

*nakto*

# Skylark



Fully Assembled Skylark Black, Skylark Yellow, Skylark Red, Skylark White.



Skylark Black

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Skylark Yellow

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Skylark Red

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Skylark White

# Assembly Instructions: Skylark



**Tools included:** Screwdriver, Phillips & Slotted 2 in 1  
Double open-end wrench, 13mm/15mm  
Allen wrench, 5mm  
Allen wrench, 6mm



**Tools needed:** Scissor  
Bike pump



## Let's start assembling your NAKTO Skylark ebike!

(Please read this entire assembly manual before assembly as it will save you a lot of time!)

### Step One:Unpack the ebike.

1.Pull the frame and all parts (charger, seat, toolkit, keys & fuse, manual, steer stem and pedals) out of cardboard box. Separate bike from foam padding. Cut off all zip ties with scissors while being extra careful as not to damage the paint or cut any wires or cables. **Notice:** The fuse is not used for assembly. Keep it in a safe place that it will be used for the replacement if the original fuse were damaged.

**Ensure all the following pieces are included with the Nakto Skylark.**



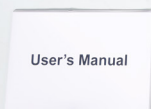
Charger



Seat



Steer Stem



Manual



Toolkit



Pedals



Keys and Fuse

2. Now stand the bike upright. Place some foam padding under the front fork if placed on the ground or put it on bike assembly/repair stand if you have one. We want to keep your bike looking new!

## **Step Two: Unfolding the Fashion Frame.**

1. Unfold the frame. Turn the front wheel slightly right until the frame is unfolded and both sides of the central hinge are touching.

2. Secure the frame hinge.

(1). Pull directly upward on the frame hinge quick release lever to lift the hinge pin. At the same time, push the bike frame together so the hinge is fully closed. Then, release the lever to allow the hinge pin to drop into the frame hinge.



(2). Swing the frame hinge quick release lever toward the front of the bike, so it is parallel to the frame.





(3).Fold the quick release lever upward to securely lock the frame hinge. The quick release lever should have enough resistance when closing to leave an imprint on your thumb.



**Notice:** Test the bike fully after unfolding the frame and before riding.

### **Step Three: Install the handlebar.**

1.Install the stem.

(1).Insert the stem into the steer tube.



(2).Turn the plastic clasp anticlockwise to unlock the quick release lever.



(3).Unfold the quick release lever downward to open the stem.



(4).Tighten the bolt in the center of the stem with the supplied allen wrench.



(5).Close the quick release lever to secure the stem.



(6). Turn the plastic clasp clockwise to secure the quick release lever.



2. Install the handlebar onto the stem.

(1). Open the quick release lever by hinging it open fully.





(2).Insert the handlebar stem into the stem tube.



(3).Set the handlebar to the desired height but not exceed max height or minimum insertion.



(4).Align the stem so the handlebar is perpendicular to the front wheel.



(5).Close the quick release lever to secure the handlebar.



3. Perform a twist test.

- (1). Brace the front wheel between your legs.
- (2). Switch hands so the opposite hands are pushing and pulling with about 20 pounds of force make sure the handlebar and front wheel are still properly aligned.
- (3). Repeat the twist test pulling/pushing with the opposite hands.



**Step Four: Center the headlight and adjust the angle slightly downwards to illuminate the road ahead and not blind oncoming traffic.**

Use the supplied Phillips-head screwdriver to loosen the headlight angle adjustment bolt, tilt the headlight to the optimal position, and then tighten in place securely.





## Step Five: Install the seat.

1. Open the quick release lever by hinging it open fully.



2. Insert seat post into seat tube. Adjust the seat post up or down to a comfortable height, while ensuring the seat post is inserted into the frame past the minimum insertion point.



3. Close the quick release lever to secure the seat post and check that it cannot move. If needed, use the thumb nut to add tension to the clamp so there is some resistance when the lever is in line with the clamp bolt.



## **Step Six: Install the pedals.**

1. Locate the pedal with an “R” stamped into the end of the pedal axle, which indicate it is the right pedal. The right pedal goes on the crank on the right side of the bike. The remaining pedal with an “L” stamped into the end of the axle, is the left pedal. The left pedal goes on the crank on the left side of the bike.



2. The right pedals threaded to tighten by turning clockwise. The left pedals reverse-threaded and tightens counterclockwise. Carefully thread the pedal onto the crank by hand slowly.
3. Further tighten with the supplied double open-end wrench. Do not cross thread or damage the threads.



## Step Seven: Inflate the tires.

Check that the tire beads and tires are evenly seated around the rims. Use a pump with a Schrader valve and pressure gauge to inflate each tire to the recommended pressure indicated on the tire sidewall. Do not overinflate or underinflate tires.

## Step Eight: Charge the battery.

Operate the electrical system when the battery has been adequately charged and the battery is secured to the frame mount.

