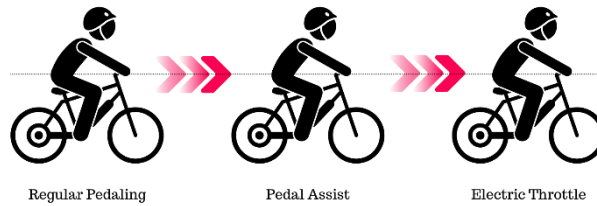


700C eSTALLION

ELECTRIC BICYCLE MAINTENANCE GUIDE

You can ride an eStallion the same way as a normal bicycle. After turning on the display controller and the battery, you just have to ride off and pedal. Paddle assist option on the Motor will activate itself after the cranks start turning and works according to set assistance mode. The motor turns itself off automatically if the rider brakes. The crank movement is read by a special sensor placed in the bottom bracket. Then as required, the rider can hold the accelerator and continue onwards using the throttle mode (User does not need to paddle in throttle mode, unless they need to restart the motor after braking). If the battery runs out or if the electric motor is turned off, you can still continue to your goal using your own strength without any resistance. Electric motor can be set in motion also via the controller display by long pressing the "Mode" button, but only up to maximum allowed speed of 6 km/h. This function is usually called walking assistant and it is useful for any manipulation with e-bike.

From the point of the Road Traffic Laws, eStallion is considered a normal bike. You don't need to have a driver's license for a bicycle like this, you can freely ride on cycling trails and cycling helmet is not mandatory. We still strongly recommend the use of cycling helmets to all e-bike users without distinction.



700C eSTALLION BICYCLE



36V/7.8Ah Fully Integrated Battery
Automatic motor Power Off connected to Disc-Brakes for safety
Recommended Rider Height: 5'2" – 6'3"
Max Payload: 120 kg
Frame Size: 17.7" (Medium frame)
Bicycle Weight: 24.5 kg

Electric Specification

Motor Type:	36v 250w Rear Geared Hub Motor
Battery Voltage / Amp Hours / Watt Hours:	36v / 7.8ah / 280wh
Battery Chemistry:	Lithium-Ion
Estimated Charge Time:	4-5 hours / around 0.5 CEB units per charge
Estimated Range:	30-35 Km (Depending on Riding Style, Terrain, Rider Weight And Pedal Assist Level.)
Display Type:	LED
Drive Modes:	Cadence Sensing Pedal Assist, Trigger Throttle, Walk Mode
Top Speed:	32kmh With Pedal Assist, 20-27kmh Throttle Only (Depending on Riding Style, Terrain, Rider Weight and Pedal Assist Level.)

Mechanical Specification

Frame Material:	Aluminium 6061
Fork Details:	Suspension fork
Gearing Details:	Shimano Tourney 7 Speed
Shifter Details:	Shimano 7 Speed
Freewheel :	14-28T
Brake Details:	Mechanical disc-brake
Wheel Size:	700C (28")

Note:

- Long-term riding with low motor speed (low paddling) and set to high mode of assistance can lead to overheating and, in case of excessive load, even to damage of the motor. We strongly recommend to reduce the mode of assistance.
- E-Bike's function can be influence by external electromagnetic forces (i.e. radars, etc.).

BATTERY CARE

Lithium batteries do not have a memory effect, so you can charge them whenever, ideally after every e-bike use. Considering the automatic discharging that leads to slow loss of capacity, we recommend, in case of long-term storage, to regularly check this and in case of decrease in capacity recharge it to recommended level of 60-80 % of its total capacity.

Battery can be charged either directly on the bike or you can take it out and recharge separately. Always turn the battery on before the recharge and **always follow the guidelines included with the charger**. Always charge it in a dry environment. Charging connector isn't protected against splashing water. Recharge the battery ideally in room temperature. Recharging in temperatures lower than 0°C or higher than 40°C can lead to serious damage to battery.

Note: If you feel that the total capacity of your battery has significantly decreased, it could be because of unsuitable climatic conditions.

Always use just the charger you received with your bike! Use of a different charger could damage the battery or different parts of the electric system, which would lead to warranty becoming void. If the state of charge indicator on the battery shows red and the warning light is on, there's still minimal voltage in it to prevent damage. Such voltage is insufficient for e-bike operation, therefore charge the battery as soon as possible. Never leave the battery flat for a long time. It could lead to permanent damage.

Store the battery at a dry and well-ventilated place, out of reach of direct sunlight and other heat sources at temperatures from -10 to 40°C (optimally 15-20°C). If the battery is stored in cold environment, it is necessary to warm it to optimal operation temperature (at least 20°C) before re-activation. Never leave the battery completely flat. That could lead to permanent damage. In case of battery going completely flat, recharge it to half of the capacity and let it cool down. When the battery cools down, recharge it to full capacity. During long-term storage keep the battery charged to ca. 60-80 % of its capacity. Do not store it permanently connected to charger nor placed on the bike. Lithium batteries slowly discharge (about 5-10 % per month) when inactive. Therefore, you should regularly check the battery and in case of decrease of its capacity recharge it to recommended level of 60-80 %.

