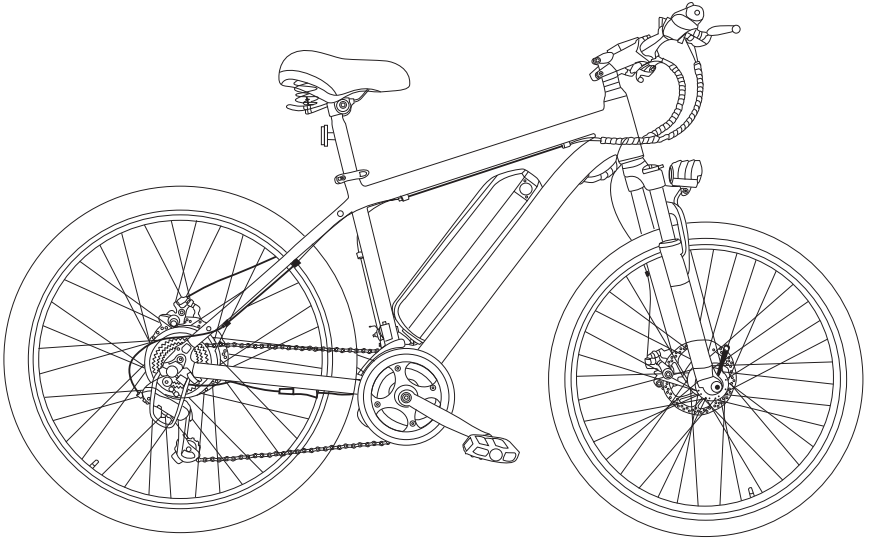
TotGuard®

Mountain Ebike User Manual



Made in China

Model Numer:T-276

Catalog

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Important Note

a) This manual includes important safety performance information and service information. Please make sure you have read the following warning content before you use our product.

b) Please make sure every user has read this manual for decreasing risks.

c) Please wear a suitable and safe helmet before riding. Please Wear the clothes in fluorescent and reflective stripes when you ride at night. Do not exceed the speed limit as it is the main reason for traffic accidents.

d) Do not touch the charging hole on the bike or use anything metal to touch it, for avoiding short circuit accidents.

e) Braking frequently, driving against the wind, carrying people or anything, insufficient air pressure on the tires, etc. All of these will consume much electric energy that reducing the endurance mileage.

If you expect the best endurance mileage,please follow the instructions below:

1.please use pedal-assist mode.
2.On the premise of ensuring safety, do not braking frequently.
3.Don't overload.
4.Before riding, please check the tire pressure and supply enough pressure.

f) Prolonged exposure to the sun or rain should be avoided. Avoiding storing our bikes in places with high temperatures or corrosive gas, which causes damage on electroplating parts and paint surfaces.

g) When charging the electric bicycle, please make sure there is no foreign matter around the charging port. To prevent sparking, please connect the charger to the bicycle first and then connect the AC power.

