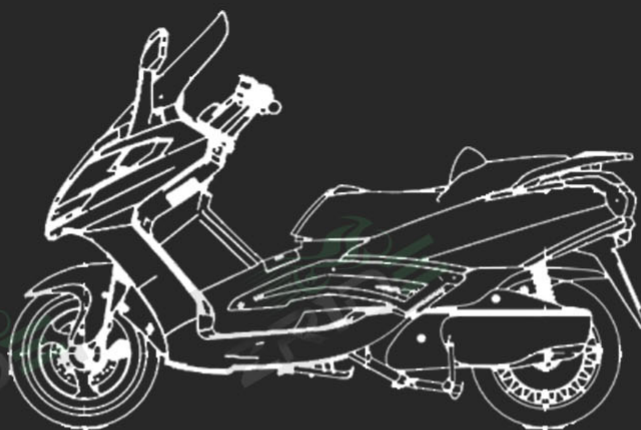


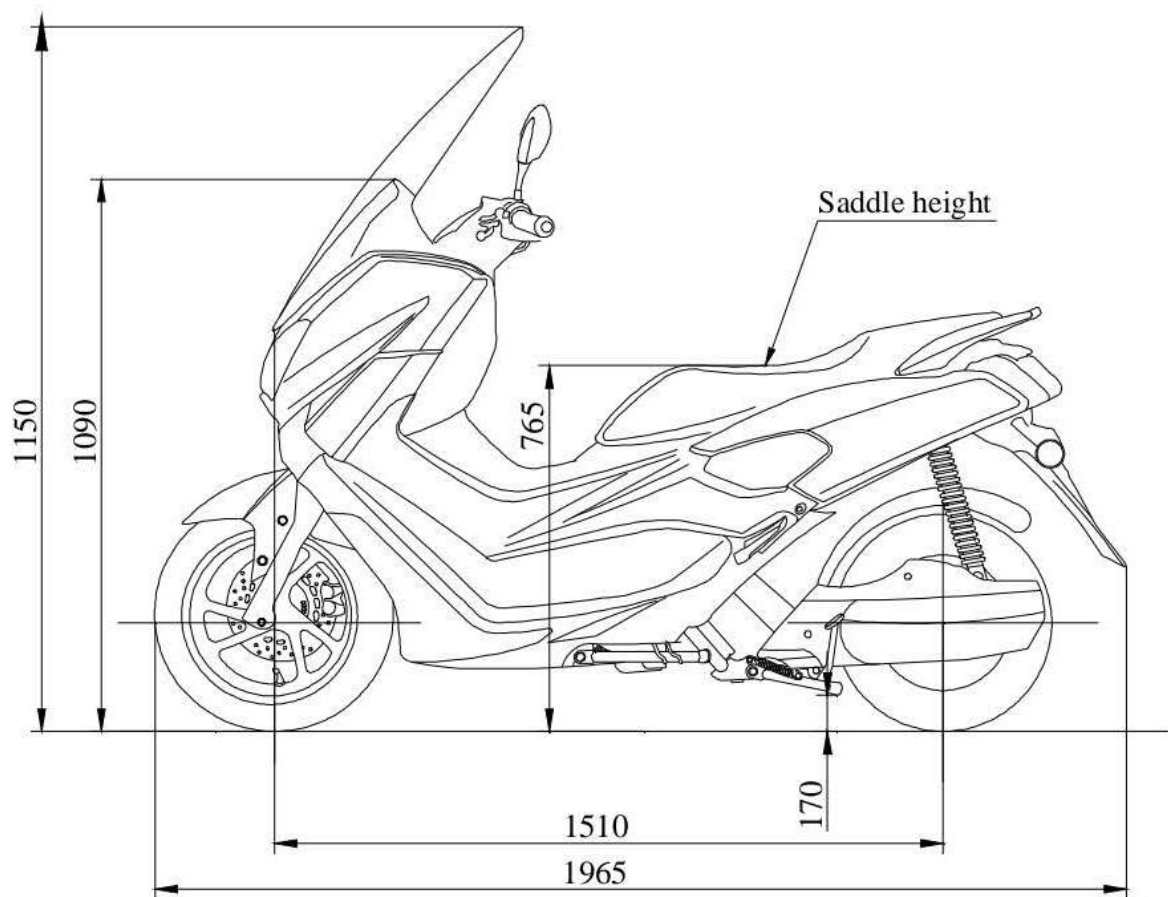


OWNER'S MANUAL

LYNX



Model: LYNX



Dealer stamp:



