

***91 ELECTRIC***

**JUST BETTER!**



U S E R M A N U A L



# WELCOME TO #CLAN91



Dear Customer,

Congratulations on purchasing a 91 Electric Scooter, a world-class, environmentally friendly electric scooter marketed by 91 Electric.

Before you begin riding, please read this manual to familiarize yourself with the mechanism and controls of the E-Scooter. With proper care and maintenance, you can ensure a long, trouble-free ride.

While these bikes do not require a license, we strongly suggest that the rider receives adequate training, wears a helmet, and sets an example of being a responsible citizen who cares for the environment and other road users.

With a little care and caution, your 91 Electric Scooter will provide you with years of pleasure, offering an efficient, economical, and comfortable riding experience while also helping reduce the carbon footprint on our Mother Earth.

Keeping the batteries in good health is vital for the economy and reliability of the E-Scooter. Please take special care of your batteries as mentioned in this manual.

Also included in this manual is a Service Maintenance Chart for your E-Scooter. Maintenance according to the given schedule will ensure your 91 Electric Scooter remains in perfect condition. You can avail these services at any of our authorized dealers.

Enjoy the Ride!!

91 Electric  
[www.91electric.com](http://www.91electric.com)



## Dos

- Read the owner's manual carefully.
- Maintain tire pressure: front 28-30 PSI, rear 34-36 PSI. Check weekly for maximum speed and tire life.
- Keep the battery charged. Store the charger in a ventilated, dry place on a flat surface. *(Refer to the section for battery/charger maintenance)*
- Ensure the charger is properly connected before switching it on. Never insert the ignition key while charging.
- Service the vehicle on time to maintain the warranty. Always apply both brakes simultaneously.
- Lock the vehicle properly when parking.
- Give way to others and signal before turning.

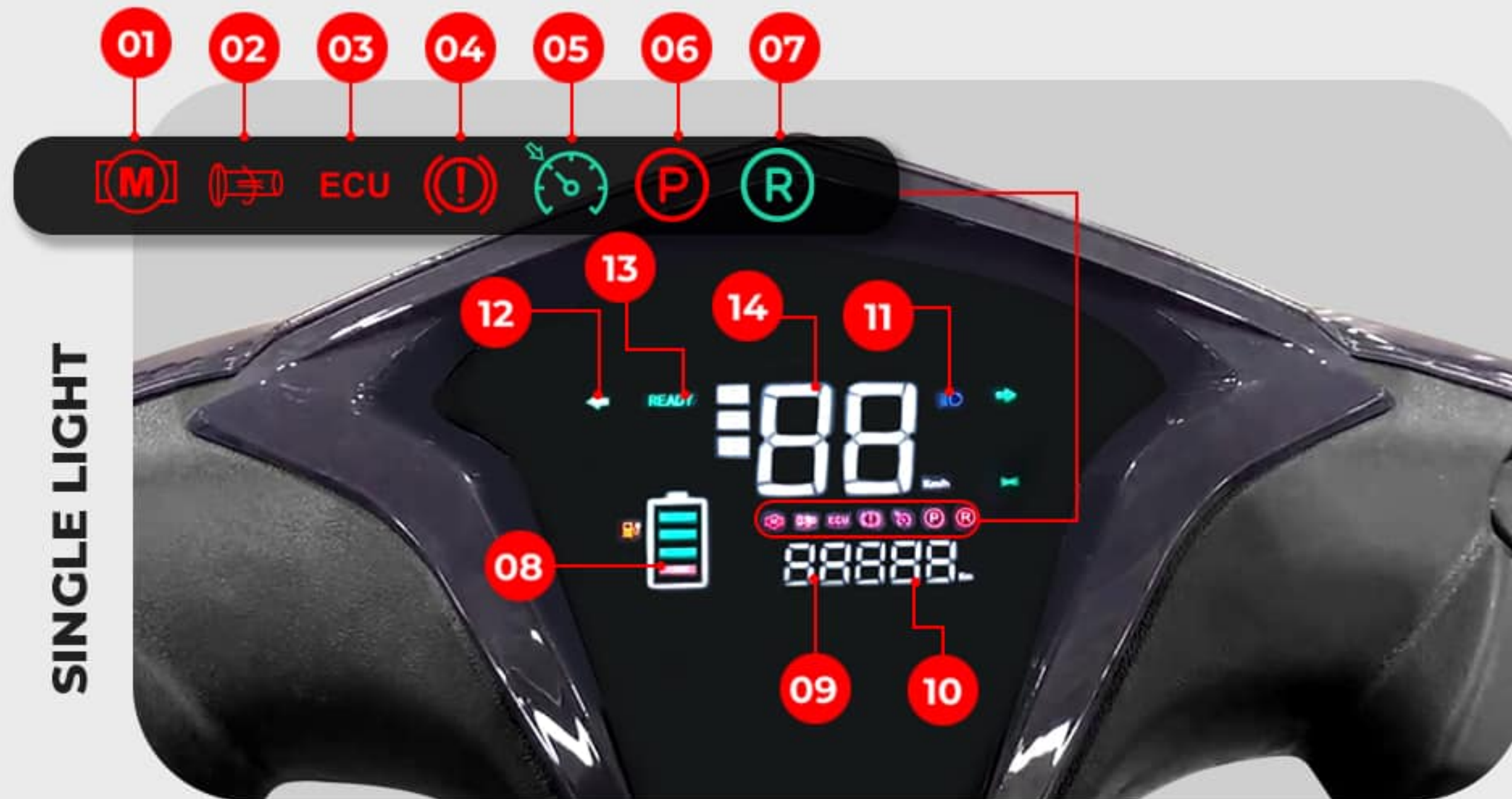
## Don'ts

- Never insert the ignition key or twist the throttle of the vehicle when resting on the side stand.
- Never drive with low tire pressure; it may result in loss of control as well as power loss in the vehicle.
- Never cover the battery charger while charging; after charging, allow it to cool down, then cover.
- Never overload the vehicle as this may reduce performance.
- Gradually raise the throttle at the start to save battery power.
- Never leave the keys in the vehicle when not in use.
- Never drive without a helmet for your own safety; follow safety rules.
- Never use a cell phone while riding the vehicle.
- Never wash the battery with water or other liquids, as it can be harmful.
- **Never charge the E-Scooter immediately after riding. Let the vehicle cool down for at least 60 minutes.**

