

Emmo Urban T2

Owner's Manual



T. Lac V 1.0

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Rules & Regulations

It is your responsibility to research and understand relevant laws where you ride your bike. Such laws may cover required helmets and safety gear, required lights and reflectors, required hand signals, where you can legally ride a bike (bikes and ebikes may have different restrictions), how fast you can go, what (if any) cargo or passengers you can carry, rider age, and more. Before using public transportation—buses, trains, etc.—to transport your e-bike, check with the relevant transportation authority for any rules governing weight limits, tire widths, lithium-ion batteries, or any other rules that might pertain to e-bikes. When you ride on the road, assume you must, at minimum, follow all of the rules that cars must follow. For additional information regarding traffic and vehicle laws, contact the road traffic authority in your area.

The product(s) comply with federal regulations for this product category in Canada and with applicable provincial regulations in the region of sale at the time of purchase. In jurisdictions where the product(s) may NOT be compliant, the buyer acknowledges this possibility and accepts full responsibility for their use. The buyer is solely responsible for understanding and complying with all applicable laws, regulations, and bylaws related to the operation and use of the product(s) in their local area. If the product(s) are capable of going faster than the applicable legal speed limit, the seller is NOT responsible for the speed at which the buyer operates the product(s). Any future changes to legislation or regulatory classification that affect where or how the product(s) may be used are outside the control of the seller and shall NOT constitute valid grounds for return, refund, or compensation. Such changes do NOT imply any defect or misrepresentation of the product(s) at the time of sale.

Safety Disclaimer

This manual contains important safety, performance, and service information. Read and understand it along with the information provided during the on-delivery instructions before using the product, and keep it for reference. Ensure that you comprehend all instructions and safety NOTes/warnings.

Definition: In this manual, the term “*Vehicle*” refers collectively to any bike, ebike, etrike, or similar vehicle sold or authorized by EMMO.

General Responsibility

- By choosing to ride a Vehicle, you assume full responsibility for all risks, including falls, collisions, equipment failure, and road or traffic hazards.
- Riders are responsible for following local laws and bylaws, practicing safe riding, and maintaining the Vehicle properly.
- Safe use depends on responsible riding, regular inspections, and timely replacement of worn components.

WARNING!: Fit & Capability

- **Ensure the Vehicle fits you properly before riding; incorrect sizing may cause loss of control.**
- **Riders must have sufficient physical condition, reaction time, and mental capability to handle traffic and emergencies. If you have medical conditions (including impairments or seizure disorders), consult your physician before riding.**
- **Before the first ride, practice braking and throttle control in a safe environment.**
- **If riding at night, familiarize yourself with the lights and signals and ensure they function properly.**

WARNING!: Battery & Charger Safety

- The charger should only be used **indoors** in a cool, dry, ventilated area. Always position the charger on a **non-flammable surface** (e.g., concrete or brick), as it may generate heat during peak charging cycles.
- You must use a **dedicated 110V outlet** to charge your battery.
- Never cover the charger during charging or leave it unattended.
- Keep the battery and charger away from children, pets, water, and open flame.
- DO NOT submerge or allow the charger to be submerged in water or any liquid.
- **DO NOT** use the charger or battery if **any part of the cord, connector, or housing is frayed, cracked, exposed, or otherwise damaged**. Using damaged charging equipment or battery connectors can lead to malfunction, fire, or serious injury.
- Do NOT drop, strike, or expose them to shocks.
- Use only the charger supplied with the product or approved by EMMO.
- Disconnect promptly once fully charged. Do NOT charge for more than **12 hours**, whether the battery is full or not.
- If the battery is stored, check it at least **once a month**. If necessary, use the original charger to recharge the battery to about **75%**. Failure to perform regular checks or charging may result in malfunction or safety hazards.
- Disconnect immediately if there is a strange smell, smoke, or overheating.
- In the unlikely case of battery fire: **never use water**. Use sand to cover the fire and call emergency services.
- **Battery & Charger Rated Life Expectancy:** Lead-Acid Battery: 2 years (500 cycles); Lithium-Ion Battery: 4 years (1000 cycles); Charger: 4 years. All component lifespans assume normal use and proper maintenance. **Annual inspection & safety testing by an authorized technician are required to ensure safety**. Components that have exceeded their rated service life—or no longer provide expected performance—should be replaced to ensure safety and reliability. While proper care may extend usable life, this can NOT be guaranteed.

