

A Guide to **Caring for Your eBike**

Your eBike is a precious thing! Here's our eBike care guide, you may also find our more generic guide to cleaning your bicycle useful too.

As with all bikes, it's essential that you keep on top of cleaning not only to ensure everything runs smooth, but to increase the life of the moving components. Whenever your bike is dirty, wash it down with bike wash by hand - do not pressure wash any of it - and after drying the excess water, use a water displacing product like GT85 to flush out residual water & prevent rusting. Keep this away from your brakes though, as it'll contaminate the pads & discs. Lubricate the chain after washing is complete, taking care to wipe off the excess to avoid cloggy build up.

Make sure any cooling vents/drain holes under the motor are free of dirt. Cleaning ideally should be done after every ride in winter, as the bike is likely to be dirty or contaminated with salt.

Storing E-bikes over Winter

Before storing an eBike for a period of time, it's advisable to get it serviced but at the very least it should be cleaned, with the chain lubricated. The battery and display (if possible) should be removed and stored in a dry place at room temperature.

A temperature between 5 and 20 degrees and a battery charge of 30-60% is recommended. If the battery is at less than 30% charge and gets less than 5 degrees then you run a high risk of the battery going to sleep permanently. This would mean a new battery is needed, which nobody wants. Keep the battery at room temperature and the lifetime of your battery will be preserved.

Arragons Cycles is proud to be a leading maintenance centre in the North of England. We are a Shimano Service Centre, Bosch eBike Service Centre, Fazua Service Centre and have a vast amount of experience in service and maintenance on all the leading electric bike brands.



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Different Wheel Fixing Systems

Because electric bikes are heavier, they often come with stronger wheel fixing systems, such as **Bolt Thru, E-Thru, Maxle or Q-LOC**. These are covered below on how to use them.

Bolt Thru is a thicker, stiffer version of a traditional quick release mechanism, however it threads directly into the frame or fork giving it strength and guiding the wheel into the same place every time. Bolt Thru axles either have a solid lever or require an allen key to tighten or remove by rotating the axle clockwise until hand tight or anti-clockwise until removed.

E-Thru is very similar to a standard Bolt Thru axle, yet has a compressing lever like a quick release mechanism. E-thru has all the same benefits of a bolt thru axle, but requires no tools as the compressing lever is permanently attached to the axle. To tighten these, rotate it clockwise with the lever open, just before it gets tight close the lever, applying a gentle force to the lever. Too much force can damage the lever or the bike.

Maxle axles are designed by Rockshox. This is another "no tool" variant of a bolt thru axle. The benefit of the Maxle is that the lever can be placed in any orientation depending on where is best for your bike. To remove your Maxle, open the lever and place the lever into the notch on the flange. Then rotate the lever anti-clockwise until the lever will easily slide out of the wheel. To replace the Maxle, slide it back through the wheel and dropouts until it meets the threads. ensuring the lever is in the notch, rotate it clockwise until it stops. Disengage the lever from the notch and tighten in the desired final position, confirming it does not contact the fork or frame. the lever tension is sufficient if the lever leaves an imprint on your palm.



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Q-LOC is a patented quick release axle system from SR Suntour. This allows for a simple push and a small twist of the nut enabling a quick removal of the axle. To remove the axle, open the lever, then push and twist the nut on the opposite end into its closed position. The axle will then be easy to remove. To replace the Q-LOC, making sure the nut is in the closed position, slide the axle through the dropouts and the wheel. Then push and turn the nut into the open position and close the lever. It should leave a small imprint on your palm. If it is too loose, adjust the nut 1 half turn at a time trying the lever between adjustments.



***If you have any queries, please get in touch via
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