

E-Bullitt tech specs

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| Frame | T6 heat-treated, 7005 aluminium designed for Shimano STePS motor. |
| Fork | Chromoly steel with tapered steerer tube. |
| Kickstand | Aluminium with replaceable feet. |
| Headset | 1 1/4" FSA Orbit XII, 1 1/2" tapered 1 1/4". |
| Steerer arm | Chromoly steel with machined fittings and rubber covered balljoint. |
| Dropouts | Aluminium, machined and replaceable. |
| Shimano STePS system | |
| Motor | Bottom bracket mounted for low centre of gravity and light; 3.2kg. |
| Battery | High capacity, 418Wh (36V, 11,6Ah) and low charging time of 4 hours. |
| Crankset | Integrates perfectly with motor. 44 tooth chaining. |
| Computer | Multifunctional, information on motor modes and battery use. |
| Shifter | Electronic and automatic gear selection with integrated light switch. |
| Front wheel | Novatec hub, sealed bearings, 10mm axle, laced to Alex DM24 rim. |
| Rear wheel | Shimano Alfine 8-speed Di2 hub laced to Alex DM24 rim. |
| Tyres | Schwalbe Marathon eBike optimised 20"x 1.75 and 26"x1.75. |
| Tubes | Schwalbe 20" and 26". |
| Fenders | Plastic, black. |
| Brakes | Magura MT5 4-pot disc brakes, 180mm Magura discs front/rear. |
| Handlebar | 31.6 mm alloy riser bar, black. |
| Stem | 50mm 5 degree 31.6mm, black. |
| Stemlifter | EasyUp 100mm of adjustment, black. |
| Grips | Velo Ergo lock-on. |
| Bell | Brass Japanese Wind Bell, black. |
| Seat | Original Bullitt Racing Seat from Velo, black. |
| Seatpost | 31.6 mm alloy, 350 mm, black. |
| Seat clamp | Quick release. |
| Front and rear lights | Lumotech front / Secula Rear powered from main Shimano battery. |
| Chain | KMC rust-free. |
| Lock | ABUS Amparo, ABUS Key Alike© integration with STePS battery. |

