



DualShock Folding e-Bike

 **VALK**
ASSEMBLY
DualShock
Folding
eBike



CLICK ME



Colours may vary

User Manual

[Revision 9.0 June 2020]

Please note the user must be pedalling in order for the motor to activate.

READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description and packaging.

Safety

Safety messages are designed to alert you to possible dangers or hazards that could cause death, injury or equipment or property damage if not understood or followed. Safety messages have the following symbols:



You **WILL** be KILLED or SERIOUSLY INJURED if you do not follow instructions.

It is vital that you read and understand this user manual before using the product, including safety warnings, and any assembly and operating instructions. Keep the manual for future reference.

Safety precautions and recommendations detailed here must be fully understood and followed to reduce the risk of injury, fire, explosion, electrical hazard, and/or property damage.

Safety information presented here is generic in nature – some advice may not be applicable to every product. The term "equipment" refers to the product, be it electrical mains powered, battery powered or combustion engine powered.

- **Before Use** - If you are not familiar with the safe operation/handling of the equipment or are in any way unsure of any aspect of suitability or correct use for your application, you should complete training conducted by a person or organization qualified in safe use and operation of this equipment, including fuel/electrical handling and safety.
- Do NOT operate the equipment in flammable or explosive environments, such as in the presence of flammable liquids, gases or dust. The equipment may create sparks or heat that may ignite flammable substances.
- Keep clear of moving parts.
- Equipment may be a potential source of electric shock or injury if misused.
- Do NOT operate the equipment if it is damaged, malfunctioning or is in an excessively worn state.
- Do NOT allow others to use the equipment unless they have read this manual and are adequately trained.
- Keep packaging away from children - risk of suffocation! Operators must use the equipment correctly. When using the equipment, consider conditions and pay due care to persons and property.

General Work Area Safety

- Work areas should be clean and well lit.
- Do not operate the equipment if bystanders, animals etc are within operating range of the equipment or the general work area.
- If devices are provided for connecting dust extraction / collection facilities, ensure these are connected and used properly. Dust collection can reduce dust-related hazards.



You **CAN** be KILLED or SERIOUSLY INJURED if you do not follow instructions.

General Personal Safety

- Wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect from eye and ear injury, poisoning, burns, cutting and crush injuries. Protective equipment such as safety goggles, respirators, non-slip safety footwear, hard hat, hearing protection etc should be used for appropriate equipment / conditions. Other people nearby should also wear appropriate personal protective equipment. Do not wear loose clothing or jewellery, which can be caught in moving parts. Keep hair and clothing away from the equipment.
- Stay alert and use common sense when operating the equipment. Do not over-reach. Always maintain secure footing and balance.
- Do not use the equipment if tired or under the influence of drugs, alcohol or medication.
- This equipment is not intended for use by persons with reduced physical, sensory or mental capabilities.

General Fuel Safety

- Petrol/fuel/gasoline is extremely flammable – keep clear of naked flames or other ignition sources.
- Do not spill fuel. If you spill fuel, wipe it off the equipment immediately – if fuel gets on your clothing, change clothing.
- Do NOT smoke near fuel or when refuelling.
- Always shut off the engine before refuelling.
- Do NOT refuel a hot engine.
- Open the fuel cap carefully to allow any pressure build-up in the tank to release slowly.
- Always refuel in well ventilated areas.
- Always check for fuel leakage. If fuel leakage is found, do not start or run the engine until all leaks are fixed.

General Carbon-Monoxide Safety

- Using a combustion engine indoors **CAN KILL IN MINUTES**. Engine exhaust contains carbon-monoxide – a poison you cannot smell or see.
- Use combustion engines OUTSIDE only, and far away from windows, doors and vents.



You **CAN** be INJURED if you do not follow instructions or equipment damage may occur.

