

# Emmo Urban S

## Owner's Manual



EMMO

GREEN YOUR LIFE

T. Lac V 1.0

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## E-bike MTO Label

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**THIS VEHICLE IS A POWER  
ASSISTED BICYCLE AND  
MEETS ALL THE  
REQUIREMENTS UNDER  
SECTION 2(1) OF THE  
CANADA MOTOR VEHICLE  
SAFETY REGULATIONS.**

**CE VÉHICULE EST UNE BICYCLETTE  
ASSISTÉE ET RECONTRE LA NORME 2(1)  
DU RÈGLEMENT SUR LA SÉCURITÉ  
DES VÉHICULES AUTOMOBILES DU CANADA.**

**WARNING!**

**Please make sure this MTO label is on your e-bike. If this label is not present, please ask your dealer to put one on. All electric bicycles are required to have this sticker on the bike for it to be a legal vehicle.**

# Specifications

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<b>Color:</b>	Black, Red, Blue
<b>Dimension (LxWxH):</b>	162cm x 71cm x 120 cm
<b>Wheel Size:</b>	18" x 2.5"
<b>Net Weight:</b>	50-65 kg (base on battery type)
<b>Maximum Speed:</b>	32 km/h
<b>Travel Range:</b>	50 km
<b>Charging Time:</b>	3 – 8 Hours
<b>Climbing Angle:</b>	25 Degrees
<b>Load Capacity:</b>	220kg
<b>Motor:</b>	48V/12Ah
<b>Battery:</b>	48V/12Ah Lead Acid; 48V/12Ah or 20Ah Lithium
<b>Charger:</b>	AC100-120V, Smart Charger (Battery maintained while charging)
<b>Front Brake:</b>	Drum Brake
<b>Rear Brake:</b>	Drum Brake
<b>Lock System:</b>	Key Ignition Lock / Steer Lock / Motor Lock
<b>Meter &amp; Indicator:</b>	Speedometer, Battery Strength Indicator, Light Indicator
<b>Lighting System:</b>	LED Headlight w/LED High Beam, LED Turning Signals, LED Brake Light, LED Tail Light, LED Indicator Light
<b>Storage:</b>	Lockable Rear Box (optional)

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\* Travel range is based on riding on level ground, no stops, no winds, warm temperatures for a 175lb rider with no extra cargo.(change if necessary)

# Charging the Bike (Lead Acid Battery)

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There are two different plugs on your charger: one end that goes into an 110V power outlet, and the other into the charger port.

1. Take one end of the charger and plug it into the charger port located on the bike (Please make sure that it is fully plugged in)
2. Plug the other end of the charger into the power outlet.
3. Confirm that the charging indicator turns red.

Note: When the battery is fully charged, the charging indicator will turn green.

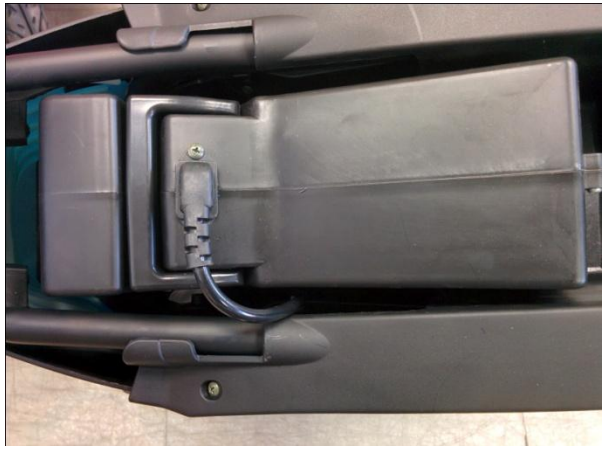
4. Unplug the charger from the power outlet.
5. Unplug the charger from the battery/bike.
6. Charging period is between 3-8 (3-6 for Lithium).