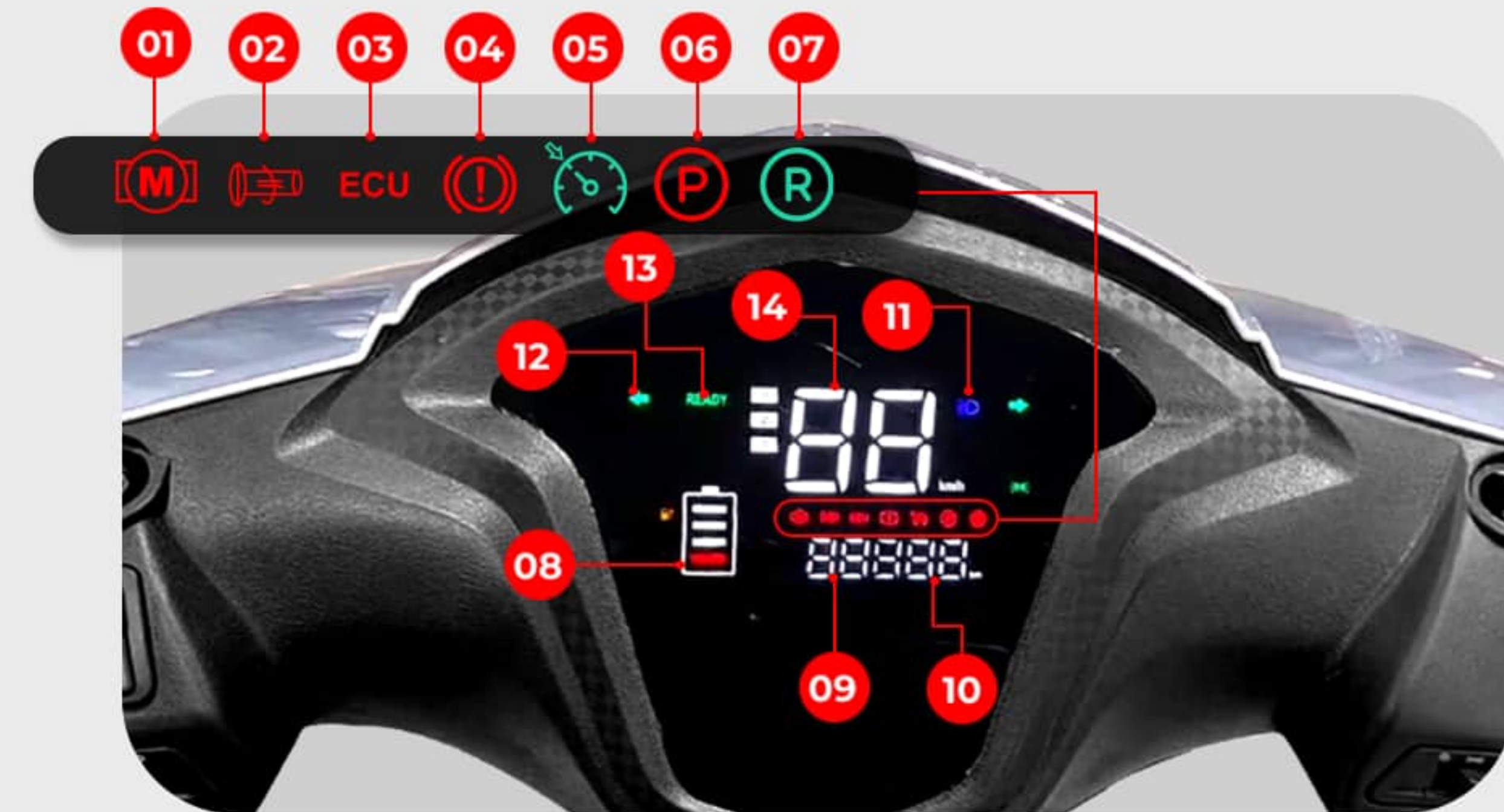


# SPEEDOMETER

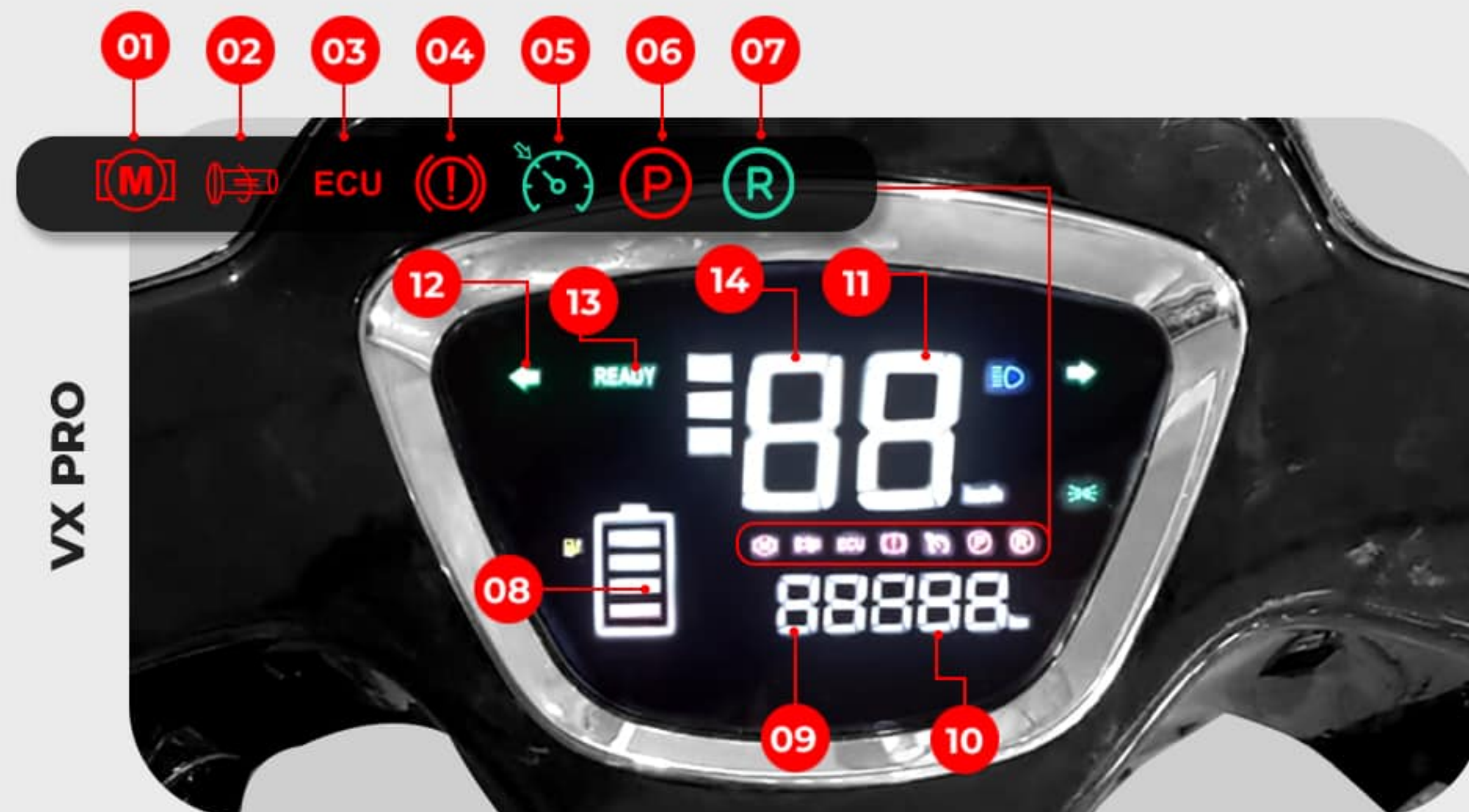
**91**  
ELECTRIC



SINGLE LIGHT



DOUBLE LIGHT



VX PRO



MERAKI

- 01. MOTOR
- 02. ACCELERATOR ERROR
- 03. ECU: CONTROLLER ERROR
