emu

THE ELECTRIC BIKE

EMU ROAM
QUICK START GUIDE

2020/2021
VERSION

www.emubikes.com

QUICK-START GUIDE TO YOUR EMU ROAM

Your new EMU electric bike is 95% assembled and can be wheeled straight out of the box.

Please check the contents and follow this guide carefully to ensure you can start to enjoy your EMU electric bike without delay.

BOX CONTENTS

Emu Roam

Lithium-ion battery and charger

Pedals

Keys

Basic assembly tools

BIKE COMPONENTS

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2. Display
3. Gear lever
4. Brake lever
5. Front fork
6. Rim
7. Tyres
8. Motor
9. Spokes
10. Front mudguard
11. Battery
12. Frame(Male / Female)
13. Seat post
14. Saddle
15. Chain guard
16. Pedal
17. Crank set
18. Kick-stand
19. Chain
20. Rear mudguard
21. Derailleur
22. Front brake
23. Rear brake
24. Luggage rack
25. Rear light
26. Handlebar
27 Battery connection socket
28. Front light
29. Headset top cap

CHARGING THE BATTERY

1. Unpack the battery and charger and place on a level surface.
2. Connect the battery to the charger.
3. Plug the charger into a wall socket.
4. It is important to charge the battery fully before using it for the first time.
5. When the light on the charger turns from red to green the battery is fully charged.
6. Unplug the charger from the wall socket.
7. Do not leave the battery plugged in once it is fully charged.

FITTING THE BATTERY

1. Slide the battery (battery connection side first) into the rear carrier until it clicks and locks into place.
2. Remove the key and keep safe.
3. To remove the battery, unlock by turning the key and gently slide the battery out of the rear carrier

FITTING THE PEDALS

1. Look closely at the pedal axles, you should see a small “R” and “L” for the “right” and “left” (when sitting on the bikes)

2. Choose the appropriate pedal for each side and insert it into the correct crank arm, turn the pedal axle towards the front of the bike (both pedals thread in this direction, so the left pedal turns anti-clockwise and the right pedal turns clockwise). If it doesn’t turn easily, do not force it. Check you have the correct pedal and are inserting it level at 90° to the crank arm.

3. Thread both pedals into the crank arm as far as you can by hand. Then fully tighten to 30Nm using the 15mm spanner.

HANDLEBARS AND STEM ADJUSTMENTS

1. Put the stem into the head tube and adjust the stem to the desired position. In the meantime, pay attention to the mini insertion line. Make sure the insertion line is inserted into the head tube and not visible. Tighten the stem bolt with the 6mm Allen key.

2. If you want to adjust the angle of handlebar, hold the handlebar to adjust stem forward or backward to ideal position. Then tighten the regulating bolt.

IT IS VERY IMPORTANT TO TIGHTEN ALL THE BOLTS FIRMLY USING THE ALLEN KEY.

SADDLE ADJUSTMENTS

1. Set your saddle height so that, when seated on the saddle with your hips level, you can tuck your toe under the pedal when that pedal is closest to the ground, and can get the balls of both feet firmly on the ground.

2. To adjust the saddle height, loosen the seat post bolt using the 4mm Allen key and slide the post up or down. Ensure the post is extended no further than the maximum mark shown on it. Tighten the bolt securely to 10NM with the 4mm Allen key.

3. To adjust the angle of the saddle, seat yourself on the saddle. Move the pedal cranks so that they are horizontal. Place the ball of your foot on the centre of the forward pedal. Ideally, your knee should now be directly over your ankle with your shin vertical. If your knee is behind your ankle, you will need to move the saddle forward. If your knee is in front of the ankle, you will need to move the saddle backwards.

4. The bike saddle is supported underneath by a “holder”. The holder allow you to slide the saddle forward or backwards. Use the 8mm Allen key to loosen the clamp that secures the saddle to the seat post. After positioning the saddle correctly, re-tighten the bolt to 20Nm.

5. The seat clamp also allows you to raise or lower the nose of the saddle. Set this initially so the saddle is horizontal. Once you have ridden a few kilometres you may wish to adjust the nose for improved comfort.