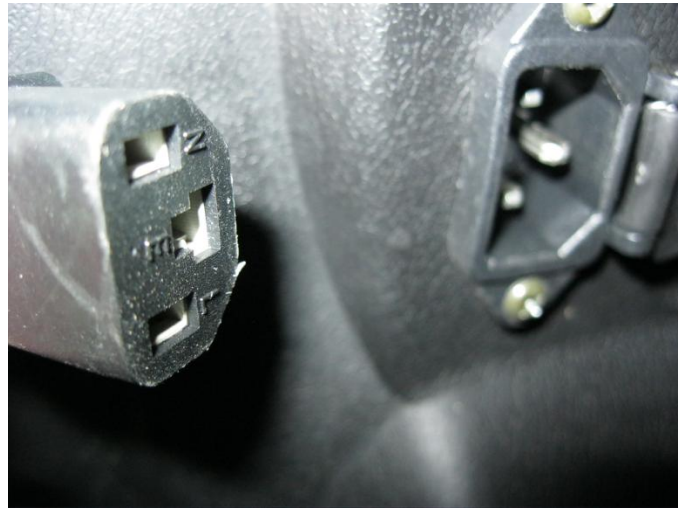
Note: The charger light must be red when both plugs are plugged in. It will always turn red first if the bike has been used. It will turn green after it is fully charged.

**WARNING!**

**Charge the bike for no more than 12 hours.**

**Fully charge the bike once a month during long periods of inactivity. (i.e. during the wintertime)**





### Charging the Bike

There are two ways to charge the Emmo Urban.

1. As indicated on **page 6**, you can remove the battery from the bike and charge the battery directly. To do so, you must unlock the seat and unplug the power cable from the battery itself, and then you can remove the battery by using the battery handle to pull it out. After the battery has been removed, plug the charger into the battery first then plug the other end into an outlet to charge the battery.
2. To charge the Urban without having to remove the battery from the bike, plug your charger into the socket that is underneath the seat and between the shocks (as indicated by the circle in the image above), then plug the other end of the charger into an outlet.

### **WARNING!**

- \*CHARGING THE E-BIKE SHOULD TAKE A MAXIMUM OF 8 HOURS.**
- \*DO NOT CHARGE THE E-BIKE FOR MORE THAN 12 HOURS. OVERCHARGING WILL OVERHEAT THE BATTERY, CAUSING DAMAGE TO THE BATTERY.**
- \*MAKE SURE TO FULLY CHARGE THE E-BIKE ONCE A MONTH DURING LONG PERIODS OF INACTIVITY (i.e. WINTERTIME).**



**Front Brake**

To activate the front brake, pull this lever towards the rider.

**Rear Brake**

To activate the rear brake, pull this lever towards the rider.

**Tire Pressure**

The recommended air pressure for the tires is 35-40 psi. Check the tire pressure once a month. Please note that the wheel is composed of two parts: the tire itself and the tube within.