General Equipment Use and Care

- The equipment is designed for domestic use only.
- Handle the equipment safely and carefully.
- Before use, inspect the equipment for misalignment or binding of moving parts, loose components, damage or any other condition that may affect its operation. If damaged, have the equipment repaired by an authorised service centre or technician before use.
- Prevent unintentional starting of the equipment - ensure equipment and power switches are in the OFF position before connecting or moving equipment. Do not carry equipment with hands or fingers touching any controls. Remove any tools or other items that are not a part of the equipment from it before starting or switching on.
- Do not force the equipment. Use the correct equipment for your application. Equipment will perform better and be safer when used within its design and usage parameters.
- Use the equipment and accessories etc. in accordance with these instructions, considering working conditions and the work to be performed. Using the equipment for operations different from those intended could result in hazardous situations.
- Always keep equipment components (engines, hoses, handles, controls, frames, housings, guards etc) and accessories (cutting tools, nozzles, bits etc) properly maintained. Keep the equipment clean and, where applicable, properly lubricated.
- Store the equipment out of reach of children or untrained persons. To avoid burns or fire hazards, let the equipment cool completely before transporting or storing. Never place or store the equipment near flammable materials, combustible gases or liquids etc.
- The equipment is not weather-proof, and should not be stored in direct sunlight, at high ambient temperatures or locations that are damp or humid.
- Do not clean equipment with solvents, flammable liquids or harsh abrasives.
- For specific equipment safety use and care, see Equipment Safety.

General Electrical Safety	General Electrical Safety	General Service Information
<ul style="list-style-type: none"> Inspect electrical equipment, extension cords, power bars, and electrical fittings for damage or wear before each use. Repair or replace damaged equipment immediately. Ensure all power sources conform to equipment voltage requirements and are disconnected before connecting or disconnecting equipment. When wiring electrically powered equipment, follow all electrical and safety codes. Wherever possible, use a residual current device (RCD). High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal. 	<ul style="list-style-type: none"> Electrically grounded equipment must have an approved cord and plug and be connected to a grounded electrical outlet. Do NOT bypass the ON/OFF switch and operate equipment by connecting and disconnecting the electrical cord. Do NOT use equipment that has exposed wiring, damaged switches, covers or guards. Do NOT use electrical equipment in wet conditions or in damp locations. Do NOT use electrical cords to lift, move or carry equipment. Do NOT coil or knot electrical cords, and ensure electrical cords are not trip hazards. 	<ul style="list-style-type: none"> The equipment must be serviced or repaired at authorised service centres by qualified personnel only. Replacement parts must be original equipment manufacturer (OEM) to ensure equipment safety is maintained. Do NOT attempt any maintenance or repair work not described in this manual. After use, the equipment and components may still be hot – allow the equipment to cool and disconnect spark plugs and/or electrical power sources and/or batteries from it before adjusting, changing accessories or performing repair or maintenance. Do NOT adjust while the equipment is running. Perform service related activities in suitable conditions, such as a workshop. Replace worn, damaged or missing warning/safety labels immediately.

General e-Bike Safety

- Always pull the brakes and hold the handlebar firm and straight before taking off in order to make sure you keep control of the bike when power assistance is in action! NOTE that power assistance is triggered off IMMEDIATELY as soon as the foot slightly presses on the pedal.
- Do not at any time dismantle or disassemble any of the e-bike components!

Battery Safety

- Before riding the e-bike, please read the following notes in order to make best use of the battery. Although the battery is charged about 50 % when the bikes leaves the factory, it needs to be charged for a min. time of 12h before its first use.
- Battery and charger are tuned. Always use the charger which has been supplied with the bike. Never use another one!
- Please make sure the battery is well protected, and that it is never exposed to humidity. Before connecting the charger and battery, please ensure that the input voltage corresponds to the one indicated on the charger (100 ~ 240V).
- Although the battery is constructed for over 500 charging cycles, its life-span can be optimized if it is kept in an environment with a temperature between +10°C and + 30°C.
- Please note that the temperature of the battery will rise when running in HIGH assistance mode over a longer time period. Therefore, before charging the battery, please let it cool down to room temperature, if necessary.
- Keep the battery out of reach for children.
- Never try to open the battery. Apart from this being dangerous all warranty will be void.
- Do not provoke a shortcut circuit with metal gadgets.
- Do not dip the battery in water or any other liquid.
- Do not keep the battery close to heat or open fire.
- A battery needs to be recycled after use, never throw it in an open fire as it could explode.
- If the battery is damaged because it has been dropped somewhere or because of a biking accident, there might be a risk of electrolytes leakage. Beware of chemical burns!
- Do not touch the battery without a cloth or gloves and make sure no acid touches your eyes!
- Immediately stop using a damaged battery.

