

EMMO DX

OWNER'S MANUAL



Preface

An Important Message From EMMO

Thank you for choosing EMMO. Congratulations on your purchase of a new DX.

This document is intended as a short introduction to your new e-bike. It contains essential safety, performance and service information. Please read and understand this manual fully before assembling and riding your bike. Be sure to watch the official Emmo DX assembly video available at <https://emmo.ca/pages/e-bike-assembly-guide>.

Additional information about your bike can be found on our website at www.emmo.ca.

Be sure to check all hardware for correct torque during assembly.

Illustrations

Illustrations shown in this document may differ in detail from the exact configuration on your particular e-bike model. The illustrations are a general reference for instruction and description purposes only.

Service & Support

If you have questions after reading this manual and watching the assembly video, please feel free to contact us.

E-mail: service@emmo.ca

Toll Free: 1-888-217-1217

Find Emmo dealers near you: <https://emmo.ca/pages/locations>

Content

About This Manual	6
About EMMO	7
Rules and Regulations	8
Safety Disclaimer	11
Description	13
Schematic Diagram	13
Side View	13
Handlebar Attachments	14
Geometry	15
Specifications	16
Spedometer	17
Operation Guide	19
How to turn on the bike	19
Key Ignition	19
Remote	22

Seat	23
Circuit Breaker	27
Right Switches	28
Left Switches	29
Throttle	30
How to Charge	31
Lead Acid Charger	31
Lithium Charger	37
Charging Precautions	46
Battery	47
How to switch between 2 batteries for Dual Lithium version	48
Battery Safety Precautions	50
Disposal	51
Storage & Maintenance	52
Multimedia Controls	53
Kickstand & Centre Stand	54
Pedal	55

Passenger Footpeg	56
Rear View Mirrors	57
Light & Signals.....	59
Cleaning / Lubricating the Chain.....	61
Adjusting the Brake	62
Tire Pressure	63
Serial Number	65
Frame Number.....	65
Motor Number	66
Troubleshooting	67
Riding Guide	69
Leave us a Review	74
Contact Us	75

About This Manual

This document is intended as a short introduction to your new e-bike. It 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. Pay special attention to the safety messages as shown here, and keep the manual handy for future reference.



WARNING: Warning about a situation that can cause death, serious physical injury and or heavy material damage if one does not obey the safety instructions.



DANGER: Danger statement indicates a hazardous situation that, if not avoided, has a very high risk of death, serious injury, or property damage.



CAUTION: Caution statement indicates a hazardous situation that, if not avoided, could result in minor or moderate injury or property damage.



NOTICE: Notice is important information that can help you avoid bike/property damage or extend the life of parts and the bike.

About EMMO

Emmo is a proud Canadian company based in Toronto, Ontario. As the leading manufacturer of electric bikes, Emmo has provided over 500,000 people with environmentally-friendly transportation throughout North America. We believe that electric mobility for everyone is a big step in moving towards a zero-emission future.

Since 2009, Emmo has offered a large selection of electric mobility options for commuting and recreation. With our diversity of products, we create high-quality options to accommodate everyone's needs with an emphasis on reducing their carbon footprint. The past decade has proven that Emmo e-bikes are not only a sustainable method of transportation, but that they also push the limits of conventional bikes –to take you further, with less effort and more fun.

Driven by our vision of inspiring more people to lead a greener lifestyle, Emmo strives to give our riders' the best experience possible. Our in-house research and development spans two continents. Our e-bikes are designed in North America and undergo rigorous testing at our state-of-the-art facilities. Throughout this process, every facet of this complex supply chain is vigorously scrutinized to ensure the end product arrives in flawless condition at our four distribution centers in North America. We continue to be at the forefront of the e-bike industry. With over 100 retailers, Emmo is never too far away.

For over 13 years, our strong commitment to design and innovation has resulted in every Emmo product encompassing the latest technology. Our e-bikes exclusively use programmable sine-wave BLDC controllers, allowing higher performance, longer range and enhanced reliability in all conditions. Backed by our comprehensive warranty, we ensure riders are confident in the purchase of their Emmo.

Emmo believes that a greener future is not only possible, it's necessary, and we want to do our part to build greener communities by making e-bikes more accessible.

Rules and Regulations

According to **Canada's Motor Vehicle Safety Regulations (MVSRR)**, a qualified e-bike (defined as a Power Assist Bicycle) must meet the following requirements:

- **The e-bike must have operational pedals**
- **Upper wattage limit for the motor is 500W**
- **Maximum speed of an e-bike is 32km/h.**

Other requirements include a permanently affixed compliance label from the manufacturer stating that the vehicle is a power-assisted bicycle under statutory requirements in force at the time of manufacture. Currently, there is no license, no insurance, and no vehicle registration required to operate a qualified e-bike according to federal legislation. E-Bike riders share the same rights and responsibilities as other road users.

However, provinces and local municipalities have the power to restrict the use of e-bikes. Most provinces require the rider to wear a helmet. Some provinces have special requirements with regard to the age limit to operate an e-bike, the type of helmet required, even the number of wheels and wheel size. In Ontario, typically, e-bikes are generally treated the same as regular bicycles. According to the Ministry of Transportation of Ontario (MTO), the age limit to operate an e-bike is 16 years old and above; the maximum weight of the bike is 120 kilograms (265 pounds); the bike must have a brake distance of less than 9 meters; Any modifications made to the bike's motor to create speeds greater than 32km/h are prohibited.

The rules and regulations are subject to changes in different provinces and municipalities. Please check your municipal bylaw and see where you stand.

Rules and Regulations

Useful links:

E-Bike Regulations in Ontario:

<https://www.ontario.ca/page/riding-e-bike>

E-Bike Regulations in British Columbia:

https://www.bclaws.gov.bc.ca/civix/document/id/complete/statreg/151_2002

E-Bike Regulations in Alberta:

<http://www.transportation.alberta.ca/content/doctype45/production/mopedpowerbikes.pdf>

E-Bike Regulations in Manitoba:

<https://web2.gov.mb.ca/laws/statutes/ccsm/h060e.php>

E-Bike Regulations in Saskatchewan:

https://www.sgi.sk.ca/motorcycle/-/knowledge_base/motorcycle-handbook/power-assisted-bicycles1

E-Bike Regulations in Quebec:

<https://saaq.gouv.qc.ca/en/road-safety/modes-transportation/electric-bike>

E-Bike Regulations in New Brunswick:

https://www2.gnb.ca/content/gnb/en/services/services_renderer.200814.Motor_Vehicle_Registration.html

E-Bike Regulations in Nova Scotia:

<https://novascotia.ca/just/regulations/regs/mv18786.htm>

E-Bike Regulations in Prince Edward Island:

<https://www.princeedwardisland.ca/en/information/transportation-and-infrastructure/power-assisted-bicycles>

Know and obey all relevant local laws

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.

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.

 **WARNING:** Ensure the bike fits you properly before use. You might lose control if the bike is too small or too big for you.

By choosing to ride an electric bicycle you assume the responsibility for the risk of riding an e-bike. The rider is responsible to know and practice the rules of safe and responsible riding, as well as proper use and maintenance of the bicycle.

 **WARNING:** Riders must have the physical condition, reaction time and mental capability to ride and manage traffic, road conditions, and sudden situations. Riders should also familiarize themselves on local bylaws regarding riding an e-bike.

If you have an impairment, hearing impairment, physical impairment, cognitive language impairment, or a seizure disorder, consult your physician before riding any bicycle.

 **WARNING:** Failure to confirm proper installation, compatibility, proper operation or maintenance of any component or accessory can result in serious injury or death. Make sure that correct setup, tightening and torquing to recommended torque values have been completed on your bike.

 **CAUTION:** Before the first ride, familiarize yourself with all the bicycle features. Practice and become proficient at applying the brakes, using the throttle in a controlled setting before riding in more risky conditions. If you plan to ride at night, familiarize yourself with the lights and signals.

 **WARNING:** Please make sure the bike works properly and safely before each ride or (inspect key components, including but not limited to the brakes, brake sensors, throttle). Make sure all the hardware, such as the handle bar, hand grips, seat, pedals are secured in place. Have your bike inspected by a licensed mechanic on a regular basis depending on the condition of the bike.

 **DANGER:** **DO NOT** use this product with standard bike trailers, stands, vehicle racks, or accessories that have not been tested for safety and compatibility and verified as safe and compatible with the bike by EMMO. Contact us if you have any question or concern.

 **WARNING:** E-Bikes and e-bike parts have strength and integrity limitations. Extreme riding should not be performed or you will risk damaging the components or becoming seriously injured or killed. This includes but not limited to jumps, stunts, or any riding that exceeds your capabilities.

 **WARNING:**

- Keep the battery away from children and pets.
- Keep the battery & charger away from water and open fire.
- **DO NOT** drop or subject the battery & charger to any big shocks.
- Charge the battery only with the charger that was supplied with the e-bike or supplied by an official EMMO dealer.

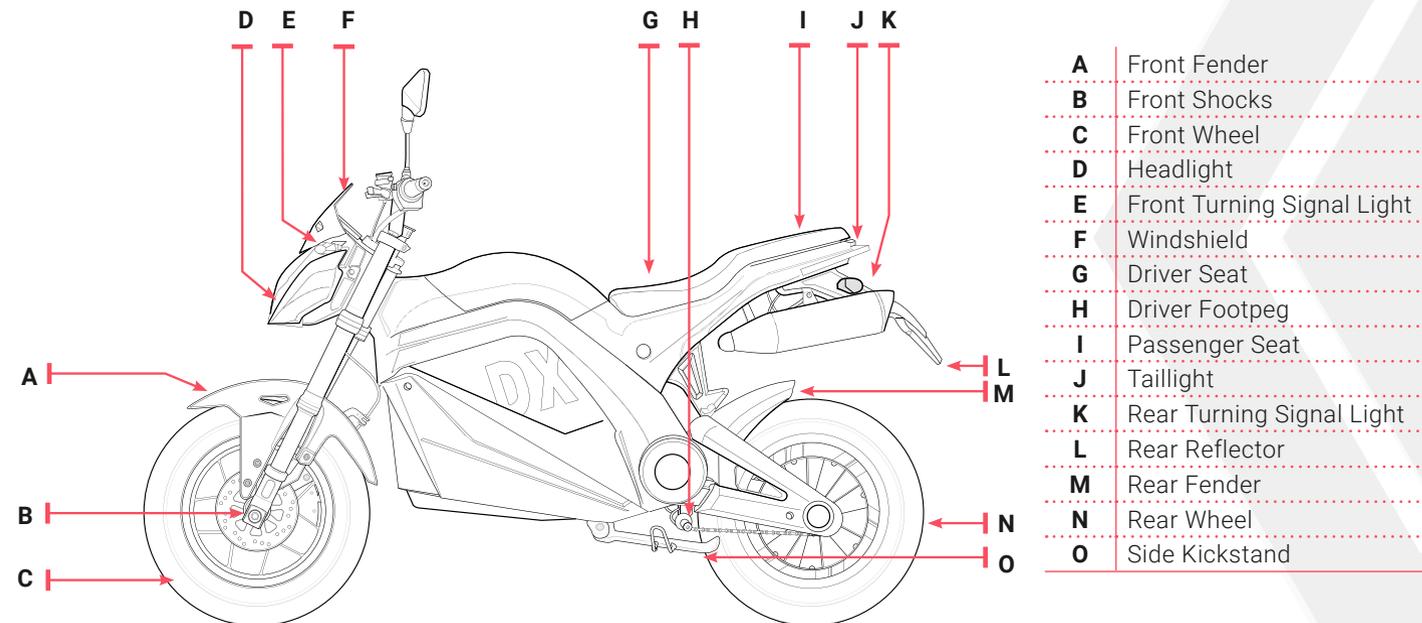
- **DO NOT** use the battery & charger for other purposes.
- Never connect the battery's terminals with each other.
- **DO NOT** cover the battery & charger or place objects on top of it during charging.
- **DO NOT** leave the battery & charger unattended while charging.
- Disconnect the charger and the battery immediately if you notice a strange smell or smoke.
- In the unlikely case that the battery is on fire: NEVER try to put the fire out with water. Cover the fire with large amounts of sand and call emergency services immediately.

