

VIPOCO

User Manual

TRICYCLES

VC-ET1

Please read the instructions before using your electric tricycle

USER MANUAL

PLEASE READ THE INSTRUCTIONS CAREFULLY BEFORE RIDING



VIPOO

Scan QR Code Or Enter URL for Online Installation

https://www.youtube.com/playlist?list=PLQ1eamCE_z6iggyE-4Kz5IH9EKxzTmNM-



Warning

Electric trikes can be dangerous to use. The user or consumer assumes all risk of personal injuries, damages or failures of the tricycle or system and all other losses or damages to themselves and others and to any property arising as a result of using the tricycle.

As with all mechanical components, the tricycle is subjected to wear and high stresses. Different materials and components may react to wear or stress fatigue in different ways. If the design life of a component had been exceeded, it may suddenly fail possibly causing injuries to the rider. Any form of crack, scratches or change of colouring in highly stressed areas indicate that the life of the component has been reached and it should be replaced.

**For replacement parts, technical information and warranty assistance,
You can contact us through the contact information on the last page,
our customer service team remains readily available to address your inquiries.**

DO NOT DISASSEMBLE, MODIFY OR REPLACE ANY OF THE ELECTRICAL PARTS.

Your insurance policies may not provide coverage for accidents involving the use of the electric tricycle. To determine if coverage is provided, you should contact your company or agent.

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Product

Rear Drive Electric Mountain Trike



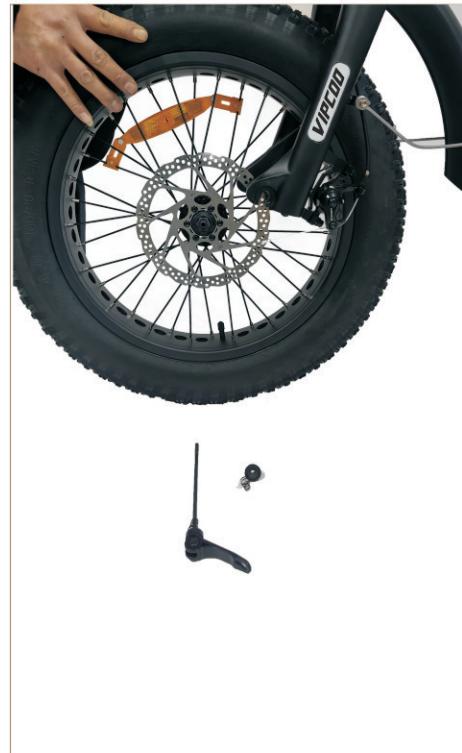
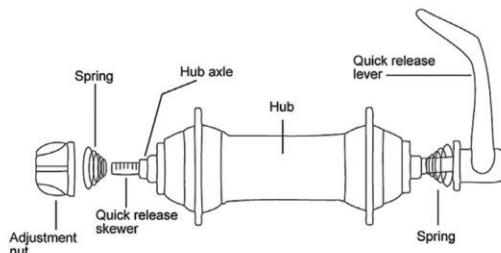
How To Assemble This Tricycle

Assembly Instructions

Your trike has been pre-assembled. It requires only a few simple steps to get it ready for your first ride.

1. Remove the outside carton after cutting the nylon bands and taking off the lid. Carefully remove your trike from the box and gently rest it in place.
2. Remove all of the inside cardboard protection and bubble wrap.
3. Locate and set aside the kit box containing the battery charger, pedals, this user's manual, and tool kit.
4. Install the front wheel by lining up the disc brake and place the fork of the trike onto the front wheel.

Continued overpage...



How To Assemble This Tricycle

Assembly Instructions

5. Insert the quick release skewer & turn the skewer adjusting nut clockwise to tighten it. Keep turning the adjusting nut until you see or feel the nut contact the face of the dropout.
6. Next, try closing the lever. Your goal is to tighten the adjusting nut enough so that the lever can be fully closed and closing it requires significant force. You want it to be hard to close, you want to see a lever mark on your hand. If the lever is not hard to close, hold the lever and further tighten the adjusting nut, try again. If not possible to close or its very, very hard to close, hold the lever and slightly loosen the adjusting nut, try again. Towards the end of the adjustment process, quite small changes, like $\frac{1}{2}$ turn, of the adjusting nut are necessary. Your goal is to tighten the adjusting nut enough so that the lever can be closed but requires significant force to close. You want it to be hard to close, you want to see a mark on your hand.
7. Also, be sure the movement of the lever isn't restricted by contact with the fork.
8. All wheels may need to be trued using a spoke key.