WARNING!: Installation & Maintenance

- Improper installation, compatibility issues, or poor maintenance can cause serious injury or death.
- Secure all hardware (handlebar, grips, seat, pedals, etc.) before each ride.
- Have the Vehicle inspected by an authorized technician at least once every **6 months**.
- It is your full responsibility to ensure the Vehicle is in good working order at all times. Perform a pre-ride safety check **before every ride** (brakes, throttle, sensors, lights, and other key components).

WARNING!: Modifications & Non-Original Components

- Do NOT use the Vehicle with trailers, stands, racks, or accessories that are not approved by EMMO. The use of non-original components or spare parts can jeopardize the safety of your Vehicle, void your warranty, and, in some cases, cause your Vehicle to not conform with applicable laws.
- Any unauthorized modifications (to the electrical system, controller, battery, or structural components) may compromise safety. **Such modifications void the warranty and are performed at the rider's sole risk.**

WARNING!: Extreme Riding

- Vehicles and components are NOT designed for extreme use such as jumps, stunts, or riding beyond your ability.
- Extreme riding may cause component failure, severe injury, or death.

Final Note:

- Always ride responsibly, maintain the Vehicle regularly, and replace components when necessary.
- The rider assumes all risks associated with operating this Vehicle.
- For questions or concerns, contact your authorized EMMO dealer or EMMO Customer Support.

E-bike MTO Label

**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

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

* 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)

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.

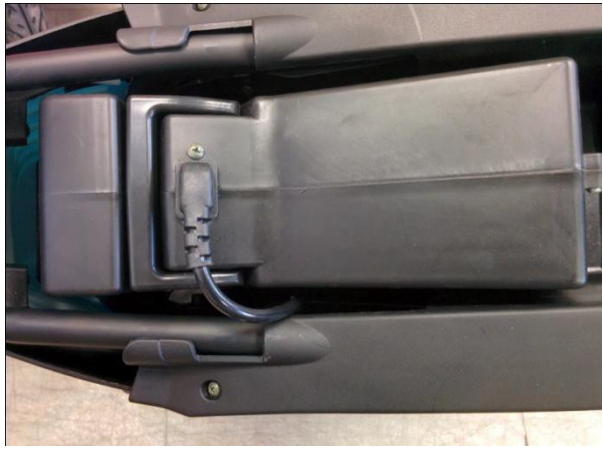
4. Unplug the charger from the power outlet.
5. Unplug the charger from the battery/bike.
6. Charging period is between 3-8 (3-6 for Lithium).

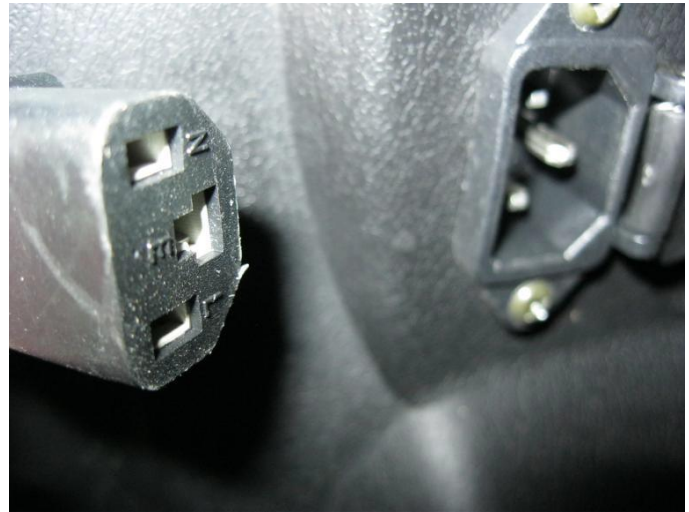
Note: The charger light must be red when both plugs are plugged in. It will always turn red first if the bike has been used. It will turn green after it is fully charged.