In no event shall EMMO be responsible for any direct, indirect or consequential damages, including without limitation, personal injury, property damage, or economic losses, whether based on contract, warranty, negligence, or product liability.

Description

1. Schematic Diagram

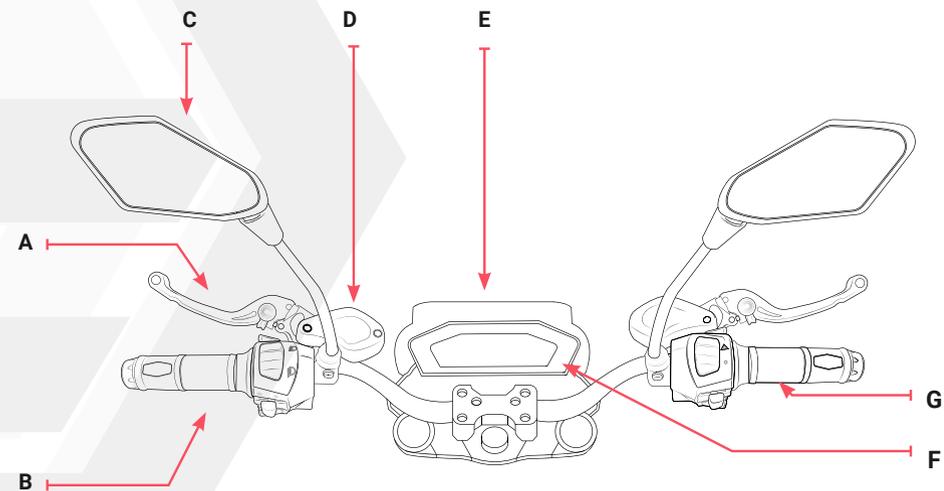
a. Side View



Description

1. Schematic Diagram

b. Handlebar Attachments

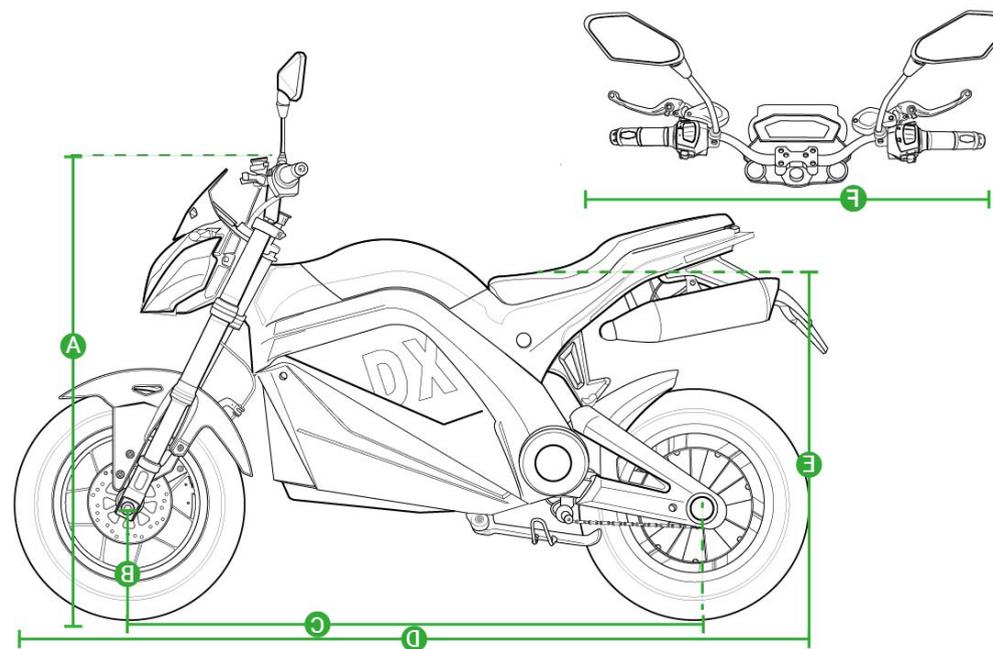


A	Brake Lever
B	Left Grip
C	View Mirrors
D	Brake Fluid Tank
E	Windsheid
F	Speedometer
G	Throttle

Description

1. Schematic Diagram

c. Geometry



Description

1. Schematic Diagram

d. Specifications

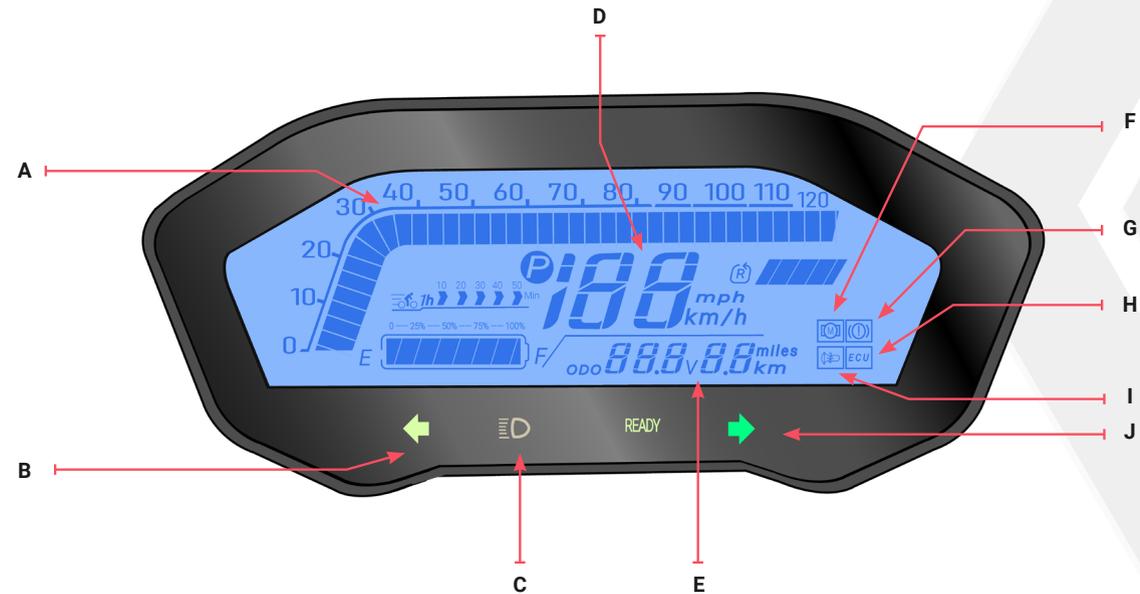
GEOMETRY

Height	41" / 104 cm
Clearance Height	10" / 25 cm
Wheel Base	54" / 136 cm
Length	75" / 191 cm
Seat Height	32" / 81 cm
Width	31" / 79 cm

Description

1. Schematic Diagram

e. Speedometer



Description

1. Schematic Diagram

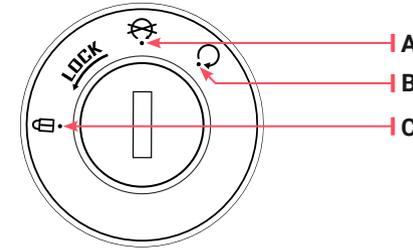
e. Speedometer

A	Battery Strength Indicator	Indicates the current battery strength. (Note: the accurate battery level is shown at full throttle instead of when the bike is still.)
B	Left Turning Signal	Flashes when the left turning signal is turned on. This arrow remains flashing until the turning signal is canceled.
C	High Beam Indicator	This high beam indicator lights up when the headlight high beam is turned on. It remains on until the high beam is turned off.
D	Current Speed	Indicates the real-time speed of the bike.
E	Odometer	Total travel distance of the bike (can not be reset).
F	Motor Failure	The motor is out of order
G	Brake Sensor Failure	Brake is applied (brake sensor is activated) / Brake sensor failure.
H	Controller Failure	The controller is out of order.
I	Throttle Failure	The throttle is out of order.
J	Right Turning Signal	Flashes when the right turning signal is turned on. This arrow remains flashing until the turning signal is canceled.

Operation Guide

2. How to Turn on the Bike

a. Key Ignition



A	Power Off
B	Power On
C	Steering Lock (push)

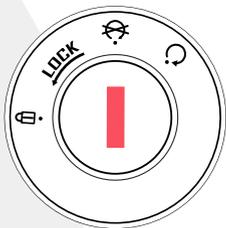
This is a three-position switch that is located on the body:

- Power Off
- Power On
- Steering Lock

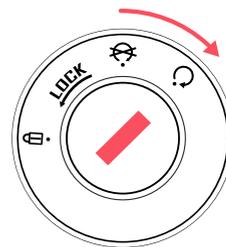
Operation Guide

2. How to Turn on the Bike

a. Key Ignition



POWER OFF



POWER ON

To turn on the bike:

- Insert the key.
- Follow the marking on the ignition, turn the key to the right to turn on the bike.

Operation Guide

2. How to Turn on the Bike

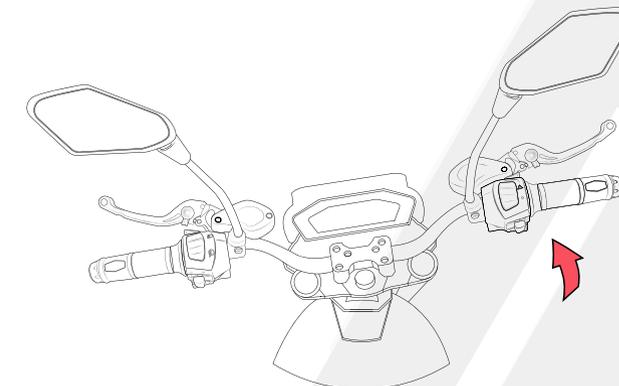
a. Key Ignition

To lock the steering:

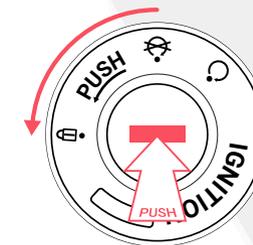
- Turn the ignition off.
- Turn the handlebar all the way to the left.
- Follow the marking on the ignition, push the key in and turn the key anti-clockwise.
- Remove the key.
- Ensure the steering is locked.

To unlock the steering:

- Insert the key
- Push the key in and turn it clockwise
- When unlocked, the steering can be turned freely.