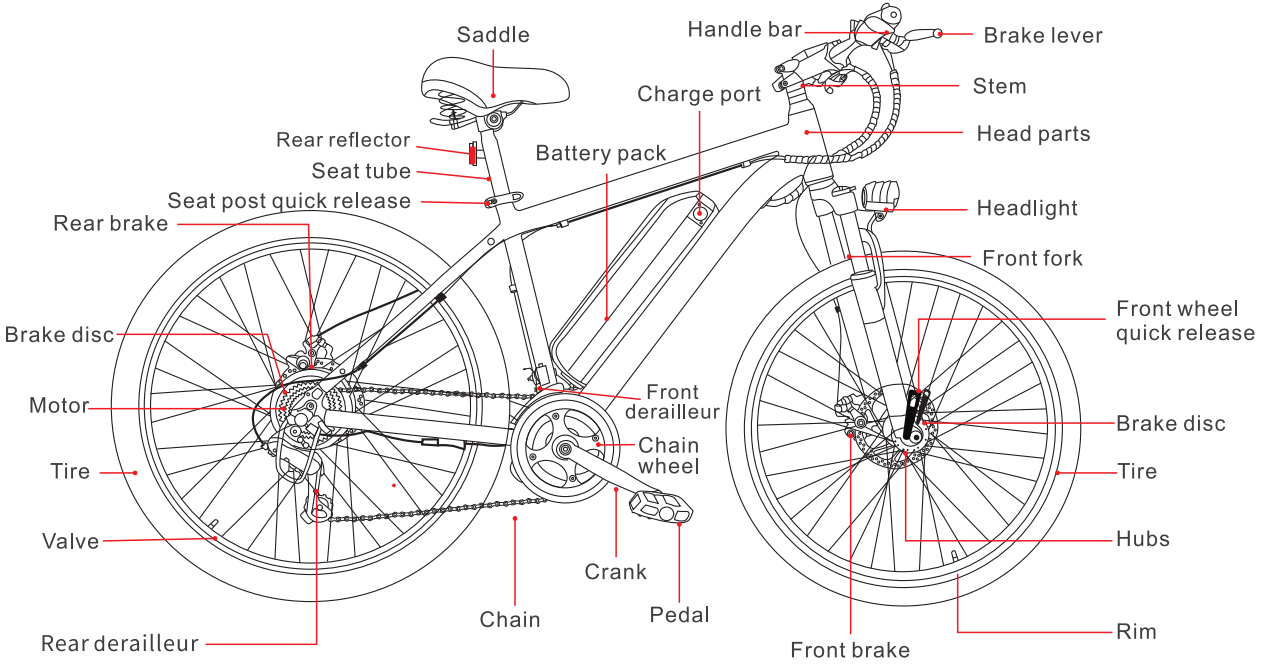
h) When not in use for a long time, please turn off the main switch in time and charge the battery regularly. Storing the battery after fully charged to avoiding serious power loss of battery.

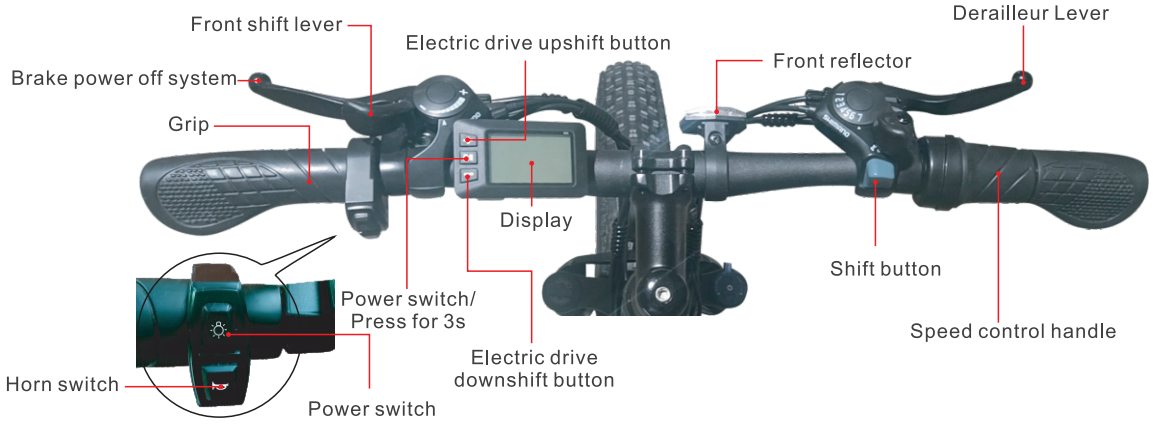
i) Your current insurance business may not cover the situation you may encounter when riding an electric bike. Please contact your insurance company or insurance broker for relevant consultation.

j) please refer to local laws and regulations about electric bikes if you are using this product in the USA.

k) Bicycles are vehicles with certain risk factors, please be sure to abide by traffic rules. when in an emergency like cycling speed too fast, please brake the rear wheel first and then brake the front wheel. There is a danger of tipping over if braking the front wheel suddenly. please ride carefully.

