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E-BIKE **EB3L**

USER MANUAL

Before using the product, please read this manual. Read carefully and keep for future reference.

Illustrations of product, accessories, and user interface in the user manual are for reference purposes only. Actual product and functions may vary due to product enhancements.

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INSTRUCTIONS PERTAINING TO RISK OF FIRE OR ELECTRIC SHOCK



IMPORTANT SAFETY INSTRUCTIONS

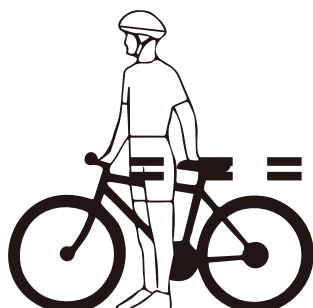
WARNING:

When using this product, basic precautions should always be followed, including the following:

- a) Read all the instructions before using the product.
- b) To reduce the risk of injury, close supervision is necessary when the product is used near children.
- c) Do not put fingers or hands into the product.
- d) Do not use this product if the flexible power cord or output cable is frayed, has broken insulation, or any other signs of damage.
- e) This equipment is not intended to be used at ambient temperatures less than -4°F (-20°C) or above ambient temperatures of 104°F (40°C).
- f) The battery is intended to be charged when the ambient temperature is between 32°F (0°C) and 104°F (40°C). Never charge the battery when ambient temperatures are outside this range.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

Rider Height Guide



**= 1" Not less than one
inch clearance**

**THERE MUST BE AT LEAST 1 INCH OF
CLEARANCE BETWEEN THE TOP TUBE AND THE
CROTCH OF THE INTENDED RIDER WHILE
STANDING WITH ONE LEG ON EACH SIDE OF THE
BICYCLE. IF THERE IS LESS THAN 1 INCH
CLEARANCE, THE BICYCLE IS TOO LARGE FOR
THE RIDER AND SHOULD NOT BE USED.**

PRODUCT OVERVIEW



- 1 Display
- 2 Brake Levers
- 3 Headlight Switch
- 4 Horn Switch
- 5 USB Output Port
- 6 Front Reflector
- 7 Gear Shifter
- 8 Twist Throttle



- 1 Headlight
- 2 Front Fender
- 3 Suspension Fork
- 4 Disc Brake Rotors
- 5 Battery
- 6 Saddle
- 7 Taillight
- 8 Rear Fender
- 9 Kickstand
- 10 Pedals

PACKAGE CONTENTS

If any parts are missing or damaged, please contact us.



E-bike x1
(Partially Assembled)



Front Wheel x1
Quick-Release Skewer x1



Saddle x1



Front Fender x1



Rear Fender x1



Headlight x1



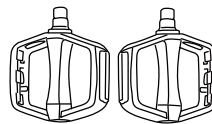
Taillight x1



Rubber Plug for Headset
Top Cap Bolt x1



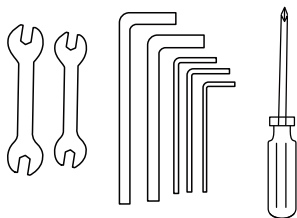
Rear Left Axle Nut
Cover x1



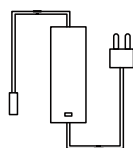
Left Pedal x1
Right Pedal x1



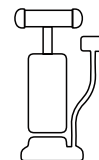
Battery Key x2



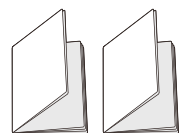
Toolkit x1



Charger x1



Pump x1



User Manual x1
Safety Instructions x1

ASSEMBLY

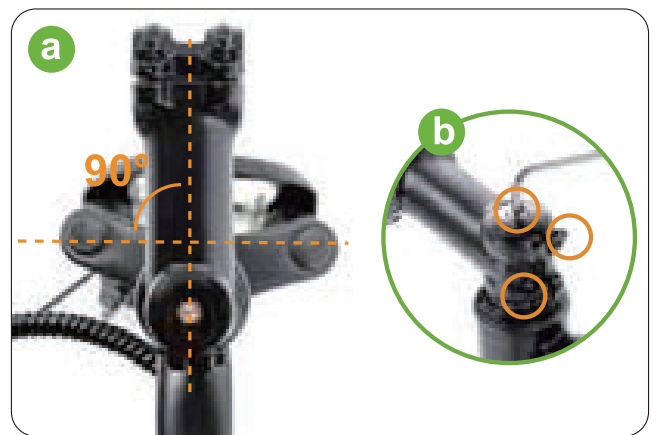
STEP 1: Install the Handlebar

1. Place the e-bike on a level surface stably.

TIP: Do not to put down the kickstand yet.



2. Rotate the stem to the position where it is perpendicular to the fork crown as shown, then tighten the headset top cap bolt and two binder bolts.



3. Insert the rubber plug into the head of the headset top cap bolt.



4. Remove the faceplate of the handlebar clamp.



NOTE: ALL four bolts must be removed. Otherwise, the handlebar cannot be positioned into the clamp.

