



QUICK START GUIDE

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Ather 450X® was crafted with obsessive attention to detail. It was designed from the ground up to make urban stop-and-go traffic more bearable. But before you get on the easy, comfy ride, here's everything you need to know.

This quick start guide will tell you all about the features and components of the Ather 450X, the Ather App™, the battery pack and the Ather Dot™.

This guide helps you get going, the moment you receive your Ather 450X keys.

Disclaimer: All the Ather Connect™ features on the app are available only with the Pro.

THE TWO BIG WORDS

WARNING indicates something that could hurt you or others.

The other one is **CAUTION**, it indicates something that could harm your scooter.



WARNING

- FIRST AND FOREMOST**

Read this thoroughly before your first ride. So many things are new. Once you understand all the controls and features, you'll be ready to hit the road.

- MAINTENANCE IS A MUST**

Along with good ride handling skills, regular inspection and maintenance are essential for a great experience. Following these simple rules will make sure that your warranty stays intact.

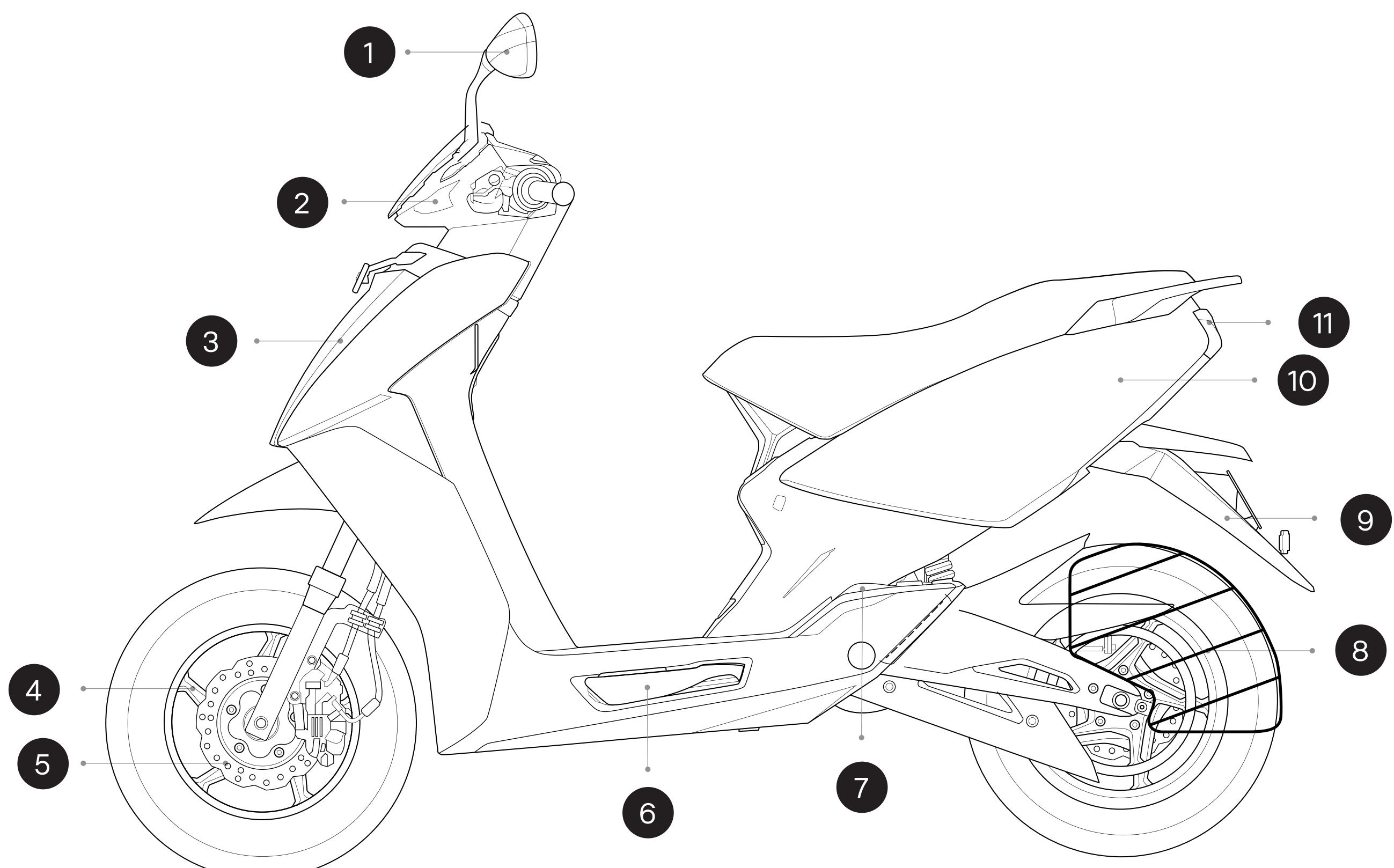
- NO TINKERING**

We know you wouldn't mess around with the high voltage components like the battery pack, motor etc. Still we need to put on paper that they should be serviced only by Ather technicians.

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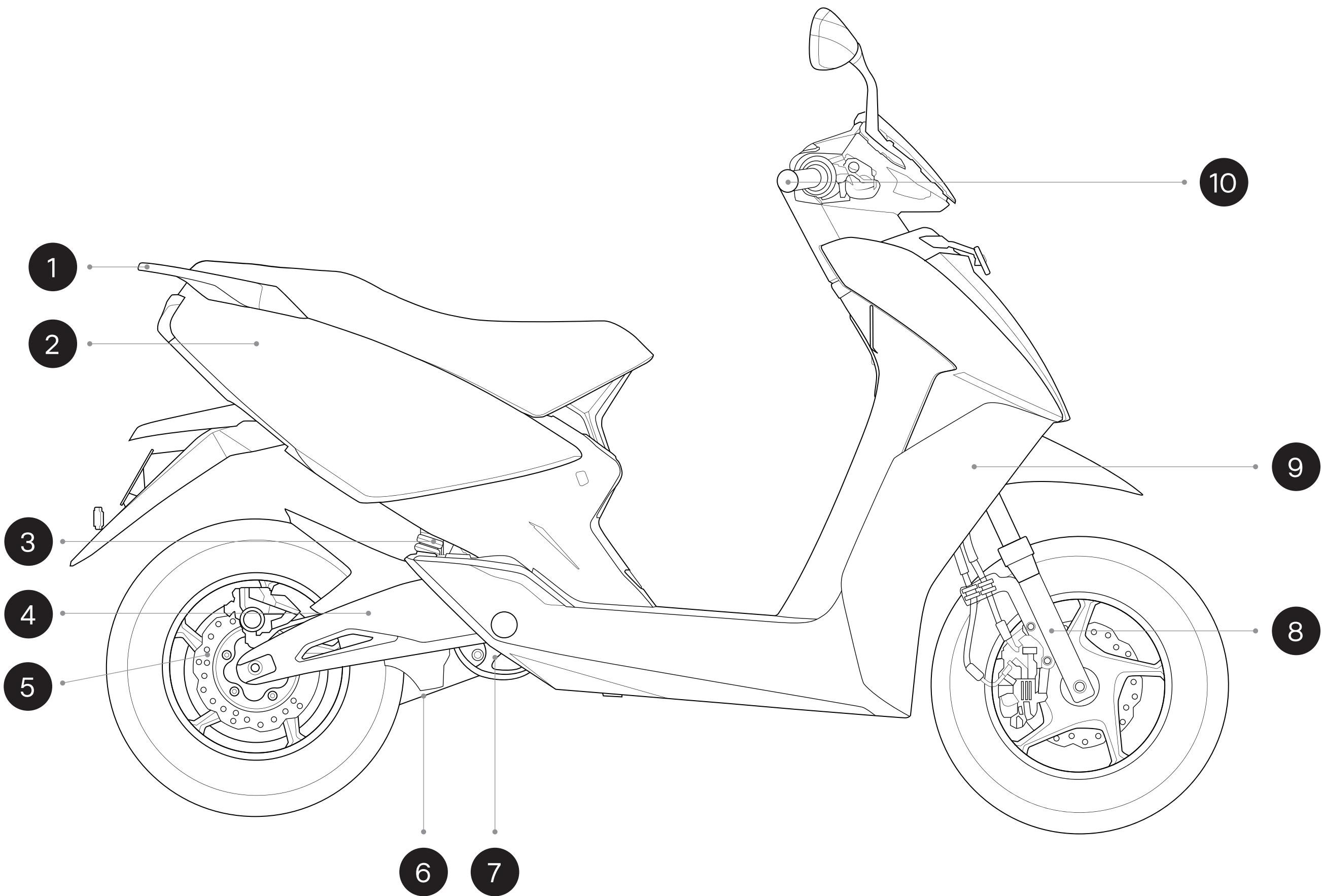
KNOW
YOUR
MOTHER
CLOSELY

