


nakto

S02




Assembly Instructions: S02



Tools included: Screwdriver, Phillips & Slotted 2 in 1
Double open-end wrench, 8mm/10mm
Double open-end wrench, 13mm/15mm
Allen wrench, 3mm; Allen wrench, 4mm
Allen wrench, 5mm; Allen wrench, 6mm

Tools needed: Scissor
Bike pump



Let's start assembling your NAKTO S02 ebike!

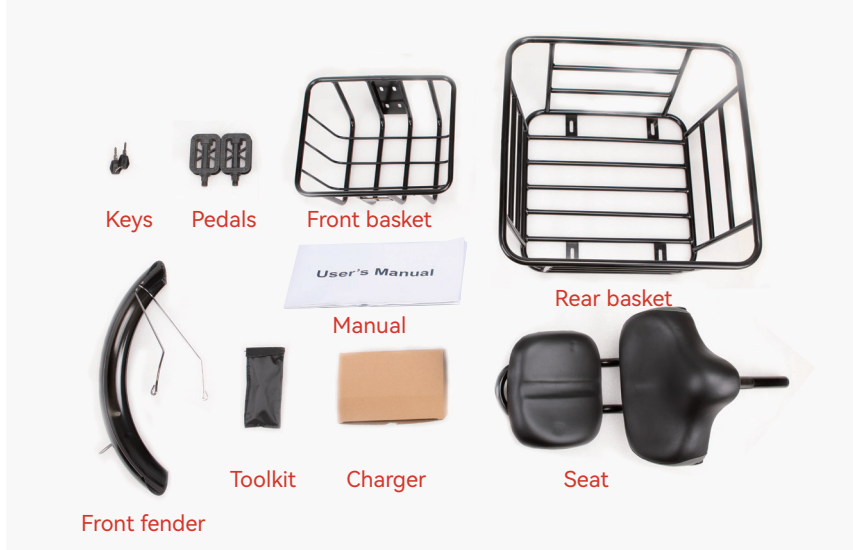
(Please read this entire assembly manual before assembly as it will save you a lot of time!)

Step One: Unpack the bike

1. Pull the frame and all parts (Keys, Pedals, Front basket, Rear basket, Manual, Front fender, Toolkit, Charger, Seat) 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.

2. Ensure all the following pieces are included with the Nakto S02



Step Two: Assemble the front wheel

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



2. 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. After inserting the front axle onto the fork, you will need to line up the axle lock washers (these are the metal washers, put thin one on the inside, thick one on the outside) 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.



4. 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.

5. Push the black plastic nut caps onto the axle nuts.



6. Plug in the motor cable.

Step Three: Install the handlebar

1. Loosen the four stem faceplate bolts with supplied Allen wrench. Remove the stem faceplate and set aside.



2. Place the handlebar on the stem correctly. Trace the front brake cable directly up from the front brake caliper to the left handlebar and ensure the cables and wires are not twisted.
Notice: The horn is on the left hand side and the gear shift is on the right.



3. Center the handlebar and tighten the 4 bolts on stem faceplate evenly.



4. 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



5. Adjust the angle of the display according to your personal preference.



6. Hold the brake tightly and press the parking button when stopping the ebike, the brake is locked to start the parking function, the ebike will not move.



Cancel the parking function: Hold the brake handle and pull up the parking button to cancel the parking function.



Step Four: Install the front fender

1. Remove the fender mounting bolt from the fork arch with the supplied wrench 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. Tighten with the screwdriver.



Step Five: Install the front basket

1. Remove the front basket screws



2. Assemble the front basket. The 4 holes of the basket are aligned with the 4 holes of the frame, use the screwdriver to assemble it with front basket screws.

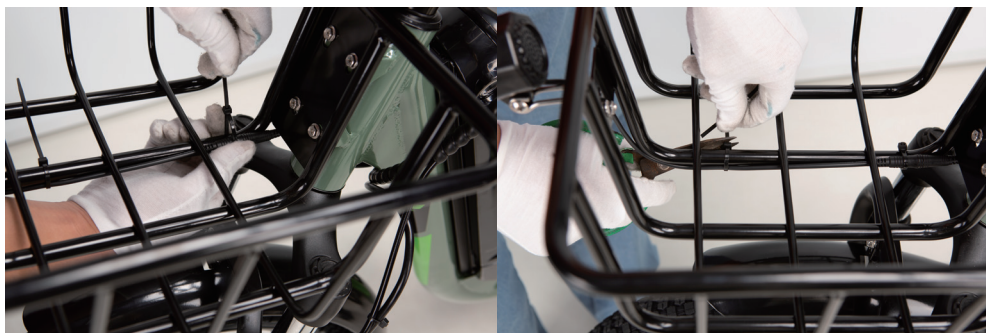


Step Six: Install the front light

1. Align the headlight with the hole in front of the basket, lock it tightly with the screw, and the angle of the light can be adjusted by yourself.