5. Place the handlebar into the clamp and the faceplate over the front of the handlebar, and fully tighten the bolts in an X pattern.



6. Ensure the faceplate bolts are tightened evenly, i.e., the gaps between the stem and the faceplate should typically be even on the top and bottom.



7. Adjust the reflector on the handlebar so that it faces forward, then use the supplied screwdriver to tighten its screws.



NOTE: Ensure the reflector faces straight forward so that it can reflect the lights of oncoming vehicles and alert them.

8. Adjust the display to your desired angle and then tighten its bolt.



STEP 2: Install the Headlight & Front Fender

1. Remove the pre-installed bolt from the headlight & front fender mounting hole on the fork arch.



2. Pass the bolt through the brackets of the headlight and front fender, then retighten the bolt into the mounting hole.



3. Align the arrows on the connectors and connect the headlight cable.



STEP 3: Install the Front Wheel

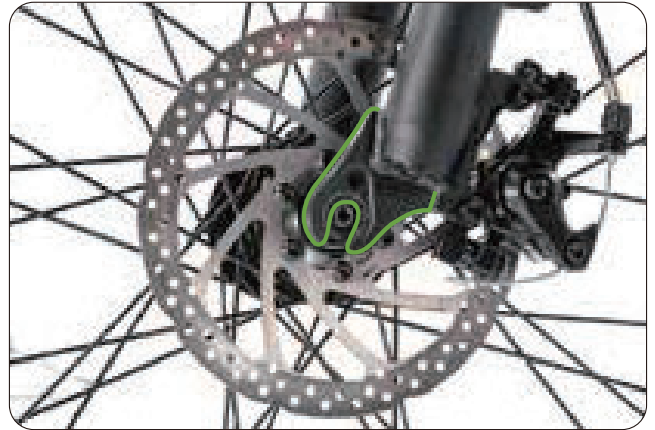
A second person is required to lift the front of the e-bike when installing front wheel.

1. Remove the front fork protector.



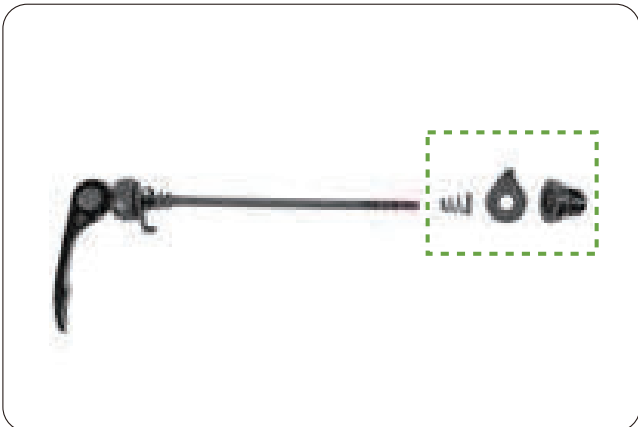
TIP: Save the front fork protector for future use. The protector protects the fork blades from deformation during transportation when the wheel is removed.

2. Sit the front fork onto the wheel axle.

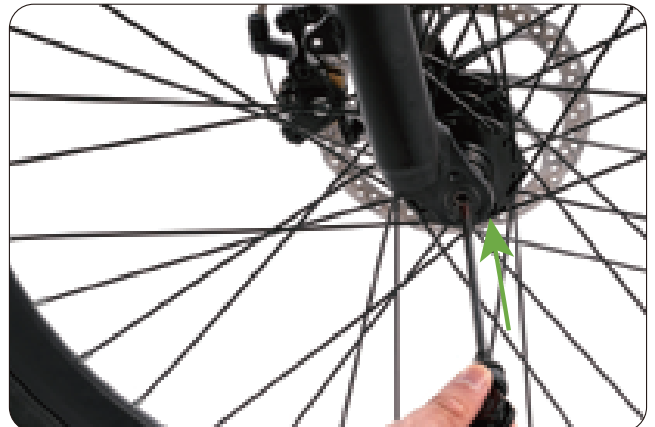


NOTE: Ensure the brake rotor centers between the brake pads and the wheel axle is fully seated in the dropouts.

3. Remove the acron nut with its safety washer and corn spring from the quick-release skewer.



4. Pass the quick-release rod through the front wheel hub from the opposite side of the brake rotor.



5. Slide the cone spring and safety washer onto the quick-release rod, hook the safety washers into the small holes above the fork dropouts, and rotate the acorn nut onto the quick-release rod (do not fully tighten yet).

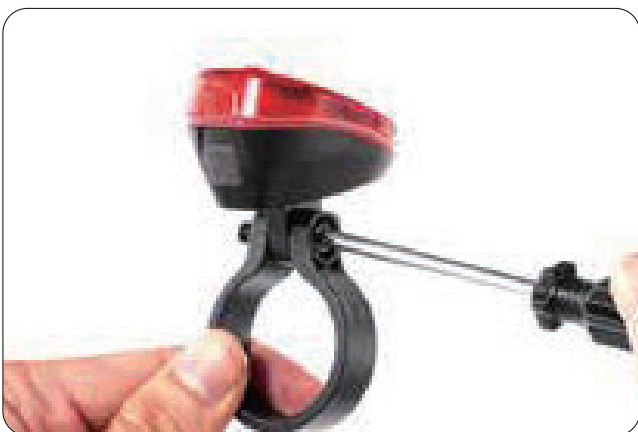


6. Rotate the acorn nut until the quick-release lever can be closed with resistance at the halfway-closed point, then close the quick-release lever (vertically just before the fork blade rather than behind it).



