PREFACE

Thank you for selecting a Hero MotoCorp **Xoom 125R Xtec.** We wish you many miles of continued riding pleasure in the years ahead.

We at Hero MotoCorp, are committed to demonstrate excellence in our environment performance on a continual basis, as an intrinsic element of our corporate philosophy. To achieve this we commit ourselves to continue product innovations to improve environment compatibility, comply with all applicable legislation including environment legislation and strengthen the green supply chain.

This booklet is your guide to the basic operation and maintenance of your new Hero MotoCorp **Xoom 125R Xtec.** Please take time to read it carefully. As with any fine machine, proper care and maintenance are essential for trouble-free operation and optimum performance.

Your Authorised Hero MotoCorp dealer will be glad to provide further information or assistance and is equipped to handle your future service needs.

Let us make this world a safer, healthier and more environment friendly place.

NOTE

ALL INFORMATION, ILLUSTRATION, PHOTOGRAPH, DIRECTIONS, SPECIFICATIONS AND OTHER CONTENTS COVERED IN THIS OWNER'S 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.

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CONTENTS

	Pg. No.
VEHICLE IDENTIFICATION	1
VEHICLE SPECIFICATION	2
VEHICLE SAFETY	5
• Important safety information	5
• Protective apparel	6
• Load limits and guidelines	8
• Accessories and modifications	9
SAFE RIDING TIPS	10
TIPS FOR HEALTHY ENVIRONMENT	11
VEHICLE VIEWS	12
PART FUNCTIONS	17
• Instruments and indicators	17
• LCD panel	20
• Low fuel indicator	25
MAJOR COMPONENTS	25
• Brakes (Integrated braking)	25
• Rear brake	29
• Fuel	30
• Tyres (Tubeless)	32
ESSENTIAL INDIVIDUAL COMPONENTS	35
• Ignition switch	35
HANDLEBAR SWITCHES CONTROL	36
FEATURES	37
• i3s (Idle stop start system)	37
• Eco mode	39
• Hero App	40
• Steering lock	49
• Fuel filler cap/lock/Seat lock	49
• Helmet holder/Center compartment	50
• Document compartment Tool kit holder	51
• Boot lamp/Boot lamp switch	51
• USB charger	52
• Luggage hook/Inner rack or Front box	53
• Side stand indicator	54
• Side stand switch/Side stand	54
• Pillion footrest	55
• BODY PARTS REMOVAL	56
• Center compartment	56
• Center cover/Body cover	57
• Rear view mirror	58
• Front handlebar cover	59
• Headlamp focus adjustment	59
PRE-RIDE INSPECTION	60
ANTI-THEFT TIPS	61
STARTING THE ENGINE	61
RUNNING IN/RIDING	63
PARKING/TOOL KIT	68
CLEANING OF VEHICLE/WASHING OF VEHICLE	69
MAINTENANCE	71
SAFETY PRECAUTIONS	72
MAINTENANCE SCHEDULE	73
AIR CLEANER ELEMENT	76
AIR CLEANER DRAIN TUBE CLEANING	78
THROTTLE OPERATION	78
ENGINE OIL	79
FINAL DRIVE OIL REPLACEMENT	81
SPARK PLUG	82
BRAKE SHOE WEAR	83
BATTERY	84
FUSE REPLACEMENT	86
SUSPENSION	87
BULB REPLACEMENT	87
CATALYTIC CONVERTER	88
EVAPORATIVE EMISSION CONTROL SYSTEM	89
POLISHING OF VEHICLE	89
REMOVING ROAD SALT	89
STORAGE GUIDE	89
BASIC TROUBLESHOOTING	91
NAVIGATION SIGNS	96
DELIVERY CERTIFICATE	
HERO GENUINE PARTS	
JOB APPLICABLE TO PERIODIC SERVICES	
SERVICE RECORD SHEET	
SERVICE ADVICE SHEET	
OWNERSHIP RECORD AND DATA	

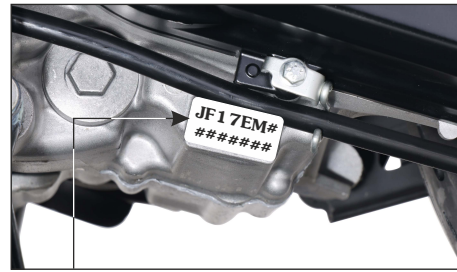

Hero
WeCare

VEHICLE IDENTIFICATION



Vehicle Identification Number (VIN)

Location: Stamped on the lower right side of the frame, visible from the window provided on right floor side cover.



Engine No.

Location: Stamped on the lower side of the left crankcase.

VIN: MBLJFW51#########

MBL	JFW51	#	#	#	#	#####
Manufacturer code	Vehicle Description	Check Digit	Model Year	Plant Code	Month of Manufacturing	Production Serial Number

Engine No.: JF17EM########

JF17EM	#	#	#	#####
Engine Description	Year of Manufacturing	Assembly Plant	Month of Manufacturing	Serial Number

Model: XOOM XTEC 125

Variants	VIN	Engine
Disc/Cast wheel/Integrated brake	JFW51	JF17EM
Drum/Cast wheel/Integrated brake	JFW50	JF17EM

VIN and Engine No. may be required:

1. During registration of the vehicle.
2. For dealing with legal & insurance departments.

VEHICLE SPECIFICATION

ITEM		SPECIFICATIONS
Dimensions		
Overall length		1978 mm
Overall width	Disc variant	749 mm
	Drum variant	739 mm
Overall height		1131 mm
Wheelbase		1327 mm
Saddle height		777 mm
Ground clearance		164 mm
Weight		
Kerb weight	Disc variant	121 kg
	Drum variant	120 kg
Hydraulic brake fluid		DoT 3 or DoT 4
Payload		130 kg
Capacities		
Engine oil		0.80 litre at disassembly and 0.70 litre at draining
Transmission oil		0.12 litre at disassembly
		0.10 litre at draining
Fuel tank		5.0 litres
Engine		
Maximum power		7.3 kW @ 7250 r/min
Maximum torque		10.4 N-m @ 6000 r/min
Bore and stroke		52.4x57.8 mm
Compression ratio		10±0.2:1
Displacement		124.6 cc
Spark plug		Champion-RG8YC (Federal Mogul)
Spark plug gap		0.8-0.9 mm
Valve clearance	Intake (cold)	0.14 mm
	Exhaust (cold)	0.14 mm
Idle speed		1500±100 r/min

VEHICLE SPECIFICATION

ITEM		SPECIFICATIONS
Chassis and suspension		
Chassis type		High rigidity under bone type
Front suspension		Telescopic, hydraulic shock absorber
Rear suspension		Unit swing with spring loaded hydraulic damper
Caster angle		25°
Tyre size	Front	110/80-14 53 P (Tubeless tyre)
	Rear	120/70-14 55 P (Tubeless tyre)
Brakes	Front (Disc variant)	Dia 220 mm
	Front (Drum variant)	Internal expanding shoe type (Dia. 130 mm)
	Rear (Drum variant)	Internal expanding shoe type (Dia. 130 mm)
Transmission		
Primary reduction		Variomatic drive, (2.650-0.77)
Final reduction		10.11 (51/19X49/13)
Clutch system		Dry, automatic centrifugal clutch
Electricals		
Battery		12V-4Ah/ETZ-5 *MF battery
Alternator		125 W @ 5000 r/min
Starting system		Kick/Electric start
Headlamp (High/Low)		13.6W/6.8W
Tail/Stop lamp		0.2W/1.36Wx2
Turn signal lamp	Disc variant	Sequential- 0.75W per winker
	Drum variant	Non Sequential- 0.75W per winker
Position lamp		2.5W
Boot lamp		12V-435mW (LED)

* **MF stands for Maintenance Free**

VEHICLE SPECIFICATION

ITEM		SPECIFICATIONS
LCD illumination		LED (White)
Turn signal indicator (RH+LH)		LED (Green)
Hi beam indicator		LED (Blue)
Licence plate lamp		3W
Side stand indicator		LED (Red)
Programmed-Fi Malfunction indicator lamp (MIL)		LED (Amber)
i3s indicator		LED (Blue)
Low fuel indicator		LED (Amber)
Fuse	Main fuses	15A, 10A, 10A and 10A
	Spare fuses	15A and 10A

VEHICLE SAFETY
IMPORTANT SAFETY INFORMATION

Your vehicle can provide many years of service and pleasure if you take responsibility for your own safety and understand the challenges you can meet on the road.

There is much that you can do to protect yourself when you ride. You will find many helpful recommendations through out this manual. Following are a few that we consider most important.

Always wear a helmet

It is a proven fact, helmet significantly reduces the number and severity of head injuries. So always wear a helmet and make sure your pillion rider does the same. We also recommend that you wear eye protection, sturdy boots, gloves and other protective gear **(page 7)**.

Before riding your vehicle

Make sure that you are physically fit, mentally focused and free of alcohol and drugs. Check that you and your pillion are both wearing an approved vehicle helmet and protective apparel. Instruct your pillion on holding onto the grab rail or your waist, leaning with you in turns, and keeping their feet on the footrest even when the vehicle is stopped.

Take time to learn & practice your vehicle

Even if you have ridden other vehicles, practice riding in a safe area to become familiar with how this vehicle works and handles, and to become accustomed to the vehicle's size and weight.

Hero RideSafe

Ride defensively

Always pay due attention to other vehicles around you, and do not assume that other drivers see you. Be prepared to stop quickly or perform an evasive maneuver.

Make yourself easily visible

Some drivers do not see vehicles because they are not looking for them. To make yourself more visible, wear bright reflective clothing, position yourself so that others can see you, signal before turning or changing lanes, and use horn which will help others to notice you.

Ride within your limits

Pushing the limits is another major cause of vehicle accidents. Never ride beyond your personal abilities or faster than conditions demand. Remember that fatigue and negligence can significantly reduce your ability to make good judgements and ride safely.

Do not drink and ride

Riding under the influence of alcohol or drugs is dangerous. Alcohol can reduce your ability to respond to changing conditions and reduce the reaction time. Do not drink and ride.

Keep your vehicle in safe condition

For safe riding, its important to inspect your vehicle before every ride and perform all recommended maintenance. Never exceed load limits, and use accessories that have been recommended by Hero MotoCorp for this vehicle. See **(page 8)** for more details.

If you are involved in a crash

Personal safety is your first priority. If you or anyone else has been injured, take time to assess the severity of the injuries and whether it is safe to continue riding. Call for emergency assistance if needed. Also follow applicable laws and regulations if another person or vehicle is involved in the crash.

If you decide to continue riding, first evaluate the condition of your vehicle. If the engine is still running, turn it off. Inspect for fluid leaks, check the tightness of critical nuts and bolts, and check the handlebar, brake levers, brakes, and wheels. Ride slowly and cautiously. Your vehicle may have suffered damage that is not immediately apparent. Have your vehicle thoroughly checked at a qualified service facility as soon as possible.

PROTECTIVE APPAREL

For your safety, we strongly recommend that you always wear a helmet which should conform as per your country standards, in addition to eye protection, boots, gloves, long pants and a long sleeve shirt or jacket whenever your ride. Take care of loose/hangin clothes while solo/pillion riding. Although complete protection is not possible wearing proper gear can reduce the chance of injury when you ride.

Following are suggestions to help choose proper riding gear.

⚠ WARNING

- ***Not wearing a helmet increases the chance of serious injury or death in a crash.***
- ***Be sure you and your pillion always wear a helmet, eye protection and other protective apparel when you ride.***

Helmets and eye protection

Your helmet is your most important piece of riding gear because it offers the best protection against head injuries. A helmet should fit your head comfortably and securely. A bright coloured helmet can make you more noticeable in traffic, as can reflective strips.

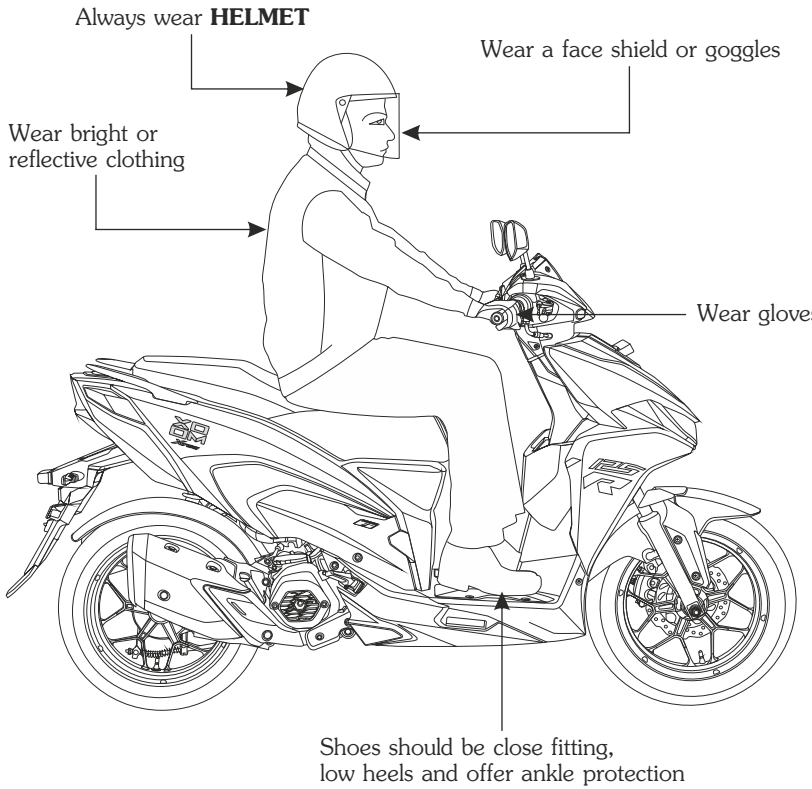
An open-face helmet offers some protection, but a full-face helmet offers more. Always wear face shield or goggles to protect your eyes and help your vision.

Additional riding gear

In addition to a helmet and eye protection, we also recommend:

- Sturdy boots with non-slip soles to help protect your feet and ankles.
- Leather gloves to keep your hands warm and help prevent blisters, cuts, burns, and bruises.
- A two wheeler riding suit or jacket for comfort as well as protection. Bright coloured reflective clothing can help make you more noticeable in traffic. Be sure to avoid loose clothes that could get caught on any part of your vehicle.

PROTECTIVE APPAREL



LOAD LIMITS AND GUIDELINES

Your vehicle has been designed to carry you, one pillion and limited amount of cargo. When you add cargo or carry a passenger, you may feel some difference during acceleration and braking. But so long as you keep your vehicle well maintained, with good tyres and brakes, you can safely carry loads within the limits and guidelines.

However exceeding the weight limit or carrying an unbalanced load can seriously affect your vehicle's handling, braking and stability. Non Hero MotoCorp accessories, modifications, and poor maintenance can reduce your safety margin.

The following pages give more specific information on loading, accessories and modifications.

Loading

How much weight you put on your vehicle, and how you load it, are important to your safety. Anytime you ride with a pillion or cargo you should be aware of the following information.

⚠ WARNING

- ***Overloading or improper loading can cause a crash and you can be seriously injured.***
- ***Follow all load limits and other loading guidelines in this manual.***

Load limits

Following are the load limits for your vehicle:

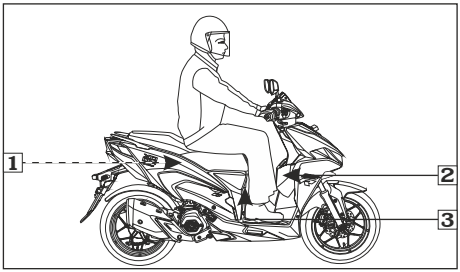
Maximum weight capacity: 130 Kg

Includes the weight of the rider, pillion, all cargo and all accessories.

Putting too much weight in individual storage compartments can also affect stability and handling. So be sure to stay within the limits given below:

Maximum weight:

Center compartment	: 10 kg
Inner rack or Front box	: 1.5 kg
Rear luggage hook	: 1.5 kg



(1) Center compartment (inside)
(2) Inner rack or front box
(3) Rear luggage hook

Loading guidelines

Your vehicle is primarily intended for transporting you and a pillion. If you wish to carry more cargo, check with your Authorised Distributor/Dealer for advice and be sure to read the information regarding accessories on **(page 9)**.Improperly loading your vehicle can affect its stability and handling. Even if your vehicle is properly loaded, you should ride at reduced speeds whenever carrying cargo.

Follow these guidelines whenever you carry a pillion or cargo:

- Check that both tyres are properly inflated.
- To prevent loose items from creating a hazard, make sure the center compartment is closed and that any other cargo is securely tied down before you ride away.
- Place cargo weight as close to the center of the vehicle as possible.
- Balance cargo weight evenly on both sides.

ACCESSORIES AND MODIFICATIONS

Modifying your vehicle or using non Hero MotoCorp accessories can make your vehicle unsafe. Before you consider making any modifications or adding any accessory, be sure to read the following information.

⚠ WARNING

- ***Improper accessories or modifications can cause a crash in which you can be seriously hurt or killed.***
- ***Follow all instructions in this owner's manual regarding accessories and modifications.***

Accessories

We strongly recommend that you use only genuine Hero MotoCorp accessories that have been specifically designed and tested for your vehicle. Hero MotoCorp cannot test all other accessories, you must be personally responsible for proper selection, installation and use of non Hero MotoCorp accessories.

Check with your dealer for assistance and always follow these guidelines:

- Make sure the accessories does not obstruct any lamps, reduce ground clearance and banking angle, limit suspension travel or steering travel, alter your riding position or interfere with operating any controls.
- Be sure electrical equipment does not exceed the vehicle's electrical system capacity **(page 3)**. A blown fuse can cause loss of lights.
- Do not pull a trailer or sidecar with your vehicle. This vehicle is not designed for these attachments, and their use can seriously impair your vehicle handling.

Modifications

We strongly advise you not to remove any original equipment or modify your vehicle in any way that would change its design or operation. Such changes could seriously impair your vehicle's handling, stability and braking, making it unsafe to ride.

Removing or modifying your lamps, muffler, emission control system or other equipment can also make your vehicle not meeting the emission standards.

Do's:

- Always conduct simple pre-ride inspection **(page 60)**.
- Always wear a helmet with chinstrap securely fastened and insist on a helmet for your pillion rider.
- While riding, keep your leg closed and sit in a comfortable position.
- Ride defensively and at a steady speed (between 40-50 km/hr).
- To stop the vehicle (in integrated brake system), press the integrated brake lever for the application of front and rear brakes simultaneously. However, for more effective braking, it is advised to apply both front and rear brake simultaneously, keeping the throttle in close position.
- During night time, dip headlamps of your vehicle for oncoming traffic, or when following another vehicle.
- Give way to others on the road and signal before you make a turn.
- To make yourself more visible, wear bright reflective clothing that fits well.
- Take care of loose/hanging clothes while solo/pillion riding.
- Get your vehicle serviced regularly by the Authorised Distributor/Dealer.
- Before riding make sure in which mode you are riding whether with i3s switch "ON" or "OFF".

Don'ts:

- Never use cell phone while riding the vehicle.
- Avoid sudden acceleration, braking and turning of your vehicle.
- Never touch any part of the hot exhaust system like muffler.
- Never ride under the influence of alcohol or drugs.
- Concentrate on the road and avoid talking to the pillion rider or others on the road.
- Do not litter the road.
- Do not cross the continuous white/yellow line in the center of the road, while overtaking.
- Do not attach large or heavy items to the handlebars.
- Never take your hands off the steering handle while riding.
- Do not move the side stand (optional) down while riding, as engine will get stop **(page 55)** (Wheel locking leading to accident, part damage etc.).
- Navigation system (Disc variant) assists you to reach your destination, don't be distracted while driving. Drive safely and always obey traffic rules.

TIPS FOR HEALTHY ENVIRONMENT

The following tips shall ensure a healthy vehicle, healthy environment, and a healthy you.

- **Healthy engine:** The engine is the lifeline of every vehicle. To keep it healthy, it should be tuned regularly, which will also help reduce pollution and improve vehicle performance & fuel efficiency.

- **Regular servicing:** Get your vehicle serviced at an Authorised Distributor/Dealer. as per the service schedule, for an optimum performance and keep the emission level under check.

- **Genuine spares:** Always insist on Hero MotoCorp genuine parts as spurious or incompatible spares and accessories can upset or deteriorate your vehicle's running condition.

- **Genuine engine oil:** Hero 4T Plus SAE 10W 30 SL grade (JASO MB) engine oil recommended by Hero MotoCorp and make sure you change it every 6000 km (with top up every 3000 km) to keep the engine fit and environment healthy.