Structure illustration







Key hole



Power switch



Charge port

E-bike electric bicycle package content, including the following parts. Please check it when opening.
please contact the local official distributor/dealer or after-sales department if anything is missing.

No.	1	2	3	4	5	6	7	8	9	10
Part Name	E-bike	Front wheel	Saddle assembly	Charger	Battery	Pedals	Front Wheel Quick Release	Rear Reflector	Tool	Manual
Qty(piece)	1	1	1	1	1	2	1	1	2	1

Parts list as following pictures

 E-bike	 Front wheel*1	 Saddle assembly*1	 Charger*1	 Battery*1

 Pedals*2	 Front wheel QR (Quick Release)*1	 Rear reflector *1	 Front reflector*1	 Tool*2

Unfolding instructions

1

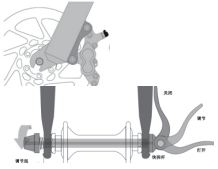


Take out the ebike from the package.

2



Align the front wheel with the clearance of the front disc brake



A hollow wheel center shaft is penetrated by a quick release rod, one end of which can adjust the pressure with a nut, and the other end is locked with a quick release wrench.



Check whether there is a gap on both sides of the disc after locking.

3



Remove the four screws of the stem, as shown in the picture, install the handlebar at the center point and lock the screws (5.1 Nm)



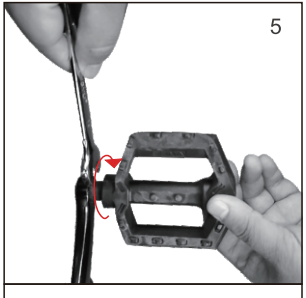
Adjust the angle of the stem to the position perpendicular to the frame, lock the screw of the stem cover, and then lock the two screws of the arrow.

4



Install the seat, adjust it to a suitable height and fix it with quick release.

5



The left pedal is tightened counterclockwise and the right pedal is tightened clockwise.

6



The lower end of the battery is placed against the bump.



Press hard on the upper end to lock the battery.



Make sure to lock the battery and pull out the key.

Product parameters

Name	Eston 26 inch	Eston 27.5 inch
Electric Bike System	Chirrey Rear drive system	Chirrey Rear drive system
Power Assist System	Support	Support
Max Load Weight	264.5lbs	264.5lbs
Maximum Speed	19.88mph	21.75mph
Battery Adaptation	DC 42V 2A	DC 54.6V 2A
Battery	36V10.4Ah	48V10Ah
Maximum Range	Power assisted models around 37.3miles	Power assisted models around 43.5miles
Recharge Time	≈5H	≈5H
Display	LCD Display	LCD Display
Drive Type	Rear Drive	Rear Drive
Frame Material	Aluminum Alloy	Aluminum Alloy
Front Brake	Mechanical Disc Brakes	Mechanical Disc Brakes
Brake Type	Mechanical Disc Brakes	Mechanical Disc Brakes
Chainset	24-34-42 Tooth	24-34-42 Tooth
Gears	7S	7S
Chain	KMC Z7 RB	KMC Z7 RB
Rear Brake	Mechanical Disc Brakes	Mechanical Disc Brakes
Rear Hub/Rated Power	High Speed Motor/36V 350W	High Speed Motor/48V 500W
Rims	Alloy	Alloy
Wheel Size	26''	27.5''
Tyre Size	26''X1.95 inch	27.5''X1.95 inch

*Please don't ue other brand battery, charger or cable and repair them by your owm. Please don't charge overtime, it is better to charge in 0~40 ℃ environment.

Daily use

Charging Method

Step 1: The charge port is on the tail of the battery. See picture1.
Step 2: Insert the charging plug of the charger into the connecting charge port of the battery (please make sure the charge port is dry).
Step 3: When the charger indicator turns red, it is in charge; when it turns green, it is fully charged. After fully charged, please unplug the charger as long-time charging affects battery life.
Step 4: Please cover the charging port after charging in case of water in.