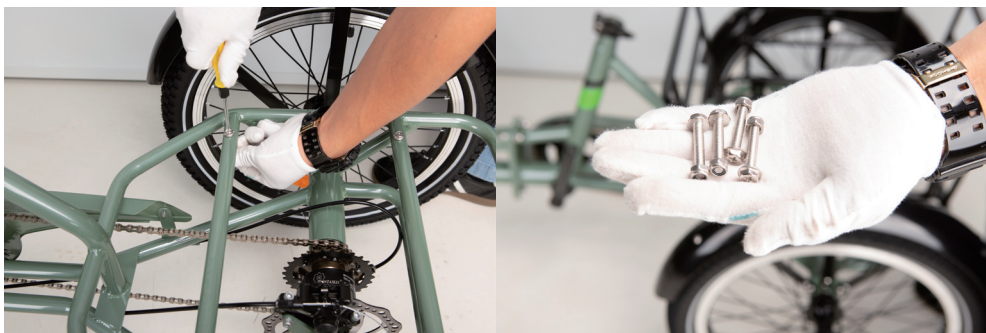


2. Fix the headlight cable. Fix the headlight cable to the bottom of the basket with a zip tie. Then cut off the excess part of zip tie.



Step Seven: Install the rear basket

1. Remove the four mounting bolts from the rear frame.



2. Align the 4 holes of the rear basket with the 4 holes of the rear frame, with an even distance between the left and right, and put back the mounting bolts, tighten it with screwdriver.



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: 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 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: There is a switch located opposite the charging port. During regular use, it should be kept in the "o" position to protect the battery and minimize power loss. Before charging, it needs to be pressed to the "-" position. Plug the charger into the battery's charging port before connect the charger input plug (110/220-volt) to the power outlet.



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 Eleven: Ensure all hardware is tightened properly following recommended torque values

Recommended Torque Values

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.

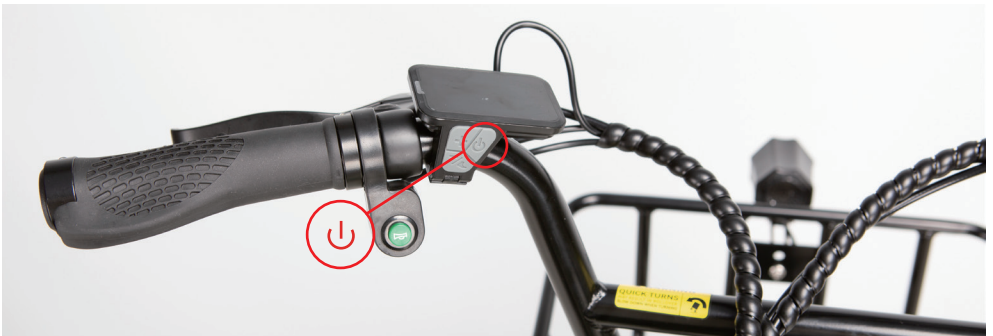
The twist throttle—The throttle is located on the right side of the handlebar. The rider can use it with a twist of the throttle grip to propel the bike forward without pedaling.

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

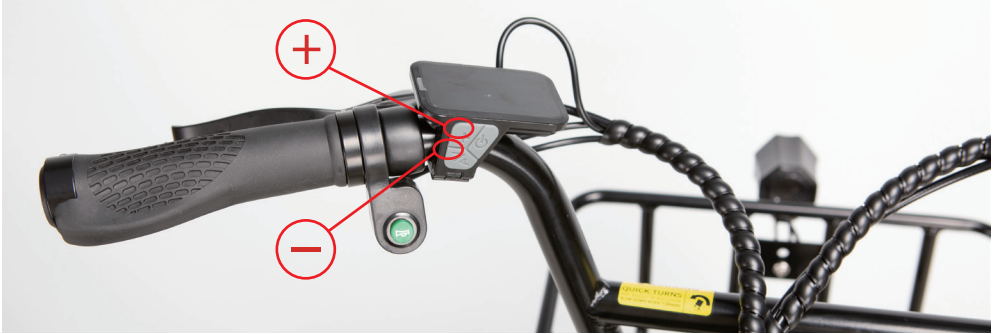
Start-Up Procedure

1. **Sit on the bike.**

2. **Turn on the electrical system**—Press the “⏻” button on the left side of the handlebar for approximately 3 seconds until power is delivered to the LCD Display.