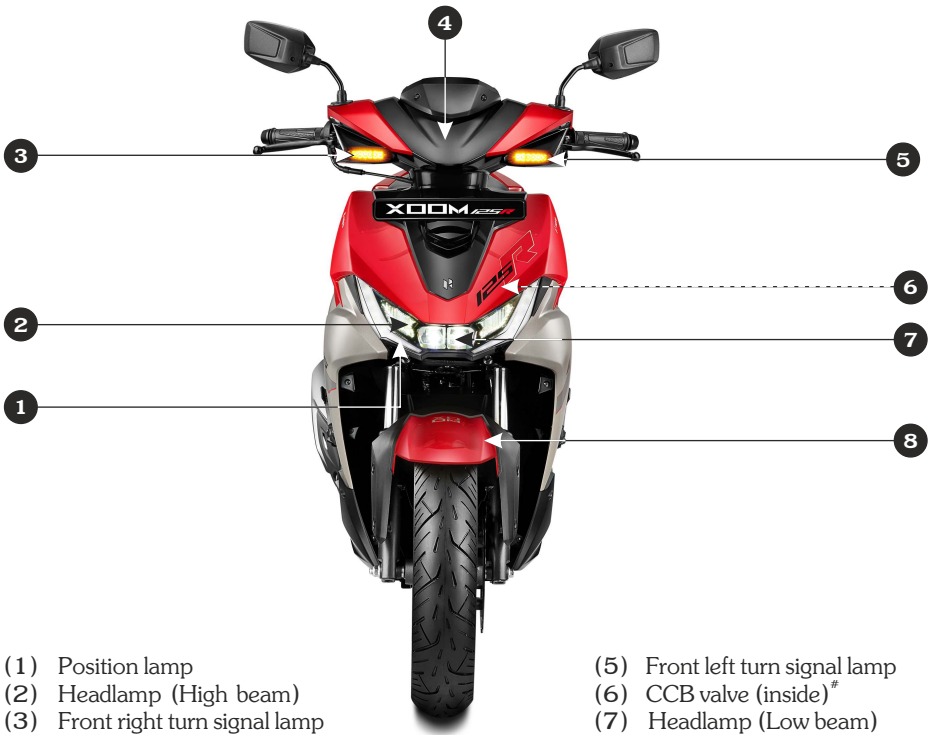
- **Noise pollution:** Noise beyond a certain decibel is pollution. Whether it is from horns or defective mufflers, excessive noise will cause headaches and discomfort.

- **Emission pollution:** Get emission of your vehicle checked by Authorised agencies atleast once every 6 months or as notified by the government from time to time.

- **Fuel saving & Reduce pollution:** Switch "OFF" the engine while waiting at traffic signal points to save fuel and reduce pollution, if the waiting period is long.

VEHICLE VIEWS

FRONT VIEW

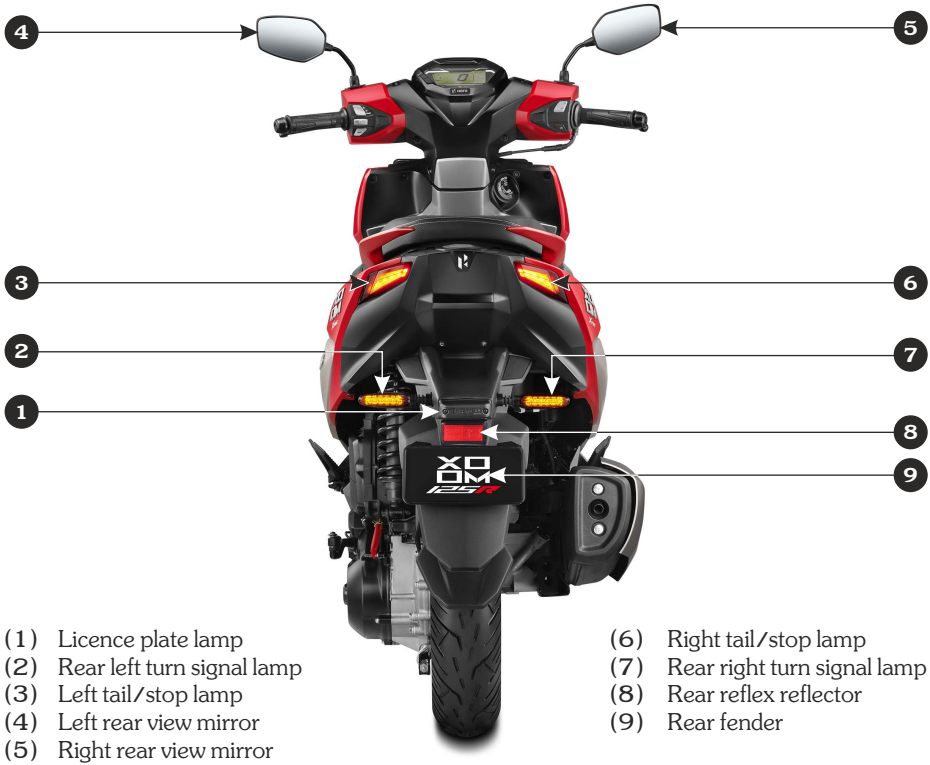


(1) Position lamp
(2) Headlamp (High beam)
(3) Front right turn signal lamp
(4) Front visor
(5) Front left turn signal lamp
(6) CCB valve (inside)#
(7) Headlamp (Low beam)
(8) Front fender

#Disc variant

***Accessories and features shown may not be part of standard fitment.**

REAR VIEW



(1) Licence plate lamp
(2) Rear left turn signal lamp
(3) Left tail/stop lamp
(4) Left rear view mirror
(5) Right rear view mirror
(6) Right tail/stop lamp
(7) Rear right turn signal lamp
(8) Rear reflex reflector
(9) Rear fender

***Accessories and features shown may not be part of standard fitment.**

VEHICLE VIEWS

TOP VIEW



(1) USB charger (inside)
(2) Horn switch
(3) Turn signal switch
(4) Integrated brake lever
(5) Dimmer switch/Passing switch
(6) Set button
(7) Mode button
(8) LCD panel of meter console. Refer instruments and indicators **(page 17)** for fuel gauge, speedometer and other features of console
(9) Front brake master cylinder/ Reservoir (inside)#
(10) i3s switch
(11) Front brake lever
(12) Throttle grip
(13) Starter switch
(14) Ignition switch with steering lock

#**Disc variant**

***Accessories and features shown may not be part of standard fitment.**

LEFT SIDE VIEW



(1) Front brake disc[#]
(2) Caliper assembly[#]
(3) Side stand switch[##]
(4) Side stand[##]
(5) Left pillion step
(6) Kick starter pedal
(7) Hugger fender
(8) Boot lamp (inside)[##]
(9) Seat
(10) Luggage hook

[#]**Disc variant** [##]**Optional**

***Accessories and features shown may not be part of standard fitment.**

RIGHT SIDE VIEW



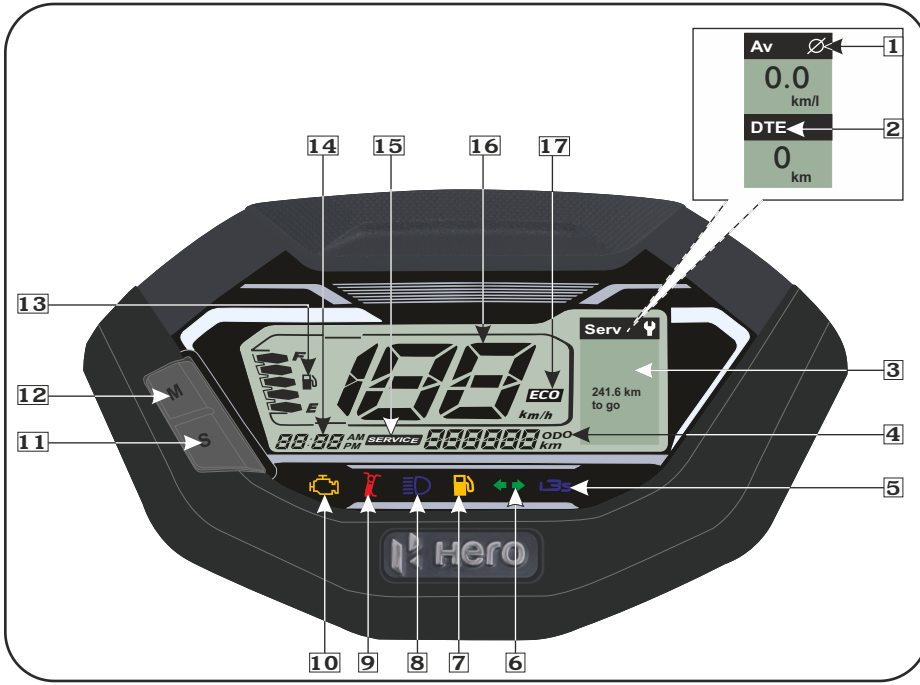
(1) Exhaust muffler
(2) Oil level dipstick
(3) Right pillion step
(4) Inner rack or Front box
(5) Center compartment (inside)
(6) Document compartment (inside)
(7) Rear grip

***Accessories and features shown may not be part of standard fitment.**

PARTS FUNCTION

INSTRUMENTS AND INDICATORS

The indicators are in the speedometer panel. The functions are as below :



S.No.	Description	Function
1	Real time mileage indicator (RTMI)	It indicates the current mileage of the vehicle (in km/ litre). The indication will change after every 3 seconds depending upon the driving condition **(page 23)**.
2	DTE (Distance to empty)	Indicates how many kilometers are left before the complete fuel is consumed in the fuel tank during riding.
3	Next service distance	Indicates how many kilometer are left before the next service is due. It appears for few seconds when the ignition switch is turned "ON" (Ω) **(page 24).**
4	Odometer	Shows accumulated distance travelled **(page 21)**.
5	i3s indicator	Indicator glows for 2 seconds and turns "OFF" indicating that i3s system is functional.
6	Turn signal indicators	Flashes when turn signal switch is operated.
7	Low fuel indicator	Light glows when the fuel quantity is low **(page 25)**.
8	High beam indicator	Light glows when headlamp is in high beam.
9	Side stand indicator	Light glows when the vehicle is parked on the side stand. Side stand indicator glows continuously, if any fault detected in the side stand system.
10	Programmed-FI malfunction indicator lamp (MIL)	When the ignition switch is turned "ON" the programmed-FI malfunction indicator lamp (MIL) glows continuously until the vehicle starts. It indicates that programmed FI system is OK. If MIL remains "ON" even if the vehicle is started, there is an abnormality in the programmed FI system. It is recommended to reduce the speed and drive to the Authorised Distributor/Dealer. for check-up.

S.No.	Description	Function
11	Set button	To adjust clock, date & tripmeter. When long pressed, resets tripmeter to zero.
12	Mode button	To change the mode (tripmeter-1 & 2, navigation mode {Disc variant}, RTMI & DTE mode), clock and date adjust.
13	Fuel gauge	Indicates approximate fuel available in the form of digital segments. The digital segments will swing to maximum scale on the meter console once the ignition switch is turned "ON" (O) **(page 23).**
14	Digital clock	Indicates time in hour and minute (12 hr format as AM/PM).
15	Service reminder indicator	Displays when the next service is due **(page 24).**
16	Speedometer	Indicates driving speed.
17	Eco mode	Indicates that vehicle is running in the fuel economy range which gives better mileage **(page 39).**

LCD PANEL

(a) Digital clock

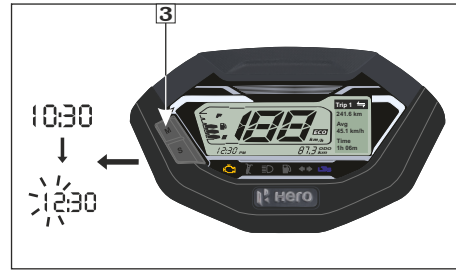
Digital clock (1) shows hour and minute. To adjust the time, proceed as follows :

- Turn the ignition switch "ON" (⏻).
- Press and hold set button (2) and mode button (3) simultaneously for more than 2 seconds. The clock will be set in the adjust mode with the hour's digit display blinking.



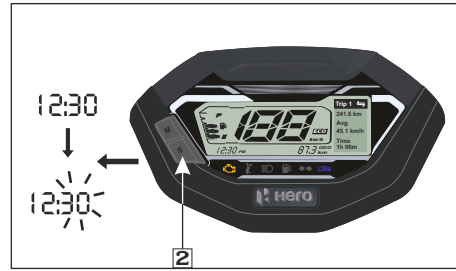
(1) Digital clock **(2) Set button**
(3) Mode button

- To set the hour, press mode button (3) until the desired hour is displayed.
  - The time is advanced by 1 hour each time the button is pressed.
  - The time advances fast when the button is pressed and held.
  - "AM" will change to "PM" (after midday).
  - PM will change to AM (before midday).



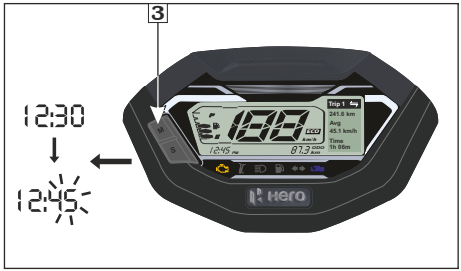
(3) Mode button

- Press the set button (2). The minutes display starts blinking.



(2) Set button

- To set the minute press mode button (3) until the desired minute is displayed. The minute display will return to "00" when "60" is reached without affecting the hour display.
  - The time advances by 1 minute, each time the button is pressed.
  - The time advances fast when the button is pressed and held.



(3) Mode button

- To end the adjustment press set button (2). The display will stop flashing automatically and it will return to its pervious value if the button is not pressed for 30 seconds or more.

NOTE

The clock will reset "AM: 1:00" if the battery is disconnected.

(b) Odometer/Tripmeter

The odometer (1) shows accumulated distance travelled.

The tripmeter (2) shows distance travelled since trip meter was reset last time. There are two tripmeters, "Trip-1" and "Trip-2".

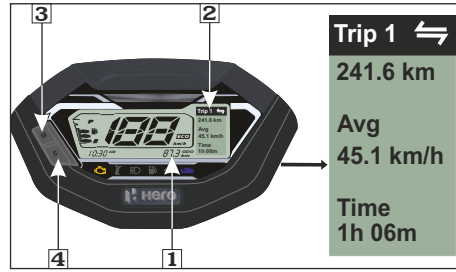
Push the mode button (3) to select "Trip-1" and "Trip-2". "Trip-1" and "Trip-2" can be displayed upto "999.9" km.

If the tripmeter exceeds "999.9" km it will return to "0.0" km automatically.

Tripmeter displays following parameters:

- **Distance**: distance covered in a trip.
- **Avg Speed**: it indicates the average running speed of the vehicle with respect to km covered per hour throughout the trip.
- **Trip time**: time taken to complete a trip.

When tripmeter is selected, long press (more than 2 seconds) the set button (4) to reset tripmeter to zero. The odometer can be displayed from "0 to 999999" km.



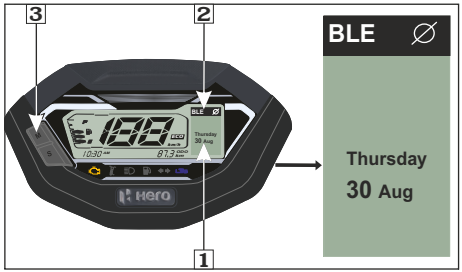
(1) Odometer **(2) Tripmeter**
(3) Mode button **(4) Set button**

(c) Date

It display the current date, day, month & year (1).

Date will display in bluetooth mode (2) screen.

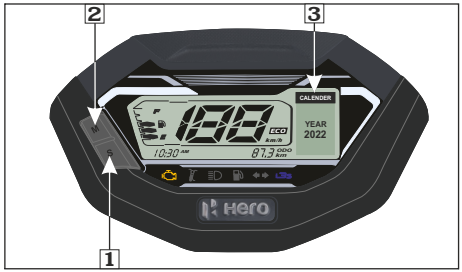
Push the mode button (3) until the bluetooth mode appear on the meter console.



(1) Date **(2) Bluetooth mode**
(3) Mode button

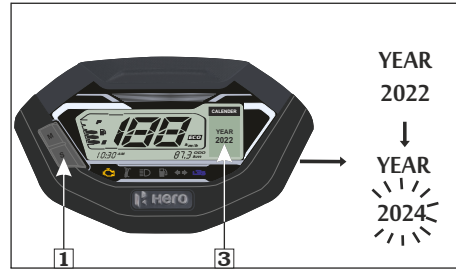
To update the date proceed as follows :

- Turn the ignition switch "ON" (⏻).
- Press and hold set button (1) and mode button (2) simultaneously for more than 2 seconds. The clock display will start blinking **(page 20)**.
- Keep pressing and releasing mode button (2) until calender display (3) appear.



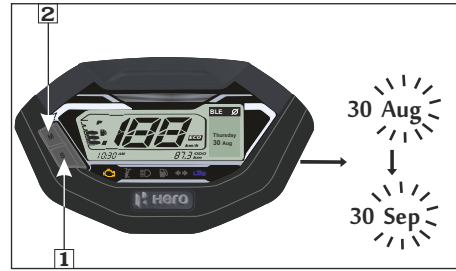
(1) Set button **(2) Mode button**
(3) Calender display

- Now to set year, press set button (1) until the desired year is displayed.



(1) Set button **(3) Calender display**

- To set month, press the mode button (2) to switch from year to month display. Now press the set button (1) until the desired month is displayed.



(1) Set button **(2) Mode button**

- To set date, press the mode button (2) date will start blinking. Now press the set button (1) until the desired date is displayed.



(1) Set button **(2) Mode button**

- To set day, press the mode button (2) day will start blinking. Now press the set button (1) until the desired day is displayed.



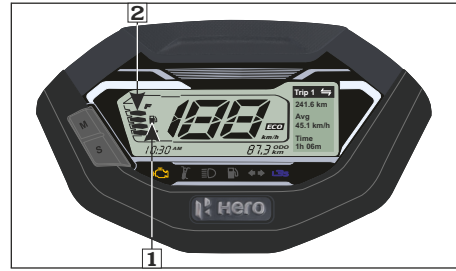
(1) Set button **(2) Mode button**

- To end the adjustment press the mode button (2) until date display stops blinking.

(d) Fuel gauge

The fuel gauge (1) indicates approximate fuel available in the form of digital segments.

The digital segments (2) will swing to maximum scale on the meter console once the ignition switch is turned "ON" (). If all the segments are displayed it means fuel quantity in the fuel tank is approximately 5.0 litres.



(1) Fuel gauge **(2) Segments**

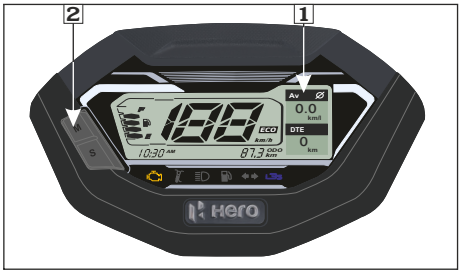
(e) Real time mileage indicator (RTMI)

The real time mileage indicator (RTMI) (1) shows the current mileage of the vehicle in km/litre and is refreshed after every 3 seconds. Press the mode button (2) until RTMI is displayed.

When the ignition switch is turned "ON" () position, the real time mileage indicator will temporarily show the digit **"0.0"** km/litre The display range is from (km/litre).

The fuel consumption shall be displayed when the speed of the vehicle is 5±2 km/hr. If the speed is less then 5±2 km/hr **"0.0"** km/litre will be displayed.

The RTMI shows a minimum value of **"0.0"** km/litre and maximum value of **"99.9"** km/litre.
During coasting with throttle fully closed, the fuel consumption is very minimal and hence the display can go up to **"99.9"** km/litre.



(1) Real time mileage indicator (RTMI)
(2) Mode button

(f) DTE (Distance to empty)

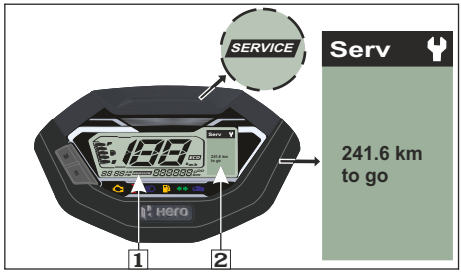
Distance to empty indicator "DTE" (1) shows how many kilometres are left before the complete fuel is consumed in the fuel tank during riding. Press the mode button (2) until "DTE" is displayed.



(1) Distance to empty (DTE)
(2) Mode button

(g) Service reminder indicator

The service reminder indicator (1) is to indicate the user to bring the vehicle to an Authorised Distributor/Dealer. for service. The indicator shall start blinking when the vehicle covers kilometers as specified in the maintenance schedule. The indicator will keep on blinking throughout the kilometer interval for a particular service and will stay ''ON'' thereafter.
Meter console also displays the next service distance (2). It indicates how many kilometers are left before the next service is due. It appears for few seconds when the ignition switch is turned "ON" (ON).
The service reminder indicator can be reset at an Authorised Distributor/Dealer.



(1) Service reminder indicator
(2) Next service distance

NOTE

After getting the vehicle serviced, make sure that the service reminder indicator has been reset.

LOW FUEL INDICATOR

Low fuel indicator (1) is a warning indicator for the user to fill the fuel as soon as possible.



(1) Low fuel indicator

CAUTION

Please ensure the vehicle is not used with low fuel indicator glowing continuously. It will not only result in the vehicle running out of fuel, it may also cause serious damage to the fuel pump. Please ensure fuel is filled up as soon as the low fuel indicator starts glowing.

NOTE

To check the fuel level indication, the vehicle should be on levelled surface and in stationary condition.

MAJOR COMPONENTS

(Information you need to operate this vehicle)

BRAKES (INTEGRATED BRAKING)

Brakes are items of personal safety and should always be maintained with proper adjustments. Your vehicle is equipped with integrated braking system.

When one applies the left brake lever, front & rear brakes activate jointly.