Table of contents

1) General information

- 1.1. Important symbols that are used in this Manuel
- 1.2. Safety Information and precautions before driving the vehicle
- 1.3. Vehicle identification number (VIN)
- 1.4. General information about this vehicle

2) Commands and instruments

- 2.1. 5V USB Port
- 2.2. Main Switch/Steering lock
- 2.3. Multi-function display
- 2.4. Handlebar switches
- 2.5. Electric system and battery
- 2.6. Other important components
- 2.7. Storage Spaces

3) How to use the vehicle?

- 3.1. Controls to conduct before driving
- 3.2. Maximum loading capacity
- 3.3. How to start the vehicle
- 3.4. Driving the vehicle
- 3.5. Brake system and parking the vehicle
- 3.6. Charging and Maintenance of the battery

4) General Maintenance and small repairs

- 4.1. Control of brake system (brake pads, brake oil)
- 4.2. Changing the brake discs, brakes and brake oil
- 4.3. Changing the light bulbs and headlight adjustment
- 4.4. Changing the tires
- 4.5. Cleaning the vehicle
- 4.6. Fuses
- 4.7. Troubleshooting, Diagnostics
- 4.8. During long terms of non-use

5) Other important information's

- 5.1. Warranty
- 5.2. Technical Data sheet

6) Maintenance booklet

- 6.1. Periodic Maintenance guidance

1) General information

Thank you for your purchase of your new LYNX electric Scooter!

We welcome you to the universe of electric vehicle technology, which does not only provide a new experience in driving a two-wheel scooter but also is respectful to the environment and nature.

The LYNX models are the result of an intense 3 year's effort to develop reliable and powerful ecological scooters.

You will surely appreciate the experience of driving this new quiet like a sailing boat, non-polluting and highly performant machine.

In order to benefit from all the exciting opportunities when driving your LYNX Scooter, you will need to carefully and attentively read this manual. This Owner's Manual not only contains information about how to use the vehicle, but also safety information and information relative to the maintenance of this vehicle, which are all important to read and understand for safety purposes and to avoid accidents.

We wish you a great pleasure and maximum security when driving, both which should be at the heart of every good motorcyclist!

We made all effort to improve the concept and the quality of these scooter models. As a result of this, it is possible that some parts of this manual may not include recent changes or adaptations of the function of this vehicle, which may have been necessary in the meantime to fit new technical or legal requirements.

If you have any questions in relation to your vehicle or the maintenance of your vehicle please contact us or your shop where you purchased your LYNX.

This Owner's manual is an integral part of the scooter and has to be passed on completely to any new owner of this vehicle.

Specification:

Max weight: 2 People max 150kg,

Total max. Weight: LYNX X : 146kg,

Operating temperature: -15°C à +40°C.

Never leave the scooter/batteries exposed to direct sunlight to avoid overheating! Never leave in rain or humid/corrosive environments! Never immerse the scooter in water!

Type of driving license required: Minimum a CBT

1.1. Important symbols that are used in this Manuel



When you see this symbol you should absolutely read the text next to it. These sections contain indispensable information for your safety and for avoiding accidents or injuries.

Never underestimate the danger to material or life that can occur when ignoring these instructions.

1.2. Safety Information and precautions before driving the vehicle

This manual contains important safety instructions. Please take the responsibility to review this information and make sure you understand all cautions, warnings and safety topics. Always check and obey laws and regulations that are effective in the locations where the scooter is used. Failure to use common sense and respect safety warnings increases the risk of injury. Use with appropriate caution.



