



# Lyric Graffiti

## Assembly Instructions





## ***Assembly Warning***

Incorrect assembly, maintenance, or use of your ebike can cause component or performance failure, loss of control, serious injury, or death. Even if you're an experienced bike rider, you must read and understand the entire manual and any documentation provided for subcomponents or accessories before riding. If you are not sure you have the experience, skills, and tools to correctly perform all assembly steps in the manual you should consult a local, certified, reputable bike mechanic experienced with electric bikes.

Damage caused to your electric bike from improper assembly will be considered a defect of negligence and not covered under your bikes warranty. So please take care in assembling and/or maintaining the components of your bike.

Damage to your ebike's electrical system caused in any manner, including water intrusion, can lead to battery failure, electrical system malfunction, or electrical fire and consequent property damage, injury, or death. Your electric bike is water resistant, not waterproof. Connections are IP54 rated and will safely function in light rain but exposure to submersion or high-pressure spray will cause damage. Follow all recommendations to minimize chance of water damage. If you have any questions please contact our support department.

# Lyric Graffiti - Assembly Instructions



## Overview

We have done our best to make the assembly of your new ebike easy to get you going as soon as possible. If you happened to not read the warning on the page before though, we'll say it simply here, even if it has been made fairly easy, incorrect assembly can cause issues with the wheels, tire tubes, tire mounting, pedals and cranks. For those that feel comfortable there are 4 basic steps:

- 1. Inflate the tires to the correct pressure**
- 2. Rotate the stem**
- 3. Install the handlebar**
- 4. Install the pedals**

## Tools Required

If you have chose to do the assembly of your bike yourself you will need:

- 1. Metric Hex Wrench Set(Allen Wrench)**
- 2. 15mm Wrench or Pedal Wrench**
- 3. Bicycle Tire Pump with Pressure Gauge**

# Lyric Graffiti - Assembly Instructions



## Step 1 - Inflate the Tires

Your tires will be either slightly or fully deflated when you receive your Lyric Graffiti. We recommend you slide the bike out of the box on its side onto a soft surface like a rug, carpet, foam mat, or other soft surface that won't scratch the bike. Don't try and inflate the tires with the bikes weight sitting on them, there is a high likelihood that your tires will not be centered and beaded properly if you do this and will not roll smoothly.

Inflate your tires using the tire valve. If your pump doesn't fit on the rear wheel valve you can pull it towards you gently, but pulling too much can tear the valve off the inner tube so pull it towards you carefully.



Inflate to between 12-20 PSI depending on your weight (heavier riders will want 16-20PSI) and how much cushion you want vs rolling resistance. Higher pressure will roll faster but makes the ride less forgiving on bumps.

While you inflate the tires, check to ensure that the tire is centered on the wheel. Look for the line on the tires around the wheel rim to gauge how it is lined up on both side of the wheel as you inflate. Going slowly and adjusting as you inflate will make sure you get it right the first time





# Lyric Graffiti - Assembly Instructions



## Step 2 - Rotate the Stem

You will need to rotate your stem before you mount your handlebars

Loosen the hex bolts on the side of the stem to allow it to rotate.



Rotate the stem towards the front of the bike. Don't worry about getting the stem straight yet. We will do that in the next step. So leave the bolts on the side loose for now.



## Step 3 - Install the Handlebar

Next you will mount your handlebar. You will need to remove the 4 bolts on the top of the stem and remove the top stem plate. Then orient the handlebar so that the handlebar buttons and throttles are faced towards the rider.

First remove the 4-bolts on the top of the stem. Keep them nearby as you will need them as soon as you remove the top stem plate.

Once the bolts are removed and you have removed the top plate you can position the handlebar into the round groove.



Position the handlebar in the groove. You can rotate the display on the handlebar as needed to see the mounting placement clearly.

Put the top plate back on the stem and tighten the bolts mostly. Sit on the bike and adjust the handlebar to your liking, ensure it is straight for good steering, and tighten both the top and side stem bolts now to secure it.





## Step 4 - Install the Pedals

The pedals will screw into the crankarms and these should be easy to get the threading started. Note that there is a right and left pedal. Mounting the pedals on the wrong side will strip the threads on either the pedals, the cranks, or both and can cause the cranks to be damaged. Please ensure you are mounting the pedals on the correct side.

First identify the left and right pedal by looking at the pedals from this angle. Once you have identified the sides they mount on hold the pedal and gently start the threading into the crank on the correct side. Note that the different sides are threaded in opposite directions. This may help to know if you are having trouble getting one side or the other started



Next, tighten the pedals with your pedal wrench or 15mm wrench. You will need to get the pedals tight to ensure that they don't come loose while you ride which can be dangerous as well as can cause damage to the pedals and crank.





**Now go and ride and remeber to wear your helmet!**

If you have any other issues please reach out to us at [info@lyriccycles.com](mailto:info@lyriccycles.com)