⚠ WARNING

- ***Independent use of only the front or rear brake increases stopping distance.***
- ***Extreme braking may cause wheel locking and reduce control over the vehicle.***
- ***Wherever possible, reduce speed or apply brake before entering a turn, closing the throttle or braking in mid turn may cause wheel slip. Wheel slip will reduce control over the vehicle.***
- ***When riding in wet or rainy conditions, or on loose surfaces the ability to stop the vehicle reduces.***
- ***All your actions should be smooth under these conditions. Sudden acceleration, braking or turning may cause loss of control. For your safety, exercise extreme caution when braking, accelerating or turning.***

(a) Front brake system (Disc variant)

Front brake fluid

Master cylinder/Reservoir

Location: Right handlebar

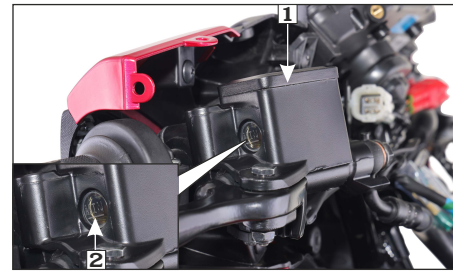
To access the master cylinder (1) remove the front handlebar cover **(page 59)**.

NOTE

Avoid application of brake fluid (DOT-4) on the hot foiling area of the upper case.

Brake fluid recommended: DoT 3 or DoT 4
Fluid level: Ensure that the brake fluid level does not fall below "MIN" mark (2) on the master cylinder, when checked with the master cylinder parallel to the ground.

The level decreases gradually due to piston movement to compensate pad wear. If the level decreases abruptly, check for leakage in the brake system and contact your Authorised Distributor/Dealer.



(1) Master cylinder (2) "MIN" mark

NOTE

Always contact your Authorised Distributor/Dealer for refilling of master cylinder when necessary. Do not mix DoT 3 and DoT 4 brake fluid.

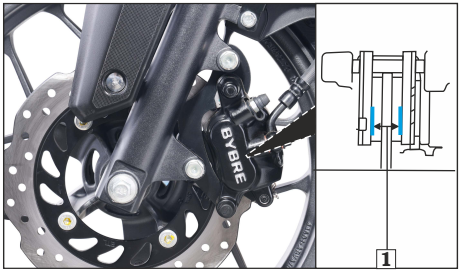
(b) Brake pad wear (Disc variant)

Brake pad wear depends upon the severity of usage, the type of riding & road conditions. Generally, the pads will wear faster on wet & dirty roads. Inspect the pads at each regular maintenance interval.

Inspection

- Check the wear indicator grooves (1) on each pad.

- Check the brake pads for wear by examining the wear limit grooves on each pad.
- Replace the pads if worn out to the bottom of the groove.
- Always replace both the pads as a set.

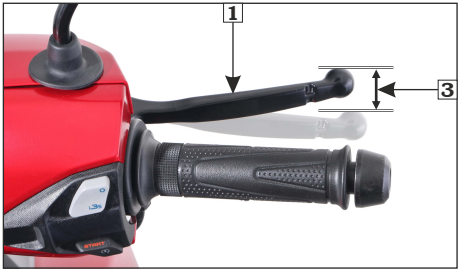


(1) Wear indicator groove

- Visit your Authorised Distributor/Dealer. for the brake pad replacement.

(c) Front brake system (Drum variant)

The distance, the front brake lever (1) and integrated brake lever (2) moves before each brake starts to engage is called free play (3). Measured at the tip of brake levers, free play should be maintained at 14-22 mm.



(1) Front brake lever
(3) Free play:14-22 mm



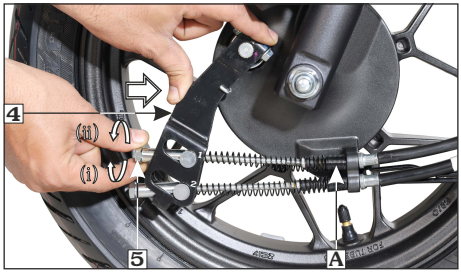
(2) Integrated brake lever
(3) Free play:14-22 mm

Right hand front brake cable (A) on "1" side

Adjustment

- Push the integrated brake arm (4) by hand in the direction as shown.
- Turn the first adjuster nut (5) till you cannot turn it by hand.
- Check the free play of right lever.

  FREE PLAY: 14-22 mm
- If the free play is more than 22 mm further turn the adjuster nut to obtain desired free play.



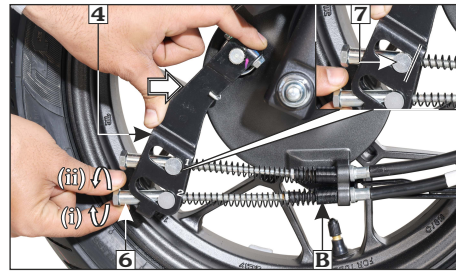
(4) Integrated brake arm (5) First adjuster nut
(i) Decrease free play (ii) Increase free play

NOTE

"1" & "2" is marked on integrated brake arm.

Left hand front brake cable (B) on "2" side.

- Push the integrated brake arm (4) by hand in the direction as shown.
- Turn the second adjuster nut (6) until a gap is created between joint (7) and the slot on the first side in integrated brake arm.
- After ensuring the gap, turn the second adjuster nut counterclockwise by half rotation.



(6) Second adjuster nut (7) Joint
(i) Decrease free play (ii) Increase free play

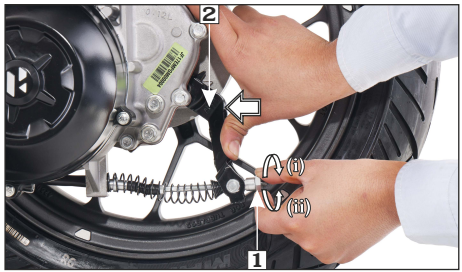
NOTE

"1" & "2" is marked on integrated brake arm.

REAR BRAKE

- Make free play adjustment by turning the adjuster nut (1) in the brake arm (2).
- Check the free play of integrated brake lever.

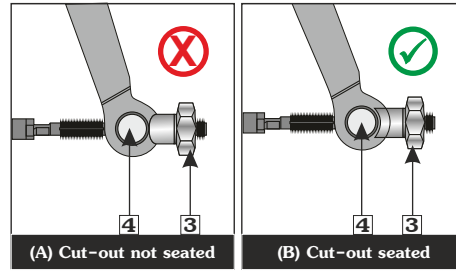
FREE PLAY: 14-22 mm



(1) Adjuster nut (2) Brake arm
(i) Decrease free play (ii) Increase free play

- If the free play is more than 22 mm further turn the adjuster nut to obtain desired free play.

Make sure the cut-out on the adjusting nut (3) is seated on the brake joint pin (4) after making final free play adjustment.



(A) Cut-out not seated **(B) Cut-out seated**

(3) Adjusting nut (4) Brake joint pin

If proper adjustment cannot be obtained by this method, visit your Authorised Distributor/Dealer..

Other checks:

Check brake cable for kinks or signs of wear that could cause sticking or failure.

Make sure the brake arm spring and fasteners are in good condition.

NOTE

Apply the brake several times and check for free wheel rotation after the brake lever is released.

FUEL

(a) Fuel tank

The fuel tank is located under the seat.

The fuel tank capacity is **5.0 litres** (Be sure to fill the fuel tank when low fuel indicator glows).

To open the fuel filler cap (1), insert the ignition key (2) in ignition switch, push it in and turn the ignition key to "FUEL OPEN" position **(page 35)**, the fuel filler cap will open as shown in the picture.

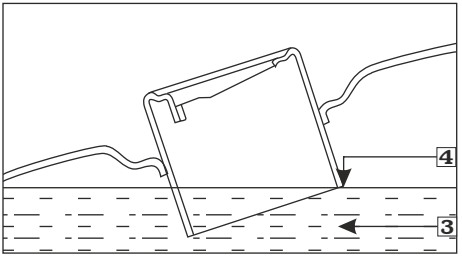


(1) Fuel filler cap **(2) Ignition key**

Lift the fuel filler cap by hand while refuelling.

Do not overfill the tank. There should be no fuel (3) in the filler neck (4).

After refuelling, press the fuel filler cap gently for locking until a click sound is heard.



(3) Fuel **(4) Filler neck**



We recommend that you use unleaded petrol because the muffler in the vehicle is fitted with a catalytic convertor, it also produces lesser deposits in engine and on spark plug, which extends the life of exhaust system and other components.

NOTE

If "Spark knock" or "pinking" occurs at a steady engine speed under normal load, change petrol brand. If the same still persists, consult your **Authorised Distributor/Dealer.** ***Failure to do so is considered misuse, and damage caused by misuse is not covered under*** Hero MotoCorp ***warranty policy.***

WARNING

After filling petrol, if the fuel filler cap is not closed and remain open, and the ignition switch is turned to "ON" position, a warning buzzer will sound till either the fuel filler cap is shut/closed, or the ignition switch is turned to "OFF" condition.

TYRES (TUBELESS)

The tyres fitted on your vehicle are of TUBELESS type.

To safely operate your vehicle, the tyres must be of the proper type and size in good condition with adequate tread and correctly inflated for the load you are carrying. The following pages give more detailed information on how and when to check the air pressure, how to inspect the tyres for damage and what to do when tyres need to be repaired or replaced.

WARNING

- ***Riding on tyres that are excessively worn or improperly inflated can cause a crash in which you can be seriously hurt or killed.***
- ***Follow all instructions in this owner's manual regarding tyres inflation and maintenance.***

Air pressure

Keeping tyres properly inflated provides the best combination of handling, tread life and riding comfort. Generally, under-inflated tyres wear unevenly, adversely affect handling and are more likely to fail from being overheated.

Over-inflated tyres make your vehicle ride harshly are more prone to damage from road hazards and wear unevenly.

We recommend that you visually check tyres before every ride and use a air pressure gauge (1) to measure air pressure at least once a month or any time you think the tyre pressure is low.



(1) Air pressure gauge

Tubeless tyres have some self-sealing ability if they are punctured. However, because leakage is often very slow, you should look closely for punctures whenever a tyre is not fully inflated.

Always check air pressure when your tyres are "cold"-when the vehicle has been parked for at least three hours. If you check air pressure when your tyres are "warm"-when the vehicle has been ridden for even a few kilometers, the readings will be higher than if the tyres were "cold". This is normal, so do not let air out of the tyres to match the recommended cold air pressures given below. If you do, the tyres will be under-inflated.

The recommended "cold" tyre pressures are:

	Rider only	Rider and Pillion
Front	1.50 kgf/cm^2 (22 psi)	1.50 kgf/cm^2 (22 psi)
Rear	2.00 kgf/cm^2 (29 psi)	2.00 kgf/cm^2 (29 psi)

! CAUTION

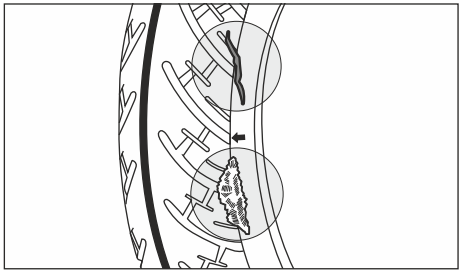
Over inflation/Under inflation will affect the performance.

Inspection

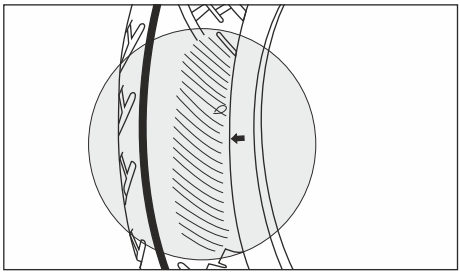
Whenever you check the tyre pressure, you should also examine tyre treads & side walls for wear, damage & foreign objects.

Look for:

- Bumps or bulges in the side of the tyre or the tread. Replace the tyre if you find any bumps or bulges.
- Cuts, splits or cracks in the tyre. Replace the tyre if you can see fabric or cord.



- Excessive tread wear.



• Carefully inspect the tyres for any damage, if the vehicle hits a pothole or hard object.

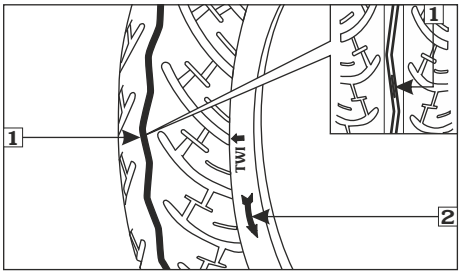
Tread wear

Replace tyres immediately when the wear indicator (1) appears on the tyre. The tread limits are :

Minimum tread depth:

Front: 0.8 mm **Rear:** 0.8 mm

Check the tread wear indicator for tyre wear.



(1) Tread wear indicator (2) Arrow mark

Unidirectional tyres

Whenever the tyre is removed and put back in case of puncture, ensure the arrow mark (2) on the tyre is in the same direction as that of forward rotation of wheel.

Tyre repair

Repairing a puncture or removing a wheel requires special tools and technical expertise. If a tyre is punctured or damaged, it is advised to visit nearest tyre manufacture, Hero MotoCorp Authorised Distributor/Dealer or the tyre repair shop who has expertise in repairing methods of tubeless tyre.

A tyre that is repaired either temporarily or permanently, will have lower speed and performance limits than a new tyre. After an emergency repair, always have the tyre inspected/replaced at our authorised dealer and replace the tyre if suggested.

You should not exceed 70 km/hour for the 1st 24 hours or 105 km/hour at any time thereafter. In addition, you may not be able to safely carry as much load as with a new tyre.

If you decide to have a tyre replace be sure the wheel is balanced before you ride.

Tyre replacement

The tyres that were installed on your vehicle were designed to match the performance capabilities of your vehicle and provide the best combination of handling, braking, durability and comfort.

WARNING

- ***Operation with excessively worn tyres is hazardous and will adversely affect traction and handling.***
- ***Under-inflation may result in the tyre slipping on or tyre coming off the rim.***
- ***Always use the size and type of tyres recommended in this owner's manual.***

The recommended tyre for your vehicle are:

Front : 110/80-14 M/C 53P

Rear : 120/70-14 M/C 55P

Important safety reminders

- Do not install a tube inside a tubeless tyre on this vehicle. Excessive heat buildup can cause the tube to burst.
- Use only tubeless tyres on this vehicle. The rims are designed for tubeless tyres and during hard acceleration or braking, a tube-type tyre could slip on the rim and cause the tyre to rapidly deflate.

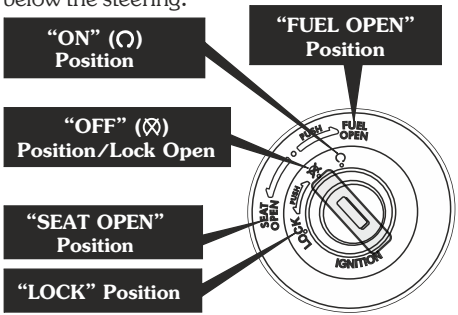
NOTE

For repair and replacement of tyre it is advised to visit your Authorised Distributor/Dealer

ESSENTIAL INDIVIDUAL COMPONENTS

Ignition switch

The ignition switch (1) is on the right side below the steering.





(1) Ignition switch
(2) Ignition key
(3) Steering lock position
(4) Seat open
(5) Fuel open

Key Position	Function	Key removal
"ON" (○)	The LCD panel illuminates & initial display of multi function digital segments are displayed. The fuel gauge segment will swing to the maximum scale once and back to its normal position. The engine can be started. turn signal lamp, horn, tail/stop lamp, fuel gauge will be functional. Programmed FI malfunction indicator lamp (MIL) illuminates continuously and i3s indicator glows for 2 seconds.	Key cannot be removed
"OFF" (⊗)	Engine cannot be started and cannot be operated.	Key can be removed
"LOCK"	Steering can be locked by pushing the key in and rotating it counterclockwise.	Key can be removed
"SEAT OPEN"	Seat can be opened by rotating the key counterclockwise.	Key can be removed
"FUEL OPEN"	Fuel tank lid can be opened by pushing the key in and rotating it clockwise.	Key can be removed

HANDLEBAR SWITCHES CONTROLS

Left handlebar controls

1. Dimmer switch/Passing switch

Press the switch upwards for high beam "" downwards for low beam "".
Press the switch to "PASS" position to operate the passing lamp.

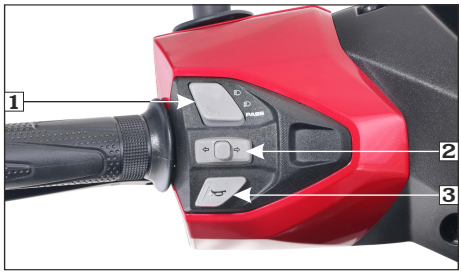
2. Turn signal switch ( )

Shift the turn signal switch sideways for right/left indications and leave it to come back to its normal position on its own.

IMPORTANT: To switch "OFF" the turn signal after completing the turn, gently push inside as directed on the switch.

3. Horn switch ( )

Press the switch to operate the horn.



(1) Dimmer switch/Passing switch
(2) Turn signal switch
(3) Horn switch

Right handlebar controls

(1) Electric starter switch ( )

The electric starter switch (1) is next to the throttle grip.
When the starter switch is pressed, the starter motor cranks the engine. see **(page 61)** for the starting procedure.

2. i3s switch

There is an i3s switch (2) provided to enable the rider for turning i3s mode "ON" or "OFF" based on the traffic conditions.



(1) Electric starter switch **(2) i3s switch**

NOTE

- ***When cranking the engine by using brake & starter switch or brake & slight throttle, cranking of engine will stop after 5 seconds, if engine does not start. After that, brake & starter switch or brake & slight throttle is required to crank the engine.***
- ***In case the engine gets started, cranking (starter relay engagement) of engine will stop after engine reaches 900 r/min.***

FEATURES

(a) i3s (Idle stop start system)

Starting & Warm up the engine:

- Turn the ignition key to "ON" (Ω) position.
- The i3s indicator (1) will glow on the meter console for 2 seconds and turn "OFF". For the activation of i3s system, start the engine and let it idle till the engine gets warmed up (Engine oil temperature read by ECU shall be more than 75°C).

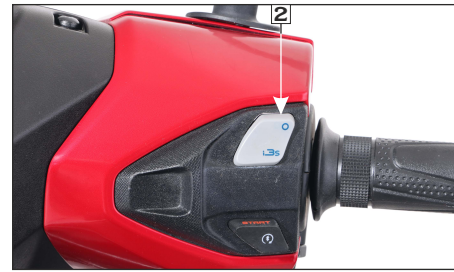


(1) i3s indicator

Initial activation of the i3s system:

- Keep the i3s switch (2) to "ON" position.
- Turn the ignition key to "ON" (Ω) position.
- The i3s indicator on the meter console will glow for 2 seconds and turns "OFF".
- Put the vehicle in stand still condition on its main stand (Speedometer pointer is on 0 km/h).
- Start the engine and allow it to run at idle r/min.

Ensure that the r/min should not cross 2200.



(2) i3s switch

- The i3s indicator will be continuously "ON" for 8 seconds before engine cuts-off by i3s system (Engine oil temperature read by ECU shall be more than 75°C). After engine cuts-off by i3s, i3s indicator will blink for 500 seconds, waiting user input to start engine by pressing brake & slight throttle, brake & electric start or kick. During this 500 seconds interval, if the vehicle is pushed at speed greater than or equal to 5 km/h, vehicle can be started by applying slight throttle only.
  After 500 seconds, i3s indicator will be "OFF" and the vehicle can only be started by using kick or brake & electric starter.

- If engine is stopped by any means other than i3s function, i3s indicator lamp will not glow/blink in the meter console after engine stop. In this condition, vehicle will not start by brake & slight throttle. Vehicle can be started by using kick or electric start.

NOTE

- ***If for the first time vehicle is started and rider crosses 20 km/h speed. After that, vehicle is kept in idle (Engine r/min less than 2200 r/min), vehicle is in stationery condition (Speedometer pointer is on 0 km/h), Engine is warmed up (Engine oil temperature read by ECU shall be more than 75°C) then the engine will be turned "OFF" in 8 seconds.***
- ***The i3s indicator will be continuously "ON" for 8 seconds before engine cuts-off by i3s system (Engine oil temperature read by ECU shall be more than 75°C). After engine cut-off by i3s, i3s indicator will blink for 500 seconds, waiting user input to start engine by pressing brake & slight throttle, brake & electric start or kick. During this 500 seconds interval, if the vehicle is pushed at speed greater than or equal to 5 km/h, vehicle can be started by applying slight throttle only.***

  After 500 seconds, i3s indicator will be "OFF" and the vehicle can only be started by using kick or brake & electric starter.

- ***If engine is stopped by any means other than i3s function, i3s indicator lamp will not glow/blink in the meter console after engine stop. In this condition, vehicle will not start by brake & slight throttle. Vehicle can only be started by using kick or self start.***
- ***If i3s switch is put on "OFF" position once the engine is stopped by the i3s system then vehicle can only be started by using kick or brake & electric starter.***
- ***After engine is cut-off by i3s, if side stand position is changed from "Up" to "Down" and then again "Down" to "Up" in the same ignition cycle, then i3s functionality will be disabled in the vehicle. Hence, after that, vehicle cannot be started by brake & slight throttle. But, if the engine is started by brake & electric start or kick, the i3s operation will be enabled if all i3s conditions are met.***

Driving with i3s switch in "ON" position:

If the engine is stopped by i3s and it remains in "OFF" condition for more than 500 seconds then vehicle can only be started with brake & electric starter switch or kick.