Note: Li-ion batteries are fully recyclable. After the end of the lifespan of the battery you can hand it over at any collection point or to Stallion Riders company.

THINGS THAT COULD INFLUENCE THE RANGE OF AN E-BIKE

E-bike's driving distance is influenced by many factors and because of that it is difficult to determine how many kilometres one bike rides on one charge. Among the key factors are:

- Trail profile (flat terrain vs. Long steep climbs)
- Weather – temperature, headwind (ideal temperature is around 20°C, windless)
- Weight of the rider and load (greater weight = greater consumption)
- Technical condition of the bike (well-greased and adjusted bike resists less)
- Tire pressure (underinflated tires = greater consumption)
- Riding style (the more strength you expend, the less the motor consumes)
- Chosen assistance mode (higher mode = greater consumption)
- Current battery capacity (greater capacity = greater range)

USAGE INSTRUCTIONS

Step 01: ADJUSTMENTS ACCORDING TO YOUR HEIGHT AND PREFERENCE

Adjust the handle bar and the seat according to your preference. The handle bar is made with comfort in mind. It can be adjusted like below.



Angle-Adjustable

The seat can also be adjusted to suit the rider's height using the QR clamp



Seat Clamp QR

Step 02: BASIC AND STANDARD BICYCLE CHECKS

Always check tyre air pressure and brake functionality before riding. Check that Bolts, Screws, and Nuts are properly tightened.

Note:

- It is normal for the brake pads to wear out with regular use. The brake cables can be adjusted using the adjuster on the brake lever and on the brake callipers until a replacement is needed. Disc brake pads start out with about 3-4mm of compound [on the pad]. They need to be replaced when there's about 1mm left.
- Depending on the use (for example, if more than 25 kg has been loaded onto the rear luggage carrier), rear wheel spokes could get loosened over time. If you hear a noise from the rear wheel, immediately check the spokes and get it re-tightened by any bicycle mechanic or a service station.

- When wet, a sound may come from the brake pads, this is normal and will go away once dry.
- If you are not familiar with bicycle gears. DO NOT adjust the knobs (rotatable gear adjusters, one next to the rear derailleur and the other one near the shifters) on the gear cable. These knobs are there to adjust the gears when needed and turning them when gears are working fine will disrupt the original settings and misalign the gears.

Step 03: TURNING ON AND OFF

1. Turn on the power on the battery. Activate the battery by pushing the power button on its body for 4 seconds. The LED lights will turn on and indicate the battery capacity.

2. Turn on the display panel of the e-bike. Press the on/off button on the display.

To turn off press the power button on the display and then turn off the frame battery by holding the button on the battery for 4 seconds.

Note: eStallion bicycles are delivered with a fully charged battery. Therefore, you can start riding the bicycle straight away.

MAINTENANCE

Electrical components of eStallion does not require servicing. Normal bicycle parts should be serviced regularly just like a normal bicycle. (A general service is recommended every 3 months or around 1000 km). kinds of conditions you're riding in. Heavy use, rough terrains, rain, mud and dust all mean more frequent servicing.

Bicycle care tips:

Keep your bike inside as much as possible; avoid storing it outside. Rain, moisture, and dirt cause your parts to wear quicker and may cause rust on steel parts.

eStallion is water resistant. However, it is not safe or recommended to ride on wet/slippery roads. Bicycles ridden in rain and/or off-road require more frequent and extensive service. If you are a frequent commuter or distance rider, and has to ride in the rain, it is best to wipe down the bicycle (specially the controller display and the battery area) afterwards and make sure water is not collected on the bicycle for longer durations. It is best to cover the controller display using a waterproof material if regular exposure to water is expected.

Use a lubricant on the chain. Try to find a chain lube specially developed for bicycle chains. We do not recommend using WD40 on your chain since it is made for doors and things that move sometimes, not bikes - which have lots of pressure and movement. WD40 could actually strip your chain of oil, causing metal-on-metal grinding.

Be Sure Bolts, Screws, and Nuts are Tightened. Try and check them regularly and before every ride.

If your bike has been crashed, we recommend bringing it in for a thorough check-up to ensure that it is functioning properly and safely.

eSTALLION COMMUNITY

There is a WhatsApp group that includes eStallion users and Stallion Riders team members where you can discuss and get up to date information on your eStallion bicycle. You can join the group by scanning the following QR or by clicking on the link. We always encourage the constructive feedback from the users of our products in order to improve.

WhatsApp Group Link: <https://chat.whatsapp.com/LcvQTNb9qCkGnuv5bFt41T>

WhatsApp Group QR:



If you're happy with our bicycle, please leave us a good review on our social media or on google through the following links

FB: <https://www.facebook.com/Stallionridersbikes/reviews/>

Google review: <https://goo.gl/maps/asxpofGZuDH3s9st6>