For a good working condition of your vehicle please keep your scooter well maintained and follow the rules and recommendations below:

- **You have at all times to carry your driving license and your insurance certificate with you.**
- **Wear approved safety equipment such as safety helmet if legally required by local law. Long-sleeve jacket, long pants, gloves and athletic shoes are recommended. Be aware though that even these pre-cautions may not be a sufficient protection in case of an accident.**
- **Before each departure you should check the tires (pressure and profile depth), the breaks (break liquid level, good working condition) and the level of charge of the battery.**
- **Familiarize yourself with all the scooter's features and practice using brakes, lights and horn.**
- **When driving, obey road traffic rules.**
- **Do not weave between lanes or change lanes suddenly. When you need to change direction, always check your mirrors, use signals to tell other road users your intentions and then give a quick over the shoulder glance as a final safety check.**
- **Watch out for potential obstacles that could enter your path and make you lose control over vehicle.**
- **Never use cell phone or headphones while driving.**

- **Never drive under the influence of alcohol or medications that affect your driving skills.**
- **Drive according to weather conditions, take extra care on wet or icy road. Remember that on slippery surface your braking distance increases 4 times.**
- **Keep comfortable distance from other vehicles and objects.**
- **At night, make sure that lights are on as per manufacturer set up; wear light reflective clothing.**

Secure the scooter:

Choose a place to leave your scooter parked with caution. If you are leaving it at a public place, look for security cameras and leave the scooter in the line of their site or at a well-lit area.

Make sure the scooter is locked.

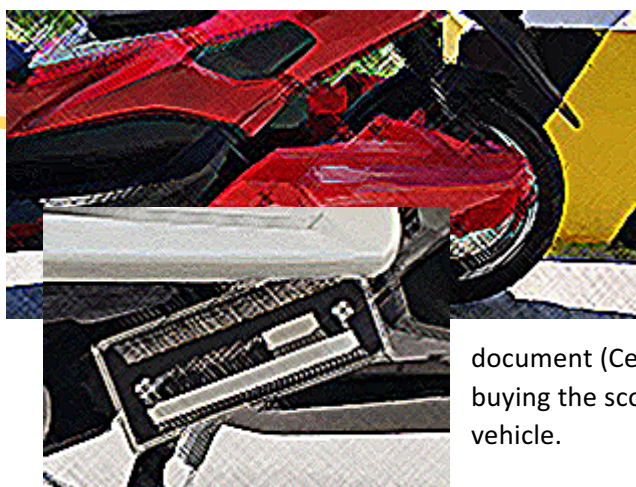


CAUTION: Modification is illegal. A modified vehicle will affect its structure or performance, which will result in shortening the life of the vehicle. Modified vehicles will not be covered by the warranty. It is necessary to buy original spare parts from authorized dealers. No guarantee can be provided either for quality or durability when buying non-original spare parts from the market.



WARNING: Once you have completed the initial charge you are ready to ride. You must be aware of all local laws and ordinances that govern and/or restrict the use of the electric bike. The laws and ordinances vary greatly in different countries. It is your responsibility to know and abide by your local restrictions.

1.3. Vehicle identification number (VIN)



The Vehicle identification number (VIN) can be found on the bottom of the right side of the scooter.

On this label you find the name of the factory, the homologation number and the VIN number which is specific to each scooter (like a serial number).

These numbers are also mentioned on the COC document (Certificate of conformity), that has been provided when buying the scooter. The COC is required for the registration of the vehicle.