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

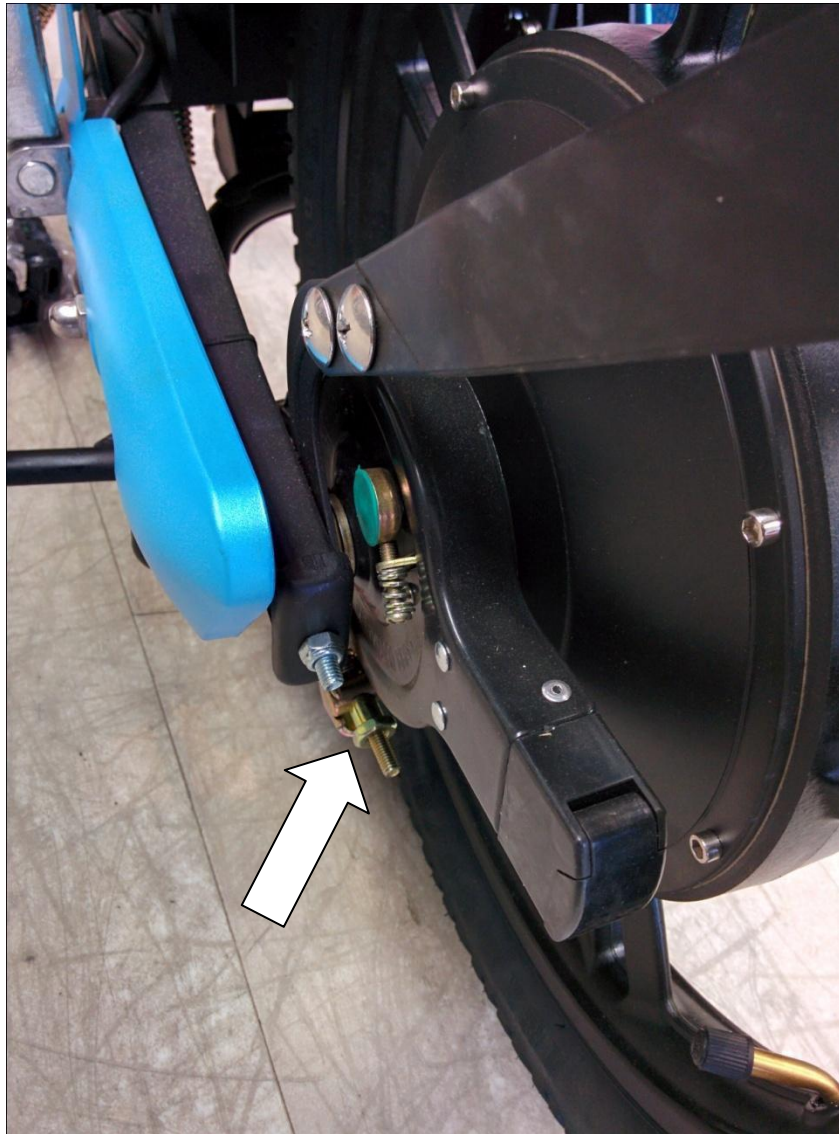
The recommended air pressure for the tires is 35-40 psi. Check the tire pressure once a month. Please note that the wheel is composed of two parts: the tire itself and the tube within.