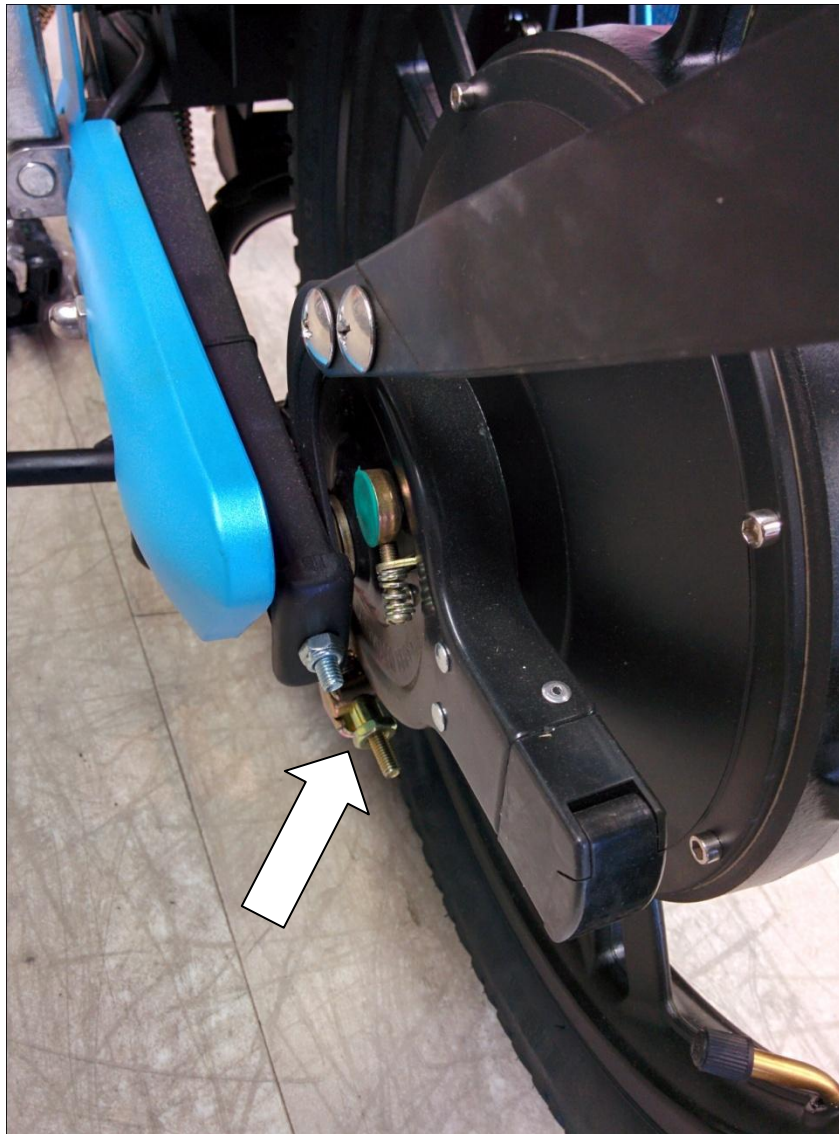
**Tighten Brakes**

Turning this nut (shown by the white arrow) tightens or loosens the brake. Clockwise tightens the breaks while counter clockwise loosens the breaks

**Note: Please make sure that both front and back brake are not over tightened after adjustments.**

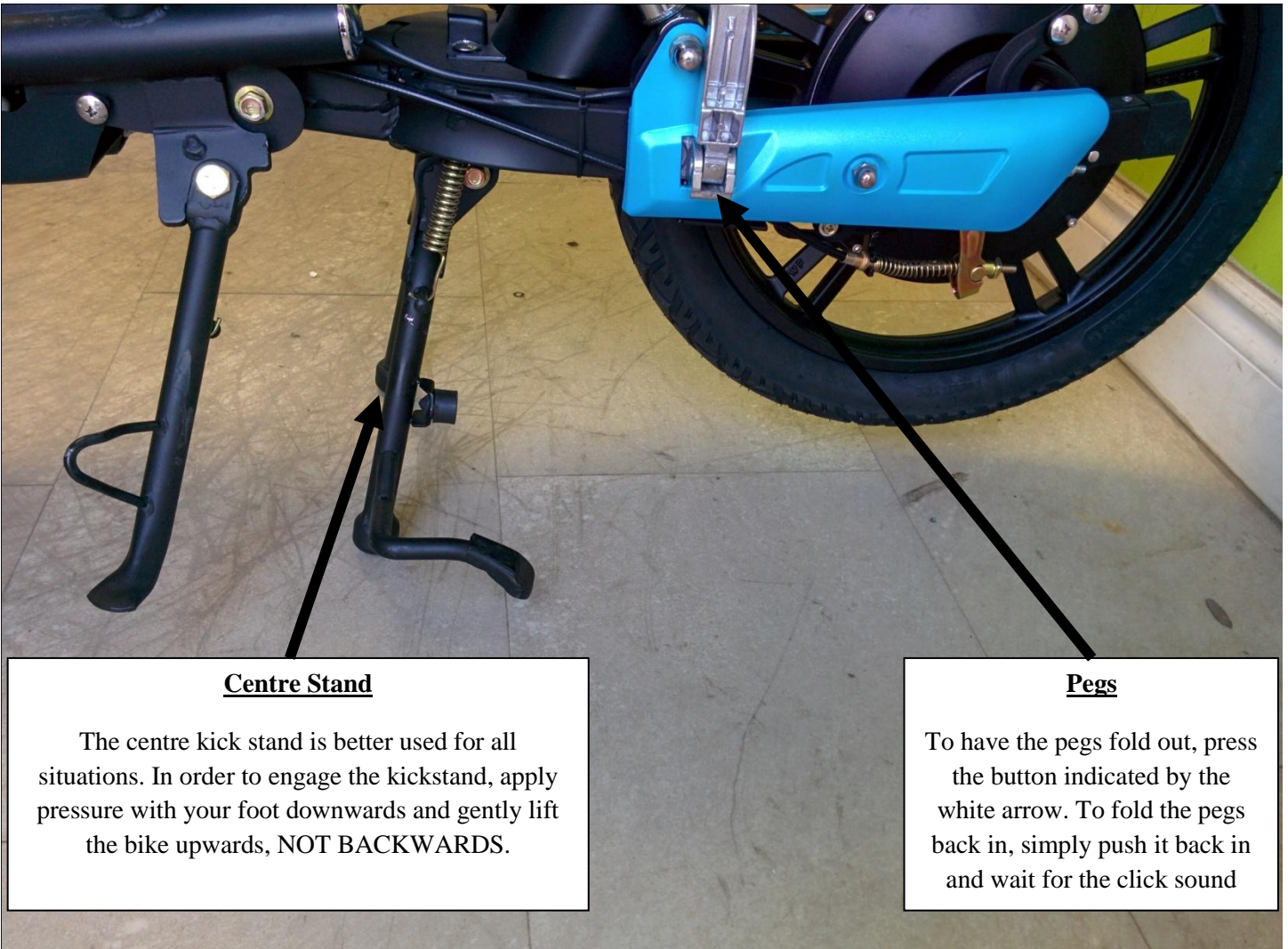
**When either brake is activated, all power to the motor will be disconnected. Always use the rear brake first, then the front brakes. (Adjust this depending on what brakes are available on the bike)**





