



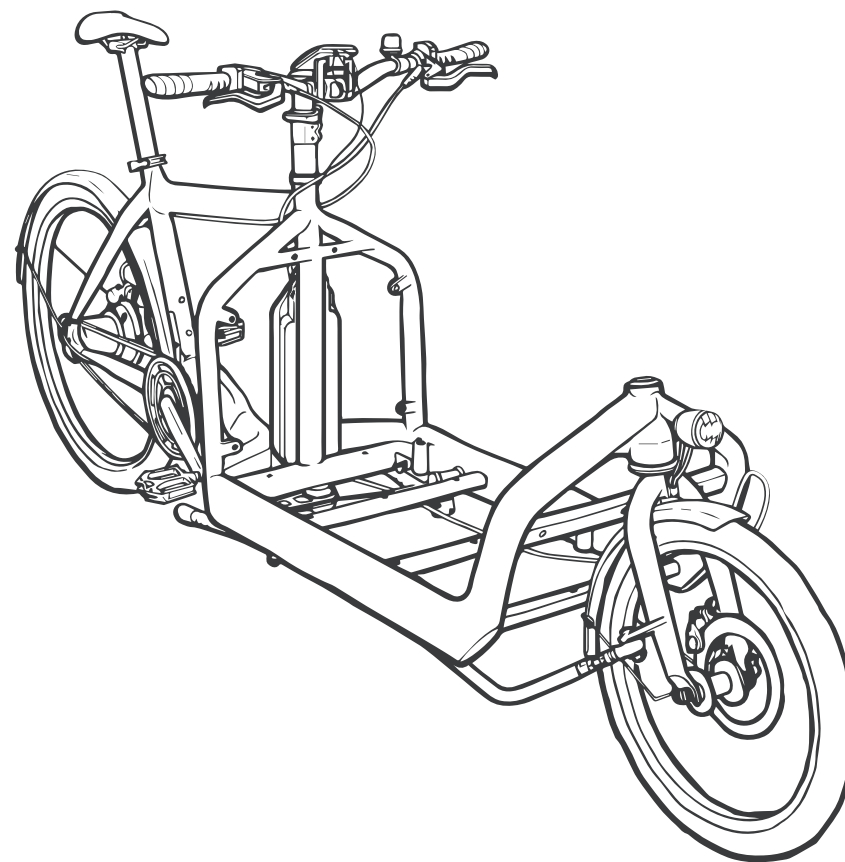
eBullitt EP8 Tech Specs

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 ¼" FSA Orbit XII , 1 ½" tapered 1 ¼"
Steerer arm	Chromoly steel with machined fittings and rubber covered balljoint
Dropouts	Aluminium, machined and replaceable, 135x9mm Quick-Release

Shimano STePS System

Motor	EP8 mid crank based for low centre of gravity and light; 2.88kg + DU-EP800 2.6kg
Battery	High capacity 504Wh or 630Wh battery with low 4hr charge time + BT-E8016 504Wh
Crankset	XT Crankset integrates perfectly with motor - 42 tooth chaining
Computer	Multifunctional information on motor modes and battery use + SC-EM800 1.6 lcd colour screen
Shifter	Di2 electronic and automatic gear shifting with integrated light switch SW-EM800L
Front wheel	Novatec hub, sealed bearings, 10mm axle, laced to Alexrims Supra 36h rim
Rear wheel	Novatec 11 speed hub laced to Alexrims Supra 36h. XT 11-42 cassette. Nexus 5 Di2 and Alfine 11 Di2 optional from 2021
Tyres	Schwalbe Marathon eBike optimized 20"x 1.75 and 26"x1.75
Tubes	Schwalbe 20" and 26"
Fenders	Plastic, black
Brakes	TRP Quadrium E-MTB 4 piston, 180mm rotors
Handlebar	750mm wide, 10mm rise, 31.8mm clamp, Riser bar
Stem	50mm 5 degree 31.8mm, black
Stemlifter	Easy-Up 100mm of adjustment, black
Grips	Velo Ergo lock-on
Bell	Brass Japanese Wind Bell, black
Seat	Original Bullitt Racing Seat, black
Seatpost	31.6 mm alloy 400 mm, black
Seat clamp	Quick-Release
Front and rear lights	Lumotech front / Secuzed rear, powered from main Shimano battery
Chain	Chain or Gates Carbondrive CDX belt

eBULLITT®
EP8



BULLITT®
by
Larry vs Harry

www.larryvsharry.com

SHIMANO
STOPS

Welcome to Larry vs Harry

Larry vs Harry is a company dedicated to bringing you the finest and most versatile cargo 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-fast-er-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 directly 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!