- 04. BRAKE SENSOR

- 05. CRUISE CONTROL
- 06. PARKING
- 07. REVERSE
- 08. BATTERY INDICATOR

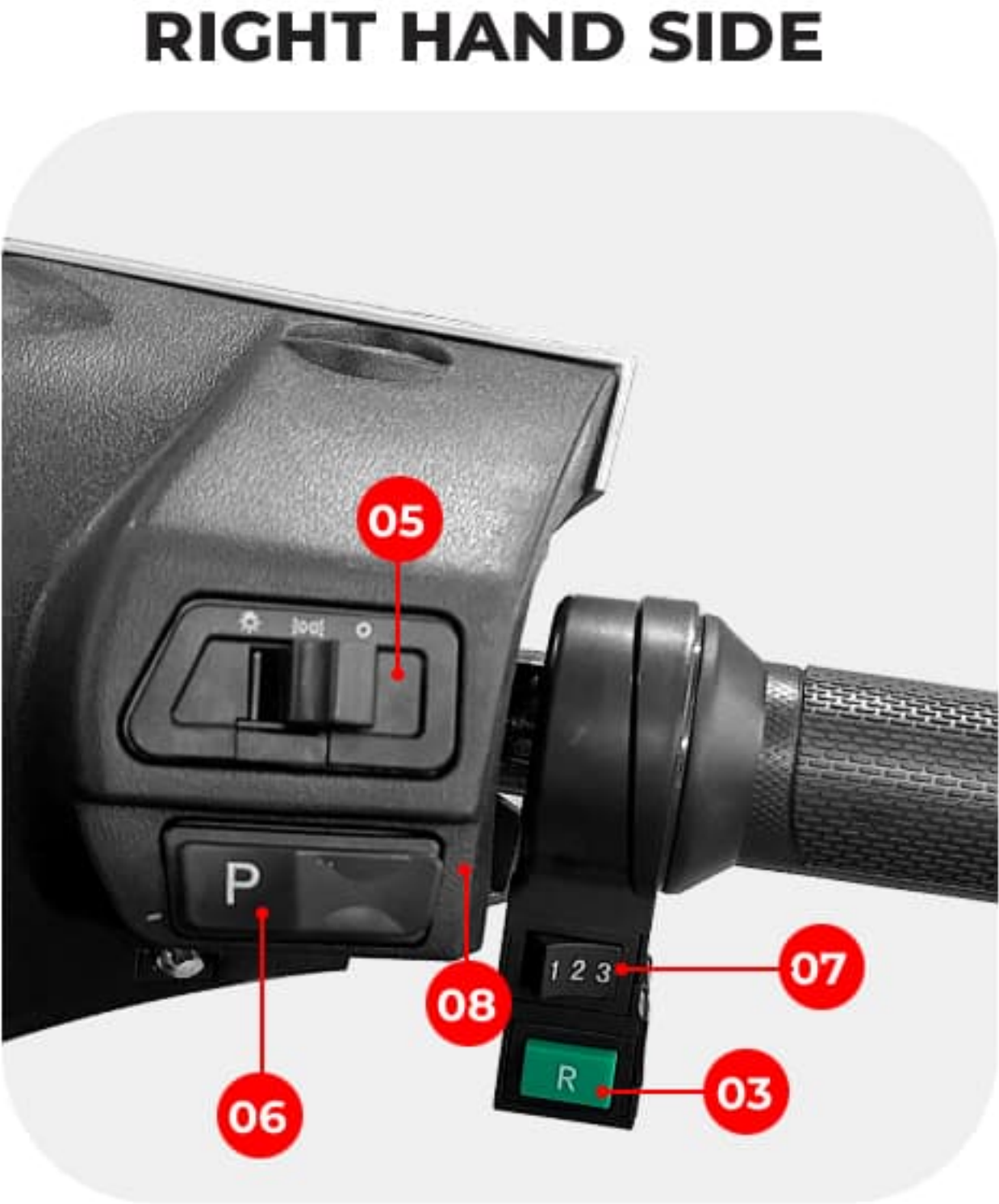
- 09. VOLT - SHOW
- 10. KM - SHOW
- 11. HEADLIGHT - DIPPER
- 12. LEFT/RIGHT INDICATOR

