nakto

M3

Assembly Instructions: M3

Tools included: Screwdriver, Phillips & Slotted 2 in 1
Double open-end wrench, 13mm/15mm
Allen wrench, 3mm
Allen wrench, 4mm
Allen wrench, 5mm

Tools needed: Scissor
Bike pump

Let' s start assembling your NAKTO M3 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 (seat, manual, charger, pedals, keys, nut caps and toolkit) 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.

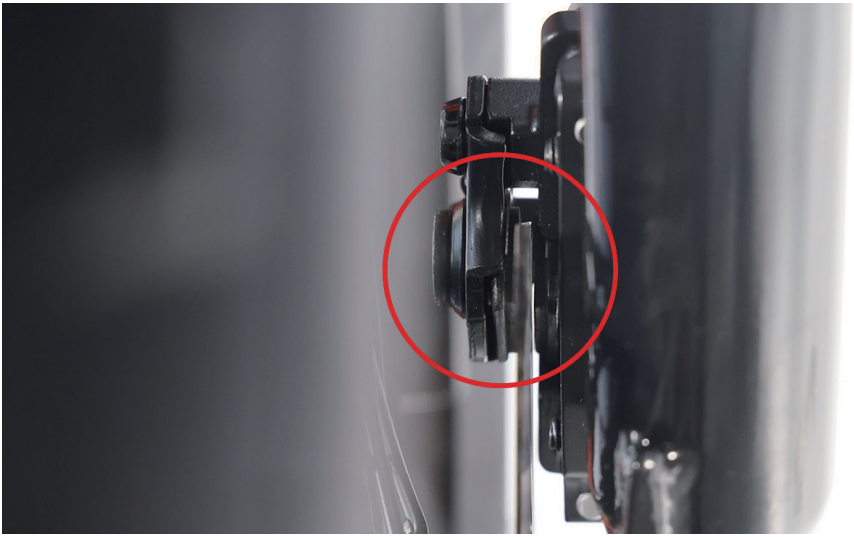
Ensure all the following pieces are included with the Nakto M3.

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 the thumb nut on front wheel to make enough room for the front fork.

2.While keeping the lever open, lift the front of the bike and lower the fork onto the wheel axle. **Notice:** The brake rotor should go into the brake caliper in between the brake pads and the axle should enter the fork dropouts fully. The front rotor orientation should be to the left of the fork.



3.Check that the wheel is fully seated in the dropouts and that it is centered. Hold the quick-release lever in line with axle and tighten the thumb nut on the opposite side until the lever can stay parallel to the floor without being held.

4.Use the palm of your hand to close the lever fully without touching the brake rotor. There should be enough resistance that the lever leaves an imprint on your palm.

Step Three：Install the handlebar.

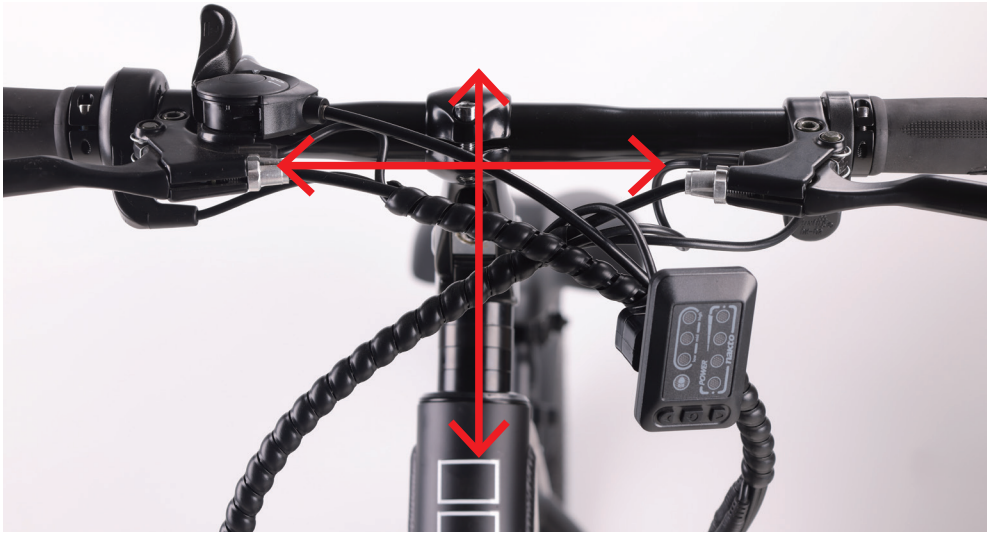
1.Loosen the bolt on the top of the steer stem with the supplied allen wrench. Remove the stem bolt and washer and set aside.