LEFT SIDE VIEW



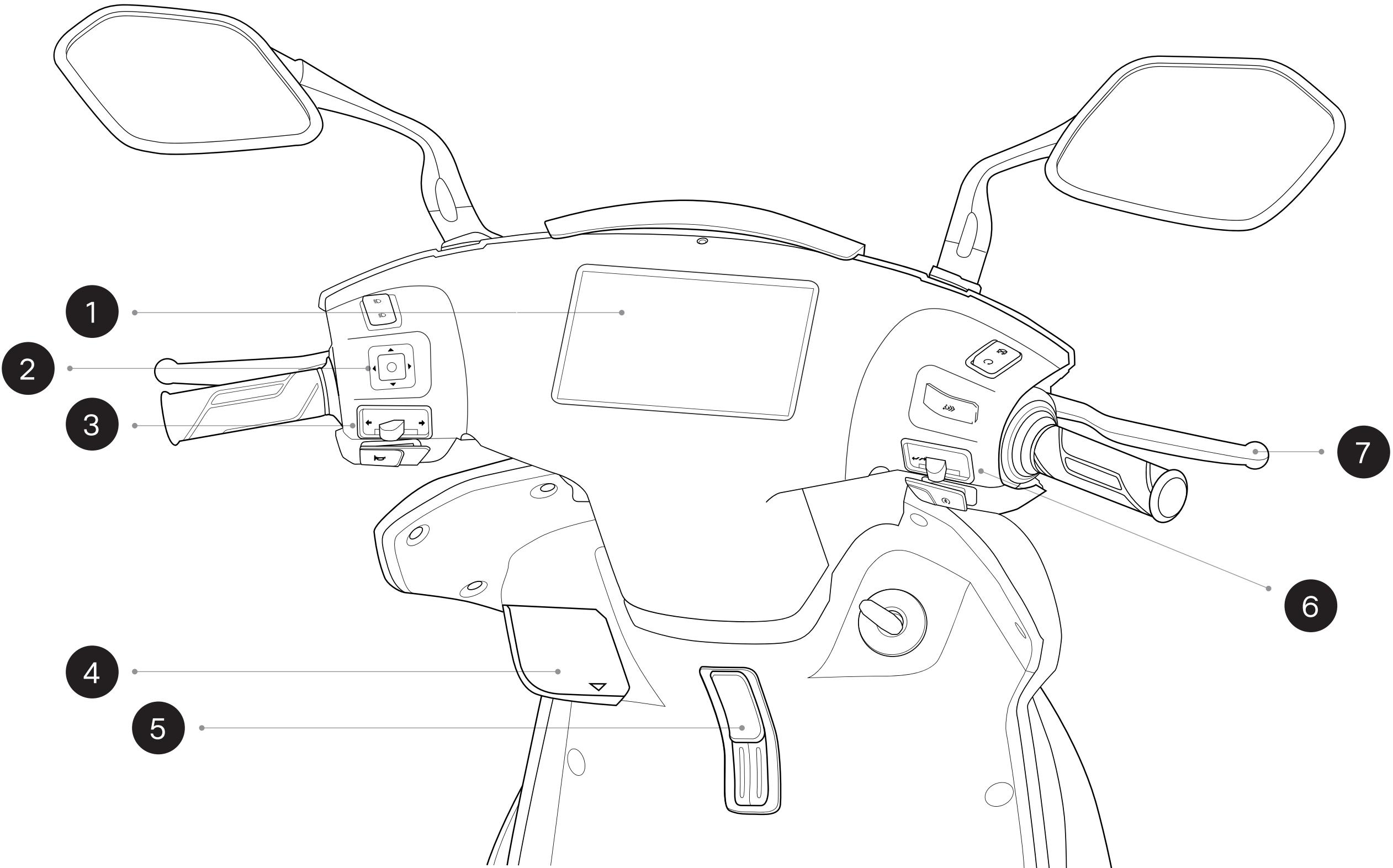
- | | |
|------------------------------|----------------------------------|
| 1 Rear view mirror | 7 Pillion footrest |
| 2 Integrated indicator lamps | 8 Saree guard |
| 3 Head lamp | 9 Rear fender number plate mount |
| 4 Alloy wheels | 10 Rear side panel |
| 5 Front disc brake | 11 Tail and indicator lamps |
| 6 Side stand with sensor | |

RIGHT SIDE VIEW



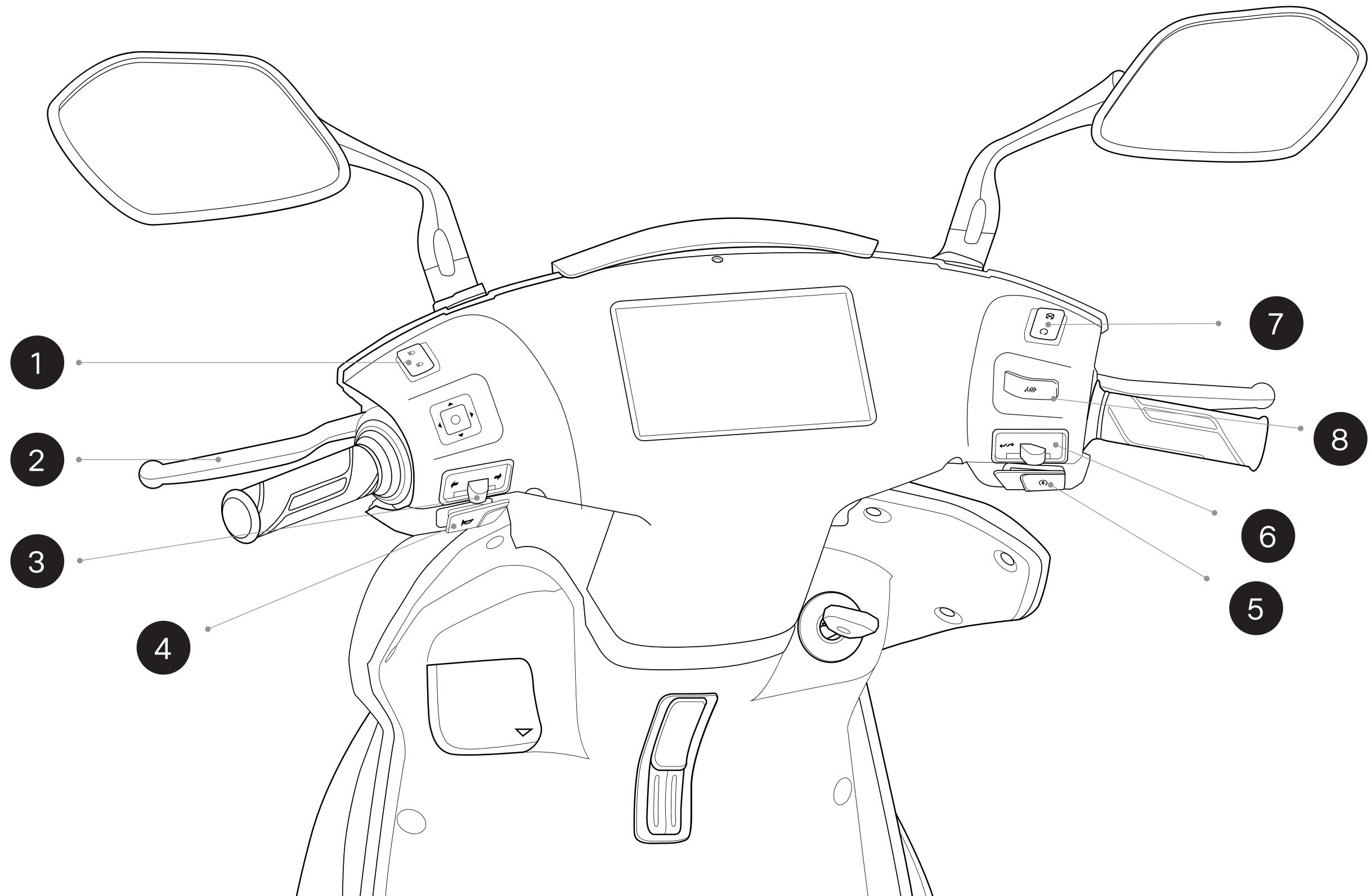
- | | |
|--------------------|-------------------------|
| 1 Pillion grabrail | 6 Drive belt |
| 2 Rear side panel | 7 Pulley |
| 3 Rear suspension | 8 Front fork suspension |
| 4 Swing arm | 9 Floating panel |
| 5 Rear disc brake | 10 Accelerator grip |

DASHBOARD AND SWITCHGEAR



-
- 1 Touchscreen dashboard
 - 2 Joystick
 - 3 LHS grip and switchgear
 - 4 Charging port
 - 5 Luggage hook and switchgear
 - 6 RHS grip/accelerator and switchgear
 - 7 Front brake lever

DASHBOARD AND SWITCHGEAR



-
- | | |
|----------------------------------|----------------------|
| 1 Headlight high/low beam switch | 6 Mode change switch |
| 2 Combined braking system | 7 Kill switch |
| 3 Turning indicator | 8 Park Assist™ |
| 4 Horn | |
| 5 Motor starter | |

Disclaimer: Riding modes available only with the Pro.

SWITCHGEAR: LEFT-HAND SIDE

HORN

Press this switch when you need to sound the horn.

TURNING INDICATOR

Toggle this switch left/right to turn ON the indicator lights. They turn OFF automatically once the turn is complete. Press the center to turn OFF the indicator manually.

HIGH BEAM SWITCH

This switch turns on the high beam headlight. Avoid using this as the default mode to avoid inconveniencing fellow riders on the road.

COMBINED BRAKING SYSTEM

The lever on the left-hand side activates the Combined Braking System that applies brakes to both the wheels.

Disclaimer: Auto turn indicator is only available with the Pro.

JOYSTICK

Use the joystick to navigate through Bluetooth controls, charging controls, ride and feature settings.

Disclaimer: Some Bluetooth, ride and feature settings are available only with the Pro.

SWITCHGEAR: RIGHT-HAND SIDE

MOTOR STARTER

Turns the motor ON, and kickstarts the scooter.
It also changes directions when using Park Assist™.

TOGGLE SWITCH

Switches between riding modes displayed on the screen with a left/right toggle, when the key is ON.
Changes the mode while riding as well. To do so, the throttle has to be at 0.

KILL SWITCH

Disables the motor controller to help you be extra sure that the motor is OFF when you need to halt.

ACCELERATOR GRIP

Controls the acceleration and speed of the scooter. It also activates regenerative braking when twisted in the reverse (anti-clockwise) direction.

FRONT BRAKE LEVER

Actuates the front brake to control the speed of the scooter.