- 13. READY
- 14. SPEED



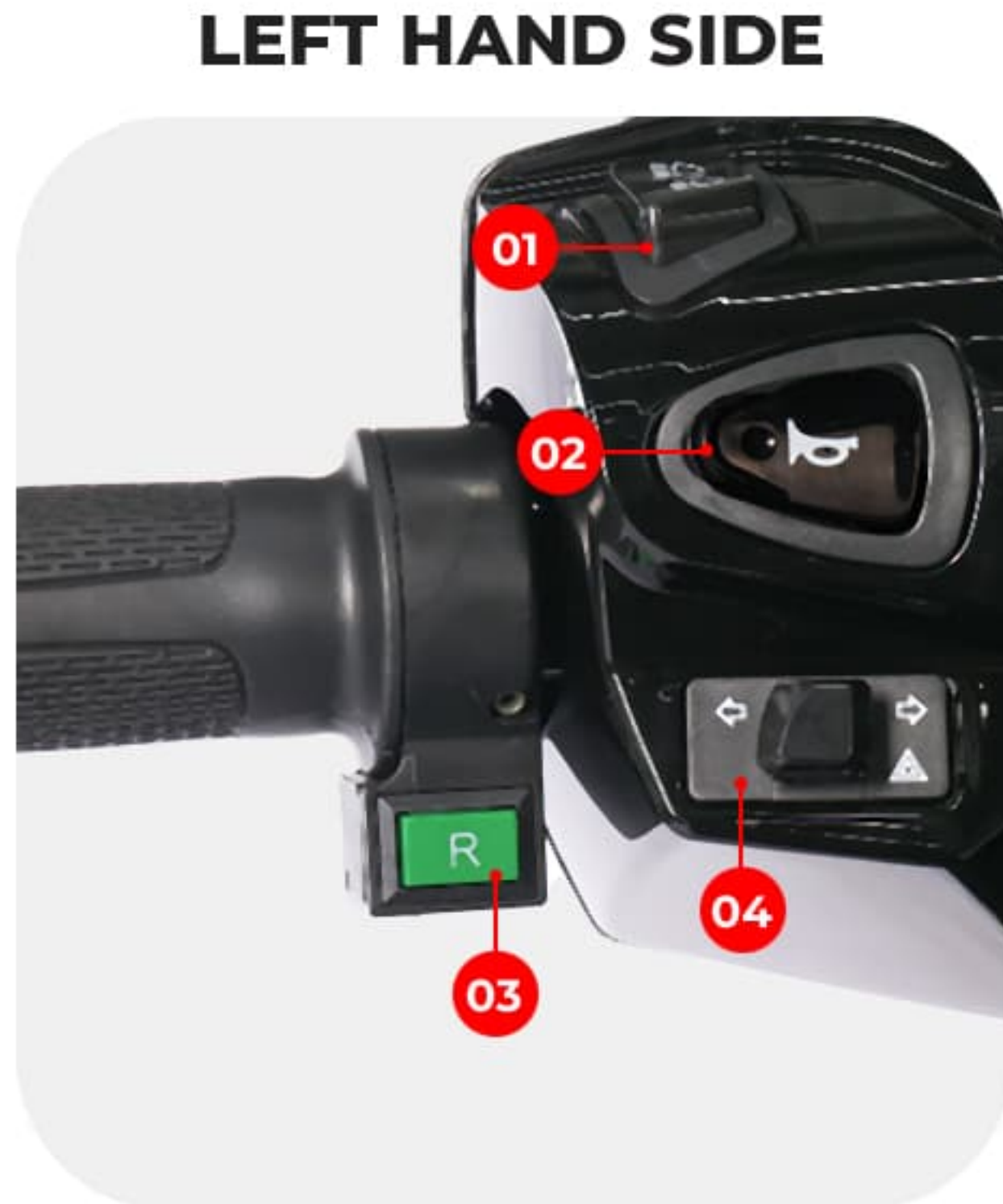
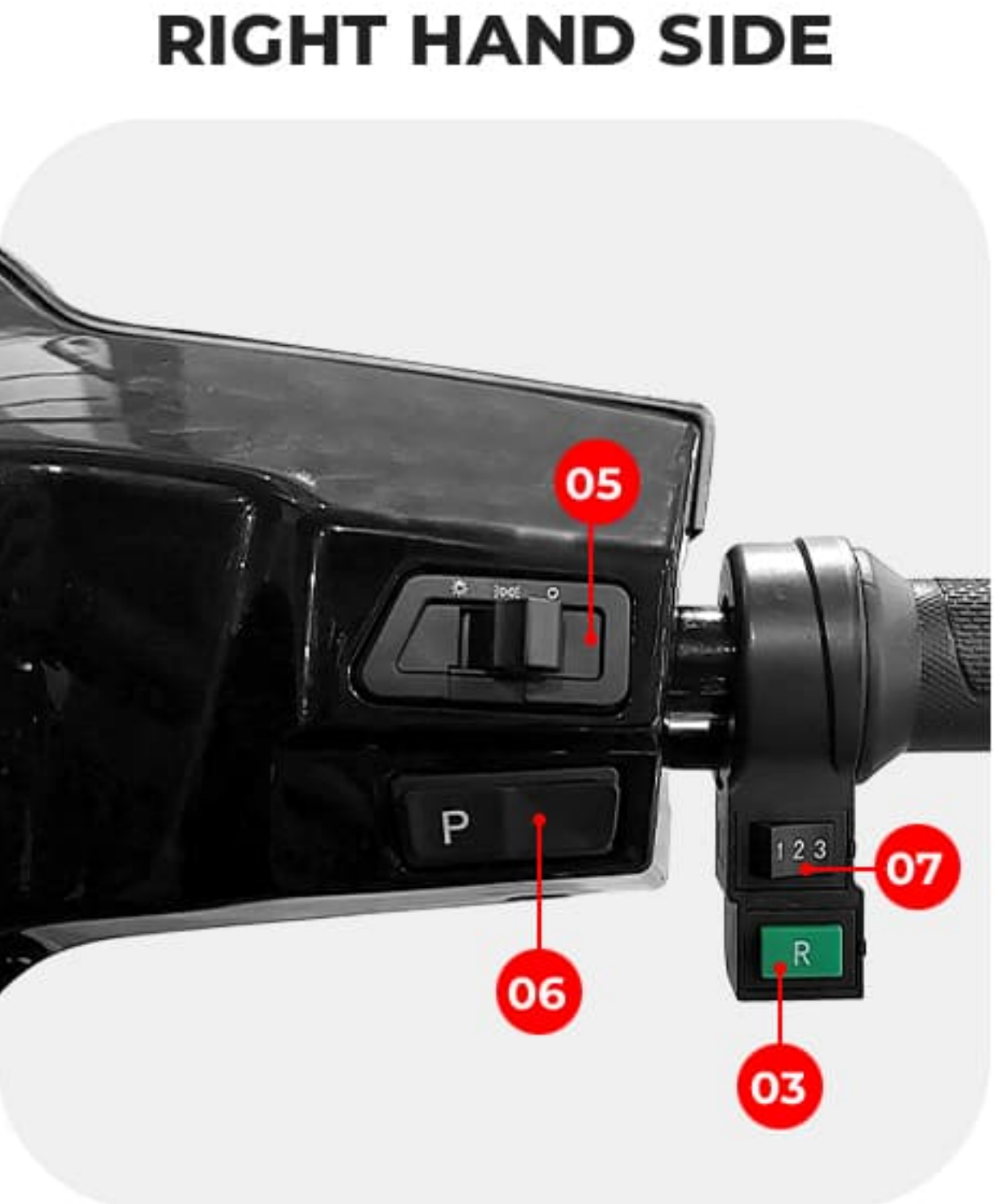
# HANDLEBAR SWITCHES