How To Assemble This Tricycle

Disc Brakes

Your trike is equipped with disc brakes for maximum reliability. Applying hand pressure to the brake levers will engage the brake pads against the brake rotor, creating friction and slowing down the wheel. The more hand pressure applied to the brake lever, the faster the trike will come to a stop.

The rear brake should always be applied before and while the front brake is applied. Applying only the front brake to slow or stop at high speeds may result in the rider being ejected from the saddle and continuing forward over the handlebars. It is best to apply even pressure to both brake levers when slowing or stopping.

Tricycles equipped with disc brakes will occasionally make a slight scraping noise when the wheels are turning without the brakes being applied. This is normal.

WARNING:

Disc brake rotors become hot during use. Do not touch or come in contact with the disc rotor shortly after use.

Wet weather will require a longer distance to stop. Brake earlier and avoid sudden stops when riding in wet conditions.

How To Assemble This Tricycle

Assembly Instructions

Make sure that the brake lever does not contact the handlebar when full hand pressure is applied. The contact point should feel firm and solid. If the lever travels all the way to the handlebar or feels spongy, they may require service by a qualified bicycle technician.

If the brakes are still not operating correctly, they may require further adjustment by an experienced bicycle mechanic.

New Brakes Bed-in Procedure

New brakes will require a “bed-in” procedure prior to your first ride, which will ensure the most consistent and powerful braking feel.

1. Find a safe riding area that will allow for moderate speed. Remain seated during the entire procedure for optimal results.
2. Accelerate the trike to a moderate speed, then firmly squeeze the brake levers until you are at walking speed. Repeat this process about twenty times.
3. Accelerate the trike to a faster speed, then firmly squeeze the brake levers until you are at walking speed. Repeat this process about ten times.

IMPORTANT NOTE:

Do not lock up the wheels at any point during the riding -in procedure.

How To Assemble This Tricycle

Rear Fenders



Align the two screw holes on the basket, then tighten the screws to secure the mudguard to the basket.

How To Assemble This Tricycle

Front Fender And Light Assembly

Please attach the new easy fit front fender using the bolt already located at the rear of the forks or in the hardware box, also attach the front light using the same bolt/bracket as shown in the images. (There is now no need for the fender support bars.)



How To Assemble This Tricycle

The Seat

Make sure that the seat is tight enough so that you can't twist it out of alignment. Pull the seat clamp handle away from the seat post and slide the seat up to down to adjust it. Move the clamp handle inward toward the seat post so it is held tight by the clamp.

This should require a fair amount of force to ensure the seat post is held tight.

Turning the bolt clockwise will increase the clamping force and counter clockwise will decrease the clamping force.

Make sure the seat is not set with the vertical maximum height marks above the clamp.

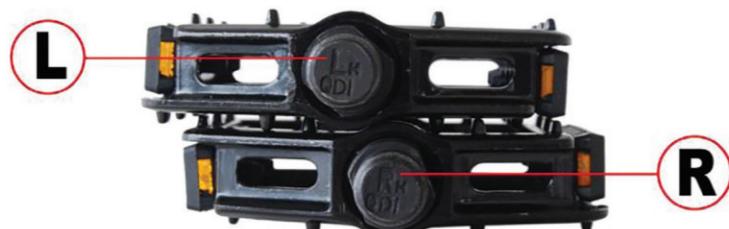


How To Assemble This Tricycle

Assembly Instructions

Use a 15mm spanner to attach and tighten the pedals
remember to grease the pedal thread first.

Please Note: The pedals are marked "L" for Left and "R" for right. The left pedal is attached by turning it counterclockwise and the right pedals are tightened by turning them clockwise. Make sure the pedals are tightly attached to the crank arms to prevent slipping.