**Adjusting the Back Brake and Greasing the Chain**

To tighten the back brake on the Urban S, Tighten the nut (as indicated by the white arrow) to the desired tightness. To loosen the back brakes, simply loosen the nut to the desired tightness. Once a month it is recommended that you use bike chain grease on your chain.



**Centre Stand**

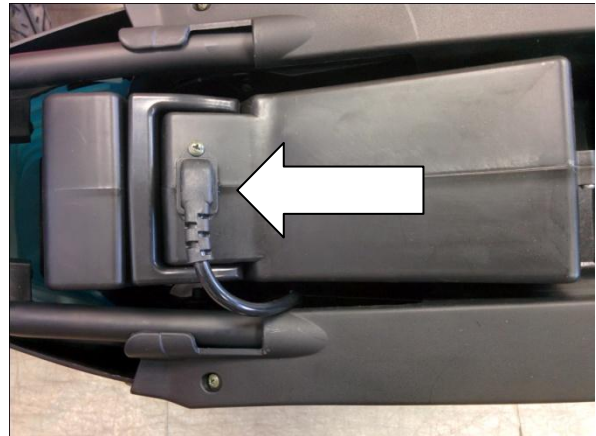
The centre kick stand is better used for all situations. In order to engage the kickstand, apply pressure with your foot downwards and gently lift the bike upwards, NOT BACKWARDS.

**Pegs**

To have the pegs fold out, press the button indicated by the white arrow. To fold the pegs back in, simply push it back in and wait for the click sound

**WARNING!**

**The law requires all e-bikes to have pedals installed. If the pedals are off, these vehicles will be considered a motorcycle which does not follow the same regulations as e-bikes.**



### **Seat Lock**

To open the seat, use the keyhole on the back of the bike (shown in the picture above on the left). Turn clockwise to unlock the seat.

### **Power Cable**

The power cable (as indicated in the white arrow above, in the picture on the right) controls the power running through the bike from the battery. When the power cable is unplugged from the battery, it stops the power from flowing throughout the bike and vice versa. None of the electrical aspects will work on the bike if the power cable is unplugged.

### **WARNING!**

#### **FOR LEAD ACID BATTERY:**

**In the winter time, fully charge the bike and unplug the battery for maintenance. Fully charge the battery once a month to ensure maximum battery life.**

**Don't leave it uncharged for extended periods of time!**

#### **FOR LITHIUM BATTERY:**

**During long periods of inactivity, make sure that there is more than 25% power in the battery, then remove the battery from the bike.**



### **Key Positions in Ignition**

1. This is the handlebar lock position. This position is reached when the key is pushed in, and then turn to the left, from the off position. This locks the handlebar when it is turned half way to the left. (The handlebar must be turned half way to the left before the key will turn).
2. This is the 'off' position. The key simply rests in the bike, and the bike is not turned on.
3. This is the 'on' position. This position is reached when the key is turned to the right, from the off position. The bike will turn on, and all functions on the handlebars will work.