STEP 4: Install the Taillight, Rear Fender & Saddle

1. Carefully remove the screw from the rear fender clamp without letting the nut fall out of its slot.



2. Insert the rubber spacer strip inside the clamp.



3. Place the clamp around the seatpost, then pass the screw through the clamp hole and the taillight mounting hole. While holding the nut with your thumb, re-tighten the screw.



4. Insert the seatpost into the rear fender clamp, adjust the rear fender to the desired height, and tighten its screw.



5. Open the lever of the seatpost clamp, insert the seatpost into the seat tube, and adjust the saddle to your desired height. Then fully tighten the seatpost clamp.



 **WARNING:** For riding safety, the seatpost clamp must be fully tightened to avoid a slipping seatpost.

6. Adjust the taillight and rear fender to the desired height and angle, ensuring the taillight faces directly backward and the minimum insertion mark on the seatpost is fully inserted into the seat tube.



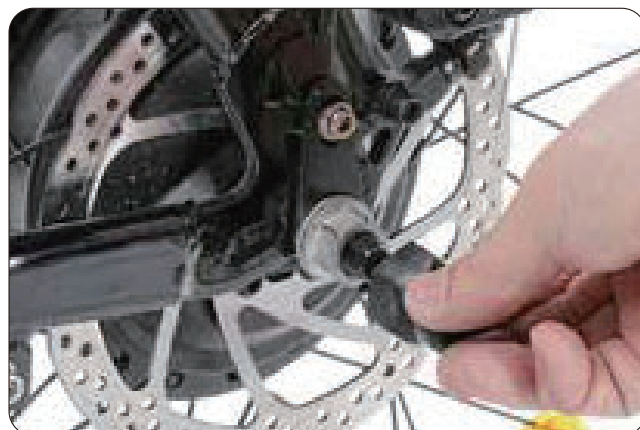
STEP 5: Install the Pedals

Rotate the pedals' axles (in the directions of the arrow marks on the crank arms) onto the crank arms, then tighten them with an appropriate open-end wrench.



STEP 6: Cover the Rear Axle Nut

Cover the rear axle nut on the left side to prevent from rusting.



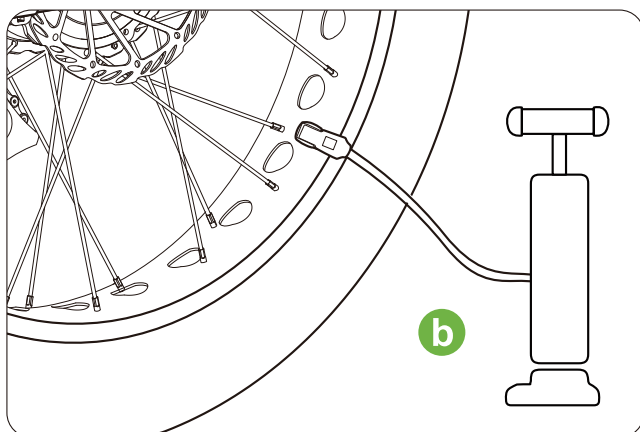
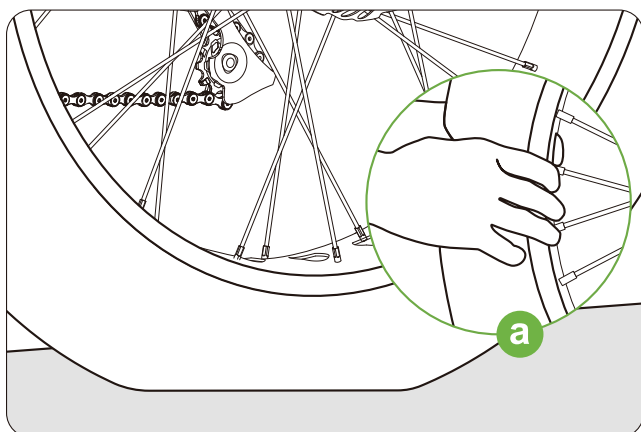
STEP 7: Fully Charge the Battery

Fully charge the battery before each ride.