If your batteries are stored for a long period of time (longer than two months):

- Charge your batteries every 90 days to avoid capacity loss. Battery life slowly shortens when left unused for a long period of time. If the battery cells are left to reach a critically low voltage, their lifespan and capacity will be permanently reduced.
- Always disconnect your charger from the wall outlet and battery before storing the battery.
- Do not store your batteries in extreme hot or cold temperatures.

Riding Rules

- Always wear a helmet - most serious cycling accidents involve the head.
- Ride defensively - never assume the driver of a motor vehicle sees you. Try to make eye contact with the driver of the motor vehicle.
 - Watch for turning and stopping cars.
 - Watch for opening car doors.
 - Be especially cautious at intersections and driveways.
 - Watch for hazards - pot holes, sand, curbs, railroad tracks, manhole covers.
- Obey all traffic rules and signs.

DualShock Folding e-Bike





















- Use the proper hand signals when turning and stopping.
- Do not ride on sidewalks unless necessary - be courteous to pedestrians
- Do not hitch rides on motor vehicles.
- Ride in a straight line - do not weave in and out of traffic or parked cars.
- Ride on the side of the road going the same direction as the traffic.
- Inspect your bike before each ride and keep your bike well maintained.

Riding Tips

- Wear comfortable clothing but not loose clothing.
- Wear bright coloured clothing.
- Wear your clothing in layers so you can add or remove it depending on the temperature.
- Never ride with bare feet.
- Do not wear headphones - you will not be able to hear traffic around you.
- Use a rear view mirror to see what is going on behind you.
- At night, wear clothing with reflective material in it.
- At night, use an appropriate lighting system
- Use extra caution when riding at night, in rain, on snow or ice - give yourself plenty of time to stop.
- Never ride with more than one more person on your bike.
- Do not disturb wildlife.
- Slow down when approaching or overtaking another rider or pedestrian.
- Respect all public and private property.
- Be extra alert when cycling with children - make sure they know the rules.

Safety Symbols

The product may have safety warning labels attached to it, explained below. Understand the symbols on your product and their meanings. If any stickers become unreadable, unattached etc., replace them.

 <p>Flammable Material Hazard Flammable liquids, gases or substances etc may present. Avoid ignition sources and open flames. Danger of fire.</p>	 <p>Read User Manual Read and fully understand product safety warnings, operation, procedures etc before using the product.</p>	 <p>Use Hand Protection Wear appropriate hand protection and take due care as the product or use of the product may present hand hazards.</p>	 <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>
 <p>Electrocution / Electrical Shock Hazard High voltage or high current electricity may be present or required by the product. Take due care when handling electrical products, cables, plugs and leads. Electrical shock can be fatal.</p>	 <p>Toxic Fumes / Dust Hazard Using the product or by-products from use may produce fumes, smoke or particles that could be harmful if inhaled. Wear appropriate breathing protection and have adequate ventilation.</p>	 <p>Explosive Material Hazard Combustible liquids, gases or substances etc may be present. Avoid ignition sources and open flames. Danger of explosion.</p>	 <p>Cutting / Amputation Hazard The product may have blades, edges or mechanical devices that can cause severe cut injury to fingers, limbs etc. Take due care when handling and using the product.</p>
 <p>Crush Hazard The product may have blades, edges or mechanical devices that can cause severe crush injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p>Single Operator Only The product must be operated by a single person only. More than one person operating the product may introduce additional hazards.</p>	 <p>Use Face Protection Wear appropriate full-face protection and take due care as the product or use of the product may present face and eye hazards.</p>	 <p>Use Foot Protection Wear appropriate foot protection and take due care as the product or use of the product may present foot hazards.</p>
 <p>Use Eye / Ear / Head Protection Wear appropriate eye and / or ear and / or head protection and take due care as the product or use of the product may present eye, hearing and head hazards.</p>	 <p>Running Hazard Do not run on or near the product as doing so may present a fall hazard.</p>	 <p>Diving Hazard Do not dive into the product as doing so may present a neck / head injury hazard.</p>	 <p>Adult Supervision Required Always supervise children and other users of a product to prevent drowning or injury.</p>
 <p>Skin Penetration / Puncture Hazard The product may produce pressure, emit liquids or objects that can cause severe injury to fingers, limbs, blood etc. Take due care when handling and using the product.</p>	 <p>Hot Surface Hazard Be aware that the product may produce high temperatures and hot surfaces that can cause burn injuries.</p>	 <p>Flying Debris Hazard Be aware that the product or use of the product may present hazards produced by flying debris. Wear appropriate clothing and protective devices.</p>	 <p>Moving Parts Hazard Be aware that the product contains or uses mechanical devices that move or rotate. Always wait for moving parts to stop fully before handling the product, adjusting, maintenance etc.</p>