### **WARNING!**

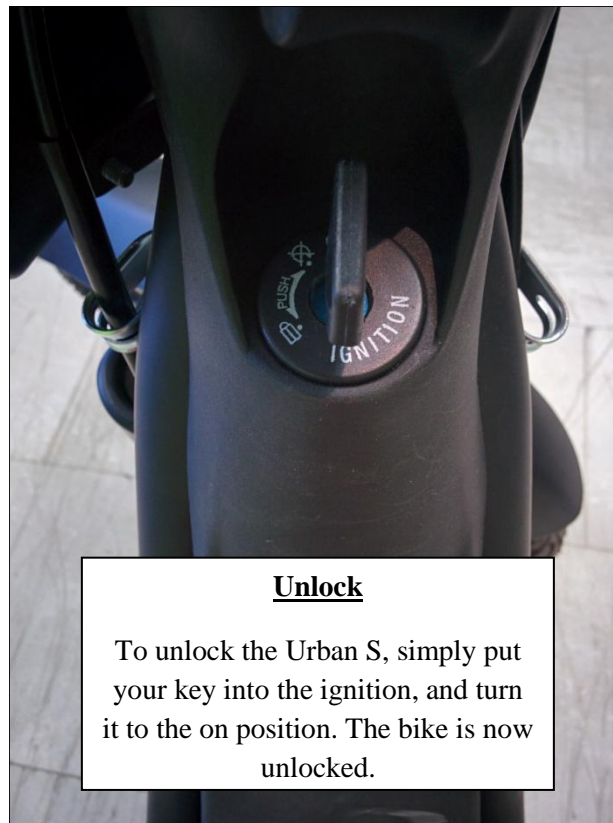
**Do not turn on the bike without sitting on it first, otherwise you will risk touching the throttle by accident and having it run off by itself.**

**Note: If the bike is off, turning the bike on, then turning it off again will set the alarm.**



**Alarm**

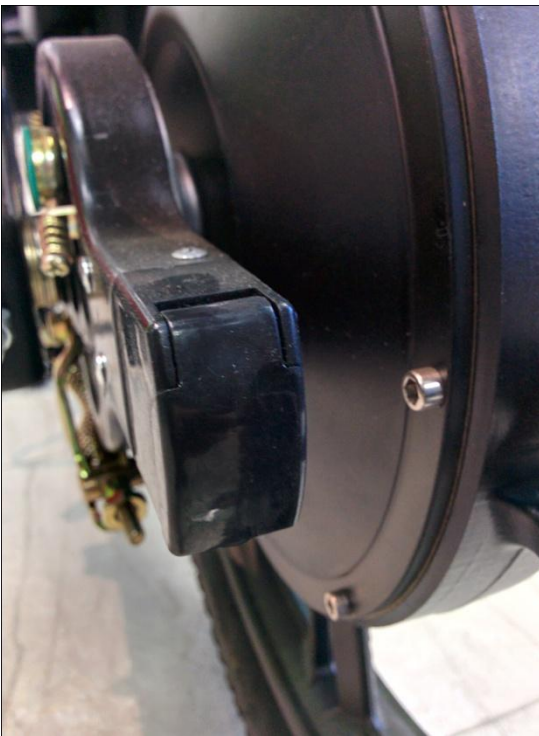
To use the alarm on the Urban S, you must insert your key into the ignition, and make sure it is in the off position. Then push the red button (Indicated by white arrow) on the right side handle bar to arm the bike.



**Unlock**

To unlock the Urban S, simply put your key into the ignition, and turn it to the on position. The bike is now unlocked.

**Note: If the motor lock is on, and the rider tries to use the throttle on the bike, the motor WILL get damaged. The motor will still try to function but will burn itself out very quickly. ALWAYS MAKE SURE THAT THE MOTOR LOCK IS DISENGAGED BEFORE RIDING YOUR BIKE.**