How To Assemble This Tricycle

Front Suspension Travel And Sag Guide

Sag is a measurement of the amount of suspension fork travel with the rider stationary in their normal riding position. The Sag depends on the position and weight of the rider and should be between 15% and 30% of the fork's max travel depending on the intended use and preferences.



How To Assemble This Tricycle

Gears

Your trike is equipped with 7 speed driven system. The first gear is for easier and uphill pedalling, and the last gear is for maximum speed on level or downhill terrain. Change gears only while pedalling. When the grip shift nexus gear selector shows '1' you are in the first gear, or the lowest gear. When it displays '7' you are in the highest gear. Adjustments require fine tuning and should only be made by a qualified technician.

Avoid changing gears very rapidly from first gear to the last gear or vice versa.

The reverse switch "Reverse", the pressed state is the reverse gear, and then the rebound state is the forward gear.



How To Assemble This Tricycle

The keys are used to lock the battery into place. Always make sure that the key position is in the “unlock” position when removing or inserting the battery. Move the key to the “on” position to secure the battery before operating the trike. Riding the trike with the key is in the “unlock” position risks allowing the battery to slide out and damage the battery when dropped. Always remove the battery from the trike when transporting on a trike rack.

After receiving your E-trike, please keep the keys separately, in case of losing both keys. After-sales personnel is not able to deliver replacements.

Appearance Care And Maintenance

Periodically clean your tricycle electric trike with a damp cloth. Avoid spraying the bike with a water hose to avoid electrical issues. Store your bike in a dry shelter area away from direct sunlight and wet or damp environments. It is also recommended to apply chain lube to the drivetrain of your trike when you clean it or wipe it down to keep it in good running condition.

Monthly, clean your drivetrain and inspect chain for wear; re-apply lubricant to the chain and wipe off any excess with a cloth. Check wheels for loose spokes; tighten if necessary. Check the tightness of stationery and moving parts, such as, the crank arms and pedals, stem bolts, axle nuts, etc. Inspect your braking system, both levers and callipers to ensure safety while riding. Replace damaged or worn parts, such as, cables and brake pads

Battery Fuse

The fuse is designed to protect the battery. If the fuse blows, there will be no power to any of the electrical components powered by the battery.

You can email Tricycles for further advice if required.

Tyres And Inner Tubes

Use a reliable tyre air pressure gauge to check for inflation before every ride. At the same time, inspect tyres for excessive wear and cracks. Replace tyres if necessary.

Handle Throttle Control

When the pedal assist mode is set to "0", the pedal assist function(s) do not engage. The throttle control will not still work.

The throttle control is operated on the right-hand side.

You control the throttle by pushing it using your thumb, the more you press the more power is released. The further the throttle switch is from its resting position; the more power is delivered to the motors to accelerate the trike.

When you want to slow down, you simply release the throttle and let it return to its resting position and simultaneously apply the brakes.



About Charging

Charger

Included with your new Trike is a lithium ion battery, along with a charger, which plugs into a standard household electric outlet.

A lithium ion battery requires specially designed chargers. You should never charge your battery with a substitute charger that is not designed for this use. Use of an unsuitable charge to charge a lithium ion battery could result in over-heating, fire, or even explosion.

Recharging The Battery

The battery may be charged while on the trike or removed and charged at a location away from the E-trike. The battery is easily removed by turning the key to the unlock position, grasping the handle of the battery, and sliding the battery out.

To charge the battery, plug the charger in to an AC outlet. Then plug the charger in to the charging port located on the bottom or side of the battery by opening the rubber charger cover. The LED indication light on the charger should be green and turn red once plugged into the battery and charging. It will then return to green again once fully charged.

Battery Charging

Battery And Charger Care

The charger will charge a fully depleted battery in 6-8 hours.

The indicator light on the charger will be red when the battery is charging and will turn green when fully charged. Avoid subjecting the battery to high temperatures, such as directly under the sun for prolonged periods of time. Recharge the battery before it becomes completely discharged. Completely discharging will reduce the numbers of recharging cycles during the battery's life and will limit the capacity. Never store the battery in a discharged state. After much use, your batteries charge-holding capacity will decrease. If you find that your battery does not hold a sufficient charge, you should contact After-sales personnel to order a replacement.