3. Select the desired level of pedal assistance—Select the level from 0-5 by pressing “+” and “-” . 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.



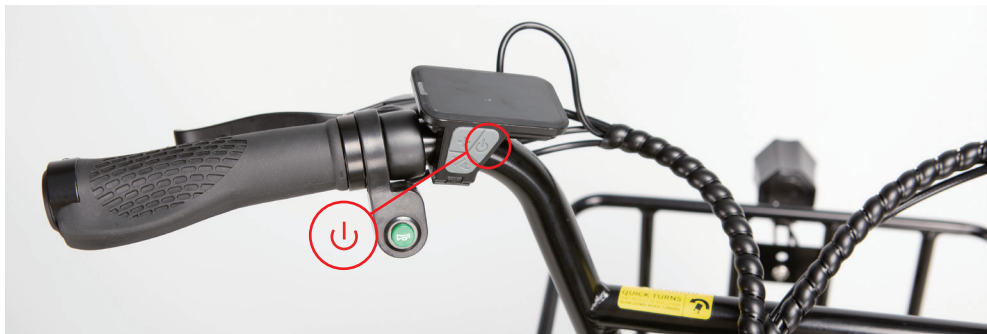
4. Begin riding carefully—Hold handlebars and start pedaling on a flat surface, in a low gear (1 or 2), most riders should be able to begin pedaling the bike with pedal assist level 0 or 1. You may also use the throttle to accelerate and maintain your desired speed.

5. 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.



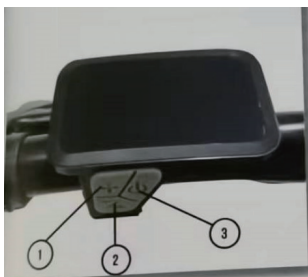
7. **Brake**—Brake the bike by squeezing the brake lever (**Notice:** as a safety feature applying either front or rear brake will disengage the motor.)

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



DISPLAY

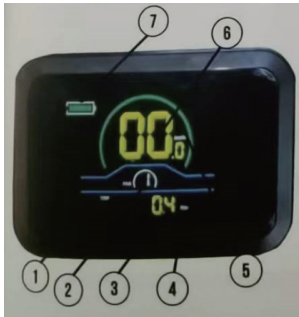
Below you will find the display of the Paris These are what each function does or displays



1) **Plus (+)** - Press this to increase the level of pedal assist , or to increase a setting value in the advanced menu (see next page). **Press and hold** this button to turn on the headlights.

2) **Minus (-)** - Press this button to decrease the level of pedal assist, or decrease a setting value in the advanced menu (see next page). Press and hold this button to turn on walk mode (the bike will move engage automatically at 4 km/h)

3) **Power button** - Press and hold this button to turn on and off the unit. Press it quickly to switch the display from Odometer / Trip Meter / MaximumSpeed / Average Speed. Press this to switch from settings in the advanced menu (see next page)



1) **Trip / ODO / MAXS I AVG** - Indicates the current trip mileage, total mileage, maximum speed travelled, and average speed respectively.

2) **Pedal Assist** - Shows the level of pedal assist. 0 is no assist. 1 is the least amount of assist (use to get the longest range) and 5 is the most amount of pedal assist (use to get there the fastest with the least effort.)

3) **Odometer Meter** - Shows the value of the setting above

4) **KM / Miles** - Shows whether the value is in kilometers or miles

5) **KMH / MPH** - Shows what value the speed is in.

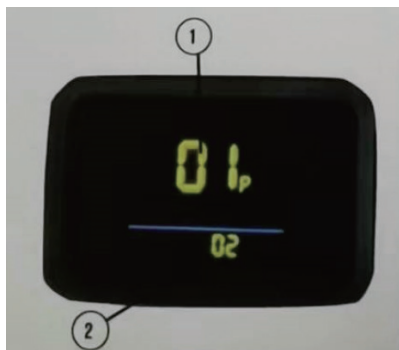
6) **Speedometer** - Shows the current speed

7) **Battery Meter** - Shows how much power it has left. 5 Bars is fully charged and 1 bar means it is about to run out of power.



DISPLAY ADVANCED

To access the advanced settings of your display press and hold the **(+)** and **(-)** buttons. To exit this menu press and hold the **Power Button** buttons again. Press the + or - on any flashing setting. To change the setting on any P Menu quick press the power button on any then press the plus or minus button to change it.