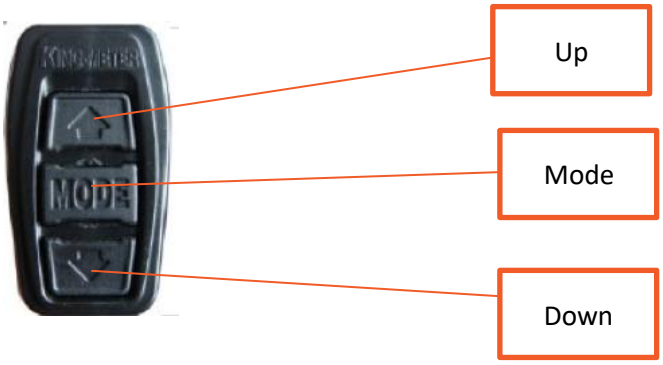
IT IS VERY IMPORTANT TO TIGHTEN ALL THE BOLTS FIRMLY USING THE CORRECT TOOLS.

PRE-RIDE FINAL CHECKS

1. Check all nuts and bolts are adequately tight but do not over tighten. Pay particular attention to the wheels, saddle and handlebar bolts.
2. Check the tyre pressure, tyres should be inflated to 46-65psi, further details are listed on the sidewalls of the tyres.
3. Check that brakes and lights are working.
4. Read the Manual so you understand how to operate the power assist functions.
5. Check battery is locked in place, and turn on the Display Panel.

USING POWER ASSISTANCE MODE

Display



Button remote

1. Press and hold MODE button for 1 second to turn on/off the display and bike. The Display will automatically shut down when it is not in use.

2. Short press UP/DOWN button can change the assist level. Top assist level is 5, 0 for neutral. Levels can be adjusted according to the customer's requirements.

3. Press and hold UP button for 1 second to turn on/off the headlight and display backlight. The motor does not work when the battery voltage is low, although the headlight will remain on for a while.

4. Press and hold DOWN button for 2 seconds to get into walk mode and release the button to stop the walk mode (6 Km/h).

5. Press M button for 2 seconds to get into setting menus, press UP/DOWN buttons to change the parameter setting, press M button to switch to next item. Press M button for 2 seconds to exit from menu.

    *Display will automatically quit menu when there is no operation for 30 seconds.
    *For safety reasons MENU can't be used when riding.
    *Display will quit Menu when you start riding.
    *Press UP/DOWN button to switch between Metric / Imperial.
    *Press UP/DOWN button to change the brightness of the backlight, | is darkness，|||| is brightness.
    *Single Trip Clearance (TC) can be selected to clear the trip.

ERROR CODE DEFINITIONS

When there is error, the error code will show on screen (21~30). For error code definitions see the table below.

Error Code	Definition
21	Abnormal Current
22	Abnormal Handlebar
23	Motor Phase Loss
24	Abnormal Motor Hall Signal
25	Abnormal brake
30	Abnormal Communication

PLEASE NOTE!

- Your EMU electric bike can be considerably faster than a non-electric bike. Stopping distances will therefore be marginally longer. Please take the time to get to know your Emu electric bike before riding near traffic or pedestrians.
- Stopping distances in wet or icy conditions will be longer, so adjust your speed and expectations. Wet road markings can be particularly slippery.
- When braking ease both brakes on (rear brake slightly before front brake) for balanced braking, all the time responding to the feel of the bike.
- Avoid potholes, loose terrain, spills and obstacles.
- Do not carry adult passengers or overload the bike.
- With maximum power assistance, the battery will last approximately 30-110km, depending on battery choice.
- Various factors will affect the distance range. Expect a reduced range (of up to 25%) in winter due to cold weather. This is normal for lithium batteries and performance returns with warmer weather. It is advisable to keep the battery indoors at room temperature when cold outside. Other factors include:
  Total load, tyre pressure, rider input, power assist levels used, terrain, and frequency of speed changes. The power assistance means you can ride uphill with much less effort, although you will use up more battery power than merely riding on level terrain.
- To comply with EU/UK law the electric motor is controller restricted to a maximum speed of 25km/hr.
- We recommend that you have your Emu bike safety checked at a bike repair centre 3 to 4 weeks after purchase to ensure all nuts and bolts are securely fastened and brake and gear cables are correctly tensioned.
- Please download and read the complete Emu Bike Manual from our website .

We are here to help answer any queries, so please visit the website www.emubikes.com where you will find information on all aspects of the EMU electric bike and a phone number and email helpline if you need to speak to someone about your bike.

Click here to register your warranty online

Enjoy riding your EMU electric bike!