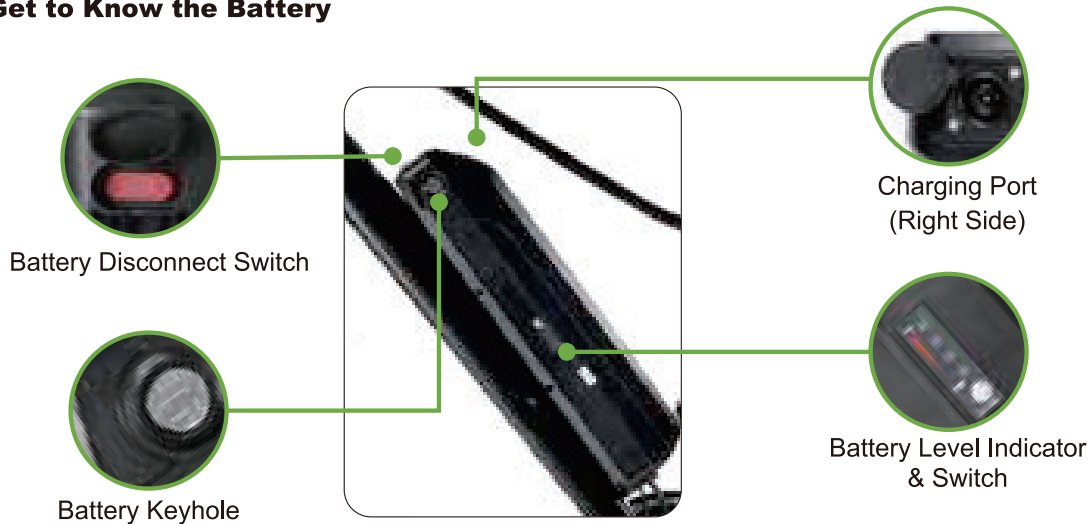
STEP 8: Check Tire Pressure

After assembling the e-bike and before each ride, check the tires. If they feel soft or spongy, inflate them to the proper pressure.



CHARGING INSTRUCTIONS

Get to Know the Battery



Battery Disconnect Switch

- When the disconnect switch is toggled to the “I” position, you can power on the e-bike.
- When the disconnect switch is toggled to the “O” position, you can NOT power on the e-bike.

Battery Keyhole

- Turn the key counterclockwise to lock the battery, and the battery can NOT be removed. The key can be removed.
- Turn the key clockwise to unlock the battery, and the battery can be removed. The key can be removed.

Battery Level Indicator & Switch

Besides the battery level icon on the screen, you can also press this button to check the battery level without powering on the e-bike (when battery switch in “I” position).

The more lights are on, the higher the battery level.

NOTE:

- After each ride, before charging, or when the e-bike is not used for extended periods, toggle the disconnect switch to the “O” position to disconnect the battery from the controller.
- Always lock the battery before riding the e-bike.

To Charge the Battery

1. Power off the e-bike if the battery is to be charged on the e-bike.
2. Connect the charger to an electrical outlet. The charger indicator will glow green.
3. Connect the charger to the battery, and the charger indicator will glow red (if the battery level is not 100%).
4. When the battery is fully charged, the charger indicator will glow green again.
5. Unplug the charger from the battery and the outlet in time.

Manufacturer-approved charger model:

HLT-180-4201500, made by Shenzhen Hyleton Technology Co Ltd



Battery Storage: Store batteries in a cool, dry place away from direct sunlight and flammable materials.



Charging Guidelines: Use only manufacturer-approved chargers; charge in well-ventilated areas; unplug once fully charged; keep the charging port cover closed when not charging.

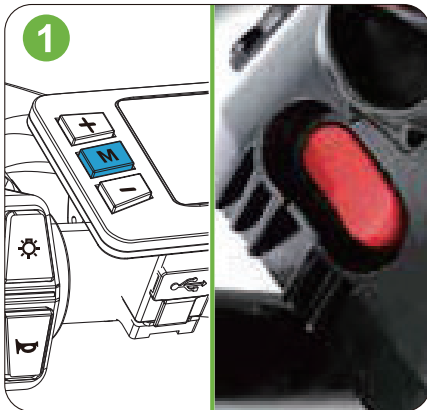


Safety Measures: Regularly inspect for damage; keep terminals clean and dry; do not attempt self-repairs.

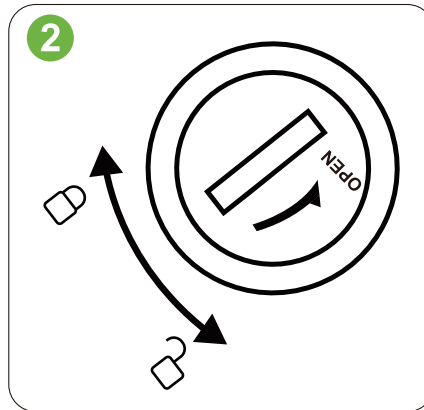


Warning: If the battery overheats, leaks, emits an odor, or changes shape/color, discontinue use immediately.

To Remove the Battery



Hold the “M” button to power off the e-bike and toggle the disconnect switch to the “O” position.



Insert the key into the keyhole and turn it counterclockwise to the end to unlock the battery.