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

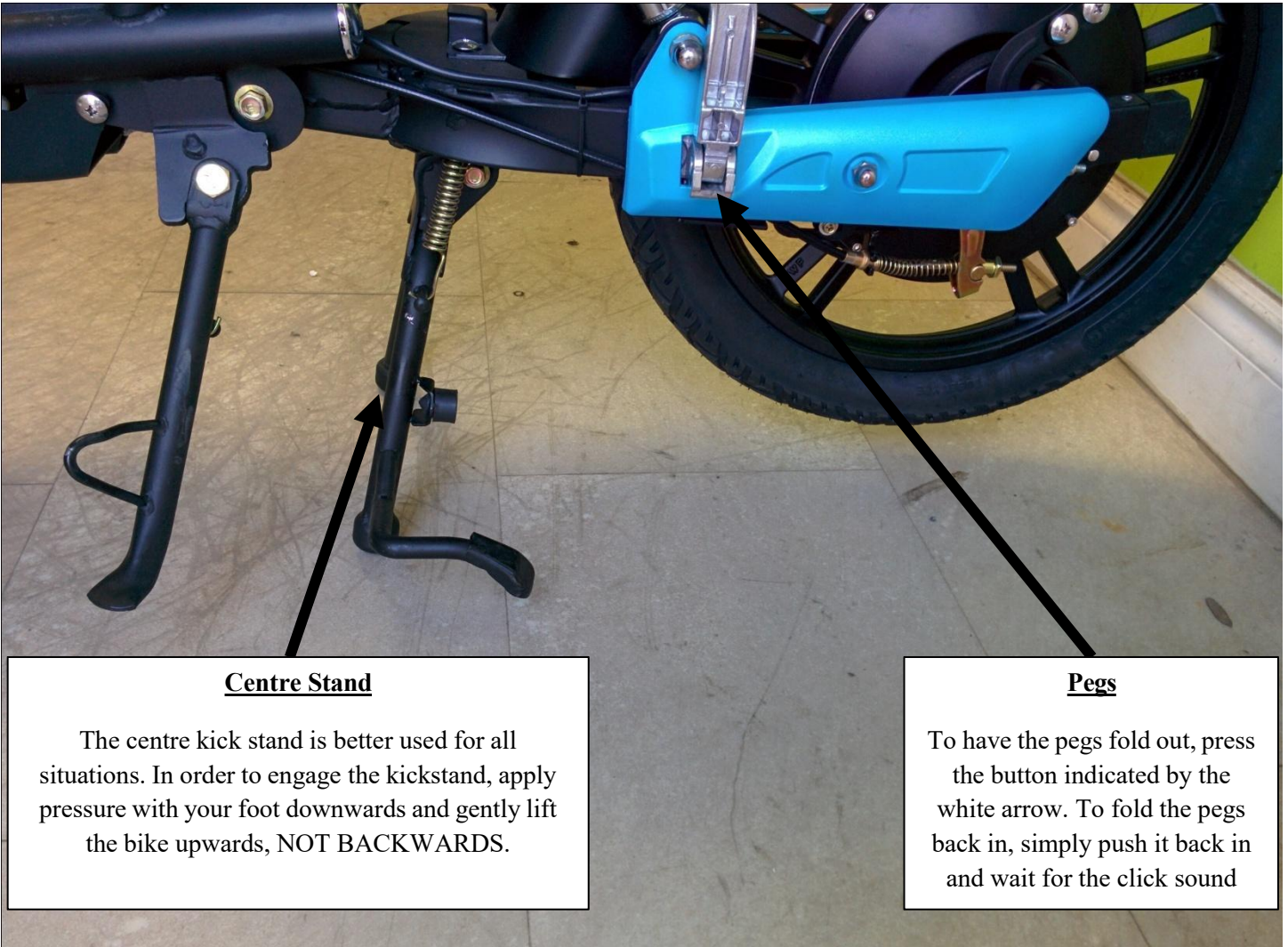
Note: Please make sure that both front and back brake are not over tightened after adjustments.

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

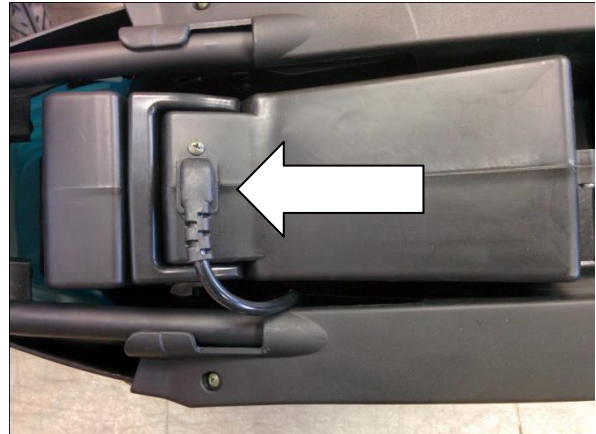
The centre kick stand is better used for all situations. In order to engage the kickstand, apply pressure with your foot downwards and gently lift the bike upwards, NOT BACKWARDS.