Please fully charge the battery at least once a month when the E-trike is not in use!

- Recharge the battery after very use.
- Do not disassemble or alter the battery or battery charger.
- Do not place the battery near fire or corrosive substances.
- Do not allow any liquids on or inside the battery/charger.
- Do not expose the battery/charger to extreme weather conditions.
- Do not operate the battery/charger if damaged.
- Recharge the battery only with a charger specified by the manufacturer.
- Do not use the battery/charger for any use other than its intended propose.
- Only use the battery/charge on Tricycles approved products
- Do not charge indoors

How To Start Up The Trike

On the battery, switch the power button to 'on'.

To remove the battery, insert the key, turn the key 180 degrees to the left (anti-clockwise), then pull the battery up and towards the back of the trike. Once charged, slide back into position and lock by turning the key 180 degrees to the right (clockwise).



How To Use The LCD Display

Hold the power button down on the handlebars until the display turns on.

To change the pedal assistance level use the 'up' and 'down' buttons.

When not riding, you can turn off the display by again holding down the power button. The LCD meter display on your Tricycles can be programmed to change various functions.

***To turn the lights on and off keep the (+) button pressed down for 2 seconds.**

Safety

Helmet

Always wear an approved helmet while riding your Tricycle and follow the helmet manufacturer's instructions for fit, use and care of your helmet. It is your responsibility to familiarise yourself with the laws of where you ride your trike and to comply with all applicable laws.

Mechanical Safety Check

Check the condition of your trike before every ride. Make sure no nuts, bolts or accessories are loose, with particular attention to the front axle and handlebar stem. Make sure that the tyres are correctly inflated with the recommended air pressure that is located on the side wall of very tyre. Check the brakes for proper operations.

You must take your trike in to be serviced and checked by a qualified bike/trike mechanic after 100 miles (160 kilometres) of riding. This is a standard good practice for any new trike as cables will stretch and components will "break in". The service must include spoke tensioning for both front and rear wheels.

Safety

Apply to all Tricycles

Your First Ride

When you fasten on your helmet and go for your first ride, be sure to pick an area away from cars, other cyclists, obstacles or other hazards in order to become familiar with the controls, features and performance of your new trike.

Your first ride may seem unstable if you have never ridden a tricycle before. You may even feel the tricycle is pulling you to one side, or you are going to fall off. This is quite normal and can take a little practice to overcome.

Additional Passengers

This tricycle is designed for one rider only.

DO NOT carry any additional passengers on the front or rear of the bike.

Weight Capacity

Tricycles are designed with a maximum weight capacity of 150kg. Exceeding the maximum weight capacity can result in damage of the trike which can lead to serious injury.

NOTE:

We don't recommend using Tricycles in the rain. The battery, motor or controller can get damaged. Also avoid cleaning the E-bike with high-pressure cleaner or running water.

The trike has to be turned off when standstill, otherwise it may cause a short-circuit.

Additional Safety

Getting To Know Your Trike

Carrying a load and riding a long-wheelbase trike both require getting experience. Practice manoeuvring and braking on a flat, hazard and traffic-free street with and without a load before going out into the world. Carrying a heavy load involves risks, foremost of which can be decreased braking power and increased stopping distance.

Children

The user of this product acknowledges both an understanding and an assumption of the risk involved in cycling, cycling with cargo, and cycling with a passenger. Children are highly recommended not to ride on any of the Tricycles electric tricycles. It is very dangerous and a high opportunity cause of serious injury.

Use Good Judgement

Make sure no straps are dangling where they could get caught in the wheels. No bags, boxes or any items are in a position where they could be caught in the spokes. Double check your load for security and stability. Check that your brakes are well adjusted. Check to see that your wheels are securely fastened. Check that your helmet is securely fastened. Make sure that no components or frame members are cracked or broken.

In general, if at any time you notice a crack or bend in your bike, stems, forks, or bars of your tricycle, stop riding immediately; take your trike to your local bike shop and have them inspect it.