 <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>	 <p>Pull Hazard Be aware that the product contains or uses mechanical devices that can pull in objects and can cause severe injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p>Slope / Fall Injury Hazard Be aware that using the product on sloping surfaces or in slippery conditions may present additional dangers from falls and contact with blades, moving parts, hot surfaces etc.</p>	 <p>"Slam Dunk" Warning Do NOT attempt "slam dunk" manoeuvres as this may result in severe injury due to falling, product breakage or collapse etc.</p>
 <p>Electrocution / Electrical Shock Hazard - Outdoor High voltage or high current electricity may be present or required by the product. Do NOT use in rain, damp or wet conditions. Electrical shock can be fatal.</p>	 <p>Electrocution / Electrical Shock Hazard - Disconnect High voltage or high current electricity may be present or required by the product. Always disconnect the product from the electrical supply before handling the product, adjusting, maintenance etc.</p>	 <p>Power Line Electrocution Hazard High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</p>	 <p>"Kick-Back" Hazard High level of "kick-back" hazard that can cause the machine to suddenly rotate towards operator. Kick-back injury can be fatal.</p>
 <p>Winch Operator Position Hazard Do NOT stand between winch and load. Do NOT use winch to move people.</p>	 <p>Winch Lift Hazard Do NOT LIFT load vertically. Use machine to PULL only.</p>	 <p>Cable Hazard Ensure that load bearing cable is not kinked or knotted.</p>	 <p>Winch Cable Hazard Ensure that there is a minimum number of cable coils on winching mechanism.</p>
 <p>Winch Hook Hazard Carry hook to load – do NOT throw or run.</p>	 <p>Flash / Blinding Hazard Wear appropriate eye protection for welding. Direct exposure to weld arcs may cause permanent eye injury.</p>	 <p>Laser Hazard Laser may be in use – do NOT look directly at laser or allow others to.</p>	

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Parts Identification



No.	Name	No.	Name
1	Frame	11	Drum brake
2	Seat	12	Front wheel
3	Lithium battery (inside)	13	Front fender
4	Carry handle	14	Front light
5	Rear fender	15	Neck
6	Taillight	16	Rear disc brake
7	Motor	17	Brake lever
8	Rear wheel	18	Power display
9	Single gear	19	handlebar
10	Pedal		

Assembly and Set-Up

Before Riding

Your new bicycle was assembled and tuned in the factory and then partially disassembled for shipping. The following instructions will enable you to prepare your bicycle for years of enjoyable cycling. For more details on inspection, lubrication, maintenance and adjustment of any area please refer to the relevant sections in this manual. If you have questions about your ability to properly assemble this bicycle, please consult a qualified bicycle mechanic before riding.



TO AVOID INJURY, THIS PRODUCT MUST BE PROPERLY ASSEMBLED BEFORE USE. WE STRONGLY RECOMMEND THAT YOU COMPLETELY REVIEW AND PERFORM CHECKS SPECIFIED IN THIS USER MANUAL BEFORE RIDING.



Tools included:

- Hex wrenches
- Head screwdriver
- Open-end wrench



Assembly Instructions



Like any sport, bicycling involves risk of injury and damage. By choosing to ride a bicycle, 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 bicycle reduces the risk of injury. Like any sport, bicycling involves risk of injury and damage. By choosing to ride a bicycle, 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 bicycle reduces risk of injury.

Step 1: Unfold the main frame

1. Take the folded e-bike out from the carton and remove all the bubble wraps and plastic packaging.



2. Unfold the e-bike by closing the buckle in the middle of main frame.



NOTE: When folding the bike, hold this buckle and pull it up. When unfolding the bike, it's not needed.



Step 2: Unfold the neck

Straighten the neck and fix it by the buckle lock.



