



USER MANUAL



SUPERSTREET
UV/ASLES/M/OM-F77SS
REV. NO. 00
13/03/25



The features and operations of your F77 have been explained in this user manual. Please read it carefully and follow the instructions to enjoy the riding experience. All information, illustration, photograph, directions, specifications, and other contents covered in this user manual are based on the latest product information available at the time of its publishing approval, and the accuracy or correctness of the same is not undertaken or guaranteed.

The information, illustrations, photographs, instructions, specifications, and other content in this Owner's Manual are based on the latest available product details at the time of printing approval. However, Ultraviolette Automotive Pvt Ltd does not guarantee the accuracy or completeness of this information. The company reserves the right to make changes to the content at any time without prior notice or obligation. Reproduction of any part of this publication is prohibited without prior written consent from Ultraviolette Automotive Pvt Ltd.

Accessories shown may not be the part of standard fitment. It is our endeavour to constantly improve our products. This could lead to a change in product specifications without notice.

Ultraviolette Support

www.ultraviolette.com/support



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Introduction

Congratulations on your new electric beast!

Before you twist that throttle for the first time, please read this user manual completely. This manual is intended to provide an understanding of the motorcycle's functions, smooth operation and guide you when to have an authorised **Ultraviolette** service ground staff evaluate your motorcycle.

To ensure a safe and fulfilling rider experience, it is critical that you understand the features of your Ultraviolette motorcycle. Riding the motorcycle before reading this manual is strongly discouraged.

Ultraviolette Automotive brings you a premium motorcycle riding experience with zero emissions and several features to communicate with your motorcycle through the **Ultraviolette App** to be installed on your **mobile device***. The motorcycle features 3 ride modes, spanning from efficient city riding to high-adrenaline track performance.

Modifying the motorcycle hardware as well as software is prohibited and will be considered illegal under all circumstances. Only **Ultraviolette** authorised accessories are permitted.

The rider must pay attention to all warning and cautionary signals indicated on the display. Unintended use of the motorcycle does not guarantee safe operation, and any resulting damage or change in performance will invalidate the motorcycle warranty. The terms "Right/RH" and "Left/LH" refer to the rider's right and left respectively, when seated on the motorcycle.

Important Information Types

The following words are used within this manual to call your attention to specific types of information.

NOTE

Guidance to help protect the rider, motorcycle, other property, and the environment from damage. **Be Careful!**

CAUTION

Calls attention action or information which must be followed to avoid damage to components. **Rider/Motorcycle can be hurt/damaged!**

WARNING

An action or information which must be followed precisely to avoid the possibility of injury. **Rider/Motorcycle will be seriously hurt/damaged!**

IMPORTANT

Important information that needs to be kept in mind while operating the motorcycle.

REMINDER

Useful procedures to ease your overall riding experience.

CARRY ALONG

Useful tools/articles to ease your ownership experience.

 **UVSST** Use UV Special Service Tool

 **T** Apply Specified Torque

***Ultraviolette Automotive does not provide a mobile device; Ultraviolette App is to be downloaded separately from your mobile device's application store.**



SAFETY INFORMATION

- + For Your Safety
- + Owner's Responsibilities
- + Electric Motorcycle Precautions
- + Long Trip Precautions

For Your Safety

Your F77 motorcycle is designed for the transport of one rider and one passenger with certain lightweight items that can be secured safely to the seat. For additional cargo, Ultraviolette recommended pannier bags may be used.

The F77 is a high-performance electric motorcycle and must be operated with caution. Always adhere to local traffic laws and regulations for a safe riding experience and utilize appropriate protective gear and clothing.

Prior to operating the motorcycle, familiarize yourself with all safety warnings in this manual and on the motorcycle itself.

IMPORTANT Riding under the influence of alcohol or other substances that impair behavior is strictly prohibited. Always follow road signs and signals.

IMPORTANT Always observe and obey the instructions on labels attached to components on the motorcycle - they are there for your safety. See [Important Labels](#)

Owner's Responsibilities

IMPORTANT Below are the responsibilities assigned to the owner:

Carry out routine care and maintenance of your electric motorcycle as outlined in this user manual.

Abide by the periodic maintenance schedule. See [Maintenance](#)

Use only Ultraviolette-approved parts and accessories.

The user is responsible for understanding and complying with all national, state, and local laws regarding the operation of an electric motorcycle.

Ride safely and responsibly.

Always wear a regionally approved helmet, goggles, suitable boots, and any other necessary safety gear when riding an electric motorcycle.

Users are encouraged to install all software updates promptly to ensure the best motorcycle performance and safety.

Electric Motorcycle Precautions

High voltage warning symbol on your motorcycle, indicating areas of potential high voltage exposure. Contact with high voltage can result in electric shocks, burns, or even serious injury or fatality. **DO NOT TAMPER** with any high voltage components. Beware of the **ORANGE** colored insulation or sheathing.

Avoid connecting any accessories directly to the 12-volt battery, as it may negatively impact the operation of the motorcycle and ABS.

If the motorcycle is involved in an accident, do not touch any high-voltage wiring connectors or the components connected to them.

In the event of a motorcycle fire, use a Class D powder-type fire extinguisher to put out any visible flames. Once the flames are extinguished, you can then use a water-based fire extinguisher.

WARNING The motorcycle's high-voltage electric system contains no user-serviceable parts. Disassembling, removing, or replacing high-voltage components, cables, or connectors can lead to severe burns or electric shock, posing a risk of serious injury or death.

Long Trip Precautions

NOTE Before embarking on a long journey, service your motorcycle at an Ultraviolette Authorized Dealer or Service Center. Check and correct tyre pressure as necessary.

REMINDER After every 500 km, lubricate the chain with recommended Chain Clean & Chain Lube, check for any loose fasteners, inspect the condition of the tyres, and ensure all lighting systems (head lamp, indicators, tail lamp, brake light) and horn are functioning properly.

CARRY ALONG Always have your tool kit, first-aid kit, and it is recommended to carry along a spare drive chain master link lock assembly, puncture kit and portable charger with you.



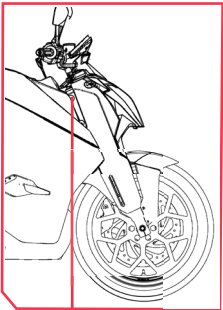
GETTING STARTED

- + Motorcycle Identification
- + Know your F77
- + Tell tale
- + Before starting your motorcycle

Motorcycle Identification

Vehicle Identification Number

The Vehicle Identification Number is engraved on the right side of the steering headtube of the motorcycle. It is a 17-character alpha-numeric code that is unique to every motorcycle.



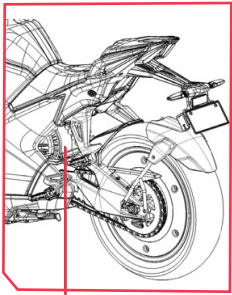
VIN [Punched]



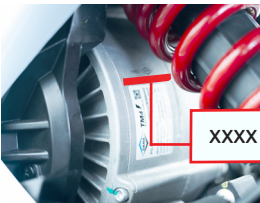
Pxxxxxxxxxxxxxxxx

Motor Serial Number

The Motor Serial Number is given on the casing of the motor. It is visible from the rear side of the motorcycle near rear suspension.

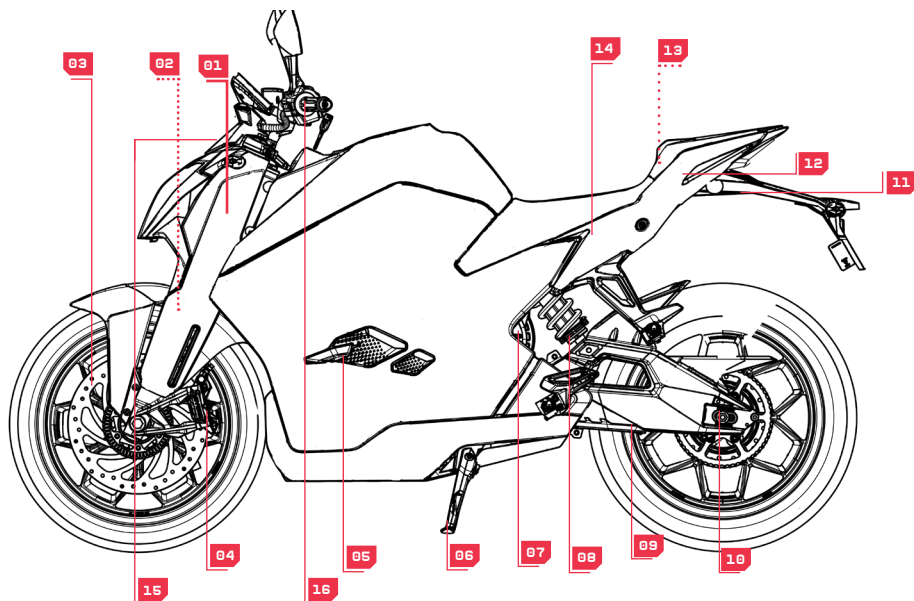


Motor Serial Number



XXXX XXXX XXXX XXXX

Know your F77 SS

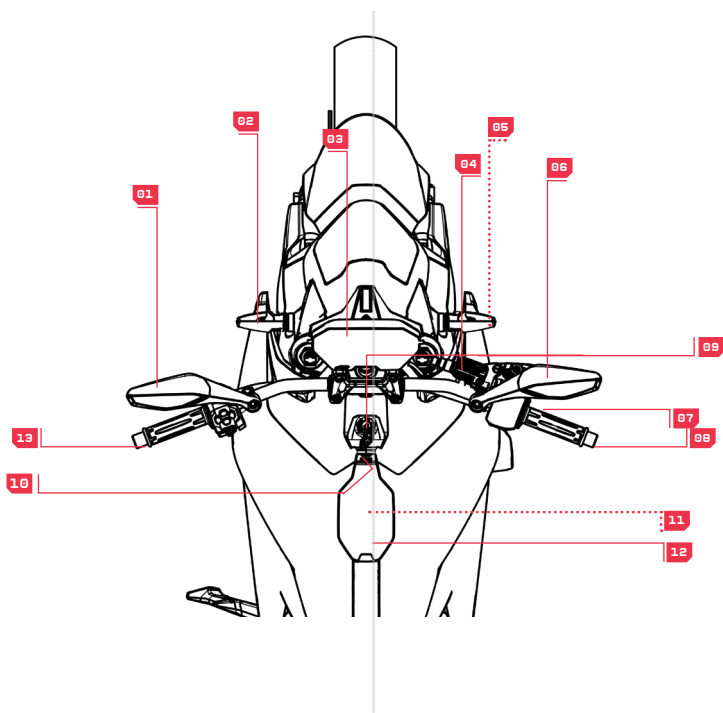


LH VIEW

1. Front USD fork cover
2. Front USD fork
3. Front brake disc
4. Front brake caliper assembly
5. Crash guard
6. Side stand
7. Motor
8. Rear suspension
9. Drive chain
10. Drive chain adjuster
11. Tail stay
12. Rear grab handle
13. Fuse box
14. Seat lock
15. Garnish
16. Handlebar

LEGEND

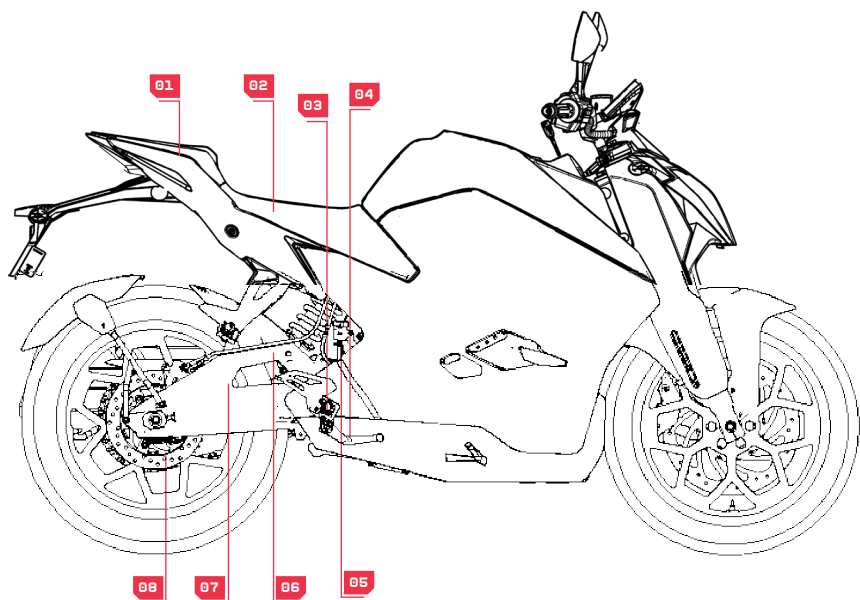
..... BEHIND
 _____ VISIBLE



TOP VIEW

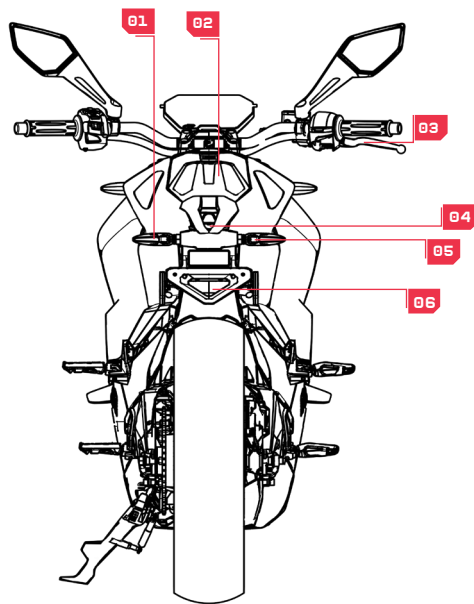
1. Rear view mirror (LH)
2. Front turn signal indicator (LH)
3. Meter Console
4. Front brake fluid reservoir
5. Front turn signal indicator (RH)
6. Rear view mirror (RH)
7. Throttle grip
8. Bar end weight (RH)
9. Steering lock /key switch
10. Speaker
11. Charging port
12. DC charging port lid
13. Bar end weight (LH)





RH VIEW

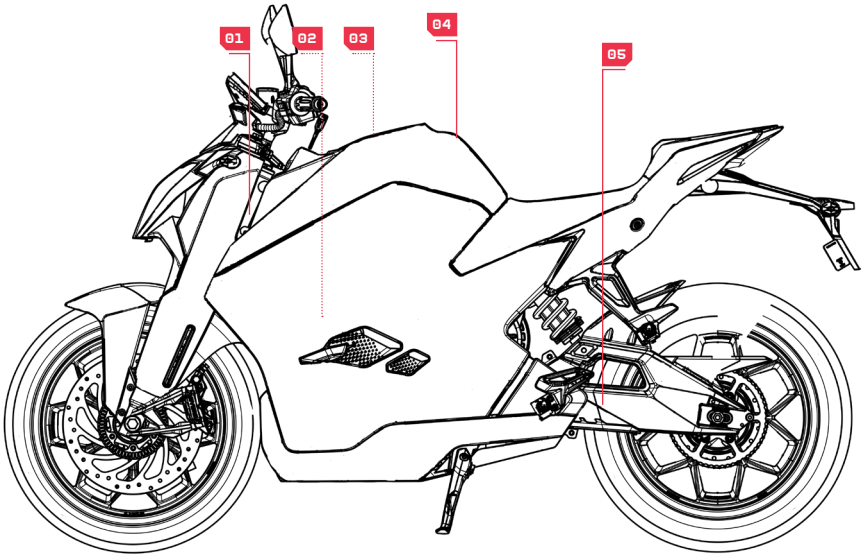
1. Pillion seat
2. Rider seat
3. Rider footrest
4. Rear brake pedal
5. Rear brake fluid reservoir
6. Pillion footrest
7. Rear brake caliper assembly
8. Rear brake disc



REAR VIEW

1. Rear turn signal indicator (LH)
2. Tail lamp
3. Front brake lever
4. Licence plate lamp
5. Rear turn signal indicator (RH)
6. Licence plate

Important Labels



LH VIEW

1. Battery Label
2. DC Fast Charging Label
3. Rider Warning Label
4. Drive Chain Slack Label
5. Tyre Pressure Specification

01

ULTRAVIOLETTE

Rated Capacity: 12.8Wh
Maximum Voltage: XXXXXX

RS 2.1
Model number: XXXXXXXXXX
Serial number: XXXXXXXXXX
TAC number: XXXXXXXXXX

Secondary Lithium Ion Battery

Made in India
Mfg. year: XXXX

Warnings:
To avoid risk of fire, explosion, shock or burn:
1. Use approved charger only
2. Electrical hazard. Do not short terminals
3. Explosive gasses given off. Keep sparks and flames away
4. Recharge vehicle in well ventilated area
5. Do not puncture
6. Do not incinerate
7. Do not submerge

Note: Operation battery voids warranty.

02

DC
FAST CHARGING
INTERFACE

03

WARNING

TO REDUCE RISK OF INJURY:
• WEAR A HELMET, EYE PROTECTION
AND PROTECTIVE CLOTHING.
• READ OWNER'S MANUAL CAREFULLY.