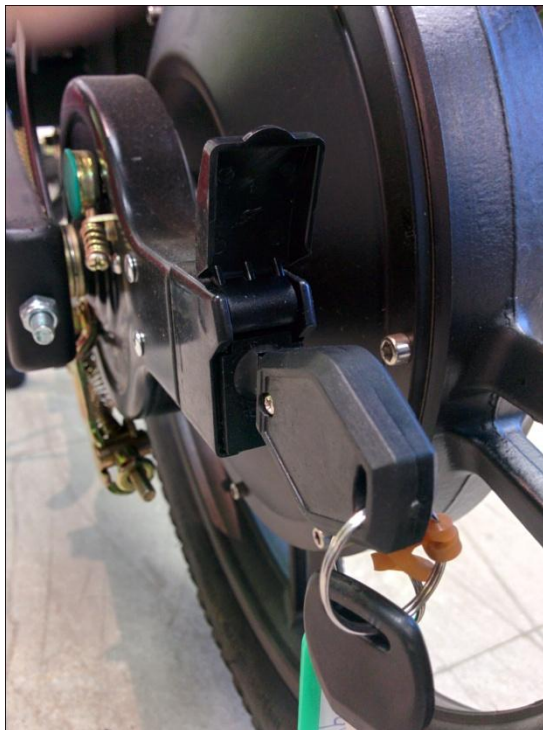
1



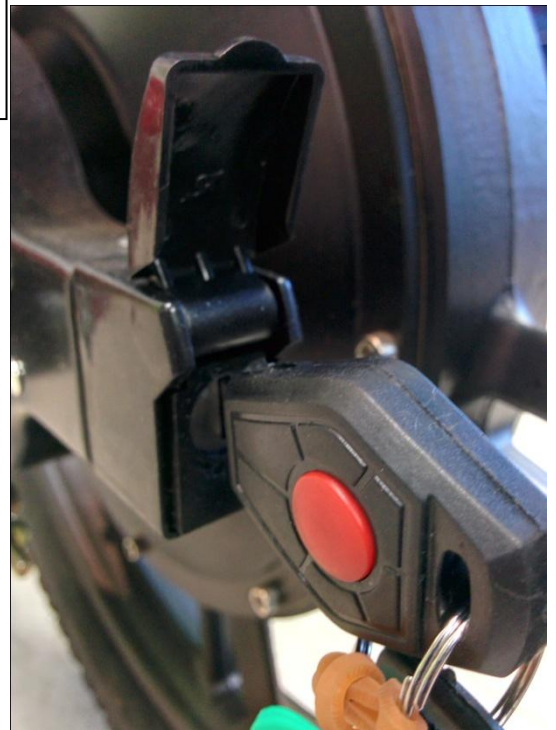
**Motor Lock**

1. Flip the motor lock cover up.
2. Insert the motor lock key into the mechanism.
3. Turn the key counter clockwise to lock the motor.

2



3



**Light Switch**

This switch controls the amount of lighting on your bike. When the switch is pushed to the right, no extra lights are turned on. (Only brake lights work) When the switch is in the middle, the dashboard light and tail light turns on. When the switch is pushed to the left, the head-lights, tail-lights, and dashboard light are turned on.

**Throttle**

When the throttle is turned backwards (toward the rider) it makes the e-bike move forward. (The amount of speed that the rider gets depends on how far the throttle is pulled)



**Horn**

Pushing this button sounds the horn.

