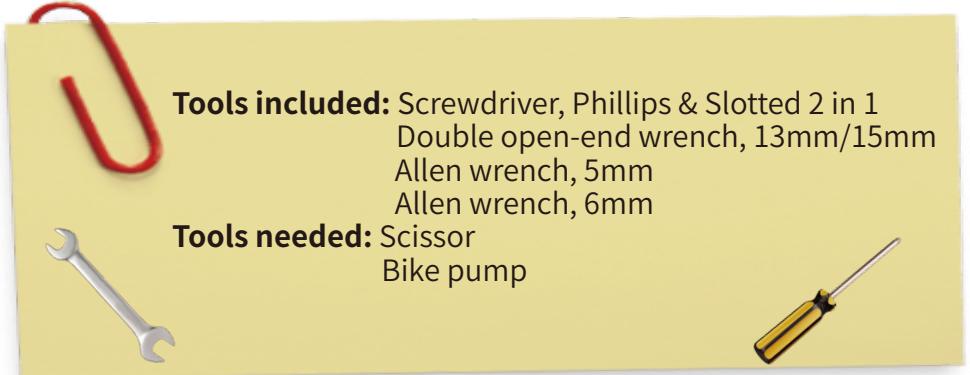


*nakto*

# Elegance



# Assembly Instructions: Elegance



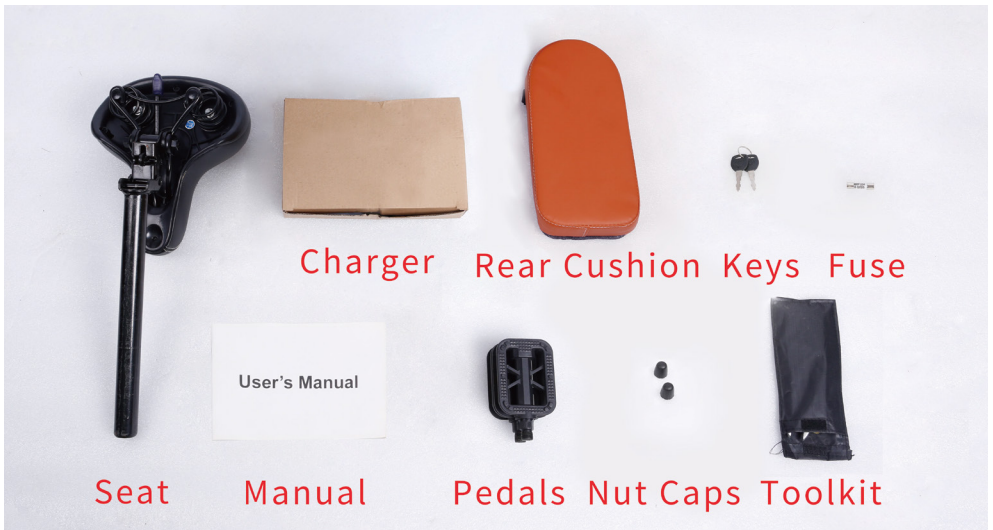
## Let's start assembling your NAKTO Elegance ebike!

(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, nut caps, rear cushion 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:** Keep the spare fuse in a safe place. It is not used for assembly and will be used for the replacement if the original fuse were damaged.

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



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: Assemble the front wheel.**

1. Loosen axle nuts on front wheel to make room for the front fork.



2. Remove the brake cable from the linkage of the left arm while squeezing the brake arms to make room for the front wheel.





3. Lift the front of the bike and lower the fork onto the wheel. **Notice:** The axle should enter the fork dropouts fully.



4. Line up the axle lock washers (These are the metal washer with a bent tab on one side) with the hole at each fork. **Notice:** These two special fork lock washers keep the wheel from falling off if the axle nuts ever loosen up! Tighten the axle nuts by hand.



5. Once the lock washers are in place tighten both axle nuts with the supplied double open-end wrench. **Notice:** Before doing the final tightening of the axle nuts make sure the wheel is square and true with the forks.





6. Push the black plastic caps onto the axle nuts.



7. Put the brake cable back to the linkage of the left arm while squeezing the brake arms.



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

1. Insert the handlebar stem into the clamp.



2. Install the handlebar stem together with clamp onto the steer stem.



3. Set the stem 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. Tighten the bolt at the clamp with the supplied allen wrench.





6. 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: Install the front fender and headlight.

1. Remove the fender and headlight mounting bolt from the fork arch with the supplied screwdriver and set aside.



2. Place the fender in position. From the back of the front tire, pass the front fender mounting point under the front fork arch.

3. Attach the headlight and fender to the fork arch. Pass the bolt through the headlight mount, fender mounting point and fork arch mounting point. **Notice:** the fender bracket should go in between the arch bracket and headlight bracket. Thread the locknut at the bolt end and tighten with the supplied screwdriver.





4. Attach the fender mounting arms to the front fork. Remove the mounting bolts from the fork. Pass the bolt through the arm mount and fork mounting point. Ensure the fender is centered and tighten both the mounting bolts.



