

POWER RIDE EBIKE

Assembly Guide

IMPORTANT

Your POWER RIDE electric bicycle has been fully adjusted and checked at the factory. To facilitate shipping, the front wheel, handlebars and pedals have been removed. It is a relatively simple operation to re-assemble these parts, however if you do not feel competent to do this you should consult a qualified cycle mechanic. **For your safety it is important that the parts are assembled correctly.**

IN THE BOX

Along with your POWER RIDE eBike you will find the following:

- High capacity Li-Ion battery and mains power charger. Pedals and reflectors.
- 2 × Allen key wrenches, 4mm and 5mm
- 2 × spanners, 14/15mm and 8/10mm

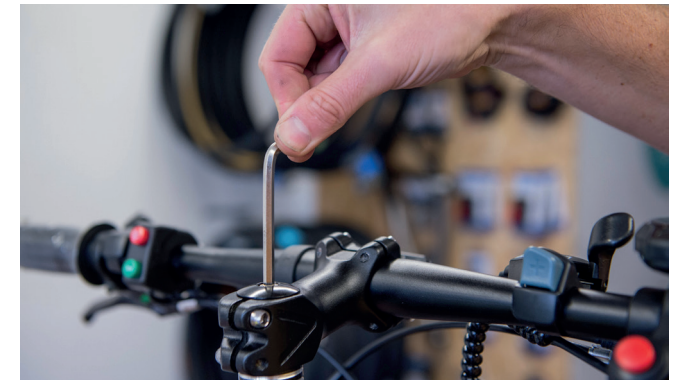
It will also be useful to have a medium size cross-head screwdriver and scissors. **Please unpack the box carefully to avoid damage.**
Remove packaging

FITTING THE HANDLEBARS

Your Power Ride electric bicycle has a modern, 'threadless' or 'A-head' handlebar stem fitting. This has three x 5mm Allen bolts. One bolt is used to fix the top cap located on the fork steerer tube. Two bolts on the sides of the handlebar stem.

You will need the 5mm Allen key wrench.

1. Undo the bolt to remove the top cap from the fork steerer tube.
2. Loosen the two bolts on the side of the handlebar stem.
3. Slide the handlebar stem over the steerer tube ensuring the brake and gear cables are to the front of the bike.
4. Replace the top cap and gently tighten down the Allen bolt. **Do not overtighten this bolt.**
5. Ensure that the front wheel forks are correctly orientated with horse-shoe shaped support bridge towards the front and the brake caliper on the rear of the forks.
6. Tighten the two bolts on the side of the handlebar stem to clamp the handlebars in the correct position.



INSTALLING THE WHEEL

You will need the 15mm spanner.

On each side of the wheel axle you will find, in order, a captive washer with safety tab. A standard washer and finally the securing nut.

1. Loosen each securing nuts to the ends of the axle (no need to remove completely). Ensure that the washers on each side are positioned next to the securing nuts.
2. Hold the wheel in front of the bike forks with the brake disc rotor on the same side as the brake caliper of the rear of the bike forks.
3. Bring the wheel in from the front of the bike and between the legs of the forks. Gently slide the brake disc rotor in between the slot of the brake caliper and the wheel axle locates in the 'drop-out' slots at the end of the fork legs.
4. Ensure that both sides of the wheel axle is fully located in the 'drop-out' slots of the forks.
5. Just above where the wheel axle is now located you will see a 5mm square hole. Rotate the captive washer so that the tab sits in this hole. Tighten up the securing nut with your fingers. Repeat this step for the captive washer and nut on the other side of the wheel.
6. Using the 15mm spanner tighten the axle securing nuts evenly on both sides.



HANDLEBAR ALIGNMENT

At this point it may be necessary the re-align the handlebars so they are perpendicular to the front wheel.

1. To do this, loosen the two bolts on the side of the handlebar stem.
2. Whilst holding the front wheel, rotate the handlebars to the desired position.
3. Evenly re-tighten the two Allen bolts on the side of the handlebar stem
4. Test to ensure that the handlebars do not slip.



FITTING THE PEDALS

Each pedal will have either an 'R' or an 'L' marked on the end of the pedal spindle. This indicates which side of the bike the pedal must be fitted.

You will need the 15mm spanner.

1. Identify the pedal marked 'R'.
2. Using your fingers, screw the pedal spindle **clockwise** into the crank arm on the **right** or **chain side** of your eBike.
3. Use the 15mm spanner on the flat portion of the pedal spindle and fully tighten **clockwise**.
4. Identify the pedal marked 'L'.
5. Using your fingers, screw the pedal spindle **anti-clockwise** into the crank arm on the **left** side of your eBike.
6. Use the 15mm spanner on the flat portion of the pedal spindle and fully tighten **anti-clockwise**.