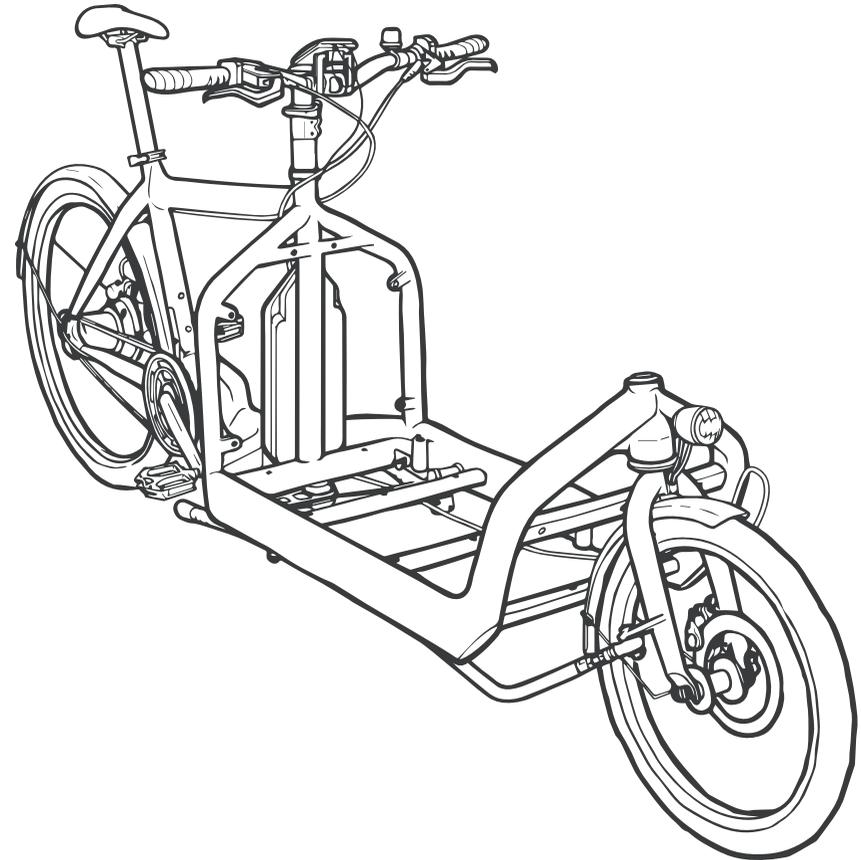
Contact information



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www.larryvsharry.com

e BULLITT®



SHIMANO STePS

Welcome to Larry vs Harry

Larry vs Harry is a company, dedicated to bringing you the finest and most most versatile bicycles. The Larry vs Harry Bullitt is sold throughout the world. Just about anywhere you go, you'll find Bullitts. These graceful beasts can be seen transporting goods and people, they can be seen riding leisurely or going fast-faster-fastest.... They are a bicycle for everyone and anyone.

We are a small company with the support of dozens of dedicated and enthusiastic dealers, that will make your ride safe and fun. Authorized Bullitt dealers are the only place where you can buy the Bullitt product of your choice or direct from us here in Denmark. We are dedicated to the independent bicycle dealers in your area because they are the most professional and best-qualified source to assure your bike's mechanical integrity, guarantee proper fit, give you proper advice on where and when to ride, consult with you about safety, properly assemble and install accessories, and to communicate anything and everything else you need to know about the glorious pursuit of cycling!

Our employees and dealers are justifiably proud of our international reputation as an innovative and quality driven company, where service and the enjoyment of the rider is the highest priority. We have spent unfathomable amounts of time developing the Bullitt, learning our craft and winning multiple awards for excellence along the way. Our models are designed for the broadest user base, using components and parts that deliver performance, durability and value and we focus on products that work well with the Bullitt.

The Bullitt is a bicycle designed for all to use, professionals and families alike, in all weathers and all environments. Our contributions to cycling encompass many facets of the lifestyle, from transportation to recreation to competition. At Larry vs Harry, we believe that the Bullitt is more than just a machine. We believe that it is an integral component of society, a trusted companion, and a way to explore the world.

Thank you for buying a Bullitt, now go out and enjoy riding it!

Larry vs Harry

Attention

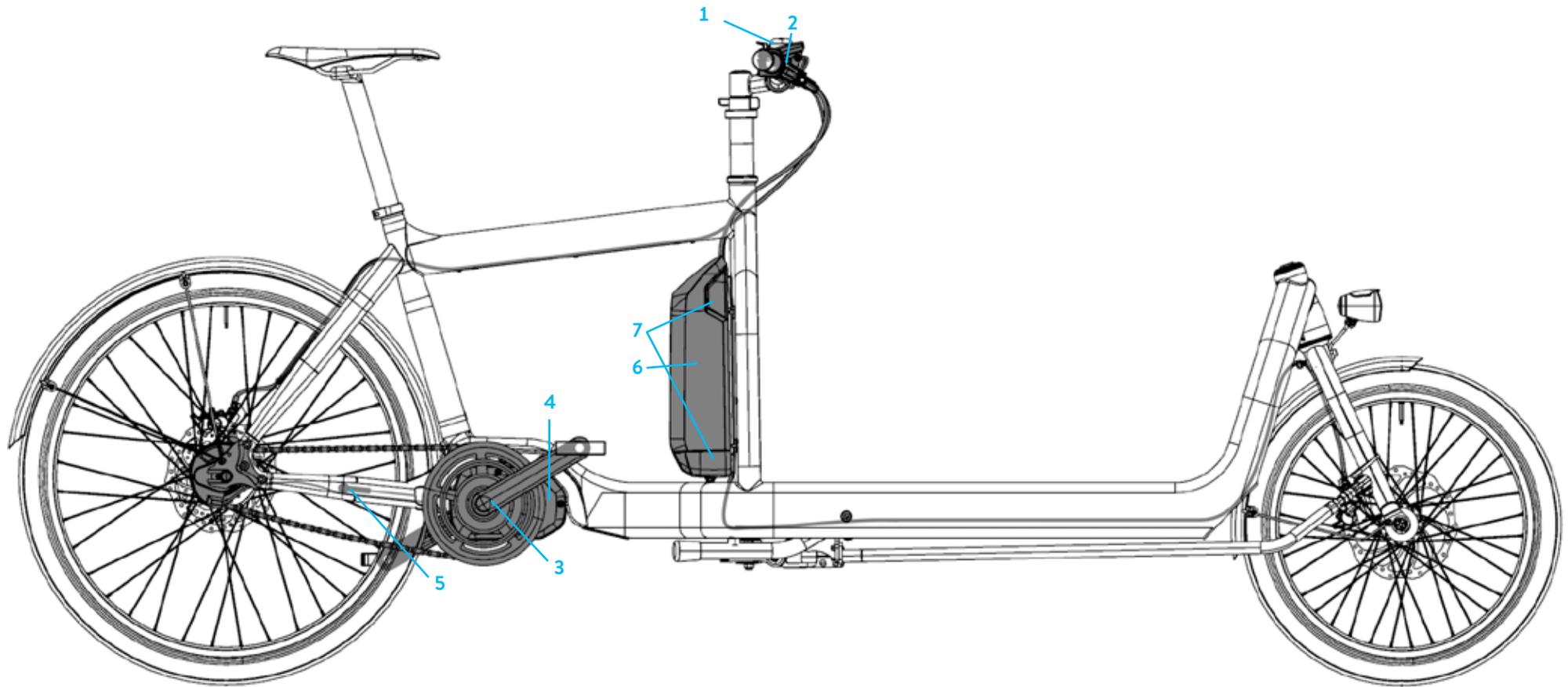
Check the tyres are properly pumped, you can find the maximum pressure on the tyre sidewall, but we recommend 80psi/5.5bar in the rear and 60psi/4bar in the front tyre. Always check local traffic laws to ensure your eBullitt is compliant with local traffic laws and has the correctly located reflectors and bell.

