

2017-2018 FATKAT ELECTRIC MOUNTAIN BIKE OWNER'S MANUAL

This manual contains important safety, performance and service information. Read it before you take the first ride on your new QuietKat, and keep it for future reference.

INTRODUCTION & A WORD ABOUT THIS MANUAL

Thank you for purchasing a FatKat electric mountain bike by QuietKat.

This is a serious piece of machinery designed for use by adults in fully controlled and safe environments. As the purchaser/owner of the bike, you are responsible with the task of keeping the rider safe at all times. Your bike has great capabilities and can grow with the skills of the rider to high levels, but it is imperative that the responsible adult is in control during the entire learning process and gives full attention at all times.

The FatKat is designed for off-road use, but can be ridden where other non-motorized bikes are allowed. Please check and obey all local laws. Quietkat may only be ridden in safe areas where all laws are being followed and all required permissions are given.

Because it is impossible to anticipate every situation or condition which can occur while riding, this manual makes no representation about the safe use of the bicycle under all conditions. There are risks associated with the use of a bicycle which cannot be predicted or avoided, and which are the sole responsibility of the rider.

This Owner's Manual provides important information regarding safety and maintenance of your FatKat bike. Please read through the entire manual prior to operating your machine and save this manual for future reference. Visit quietkat.com for updated information.

If at any time you have questions or need assistance with the maintenance of your QuietKat product, please contact us using the contact information below and throughout the Owner's Manual.

Thanks again for purchasing a Quietkat product. We hope you enjoy the ride!

Jake Roach, President – QuietKat



QuietKat Contact Information:

