

# VANPOWERS



# QUICK START GUIDE

GrandTeton

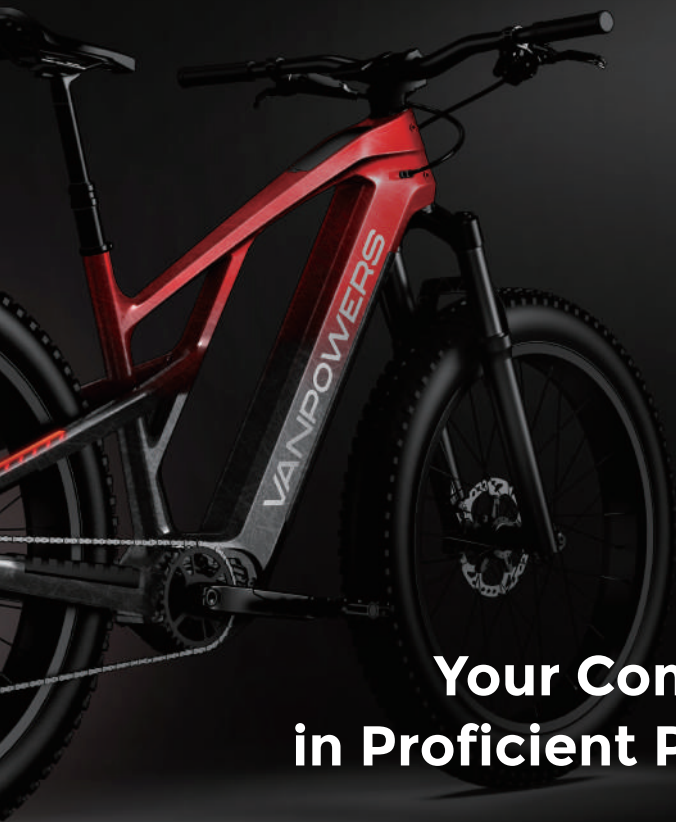
PRO



# GRAND TETON

ALL TERRAIN MOUNTAIN





**Your Companion  
in Proficient Pedaling**

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START RIDING





# Instruction

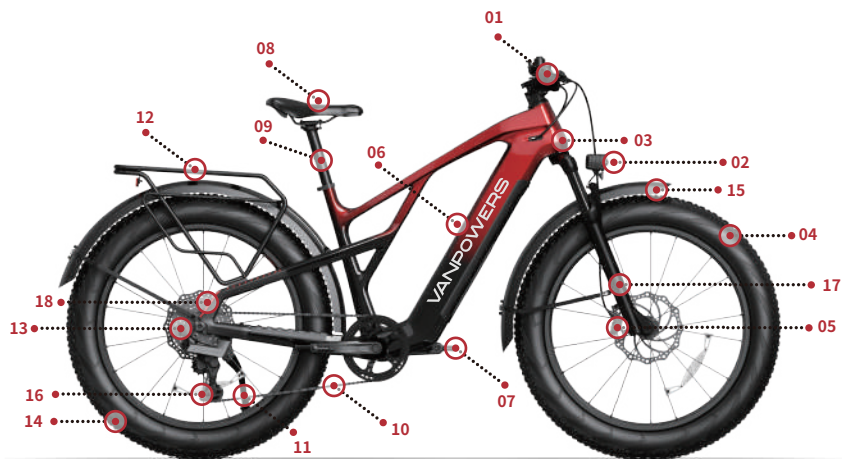
This Quick Start Guide contains important information, please read it carefully and keep it in an easily accessible place.

This assembly guide shows you how to assemble your Vanpowers bike from the box. If you are unsure about your operation, please contact the Vanpowers Service Center for help.

This manual should not be used as a guide for using, servicing, repairing, or maintaining the e-bike. The assembly guide section of this manual cannot replace the e-bike user manual. The user manual contains important safety, performance, and technical information specific to your e-bike and may also provide additional safety, performance, and service information for specific components (such as brakes or pedals on the e-bike) or accessories (such as racks or lights), which you should read carefully and retain for reference.

Please note that all instructions and notices are subject to change and update without notice.