TURN THE HANDLEBAR
TO THE LEFT

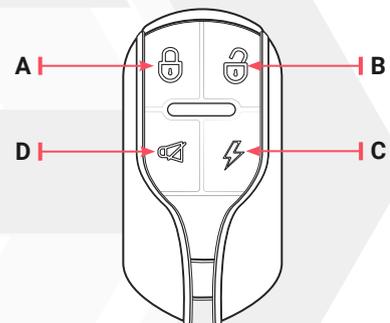


LOCK THE
STEERING

Operation Guide

2. How to Turn on the Bike

b. Remote



A	Lock Button	Press the button once to activate the anti-theft alarm system.
B	Unlock/Cancel Button	Press the button once to cancel the alarm or to turn off the bike if the bike is turned on with the remote.
C	Power Button	Press the power button twice to turn on the bike with the remote.
D	Panic Button	Press it once, the bike will sound 5 times.

! NOTICE:

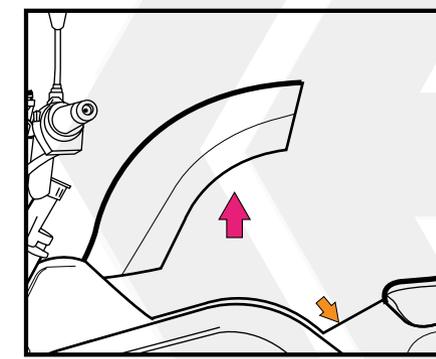
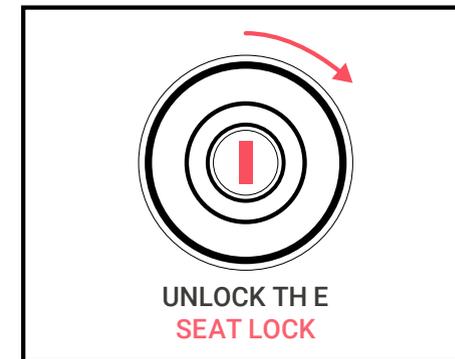
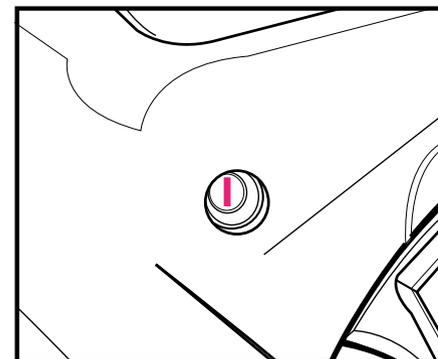
- By holding the unlock button, you can adjust the sensitivity of the alarm. 1 'beep' means least sensitive, while 5 'beep's means most sensitive. (This function may not be available in bikes sold in certain areas.)
- If the alarm system is on, please cancel the alarm before you turn on the bike.

Operation Guide

2. How to Turn on the Bike

c. Seat

How to Open the seat



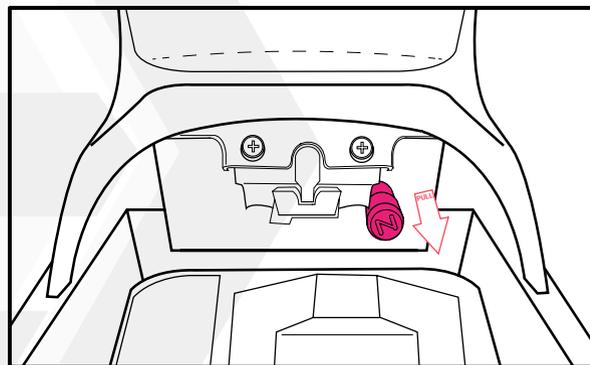
- I. To access the passenger seat, first unlock the gas tank storage. The lock is located on the left side of the bike, below the passenger seat.
- II. Insert the key and unlock the passenger seat lock by turning the key clockwise.
- III. Open the gas tank storage to access the seat release mechanism, which is located inside of the storage compartment.

Operation Guide

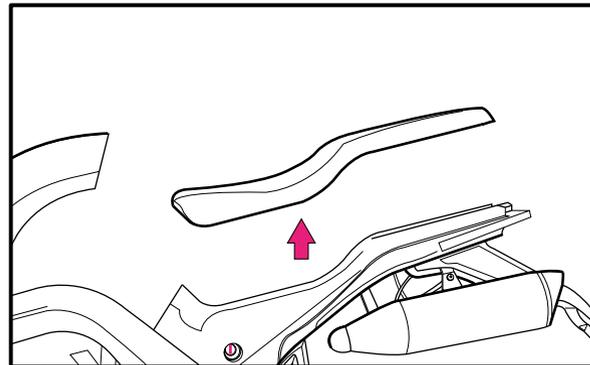
2. How to Turn on the Bike

c. Seat

How to Open the seat



I. Pull the seat release mechanism towards.



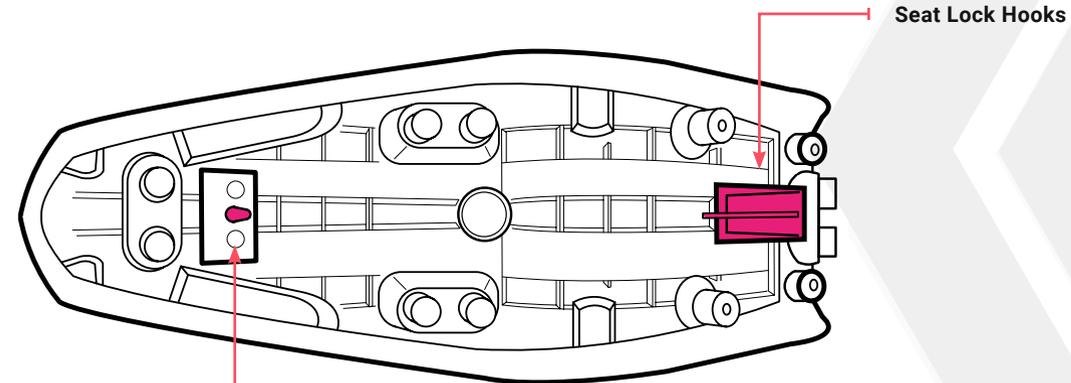
II. Open the seat gently.

Operation Guide

2. How to Turn on the Bike

c. Seat

How to Close the seat



Seat Lock Pin

Seat Lock Hooks

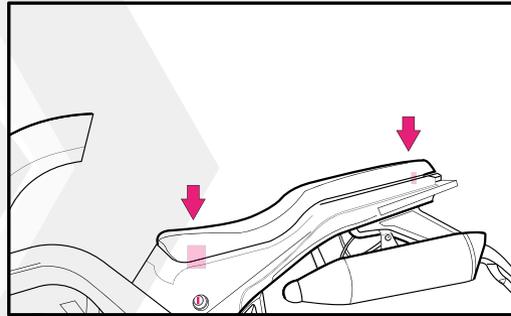
Back side of passenger seat

Operation Guide

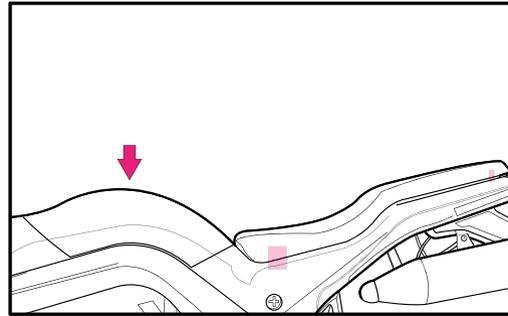
2. How to Turn on the Bike

c. Seat

How to lose the seat



Match the seat hooks and seat pin,
push to lock the seat



Push to lock the seat storage

- There are two lock hooks located on the bottom of the seat cushion.
- Make sure the two hooks are inserted in the hook catches.
- Gently push the seat cushion down at the position of the seat lock pin.
- Make sure the seat is locked properly.
- Close the seat storage.

Operation Guide

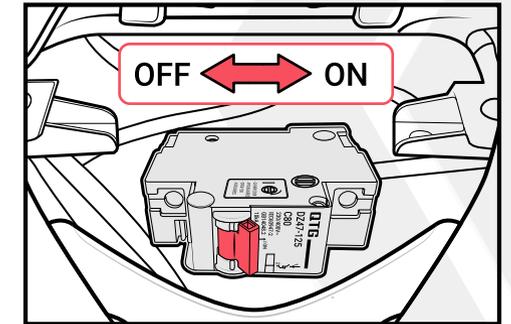
2. How to Turn on the Bike

d. Circuit Breaker

Located in the compartment under the seat, the circuit breaker is the main switch of the bike. When it is turned off, the battery will be disconnected from the system and you will not be able to use the bike, nor will you be able to charge the bike.

Turn on the Circuit Breaker:

- Open the seat .
- Locate the circuit breaker near the seat lock catch.
- Follow the marking on the circuit breaker to turn on/off the circuit breaker.
- Close the seat.

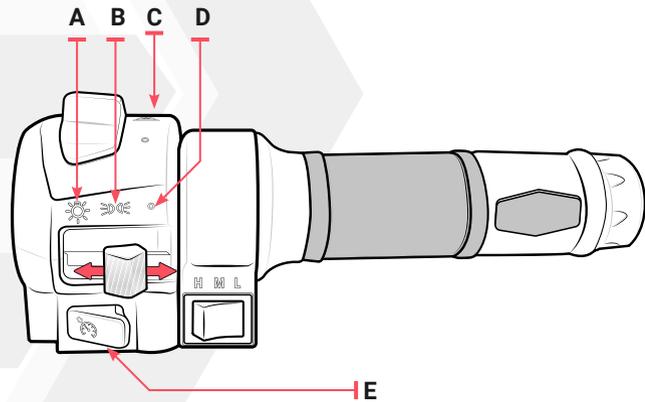


WARNING: The wires inserted into the circuit breaker could have high voltage output. **DO NOT** touch any bare wires. If you have any concern, contact your EMMO dealer for assistance.

Operation Guide

3. Right Switches

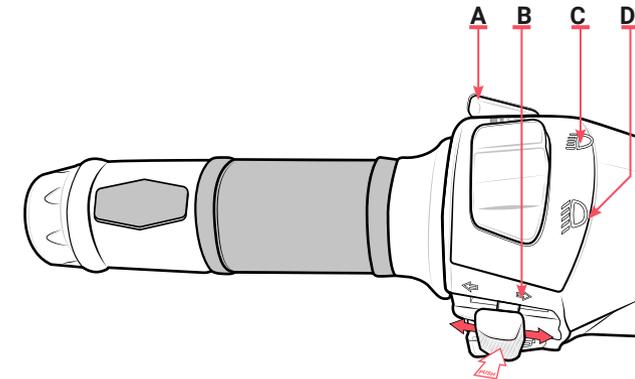
The switch housing on the handlebar hold these switches that control the lights, signals, horn and etc..



A	Lights	• (Off)	Slide the lever to toggle between different lighting modes.
		☀️ (Daytime Running Light)	
		☀️ (Headlight)	
B	Cruise Control	🚦	Press once to turn on cruise control at current speed. Press again to turn off.
C	Parking Brake	P	Press once to engage or disengage the parking brake.