04

DRIVE CHAIN SLACK: MINIMUM 40MM

05

TYRE PRESSURE SPECIFICATION		NOTE
AIR PRESSURE (COOLD)	TYRE SIZE	
FRONT	30 PSI	110/70ZR17 M/C 54WTL
REAR	32 PSI	150/60ZR17 M/C 66WTL

SPECIFICATIONS ARE FOR BOTH

Technical Data Sheet

Battery System [SuperStreet/SuperStreet Recon]		Tyres	
Battery Pack	SRB7 / SRB10	Front	110/70ZR17 M/C 54WTL
Energy Capacity	7.1 / 10.3 kWh	Rear	150/60ZR17 M/C 66WTL
BMS & Safety Protocols	Battery Management System with Patented 5-level Safety System - Mechanical, Thermal, Electrical, Electronic & Software Protection	Tyre Pressure (Cold)	
Enclosure	All Aluminum IP67 Rated Enclosure	Front	30 PSI
		Rear	32 PSI
Charging [20%-80%, IDC] [SS/SS Recon]		Brake System	
Port	IEC6219-6	Calipers	Front: Fixed Radial 4-Piston
Standard	3hrs/ 5hrs		Rear: Single Piston Floating
Boost/ Supernova	1.5hrs / 2.5 hrs	Rotors	Front: 320mm
Supernova+	45mins/60mins		Rear: 230mm
Performance [SS/SS Recon]		Suspension	
Peak Power	27 kw [36.2 hp] / 30 kw [40.2 hp]	Front	4Imm USD with Preload Adjustment
Peak Torque	90Nm / 100 Nm	Rear	Monoshock with Preload Adjustment
Max Speed	155 km/h [Factory Tested]	Recommended Fluids	
Acceleration [0-60 km/h]	2.9sec / 2.8 sec	Brake	SAE DOT-4
Acceleration [0-100 km/h]	7.8sec / 7.7 sec	Transmission	SAE 20W-40
		Chain Clean & Lube	Motul C1 & C2
Dimensions		Connectivity	
Wheel Base	1340mm	Network	LTE with integrated E-SIM
Seat Height	796mm	WLAN	802.11a/b/g/n/ac WiFi standards
Ground Clearance	160mm	Bluetooth	Bluetooth 5 Bluetooth Low Energy
Kerb Weight	197/207kg	Positioning	GPS/ GLONASS
Payload	150kg		
Range Estimates [km] [SS/SS Recon]			
IDC	211/323		
Drivetrain			
Motor	Permanent Magnet AC Motor		
Throttle Control	Ride-by-wire		
Mechanical			
Frame	Steel Trellis with Aluminum Bulk Head		

Tell-Tale



Turn signal indicator



High beam Active Indicator



Critical Error Indicator



Regen Malfunction Indicator



Traction Control Malfunction Indicator



Service Update Indicator



ABS malfunction Indicator



Charging Active Indicator



Ambient Light Sensor



Motor Armed Indicator

S.NO.	DESCRIPTION	SYMBOL	COLOR	FUNCTION
1	Turn signal / hazard light indicator.		Green	It is flashed when the turn signal switch is operated on either side or the hazard switch is pressed.
2	Critical Error Indicator		Red	It is lit up when a critical error occurs in any of the motorcycle's systems. If this occurs, it is recommended that Ultraviolette support be contacted immediately.
3	ABS Malfunction Indicator		Amber	It is lit up from when the key is switched ON until the motorcycle attains a speed of 5 km/h. If it persists, an abnormality in the ABS system is indicated. It is recommended that Ultraviolette support be contacted.
4	Traction Control		Amber	It is lit up when Traction Control is either OFF or malfunctioning. It is blinked during TC activation and should be turned OFF. If it continues glowing, Ultraviolette support should be contacted.
5	High beam Indicator		Blue	This indicator light is lit up when the headlamp is in high beam and is flashed when the pass light switch is actuated.
6	Regen Malfunction Indicator		Yellow	It is lit up when regen is not available. Regen is not available if the main battery pack SoC is above 90%.
7	Service update indicator		Yellow	It is turned ON when the motorcycle undergoes an OTA update.
8	Charging Indicator		Green	It is blinked once the motorcycle is charging. It is continuously glowed once charging is complete. If the charger is connected and the motorcycle is not charging, the indicator will not blink. It is then recommended that Ultraviolette support be contacted.
9	Motor Armed Indicator		Green	It is lit up once the motor is armed. If there is an abnormality with the motor system, the indicator will not be turned ON. It is recommended that Ultraviolette support be contacted.
10	Ambient Light Sensor		-/-	The F77 Meter Console is equipped with an Ambient Light Sensor (ALS). In daytime/bright light, the instrument cluster is switched to daytime mode, and the headlight is switched to the daytime running lamp (DRL).

Before Starting your Motorcycle

Please ensure your motorcycle is in a safe and sound technical condition before every ride. To ensure safe and comfortable rideability, follow the below steps.

Battery Charge status:

It is recommended to maintain the battery state of charge (SoC) above 30% (minimum) to enjoy all three riding modes.

Critical Error Indicator:

Critical Error Indicator should go OFF once the motorcycle is ARMED.

ABS & Traction Control indicators:

Check ABS & Traction Control indicators for proper functioning. The indicators should go OFF once the motorcycle speed exceeds 5 km/h.

Meter console:

Check the meter console for any errors displayed. See [“Tell-Tale” on page 14](#)

Rear view mirrors:

The rearview mirrors should be adjusted to ensure an optimal riding position. For detailed instructions, refer to the ‘Mirror Adjustment’ section on page 21.

Throttle:

Check for smooth operation. [“Throttle Control” on page 22](#)

Motor Stop/Kill Switch:

Check for proper functionality. [“RH Switchgear” on page 20](#)

Lamps & Horn:

Check that headlamp, position lamps, tail/stop lamp, turn signal lamps, indicators, and horn function properly. See [“LH Switchgear” on page 19](#)

Tyres:

Check tread depth, damages, and tyre pressure. See [“Wheels and tyres” on page 61](#)

Drive chain:

Check condition and slackness. Lubricate if necessary. See [“Drive Chain Slack Adjustment” on page 71](#)

Front & rear brakes fluid:

Check for correct brake fluid level in reservoirs. See [“Brake Fluid” on page 68](#)

Brakes operation:

Squeeze the brake lever and press the brake pedal while pushing the motorcycle forward to check against rolling.

Steering:

Check for smooth action and for easy manoeuvrability.

Side stand:

Check for proper functionality.

Fitting & Fasteners:

Check for looseness and tighten if necessary.

Leakage/Seepage: Check for any fluid/oil leakage/seepage from brake fluid reservoirs, suspensions, and transmission case.

Software Management: The Motorcycle is equipped with advanced software that is periodically updated to enhance functionality and performance. Ultraviolette is not liable for any issues that may arise from updates not being installed or from third-party software interference.

Battery Maintenance: To maintain the battery's longevity and performance, adhere strictly to the charging and maintenance guidelines provided. Failure to follow these guidelines may result in reduced battery life and can void the warranty. Regular battery maintenance is crucial for the optimal operation of your Motorcycle. ["Charging" on page 25](#)

Motorcycle Storage: Store your Motorcycle in a cool, dry place away from direct sunlight and extreme temperatures. Proper storage conditions are essential to prevent damage and maintain the integrity of the motorcycle's components.

Dispute Resolution: In the unlikely event of a dispute, Ultraviolette encourages the use of arbitration or mediation as a first step towards resolution. This approach is designed to provide a quicker, more cost-effective alternative to litigation.

Modifications: Any modifications or customizations to the Motorcycle not approved by Ultraviolette may void the warranty and could negatively affect the safety and performance of the motorcycle. Always consult with an authorized service center before making changes to your motorcycle.

Emergency Procedures: In case of a battery failure or electrical malfunction, contact Ultraviolette support.

Responsible Disposal: At the end of your motorcycle's life, or when replacing components, please follow the proper recycling and disposal procedures, especially for the battery. Ultraviolette is committed to environmental responsibility and sustainability.



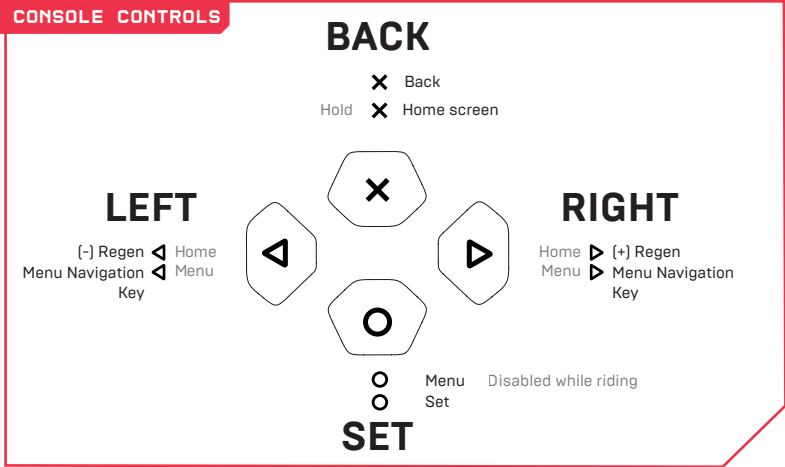
HANDLEBAR, SWITCHES & CONTROLS

LH Switch Console



NUMBER	DESCRIPTION	
1	High/ Low beam & Pass	Press & hold to flash, Press to hold
2	Hazard lamp switch	Press to activate, press again to deactivate.
3	Controls console	Pull/push to either side and release to activate, press in the released position to deactivate.
4	Turn signal switch	Press to Activate
5	Horn switch	

05 CONSOLE CONTROLS



RH Switch Console



NUMBER	DESCRIPTION
1	Motor Disarm Switch
2	Neutral
3	Motor Start / Change Mode switch

MOTOR CONTROLS

ARM MOTOR

Brakes (any) +  Hold

CHANGE MODE

 Glide - Combat - Ballistic
Press

PARK ASSIST

Brakes (any) +  [Only while motor disarm switch is disengaged]
Hold

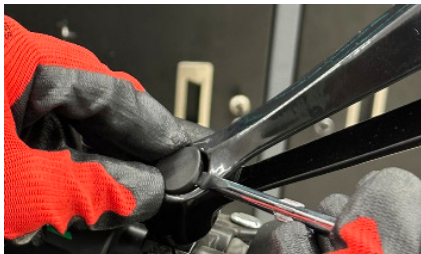
Pressing the **LH** of switch **(1)** cuts power to the motor, and the motor controller stays in this state until the **RH** of the switch is pressed to bring it to the neutral position **(2)**. This switch does not disconnect all electrical circuits; it only halts the current flow to the drive motor. Tap the Change Mode switch **(3)** to cycle between ride modes. See [“Ride Modes” on page 38](#)

Mirror Adjustment

Adjust mirrors so you can see a small portion of your shoulders in each mirror. This will help you establish the relative distance of motorcycles to the rear of your motorcycle.

WARNING Objects in mirrors are closer than they appear. Failure to judge correct distances could result in serious injury or death.

1. Use the flat head screwdriver to remove mirror caps.



2. Loosen the mirror mount bolts using the 8mm open end spanner.
3. Adjust along the vertical rotational axis.



4. Loosen the mirror bolts using the 8mm Allen Key.
5. Adjust along the horizontal, rotational axis.



6. Tighten the bolts after adjusting the mirror assembly.

7. Adjust mirrors so you can see a small portion of your shoulders in each mirror. This will help you establish the relative distance of motorcycles to the rear of your motorcycle.



Throttle Control

To ride the motorcycle, twist the throttle counter-clockwise to engage the motor and move the motorcycle forward. When you release the throttle, it automatically returns to the closed position, activating dynamic regenerative braking while the motorcycle is in motion.



When the motorcycle is moving and only when the throttle is fully closed, dynamic regenerative braking kicks in. This system captures some of the energy from the motorcycle's motion and converts it back into electrical energy, which is stored in the battery pack, improving overall energy efficiency. You may notice a slight resistance when dynamic regenerative braking is active.

To coast without this effect, set regen to level 0. See [“Regenerative Braking” on page 34](#)

NOTE Throttle control directly influences Watt-Hour / Kilometer **[Efficiency]** and performance including but not limited to SoC, motorcycle range, dynamic regen and multiple other parameters.

WARNING Do Not blip the throttle irresponsibly.



GENERAL INFORMATION

Powering ON your F77 SS

To start your motorcycle, turn the key clockwise to the ON position as shown. The motor can be “armed” using the Motor Start switch to operate the motorcycle.

The console will display a loading animation for approximately 12s during which the motorcycle will initialize all systems and land on the main home screen. After the key is switched ON, the motor can be armed after 2 seconds.

To start riding, press and hold the front brake lever or the rear brake pedal along with a long press of the “Motor start” switch. The motor armed tell-tale will glow to confirm that the motor is active. For your safety, The F77 is equipped with the side stand motor kill feature which restricts the motor operation if the side stand is engaged. Ensure the side stand is not engaged to make motor activation possible.

The motor can also be engaged by entering into the “Park assist” through the console controls. See RH switchgear



ARM MOTOR

Brakes (any) +  Hold

PARK ASSIST

Brakes (any) +  Hold

[Only while motor disarm switch is disengaged]

Powering OFF your F77 SS

Bring your motorcycle to a complete halt, press the “Motor stop” switch to power off the motorcycle, and turn the key anticlockwise to the OFF position. The key should be removed from the motorcycle when not in use for the safety and security of your motorcycle.



NOTE : It is not recommended to turn the key off while the motorcycle is running

Handle Lock

When your motorcycle is left unattended, turn the key anticlockwise to the LOCK position and remove the key from the motorcycle.

- Turn the handlebar all the way to the left.
- With the key in the OFF position, push the key down into the lock and rotate anti-clockwise to the LOCK position.
- Remove key.



Parking/Sidestand

After bringing the motorcycle to a steady halt, with the left foot, push the side stand towards the ground to engage it.

WARNING Always park motorcycle on a level, firm surface. An unbalanced motorcycle can fall over, which could result in serious injury.



User Tool Kit

The User Tool Kit is located under the Pillion Rider Seat, next to the fuse box. See [“User Tool Kit” on page 25](#)

Charging

With the key OFF, open the flap, align charger gun to connector pin and plug in to charge.

The Ultraviolette lamp will glow to indicate charging has started.



Payload

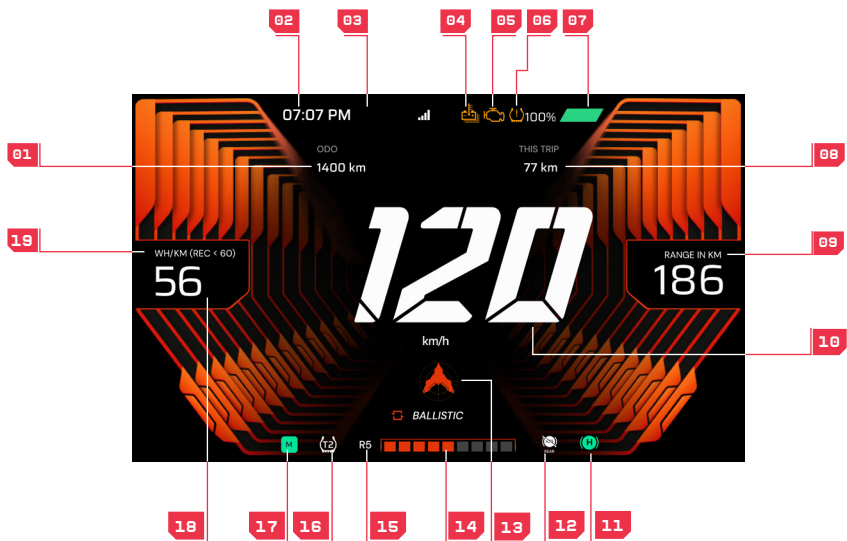
The motorcycle is designed to optimally operate with a payload of 150kg. [75kg Rider + 75 Kg Pillion].



USER INTERFACE

- + Homescreen
- + Menu
- + Ride modes
- + Park assist

Home Screen: Parallax



NO.	DESC.	NO.	DESC.
1	Odometer	11	Hill Hold Indicator
2	Time	12	ABS Mode Indicator (Mono/Dual)
3	Connectivity	13	Current riding mode
4	Battery High Temperature Alert	14	Regen Level Bars
5	Motor Malfunction Alert	15	Regen Level Value (OFF,R1 to R9)
6	TPMS Malfunction Alert	16	Traction Control Indicator (OFF, T1 to T3)
7	Battery state of charge (SOC)	17	Motor Health Indicator
8	Current Tripmeter	18	Watt-Hour / Kilometer (Efficiency)
9	Range in km	19	Recommended Efficiency
10	Speedometer		

17 MOTOR HEALTH INDICATOR

M

 Motor not armed

M

 Motor armed

M

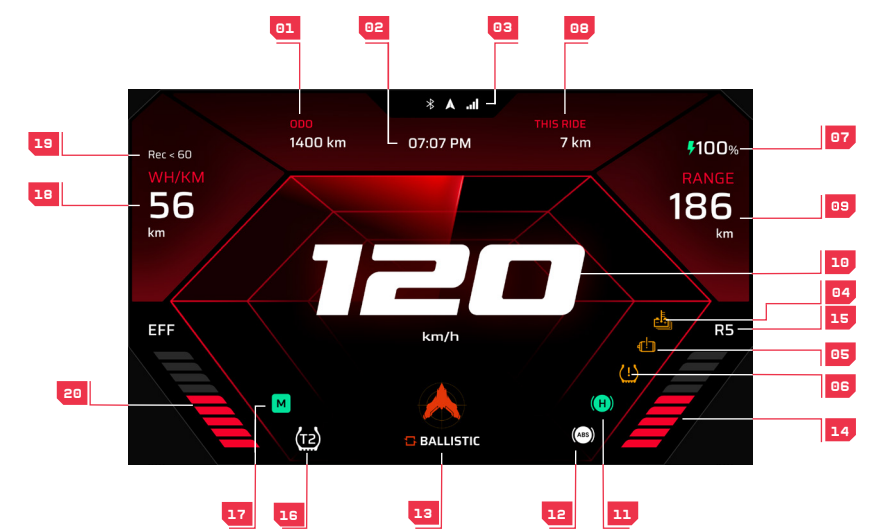
 Motor temperature > 112° C

M

 Motor temperature > 120° C

* Images are for indicative purposes only.

Home Screen: Radar



NO .	DESC .	NO .	DESC .
1	Odometer	11	Hill Hold Indicator
2	Time	12	ABS Mode Indicator (Mono/Dual)
3	Connectivity	13	Current riding mode
4	Battery High Temperature Alert	14	Regen Level Bars
5	Motor Malfunction Alert	15	Regen Level Value (OFF,R1 to R9)
6	TPMS Malfunction Alert	16	Traction Control Indicator (OFF, T1 to T3)
7	Battery state of charge (SOC)	17	Motor Health Indicator
8	Current Tripmeter	18	Watt-Hour / Kilometer (Efficiency)
9	Range in km	19	Recommended Efficiency
10	Speedometer	20	Motor Efficiency Bars

16 MOTOR HEALTH INDICATOR

M

 Motor not armed

M

 Motor armed

M

 Motor temperature > 112° C

M

 Motor temperature > 120° C

* Images are for indicative purposes only.