## Product Overview



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01. Handlebar	02. Front light	03. Head tube	04. Front wheel	05. Front brake
06. Battery	07. Pedals	08. Saddle	09. Seat post	10. Chain
11. Kickstand	12. Rear rack	13. Hub motor	14. Rear wheel	15. Front fender
16. Rear derailleur	17. Suspension fork	18. Taillight		

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**-Side View-**

# Product Overview

- 01. Display
- 02. Assist switch
- 03. Throttle
- 04. Rear brake lever

- 05. Front brake lever
- 06. Grips
- 07. Gear shifter
- 08. Stem

## -Handlebar-

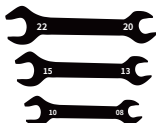




## Box Contents



**Bell**



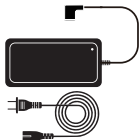
**13-15&08-10&20-22  
Open-End Wrench**



**Pedals**



**Manuals**



**Charger**



**Rear Derailleur  
Protector**



**Display &  
Assist Switch**



**Thru-Axle**



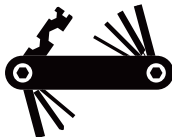
**Key**

Open-End Wrench

0.10inch(2.5mm) Allen Key

Phillips-Slotted Head Screwdriver

0.24inch(6mm) Allen Key



0.08inch(2mm) Allen Key

0.12inch(3mm) Allen Key

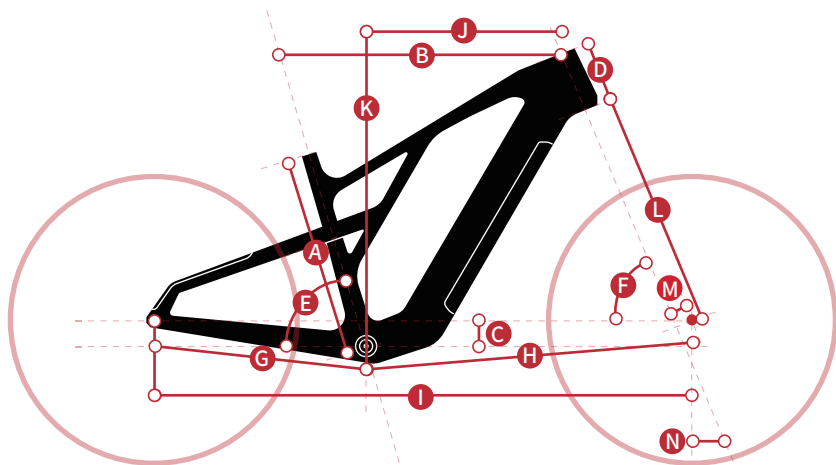
0.16inch(4mm) Allen Key

0.20inch(5mm) Allen Key

Please check the accessory box to ensure that all the following accessories are inside.  
If any parts are missing or damaged, please contact [the Vanpowers Service Center immediately](#).

## Geometry

Choosing the right size ensures safety and comfort while riding an e-bike. This product comes in one frame size; Before riding, please make sure that this size is within your safety range.



Number	Size	MTB
A	Seat Tube Length (S/T)	460
B	Top Tube Length Horizontal (T/T")	648
C	B.B. Drop	60
D	Head Tube Length (H/T)	140
E	Seat Tube Angle (S/A)	73.5°
F	Head Tube Angle (H/A)	68°
G	Rear Wheel-to-Center (R/C)	490
H	Front Wheel-to-Center (F/C)	760
I	Wheel Base (W/B)	1244
J	Reach	450
K	Stack Height	668
L	Fork Length (F/K)	540
M	Fork Offset	58
N	Trail	85
O	Stand Over Height	700
	User Body Height (Range)	1650-1850

(Geometric numerical units-mm)

## Specifications

Model	GrandTeton Pro
Max Speed	20mph
Max Gross Vehicle Weight	400lbs. / 180 kg
Range*	60miles
Motor	750W rear hub motor
Throttle	Available
Battery	48V 14.7Ah
Charger	54.6V 3A
Display	1.9" color LCD screen
Tires	CST 26 X4.0"
Rear Derailleur	Shimano CUES 9-speed
Brake	Tektro 203mm (2-Piston hydraulic disc brake)
Front fork	120mm Hydraulic suspension fork
Front light	100Lux, High/low beam headlight
Taillight	Integrated tail light with brake light
Mud guard	Available
Rear rack	Available

\* The range mileage is measured under conditions of full battery charge, with a 75kg load, at an ambient temperature of 77°F (25°C), on a flat and windless road, in Eco riding mode. Actual results may vary due to differences in temperature, load, wind speed, road conditions, and other factors.