When riding in dimly lit areas or at night, make sure your lights are functioning properly. The Shimano Steps System has rather ingeniously incorporated the lights into the main battery, so you never need worry about replacing batteries again. Familiarise yourself however, with the handlebar functions to correctly switch the lights on and off.

Expected longevity of your eBullitt: With care and due attention you will be riding your eBullitt for many, many years. We have tested the frames under duress and have spent years developing the Bullitt platform and are confident that it will hold up to sustained use, regardless of it's function. This said, parts are subject to wear and tear; tyres chains and brake pads need changing on average once a year and the bikes can be easily serviced by your local dealer or local bike shop. Only the chain should be lubricated with oil, never put oils/lubricants on the disc brakes, it will contaminate the pads and necessitate in replacements. Wheels should be checked sporadically for loose spokes or the wheel is at risk of buckling. Refer to the Shimano Steps User Manual for specifics on the motor/drivetrain/battery. Please refer to our Terms and Conditions (http://shop.larryvsharry.com/terms_and_conditions) to see specifics on the frame and parts warranty.

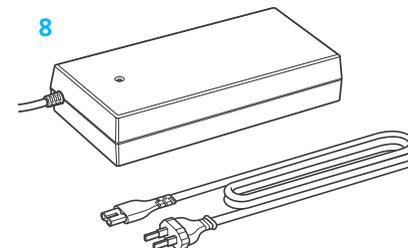
Additionally, common sense tells us nothing lasts forever and it goes with saying that bicycles suffer from metal fatigue. This applies to aluminium bike frames too and in adverse weather, this will exacerbate and speed up wear and tear. Salt on roads, wet weather and the stress and strain will all take their toll on your eBullitt, but frequent washing, care and maintenance will ensure a prolonged lifespan.

If your bicycle sustains an impact: First, check yourself for injuries, and take care of them as best you can. Seek medical help if necessary. Next, check your bike for damage. After any crash, take your bike to your dealer for a thorough check. Components, including frame and fork, wheels, handlebars, stems, cranksets, brakes, etc. which have sustained an impact must not be ridden until they have been disassembled and thoroughly inspected by a qualified mechanic. **WARNING:** A crash or other impact can put extraordinary stress on bicycle components, causing them to fatigue prematurely. Components suffering from stress fatigue can fail suddenly and catastrophically, causing loss of control, serious injury or death.