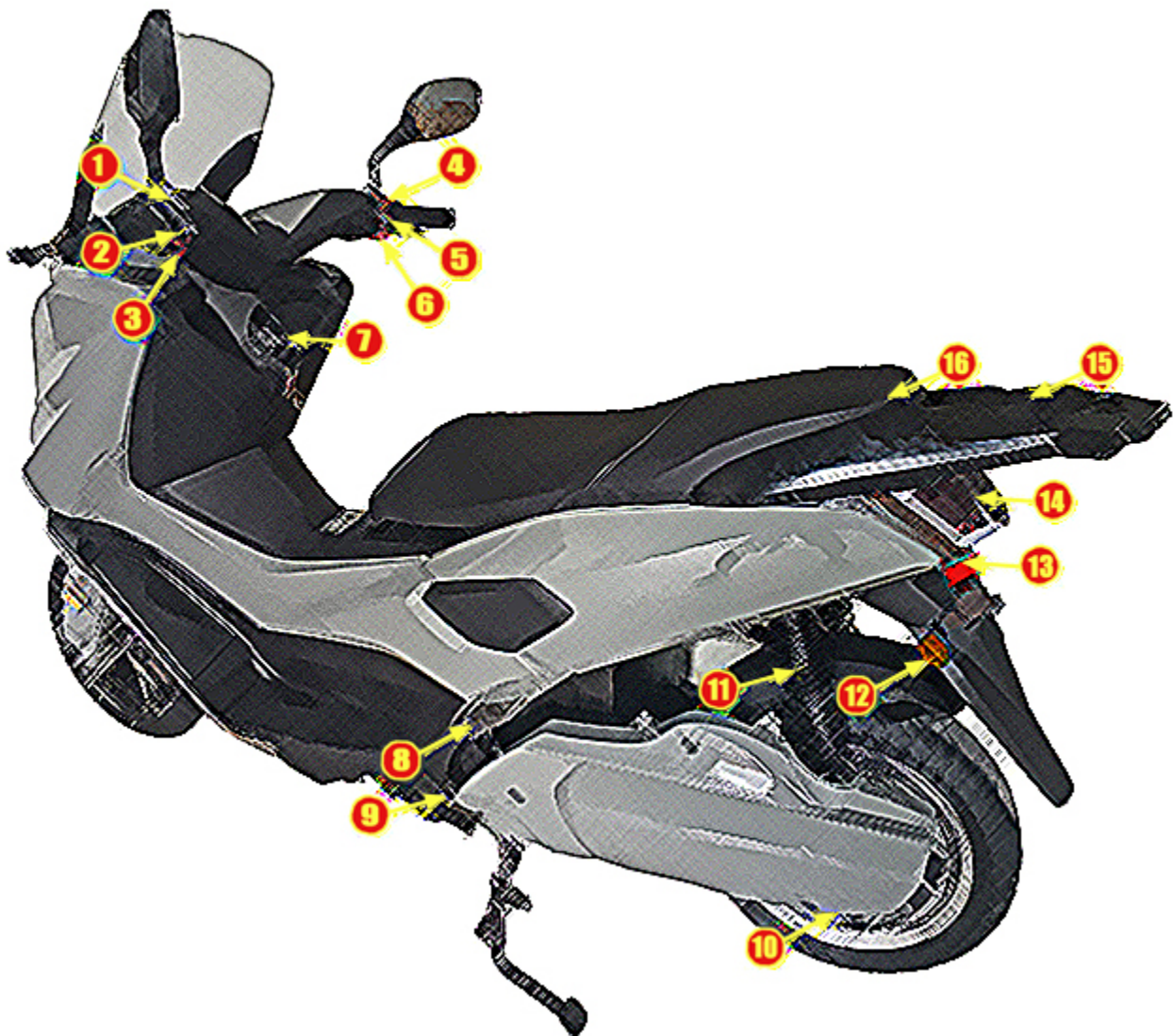
1.4. General information about this vehicle

- | | |
|--------------------------------|------------------------------|
| 1) Windshield | 7) Front wheel |
| 2) Rearview mirror | 8) Saddle (seat) |
| 3) Head light (low beam) | 9) Side stand (Kick stand) |
| 4) Turn light (left direction) | 10) Center stand (Mid stand) |
| 5) Front shock absorber | 11) Swing arm Fender |
| 6) Front round reflector | 12) License plate |



1. High/low Beam
2. Turn signal
3. Horn
4. Kill Switch
5. 3 speed gear
6. Reverse switch
7. Ignition
8. Passenger pedal

9. Side stand switch
10. Hub Motor
11. Rear Shock
12. Side reflector
13. Rear Reflector
14. Tail light
15. Rear Carrier
16. DC converter inside