Operation Guide

4. Left Switches

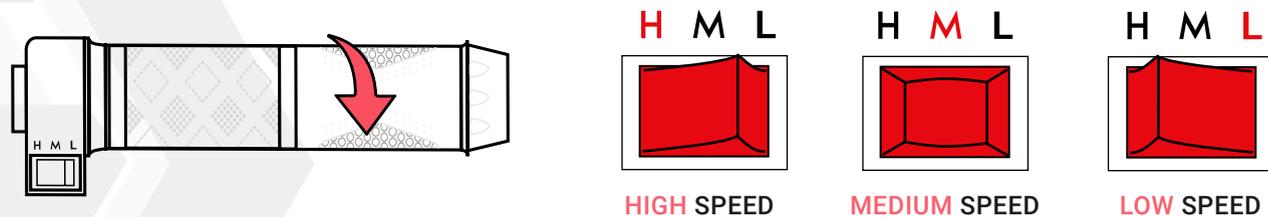


A	←	Left Turning Signal	Slide the switch to the left to activate. Slide to the center to cancel.
B	→	Right Turning Signal	Slide the switch to the right to activate. Slide to the center to cancel.
C	📣	Horn	Press the button to sound the horn.
D	☞☞	High Beam & Low Beam	Press the button to toggle between high beam and low beam.

Operation Guide

5. Throttle

The throttle controls the speed of the e-bike. As shown below, twist the throttle towards you to operate.



- Twist the throttle towards yourself to go.
- Use the speed mode Switch to toggle between the speed settings. (High/Mid/Low)

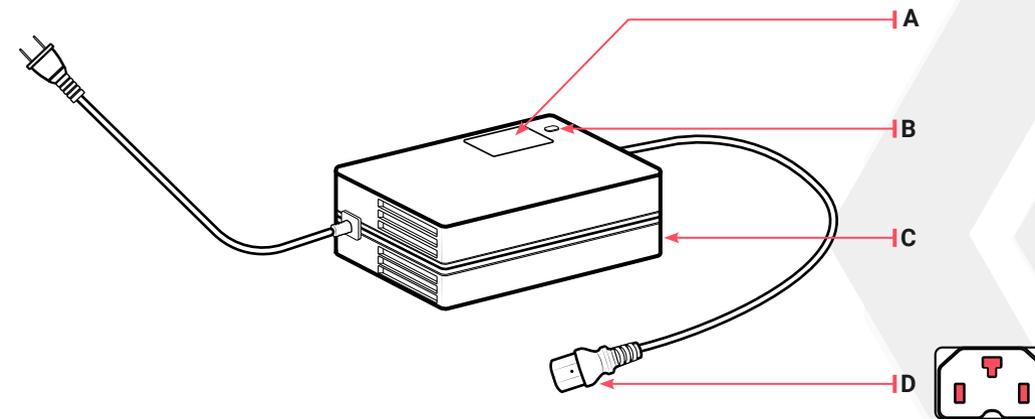


WARNING: DO NOT turn the throttle if you are not ready to ride.

Operation Guide

6. How to charge

a. Lead Acid Charger



A	Front Label
B	Charging Indicator
C	Charger Specification Label
D	Charging Plug

Operation Guide

6. How to charge

a. Lead Acid Charger

On the charger, there is a sticker on the front indicating the voltage and capacity of the battery that the charger can be used for.



The bike is 72V.

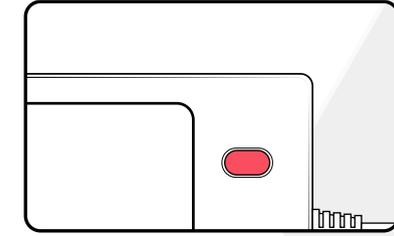
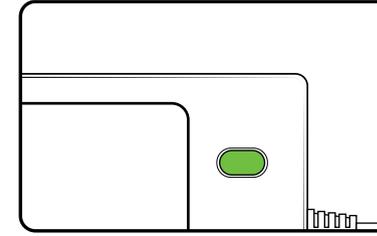
The battery capacity is 20 ampere Hour.

! NOTICE: Specifications of the charge may vary for different battery options.

Operation Guide

6. How to charge

a. Lead Acid Charger



Charging Indicator Explanation:

- During normal charging, red light keeps on.
- The indicator will turn green when the battery is fully charged.

! NOTICE: If the charger gets warm during regular use, this is a normal response and is no cause for concern.

Operation Guide

6. How to charge

a. Lead Acid Charger

Charger Specification Label

XCH - 7220 CHARGER

Be Suitable For 72v20ah Lead Acid Battery
Input: 110V AC 50/60HZ,2A
Output: 88.0V DC 2.6-3.0A



User Guide

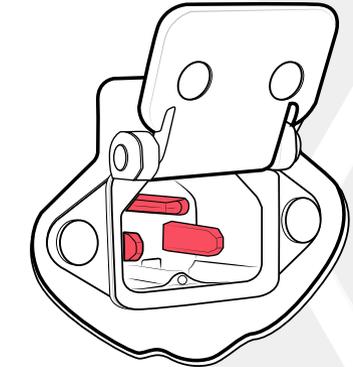
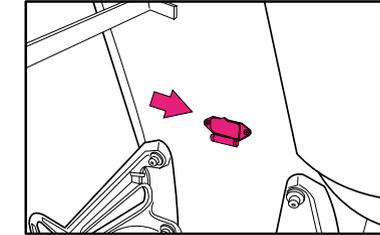
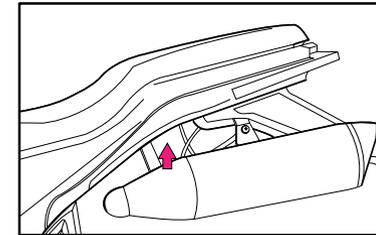
1. First of all please check whether the battery is suitable for the charger .whether positive and negative could match or not. Otherwise, When you use the charger , please connect the charge r.
2. During charging, indicat or light is red, When the battery is full, the indicat or light is green .
3. Charging finished, you must unplug the power and then unplug the output plug .
4. Charging Time: 4 to 10 hours (depending on the capacity of battery).

 **WARNING**

1. There is high vottage power, dangerous! Unauthorized disassembly is forbidden and wet hand could not be t ouch with power plug. Otherwise, please dorft use it in the environment or moist, inflammable gas and explosive atmosphere.
2. Please don 't inser t any metal in to the charge r, and st ore in a dry warehouse, and keep fr om rain.
3. During charging, keep open or ventilation .
4. If the charging time is over 36 hours or it is unwatched, please shut ofe th power immediatly.
5. Avioid carrng the charger at all times, because violent vib rations will damage the charger .
6. If the charger is failed, please contact the supplier immediat y.
7. If the indicator light is still red, not green light, after 12 hours charging, please add supplementary acid for battery immediat y.

Operation Guide

6. How to charge

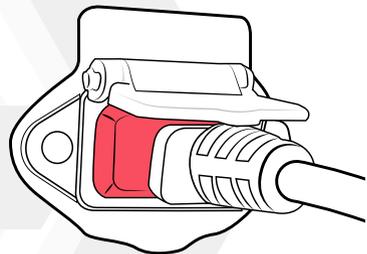


STEP 1. The charging port is located underneath the passenger seat.

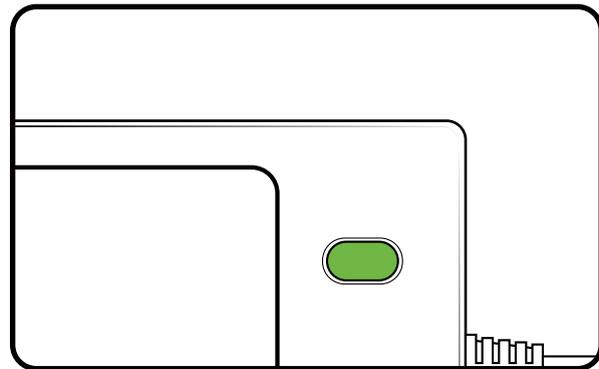
STEP 2. Open the charging port lid and plug in the chatger.

Operation Guide

6. How to charge



STEP 3. Plug in the charger and plug the charger into a regular 10V wall outlet.

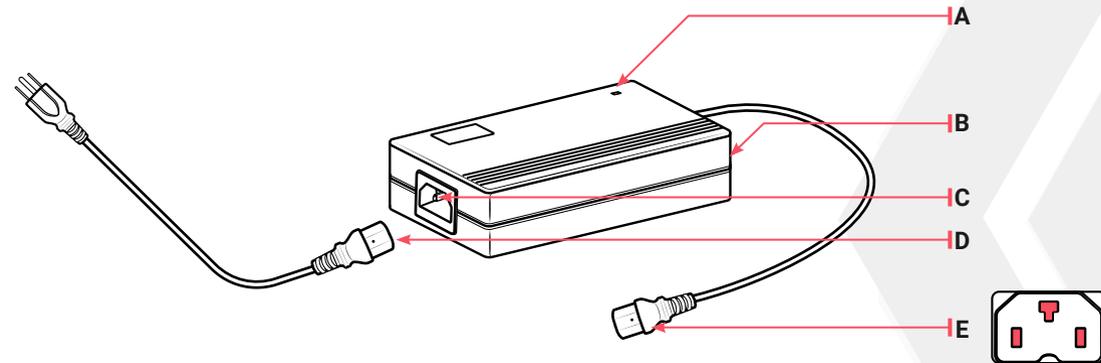


STEP 4. Once fully charged*, unplug the charger from the wall outlet first and then unplug it from the bike.

Operation Guide

6. How to charge

b. Lithium Charger



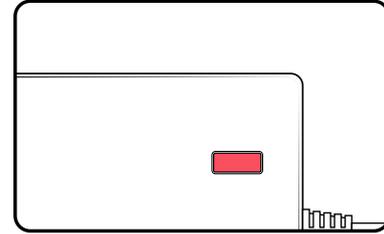
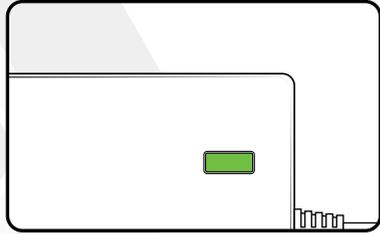
A	Charging Indicator
B	Charger Specification Label
C	Power Cord Socket
D	Power Cord
E	Charging Plug

Operation Guide

6. How to charge

b. Lithium Charger

A. Charging Indicator



Charging Indicator Explanation:

- During normal charging, red light keeps on.
- The indicator will turn green when the battery is fully charged.

! NOTICE: If the charger gets warm during regular use, this is a normal response and is no cause for concern.

Operation Guide

6. How to charge

b. Lithium Charger

B. Charger Specification Label

Battery Charger

SATS MODEL: SSLC300V84
INPUT: AC120V~3.0A 60Hz
OUTPUT: 84.0V \pm 3.0

CAUTION: -Indoor use only. Charger only. 84V battery type rechargeable batteries. Other types of batteries may burst causing personal injury and damage. Risk of explosive. Read instructions 1 before using charger.

ATTENTION
- l'intérieur seulement, la charge que 84V battery type de piles rechargeables. d'autres types de piles peut éclater et causer des dommages corporels. Risque d'explosion Lire les instructions 1 avant d'utiliser le chargeur 0-30 °C

DANGER: Risk of electric shock. Do not touch uninsulated portion of output connector or uninsulated battery terminal

DANGER: Risque de chocs électriques. Ne pas toucher les parties non isolées du connecteur de sortie ou les bornes non isolées de l'accumulateur.