SINGLE LIGHT



DOUBLE LIGHT

VX PRO



MERAKI

- 01. DIPPER SWITCH
- 02. HORN
- 03. REVERSE
- 04. INDICATOR

- 05. HEAD LIGHT SWITCH
- 06. CRUISE MODE
- 07. SPEED MODE (NOT APPLICABLE FOR LOW SPEED)
- 08. PARKING SWITCH



# SMART REMOTE CONTROL

The smart remote control features a short-range radio transmitter and must be used within a specified range, typically 5-20 meters. It offers four key functions:

**Lock:** The motor applies reverse torque to resist forward and backward movement. A buzzer activates when motion is detected.

**Unlock:** Disengages both the Lock and Keyless Ignition functions.

**Keyless Ignition:** Double-clicking this button starts the vehicle without inserting a key.

**Buzzer:** Activates the buzzer for locating the vehicle or alerting others.

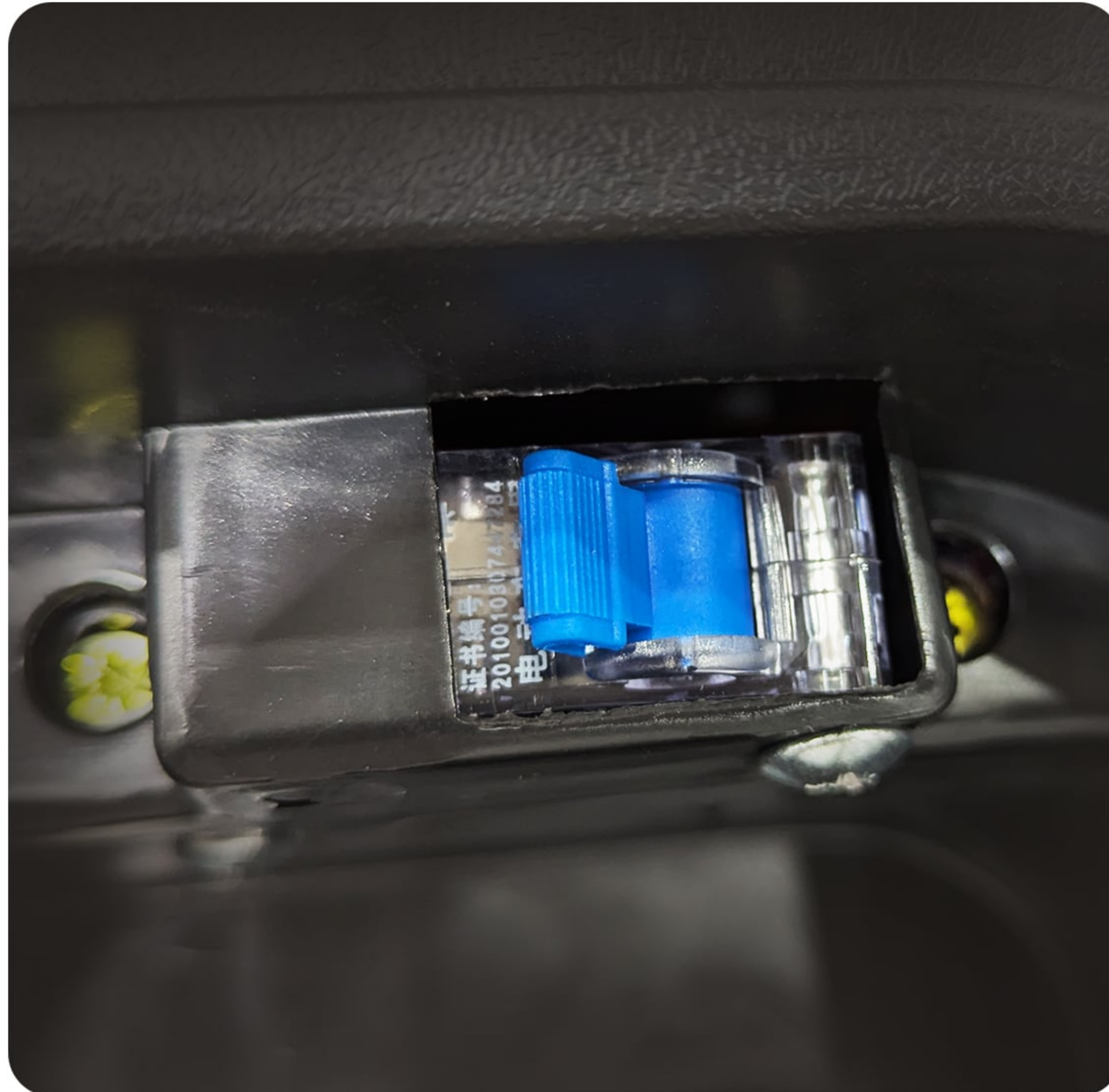




# MCB - MINIATURE CIRCUIT BREAKER



In case the current exceeds the set range due to an abnormal situation or short circuit, the MCB will trip automatically to disconnect the current flow between the battery and the E-bike's wiring system.



## TIPS:

For your own safety, set the MCB to the OFF position:

01. Before connecting or disconnecting the battery connector.
02. Before cleaning.
03. For long-term storage.



## Dos

- Protect the battery and charger from sunlight, rain, and excessive dust.
- Charge the battery in a well-ventilated area, away from children.
- Keep the charger and battery out of reach of children and pets.
- Charge the battery in a vertical position.
- When charging, connect the cable to the battery first, then power ON the charger.
- After charging, power OFF the charger first, then disconnect the cable.
- Ensure the battery and charger connections are secure, avoiding any sparking or overheating.
- Turn OFF and unplug the charger after the battery is fully charged.
- If the vehicle is idle for more than 15 days, charge the battery once.
- Please return the used battery to the nearest collection point or authorized dealer for recycling.

## Don'ts

- Do not use or store the battery in high temperatures.
- Do not short the terminals or open the casing; there are no serviceable parts inside.
- Do not use the charger for purposes other than charging the battery.
- Do not open the charger; it is sealed and opening it will void the warranty.
- Do not modify the length of the charger cable.
- Do not modify the charger case; such modifications can cause electric shock, short circuit, or fire.
- The warranty will be voided if you make any modifications to the scooter.
- This battery should not be disposed of in household waste. Improper battery disposal harms environment and human health.
- **Never charge the E-Scooter immediately after riding. Let the vehicle cool down for at least 60 minutes.**



## Driving Your E-Scooter

- The vehicle is non-geared; it starts directly when the ignition is ON and you accelerate.
- Take the bike off the main and side stand.
- Check tire pressure to ensure smooth running.
- Insert the ignition key.
- Sit on the bike and turn the key to the "ON" position.
- Ensure the battery is charged by checking the digital display.
- Slowly twist the throttle to move the e-scooter.
- Always wear a safety helmet.
- Do not overload the e-bike.
- After riding, switch off the MCB for safety.

## Dos and Don'ts While Driving

- The motor power cuts off when the brakes are applied; do not hold the brakes if you want to move.
