

# Trail Viper Manual



## Electric Bicycles



**WARNING:** You are the only person responsible for your personal safety. Don't operate or ride any Electric Bicycle unless you are already a competent bicycle rider. The bike can quickly reach high speed at 20MPH ,caution must be exercised when operating the bike. Carefully read the following information(even if you are an experienced rider),wear a helmet and safety equipment, and obey all the provincial and federal vehicles laws.

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## Assembly Instructions

### Box Contents:

- 1x Bike Frame with Rear Wheel Attached.
- 1x Front Wheel
- 1x Stem& Handlebar
- 1x Pedals(Left & Right)
- 1x Lithium Battery 36V10AH
- 2x Battery Keys
- 1x 110-240Volts 50-60Hz Smart Charger
- 1x Seat
- 1x Front & rear led light
- 1x Tool Kits: 5x Hex Wrenches (2mm,3mm,4mm,5mm,6mm)
  - 3x Wrenches, double sided (8mm &10mm,13mm & 15mm, 14mm& 17mm)
  - 1x Screwdriver, double sided (star & slot configuration)
- 1x LCD display Manual

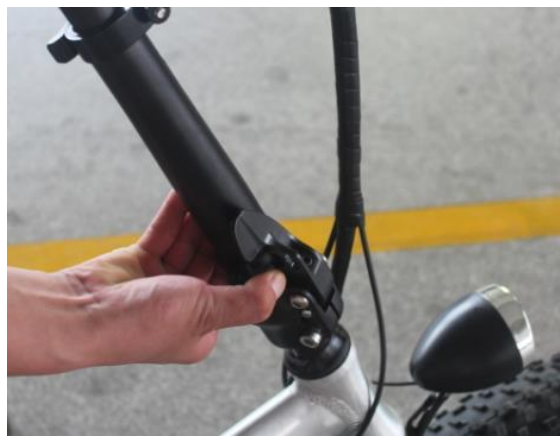
Now that you have your bike out of the box and unpacked, it is time to charge the battery. Please refer to the Battery Removal &Installation,Precautions ,Charging ,and Storage instructions . It is better to remove the battery from the bike for the first charging as this will make the bike assembly easier ,with no cords in your way.



**WARNING:** Please keep the keys to your electric bicycle in a safe place .Each set of keys are unique to your particular electric bicycle, and we will keep a copy of your key on file for better service.

### Assemble the Bike: Stem & Front wheel

Tools required( received in your Tool Kits)



Steps:

1. Insert the top stem to bottom stem and locked
2. lock the protect part.
3. insert the front wheel into fork and disc brake pads
4. insert the quick release axle into the front hub
5. Make as hard as you can. Safety is the first thing .

## **Assemble the Bike: Pedals ,Set & Tire Pressure**

### **1. Pedals**

Note: “L” and “R” (“L”=left & “R”=right ) is stamped on the threaded ends of the pedals. The pedals have opposite thread directions and must go on a specific side of the bike. Left and right side of the bike is determined by sitting on the seat.



The **Left Pedal** has a reverse , non-standard thread and must be turned counter clockwise to be screwed in.

The **Right Pedal** has a standard thread and must be turned clockwise to be threaded in.

Apply some grease to the pedal threads before attaching. Install the Right Pedal to the Chain Sprocket side of the bike and the Left Pedal to the opposite side (same side as the battery key).

Start the pedal threads into the crank arm threads, by hand ,at least 4 complete 360°turn to ensure the pedals are not cross-treaded. Incorrect installation of the pedals is not covered under warranty. Complete by securely tightening with a 15mm wrench.

## 2. Seat Installation



Fig. 4.1. Seat Post, "Minimum Insert Line"



Fig. 4.2 Incorrectly Installed Seat Post



Fig. 4.3 Seat Post Inserted Correctly, Past "Minimum Insert Line"



**CAUTION:** Less than 1/2 a turn on the adjusting nut can make the difference between safe clamping force and unsafe clamping force.



**CAUTION:** A poorly adjusted seat can result in personal injury or death.

## 3. Tire Pressure



**CAUTION:** The tires have not been filled with air to the correct capacity for shipping purposes. Using a hand pump, fill the tires with air to the rating on the sidewall. We recommend a hand pump to avoid over inflating the tires, which can easily happen when using a high pressure air line at a gas station or automotive tire store.





**CAUTION:** Fully charge the battery before the first use! Failure to do this can result in decreased battery performance for the life of the bike and avoid your battery warranty.



**CAUTION:** Do not attempt to open or repair your battery or charger. If you need another battery or charger contact your dealer



**CAUTION:** Do not touch the battery sockets or blades with your hands, any metal object or other material that conducts electricity.



**CAUTION:** Never put the battery or charger in reach of children.



**CAUTION:** Do not use any charger except the one that came with your IMPERIAL electric bicycle.

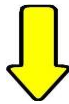
**Step:** 1. connect the battery and charger 2. connect to wall 3. charging





### **Bake system:**

Alu alloy brake lever, left side control front disc-brake, right side control rear disc-brake. When braking, the current is off, motor stop working.



### **Derailleure system:**

Shimano 6 gears



**Display:** 5 level PAS speeds, 10mph 12mph 15mph 17mph 20mph

Light button, battery display. Time, PAS system, trip, etc,

For details, please check LCD display manual.



This is round button to operation LCD

display.

**Step:**

1. Turn Battery ON
2. Push the round button for 2s, display on. You can choose different speed to ride. If turn on/off front light, just push the round button for a short time.
3. Twist throttle, motor starts to run. Or do pedal, motor start to run.