2.Remove and discard plastic spacer.

3.Install the handlebars onto the steer stem.

4.Pass the stem bolt through the washer mounting point and the stem mount, tighten with the supplied allen wrench part away.

5.Align the stem so the handlebar is perpendicular to the front wheel. Use the allen wrench to tighten the stem clamp bolts evenly (a half turn at a time alternating between the two bolts).



6.Tighten the bolt on the top of the steer stem with the supplied allen wrench.

7.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 LCD display.

1.Loosen the bolts on the LCD display clamp with the supplied allen wrench and set aside.

2.Remove the spacer.

3.Clamp the LCD display onto the handlebars and align it with the stem.

Notice: the stem will go in between the two LCD display clamps.

4.Tilt the LCD display to the optimal position and tighten the bolts.

Step Five：Adjust the front brake system.

NOTICE: The The adjustment of the front brake system is not easy. The following steps are only a general guide to assist in the adjustment of the front brake system. Consult a certified, reputable bike mechanic to assist with it.

The end goal is a caliper that is parallel to the rotor, with even gap (2mm-3mm) on each side, and an adequate lever feel. Before adjusting the front brake system, make sure the axle nuts in Step One have been tightened.

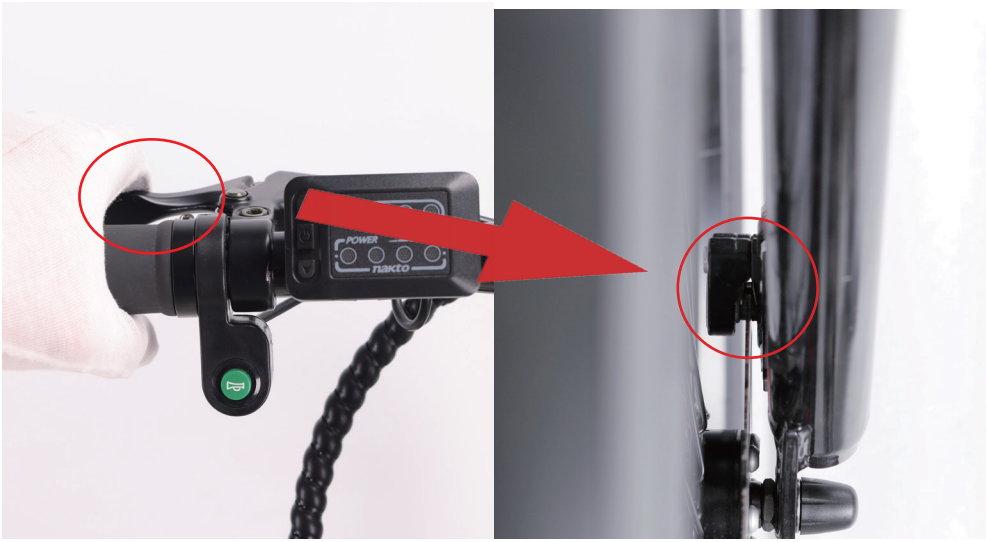
1.Alignment procedure of the front brake.

Notice: Usually, all bike's rear brake were adjusted in the good condition at factory. If not, alignment procedures are the same for front and rear brakes. The end goal here is to keep 2mm-3mm clearance on either side of the disc brake rotor so that the pads do not rub on the rotor when they are not applied.

On the front disc brake caliper there are two bolts mounting it to the front fork. Loosen the mounting bolts until the caliper body is able to freely move side to side. Then squeeze the brake lever (this centers the caliper body over the rotor) . While holding the lever, tighten the bolts. Release the brake lever, spin the wheel and check for pad rub. If there is no rubbing, the pads are aligned. Secure the mounting bolts to full torque and your work is complete.

If the pads are still rubbing, we need to do some fine-tuning. Loosen one bolt at a time and adjust until there is a gap on either side of the rotor. Once the pads are not rubbing, fully secure each mounting bolt and the process is complete.
To achieve proper gap, it is sometimes necessary to move pads by pad adjusters. Calipers are equipped with pad adjusters that move the brake pads in or out from the rotor. Note: Turning the mounting bolt clockwise will move the pad closer to the rotor. Turning it counterclockwise will move it away from it. Adjust the mounting bolt with the supplied allen wrench.