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!

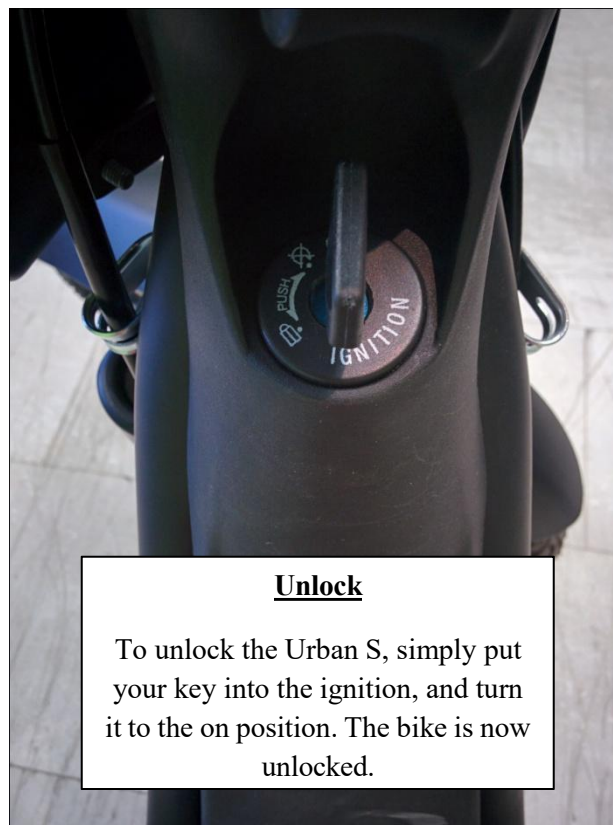
Do not turn on the bike without sitting on it first, otherwise you will risk touching the throttle by accident and having it run off by itself.

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



Alarm

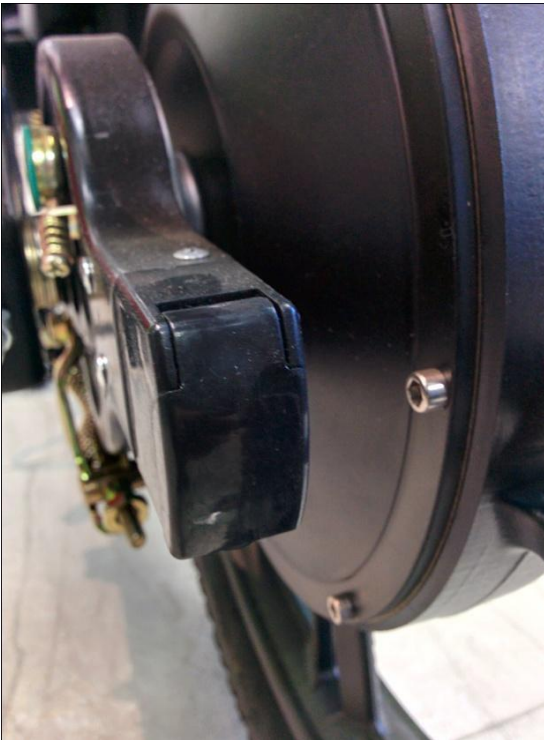
To use the alarm on the Urban S, you must insert your key into the ignition, and make sure it is in the off position. Then push the red button (Indicated by white arrow) on the right side handle bar to arm the bike.