**High/Low Beam Switch**

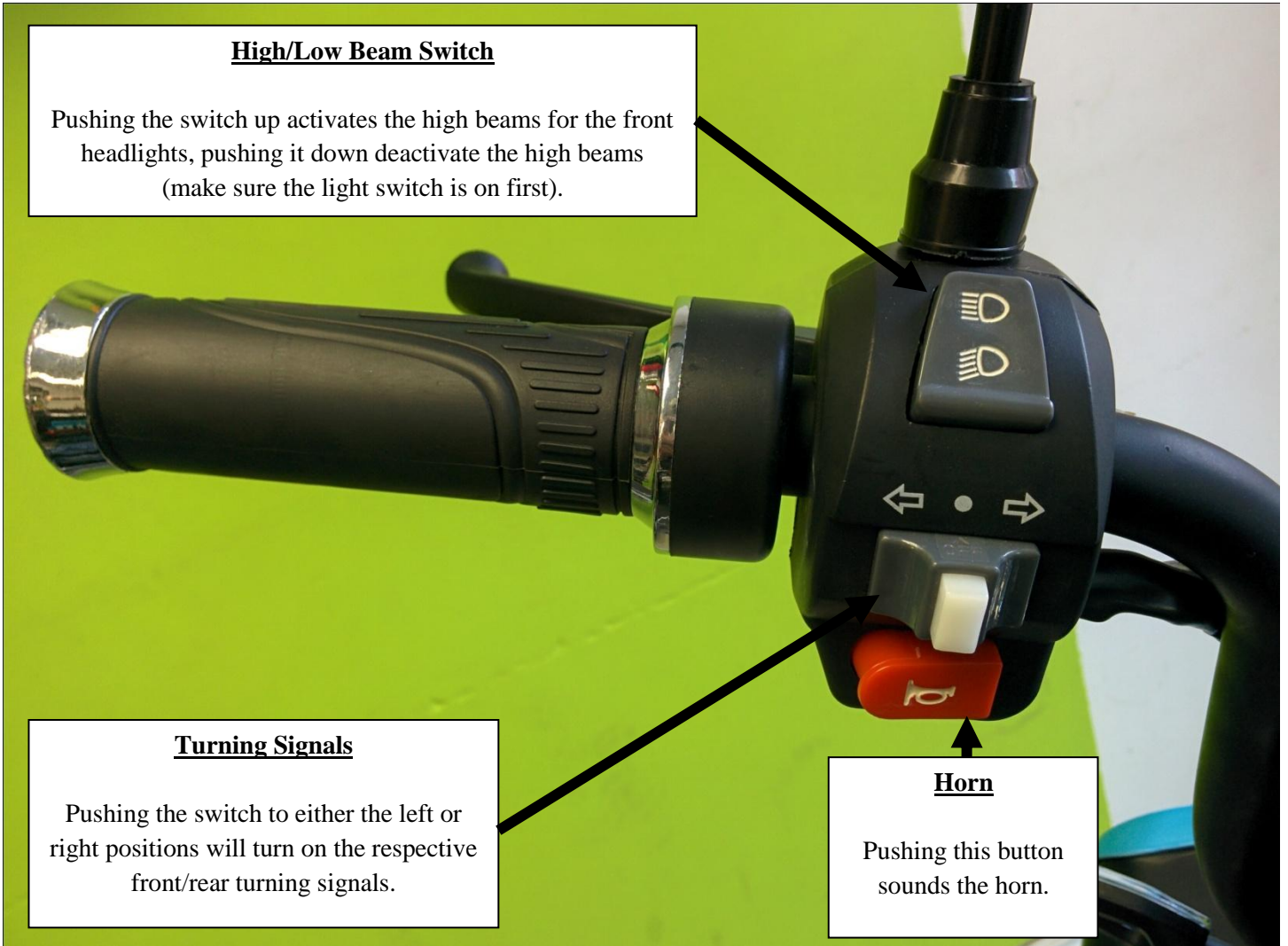
Pushing the switch up activates the high beams for the front headlights, pushing it down deactivate the high beams (make sure the light switch is on first).

**Turning Signals**

Pushing the switch to either the left or right positions will turn on the respective front/rear turning signals.