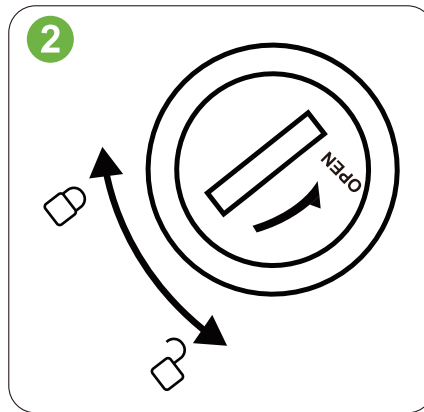


Hold the battery with two hands and remove it.

To Install the Battery



Install the battery onto the frame.



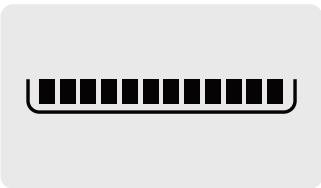
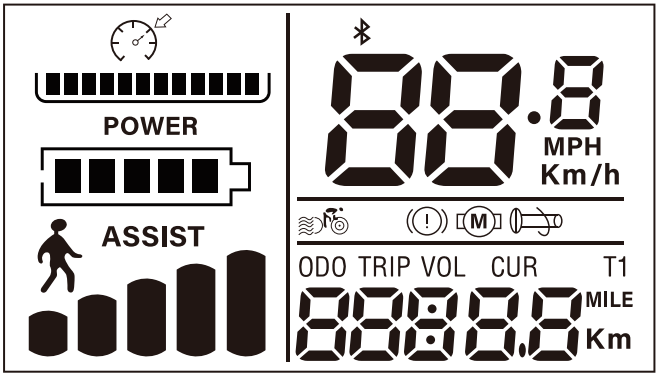
Turn the key fully clockwise to the end to lock the battery.



Remove the key.

NOTE: Every time before you install the battery, ensure there is no debris or moisture on the battery connectors to avoid short circuits.

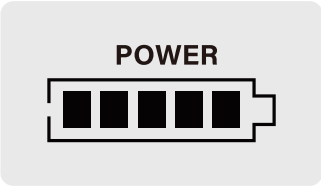
DISPLAY



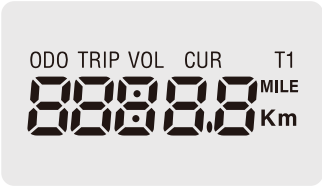
Motor Current
Indicator Bar



Real-time Speed



Battery Level



ODO : Total Distance
TRIP : Trip Distance
VOL : Battery Voltage
CUR : Controller Current
T1 : Runtime



Cruise Control



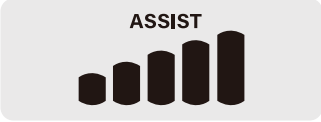
Motor Overheat
Protection Alarm



Walk Mode



App Connected



Assist Level



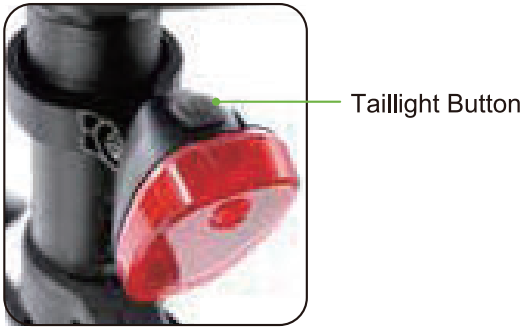
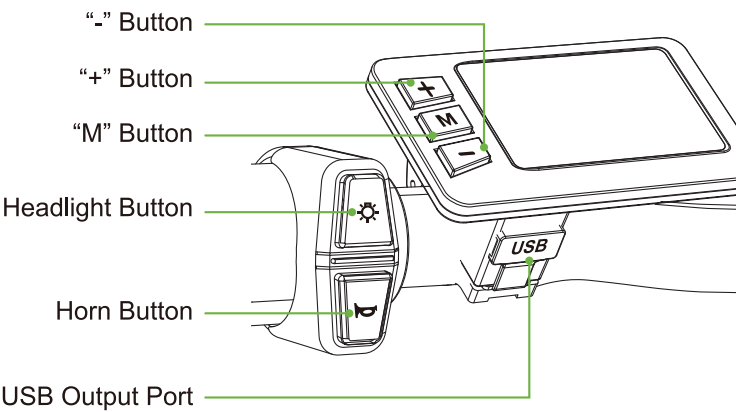
Brake Applied

Error Codes

If you see any listed error code on the screen, contact us for support.

E01	Controller Fault
E02	Communication Fault
E03	Hall Sensor Fault
E04	Throttle Fault
E05	Brake Lever Fault
E06	Motor Phase Loss Fault

BASIC OPERATIONS



- **Power ON/OFF**

Press and hold the **“M” button** for 2 seconds.

- **Increase/Decrease Assist Level**

Press the **“+”** or **“-” button** to increase or decrease the assist level by 1 when the e-bike is powered on.

- **Walk (Assist) Mode**

Press and hold the **“-” button** to enter walk assist mode and release to exit when the e-bike is powered on.

- **ODO, TRIP, VOLT, CUR and T1 Selection**

Press the **“M” button** to cycle through these items when the e-bike is powered on.