- Avoid driving through deep pools of water. Dry the brakes by applying them lightly and repeatedly.
- On wet, loose, or sandy surfaces, avoid sudden braking and drive slowly to prevent skidding.
- Avoid abrupt acceleration and braking to maintain mileage.
- Watch out for moving and stationary vehicles.
- Avoid sharp turns; reduce speed while turning.
- Switch off lights, indicators, and the horn when not needed.
- On steep slopes, release the accelerator and lightly press the brakes to engage regenerative braking.
- In rain or on wet roads, use brakes cautiously and maintain a safe distance.
- Avoid driving in waterlogged areas, even though the motor is water-resistant.



## After Ride Dos

- Turn off the ignition and remove the keys.
- Place the bike on a stand on flat ground.
- Charge the bike after **60 minutes** to allow the battery to cool down.

## After Ride Don'ts

- Avoid putting the bike on the side stand while the ignition is ON.
- Do not hold the brake levers when the motor is supposed to run.

## Important Notes

- Sit comfortably on the e-bike before turning ON the power to prevent accidental movement.
- The brake levers have a power cut-off switch; releasing the brakes will cut off power.
- Maintain correct tire pressure to avoid premature tire failure and reduce energy use.

Tyre	Pressure
Front	28-30 PSI
Rear	34-36 PSI

**Avoid using high-pressure washers, as it will void the warranty.**



## Battery Performance Parameters:

- 91 Electric Scooter, when fitted with a new battery, provides the stated mileage under specified conditions.
- Mileage may vary depending on driving conditions.

## Actual Battery Performance:

- **Range:** Mileage depends on several factors, including road conditions, traffic density, tire pressure, grade-ability, start-stops, acceleration, charge level, load, driving style, and vehicle and battery maintenance. Over time, the mileage per full charge will decrease as the battery ages. This is typical behavior for batteries.
- **Warranty:** Batteries are covered against manufacturing defects only and not against normal performance deterioration. Please refer to the battery warranty clauses for detailed information.
- **Maintenance:** Mileage and battery condition may deteriorate further if the battery care and precaution steps outlined in this manual are not followed properly.

## Service Frequency

- 91 Electric E-Scooters should be serviced every 3 months from the authorized 91 Electric dealer

## Parts covered under Warranty

Parts	Lead Acid	Li-ion
Battery	12 Months or 12,000KM (whichever is earlier)	24 Months or 30,000KM (whichever is earlier)
Motor	12 Months Warranty	12 Months Warranty
Controller	12 Months Warranty	12 Months Warranty
Charger	6 Months Warranty	6 Months Warranty

All time periods (6–12 months) mentioned in the table on the left are counted from the date of dispatch from the factory.

An additional 1-month warranty extension may be granted solely at the discretion of 91 Electric.

If a 91 Electric-approved battery or charger is not used, the motor and controller warranty will be null and void.



# WARRANTY TERMS & CONDITIONS



**Warranty on proprietary items of Indian Origin:** Proprietary select items like tyres, tubes are warranted by their respective Indian manufacturer and should be claimed on them directly by the customer. 91 Electric shall not be liable in any manner to replace them though 91 Electric dealers will give full assistance in preferring such claims on their Indian Manufacturers.

