

Sol X  
Assembly Guide

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# About this Guide

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Welcome to the assembly guide for your Sol X. We design our products to make it as user-friendly and easy to use as possible, 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.



**WARNING!** 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.



**CAUTION!** The following steps are only a general guide to assist in the assembly. We recommend you consult a qualified bike mechanic to assist in the assembly, safety check, service and maintenance of your bike.

# Inside the Box

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- The Sol X
- Pedals
- Battery
- Charger
- Keys
- Tool Kit
- Manual

# Assembly

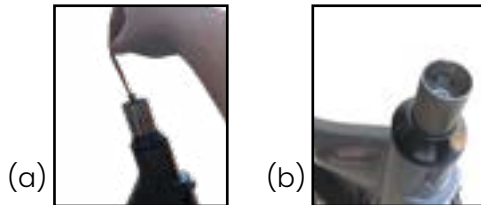
## Step 1: Unboxing

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.

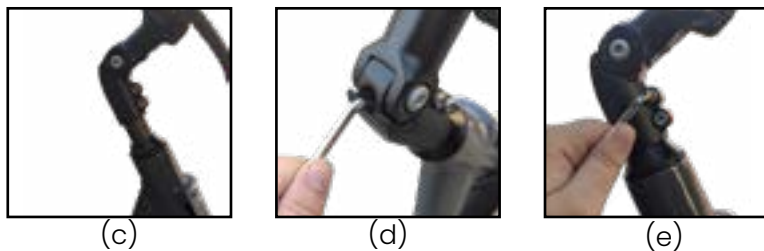
*Note: We recommend keeping the box and protective packaging for 30 days after receiving your bike in case any issues arise.*

## Step 2: Handlebars

1. Make sure the bend of the front fork points forward.
2. Start by loosening and removing the top cap bolt on top of the steerer tube (a) and slide off the spacers one by one (b).

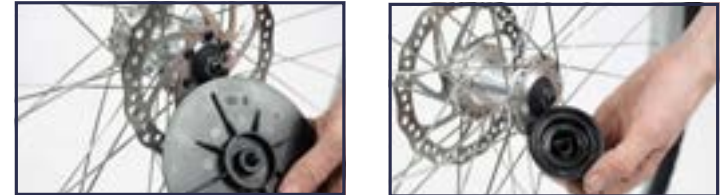


3. Slide the stem over the steerer tube (c). Make sure the stem and fork are pointing forward in alignment, then tighten the top stem bolt (d) and the two bolts on the side (e) to secure it.



## Step 3: Front Wheel

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.



3. Push the quick release skewer through the axle of the front wheel from the side of 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 to the fork. Position the front wheel so that the brake rotor aligns with the brake caliper on the fork.

Carefully guide the wheel into the fork dropouts, ensuring the rotor fits between the brake pads.



 **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.



9. Install the front fender to the front wheel.

Secure the fender bracket to the hole at the fork above the wheel (a).



Attach the metal stays to the mounting points near the front wheel axle. Tighten these bolts until the fender is steady (b).



**CAUTION!** Ensure the wheel is securely installed by giving it a firm wiggle; it should not move side-to-side. Double-check the brake function and make sure everything is properly aligned.



**CAUTION!** Make sure the wheel spins freely and does not rub against the brake pads. If there is any rubbing, slightly loosen the axle, re-center the wheel, and retighten.

## Step 4: 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 wrench.



**CAUTION!** The left pedal is reverse-threaded and tightens in the opposite direction. Ensure pedals thread correctly before tightening to prevent damage.

# Adjustment

## Step 5: Seat Adjustment

1. To adjust the seat height, open the quick release seat post clamp and adjust the saddle height to your desired height.

2. Clamp down the quick release to lock in your height.



Saddle Height Min 31.9" (810 mm)  
Saddle Height Max 40.2" (1020 mm)

If the seat post height continues to slip under pressure, open the quick release and tighten the nut on the clamp by hand. Then, close the quick release again to ensure it is securely fastened.



**CAUTION!** 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 6: Handlebar Adjustment

To adjust the angle of the stem, loosen the bolt on the side and at the bottom of the stem. Adjust to desired angle, and secure the bolts tightly to ensure the position doesn't change or slip during use.



Handlebar Height Min 46.9" (1190 mm)  
Handlebar Height Max 47.6" (1210 mm)



**CAUTION!** 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 and safe riding experience!

## Step 7: Inflating the Tires

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.



**CAUTION!** Only inflate the tires to the recommended pressure 40-65 PSI, indicated on the tire sidewall. Within the recommended pressure range listen on the side of the tire.



**CAUTION!** 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.

# Recommended Torque Values

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

**Recommended Rider Height: 4'10" - 6'2"**



**WARNING!** Do not extend any components including the stem or seat post beyond the minimum insertion markings, which are etched into the seat post and stem. Before using the bike, check that the saddle post quick release bolt is closed and firmly tightened. Secure all hardware properly or it may become loose and result in serious injuries.

Your bike is now fully assembled. Make sure to read the Blix Owner's Manual before riding.

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