# Installation Instructions

**NOTICE!** The following steps are only intended to assist in the assembly of your e-bike and do not constitute a complete or comprehensive manual for installation, maintenance, and repair. We recommend consulting a certified and reputable e-bike mechanic to help with the assembly, repair, and maintenance of your e-bike. The directions given in this manual- right, left, front, back- correspond to the directions as seen by the rider seated on the e-bike.

For example, the "right side" of the e-bike is the side where the rider's right hand and right foot are.

**WARNING!** Incorrect installation, maintenance, or use of the e-bike may lead to component or performance failure, loss of control, serious injury, or death. Even if you are an experienced cyclist, you must read and understand this entire manual, as well as all documents provided with its sub-components or accessories, before riding. If you are unsure whether you have the experience, skills, and tools to correctly perform all the assembly steps in the manual, please consult a certified and reputable local e-bike mechanic.

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## 01 Remove the e-bike from the Box

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Remove the zip ties and tape from the bottom of the box. With the help of another person who can safely lift heavy objects, pull out the top cover of the e-bike box. Remove the packaging that is safeguarding the e-bike frame and parts, preserving these materials for future use in transporting the e-bike. If not needed for transportation, recycle the packaging materials, particularly the cardboard and foam.

Retrieve the small box located at the bottom of the e-bike box, which contains your charger and accessories. (To prevent scratching the e-bike, we recommend using diagonal pliers as illustrated to remove the cable ties.)

# Installation Instructions

## 02 Handlebar Installation

### STEP ONE

Use a 4mm Allen key to loosen the four fixing screws on the handlebar clamp by turning them counterclockwise, and then remove the screws and the front cover.



### STEP TWO

Center the handlebar at the bottom of the stem clamp, paying attention to the direction of the handlebar: the gear shifter should be on the right side, and the control buttons on the left side. Replace the front cover and screw in the fixing screws until the handlebar is secure but not fully tightened.

### STEP THREE

Push the handlebar left and right to center its position; Rotate the handlebar to adjust the angle of the brake levers to a downward tilt. Then, following the sequence A-B-C-D shown in the illustration, tighten the fixing screws in a cross pattern to lock them in place.



## Installation Instructions



## Installation Instructions

### **⚠ WARNING!**

After removing the brake pads, do not squeeze the brake lever on the handlebar, as this can cause brake damage that will not allow the e-bike to function properly! The brakes should only be used after the front wheel is installed.

### **⚠ WARNING!**

Do not touch the brake disc with sharp edges, as it may cause serious injury. Contact of bare skin with the disc or brake pads can also transfer grease to either component, thereby reducing braking performance. When installing the front wheel, ensure that you will not touch the disc or brake pads with your hands. If necessary, wear clean gloves. Since the disc can become overheated, do not touch it directly with your hands! Keep children away from playing near the e-bike.

### **STEP THREE**

Use a 6mm Allen key to tighten and lock the thru-axle in a counterclockwise direction.

After the front wheel is installed, insert the front brake cable into the cable clip to keep it secure.





# Installation Instructions

## 04 Front Fender & Front Light Installation

### STEP ONE

Use a 5mm Allen key to loosen the fixing screws on the fork crown and remove the front light.



### STEP TWO

Adjust the direction of the front light to face the front of the e-bike.

Confirm the installation direction of the mudguard and align the front light bracket and the fixing flat plate of the mudguard with the front fork screw holes in sequence.



# Installation Instructions

## 04 Front Fender & Front Light Installation

### STEP THREE

After confirming that the mudguard and front fork holes are aligned, tighten the fixed screw to secure the mudguard and front light to the front fork.