System Notifications

A system notification pops up on the top edge of the screen to notify the rider of any instances that have occurred.

These are of two types:

Critical Alert

SIDE STAND DEPLOYED

Motor disarmed



Dismiss

Informative Alerts

TPMS MALFUNCTION

Please contact customer support

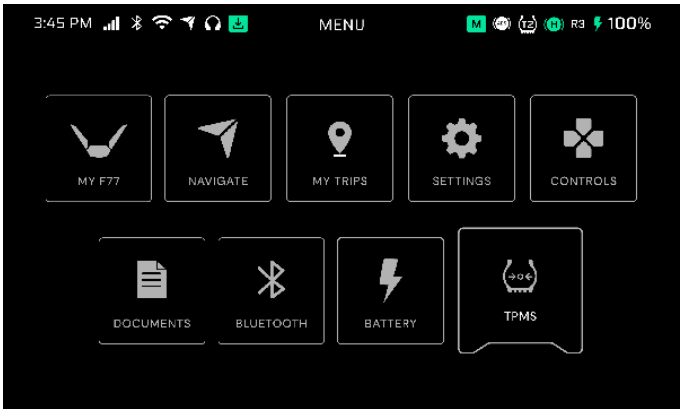


Dismiss

Notification	Condition	Type
BALLISTIC UNAVAILABLE Modes available: Combat and Glide	Battery SoC $\leq$ 30% OR Battery beyond temperature limits	Critical Alert
COMBAT UNAVAILABLE Mode available: Glide	Battery SoC $\leq$ 10% OR Battery beyond temperature limits	Critical Alert
MOTOR IN DERATION	Motor temperature beyond limits	Critical Alert
MOTOR ARM ERROR Release throttle before Arming	Throttle at non zero position	Critical Alert
BATTERY CRITICALLY LOW Hover mode will initiate at 5% battery	Battery at 6%	Critical Alert
REGEN UNAVAILABLE Regen available below 90% battery	Battery >90% AND user requests for limit change	Critical Alert
REGEN AVAILABLE Use navigation keys to adjust levels	Battery at 90%	Informative Alert
DISENGAGING HILL HOLD IN 5S Apply brakes for your safety	Hill hold 5s timer trigger	Critical Alert
ABS AND TC MALFUNCTION Please contact Ultraviolette support	ABS error AND speed >5kmph	Critical Alert
TC MALFUNCTION Please contact Ultraviolette support	TC error (speed >5kmph)	Critical Alert
SIDE STAND DEPLOYED Motor disarmed	Side stand deployed OR Motor Arm request while side stand is deployed	Critical Alert
TYRE PRESSURE ABNORMAL Adjust pressure for ideal performance	Front/Rear Tyre pressure low/above limits (Every key cycle IF true)	Critical Alert
TYRE PRESSURE CRITICALLY LOW Please exercise caution	Front/Rear Tyre critically low (Every key cycle IF true)	Critical Alert
TPMS MALFUNCTION Please contact Ultraviolette support	TPMS battery low or connection error	Critical Alert
DEEP SLEEP ACTIVATED Deep sleep will take effect on key off	If Toggled ON by user from console	Critical Alert
DEEP SLEEP CURRENTLY ACTIVE	If user tries to activate deep sleep in menu	Critical Alert
LOCKDOWN INITIATED	Lockdown mode activated from app	Critical Alert
SWITCHING TO COMBAT At 30% battery	When SoC at 31%	Critical Alert
SWITCHING TO GLIDE At 20% battery	When SoC at 21%	Critical Alert
REGEN UNAVAILABLE	Regen unavailable due to reasons other than 90% Soc	Informative Alert

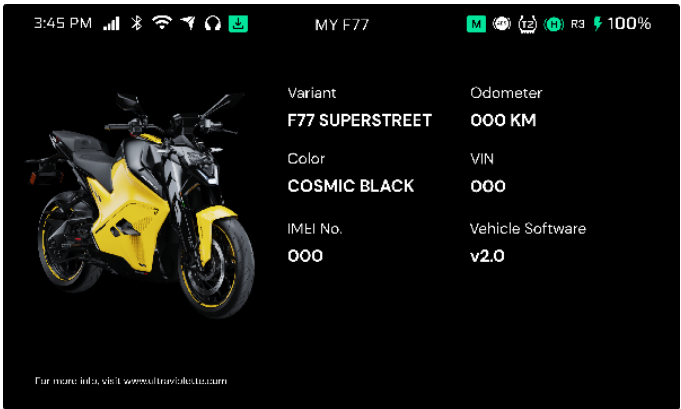
Menu

You enter the menu by clicking [O] button, where you see a host of features and controls on your F77 motorcycle. Select any of the menu items to go deeper into the sub-menu & options.



My F77

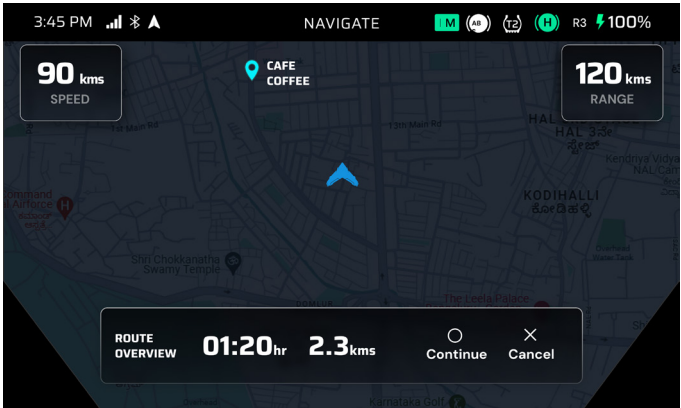
Your go-to source for essential F77 details. It provides convenient access to crucial information such as the unique International Mobile Equipment Identity (IMEI) and Motorcycle Identification Number (VIN). Stay connected to your motorcycle's identity and vital stats. Refer to this section for quick reference and effortless management of your F77 motorcycle.



* Images are for indicative purposes only.

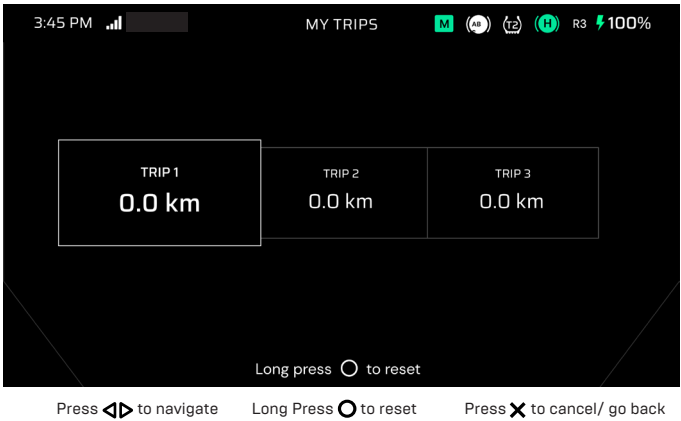
Navigate

Easily navigate with the advanced system built into your F77. Plan your route effortlessly through the UV mobile app, enjoying smooth journeys with real-time updates, accurate directions, and interactive features that enhance your riding experience.



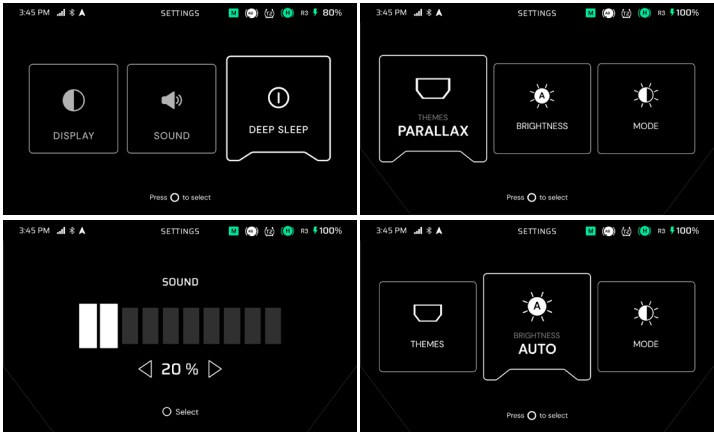
Trips

Take control of your trips with ease using our intuitive trip management system. Switch between the trip-specific distances effortlessly. With the ability to reset trip presets at your convenience, you can track your journeys accurately and stay organized on the road.



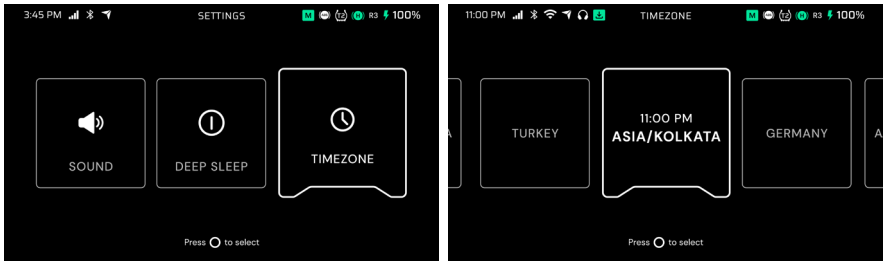
Settings

Tailor your meter console experience to your preferences using the settings menu. Here, you can fine-tune various aspects of the screen to suit your style and needs. Adjust between dark and light display modes for optimal visibility in any lighting condition. Choose between Parallax or Radar UI themes for a personalized interface. Control brightness and sound levels to your liking.



Time Zone

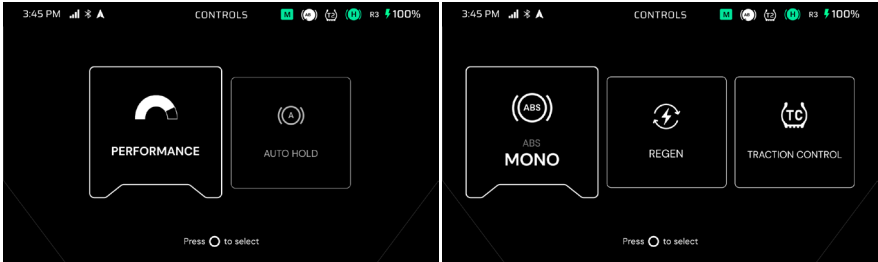
To set your instrument console time zone, navigate to **Settings > Time Zone**.



Choose your preferred time zone using ◀▶ and press ○ to select.

Controls

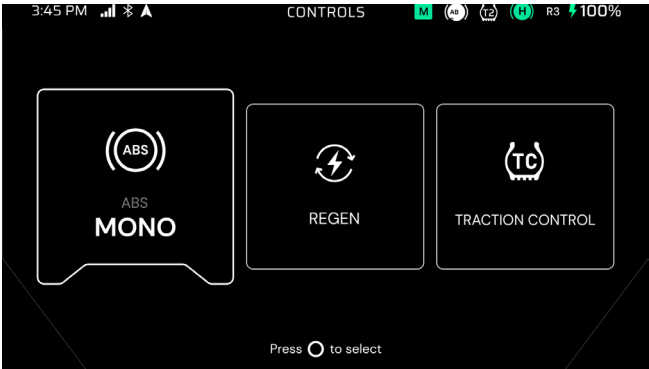
Take charge of your motorcycle’s ride controls with the controls menu. Here, you can customize motorcycle settings to align with your preferences and riding style, enhancing your overall experience.



Press ◀▶ to navigate Press ○ to select Press ✕ to cancel/ go back

ABS

Ensure optimal braking performance with our advanced Anti-lock Braking System (ABS). This feature prevents wheel lock-up during emergency braking situations, enhancing safety and stability. Seamlessly switch between mono and dual-channel ABS modes to suit different riding conditions and preferences. Mono is only to turn off rear brakes.



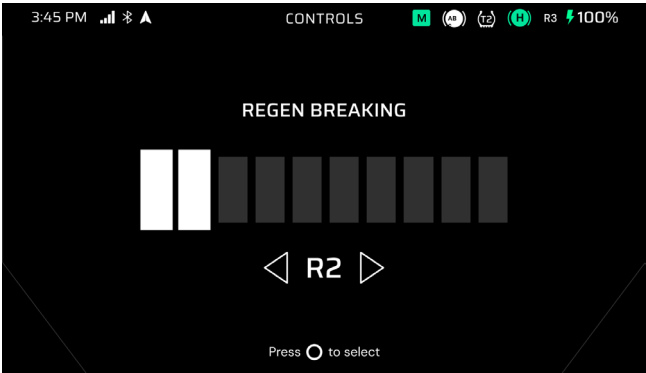
Press ◀▶ to navigate Press ○ to select Press ✕ to cancel/ go back

* Images are for indicative purposes only.

Regenerative Braking

harnesses the power of deceleration to enhance efficiency and extend your riding range. Regen converts a portion of the energy dissipated during braking into electrical energy, replenishing the battery pack. By reclaiming energy that would otherwise be lost, regenerative braking helps optimize energy usage. Dynamic regen is available in nine levels and can be changed on the fly using the navigation [◀▶] buttons on the home screen.

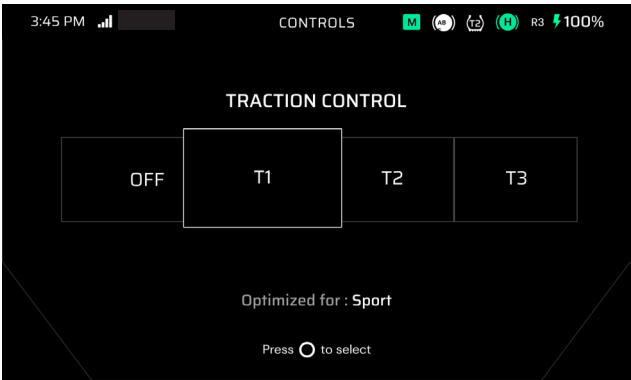
NOTE Regen is not available if: • Main battery pack SoC is above 90% • Main battery pack temp is below 10° C.



Press [◀▶] to navigate Press [O] to select Press [X] to cancel/ go back

Traction Control

Enhances performance and safety on challenging surfaces with Traction Control, which prevents rear wheel slipping in certain riding conditions. While it maximizes traction, note that reduced power due to traction control is not a replacement for safe riding practices. Adjust intervention levels accordingly for optimal control – T1 is the least amount of TC intervention meant for Sport, T2 for Street and T3 for Rain.



Press [◀▶] to navigate Press [O] to select Press [X] to cancel/ go back

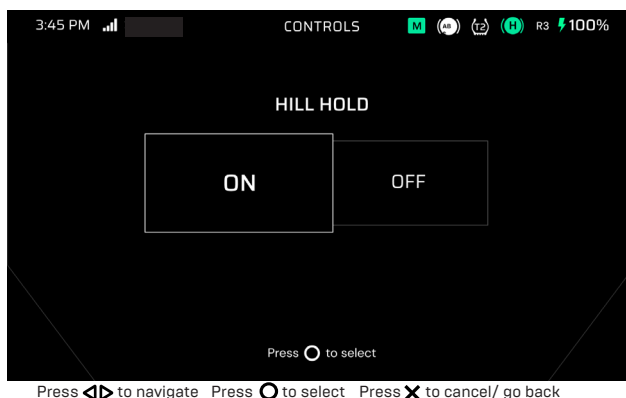
* Images are for indicative purposes only.

Hill Hold

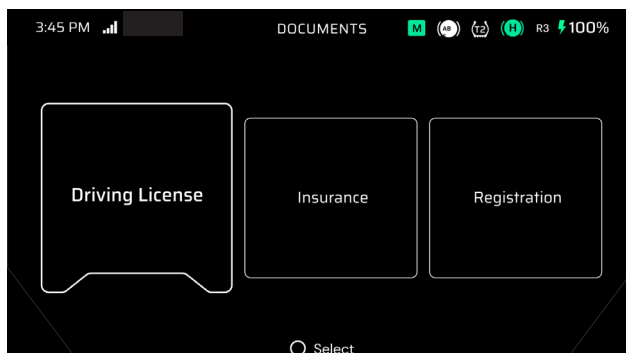
Holds your motorcycle stationary without continuous brake application. It can be Toggled ON/OFF through the menu.

NOTE Hill hold disengages when engaging side stand, applying throttle, or tapping the brakes. It also disengages post 5 seconds if there is no incline detected.

CAUTION Hill hold disengages automatically post 5 minutes or 300 seconds of engagement. To re-engage slightly throttle then release and engage brakes to active Hill Hold.



Documents

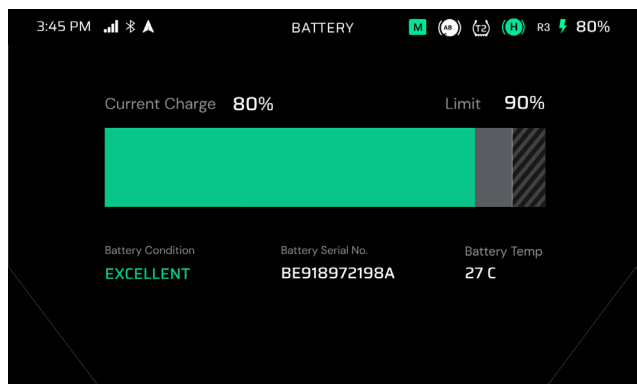


Documents that are necessary for riding on public roads like your driving licence, vehicle registration certificate & insurance papers can be uploaded through the Ultraviolette App and synced on to your F77 motorcycle for quick access or in case of an emergency.