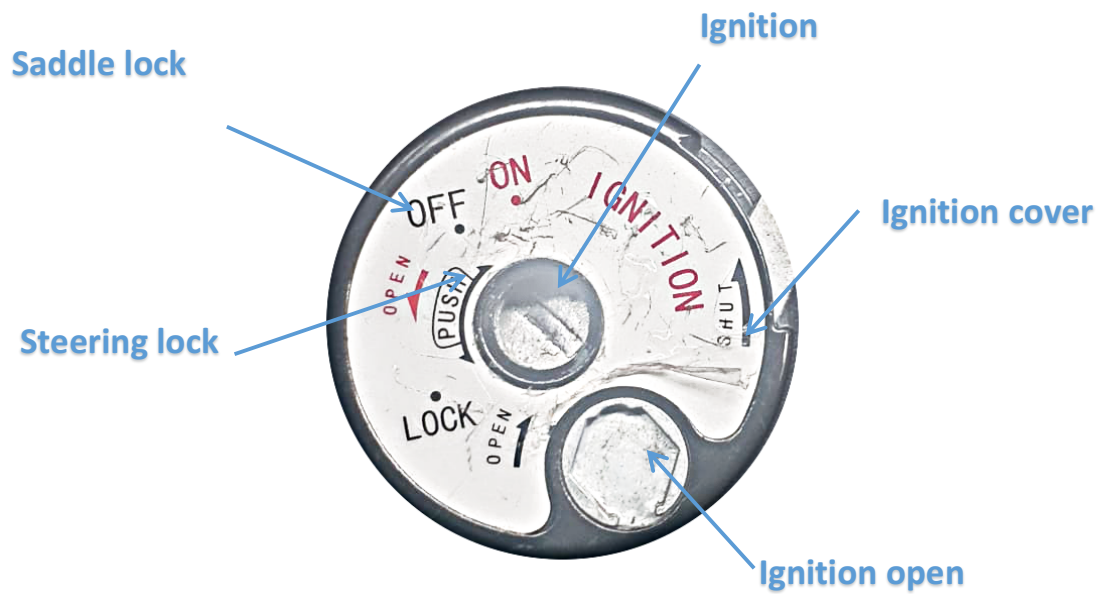


Commands and instruments

2.1 5V USB Port

This scooter have 2 USB ports for 5V charging.

2.1 Main Switch/Steering lock



The LYNX is delivered with 2 main keys to start the scooter, but also to open the driver seat.

2.2 Multi-function display

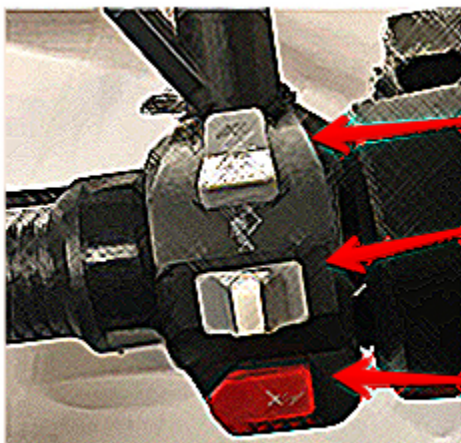


The instrument panel, comprising of 3 important instruments. On the left side there is the multifunctional blue screen to show the level of range still available, the total miles travelled, the partial miles since the last reset and the battery voltage.

In the middle, the speed in mph and the high beam indicator are displayed. To the right there is the screen to indicate if the batteries are working and voltage is available to the motor.