### STEP FOUR

Once the upper part is secured, use a 4mm Allen key to remove the 2 fixed screws at the bottom of the front fork. Align the support legs on both sides of the front mudguard with the installation holes at the bottom of the front fork and tighten the fixed screws.



# Installation Instructions

## 05 Display and Assist Switch Installation

### STEP ONE

Use a 3mm Allen key to loosen and remove the display screw.

Attach the display bracket clamp to the left side of the handlebar near the stem. Adjust the display angle and viewing position to a suitable location, then re-tighten the display fixing screw.

### STEP TWO

Use a 2.5mm Allen key to loosen and remove the assist switch screw.

Attach the assist switch clamp to the left side of the handlebar. Adjust the assist switch angle and viewing position to a suitable location, then re-tighten the fixing screw.

### ! NOTICE!

Keep the display and assist switch wiring connected during installation.



# Installation Instructions

## 06 Bell Installation

### STEP ONE

Use a Phillips screwdriver to loosen the fixing screw on the bell, and install the bell on the right side of the handlebar. Adjust its position and then tighten the screw again.



# Installation Instructions

## 07 Pedals Installation

### STEP ONE

Align the pedal spindle marked "L" with the hole at the end of the left crank of the e-bike. Secure one hand on the pedal while using the other hand to turn the pedal spindle counter-clockwise to tighten the nut. Finally, use a 15mm open-end wrench to tighten it in a counter-clockwise direction.



### STEP TWO

Repeat the above steps for the right pedal installation, using the pedal marked with "R". Ensure that the right pedal is tightened in a clockwise direction.



# Installation Instructions

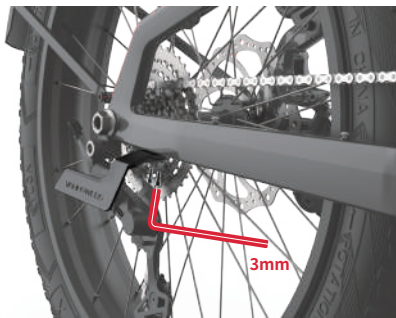
## 08 Rear Derailleur Protector Installation

### STEP ONE

Use a 3mm Allen key to clockwise loosen and remove 2 fixing screws at cross bottom.

#### ! NOTICE!

Before installation, it needs to empty the rear wheel, rotate the crank, and adjust the gear shift lever to 1 (at this time, the chain is located at the maximum plate of the cassette), and then perform the following installation.



### STEP TWO

Align the installing hole of the rear derailleur protector with the screw hole on the frame, and re-tighten the fixing screws.



# Installation Instructions

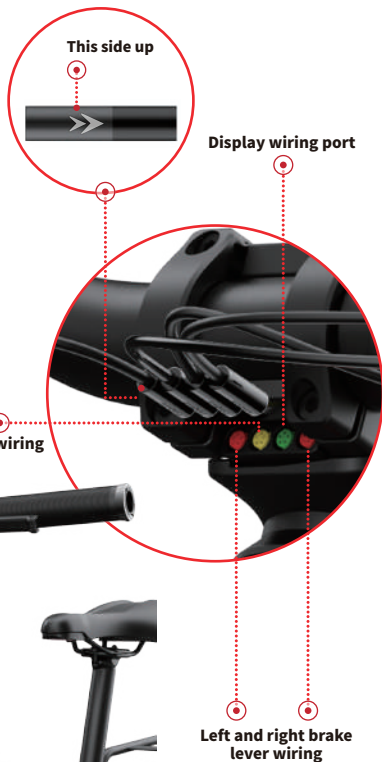
## 09 Wiring

Before wiring, ensure that the wires are clean, free from twists, and undamaged. Check that the number of wires is correct.

### STEP ONE

Display wiring: Connect the wire to the stem wiring port.

Connect the other wiring ports as shown below.