WARM TIPS

After charging the battery, please unplug the charger first and press the button. Then check the battery. If the battery light turns green, it turns out the battery is fully charged. Please make sure that the battery button is turned on that can be found on the top end of the battery when you want to check the battery level and LCD display.

Safety tips when charging

- Please charge at least 5 hours on first use.
- In order to extend the battery life maximally, please charge it every two days if you frequently use it. And please ensure at least every month charging even if not using it. Please charge it under proper temperature and environment.
- Not charging in time may cause damage to battery life. Battery power will gradually run out as time goes by and eventually lead to battery over-discharge.
- Please use the original battery, charger, and cable provided by the manufacturer.
- Please use it under dry conditions. It is NOT allowed to connect the charger or cable to water, as it may result in electric shock. Please do not touch with wet hands. Please immediately pull up the power plug If there is any failure while charging.
- Please ensure the charger or cable staying away from sharp objects or high temp places. Please check the charger and its cable regularly.
- If there are obvious damages to the charger or cable, please do not use the charger anymore and contact for exchange.
- Please do not repair the battery, charger, or cable on your own. Please contact us if any questions.

Caution

- It might cause E-bike damages or even personal injuries if you use unpermitted components and wrongly install the components. Don't try to ride E-bike which not install correctly.
- Don't disassembly and refit E-bike without permission. Otherwise, it might cause E-bike damages permanently, and also it might cause personal injuries.

Precautions before riding

When riding or parking, it might cause loss and affect bike performance. Therefore, before riding, please pay attention to the following notes:

- Please check if all parts of the E-bike are well installed without damage.
- Please check if the brake is well.
- Please check if the folding mechanism is locked.
- Please check if there is enough battery power.
- Please check if the tires are well.
- Please check if the handle is fixed. Once loose, please screw it down.
- You need to find an open and flat place (at least 4m * 20m) to practice riding. Both indoor or outdoor are suitable.
- You need to have a deep understanding of the surrounding riding conditions for avoiding being disturbed by cars, pedestrians, pets, bikes, or other obstacles.
- You need a skilled assistant, who is familiar to ride E-bike and knows about all precautions and riding methods in this manual.
- Please do not test this bike on slippery and wet ground.
- Please wear a helmet or other protectors for avoiding possible injury.
- Please increase the brake distance in rainy weather, as moisture will make the brake react slower. After riding, please clean and dry this bike, and store it in a safe place.
- Please do not use this product under extreme weather (such as heavy rain, snow, or icy weather)
- please ensure if the brake is OK when using this product in any environment.

Precautions of safe riding

E-bike is a kind of personal transport tool with a certain speed and has been strictly inspected during manufacturing. Please use it based on the safety warnings in this manual otherwise it may bring risks. Any time or place, it may hurt you or even cause death due to the reasons such as falling, loss of control, collision, not following the manual, etc. Therefore, in order to reduce risks and avoid injury, you MUST carefully read this manual, and obey the following precautions:

- When riding, please wear a helmet and protectors.
- Please do not climb a slope over 30°, and do not sharply speed up or slow down on the slope.
- Be cautious of the obstacles and wet and slippery roads. Do not ride on grass or pebble roads.
- Please do not ride in water over 30mm depth.
- DO NOT ride up and down the steps.
- DO NOT ride in the motorway.
- DO NOT soak in water.
- E-bike belongs to the single-use vehicle. Please avoid riding by several people.
- Beginner in the age of 14-18 years old or older than 45 years old, please practice under someone's help.
- Before using, please confirm if the power is full and if the tire is in normal inflation.
- Before being familiar with the E-bike, please DO NOT ride at higher speed. Please ride it slowly instead.
- Because of the specialty of lithium batteries, users should charge it at least once per month. It is not within the warranty range if the battery is damaged due to irregular maintenance.
- E-bike is only used as a daily transport tool, therefore, please DO NOT use it in extreme sports or other dangerous riding methods.

Using Statement

To ensure your riding safety and riding experience, we specially request you to comply with the following requirements when using the product.