2.4. Handlebar switches

Left handlebar



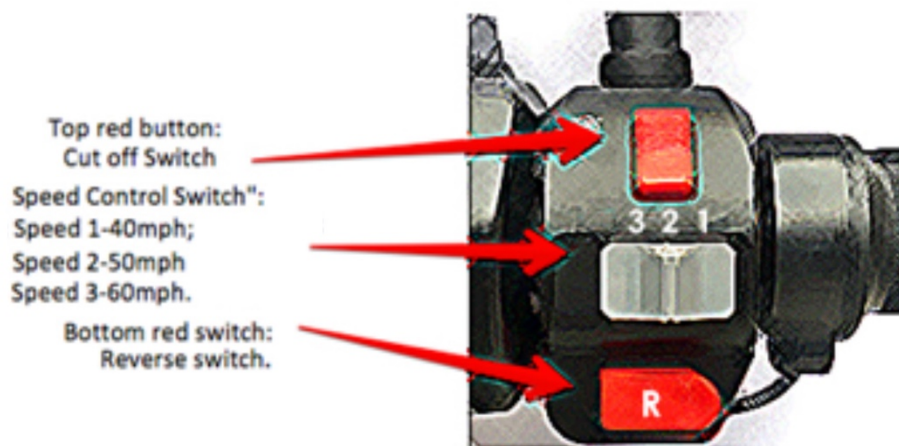
Top grey switch controls the light beam: high beam and low beam.

Indicator switch:

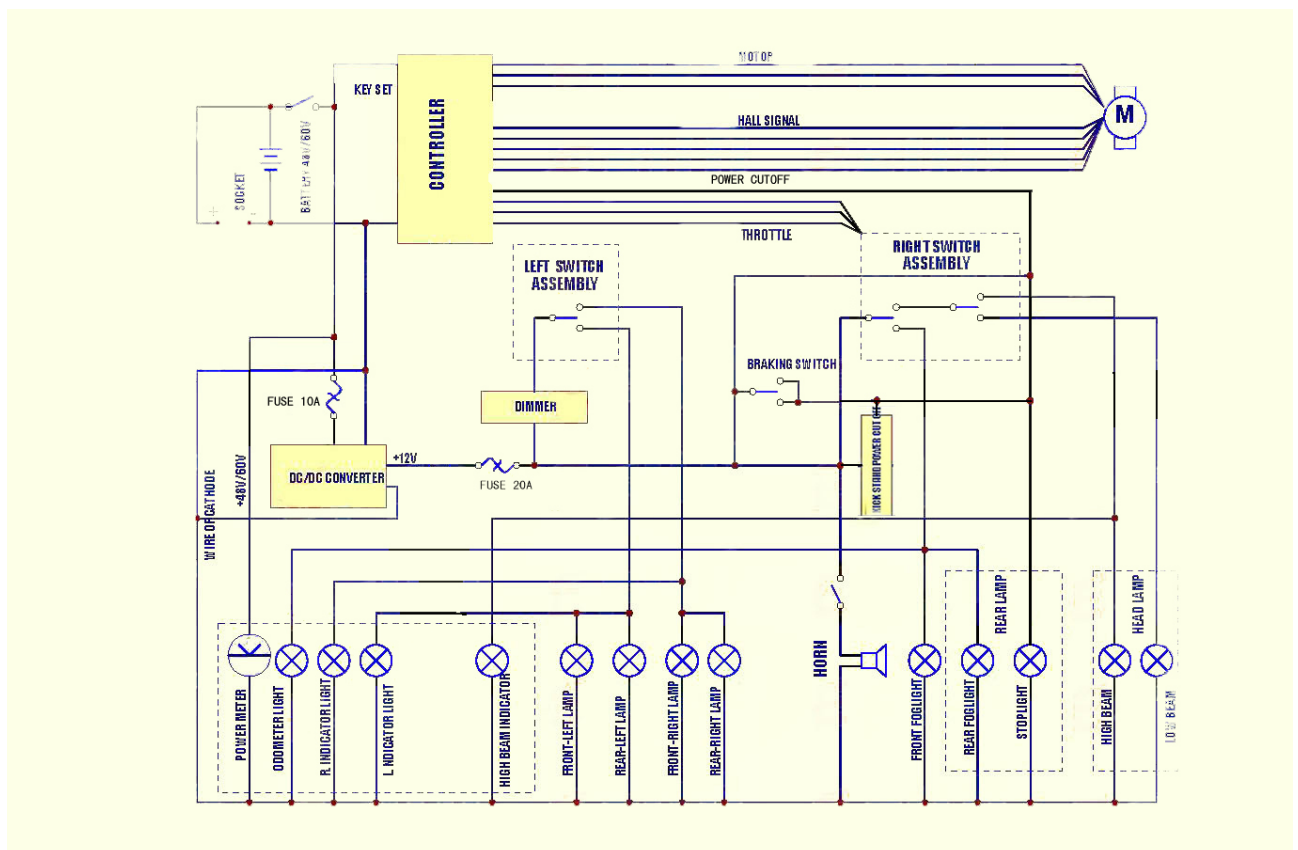
- a. Left Turn
- b. Right Turn
- c. Hazards lights on/off