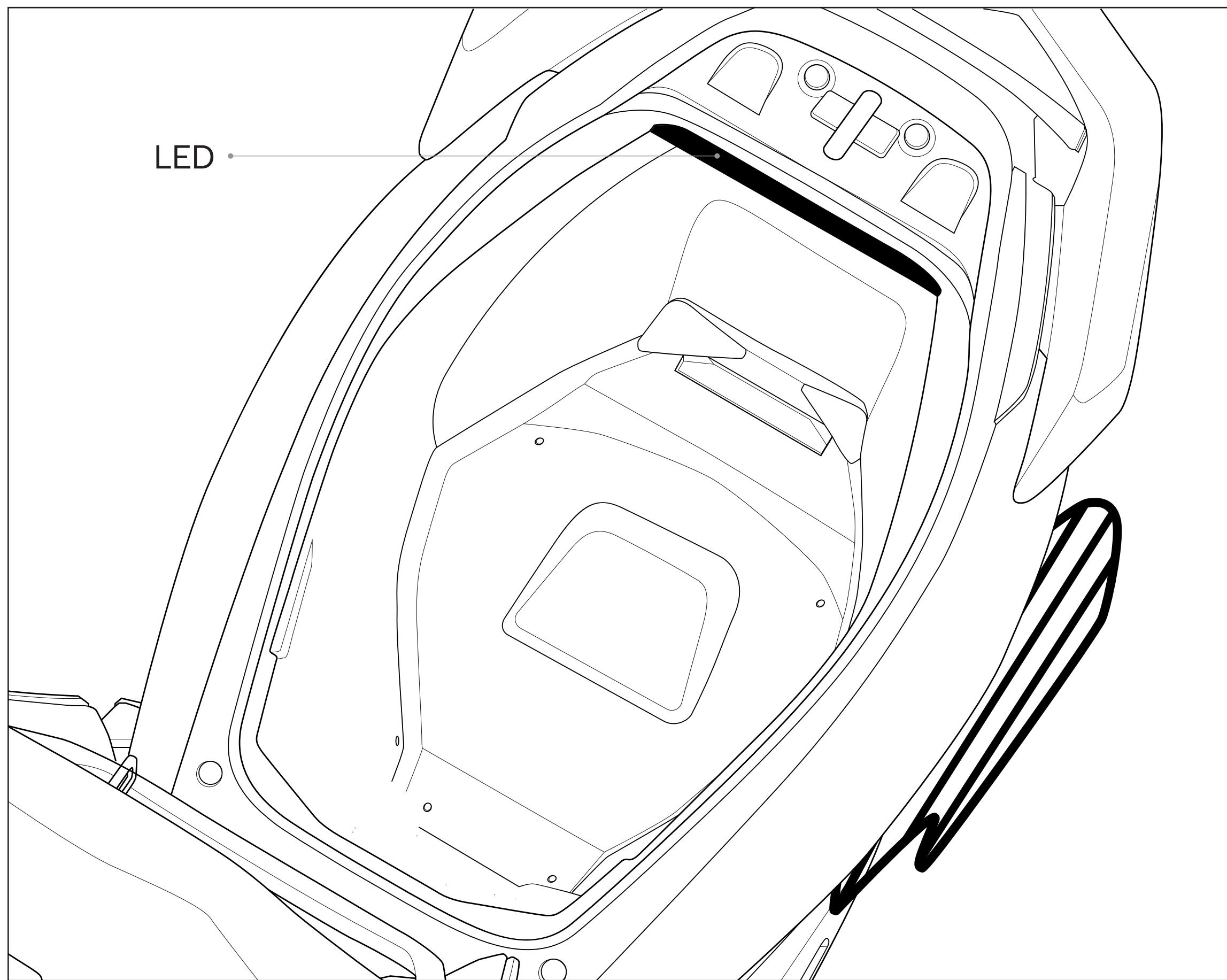
PARK ASSIST™ SWITCH

Engages Park Assist™ mode when stationary.

Disclaimer: Bluetooth controls are available only with the Pro.

UNDER-SEAT STORAGE

Smartly designed to accommodate a full-sized helmet, it also has an LED strip lamp so that finding things in poorly lit parking spaces is easier. Carry up to 15 kg and a volume of 22L.

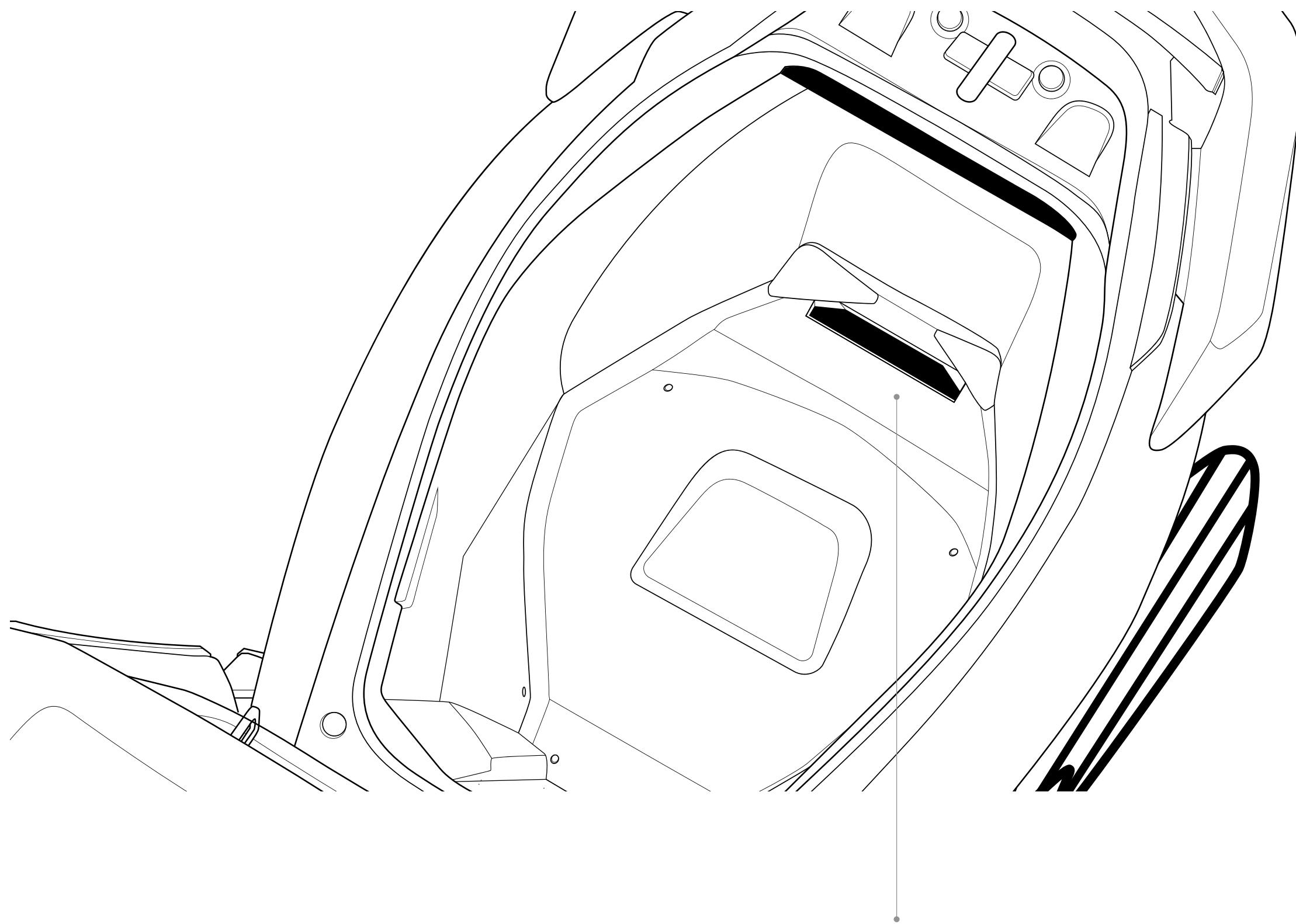


CAUTION

Do not overfill the under-seat storage. A simple check: the seat should close effortlessly when you drop it down. If you need to press it down, it's over-packed and there is a high possibility that it gets damaged.