5. 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: Adjust the front brake system.**

**NOTICE:** The adjustment of the front brake system is not easy. The following steps are only a general guide. If you are not sure you have the experience, skills, and tools to correctly perform all steps, consult a certified, reputable bike mechanic to assist with it.

#### **1. Pad Adjustment.**

Remove the brake cable from the linkage of the left arm while squeezing the brake arms.

Loose the pad mount, bring the arm and pad to the rim, and adjust.

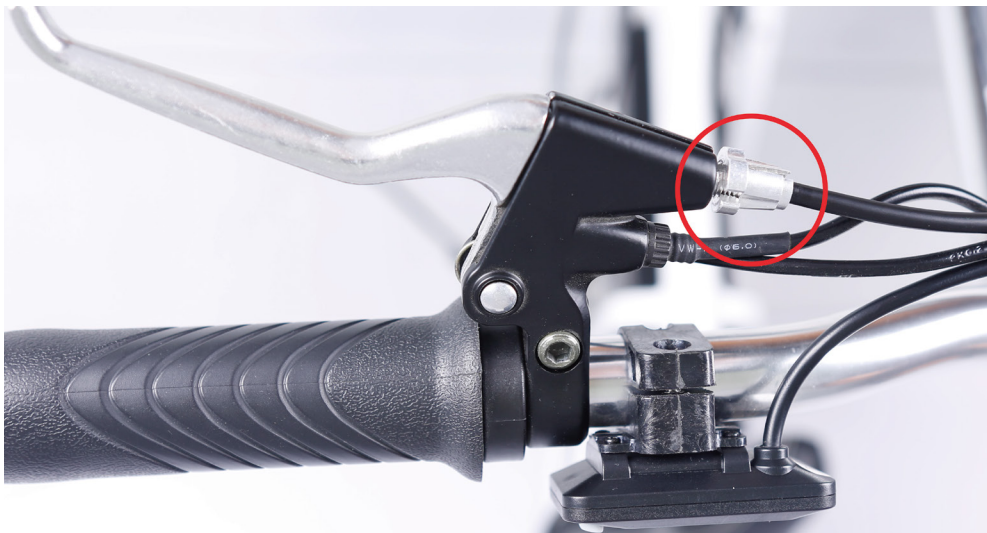
Locate the pad to the top edge of the braking surface. **Notice:** Do not locate the pad to the top edge of the rim. It would hit the tire. Bring the pad gently to the rim and push with some mild force and secure the nut. The pad will tend to be self-aligning and put the convex-concave washers where it needs to be correctly aligned with two flat surfaces, the rim and the pad-aligned. Hold the pad as you tighten the final tightness. Repeat the process on the other side. Put the brake cable back to the linkage of the left arm while squeezing the brake arms.



## 2. Cable Attachment.

Before we draw the pads together, back out the barrel adjusters three or four turns. So that we can have some fine tuning at the lever.

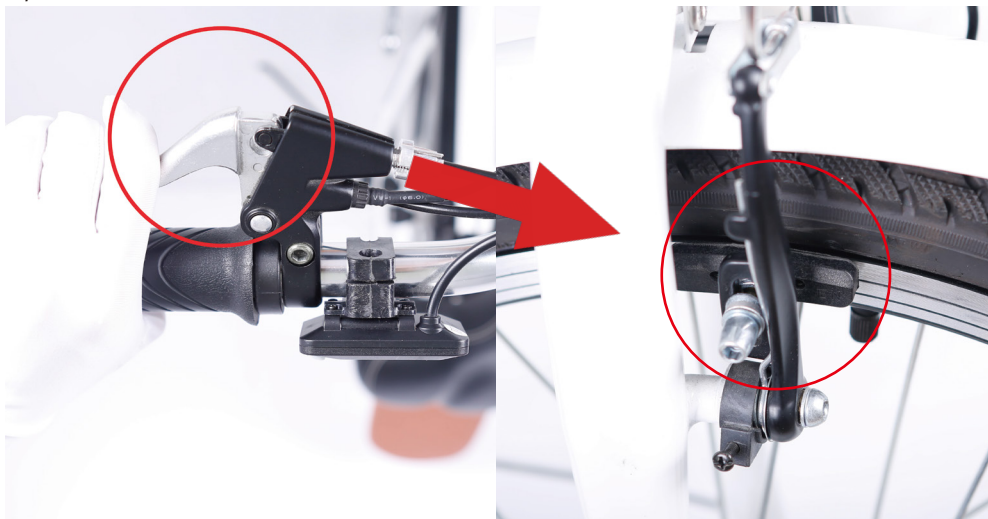
Loosen the pinch bolt. Pull the arms together with your hand and pull the cable out with some mild force. It is only necessary to get the rim close. Then secure the pinch bolt. It should flatten and crush the cable.





### 3. Set Pad Clearance.

Bring the barrel adjuster in toward the lever, giving more slack. Typically, the pads should feel like they are contacting the rotor at a minimum of  $1/2$  the lever travel.



### 4.Centering.

Centering is done by subtle changes in spring tension. There are screws to the return spring on both sides. By tightening the screw, you are increasing tension on whatever side you tighten. The end goal here is to keep even pad clearance on either side of the rim. Take the right pad for example, we can tighten to make it far from the rim, or loosen the screw to make it close.