Service & Support - customerservice@quietkat.com

Accounting - accounting@quietkat.com

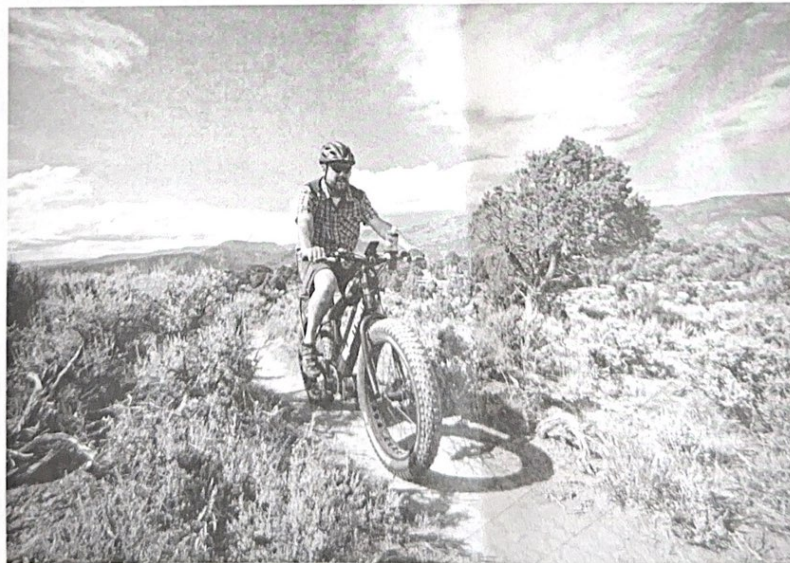
General Info - info@quietkat.com

Sales - sales@quietkat.com

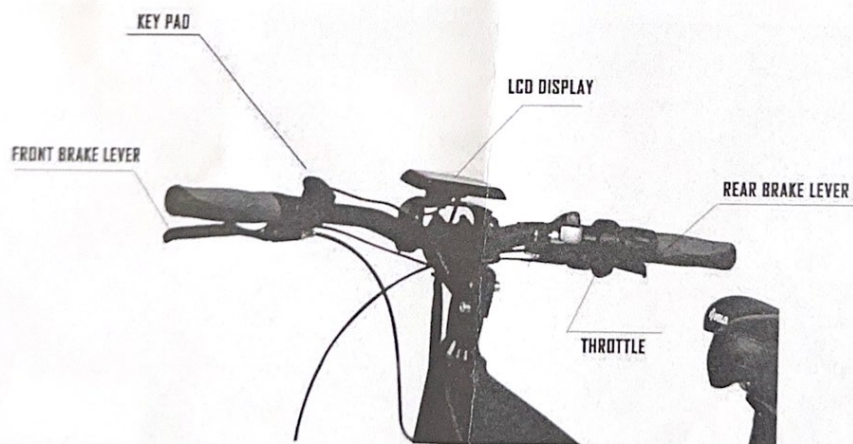
(970) 328-2399

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PARTS DESCRIPTION



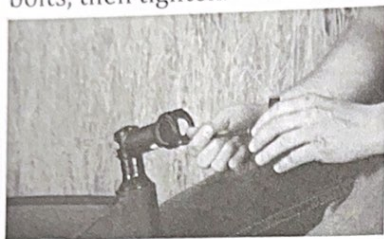
Specifications:

- Weight: 70-80 lbs (depending on model)
- Motor: BBSHD 48V mid drive advanced motor system
- Controller: Digital motor controller
- Throttle: Thumb throttle
- Display: Digital display with smart power mode motor communication
- Battery: 48V 11.6 Lithium-Ion Battery by Panasonic Cell Chemistry
- Charger: Lithium battery 2Amp charger
- Frame: Aluminum Alloy 60601
- Fork: Rigid with 135mm dropout (Eco); 4" suspension (QKF750, 750-IC)
- Brake: Hydraulic disc
- Rim: 100mm rim with holes
- Wheel / Tire: 26" x 4.5" knobby tire & tube, 20"x 4" (QKF750)
- Derailleur: 8-speed Shimano (1000-IC, 750-IC) or Single Speed (Eco)
- Handlebar & Stem: 740mm bar
- Chain Wheel & Sprocket: Chain, 39 tooth
- Other Components: Headset, Pedal & Crank Recommended load carry : 250-300 lbs.

UNBOXING INSTRUCTIONS

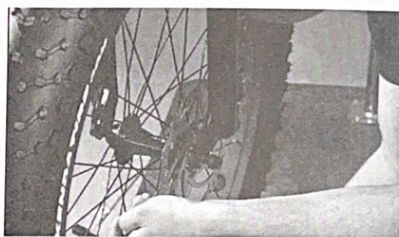
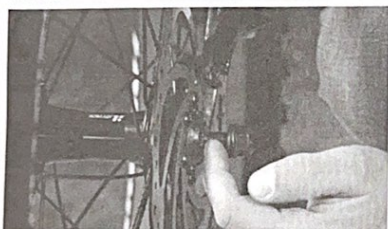
QuietKat recommends that the bike be inspected, assembled and adjusted by a certified bicycle mechanic before riding. For a more in-depth assembly guide, check out our FatKat Assembly video at <http://www.quietkat.com/assembly-and-maintenance/>

1. Carefully remove bike from packaging box.
2. To attach handlebars, use a 4 mm allen wrench to remove the four bolts from the front of the stem and remove bracket. Insert handlebars and reattach bracket and bolts, then tighten.



Align gooseneck and tighten gooseneck bolts with a 4 mm allen wrench.

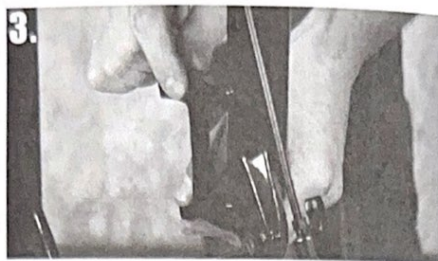
3. Attach the front wheel. Place the wheel hub bolts in slots on front fork. Line up disc brake rotor into brake pad housing. Use an adjustable wrench to tighten bolts onto fork.



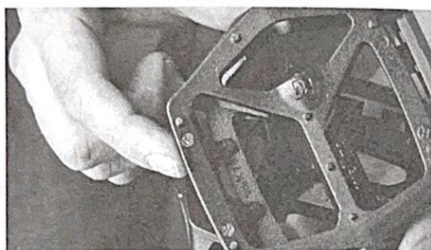
4. **1000W BIKES ONLY!**

The front brake caliper will need to be mounted to the fork. (1) Start by removing bolts from fork. (2) Next, remove C shaped bracket from the caliper itself. (3) Mount C bracket to fork. (4) Mount caliper to bracket, making sure to remove yellow spacer before slipping over brake rotor. DO NOT squeeze brake lever after removing yellow spacer or until after caliper is mounted over brake rotor.





