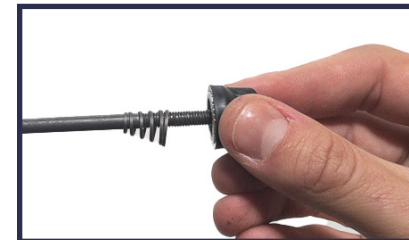


4. Connect the light cable. When mounting to the handlebars, attach with the included cable extender.



Step 4: Front Wheel & Quick Release

1. Remove both wheel protectors from the axle of the front wheel.



2. Remove the cap and one of the two springs from the quick release skewer.

Assembly

3. Push the quick release skewer through the axle of the front wheel from the side opposite the brake rotor disc.
4. Add the spring, with the small end of the spring facing the bike, and the larger side of the spring resting against the cap.
5. Install the cap, leaving just enough space for the fork dropouts to be inserted.
6. Remove the plastic fork spacer from the fork.



Note: If the quick release was not present in the accessory box, the quick release may be stored in the fork in place of a fork spacer.

7. Remove the plastic disc brake spacer from in between the brake pads in the brake caliper.



Note: Be careful not to pull the brake lever once the spacer has been removed as it will push the pads closer together and make the wheel installation difficult. This may also cause the brakes to rub.

8. Install the front wheel so that it is fully seated in the front fork dropouts, and the brake rotor disc slides into the brake caliper.

Assembly

9. With the quick release lever open, tighten the cap, then clamp down the quick release arm to firmly attach the wheel to the dropouts. You should feel firm resistance when closing the lever. **Failure to close the quick release properly can result in the wheel coming loose and detaching from the bike which can cause injury.**



Step 5: Pedals

1. The pedals are marked on the end of the axle with an "L" for Left and an "R" for right. The right pedal should be installed on the side with the chain and gears.



2. Start by hand-threading each pedal onto the bike. Then, tighten the pedals securely using the 15mm crescent wrench.



Note: The left pedal is reverse-threaded and tightens in the opposite direction. Thread correctly before tightening to prevent damage.

Adjustment

Follow the steps below to personalize your Ultra and to check for safety.

Step 6: Seat Adjustment

To adjust the seat height, open the quick release post clamp. Once you've reached your desired height, simply clamp the quick release back down so it squarely closes against the collar. If the seat height continues to slip when pressure is applied, tighten the nut on the quick release clamp by hand.



Tip: You should be able to comfortably touch the ground with your toes, and should be able to fully extend your legs while pedaling. This is the optimal height for the seat, but choose the height that works best for you.

Step 7: Handlebar Adjustment

On the Blix Ultra, there are no adjustments to raise or pivot the handlebars to a higher position. The stem comes in the highest position out of the box.

Adjustment

Step 8: Tire Inflation

Ensure the tires are inflated to the recommended PSI. The PSI is written on the side of the tire for easy reference. A properly inflated tire has lower rolling resistance.



Note: Inflating your tires at a lower than recommended pressure may cause punctures and result in a flat tire.

Step 9: Brake Check

Ensure the brakes are adjusted properly by checking that the brake levers stop before touching the handlebars. Double-check that the wheel stops spinning when the brakes are depressed. If a brake lever pulls too close to the handlebar, we recommend reaching out to a bike mechanic and our technical support team for assistance before riding.



Note: For any major adjustments to the hydraulic brakes, we recommend consulting an experienced bike mechanic.

Step 10: Download Blix Connect

Download the Blix Connect App from the App Store or Google Play Store and connect it to your bike. Follow the on-screen instruction within the app to connect to your bike.

Tips & Tricks

Battery Installation & Removal

Down-tube Battery Installation

Insert the bottom of the battery first, then lift up and push into the frame. You should hear two clicks letting you know it is fully locked in.

Down-tube Battery Removal

Insert the key into the frame and turn it left. Then, turn the lever on the battery in either direction to release the battery. The battery should easily drop out of the frame.

Rear Battery

To remove the rear battery on a dual battery model, insert the key and turn to the unlock position. Then, remove the key and pull upwards until the battery releases.




*Note: If you are an owner of another Blix bike, please note that the rear battery is not cross-compatible. **The rear battery on other Blix models will not function when used with the Ultra and may cause damage to the battery and bike if used.***

Turning on the Ultra




To turn on the bike, simply press the power button located on the upper left side of the down-tube battery. The system will automatically turn on. To turn off the bike, simply press that same button down again.

Tips & Tricks

The Display

Once the display is on, you can change the displayed information by tapping the  button quickly. These are the functions that you can access and manage on the display:

1. Pedal Assist Level
2. Battery Level
3. Trip Distance
4. Speed

The display setting screen can be accessed by pushing and holding the  button for 2-3 seconds. Press the up and down arrows to cycle through the options and the  button to confirm an option. Press and hold the  once more for 2-3 seconds to exit the settings.

**Your bike is now fully assembled!
See the Blix Owner's Manual for tips
and instructions on getting the most out of
your new ride.**



Tip: Before riding your Blix for the first time, double check that all of the hardware on your bike is secured properly to avoid components coming loose which could result in serious injuries.