Driving with i3s switch in "OFF" position:

While driving in very dense traffic where the vehicle has to encounter a stop and go situation, the i3s switch can be put to "OFF" position. Once this is done, the i3s system will not work and the vehicle will be in normal operating conditions as other vehicles and no special functions will be performed.

NOTE

- ***The i3s system will not function if rider puts the i3s switch to "OFF" position.***
- ***If the battery voltage is low and engine r/min is less than 2200, there will be 3 continuos blinks after every 6 secs.***
- ***If the low battery voltage is detected while the ignition key is in "ON" position or engine is in running condition, the i3s function will be deactivated until the rider turns the ignition switch to "OFF" (⊗) position and then back to "ON" (○) position. The rider can start vehicle by using kick.***
- ***If the vehicle is driven without battery or with the dead battery and the engine r/min is less than 2200. The i3s indicator on the speedometer will blink continuously at every 1.5 secs. The rider can start vehicle by using kick.***
- ***If the vehicle has fallen down, i3s function will be deactivated. Before restarting the engine you must turn the ignition switch to "OFF" (⊗) position and then back to "ON" (○) position.***
- ***i3s system will be deactivated if the vehicle battery is low/dead or driven without battery.***
- ***If vehicle diagnoses with any problem in electronic control unit (ECU) the i3s function will not work.***
- ***If the battery is in healthy condition and the i3s system does not work properly, it is recommended to visit your*** **Authorised** Distributor/Dealer.

(b) ECO mode

ECO mode assists the rider to achieve optimum fuel efficiency.



(1) Eco mode

ECO mode (1) will display when the vehicle speed is in between 20 to 60 km/hr .

NOTE

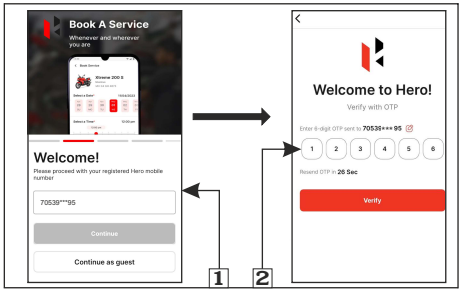
- ***For Global Business Hero Ride Guide Application will be available in the Google play store (for androids) or App Store (for iOS),***

(c) Hero App Application:

Hero App is available in the google play store (for androids) or App Store (for iOS), which can be installed in your device to access bluetooth, incoming calls alerts, missed call alerts, mobile battery status, message alert and navigation features.

To connect your device proceed as follows:

- Open Hero App on your smartphone.
- Application asks the user to login (1) using registered mobile number.
- Now user will receive the 6-digit OTP on registered mobile number.
- User required to enter the 6-digit OTP (2) and verify.

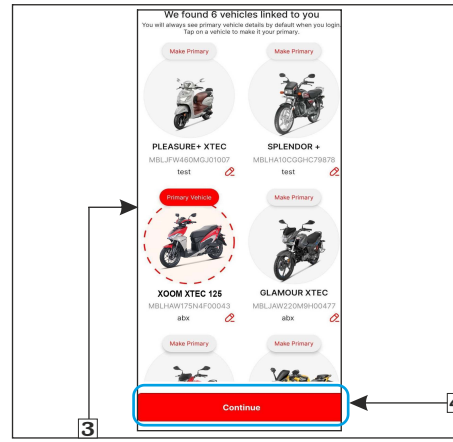


(1) Login **(2) Enter OTP**

NOTE

- ***Compatibility and performance of Hero App may vary based on your device and software version.***
- ***Application needs GPS signal, internet and bluetooth connectivity to perform the desired navigation functionality.***

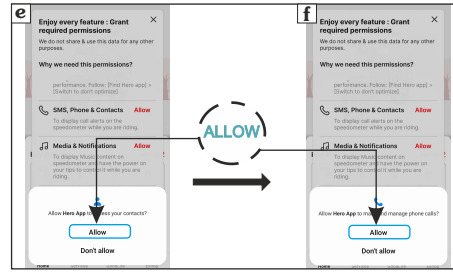
- After successful verification, select vehicle screen (3) will be replicated on mobile screen. Tap on the vehicle image to continue.
- Select the vehicle and click on "Continue" (4).

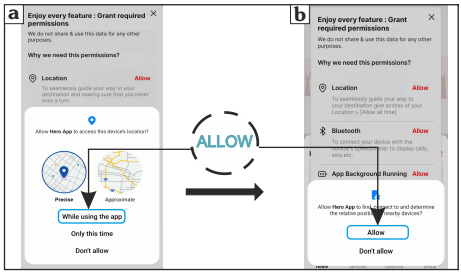


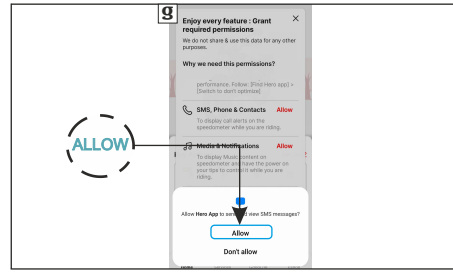
(3) Select vehicle screen **(4) Continue**

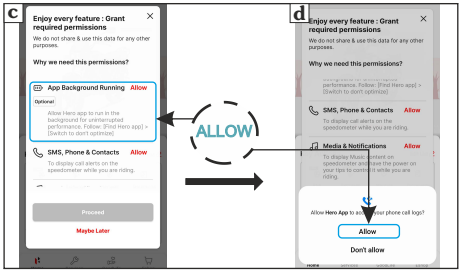
- For first time pairing, allow the application to access:

a. Device location.
b. Bluetooth connectivity.
c. App background running (optional).
d. Phone call logs on your device.
e. Contacts.
f. Make and manage phone calls.
g. Send and view SMS messages.





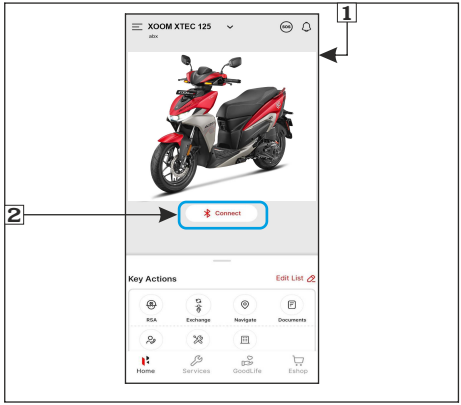




Bluetooth:

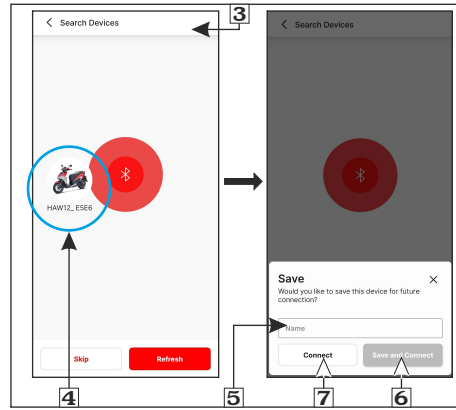
Your vehicle is equipped with bluetooth connectivity feature by which you can pair your smartphone with the meter console of your **Xoom 125R Xtec** vehicle through Hero App. After successful login to Hero App **(page 40)** To connect your device to bluetooth proceed as follows:

- After selecting the vehicle, user can view the Dashboard (1) with Connect button visible.
- After clicking on 'Connect' (2).



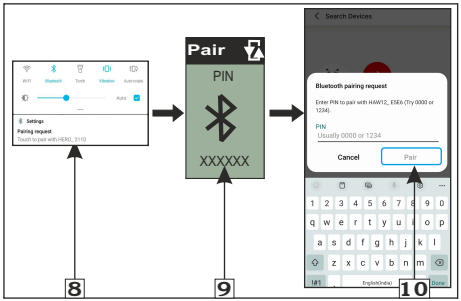
(1) Dashboard **(2) Connect**

- User will be redirect to the Bluetooth searching screen (3).
- The application searches for a while and displays all compatible nearby devices. Select the device (4).
- Update your name (5) (if required) and select either save and connect (6) or connect (7) to proceed.



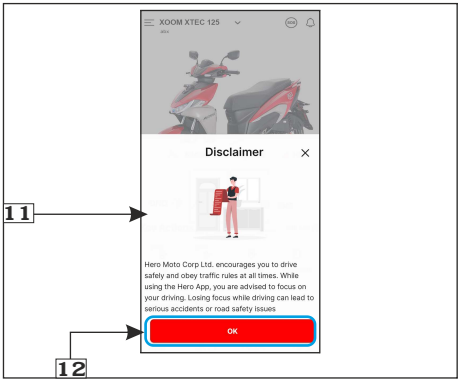
(3) Bluetooth searching screen
(4) Select the device
(5) Update your name
(6) Save and connect
(7) Connect

- Now application will send paring request notification (8). Click on the notification
- Now meter console will display paring pin (9).
- Enter the pin in application screen and select “Pair” (10).



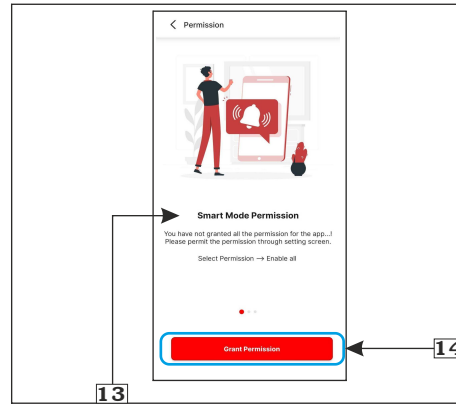
(8) Pairing request notification
(9) Pin **(10) "Pair"**

- Disclaimer popup (11) instruction will show, click on "Ok" (12) to dismiss the popup.



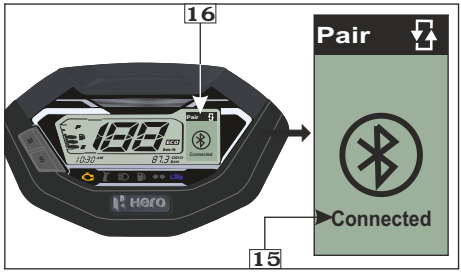
(11) Disclaimer popup **(12) Ok**

- Now application asks the user to give the smart mode permission (android) (13) for DND mode, where phone will be in vibrate mode from ringing.
- After granting permission (14) user will be able to access the DND feature.

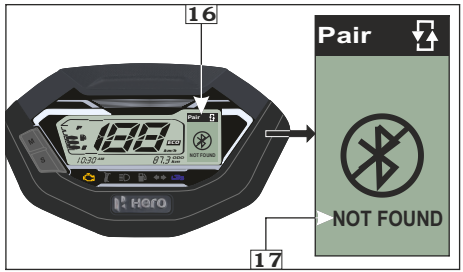


(13) Smart mode permission
(14) Grant permission

- On pairing, meter console displays "Connected" (15) below bluetooth symbol in bluetooth mode (16).
- If any error occurs during the course of pairing process, then meter console will display "Not found" (17) below bluetooth symbol. Repeat the above steps and keep your smartphone closer to the vehicle to reconnect.



(15) Bluetooth connected
(16) Bluetooth mode



(26) Bluetooth mode **(17) Not found**

Autopairing

Your vehicle is equipped with autopairing feature by which if you turn ''OFF'' vehicle's ignition switch after successful pairing with Hero App, it will reconnect automatically once ignition switch is turned ''ON''.

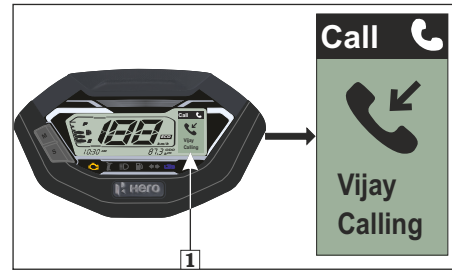
NOTE

- ***Always keep your smartphone close to your vehicle during the course of pairing, autopairing and navigation.***
- ***Application need to be running in the background.***

Various features of Hero App are as follows:

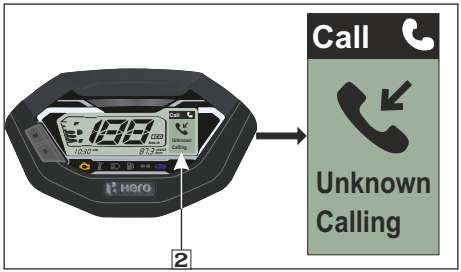
- **Incoming call alert**

When smartphone is paired with the meter console of your vehicle via bluetooth **(page 41)**, then you will get all the incoming calls alerts (1) on the meter console. It will display the name of the caller if it is stored in your compatible smartphone. For example: If caller's number is stored in your compatible smartphone by name of Vijay, then your meter console will display Vijay calling (1).



(1) Incoming call alert by name

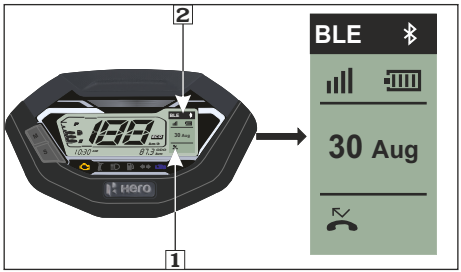
If the number is not saved in your device by name or your device is an iOS, then it will display "unknown calling" (2).



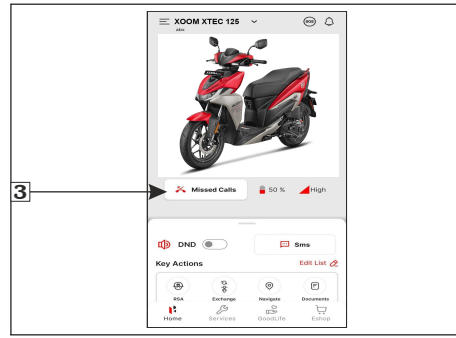
(2) Incoming call alert by unknown number

- **Missed call alert**

When your smartphone is paired with the meter console of your vehicle via bluetooth **(page 41)**, then you will get all the missed calls alerts (1) in bluetooth mode (2) and in dashboard of Hero App (3) it will show missed call count.



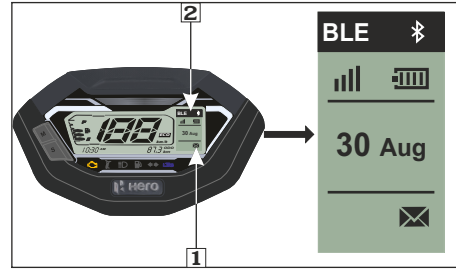
(1) Missed call alert on meter console
(2) Bluetooth mode



(3) Missed call count on Hero App

- **Message alert**

When your smartphone (android) is paired with the meter console of your vehicle via bluetooth **(page 41)**, then you will get all the message alerts (1) in bluetooth mode (2).



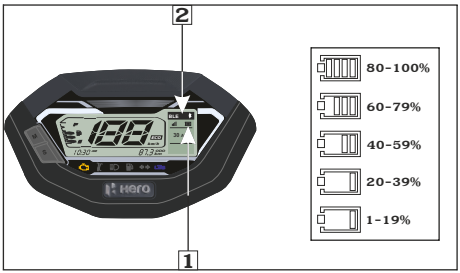
(1) Message alert on meter console
(2) Bluetooth mode

- **Phone battery status**

When your smartphone is paired with the meter console of your vehicle via bluetooth **(page 41)**, then it will display phone battery status (1) of your smartphone in bluetooth mode (2) and in dashboard of Hero App (3).

In meter console:

4 bar display – 80-100%
3 bar display – 60-79%
2 bar display – 40-59%
1 bar display – 20-39%
1 bar blink with outer line display – 1-19%.

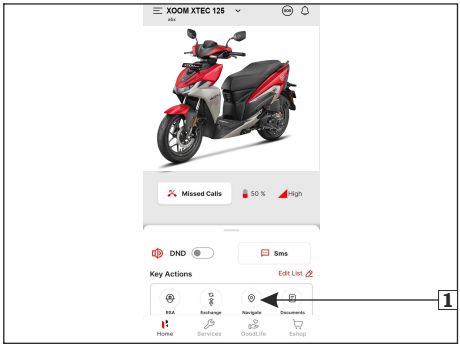


(1) Phone battery status on meter console
(2) Bluetooth mode

- **Navigation (Disc variant)**

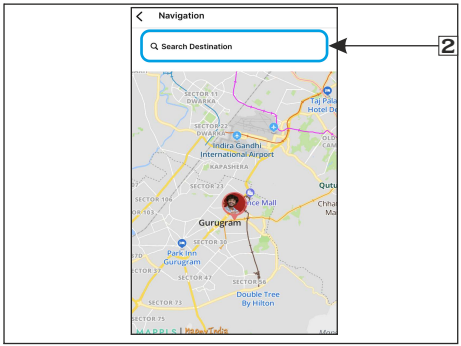
To use navigation feature proceed as follows:

- Connect your vehicle with your Hero App via bluetooth **(page 41).**
- Click on navigation (1) in the dashboard of Hero App.

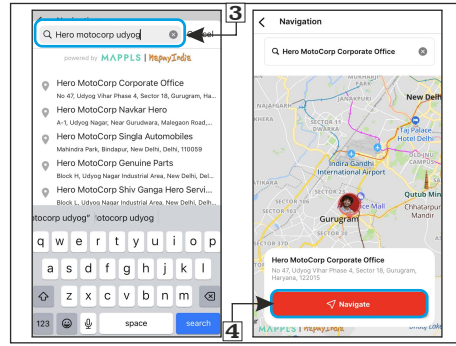


(1) Navigate on Hero App

- User will search the destination (2) on the Hero App.

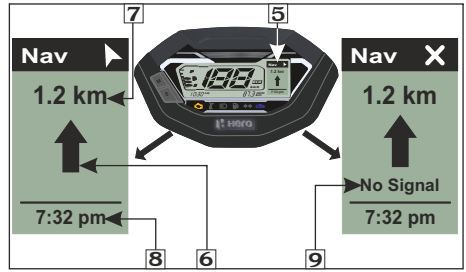


(2) Search the destination



(3) Search result **(4) Navigate**

- Application shows the search result (3) of the addresses, User can select the address to find and check the route.
- Once route found user have to click on 'Navigate' (4) and the route suggestion will show in the map.
- Now user can view the turn by turn navigation in navigation mode (5) on meter console of the vehicle.
- After clicking on navigate, meter console will display the direction (6), distance for next move (7) and estimated time of arrival (ETA) (8). Estimated time of arrival will be displayed in "am"or "pm". Hero App and meter console of your vehicle will display step by step navigation guidance/direction through navigation signs **(page 96)**.



(5) Navigation mode **(6) Direction**
(7) Distance for next move **(8) ETA**
(9) No signal

NOTE

At any point, if Navigation system loses signal, then it displays "No Signal" (9) on meter console when vehicle is in navigation mode.

WARNING

Navigation system assists you to reach your destination, don't be distracted while driving. Drive safely and always obey traffic rules.

(d) Steering lock

To lock the steering, turn the handle bar all the way to the left, turn the key (1) to "LOCK" position while pushing in and remove the key.



(1) Ignition switch
(A) Push in **(B) Turn to lock**

CAUTION

Do not try to turn the key to "LOCK" position while riding the vehicle, which may lead to loss of vehicle control.

(e) Fuel filler cap/lock

The fuel filler cap lock is provided with ignition switch (1).

To open the filler cap, insert the key (2) while pushing in and turn it clockwise to "FUEL OPEN" position. The filler cap will release from its latch.

To lock the filler cap push down gently until it locks and hear a click sound to ensure the fuel filler cap is secured before riding.

CAUTION

Gently close the filler cap by hand. Sudden dropping of the filler cap may result in breaking the filler cap lock and malfunction of the lock.

(f) Seat lock

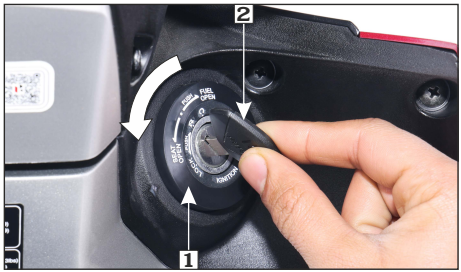
The seat lock is provided along with the ignition switch (1).

To lift the seat, insert the key (2) and turn it anti-clockwise to unlock the seat. The seat will release from its catch.

To lock the seat, push down until it locks. Make sure the seat is secured before riding.

CAUTION

Gently close the seat by hand. Sudden dropping of the seat may result in breaking the seat lock and malfunction of the lock.



(1) Ignition switch (2) Ignition key

(g) Helmet holder

Two helmet holders (1) are located under the seat.

To access the holder or to secure a helmet (2) to the holder.

- Open the seat.
- Attach/Hook the helmet strap or ring to the helmet holder and close the seat.



(1) Helmet holder (2) Helmet

Make sure the seat is secure before riding.

! CAUTION

Gently close the seat by hand. Sudden dropping of the seat may result in breaking the seat lock and malfunction of the lock.

To release the helmet from the holder.

- Open the seat.
- Remove the helmet from the holder and close the seat.

! WARNING

- ***Riding with a helmet attached to the holder can interfere with the objects and could cause a loss of control/crash in which you can be seriously hurt.***
- ***Use the helmet holder only while parked. Do not ride with a helmet secured by the holder.***

NOTE

Place the helmet inside the center compartment if you wish to carry along with the vehicle.

(h) Center compartment

The center compartment (1) is below the seat. Opening and closing the seat lock, see **(page 49)**.