5. Attach pedals. The pedals are designed for left and right foot specific use. Please find the L and R on the pedals before attaching. Use a bike pedal wrench to screw on pedals to cranks.

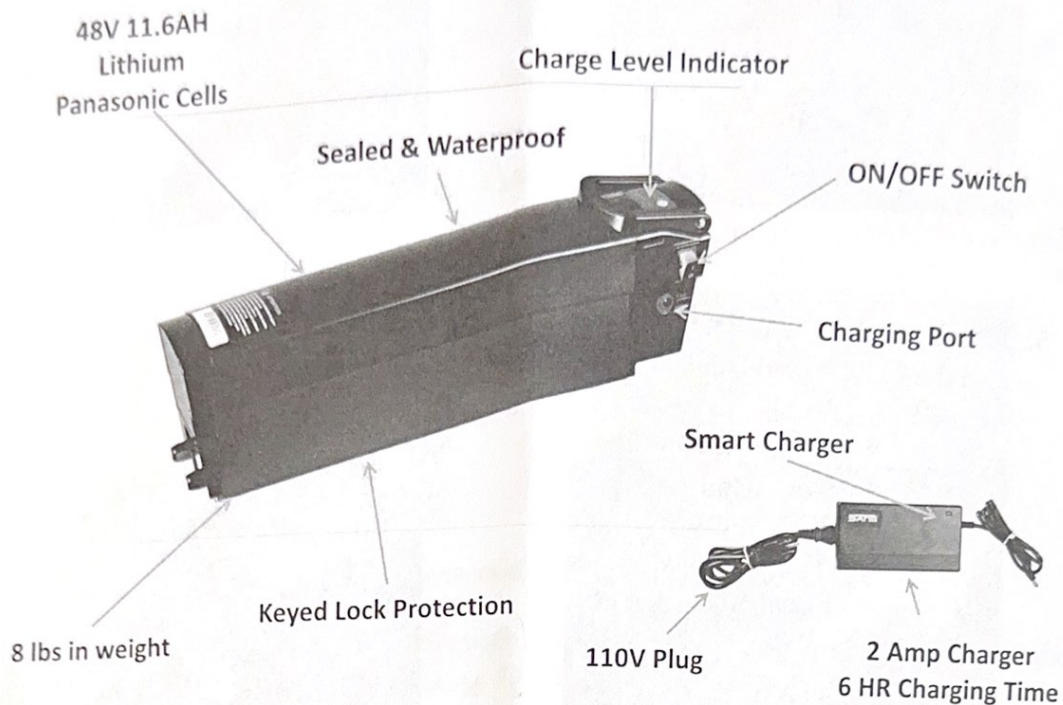


***NOTE:** The left pedal is reverse threaded. This must be screwed on the opposite direction of the right pedal.

Remove clear protective film from control screen, gear shift and motor before riding.

6. The battery should be partially charged in the box, but you may want to fully charge the battery before your initial ride.

BATTERY CHARGING



Steps for Charging Battery:

1. Turn off the power with the switch on the side of the battery. "0" is off. "—" is on.
2. Plug in the output lead of the charger into the socket on the side of the battery case. If the battery is in the bike, first move aside the rubber cover above the on/off switch to insert the lead into the charging port.
3. Plug the AC power input plug into a 110/200 volt household power socket to begin charging.
4. The red indication light will illuminate when charging. It will turn green when the battery is full. A complete charge on a fully drained battery may take up to eight hours.
5. After charging is complete, unplug the charger from the wall first, and then from the battery charging port.