## Step Six: 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 Seven: 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 pedal is threaded to tighten by turning clockwise. The left pedal is 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 Eight: Install the cushion.

1.Unlock the lock catch.



2.Put the cushion on the rear carrier.

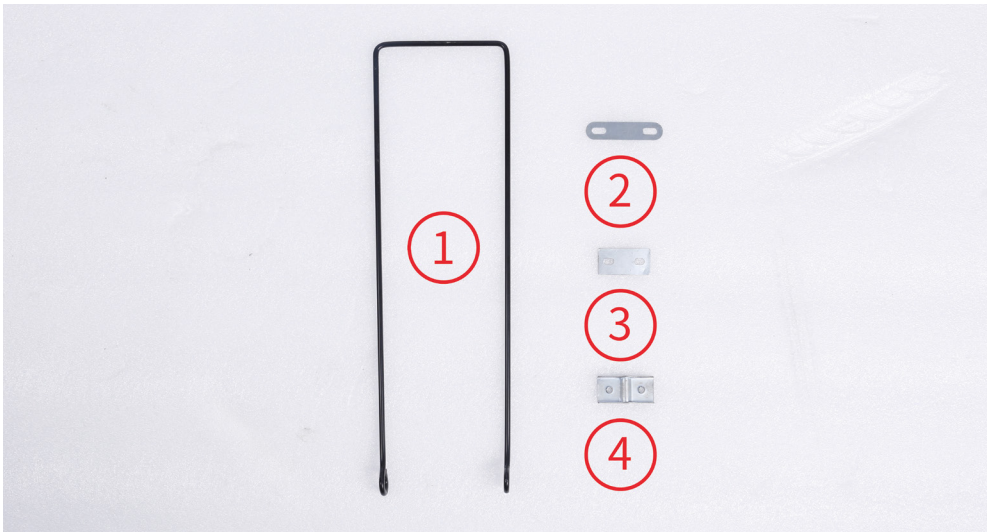


3.Lock the lock catch.



### Step Nine: Install basket.

**Notice:** The basket may not arrive together with the Nakto ebike as it will be packed and dispatched separately.



1. Install bottom bracket (bracket 1).

(1). Remove the axle nuts on front wheel with the supplied double open-end wrench and set aside.

(2). Install “bracket 1” onto the front wheel axle.





(3).Tighten both axle nuts with the supplied double open-end wrench.



(4).Once you have tightened both axle nuts push the black plastic caps onto the front axle nuts.





2. Fix the basket to the mount extending from the stem of handlebars. Pass the bolt through “bracket 2” mounting point, the top mounting point of the basket and the mount extending from the stem of handlebars. Thread the lock nut onto the bolt end and tighten with the supplied screwdriver.





3. Fix the basket to the bottom bracket. Fit the bottom bracket into the curve of “bracket 4”. Pass the bolt through “bracket 3” mounting point, the basket bottom mounting point and “bracket 4” mounting point. Tighten with the supplied screwdriver.





4. Snap the cover into place.



### **Step Ten: 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 Eleven: 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 Twelve: 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	Handlebar Stem Clamp Bolts	10
Handlebar Area	Brake Lever Clamp Bolt	6
Handlebar Area	Shifter Clamp Screw	6
Brakes	Caliper Adapter to Frame	8-10
Brakes	Pad to Caliper Arm	6
Brakes	Brake Cable to Caliper Clamp	6



<b>Hardware Location</b>	<b>Hardware</b>	<b>Torque Required (Nm)</b>
Fenders	All Fender Mounting Bolts and Hardware	6
Headlight	Headlight Angle Adjustment Bolt	6
Basket Area	All Basket Mounting Bolts and Hardware	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	Derailleur Hanger Mounting Bolt	6
Rear Dropout Area	Derailleur Mounting Bolt	10
Rear Dropout Area	Derailleur Cable Pinch Bolt	6-8
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 Thirteen: 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. Turn on the electrical system—Press and hold the start button on LCD display panel for approximately 3 seconds until power is delivered to the LCD Display.



4. Turn on the headlight if needed or desired. Once the LCD Display is on, Press and hold “ $\wedge$ ” button for approximately 3 seconds to turn on the headlight. Press and hold it for approximately 3 seconds again to turn the headlight off.



**5. Select the desired level of pedal assistance**—Select the level from 0-5 by pressing “ $\wedge$ ” and “ $\vee$ ”. Level 1 corresponds to the lowest level of pedal assistance, and level 5 corresponds to the highest level of pedal assistance. Level 0 indicates pedal assistance is inactive. Start in PAS level 0 or 1 and adjust from there.



**6. 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 level 0 or 1. You may also use the throttle to accelerate and maintain your desired speed.



7. **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.



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.

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

9. **Turn off the electrical system** by pressing and holding the start button approximately 3 seconds again before getting off the bike.

10. **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

**Trek Power Inc**

Toll Free: 1-855-997-7297

E-mail: [support@nakto.com](mailto:support@nakto.com)

Website: [www.nakto.com](http://www.nakto.com)

Adress:1683 Sierra Madre,Placentia,CA 92870