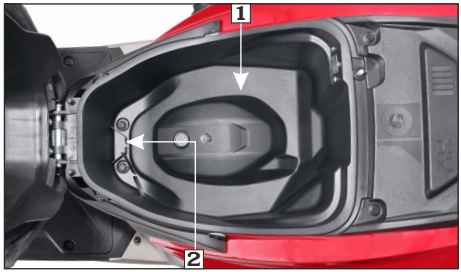
MAXIMUM WEIGHT LIMIT: 10 kg

Never exceed the maximum weight limit, handling and stability may be severely affected. The center compartment may become heated by the engine. Do not store food and other articles which are flammable or susceptible to heat damage.

Do not direct pressurised water spray against the center compartment as water may enter into the compartment.

(I) Document compartment Tool kit holder

The document compartment (2) tool kit holder (3) is located in the center compartment below the seat.



(1) Center compartment
(2) Document compartment

The owner's manual, other documents tool kit can be stored in it.

NOTE

When washing your vehicle, be careful not to flood this area with water.

CAUTION

Before the vehicle is pressure washed the items kept inside the center compartment should be removed to prevent consequential damage.

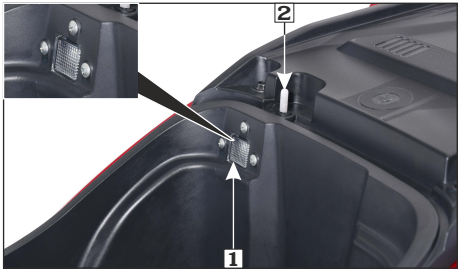


(3) Tool kit holder

(j) Boot lamp/Boot lamp switch (Optional)

A boot lamp (1) is provided in the center compartment. This boot lamp will be functional only when the seat is open. Opening and closing the seat lock, see **(page 49)**.

An automated switch (2) is provided on the center compartment, which enables the boot lamp to glow when the seat is in open condition and goes off automatically when the seat is closed.

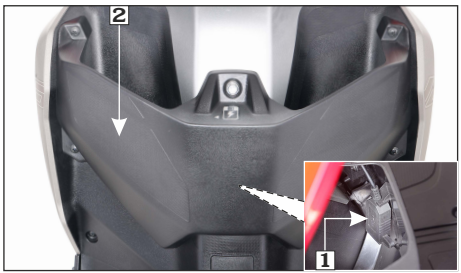


(1) Boot lamp **(2) Switch**

(k) USB charger

A USB charger (1) located inside the inner rack (2) is provided in your vehicle to charge your mobile phone safely while riding.

Use of non-standard USB cable may cause damage to the mobile phones.



(1) USB charger **(2) Inner rack**

To connect a mobile phone to the charger, first dismount the USB charger from the inner rack.

Open the cap (1) from the USB charger (2) and then plug in the charger cable to it. Mount the USB charger into to the inner rack.

Hero MotoCorp will not be responsible for damages caused due to use of non-standard USB cable.



(1) Cap **(2) USB charger**

! CAUTION

- ***Always place the device in a safe and secure condition to avoid any damage due to road shocks while riding.***
- ***Multiple charging of USB devices has to be avoided, simultaneous charging may lead to slow or no charging.***
- ***USB port is for charging compatible USB devices.***
- ***Do not leave the USB device and USB cable in the vehicle when the vehicle is parked.***

CAUTION

- ***Charge your device when the engine is operational/while riding.***
- ***USB charger will not be covered under warranty in case of USB charger cap damage.***

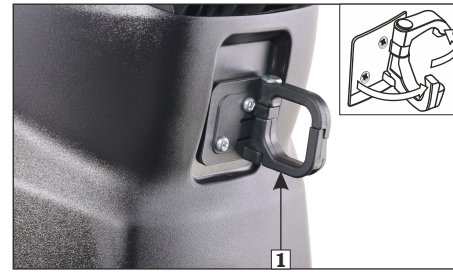
NOTE

- ***Do not apply any soap solution, oil or grease inside the USB charger.***
- ***Any personal belongings have to be removed before water washing to avoid damage.***
- ***Always keep the USB port cap closed after use to prevent dust or water entry during rains/water wash.***
- ***Do not direct water jet towards the port even with cap closed to avoid any short circuit. Always dry the area using a dry cloth or moisture free compressed air before use.***
- ***Press the cap slightly for proper locking of USB charger cap.***
- ***The charging time of mobile may vary, depending on the mobile's battery state of the charge, mobile make and conditions.***

(l) Luggage hook

Luggage hook (1) is located below the front end of the seat. To use the hook, turn the hook from its position and open the hook by turning the upper lever as shown. The upper lever will close automatically. After using the hook, push it back to its position.

MAXIMUM WEIGHT LIMIT: 1.5 Kg



(1) Luggage hook

WARNING

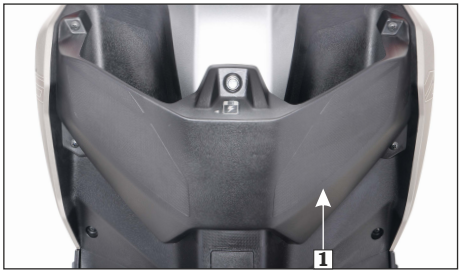
- ***Do not exceed the maximum weight limits for the luggage hook.***
- ***Do not hang large luggage to the hook that would hang out from the vehicle and or interfere with the movement of your feet.***

(m) Inner rack or Front box

The inner rack (1) is provided to carry some items, documents, etc.

MAXIMUM WEIGHT LIMIT: 1.5 kg

Never exceed the maximum weight limit of the inner rack otherwise handling and stability may be severely affected.



(1) Inner rack

(n) Side stand indicator

For the safety of the customer a side stand indicator (1) is provided. If the side stand is down (ignition switch "ON"), an indicator lamp glows in the speedometer panel.

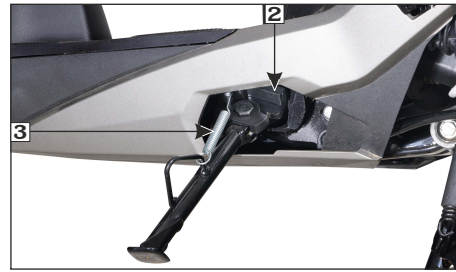


(1) Side stand indicator

(o) Side stand switch/Side stand (Optional)

A side stand switch (2) is provided in the side stand, when the side stand is down (ignition switch "ON"), the switch enables the side stand indicator lamp to glow on the speedometer panel.

- Check the side stand for proper function and the spring (3) for damage or loss of tension and the side stand assembly for free movement.
- Check whether the side stand indicator (1) glows when the side stand is down.
- When the side stand is up, the side stand indicator (1) should not glow.



(2) Side stand switch (3) Side stand spring

- If the side stand indicator (1) does not operate as described in above steps, please visit your Authorised Distributor/Dealer

! CAUTION

Ensure that adequate care should be taken while cleaning the side stand switch.

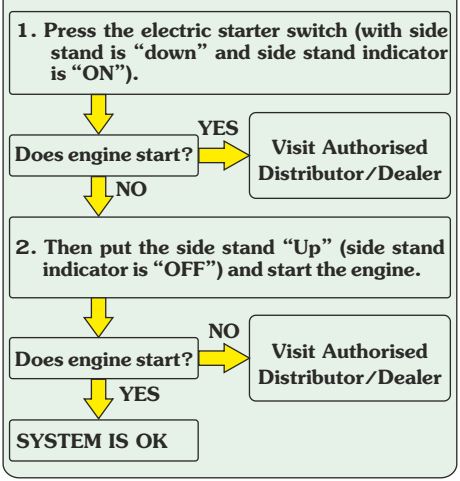
Your vehicle is equipped with "Side stand engine kill" feature for safety purpose.

This feature has following functions:

- It prevents starting the engine when side stand is down.
- It stops the running engine when side stand is moved down.

To inspect the functionality of this feature, park the vehicle on its main stand and check all the conditions described in the inspection flow diagram:

INSPECTION FLOW DIAGRAM

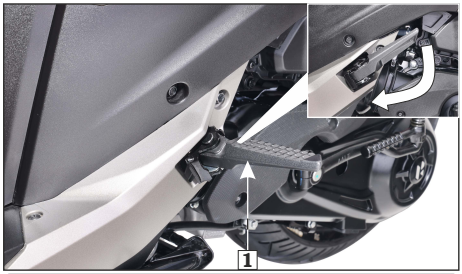


⚠ WARNING

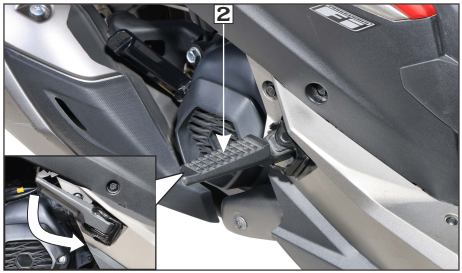
- ***If "Side stand engine kill" feature has any fault, side stand indicator will glow continuously and "Side stand engine kill" feature will not work.***
- ***Regularly inspect the functionality of "Side stand engine kill" feature and in case of any malfunction visit* Visit Authorised Distributor/Dealer**

(p) Pillion footrest

Move the left and right (1 & 2) footrest in the direction shown by arrows to open. Folding can be done by moving footrest in the reverse direction.



(1) Left footrest



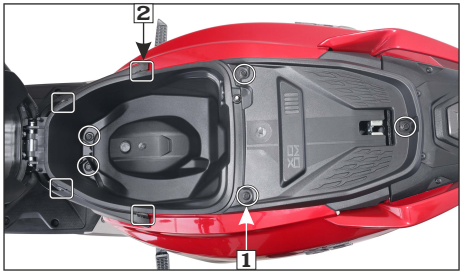
(2) Right footrest

BODY PARTS REMOVAL

(a) Center compartment

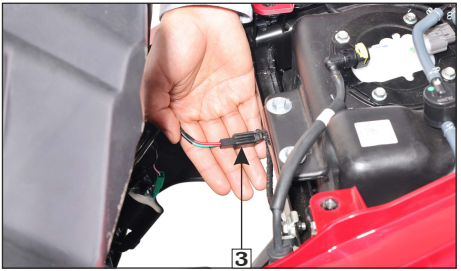
Removal

- Open the seat **(page 49)**.
- Remove the five center compartment bolts (1).
- Remove the four center compartment screws (2).



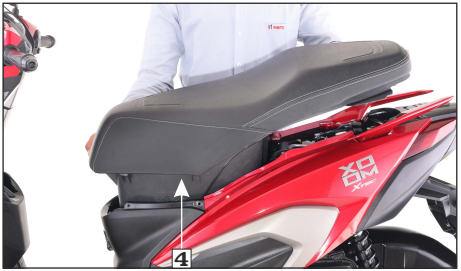
(1) Bolts **(2) Screws**

- Lift the center compartment and disconnect boot lamp connector (3).



(3) Boot lamp connector

- Remove the center compartment (4).



(4) Center compartment

Installation

Installation is in the reverse order of removal.

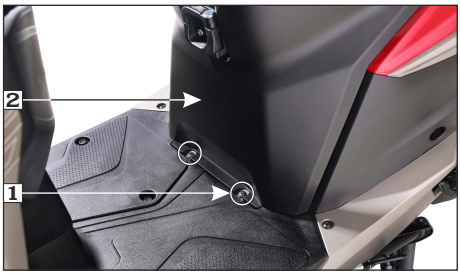
NOTE

Park the vehicle on its main stand when servicing the vehicle with the center compartment removed.

(b) Center cover

Removal

- Remove the two screws (1) from the center cover.
- Remove the center cover (2) by releasing the tabs from the slots.



(1) Screws **(2) Center cover**

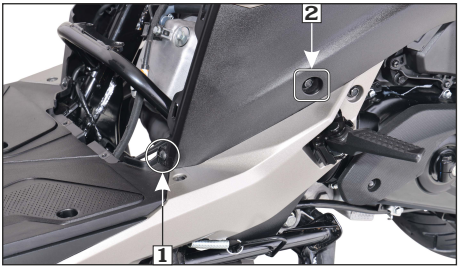
Installation

Installation is in the reverse order of removal.

(c) Body cover

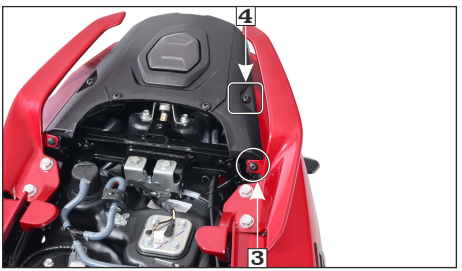
Removal

- Remove center compartment **(page 56)**.
- Remove center cover **(page 57)**.
- Remove the screw (1) from left body cover.
- Remove the bolt (2) from left body cover.



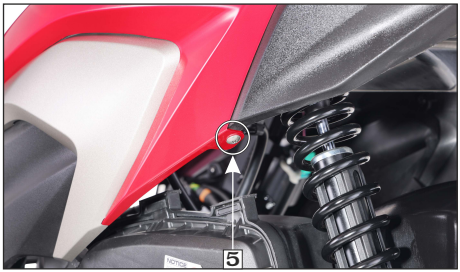
(1) Screw **(2) Bolt**

- Remove the screw (3).
- Remove the allen key screw (4).



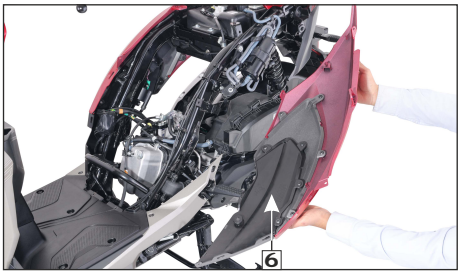
(3) Screw **(4) Allen key screw**

- Remove the screw (5).



(5) Screw

- Remove the left body cover (6) by releasing the tab from the slot.



(6) Left body cover

Similarly remove the right body cover.

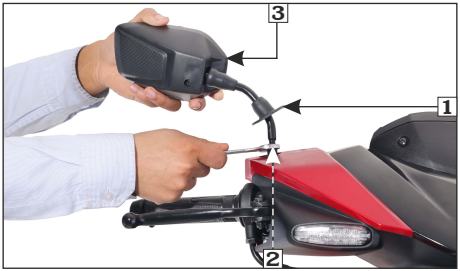
Installation

Installation is in the reverse order of removal.

(d) Rear view mirror

Removal

- Slide the dust cover up (1).
- Loosen the special nut (2) until it will no longer turn.
- Loosen the rear view mirror (3) and remove it.



(1) Dust cover **(2) Special nut**
(3) Rear view mirror

Installation

- Install the rear view mirror until it will no longer turn.
- Adjust the rear view mirror.
- Tighten the special nut.

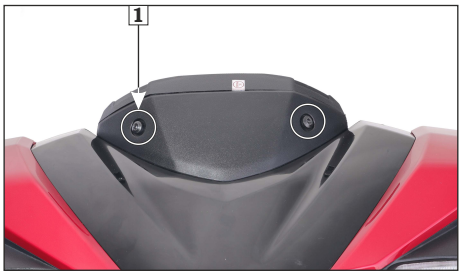
NOTE

- ***To open the right side rear view mirror the threads are to be loosened in clockwise direction and tightened in counter clockwise direction.***
- ***To open the left side rear view mirror the threads are to be loosened in counter clockwise direction and tightened in clockwise direction.***

(e) Front handlebar cover

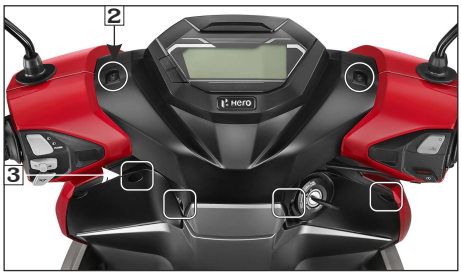
Removal

- Remove the rear view mirror **(page 58)**.
- Remove the two allen key screws (1) from the front side.



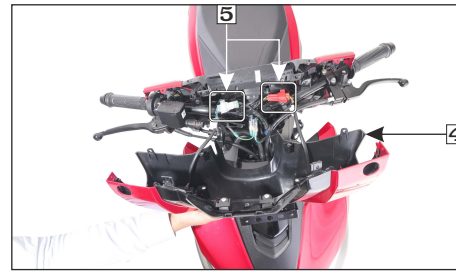
(1) Allen key screws

- Remove the two allen screw (2) and four screws (3) from the rear side.



(2) Allen key screws **(3) Screws**

- Pull the front handlebar cover (4) slightly up, carefully.
- Disconnect the turn signal lamp connectors (5) and remove the front handlebar cover.



(4) Front handlebar cover
(5) Turn signal lamp connectors

Installation

Installation is in the reverse order of removal.

(f) Headlamp focus adjustment

Vertical adjustment

Headlamp focus is factory preset. However in case of adjustment required please follow the steps as given below.

- Park the vehicle on its main stand on a level surface in front of a wall.
- Turn the ignition switch to "ON" (Ω) position and start the engine.
- Adjust the headlamp beam by loosening or tightening the headlamp adjusting screw located behind the headlamp assembly for correct focus adjustment.



(1) Adjustment screw

⚠ WARNING

An improperly adjusted headlamp may blind oncoming driver or it may fail to light the road for safe distance.

PRE-RIDE INSPECTION

For your safety, it is very important to take a few moments before each ride to walk around your vehicle and check its condition. If you detect any problem, be sure you take care of it or have it corrected by your Authorised Distributor/Dealer

⚠ WARNING

- ***Improper maintenance or failing to correct a problem before riding can cause a crash in which you can be seriously injured.***
- ***Always perform a pre-ride inspection before every ride and correct if any problem.***

- **Engine oil level**–Add engine oil if required **(page 79)**. Check for leaks.
- **Fuel level**–Ensure sufficient fuel is available in your fuel tank for journey **(page 30)**. Check for leaks.
- **Low fuel indicator**–Vehicle should not be operated with low fuel indicator glowing continuously **(page 25)**.
- **Front brake (Disc variant)**–Check for correct brake fluid level in the master cylinder **(page 26)**.
- **Front and Integrated brakes (Drum variant)**–Check operation and if necessary, adjust free play **(pages 27)**.
- **Rear brake**–Check operation and if necessary, adjust free play **(pages 29)**.
- **Tyres**–Check condition and pressure **(page 32)**.
- **Throttle**–Check for smooth opening and full closing in all steering positions.
- **Lamps and horn**–Check that headlamp, position lamp, tail/stop lamp, turn signal lamps, indicators and horn function properly.
- **Rear view mirror**–Ensure that the rear view mirror gives a good rear view when you are sitting on the vehicle.
- **i3s switch**–Make sure whether the i3s switch is in "ON" or "OFF" position **(page 36).**

- **i3s system**–Make sure that i3s system is functional properly **(page 37).**
- **Fitting & fasteners**–Check & tighten if necessary.
- **Steering**–Check for smooth action for easy maneuverability.
- **Programmed FI malfunction indicator lamp (MIL)**–When the ignition switch is turned "ON" the programmed-FI malfunction indicator lamp (MIL) glows continuously until the vehicle starts.
- **Side stand (Optional)**–Check for proper functionality **(page 54).**

ANTI-THEFT TIPS

- **Always lock the steering and never leave the key in the ignition switch.** This sounds simple but people do forget.
- Be sure the registration information for your vehicle is accurate and current.
- Park your vehicle in a locked garage whenever possible.
- Use an additional anti-theft device of good quality.
- Never park your vehicle in an isolated area. Park as far as possible in a designated parking area.
- Keep a note in your vehicle all the time with your name, address and contact details.

STARTING THE ENGINE

Always follow the proper starting procedure described below. This vehicle has a fuel injected system.

Operate the kick starter or electric starter switch for slightly longer than usual without opening the throttle if the vehicle has been left standing for a long time or when the fuel tank has just been refilled.

NOTE

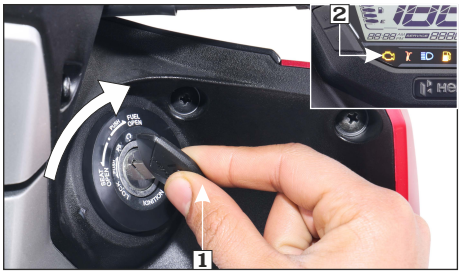
- ***When cranking the engine by using brake & starter switch or brake & slight throttle, cranking of engine will stop after 5 seconds, if engine does not start. After that, brake & starter switch or brake & slight throttle is required to crank the engine.***
- ***In case the engine gets started, cranking (starter relay engagement) of engine will stop after engine reaches 900 r/min.***

Your vehicle's exhaust contains poisonous carbon monoxide gas. High levels of carbon monoxide can collect rapidly in enclosed areas such as a garage. Do not run the engine with the garage door closed. Even with the door open, run the engine only long enough to move your vehicle out of the garage.

! CAUTION

- ***Do not attempt to start the engine and run the vehicle without a battery. This may lead to electrical and electronic components failure.***
- ***This vehicle is equipped with a side stand engine kill feature (page 55).***

- Park the vehicle on its main stand.
- The electric starter will only work when the front or integrated brake lever is operated.
- Turn the ignition switch (1) to "ON" (Ω) position.



(1) Ignition switch (2) Programmed FI malfunction indicator lamp (MIL)

- Confirm that the programmed FI malfunction indicator lamp (MIL) (2) glows continuously and then should go "OFF" once the engine is started.

NOTE

If MIL remains "ON" even if the vehicle is started, there is an abnormality in the programmed FI system. It is recommended to reduce the speed and drive to the Authorised Distributor/Dealer for check-up.