Ultraviolette App > Settings > Documents. See [“Settings > Documents” on page 84](#)

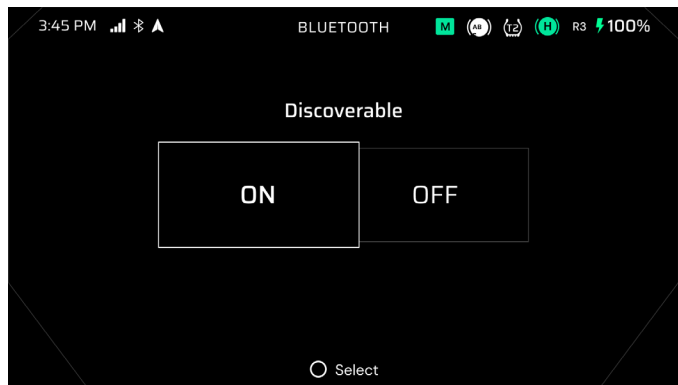
* Images are for indicative purposes only.

Battery - monitor vital aspects including battery health, state of charge, charging limits, and temperature. This comprehensive view empowers you to optimize charging routines, prolong battery life, and ensure peak performance throughout your rides. See [“Battery Pack” on page 47](#)



Bluetooth

Bluetooth enables your motorcycle to connect with your UV app enabled smart phone for push notifications and update information. Access through Menu > Bluetooth.

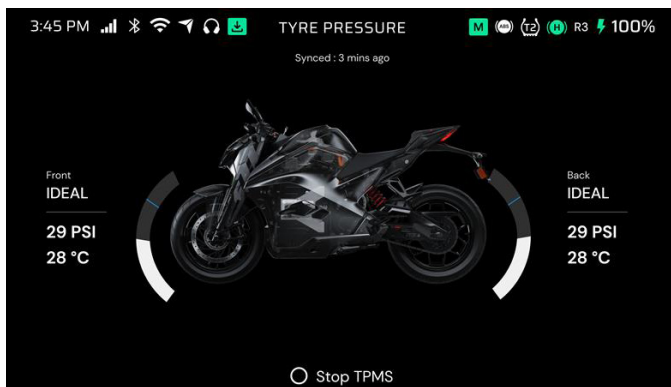


* Images are for indicative purposes only.

Tyre Pressure Monitoring System

The TPMS screen syncs with TPMS sensors installed in the wheels to monitor tyre pressure and temperature, alerting you to low or non-ideal tyre pressure conditions.

NOTE The TPMS operates continuously but not in real-time, with displayed pressure numbers subject to slight variations depending on ambient conditions.



NOTE

- Prioritize checking and filling tyre air before rides, as riding increases tyre temperature, affecting readings. Installation of TPMS, which replaces existing valves, must be conducted solely at Ultraviolette service centers by authorized technicians.

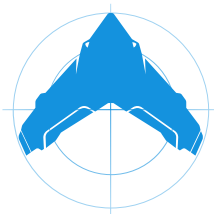
* Images are for indicative purposes only.

Ride Modes

The motorcycle offers three distinct ride modes, each tailored for different riding experiences and optimized for specific performance attributes including top speed, acceleration time, and torque.



GLIDE



COMBAT



BALLISTIC

Glide mode

Optimized for maximum range, available between 100% to 5% State of Charge (SoC) band and battery temperature spectrum.



* Images are for indicative purposes only.

Combat mode

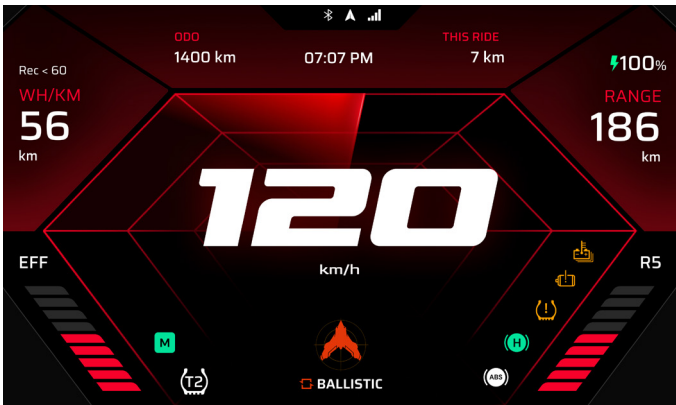
Balances performance and range, tuned for city rides, and available between 100% to 20% SoC.



Ballistic mode

Delivers exhilarating acceleration and peak performance and available between 100% to 30% SoC.

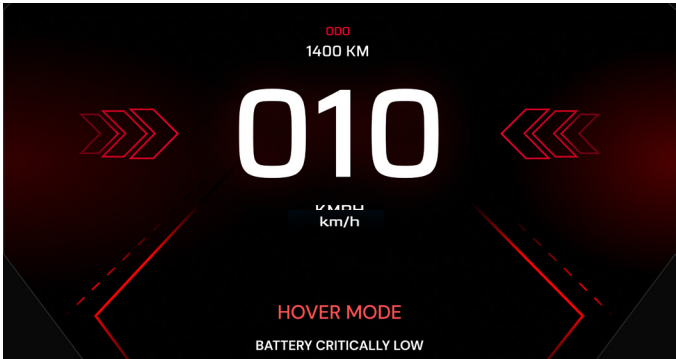
NOTE Ballistic Mode is automatically disabled if battery temperature exceeds 50°C.



* Images are for indicative purposes only.

Hover mode

The motorcycle features a hover mode for emergency conditions, automatically activated at SoC reaching 5% to assist riders in reaching the nearest charging point by limiting motorcycle speed to 25 km/h. Range prediction is unavailable in this mode and varies between 5 km to 10 km depending on multiple factors.



CAUTION

Hover mode is not accessible for everyday use. It cannot be chosen from the ride mode switch and will automatically be activated at 5% SoC. Ultraviolette disclaims any liability for inconvenience or damage that may occur if the motorcycle runs out of charge while in Hover mode.

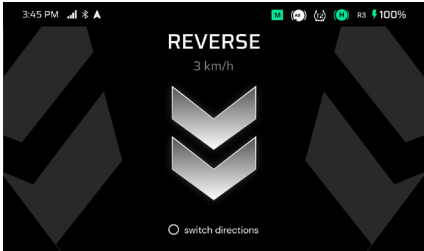
Park Assist

The motorcycle comes equipped with Park Assist to aid in manoeuvring through tight spaces with controlled forward and reverse modes.

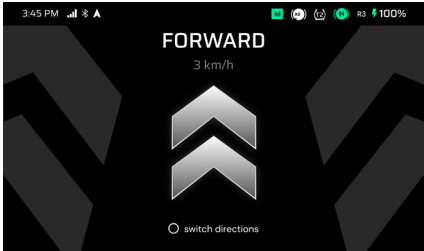
PARK ASSIST Brakes (any) +  Hold

NOTE :

- To change the parking mode between forward and reverse, the throttle and motorcycle speed must be zero.
- The maximum speed in Park Assist mode is locked to 5km/h in forward and 3km/h in reverse.



Press  to switch direction

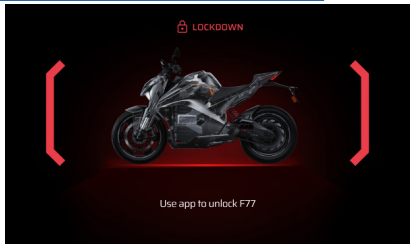


Long press  to exit

* Images are for indicative purposes only.

Lockdown

The Lockdown feature immobilizes the motorcycle once it comes to a halt. To activate, See [“Assist > Lockdown” on page 90](#)



Deep Sleep

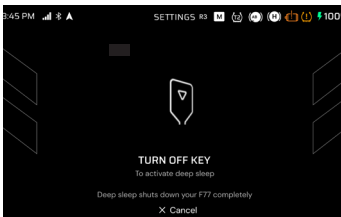
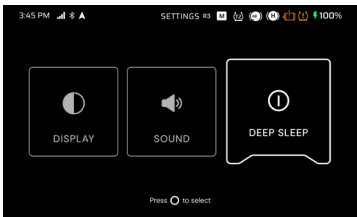
The motorcycle is equipped with a Deep Sleep Mode, designed for extended periods of inactivity. In this mode, all non-essential systems are deactivated to minimize power consumption.

- **Duration:** Deep Sleep Mode can preserve battery charge for up to 3 months.
- **Activation:** Enable Deep Sleep via **Settings > Deep Sleep**, or by disabling all Violette AI features.

NOTE The motorcycle will automatically enter Deep Sleep once the battery’s State of Charge (SoC) drops below 23% and when the motorcycle is parked.

- **Optimal SoC for Activation:** For enhanced battery longevity, activate Deep Sleep when the SoC is between 50% - 60%.
- **Deactivation:** To exit Deep Sleep, simply turn on the key or connect the charger if the motorcycle is unresponsive.

NOTE Deep Sleep Mode is recommended if the motorcycle will remain unused for 30 days or more. For more details, see [“Storage Guidelines” on page 74](#)



NOTICE

These features are designed to assist but do not replace the need for manual control and vigilance. Ultraviolette will not be liable for any damage or accidents resulting from improper use of these features.

* Images are for indicative purposes only.

Motorcycle Range

The range of an electric motorcycle is defined as the distance the motorcycle travels on a single full charge of the battery pack. Just like mileage estimates for an ICE automobile, “your mileage may vary.” Your range results are a direct reflection of your riding habits. The more conservatively you ride, the better range you can expect from your Ultraviolette motorcycle.

Several factors influence range, including speed, acceleration, frequency of starts and stops, ambient air temperature, and changes in elevation. Additionally, tyre pressure and payload (Rider 75Kg + Pillion 75Kg) are crucial factors to consider.

We recommend starting with a conservative riding style when you first acquire your Ultraviolette motorcycle. This approach allows you to familiarize yourself with the motorcycle and your typical commuting route. By taking the time to understand how range and performance interact, you’ll be better equipped to adjust your riding habits according to your preferences and needs. For instance, if you primarily ride short distances in a city environment, you might find that moderate acceleration and gentle braking extend your range, as frequent stops and starts can deplete the battery more quickly. Conversely, if your trips involve longer stretches on highways, you might want to experiment with higher speeds to see how they affect range. This advice is particularly relevant for riders whose trip profiles push the boundaries of the motorcycle’s performance capabilities. By gradually increasing your riding intensity, you’ll gain insights into the optimal balance between speed and efficiency.

It’s also worth noting that the range values provided in this User manual are determined using different standards based on the country in which your Ultraviolette motorcycle is sold. Understanding these measurements can help you better anticipate how your motorcycle will perform in various conditions.

Ultimately, riding conservatively at first not only enhances your safety but also maximizes your enjoyment of the motorcycle as you learn its unique characteristics. Below are some optimal conditions to maximize range.

ROUTE



Smooth & Paved Roads



Pre-Planned Charging Stops



Recommended Wh/Km

WEATHER



Warmer Weather



Less Wind



Dry Roads

RIDING STYLE



Tucked-In Position



Gentle Acceleration



Follow Speed Limits

MONITORING



Optimum Tyre Pressure



Recommended Chain Slack



Optimum Regen Activation

42

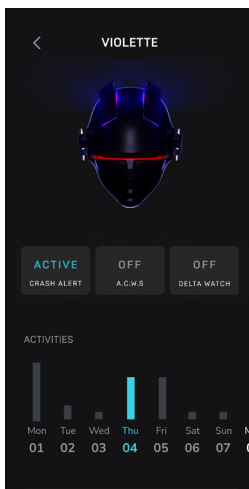


UV SMART TECH

- + Violette AI
- + Crash Alert
- + A.C.W.S
- + Delta Watch

Violette AI [ADD-ON*]

Violette comprises advanced rider assistance features aimed at enhancing safety and reducing the stress of riding. While these features offer significant support, they do not render the F77 fully autonomous and do not replace your role as the rider.



DISCLAIMER

Ultraviolette is not responsible for any incidents that may occur due to over-reliance on Violette AI features. Always maintain vigilant riding practices.

Crash Alert

Crash Alert, a feature within Violette, monitors for collisions and notifies your connected Ultraviolette app if one is detected.

In the unfortunate event of a crash of the motorcycle, Violette AI disarms the motor, activates the horn and displays your emergency contact information on the app for manual dialing, for bystanders/riders to provide assistance.

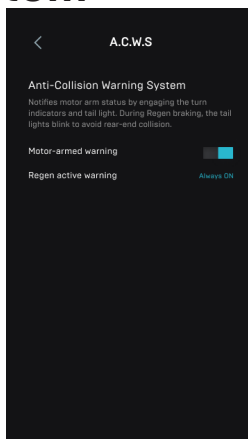
NOTE

It only raises an alert and does not call anyone automatically. It is intended to be a rider or by-stander aid in the event of a crash.

***Violette AI, along with its features, is an optional upgrade when buying the motorcycle.**

Anti-Collision Warning System

A.C.W.S. is part of Violet AI, which alerts bystanders and motorists to the presence of your motorcycle through beacon lights. The tail light rapidly flashes during regen braking, the indicator lamps mimic aircraft light frequencies when armed but stationary, and the tail lamps flash every 30 seconds when parked. You can toggle these alerts ON/OFF in the A.C.W.S. section under the Violette section of the Ultraviolette App.



Delta Watch

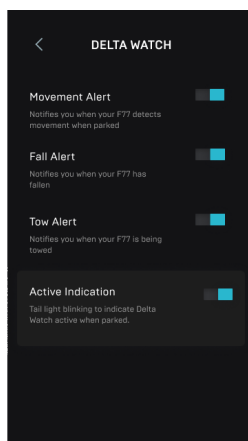
The F77's Violette AI is equipped with Delta Watch, which monitors the motorcycle and notifies your connected Ultraviolette App, flashes the tail/indicator lamps on the F77, and activates the horn in the event of an unauthorized tampering attempt while the motorcycle is parked.

Movement Alert: Activated if a minor movement is detected.

Fall Alert: Triggered if it falls while stationary.

Tow Alert: Notifies you if your F77 is being towed away without authorization or without the key.

Active Indication: The tail lights will blink to indicate that Delta Watch is activated



NOTICE

These features are designed to assist but do not replace the need for manual control and vigilance. Ultraviolette is not liable for any damage or accidents resulting from improper use of these features.

* Violette AI and its features are operational only provided the F77, the connected mobile phone and the app are in working/ network accessible conditions. The DELTA WATCH notifications are visible only in the Ultraviolette app.



BATTERY & CHARGING

- + Battery Pack
- + Battery life
- + Charging
- + Charging Limits

Battery Pack

The motorcycle comes equipped with a rechargeable battery pack. It operates within a temperature range of 0°C to 55°C, the BMS (Battery Management System) initiates a system shutdown while the motorcycle is stationary, if outside this temperature range.

Battery Life

The motorcycle battery pack is engineered for the entire life of the motorcycle. However, there are best practices recommended to minimise the ageing effects of the battery as follows:

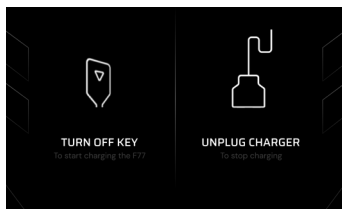
- Avoid prolonged storage of the motorcycle at a high level of charge to avoid battery cell degradation. See [“Storage Guidelines” on page 74](#).
- When the battery is fully charged, please ensure to unplug the DC connector from the motorcycle and PRCD (Portable Residual Current Device)-from the AC power socket.

Charging

The motorcycle is equipped with an IEC 62196-6 charging connector for DC fast charging, compatible with external DC chargers. Ensure to charge the motorcycle battery pack in a well-ventilated environment, at least 20 meters away from combustible substances.

Procedure:

1. Turn the key to the OFF position, remove it and open the charger lid to access the charging port.
2. Secure the charging gun into the charging port with a click sound.
3. Power ON the charger. The Ultraviolette logo lamp near the charging port glows, indicating a good connection with the motorcycle and power supply. If not glowing, contact Ultraviolette support.



4. The charging indicator on the instrument cluster  blinks continuously, confirming the battery pack has started charging. If it is not, contact Ultraviolette support.
5. While charging, pressing any control switch on the handlebar wakes up the instrument cluster, displaying the charging screen.
6. Upon completion, the system shuts down. Remove the charging gun/cable from the motorcycle by pressing the latch and close the charging lid.

NOTE

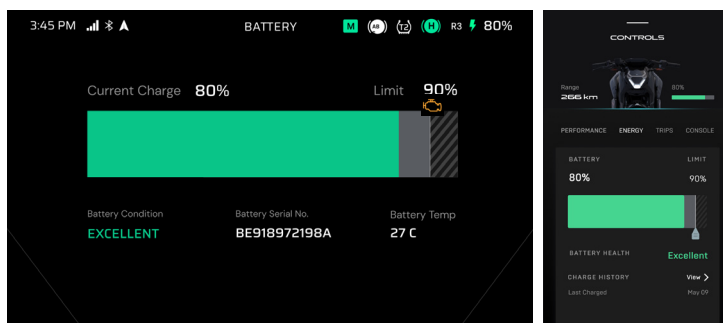
- Charging time varies based on battery temperature and charger type.
- Charging does not occur if the temperature exceeds 50°C.
- The charger derates in case of a spike in PRCD temperature.

CAUTION Avoid charging in rainy conditions or when the charging port is wet.

WARNING If the motorcycle or charger gets submerged in water, **DO NOT USE OR TOUCH THE Motorcycle OR CHARGER due to the risk of ELECTRIC SHOCK.** Contact Ultraviolette support immediately.

Charging Limits

Adjust the charging limit [80%, 90%, 100%] via Controls > **Energy** section in the Ultraviolette App. See [Energy](#)



NOTE

Ultraviolette recommends setting a 90% charging limit to ensure that regenerative braking remains operational.



MAINTENANCE

- + Periodic Maintenance Schedule
- + Cleaning and washing
- + User Toolkit
- + Head Light Adjustment
- + Fuse Replacement
- + Brake Pads Replacement
- + Brake Fluid
- + Suspension
- + Chain Slack Adjustment
- + Preload Adjustment
- + Storage
- + Troubleshooting
- + Emergency support

Periodic Maintenance Schedule

The maintenance schedule detailed here will help you maintain your F 77 Motorcycle meticulously and to get a long and trouble free service life. The schedule provided here is based on average riding conditions and indicates the kilometers and months at which regular Cleanings, Inspections, Lubrications, Tightening, Replacements, Adjustments and Updatations are to be carried out. The frequency of the maintenance must be shortened depending on the severity of driving condition or if the motorcycle is used in a very dusty environment. Contact the nearest Ultraviolette dealer for expert advice and to carry out the required maintenance. **Parts, incidentals & others are CHARGEABLE.** Validity of services are as per periodic maintenance schedule given Days/KM whichever is earlier. Battery health checkup is part of periodic maintenance.