CAUTION

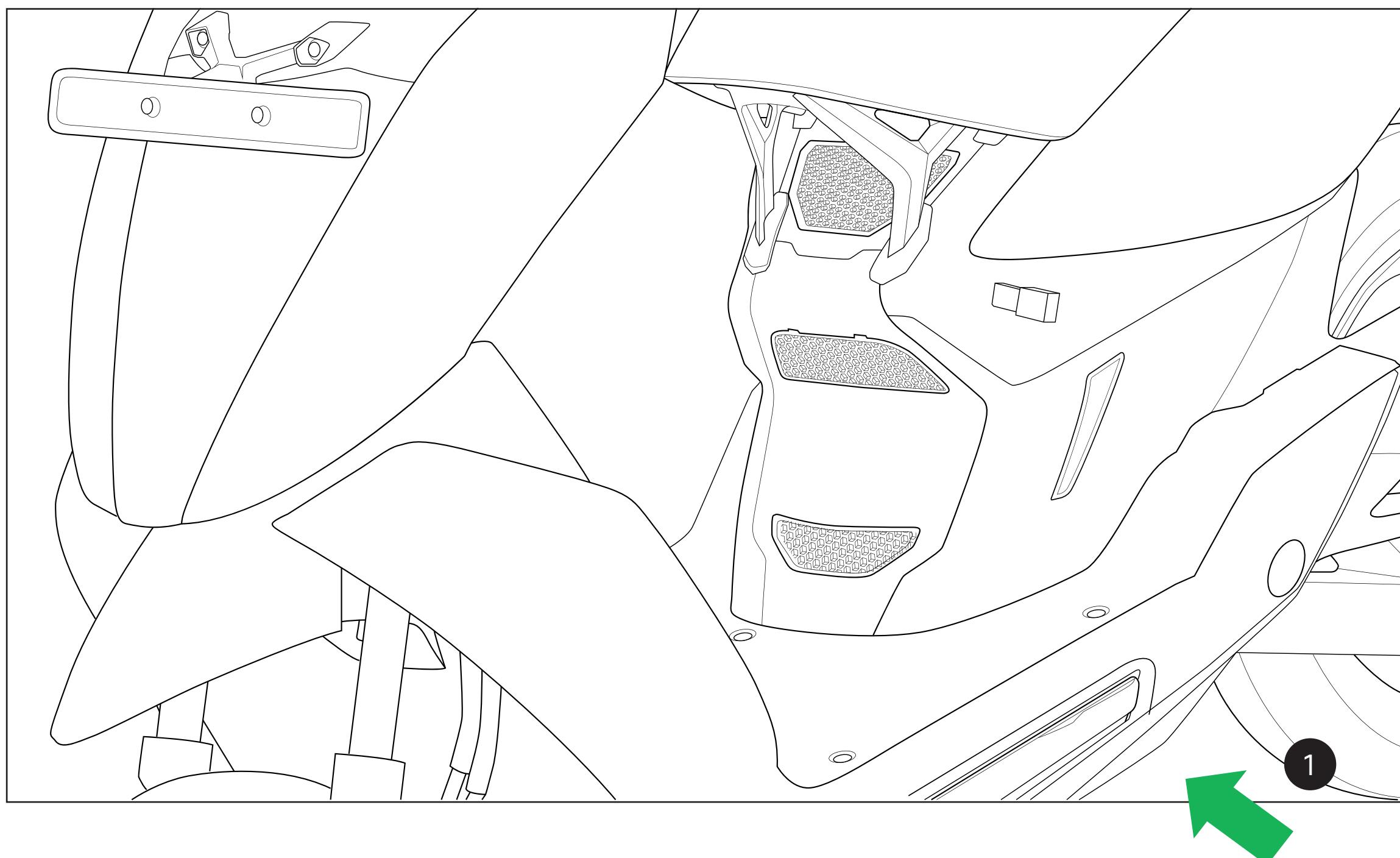
The storage box is built to be rain-proof. But water can seep through if a pressure jet wash is used to clean the scooter. Remember to empty the under-seat storage before washing. Always store the portable charger in its cover to protect it from water leaks.



SCOOTER IDENTIFICATION NUMBER (VIN) / CHASSIS NUMBER

Each scooter has a unique VIN. On the Ather 450X, it is engraved on the chassis. Remove the rubber grommet in the under-seat storage to access it.

It's a 17 digit number in this format: MYH
XXXXXXXXXXXXXXX



MOTOR SERIAL NUMBER

Can be spotted at the bottom of the scooter, on the motor itself.

KEY CODE NUMBER

Mentioned on the key.

SOFTWARE VERSION NUMBER

Swipe down on the dashboard for the quick access screen. Press the gear icon > go to 'Settings'. Tap on the profile section to find 'Software Version'.

ATHER APP™

APP INSTALLATION

- Download the Ather App™ from the Google Play Store or Apple App Store.
- Use the login credentials of your Ather portal account to login to the app.
- The app syncs with the scooter only when both your phone and the scooter have good network coverage. The app displays the time when they were last synced.

FAST CHARGING AT AHER GRID™

To locate an Aher Grid™ public fast charging point, go to the app or navigation screen.

Disclaimer: All Aher Connect™ features on the app are available only with the Pro.

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TIME TO
GET ON
THE ROAD

JUST BEFORE YOU GET ON THE SCOOTER

THE CHECKLIST

- Tyre pressure & condition
- Drive belt (No slackening)
- Charge status
- Peripherals: Horn, headlights, pilot lamps, indicators and tail lights
- Screen intactness
- Rear view mirror position
- Smooth functioning of the handlebar (twist & turn to check if it is normal)
- Perfectly working brakes

RECOMMENDED TYRE PRESSURE

- **Solo rider:**
30 PSI front & 28 PSI back
- **With a pillion:**
30 PSI front & 32 PSI back

THINGS TO KEEP IN MIND

STRONG AND SILENT MOTOR

So silent, you won't even realise it's running. Keep an eye on the dashboard for the motor OFF/ON indicator. Use the kill switch whenever at signals to avoid accidents from any unintended acceleration.

SUPER RESPONSIVE BRAKES

Both the wheels have pretty responsive disc brakes. So press the brakes gently, until you get used to them.

HYPER QUICK MOTOR

Electric motors have a higher torque, which means the acceleration will be quick and sudden. Take it easy on the accelerator till you get a hang of it.

GOOD (AND NEW) THINGS TAKE TIME

Park Assist™ is something new. The speed while going forward is 5 km/h and 3 km/h in reverse. It's just better to be extra careful to make sure that nobody gets hurt.

SAFETY AND OPERATING INSTRUCTIONS

As a precaution, wear appropriate safety gear while riding: a helmet that conforms to prescribed standards, eye protection gear, riding boots and gloves.

Do not consume alcohol or drugs that affect your reflexes, before or while you are riding.

Do not overload the floorboard. It can handle up to 30 kg of weight. We recommend that you distribute the weight evenly for better ride handling.

If you have been riding in the rain, wait for 15 minutes before plugging in the scooter. Wipe off the water on the port using a soft, dry cloth.

Never allow others to ride without proper instructions and licences as per applicable state laws.

We strongly advise against any alteration or modification, as they may cause safety hazards.

PRECAUTIONS FOR A SAFE ELECTRIC RIDE

In case of an accident, do not touch wiring connectors or the wired components.

In the highly unlikely event of a battery fire, extinguish the flame by flooding it with a lot of water. A water hose should be used, and the person doing this must be at least a couple of metres away from the scooter. Make sure the scooter is unplugged from the charging point. If it isn't, switch OFF the main power supply immediately to cut off the electricity flow.

Once the fire is extinguished, keep flooding the battery with water every 30 minutes, for up to 2 hours. Check on it at regular intervals for a few hours to be extra sure that the fire doesn't reignite.

CAUTION

Never lift the scooter by pulling the handlebar.

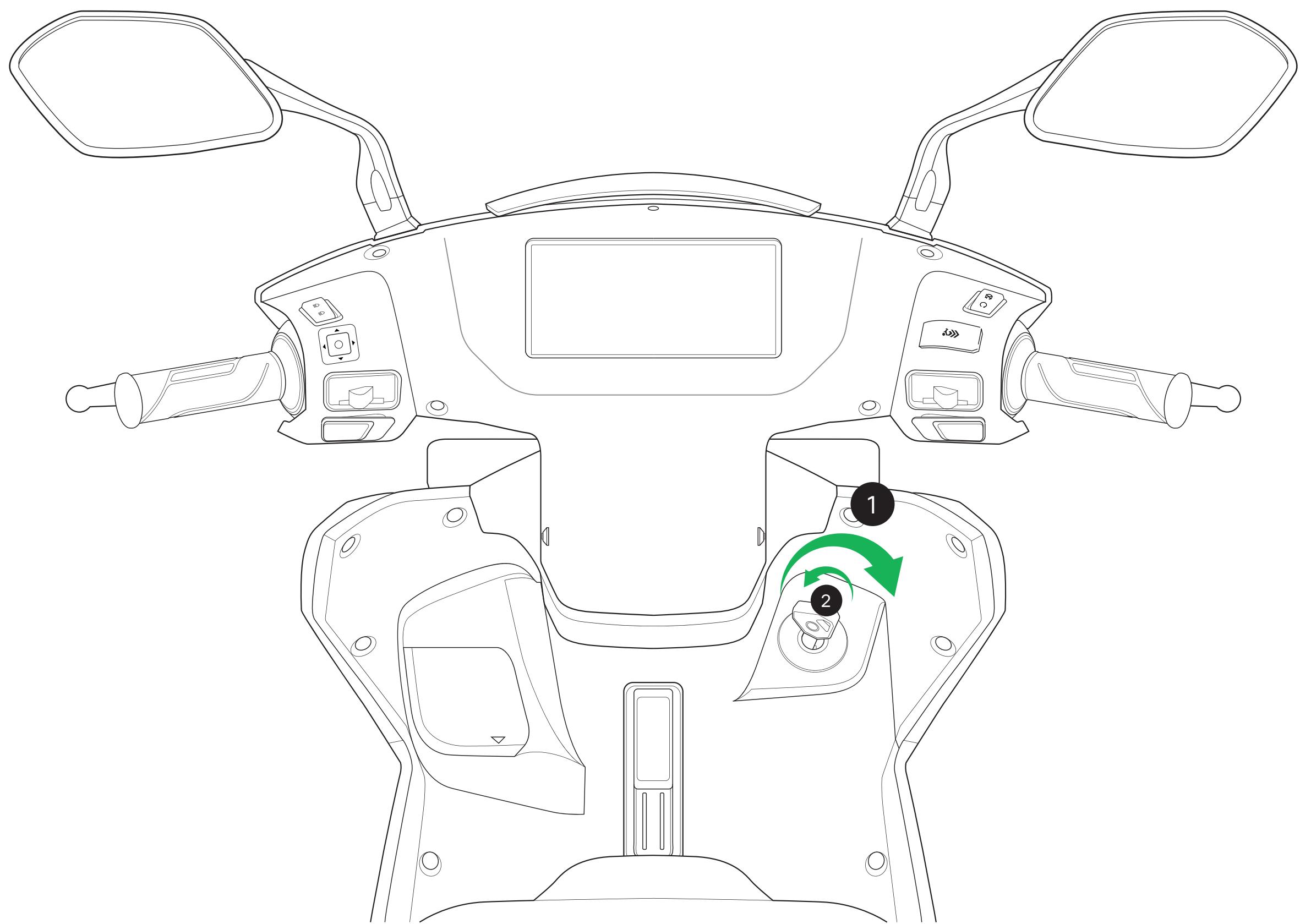
WARNING

In case of fire, please call customer support to let us know and we will provide any assistance required.