- Make sure whether the i3s switch (3) is in "ON" or "OFF" position.



(3) i3s switch

- **Use starter switch:**
  With the throttle closed, press the starter switch.



NOTE

The engine will not start if the throttle is fully opened as programmed FI system will cut off the fuel supply.

- **Use kick starter:**
  With the throttle closed, operate the kick starter with a rapid and continuous motion.
- Continue warming up the engine until it runs smoothly and responds to the throttle.

⚠ WARNING

- ***Do not leave the vehicle unattended while the engine is warming up.***
- ***Snapping the throttle or fast idling for more than 5 minutes at normal air temperature may cause exhaust pipe discolouration.***

Starting procedure

At any ambient temperature, turn the ignition switch to "ON" position and press the integrated/rear brake lever, now press the starter switch with the throttle completely closed.

NOTE

- ***This vehicle has a fuel-injected engine with an idle air control valve (IACV).***
- ***It is not recommended to start engine with throttle.***
- ***The engine will not start if the throttle is open because the Electronic control unit (ECU) cuts-off the fuel supply.***

Ignition cut off

Your vehicle is designed to automatically stop the engine & fuel pump, if vehicle falls down.

(Bank angle sensor cuts off the ignition).

NOTE

If the vehicle has fallen down, before restarting the engine you must turn the ignition switch to "OFF" (⊗) position and then back to "ON" (○) position.

RUNNING-IN

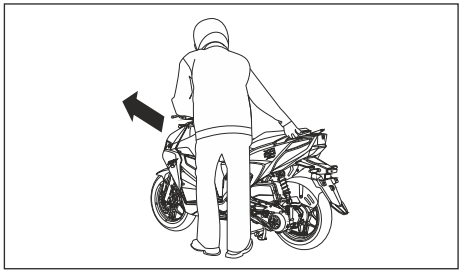
Ensure your vehicle's future reliability and performance by paying extra attention to how you ride during the first 500 km.

During this period, avoid full-throttle starts and rapid acceleration.

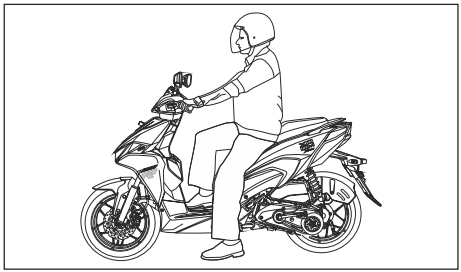
RIDING

Review vehicle safety **(pages 5)** before you ride.

- **Make sure the throttle is closed and the integrated brake is locked** before moving the vehicle off the main stand.
  The rear wheel must be locked when moving the vehicle off the main stand or it may result in loss of control.
- **Stand on the left side of the vehicle** and push it forward off the main stand gripping below the seat using the right hand as shown.



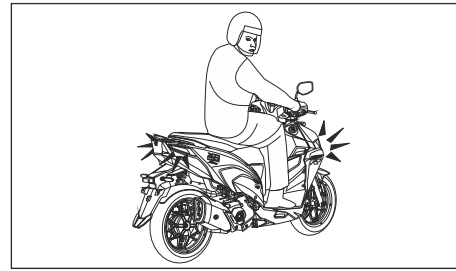
- **Mount the vehicle from the left side** keeping at least one foot on the ground to steady the vehicle.



- **Before starting,** indicate your direction with the turn signals, and check for safe traffic conditions. Grab the handlebars firmly with both hands. Never attempt one-handed operation, this could lead to loss of vehicle control.

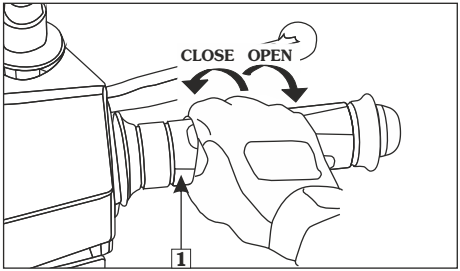
⚠ WARNING

Avoid excessive throttle opening/snapping during idling. It may lead to uncontrolled vehicle movement.

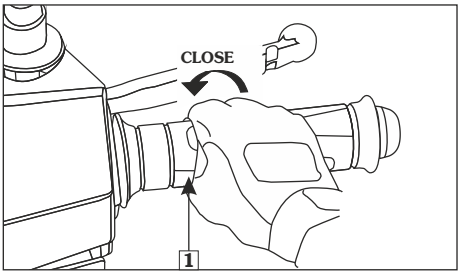


- **To accelerate,** open the throttle (1) gradually, the vehicle will move forward. Do not "BLIP" the throttle (open and close rapidly) as the vehicle will move forward suddenly, causing possible loss of control and loss of fuel economy.

  Do not accelerate with the brakes applied, this may lead to premature wear of brakes and transmission parts.
- **To decelerate**, close the throttle.



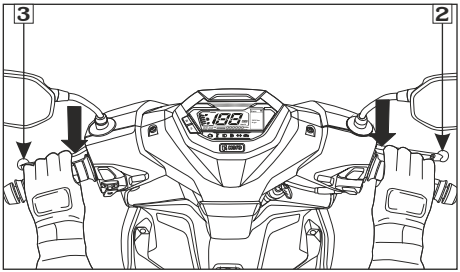
(1) Throttle



(1) Throttle

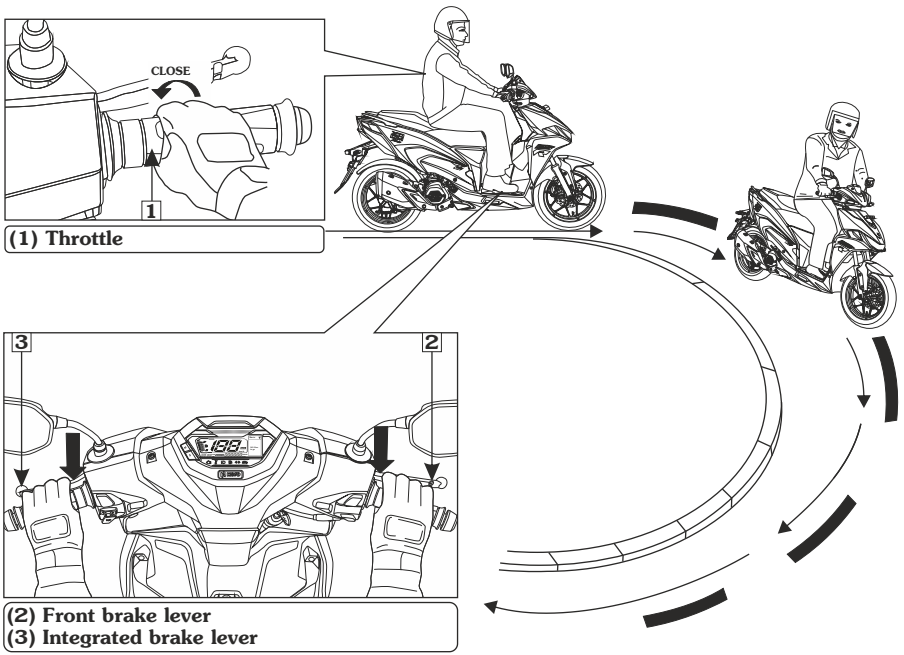
- **When slowing down the vehicle**, coordination of the throttle (1), front brake lever (2) and integrated brake lever (3) is lever (2) and integrated brake lever (3) is most important. To stop the vehicle (in IBS), press the integrated brake lever for the application of front brake and integrated brake simultaneously. However, for more effective braking, it is advised to apply both front brake and integrated brake simultaneously, keeping the throttle in close position.

  Excessive brake application may cause the wheels to lock, reducing control over the vehicle.



(2) Front brake lever
(3) Integrated brake lever

- **When approaching a corner or turn**, close the throttle (1) fully, and slow down the vehicle by applying both front brake lever (2) and integrated brake lever (3) brakes at the same time.
- **After completing the turn**, open the throttle gradually to accelerate the vehicle.

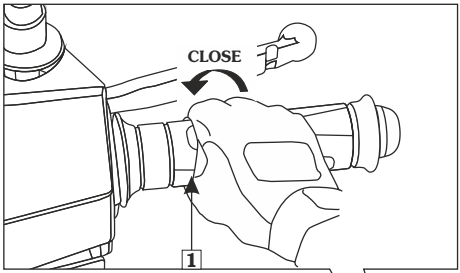


(1) Throttle

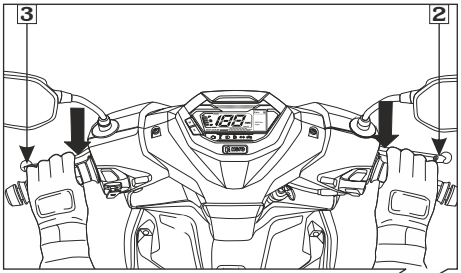
(2) Front brake lever
(3) Integrated brake lever

- **When descending a steep gradient**, close throttle (1) fully and by applying both front brake lever (2) and integrated brake lever (3) brakes at the same time.

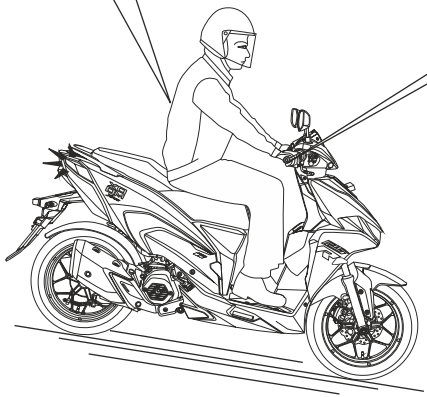
Avoid continuous use of the brakes, which may result in overheating and reduction of braking efficiency.



(1) Throttle



(2) Front brake lever
(3) Integrated brake lever



- **When riding on wet or loose surfaces, be cautious.**
  When riding in wet or rainy conditions or on loose surfaces, the ability to manoeuvre and stop will be reduced.
- For your safety:
  - Exercise extreme caution when braking, accelerating or turning.
  - Ride at slower speeds and allow for extra stopping distance.
  - Keep the vehicle as upright as possible.
  - Be cautious when riding over slippery surfaces such as railway tracks, iron plates, manhole covers, painted lines, etc.

PARKING

- After stopping the vehicle turn the ignition switch to "OFF" (⊗) position.
- Use the main stand to support the vehicle while parked, lock and remove the key.
- Lock the steering to prevent theft.

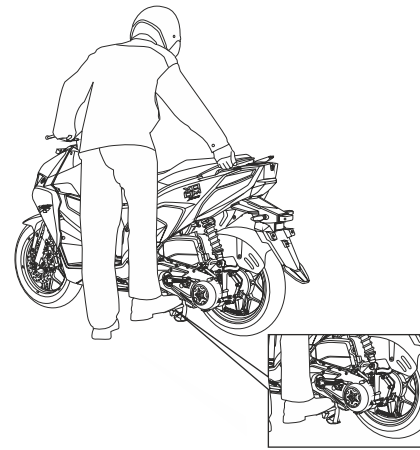
NOTE

- ***Park the vehicle on firm, level surface to prevent it from falling over.***
- ***If you must park on a slight incline, aim the front of the vehicle uphill to reduce the possibility of rolling off the main stand or overturing.***

! CAUTION

The exhaust pipe and muffler become very hot during operation and remain sufficiently hot to inflict burns if touched even after turning off the engine.

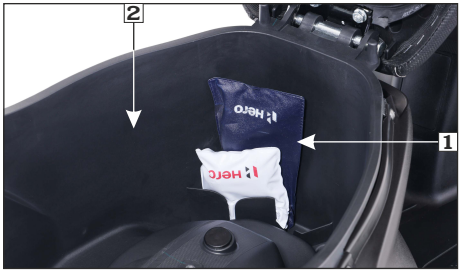
HOW TO USE MAIN STAND



TOOL KIT

The tool kit (1) is located in the center compartment (2).
Some roadside repairs, minor adjustments and parts replacement can be performed with the tools available in the kit.

- Tool bag –1 No
- +,–No. 2 driver–1 No
- Grip–1 No
- Wrench plug 16 mm–1 No
- Spanner 12–14 mm–1 No
- Service tool panel floor–1 No



(1) Tool kit
(2) Center compartment

CLEANING OF VEHICLE

Clean your vehicle regularly to protect the surface finishes and inspect for damage, wear and oil leakage.

Avoid cleaning products that are not specifically designed for vehicle or automobile surfaces. They may contain harsh detergents or chemical solvents that could damage the metal, paint and plastic parts on your vehicle.

If your vehicle is still warm from recent operation, give time for the engine and exhaust system to cool down.

We recommend avoiding the use of high pressure water spray.

! CAUTION

- ***Our authorised dealership take all above mentioned precautions like recommended detergents and usage of muffler caps/plugs during wash to ensure quality wash.***
- ***High pressure water (or air) can damage certain parts of the vehicle.***

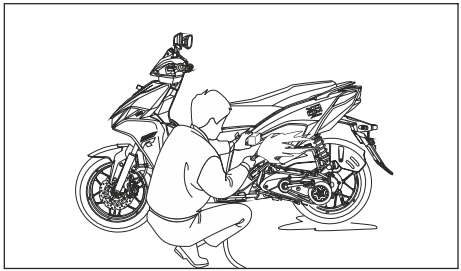
WASHING OF VEHICLE

- Rinse the vehicle thoroughly with water to remove loose dirt.
- Clean the vehicle with a sponge or soft cloth using water.
- Avoid directing water to muffler outlets and on electrical parts.
- Clean the plastic parts using a cloth or sponge dampened with a solution of mild detergent and water. Rub the soiled area gently rinsing it frequently with fresh water.

NOTE

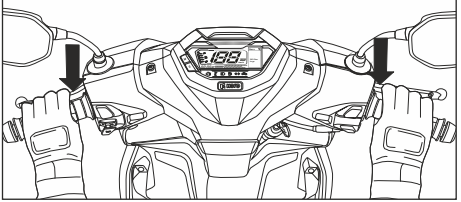
- ***Take care to keep brake fluid or chemical solvents off the vehicle. They will damage the plastic and painted surfaces.***
- ***The inside of the headlamp lens may be clouded immediately after washing the vehicle. Moisture condensation inside the headlamp lens will disappear gradually by lighting the headlamp in high beam.***

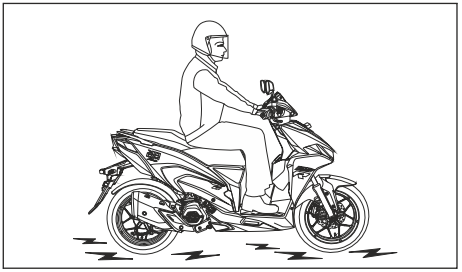
- After cleaning, rinse the vehicle thoroughly with plenty of clean water. Strong detergent residue can corrode alloy parts.
- Dry the vehicle with pressurized air, start the engine and let it run for several minutes.



- Test the brakes before riding the vehicle. Several applications may be necessary to restore normal braking performance.

TEST BRAKES





- Braking efficiency may be temporarily impaired immediately after washing the vehicle.
- Anticipate longer stopping distance to avoid a possible accident.

MAINTENANCE

Importance of maintenance

A well-maintained vehicle is essential for safe, economical and trouble-free riding. It will also help reduce air pollution.

To help you to take proper care for your vehicle, the following pages include a maintenance schedule and a maintenance record for regular scheduled maintenance.

These instructions are based on the assumption that the vehicle will be used exclusively for its designed purpose.

Sustained high speed operation or operation in unusually wet or dusty conditions will require more frequent service than specified in the maintenance schedule. Consult your Authorised Distributor/Dealer for recommendations applicable to your individual needs and use.

If your vehicle overturns or is involved in a crash, be sure that you visit your Authorised Distributor/Dealer for detailed inspections.

⚠ WARNING

- ***Improperly maintaining this vehicle or failing to correct a problem before you ride can cause an accident in which you can be seriously injured.***
- ***Always follow the inspection and maintenance recommendations and schedules in this owner's manual.***

Maintenance safety

This section includes instructions on some important maintenance tasks. You can perform some of these tasks with the tools provided (if you have basic mechanical skills).

Other tasks that are more difficult and require special tools are best performed by professionals.

It is recommended that wheel removal should normally be handled by a Authorised Distributor/Dealer

You will come across some of the most important safety precautions in the following pages of this manual.

However, we cannot warn you of every conceivable hazard that can arise in performing maintenance. Only you can decide whether or not you should perform a given task.

⚠ WARNING

- ***Failure to follow maintenance instructions and precautions properly can seriously injure you.***
- ***Always follow the procedures and precautions in this owner's manual.***

SAFETY PRECAUTIONS

- Make sure the engine is "OFF" before you begin any maintenance or repair. This will help to eliminate several potential hazards:
  - **Carbon monoxide poisoning from engine exhaust.**
    Be sure there is adequate ventilation whenever you operate the engine.
  - **Burns from hot parts.**
    Let the engine and exhaust system cool before touching.
  - **Injury from moving parts.**
    Do not run the engine unless instructed to do so.
- Read the instruction before you begin and make sure you have the tools and skills required.
- To help prevent the vehicle from falling over, park it on a firm, level surface on the main stand.
- Be sure that the integrated brake is locked by lever lock (Drum variant) before running the engine, while the vehicle is parked on the main stand. This will prevent the rear wheel from rotating and avoid the possibility of someone being injured from contacting the wheel.
- To reduce the possibility of a fire or explosion, be careful when working around petrol or batteries. Use only nonflammable solvent, not petrol, to clean parts. Keep cigarettes, sparks and flames away from the battery and all fuel-related parts.

Remember that your Authorised Distributor/Dealer knows your vehicle best and is fully equipped to maintain and repair it.

To ensure best quality and reliability, it is recommended to use Hero MotoCorp genuine parts for repair and replacement.

MAINTENANCE SCHEDULE

Perform the pre-ride inspection **(page 60)** at each scheduled maintenance period.

I: INSPECT C: CLEAN R: REPLACE A: ADJUST (IF REQUIRED) L: LUBRICATE T: TOP UP E: EMISSION CHECK

The following maintenance schedule specifies all maintenance required to keep your vehicle in peak operating condition. Maintenance work should be performed in accordance with standards and specifications of Hero MotoCorp by properly trained and equipped technicians. Your Authorised Distributor/Dealer meets all of these requirements.

Ensure that each paid service is availed within 90 days or 3000 km from the date of previous service, whichever is earlier.

- To be serviced by your Authorised Distributor/Dealer unless the owner has the relevant tools, technical information and is technically qualified.
- In the interest of safety, we recommend that these jobs are carried out only by your Authorised Distributor/Dealer.

Note-1 : At higher odometer readings, repeat the frequency interval established here.

Note-2 : Throttle play to be checked and adjusted as per given specification.

Note-3 : Replace air cleaner element once in every 15000 km or early replacement may be required when riding in dusty areas.
*At 12000 km inspect if air cleaner element (viscous type) is choked. If found choked, replace the air cleaner element to keep the engine healthy.
*Replace at any point of time, if pre foam and viscous element found damaged.

Note-4 : Service more frequently when riding in rain or at full throttle.

Note-5 : Replace once in every 12000 km.

Note-6 : Replace engine oil once in every 6000 km. Top up if the oil level is at or near the lower level mark.

Note-7 : Replace once in every 10000 km or once in a year, whichever is earlier. Replacement requires mechanical skill.

Note-8 : Replace once in every two years or 30000 km, whichever is earlier.

Note-9 : Replace drive belt once in every 24000 km.

Note-10 : Replace the front fork oil once in every 2 years or 20000 km, whichever is earlier.

Note-11 : Inspect for any play in the rear suspension mounting bushes, replace if necessary.

Note-12 : Inspect the bearings free play, replace if necessary.

Note-13 : Check CO emission at idle.

Note-14 : Inspect the canister hoses for deterioration, damage or loose connections and canister for cracks or other damages.

Note

- Always wipe the water from the vehicle after washing. Use clean soft cloth or pressurized air for completely drying the water.
- Always replace gaskets, O-rings, circlips, rubber washers and cotter pins with new one once removed.

Replacement of parts (e.g filters, etc.) and consumables (e.g engine oil, etc.) during paid or free service are at customer's expenses.

MAINTENANCE SCHEDULE

Dear Customer,

We would strongly recommend the following schedule, to keep your vehicle in perfect running condition and healthy environment. vehicle subjected to severe use or ridden in dusty area will require more frequent servicing.

