

Bike Care

Feel the pressure

Keep your tyre pressure up. This will make a big difference in how much energy (electric and human) is required to move you and your Electric Bike around. Low tyre pressure can make your Electric Bike feel sluggish. Check your tyre sidewall for your bike's correct tyre pressure.

Clean and proper

It's important to clean your bike correctly. Make sure the Electric Bike and battery is turned off. Clean the drive train first, this will help stop dirt and oil from spreading to the rest of the Electric Bike during cleaning. Disc brakes can fade briefly when soaked with soapy water, so always finish cleaning with a disc brake cleaner on the rotors. Don't jet wash an Electric Bike, we recommend a gentle hand wash.

Lubricate your chain

This will improve your pedalling efficiency and, if you have a motor that powers through the cranks of your bike, it will improve your motor's efficiency too. After you lubricate your chain let it sit for a few minutes before you wipe off the excess oil with a rag. We recommend using Muc-off wet lube if you're going to be cycling in wet conditions or a dry lube if you're cycling in Summer. Make sure you re-apply any grease to your bearings and bottom bracket regularly, especially in the wet or if you wash your bike regularly.

Don't Forget

- Electric Bike motors are only legally allowed to provide assistance up to the speed of 25km/h (15.5mph); at speeds above this it's all down to the energy that you put in.
- Electric Bikes are pedal assist, the more effort you put in, the more you get out.
- Keep your keys safe.

Top tip:

Your key number can be found on your PDI form.

Our Electric Bikes use advanced locking mechanisms. Please keep your keys safe as without these the battery cannot be removed. Losing keys can be costly, therefore, we recommend recording your key number below.

Record your Key number here

Leave the *maintenance* and *repair* of your bike to our technicians, check out our *Electric CycleCare*.

Regular services: bearings and other components wear over time these can reduce the range of your Electric Bike, causing more resistance and draining battery life. We recommend that you service your bike at regular intervals to ensure everything runs smoothly. We recommend an interim service every 6 months and a major service every year. For our servicing options, please visit www.halfords.com or speak to an in store colleague.

Live chat: halfords.com Call: (+44) 0345 504 53 53
Halfords Customer Services Department, Halfords Group plc,
Washford West, Redditch, Worcestershire, B98 0DE



Electric Bikes

ready for more **OOMPH**

HALFORDS GUIDE TO OWNING AN ELECTRIC BIKE

READY FOR MORE OOMPH

halfords
for life's journeys

HAL2389/49350

Day-to-Day Use

How fast can I go on an Electric Bike

As fast as you like - depending on your strength and stamina! Electric Bike motors are only legally allowed to provide assistance up to the speed of 25km/h (15.5mph); at speeds above this it's all down to the energy that you put in.

Get your balance

Find your perfect balance between pedal power and battery power. It sounds obvious, but the more you pedal the less electricity you use. To get the maximum range make sure you are using the correct assistance level and putting in as much effort as you can.

Pedal harder at the right time

A lot of energy is consumed when you accelerate from a stop. If you pedal hard to get your bike off the line, this will help conserve your battery energy. Electric Bikes make it easier, but don't forget - you still have gears! Not changing gears means you'll wear out your mechanical drivetrain much quicker.

Take it easy to take it further

If you need to extend your range, riding a little slower will reduce the wind drag. Wind resistance can really drain you and your battery's energy.

For those extra drops of juice

Remember that if you are trying to make your battery last, you can reduce the assist setting.

Traveling beyond the normal range? Long commute?

Ask a colleague about a second battery and battery charger to keep at work.

Battery Care

All of our batteries come with a 2 year/500 charge warranty. In order to ensure you get the very best from your battery, please see below.

Charging ahead

Lithium-ion batteries have no memory effect, so it's fine to top up your battery after every ride.

Don't get hot and bothered

In very warm weather, and/or after a lot of hill climbing, things might get a little hot and the battery may briefly shut down for safety. If this happens, it will usually recover after restarting. If not, you may need to temporarily remove it from its carrier to let it cool (so always take a battery key with you on any ride). Overheating can also occur if your bike is left in top speed all the time. Climb or Low modes will increase the torque of the motor, this should always be used when going up hill to prolong the life of the Electric Bike and reduce any risk of overheating/cutting out.

Out in the cold

In particularly cold weather the battery may not fully recharge and range can be reduced. Therefore, in Winter always take the battery off the Electric Bike and take it indoors for charging. This means that the battery will be at room temperature when you next put it back on the Electric Bike, which allows the chemical reactions inside the battery to operate faster, giving you better range.



Storage

Lighten the load

If you need to lift or load your Electric Bike, it's a good idea to remove the battery beforehand. The weight reduction makes it noticeably easier to lift.

Power through

Batteries must regularly be charged. Batteries that are not maintained over long periods of time risk going into safe-mode, this design is to protect both yourself and the componentry. This can result in either a chargeable diagnostic reset or a replacement battery. If you don't ride your Electric Bike much in the Winter, store your battery fully charged and charge it every couple of months. Try not to leave it plugged in for more than a day.

Not too hot, not too cold

If you can, store your battery at room temperature by bringing it indoors. Batteries don't like really cold or hot temperatures. Temperatures below -10°C and above 60°C should be avoided.

Important safety note:

Never attempt to dismantle an Electric Bike battery. Batteries can contain harmful substances and even electric shocks, so always leave any battery repairs to the professionals. When you reconnect your Electric Bike battery, take care to make sure it is fastened securely in place and locked. Loose connection points can damage the battery, plus you'll probably notice that your Electric Bike isn't performing as it should.