Red Button: Horn

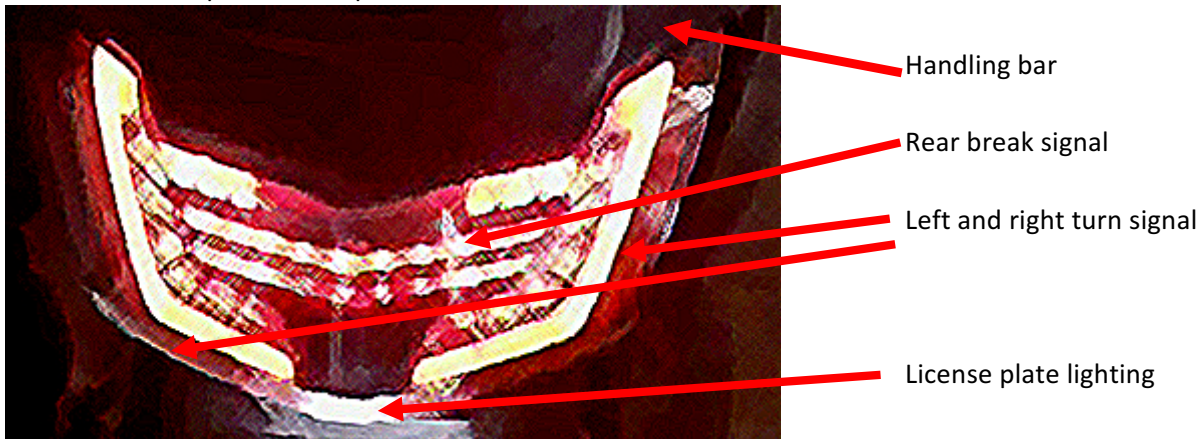
Right handlebar



2.5. Electric system and wiring diagram



2.6. Other important components



2.7. Storage Spaces

1 helmet storage: Under the seat space for helmet storage.

3 How to use the vehicle

3.1 Controls to conduct before driving

- Check the tire condition for any worn-out areas or breakage, check tire pressure
- Check the transmission system condition
- Check the bugle and rear reflector condition
- Check all the standard spare parts such as nuts and screws and ensure they are well tightened
- Check if the brake cable lanyard functions in smooth condition
- Charge the battery when the scooter is not driven regularly. To prolong the battery life, charging should be carried out 15 days during each summer and 30 days during each winter
- Check all the turning parts frequently such as the handle bar. Add lubricant when needed
- Check the light.
- Switch on circuit breaker under the seat and Ignition ON, see READY flash on dashboard

3.2 Maximum loading capacity

150kgs

3.3 How to start the vehicle

Fold up the kickstand and hold onto the handle bars with both hands. Assume a well-balanced position on the scooter and push off with your foot. Turn power on, grip throttle lightly and start to ride.

3.4 Driving the vehicle

3.5 Your right hand will control the accelerator. Twist the accelerator slowly to avoid a sudden rush of speed forward. The speed of the bike will increase as you twist the accelerator further. You will control the speed of the scooter by using both the accelerator and the brakes.

3.6 Brake system and parking the vehicle

It is C-brake system obey to L3e, parking by Mid stand would be more stable because of heavy battery pack.