Step 3: Adjust the Handlebar

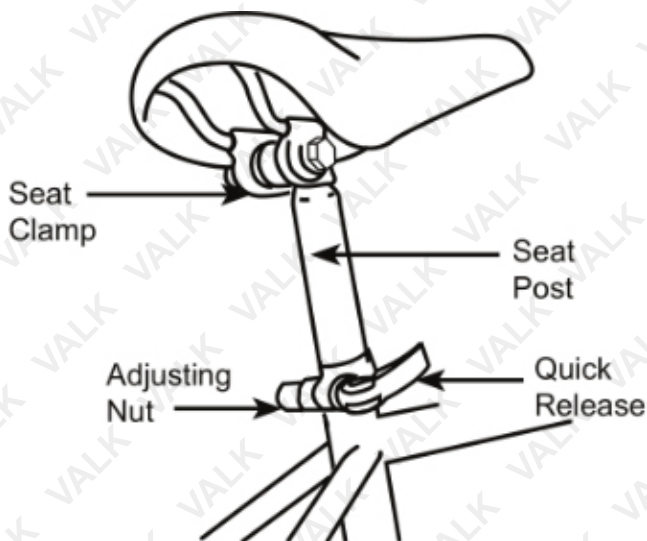
Maximum comfort is usually obtained when the handlebar height is equal to the height of the seat. You may wish to adjust the height to find the most comfortable position.

Loosen the stem wedge bolt, you can adjust the height of stem and handlebar until you find a comfortable position, then tighten the bolt.



Step 4: Adjust the seat and seat post

When you feel that the height of the seat is uncomfortable, too low or too high, push the quick release lever to the unlock position, move the seat and seat post to the position you want. Then push the quick release lever back to the lock position.



1. You should feel considerable resistance while moving the lever. If not, re-open and re-tighten the lever, then move it to the closed position so it is in line with the frame as pictured.
2. With the seat post inserted, tighten the binder bolt securely.
3. Position the top of the seat parallel with the ground. Push the front of the seat up and down to firmly mesh the serrations together. The serrations must mesh completely together to insure a stabilized riding position.
4. Securely tighten the nut on the seat clamp. If there is a nut on both sides of the clamp, tighten each one by alternating from one to the other.
5. Check for tightness by twisting the seat from side to side, and from front to back. If the seat moves at the seat clamp or quick release, reposition and re-tighten the appropriate clamping mechanism.



THE SEAT POST MUST BE INSERTED SO THAT THE MINIMUM INSERTION MARK CANNOT BE SEEN. THE QUICK RELEASE MECHANISM MUST BE TIGHTENED SECURELY TO PREVENT A SUDDEN SHIFT OF THE SEAT WHEN RIDING. FAILURE TO DO THIS MAY CAUSE LOSS OF BICYCLE CONTROL.

Step 5: Adjust the rear light

There is a power button at the rear light, and there are a total of 8 different status for the light; 1st press is to turn on the light, 8th press is to turn off the light. The light is removable, as shown below.



Removable

On/Off



Operation

Riding Options

Option 1: Regular pedalling – traditional way to ride a bicycle.

Option 2: Pedal assist is a mode that provides power only when you are pedalling.

The cadence sensor pedal assist systems provide assistance when the cranks of the bike are turning. The cadence sensor will provide the assist based purely on the level assist you have selected, and it will not increase or decrease the assist based on your actual pedal power.

You could be pedalling very lightly or very hard and it will provide the same level of assist. The pedal assist bikes have 2 different levels of assistance: 1st or 2nd assist.

- 1st pedal assist: You have a nice tailwind everywhere you go. 1st pedal assist can be a nice balance of your pedal power and the motor power.
- 2nd pedal assist: 2nd pedal assist is when you want to get somewhere quickly and with minimal effort.

Control Panel (Power Display)




























ON/OFF:

1. Use the key to turn right, then the display is activated. The display will provide power for the controller.
2. Use key to turn right again to open the front light.
3. With display on, use key to turn left, front light turn off, use key to turn left again, power off.
4. With the display off, there is no battery power consumption.

Battery Indicator

The battery charging status is indicated as follows:

LED						Battery is fully charged.
LED						Battery is 80% charged.
LED						Battery is 60% charged.
LED						Battery is 40% charged.
LED						Battery is almost empty and needs to be re-charged (remaining capacity or about 20%).

Pedal Assist

- If you don't want to use pedal assistance power, use key to turn off the power, then the pedal assist function of the bike is disengaged. When first riding your e-bike, you will notice that when the pedal assist function is activated, the motor will supply power when you turn the pedals forward.
- When not riding the bike, you can use key to turn off.