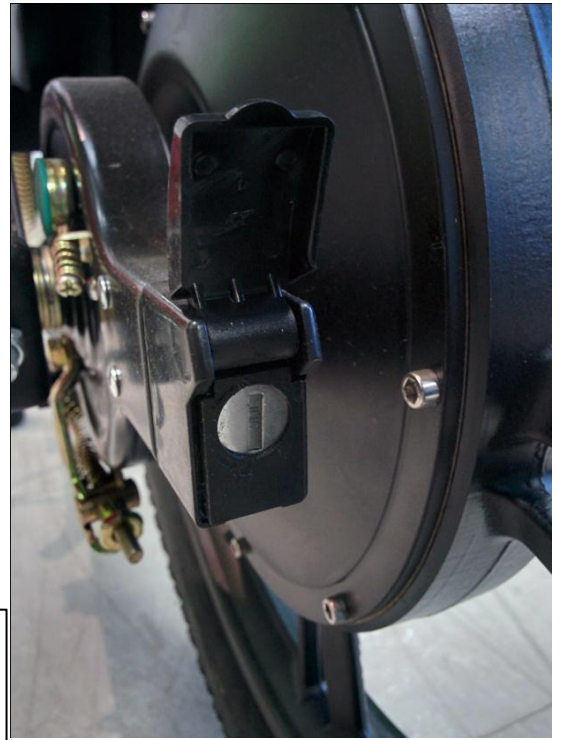
Unlock

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.



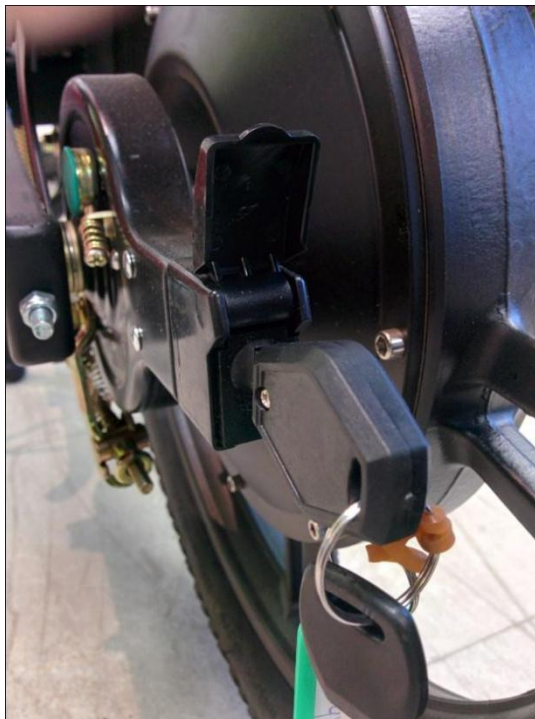
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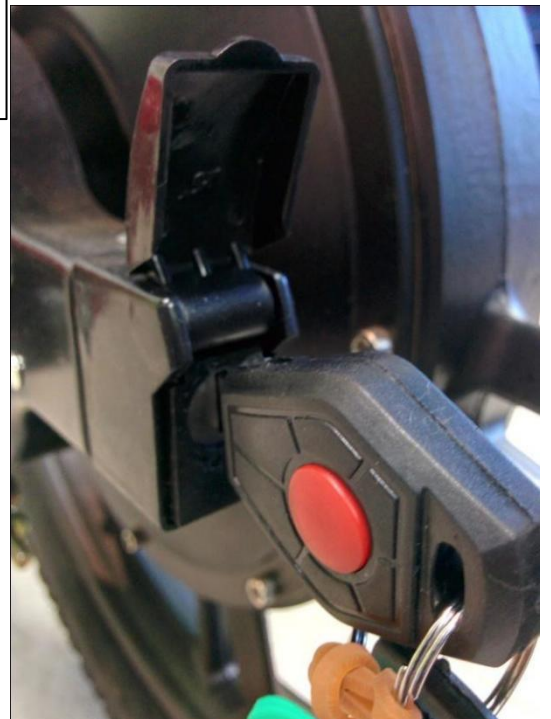
Motor Lock