Your Nakto bike comes partially charged. We recommend you Connect the charger input plug (110/220-volt plug) to the power outlet for 3 to 4 hours. The charger light will go from red to green when it is fully charged.

**Notice:** Plug the charger into the battery's charging port before connect the charger input plug (110/220-volt) to the power outlet.



## Step Nine: Ensure all hardware is tightened properly following recommended torque values.

Recommended Torque Values:

Hardware Location	Hardware	Torque Required (Nm)
Front Dropout Area	Front Axle Nuts	40
Handlebar Area	Stem Bolts	10
Handlebar Area	Brake Lever Clamp Bolt	6



Hardware Location	Hardware	Torque Required (Nm)
Brakes	Caliper Adapter to Frame	8-10
Brakes	Pad to Caliper Arm	6
Brakes	Brake Cable to Caliper Clamp	6
Fenders	All Fender Mounting Bolts and Hardware	6
Headlight	Headlight Angle Adjustment Bolt	6
Seatpost Area	Seat Angle Adjustment Bolt	20
Rear Dropout Area	Rear Axle Nuts	40
Rear Dropout Area	Rear Torque Arm Bolt	5
Rear Dropout Area	Kickstand Mounting Bolts	8
Bottom Bracket and Crank Area	Bottom Bracket and Lockring	60
Bottom Bracket and Crank Area	Crank Arm Bolt into Bottom Bracket Spindle	35
Bottom Bracket and Crank Area	Pedal into Crank Arm	35
Bottom Bracket and Crank Area	Chainring Bolts	10
Bottom Bracket and Crank Area	Controller Mounting Bolts	6

## Step Ten: Register warranty card with us ASAP.

**Notice:** Keep proof of purchase in a safe place. Keep packing and box for at least two weeks from the date of purchase. (As we do not provide a box for returns if needed.)

Have fun and be safe!

# Quick Start Guide

This ebike is equipped with two ways for a rider to use power assistance from the motor to propel the bike forward:

**The pedal assist system (PAS)** —The rider can engage the pedal assist system (PAS) while pedaling, and it will call up assistance from the motor to help propel the bike forward.

**The twist throttle**—The throttle is located on the right side of the handlebar. The rider can use it with a twist of the throttle grip to propel the bike forward without pedaling.

**Warning:** The throttle is active whenever the bike is turned on. Do not use the throttle unless you are on the bike.

## Start-Up Procedure

1. **Turn on the battery with the key.** Insert the key and turn clockwise to position (1).

Battery Key Positions

Key Position / Icon	Description
1	ON , Locked to the frame
2	OFF, Locked to the frame
3	OFF, Unlocked (ready for removal from the frame)





2. **Sit on the bike.**

3. **Activate the pedal assistance system**—Press the red button on the right side of the handlebar.



4. **Turn on the headlight** if needed or desired. Turn on the headlight by sliding the light button to right. Turn on the headlight by sliding the light button to left.



5. **Begin riding carefully**—Hold handlebars and start pedaling on a flat surface, in a low gear (1 or 2), most riders should be able to begin pedaling the bike with pedal assist. You may also use the throttle to accelerate and maintain your desired speed.

6. **The throttle** is used by slowly and carefully rotating the throttle backward toward the rider. The more you twist, the more powerfully the throttle will propel the bike forward. The throttle is active whenever the bike is turned on. Do not use the throttle unless you are on the bike.





Do not use the throttle while dismounted. Avoid accidental application of the throttle while dismounted; anytime you are moving the bike while dismounted, ensure the bike is powered off to prevent accidental application of the throttle.

7. **Brake**— Brake the bike by squeezing the brake lever (**Notice:** as a safety feature applying either front or rear brake will disengage the motor.)

8. **Deactivate the pedal assistance system**— Press the red button on the right handlebar again.



9. **Turn off the battery and remove the key when you park.**



# WARNING

We recommend that you always wear protective gear when cycling such as a helmet, gloves, elbow pads and goggles.

When riding, obey the same road laws as all other road vehicles as applicable by law in your area.

Best to charge the battery during the day when someone is around.

Overnight charging is not recommended.

Follow these steps for charging your bike: Plug the charger into the battery's charging port before connect the charger input plug (110/220-volt) to the power outlet.

Before riding always carry out a through safety check each time. We highly recommend that you read the instruction manual before your very first ride.

It is the user's responsibility to ensure a potential passenger on the Nakto ebike is adequately experienced and healthy enough to ride safely as a passenger. Serious injury or death can occur if passengers are inexperienced or in poor health such that it impacts their ability to ride as passengers safely.

Carrying baggage may reduce the control of your ebike.

Take extra care while riding in wet and sandy surface including decreasing speed and increasing braking distances.



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BICYCLE

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