- 1 Steps Computer Display
- 2 Mode/Gear Selection Buttons
- 3 Crankset
- 4 Motor Unit

- 5 Speed Sensor
- 6 Battery
- 7 Battery Mount
- 8 Battery Charger





Quick start guide

Ensure the battery is fully engaged in the battery mount and hold down the power button to initialise the display on the handlebar.

Now, let's take a look at the controls; the left hand buttons control the display and assistance modes, high, norm and eco, along with walk assist. The more assistance the motor gives, the easier pedalling becomes though obviously affects the longevity of the battery. Hold the top-left button down for 3 seconds to power up the lights and use the triangular marked buttons below to select mode. Moving over to the right-hand controls. The triangular marked buttons determine gear shifts and the top right button selects automatic shift functions. Holding down the up/down buttons changes the gears through the Alfine range consecutively.

The computer displays both speed and time, battery levels and chosen assistance mode. The selected gear is shown in the bar running along the bottom of the display and in automatic mode you can select preferred downshifts so that at traffic lights the eBullitt changes gear to a lower and easier to pedal gear upon stopping. Clever huh!

Familiarise yourself with the feeling of the Magura hydraulic brakes, they are powerful and the modulation may get a bit of getting used to. Also, just to avoid confusion that there is no key in the lock, the same key functions for both the Shimano Steps battery and the Abus lock.

Introduction

Thankyou for buying the new Larry vs Harry eBullitt, based on the superb Shimano Steps system. This bike marks a new generation and evolution in ebike technology which we are truly proud to bring onto the market, integrating all the electronic elements, including motor assistance, gear shifting and lights into one cohesive unit.

We recommend that you read the Shimano Steps manual in it's entirety, to fully understand all the features and attributes of the system. However, if you are in a hurry to start using your eBullitt, here is a little run-down to get you rolling...

Assembly guide

Assembly time should be around 20 minutes and involves mounting the fork and front wheel, rear mudguard and rear wheel and attaching the handlebar and stem.

To mount the fork: Place the larger of the two headset bearings over the fork steerer and insert the fork into the headtube. Next, set the remaining cartridge bearing onto the protruding fork steerer and insert the retainer clip/preload spacer. Finally, screw the compression cap into the fork and tighten by hand until fully inserted. Then tighten with a 5mm allen key until no further movement is sensed.

Mounting the rear mudguard and rear wheel: Required tools include 3/4mm allen keys, 10mm/15mm spanners/wrenches. First, mount the mudguard at the top metal bracket using the long M4mm and 10mm spanner, secondly attach the metal support struts using a 3mm allen key and screw them into the threaded holes found on the frame dropouts. When mounting the wheel, set the chain on the Alfine sprocket and place the wheel axle into the dropouts, hand tightening the nuts to prevent the wheel falling out. Then, pulling the wheel back towards you to ensure proper chain tension, tighten the wheel nuts to 16Nm (or as tight as you can, basically.)

Attaching the cockpit: The stem and handlebar need to be mounted onto the steerer rod using a 4mm allen key. Roughly align the front wheel so it is facing directly forward and slide the stem onto the steerer rod. Then, screw in the headset top cap using a 5mm allen key. Finally, tighten the two rear facing bolts on the stem to 5Nm ensure the front wheel is properly aligned and there is no lateral movement in the headsets.

When setting up your bike for your personal riding style, it is important to bear in mind safety and the ability to maintain full control of the bike under all circumstances. You may be an extremely experienced cyclist, but the eBullitt is a very large bike and getting to grips with the extended front wheel takes some practise, so air on the side of caution when initially adjusting seatpost and stem height. You can always raise the saddle to get full leg extension later and when the time comes. Double check the minimum insertion markings on the seatpost and keep the saddle level for more efficient riding.

Be sure to take your first ride in an environment free from traffic and where you can get accustomed to the steering, controls and general nuances of the bike. Do not ride on the pedestrian pavement, it is not cool, gives cyclists a bad name and can generally get yourself in a jam. Double check local regulations on carrying children and always ensure they are strapped in.

Important: Ensure quick release clamps (if the RQ lever does not make an imprint in your palm, it's too loose!) on both the seatpost and the Easyup stem-lifter are properly tightened and that both wheels are secure. Test the brakes at low speed and your ability to reach the brake levers. Always wear a helmet (no discussion!).