One-Year Parts Warranty

Warranty Terms

1. We want you to have confidence in any purchase made from VIPCOO Tricycles and we offer a full 12 months parts warranty from the date of purchase. Under the warranty we are not responsible for any losses to you or any 3rd party resulting from the malfunction of the product, and we are not responsible for any accidental damage to the product. Your statutory rights as a consumer are unaffected.
2. Within the warranty, we will supply the new parts and where appropriate, advice on replacing or repairing the part. Defective parts must be returned to us for inspection at the buyers cost, the customer is then liable to collect the product themselves or pay subsequent shipping costs. Once the warranty period has expired on the product we will only offer an advice service.
3. Not covered under the warranty – Brake pads, worn tyres and punctures, worn batteries, worn bearings, worn brakes, general wear & tear or damage to any part of the product due to abuse or misuse.

Labour or servicing carried out by anybody from outside of us. Parts damaged by accidents, neglect, or general wear and tear (Including Lithium Batteries).

Damage caused by a non-covered part or by any part not purchased from our facility. Product parts damaged due to not being regularly checked and serviced as recommended in the maintenance section. Rust or weather damage of any kind. Bending back any soft metals such as the mudguards as this is made clear in the disclaimer, can happen due to delivery. It is the customers responsibility to take care of the tricycle with regular servicing.

4. We reserve the right to determine what damage is due to defective materials and what is due to product abuse or misuse. Extended Warranty will run from the midnight from the final day of the current warranty. Full warranty terms remain. (see above). Warranties are not transferable.
5. Any parts or complete tricycles replaced under warranty are subject to an additional 90 days cover after the original warranty period only.

Product Parameters

Model	VC-ET1	Tire Size	20*4.0 inch
Battery	48V/20Ah	Tyre Type	Off-road Air tires
Power	250W	Charging time	6~8 hours
Display Screen	Color	Frame Material	Aluminum alloy
Max Speed	25KM/H	Net Weight	49KG
Range	40-65KM	Gross Weight	59KG
Max Load	150KG	Package Size	106*77*81cm
Break	Three front and rear disc brakes		
Light	Front LED headlights, side lights and tail lights		
Adapter	Input 100-240 VAC 50/60Hz 2A, Output 54.6 V 2A Max		

The max load capacity is the maximum weight that the ebike can withstand.

The weight of the tester is 80kg, and the range of the flat road test is 40-65km.

The length of the range depends on the weight of the rider, the riding conditions, and the temperature; If the weight of the cyclist exceeds 80kg, the road conditions are rough, and the temperature is low, the range will be correspondingly shortened.

Limited Warranty

**BY USING THIS PRODUCT YOU AGREE TO THIS LIMITED WARRANTY.
PLEASE READ THIS LIMITED WARRANTY CAREFULLY.**

To benefit from the limited warranty, the customer is advised to read VIPCOO Warranty terms together with the “care and maintenance” sections provided in the user manual. This limited warranty applies to the extent permitted by law and unless restricted or prohibited by law.

Attention for warranty Faults caused by any of following causes are not within the scope of warranty:

1. Failed to maintain according to this user manual.
2. Product damage or defects caused by improper driver operation.
3. Damage caused by misuse, traffic accident or accidental collision.
4. Damage caused by riding on abnormal roads or accidental collision.
5. Damage of the vehicle caused by natural disaster or irresistible force.
6. Products which have had their serial numbers removed or tampered with.
7. Defects or malfunctions of the product not notified by customer during the Warranty Period.
8. Products used for commercial purposes including but not limited to leasing/hiring, use in competitions etc.
9. Performing high-risk actions such as stunts, spinning, or jumping lead to rapid aging or malfunction of the product.
10. Expose this product under blazing sun or outdoor for along time, as that will speed up the aging process of the product and cause malfunction.
11. Defects or damages from improper storage, exposure to moisture or dampness, modifications, connections, repairs (except as carried out by VIPCOO or its authorised centres), misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of VIPCOO, including damage caused by dropping, blown fuses, liquid entering the interior of the product.

Warranty Card

Dear user, Thanks for using our electric bicycles. Please fill in the form below clearly for sake of better after-sale services.

User	Name		Workplace	
	Tel			
	Add			
Date of Purchase			Serial number	
Model			VIN	
Invoice Number			Battery serial number	
Distributor	Name			
	Contact			
Note				

Shenzhen Tianshengle Technology Co., Ltd.

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VIPCOO