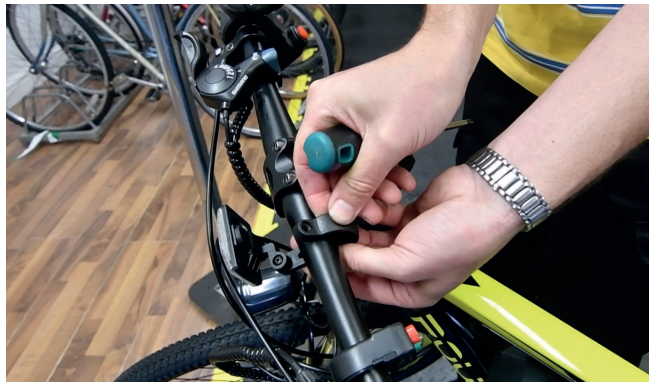


FITTING REFLECTORS

You will need a cross-head screwdriver.

Two reflectors are supplied. The white or clear reflector will be fitted to the handlebars. The red reflector fitted to the seat post.

1. To fit the front (white/clear) reflector, completely remove the bolt from the circular reflector clamp. Be careful that the nut doesn't fall out of the clamp.
2. Gently open the circular clamp and slide it over the handlebar. Position the clamp near the centre of the handlebar with the reflector facing forwards.
3. Replace and tighten the bolt to secure the clamp in position.
4. To fit the rear (red) reflector, loosen the bolt only.
5. Slide the circular clamp up the seat post with the reflector facing away from the back of the seat. Position the reflector just under the seat.
6. Tighten the rear reflector clamp.



INSTALLING THE SEAT

Your POWER RIDE eBike has a quick-release seat post clamp fitted to the bike frame. This makes it easy to install and adjust the seat height.

1. Open the lever on the seat clamp.
2. Slide the seat post into the frame and set to the desired height. **Important:** Do not extend the seat post out of the bike frame beyond the safety limit marks on the seat post.
3. Close the lever on the seat clamp
4. Test the seat is secure and will not twist. If it is loose then open the seat clamp lever again and tighten clockwise the adjustment nut on the other side of the clamp. Close the lever again. It should now be tighter.



FITTING THE LAMP

Your POWER RIDE eBike has a high power front lamp which is connected to the bike wiring and draws power from the main battery.

You will need the 8mm spanner.

1. Using the supplied nut, bolt and washer, secure the lamp bracket to the 'horse-shoe' shaped bridge support on the front of the forks.
2. Using your fingers, tighten up the nut to the back of the fork bridge.
3. Use the 8mm spanner to ensure the lamp is securely fitted.
4. Angle the lamp downwards slightly so it will not dazzle oncoming road users.



INFLATING THE TYRES

To get the best performance from your POWER RIDE eBike it is important to ensure your tyres are properly inflated. Low tyre pressures will reduce the distance that can be travelled on a full battery charge.

The tyres will have been partially deflated for shipping.

You will need a foot or hand pump with a Schrader valve (car-type) adapter.

Remove the dust cap and attach your pump. Inflate to a recommended pressure of 50psi. The sidewalls of the tyres should feel firm when squeezed between your fingers. Remove your pump and replace the dust cap. Repeat the procedure for the other wheel.



FITTING THE BATTERY

The battery is supplied with a key which fits into the battery mount on the eBike frame.

1. Insert the key and twist to unlock.
2. From the chain side of the bike, position bottom edge of the battery into the bottom of the battery cradle.
3. Push the top edge of the battery across so it engages with the top of the cradle and clicks into place.
4. Turn the key to lock the battery in place. The key can now be removed.
5. Pressing the button on the side of the battery illuminates a bar scale indicating how much charge remains on the battery.
6. There is also a small circular socket for plugging in the cable from the mains charger. Replace the rubber cap after charging.
7. A USB socket is also installed on the side of the battery. This can be used for powering or charging other devices.

Your POWER RIDE eBike can now be turned on by pressing the button on the display unit on the handlebar. Repeated presses will display different statistics about your ride, e.g. speed and distance.



HANDLEBAR CONTROLS

Your POWER RIDE eBike has all the controls you would expect to find on a standard bike. The bike is equipped with a total of 21 gears (3×7). The left-hand gear shifter controls the 3 gears on the crankset. Use the lever to select the required gear. The right-hand gear shifter will step through the 7 gears on the rear wheel hub. The lever will select a lower or easier gear. Pressing the blue button will select a higher or faster gear.

Your eBike has disc brakes on the front and back wheels. These are operated by the brake levers on the handlebars. The right-hand lever operates the front brake and left-lever does the rear. If you wish to make the brakes more responsive, wind the barrel adjusters out either on the brake caliper or brake lever.

On the left side of the handlebar are a red and a green button. The red button operates a horn. The green button turns the front lamp on and off.

Rotating the twist-grip on the right side of the handlebar towards the rider operates the power to the motor in the back wheel.