RED: CHARGING
GREEN: CHARGE-FULL OR DISCONNECT

Icons: Home, No Smoking, FC, TUV Rheinland, T6 3A250V, and battery symbols.

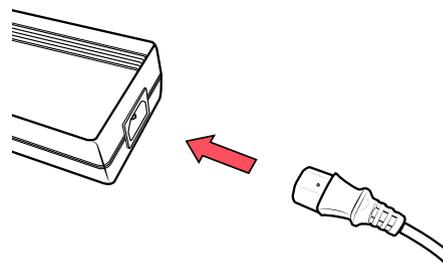
Operation Guide

6. How to charge

b. Lithium Charger

C. Power Cord Socket

D. Power Cord



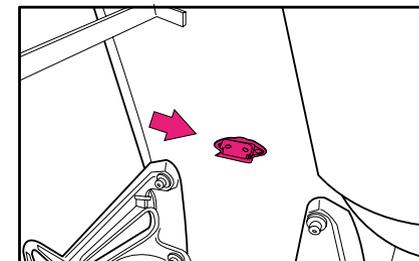
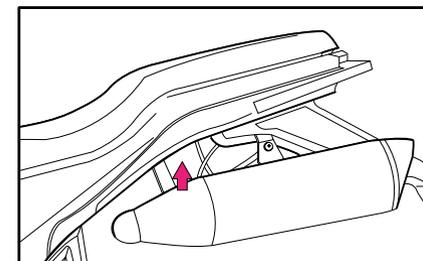
Connecting the charger:

- Plug the device connector **C** of the power cable into the device socket **D** on the charger.

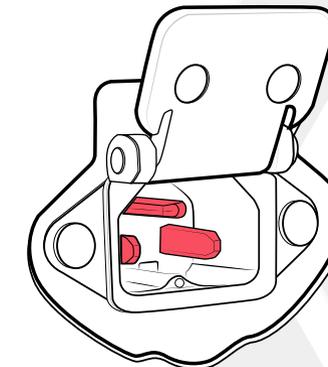
 **WARNING: DO NOT** plug the power cord directly to the bike/battery. High voltage may damage the bike/battery and cause severe injury.

Operation Guide

6. How to charge



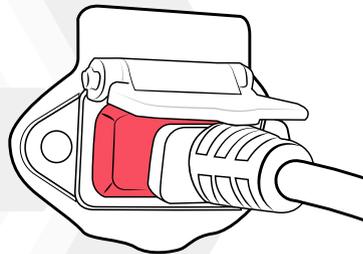
STEP 1. The charging port is located underneath the passenger seat.



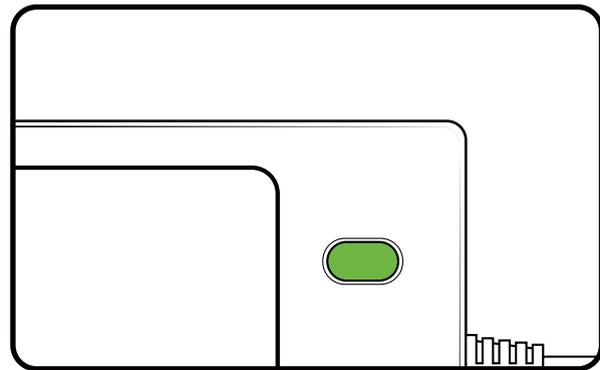
STEP 2. Open the charging port lid and plug in the charger.

Operation Guide

6. How to charge



STEP 3. Plug in the charger and plug the charger into a regular 10V wall outlet.



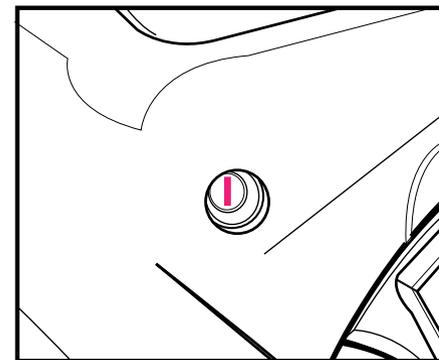
STEP 4. Once fully charged*, unplug the charger from the wall outlet first and then unplug it from the bike.

Operation Guide

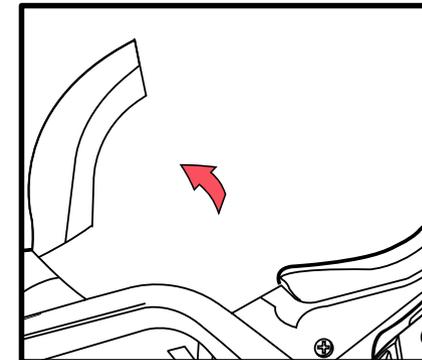
6. How to charge

b. Lithium Charger

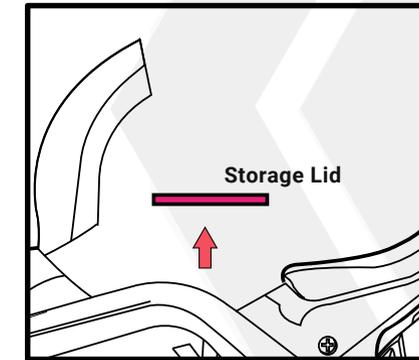
How to Remove the Battery and Charge separately from the Bike



I. Unlock the gas tank storage (Refer to page.23).



II. Open the gas tank storage.



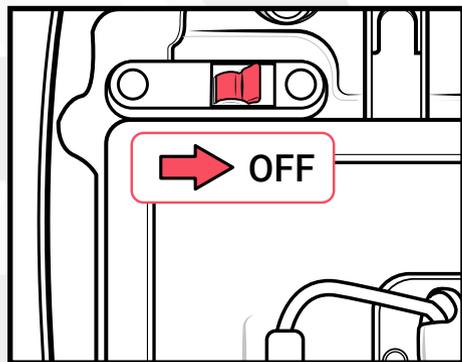
III. Take out the gas tank storage lid.

Operation Guide

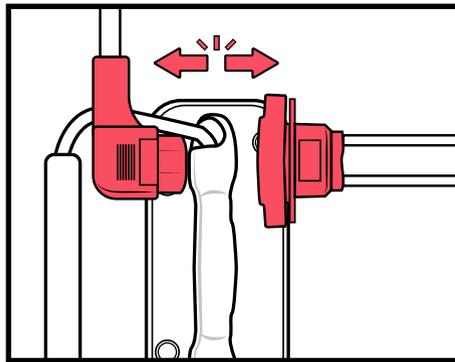
6. How to charge

b. Lithium Charger

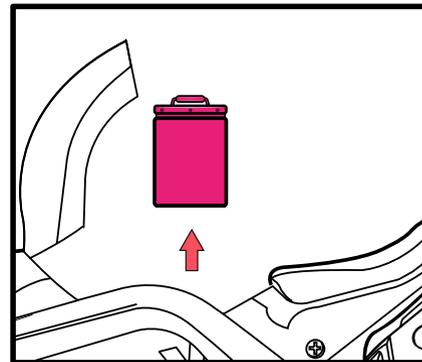
How to Remove the Battery and Charge separately from the Bike



IV. Open the seat and switch off the circuit breaker. (Red)



V. Disconnect the power plug.



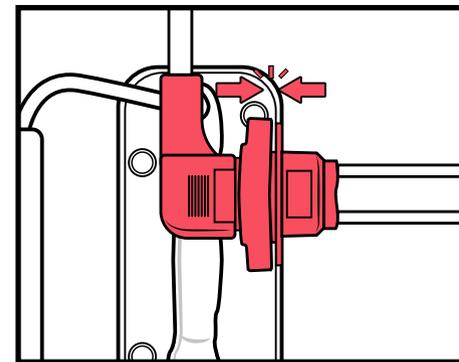
VI. Take out the battery from the bike.

Operation Guide

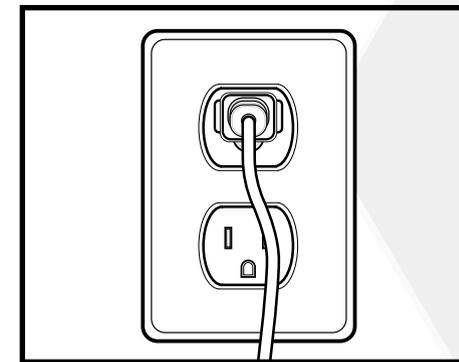
6. How to charge

b. Lithium Charger

How to Remove the Battery and Charge it separately from the Bike



VII. Connect the charging plug with the battery.



VIII. Connect the charger with the power supply.

Operation Guide

6. How to charge

c. Charging Precautions

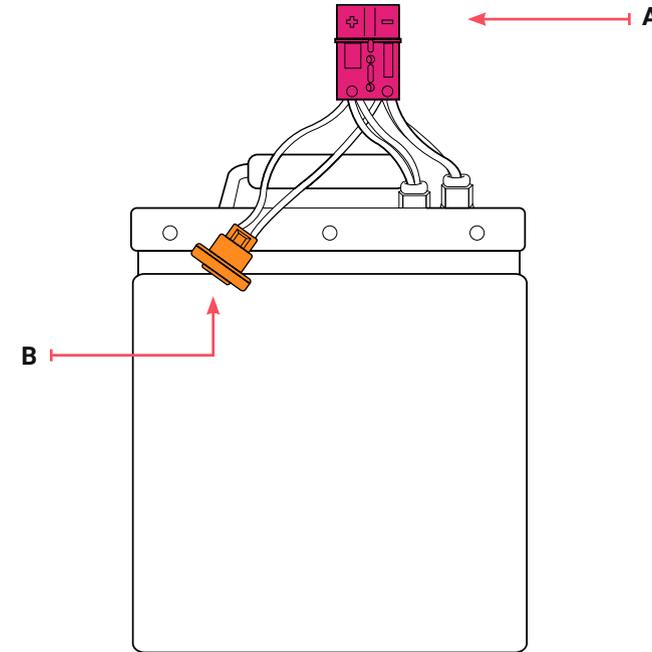


WARNING:

- You must use the compatible charger (approved by EMMO) to charge the battery.
- **DO NOT** submerge or allow the charger to become submerged in water or any liquid.
- **DO NOT** use the charger if the cord becomes frayed, has exposed solution or wires or shows any damage.
- **DO NOT** use the charger if the plastic enclosure or the charging connector is broken, cracked or shows any significant damage.
- If the charger/battery becomes unreasonably hot, please disconnect the charger from the power outlet and contact your EMMO dealer immediately.
- After the charging is completed, please disconnect the charger from the power outlet first.
- Leave the battery and charger out of the reach of children.
- Charge the battery in a dry, well-ventilated space. **DO NOT** charge the battery in the rain /snow.