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

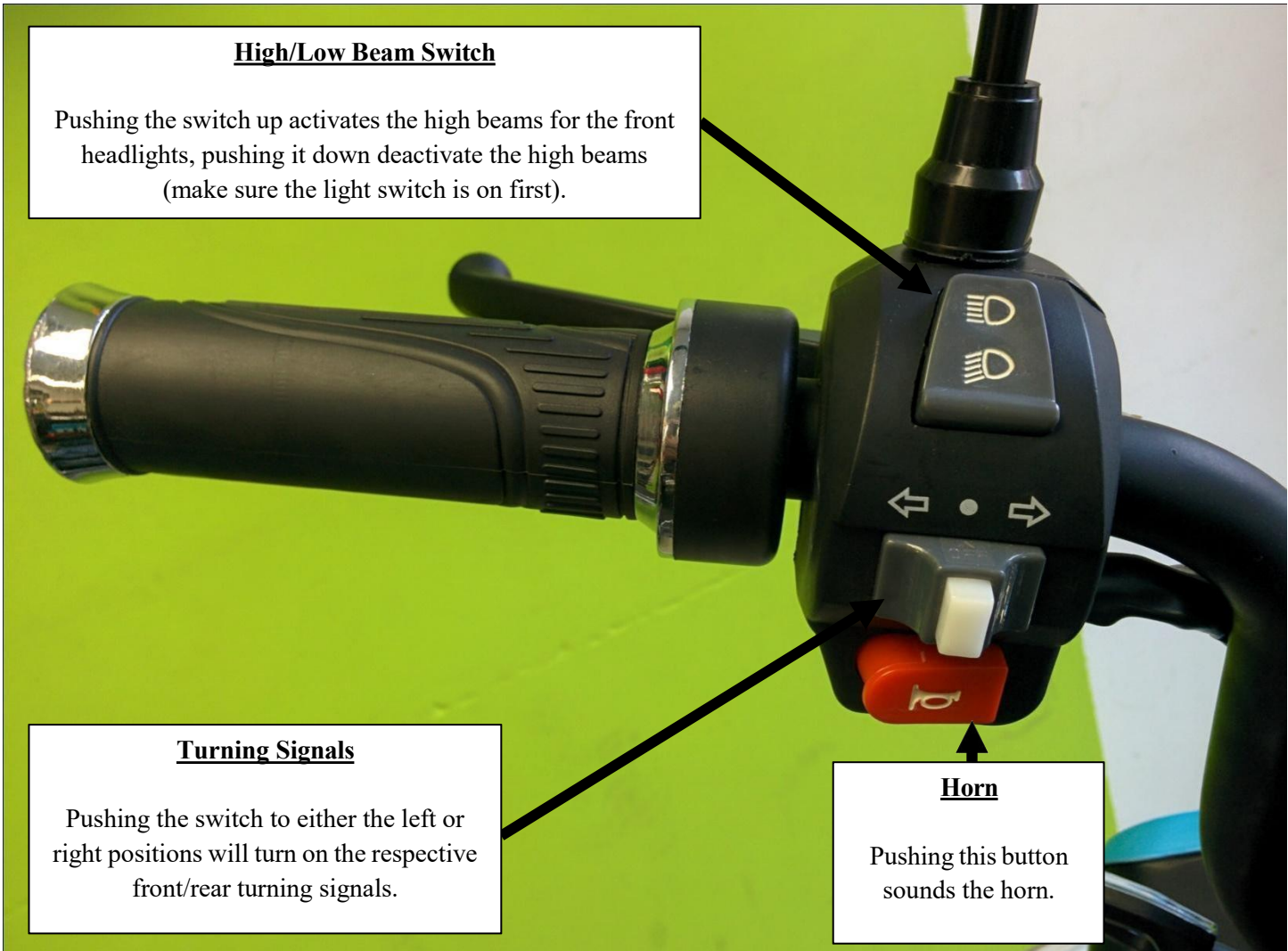
Pushing the switch up activates the high beams for the front headlights, pushing it down deactivate the high beams (make sure the light switch is on first).