1. Before riding, make sure to read carefully and fully understand the User Manual.

2. Do not allow people who haven't carefully read and fully understood the User Manual to use your E-bike.

3. Strictly comply with the age requirements that only people between 12 and 60 may use the product and do not let those people who out of that range ride your E-bike.

4. Pregnant women or people with physiological unfitness shall not use E-bike.

5. When feeling unwell physically or mentally due to illness or under the influence of medicine or alcohol, do not ride E-bike.

6. E-bike is designed for only one rider, and never try to ride double or more, or ride the bike holding a child or load.

7. Before riding, make certain that both your physical and mental conditions enable you to freely get on and off the bike and control well, even without the help of others.

8. Assemble all components correctly and properly in strict accordance with the assembly instructions in User Manual.

9. Improper assembly may bring risks of loss of control, collision, or fall-off. When assembling the E-bike, take care to apply appropriate force, as either screwing too tight or too light may cause damage to the E-bike or malfunctions.Special note: do not conduct assembly or service with the power turning on.

10. Do not try to modify or service E-bike by yourself or allow personnel unauthorized to do the work. Should any problem happen, feel free to contact us at any time, as this is your most reliable choice.
    Before riding, always make certain that no abnormalities such as loose parts, damage, or malfunctions existed on E-bike.

11. The front wheel is pneumatic. Charge pressure or tire pressure not maintained properly may lead to travel instability or easy damage, or even traffic accidents in extreme cases. Measure the tire pressure at least once per month and measure it again before starting a long-distance riding.

12. Should you spot any loose parts, damage, abnormality, or malfunction during the use of the E-bike, stop using it immediately and carry out troubleshooting. Please repair regularly to avoid dangers.

13. Prior to charging the E-bike, make certain that the charging port is dry and free from malfunctions and foreign objects. Only a correct receptacle (100V-240V/50HZ-60HZ) can be utilized for charging. When the E-bike is being charged, keep children and pets away and make sure there are no inflammable materials nearby.

14. E-bike's battery must be stored in environments with a temperature ranging from -20 to 45°C. Do not place E-bike where the temperature is over 45°C. When the ambient temperature falls below -20°C, the battery will enter into a self-locked state and can't be charged or used.

15. If that happens, bring E-bike to a warmer place firstly to unlock the battery for further charging and using.

16. Should any leakage or other abnormalities (including breakage, emission of odd smell or smog, overheat, etc.), stop using the product immediately and prevent the battery from contacting other objects.

17. Without permission, never try to open or disassemble the battery, or perform any irrational operations on it or use it in an irrational way.

18. Depending on the battery state and environmental conditions, a fully charged E-bike (the display screen showing 5 bars of power) will have a standby time of approximately 180 days and a non-fully charged E-bike (the display screen showing 1 bar of power) will have a standby time of about 90 days. Bear this in mind to avoid irreversible damage to the battery caused by failure to charge it timely.

19. Do not wear high heels or other unsuitable shoes and too loose or other unfit clothes when riding E-bike. Please always wear specialized protective gear when riding E-bike.

20. When you are to ride E-bike, it's strongly recommended that you wear a pair of safety goggles, lest dirt, dust, or insects harm your eyes or undermine your riding safety.

21. Never try to ride E-bike in rainy weathers or on wet roads, as wet and slippery roads may reduce tires' resistance, lengthen the scooter's braking distance, and may also lead to loss of control or other accidents incurred by tire skidding.

22. Use a soft cloth to wipe and clean the E-bike body. Never try to flush it with powerful water jets or a high-pressure hose. Nor shall you immerse E-bike in water, otherwise dangers such as uncontrollable malfunctions, abnormalities, or accidents may occur.

23. Never try to ride E-bike under adverse environmental conditions such as bad weather, low visibility, poor illumination, etc., nor shall you ride it when feeling exhausted.

24. Nights or other environments with poor visibility conditions make it hard for riders, drivers, and pedestrians to notice each other in a timely manner. therefore it's strongly recommended that you do not ride the E-bike under the above-mentioned conditions to avoid potentially serious dangers.