C - Clean I - Inspect L - Lubricate T - Tighten R - Replace A - Adjust U - Update R* - Replace if required												
Sl.	Service Duration	1st Year			2nd Year		3rd Year		4th Year		5th Year	
	Kilometers/ Days	1K/ 30	5K/ 180	10K/ 360	15K/ 540	20K/ 720	25K/ 900	30K/ 1080	35K/ 1260	40K/ 1440	45K/ 1620	50K/ 1800
	Service	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th
1	Ultraviolette Standard Scope of Service	*	*	*	*	*	*	*	*	*	*	*
2	Brake fluid (F & R) *1 year or 20000 Km 1st replacement. Then in 20,000 Interval					R				R		
3	Drive chain master link replacement			R		R		R		R		R
4	Front sprocket wear and tear inspection			I,R*		I,R*		I,R*		I,R*		I,R*
5	Front fork oil replacement					R				R		
6	Transmission oil replacement	R		R		R		R		R		R
7	Main and auxiliary battery terminal wires check for damage	I	I	I	I	I	I	I	I	I	I	I
8	Sprocket cushioning rubber dampers replacement					R*				R*		
9	Steering bearing lubrication				L			L			L	
10	Swing arm needle bearing Inspection and lubrication			I,L		I,L		I,L		I,L		I,L

Sl.No	Ultraviolette Standard Scope of Service
1	Aux battery voltage, charging and leakage checking, Terminal grease application
2	Main battery health check
3	Charger/Charging operation/DCP Operation
4	Brake disc thickness measurement and pad check (replace if required)
5	Brake fluid level check
6	Brake hose damage check
7	Drive chain cleaning & Lubrication
8	Drive chain slack adjustment
9	Drive chain guide rubber damage check (Replace if required
10	Steering Freeplay Check and Adjustment
11	Front and rear suspension operation check
12	Front and rear suspension oil leakage check
13	Front and rear wheel free rotation, noise and play
14	Auxillaries Check(Switches, Lights indicators, horn)(adjust headlight if required
15	Lock operation (key lock and seat lock actuation, lubrication)
16	Lubrication/greasing points (brake lever, footpegs, brakepedal, sidestand)
17	Software updation check & Service reminder resetting
18	Side stand actuation and sensor check
19	Throttle free operation
20	Motorcycle cleaning and polishing and consumables

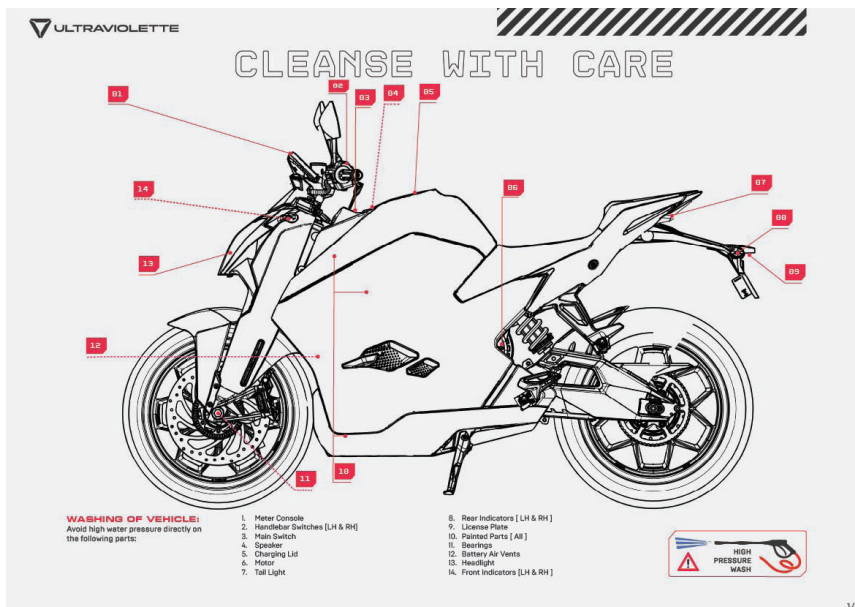
For maintenance beyond 50,000 km, please repeat the schedule from 20,000 km onwards in consultation with an Ultraviolette authorized dealer/service center.

Periodic Maintenance and Services

Maintaining your Ultraviolette motorcycle at scheduled intervals at an Authorized Service Center is crucial for warranty eligibility. Regular servicing will ensure your motorcycle performs at its best.

Cleaning and Washing

Clean and wash the motorcycle cautiously, as improper methods can damage electrical components and void the warranty. Always park the motorcycle on a level surface, turn it off, and remove the key before cleaning. Keep the charging lid closed and avoid disconnecting any electrical components.



Cleaning the motorcycle:

CAUTION

- Clean your motorcycle regularly to protect surface finishes and inspect for damage, wear, and fluid leakage.
- Usage of cleaning products that are not specifically designed for motorcycle or automobile surfaces must be avoided. Harsh detergent or chemical solvents could damage the metal, paint, and plastic parts of the motorcycle.
- If the motorcycle is still warm from a recent ride, some time should be given to the battery and motor to cool down before the motorcycle is washed.

WARNING

Avoid high-pressure water spray, as it can damage parts of the motorcycle. Recommended Water Pressure: Below 90 Bar.

Washing the motorcycle:

- Remove loose dirt from the motorcycle by using the water. Rub the soiled area of the motorcycle gently, rinsing it frequently with fresh water.
- Clean the motorcycle with a soft cloth or sponge using water.
- Do not use high pressure cleaning systems as they can cause water intrusion in bearings, seals, electrical components, and electrical devices.
- Use a sponge or soft cloth dampened with a solution of mild detergent and water to clean the plastic parts.

CAUTION Ensure to keep brake fluid or chemical solvents off the motorcycle. They will damage the plastic and painted surfaces.

NOTE

- After cleaning, rinse the motorcycle thoroughly with clean water. Alloy parts might get corroded due to strong detergent residue.
- Dry the motorcycle with pressurised air.
- Right after washing the motorcycle, braking efficiency may be temporarily reduced.
- Testing of brakes is required before riding the motorcycle. Apply brakes several times to restore normal braking performance.
- To avoid a possible accident, expect longer stopping distance.

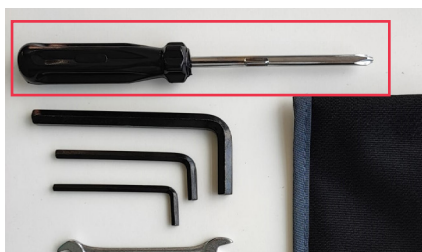
CAUTION Do not remove the seat or any body panels for washing. Use mild automotive grade shampoo for road grime and mud stains on panels. Use a long bristle brush to reach tight areas and recesses.

User Toolkit:

The User Tool Kit is located under the Pillion Rider Seat, next to the fuse box. See [User Toolkit](#) for usage.



1. Philips/ Flat head Screwdriver



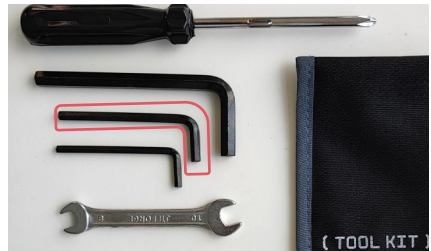
2. 8mm -10mm Open End Spanner



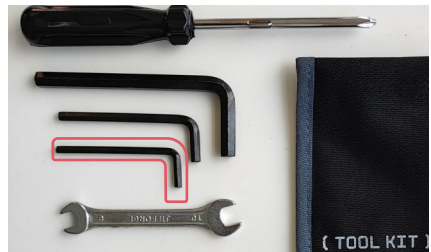
3. 8mm Allen Key



4. 5mm Allen Key



5. 4mm Allen Key



6. Pre-Load Adjuster

This Special tool is to be used for adjusting the front suspension pre-load. Refer ["Front USD Fork" on page 69](#)



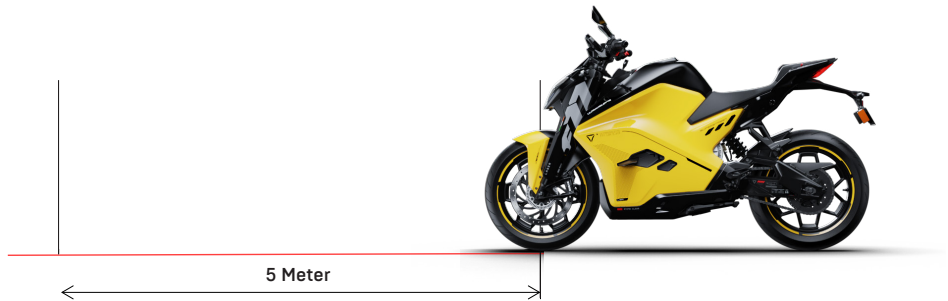
Headlight Beam Adjustment:

Adjusting the headlight on a motorcycle is important for optimal visibility and safety. Here's a general guide on how to adjust the headlight:

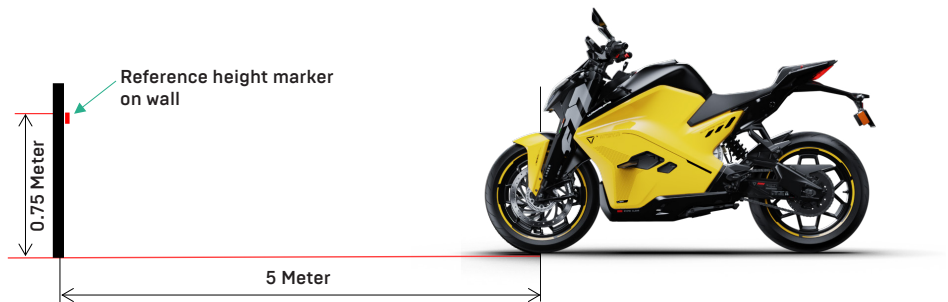
Tools Required:

- Phillips Head Screwdriver
- Measuring Tape

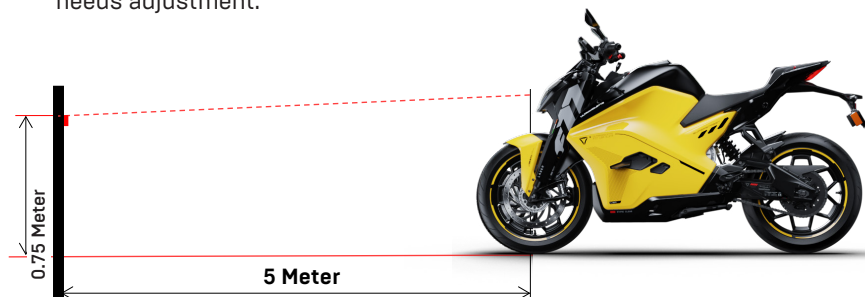
1. Ensure the tyres are properly inflated to the recommended pressure.
2. Park your motorcycle on a level surface 5 meters away from a perpendicular wall as shown. Make sure both the front and the rear wheels are touching the ground during this operation.



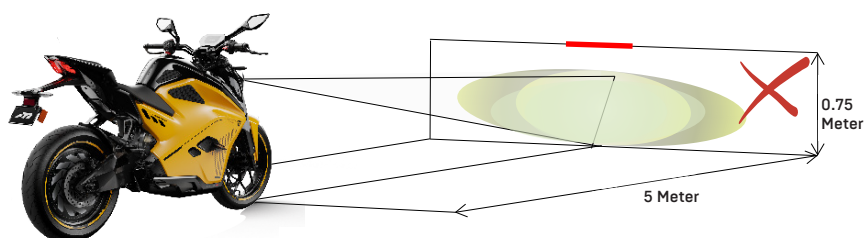
3. Using a marker or a tape, mark the wall at a height of 0.75 Meter as shown.



4. With the rider seated on the motorcycle, arm the motorcycle and switch the headlight to low beam.
5. The top-most brightest line of the headlight low beam should be on the line marked on the wall. If it is not coinciding, the headlight beam height needs adjustment.



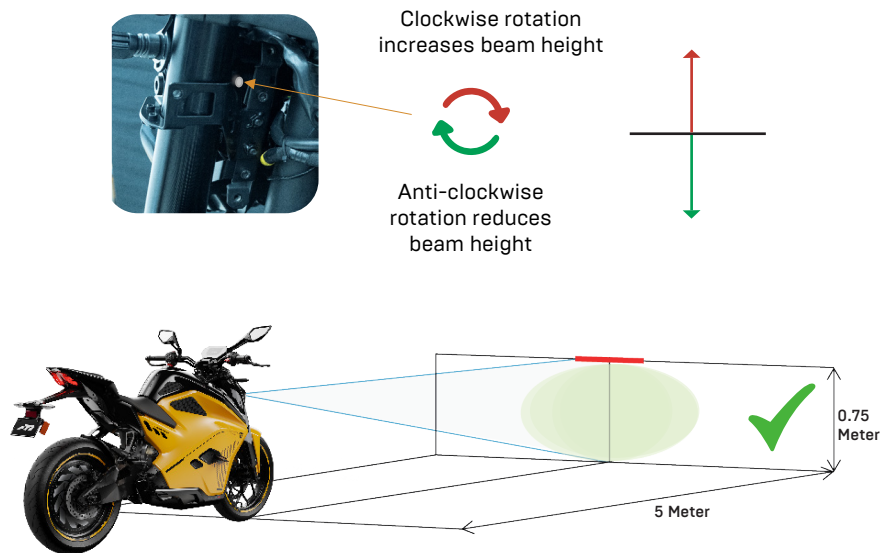
6. Figure below shows an improperly adjusted head light beam, where the beam is below the marked line.



7. To adjust the head light beam height, open and remove the USD fork back cover using Philips screwdriver as shown.



8. Adjust the Philips screw shown to increase or decrease the beam height.



Fuse Replacement

- A fuse , otherwise called as a Safety fuse is a major safety device in any electrical circuit.
- It is sometimes termed as a body-guard of the circuit.
- Fuse saves a system against damage due to excessive flow of current due to various reasons.

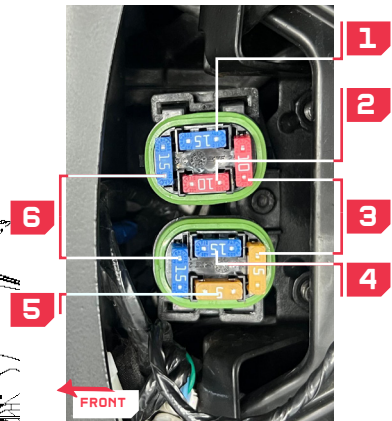
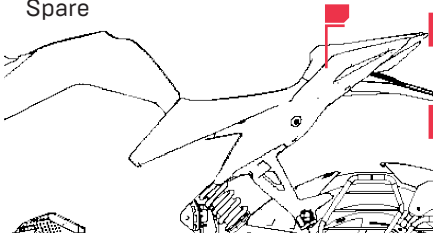
Procedure of checking fuse

1. Insert the key and turn clockwise to unlock, lift and remove the pillion seat.
2. Press the lock clips, lift and open the fuse cover as shown.



3. The fuses and their applications.

1. 15A ABS main
2. 10A ABS sub
3. Spare
4. 15A DC-DC output
5. 5A VCU
6. Spare



4. Fuse gets blown due to excessive current flow through it. Below could be a few reasons for it.

- a. Wrongly rated fuse assembled
(5 Ampere fuse installed in a 15 Ampere fuse slot)
- b. Short circuit due to faulty wiring
- c. Over-loaded electrical system
- d. Faulty auxiliary battery

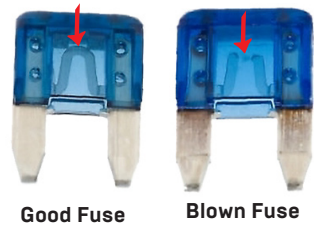
5. Figure shows a good fuse and a blown fuse respectively.
6. Check the fuse manually by pulling out the fuse from its socket.

NOTE Avoid using a multimeter to check fuse continuity. It could damage electrical components and may show false reading sometimes.

7. Replace a blown fuse with a spare fuse of same Amperage.

NOTE Never replace a blown fuse with a spare fuse of lower or higher amperage.

8. If the fuse blows out repeatedly, contact Ultraviolette service.



Wheels and tyres

Inspection

Front Wheel

1. Elevate the front wheel by using a front paddock stand.
2. Check for play. Ensure that the fork assembly does not move.
3. Check that the wheel rotates smoothly with no abnormal noise while turning the wheel.
4. If abnormal conditions are suspected, inspect the front wheel bearings.



Rear Wheel

1. Elevate the rear wheel by using a rear paddock stand.
2. Check for play in either the wheel or the swing arm pivot.
3. Check that the wheel rotates smoothly with no abnormal noise while turning the wheel.
4. If abnormal conditions are suspected, inspect the rear wheel bearings.



NOTE : As the swing arm pivot is included in this inspection. Be sure to confirm the location of the play, whether it is from the rear wheel bearings or the swing arm pivot.

Tyre pressure:

- Check and adjust the tyre pressure.

NOTE : The tyre pressure should be checked and adjust when the tyres are "COLD".

- Front tyre: 30 Psi
- Rear tyre: 32 Psi



Tyre Tread:

1. Check the tyre treads and side wall for imbedded nails, cuts or other damage.
2. Measure the tread depth at the centre of tyre. Replace the tyre when the tread depth reaches the following limits:
Front: 1.0 mm; Rear: 1.0mm

Tyre Wear Indicator (TWI)

1. For ease in inspection of the tyres, tyre wear indicators (TWI) are given at several locations around the tyre.
2. When the tyre wear indicator contacts the road indicating the tyre is worn to the wear limit, replace the tyres immediately.



