

**Sol Eclipse**  
Assembly Guide

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# Sol Assembly Guide

## About this Guide

Welcome to the assembly guide for your Blix Sol. 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.

A detailed assembly video is also available on mobile and desktop at [support.blixbike.com](http://support.blixbike.com). Navigate to the **Maintenance & Use** tab and scroll down to **Bike Assembly Instructions**. And, of course, if you run into any issues along the way our experienced support team is always here to help.



*Tip: We recommend consulting Blix Support to assist in the assembly, service, and maintenance of your bike.*

## Package Contents

- The Sol
- Front Wheel
- Accessories & Small Parts
  - Right & Left Pedals
  - Battery & Charger
  - Keys
  - Seat Post Reflector
  - Quick release skewer and 2 small springs
- 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: We recommend keeping the box and protective packaging for 30 days after receiving your bike in case any issues arise.*

## Step 2: Handlebars

1. Remove the 4 bolts and stem cover from the handlebar stem using the 5mm allen wrench.



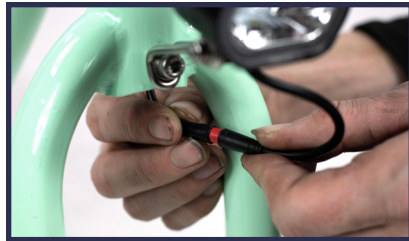
2. Place the handlebars centered into the stem.
3. Re-secure the stem cover using the 4 bolts removed in step one. Tighten each bolt evenly to ensure that the handlebars stay centered in the clamp.



## Assembly

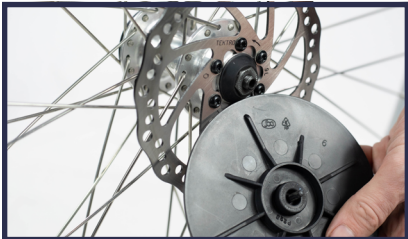
### Step 3: Front Light

1. Remove the bolt from the fork crown with the 4mm allen wrench.
2. Place the front light and secure with the bolt.
3. Connect the light cable by aligning the arrows on each side.



### 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.

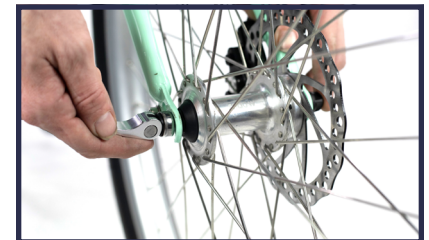


## Assembly

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.
7. 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.



*Tip: If you're having trouble getting your front wheel on, check to see that the brake cable is loose enough.*

8. 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.

## Assembly

### Step 5: Seat

1. Insert the seat post.
2. Clamp the quick release collar down at your desired height.



### Step 6: Seat Post Reflector

1. Remove the nut and bolt from the reflector clamp using a phillips head screwdriver (not included).
2. Slide the reflector clamp onto the seat post, and adjust to desired height.
3. Insert the nut and bolt using the phillips head screwdriver and tighten until secure.



## Assembly

### Step 7: Pedals

1. The pedals are marked with an "L" for left and an "R" for right on the end of the axle. 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. Ensure pedals thread correctly before tightening to prevent damage.*

# Adjustment

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

## Step 8: Seat Adjustment

To adjust the seat height, open the quick release seat 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, you can 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 your seat, but choose the height that works best for you.*

## Step 9: Handlebar Adjustment



The stem angle can be adjusted by loosening the bolt on the bottom of the stem using the 5mm allen wrench. Adjust the stem to the desired angle, and secure tightly to ensure the position doesn't change or slip during use. This is the only bolt that should be loosened during adjustment.



*Tip: After adjusting the handlebars, you should be able to sit up straight without slouching, and without the need to hold your arms or wrists in an uncomfortable position. Your comfort is key to having an enjoyable riding experience!*

# Adjustment

## Step 10: Tire Inflation

Ensure your 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 tire at a lower than recommended pressure may cause tires to become flat.*

## Step 11: Checking Brakes

Ensure your brakes are adjusted properly by checking that your brake levers stop before touching the handlebars. Double-check that the wheel stops spinning when the brakes are depressed.



*Note: Our Brake Adjustment guide can be found at [support.blixbike.com](http://support.blixbike.com), but we recommend contacting an experienced bike mechanic for any major adjustments to the brakes.*

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



*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.*



# Recommended Torque Values

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Tighten bolts to torque specifications to prevent the bolts from slipping.

Part	Torque (Nm)
Seat Post Clamp	7
Saddle	18-20
Pedals	35
Crank Bolts	40
Handlebar	18-20
Stem	18-20
Rear Wheel	40-45

## In Need of Support?

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<https://support.blixbike.com/>

(855) 655-BLIX [2549]

[blixbike.com](https://blixbike.com)