**Horn**

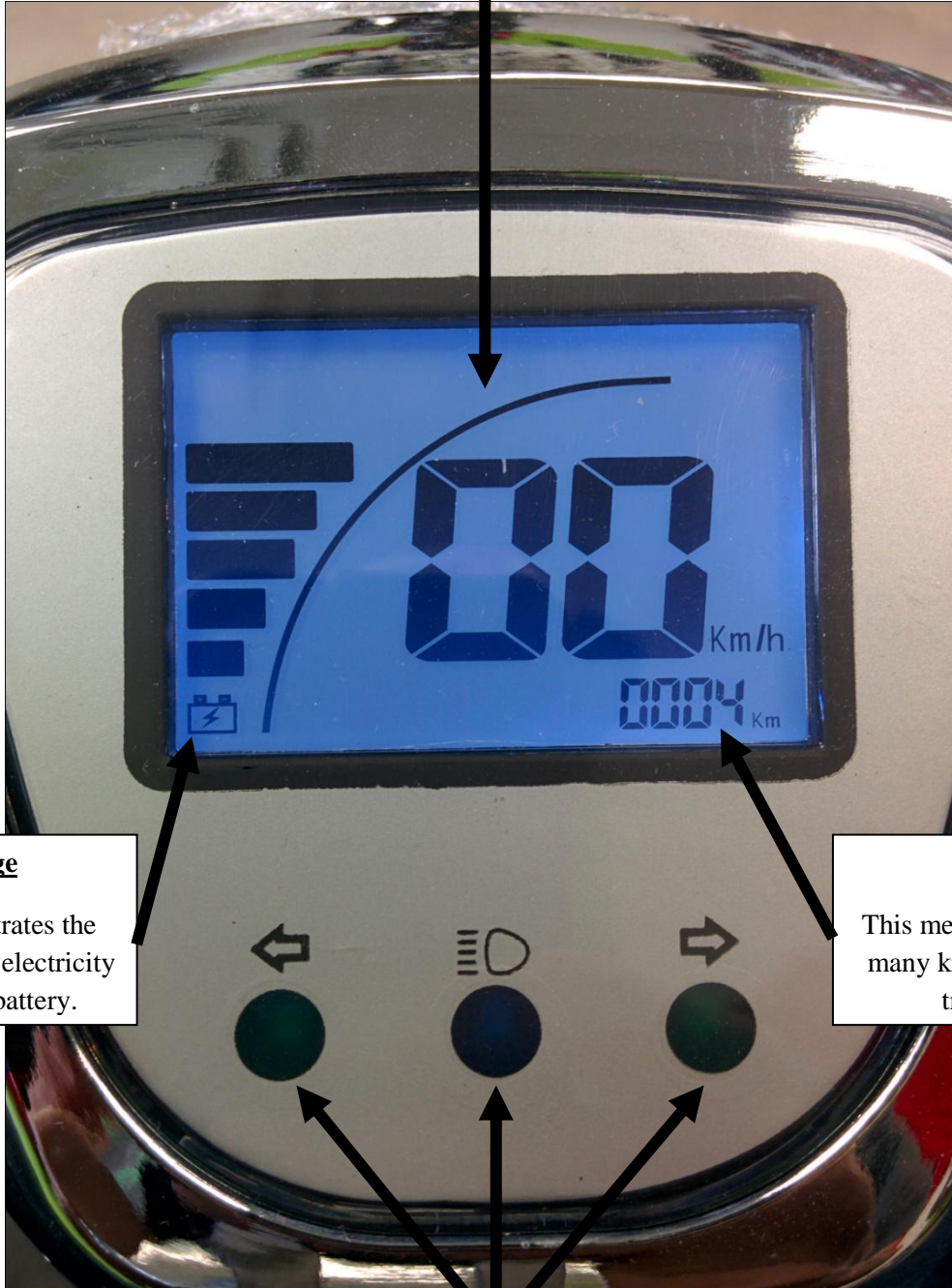
Pushing this button sounds the horn.





**Speedometer**

This shows the speed you are going at once the bike is running.



**Power Gauge**

This meter demonstrates the remaining amount of electricity available in your battery.

**Odometer**

This meter keeps track of how many kilometres the bike has traveled overall.

**Light Indicators**

These lights turn on when the high beams or signals are activated.

# E-bike Registration

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Once you have purchased an Emmo E-bike, please register your vehicle with us to validate your warranty.

In order to register your e-bikes, please follow the steps listed below:

**1. Fill out the following form:**

Invoice Number:

Purchase Date:

Motor Number:

E-bike Model and Colour:

Store Location:

Customer Name:

Home Address:

Phone Number:

E-mail:

Survey:

How did you find out about Emmo Inc.? (Please select the options that apply)

- Returning Customer     Family/Friend     Passing by Store     Kijiji  
 TERA     Google     Yelp     Other \_\_\_\_\_

**2. Send the information listed above to our e-mail: [info@emmo.ca](mailto:info@emmo.ca)**

**3. Wait for a confirmation e-mail from Emmo Inc.**

# Thank you for Choosing



## GREEN YOUR LIFE

### Connect With Us!

Stay tuned for updates regarding new e-bike models, special deals and more!

**Official Website: [www.emmo.ca](http://www.emmo.ca)**



[www.facebook.com/EmmoCanada](http://www.facebook.com/EmmoCanada)



[info@emmo.ca](mailto:info@emmo.ca)

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Any laws/regulations regarding “E-bikes” can be found on the Ministry of Transportation website:  
[www.mto.gov.on.ca](http://www.mto.gov.on.ca)

If you have further questions, please contact us at:  
438 Spadina Avenue, Toronto ON  
Toll Free: 1 888 510 3666 Tel: (416) 792-3227 Fax: (416) 792-6736  
Email: [info@emmo.ca](mailto:info@emmo.ca)