25. When riding, please keep an eye on the changes of the traffic and surroundings, and please keep riding cautiously to avoid harm to yourself and others.

26. Do not ride the Electric bike upstairs or downstairs, in an elevator, go through a revolving door, or in any other adverse road conditions or environments.

27. When riding, please be beware of the obstacles overhead.

28. During riding, if an abrupt slop suddenly appeared, an uneven road, or any other terrain conditions you haven't met before, do not take risks to ride through.

29. Do not try to turn abruptly at a high speed or brake suddenly on slippery ground, as these kinds of actions easily lead the electric bike to skid and out of control.

30. Please ride E-bike on bike lanes, and never ride on motor vehicle lanes or any other inappropriate sites. strictly abide by traffic rules and other related regulations. When approaching or passing a crossroad, a motor vehicle lane, a bend, the spaces in front of a gate, and so on, please slow down and pay greater attention to the safety of the pedestrians.

31. During riding, please pay attention to nearby vehicles, pedestrians, potholes, sewer covers, railroads, expansion joints, construction areas on the road or sidewalk, debris, or other obstacles that may pose a threat to your own and others' personal or property safety.

32. Never make or answer the phone or do any other things that may let you be distracted, so that you can always concentrate on your surroundings.

33. Ride on the designated bicycle lanes or close to the road edge along the direction of traffic as allowed by local laws and regulations, and never ride against traffic.

34. When you go out riding, do not break into other vehicles' or pedestrians' way.

35. When riding, do not put your hand on another vehicle and get yourself dragged along. And avoid inappropriate behaviors like performing stunts or X-sports, etc.
    When you need to ride E-bike to a remote area, do not go alone. Even if you have partnered on your journey, you'd better prepare for potential risks.

36. E-bike is a personal travel tool made for short journeys, and shall not be used for any other purposes such as goods delivery, etc.

Warning and Warranty

Warnings

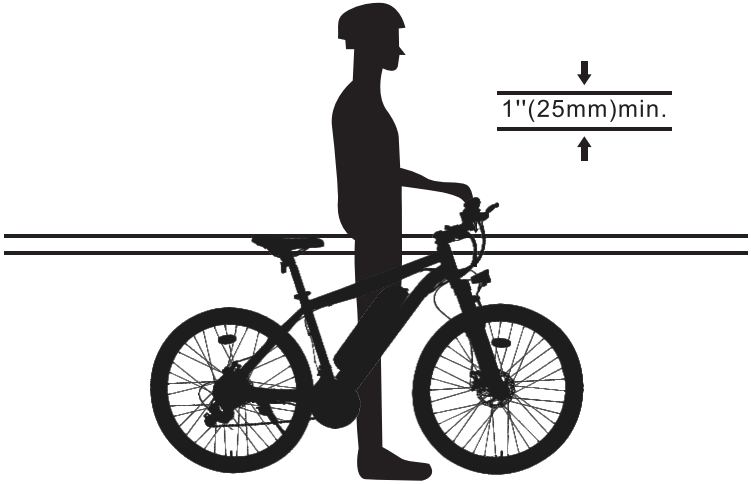
Users should take full responsibility for the security problem resulting from improper use

1. Please don't use other brand battery, charger or cable and repair them by your owm. Please don't charge overtime, it is better to charge in 0~40℃ environment.
2. This bike is for daily use only. Don't use it in competitive situations.

Warranty

The products are subject to the relevant national regulations, and provide free maintenance, exchange and return services for products that meet the warranty conditions.

Your satisfaction is our top priority. Customers need to ensure that the package is in perfect condition when receiving it. We provide lifelong technical support, and one-year service for the electric motor, battery, and other parts except for the frame. If there any issue with it, don't hesitate to contact us, and we will respond and solve it within 24 hours.



Stand over the bicycle and straddle the top tube proper clearance is a minimum of 1”(25mm) between highest part of the top tube inseam of the rider.