2.Check and adjust the travel at the brake lever at the handlebars. Typically, the pads should feel like they are contacting the rotor at a minimum of 1/2 the lever travel. We will get it by adjusting the brake cable tension.



Loosen the bolt on the end of the disc brake caliper arm with the supplied allen wrench to adjust the brake cable tension. Once achieve the required tension mentioned above, fully secure the mounting bolt and the process is complete.

Step Six: Install the 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. Pass the front fender mounting point under the front fork arch from the back of the front tire.
3.Attach the headlight and fender to the fork arch. Pass the bolt through the headlight mount, the fender mounting point and the fork arch mounting point. Tighten with the supplied screwdriver. **Notice:** the fender bracket will go in between the arch bracket and headlight bracket.

4.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 Seven: Install the seat.

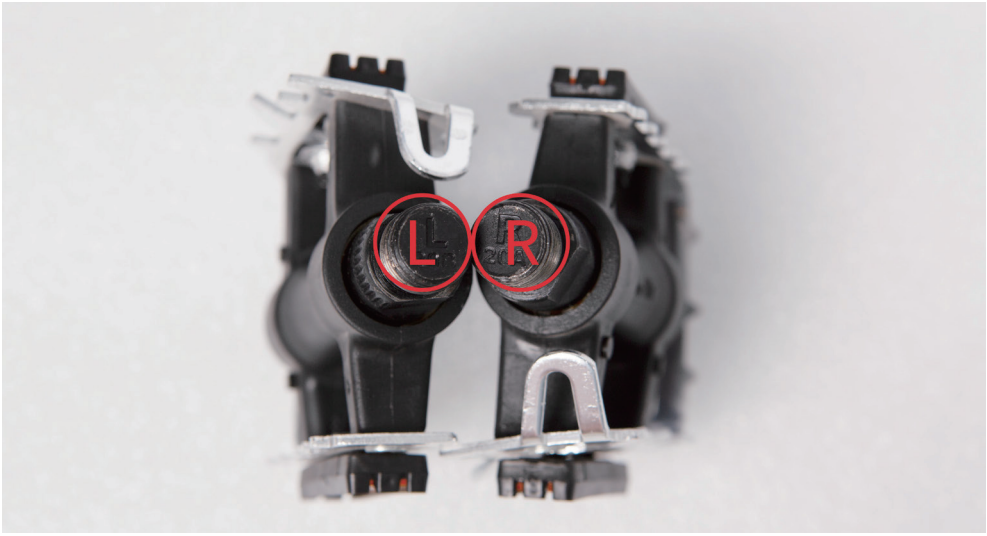
1.Open the quick release lever by hinging it open fully.

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 Eight: 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 Nine：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 Ten: 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 Eleven: 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	Stem Bolts	10
Handlebar Area	Brake Lever Clamp Bolt	6
Handlebar Area	Shifter Clamp Screw	6
Handlebar Area	Angle Adjustment Bolt	18
Brakes	Caliper Adapter to Frame	6-8
Brakes	Caliper to Adapter	6-8
Brakes	Brake Cable to Caliper Clamp	6-8
Brakes	Disc Brake Rotor to Hub	7
Fenders	All Fender Mounting Bolts and Hardware	6

Hardware Location	Hardware	Torque Required (Nm)
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	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 Twelve: 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.**Sit on the bike.**

2.T**urn on the electrical system**——Press and hold the start button on the display for approximately 3 seconds until power is delivered to the display.

3.**Turn on the headlight** if needed or desired. Once the controller is on, press “ ⌒ ” button to turn the headlight on. Press it again to turn the headlight off.

4.Select the desired level of pedal assistance——Select the level from “Low” to “High” by pressing “ ⌃ ” and “ ⌄ ” . “Low” corresponds to the lowest level of pedal assistance, and “High” corresponds to the highest level of pedal assistance. Start in PAS level “Low” and adjust from there.

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 level “Low” . 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.

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 (Note: as a safety feature applying either front or rear brake will disengage the motor.)

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

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

WARING

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 eblike 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.

nakto ELECRTIC BICYCLE

Trek Power Inc
Toll Free: 1-855-997-7297
E-mail: support@nakto.com
Website: www.nakto.com
Adress:1683 Sierra Madre,Placentia,CA 92870