- **USB Output Port**

When the e-bike is powered on, uncover the USB output port, and you can charge your electronic devices via a USB cable (NOT included).

- **Headlight ON/OFF**

Press the **Headlight button** when the e-bike is powered on.

- **Taillight ON/OFF**

Press the **Taillight button**.

- **Sound the Horn**

Press or hold the **Horn button**.

- **Factory Reset**

When the e-bike is powered off, press and hold the **M button** for about 10 seconds.

NOTE:

- The e-bike will automatically power off after 10 minutes of inactivity.
- Cover the USB output port when not in use to prevent dust or water ingress.

Speed Levels

Assist Level	Max Speed
0 (after each restart)	NO Motor Output
1	10 mph
2	12 mph
3	15 mph
4	18 mph
5	20 mph

SETTINGS

There are five setting items in the settings menu.

P01: System of units (00000 means metric and 00001 means imperial)

P02: Cruise control (00000 means disable and 00001 means enable)

P03: Screen brightness (00001 means the darkest, 00002 means standard brightness, and 00003 means the brightest)

P04: Odometer resetting

P06: Throttle Response (00000 means slow and 00001 means fast)

1. Press and hold the “+” and “-” buttons simultaneously to enter the settings menu.
2. Press the “M” button to cycle through P01, P02, P03, P04, and P06.
 - *When selecting P01, P02, P03, or P06, press “+” or “-” button to change its parameter;*
 - *When selecting P04, press and hold “+” button to reset the odometer, i.e., total distance.*
3. Press the “M” button to switch to the next setting item (changed setting items will be saved).
4. Hold the “+” and “-” buttons simultaneously or wait 8 seconds to save all the changes and return to the home screen.

NOTE: With cruise control enabled, maintaining a consistent speed for about 6 seconds will activate the feature, and the e-bike will continue that speed without twisting the throttle or pedaling.

FOR YOU SAFETY

Riding in Rainy Weather

Try to avoid cycling in wet weather. Only ride in the rain when necessary. The electric bike is not suitable for use in heavy rain or in places with deep water. Do not immerse or submerge this product in water or liquid, as the electrical system may be damaged.

- Be extra careful when riding in wet weather.
- Slow down to reduce risk.
- Brake in advance, as it takes longer to slow down and stop compared to dry conditions.
- Enhance your visibility. Wear reflective clothing, use approved lights.
- Wet weather is more likely to cause road hazards, be cautious.
- Do not leave the e-bike out in the rain.

Riding at Night

Riding at night should be done with extra caution. Cyclists can be hard to spot in the dark by drivers and pedestrians, making night riding more dangerous than riding during the day. Always remember, choosing appropriate clothing and specific equipment to reduce the risk of injury when riding under adverse conditions is important.

Warning! Reflectors cannot replace the required lights. Without necessary lights and reflective devices, it can be difficult for other cyclists and motorists to see the rider. If riding at night, take all necessary precautions to make yourself more visible through lights and reflectors. If the visibility of the cyclist is too low, it may result in serious injury or death. Reflectors can be used to reflect the light from cars and street lamps when the rider is moving, helping you become clearer and more visible when riding.

MAINTENANCE



Modifying or attempting to repair the e-bike system is strictly prohibited.

- **Brakes**

Make sure that the brakes and their system components are undamaged, correctly fixed, and functioning properly. Neither the front nor the rear brake levers should touch the handlebars. If you find any issues with the brakes, take the bicycle to an experienced bicycle repairer for fixing.

- **Tires and Wheels**

The wheels should always rotate in a straight line. If they sway side to side or bob up and down during rotation, they need to be repaired or replaced. If the wheel becomes unstable or the spokes are loose, this may affect normal use. It is recommended to have a bicycle repairman make all wheel adjustments and truing for your bicycle. Unless you have sufficient knowledge, tools, and experience. Do not attempt to true the wheel or tighten the spokes.

Ensure that the tires and inner tubes are in good condition, with no visible damage, and that the air pressure is stable. Be sure to replace punctured or cut tires and inner tubes. Riding with damaged tires or tires without proper air pressure will decrease performance, increase wear on the tires and components, and make riding the bicycle unsafe.

- **Accessories**

Ensure all hardware is secured, and all approved accessories are correctly connected as per the specific component manufacturer's instructions. It's best to first check all hardware and accessories. If you find any problems or are unsure, seek help from an experienced bicycle repairer.

- **Forks, Handlebar, Grips, and Seat Adjustment**

The forks on your e-bike can affect its handling, so it's necessary to understand how they work before use. Adjust the forks appropriately according to your weight and terrain.

Ensure the handlebar and stem are aligned to suit the user and tightened to the recommended torque value.

Handlebar grips should not move easily on the ends of worn handlebars.

Damaged handlebar should be replaced before riding, and the seat and seat post should be correctly aligned. Before riding, the seat post clamp (if equipped) should be appropriately tightened, fully closed, and secured.