A high voltage electronic device

TURNING THE SCOOTER ON AND RIDING



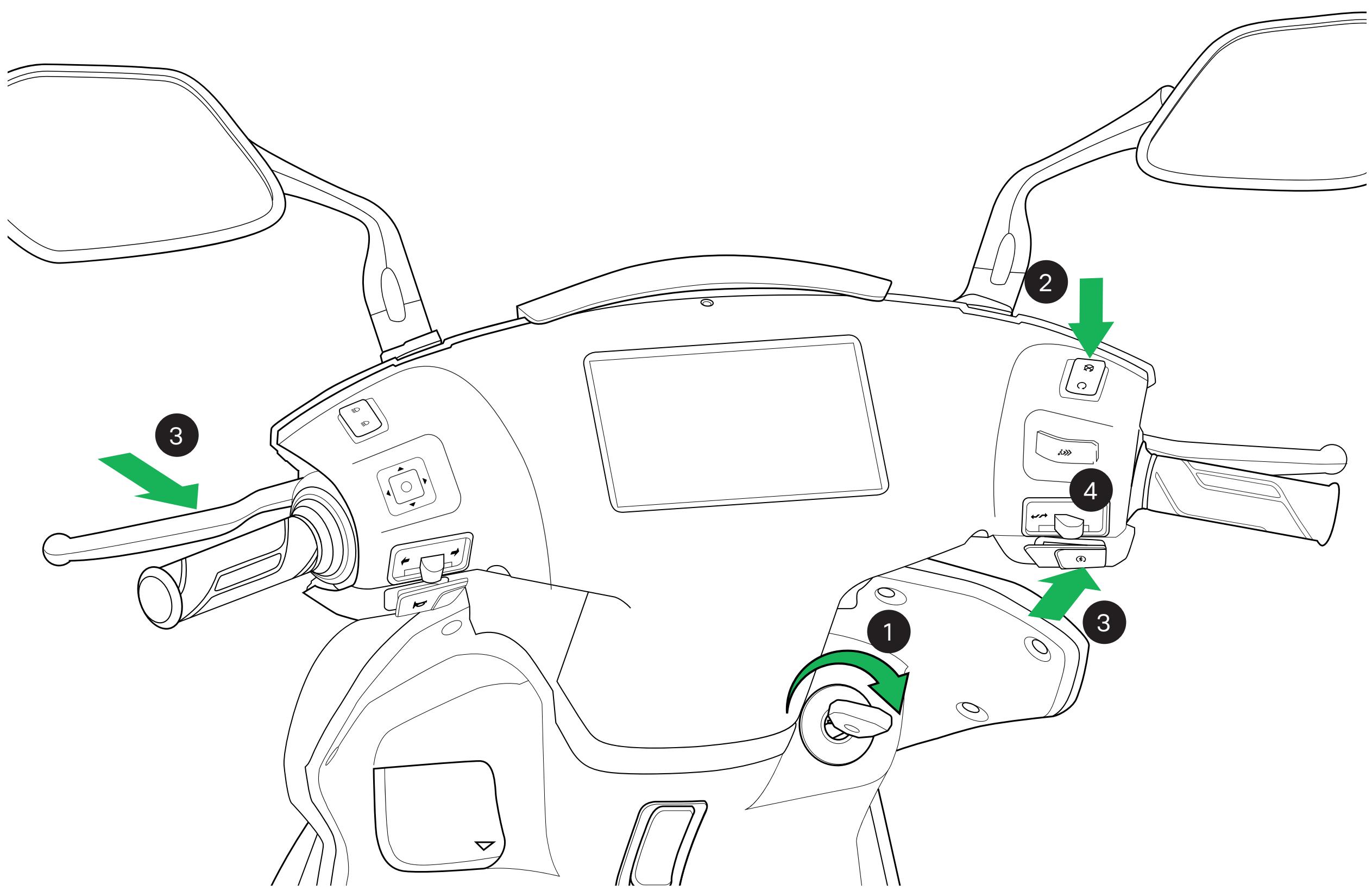
① UNLOCK THE HANDLEBAR

Insert the key in the keyhole located under the handlebar, on the right-hand side. Turn the key clockwise, and it's unlocked.

② OPEN THE UNDER-SEAT STORAGE

Once the handlebar is unlocked, turn the key anti-clockwise to open the underseat storage. Take your helmet out, wear it, simply drop the seat to lock it. Check the seat lock once, just to be doubly sure. Now you are all set for the ride!

TURNING THE SCOOTER ON AND RIDING



WARNING

The scooter makes no significant sound when the motor is ON.

① SWITCH ON THE DISPLAY

Once the key is turned ON, it will activate the

Disclaimer: Range display and riding modes on the dashboard are only available with the Pro.

dashboard, showing the current time, available range and riding modes.

② DISENGAGE KILL SWITCH

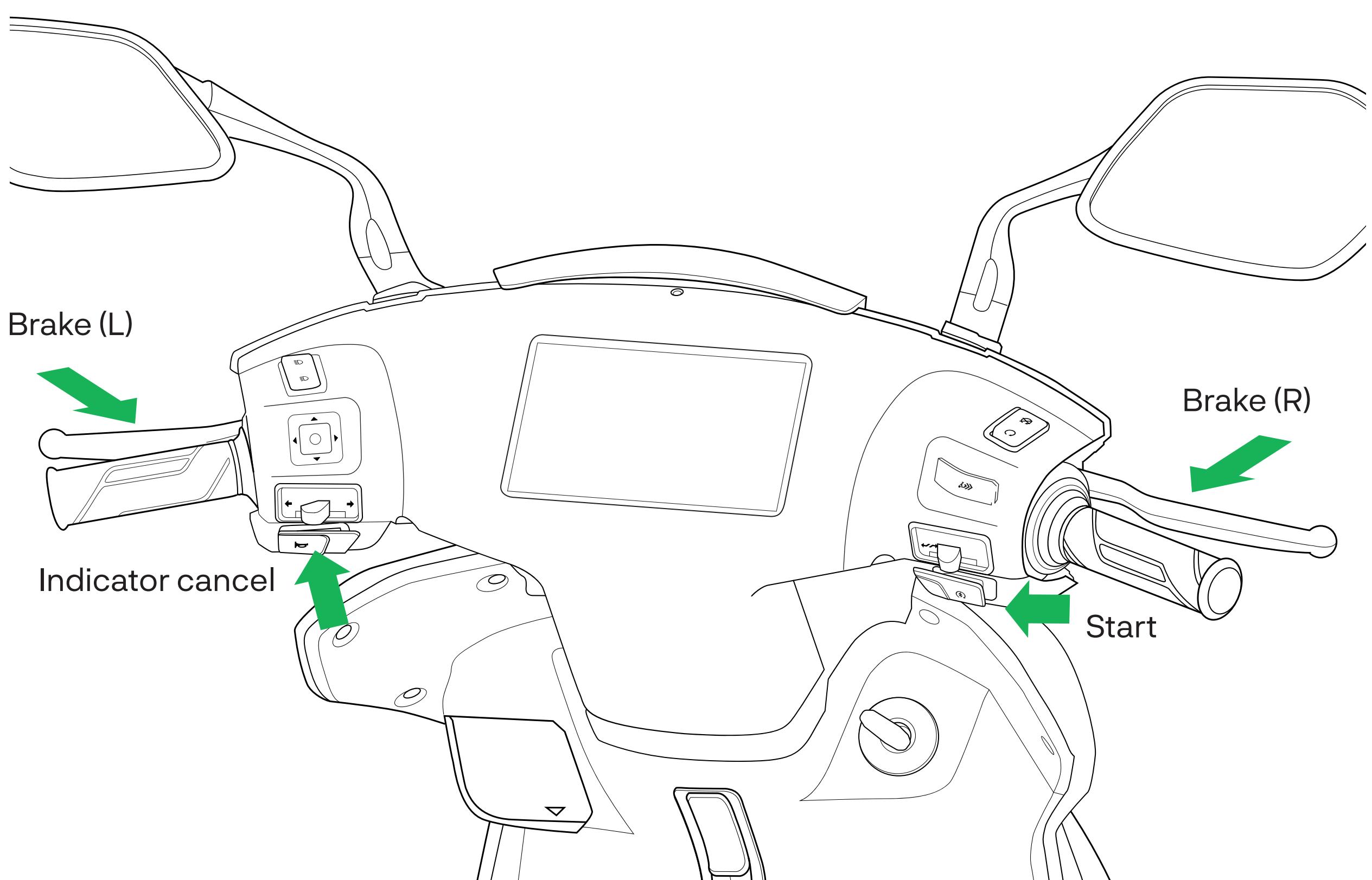
If the kill switch is engaged, the motor will not switch ON.

③ ACTIVATE THE MOTOR

Press the brake lever (either one) and the motor start switch ON the right-hand side of the handlebar to make the riding screen appear.

④ TOGGLE TO CHANGE RIDING MODE

Switch between Ride, Eco, Sport and Warp.