**Consumable parts which are not covered under warranty.** Such as front/rear brake shoe, all bulbs, tyres, tubes, all plastic/rubber parts, bearings and all cables i.e. front/rear brake cable etc.

**91 Electric will not be held liable** for any personal injuries or damages of any type to the rider and any other person due to failure of any part of the E-Scooter

**91 Electric will not be held liable** for any incident of fire to the E-Scooter due to tampering of E-Scooter wiring, faulty house wiring, charging in unventilated area, charging with inflammable objects in the vicinity.

## Performance parameters of the batteries

- 1) 91 Electric E-Scooter fitted with new battery gives the stated mileage under stated conditions.
- 2) Batteries are like fuel for your 91 Electric E-Scooter and start getting consumed with time, e.g. the mileage on day 1 will be the highest and day 90 will be comparatively low, and Day 120 will be lower as compared to Day 90 and so on. This is a natural phenomenon of the E-Scooter batteries. A 15-20% reduction in battery capacity, leading to an equivalent decrease in mileage per full charge every 9 to 12 months, is considered normal.

## Actual Performance of the Batteries

- 1) Range: The mileage depends on many variable factors such as road conditions, traffic density, tyre pressure, grade-ability, start stops, acceleration, charge level, load, driving style and the condition of vehicle and battery maintenance. The mileage will reduce as battery is consumed. The mileage will also reduce as battery grows old which is a normal decay phenomenon.
- 2) The batteries are warranted against manufacturing defects only and not against normal deterioration in their performance. Please read the battery warranty clauses carefully.

The mileage and the condition of your 91 Electric E-Scooter batteries can reduce more if any of the steps mentioned in Battery Health Tips card given to you at the time of delivery of 91 Electric E-Scooter (also, reproduced in the manual) is not carried out properly (Refer to the Battery Dos & Don't section).



**OBLIGATIONS:** If any manufacturing defect(s) is(are) observed in any E-Scooter within the warranty period as mentioned, 91 Electric's only obligation is to repair or replace defective parts with new parts or equivalent at no cost to the customer for part or labour when 91 Electric acknowledges that such malfunction is caused due to faulty material or workmanship during manufacturing.

**NOTE:** The company's decision to replace or repair the affected part will be final. In the event of replacement of part(s), the company reserves the right to use parts of the same brand as the affected part or any other brand which is used by the company in the course of manufacturing. All replaced parts under this warranty will become the property of the company and must be returned to the company.

## TERMS & CONDITIONS:

### E-SCOOTER WARRANTY WILL BE NULL AND VOID IF YOUR E-SCOOTER IS:

- 1) Used for commercial purposes or carrying more than permissible load.
- 2) Used for stunts or competitions or jumping.
- 3) Not serviced from our authorized service stations as per schedule and frequency mentioned in the manual.
- 4) Repaired or spare parts replaced from a non-authorized source.
- 5) Tampered, sealed, power train components opened.
- 6) Fitted with accessories other than approved by 91 Electric.
- 7) Modified/alterd for any specific use other than as a personal transport.
- 8) Resold to any other person/company.
- 9) Damaged due to natural or manmade calamities such as flooding, fire, falling objects, accidents, etc.
- 10) Nonfunctional due to natural wear and tear, ageing, misuse or negligence.
- 11) Not operated/Not maintained/Not charged/worn items not replaced as per guidelines in this manual.
- 12) Fitted with batteries other than those supplied by company.
- 13) The warranty does not cover any personal injuries or damages of any type to the rider and any other person due to failure of any part of the E-Scooter.



91 Electric reserves the right to modify or withdraw any part of the warranty policy without prior notice. It is essential to have your E-Scooter regularly serviced at an Authorized Service Station. During these services, the batteries are checked for their condition, and necessary actions are taken to prevent further damage or failure. The warranty will be void if servicing is not performed according to the schedule outlined in this owner's manual.

- The E-Scooter battery is designed exclusively for electric scooters and should not be used for any other applications.
- The battery warranty will be void if the conditions outlined in this user manual are not fully followed.
- This warranty policy applies only to new vehicles with the original battery set sold to the customer for the first time.
- To claim the warranty, defective batteries must be returned to 91 Electric free of charge.
- The batteries will be recycled according to Government of India guidelines.

For commercial applications like E-Bike taxi, deliveries, bike sharing, bike rentals or otherwise used in overload conditions (permissible limit) or overuse conditions (beyond the standard range/day) the warranty of the E-Scooter and the batteries will be **Null & Void**

Personal use of 91 E-Scooter is defined as light to medium usage generally consuming up to 75% of charge of the battery per day. Any 91 E-Scooter that consumes more than 75% of charge per day will be treated as commercial use.

**Warranty is valid if** your E-Scooter is delivered and subsequently serviced by an authorized 91 Electric Dealer as per frequency and schedule mentioned in this manual.

## Shipping & Transport Damages

- Any damaged parts related to shipping & transportation of E-Scooters will be replaced by 91 Electric only if the shipping & transportation has been handled by 91 Electric, and the damage has been reported by the dealer or customer within 48 hours of receiving the 91 E-Scooter.
- In cases where dealers or customers manage their own shipping & transportation from the 91 Factory or 91 Electric distributor, 91 Electric will not be responsible for any shipping or transportation-related damages.

Please ensure that used or scrap batteries are returned only to our authorized dealers. They should not be sold or disposed of through local vendors.