		SERVICE	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th
		DAYS	1st 60	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90
		KM NOTE-1	500-750	3000-3500	6000-6500	9000-9500	12000-12500	15000-15500	18000-18500	21000-21500	24000-24500	27000-27500	30000-30500
	Fuel Lines		I	I	I	I	I	I	I	I	I	I	I
🔧	Throttle Operation	Note-2	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A
	i3s System		I	I	I	I	I	I	I	I	I	I	I
🛠	Fuel Tank Lid Cover Operation		I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A
	Air Cleaner Element (Pre foam type)	Note-3		I, C	I, C	I, C	I, R*	I, C	I, C	I, C	I, C	I, R*	R
	Air Cleaner Element (Viscous type)	Note-3		I	I	I	I, R*	I	I	I	I	I, R*	R
	Drain/Crankcase Breather Tube	Note-4	I, C	I, C	I, C	I, C	I, C	I, C	I, C	I, C	I, C	I, C	I, C
	Spark Plug	Note-5	I, C, A	I, C, A	I, C, A	I, C, A	R	I, C, A	I, C, A	I, C, A	I, C, A	R	I, C, A
🛠	Valve Clearance		I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A
	Engine Oil	Note-6	R	T	R	T	R	T	R	T	R	T	R
🛠	Engine Oil Strainer Screen		C		C		C		C		C		C
	Final Drive Oil	Note-7				R							
🔧	Brake System		C, L	C, L	C, L	C, L	C, L	C, L	C, L	C, L	C, L	C, L	C, L
	Front Brake Lever Free Play (Drum variant)		I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A
	Integrated Brake Lever Free Play		I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A
	Brake Shoe Wear			I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A	I, A
🛠	Brake Pad Wear (Disc variant)			I	I	I	I	I	I	I	I	I	I

ITEMS		SERVICE	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th
		DAYS	1st 60	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90
		KM NOTE-1	500-750	3000-3500	6000-6500	9000-9500	12000-12500	15000-15500	18000-18500	21000-21500	24000-24500	27000-27500	30000-30500
	Brake Fluid (Disc variant)	Note-8	I, T	I, T	I, T	I, T	I, T	I, T	I, T	I, T	I, T	I, T	I, T
	Lever Lock Operation (Drum variant)		I	I	I	I	I	I	I	I	I	I	I
	Battery Voltage		I	I	I	I	I	I	I	I	I	I	I
	Stop Lamp Switch		I	I	I	I	I	I	I	I	I	I	I
	Headlamp Focus		I	I	I	I	I	I	I	I	I	I	I
	Belt Case/Kick Starter Driven Gear		C, L	C, L	C, L	C, L	C, L	C, L	C, L	C, L	C, L	C, L	C, L
	Drive Belt	Note-9			I		I		I		I		I
	Clutch Shoe Wear				I		I		I		I		I
	Nut, Bolt & Fasteners		I	I	I	I	I	I	I	I	I	I	I
	Front Suspension/Oil	Note-10	I	I	I	I	I	I	I	I	I	I	I
	Rear Suspension	Note-11	I	I	I	I	I	I	I	I	I	I	I
	Wheel/Tyres		I	I	I	I	I	I	I	I	I	I	I
	Wheel Bearings	Note-12	I	I	I	I	I	I	I	I	I	I	I
	Steering Head Bearings		I, A	I, A	I, A	I, A	I, L, A	I, A				I, L, A	
	Main Stand		L	L	L	L	L	L					
	Side Stand (Optional)		L	L	L	L	L	L					
	Side Stand Switch (Optional)		I, C	I, C	I, C	I, C	I, C	I, C					
	Muffler (Catalytic Converter)	Note-13			I, E		I, E			I, E			
	Evaporative Emission Control System	Note-14	I	I	I	I	I	I	I	I	I	I	I

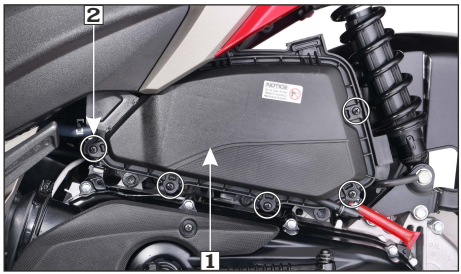
AIR CLEANER ELEMENT

Refer to the safety precautions **(page 72)**.

The air cleaner element is of pre foam and viscous type, it should be replaced at regular intervals **(pages 73)**. Early replacement may be required when riding in unusually wet or dusty areas.

Removal

- Remove the air cleaner cover (1) by removing the screws (2).



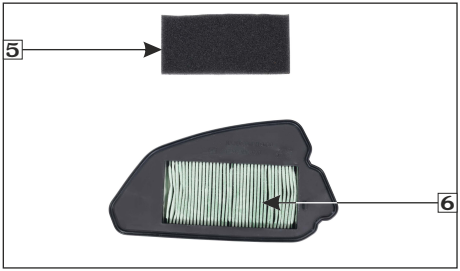
(1) Air cleaner cover **(2) Screws**

- Remove the air cleaner element holder component (3) from air cleaner sub assembly case (4).



(3) Air cleaner element holder component
(4) Air cleaner sub assembly case

- Separate the pre foam element (5) from the air cleaner assembly.

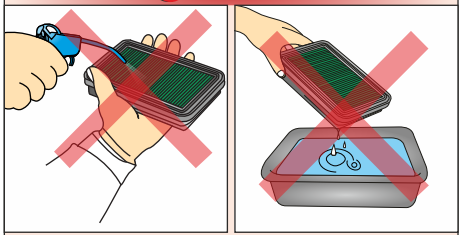


(5) Pre foam element
(6) Viscous air cleaner element

Viscous air cleaner element inspection

- Inspect the viscous air cleaner element (6) for any dust or dirt accumulation.
- Replace the element, if found choked. Refer maintenance schedule **(page 73)**.

! CAUTION



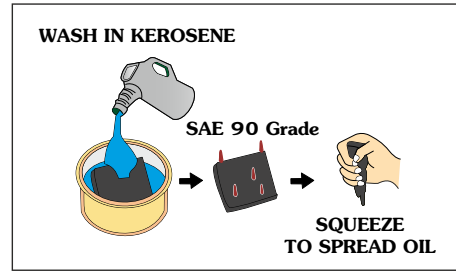
- ***Do not blow compressed air.***
- ***Do not wash using any solvent.***

Pre foam element

The pre foam element should be serviced at regular intervals **(page 73)**. Service more frequently when riding in unusually wet or dusty areas.

Cleaning

- Wash the pre foam element in kerosene.
- Spread 5ml (4 to 5 drops) of SAE 90 grade at different locations on pre foam element.
- Squeeze it in a manner so that oil will spread on complete surface of pre foam element.



! CAUTION

Do not wring the filter element with both hands.

NOTE

- ***Replace air cleaner element once in every 15000 km or early replacement may be required when riding in dusty areas.***
- ***At 12000 km inspect if air cleaner element (viscous type) is choked. If found choked, replace the air cleaner element to keep the engine healthy.***
- ***Replace pre foam element or viscous element at any point of time, if found damage.***

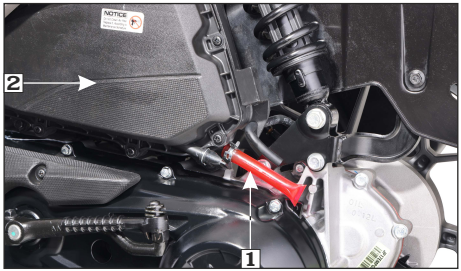
Installation

- Clean the air cleaner sub assembly case (4) using a shop towel.
- Install the pre foam element.
- Install the air cleaner element holder component (new, in case of replacement).
- Install the air cleaner cover.

AIR CLEANER DRAIN TUBE CLEANING

Refer to the safety precautions **(page 72)**.

- Remove the drain tube (1) from the air cleaner assembly (2) and drain deposits in to a suitable container.
- Reinstall the drain tube.



(1) Drain tube **(2) Air cleaner assembly**

Service more frequently when riding in rain, at full throttle or after the vehicle is washed or overturned. Service if the deposit level can be seen in the transparent section of the drain tube.

THROTTLE OPERATION

Cable inspection

Check for smooth rotation of the throttle grip from the fully open to the fully closed position. Check at full left and full right steering positions. Inspect the condition of the throttle cable from the throttle grip down to the throttle body.

If the cable is kinked, chafed or improperly routed, it should be replaced or rerouted.

Standard throttle grip free play (1) is approximately 2–6 mm of grip rotation.

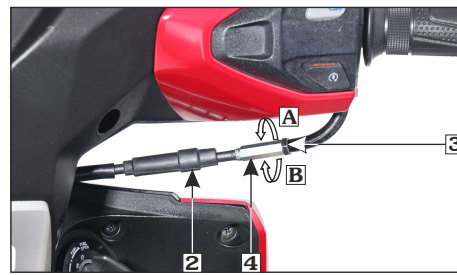


(1) Free play: 2–6 mm

Free play adjustment

(a) At handlebar side

Slide the boot (2), loosen the lock nut (3) and turn the adjuster (4).

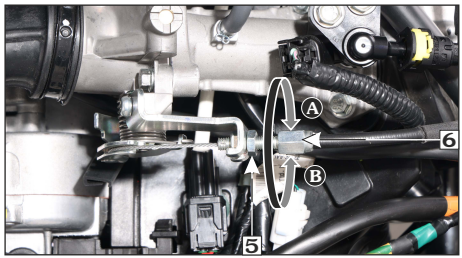


(2) Boot **(3) Lock nut**
(4) Adjuster
(A) Decrease free play **(B) Increase free play**

(b) At throttle body side

Remove the center compartment **(page 56)**.

Loosen the lock nut (5). Turn the adjusting nut (6) to obtain the specified free play. Tighten the lock nut and check the adjustment.



(5) Lock nut **(6) Adjusting nut**
(A) Decrease free play **(B) Increase free play**

ENGINE OIL

Use hero genuine engine oil or recommended grade oil.

BRAND : Hero 4T plus

GRADE : SAE 10W 30 SL Grade (JASO MB)

Manufactured by:

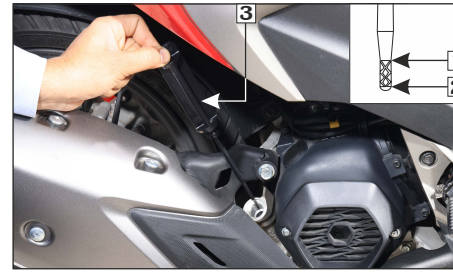
- Tide Water Oil Co. (India) Ltd.
- Savita Oil Technologies Limited.
- Bharat Petroleum Corporation Limited.

Oil Capacity: 0.80 litre at disassembly
: 0.70 litre at disassembly

Engine oil level check

Check the engine oil level each day before riding the vehicle.

The level must be maintained between the upper (1) and lower (2) level marks on the oil level dipstick (3).



(1) Upper level mark **(2) Lower level mark**
(3) Oil level dipstick

- Park the vehicle on its main stand on a level surface.
- Start the engine and let it idle for few minutes.
- Stop the engine and wait for few seconds.
- Remove the oil level dipstick, wipe it clean and reinsert the oil level dipstick without screwing it in.
- Remove the oil level dipstick and check if the oil level is between the upper and lower marks.
- If required, add recommended oil up to the upper level mark. Do not overfill.

• Reinstall the oil level dipstick. Check for oil leaks.

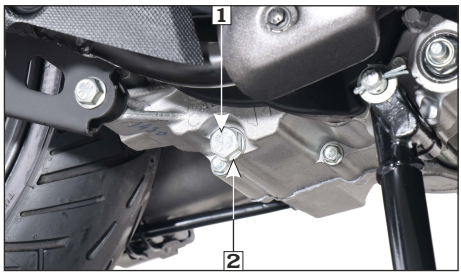
NOTE

- ***Running the engine with insufficient oil may cause engine damage.***
- ***Top up if required after every 3000 km.***

Engine oil replacement/ Oil strainer cleaning

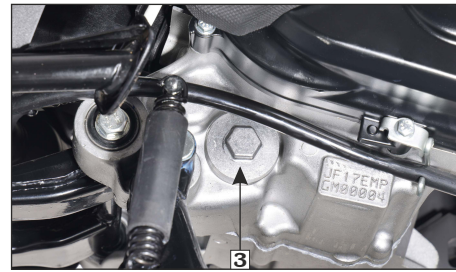
Change the engine oil with the engine at normal operating temperature and the vehicle on its main stand to assure complete and rapid draining.

- Remove the oil level dipstick.
- Place an oil drain pan under the crankcase and remove the oil drain bolt (1) and sealing washer (2).



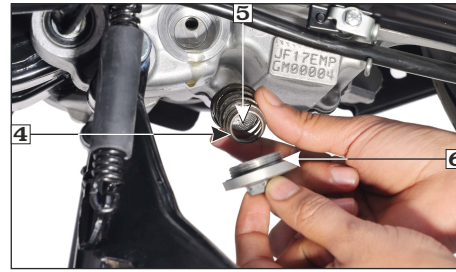
(1) Drain bolt (2) Sealing washer

- Remove the oil strainer screen cap (3).



(3) Oil strainer screen cap

- The spring (4) and oil strainer screen (5) will come out when the oil strainer screen cap is removed.
- Clean the oil strainer screen.
- Check that the oil strainer screen, sealing rubber and cap O-ring (6) are in good condition.



(4) Spring (5) Oil strainer screen (6) O-ring

- Install the oil strainer screen, spring and oil strainer screen cap. Install the drain bolt with new sealing washer.
- Mount the rear brake cable to the guide.
- Fill crankcase with the recommended grade of oil:

  At draining: 0.70 litre

  At engine disassembly: 0.80 litre
- Install the oil level dipstick.
- Start the engine and let it idle for 2-3 minutes. Stop the engine and ensure that the oil level is at the upper level mark on the oil level dipstick with the vehicle upright on flat level surface. Ensure there are no oil leaks.

! CAUTION

- ***Engine oil quality is the chief factor affecting engine service life. Replace and top-up the engine oil as specified in the maintenance schedule (pages 73).***
- ***When running in very dusty conditions, oil changes should be performed more frequently than specified in the maintenance schedule.***

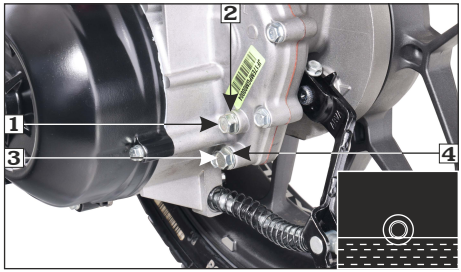
! WARNING

- ***Please dispose used engine oil in a manner that is compatible with the environment. We suggest you take it in a sealed container to your local recycling center or service station for reclamation. Do not throw it in the trash or pour it on the ground or down a drain.***
- ***Used engine oil may cause skin disease if repeatedly left in contact with the skin for prolonged periods. Although this is unlikely unless you handle used oil on a daily basis, it is still advisable to thoroughly wash your hands with soap and water as soon as possible after handling used oil.***

FINAL DRIVE OIL REPLACEMENT

The final drive oil should be replaced as per the maintenance schedule. Replacement requires mechanical skill. It is suggested to get it replaced by Authorised Distributor/Dealer Park the vehicle on its main stand on a level surface.

- Start the engine and let it idle for 3-5 minutes.
- Stop the engine and wait for 2-3 minutes.
- Remove the oil level check bolt (1) with sealing washer (2).
- Remove the drain bolt (3) with sealing washer (4), slowly turn the rear wheel and drain the oil.
- After the oil is completely drained, install the oil drain bolt with a new sealing washer.



(1) Check bolt (2) Sealing washer
(3) Drain bolt (4) Sealing washer

- Fill the transmission case with recommended oil through the check bolt hole up to the bottom edge of the bolt hole.

GRADE : SAE 10W 30 SL Grade (JASO MB)

At draining : 0.10 Litre

At transmission disassembly: 0.12 Litre

- Install the oil level check bolt with a new sealing washer and tighten it.

WARNING

- ***While refilling the oil make sure that no foreign material enters the final drive transmission.***
- ***Make sure that no oil gets on the tyre or wheel.***

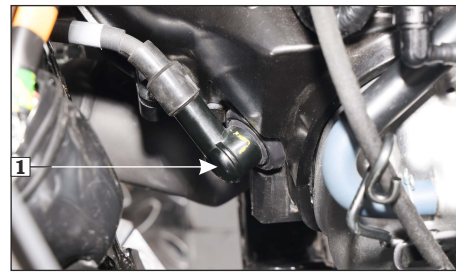
SPARK PLUG

Refer to the safety precautions **(page 72)**.

Recommended spark plug.

Champion-RG8YC (Federal Mogul)

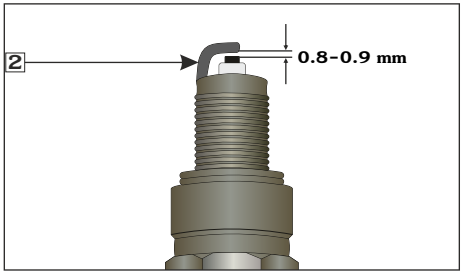
- Remove the center compartment **(page 56)**.
- Disconnect the noise suppressor cap (1) from the spark plug.



(1) Noise suppressor cap

- Clean any dirt around the spark plug base.
- Remove the spark plug using the wrench plug provided in the tool kit.
- Inspect the electrodes and center porcelain for deposits, erosion or carbon fouling. If the erosion or deposit is heavy, replace the plug. Clean carbon or wet fouled plug with a plug cleaner.
- Check the spark plug gap using a wire-type feeler gauge. If adjustment is necessary, bend the side electrode (2) carefully.

- With the plug washer attached, thread the spark plug in by hand to prevent cross threading.



(2) Side electrode

- Tighten a new spark plug 1/2 turn with a wrench plug to compress the washer. If you are reusing a plug, it should only take 1/8-1/4 turn after the plug seats.
- Reinstall the noise suppressor cap.

⚠ WARNING

- ***Never use a spark plug with an improper heat range. Severe engine damage could result.***
- ***The spark plug must be securely tightened. An improperly tightened plug can become very hot and possibly damage the engine.***

BRAKE SHOE WEAR

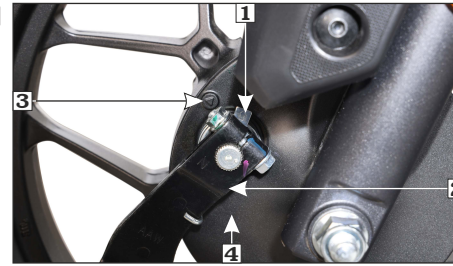
Refer to the safety precautions **(page 72)**.

The front and integrated brakes are equipped with brake wear indicators.

When the brake is applied, an arrow mark (1) on the brake arm (2) moves towards a reference mark (3) on the brake panel (4).

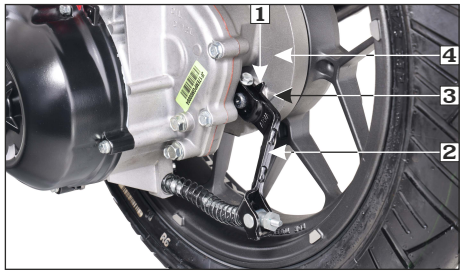
If the arrow aligns with the reference mark on full application of the brake, the brake shoes must be replaced. Visit your Authorised Distributor/Dealer for this service.

Front/Integrated brake (Drum variant)



(1) Arrow (2) Integrated brake arm
(3) Reference mark (4) Brake panel

Rear brake



(1) Arrow	**(2) Brake arm**
(3) Reference mark	**(4) Brake panel**

BATTERY

Refer to the safety precautions **(page 72)**.
Battery is located under the floor panel.

Specification:

12V-4Ah/ETZ-5 *MF Battery

It is not necessary to check the battery electrolyte level or add distilled water as the battery is of **Maintenance-Free (sealed)** type. If your battery seems weak and/or electrolyte is leaking (causing hard starting or other electrical troubles), contact your Authorised Distributor/Dealer.

***MF stands for Maintenance Free**

NOTE

This symbol on the battery means that this product must not be treated as household waste.

This symbol on the battery means the old battery must be returned to your* Authorised Distributor/Dealer *as it must be treated as recyclable material.

- ***Battery is a Maintenance-Free (sealed) type and can be permanently damaged if the sealing strip is removed.***
- ***An improperly disposed battery can be harmful to the environment and human health. Always confirm local regulations for battery disposal.***

Battery charging

Always visit your Authorised Distributor/Dealer if you see any symptom of battery discharge as earliest as possible to get the battery charged. The battery has a tendency to discharge rapidly if any additional electrical accessories are fitted on your vehicle.

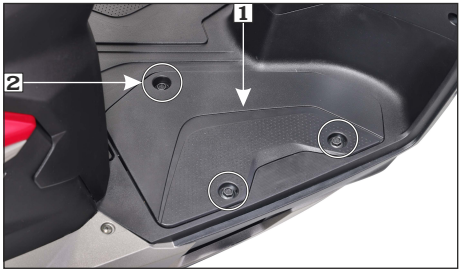
Battery storage

- If in case your vehicle is not used for more than a month remove the battery, fully charge and store in a cool and dry place.
- If the battery is expected to be stored for more than two months, ensure to fully charge the battery once in a month.
- Always ensure the battery is fully charged before installation.

- Ensure the battery leads are properly connected to the battery terminals during installation.

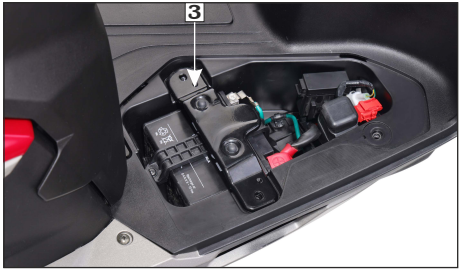
Battery removal

- Remove the battery cover (1) by removing its three mounting bolts (2).



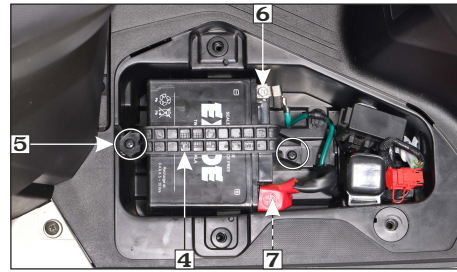
(1) Battery cover **(2) Bolts**

- Remove the floor panel stay (3).