Tips for Charging

- The battery pack may be charged after every use. The 48-volt lithium ion battery has no memory effect, so you can charge the battery after short periods of use without any damage.
- The battery can be recharged on or off the bike.
- Remove the battery from the bike frame by turning the key and carefully pulling the battery by the handle upwards until the battery pack lifts off and out of the bike frame.
- The safe-charging unit will automatically stop charging once the battery is full.
- Always charge in dry conditions and indoors away from direct sunlight.
- Check charger, cables and battery for damage before beginning each charging session.
- Always charge your battery at temperatures between 50°-80° F.
- Keep the charger in a safe place and away from children.
- Do not charge battery with chargers other than the original.
- Avoid charger contact with liquids and/or other metal objects.
- When in use, the charger should not be covered as to prevent overheating, damage, or fire.
- The charger is only for indoor use. Please use in a dry and ventilated place.
- If you notice a smell coming from the charger, or it is too hot, stop charging immediately and contact QuietKat.

ELECTRONIC DISPLAY AND CONTROLLER

The FatKat's digital display and controller delivers all of the important information at a glance, and can be read in direct sunlight without difficulty. The handlebar controller gives good performance feedback and is easy to use.

The power output to the motor is controlled by five levels (1-5). The display shows speed in MPH or KPH, has a backlight that automatically illuminates when it gets dark.



The following information is available through the controller display:

- Battery Level
- Current Speed
- Maximum Speed

- Average Speed
- Duration of Single Trip
- Distance of Single Trip
- Total Distance (Odometer)
- Backlight
- Watts output
- USB charging

Five button keypad

- Power Button – turns power and display on and off
- Plus – increases power
- Minus- decreases power
- Light button -- illuminates display backlight
- "i" button – toggles through information



Display Functions

To scroll through the programming settings, click the “i” button twice to enter the menu, and then click it again to move to the next option. Double click again to save and return to the regular display mode.

Programming Codes:

- TC = Trip clearance. Choose Y to clear the trip data.
- S7 = Miles or Kilometers. Use the plus or minus buttons to choose measurement, then double click the “i” button to save and return to regular display mode.
- BL0 = Automatic backlight sensor. Using the plus/minus Choose a numbered setting on how sensitive the light sensor will be.
- BL1 = Backlight Brightness. Use the plus/minus buttons to choose the brightness level of the backlit display.
- Off = Screen auto shut-off time. Use the plus/minus buttons to change the time before the display automatically shuts down when not in use.
- Ma = Maintenance reminder. Use plus/minus buttons to choose 0 for off or 1 for on.
- SB = password to change internal computer settings. Use plus/minus and I buttons to scroll through and set digits. Password code is 0512.
- LUd = Wheel diameter setting. Use the plus/minus buttons to set wheel diameter.
- SPL = Speed limit. Use the plus/minus buttons to set the bike’s motor assisted speed limit.

USB Port

The USB port on the side of the display screen allows you to plug in a USB cord to charge a mobile device or power a USB-attached bike light. To operate the charging system, first plug in the device using a USB cord and turn on the system with the power button on the five-button keypad.

TIPS FOR RIDING THE FATKAT

- In order to reduce battery usage and extend the motor lifespan, use the pedals often, especially during start-ups and hill climbs.
- On steep inclines, it is best to shift the gears down and the power level up to pedal up a hill.
- Do not push the throttle too suddenly. The bike should accelerate slowly, reducing consumption and risk of damage to the electrical system,. It is better to use the pedals to avoid sudden stops and startups.
- The bike's controller has a charge overload protection system. If the bike is overloaded, power will be cut automatically and restored when it returns to normal.
- When riding, avoid using the throttle while braking.



BASIC MAINTENANCE

To ensure safe riding conditions you must properly maintain your bike. You should follow the basic guidelines below and see a certified local bike shop seasonally to ensure your bike is safe to use.

Regular self-checks

- Tightening and correct operation of wheels, frame and front fork.
- Tire pressure and conditions
- Gearshift in correct operation
- Reflectors, lights or bells in correct positions and in working order.
- Braking system in working order.
- Keep mechanical parts properly lubricated and clean.
- If you do not use the bike for long periods of time, charge the battery at least once a month.