Turning Signals

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

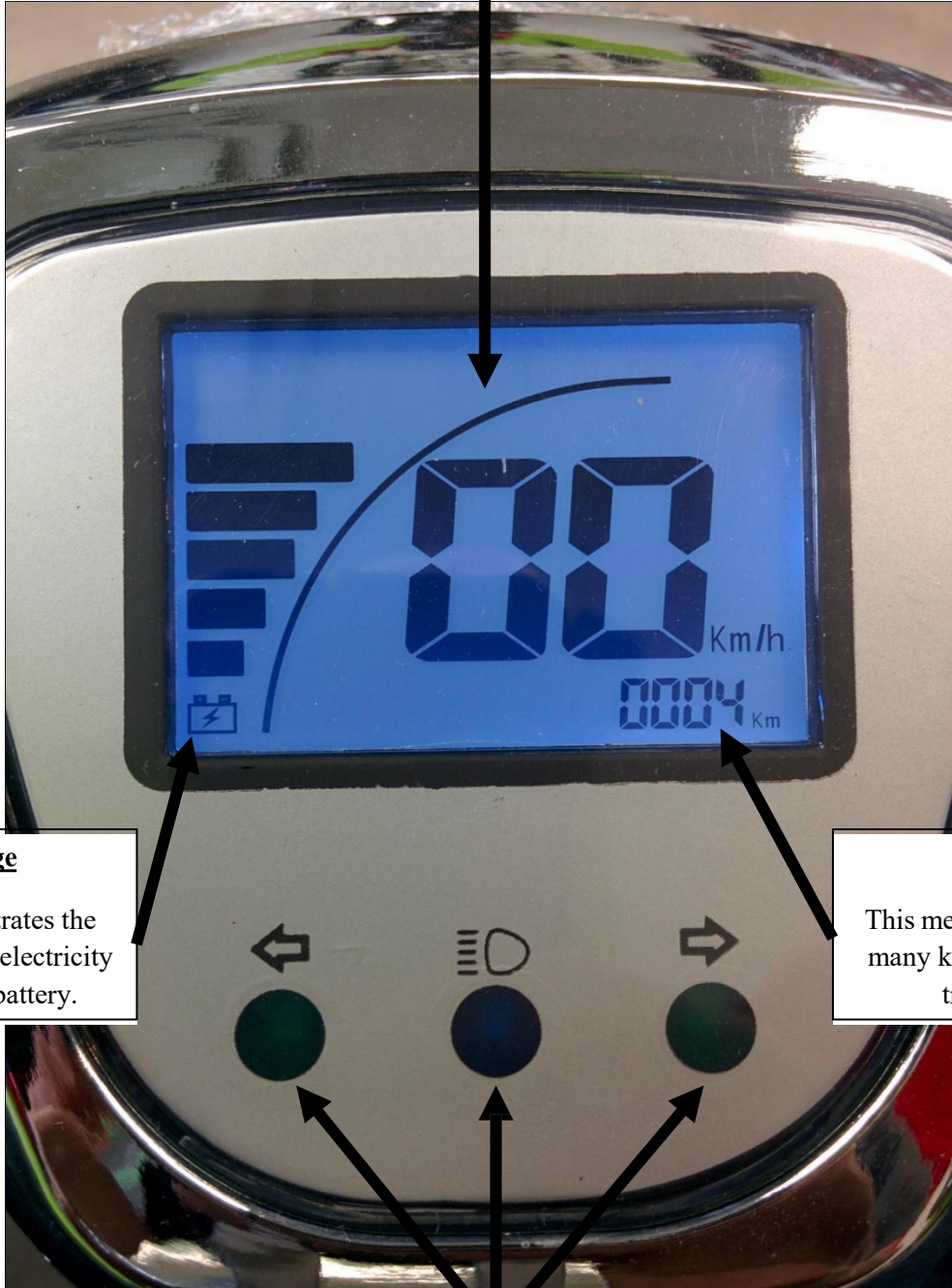
Horn

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

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

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

Thank you for Choosing



Connect With Us!

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

Official Website: www.emmo.ca



www.facebook.com/EmmoCanada



info@emmo.ca

Any laws/regulations regarding “E-bikes” can be found on the Ministry of Transportation website:

www.mto.gov.on.ca

If you have further questions, please contact us at:

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Email: info@emmo.ca