(3) Floor panel stay

- Remove the battery clamp (4) by removing its screws (5).
- Disconnect the (–)ve terminal lead (6) from the battery first, then disconnect the (+)ve terminal lead (7).



(4) Battery clamp **(5) Screws**
(6) (–)ve terminal **(7) (+)ve terminal**

- Remove the battery (8).



(8) Battery

Battery installation

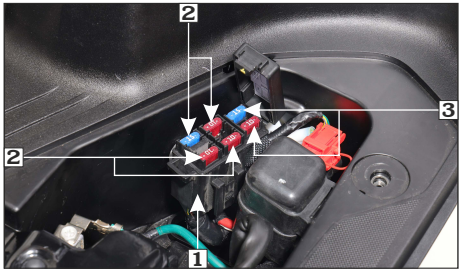
- Reinstall in the reverse order of removal. Be sure to connect the positive (+)ve terminal first, then the negative (–)ve terminal.
- Check the bolts and other fasteners are secured.

FUSE REPLACEMENT

The fuse box (1) is placed adjacent to the battery under the floor panel which consist of main and spare fuses.

Main fuse (2) : 15A, 10A, 10A and 10A

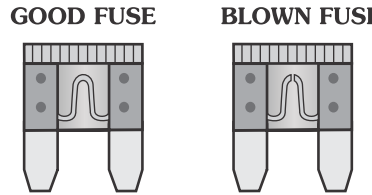
Spare fuse (3) : 15A and 10A



(1) Fuse box
(2) Main fuse : 15A, 10A, 10A & 10A
(3) Spare fuse: 15A & 10A

⚠ WARNING

- ***Never use a fuse with a different rating from that specified. It may lead to serious damage to the electrical system or a fire due to short circuit.***
- ***Battery gives off explosive gases. Keep sparks, flames & cigarettes away.***



! CAUTION

- ***Do not attempt to start or ride the vehicle without a charged battery, it can cause fusing of the LEDs and permanent damage to certain electrical components.***
- ***Turn the ignition switch "OFF" before checking or replacing the fuse to prevent accidental short-circuiting.***
- ***If the replacement fuse of the same rating burns out in a short time, there is probably a serious electrical problem on your vehicle. Leave the blown fuse in that circuit and have your vehicle checked by your Authorised Distributor/Dealer.***

SUSPENSION

Inspection

- Check the front forks by locking the front brake and pumping the front fork up and down vigorously. The suspension action should be smooth and there should be no oil leakage.



- Check the rear shock absorber by pushing hard downwards on rear grip while the vehicle is not parked on stand. The vehicle action should be smooth and there should be no oil leakage.

BULB REPLACEMENT

Refer to the safety precautions **(page 72)**.

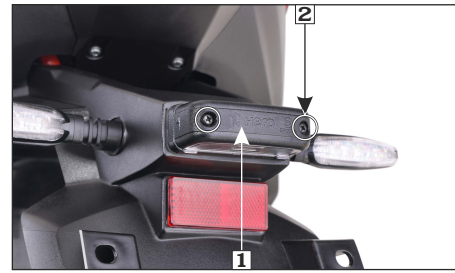
The bulb becomes very hot while the lamp is "ON", and remains hot for a while after it is turned "OFF". Be sure to let it cool down before servicing.

Wear clean gloves while replacing the bulb. If you touch the bulb with your bare hands, clean it with a cloth moistened with alcohol to prevent its early failure.

- Be sure to turn the ignition switch "OFF" when replacing the bulb.
- Do not use bulbs other than that specified.
- After installing a new bulb, check that the lamp operates properly.

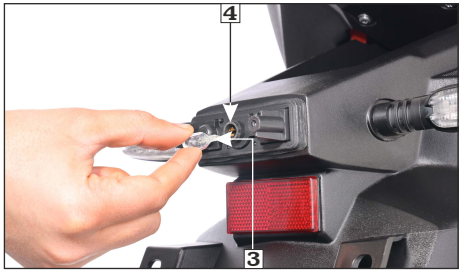
Licence plate lamp bulb

- Remove the licence plate lamp cover (1) by removing the screws (2)

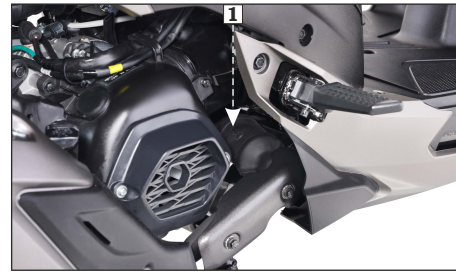


(1) Licence plate lamp cover (2) Screws

- Remove the licence plate lamp bulb (3) from the bulb holder (4).



(3) Bulb (4) Bulb holder



(1) Catalytic converter

- Install a new licence plate lamp bulb in the reverse order of removal.

CATALYTIC CONVERTER

This vehicle is equipped with the catalytic converter (1) in the muffler to meet the emission norms.

The catalytic converter contains precious metals that serve as catalysts, promoting chemical reactions to convert the exhaust gasses without affecting the metals. The catalytic converter acts on HC, CO and NOx.

The catalytic converter must operate at a high temperature for the chemical reactions to take place. It can set on fire any combustible material that come near it. Park your vehicle away from high grasses, dry leaves, or other flammable material.

A defective catalytic converter contributes to air pollution and can impair your engine's performance.

Follow these guidelines to protect your vehicle's catalytic converter.

- Always use unleaded petrol. Even a small amount of leaded petrol can contaminate the catalyst metals, making the catalytic converter ineffective.
- Keep the engine in good running condition. A poorly running engine can cause the catalytic converter to overheat.
- If your engine is misfiring, backfiring, stalling, or otherwise not running properly, stop riding and turn "OFF" the engine. Have your vehicle serviced as soon as possible.

EVAPORATIVE EMISSION CONTROL SYSTEM

This vehicle is equipped with an evaporative emission control system to meet emission standards. During warm weather, the petrol vapours which contain HC evaporates easily into the atmosphere from the fuel tank, if the fuel system is unsealed or open. The evaporative emission control system is used to prevent petrol vapours from escaping into the atmosphere from fuel tank. The canister (1) collects the fuel vapour from the fuel tank and then the fuel vapour is drawn into the engine for re-burning to avoid pollution caused by the fuel vapour diffused into the air.



(1) Canister

POLISHING OF VEHICLE

After washing your vehicle, wax all painted surfaces (except matte painted surfaces) using a commercially available polish/quality liquid or paste wax to finish the job. Use only a non abrasive polish or wax made specifically for automobiles. Apply the polish or wax according to the instructions on the container.

NOTE

Polishing or waxing is not applicable for models having matte finish paint.

REMOVING ROAD SALT

The road may contain salt which was sprayed as an anti freezing agent during winter, and the seawater are the causes of rust.

Wash your vehicle when run on such conditions by the following the point mentioned below, Clean the vehicle using cold water **(page 69)**. Do not use warm water. This worsens the effect of the salt.

STORAGE GUIDE

Extended storage, such as for winter, requires that you take certain steps to reduce the effects of deterioration from non use of the vehicle. In addition, necessary repairs should be made before storing the vehicle, otherwise these repairs may be forgotten by the time the vehicle is removed from storage.

(a) Storage

- Change the engine oil.
- Empty the fuel tank into an approved petrol container using a commercially available hand siphon or an equivalent method.
- Spray the inside of the tank with an aerosol rust inhibiting oil.
- Reinstall the fuel filler cap on the tank.

⚠ WARNING

Petrol is highly flammable and explosive. You can be burned or seriously injured when handling fuel.

- ***Stop the engine and keep heat, sparks, and flame away.***
- ***Refuel only outdoors.***
- ***Wipe up spills immediately.***

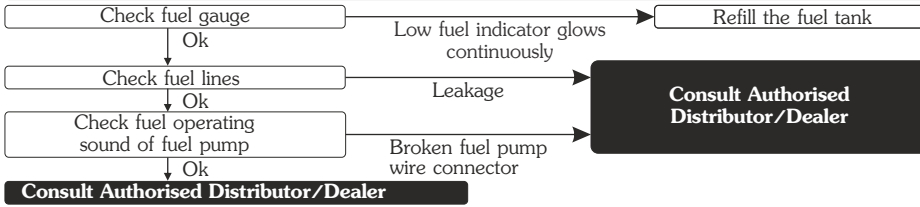
- To prevent rusting in the cylinder, perform the following:
  (a) Remove the noise suppressor cap from the spark plug. Using tape or string, secure the cap to any convenient plastic body part so that it is positioned away from the spark plug.
  (b) Remove the spark plug from the engine and store it in a safe place. Do not connect the spark plug to the noise suppressor cap.
  (c) Pour a tablespoon (15-20 ml) of clean engine oil into the cylinder, and cover the spark plug hole with a piece of cloth.
  (d) Crank the engine several times to distribute the oil.
  (e) Reinstall the spark plug and noise suppressor cap.
- Remove the battery. Store in an area protected from freezing temperatures and direct sunlight. Charge the battery once a month.
- Wash and dry the vehicle. Wax all painted surfaces. Coat chrome plated parts with rust inhibiting oil.
- Inflate the tyres to their recommended pressures. Park the vehicle on blocks to raise both tyres off the ground.
- Cover the vehicle (don't use plastic or other coated materials) and store in an unheated area, free of dampness with a minimum of daily temperature variation. Do not store the vehicle in direct sunlight.

(b) Removal from storage

- Uncover and clean the vehicle. Change the engine oil if the vehicle has been stored for more than 4 months.
- Check the battery voltage and charge the battery as required. Install the battery.
- Drain any excess aerosol rust inhibiting oil from the fuel tank. Fill the fuel tank with fresh petrol.
- Perform all pre-ride inspection checks **(page 60)**. Test ride the vehicle at low speeds in a safe riding area away from traffic.

1. STARTING TROUBLE – ENGINE DOES NOT START

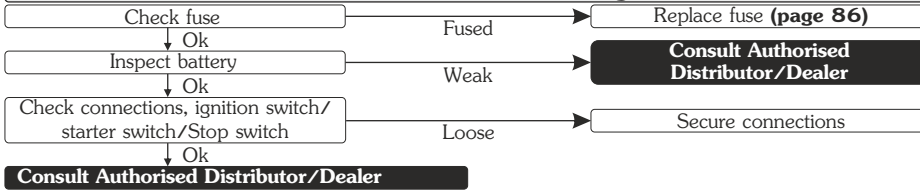
A. Fuel System



B. Side Stand Engine Kill System (Optional)



C. Electric Starter Not Working



D. No Spark At Spark Plug

Check ignition switch → "OFF" → Turn ignition switch "ON"

Ok

Check spark plug for fouling/ Improper electrode gap → No spark → Replace spark plug/adjust Spark plug gap (0.8–0.9 mm)

Ok

Check for poorly connected Or loose spark plug wire → Loose contact → Secure properly

Ok

Consult Authorised Distributor/Dealer

2. ENGINE STARTS BUT STALLS

Check fuel lines → Leakage/Air lock

Ok

Check pre foam element → Dirty/Clogged

Ok

Check viscous element → Dirty/Clogged

Ok

Consult Authorised Distributor/Dealer

Consult Authorised Distributor/Dealer

3. POOR PICK UP

Spark plug loose in cylinder head → Loose → Tighten the spark plug

Ok

Check pre foam element → Dirty/Clogged

Ok

Check air cleaner element → Dirty/Clogged

Ok

Check brake binding → Improper Adjustment → Readjust free play of rear brake lever

Ok

Check tyre inflation pressure → Under inflated → Correct tyre pressure

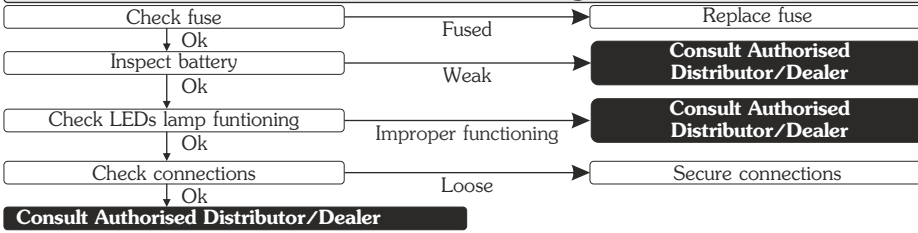
Ok

Consult Authorised Distributor/Dealer

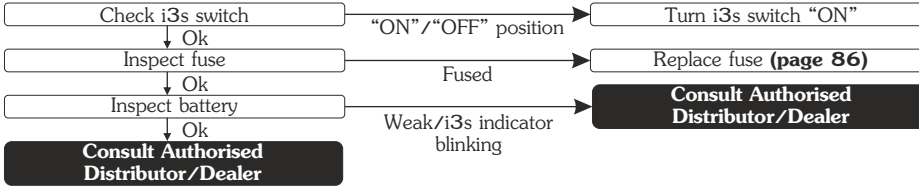
Consult Authorised Distributor/Dealer

4. ELECTRICAL SYSTEM

Feeble horn sound or no light



5. i3s SYSTEM



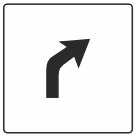
NAVIGATION SIGNS

Navigation signs: Hero App and meter console of your vehicle will display step by step navigation guidance/direction through below navigation signs when your vehicle is in navigation mode with your smartphone.


Turn Left


Turn Right


Turn Slight Left

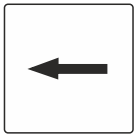

Turn Slight Right

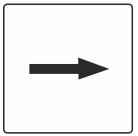

Turn Sharp Left

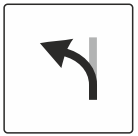

Turn Sharp Right

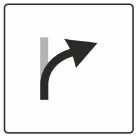

Straight


Merge


Keep Left


Keep Right

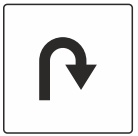

Ramp Left


Ramp Right


Round About Left


Round About Right


U Turn Left


U Turn Right


Fork Left


Fork Right


Ferry


Ferry Train


Destination Reached



Wrong way

CUSTOMER'S COPY

Hero MotoCorp Ltd.

DELIVERY CERTIFICATE

I certify having taken delivery of one Hero MotoCorp **Xoom 125R Xtec PROGRAMMED FI** vehicle bearing the following particulars:-

Engine No. _____

VIN _____

Colour/Model _____ **Key No.** _____

Allotment No. _____ **Date of Sale** _____

Customer's Name _____

I have been explained by the dealer about correct and safe driving habits, warranty terms and conditions, service schedules and maintenance tips.

Customer's Copy

Hero MotoCorp Ltd.

Alongwith the vehicle I have also received the following:-

1. Owner's Manual
2. 2 Nos. Keys
3. 1 Set of tools **(for details see below)**
4. Standard Accessories
5. Battery Make _____ Sr. No. _____
6. Tyre **Front** Make _____ Sr. No. _____
   Rear Make _____ Sr. No. _____

The vehicle has been delivered in factory fresh conditions to my satisfaction & I have understood all terms and conditions of warranty and shall abide by them.

Customer's Name _____

Customer's Address _____

Customer's Signature _____

Authorised Distributor/Dealer Name _____

Authorised Distributor/Dealer Address _____

Details of Tool Kit -

Tool bag, +, - No. 2 Driver, Grip, Wrench plug 16 mm, Spanner 14 mm

Hero MotoCorp Ltd.

AUTHORISED DISTRIBUTOR/DEALER COPY

DELIVERY CERTIFICATE

I certify having taken delivery of one Hero MotoCorp **Xoom 125R Xtec PROGRAMMED FI** vehicle bearing the following particulars:–

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   Rear Make _____ Sr. No. _____

The vehicle has been delivered in factory fresh conditions to my satisfaction & I have understood all terms and conditions of warranty and shall abide by them.

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Customer's Address _____

Customer's Signature _____

Authorised Distributor/Dealer Name _____

Authorised Distributor/Dealer Address _____

Details of Tool Kit -

Tool bag, +, - No. 2 Driver, Grip, Wrench plug 16 mm, Spanner 14 mm

GENUINE PARTS

WHAT ARE THE BENEFITS OF Hero MotoCorp GENUINE SPARE PARTS ?

- Assures long life
- Ensures economy for a long time
- Safety of vehicle and rider
- Peace of mind
- Value for money
- Assured quality

CONSEQUENTIAL DAMAGES ON USING NON-GENUINE PARTS

Cam Chain Kit	• Poor performance • Reduced life • Material used is inferior • Damages other parts of clutch like, clutch center and outer clutch
Gasket Cylinder Head	• Improper sealing • Engine knocking • Leads to leakage and smoky exhaust • Higher emission level
Element Air Cleaner	• Improper air filtration resulting in premature engine failure • Affects fuel efficiency • Poor engine performance
Spark Plug	• Frequent stalling of engine • Higher emission level • Poor engine performance • Affects fuel efficiency
Brake Pads/Shoes	• Poor braking efficiency • Rider safety-an issue • Discs/Drum wear out, resulting in subsequent repair cost

JOBS APPLICABLE TO PERIODIC SERVICES

- Test drive the vehicle if required for reported troubles, if any.
- Wash the vehicle and blow dry with air at every service.
- Inspect fuel lines at every service. Replace, if damaged.
- Inspect throttle free play and operation, at every service, adjust if necessary.
- Inspect fuel tank lid cover operation and adjust, if required.
- Inspect/Replace air cleaner element as per maintenance schedule **(page 50)**.
- Inspect and clean crankcase breather tube/drain tube, if required.
- Inspect, clean spark plug at every service, adjust if necessary (replace at every 12000 km).
- Inspect and valve clearance at every service, adjust if necessary.
- Replace engine oil or top up as per the maintenance schedule.
- Clean engine oil strainer screen.
- Replace final drive oil, (replace at every 10000 km).
- Clean and lubricate brake cam at every service.
- Inspect and adjust front/Integrated brake lever free play at every service.
- Inspect brake shoe wear out at every service, adjust if necessary.
- Inspect brake pads, disc wear and brake fluid level at every service. Top-up if necessary. Replace brake fluid once in every two years or 30000 km, whichever is earlier.
- Inspect battery voltage at every service and charge if required.
- Inspect stop lamp switch, horn and adjust if necessary.
- Inspect headlamp focus at every service, adjust if required.
- Clean and lubricate the kick starter driven gear in the belt case at every service.
- Inspect pinon starter assembly at every 9000 km (Replace in every 2 years or 21000 km, whichever is earlier).
- Inspect drive belt at every 6000 km. (replace at every 24000 km).
- Inspect clutch shoe wear at every 6000 km.
- Inspect and tighten all fasteners to the specified torque (if required).
- Inspect front suspension at every service (Replace front fork oil once in every 2 years or 20000 km).
- Inspect rear suspension at every service. Inspect for any play in the mounting bushes, replace if necessary.
- Inspect wheels and tyre pressure at every service.
- Inspect wheel bearings free play at every service, replace if necessary.
- Inspect steering for smooth operation, adjust steering head bearings if required (lubricate once in every 12000 km).
- Lubricate the main at every service.
- Inspect idle CO emission along with idle rpm/idle CO adjustment (if required).
- Inspect the canister hoses for deterioration, damage or loose connections and canister for cracks or other damages.
- Test drive the vehicle for repair of problems reported.
- Clean and polish (except matte painted models) the vehicle before delivery.

SERVICE RECORD SHEET
To be Filled in by Supervisor

Free/Paid Service	Km. Range	Date	Km. Reading	Job Card No.	Engine Oil Top-up/ Replace	Authorised Distributor/Dealer (Sig. & Stamp)
I	500 - 750					
II	3000 - 3500					
III	6000 - 6500					
IV	9000 - 9500					
V	12000 - 12500					
VI	15000 - 15500					
VII	18000 - 18500					
VIII	21000 - 21500					
IX	24000 - 24500					
X	27000 - 27500					
XI	30000 - 30500					
XII	33000 - 33500					
XIII	36000 - 36500					
XIV	39000 - 39500					
XV	42000 - 42500					
XVI	45000 - 45500					
XVII	48000 - 48500					

NOTE

It is mandatory to avail all free and paid services as per the recommended schedule to be eligible for the warranty benefits. Please ensure that each paid service is availed within 90 days from the date of previous service or as per the recommended schedule, whichever is earlier.

SERVICE RECORD SHEET
To be Filled in by Supervisor

Free/Paid Service	Km. Range	Date	Km. Reading	Job Card No.	Engine Oil Top-up/ Replace	Authorised Distributor/Dealer (Sig. & Stamp)
XVIII	51000 - 51500					
XIX	54000 - 54500					
XX	57000 - 57500					
XXI	60000 - 60500					
XXII	63000 - 63500					
XXIII	66000 - 66500					
XXIV	69000 - 69500					
XXV	72000 - 72500					

REMARKS (IF ANY)

SERVICE ADVICE SHEET

Normal wear and tear components replacement advice

Date	Kms / Job Card No.	Advice	Authorised Distributor/Dealer (Sig. & Stamp)	Completion Dt. / Job Card No.

Hero MotoCorp Ltd.

OWNERSHIP RECORD AND DATA

NAME_____.

ADDRESS_____.

MODEL _____ REGN. NO. _____.

ENGINE NO._____ VIN_____.

DATE OF PURCHASE _____ KM. READING _____.

AUTHORISED DISTRIBUTOR/DEALER NAME _____.

ADDRESS _____.

_____.

BATTERY MAKE_____ SERIAL NO. _____.

AUTHORISED DISTRIBUTOR/DEALER
STAMP AND SIGNATURE