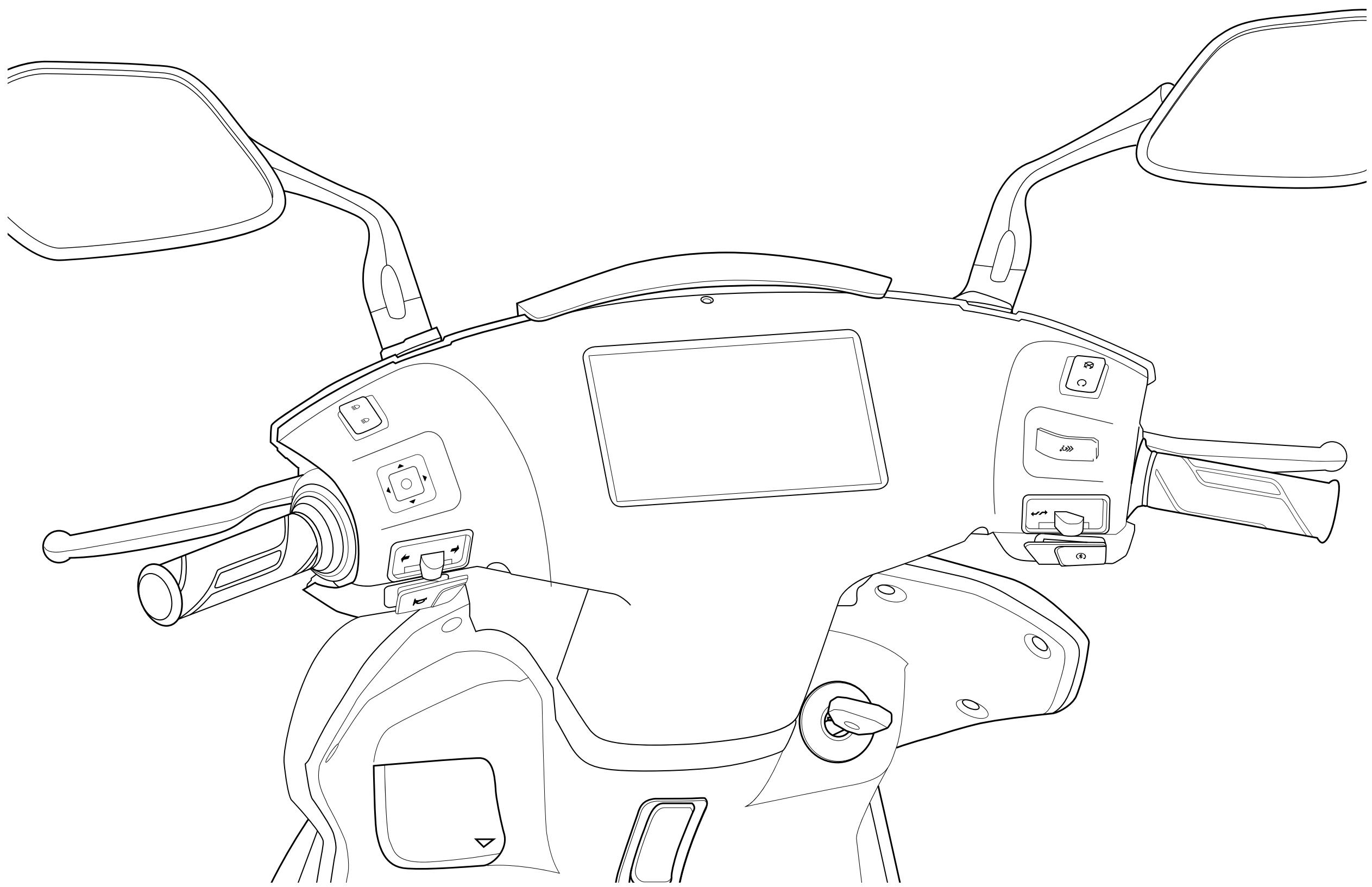
① PARK ASSIST™

To move in reverse press the Park Assist™ button when stationary. Slowly rev the throttle (RHS handlebar) to start moving backwards. To move forward in Park Assist™, press the “Activate motor” button before revving the throttle.

WARNING

Kick back the side stand, before you start riding. For your safety, the motor gets activated only when the side stand is disengaged.

TURNING THE SCOOTER ON AND RIDING



MAINTAINING SPEED

Rev the accelerator throttle and use the brakes to maintain speed. Avoid using both the accelerator and the brake at the same time.

SLOWING DOWN AND BRAKING

Bring the throttle back to zero. Either use the

Combined Braking System or apply both brakes simultaneously to bring the scooter to a halt. Use the kill switch to turn the motor OFF, in case you plan to stop for some time.

CAUTION

In wet weather, it takes longer to slow down or come to a halt. Start braking a little earlier than you would normally, especially when going around corners and turning.

WARNING

Any unintended acceleration could injure you or others on the road. Use the motor kill switch at any traffic stop.

REGENERATIVE BRAKING

Recover the scooter's kinetic energy and convert it to be stored in the battery. To activate Regenerative Braking, the battery should be below 80% and speeds above 20 km/h.

HOW TO ACTIVATE IT?

Press the brake levers or rev the throttle in the opposite direction (anti-clockwise). Algorithms dictate the amount of regen, depending on the battery state and speed of the scooter.

REGEN DISABLED

Regen is disabled when the charge status is high (higher the remaining range, lesser the regen) or when the battery temperature is high.

CAUTION

The scooter can't be brought to a halt using regenerative braking as it gets activated only when you're going over 20 km/h.

CAUTION

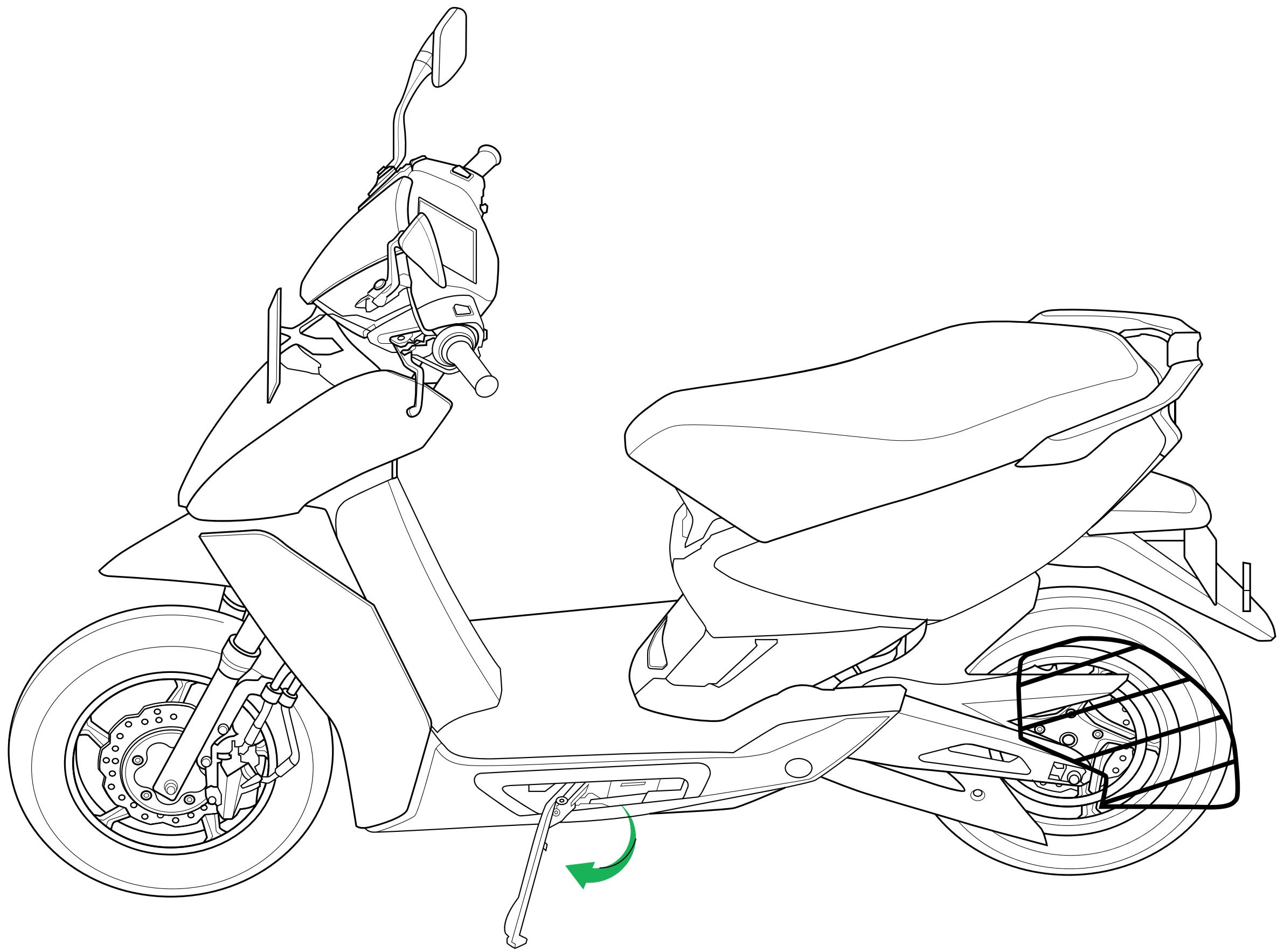
The scooter may be throttled down to Eco Mode when the battery charge is too low.

WARNING

In case of errors or glitches, performance may be restricted to ensure the rider's safety. If this happens, please contact customer support immediately.

Disclaimer: Eco Mode is only available with the Pro.

TURNING THE SCOOTER OFF AND PARKING



STOPPING YOUR SCOOTER

Bring the accelerator throttle back to zero. Use the kill switch to turn OFF the motor. Turn the key back to the LOCK position and remove it.

If Guide-me-home Light is ON, the headlight will switch OFF automatically in ~15 seconds.

Disclaimer: Guide-me-home Light is only available with the Pro.

CAUTION

The key should be removed anytime the scooter is left unattended. You don't want somebody stealing it.

PARKING

Use your left foot to disengage the side stand. Always engage the side stand when you've to park. Also, always try to park on level and firm ground.

CAUTION

Park under shade wherever possible. Continuous, long-term exposure to sunlight could cause discolouration of the screen. Lesser exposure to heat is good for battery life and display health.