# Installation Instructions

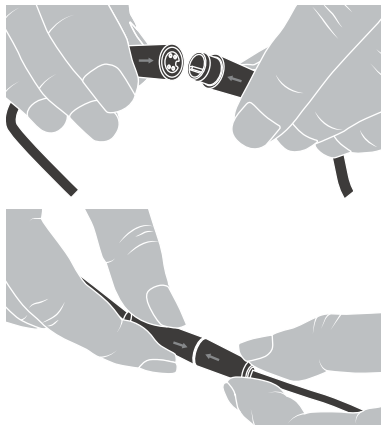


## **WARNING!**

Ensure that the port colors match during connection, and the functions of the two connector terminals must be completely identical. The notches on both ends of the port must correspond. Do not force plug or unplug the port. After completing the wiring, make sure there are no excess cable ends at the handlebar, the joints are well covered, and there are no exposed wire ends.

## **STEP TWO**

During wiring, ensure that the functions on both sides of the port are consistent, the colors are matched, and the notches on the port are aligned. There are indicator arrows at both ends of the port. When wiring, make sure the heads are fully aligned before connecting, and pushing both ends of the port to the bottom.

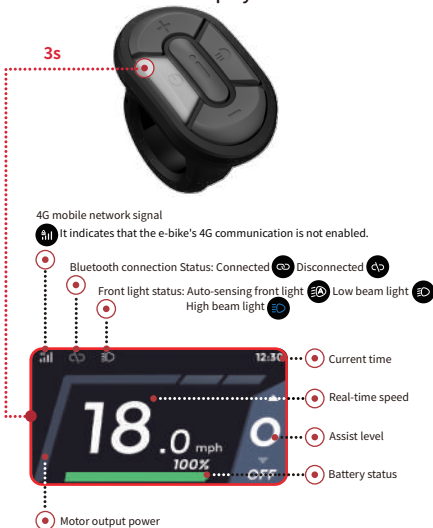




## 01 Start Riding

### STEP ONE

After the preliminary installation of the e-bike, press and hold the "Power" button on the handlebar control for 3 seconds to start the e-bike and enter the main display screen.



### STEP TWO

Press and hold the "Light" button for 3 seconds to turn on or off the front and rear lights. Press the "Light" button briefly to switch between low-beam and high-beam modes for the front light.



## Start Riding

### STEP THREE

Short press the "+" key or "-" key to increase or decrease the pedal assist power level.



### STEP FOUR

Long press the "-" key without releasing it to enter the walking assist mode, where the motor assistance speed is 6km/h. Release the key to end the assistance and exit the current mode.

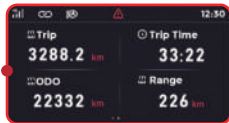


## STEP FIVE

Short press the "i" key to switch between the main page and the riding data page. Long press the key to enter the menu page for settings.



Home page



Riding data page 1



Riding data page 2

## 02 Throttle on Demand

With a throttle e-bike, the motor kicks in and propels the e-bike forward even when the cyclist isn't pedaling. With throttle assist, you can relax more — but you'll drain the battery faster.

### ! NOTICE!

The display defaults to the OFF mode when the e-bike is powered on. In this mode, the motor does not operate, and you need to switch to any other gear to enter the throttle assist mode.



# Start Riding

**On/off function.** Most e-bikes have some kind of switch or lever on the handlebars to engage the throttle function. The rider can simply switch the throttle assist on or off.

**Self-controlled variation.** With throttle assist, riders can set how fast they want to go. For example, you can accelerate or decelerate using a thumb-controlled throttle at the handlebars.

**More legal restrictions.** E-bikes with throttle assist generally face more legal restrictions, such as where you're allowed to ride. For instance, a throttle assisted e-bike may not be permitted on normal e-bike paths. Please carefully review the local traffic regulations and restrictions before cycling.

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## 03 APP Download

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Before using the e-bike, you can download the Vanlife App on your smartphone to unlock more riding features!

You can download and use the Vanlife App by scanning the QR code below or visiting our official website.



**Official Website Download:**  
[us.vanpowers.com/pages/app](https://us.vanpowers.com/pages/app)

Now that you have a basic understanding and familiarity with the e-bike, in order to ensure that you can make full use of all the e-bike's functions and use our e-bike safely and effectively, we strongly recommend that you carefully read the user manual that comes with the e-bike.

If you encounter any issues while reading the manual or using the e-bike, you can always contact the Vanpowers Service Center for support.



**Made In China**








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