Operation Guide

7. Battery

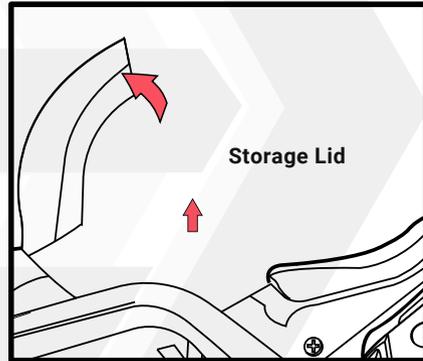


A	Anderson Connector
B	Charging Port

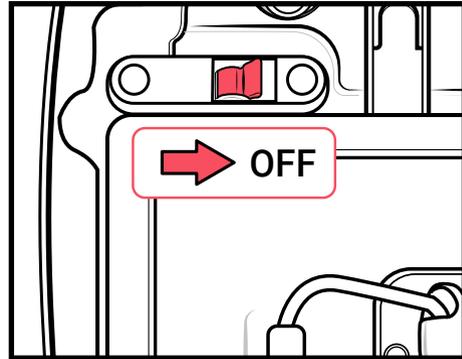
Operation Guide

7. Battery

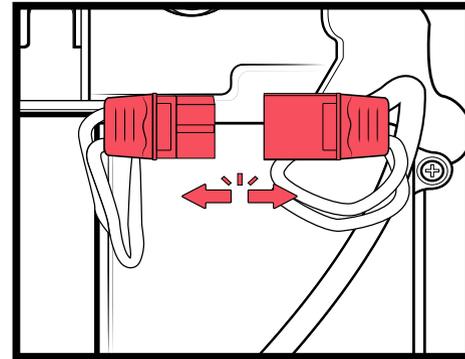
a. How to switch between 2 batteries for the Dual Lithium version



I. Open the gas tank storage and take out the storage lid.



II. Turn off the circuit breaker.

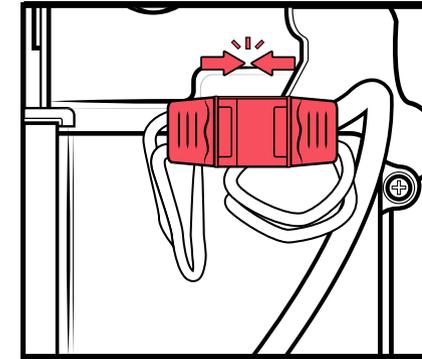


III. Unplug the Anderson Connector from the First battery.

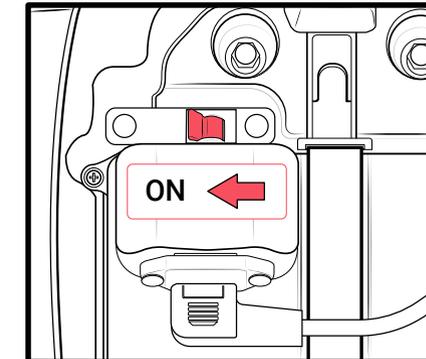
Operation Guide

7. Battery

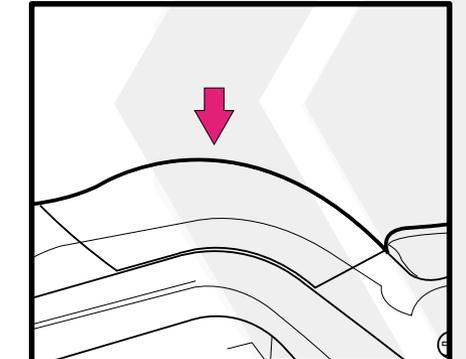
a. How to switch between 2 batteries for the Dual Lithium version



IV. Plug the Anderson Connector into the Second battery.



V. Turn on the Circuit Breaker.



VI. Close the gas tank storage.

Operation Guide

7. Battery

b. Battery Safety Precautions



- Be sure to use the original/compatible battery (approved by EMMO). Using batteries from other brands may lead to severe accidents.
- Inspect the battery for any damage, leaking, overheating or smoking.
- Always charge between **0°C to 45°C**, charging outside of this range may cause permanent damage to battery.
- **DO NOT** lift the battery by its connectors or cables.
- **DO NOT** charge the battery for over 12 hours.
- **DO NOT** subject the battery to impact.
- **DO NOT** subject the battery to water.
- **DO NOT** subject the battery to heat or open fire.
- **DO NOT** open the battery pack by yourself. If you need any assistance, please contact your EMMO dealer.

Operation Guide

7. Battery

c. Disposal



This product contains lithium batteries which must be disposed or recycled in an environmentally safe manner. Do not dispose of the batteries in your household trash. Do not dispose of the batteries in a fire, this could cause the batteries to leak or explode. The incineration, disposal in landfill and or placing lithium batteries with household trash is prohibited by law in most areas.

NOTICE:

- Used batteries must be treated as hazardous waste.
- Batteries must be disposed of in accordance with the the regulations set forth by your local government/organizations.
- In case of uncertainty, please contact EMMO customer service department at service@emmo.ca

Operation Guide

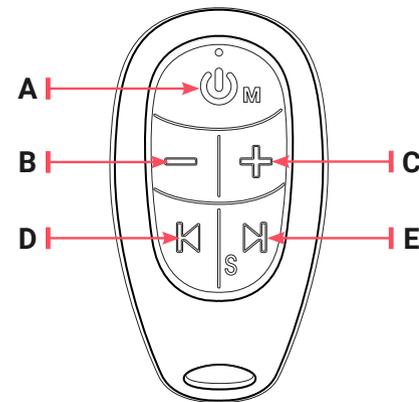
7. Battery

d. Storage & Maintenance

- For storage, please disconnect the battery from the bike and charge the battery on a regular basis (at least once a month).
- Battery packs and chargers need to be stored in a clean, dry, well ventilated place, avoid contact with corrosive material, and keep them away from heat and fire.
- Battery storage conditions: temperature:-20 - 35°C , humidity ≤ 65%RH.

Operation Guide

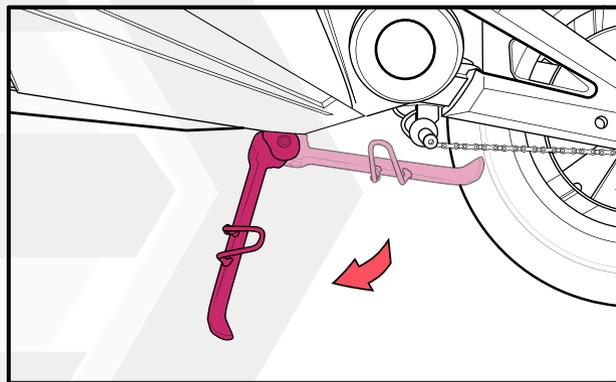
8. Multimedia Controls



A	Power / Mode Switch	Press once to turn on the radio system. 1. The Exhaust mode is set by default. 2. Hold the button to switch to MP3 mode.You can pair Bluetooth device with the built-in MP3 player(named 73). 3. Hold the button again to switch to FM radio mode. Press the button again to turn off the radio system.
B	Volume Down	Turn the volume down.
C	Volume Up	Turn the volume up.
D	Previous	MP3 - Press the button once to play the previous song in the list. FM radio - Press the button once to switch to previous channel in the list.
E	Next	MP3 - Press the button once to play the next song in the list. FM radio - Press the button once to switch to next channel in the list. Hold the button to search for available channels (initialization).

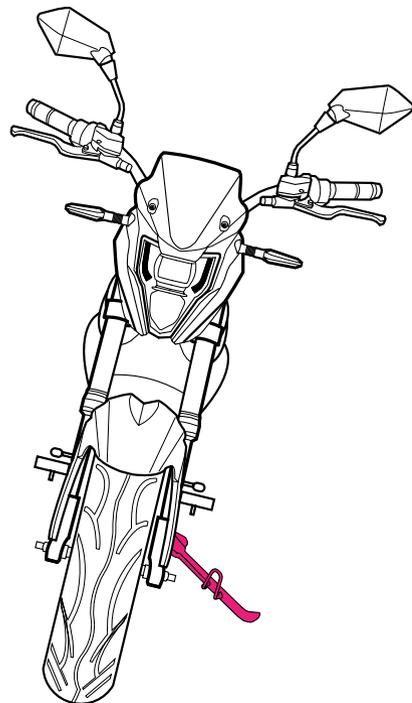
Operation Guide

9. Kickstand



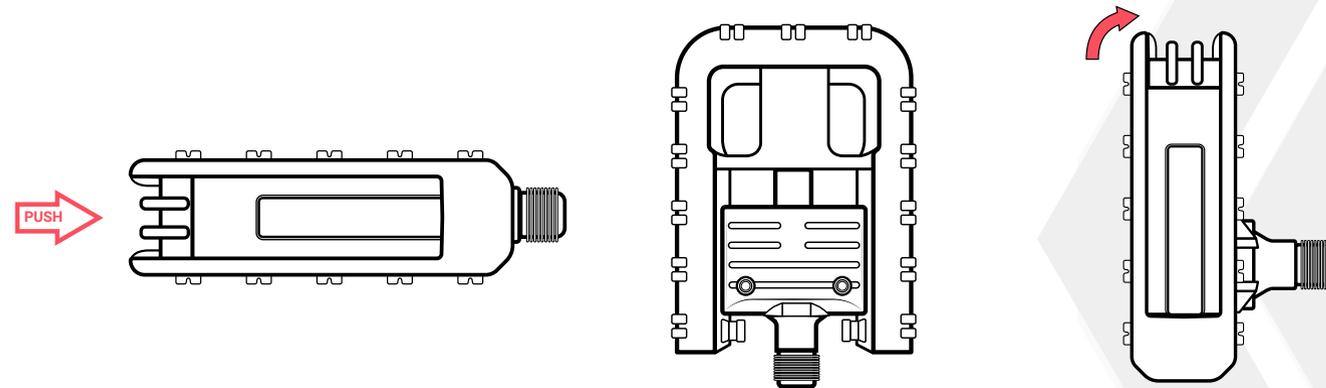
How to use the side kickstand:

- Kick the side stand down and gently lean the bike on the side kickstand.
- Make sure it is stable before you leave your bike.



Operation Guide

10. Pedal

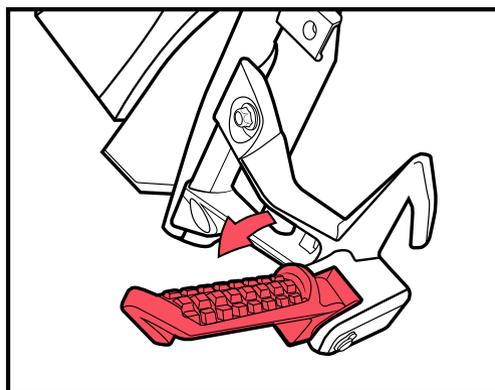
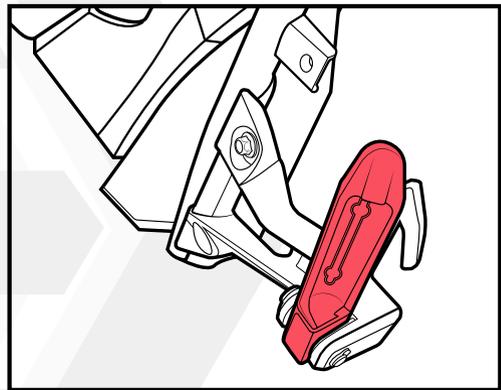


How to fold the pedals:

- Push the pedal from the side (as shown).
- Fold the pedal up while you continue pushing from the side.