3.7 Charging and Maintenance of the battery

Battery and hub motor don't need any maintenance.

IMPORTANT CHARGING INSTRUCTION:

The Power Switch Lock must be in the off position when the electric scooter is being charged.

Do not place the battery near a heat source or fire. Do not expose the charger to water. Do not cover the charger with anything whilst charging.

Please use the authorized charger to charge the battery otherwise the warranty will become void. Please follow the charging instructions above.

When there are two battery boxes, the battery packs must be charged and discharged at the same time.

4 General Maintenance and small repairs

4.1 Control of brake system (brake pads, brake oil)

Every 13,000miles, EBS system reduce the consume of brake pads

4.2 Changing the brake discs, brakes and brake oil

No need to change unless bad damaged

4.3 Changing the light bulbs and headlight adjustment

Go to your dealer or 2-wheel vehicle repair shop, they can change it for you

4.4 Changing the tires

Disconnect PLUS and Minus pole cable from controller before pulling out hub motor and get out rear tire.

4.5 Cleaning the vehicle

It is IP66 waterproof, you may use all methods except waterjet.

4.6 Fuses

2-3 pcs of DC converter fuse would be put inside tool bags for emergency replacement.

4.7 Troubleshooting, Diagnostics

Look at OBD signal on dash-board, its flash regulation can diagnosis the faulty on LYNX

MQCON controller led error information

Num	Fault Name	Remark
1	Mosfet fault	Hardware fault
2	overVolt	Battery over volt fault
3	lackVolt	Battery lack volt fault
4	resvd	reserved
5	mtOverTemp	Motor temperature is higher than set temperature
6	ctOverTemp	controller temperature is higher than set temperature
8	overCurrent	phase current is higher than over protected ph current
9	overLoad	The timer that phase current is higher than rated phase current exceed the set time
11	Store error	The setting parameter store failed fault
12	HALL test fault	Motor hall fault when matching
13	HALL fault	Motor hall fault
18	overSpeed	The tasks of controller are too many to calculate.
20	Block protect	The block current
21	unInitEeprom	The eeprom of controller is not initialized
25	restart	Battery lack volt fault when power on
26	brake	Controller enter brake mode
27	Anti-theft	Controller enter anti-theft mode
28	reverse	Controller enter reverse mode
30	Throttle error	The throttle signal is wrong

4.8 During long terms of non-use

Remember to charge battery at least 50% before parking it for a long duration.

5 Other important information's

5.1 Warranty

- 1) Battery is 8 years or 50000m warranty on LYNX-X
- 2) Motor/controller/Charger is 3 years warranty
- 3) Chassis and main parts except for tyre, lighting and plastic cover is 2 years warranty.

5.2 Technical Data sheet (LYNX X example)

Model	LYNX X
Motor	QS 13 inch brushless hub motor 7000W
Battery	72V100AH CATL world top brand lithium battery with 8 year or 50000m warranty

Controller	150A FOC controller with reverse performance
Max Speed	60mph
Range	at 30mph cruise speed and 70kg rider, max range 155miles
Brake	front & rear disc brake plus EBS regenerative brake
Package	202 X 112 X 65 cm

6 Maintenance booklet

6.1. Periodic Maintenance guidance

MILES	250	600	1,000	2,000	2,500	3,000	3,500
BATTERY			C				C
CHARGER			C				C
TIRE PRESSURE	C	C	C	C	C	C	C
TIRE WEAR			C		C		C
BRAKE SYSTEM	C		C				C
BRAKE PAD		A		C		A	C
NUTS AND BOLTS	T		T	T	T	T	T

MILES	4,000	4,500	5,000	5,500	6,000	6,500
BATTERY			C			C
CHARGER			C	C		C
TIRE PRESSURE	C	C	C	C	C	C
TIRE WEAR		C		C		C
BRAKE SYSTEM		C				C
BRAKE PAD		A	A	A	A	A
NUTS AND BOLTS		T	T	T	T	T

A – adjust; C – check, refill, repair, or replace; T - tighten

Do you have any questions? Please contact your local dealer.



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