SPECIFICATIONS

Model	EB3L
E-Bike Weight	49.4 lbs (22.4 kg)
E-Bike Size	66.5x26.8x40.2 in (169x68x102 cm)
Motor Power	500 W
Max Speed	20 mph
Range	28–37 miles (45–60 km) *
Max Load Capacity	264 lbs (120 kg)
Battery Capacity	DC 36 V, 10.4 Ah
Charger Input	AC 100–240 V, 50/60 Hz
Charger Output	DC 42 V, 1.5 A
Charging Time	5–6 h
Operating Temperature	-4°F–104°F (-20°C–40°C)
Charging Temperature	32°F–104°F (0°C–40°C)
Storage Temperature	68°F–77°F (20°C–25°C)
Waterproof Rating	IPX4

* About the range: Measured in a laboratory under 100% battery level condition. The range will differ depending on different factors, such as load, humidity, wind speed, and operation habits.

INSTRUCTIONS RELATIVES AUX RISQUES D'INCENDIE OU DE CHOC ÉLECTRIQUE



INSTRUCTIONS DE SÉCURITÉ IMPORTANTES

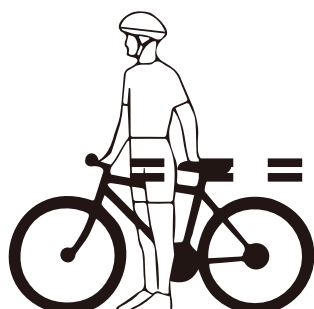
AVERTISSEMENT :

Lors de l'utilisation de ce produit, des précautions de base doivent toujours être respectées, notamment les suivantes :

- a) Lire toutes les instructions avant utilisation.
- b) Afin de réduire les risques de blessures, une surveillance étroite est nécessaire lorsque le produit est utilisé à proximité des enfants.
- c) Ne pas insérer les doigts ou les mains dans le produit.
- d) Ne pas utiliser ce produit si le cordon d'alimentation flexible ou le câble de sortie est effiloché, présente une isolation endommagée ou présente tout autre signe de dommage.
- e) Cet équipement n'est pas destiné à être utilisé à des températures ambiantes inférieures à -20 °C (-4 °F) ou supérieures à 40 °C (104 °F).
- f) La batterie est conçue pour être chargée lorsque la température ambiante est comprise entre 0 °C (32 °F) et 40 °C (104 °F). Ne jamais charger la batterie lorsque les températures ambiantes sont en dehors de cette plage.

CONSERVEZ CES INSTRUCTIONS POUR RÉFÉRENCE ULTÉRIEURE.

Guide de taille du cavalier



**1" Pas moins d'un
pouce de
dégagement**

Il doit y avoir au moins 2,5 cm d'espace libre entre le tube supérieur et l'entrejambe du cycliste, une jambe de chaque côté du vélo étant placée. Si l'espace libre est inférieur à 2,5 cm, le vélo est trop grand pour le cycliste et ne doit pas être utilisé.

PRÉSENTATION DU PRODUIT



- 1 Écran
- 2 Leviers de frein
- 3 Commutateur de phare
- 4 Commutateur de klaxon
- 5 Port de sortie USB
- 6 Réflecteur avant
- 7 Levier de vitesse
- 8 Manette d'accélérateur rotative



- 1 Phare
- 2 Garde-boue avant
- 3 Fourche suspendue
- 4 Disques de frein
- 5 Batterie
- 6 Selle
- 7 Feu arrière
- 8 Garde-boue arrière
- 9 Béquille
- 10 Pédales

CONTENU DE L'EMBALLAGE

Si des pièces sont manquantes ou endommagées,
veuillez nous contacter.



Vélo électrique x1
(Partiellement assemblé)



Roue avant x1
Broche à démontage rapide x1



Selle x1



Garde-boue avant x1



Garde-boue arrière x1



Phare x1



Feu arrière x1



Bouchon en caoutchouc
pour boulon de capuchon
supérieur du casque x1



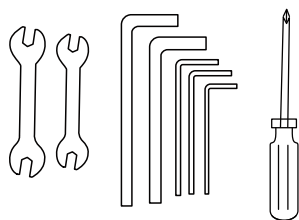
Cache-écrou
d'essieu arrière
gauche x1



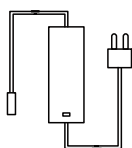
Pédale gauche x1
Pédale droite x1



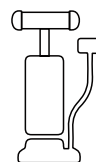
Clé de batterie x2



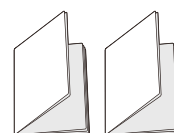
Boîte à outils x1



Chargeur x1



Pompe x1



Manuel d'utilisation x1
Instructions de sécurité x1

ASSEMBLAGE

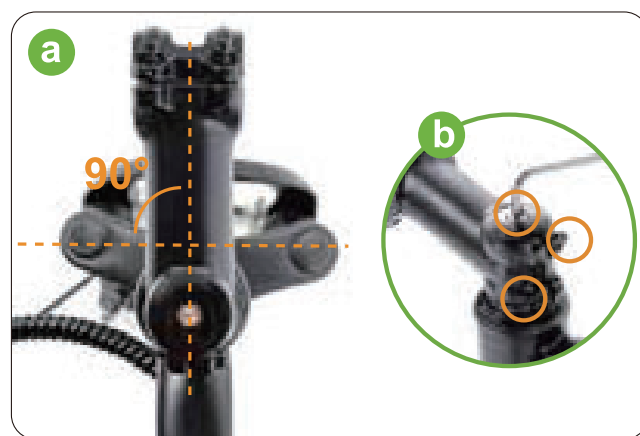
ÉTAPE 1 : Installer le guidon

1. Placez le vélo électrique sur une surface plane et stable.

CONSEIL : Ne posez pas encore la béquille.