Operation Guide

10. Passenger Footpeg



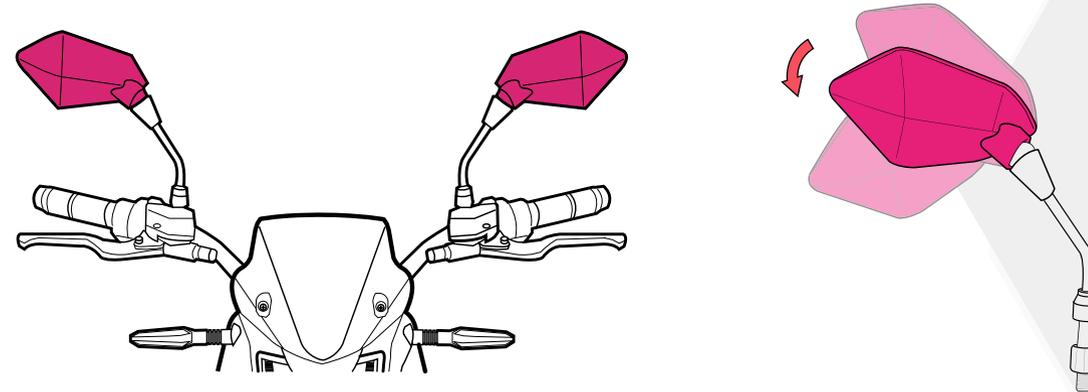
Foldable Passenger Footpegs:

- Passenger footpegs are located near the rear wheel.
- Unfold the footpegs as shown when needed.

Operation Guide

11. Rear View Mirrors

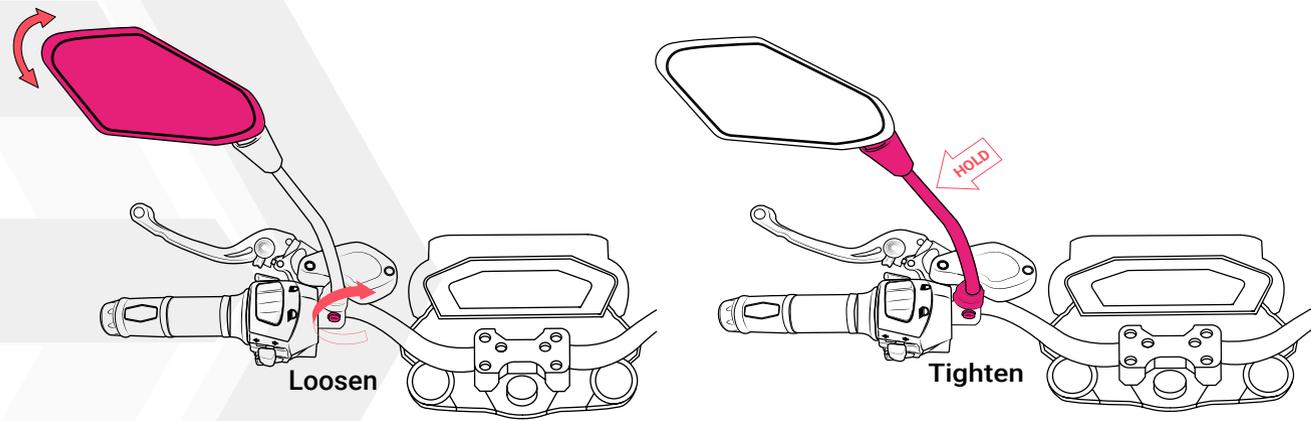
Rear view mirrors make it safer for you to check the traffic condition behind you. Please make sure the rear view mirrors are adjusted and secured properly. Check the rear view mirrors and your blind spots before you make a turn or overtake other vehicles.



- The mirror can be tilted up and down for approximately 15 degrees from the centre line (as showed by the red arrows).
- The mirror can also be rotated on the holding pole (as shown by the black arrow).

Operation Guide

11. Rear View Mirrors



- Loosen the bolt slightly and adjust the holding pole to a preferred position so that you can have a good view of the rear.
- Hold the mirror firmly in place and tightened the bolt with the allen key.

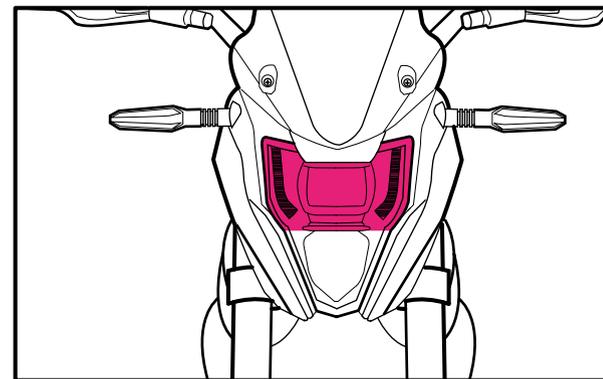
! NOTICE: To adjust the mirrors you will need: a 6mm Allen Key (Hex Key).

Operation Guide

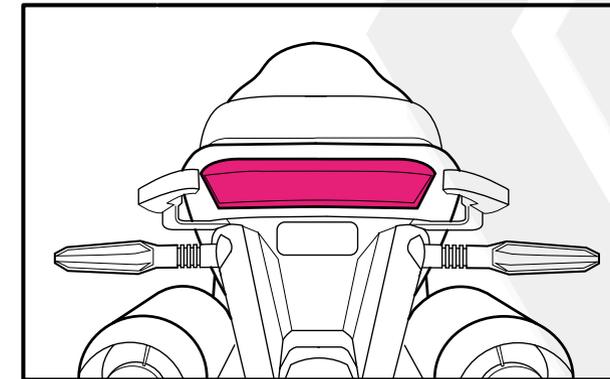
12. Light & Signals

The headlight assembly has multiple operation modes - high beam, low beam, and daytime running light, to accommodate your needs under different conditions.

The tail light increases your visibility to others at night/under dark conditions. The brake light signals to the traffic behind you that your E-bike is slowing down so that they can adjust their speed accordingly.



Headlight

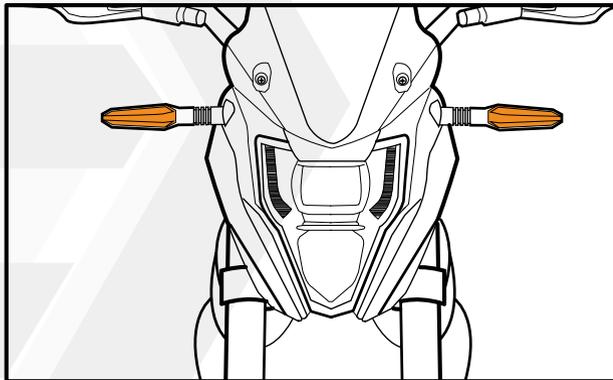


Tail light & Brake light

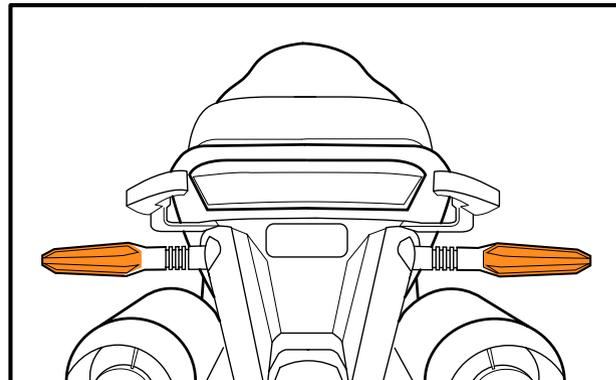
Operation Guide

12. Light & Signals

The build-in turning signals give the nearby traffic a better insight of your intended route.



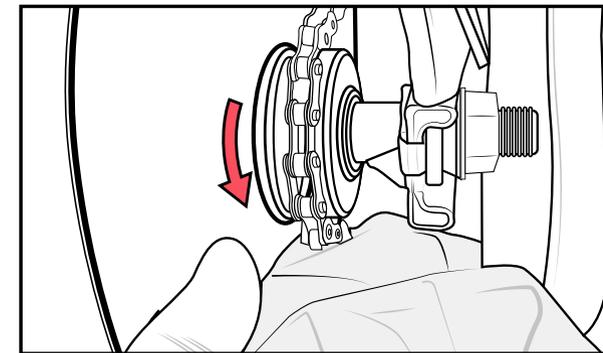
Signal Lights



Brake Signal Lights

Operation Guide

14. Cleaning / Lubricating the Chain

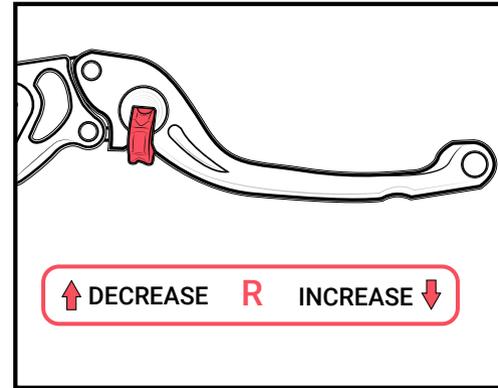
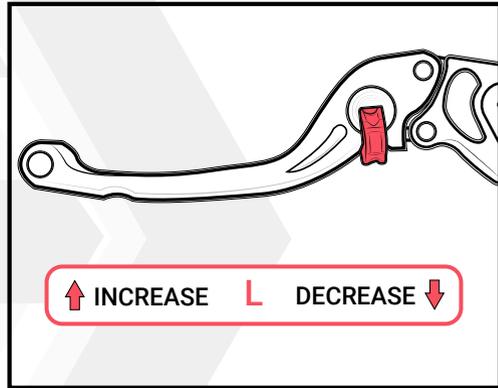


How to Clean the Chain:

- Put the bike on a service stand or lean the bike on the kick/side stand. Make sure the rear wheel is off the ground.
- Locate the chain on the right side of the bike, near the rear wheel hub.
- Hold a clean cloth to the chain (as shown).
- Turn the pedal to clean the chain.
- Apply new bicycle chain oil to the sprocket and chain.

Operation Guide

15. Adjusting the Brake



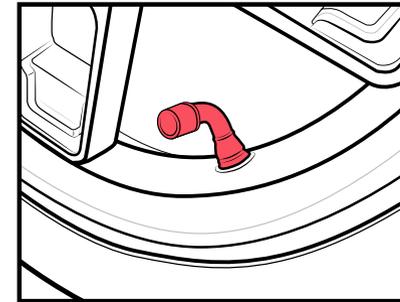
How to Adjust:

- The adjustment nut is located on the brake lever. Use it to adjust the gap between the lever and the hand grip.

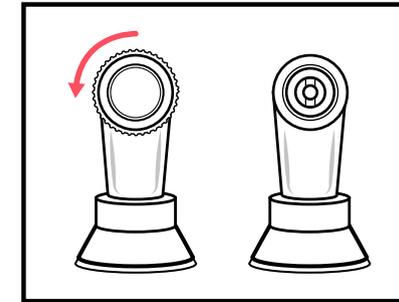
Operation Guide

16. Tire Pressure

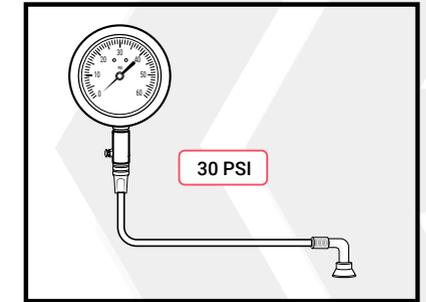
It is recommended to check the tire pressure on a regular basis to keep things at their best working conditions.