Brake Pads Replacement

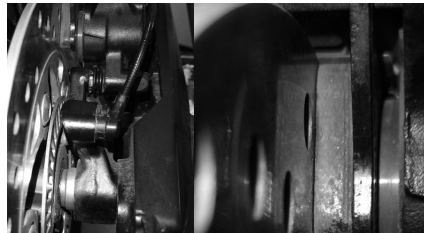
- Brake pads play a pivotal role in safety of the motorcycle, the rider and the other road users.
- Brake pads should be replaced before it is worn out completely.
- Brake pads wear off as per the usage.
- It is impossible to determine the life of the brake pad without looking into the parameters like ride pattern, road condition, density of the traffic, speed of operation etc.
- Brake pads are considered as wear and tear items.

Tools Required/Items required:

- 3 mm drift pin
- Ball peen hammer
- 6 mm Hex socket key (Allen key)
- Gloves
- T-30 Torx key
- 300 mm Drift punch
- Nose plier

Rear Brake Pad Replacement

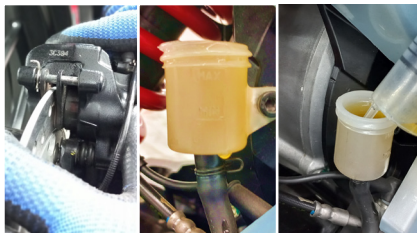
1. Check the brake pad wear. If the brake pad is worn out, the pad needs to be replaced.



2. If the brake pad needs replacement, remove the cover of rear brake fluid reservoir.



3. Slowly push the rear brake caliper piston inside by making sure that the brake fluid does not overflow from the reservoir. If the brake fluid in the reservoir rises more than the maximum limit, remove the excessive brake fluid.



CAUTION

- Brake fluid is toxic and belongs to special waste.
- Avoid spillages. If spilled, rinse off spilled liquid with water multiple times as it could damage painted surfaces.
- Store the old liquid in special packaging and do not mix with old oil.
- The color of the brake fluid does not indicate quality.
- Brake fluid should be stored in a dry, cool, and well-ventilated place.

4. Remove the β clip using a nose plier and gently punch out the disc pad lock pin using a 3 mm drift pin and a hammer.



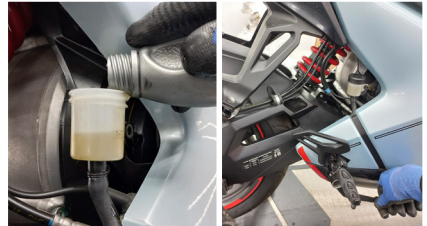
5. Shows a new brake pad and a worn-out brake pad. The brake pad should be replaced when the wear indicator is not visible.



6. Pull out the worn out brake pads and insert the new brake pads. Insert the disc pad lock pin and B clip.

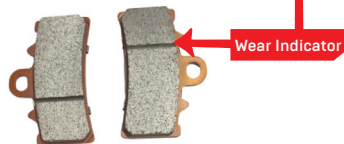
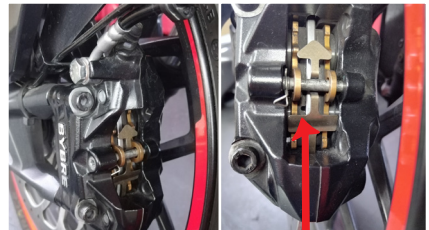


7. Add fresh DOT 4 brake fluid and pump the rear brake pedal till the brake is loaded.

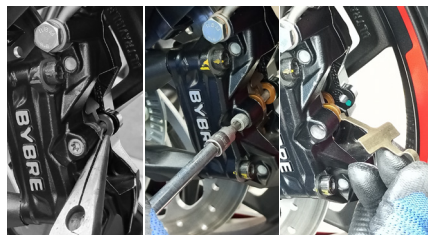


Front Brake Pad Replacement

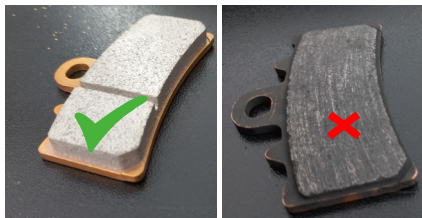
1. Check the brake pad wear. If the brake pad is worn out, the pad needs to be replaced.



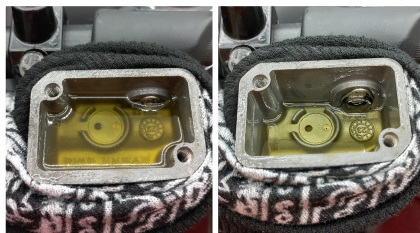
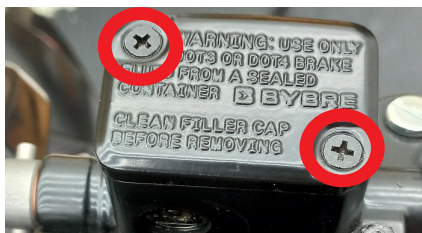
2. Remove the lock clip using a nose plier and remove the brake pad lock pin using a T30 Torx key and remove the retainer spring and brake pads.



3. A new brake pad and a worn out brake pad. The brake pad should be replaced when the wear indicator is not visible.



4. Open the front brake reservoir cap and remove the excess brake fluid.



5. Remove the caliper from the LH USD fork using 6 mm Hex key and push the 4 caliper pistons inside

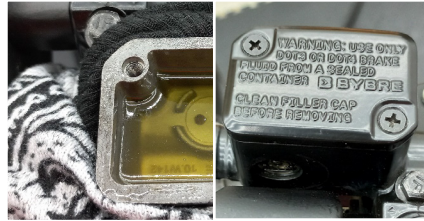
NOTE Keep a watch on the reservoir to avoid overflow of brake fluid while the front caliper pistons are pushed in.



6. Assemble the front brake caliper and torque the caliper mounting bolts to  **28 Nm** and insert the new brake pads, retainer springs, brake pad lock pin and the clip.



7. Fill the reservoir with fresh DOT 4 brake fluid, actuate the front brake lever till it gets loaded, top up the brake fluid in the reservoir and assemble the reservoir cover.



CAUTION Testing of brakes is required before riding the motorcycle. Apply brakes several times to restore normal braking performance.

Brake Fluid

Front brake fluid checking & top-up

1. Check the front brake reservoir level through the sight glass.
2. Ensure that the brake fluid level does not fall below lower level mark on brake fluid reservoir, when checked with the brake fluid reservoir parallel to the ground.
3. To top up the brake fluid, remove the cover, set plate and diaphragm.
4. Fill the reservoir to the casting edge with brake fluid from a sealed container.



Rear brake fluid checking & top-up

1. Check the rear brake reservoir level.
2. Ensure that the brake fluid level does not fall below lower level mark on brake fluid reservoir, when checked with the brake fluid reservoir parallel to the ground.
3. To top up the brake fluid, remove the cover, set plate and diaphragm.
4. Fill the reservoir with brake fluid from a sealed container.



Brake Fluid Specification

Brake Fluid Grade	DOT 4
Replacement Interval	1st Replacement at 12 Months or 20,000 Kms, whichever is earlier. Consecutive replacement at every 24 Months/ 20,000 Kms whichever is earlier.

Suspension

Front suspension sag:

Measure the difference in the vertical height from the bottom of the fork tube to the bottom of the dust seal when the motorcycle is rider-laden and when the unladen motorcycle front wheel is lifted.

NOTE Recommended total sag: 35mm

Rear suspension sag:

Measure the difference in the vertical height from the rear axle to the tail lamp when the motorcycle is rider-laden and when the unladen motorcycle rear wheel is lifted on a paddock.

NOTE Recommended total sag: 15mm

Front USD Fork

Preload Adjustment

Front USD forks are adjustable. They can be adjusted as per the load/road conditions accordingly.

Adjustment

1. Install the front fork preload adjustment tool onto the front fork.
2. Rotate the adjuster slowly as per the requirement.

Clockwise: (H) Stiffer

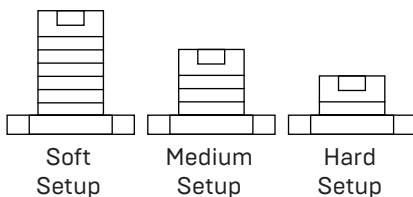
Anti-clockwise: (L) Softer



CAUTION DO NOT rotate the USD fork preload adjuster beyond limits. It can cause damage to the tool or component.

NOTE

- Avoid sudden jerk movements while making adjustment. Doing so might damage the edges of adjuster.
- Ensure both right and left front suspension pre-load adjuster is equal to avoid non-uniform wear and tear of the suspension/tyres which can also cause discomfort in riding.
- After adjustment, check for any damage.



Rear Shock Absorber

Preload Adjustment

The rear monoshock absorber is adjustable to suit load and road conditions. Adjustments should be made using the rear shock absorber adjustment tools available at the service center.

- **Clockwise: Softer**
- **Anti-clockwise: Stiffer**

Adjustment:

Adjustment can be made by using the

 Rear Shock Absorber Spring Tension Adjusting Tool

Use a set of this tool [2 nos] to adjust the rear shock absorber tension.

The lower slotted nut [1] is a locknut and the upper slotted nut [2] is an adjuster nut.

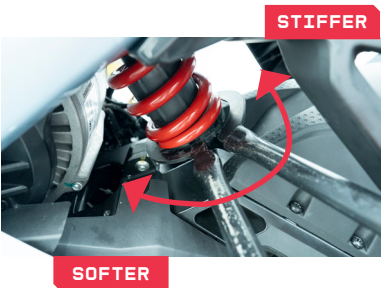
Hold the adjuster and loosen the locknut.

1. Tighten/loosen the adjuster as per the requirement.
2. After the adjustment, hold the adjuster and tighten the locknut.

WARNING

The rear monoshock absorber contains high-pressure Nitrogen gas. Do not attempt to disassemble or refill this assembly, as it may result in an explosion and serious injury. Replacement and disposal should only be done by an Authorized Ultraviolette service center.

NOTE Recommended rear shock preload adjustments are formulated for different rider weights based on precise measurements of preload sag.



Rear Shock Adjustment Guide

Weight	Preload Adjustment
65 - 85 Kg	5mm [Factory Setting]
85 - 110 Kg	Factory Setting + 5mm [4 rotations]
Above 110 Kg	Maximum Preload

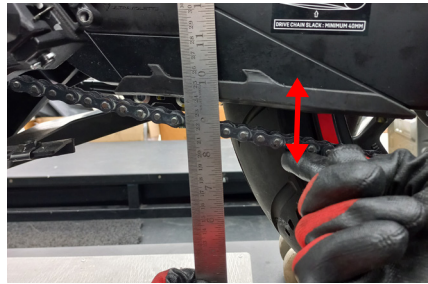
Drive Chain Slack Adjustment

WARNING Never inspect and adjust the drive chain while motorcycle is running.

NOTE : Excessive drive chain slack may damage the swingarm.

Drive chain inspection:

1. Elevate the rear wheel by using a rear paddock stand.
2. Ensure that the motorcycle is in OFF condition.
3. Check the slack in the drive chain lower run midway between the sprockets.
4. Move the drive chain up and down by hand.



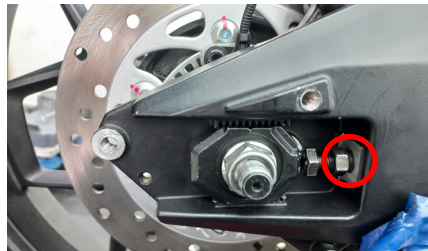
IMPORTANT Recommended drive chain slack: **40 mm**

5. Rotate the wheel and check drive chain slack.
6. Drive chain slack should remain constant as the wheel rotates.



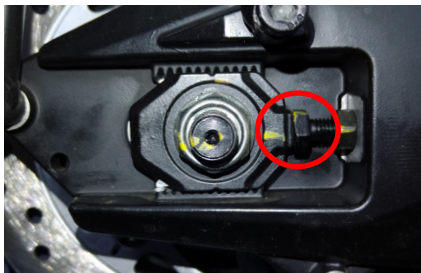
Adjustment

1. Elevate the rear wheel by using a rear paddock stand.
2. Loosen the rear axle nut.
3. Loosen both the lock nuts.

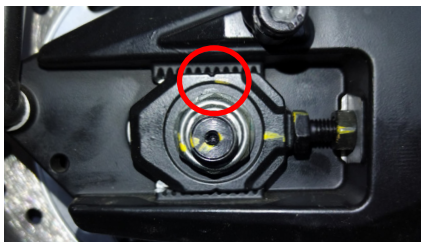


4. Loosen both the adjuster bolts. Turn both adjusting bolts until the correct drive chain slack is obtained.

NOTE Turn the adjusting bolt clockwise to decrease the slack or anticlockwise to increase the slack of the chain.



5. Make sure the index mark on both sides of the swingarm are aligned with the drive chain adjusters equally.



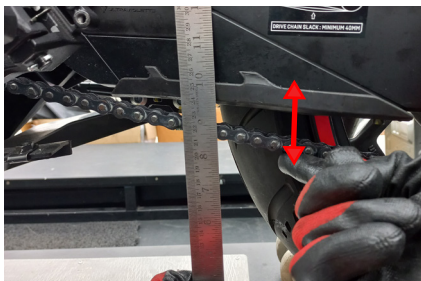
6. Tighten the rear axle nut to the specified torque.

T : 95 Nm

7. Tighten both the adjusting bolts and lock nuts.



8. Recheck the drive chain slack and free wheel rotation.



Chain Cleaning and Lubrication

WARNING Never clean or lubricate the drive chain while the motorcycle is running.

1. If the drive chain becomes extremely dirty, it should be lubricated properly.
2. Elevate the rear wheel by using a rear paddock stand.
3. Apply the recommended chain cleaner thoroughly on the drive chain while rotating the rear wheel.
4. Wait for approximately 10 minutes and let all the dirt come out of the chain.
5. Apply the recommended chain lubricant thoroughly on the drive chain while rotating the rear wheel by hand only.
6. Wait for approximately 10 minutes and let the chain soak the lubricant.

NOTE Ensure that the cleaner & lubricant used is the one recommended for use on an X-ring chain, otherwise X-ring may deteriorate, fail, and lose their sealing properties.

7. Lubrication and adjustment: At every 500 km or sooner if the chain appears dry during long term parking.



CAUTION :

- High pressure washers, certain solvents and steam cleaning can damage the drive chain X-rings.
- To prevent the possibility of your finger being trapped between the chain and sprocket while lubricating and cleaning hold the rear wheel with one hand.
- The drive chain is fitted with X-rings between the link plates. These X-rings retain grease inside the chain to improve its service life.
- However, special precautions must be taken when adjusting, lubricating, washing, and replacing the chain.
- Regular adjustment and lubrication as per the maintenance schedule would ensure high performance and longer life.

Transportation Guidelines

1. Secure the motorcycle properly to avoid any physical damage.
2. Keep software and firmware up to date via the Ultraviolette App.
3. Clean and lubricate the drive chain before transport.
4. Remove the 5A and 15A in-line fuses of the motorcycle.
5. Ensure the motorcycle is not strapped on the side stand as it can cause damage to the frame and side stand.

Storage Guidelines

For optimal performance, consistent use of the motorcycle is recommended. If prolonged storage is unavoidable, follow these guidelines.

1. Store indoors in a cool, dry location away from direct sunlight.
2. Switch on the motorcycle for a minimum of 30 minutes every 10 days to charge the auxiliary battery.
3. Activate Deep Sleep Mode if the motorcycle will not be used for more than 10 days. [“Deep Sleep” on page 41](#)
4. Maintain a minimum 50%-60% State of Charge (SoC) if storing for more than 30 days.
5. Inflate tyres to the correct pressure and move the motorcycle periodically to prevent flat spots.

NOTE Failure to follow these storage guidelines may affect the motorcycle’s performance and warranty coverage.

CAUTION **DO NOT** leave the charger plugged in to the motorcycle during long term parking as it can affect charger and battery pack health.

Emergencies

In the event of an accident, please inspect your motorcycle for visual and structural damage to all components and visible wiring connections. If you find any damage visually or while handling/driving the motorcycle, avoid riding to prevent further risk to the motorcycle and contact Ultraviolette support.

Troubleshooting

Refer to the table for basic troubleshooting. If you face any trouble with your motorcycle, please contact Ultraviolette Support. You are strongly advised not to attempt to repair or service your motorcycle on your own. You may need to bring your motorcycle to a Ultraviolette Authorised service center.

Sl. No	Description	Probable Causes	Troubleshooting
1	Motorcycle not Turning ON	1. Fuse Failure 2. Auxiliary battery discharged	1. Check the 5 Amps fuse below the pillion seat if blown out replace with the spare fuse given. See Fuse Replacement 2. If the motorcycle is stored for long time the aux battery might get discharged. Check the voltage of the aux battery present below the rider seat. (The voltage should be 12.6V when the key is on OFF condition and 14.2V when the key is in ON condition.) 3. If the voltage is below 10V aux battery might need to be replaced. 4. If the voltage registers below 12.6V but remains above 10.5V - 11V, you can utilize the motorcycle charger by simply plugging it in, allowing it to charge for 1-2 hours, and then attempting to start the motorcycle. 5. If the motorcycle doesn't start even after charging, please contact Ultraviolette support for further assistance.
2	Motorcycle not Arming	1. Throttle applied while arming the motorcycle 2. Brake switch failure	1. Release the throttle and try arming the motorcycle. 2. Check if the brake light is glowing, alternatively with both brakes. 3. If the motorcycle doesn't start even after charging, please contact Ultraviolette support for further assistance.