CAUTION! When you are in Pedal assist mode, do not pedal around corners, you will get a boost and your pedal will hit the ground and can cause injury or death! Do not use pedal assist on level and downhill grades if people are visible on the path or boardwalk. Do not use pedal assist if small children or pets are within 100 feet.

Brake

The brakes on an electric bike are the same as on a normal bike, with one exception: most have integrated cut-off switches which kill the motor when activated. These "inhibitor" switches are a safety feature designed to prevent the motor from accidentally engaging and causing injury. If for any reason you need the motor to stop turning, remember to simply squeeze one of the brake levers.



CAUTION! You should check the operation of your brake inhibitor switches before every ride. While riding slowly in a controlled environment (like a driveway), engage the motor, then squeeze each brake in turn. The motor should lose power immediately and remain off as long as a brake lever is depressed.

Charger Function

IMPORTANT! Please use only the original charger which was supplied with the e-bike.



This charger is specially made for Lithium battery. The LED light indicates the battery status as shown on the table below:

LED light	Mode
Green	The battery is not connected.
Red	The batter is charging.
Green	The battery is charged, remove the charger

Charging the Battery

PLEASE NOTE: When charging the battery for the first time, please charge for 12 hours to ensure that the battery is fully charged and conditioned.



1. Connect the charger to the battery as shown above.
2. Connect the power plug of the charger to an appropriate AC outlet socket. The red LED indicator will illuminate to show that the charger is operating correctly.
3. When the battery is fully charged the LED will turn from red to green.
4. The battery will take up to 4-5 hours to fully charge depending on much charge was left in the battery before you began charging the battery.

Bicycle Inspection

Before riding your bicycle, always do an inspection to make sure all parts are adjusted and working properly. The frame and components are designed to be used in a responsible manner on streets, trails, or grassy areas. Our bicycles are not designed for racing, mountain biking, jumping, stunt riding, riding with more than one rider, riding with heavy loads, or any extreme type of riding or nonstandard use and the warranty will not cover any of the above riding types.

You are responsible for checking your bike before each ride and on a regular basis to make sure that the frame and parts are not cracked, loose, or broken and are working in a proper fashion. Failure to inspect your bike could lead to damage to your bike or severe injury or even death. If you choose not to inspect your bike and breakage or failure occurs, you are responsible and not our Bicycles or the dealer you purchased your bike from. Be responsible and safe - check your bike before each ride.

If you see something you are uncertain about, take your bicycle to your local bicycle dealer.

General Inspection

- Check for loose parts by raising your bicycle about 3" off the ground and dropping it on the tires.
- Make sure ALL quick release mechanisms are locked and tight.
- Make sure wheels, fork, headset, and seat post are tight.
- Check frame/welds for cracks and bends. Immediately replace a damaged frame as this can cause a crash and lead to a severe injury. Take immediately to your local bicycle dealer.

Quick Release Levers (if equipped)

Quick release levers are used on both wheels, the seat post, and the back rest for some models. Quick release levers can be replaced with bolts if you are concerned about theft or having your setting changed. It is important that all quick release/bolts are tight.

- The quick release lever should never be tightened like a nut.
- To tighten, open the quick release lever, turn the adjusting nut clockwise and then close the quick release lever by pushing it in.
- If the lever can be easily pushed closed repeat above step until it takes a firm push to close it.

Wheels and Tyres

- Ensure that spin wheels are centred (tracking in a straight line) and do not wobble.
- Check for loose or missing spokes. See your local dealer if you have one.
- Check front and rear wheel quick release levers (if have) every time you ride. Pick up end of bike and strike top of wheel with a few sharp blows to check for looseness.
- Make sure tyres are properly inflated to pressure listed on sidewall. Tyres can lose up to 10 pounds of air per week. Never ride with under inflated tyres.
- Although bicycles are designed with 16" tyres for a smooth ride, if possible, avoid stairs, curbs, potholes, railroad tracks, and other hazards.

Brakes and Pads

- While rolling slowly, squeeze brake levers. Bike should stop quickly, and levers should not touch handlebars. Since brake cables stretch, it may be necessary to adjust cables periodically. See your local dealer for this.
- Make sure pads are aligned correctly on rims.
- Replace worn or hardened pads.