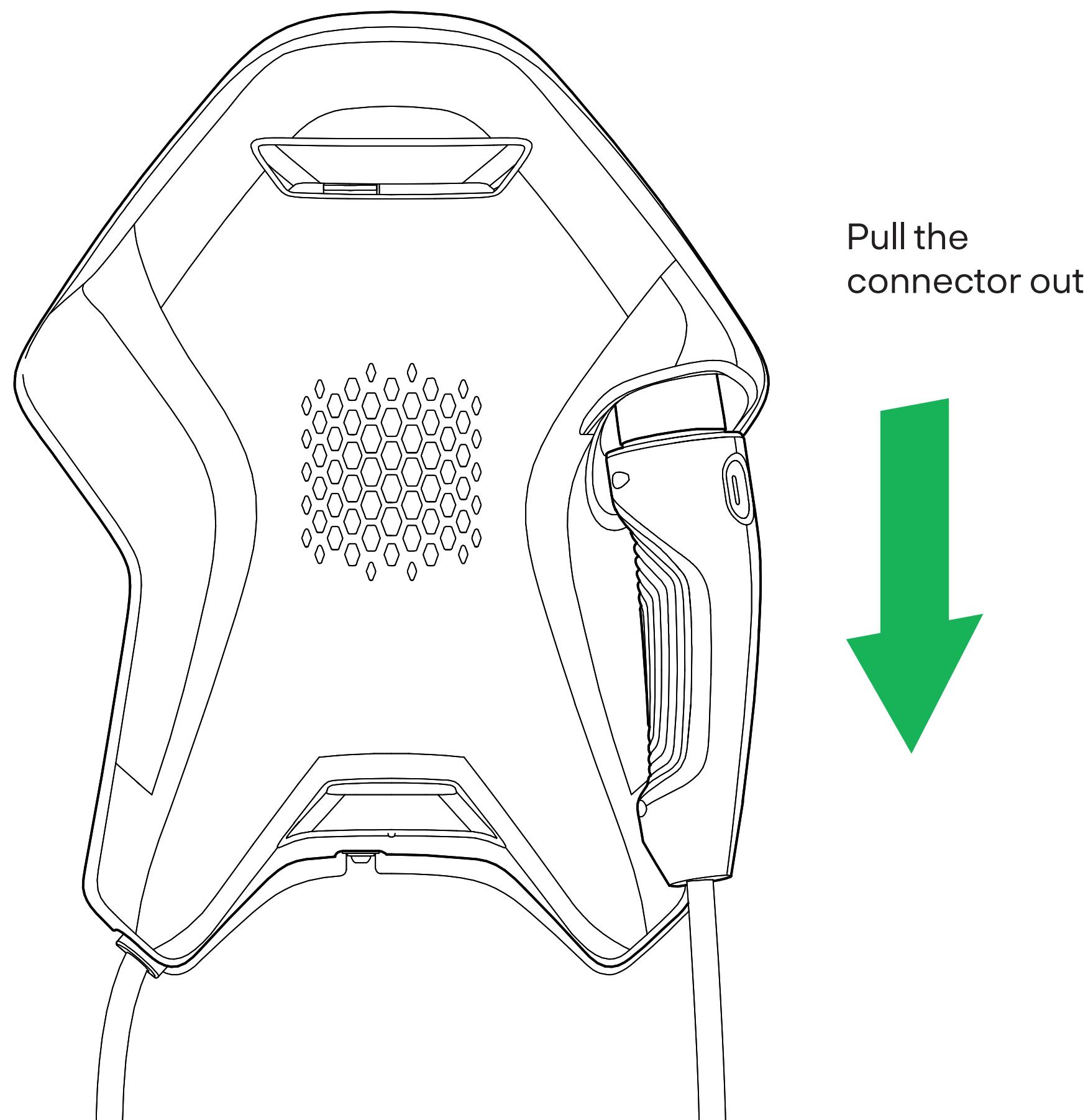
WARNING

- Always use the kill switch if the side stand is engaged.
- Do not sit on the scooter when parked on the side stand.
- Do not move the scooter with the side stand engaged.
- Always ensure the side stand is completely opened up while parking.