3	Motor Deration See Motor Health Indication	Motor temperature will be more than 120 Deg.	1. If rode for long time in ballistic mode at motorcycle's peak limit it will need some time to cool down .Park the motorcycle aside for 15-20 mins. 2. If it still occurs contact Ultraviolette support for inspection.
4	High Temperature Warning on display See Home Screen	Battery temp. rising above permissible limit	1. Contact Ultraviolette support.
5	Motorcycle not charging	1. Charger not plugged in the charging socket correctly. 2. Loose connection in power supply 3. Loose connection in PRCD plug	1. Check if the Charger Plug is locked on the charging socket. 2. Check the voltage supply of the plug point/ Check with different power supply. 3. Refer Charging guidelines for further reference. 4. If the issue persist contact Ultraviolette support for check-up.
6	Chain Noise	1. Chain Loose 2. Chain dry	1. Adjust the chain slack (40 mm) See Slack Adjustment 2. Clean the chain and lube every 500kms or 15 days.
7	Brake Noise	1. Brake pad worn out. 2. Dust between brake pads	1. Inspect the brake pads visually.(If brake pads worn out get it replaced) 2. Clean the calliper by pressure wash.
8	Rear view mirror low visibility	Rear view mirror not adjusted properly	1. If the images in your rear-view mirror appear distorted or unclear, you may want to adjust the mirror settings for better visibility and clarity. This can be done with the help of the tool kit provided. See. Mirror Adjustment
9	Visibility of headlight	1. Headlight height low or high. 2. Low/high tyre pressure.	1. Adjust the tyre pressure for 30-32 PSI for front and rear respectively. 2. Adjust the headlight as per the requirement (Refer DIY Video)
10	Handlebar pulling toward one side	1. Low tyre pressure. 2. Uneven preload fork setting.	1. Check and adjust the tyre pressure for 30-32 PSI for front and rear respectively. 2. Set equal preload on both the forks. See Preload Adjustment



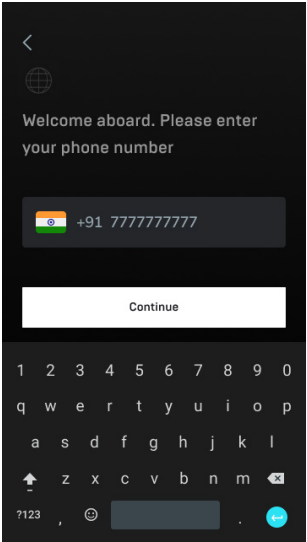
MOBILE APP

- + Setting Up
- + Home Screen
- + Diagnostics Section
- + Controls Section
- + Statistics Section

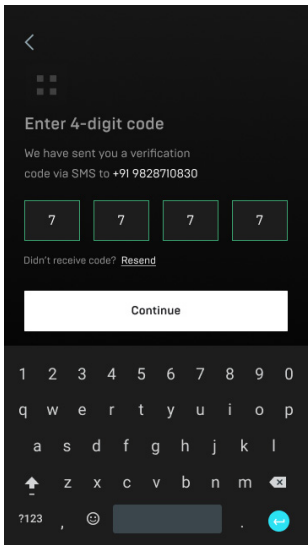
Setting Up



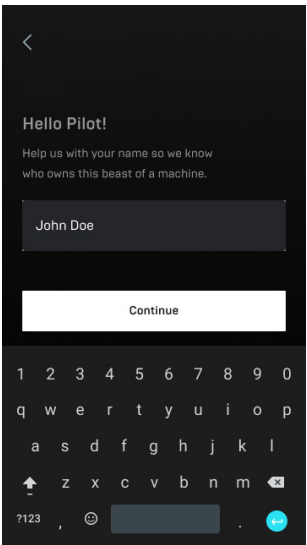
1. Get Started.



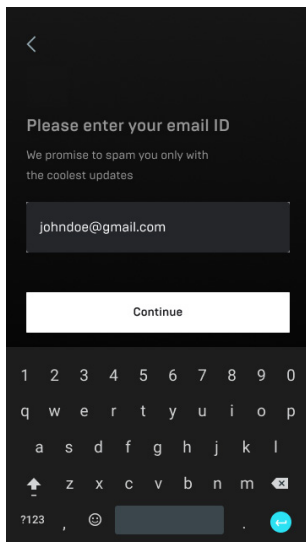
2. Setup using your registered Phone No.



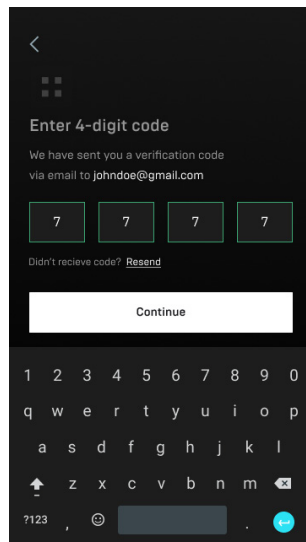
3. Enter OTP.



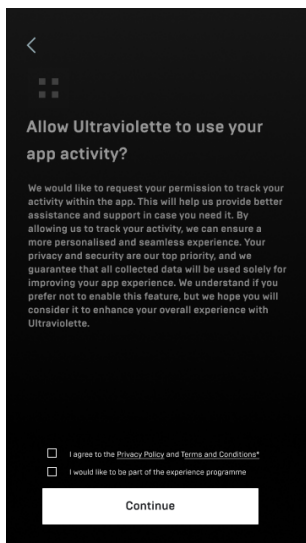
4. Enter Your Name.



5. Enter your Email ID



6. Enter the OTP sent to your email.



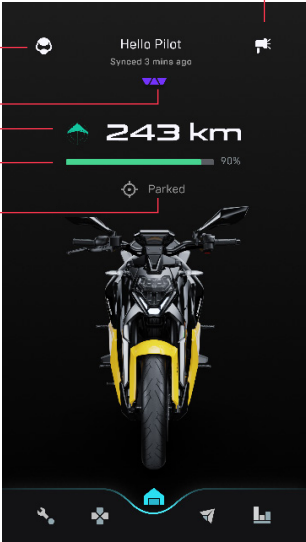
7. Review & Accept the Terms.



8. Swipe Up to Complete.

Home Screen

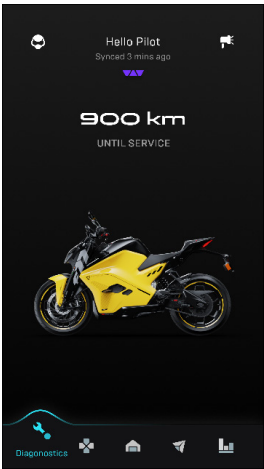
- Assist Section
(For user manual, RSA, contact us, feedback sections)
- Settings Section
(For the profile and motorcycle info section)
- Violette
- Ride Mode
- Battery SoC & Range
- Motorcycle Status
Parked/in-flight



1. Home.



2. Controls.



3. Diagnostics.

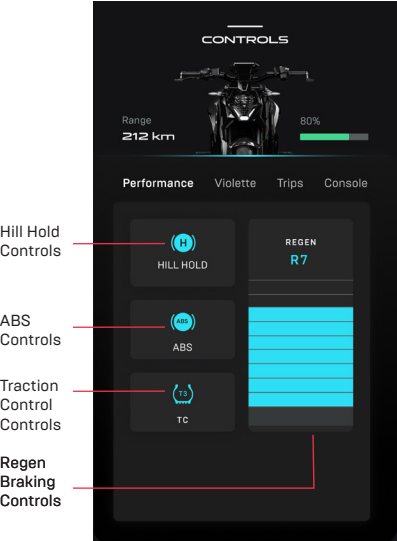


4. Find My F77

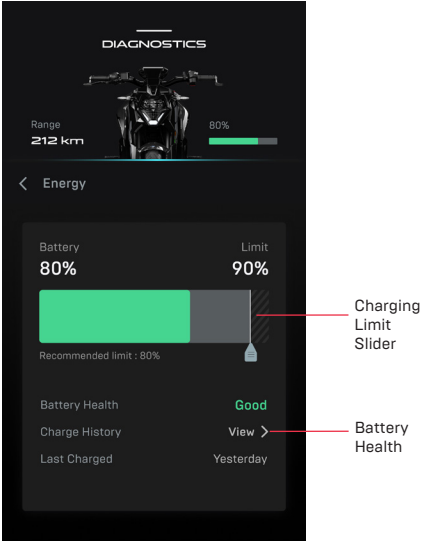


5. Statistics.

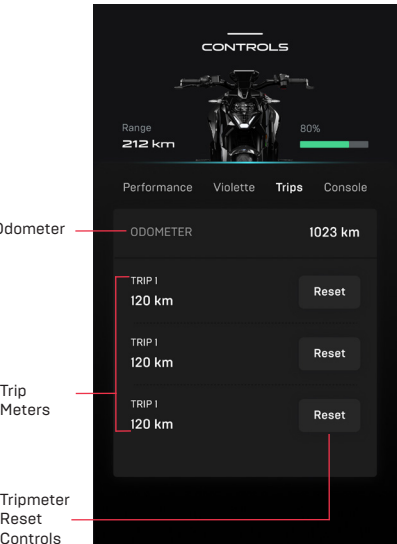
Controls Section



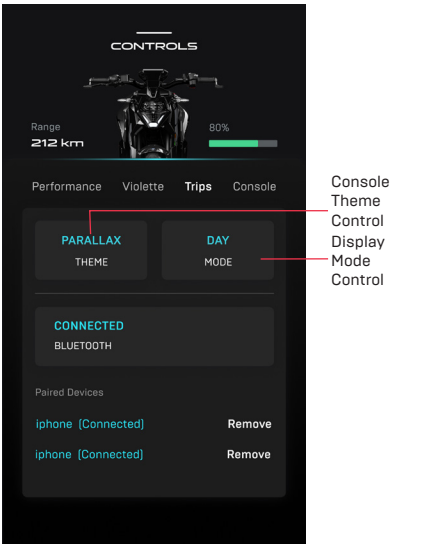
1. Performance.



2. Energy.

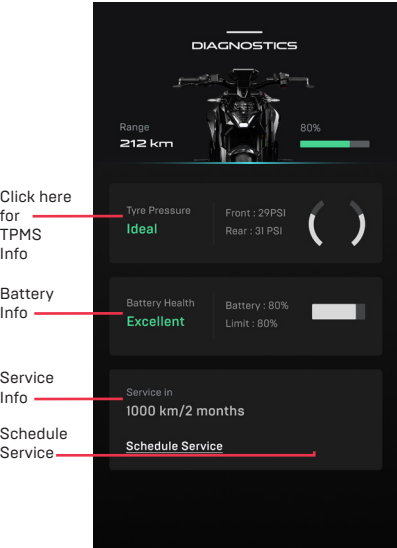


3. Trips.

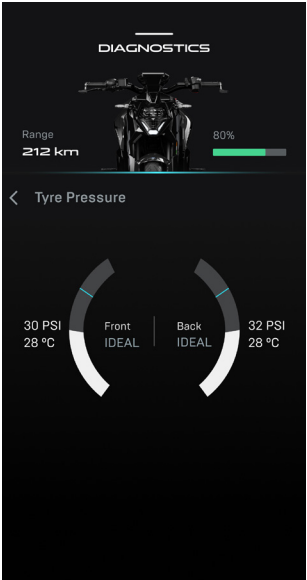


4. Console.

Diagnostics Section



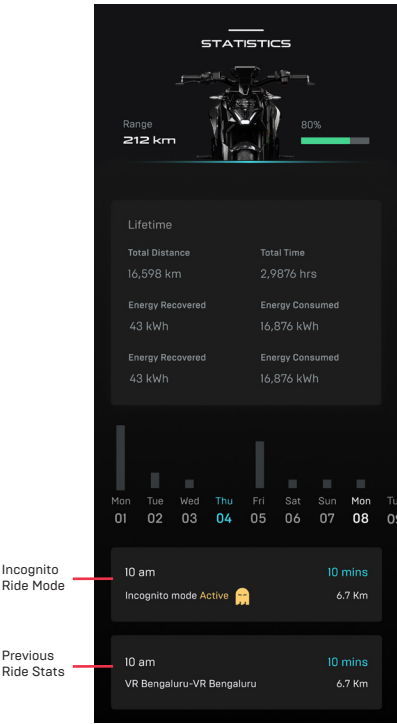
1. Diagnostics dashboard.



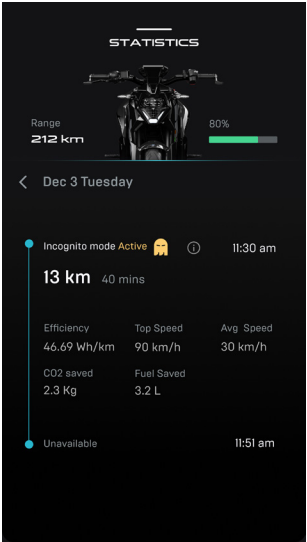
2. TPMS Info.

** TPMS features are available only when bought as an accessory from Ultraviolette.

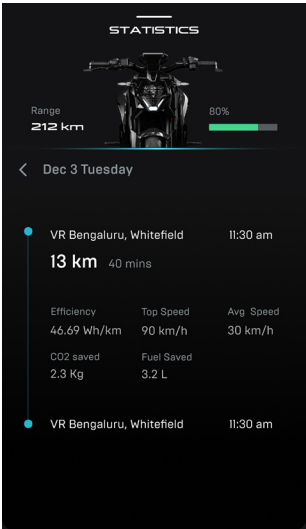
Statistics Section



1. Statistics Home Screen.

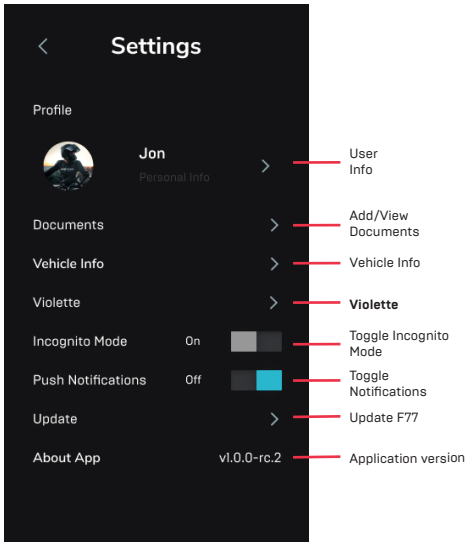


2. Incognito Ride Details.

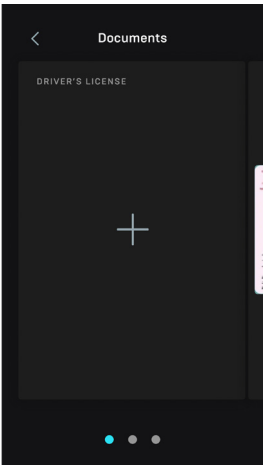


3. Previous Ride Details.

Settings Section

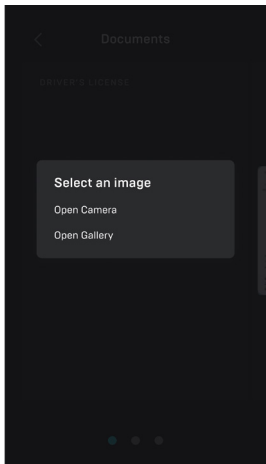


Settings Section.

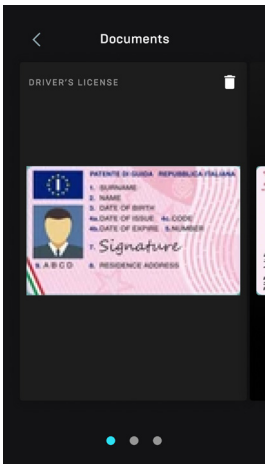


1. Choose document to upload, tap '+'.

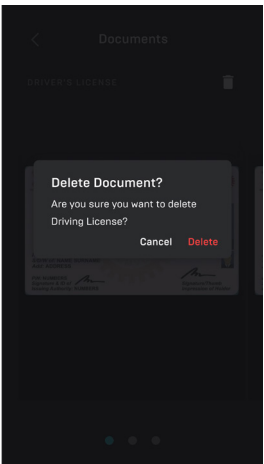
Settings > Documents



2. Take picture or upload from gallery.

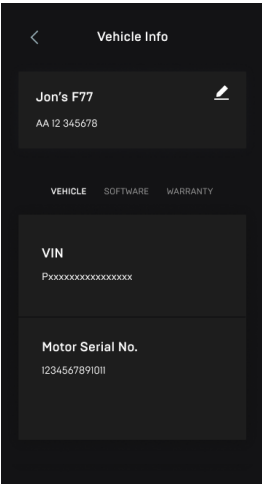


3. Swipe to view or delete document.

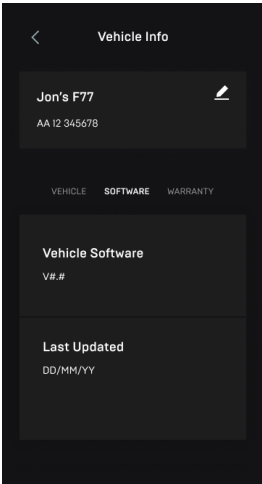


4. Confirm to delete.

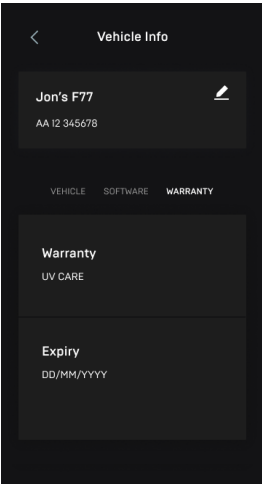
Settings > **Vehicle Info**



1. Vehicle Identification.



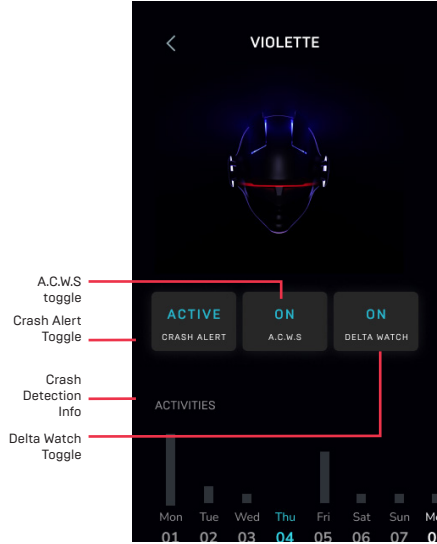
2. Vehicle Software Info.