P01: Background lightness : 1dark, 2 normal, 3lightest;

P02: Distant unit, 0: KM; 1: MILE;

P03: Battery Voltage: 24V, 36V, 48V, default 36V;

P04: Sleeping time: 0, unlimited; 1-60 minutes;

P05: PAS Level: 0: 3 levels model :

Level1: 2V, Level 2: 3V, Level 3: 4V;

1,: 5 levels model:

Level 1:2V(12MPH), Level 2: 2.5V(13.1MPH), Level 3: 3V15.7(MPH),

Level 4: 3.5V(16.3MPH), Level 5:4V(19MPH);

P06: Wheel dismeter: Unit: inch;

P07: No of magnet steel for speed measurement: 1-100;

P08: Speed limit: Range 0-50 km/h, 50 means no limit

P09: Setting for zero/none zero start: 0: zero start ; 1: none zero start;

P10: Powering Model settings:

0 : PAS(throttle disabled, output power is corresponding to PAS levels)。

1 : Throttle(PAS disabled, output power is controlled by throttle turning, top speed it corresponding to PAS level settings)。

2 : PAS & Throttle(In P9, the setting has to be 1)。

P11: PAS sensitivity: Range 1-24;

P12: PAS starting intensity: Range 0-5;

P13: Magnet steel model for PAS: 5, 8, 12 three models

P14: Currency limit for controller : Range: 1-20A , default 12A

P15: Controller low voltage value

P16: ODO reset (Push and hold up button for 5 sec)

P17: 0: Cruiser disabled, 1: Cruiser abled

P18: Displayed Speed ratio adjust. range: 50%~150%,

P19: 0 effectiveness 0: yes, 1: no

P20: Protocols

TECHNICAL DATA

This section provides you with the technical specifications for your e-bike.

THE MOTOR AND WHEEL ASSEMBLY

The Paris 48V has a 500 Watt magnetic DC brushless motor on the rear wheel hub. This type of motor has excellent low-end torque and high efficiency when working within its range. Note that while the motor is very quiet, it does produce some noise. Also attached to the rear hub is the speed reduction gear and the speed free clutch.

THE FREEWHEEL

The wheels have freewheels, so the e-bike's drive train is not fixedly geared. This means that when coasting or traveling downhill, you can turn off the engine and your e-bike will continue to move without slowing. This feature will allow you to achieve faster speeds when coasting, moving downhill or moving with the wind. It will also allow you to conserve electrical power, because you will be able to let the motor rest while moving.

THE CONTROLLER

Daymak pioneered the development of intelligent component control in e-bikes. The Daymak Drive technology developed by Daymak is the brain of your e-bike, It allows your e-bike to achieve faster acceleration, to climb steeper hills, and to save energy.

The electronic controller is located under the seat assembly, This controller efficiently regulates the speed and electronic functions of the bicycle. It allows for stepless speed adjustment, shuts off the motor when the brakes are activated, has low voltage protection and has fuses to prevent excess current from damaging the e-bike's systems.



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.

Directions for assembly of the bicycle required in the instruction manual by § 1512.19(a)(2) shall include an explicit warning about the danger of the damaging the stem-to-fork assembly and the risk of injury to the rider that can result from over tightening the stem bolt or other clamping device.



WARNING: Riding at dawn, at dusk, at night or at other times of poor visibility without a bicycle lighting system which meets local and State laws and without reflectors is dangerous and can result in serious injury or death.

Even if you have excellent night vision, many of the

Wheels Repair and Service

Wheel Inspection

It is most important that wheels are kept in top condition. Properly maintaining your bicycle's wheels will help braking performance and stability when riding.

Be aware of the following potential problems:

Dirty or greasy rims

Caution: These can render your brakes ineffective. DO not clean them with oily or greasy materials. When cleaning, use a clean rag or wash with soapy water, rinse and air dry. Don't ride while they're wet. When lubricating your bicycle, don't get oil on the rim braking surfaces.

Wheels not straight:

Lift each wheel off the ground and spin them to see if they are crooked or out of round. If wheels are not straight, they will need to be adjusted. This is quite difficult and is best left to a bicycle specialist.

Broken or loose spokes:

Check that all spokes are tight and that none are missing or damaged. **Caution:** Such damage can result in severe instability and possibly an accident if not corrected. Again, bicycle specialist best handles spoke repairs.

Loose hub bearings:

Lift each wheel off the ground and try to move the wheel from side to side. **Caution:** If there is movement between the axle and the hub, do not ride the bicycle. Adjustment is required.

Axle nuts:

Check that these are tight before each ride.

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Assembly Guide

(step by step video)



or search "Naktor Club" on Facebook

Thank you!

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