## 91 ELECTRIC SCOOTER SERVICE MAINTENANCE SCHEDULE

Customer Name : \_\_\_\_\_ Contact No. : \_\_\_\_\_

Model Name : \_\_\_\_\_ Motor No. : \_\_\_\_\_ Charger No. : \_\_\_\_\_

Battery No. : \_\_\_\_\_ Chassis No.: \_\_\_\_\_ Date of Sale : \_\_\_\_\_

Service Schedule (Whichever comes first)	First Service	Second Service	Third Service	Fourth Service
Service Period	90 Days	180 Days	270 Days	360 Days
	1,000-1,200 Kms	3,000-3,500 Kms	6,000-7,000 Kms	10,000-11,000 Kms
Actual Service Date				
KM Reading				
Dealer Signature & Stamp				



# DELIVERY CERTIFICATE



Customer Name : \_\_\_\_\_ Contact No. : \_\_\_\_\_

Date of Birth : \_\_\_\_\_ Date of Sale : \_\_\_\_\_ Gender : \_\_\_\_\_

Model : \_\_\_\_\_ Colour : \_\_\_\_\_

Address : \_\_\_\_\_

Town / City : \_\_\_\_\_ State : \_\_\_\_\_ Pin Code : \_\_\_\_\_ Email : \_\_\_\_\_

## Vehicle Details

Chassis No.: \_\_\_\_\_ Motor No. : \_\_\_\_\_

Battery No. : \_\_\_\_\_ Charger No. : \_\_\_\_\_

Controller No. : \_\_\_\_\_ Dealer Name : \_\_\_\_\_

### Along with the vehicles I have also received the following:

- Owner's manual
- Keys with remote control
- Battery Charger

#### Declaration

1. The consignee of E- Scooter has checked & confirmed that max speed is 25 Km/Hr and Motor Watts is less than 250W only.
2. Buying Lithium Battery is consignee's decision. Hereby any climatic adversity is buyers' responsibility

Dealer's Signature and stamp

Customer's Signature



## 1<sup>ST</sup> SERVICE COUPON :

**1,000/1,200 KMS or within 90 days**  
(Whichever is earlier from the date of delivery)

DATE OF  
DELIVERY

DATE OF  
SERVICE

KMs

COUPON  
NO.

JOB CARD  
NO.

DEALER STAMP  
& SIGN.

## 1<sup>ST</sup> SERVICE COUPON :

**1,000/1,200 KMS or within 90 days**  
(Whichever is earlier from the date of delivery)

Customer Name : \_\_\_\_\_

Address : \_\_\_\_\_

Contact No. : \_\_\_\_\_

Email : \_\_\_\_\_

Dealer Name: \_\_\_\_\_

Model Name & Color : \_\_\_\_\_

Invoice No. : \_\_\_\_\_

Date of Sale : \_\_\_\_\_

Chassis No. : \_\_\_\_\_

Motor No. : \_\_\_\_\_

Battery No. : \_\_\_\_\_

Charger No: \_\_\_\_\_

KMs : \_\_\_\_\_

Service Date : \_\_\_\_\_

Job Card No. : \_\_\_\_\_

Customer's Signature

Dealer's Signature & Stamp







## 2<sup>ND</sup> SERVICE COUPON :

**3,000/3,500 KMS or within 180 days**  
(Whichever is earlier from the date of delivery)

DATE OF  
DELIVERY

DATE OF  
SERVICE

KMs

COUPON  
NO.

JOB CARD  
NO.

DEALER STAMP  
& SIGN.

## 2<sup>ND</sup> SERVICE COUPON :

**3,000/3,500 KMS or within 180 days**  
(Whichever is earlier from the date of delivery)

Customer Name : \_\_\_\_\_

Address : \_\_\_\_\_

Contact No. : \_\_\_\_\_

Email : \_\_\_\_\_

Dealer Name: \_\_\_\_\_

Model Name & Color : \_\_\_\_\_

Invoice No. : \_\_\_\_\_

Date of Sale : \_\_\_\_\_

Chassis No. : \_\_\_\_\_

Motor No. : \_\_\_\_\_

Battery No. : \_\_\_\_\_

Charger No: \_\_\_\_\_

KMs : \_\_\_\_\_

Service Date : \_\_\_\_\_

Job Card No. : \_\_\_\_\_

Customer's Signature

Dealer's Signature & Stamp







## 3<sup>RD</sup> SERVICE COUPON :

**6,000/7,000 KMS or within 270 days**  
(Whichever is earlier from the date of delivery)

DATE OF  
DELIVERY

DATE OF  
SERVICE

KMs

COUPON  
NO.

JOB CARD  
NO.

DEALER STAMP  
& SIGN.

## 3<sup>RD</sup> SERVICE COUPON :

**6,000/7,000 KMS or within 270 days**  
(Whichever is earlier from the date of delivery)

Customer Name : \_\_\_\_\_

Address : \_\_\_\_\_

Contact No. : \_\_\_\_\_

Email : \_\_\_\_\_

Dealer Name: \_\_\_\_\_

Model Name & Color : \_\_\_\_\_

Invoice No. : \_\_\_\_\_

Date of Sale : \_\_\_\_\_

Chassis No. : \_\_\_\_\_

Motor No. : \_\_\_\_\_

Battery No. : \_\_\_\_\_

Charger No: \_\_\_\_\_

KMs : \_\_\_\_\_

Service Date : \_\_\_\_\_

Job Card No. : \_\_\_\_\_

Customer's Signature

Dealer's Signature & Stamp







## 4<sup>TH</sup> SERVICE COUPON :

**10,000/11,000 KMS or within 360 days**  
(Whichever is earlier from the date of delivery)

DATE OF  
DELIVERY

DATE OF  
SERVICE

KMs

COUPON  
NO.

JOB CARD  
NO.

DEALER STAMP  
& SIGN.

## 4<sup>TH</sup> SERVICE COUPON :

**10,000/11,000 KMS or within 360 days**  
(Whichever is earlier from the date of delivery)

Customer Name : \_\_\_\_\_

Address : \_\_\_\_\_

Contact No. : \_\_\_\_\_

Email : \_\_\_\_\_

Dealer Name: \_\_\_\_\_

Model Name & Color : \_\_\_\_\_

Invoice No. : \_\_\_\_\_

Date of Sale : \_\_\_\_\_

Chassis No. : \_\_\_\_\_

Motor No. : \_\_\_\_\_

Battery No. : \_\_\_\_\_

Charger No: \_\_\_\_\_

KMs : \_\_\_\_\_

Service Date : \_\_\_\_\_

Job Card No. : \_\_\_\_\_

Customer's Signature

Dealer's Signature & Stamp



# ***91***

## ***ELECTRIC***



**SCAN NOW  
& AVAIL  
WARRANTY**

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