3. Vehicle Warranty Info.

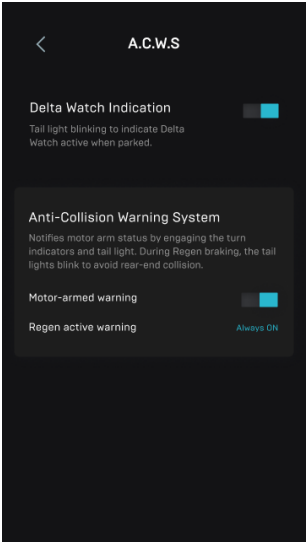
Settings Section

Settings > **Violette**



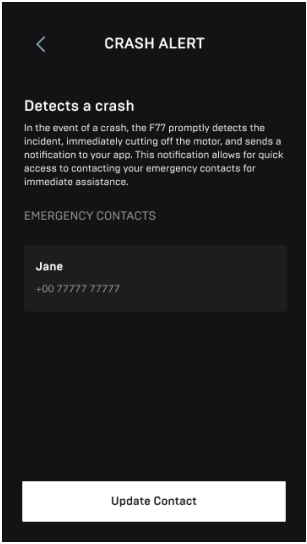
Violette Home Page

Violette > **Beacon** (A.C.W.S)



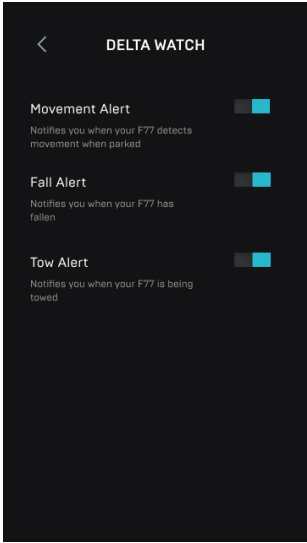
2. A.C.W.S Toggles.

Violette > **Crash Alert**



1. Emergency contact in crash detection.

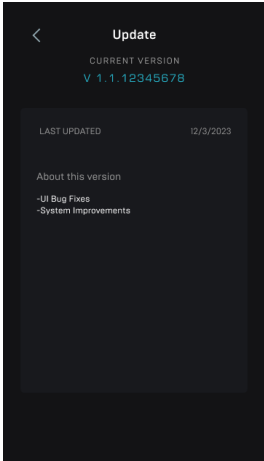
Violette > **Delta Watch**



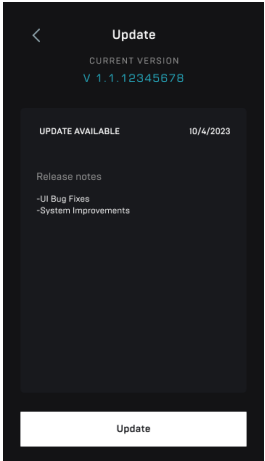
3. Delta Watch Toggles.

Settings Section

Settings > Update



1. Up-to-date.

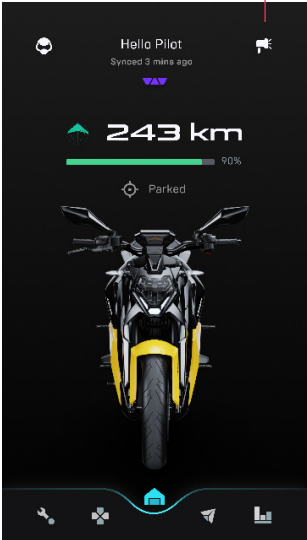


2. Update if available.

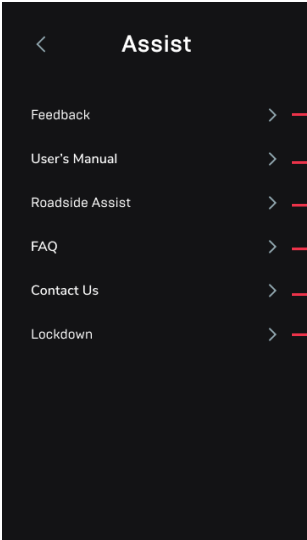
NOTE Do not restart the motorcycle or unplug the charger until update is complete.

Assist Section

Assist Section
(For user manual, RSA,
contact us, feedback
sections)



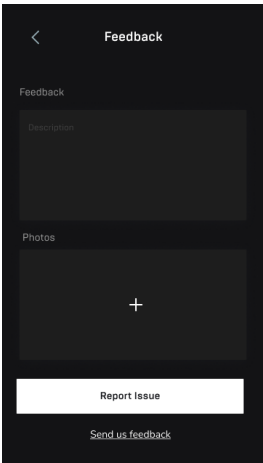
Home Screen



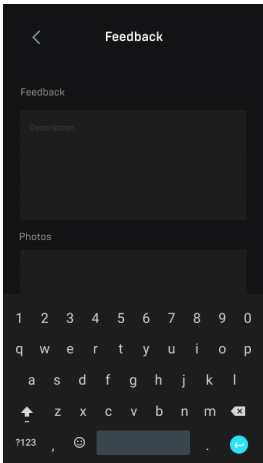
Assist Side Menu

- User Feedback
- User Manual
- Contact Roadside Assistance
- Frequently Asked Questions
- Contact Us
- Lockdown Mode

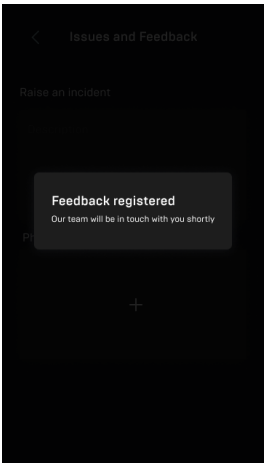
Assist > Feedback



1. Report issue.



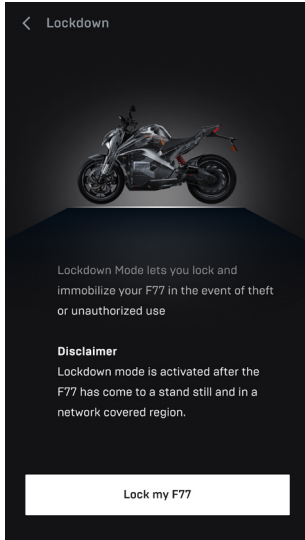
2. Enter feedback.



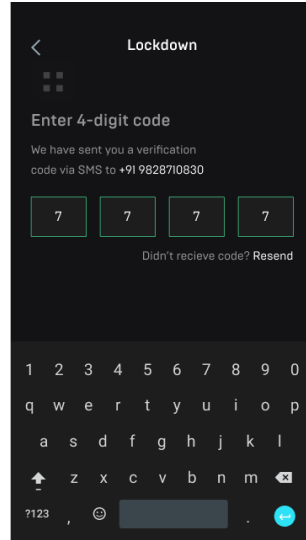
3. Feedback registered.

Assist Section

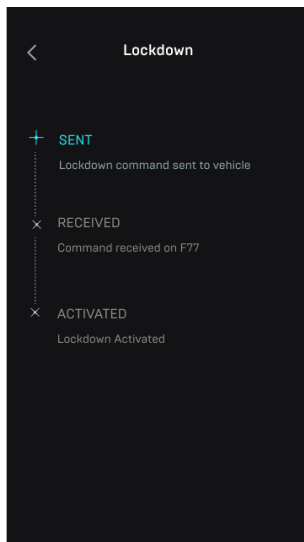
Assist > Lockdown



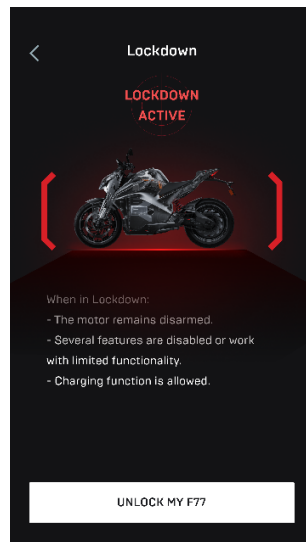
1. Initiate Lockdown.



2. Enter 4- digit code to verify.



3. Lockdown activated.

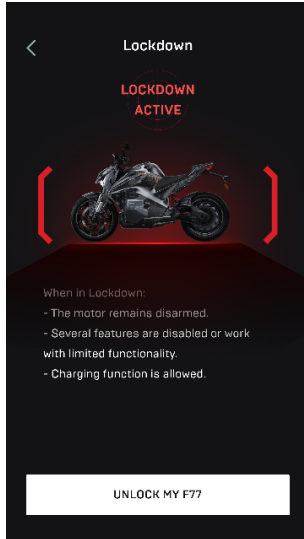


4. F77 Lockdown complete.

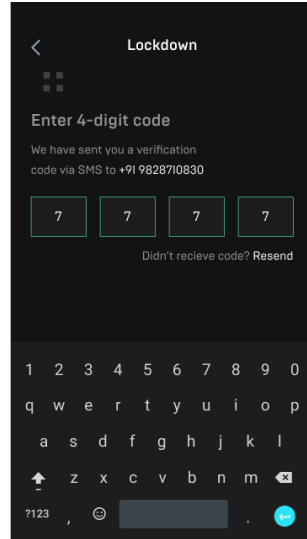
DISCLAIMER Lockdown mode is activated after the F77 has come to a stand still and in a network covered region.and immobilize your F77 in the event of theft or unauthorized use.

Assist Section

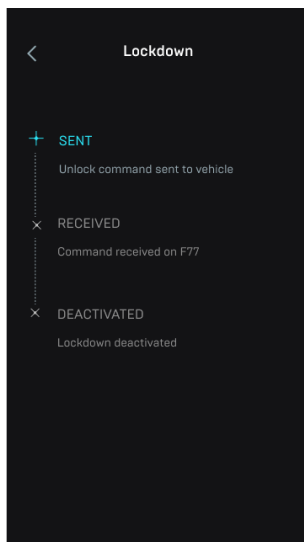
Assist > Lockdown



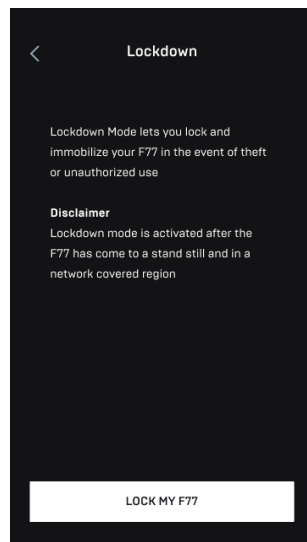
1. Initiate Unlock.



2. Enter 4- digit code to verify.



3. Unlock activated.



4. F77 Unlock complete.



SUPPORT

+ Customer Support and Contact Information

+ Warranty Information

Customer Support and Contact Information

For assistance with your motorcycle or inquiries about Ultraviolette products, please contact us at **support@ultraviolette.com**. Our dedicated team will respond as promptly as possible, but please allow for a reasonable timeframe due to varying volumes of inquiries.

For any clarifications or assistance, please contact Ultraviolette support with your motorcycle's details, including the vehicle owner contact details, VIN, date of purchase, and the Authorized Dealer's name and location.

NOTE

For immediate answers to common questions, visit our FAQ section on our website <https://www.ultraviolette.com/faq>

Warranty Policy*

The warranty applies to all the Motorcycles manufactured by Ultraviolette Automotive Pvt Ltd. It is provided at no cost during the warranty period. The Warranty Period shall commence from the date of invoice of the Motorcycle to the Owner/User, subject to the registration of the Motorcycle by the Owner/User with the Dealer within a period of thirty (30) days from the date of the invoice.

Ultraviolette warrants that motorcycles are free from defects in material and workmanship during the warranty coverage period, provided that the motorcycles are stored, used and maintained in accordance with the USER MANUAL.

The warranty covers the following components

- The SRB 7 and SRB 10 battery Packs, Motor and Controller are covered under warranty for 5 year/ 100,000 Kms, earlier of either.
- The lighting system, Meter Console, Motorcycle Control Unit, Wiring Harness, Charger are covered under warranty for 3 years/ 30,000 Kms earlier of either.
- The auxiliary battery and tyres installed on the Motorcycle are warranted separately by their respective manufacturers.

Exclusions from Warranty

The Warranty shall not apply to incidental and consequential defects or damage resulting from

- Misuse of the Motorcycle including usage beyond its specified capacity or recommended use in the User's Manual.
- Use of the Motorcycle in other than the normal and customary manner in non-compliance with the User's Manual.
- Use of improper or insufficient fuel, fluids, or lubricants.
- Damage caused due to accident or neglect or theft or fire.
- Improper testing, operation, maintenance, service, installation, collision or storage.
- Exposure to elements or chemicals outside the ordinary course.
- Act of God, Natural Calamities and disasters including but not limiting to floods, storms and cyclones, earthquakes, landslides, lightning strike etc.
- Ordinary wear and tear of the Motorcycle, its components, or parts.
- Non-replacement or adjustment of service items like suspension, chain, brake components, wheel alignment, fluids, lubrication etc. as set out in the Maintenance section of the User's Manual.

- Slight irregularities not recognized as affecting the quality or function of the Motorcycle, such as slight noise or vibration.
- Any issues faced due to pollutants, bird droppings, tree sap.
- Gaps between panels that are within the limits set by the Company; and/ or external aesthetic defects such as fading, denting or peeling of paint, chrome, and trim.

In the event of there being a defect in the Motorcycle which is covered by this Warranty, Ultraviolette's sole obligation and the Dealer's sole remedy shall be, at the Ultraviolette's discretion, to either repair or replace the defective component subject to the limitations and exclusions set out in Warranty Policy. The warranty coverage shall extend to the replaced or the repaired part for the remainder of the original Warranty Period.

Ultraviolette and Ultraviolette's Dealers shall not be liable for any consequential losses or damage arising from the use or inability to use the Motorcycles. The Warranty shall not cover the parts and labor involved in the periodic maintenance / replacement of parts due to wear and tear, use or deterioration. In case of any defect in materials and workmanship, Ultraviolette's and Ultraviolette Dealer's obligation under this Policy, shall cease upon the expiration of the Warranty Period.

Ultraviolette and Ultraviolette Dealers will not be held liable for any personal injuries or damage of any type to the rider and any other person due to the failure of any part of the vehicle. Ultraviolette and Ultraviolette Dealer's will not be liable for any incident of fire to the vehicle due to tampering with the vehicle wiring, faulty house wiring, charging in an unventilated area, or charging with inflammable objects in the vicinity.

The Warranty shall be void if

- If the recommended Periodic Maintenance Schedule is not adhered to at Ultraviolette authorized service centers.
- The Motorcycle is repaired or disassembled by unauthorized persons or workshops.
- Any component of the Motorcycle is altered, seals are tampered with, unsuitable lubricants are used, or non-genuine spare parts are fitted.
- The Motorcycle's identification plate[s] or serial number is altered or removed.
- Damage is caused by corrosive substances, vibrations exceeding allowable limits, or environmental conditions.
- Any modification or alteration of the Motorcycle is undertaken by the Dealer and/or the Owner/User.
- The Motorcycle is used for commercial purposes, including rentals or racing

or competitive events (competitive events are formal or informal time trials, competition with another Motorcycle, or any abnormal application of stress to the Motorcycle or the components thereof.

Ownership transfer

If the motorcycle is sold to a subsequent owner, the original owner should submit a warranty transfer request either electronically or in writing. This must be performed to allow Ultraviolette's and Ultraviolette Dealer's the ability to contact the new owner for future updates and in the unlikely event of a safety related issue.

Intellectual Property Rights: All designs, trademarks, and patents associated with the motorcycle are the property of Ultraviolette and are protected by intellectual property laws. Unauthorized use or infringement of these rights is strictly prohibited.

Governing Law: This manual and the warranty terms contained herein are governed by the laws of the jurisdiction where Ultraviolette is headquartered, unless otherwise specified.

Legal Contact: For any legal queries or concerns regarding the warranty or motorcycle, please contact Ultraviolette's legal department at legal@ultraviolette.com.

NOTE : Ultraviolette Automotive Private Limited reserves the right to change and withdraw any clause of Warranty policy without prior information or notification.

*For detailed terms and conditions related to Warranty, please refer

www.ultraviolette.com/legal

Ultraviolette Support

www.ultraviolette.com/support



Glossary

Here is a list of abbreviations used in this manual with their expansions

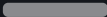
- ABS	Anti-Lock Braking System
- AC	Alternating Current
- ACWS	Anti Collision Warning System
- ALS	Ambient Light Sensor
- AI	Artificial Intelligence
- BMS	Battery Management System
- DC	Direct Current
- DOT	Department of Transportation
- DRL	Daytime Running Lamp
- ECE	Economic Commission for Europe
- GPS	Global Positioning System
- GLONASS	Global Navigation Satellite System
- ICE	Internal Combustion Engine
- IEC	International Electrotechnical Commission
- IP	Ingress Protection
- LTE	Long Term Evolution
- LH	Left Hand Side (Perspective of Rider seated on Motorcycle)
- OBD	On-Board Diagnostics
- OTA	Over-The-Air
- PRCD	Portable Residual Current Device
- RH	Right Hand Side (Perspective of Rider seated on Motorcycle)
- SoC	State of Charge
- TC	Traction Control
- TWI	Tyre Wear Indicator
- UV	Ultraviolette
- UVSST	Ultraviolette Special Service Tool
- VIN	Vehicle Identification Number
- WMTC	World Motorcycle Test Cycle
- SAE	Society of Automotive Engineers
- USD	Up-Side-Down

Units

- A	Ampere
- kWh	Kilo-Watt-Hour
- Km	Kilometre
- Km/h	Kilometre per Hour
- mm	Millimetre
- Nm	Newton Metre
- PSI	Pound per Square Inch
- V	Volt

Motorcycle State

- Armed	Motor is Turned ON/Engaged
- Disarmed	Motor is Turned OFF/Disengaged

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ULTRAVIOLETTE // DESIGNED & MADE IN INDIA
AUTOMOTIVE  ULTRAVIOLETTE.COM



12°57'14.3"N  77°38'27.2"E