Introduction

Thank you for buying the Larry vs Harry eBullitt, based on the superb Shimano STePS EP8 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.

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

We recommend that you read the Shimano STePS manual in its 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...

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 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 its 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 online, to see specifics on the frame and parts warranty.

Additionally, common sense tells us nothing lasts forever and it goes without 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.

SHIMANO STePS EP8

Shimano designed motor

- 85Nm high torque output
- Highly efficient for a long riding range

One-way clutch

- Smooth immediate engagement
- Drag-reduced for a natural riding feel

Hollowtech shaft

- Trims weight and boosts stiffness

3-stage gearing system (6 gears)

- Optimizes high RPM motor performance
- Highly efficient reduction gears
- Smart packaging for compact design

2-piece high-precision torque sensor

- High accuracy torque measuring allows for responsive characteristics delivering the most natural power output
- Refined trail mode to boost rider comfort, control and confidence
- Customize your ride with the E-tube project app

Lightweight

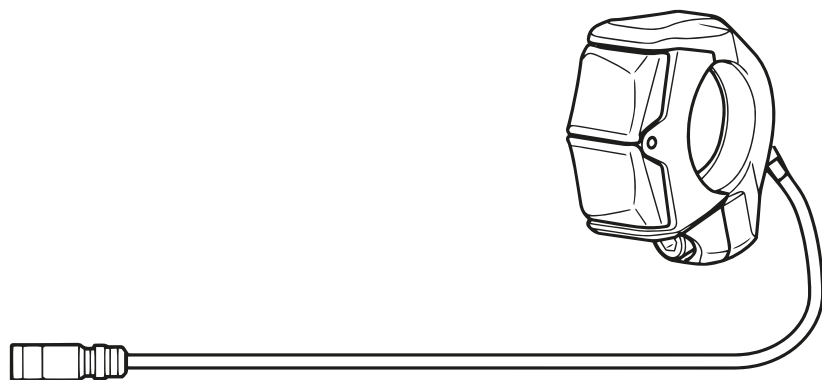
- 2,6kg total weight
- Compact magnesium body allows optimized frame design in both weight and handling



EP8 STePS parts overview

STePS Computer Display	SC-EM800
Mode/Gear Selection Buttons	SW-EM800L
Crankset	FC-M8150
Motor Unit	DU-EP800
Speed sensor	EW-SS300
Battery	BT-E8016
Battery mount	BM-E8016
Battery charger	EC-E8004

Shimano STePS control



Shifters SW-EM800L

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; eco, trail and boost mode, along with walk assist. The more assistance the motor gives, the easier pedalling becomes though obviously affects the longevity of the battery.

Moving over to the right-hand controls:

The buttons determine gear shifting. Finally the display mounted on the center of the handlebars controls the bikes menu option on the left, the power on/off in the center, and the light on/off on the right side. Use the shifters to navigate through the menu to find

more settings and options. Holding down the up/down buttons changes the gears 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 TRP Quadrium E-MTB hydraulic brakes, they are powerful and the modulation may get a bit of getting used to.

Assembly guide

Assembly time should be around 1 hour 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: 4/5/6mm allen keys and 10mm spanner.

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 rear wheel, first mount the rear XT derailleur, greasing threads first and tightening using a 5mm allen key. Place the wheel carefully in the dropout, taking care that the disc rotor does not chip pieces of the brake pad and is aligned. Tighten quick release axle. Mount chain, ensuring orientation is correct with chain logos facing outwards and close off with the Quick Link.

Attaching the cockpit:

The stem and handlebar need to be mounted onto the steerer rod using allen keys.

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 headset.

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 Q lever does not make an imprint in your palm, it's too loose!) on both the seatpost and the Easy-Up stemlifter 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!).