2. Tournez la potence jusqu'à ce qu'elle soit perpendiculaire à la couronne de fourche, comme illustré, puis serrez le boulon du capuchon supérieur du jeu de direction et les deux boulons de fixation.



3. Insérez le bouchon en caoutchouc dans la tête du boulon du capuchon supérieur du casque.



4. Retirez la plaque avant du collier de serrage du guidon.



REMARQUE : Les quatre boulons doivent être retirés. Sinon, le guidon ne peut pas être placé dans le collier.

5. Placez le guidon dans la pince et la plaque frontale sur l'avant du guidon, puis serrez complètement les boulons en forme de X.



6. Assurez-vous que les boulons de la plaque frontale sont serrés uniformément, c'est-à-dire que les espaces entre la tige et la plaque frontale doivent généralement être uniformes en haut et en bas.



7. Réglez le réflecteur sur le guidon de manière à ce qu'il soit orienté vers l'avant, puis utilisez le tournevis fourni pour serrer ses vis.



REMARQUE : Assurez-vous que le réflecteur est orienté droit vers l'avant afin qu'il puisse refléchir les feux des véhicules venant en sens inverse et les alerter.

8. Ajustez l'écran à l'angle désiré, puis serrez son boulon.



ÉTAPE 2 : Installer le phare et le garde-boue avant

1. Retirez le boulon préinstallé du trou de montage du phare et du garde-boue avant sur l'arche de fourche.



2. Passez le boulon à travers les supports du phare et du garde-boue avant, puis resserrez le boulon dans le trou de montage.



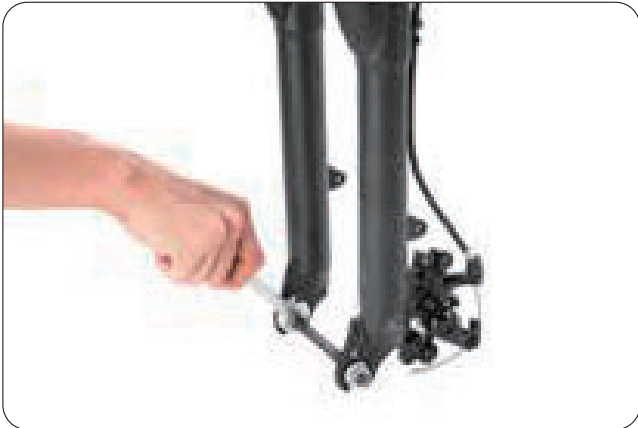
3. Alignez les flèches sur les connecteurs et branchez le câble du phare.



ÉTAPE 3 : Installer la roue avant

Une deuxième personne est nécessaire pour soulever l'avant du vélo électrique lors de l'installation de la roue avant.

1. Retirez le protecteur de fourche avant.



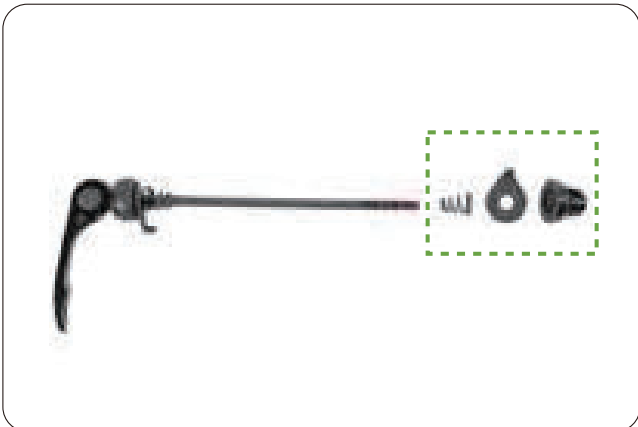
CONSEIL : Conservez la protection de la fourche avant pour une utilisation ultérieure. Elle protège les fourreaux de la fourche contre toute déformation pendant le transport, une fois la roue démontée.

2. Placez la fourche avant sur l'axe de la roue.



REMARQUE : Assurez-vous que le rotor de frein est centré entre les plaquettes de frein et que l'axe de roue est complètement inséré dans les pattes de fixation.

3. Retirez l'écrou borgne avec sa rondelle de sécurité et son ressort à maïs de la broche à dégagement rapide.



4. Passez la tige de fixation rapide à travers le moyeu de la roue avant depuis le côté opposé du rotor de frein.