Cleaning Tips

- Do not wash the bike with high-pressure jets in order to prevent water infiltration into the electrical system.
- Dirt on painted surfaces should be removed with a neutral cleaning product. Then wipe with a dry cloth.
- Lubricate the bike's chain and other mechanical parts after every washing.
- Do not apply lubricants on the brakes, brake levels, rims, tires batter or controller.

BATTERY MAINTENANCE AND POWER-SAVING TIPS

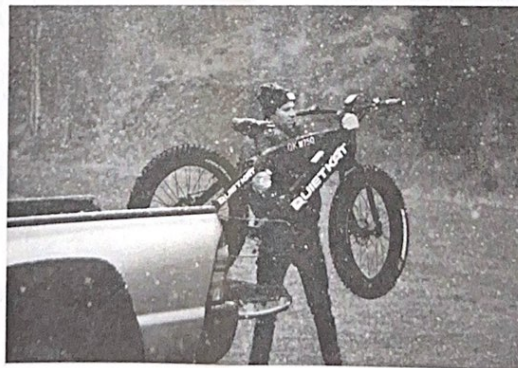
Under normal conditions, on flat, paved terrain, and on a medium power setting, the average rider can expect to travel between 15-and 20 miles on a full charge without much pedaling.

With pedaling and using the power as an assist, the rider can use less power than just with the throttle alone.

- Without pedaling, extra battery power will be consumed during:
 - frequent braking and starting
 - riding uphill
 - riding against strong winds
 - starting from a standstill and using only the throttle
 - riding on rough or muddy roads and trails
 - carrying or pulling heavy loads
- A few tips to prolong the battery life during these conditions:
 - Frequent braking – try to look ahead and coast, rather than stopping and going frequently
 - Riding uphill or in stiff winds – pedal to supplement the battery power
 - When starting from a standstill – use the pedals to help bring you up to speed
 - When battery voltage is low, reduce or turn off power setting and switch to manual pedaling mode.
 - If the bike is being stored for long periods, remove the battery from the frame and recharge it at least once a month.

GENERAL SAFETY TIPS

- Like any sport, bicycling involves risk of injury and damage. By choosing to ride a FatKat, you assume the responsibility for that risk, so you need to know – and to practice – the rules of safe and responsible riding and of proper use and maintenance. Proper use and maintenance of your FatKat bike reduces your risk for injury.
- Always wear an approved bicycle helmet when riding. Failure to follow this warning could result in serious injury or death.
- Your bike is designed for use by persons 16 years-old and above. Do not let a child younger than 16-years-old ride the bicycle.
- Riders must have the physical coordination, reaction time and mental capacity to ride and manage traffic, road conditions, sudden situations, as well as respect and obey the laws governing bicycle use where they ride.
- If you have an impairment or disability, consult your physician before riding any bicycle.
- Do NOT wear baggy or loose pants while operating your FatKat. We recommend you use secure your clothing with a leg band or wear active shorts if possible.
- Turn off battery before making and chain or derailleur inspections or adjustments. Any turning of the cranks will cause the motor to engage, causing potential injury.



WARNING: ADULT SUPERVISION REQUIRED

QuietKat is intended to be used by an operator 16 years or older. Adult supervision is required for any operator who is under the age of 18. Never allow a child to alter the settings or to ride without adult supervision. Instructing and practicing in a controlled situation will allow the child to learn how to operate the machine safely and under control. The child's enjoyment will be greatly enhanced if they feel safe during the initial learning process. Please follow the instructions contained in this manual before operating the machine.

WARNING: FOLLOW SAFE RIDING PRACTICES

- OPERATOR ONLY! NO PASSENGERS!
- Long hair, loose clothing, or loose items worn by the rider must be covered to prevent entanglement in moving parts of the machine or surroundings while riding.
- Do not exceed the weight limit. Heavier riders may significantly reduce performance and/or render the vehicle unstable and/or over-tax the brakes and other control devices. Exceeding the weight limit may cause structural damage not covered by the warranty.
- Do not touch any moving or hot parts.
- Do not ride at night or under other low visibility conditions.
- Do not immerse this vehicle in water.
- Do not ride on steep or uneven surfaces.
- Do not ride faster than conditions permit for safe operation.
- The rider should be securely seated on the unit ready to ride before turning on the vehicle.