Chain

- Look for wear on chain or links that don't swivel easily.
- If chain comes off chain ring, have your local dealer adjust it.

It is important that you keep your bicycle clean - especially the moving parts (chain, derailleur, gears, etc.) since grit and dirt can damage these and shorten their useful life. If you are riding continually, it is best to wash your bike monthly.

Lithium Battery Care and Maintenance

Top 3 Battery Care Requirements

1. **Charge battery before first use.** The battery may arrive with some charge, regardless of this the battery must be charged for 12 hours on the initial charge and 4-5 hours for each subsequent charge. 
 2. **Charge battery immediately when it is depleted.** Do not store a depleted battery. This will permanently impact the life of the battery. If the battery is going to be stored for a period of time, fully charge the battery before storing. 
 3. **Disconnect battery when not in use.** To prolong the life of a battery, disconnect it from the unit when not in use. Disconnect chargers from the battery once charged. 
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To ensure the battery maintains optimum performance, follow the guidelines outlined below.

- For best results, charge batteries in temperatures between 10°C and 30°C
- When battery is charged, disconnect the charger from the power supply and remove the battery from the charger.
- If a battery is stored or otherwise unused for an extended period, and the battery has no charge remaining when you check it, consider it to be damaged. Do not attempt to recharge it or to use it. Replace it with a new battery.
- Use only with the battery charger specified by the manufacturer.
- Ensure that the battery charger electrical cord is not subjected to damage or stress. Do not operate the battery charger if it has a damaged electrical cord or plug.
- Do not use the charger in wet areas or expose it to rain or water.
- The typical estimated life of a Lithium-Ion battery is about two to three years or 300 to 500 charge cycles, whichever occurs first. One charge cycle is a period of use from fully charged, to fully discharged, and fully recharged again
- Explosion hazard – protect the battery against heat; for example, direct sunlight and fire. Do not store batteries in vehicles or locations subject to heat.
- Batteries can explode in the presence of an ignition source, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. Exploding batteries can propel debris and chemicals.
- Do not open the battery – danger of short-circuiting and/or explosion.
- Do not attempt to destroy or disassemble the battery pack or remove any of its components.
- Do not touch the battery terminals with metal objects and/or body parts as short-circuit and/or personal injury may result.
- Explosion hazard – do not open and/or short-circuit the battery.
- Poison hazard – battery leakage (liquid ejection). Under extreme conditions, liquid may be ejected from the battery – avoid contact. If contact accidentally occurs, immediately seek medical attention, and flush with water. If liquid contacts eyes, immediately seek medical attention, flush with clean water for at least 10 minutes. Liquid ejected from the battery may cause irritation or burns.
- Dispose of non-serviceable batteries in an environmentally responsible manner and according to local regulations.

Failure to adhere to the requirements above may result in the battery becoming inoperative or battery life being reduced. In extreme cases or abuse, battery overheating, or fire may result.

Maintenance

Cleaning the Frame

To remove dirt, lightly wipe with a soft, clean cloth (never use a pressure washer or hose or take to a car wash as water can penetrate the bearings).

NOTE: Do not store your bicycle in direct sunlight.

Cleaning Greasy Chains and Drive Train Components

1. Apply a degreaser and allow it to soak for 10 minutes.
2. Scrub greasy area with an old brush.
3. Lightly rinse with a hose.

Lubrication

Proper lubrication of moving parts means a longer life for the components of your bicycle. The chain, in particular, needs to be inspected frequently. Be sure to use lubricants especially designed for bicycles. Never over-lubricate and be sure to wipe off any excess as this will attract dirt.

- **Chain:** Lubricate using bicycle chain lube every week, more often during wet conditions. It is best to do this in the evening, so the lubricant has a chance to soak into the chain before riding again.
- **Hubs, bottom bracket bearings, cables, and pedals:** It is recommended that you lubricate these items every 6 months.

Specifications

Motor	250W 36V rear DC motor
Range	20-36km
Tyres	16"
Style	Commuter
Frame	Folding
Handlebar	Alloy
Frame	Steel
Battery	Lithium 36V 6Ah
Chain	Stainless steel
Front Brake	Drum
Rear Brakes	Disc
Power Plug	Australian Standard



Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see www.datastreamserver.com/safety

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