I. Locate the valve on the rim.



II. Remove the valve cap.



III. The recommended tire pressure as marked on the side-wall of the tire.

Operation Guide

16. Tire Pressure

Tire pressure affects the following:

- Service life of the tires and other components of the bike
- Ride safety
- Ride comfort
- Travel distance



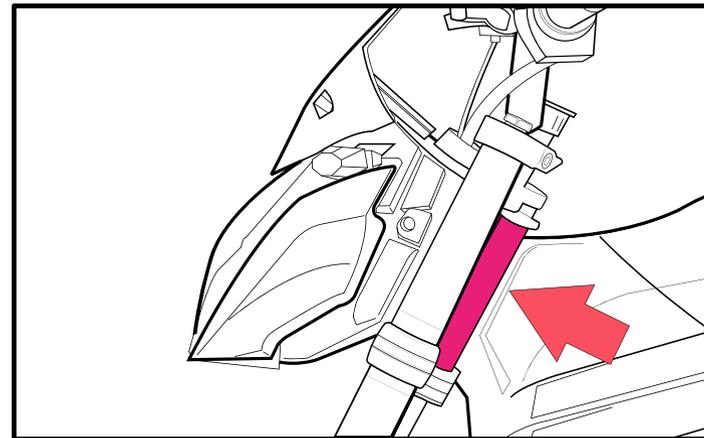
WARNING:

- You **MUST** inflate the tire to the recommended tire pressure before the first ride. Failure to do so may damage your bike and void your warranty.
- **DO NOT** over-inflate, as this could damage the tire or wheel. (The recommended tire pressure range is marked on both tires by the manufacturers.)

Operation Guide

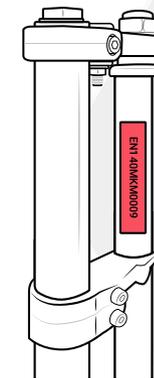
17. Serial Number

a. Frame Number



Find the Frame Number:

- The frame number is located on the neck of frame.
- You will find the Frame Number engraved on the frame.

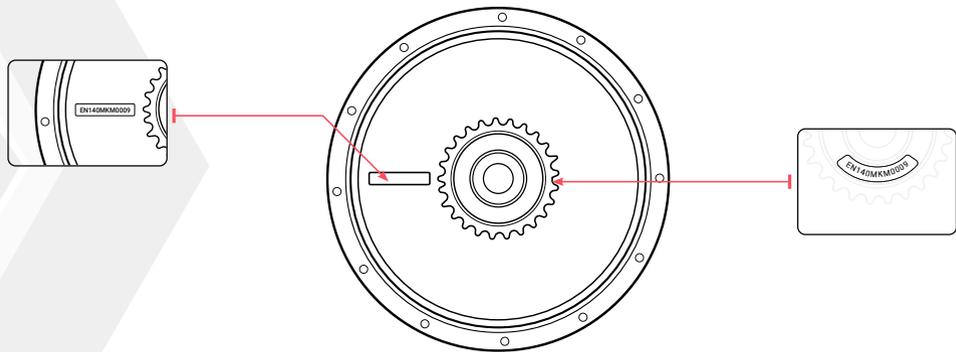


Operation Guide

17. Serial Number

b. Motor Number

Located on the motor.



The motor number could be located at the following locations:

- **Location 1:** On the motor cover plate.
- **Location 2:** Behind the sprocket on the motor.

Troubleshooting

Potential Issues/Errors

Most Common Way To Solve Issue

Battery not fully seated in tray	Install battery correctly
Insufficient battery power	Need to recharge/test.
Faulty connections	Reinstalling or testing battery/wiring.
Improper turn on sequence	Clean and reconnect connectors
Brakes are applied	Try restarting the ebike.
Electrical cable unplugged	Repair or replace
Walk mode stopped	Ensure nothing is keeping any button(s) other than the walk mode button pressed on the UI Remote (on some models)
Control button(s) held	Ensure nothing is keeping any button(s) pressed on the UI Control (on some models)
Battery non-functional	Replace battery
Damaged or disconnected pedal assist sensor	Replace or reconnect pedal assist sensor
Loose wiring	Repair and or reconnect
Loose or damaged throttle	Tighten or replace
Loose or damaged motor plug wire	Secure or replace motor plug wire
Damaged motor	Repair or replace

Troubleshooting

Low or faulty battery	Check connection, charge or replace battery
Low tire pressure	Adjust tire pressure
Climbing too many hills, strong headwind, braking, and/or excessive load	Adjust your route or assist with pedals
Brakes rubbing	Adjust the brakes
Battery discharged for long period of time without regular charges, battery is aged, damaged, or unbalanced	If range decline persists; contact local dealer
Insufficient battery power	Charge or replace battery
Loose or damaged motor wiring	Reconnect or replace motor
Loose or damaged wheel spokes or rim	Tighten, repair, or replace
Battery damaged	Replace
Charger not well connected	Adjust the connections
Charger damaged	Replace
Wiring damaged	Repair or replace
Blown charger fuse	Replace charger fuse

! **NOTICE:** If you have any questions, please contact your local dealer.

Riding Guide

1. Checklist Before Riding

- Whether the handlebar is stable and flexible when turning.
- Whether the right and left switches on the handlebar can work properly.
- Whether the throttle can work properly.
- Make sure the tires are inflated to the recommended tire pressure (30 PSI).
- Check tire surface, make sure there are no cracks, damages, and foreign matter punctures or attachments.
- Check whether the tread depth is enough. For your safety, tires should be replaced when the tread depth is below the recommended value by the manufacturer.
- Whether any error warning lights are on the speedometer.
- Whether the battery capacity is enough for your trip.
- Whether all lights work properly.
- Whether the horn works properly.
- Whether the mirrors are clean and adjusted to the appropriate angle.
- Whether the brake lever and brake system work properly.

Warranty Policy

By purchasing any Emmo Inc products or other brand items sold by Emmo Inc, the customer agrees to the policies and procedures outlined below.

Terms and conditions apply for eligibility of warranty. Please refer to [Terms and Conditions](#).

Any warranty is extended to the original owner with the original purchase paperwork. This portion does not cover the purchase of parts or the purchase of products sold by Emmo Inc that is not an electric bike, electric scooter ebike, electric motorcycle style ebike, electric mobility scooter, kick-style electric scooter, or ride-on toy.

Electric Motorcycle

Emmo dealers may charge an assembly fee to assemble the ebike.

- Comprehensive One Year Warranty(up to 6000km) Two year manufacturer warranty on the frame. One year repair or part replacement is extended to the original owner on the swing-arm, motor, and controller against manufacturer's defect in workmanship and materials on all e-bikes, mobility scooters.
- Manufacturer's comprehensive warranty does not cover such parts including, but not limited to: seats, plastic housings and shrouds, pitting, scratches and chips, brake pads, tires, tubes, or damage due to lack of maintenance, accident, misuse or abuse. Damage incurred from water, road salt and other foreign debris or chemicals are not covered by the comprehensive warranty. The labour of any warranty repair will be covered by the original store that the Electric Bike was purchased from only when it is being repaired at

said store. The parts will be covered by Emmo Inc. You are responsible for providing original purchase paperwork and shipping the item to and from the store.

- Six month warranty on original Batteries and Chargers provided that they have been maintained as instructed by your vehicle hand-book and not subjected to freezing temperatures. For Lithium models, the chargers must match the lithium batteries. Emmo is not responsible for any damage resulting in using another brand or voltage of charger. The customer is responsible for providing original purchase paperwork and shipping the item to and from the store.
- If you are not able to bring the ebike to the location you purchased from, you may be required to ship the item and a copy of your purchase paperwork to Emmo Inc before receiving a replacement item. You are responsible for shipping to Emmo Inc. Once the warranty claim is approved, Emmo Inc will arrange the shipping for the replacement parts and cover the return shipping to you unless expressed otherwise by Emmo Inc. Labor will not be covered by Emmo Inc.
- Certain conditions that may limit or completely void the warranty of your e-bike are: altering the ebike from its original design or its intended use, eg: pulling a trailer, as a delivery vehicle or any commercial use.

Purchased Parts

Please consult your Emmo dealer for more details of the parts policies.

- **Shipping Damage:** Emmo Inc will not be held responsible for any lost, stolen, or damaged items due to any delivery services or courier actions. Report any damage to Emmo Inc within 7 days of receiving the part with pictures for any shipping damage and proof of purchase. Please note the damage on the shipper's Bill

of Delivery prior to signing off on the shipment. Shipping damage is not covered by Emmo Inc if you choose your own shipping method or freight forwarder. The cost of shipping will not be covered under warranty unless Emmo Inc agrees in writing to cover the shipping cost.

- **Repair and Store Purchases of Emmo Inc Products:** Any warranty is extended to the original owner with the original purchase paperwork. Any return or exchange within 7 days must be in new, unused, and original packaging. The customer is responsible for notifying Emmo Inc of the return or exchange and the cost of shipping will not be covered under warranty unless Emmo Inc agrees in writing to cover the shipping cost. On all return and exchange items, a restocking fee of 20% will be withheld from the refund amount unless Emmo Inc has agreed to another arrangement in writing. The cost of the item minus the restocking fee will be refunded once the product is returned and determined to be returnable. Restocking fees are 20% of MSRP not including Taxes, Freight/Shipping or PDI. Items out of original packaging will not be accepted.
- **Part Warranty Policy:** All items with warranty must have a valid warranty sticker. For Lithium models, the chargers must match the lithium batteries. Emmo is not responsible for any damage resulting in using another brand or voltage of charger or using an Emmo item with items that are not sold by Emmo Inc. Within 7 days, any items defective by manufacturer quality and are under warranty can be replaced. After 7 days, any items defective in manufacturer quality and are under warranty can be repaired. Warranty does not cover damage due to lack of maintenance, accident, misuse or abuse. Damage incurred from water, road salt and other foreign debris or chemicals. The labour of any warranty repair will be covered by the original store that the Emmo Inc part was purchased from only when it is being repaired at said store. For repairs that are done on items that are not from Emmo Inc, only a 7-day Parts Warranty will be included.
- If the part was paid by financing, you are responsible for any cancellation fees or penalties charged by the third party financing company unless Emmo Inc has agreed to cover the fees in writing. The financing loan

agreement will only be cancelled after Emmo Inc has received and approved the returned item.

- For repairs that are done on items that are not from Emmo Inc, only a 7-day Parts Warranty will be included. Emmo Inc is not responsible for items modified from its intended use or purpose resulting in damage to the ebike or injury to the customer or third party.

 **NOTICE:** If you have any questions, please contact your local dealer.

Leave us a review

By sharing your experience with EMMO, you can extend your warranty for an extra **3 months for FREE**.

Your review will help us to continue providing great products and services, and help others understand how EMMO can make their life greener.

Thank you for choosing EMMO.



**GET 3-MONTH
EXTENDED WARRANTY
FOR FREE**



Scan the QR code to
leave us a review.

Contact Us

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