WARNING: WEAR PROTECTIVE EQUIPMENT

Off-road riding presents many hazards such as loose dirt, obstacles, and other difficult to see and avoid conditions. Wear approved helmet, gloves, wrist, knee, elbow and eye protection. Failure to use appropriate safety equipment greatly increases the risk of serious injury.

WARNING: PROPER MAINTENANCE OF THIS VEHICLE IS REQUIRED

Failure to maintain this vehicle in proper operating condition can lead to an accident resulting in injury, death, and/or property damage. If you have any questions about the proper care and maintenance of this vehicle, consult your selling

dealer/distributor or contact QuietKat Customer Care at customerservice@quietkat.com or 970-328-6629.

WARRANTY

Every QuietKat product comes with a one-year limited warranty against manufacturing defects in materials or workmanship on its battery, controller and motor assembly. QuietKat frames come with a lifetime warranty. This warranty applies only to the original registered owner of the QuietKat and is not transferable.

This limited warranty does not apply to normal wear and tear, malfunctions, or failures due to abuse, neglect, improper repair, improper maintenance, alteration, modification, accidents, or other improper use.

The one-year warranty on QuietKat's lithium-ion batteries from the date of original purchase does not include damage from power surges, use of improper charger, improper maintenance or other such misuse, normal wear or water damage.

If a component is deemed to be defective or damaged without user error or other improper use, QuietKat will assist in replacing that part. This includes any parts deemed to have been damaged in shipping. We will not replace any part deemed to be damaged by the user.

In the case of a repair or parts replacement under warranty, we will work with the owner to find a local certified bicycle repair shop to make the necessary fix. QuietKat will also cover the associated repair labor fees, only if the scope of service is agreed upon prior to the fix. The owner may also return the unit to QuietKat to make the needed repairs, but will be responsible for shipping costs each way.

WARRANTY CLAIMS

All claims to this warranty must be made through QuietKat, Inc., and can be submitted to info@quietkat.com. Proof of the original purchase may be required with any warranty request. Before making a claim, please contact our service department at info@quietkat.com as there may be a simple fix for the problem. Valid warranty claims will be processed within one year of the initial purchase.

SHIPPING DAMAGE CLAIMS

Upon delivery, immediately inspect your products for damage. Freight damage claims are extremely time sensitive, and we will not accept freight damage claims later than 3 business days from delivery. Note any damage to your products on the Bill of Lading before you and the delivery driver sign-off on the shipment. Take photos of any damage

that is found and date the images when possible. Report shipping damage claims within 3 business days of delivery to QuietKat, Inc. at 970-328-2399 x25 or info@quietkat.com

RETURN POLICIES

QuietKat will accept the return or cancellation of an order under the following conditions:

- Items that are purchased and cancelled before shipping are subject to a 15% processing fee.
- Items that are shipped may be returned within 30 days if there are fewer than 10 miles on the odometer. Those returns are subject to a 15% restocking fee on the purchase price, as well as return shipping fees. A 1% fee is added for every mile over 10 miles. The original shipping charges are non-refundable.
- QuietKat will not accept the returns of products after 30 days.
- In the event of a product return, QuietKat will not accept the return of promotional items associated with that sale. The MSRP value of the promotional items will be deducted from the refund.
- Before a return is made, the customer must receive written approval of the return and a Return Authorization Number from QuietKat, Inc. If a customer sends a return without the written consent of the company, a refund will not be issued. The customer who sends a unit back without consent will be responsible for shipping costs back to them, or will sacrifice the item. Once a return is approved by QuietKat, Inc., you may receive an exchange, company credit or a refund. Please address your return to:

QuietKat, Inc.
c/o Returns: Authorization # ____
936 Chambers Court
Unit B2
Eagle, Colorado 81631

- All purchases made through authorized QuietKat retailers are subject to the dealer's return and refund policies. QuietKat does not accept direct returns of products sold through authorized retailers. All products sold through dealers must be returned to the original seller.