3

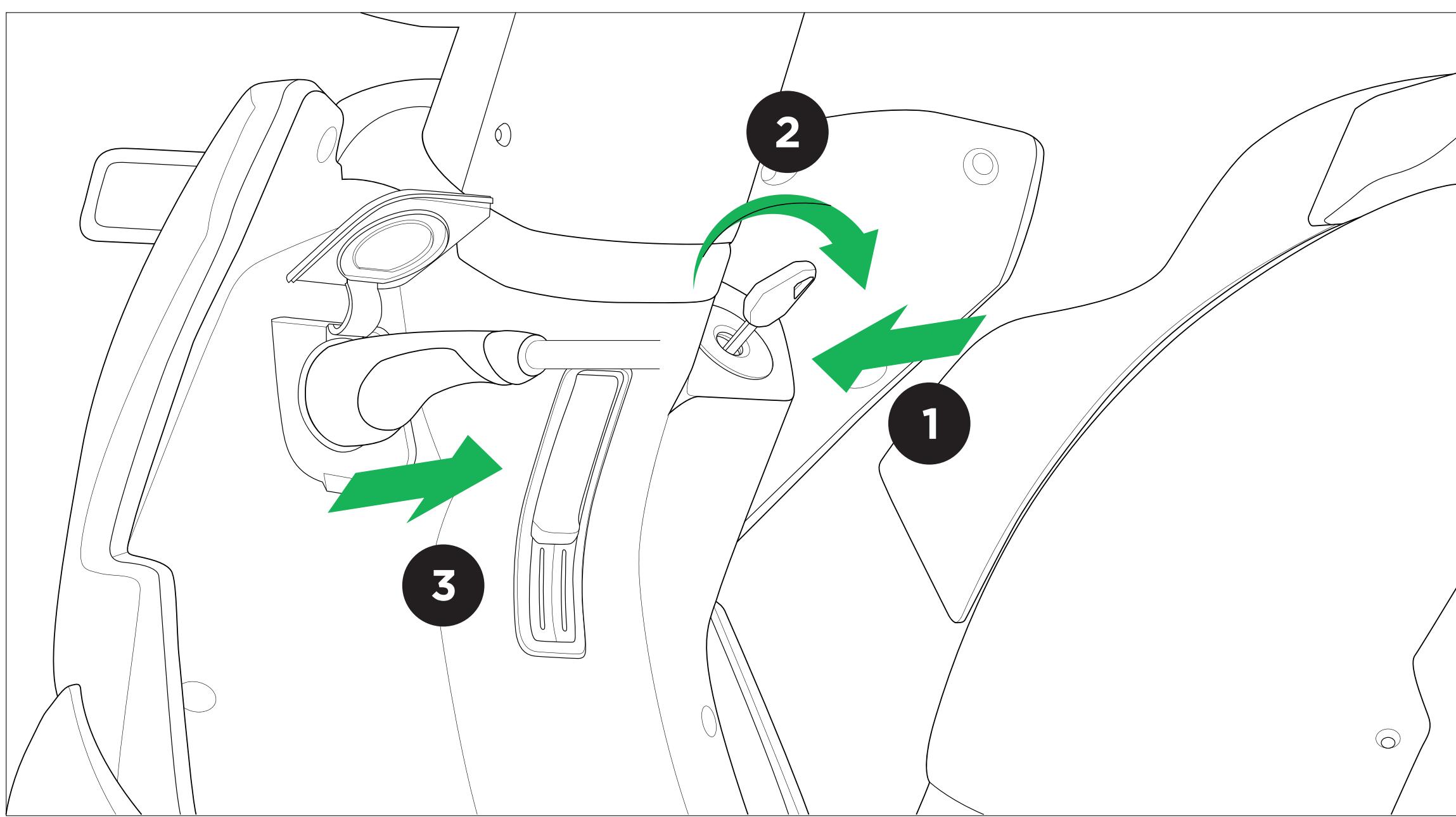
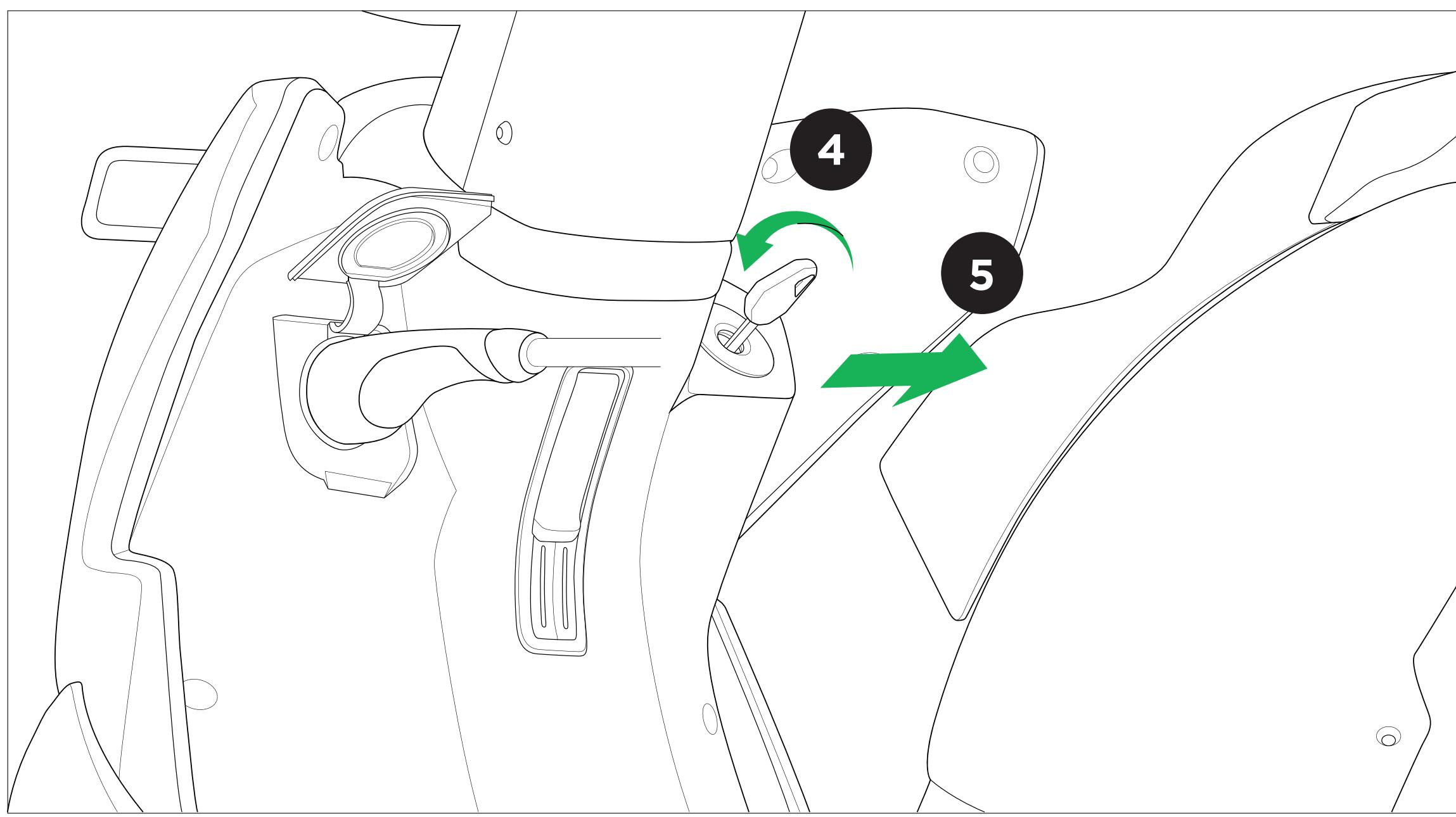
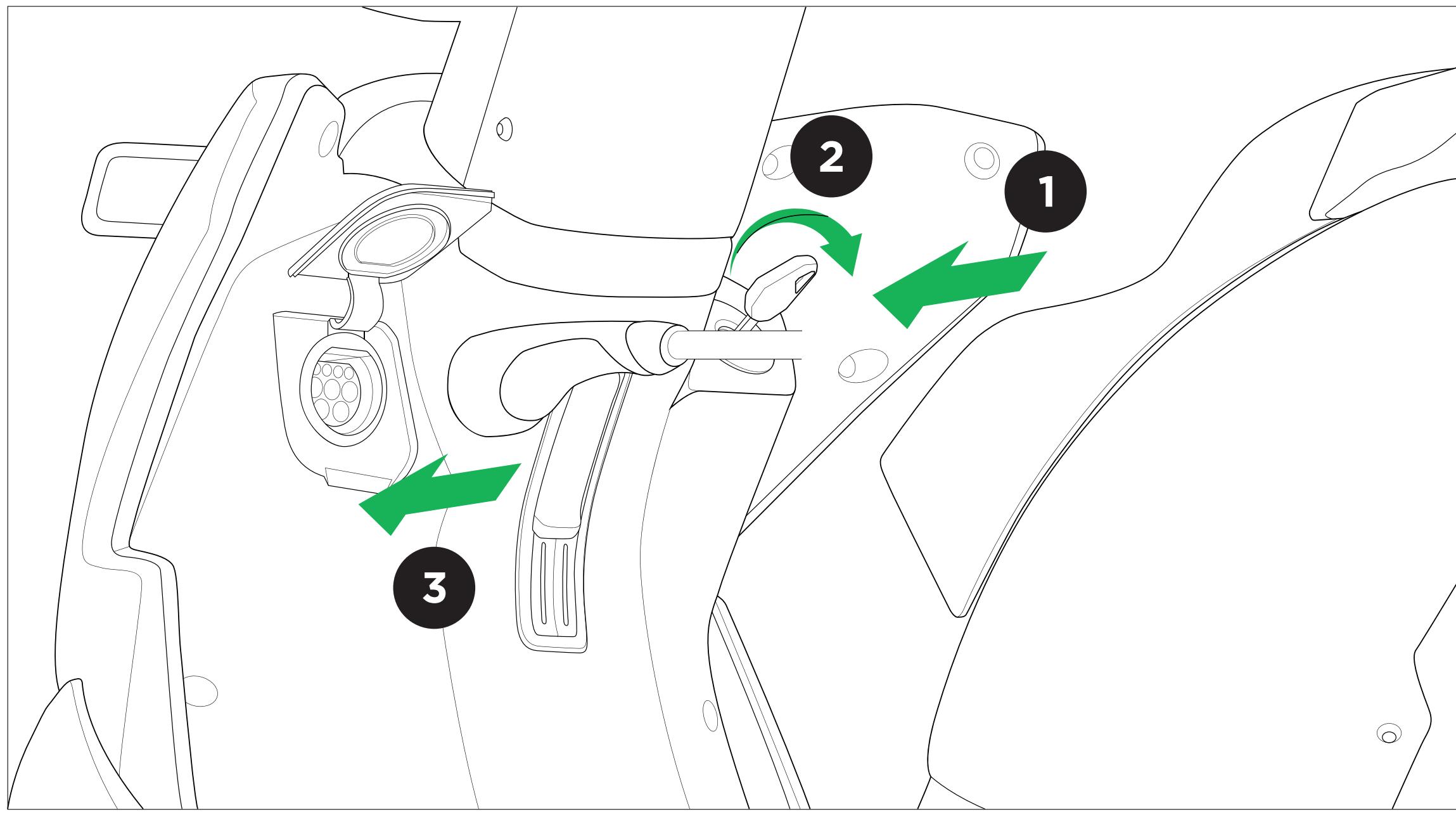
**CHARGE
IT UP**

USING THE AETHER DOT™



PLUGGING IT IN

Turn the key to the ON position. Gently pull down the connector from the holder, open the charging port flap on the scooter and plug it in. Key should be in the OFF position for the scooter to start charging automatically.



UNPLUGGING IT

Before you pull out the cable, turn the key to the ON position to unlock the connector.

Keep the key in the ON position, wait for 5 seconds, remove the charging connector, and put it back in the Ather Dot holder. Remember to close the charging port flap on the scooter.

You can check the charge status on the dashboard while it's charging. You can also check it on your phone, by using Ather app.

CAUTION

Do not leave the connector on the ground to avoid damage through dust and water ingress.

Do not try to forcefully pull the connector out. Try turning the key to OFF, back to ON and try again. It should come out effortlessly.

Disclaimer: Remote charge status on the Ather app is available only with the Pro.

WHAT DOES THE LED SAY?

The charger tells you what it's up to, with an LED light that changes colours.

Solid amber light: Charger software is being updated over the air.

Solid green light: When not connected to the scooter, the charger is functional.
When connected to the scooter, charging is complete.

Blinking green light: Charging in progress.

Solid red light: Fault in the charger. Please contact customer support.

No light: No power.

NOTE

If you don't see any light (when there is power in your premises), press the Reset button on the PRCD (Portable Residual Current Device). If it still doesn't respond, please contact customer support.

Using the Portable Charger plug in the 3-pin connector of the charging cable into the 5A socket.

Plug in the other end of the cable to the scooter's charging port. Turn the key to OFF position and pull it out. To plug out, keep the key in the ON position, wait for 5 seconds, then remove the charging connector and close the charging port flap.

CAUTION

Remove the key once your scooter is connected to the charger or disconnected from the charging cable. Do not turn the key ON and pull out the connector at the same time. Hold on for 5 seconds to pull the connector out. Do not remove the connector while your scooter is charging. You run the risk of damaging the connector and/or the scooter.

4

SCOOTER SHUTDOWN

VEHICLE SHUTDOWN

HIBERNATION

When the scooter is not in use (unplugged, with the key turned OFF), the electronics consume negligible power. The battery drains extremely slowly. But, if you don't ride for around 25 days, you should charge for a few hours before you head out.

HOW TO SHUT DOWN

By heading to the settings section on the dashboard.

CAUTION

Charge your scooter every 100 days. It's a must, even if the scooter is in Shutdown Mode. This prevents permanent damage to the battery pack.

5

CARING FOR YOUR SCOOTER

THINGS TO KEEP IN MIND

WHEN NOT IN USE

If you are not using your scooter for more than 5 days, leave it in Shutdown Mode to prevent battery drain.

QUICK CLEAN-UP

Regularly cleaning the vents avoids the risk of damage caused due to insufficient ventilation, choking and insulation of the heat dissipation components. Keep the motor and battery vents spic and span.

EXTEND YOUR BATTERY LIFE

- Use of Optimised Charging feature is recommended. It helps control battery ageing.
- Always use the original charger provided by Ather to charge your vehicle. Avoid using 3rd party chargers.
- Shut down (vacation mode) the vehicle when it remains idle for a few days, to prevent accidental battery draining.

Disclaimer: Optimised Charging available only with the Pro.

PULLING AND PUSHING

Turn the motor OFF using the kill switch when pulling the scooter back or pushing the scooter on a decline.

CAUTION

Do not try to hold the scooter at a place using partial acceleration, while on a slope. In all likelihood, it will damage the motor.

TROUBLESHOOTING

If you're facing a technical issue, have any doubts or queries, please call us up.

+91 7676 811 777

In case this number is unreachable, please check for the updated number on atherenergy.com or the Ather app.

CAUTION

Do not attempt to service the scooter on your own or at an unauthorised service centre. Sure, the scooter belongs to you and you may do as you please. But we know it inside out, and it's not as easy as it may seem. Let us take the lead and service the scooter for you.

DISCLAIMER

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are the property of their respective owners.

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